

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000968.D
 Acq On : 16 Dec 2019 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 12/17/2019 12:50:06 PM

Quant Time: Dec 17 08:13:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	450487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	135478	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	7.73	113	127035	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	10.18	98	528665	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.48	95	188188	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	107748	39.393	ug/l	100
3) Chloromethane	2.12	50	148575	44.067	ug/l	96
4) Vinyl Chloride	2.25	62	148526	44.698	ug/l	98
5) Bromomethane	2.65	94	103344	51.920	ug/l	98
6) Chloroethane	2.79	64	94828	46.546	ug/l	98
7) Trichlorofluoromethane	3.13	101	213805	46.950	ug/l	96
8) Diethyl Ether	3.54	74	90685	52.910	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	140056	49.803	ug/l	99
10) Methyl Iodide	4.10	142	159301	44.992	ug/l	98
11) Tert butyl alcohol	4.96	59	73020	268.820	ug/l	98
12) 1,1-Dichloroethene	3.88	96	139600	50.108	ug/l	97
13) Acrolein	3.74	56	71816	268.396	ug/l	99
14) Allyl chloride	4.49	41	245326	51.356	ug/l	99
15) Acrylonitrile	5.18	53	250360	282.879	ug/l	98
16) Acetone	3.96	43	175534	283.414	ug/l	97
17) Carbon Disulfide	4.20	76	406636	45.129	ug/l	100
18) Methyl Acetate	4.49	43	144422	55.767	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	411777	55.344	ug/l	98
20) Methylene Chloride	4.72	84	172796	52.928	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	161331	50.948	ug/l	98
22) Diisopropyl ether	6.13	45	534119	54.401	ug/l	98
23) Vinyl Acetate	6.07	43	1654815	277.245	ug/l	99
24) 1,1-Dichloroethane	6.03	63	285080	52.682	ug/l	99
25) 2-Butanone	7.00	43	313680	274.168	ug/l	98
26) 2,2-Dichloropropane	6.99	77	217297	47.711	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	182939	53.446	ug/l	98
28) Bromochloromethane	7.35	49	115242	57.758	ug/l	96
29) Tetrahydrofuran	7.36	42	217809	287.289	ug/l	98
30) Chloroform	7.52	83	277866	51.187	ug/l	100
31) Cyclohexane	7.79	56	268001	46.751	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	229341	51.163	ug/l	99
36) 1,1-Dichloropropene	7.93	75	217797	48.624	ug/l	99
37) Ethyl Acetate	7.09	43	135693	52.465	ug/l	98
38) Carbon Tetrachloride	7.91	117	194604	48.785	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	283773	47.818	ug/l	99
40) Benzene	8.17	78	677282	51.911	ug/l	98
41) Methacrylonitrile	7.33	41	58591m	42.982	ug/l	
42) 1,2-Dichloroethane	8.25	62	177995	51.875	ug/l	99
43) Isopropyl Acetate	8.28	43	256517	52.631	ug/l	98
44) Trichloroethene	8.94	130	172610	51.478	ug/l	94
45) 1,2-Dichloropropane	9.22	63	177224	54.078	ug/l	100
46) Dibromomethane	9.31	93	91824	53.625	ug/l	99
47) Bromodichloromethane	9.50	83	215006	53.451	ug/l	95
48) Methyl methacrylate	9.30	41	115698	53.983	ug/l	95
49) 1,4-Dioxane	9.30	88	26566	1094.954	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	698997	277.574	ug/l	99
52) Toluene	10.25	92	424240	52.517	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	238704	55.235	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	276027	54.036	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	140517	55.544	ug/l	98
56) Ethyl methacrylate	10.51	69	204823	56.596	ug/l	99
57) 1,3-Dichloropropane	10.79	76	248252	56.303	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	392104	268.706	ug/l	100
59) 2-Hexanone	10.83	43	486184	264.953	ug/l	100
60) Dibromochloromethane	10.99	129	151507	55.632	ug/l	98
61) 1,2-Dibromoethane	11.09	107	133303	55.911	ug/l	98
64) Tetrachloroethene	10.72	164	183404	50.799	ug/l	97
65) Chlorobenzene	11.52	112	443816	51.381	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	152851	52.509	ug/l	98
67) Ethyl Benzene	11.59	91	813342	50.559	ug/l	99
68) m/p-Xylenes	11.70	106	613155	101.548	ug/l	99
69) o-Xylene	12.03	106	293939	52.210	ug/l	97
70) Styrene	12.04	104	506522	52.543	ug/l	99
71) Bromoform	12.20	173	89201	54.332	ug/l #	97
73) Isopropylbenzene	12.33	105	773652	48.474	ug/l	99
74) N-amyl acetate	12.14	43	228152	51.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	163477	51.984	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	108929m	47.964	ug/l	
77) Bromobenzene	12.61	156	172289	49.801	ug/l	99
78) n-propylbenzene	12.67	91	949890	48.743	ug/l	100
79) 2-Chlorotoluene	12.75	91	526838	48.936	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	646880	48.952	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59662	51.603	ug/l	98
82) 4-Chlorotoluene	12.85	91	546468	49.268	ug/l	100
83) tert-Butylbenzene	13.07	119	537449	48.375	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	644817	48.773	ug/l	98
85) sec-Butylbenzene	13.25	105	786330	48.665	ug/l	100
86) p-Isopropyltoluene	13.36	119	694239	49.398	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	339836	50.074	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	338527	50.377	ug/l	100
89) n-Butylbenzene	13.69	91	694359	48.867	ug/l	100
90) Hexachloroethane	13.95	117	131164	50.664	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	315716	51.718	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	26190	49.746	ug/l	96

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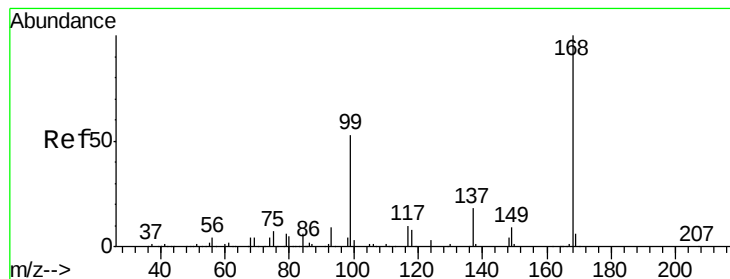
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	207079	50.130	ug/l	99
94) Hexachlorobutadiene	15.11	225	102148	49.876	ug/l	99
95) Naphthalene	15.23	128	501186	52.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	190323	51.582	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



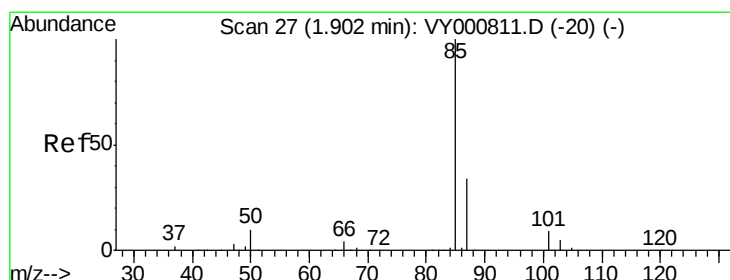
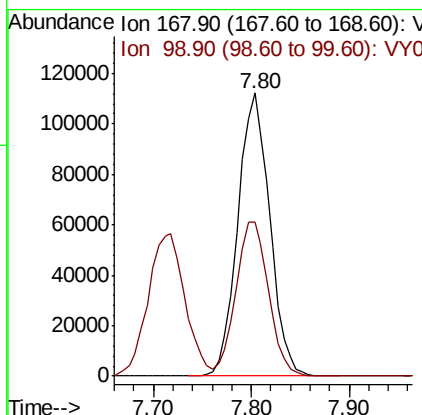
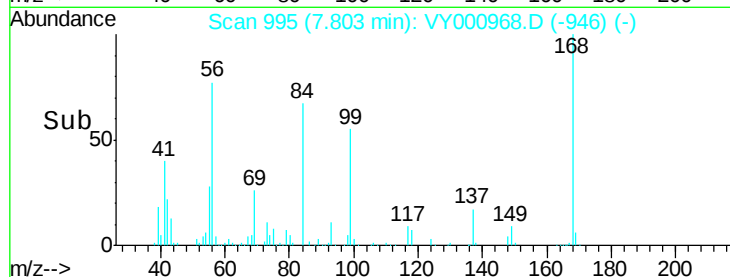
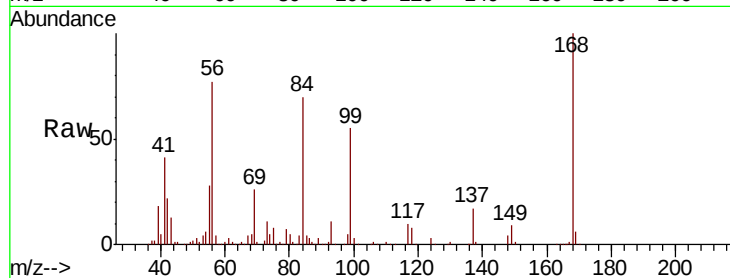
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 168 Resp: 254089
Ion Ratio Lower Upper
168 100
99 54.6 45.0 67.6

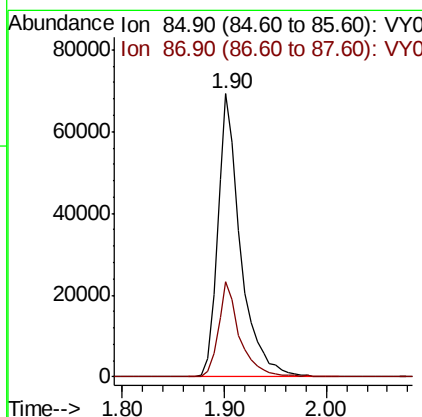
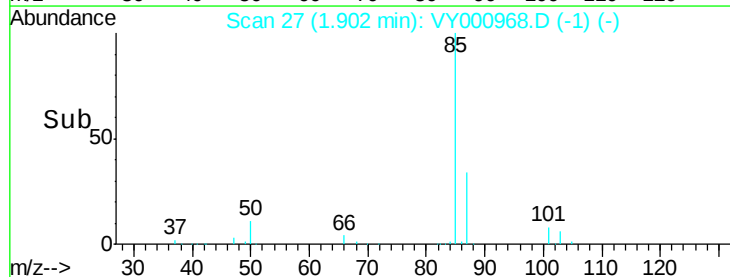
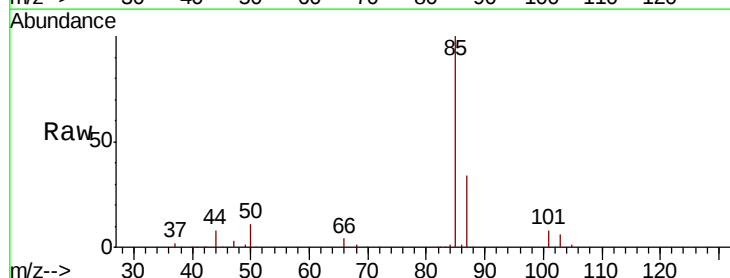
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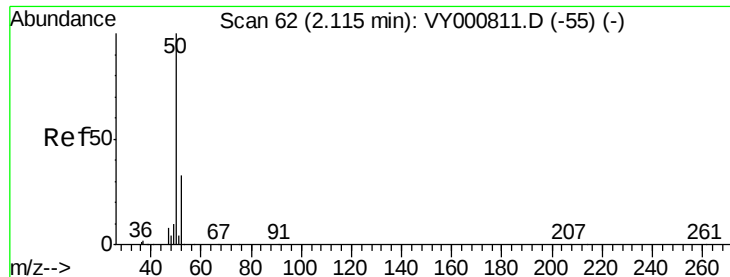
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#2
Dichlorodifluoromethane
Concen: 39.393 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion: 85 Resp: 107748
Ion Ratio Lower Upper
85 100
87 33.8 16.8 50.3





#3

Chloromethane

Concen: 44.067 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 148575

Ion Ratio Lower Upper

50 100

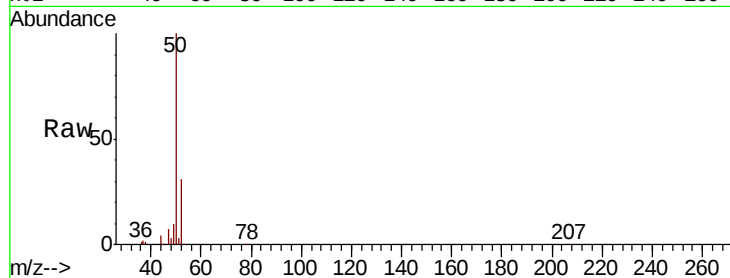
52 30.5 26.0 39.0

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

100000

80000

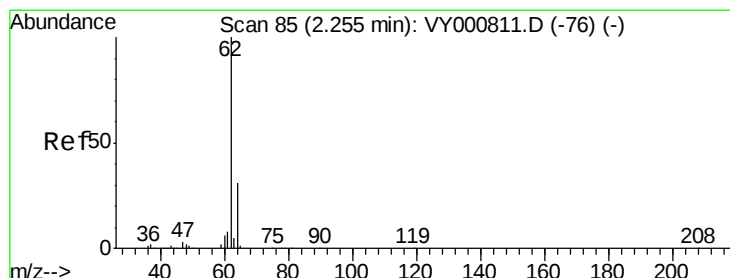
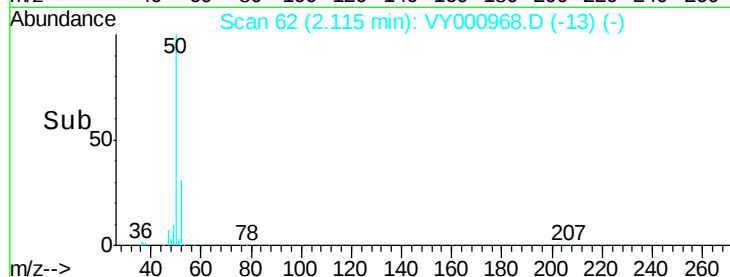
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 44.698 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000968.D

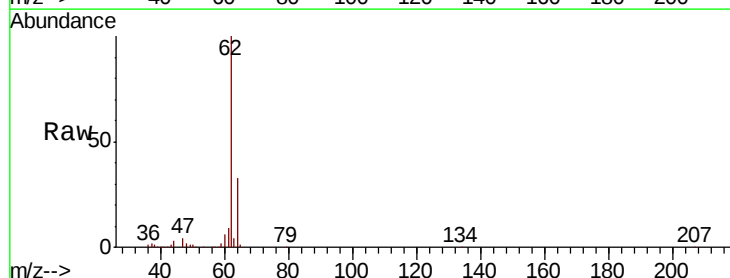
Acq: 16 Dec 2019 20:15

Tgt Ion: 62 Resp: 148526

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

100000

80000

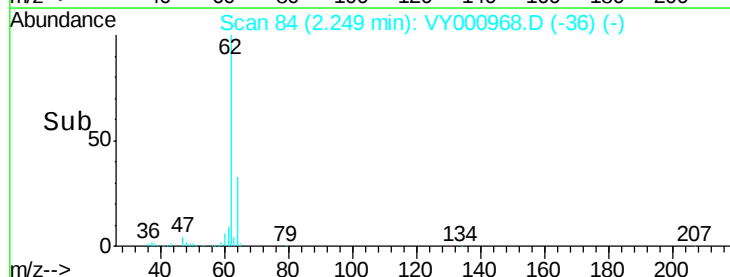
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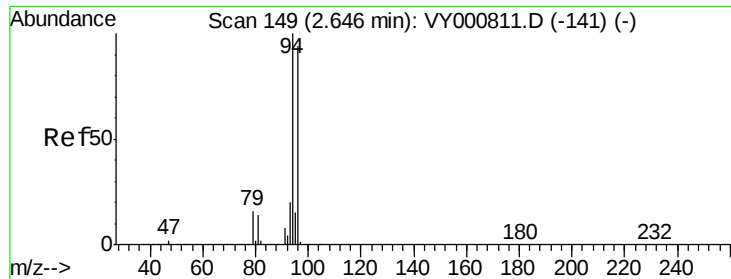
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20000

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Time-->





#5

Bromomethane

Concen: 51.920 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 103344

Ion Ratio Lower Upper

94 100

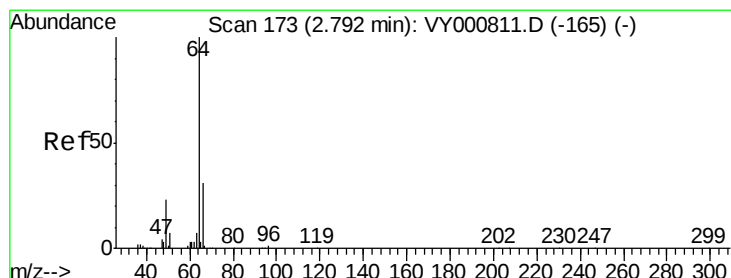
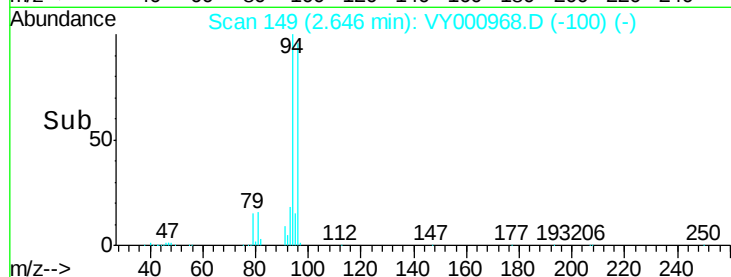
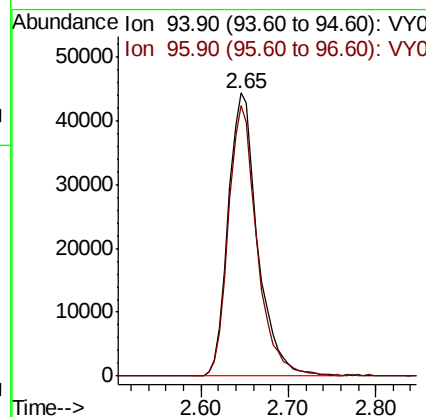
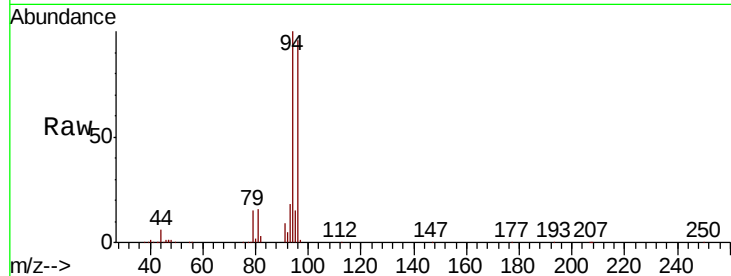
96 95.7 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 46.546 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000968.D

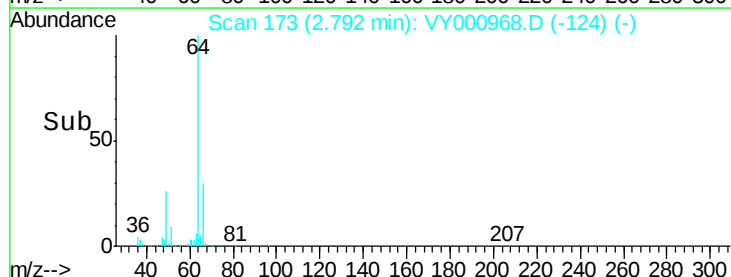
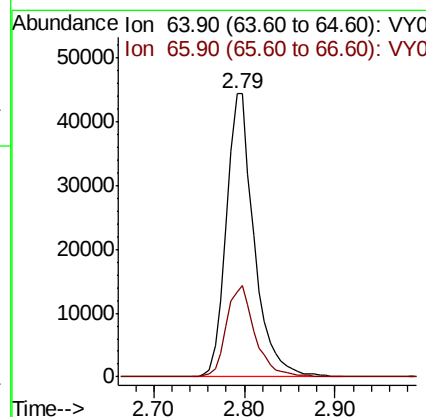
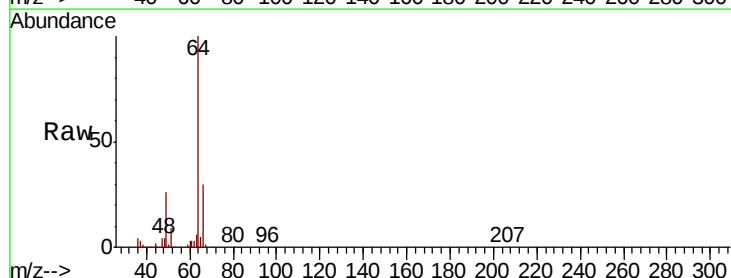
Acq: 16 Dec 2019 20:15

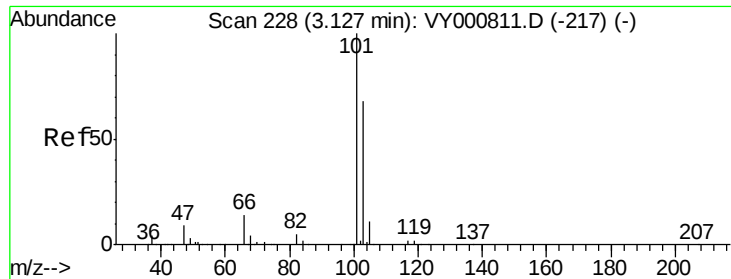
Tgt Ion: 64 Resp: 94828

Ion Ratio Lower Upper

64 100

66 29.9 25.0 37.4





#7

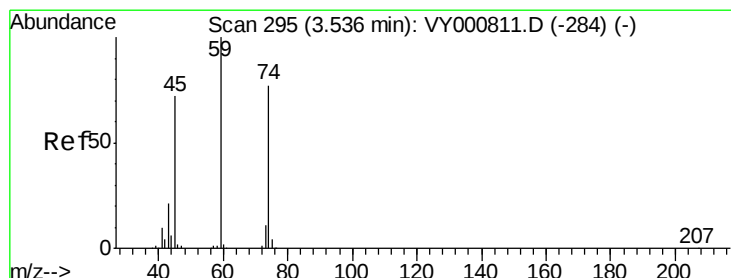
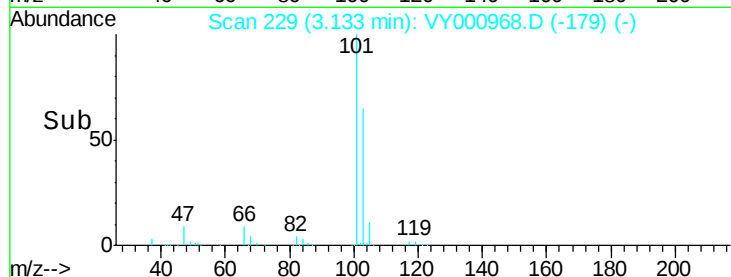
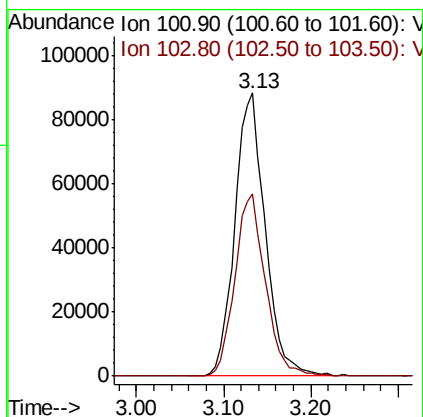
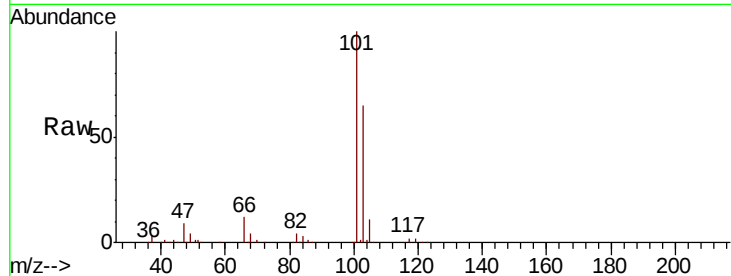
Trichlorofluoromethane
Concen: 46.950 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	54.2	81.2

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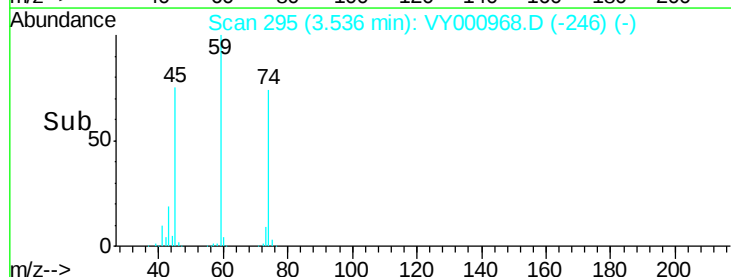
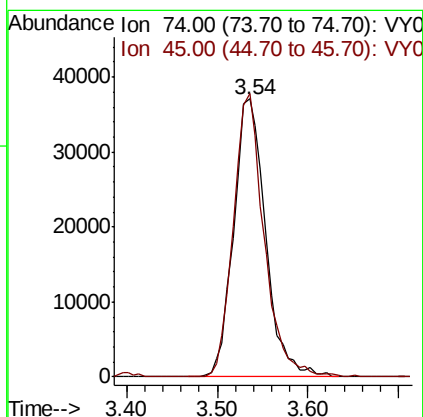
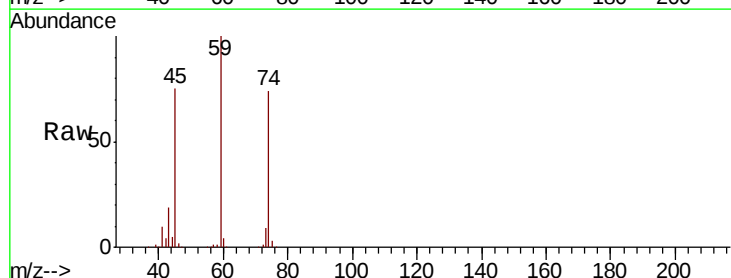
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12/17/2019 12:50:06 PM

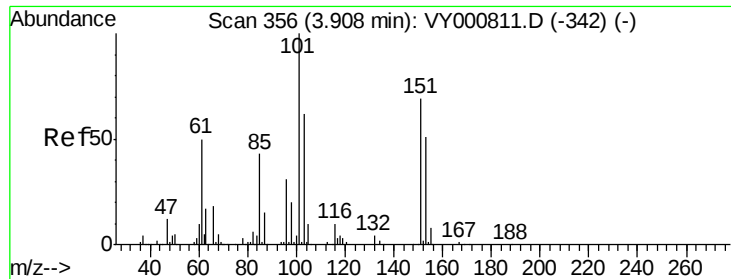


#8

Diethyl Ether
Concen: 52.910 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.803 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

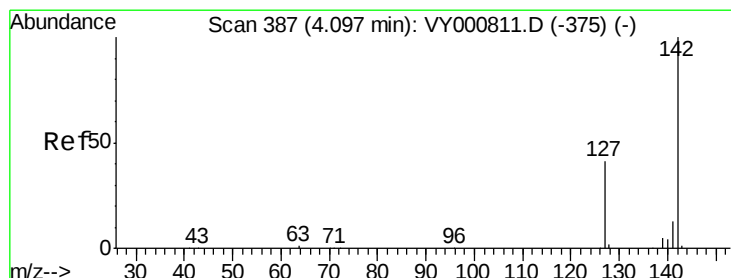
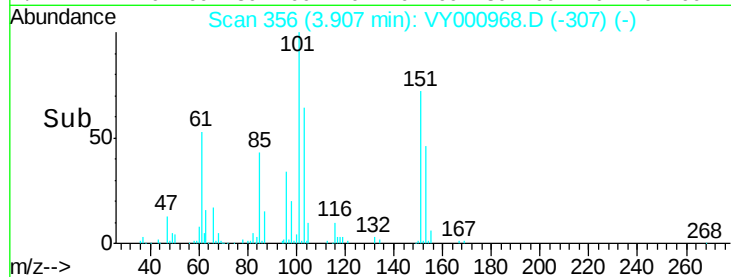
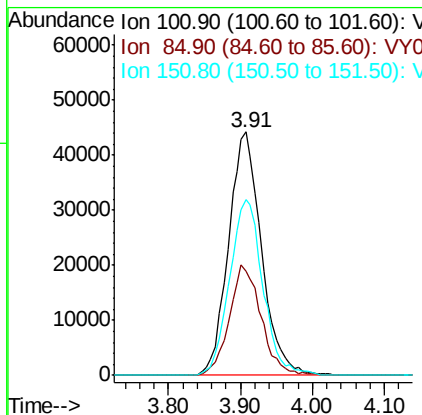
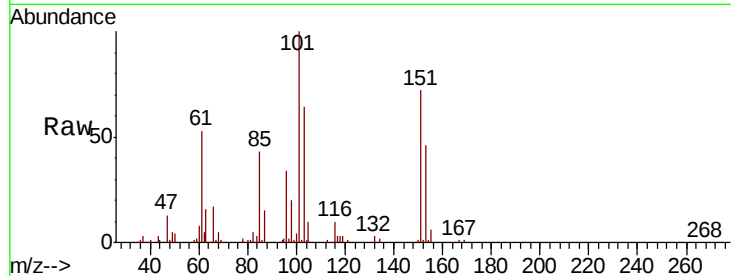
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	140056
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	73.6	58.2	87.2

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#10

Methyl Iodide

Concen: 44.992 ug/l

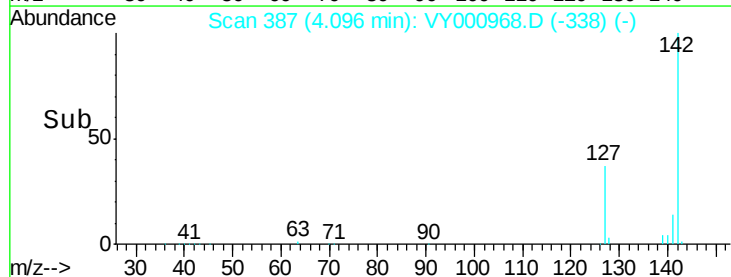
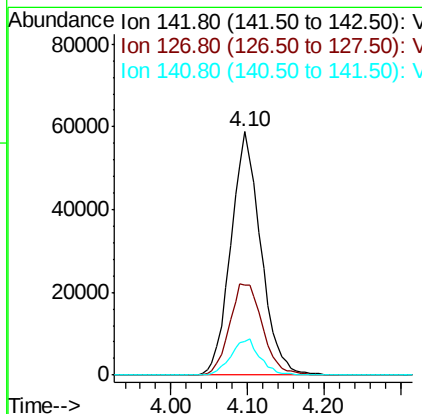
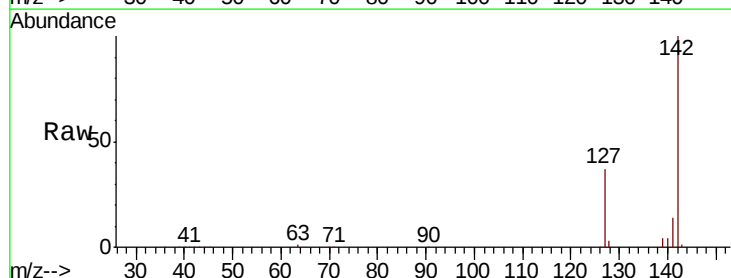
RT: 4.10 min Scan# 387

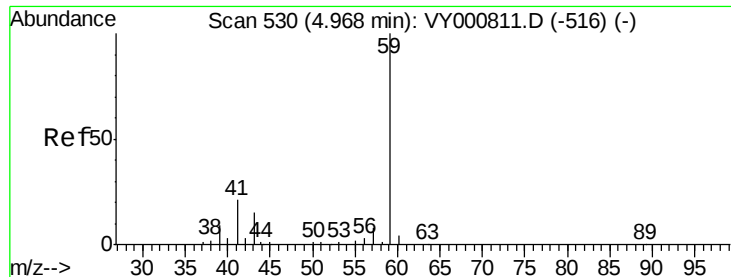
Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Tgt Ion:	142	Resp:	159301
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.8	50.8
141	14.4	10.9	16.3





#11

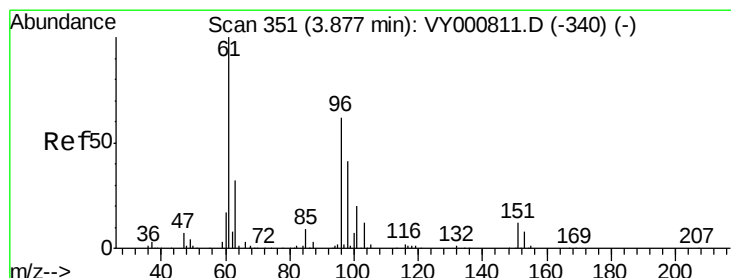
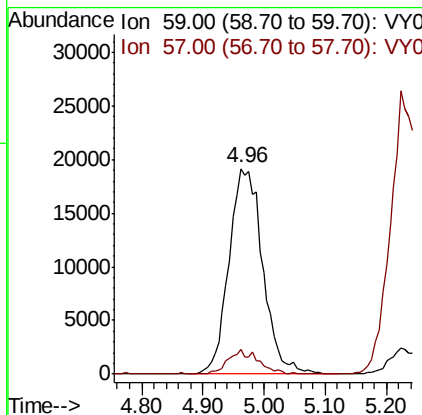
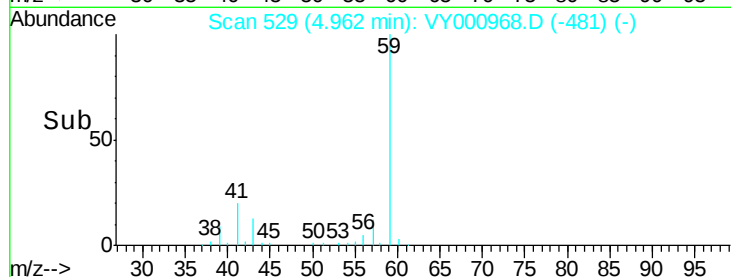
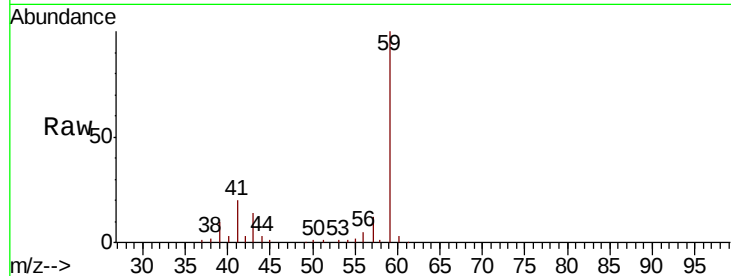
Tert butyl alcohol
Concen: 268.820 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	73020
Ion Ratio	100	Lower	Upper
57	10.6	7.8	11.6

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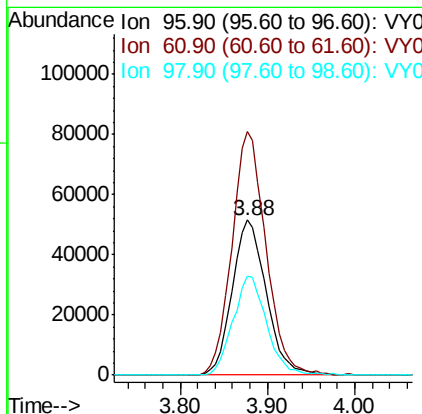
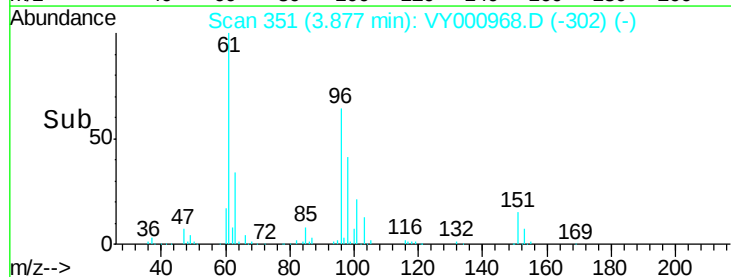
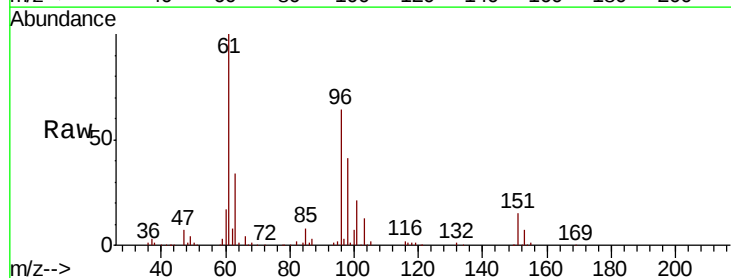
apatel
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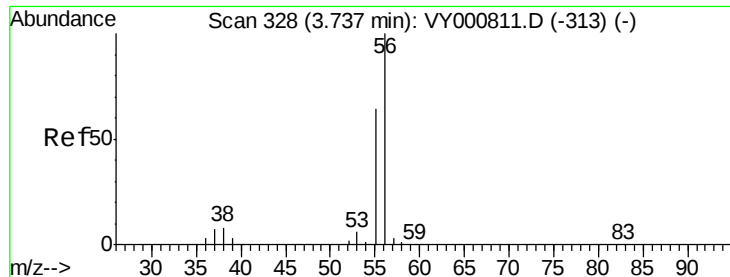


#12

1,1-Dichloroethene
Concen: 50.108 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	96	Resp	139600
Ion Ratio	100	Lower	Upper
61	157.2	129.4	194.2
98	64.3	53.4	80.0





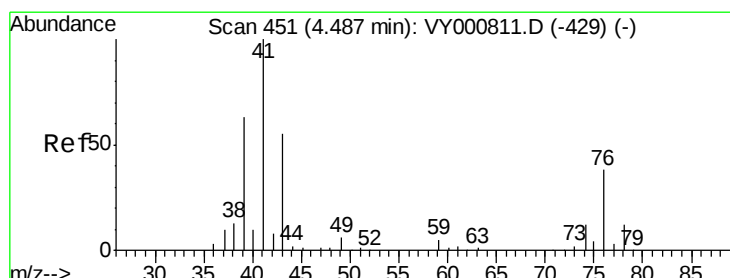
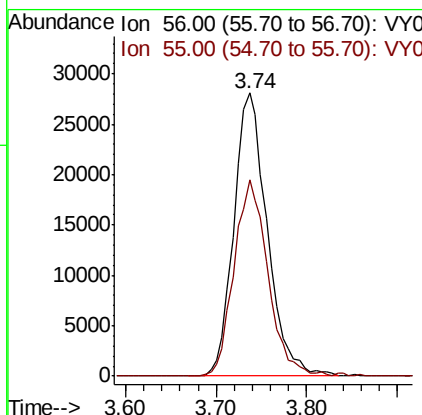
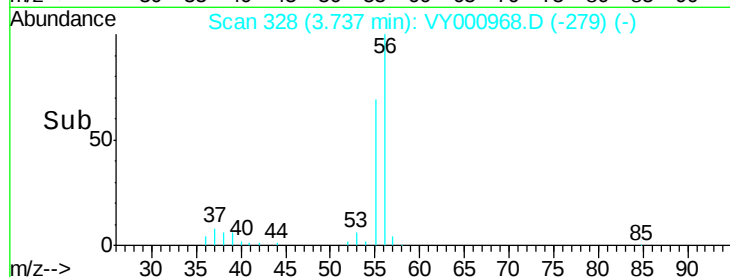
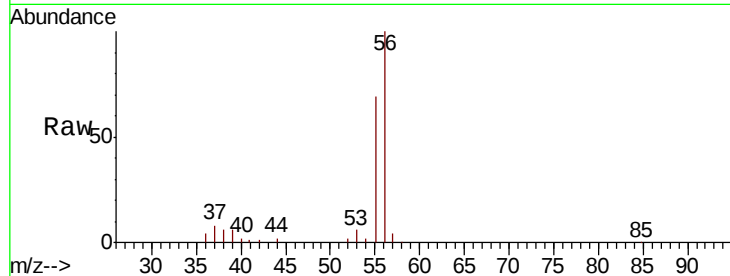
#13
Acrolein
Concen: 268.396 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 71816
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5

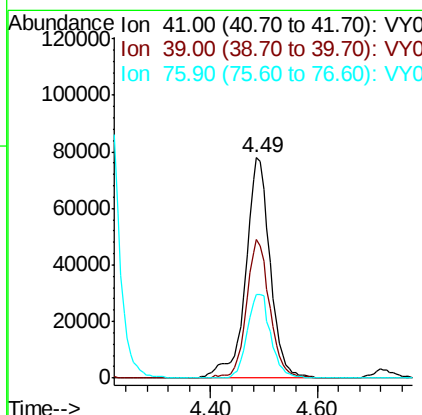
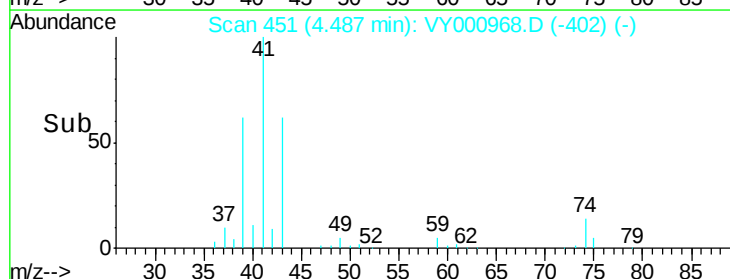
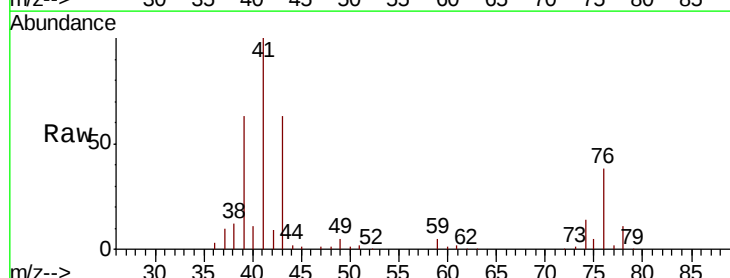
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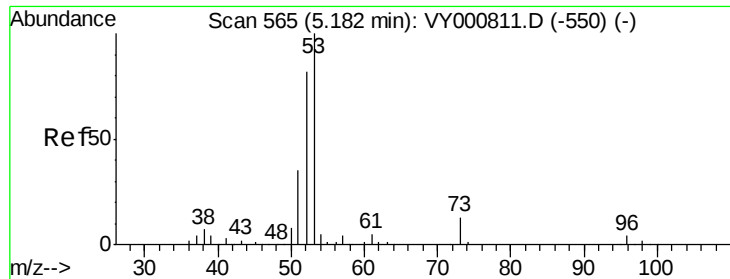
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#14
Allyl chloride
Concen: 51.356 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion: 41 Resp: 245326
Ion Ratio Lower Upper
41 100
39 60.1 49.2 73.8
76 36.6 29.2 43.8





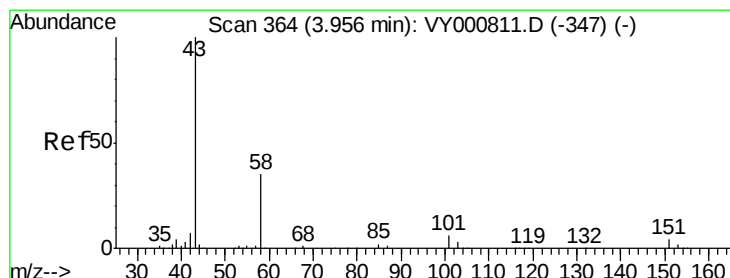
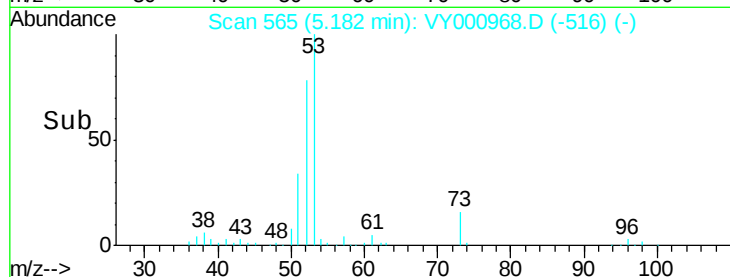
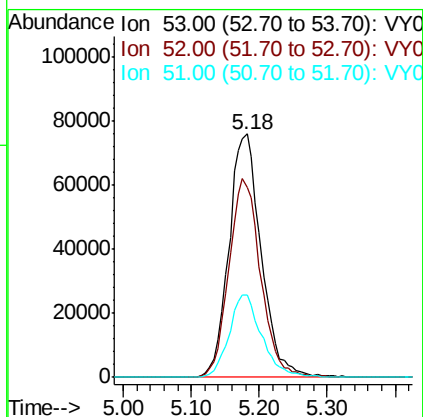
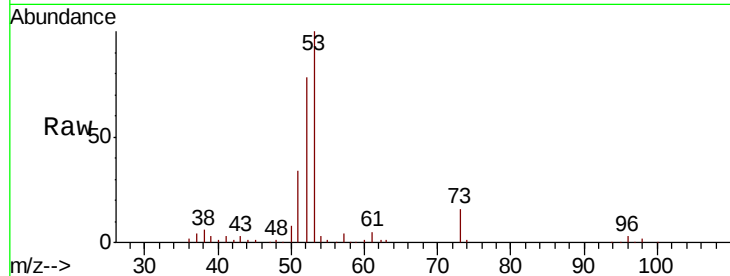
#15
 Acrylonitrile
 Concen: 282.879 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.1	97.7
51	34.3	29.0	43.4

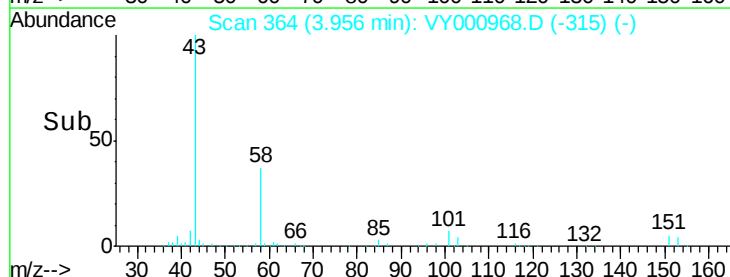
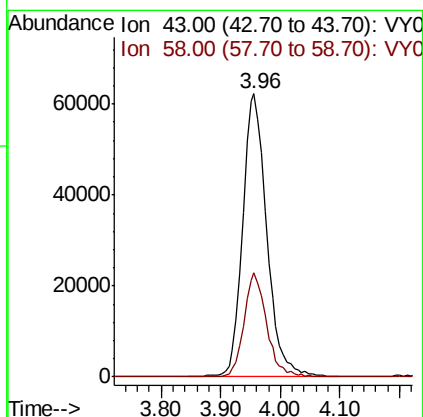
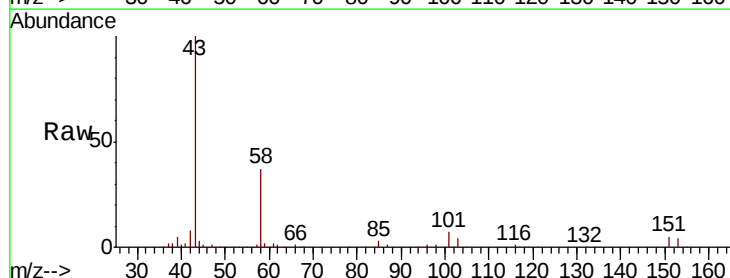
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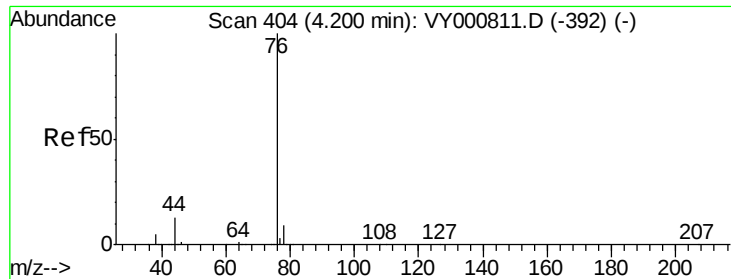
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#16
 Acetone
 Concen: 283.414 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	28.0	42.0





#17

Carbon Disulfide

Concen: 45.129 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 406636

Ion Ratio Lower Upper

76 100

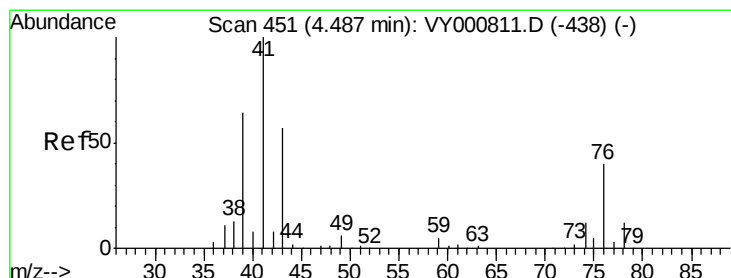
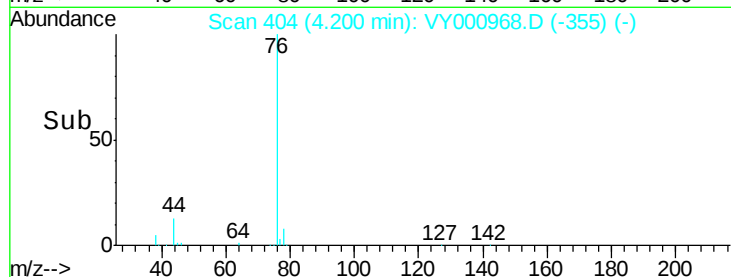
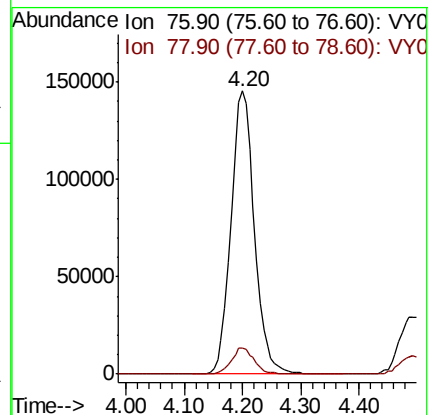
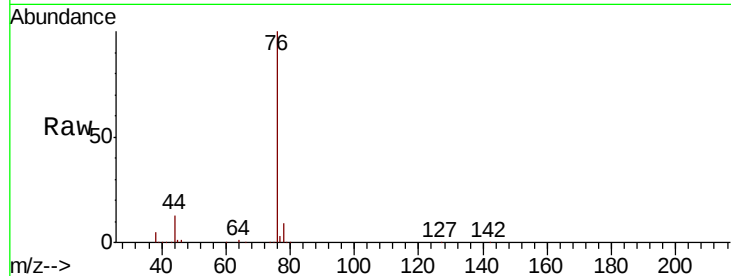
78 9.2 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 55.767 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000968.D

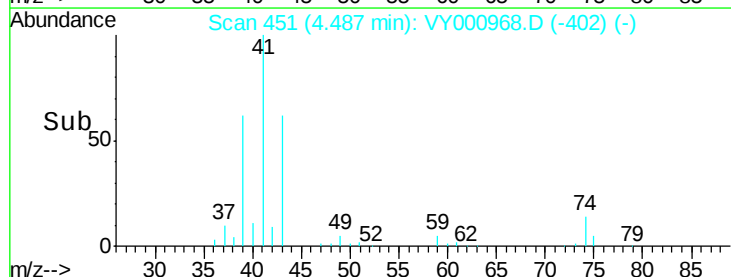
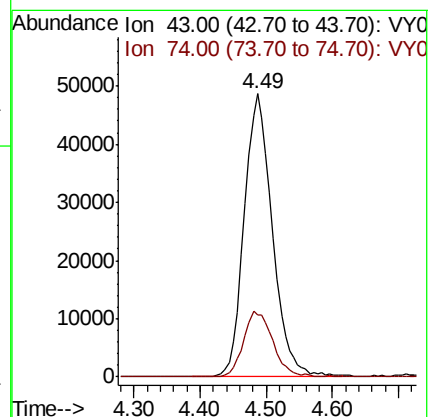
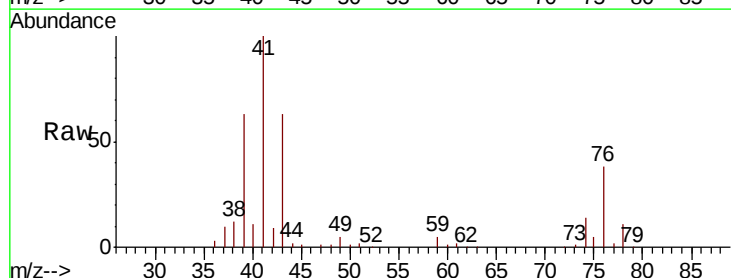
Acq: 16 Dec 2019 20:15

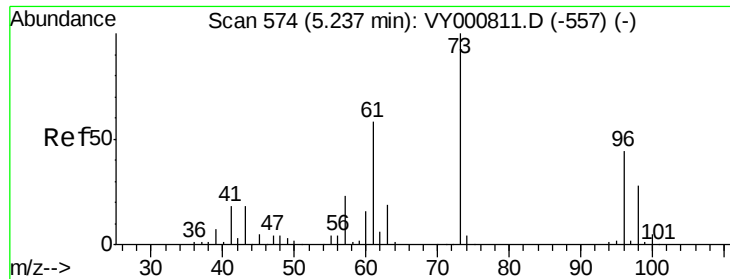
Tgt Ion: 43 Resp: 144422

Ion Ratio Lower Upper

43 100

74 24.1 18.5 27.7





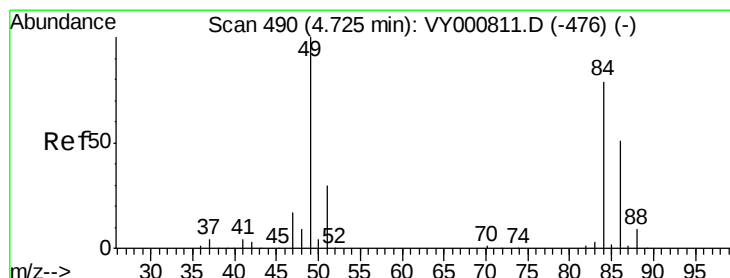
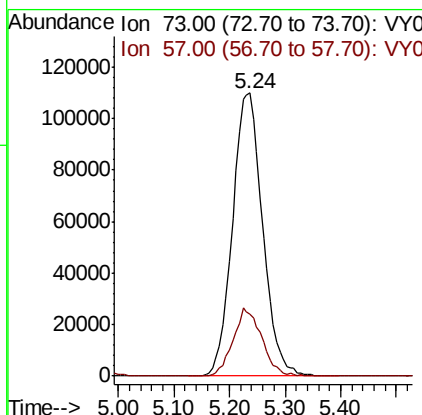
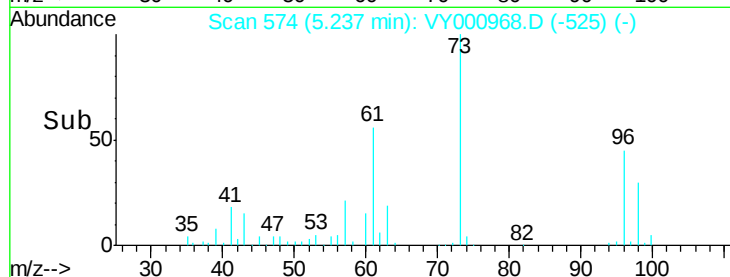
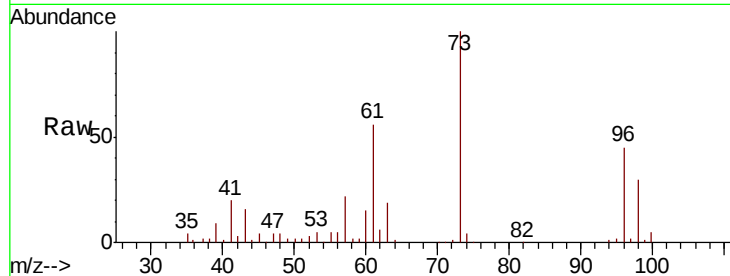
#19
Methyl tert-butyl Ether
Concen: 55.344 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 411777
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4

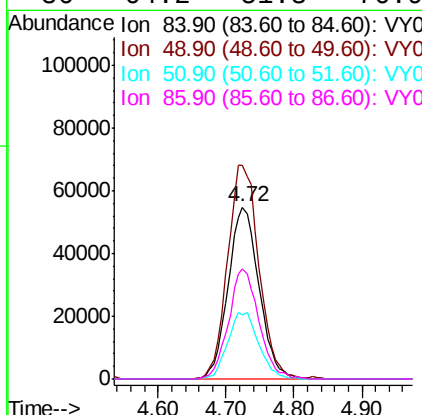
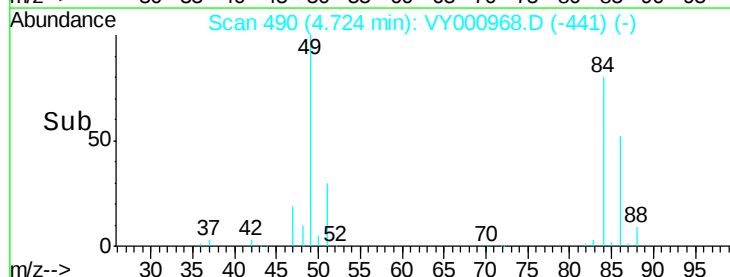
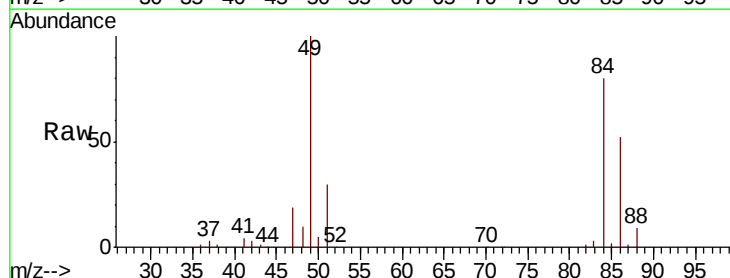
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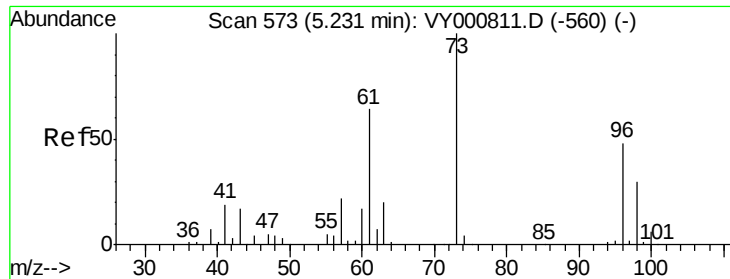
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#20
Methylene Chloride
Concen: 52.928 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion: 84 Resp: 172796
Ion Ratio Lower Upper
84 100
49 124.4 101.3 151.9
51 37.4 30.6 45.8
86 64.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.948 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

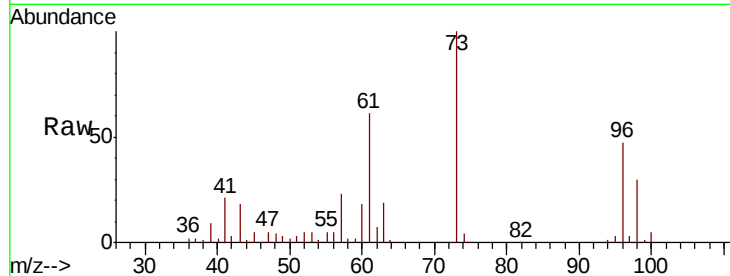
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	161331
Ion	Ratio	Lower	Upper
96	100		
61	131.1	105.9	158.9
98	64.9	49.4	74.2

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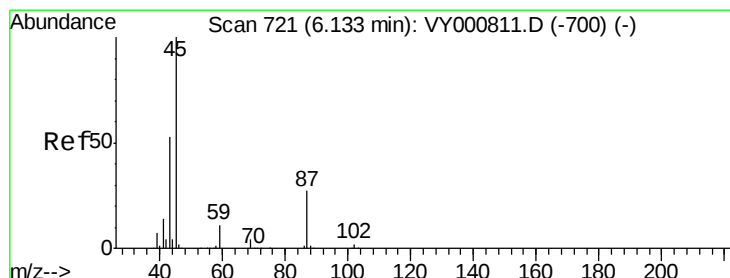
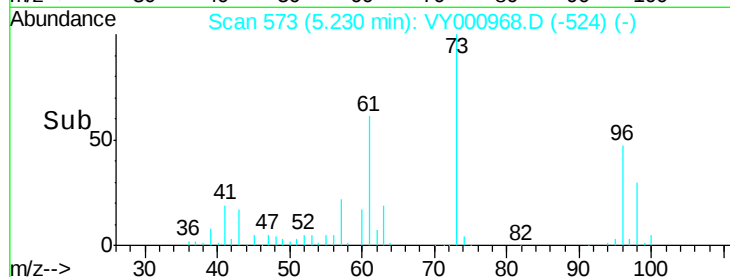
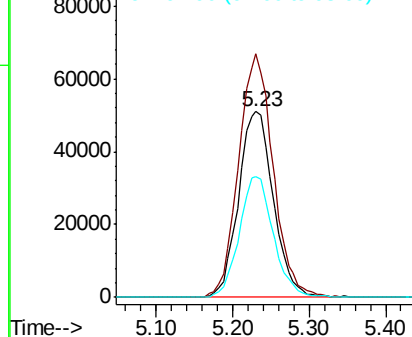


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 54.401 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Tgt Ion:	45	Resp:	534119
Ion	Ratio	Lower	Upper
45	100		
43	55.1	42.7	64.1
87	28.4	22.0	33.0
59	12.1	8.9	13.3

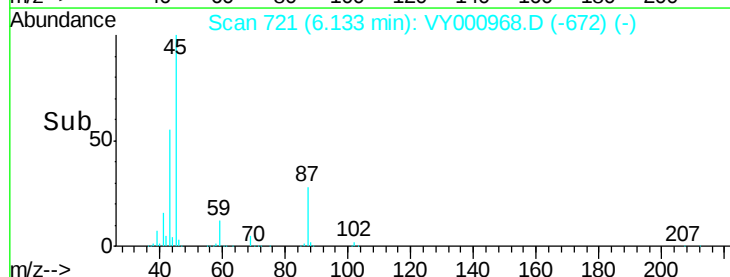
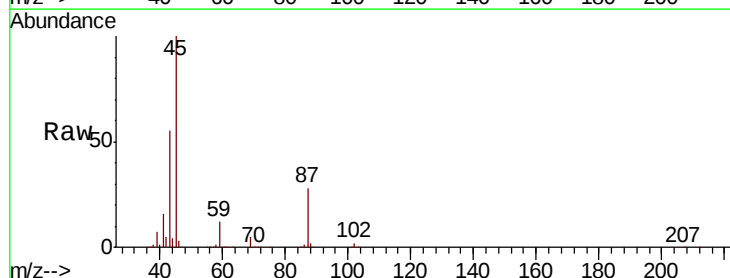
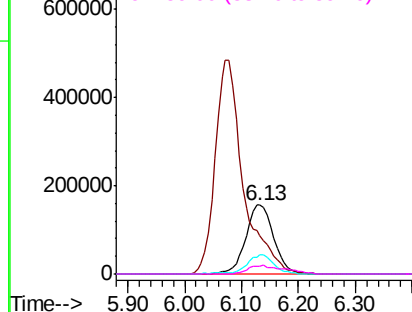
Abundance

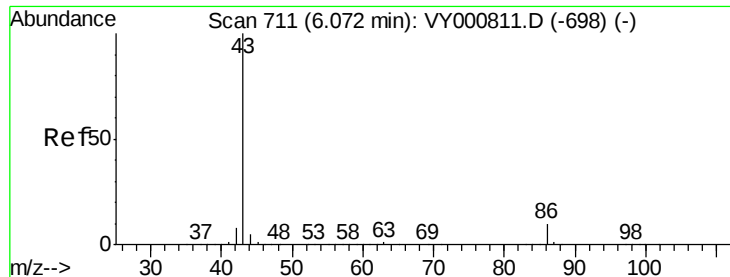
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





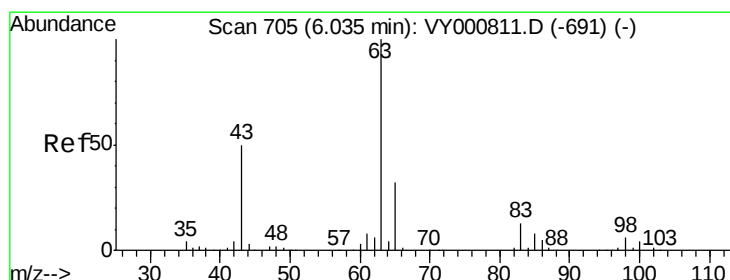
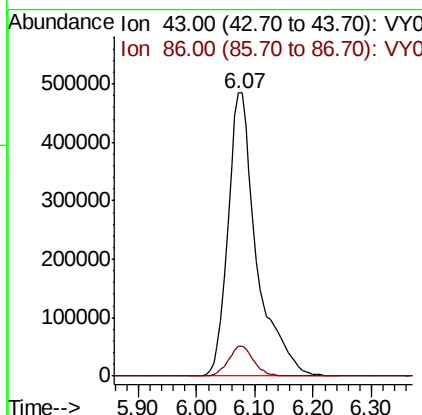
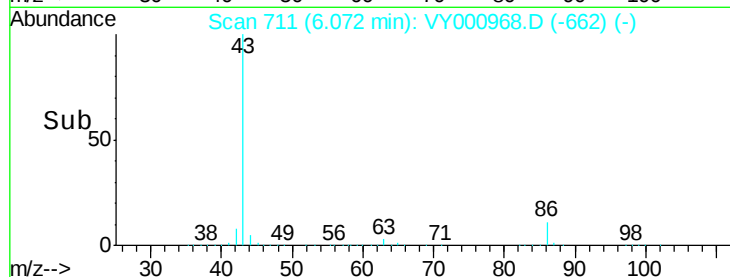
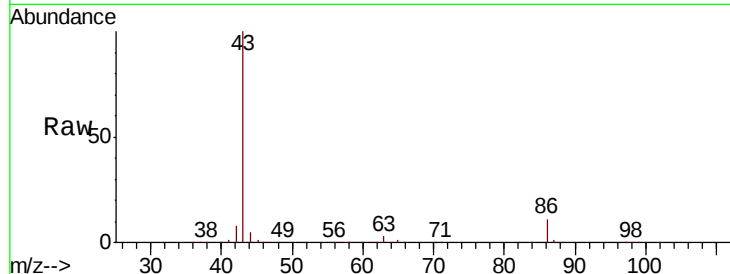
#23
 Vinyl Acetate
 Concen: 277.245 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1654815
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5

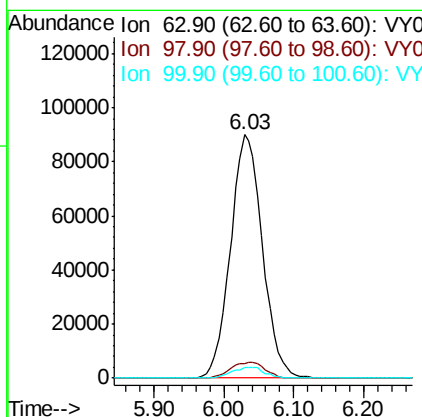
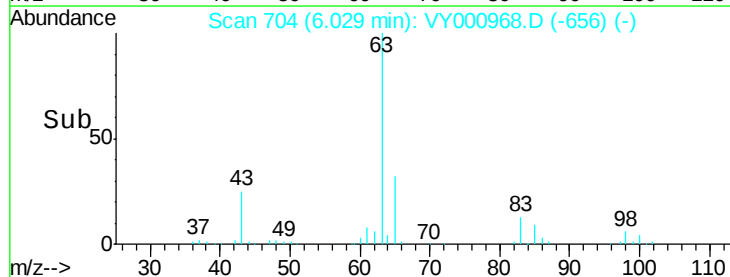
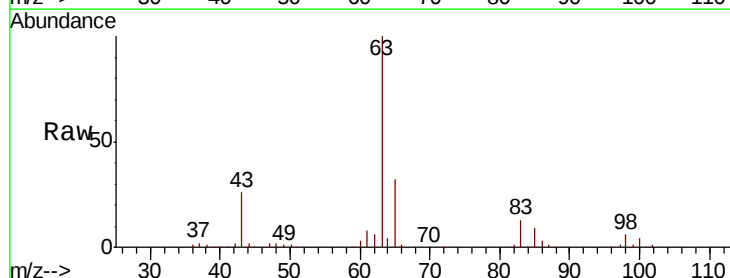
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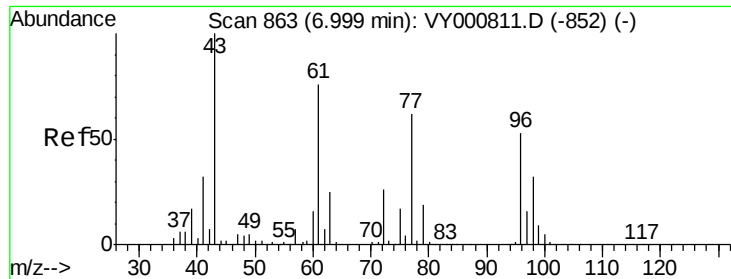
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#24
 1,1-Dichloroethane
 Concen: 52.682 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion: 63 Resp: 285080
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 274.168 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 313680

Ion Ratio Lower Upper

43 100

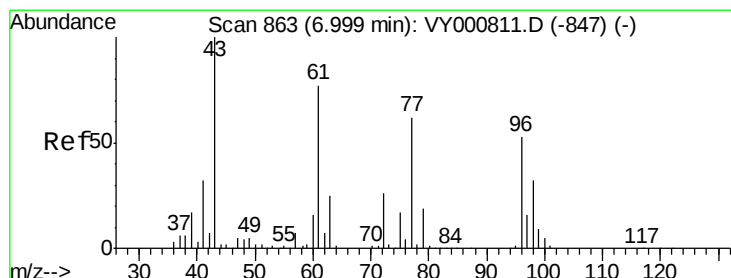
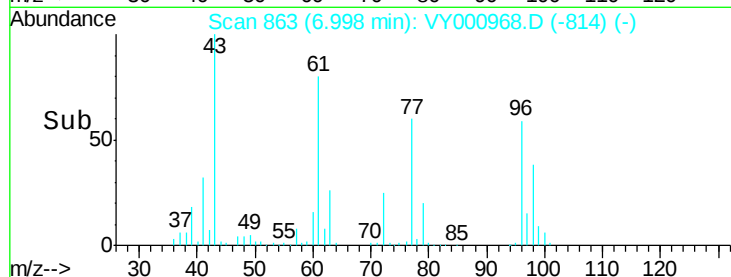
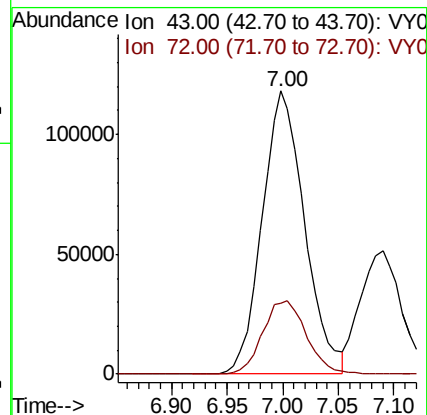
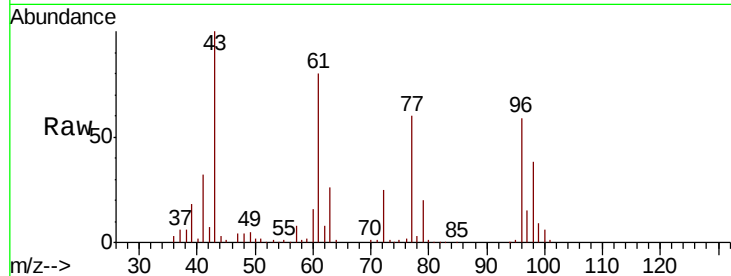
72 25.0 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.711 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000968.D

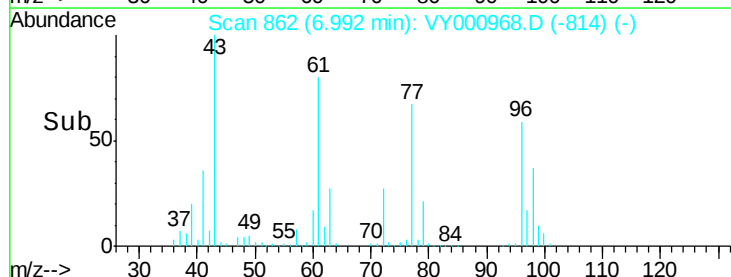
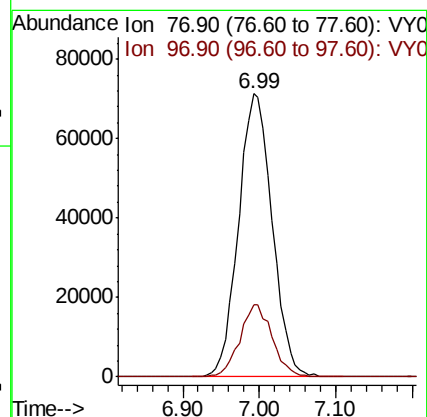
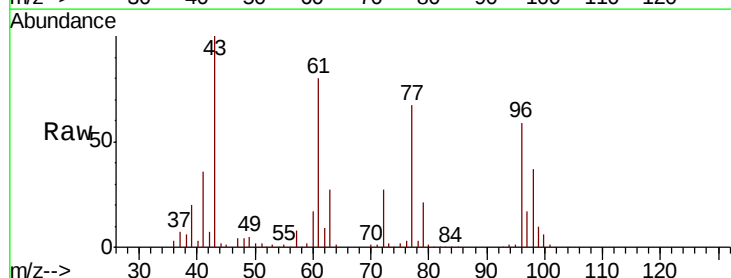
Acq: 16 Dec 2019 20:15

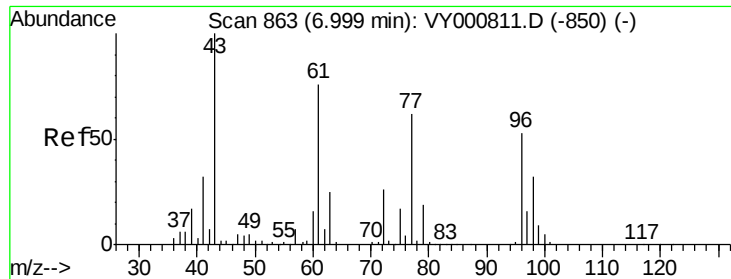
Tgt Ion: 77 Resp: 217297

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9





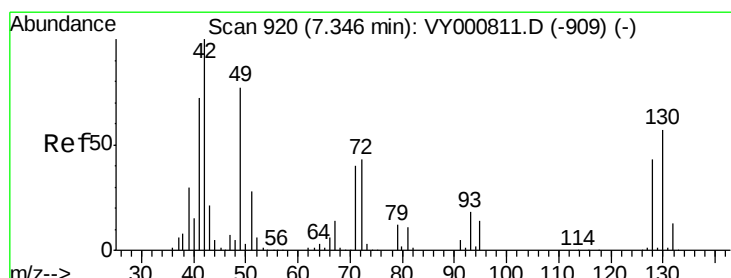
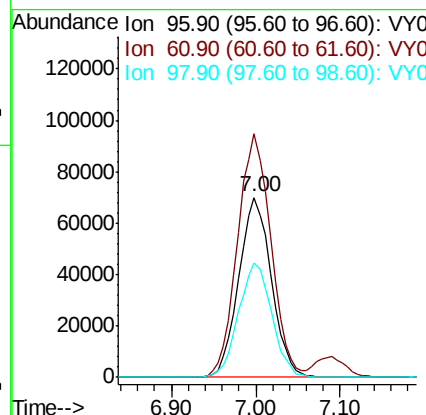
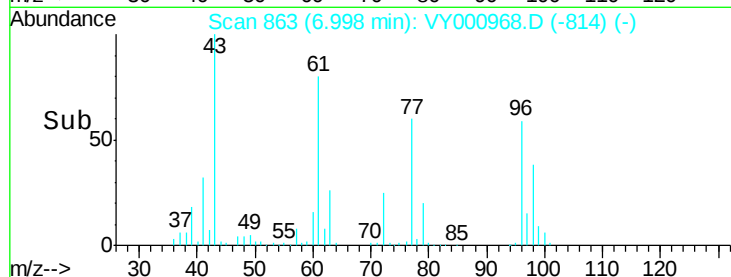
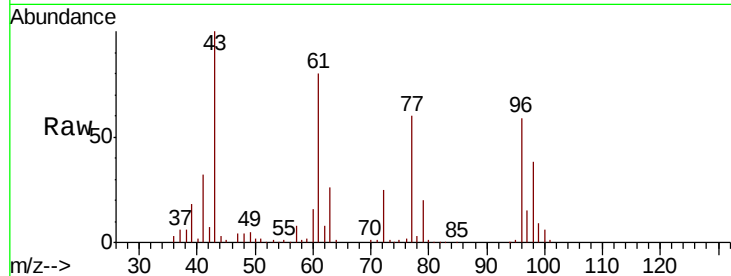
#27
 cis-1,2-Dichloroethene
 Concen: 53.446 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.8	0.0	285.0	
98	64.9	0.0	128.0	

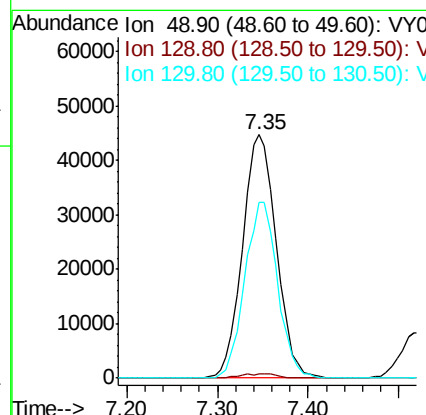
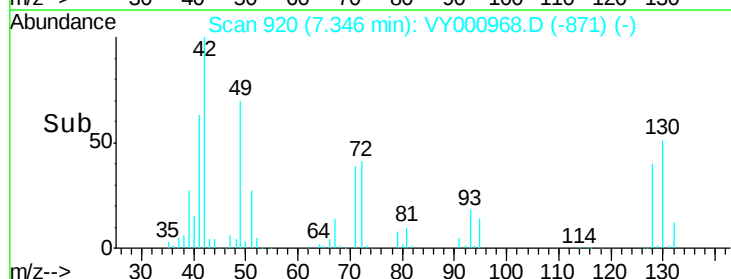
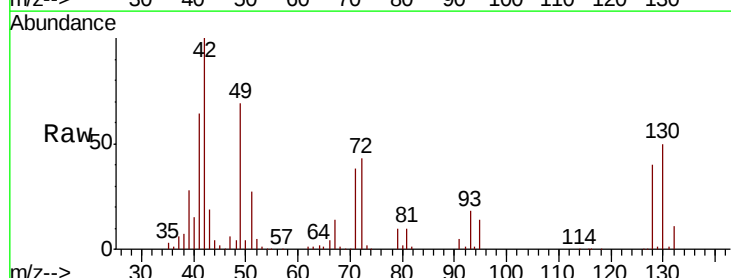
Manual Integrations
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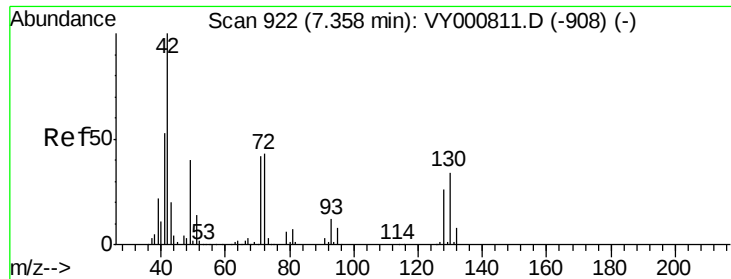
apatel
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#28
 Bromochloromethane
 Concen: 57.758 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	70.2	58.7	88.1	





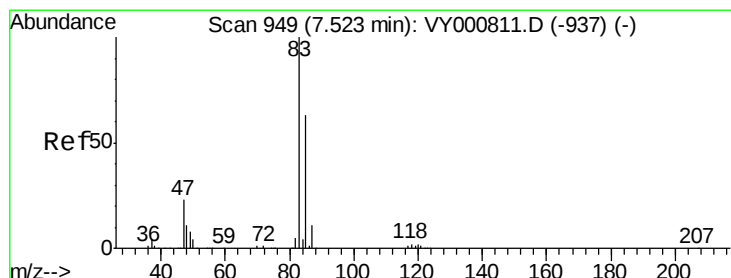
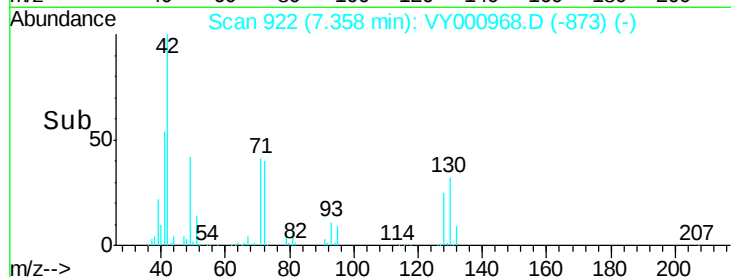
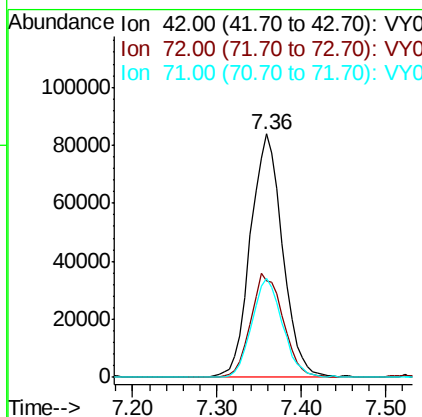
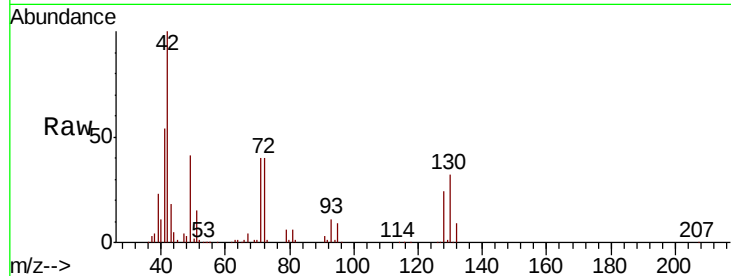
#29
Tetrahydrofuran
Concen: 287.289 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.1	52.7
71	39.1	32.8	49.2

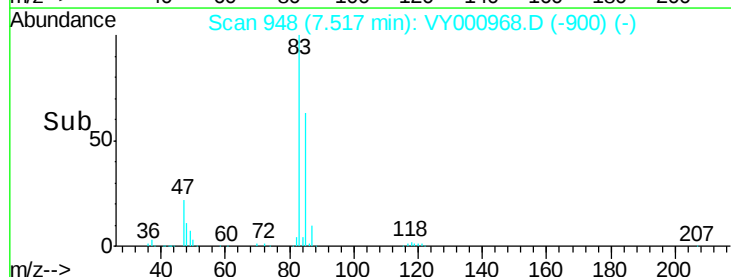
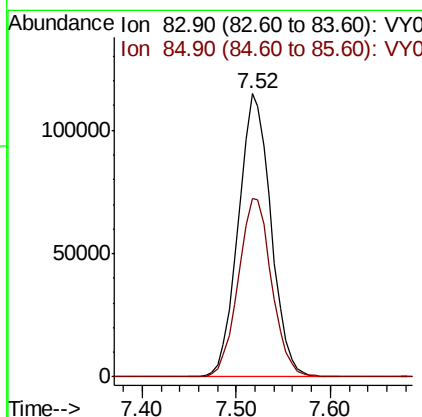
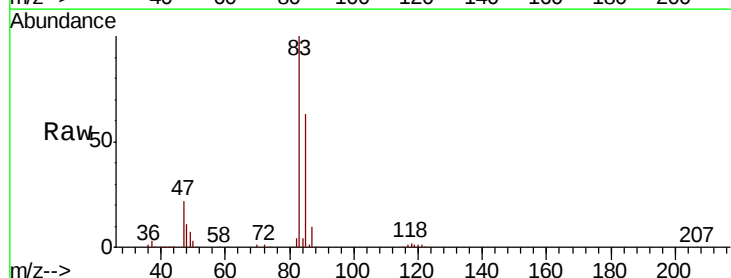
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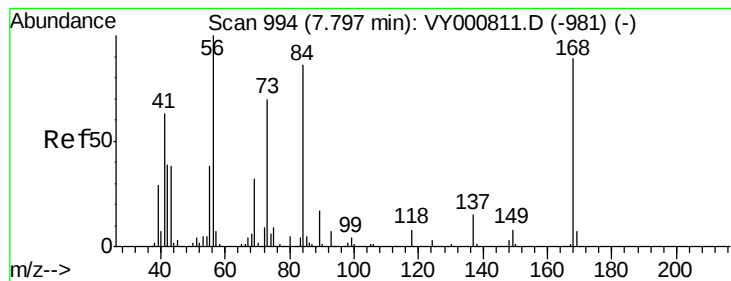
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#30
Chloroform
Concen: 51.187 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.4	75.6





#31

Cyclohexane

Concen: 46.751 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 268001

Ion Ratio Lower Upper

56 100

69 32.9 25.9 38.9

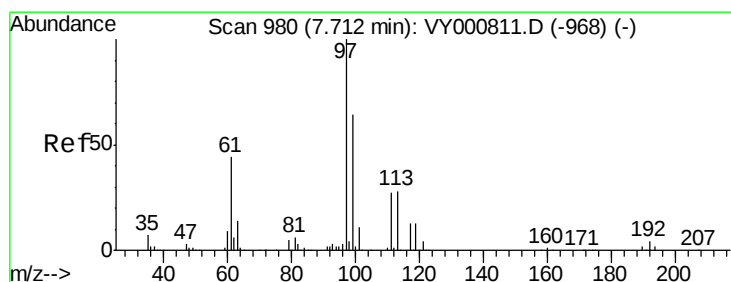
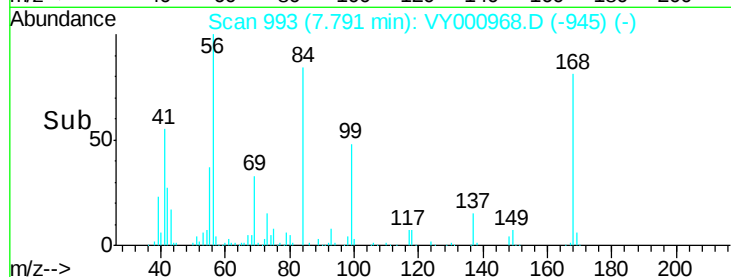
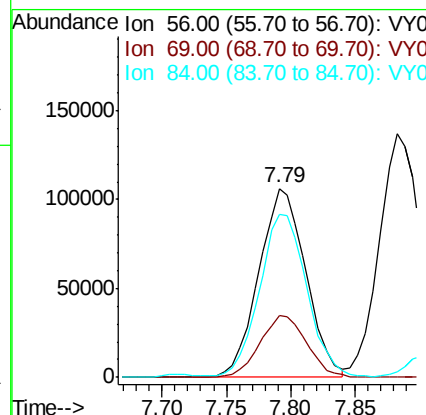
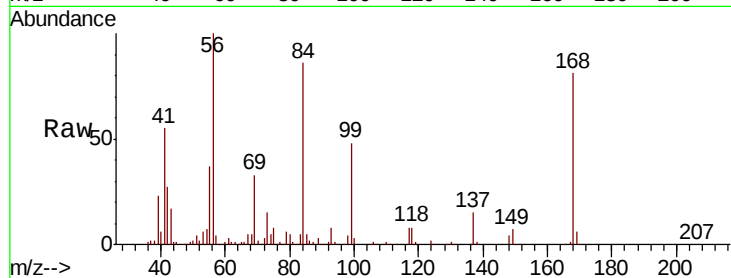
84 85.4 68.6 102.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 51.163 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

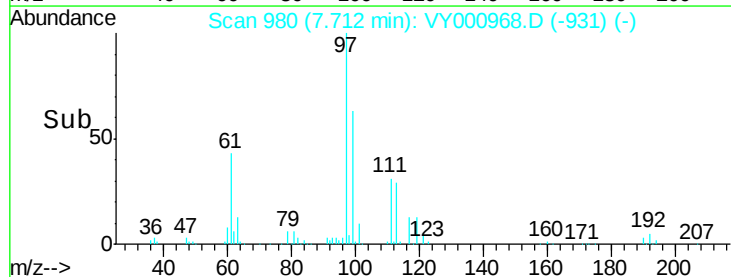
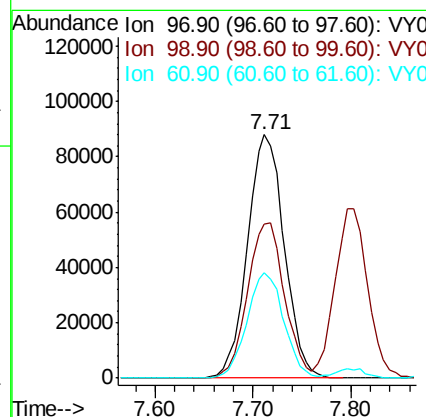
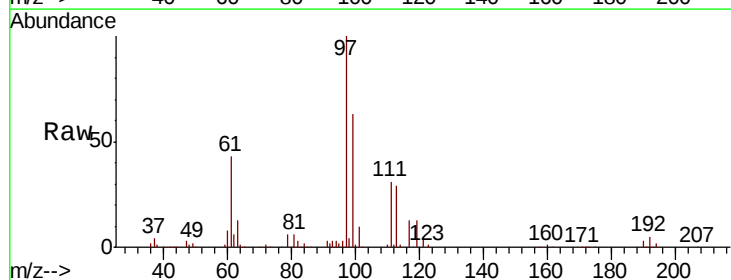
Tgt Ion: 97 Resp: 229341

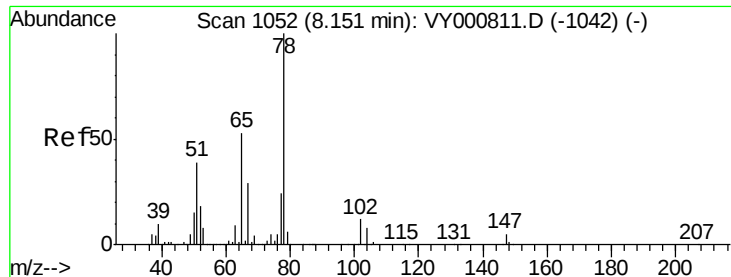
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 43.2 35.0 52.6





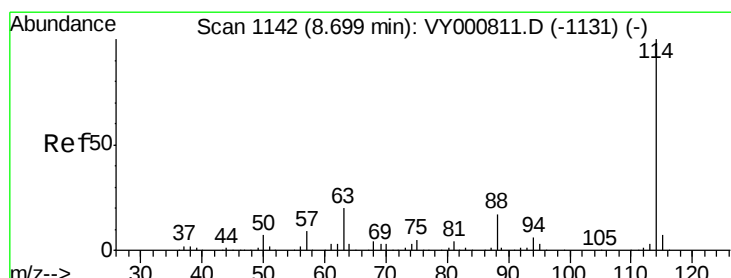
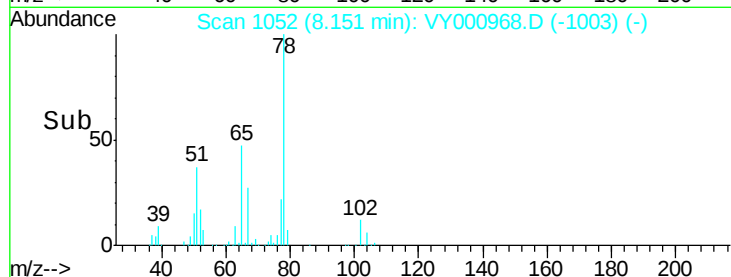
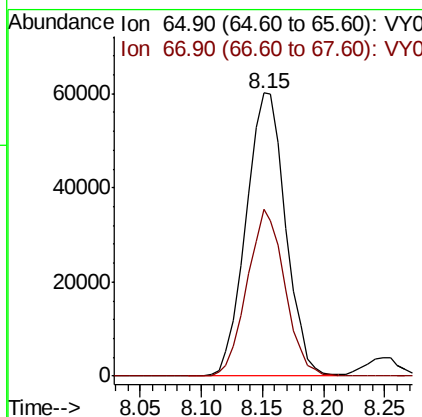
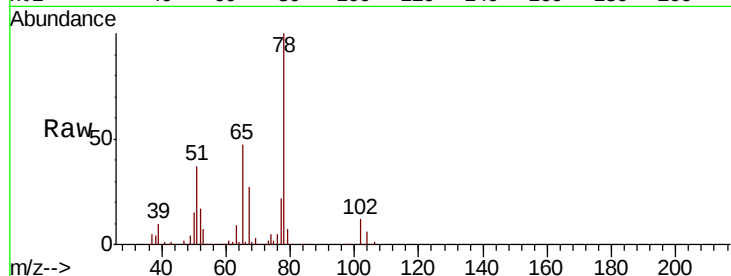
#33
 1,2-Dichloroethane-d4
 Concen: 50.179 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135478		
67	56.0	0.0	112.0	

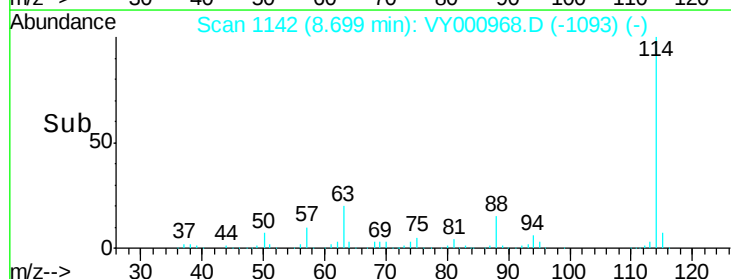
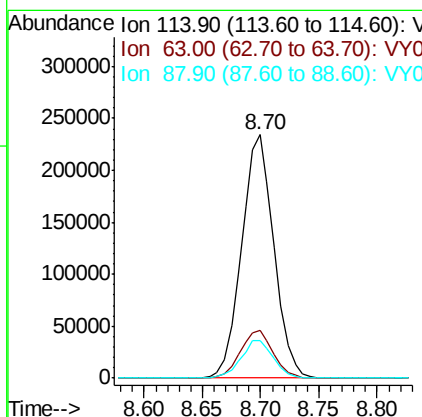
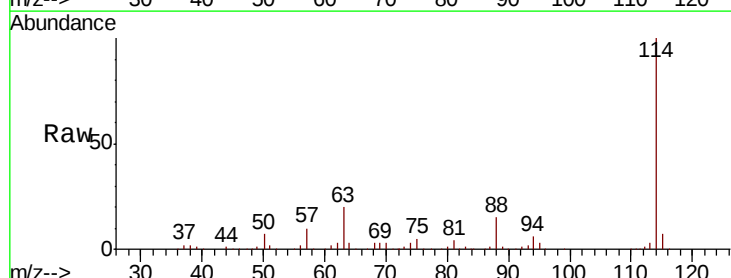
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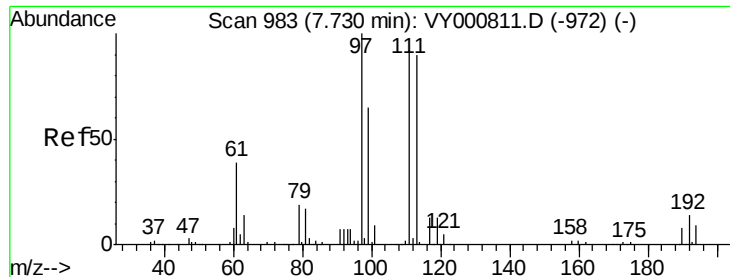
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	450487		
63	19.6	0.0	39.8	
88	15.2	0.0	33.2	





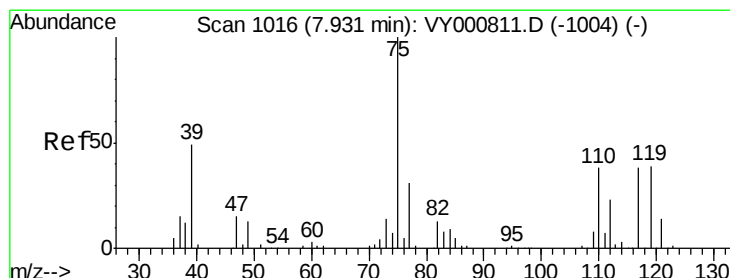
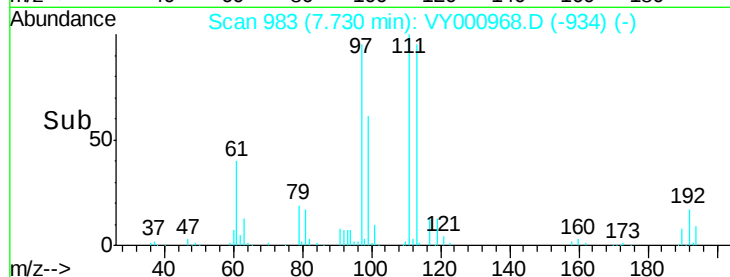
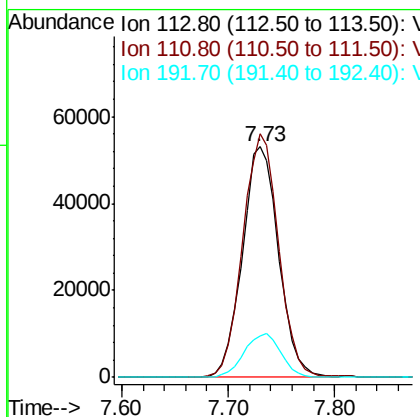
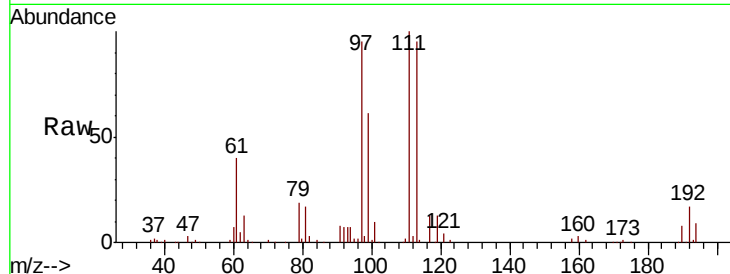
#35
Dibromofluoromethane
Concen: 48.386 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127035		
111	104.1	82.4	123.6	
192	19.2	14.2	21.2	

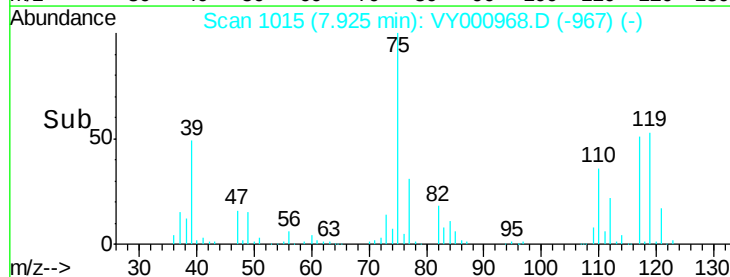
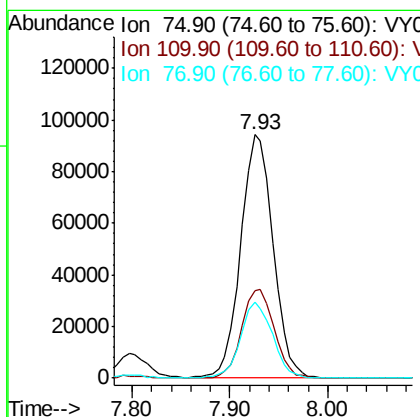
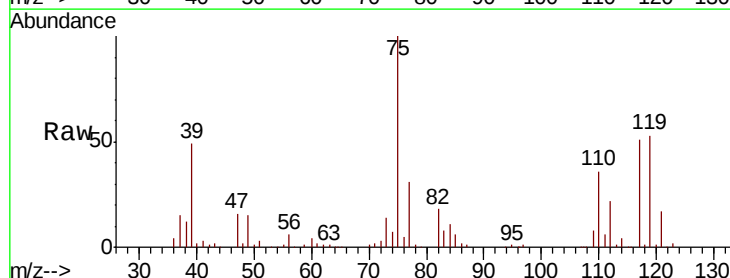
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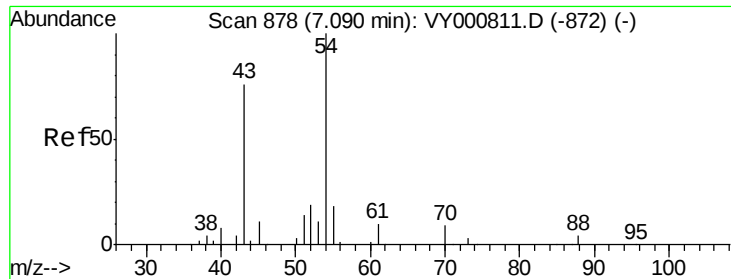
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#36
1,1-Dichloropropene
Concen: 48.624 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	217797		
110	36.5	17.9	53.7	
77	30.7	24.7	37.1	





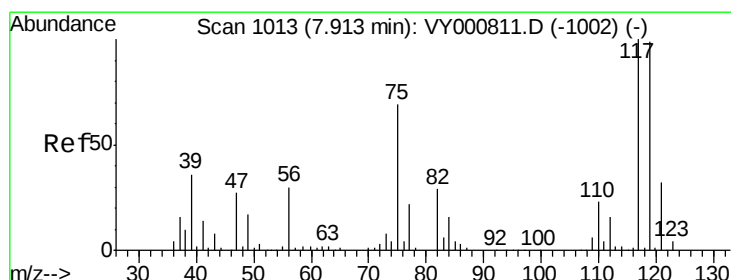
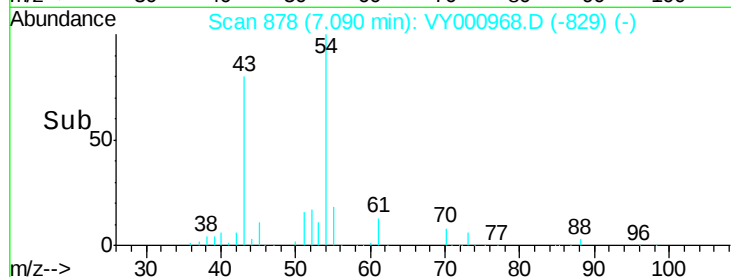
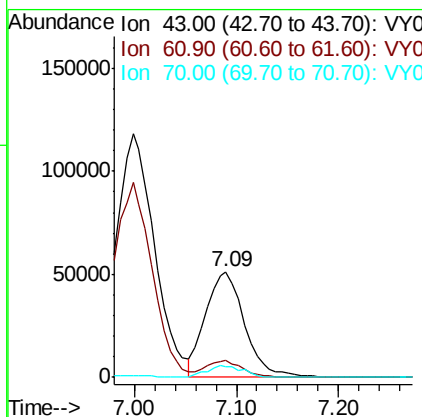
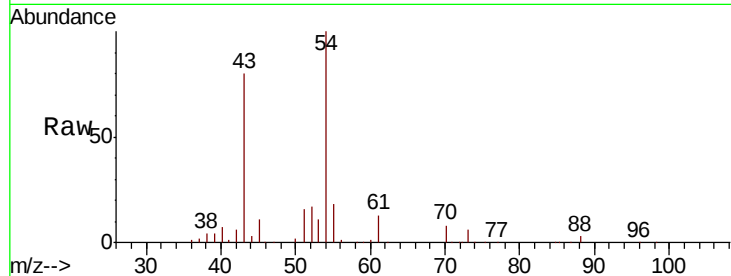
#37
Ethyl Acetate
Concen: 52.465 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.8	17.8
70	10.4	8.7	13.1

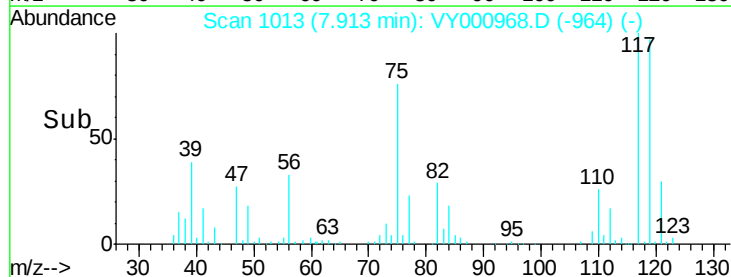
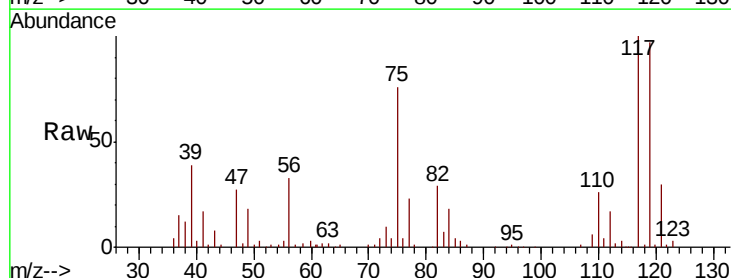
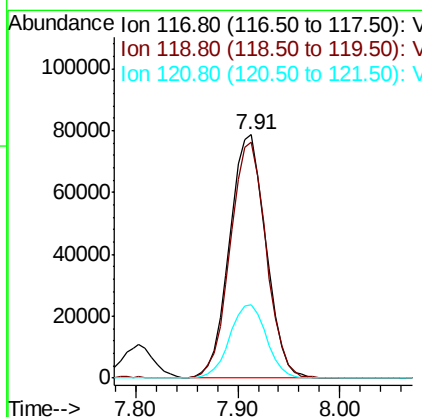
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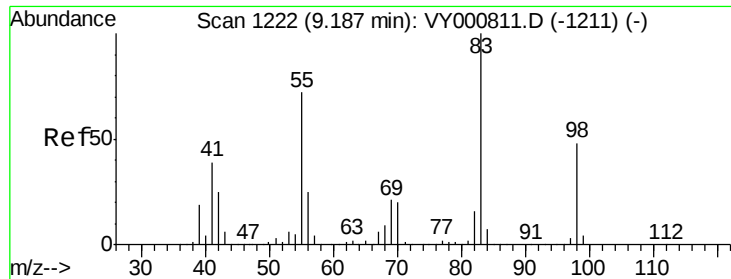
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#38
Carbon Tetrachloride
Concen: 48.785 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.3	118.9
121	30.0	25.5	38.3





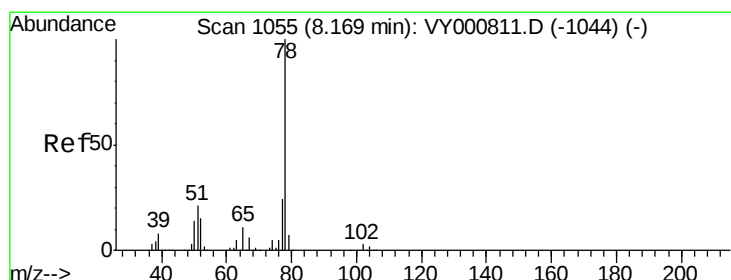
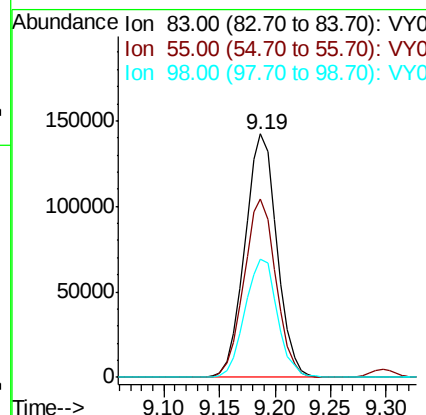
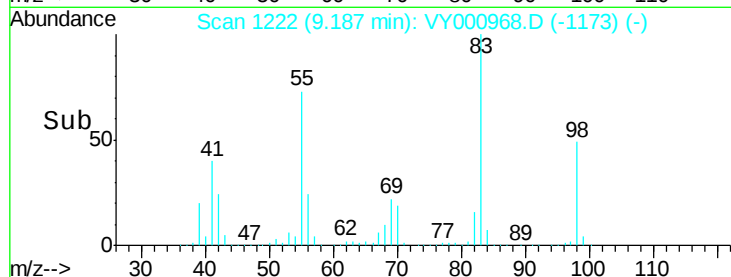
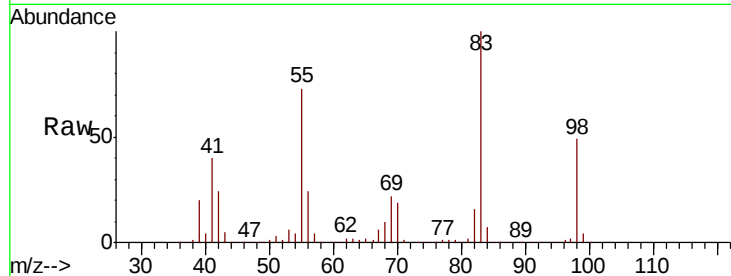
#39
Methvlcvclohexane
Concen: 47.818 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.3	57.8	86.6
98	48.7	38.6	58.0

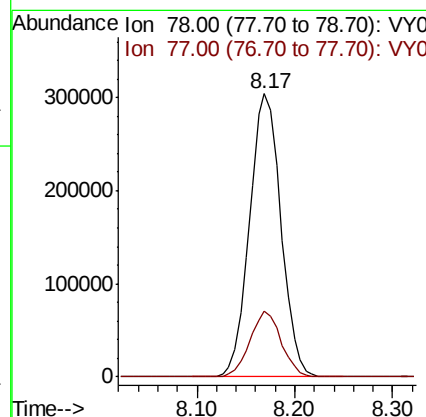
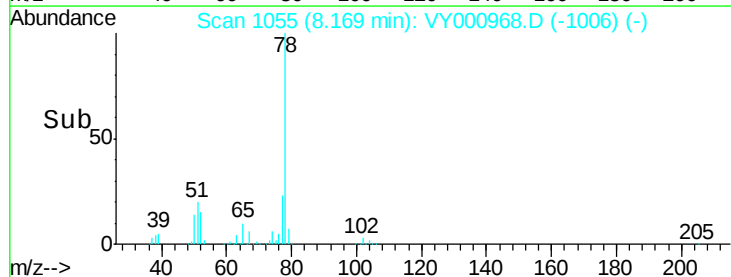
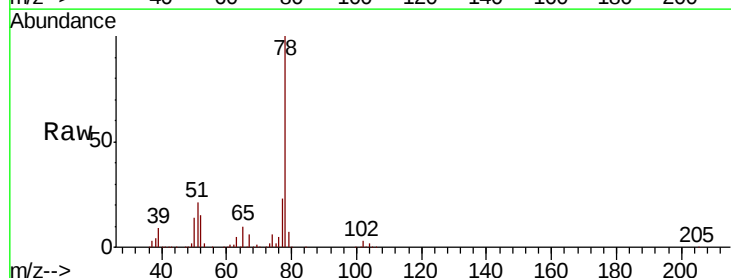
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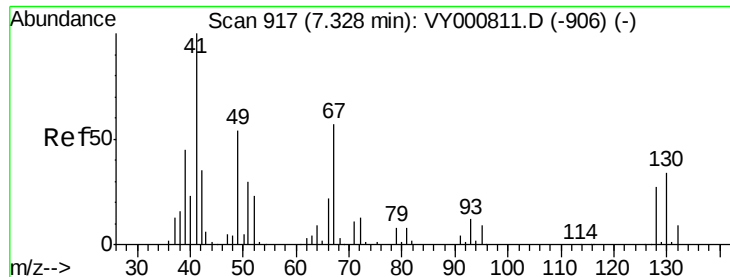
apatel
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#40
Benzene
Concen: 51.911 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





#41

Methacrylonitrile

Concen: 42.982 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 58591

Ion Ratio Lower Upper

41 100

39 0.0 95.7 143.5#

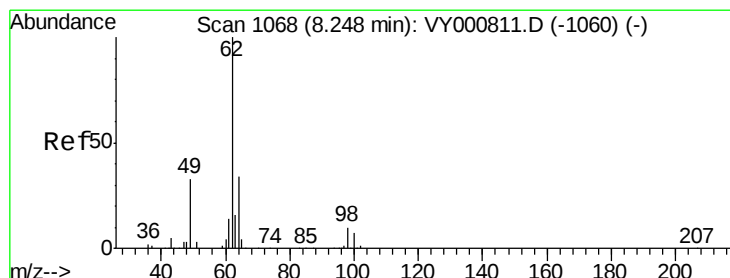
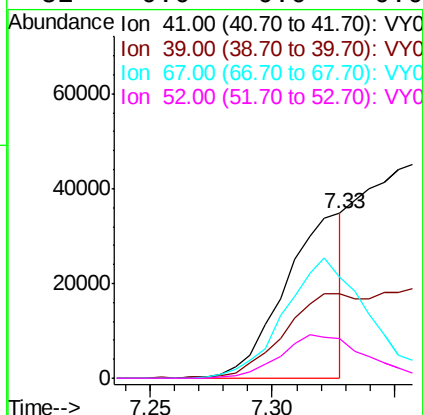
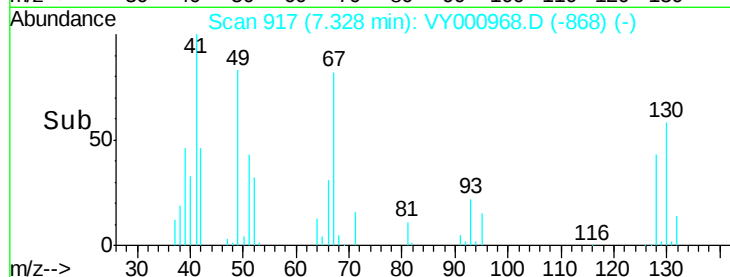
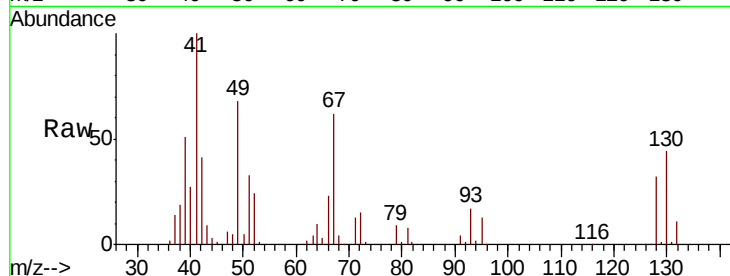
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.875 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000968.D

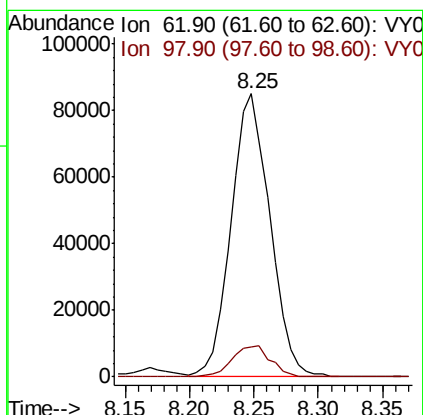
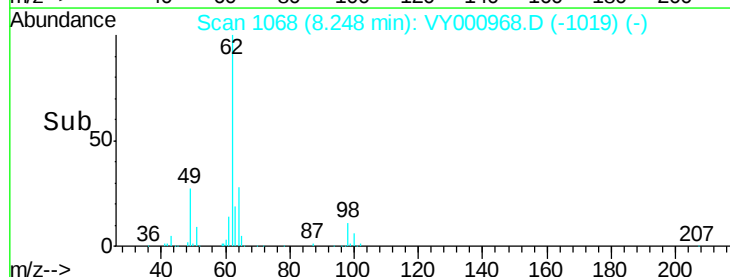
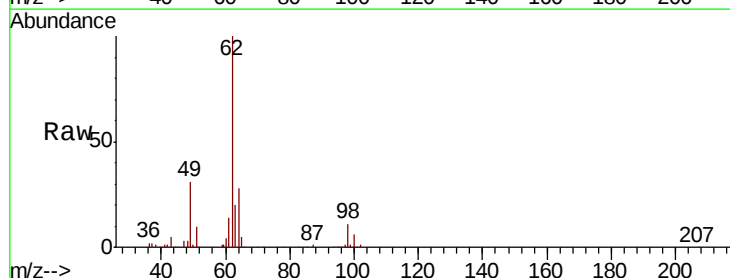
Acq: 16 Dec 2019 20:15

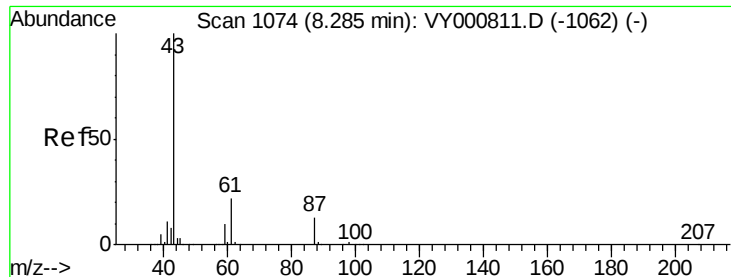
Tgt Ion: 62 Resp: 177995

Ion Ratio Lower Upper

62 100

98 10.9 0.0 21.4





#43

Isopropyl Acetate

Concen: 52.631 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

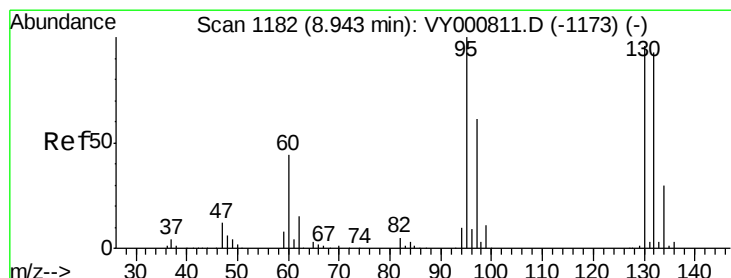
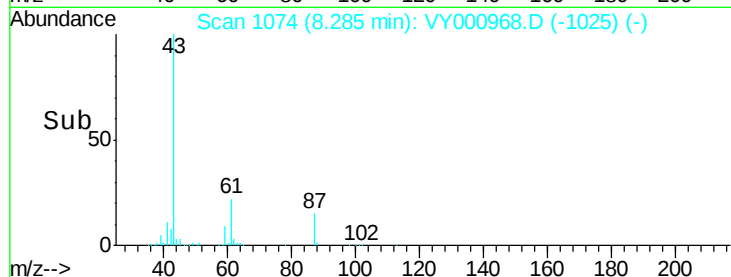
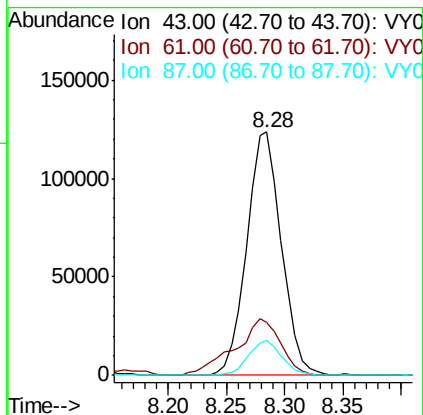
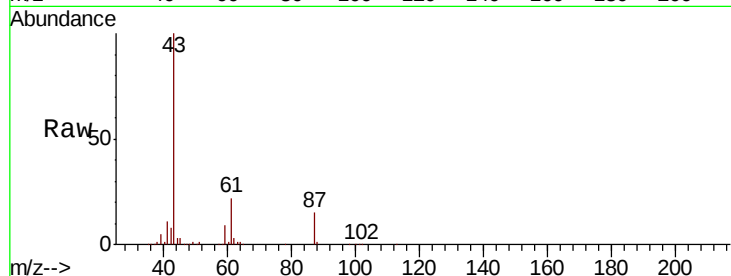
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	256517
Ion Ratio	Lower	Upper	
43	100		
61	30.7	23.7	35.5
87	13.9	10.6	15.8

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#44

Trichloroethene

Concen: 51.478 ug/l

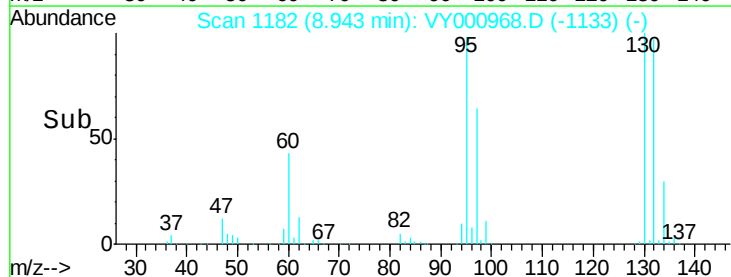
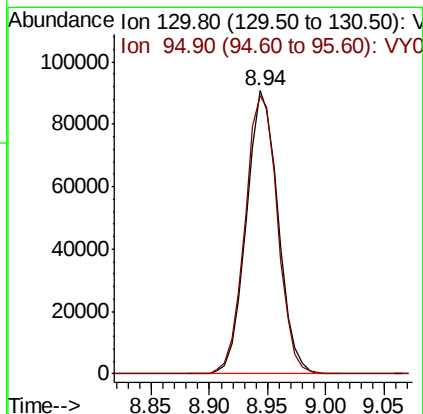
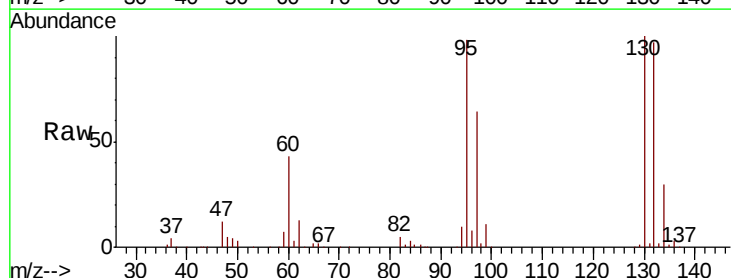
RT: 8.94 min Scan# 1182

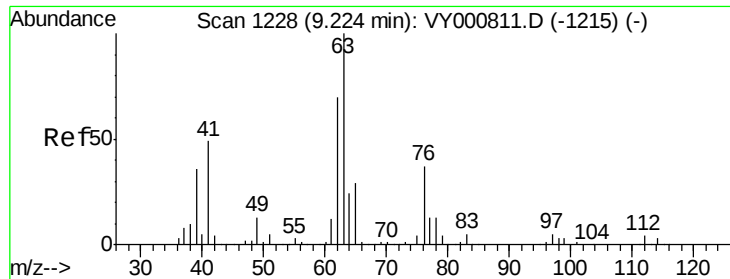
Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Tgt Ion:	130	Resp:	172610
Ion Ratio	Lower	Upper	
130	100		
95	98.3	0.0	207.8





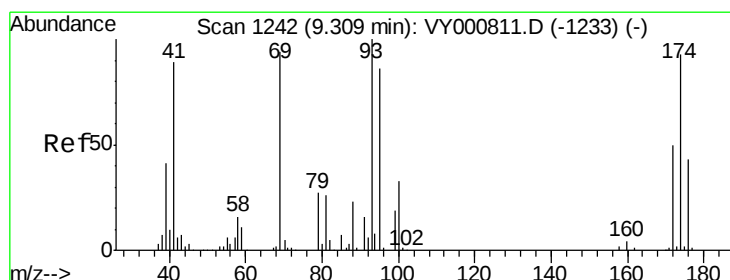
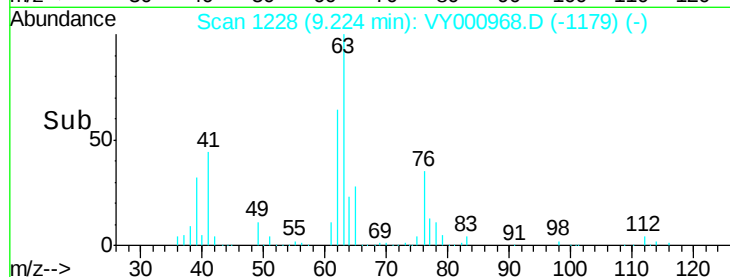
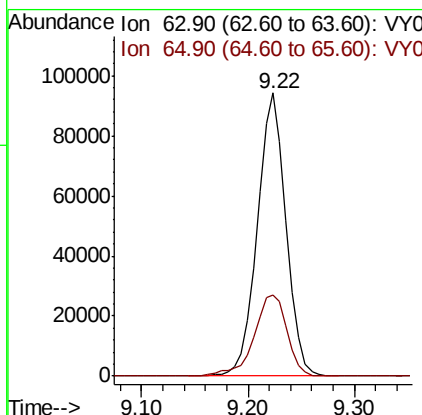
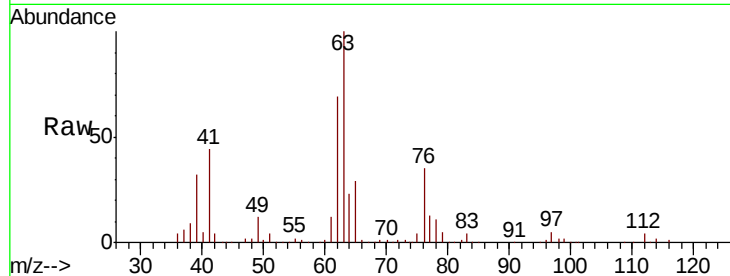
#45
 1,2-Dichloropropane
 Concen: 54.078 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 177224
 Ion Ratio Lower Upper
 63 100
 65 28.9 23.2 34.8

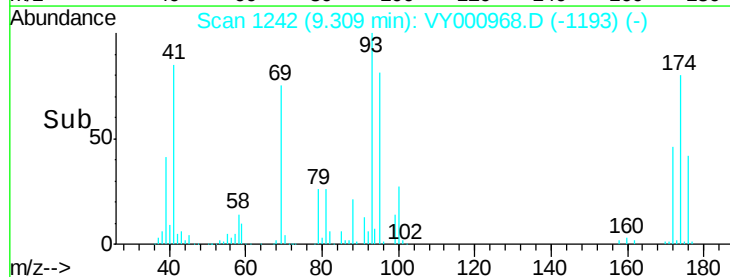
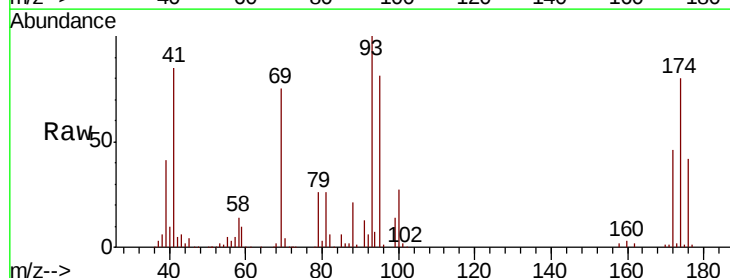
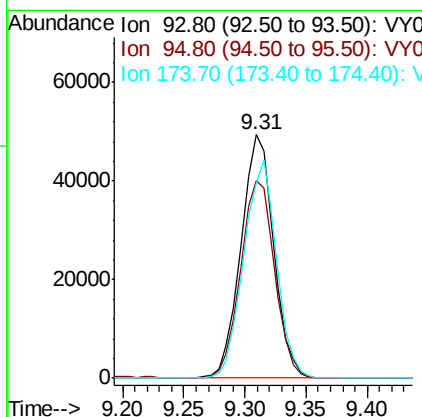
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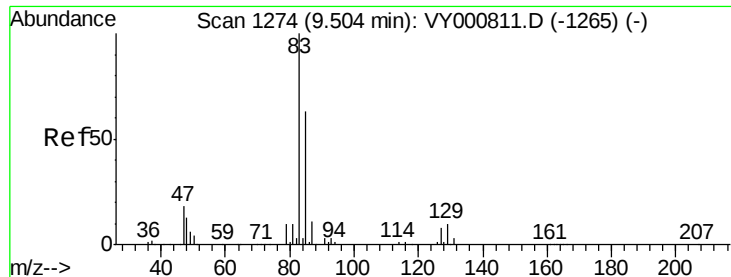
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#46
 Dibromomethane
 Concen: 53.625 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion: 93 Resp: 91824
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.4 99.6
 174 89.9 73.0 109.6





#47

Bromodichloromethane

Concen: 53.451 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

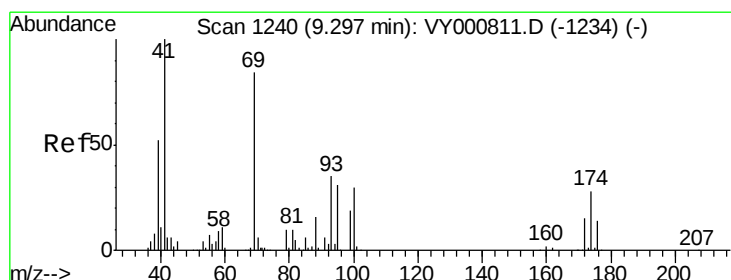
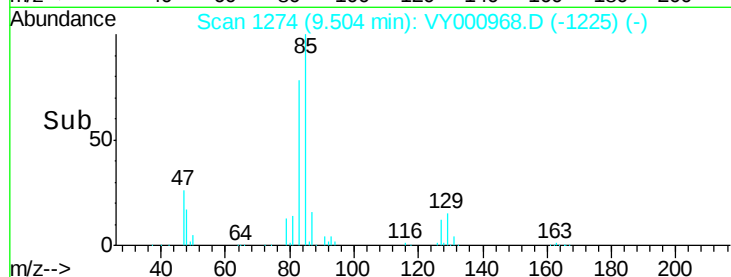
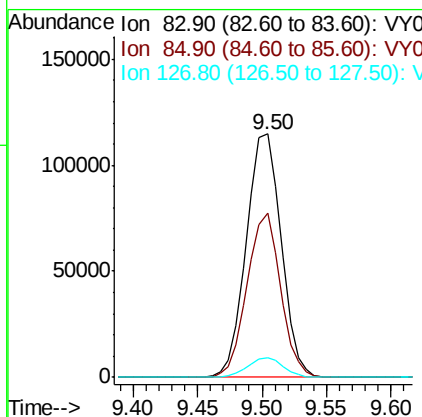
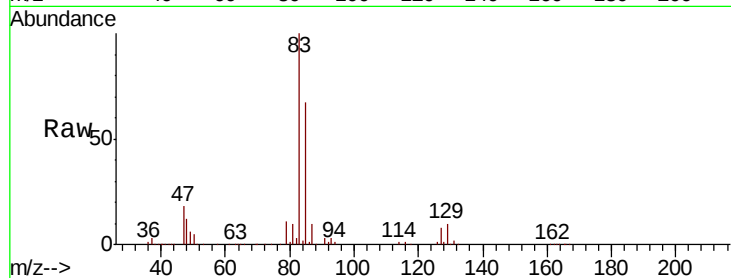
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	215006
Ion	Ratio	Lower	Upper
83	100		
85	67.5	50.8	76.2
127	8.0	6.6	10.0

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#48

Methyl methacrylate

Concen: 53.983 ug/l

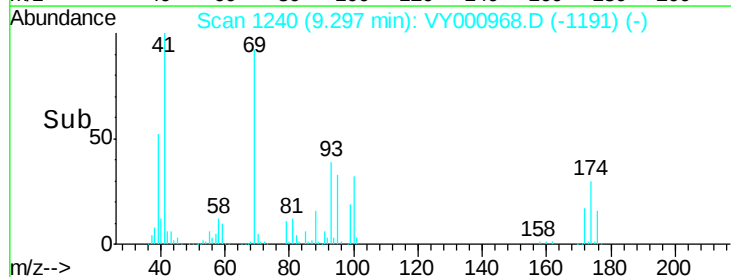
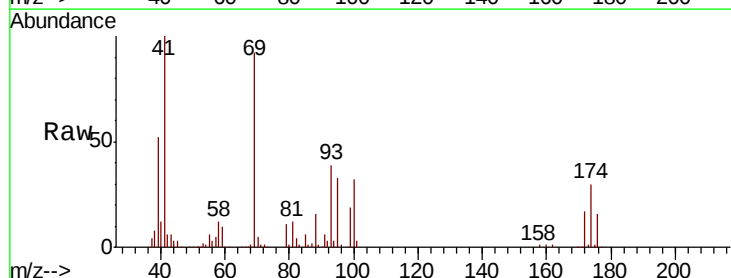
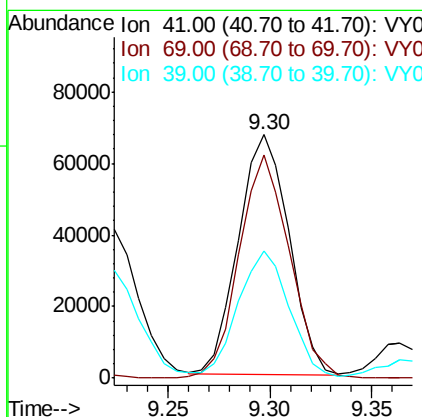
RT: 9.30 min Scan# 1240

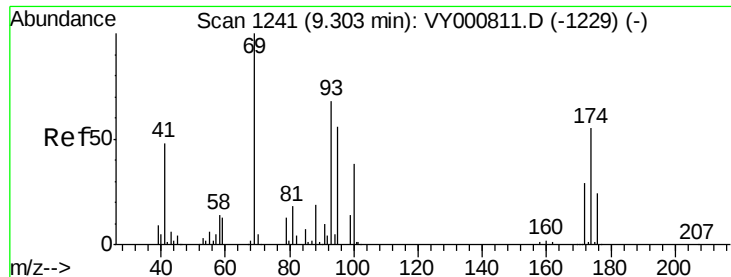
Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Tgt Ion:	41	Resp:	115698
Ion	Ratio	Lower	Upper
41	100		
69	92.7	70.4	105.6
39	54.4	40.9	61.3





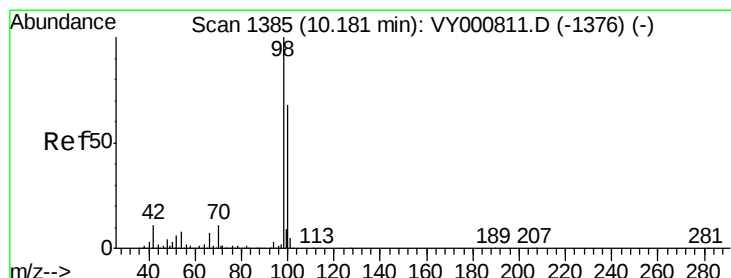
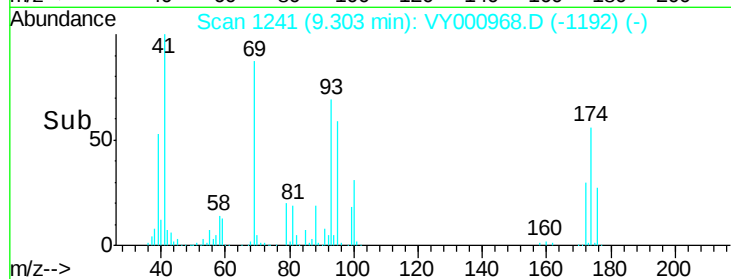
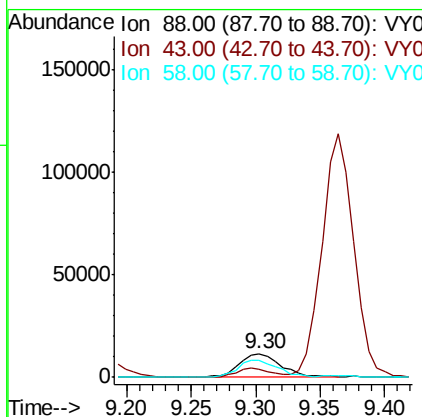
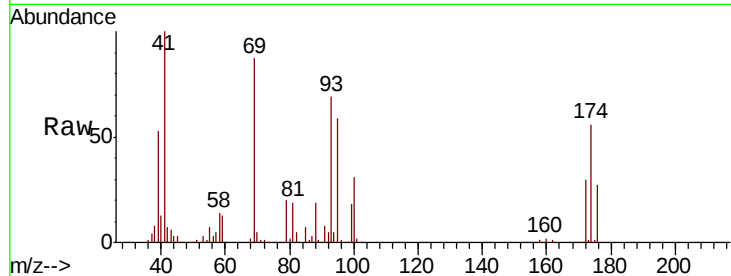
#49
1,4-Dioxane
Concen: 1094.954 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	21.1	31.7
58	70.1	50.7	76.1

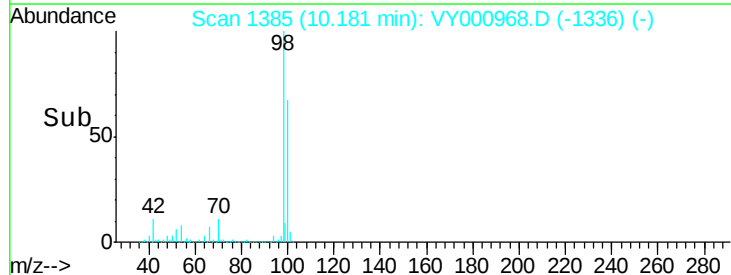
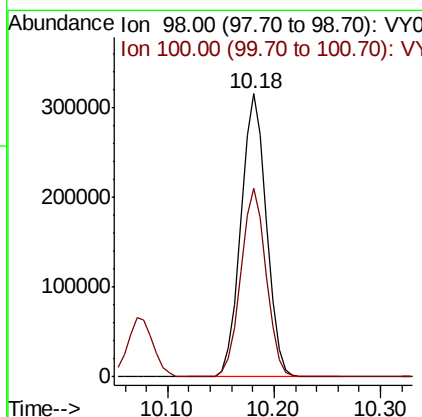
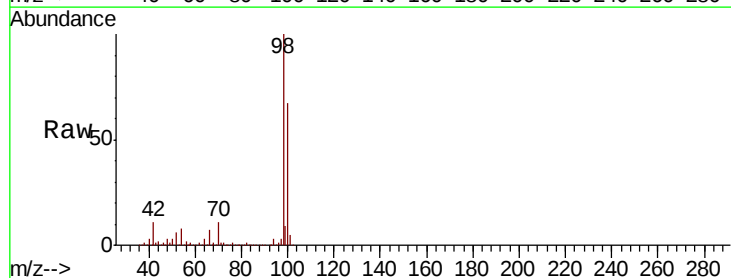
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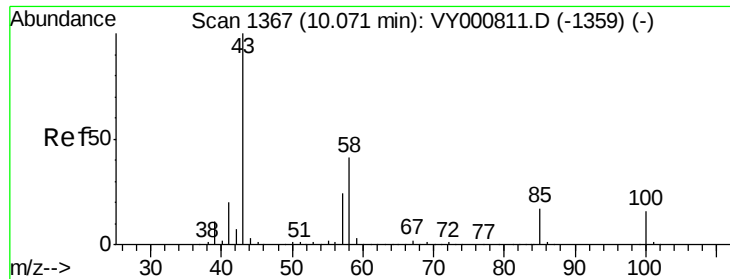
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#50
Toluene-d8
Concen: 50.367 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 277.574 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 698997

Ion Ratio Lower Upper

43 100

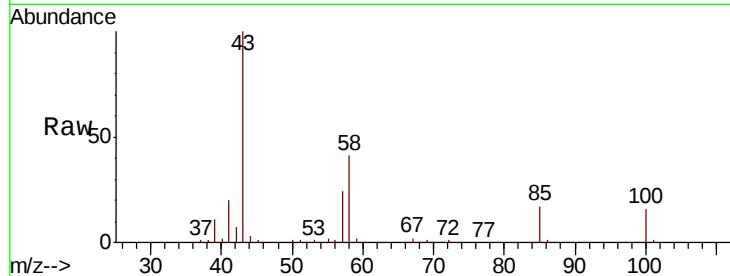
58 41.0 33.1 49.7

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Abundance Ion 43.00 (42.70 to 43.70): VY000968.D (-1318) (-)

Ion 58.00 (57.70 to 58.70): VY000968.D (-1318) (-)

10.07

400000

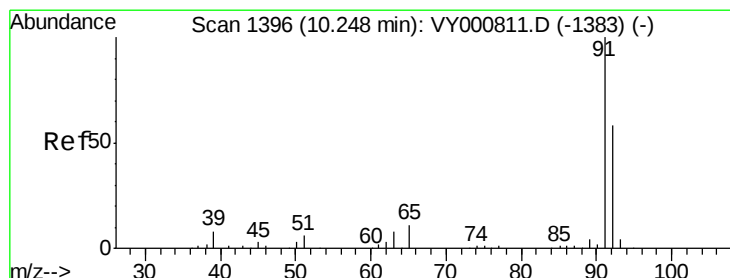
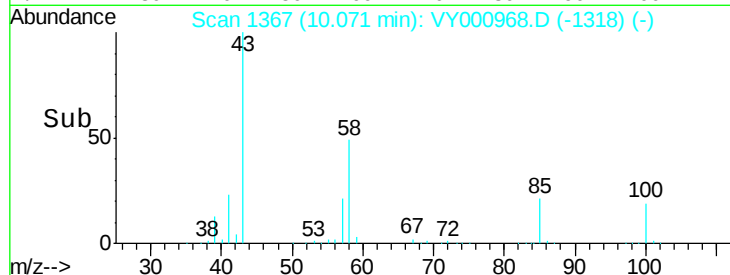
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.517 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000968.D

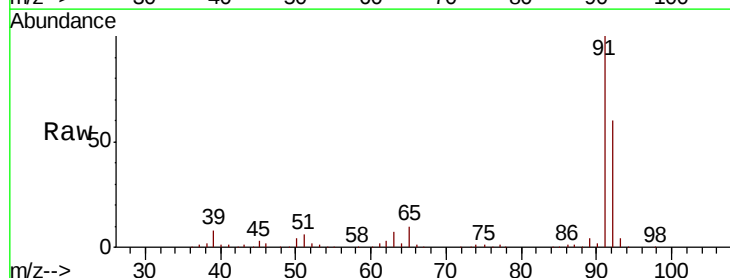
Acq: 16 Dec 2019 20:15

Tgt Ion: 92 Resp: 424240

Ion Ratio Lower Upper

92 100

91 169.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY000968.D (-1347) (-)

Ion 91.00 (90.70 to 91.70): VY000968.D (-1347) (-)

10.25

500000

400000

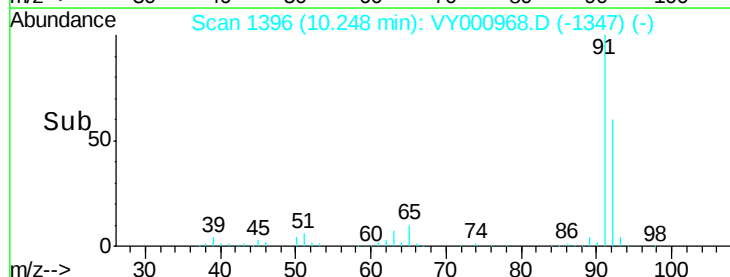
300000

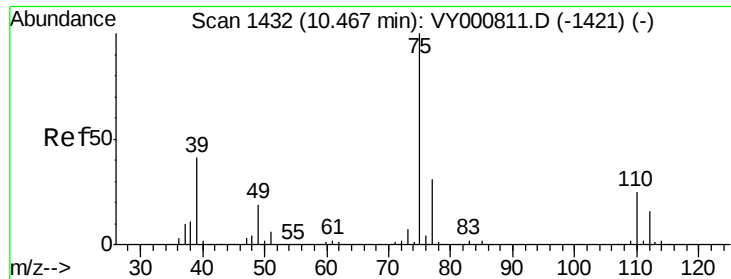
200000

100000

0

Time-->





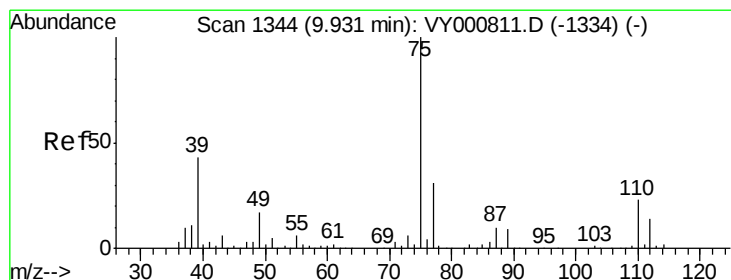
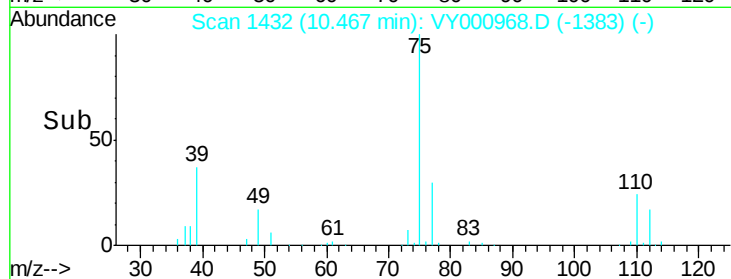
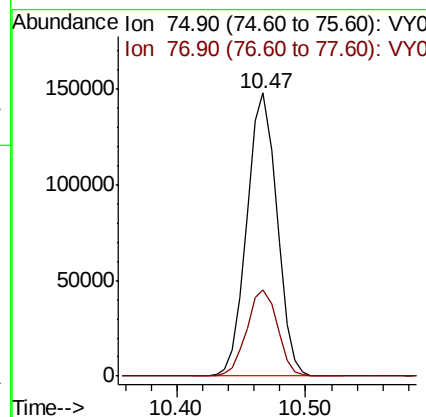
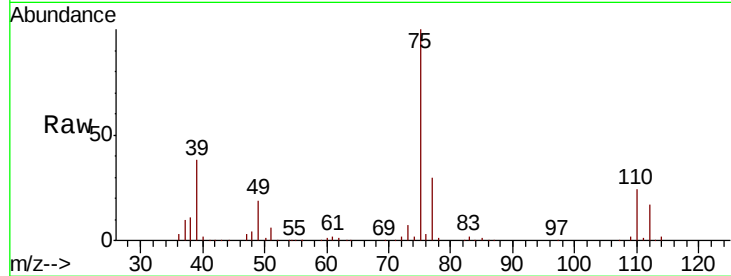
#53
t-1,3-Dichloropropene
Concen: 55.235 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 238704
Ion Ratio Lower Upper
75 100
77 30.3 25.1 37.7

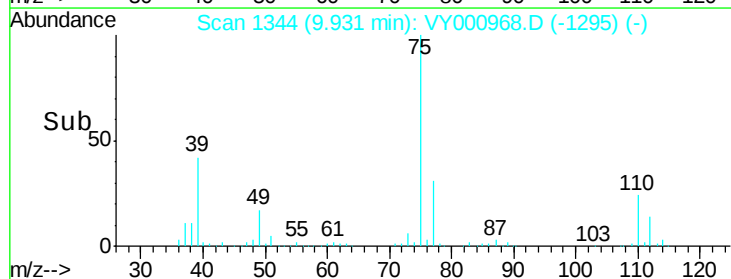
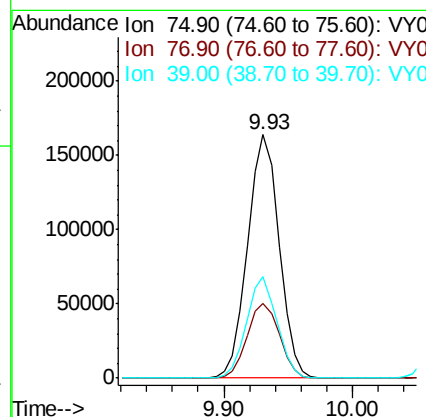
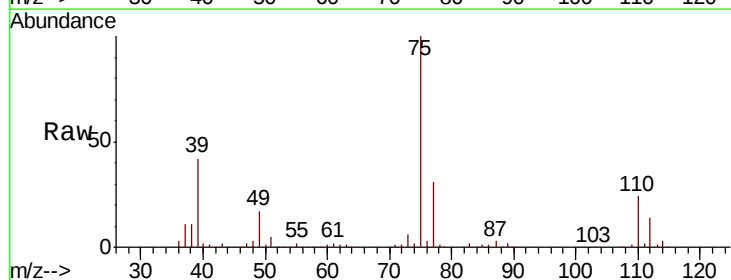
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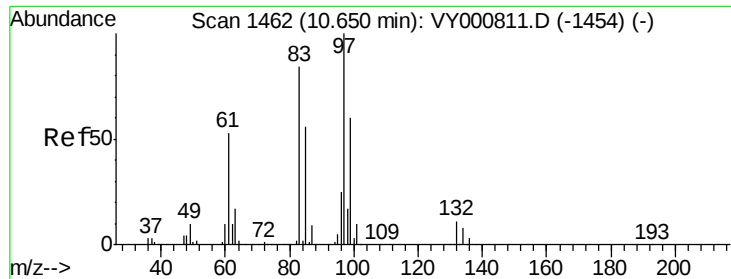
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#54
cis-1,3-Dichloropropene
Concen: 54.036 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion: 75 Resp: 276027
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1
39 41.5 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 55.544 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

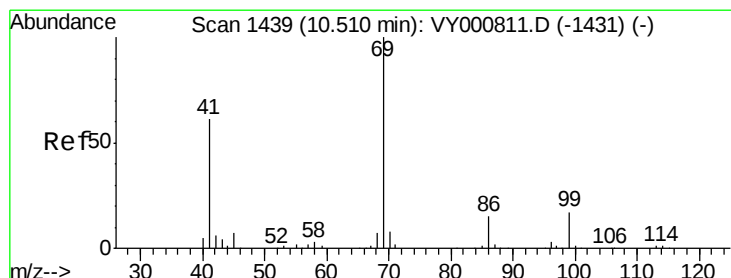
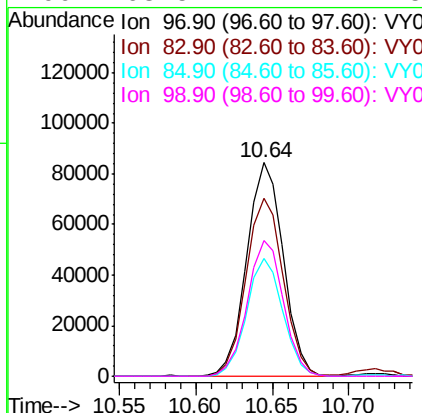
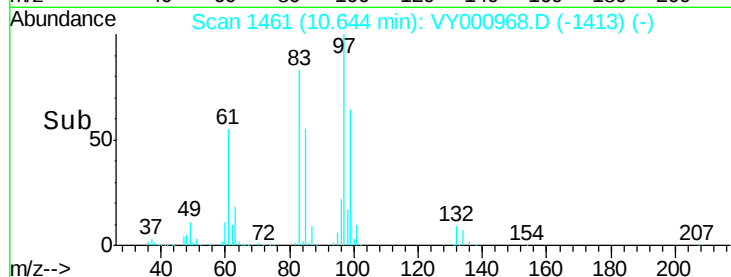
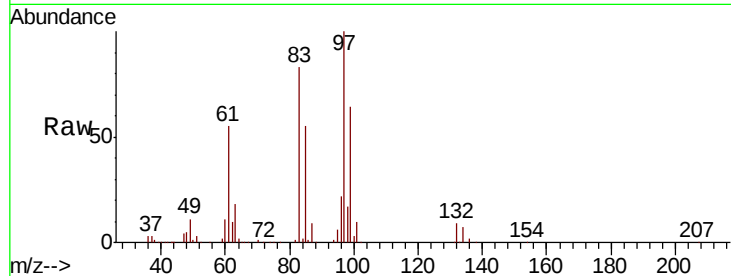
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	140517
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.5	101.3
85	55.2	44.5	66.7
99	63.5	47.7	71.5

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#56

Ethyl methacrylate

Concen: 56.596 ug/l

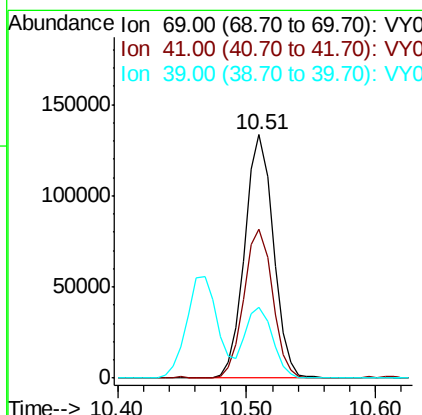
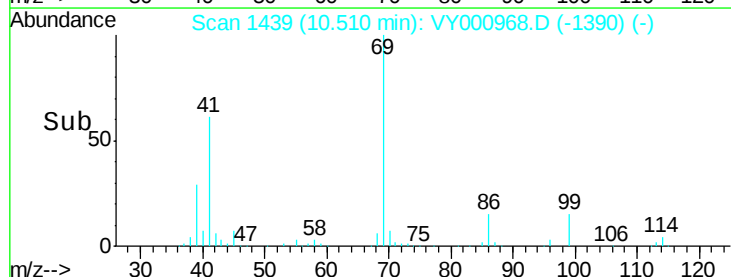
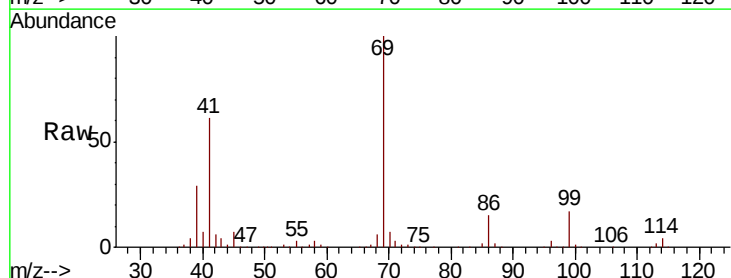
RT: 10.51 min Scan# 1439

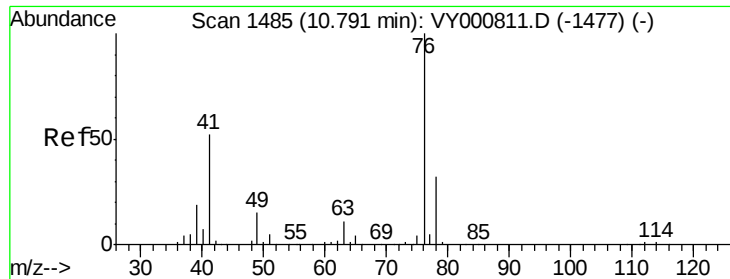
Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Tgt Ion:	69	Resp:	204823
Ion	Ratio	Lower	Upper
69	100		
41	61.1	49.0	73.6
39	27.3	23.1	34.7





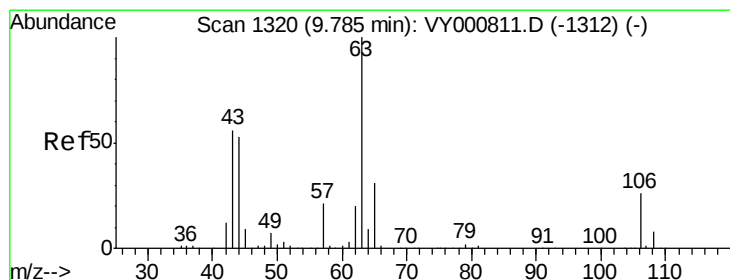
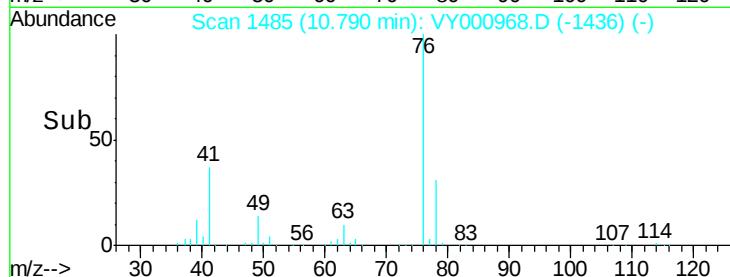
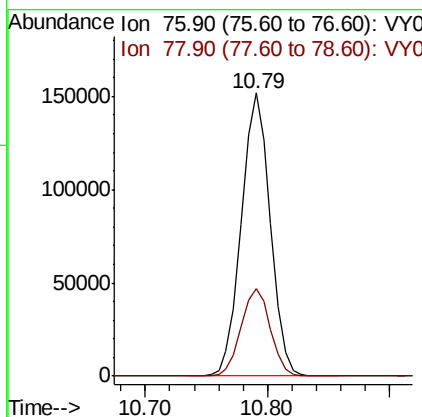
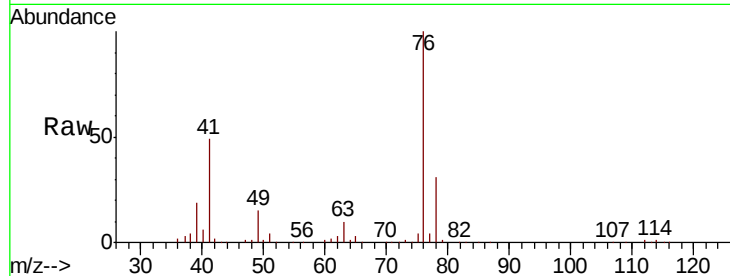
#57
 1,3-Dichloropropane
 Concen: 56.303 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.4	39.6

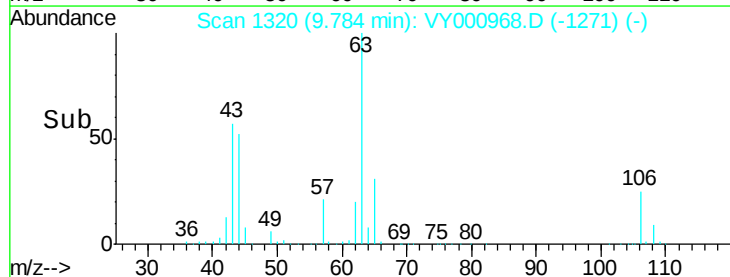
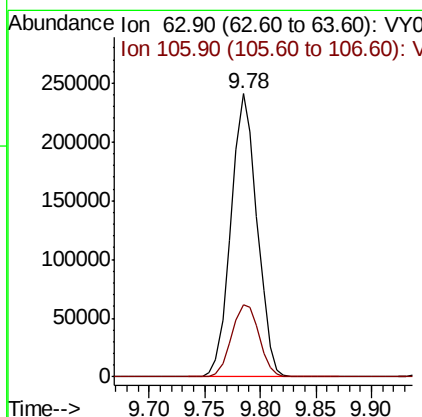
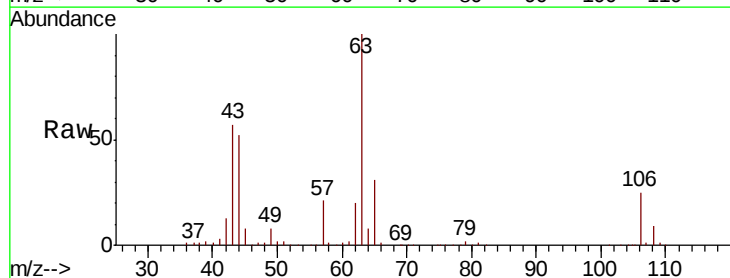
Manual Integrations
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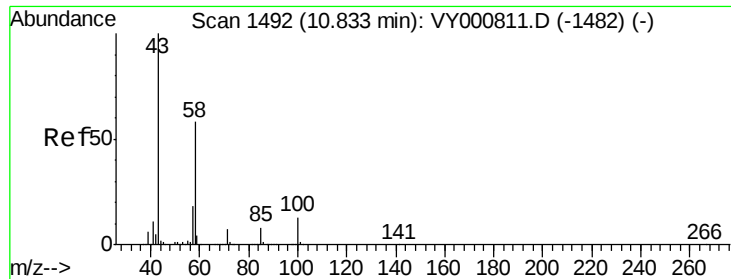
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#58
 2-Chloroethyl Vinyl ether
 Concen: 268.706 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.5	32.3





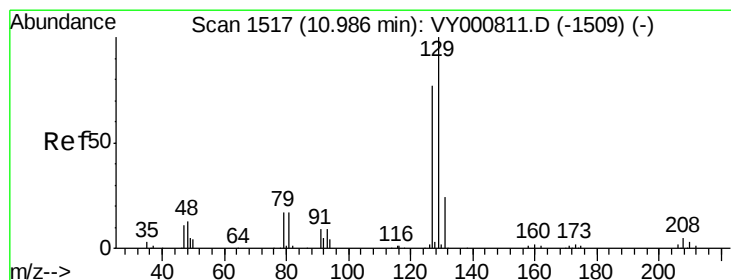
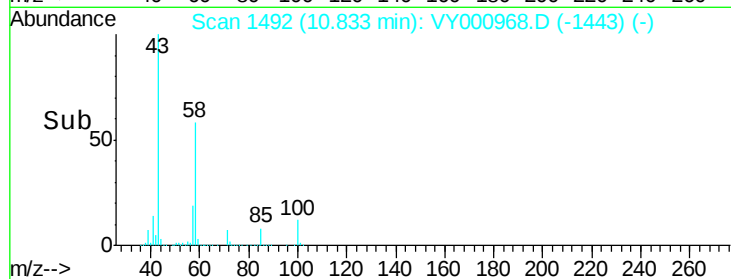
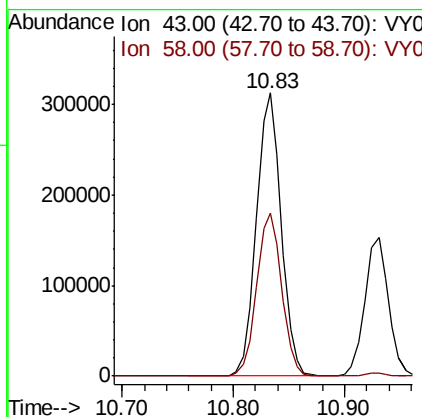
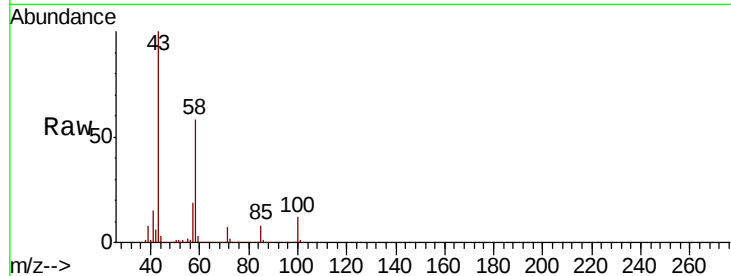
#59
2-Hexanone
Concen: 264.953 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	486184
Ion Ratio	100	Lower	Upper
43	100		
58	58.0	29.0	87.1

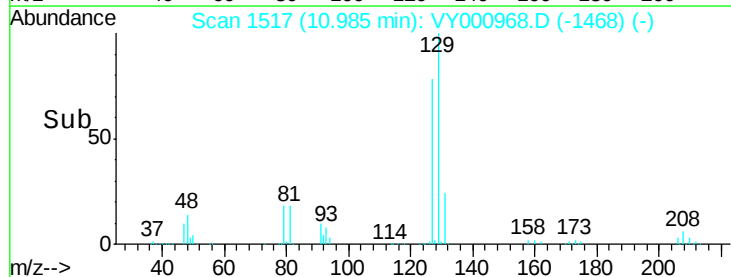
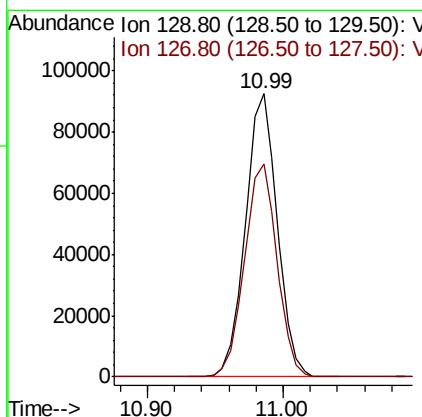
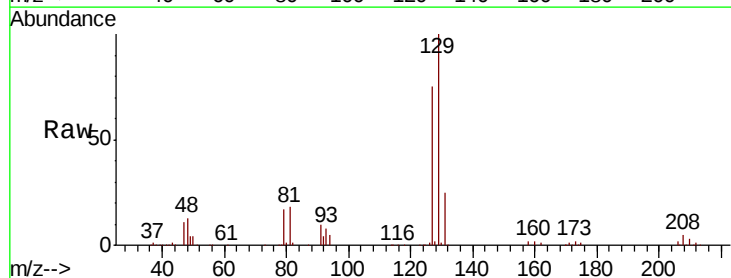
Manual Integrations
APPROVED

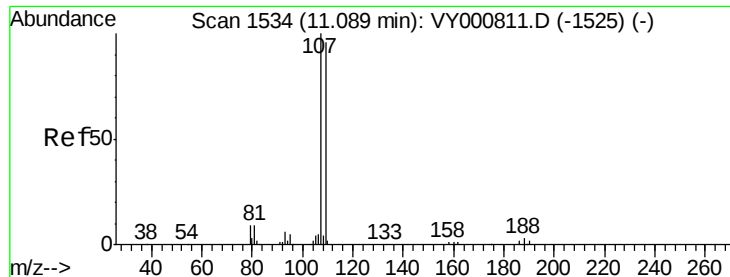
apatel
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#60
Dibromochloromethane
Concen: 55.632 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	129	Resp	151507
Ion Ratio	100	Lower	Upper
129	100		
127	76.8	39.1	117.2





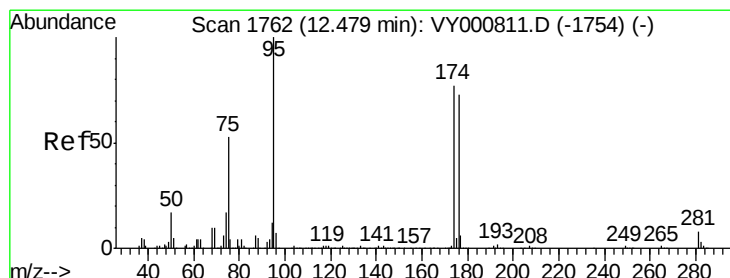
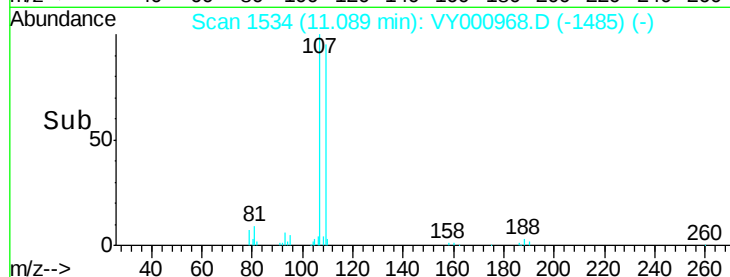
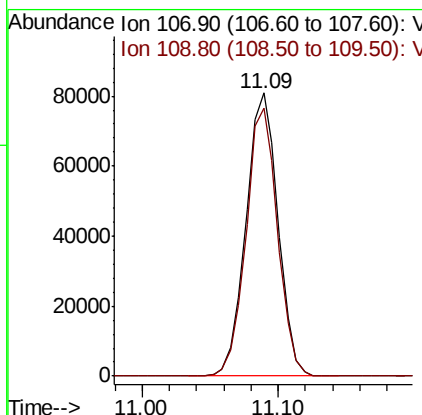
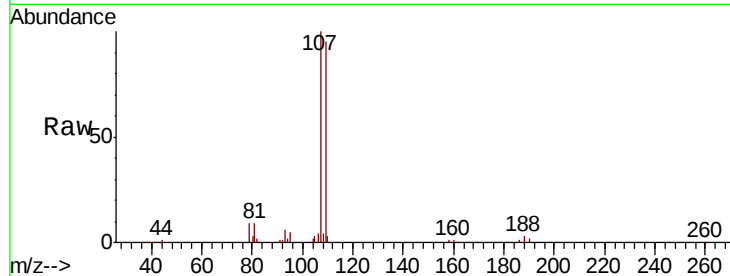
#61
 1,2-Dibromoethane
 Concen: 55.911 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.9	113.9

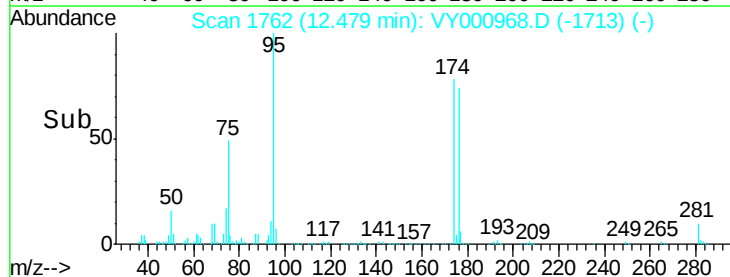
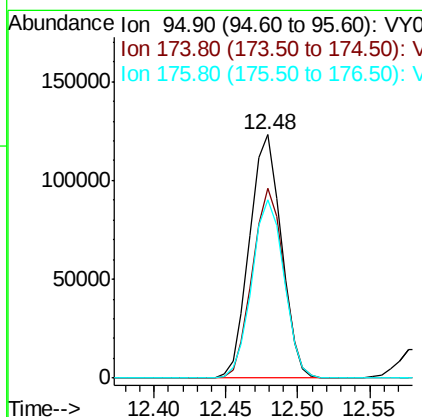
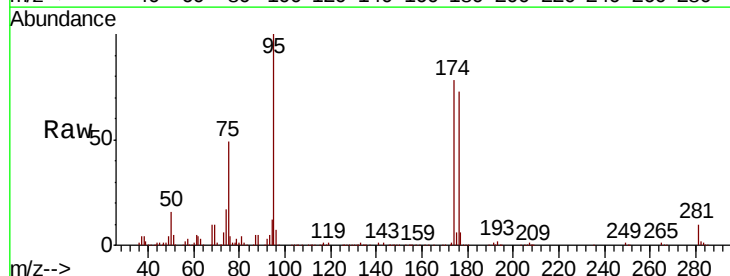
Manual Integrations
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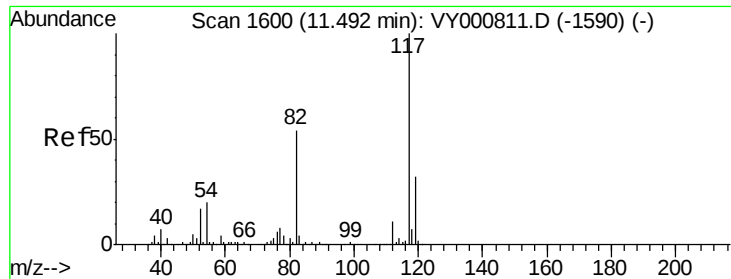
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.740 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	150.6
176	74.0	0.0	145.2





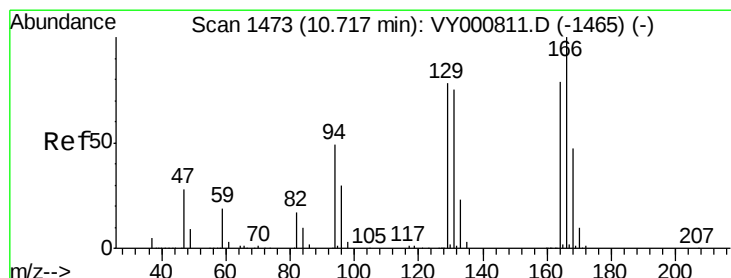
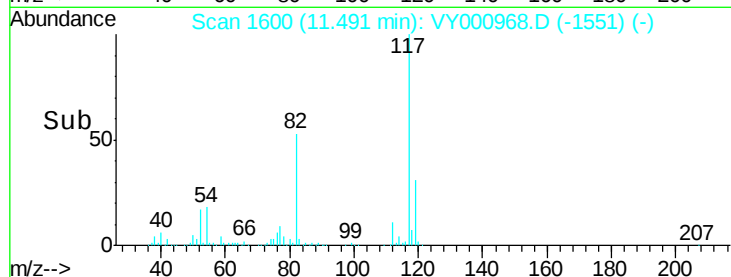
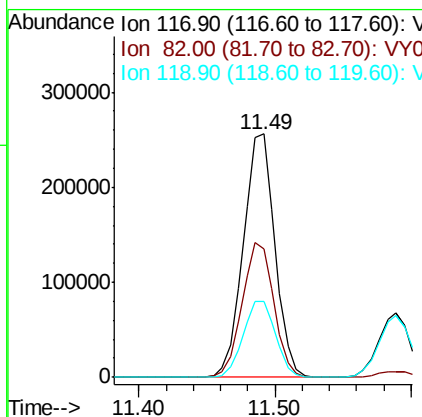
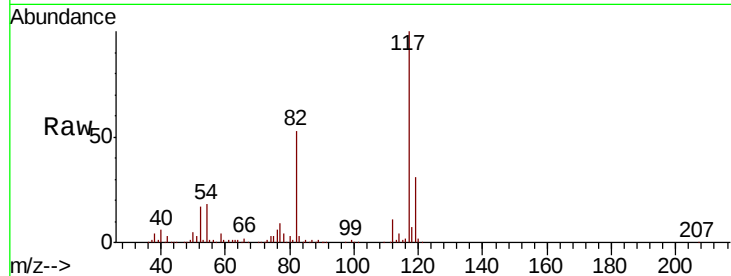
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.1	64.7
119	31.3	25.3	37.9

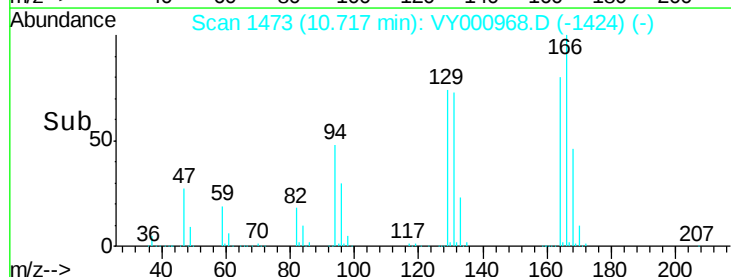
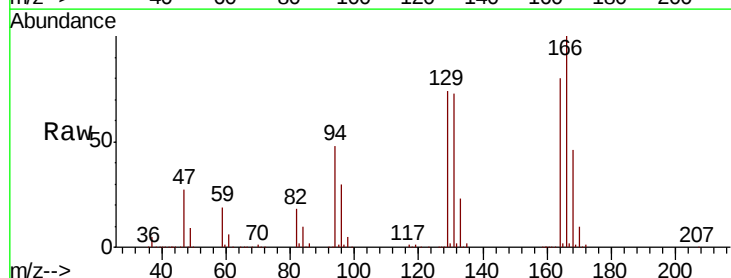
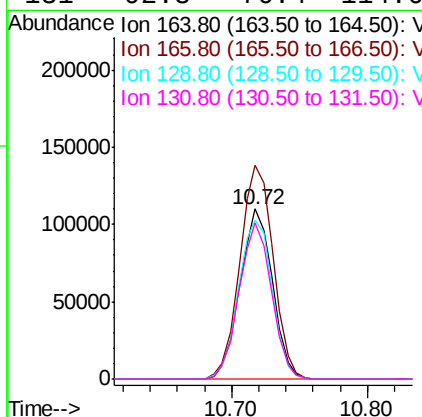
Manual Integrations
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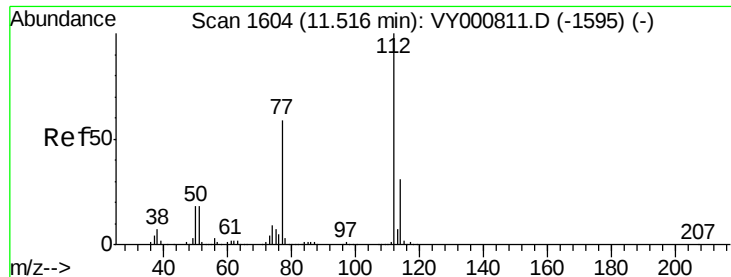
apatel
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#64
Tetrachloroethene
Concen: 50.799 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	101.8	152.8
129	93.2	79.3	118.9
131	92.3	76.4	114.6





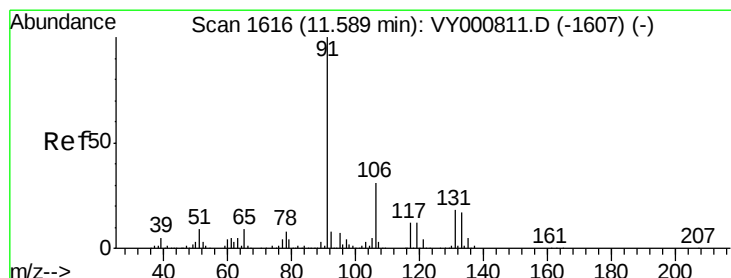
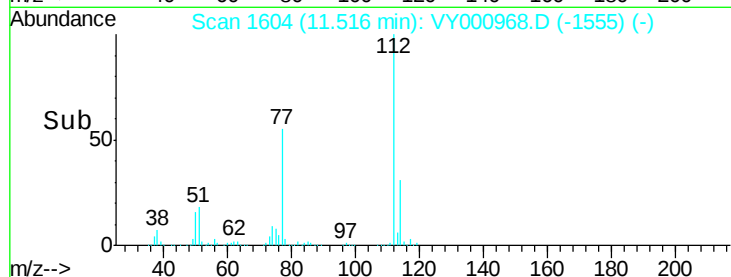
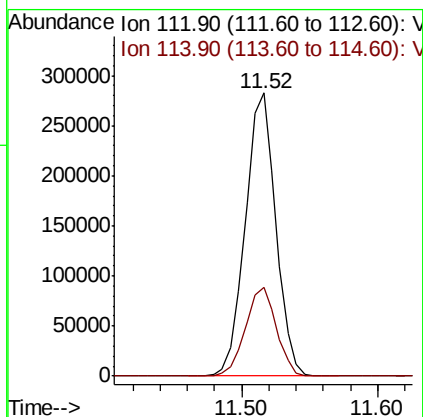
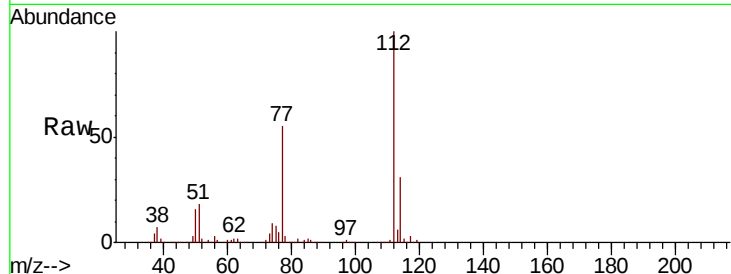
#65
Chlorobenzene
Concen: 51.381 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

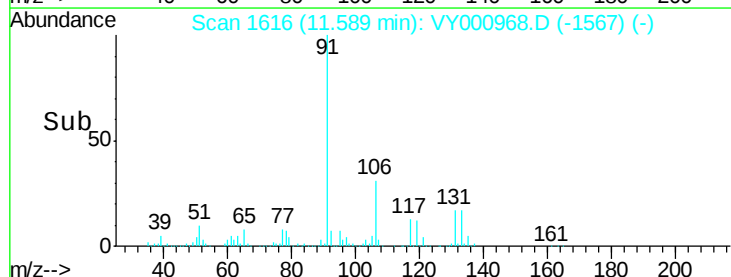
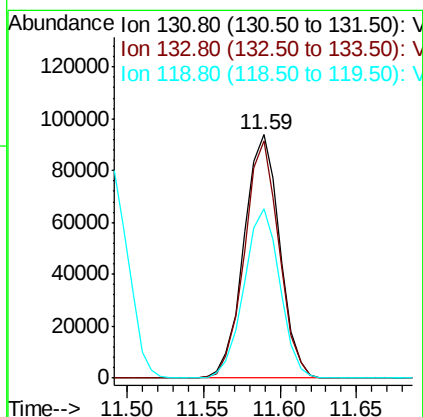
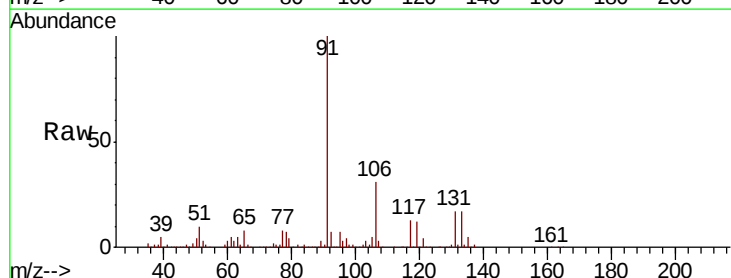
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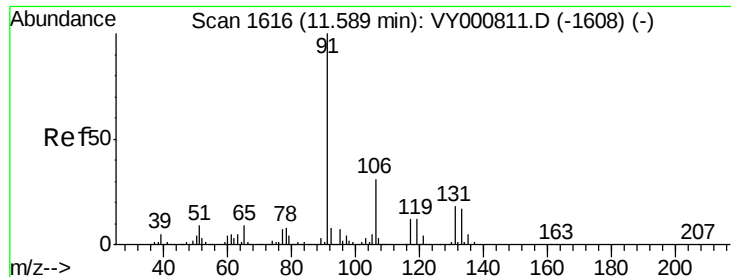
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.509 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.4	142.2
119	69.7	33.8	101.3





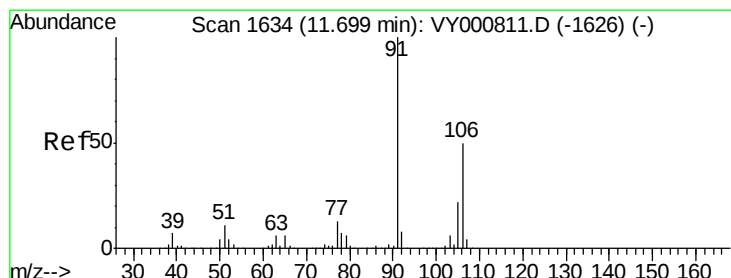
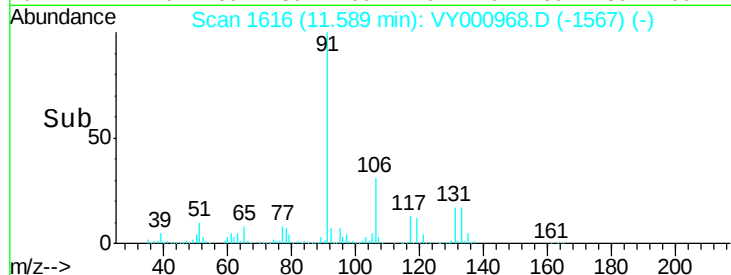
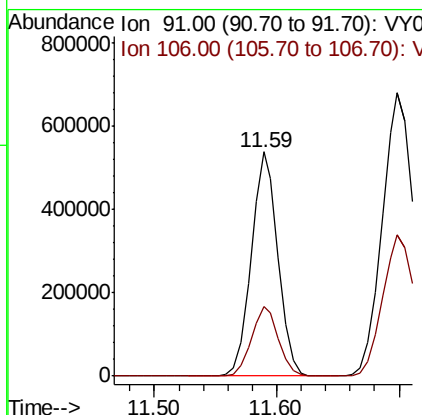
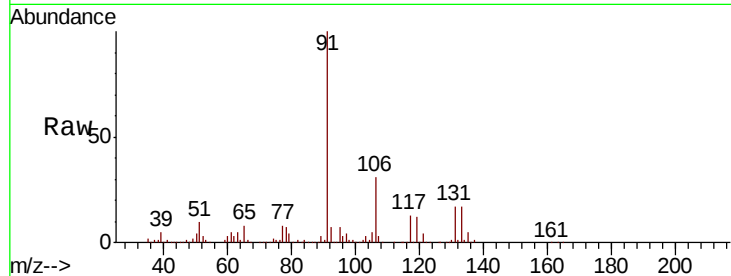
#67
Ethyl Benzene
Concen: 50.559 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 813342
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6

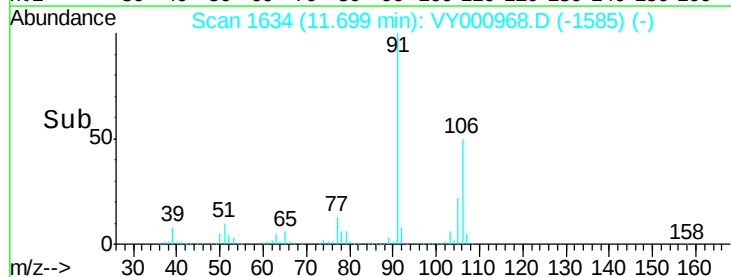
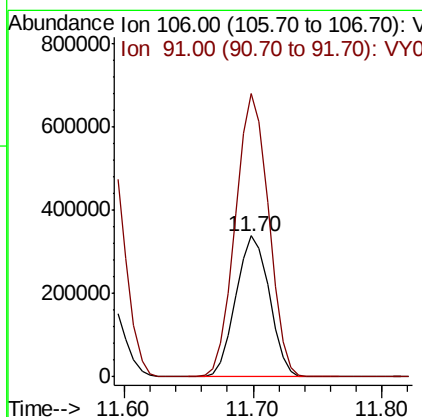
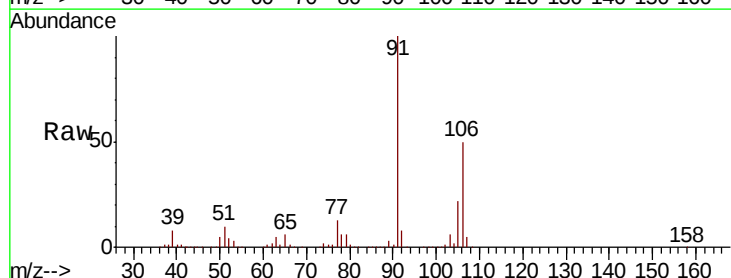
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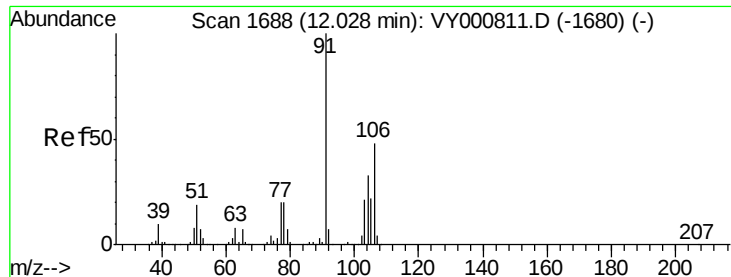
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#68
m/p-Xylenes
Concen: 101.548 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion: 106 Resp: 613155
Ion Ratio Lower Upper
106 100
91 198.6 159.6 239.4





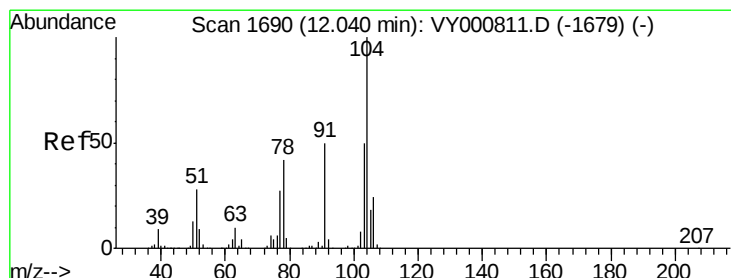
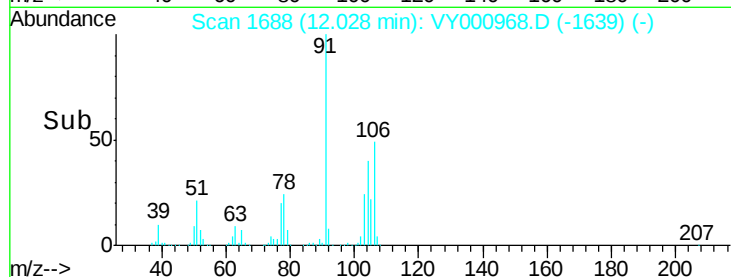
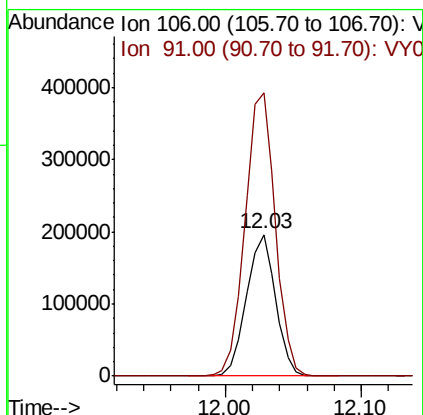
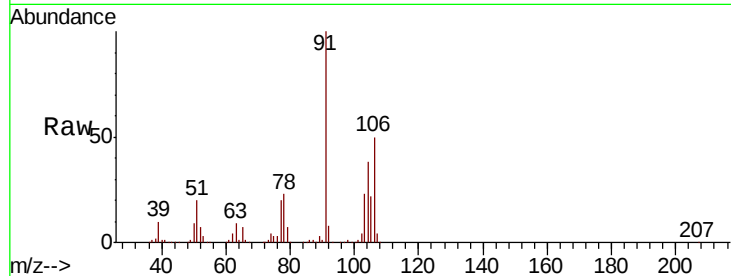
#69
o-Xylene
Concen: 52.210 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.7	106.1	318.1	

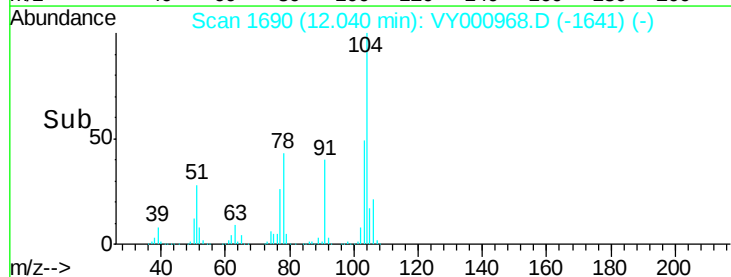
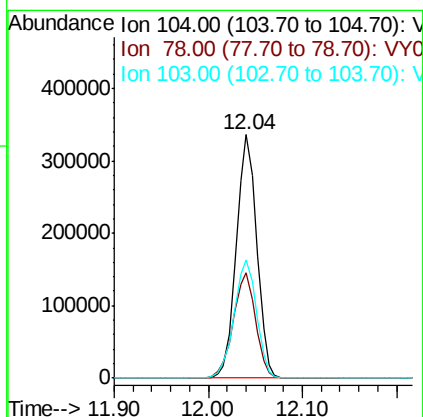
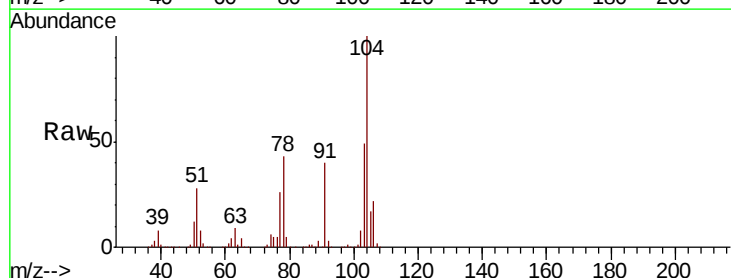
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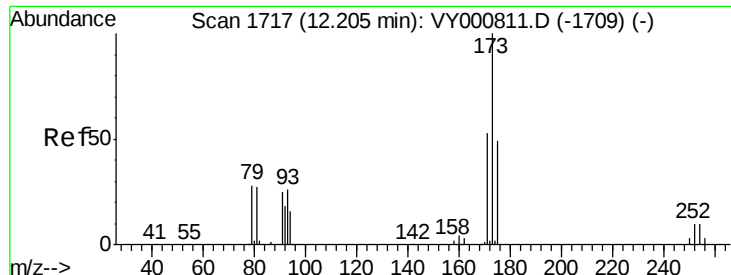
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#70
Styrene
Concen: 52.543 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.1	38.2	57.4	
103	53.3	43.4	65.0	





#71

Bromoform

Concen: 54.332 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

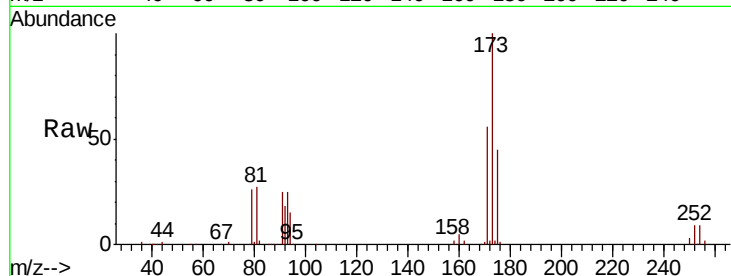
ClientSampleId :

VSTDCCC050EC

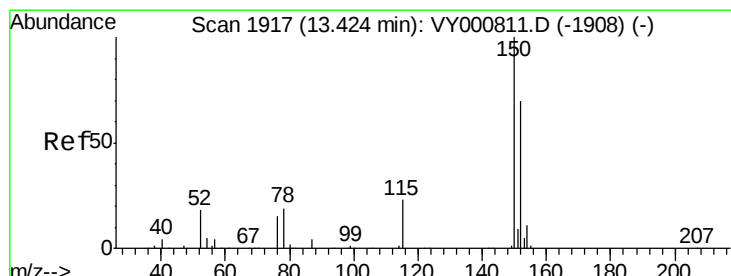
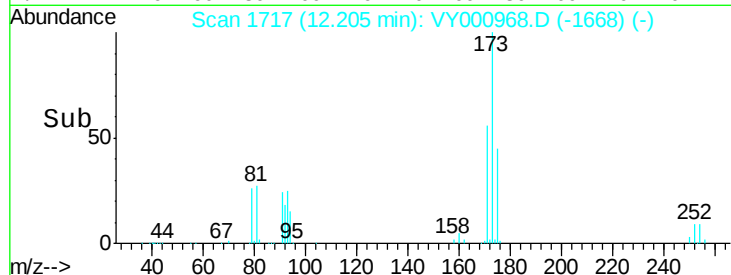
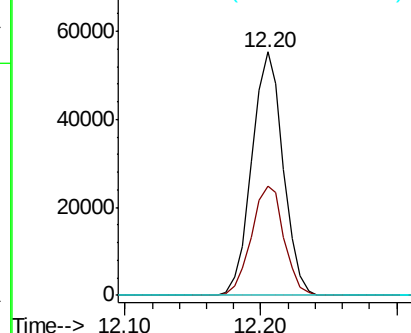
Tot Ion:	173	Resp:	89201
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

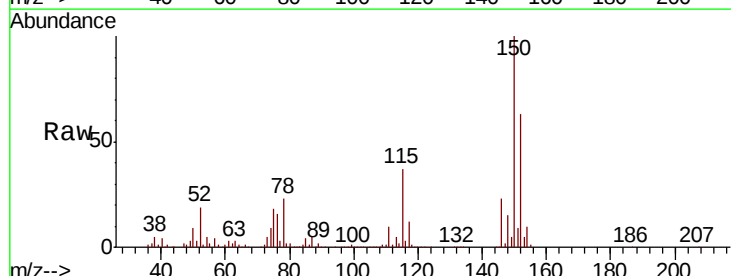
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

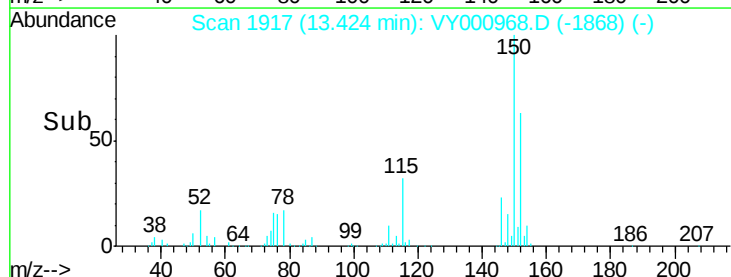
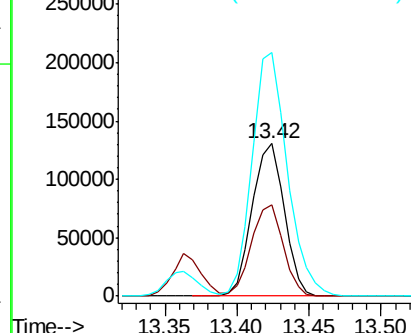
Lab File: VY000968.D

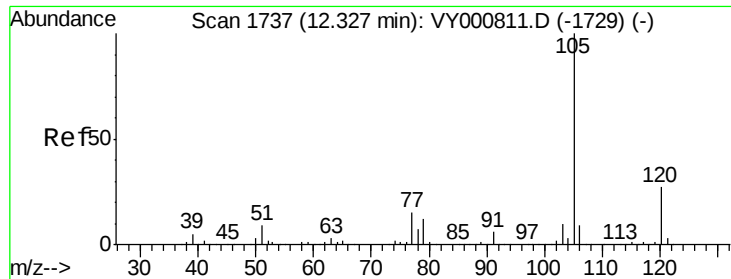
Acq: 16 Dec 2019 20:15

Tgt Ion:	152	Resp:	200448
Ion Ratio	Lower	Upper	
152	100		
115	58.9	29.3	87.8
150	175.6	0.0	351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.474 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 773652

Ion Ratio Lower Upper

105 100

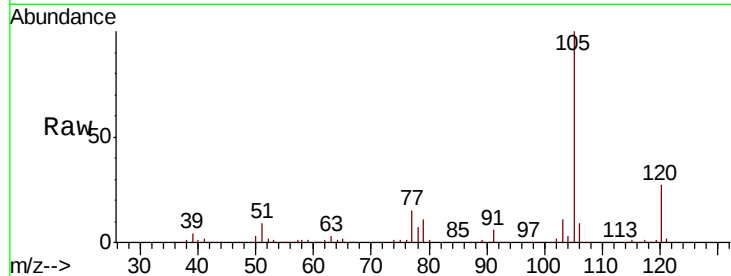
120 27.1 13.4 40.2

Manual Integrations

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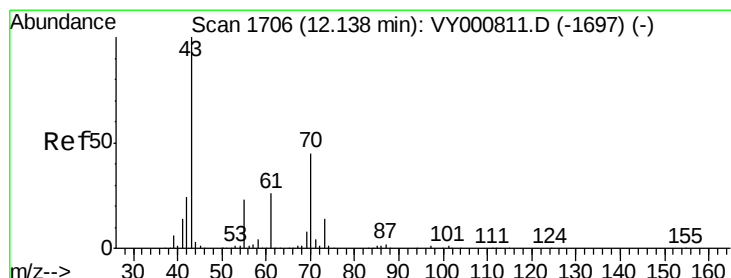
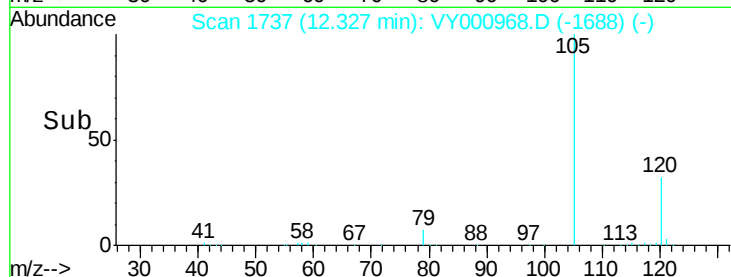
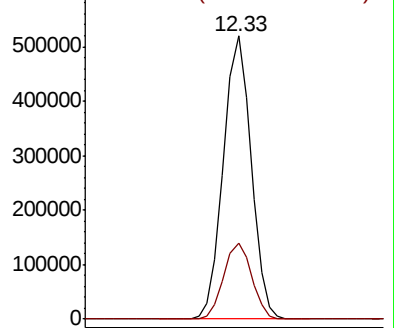
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.359 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Tgt Ion: 43 Resp: 228152

Ion Ratio Lower Upper

43 100

70 45.0 36.6 54.8

55 23.6 18.8 28.2

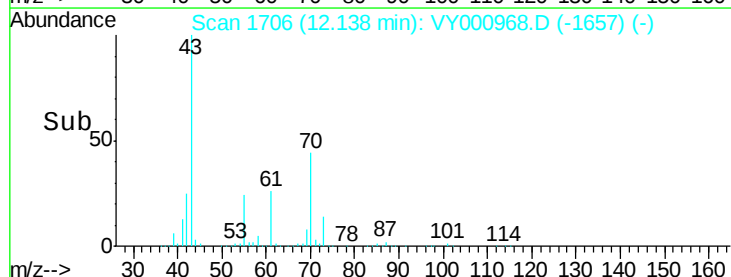
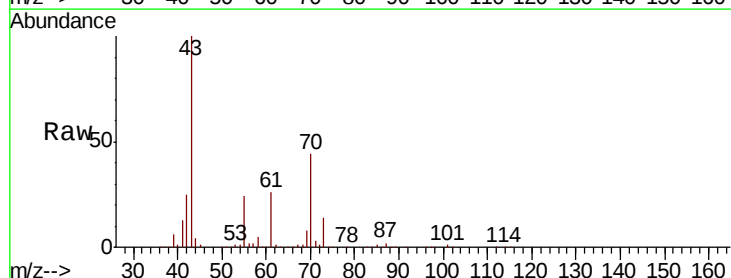
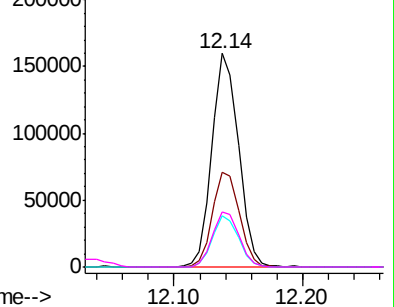
61 26.1 21.0 31.6

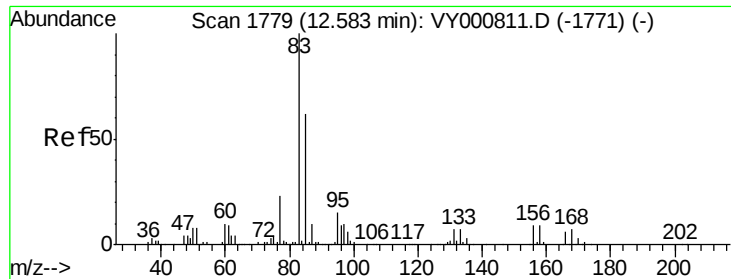
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.984 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

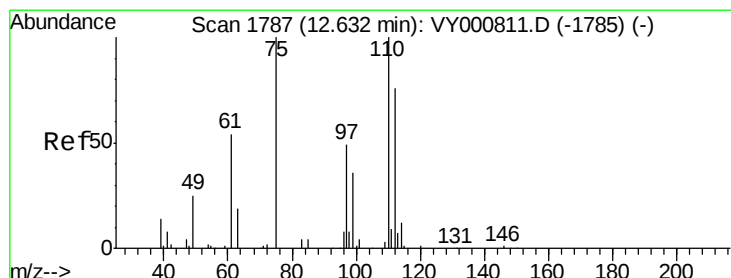
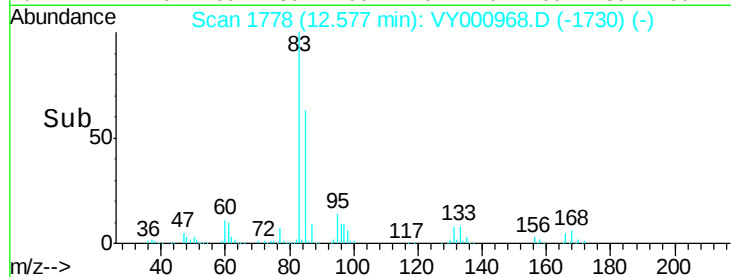
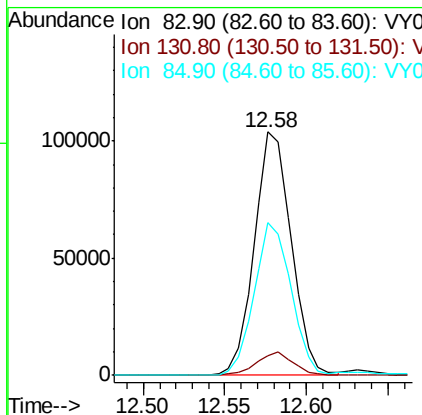
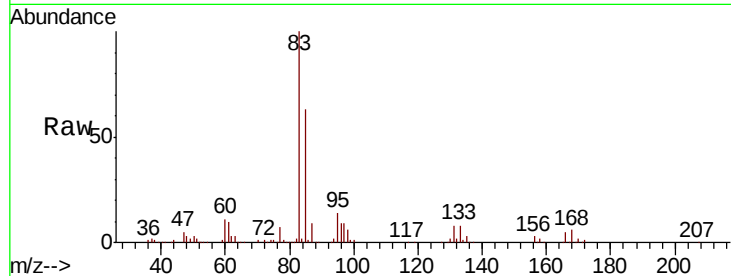
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	163477
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.3	13.1
85	62.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 47.964 ug/l m

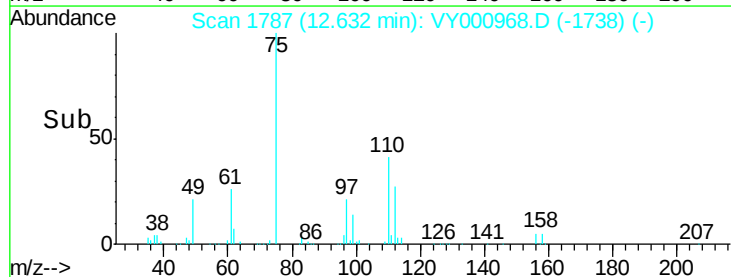
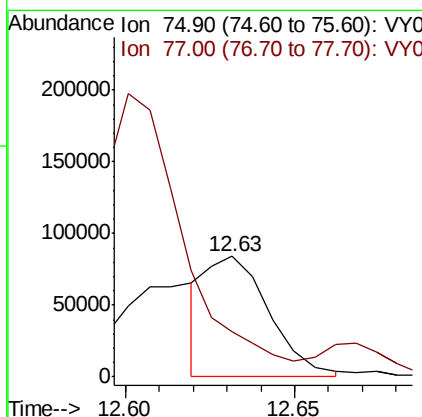
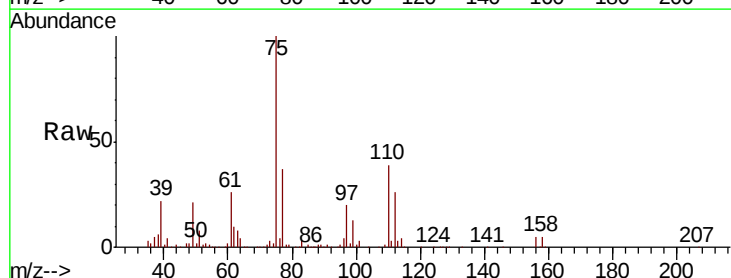
RT: 12.63 min Scan# 1787

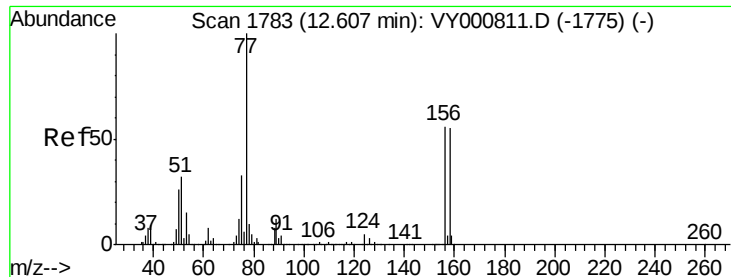
Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Tgt Ion:	75	Resp:	108929
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





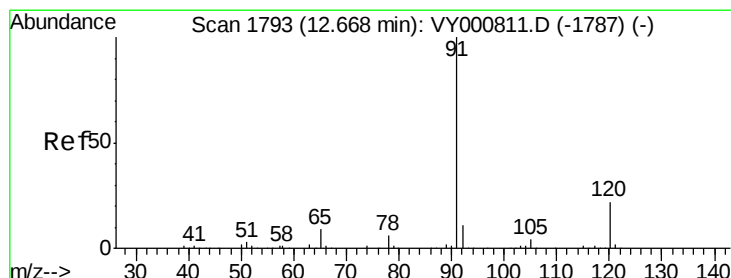
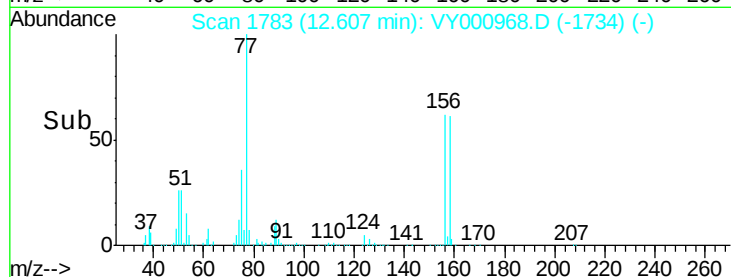
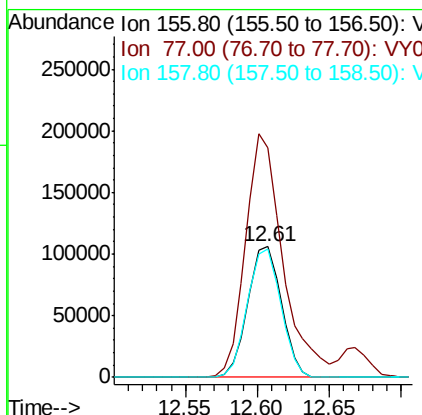
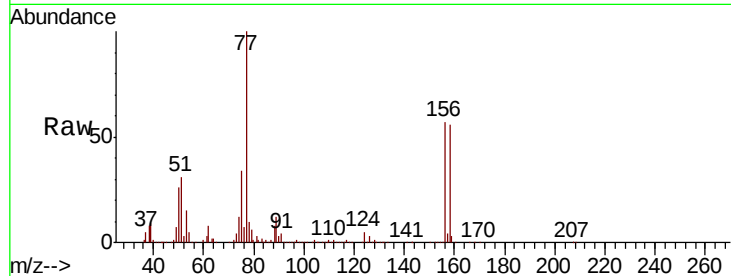
#77
Bromobenzene
Concen: 49.801 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	206.0	102.6	307.7
158	97.7	47.6	142.8

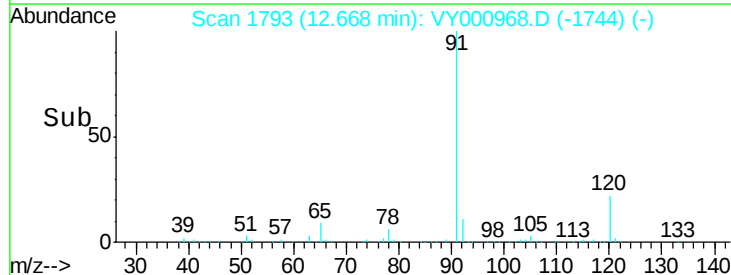
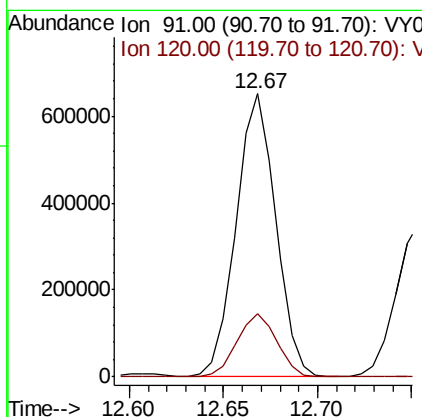
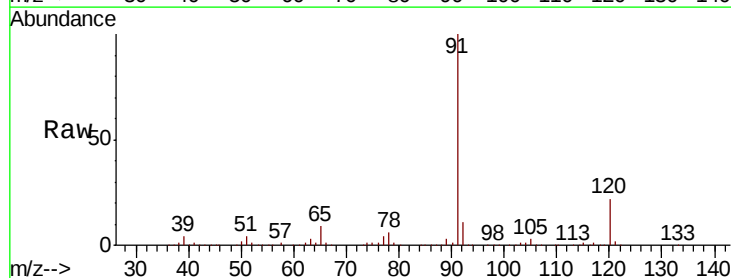
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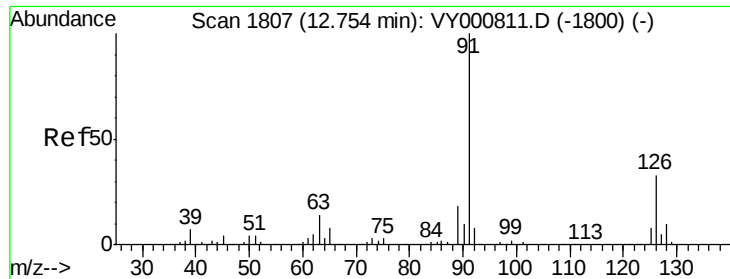
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#78
n-propylbenzene
Concen: 48.743 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.5





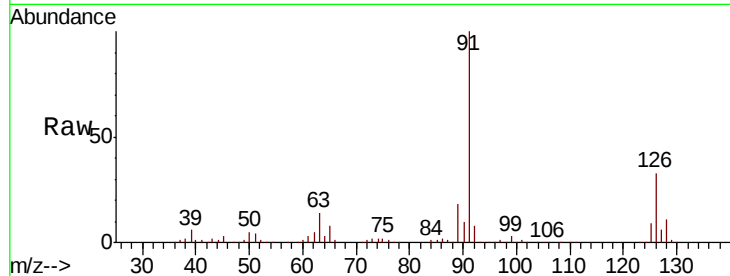
#79
 2-Chlorotoluene
 Concen: 48.936 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

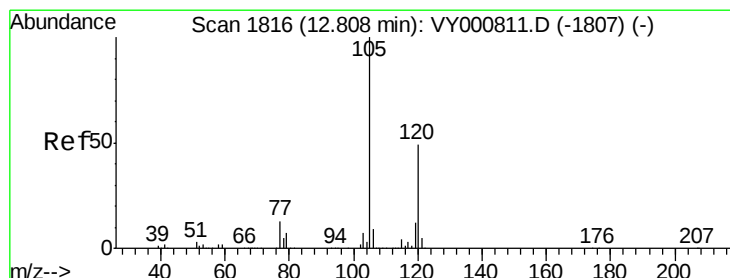
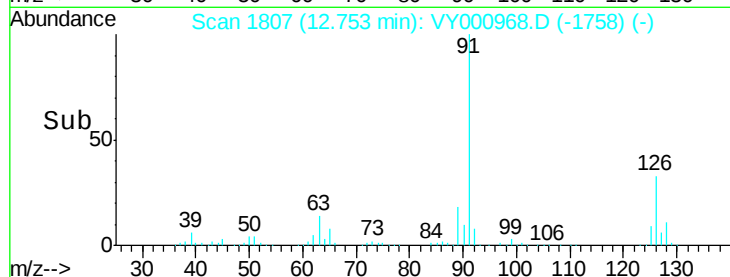
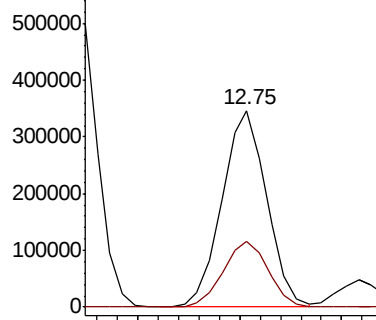
Tot Ion: 91 Resp: 526838
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.0 51.0

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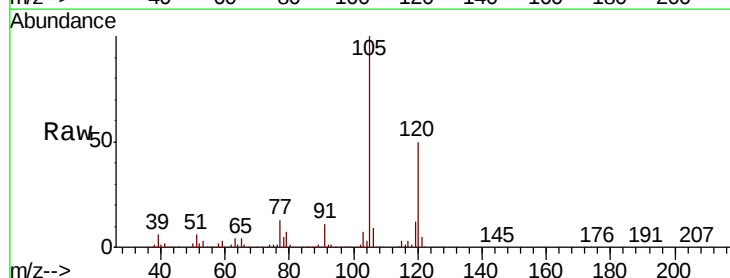


Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)
 Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

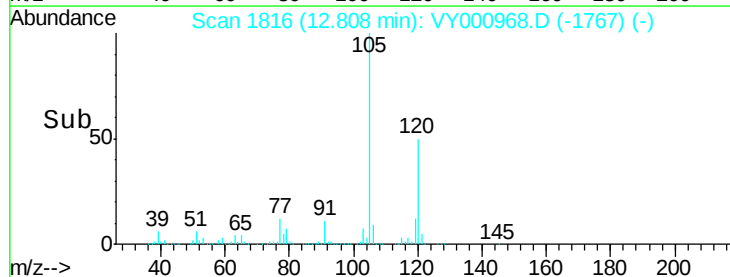
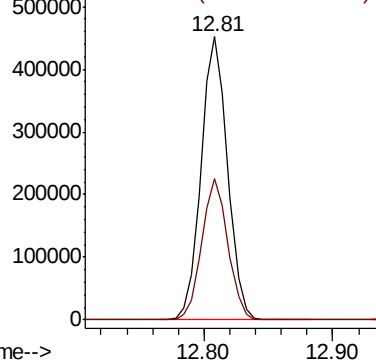


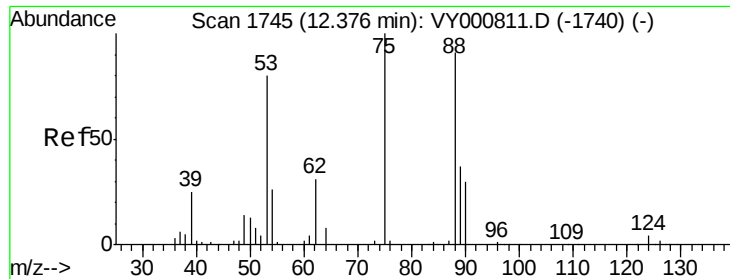
#80
 1,3,5-Trimethylbenzene
 Concen: 48.952 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion: 105 Resp: 646880
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)
 Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.603 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

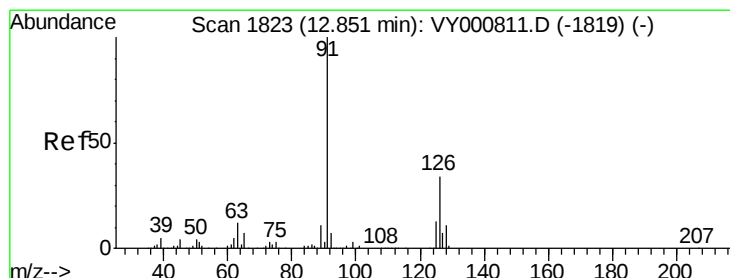
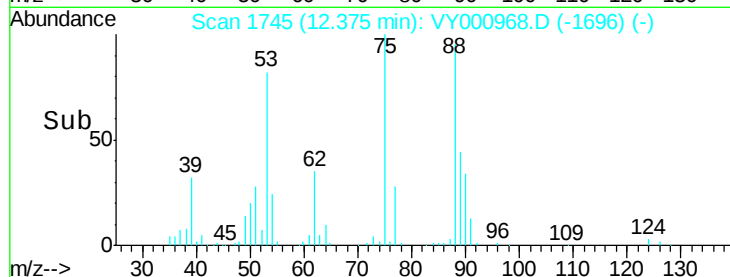
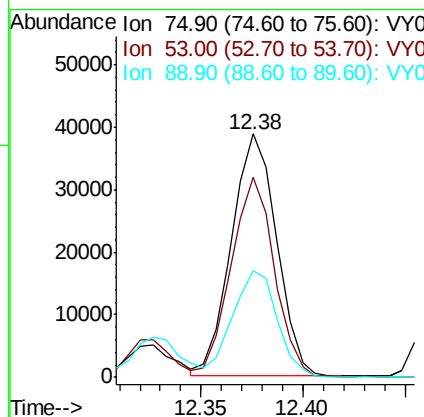
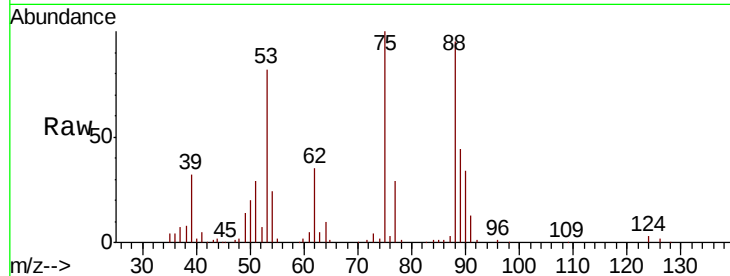
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	59662
Ion Ratio	Lower	Upper	
75	100		
53	79.7	64.6	96.8
89	43.5	33.6	50.4

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#82

4-Chlorotoluene

Concen: 49.268 ug/l

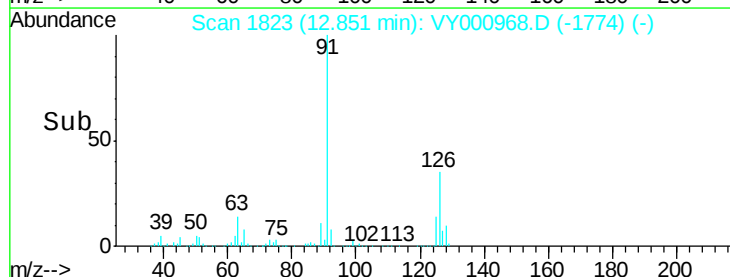
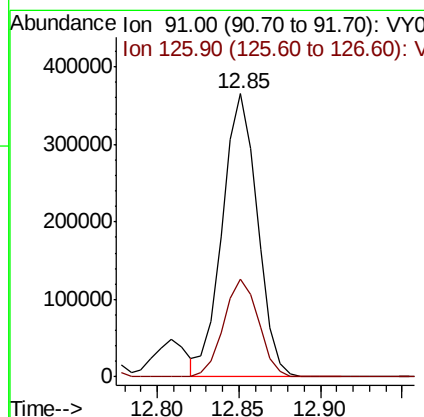
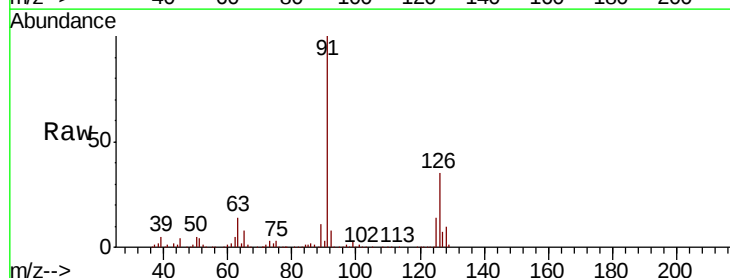
RT: 12.85 min Scan# 1823

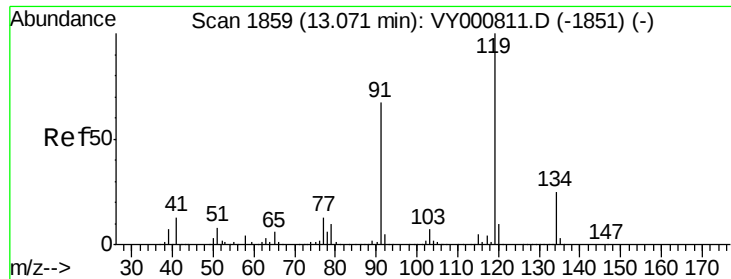
Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Tgt Ion:	91	Resp:	546468
Ion Ratio	Lower	Upper	
91	100		
126	34.7	17.3	51.9





#83

tert-Butylbenzene

Concen: 48.375 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

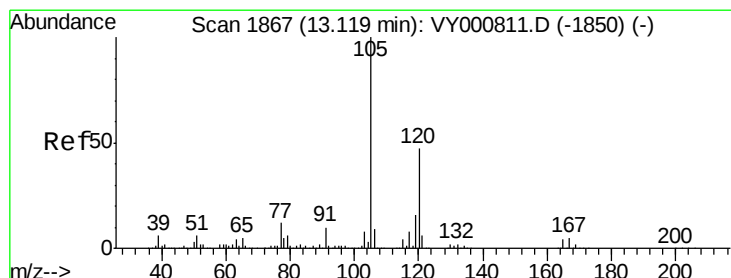
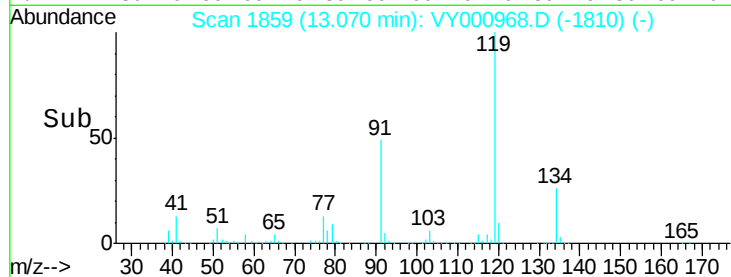
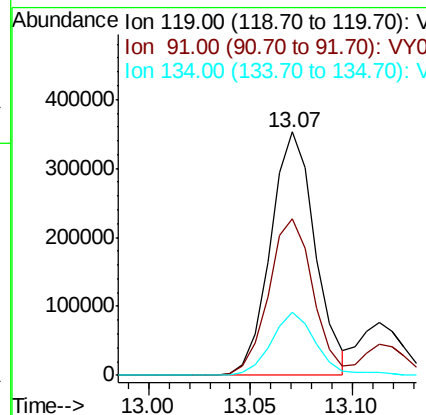
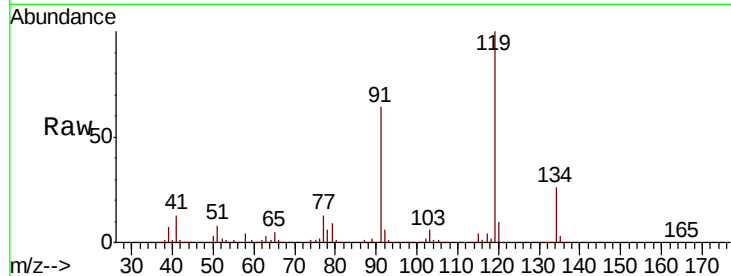
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	537449
Ion Ratio	Lower	Upper	
119	100		
91	63.9	32.3	96.8
134	26.2	12.9	38.7

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#84

1,2,4-Trimethylbenzene

Concen: 48.773 ug/l

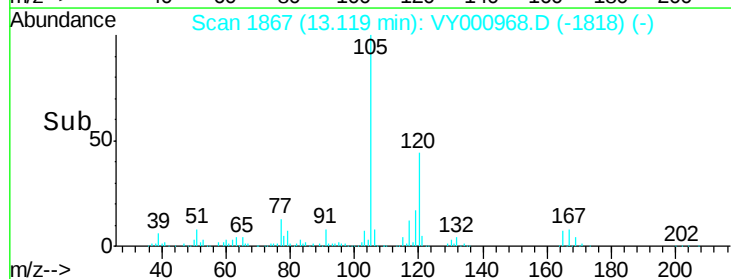
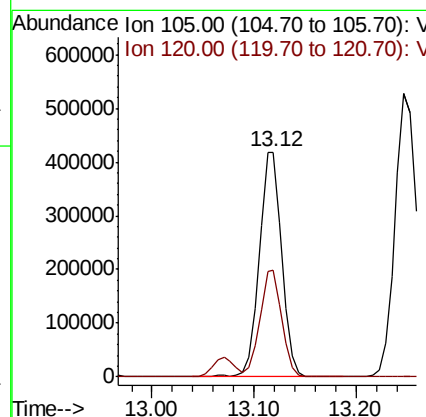
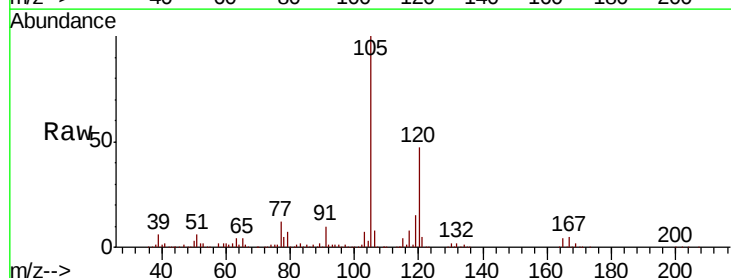
RT: 13.12 min Scan# 1867

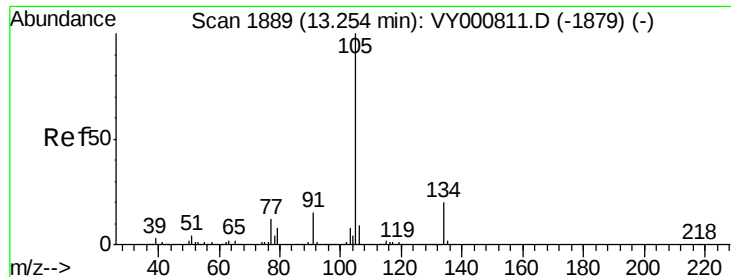
Delta R.T. -0.00 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Tgt Ion:	105	Resp:	644817
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 48.665 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 786330

Ion Ratio Lower Upper

105 100

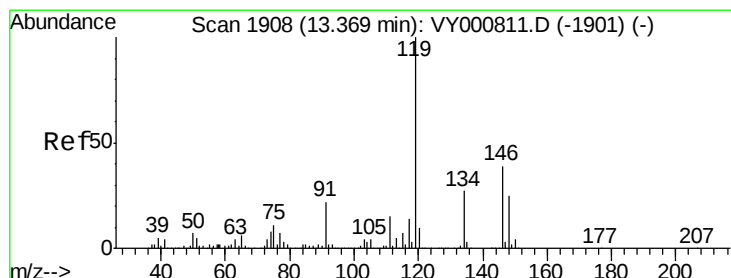
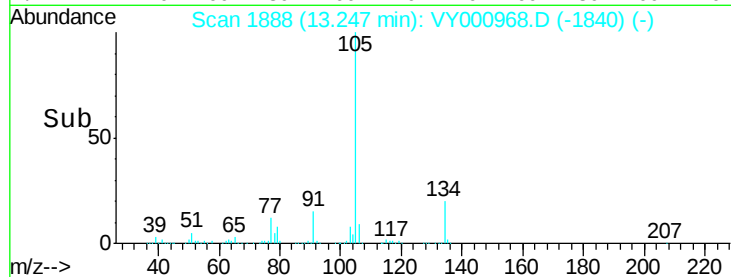
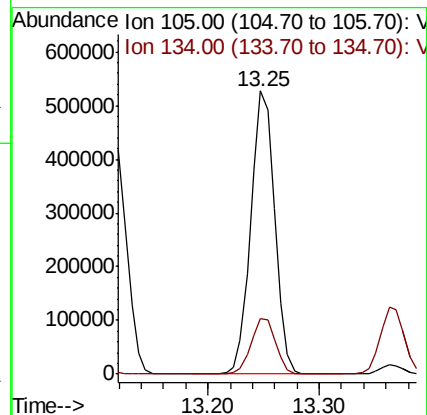
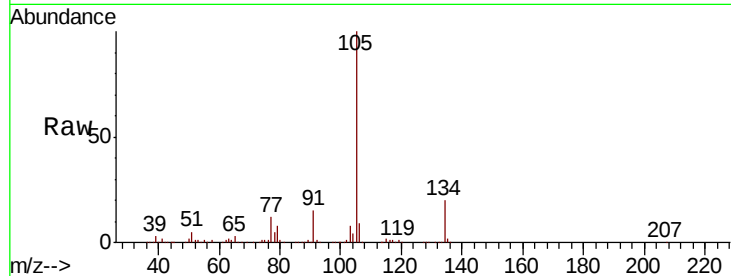
134 20.2 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 49.398 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000968.D

Acq: 16 Dec 2019 20:15

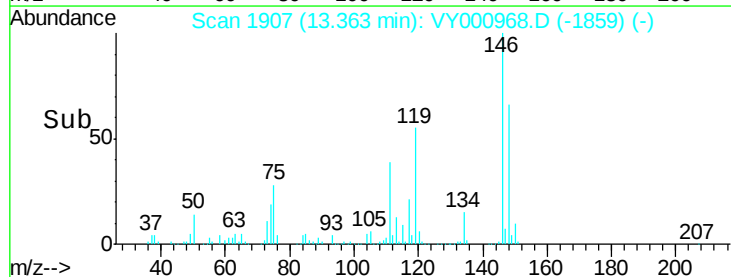
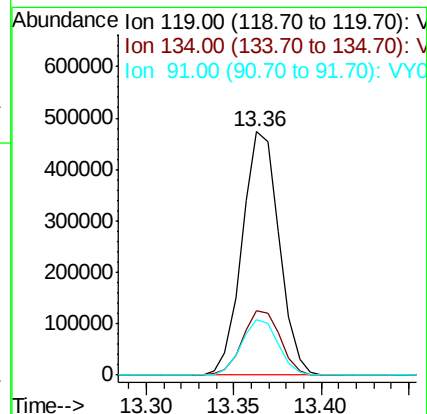
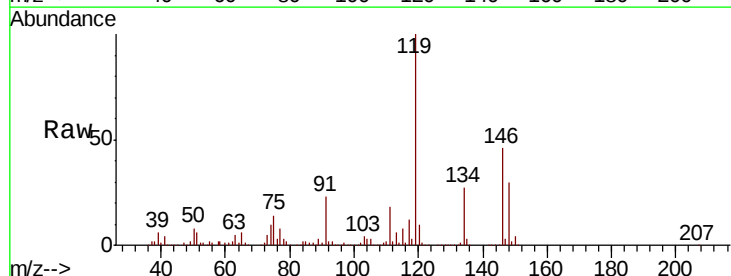
Tgt Ion:119 Resp: 694239

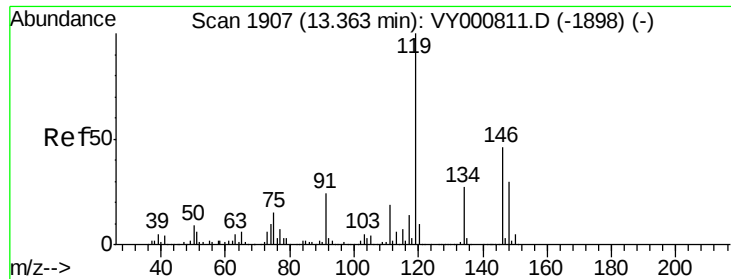
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.6 11.5 34.5





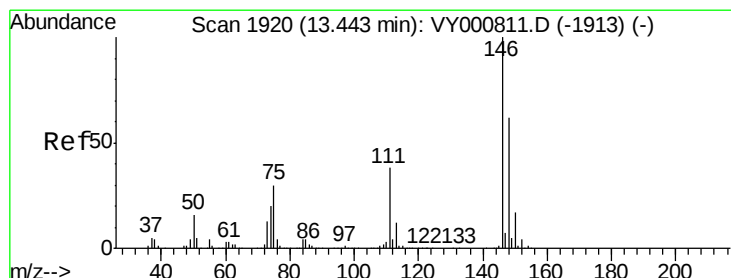
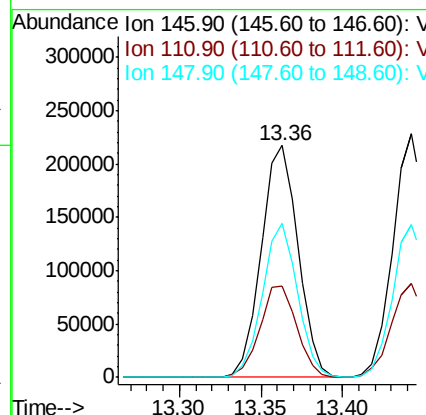
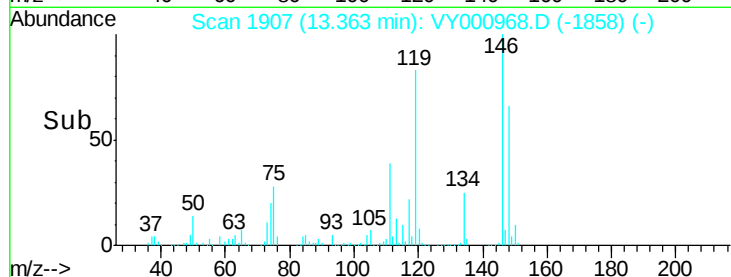
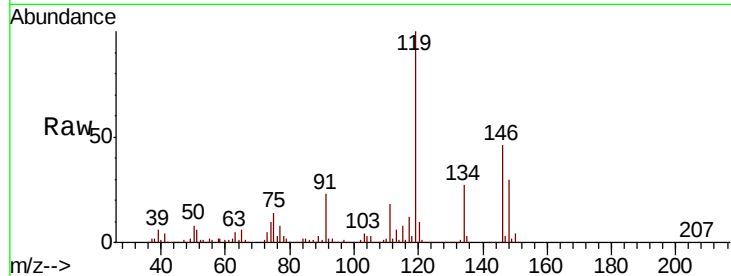
#87
 1,3-Dichlorobenzene
 Concen: 50.074 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.5	20.0	60.0	
148	63.3	32.1	96.5	

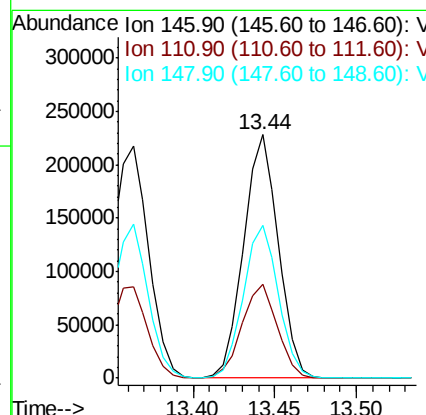
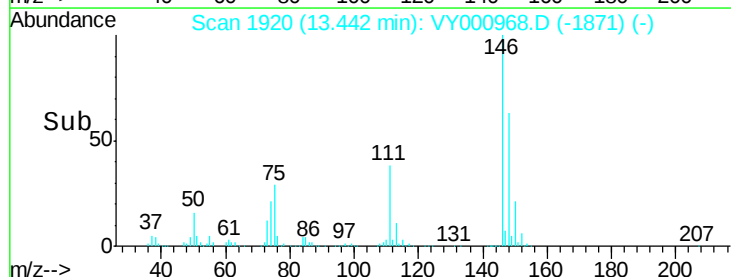
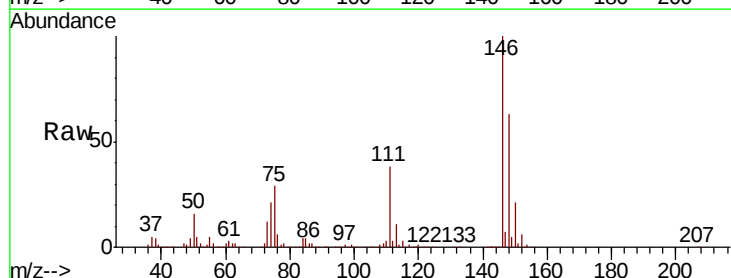
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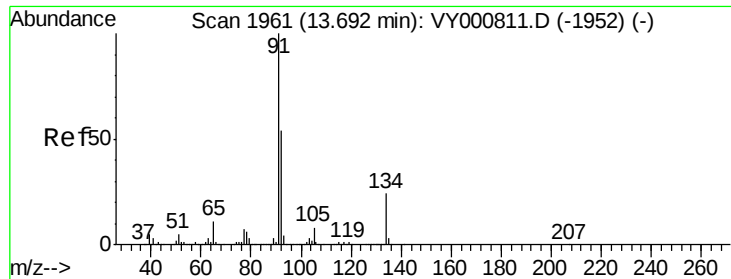
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#88
 1,4-Dichlorobenzene
 Concen: 50.377 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.5	20.0	59.9	
148	63.6	31.7	95.1	





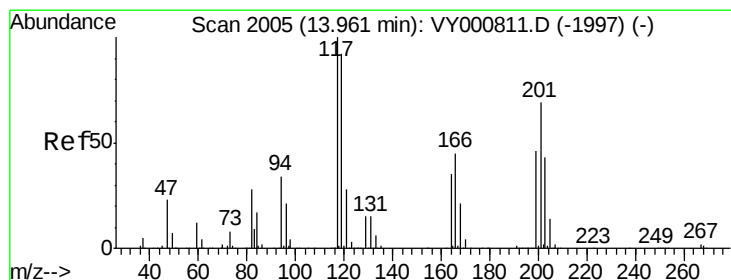
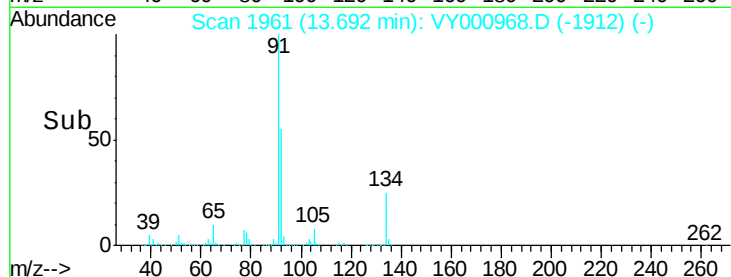
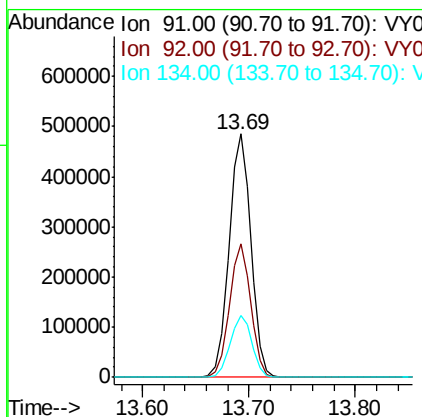
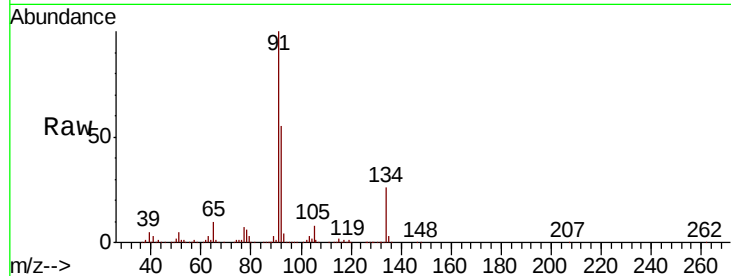
#89
n-Butylbenzene
Concen: 48.867 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	25.4	12.6	37.6

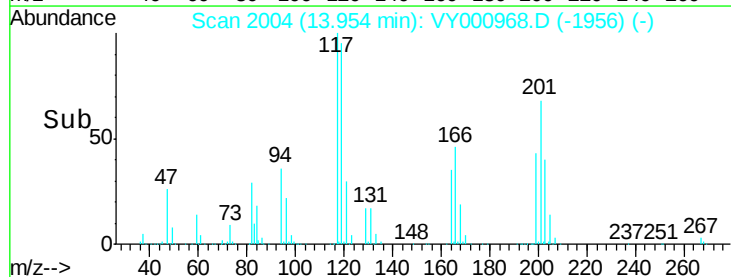
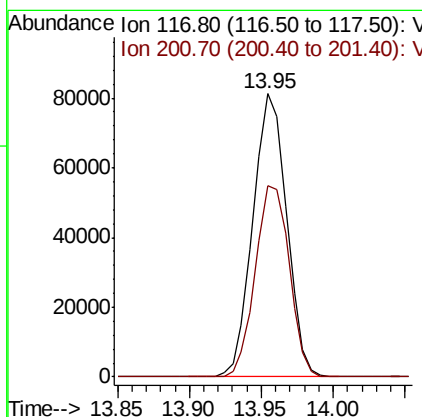
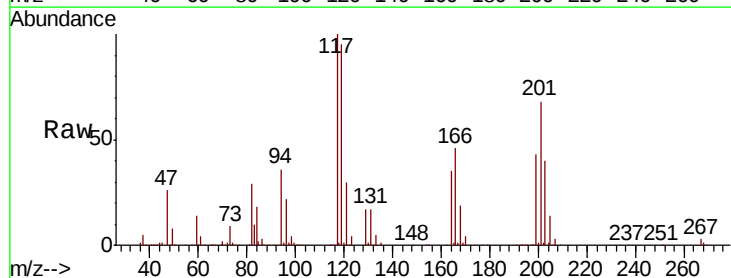
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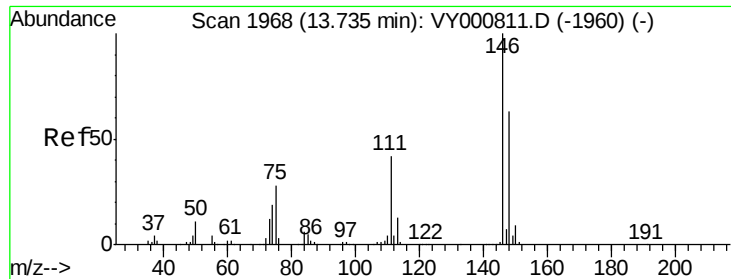
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#90
Hexachloroethane
Concen: 50.664 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.4	34.0	102.0





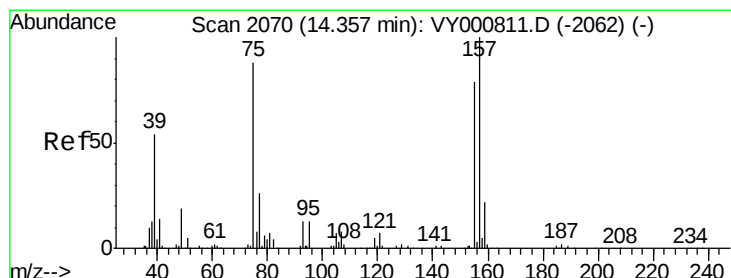
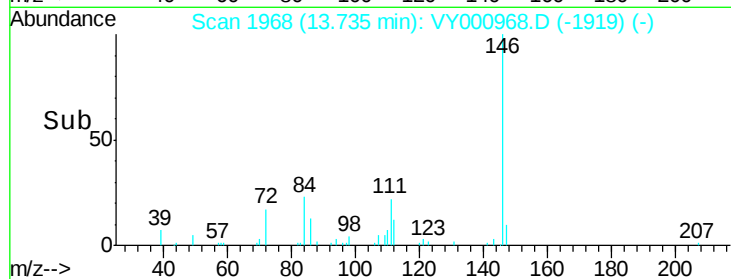
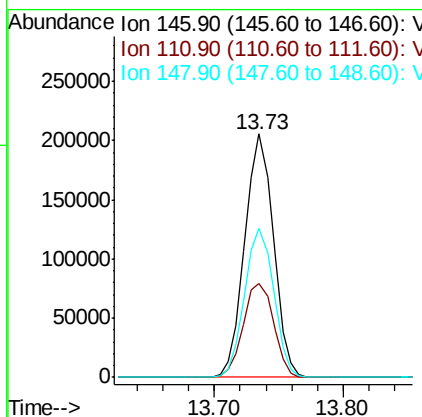
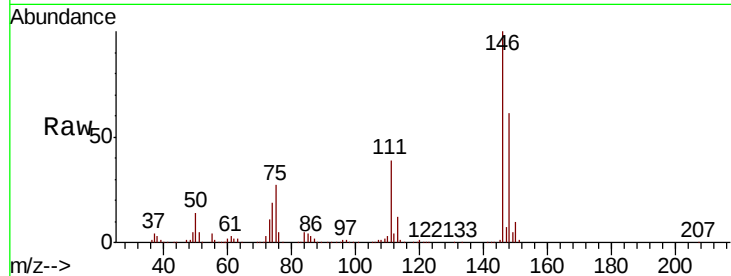
#91
 1,2-Dichlorobenzene
 Concen: 51.718 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.7
148	62.4	32.1	96.3

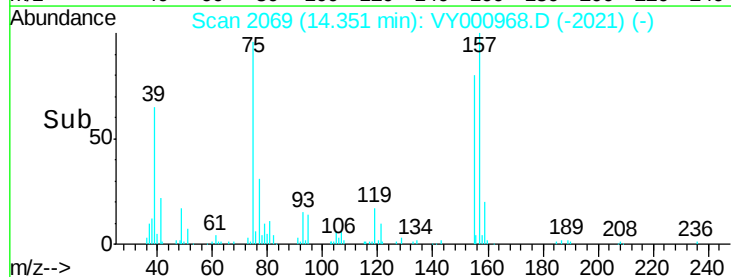
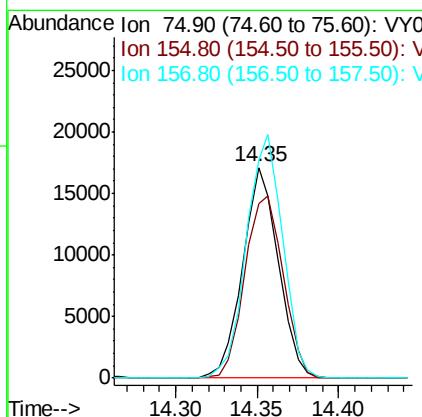
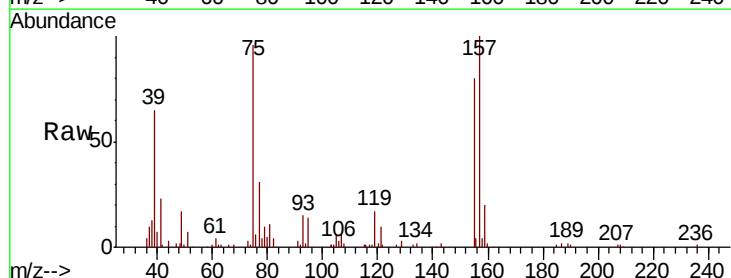
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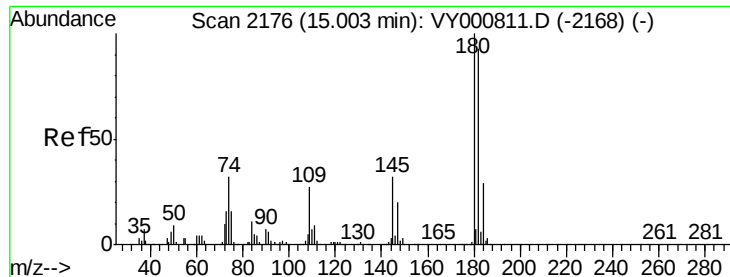
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.746 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	44.3	132.9
157	117.3	56.3	168.9





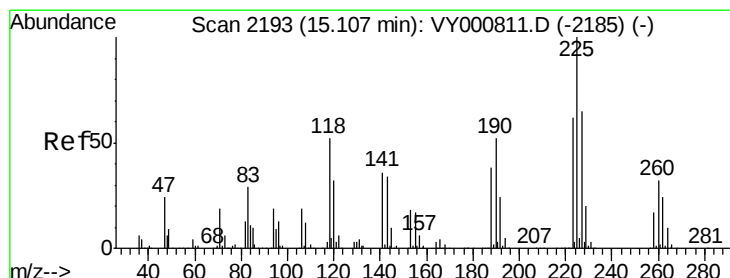
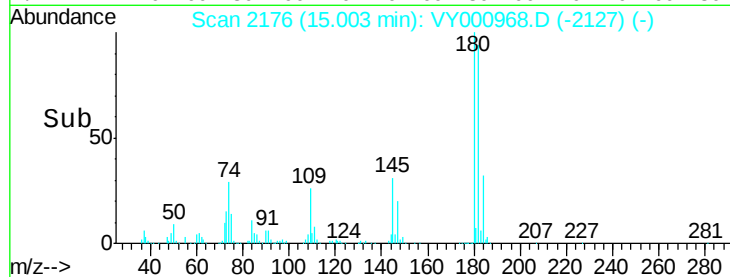
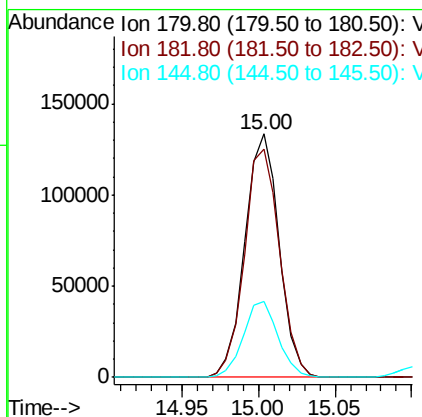
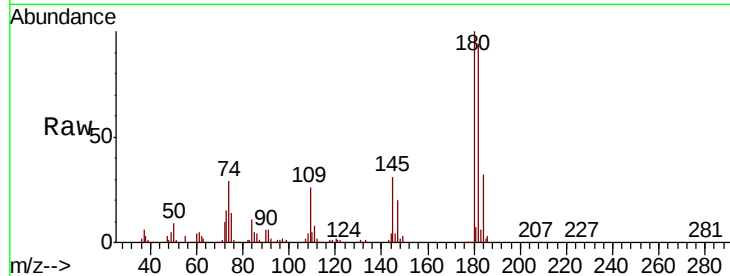
#93
 1,2,4-Trichlorobenzene
 Concen: 50.130 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.9
145	31.7	16.0	47.9

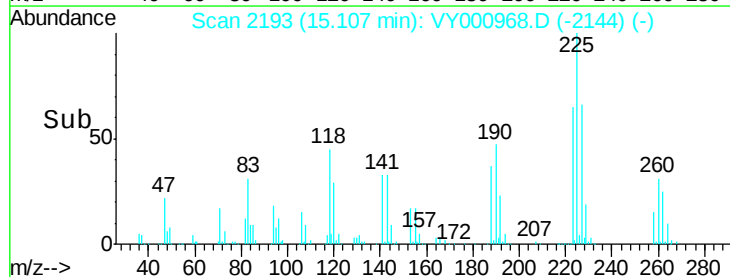
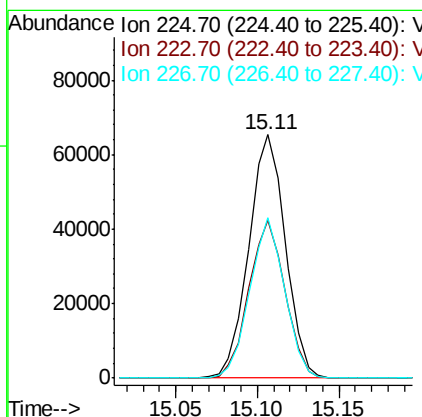
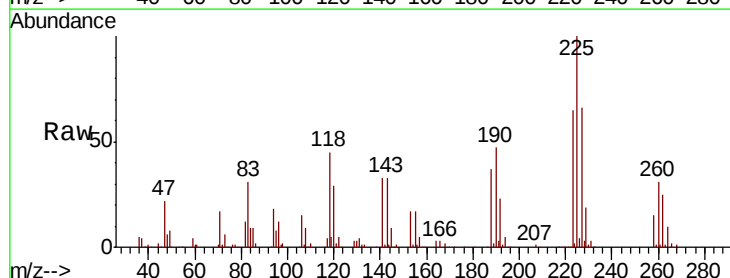
Manual Integrations
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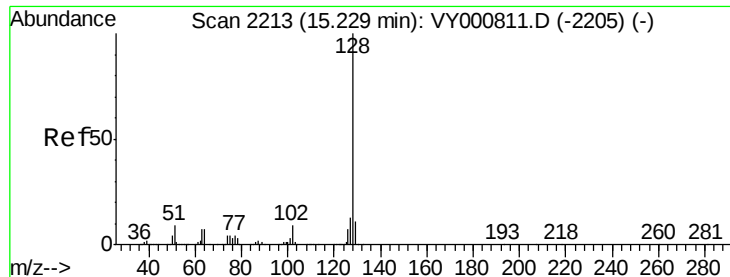
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#94
 Hexachlorobutadiene
 Concen: 49.876 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000968.D
 Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.4	94.3
227	62.7	31.8	95.3





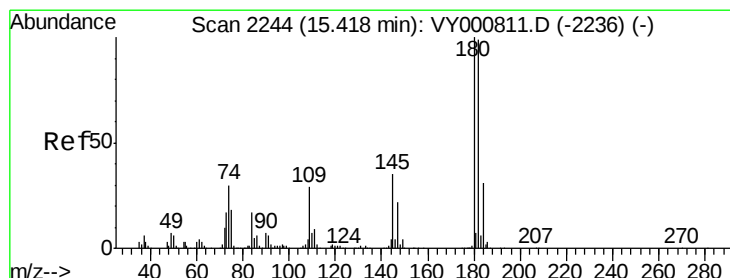
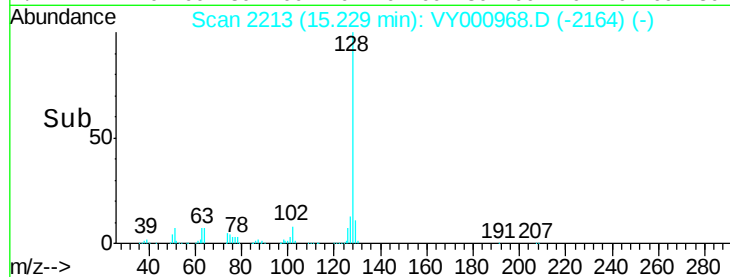
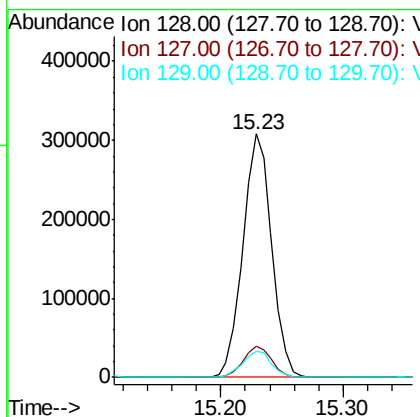
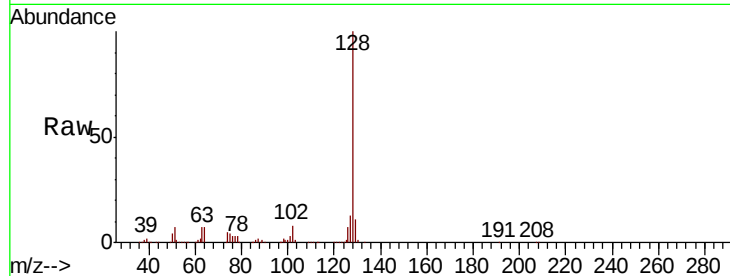
#95
Naphthalene
Concen: 52.252 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.582 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000968.D
Acq: 16 Dec 2019 20:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.0
145	33.4	16.9	50.6

