

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000852.D
 Acq On : 04 Dec 2019 10:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/5/2019 2:58:28 PM

Quant Time: Dec 05 08:02:16 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	299309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	512311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	460204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	173127	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
35) Dibromofluoromethane	7.73	113	158138	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	10.18	98	666288	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
62) 4-Bromofluorobenzene	12.48	95	233636	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	147350	45.733	ug/l	97
3) Chloromethane	2.12	50	195726	49.281	ug/l	100
4) Vinyl Chloride	2.25	62	192540	49.190	ug/l	98
5) Bromomethane	2.65	94	119992	51.072	ug/l	100
6) Chloroethane	2.79	64	120617	50.260	ug/l	99
7) Trichlorofluoromethane	3.13	101	272855	50.865	ug/l	93
8) Diethyl Ether	3.53	74	103575	51.300	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	165375	49.922	ug/l	98
10) Methyl Iodide	4.10	142	204756	49.093	ug/l	99
11) Tert butyl alcohol	4.96	59	85021	265.713	ug/l	100
12) 1,1-Dichloroethene	3.87	96	166430	50.713	ug/l	95
13) Acrolein	3.74	56	85840	272.339	ug/l	100
14) Allyl chloride	4.49	41	296109	52.622	ug/l	98
15) Acrylonitrile	5.18	53	278787	267.408	ug/l	99
16) Acetone	3.96	43	185461	254.202	ug/l	95
17) Carbon Disulfide	4.19	76	529258	49.864	ug/l	100
18) Methyl Acetate	4.48	43	158605	51.991	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	464077	52.950	ug/l	99
20) Methylene Chloride	4.72	84	187561	48.771	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	188774	50.608	ug/l	99
22) Diisopropyl ether	6.13	45	617887	53.425	ug/l	98
23) Vinyl Acetate	6.07	43	1930397	274.554	ug/l	100
24) 1,1-Dichloroethane	6.02	63	327257	51.339	ug/l	99
25) 2-Butanone	6.99	43	373118	276.849	ug/l	97
26) 2,2-Dichloropropane	6.99	77	276731	51.581	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	209260	51.899	ug/l	100
28) Bromochloromethane	7.34	49	135211	57.536	ug/l	96
29) Tetrahydrofuran	7.35	42	250020	279.953	ug/l	98
30) Chloroform	7.52	83	320245	50.080	ug/l	97
31) Cyclohexane	7.79	56	335540	49.689	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	277349	52.525	ug/l	99
36) 1,1-Dichloropropene	7.93	75	261289	51.294	ug/l	99
37) Ethyl Acetate	7.08	43	155008	52.701	ug/l	99
38) Carbon Tetrachloride	7.91	117	241281	53.187	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	351467	52.078	ug/l	97
40) Benzene	8.16	78	774119	52.173	ug/l	98
41) Methacrylonitrile	7.32	41	64699m	41.735	ug/l	
42) 1,2-Dichloroethane	8.25	62	207983	53.300	ug/l	99
43) Isopropyl Acetate	8.28	43	296341	53.464	ug/l	99
44) Trichloroethene	8.94	130	204586	53.651	ug/l	97
45) 1,2-Dichloropropane	9.22	63	199789	53.606	ug/l	99
46) Dibromomethane	9.31	93	103926	53.369	ug/l	99
47) Bromodichloromethane	9.50	83	250144	54.682	ug/l	99
48) Methyl methacrylate	9.30	41	131318	53.877	ug/l	96
49) 1,4-Dioxane	9.30	88	31041	1125.004	ug/l #	89
51) 4-Methyl-2-Pentanone	10.07	43	798754	278.911	ug/l	99
52) Toluene	10.24	92	488706	53.196	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	272910	55.529	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	314899	54.207	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	157249	54.657	ug/l	98
56) Ethyl methacrylate	10.51	69	231679	56.292	ug/l	100
57) 1,3-Dichloropropane	10.79	76	276306	55.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	398517	240.144	ug/l	100
59) 2-Hexanone	10.83	43	620846	297.509	ug/l	99
60) Dibromochloromethane	10.99	129	173337	55.967	ug/l	98
61) 1,2-Dibromoethane	11.09	107	148442	54.747	ug/l	97
64) Tetrachloroethene	10.72	164	210457	52.636	ug/l	96
65) Chlorobenzene	11.52	112	497010	51.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	170402	52.858	ug/l	99
67) Ethyl Benzene	11.60	91	925129	51.928	ug/l	98
68) m/p-Xylenes	11.70	106	703396	105.189	ug/l	100
69) o-Xylene	12.03	106	330767	53.051	ug/l	98
70) Styrene	12.04	104	567663	53.172	ug/l	100
71) Bromoform	12.20	173	101887	56.037	ug/l #	99
73) Isopropylbenzene	12.33	105	888973	53.414	ug/l	99
74) N-amyl acetate	12.14	43	254557	54.951	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	179429	54.715	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	137920m	58.237	ug/l	
77) Bromobenzene	12.61	156	192815	53.446	ug/l	99
78) n-propylbenzene	12.67	91	1089288	53.602	ug/l	100
79) 2-Chlorotoluene	12.75	91	593155	52.834	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	721530	52.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68560	56.865	ug/l	97
82) 4-Chlorotoluene	12.86	91	620836	53.676	ug/l	100
83) tert-Butylbenzene	13.08	119	613052	52.915	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	730566	52.991	ug/l	100
85) sec-Butylbenzene	13.25	105	900829	53.463	ug/l	99
86) p-Isopropyltoluene	13.37	119	774272	52.832	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	367581	51.939	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	369140	52.678	ug/l	100
89) n-Butylbenzene	13.70	91	772069	52.106	ug/l	99
90) Hexachloroethane	13.96	117	145808	54.009	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	339974	53.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29541	53.808	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	214381	49.768	ug/l	99
94) Hexachlorobutadiene	15.11	225	105626	49.457	ug/l	99
95) Naphthalene	15.23	128	504679	50.457	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	190752	49.576	ug/l	99

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

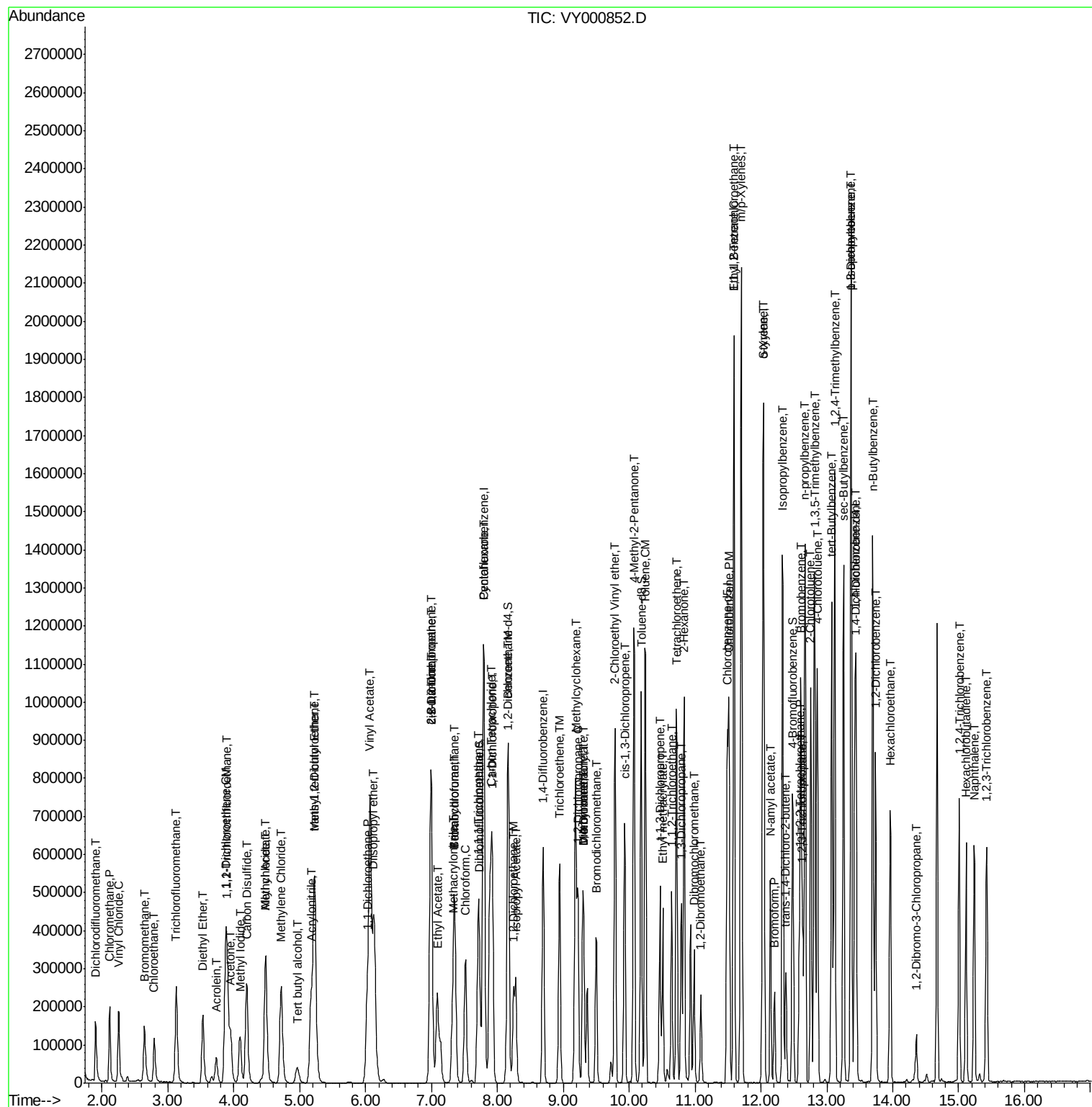
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
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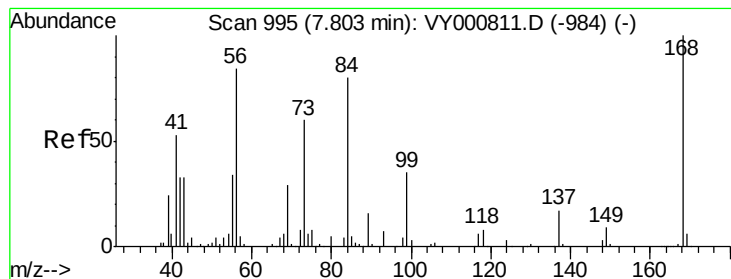
Instrument :
 MSVOA_Y
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 299309

Ion Ratio Lower Upper

168 100

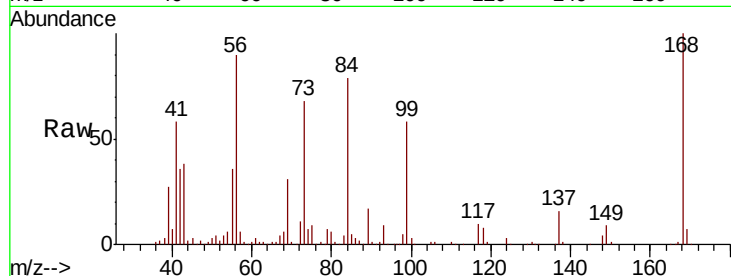
99 58.4 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

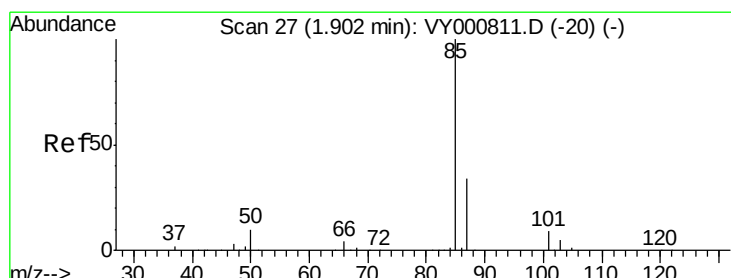
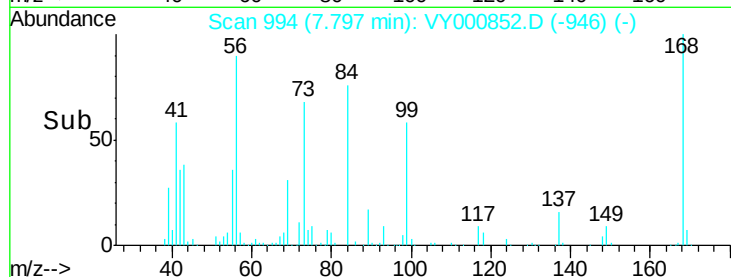
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.733 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000852.D

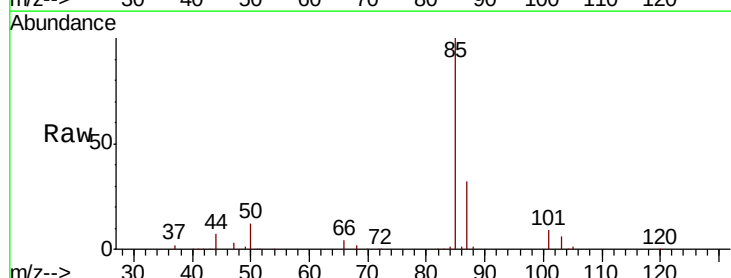
Acq: 04 Dec 2019 10:25

Tgt Ion: 85 Resp: 147350

Ion Ratio Lower Upper

85 100

87 32.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

100000

80000

60000

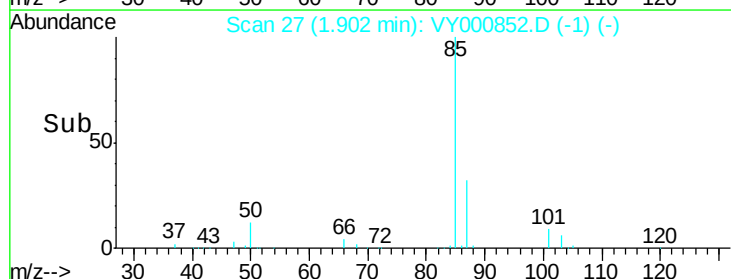
40000

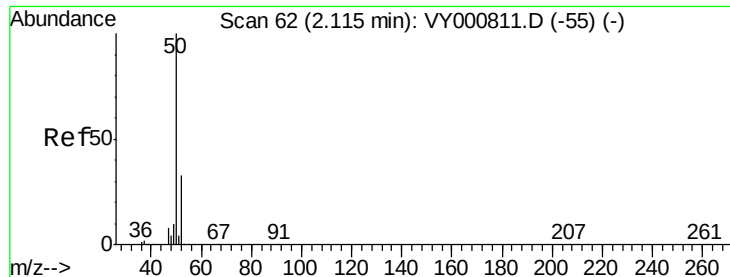
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.281 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 195726

Ion Ratio Lower Upper

50 100

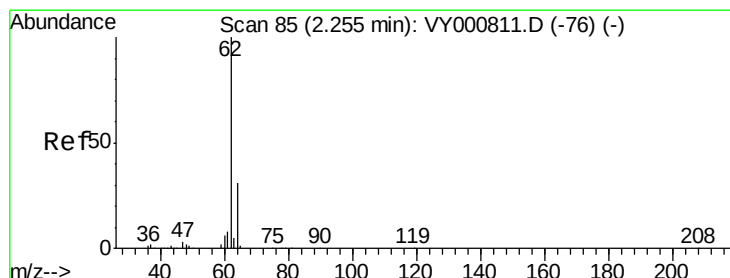
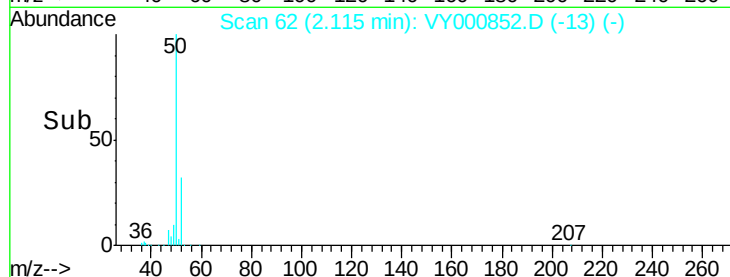
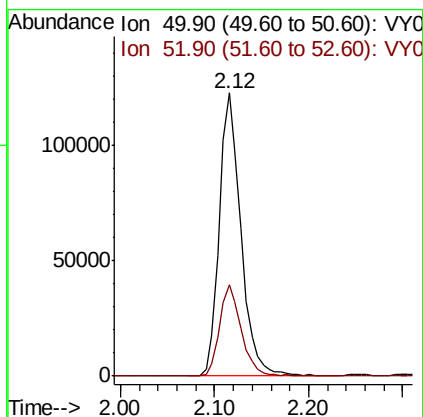
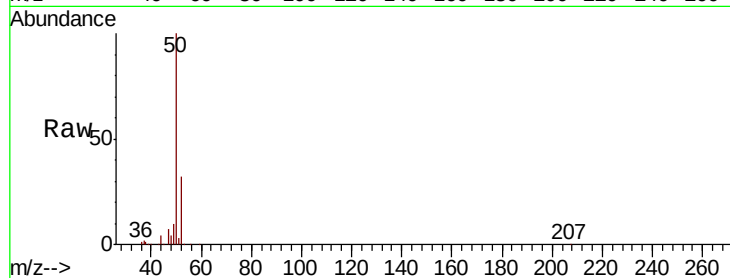
52 32.4 26.0 39.0

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#4

Vinyl Chloride

Concen: 49.190 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000852.D

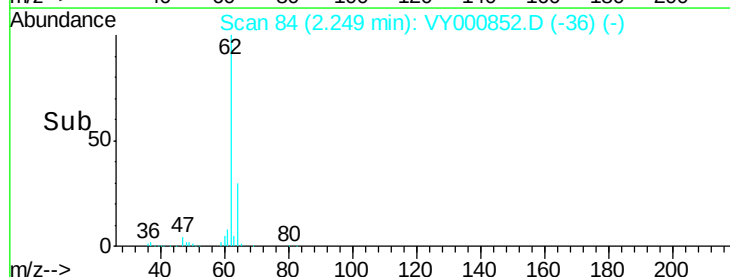
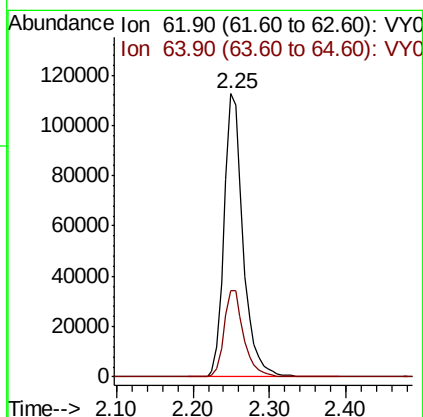
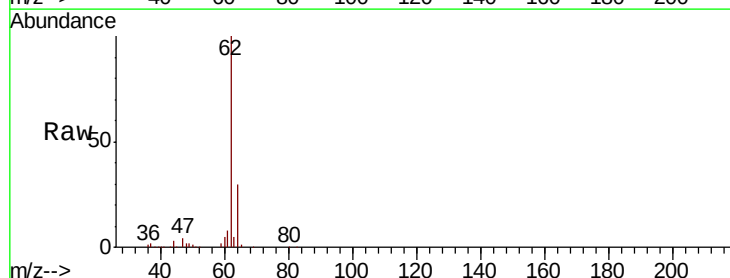
Acq: 04 Dec 2019 10:25

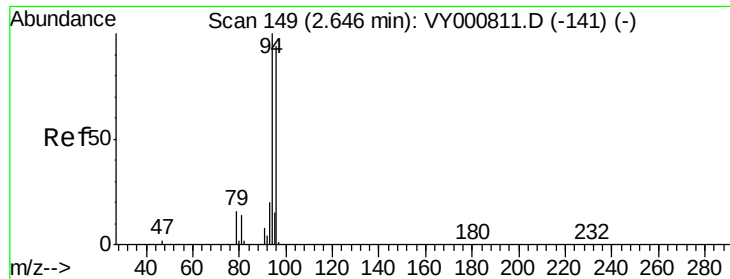
Tgt Ion: 62 Resp: 192540

Ion Ratio Lower Upper

62 100

64 30.3 25.1 37.7





#5

Bromomethane

Concen: 51.072 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 119992

Ion Ratio Lower Upper

94 100

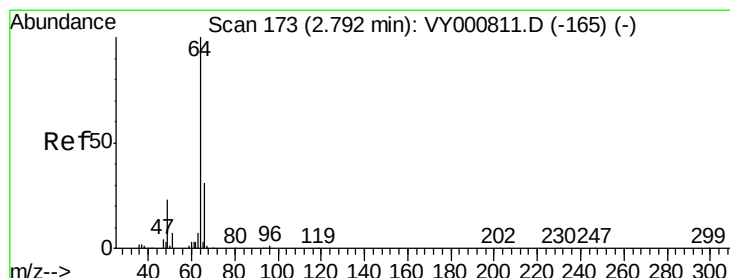
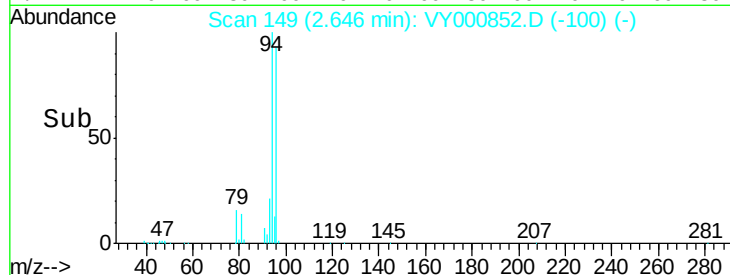
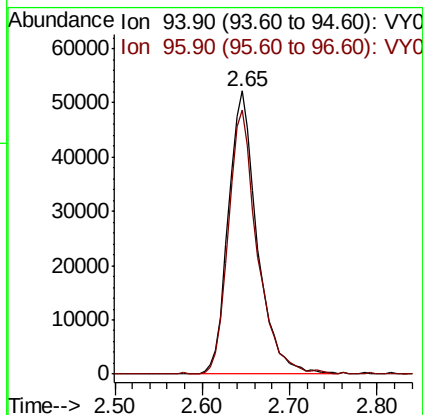
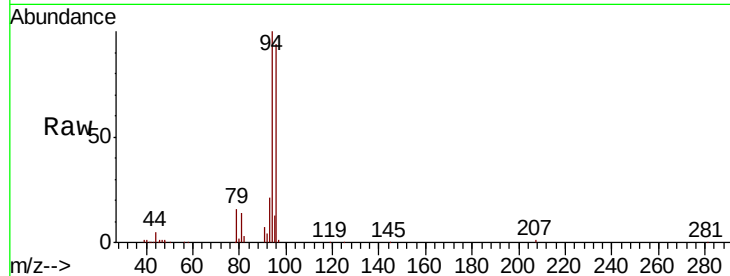
96 93.5 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 50.260 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000852.D

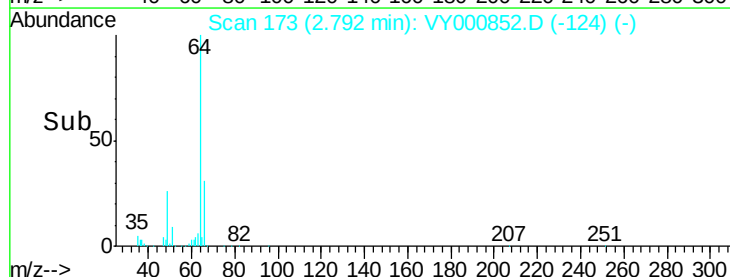
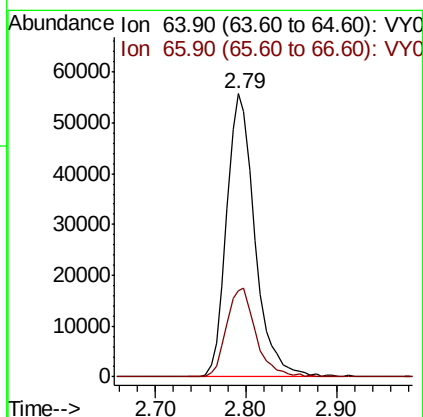
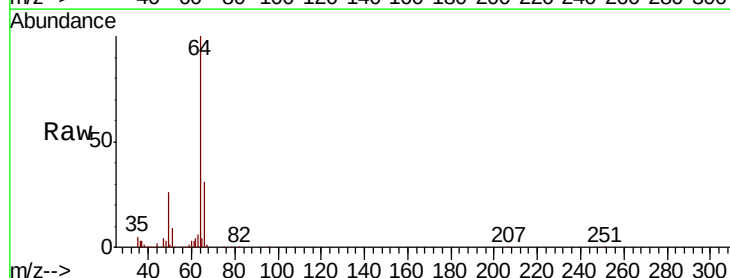
Acq: 04 Dec 2019 10:25

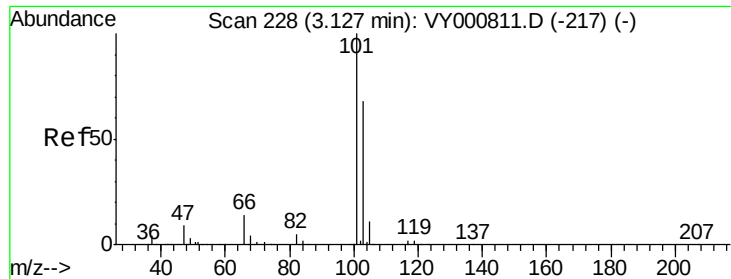
Tgt Ion: 64 Resp: 120617

Ion Ratio Lower Upper

64 100

66 30.5 25.0 37.4





#7

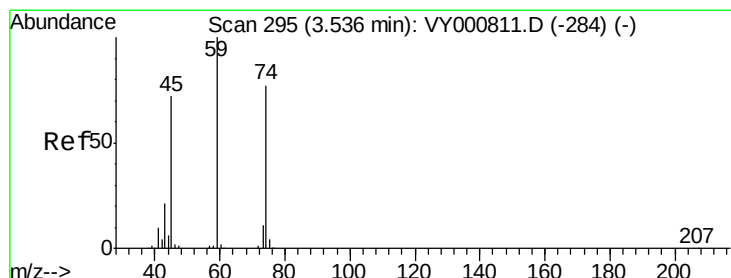
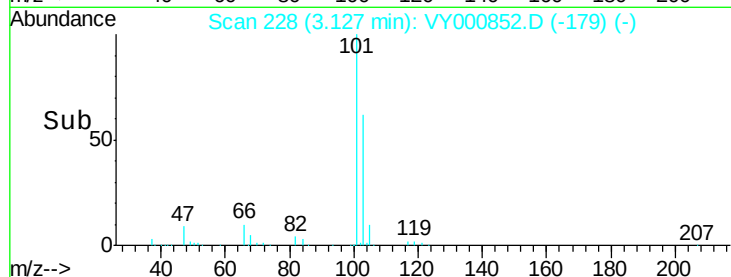
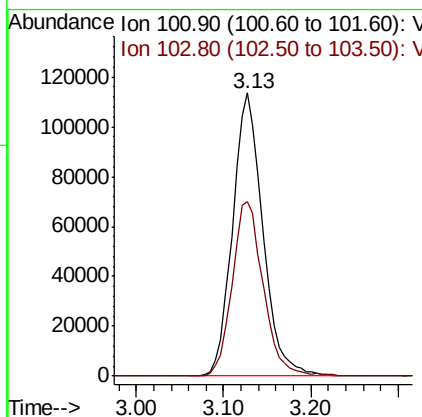
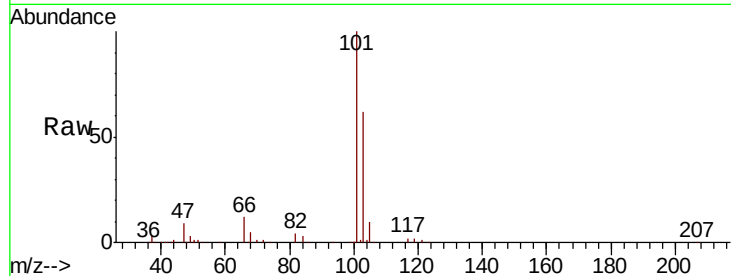
Trichlorofluoromethane
Concen: 50.865 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	272855		
103	61.8	54.2	81.2	

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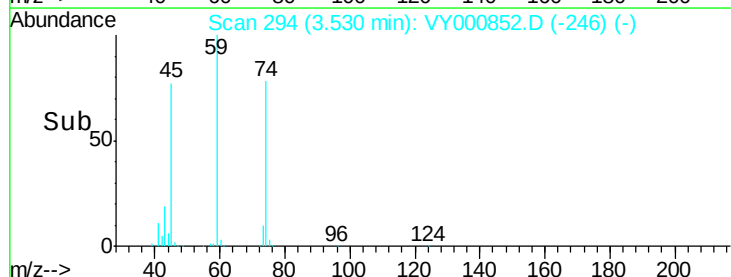
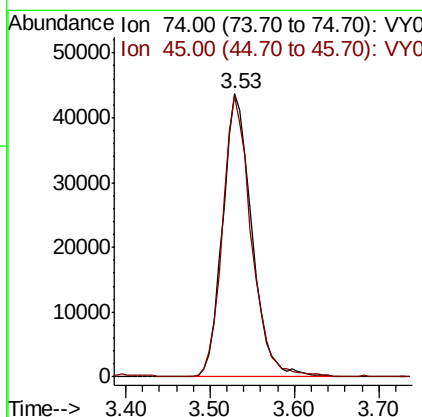
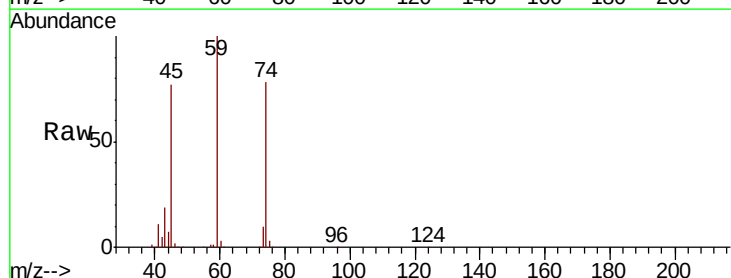
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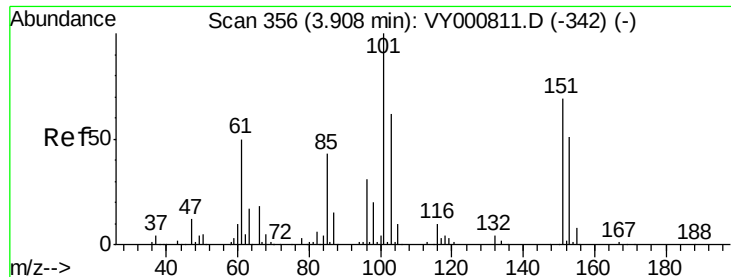


#8

Diethyl Ether
Concen: 51.300 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	103575		
45	98.0	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.922 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000852.D

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MSVOA_Y

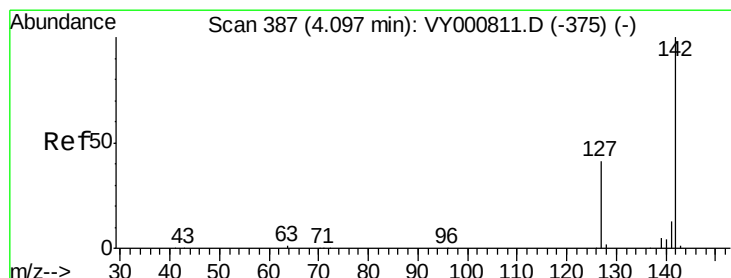
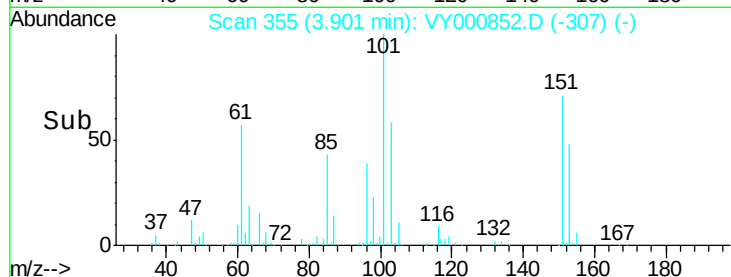
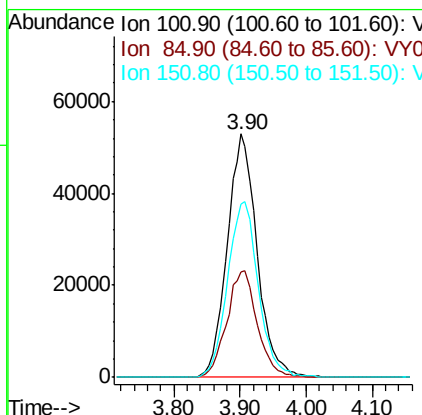
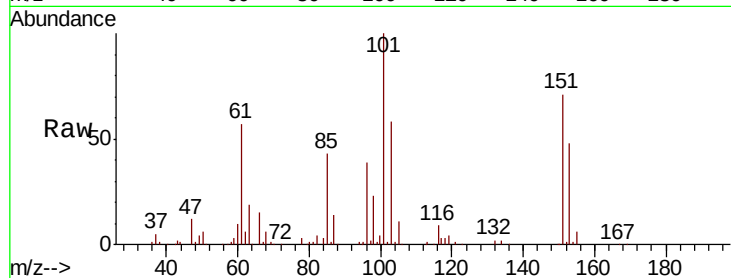
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	165375
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.0	54.0
151	74.5	58.2	87.2

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#10

Methyl Iodide

Concen: 49.093 ug/l

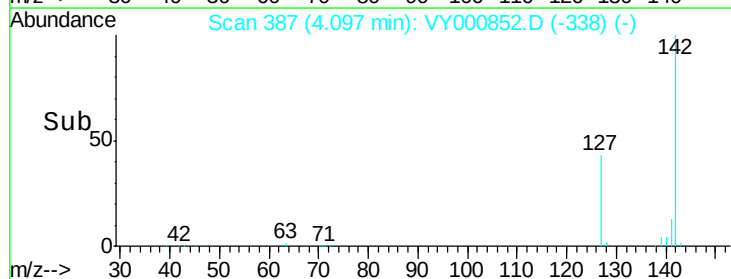
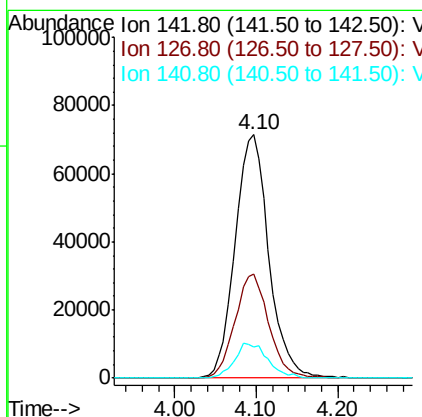
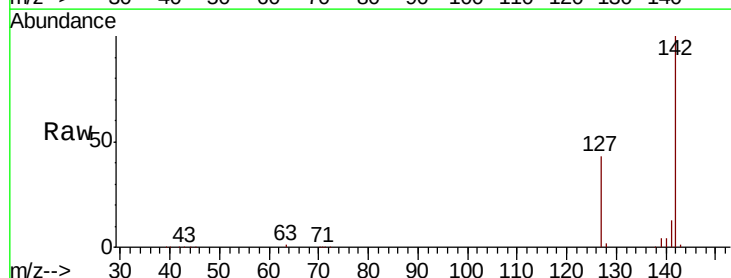
RT: 4.10 min Scan# 387

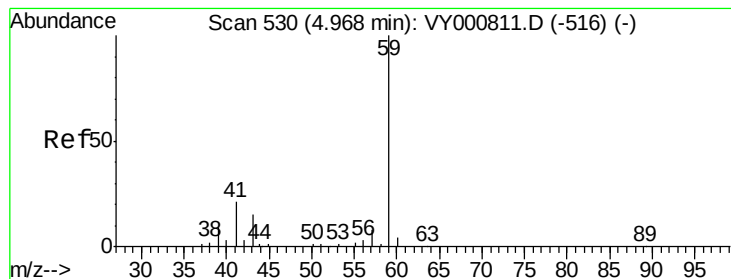
Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion:	142	Resp:	204756
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.8	50.8
141	14.3	10.9	16.3





#11

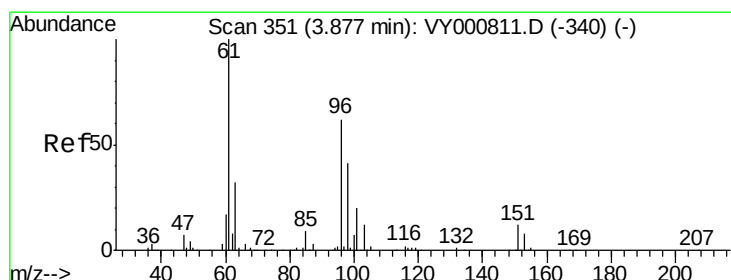
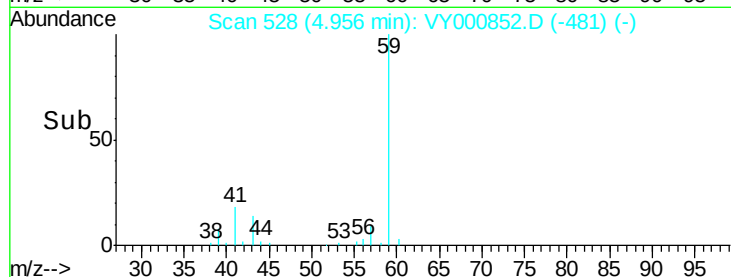
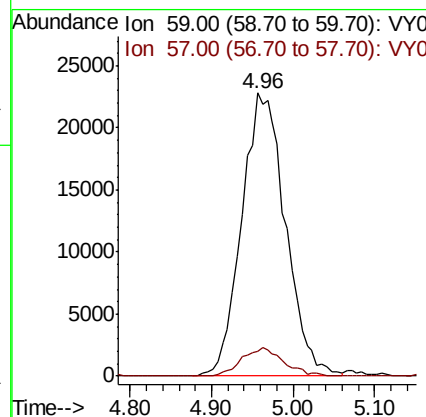
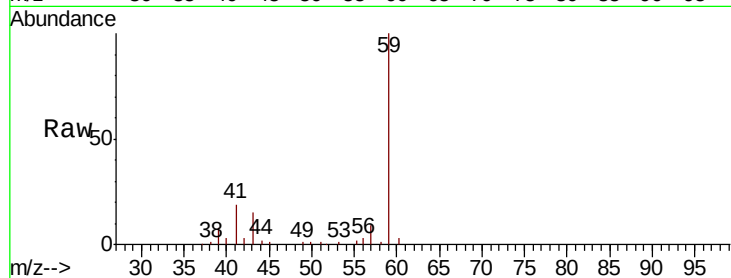
Tert butyl alcohol
Concen: 265.713 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.8	11.6

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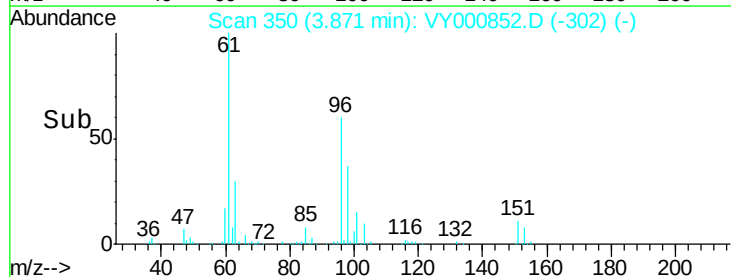
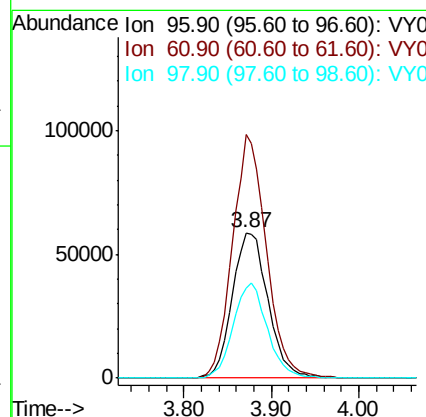
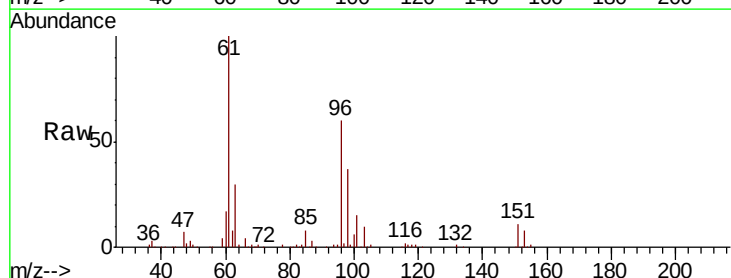
apatel
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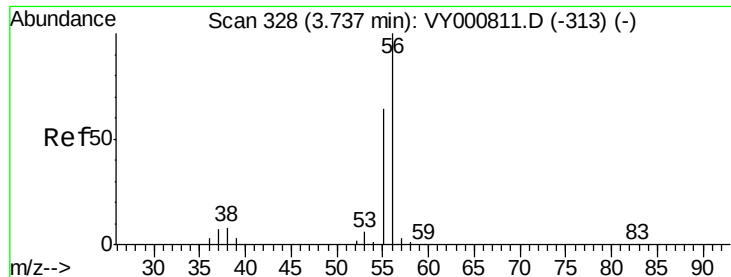


#12

1,1-Dichloroethene
Concen: 50.713 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.9	129.4	194.2
98	61.6	53.4	80.0





#13

Acrolein

Concen: 272.339 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 85840

Ion Ratio Lower Upper

56 100

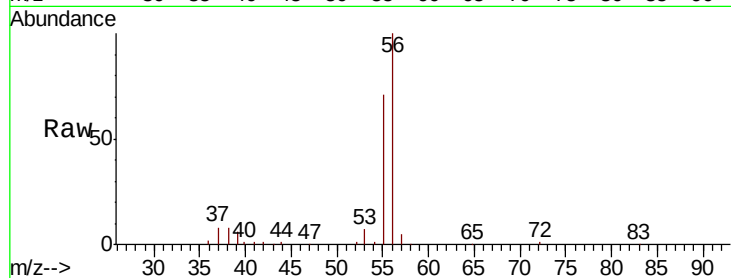
55 69.7 55.7 83.5

Manual Integrations

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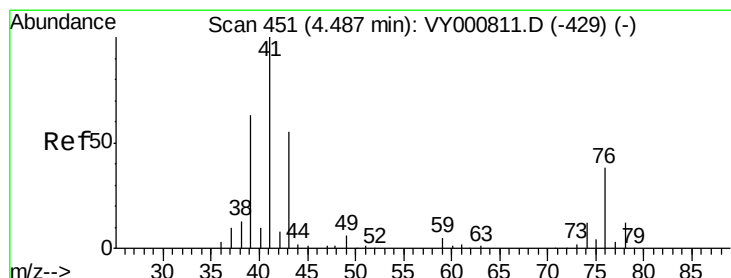
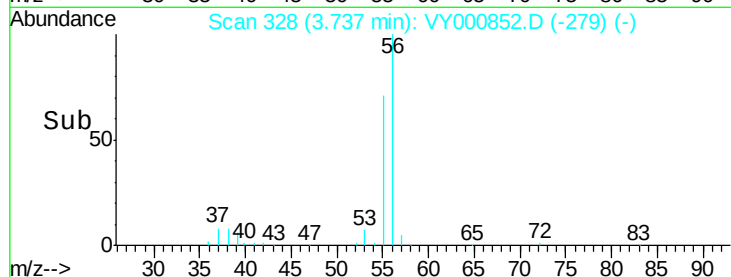
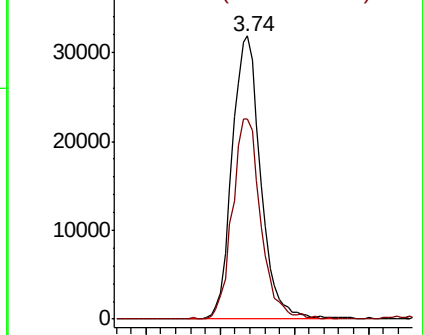
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.622 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

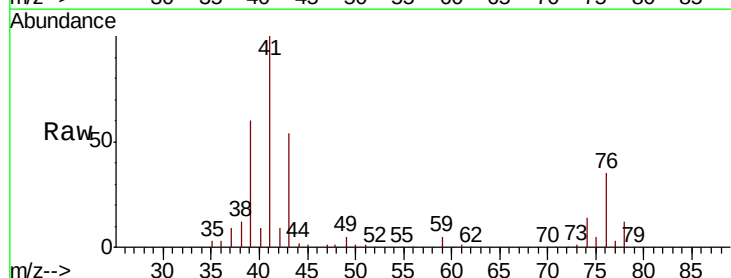
Tgt Ion: 41 Resp: 296109

Ion Ratio Lower Upper

41 100

39 60.1 49.2 73.8

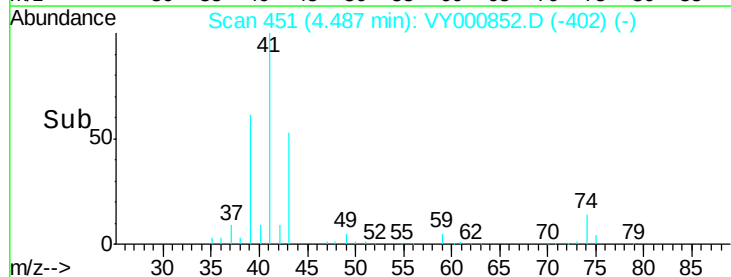
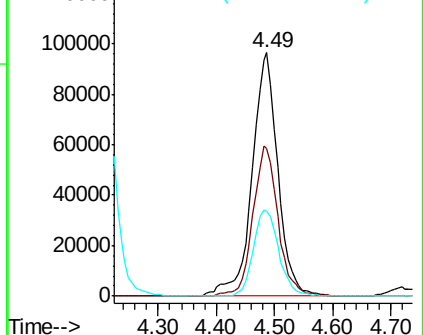
76 35.0 29.2 43.8

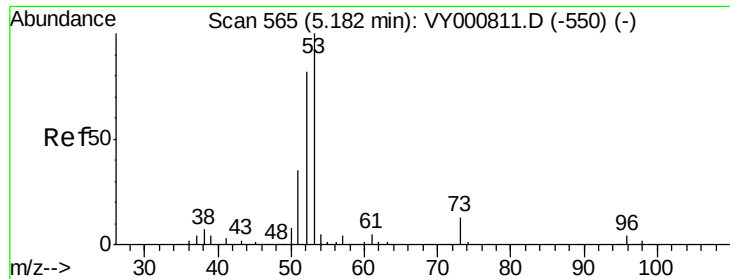


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 267.408 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

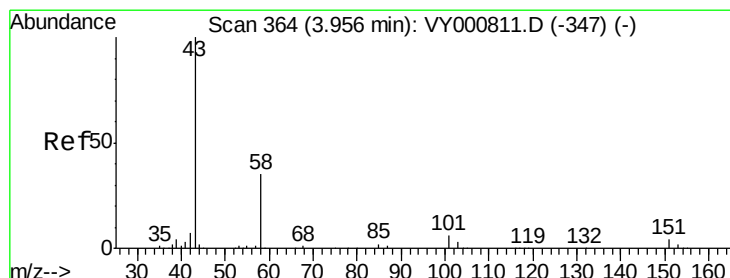
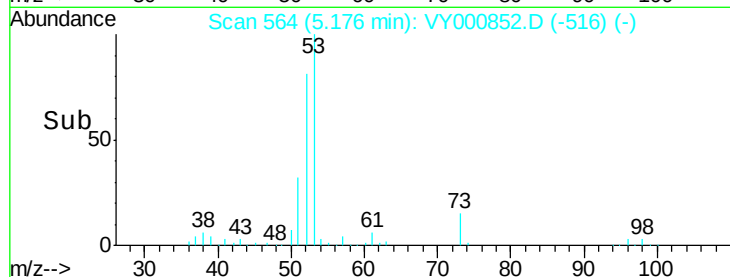
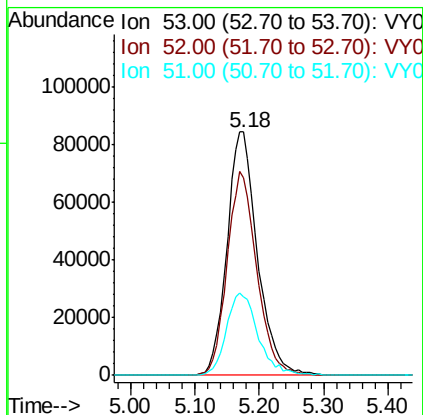
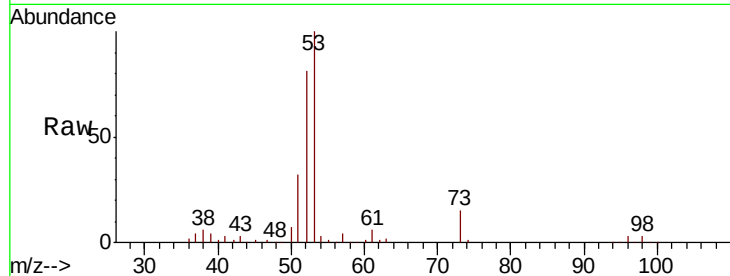
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	278787
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.1	97.7
51	35.4	29.0	43.4

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#16

Acetone

Concen: 254.202 ug/l

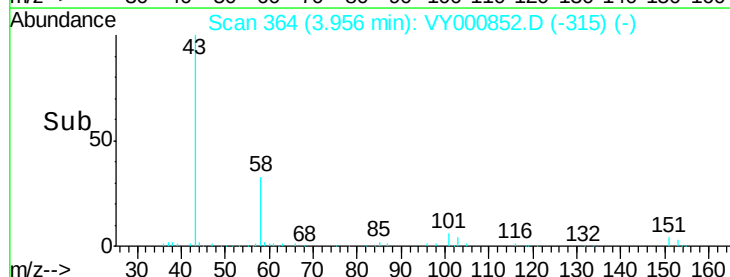
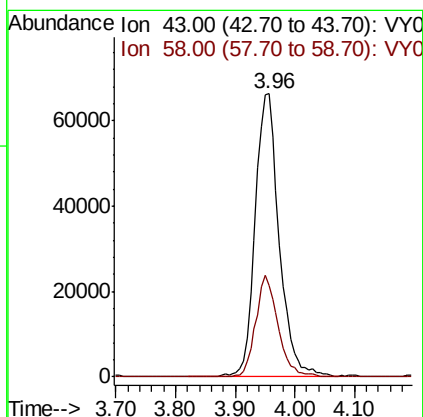
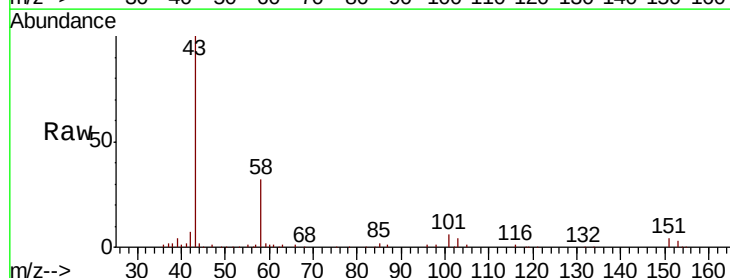
RT: 3.96 min Scan# 364

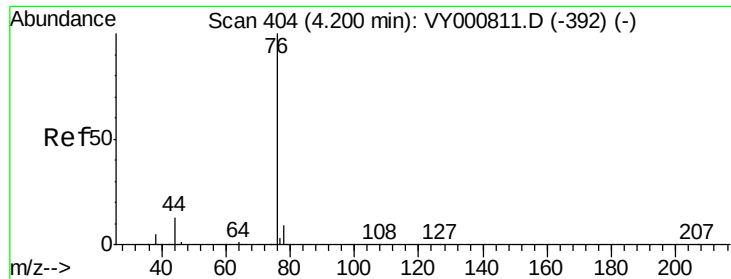
Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion:	43	Resp:	185461
Ion Ratio	Lower	Upper	
43	100		
58	32.4	28.0	42.0





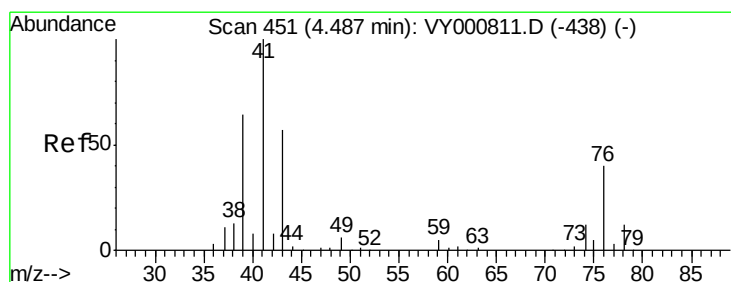
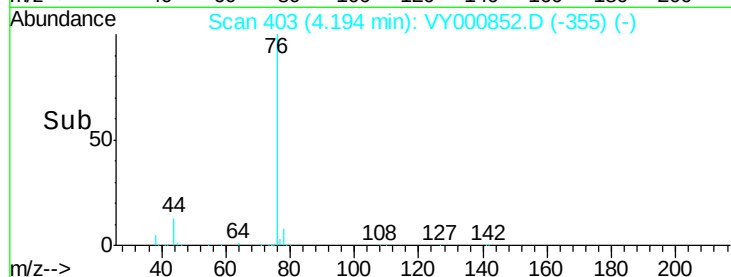
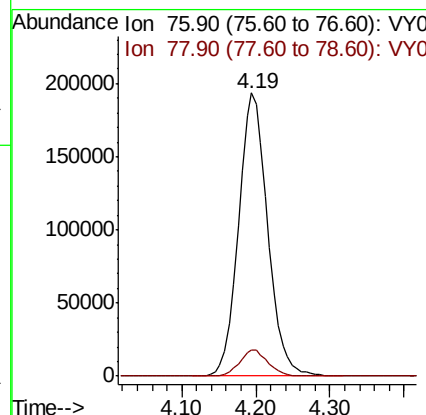
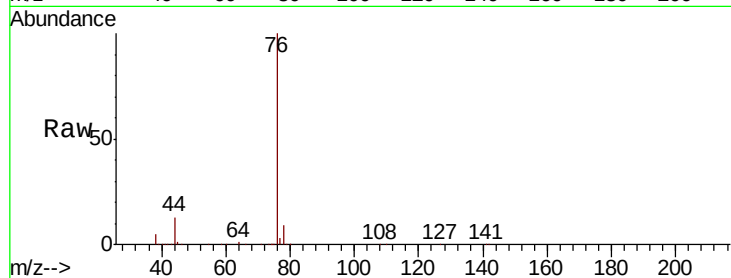
#17
Carbon Disulfide
Concen: 49.864 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

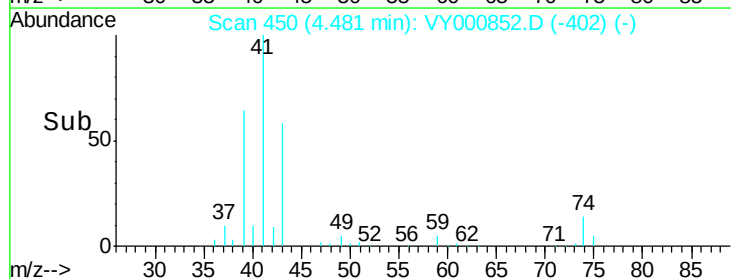
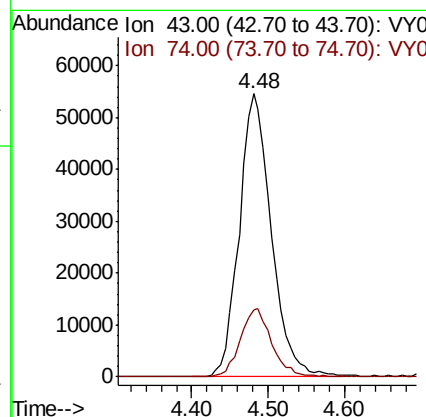
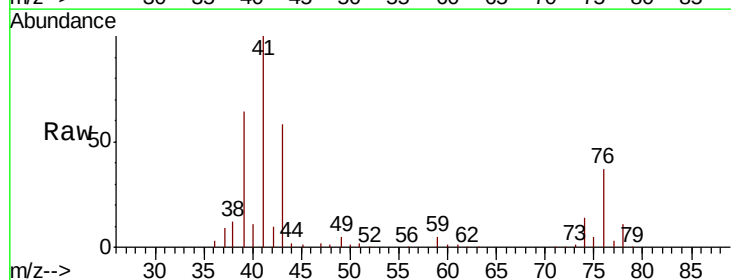
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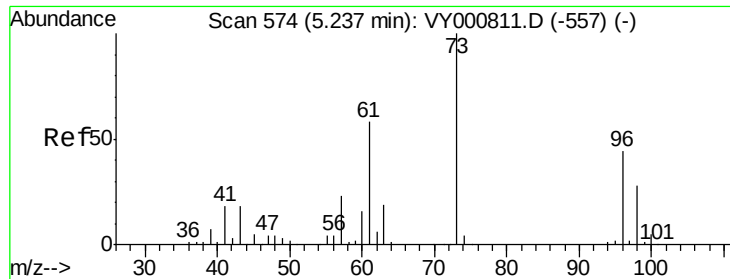
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#18
Methyl Acetate
Concen: 51.991 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.5	27.7





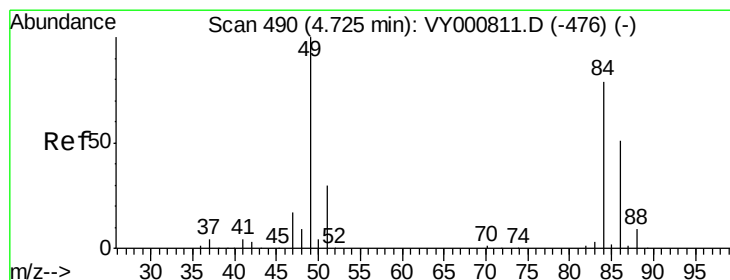
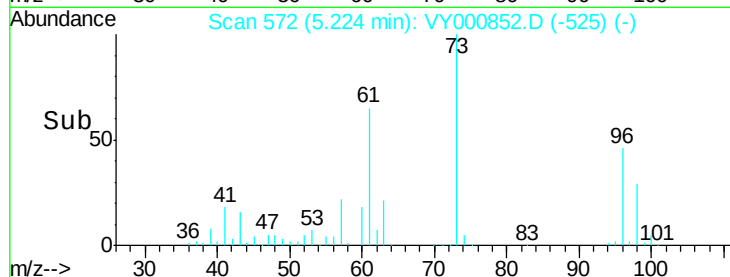
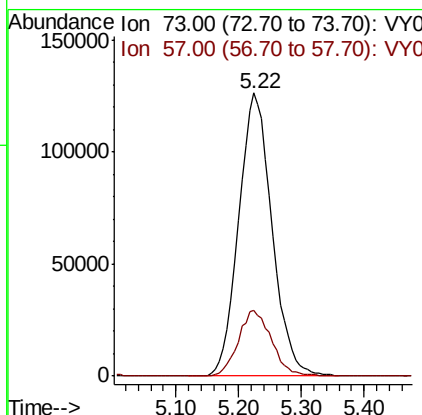
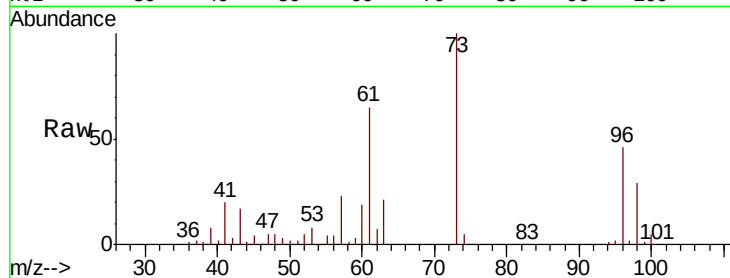
#19
Methyl tert-butyl Ether
Concen: 52.950 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 464077
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4

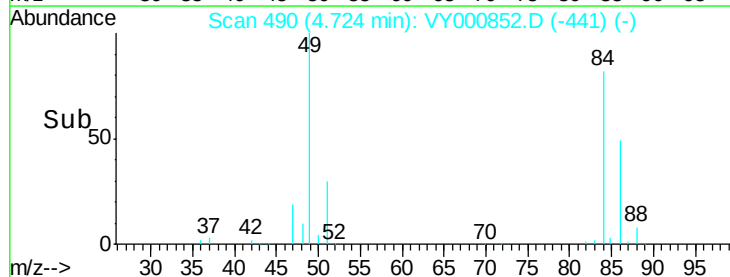
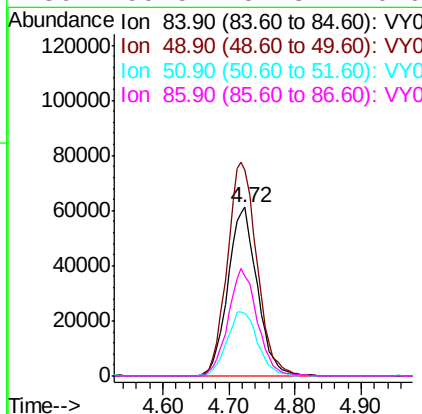
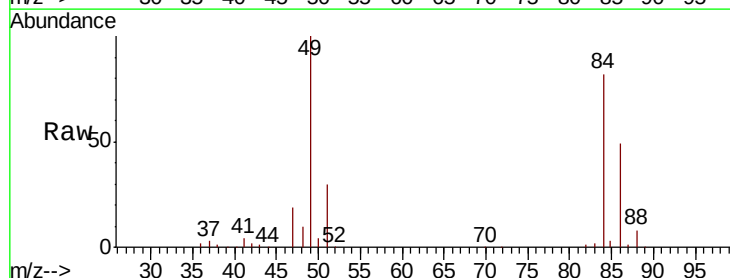
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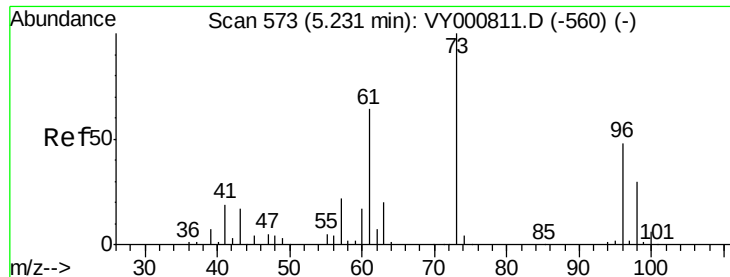
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#20
Methylene Chloride
Concen: 48.771 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion: 84 Resp: 187561
Ion Ratio Lower Upper
84 100
49 122.1 101.3 151.9
51 37.0 30.6 45.8
86 59.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.608 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

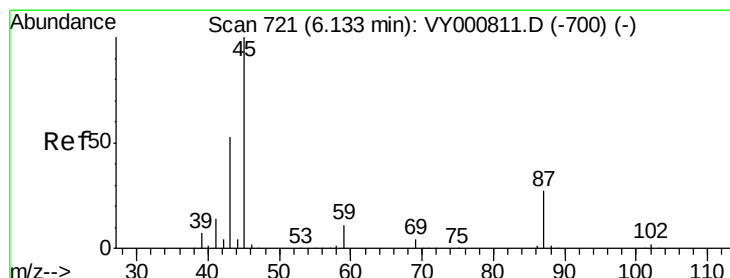
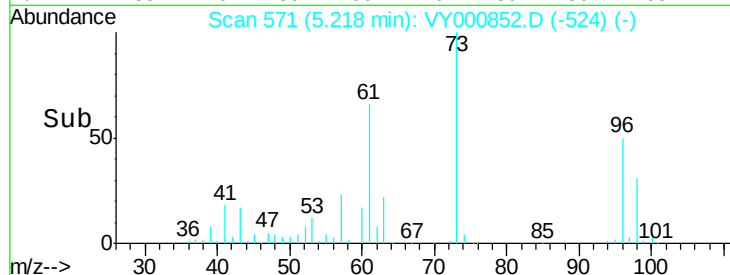
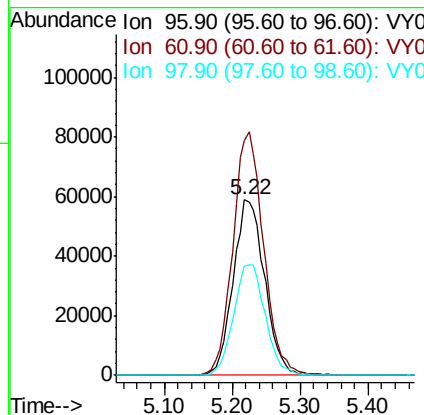
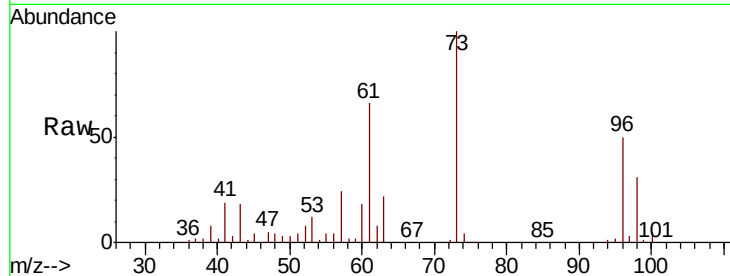
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	188774
Ion	Ratio	Lower	Upper
96	100		
61	133.6	105.9	158.9
98	62.0	49.4	74.2

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#22

Diisopropyl ether

Concen: 53.425 ug/l

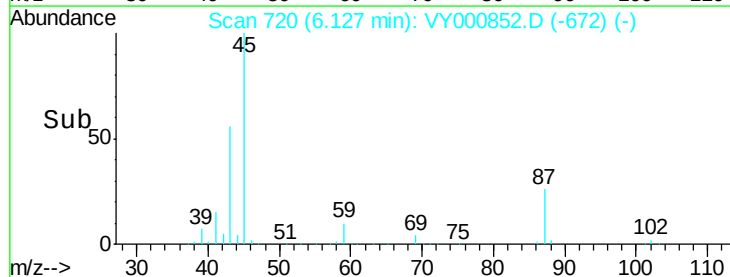
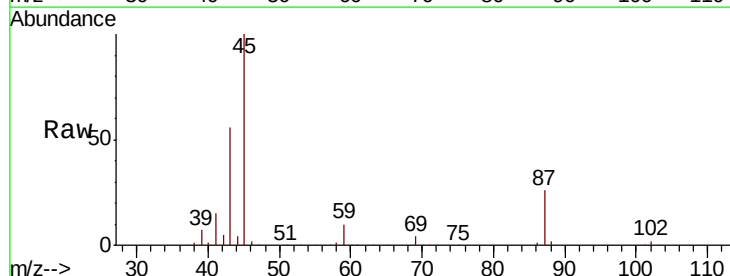
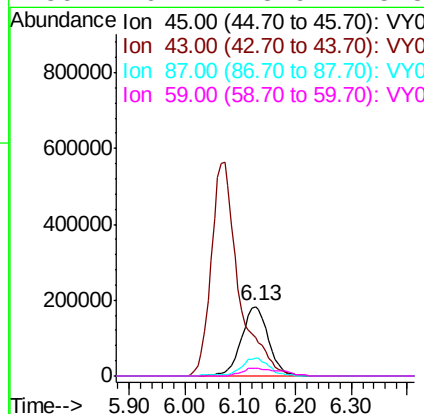
RT: 6.13 min Scan# 720

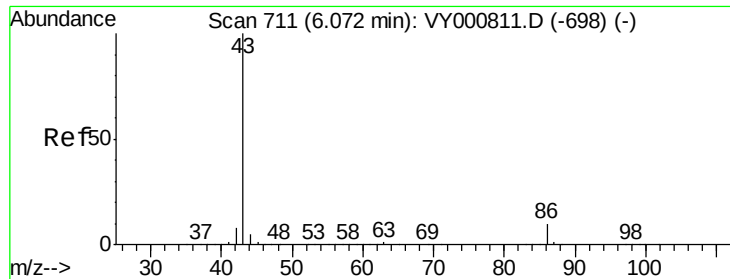
Delta R.T. -0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion:	45	Resp:	617887
Ion	Ratio	Lower	Upper
45	100		
43	55.2	42.7	64.1
87	26.2	22.0	33.0
59	10.2	8.9	13.3





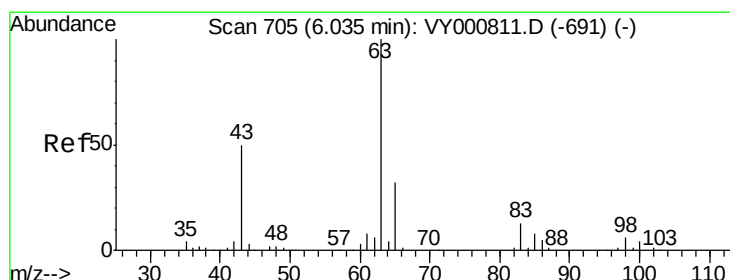
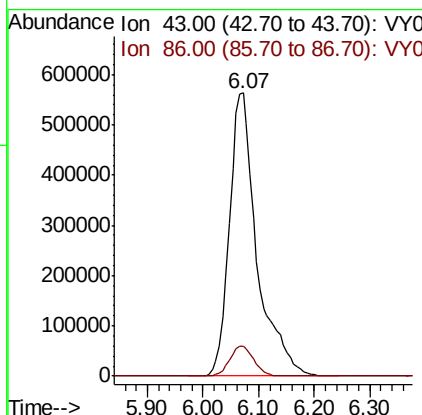
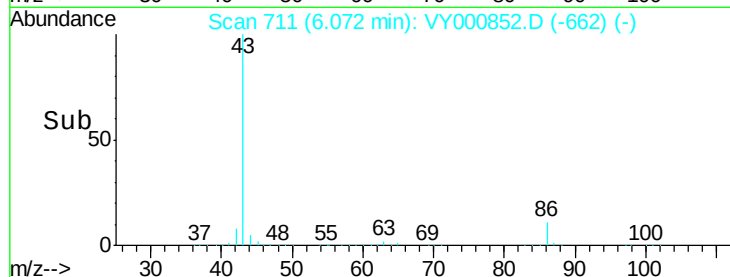
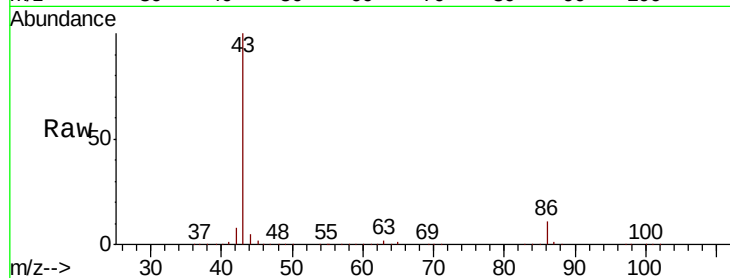
#23
 Vinyl Acetate
 Concen: 274.554 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1930397
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.3 12.5

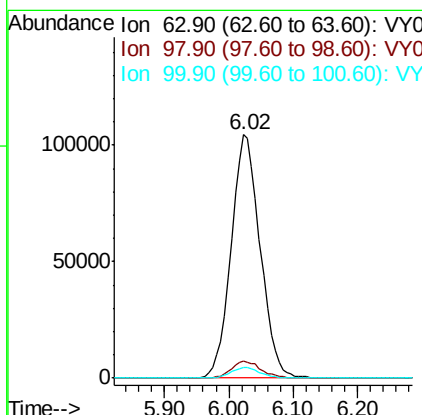
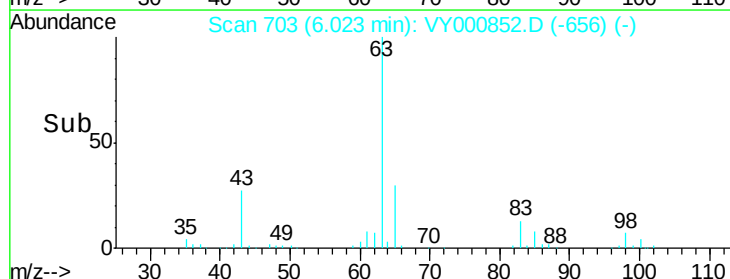
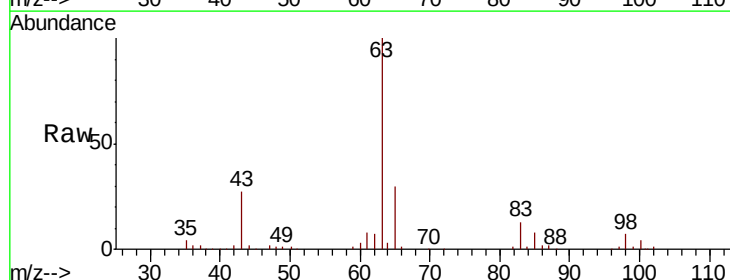
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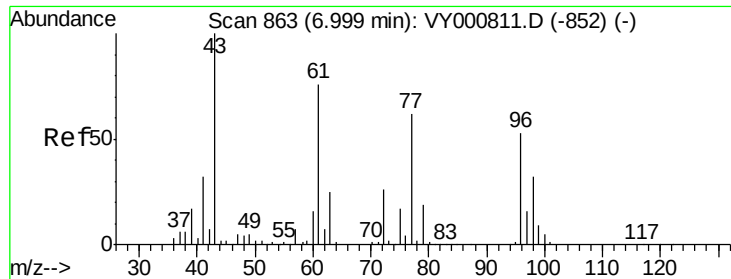
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#24
 1,1-Dichloroethane
 Concen: 51.339 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion: 63 Resp: 327257
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 276.849 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 373118

Ion Ratio Lower Upper

43 100

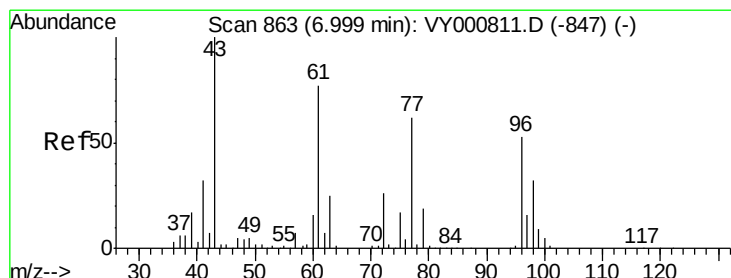
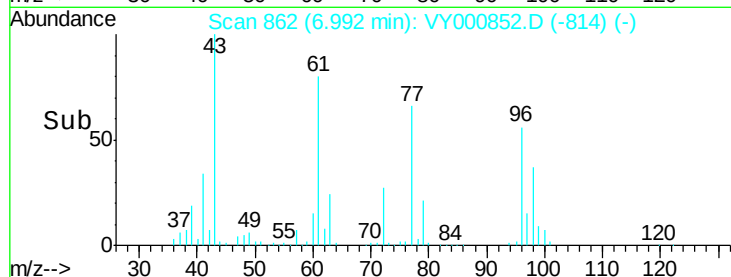
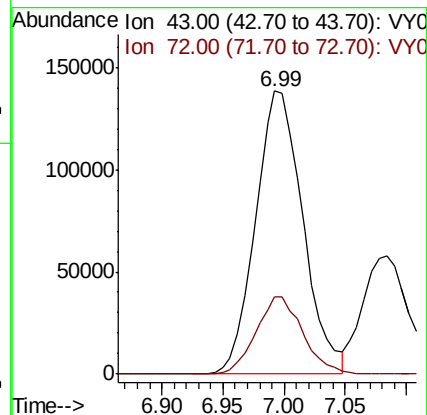
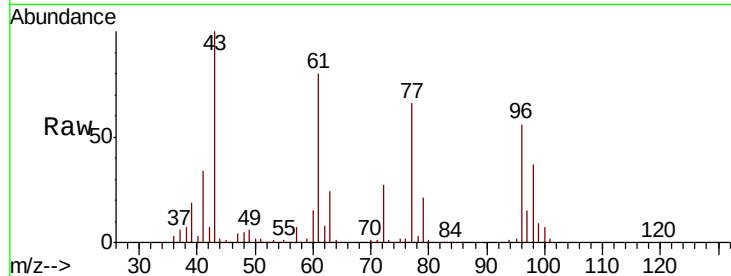
72 27.5 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.581 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000852.D

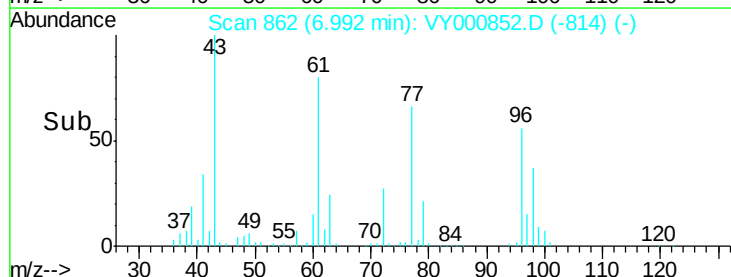
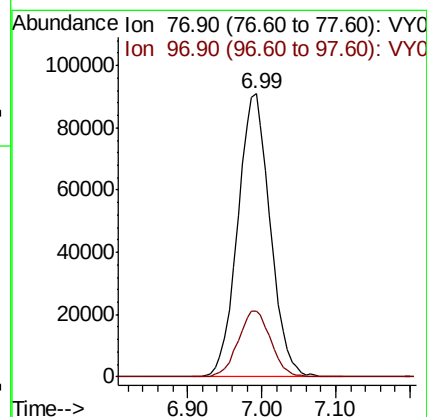
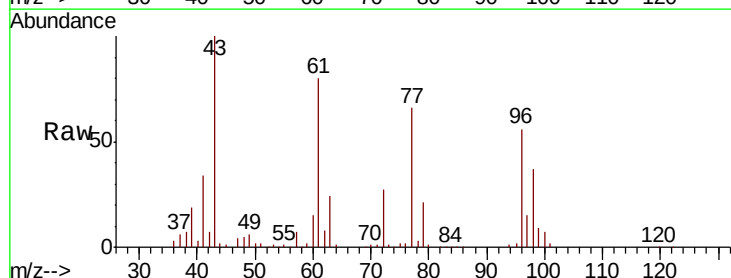
Acq: 04 Dec 2019 10:25

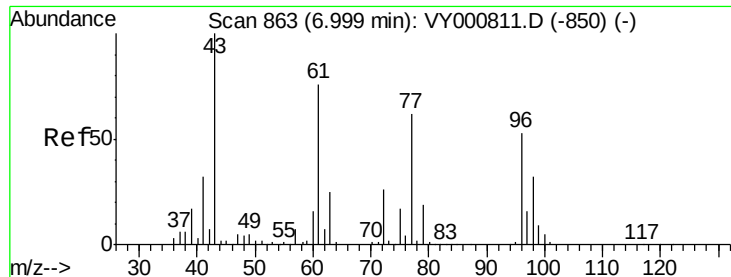
Tgt Ion: 77 Resp: 276731

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9





#27

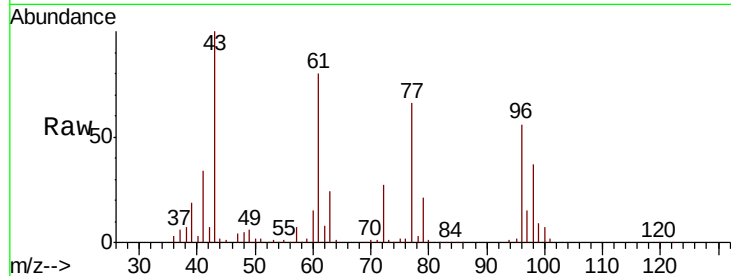
cis-1,2-Dichloroethene
Concen: 51.899 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

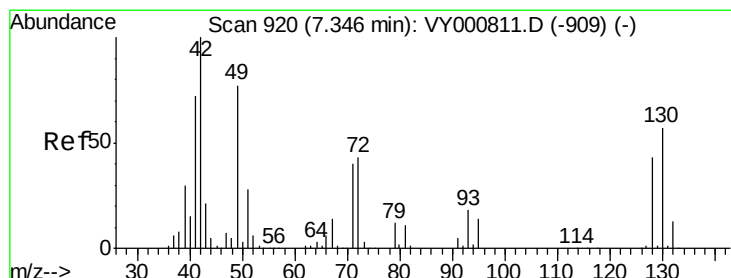
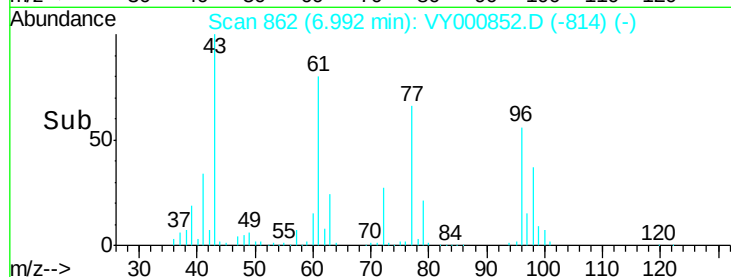
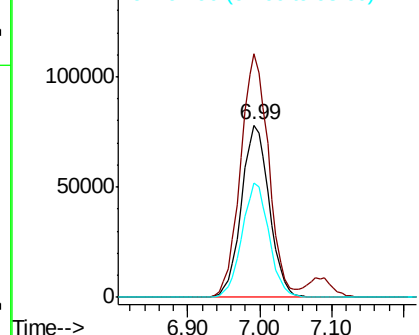
Tot Ion	Ratio	Resp	Lower	Upper
96	100	209260		
61	142.1	0.0	285.0	
98	64.5	0.0	128.0	

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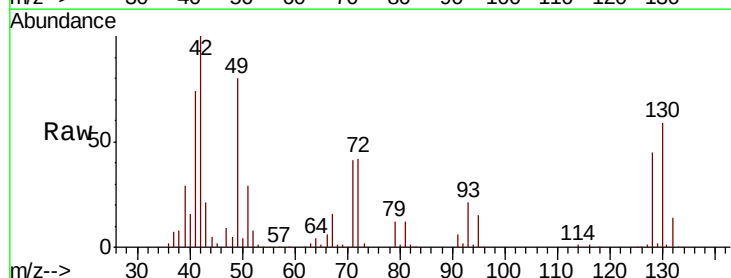
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



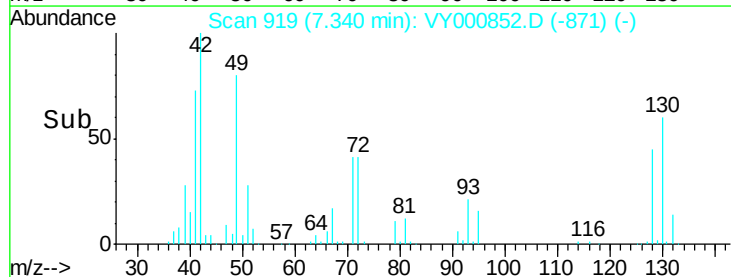
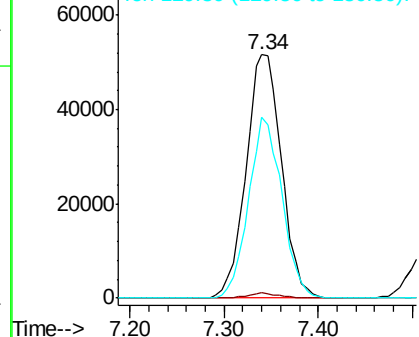
#28

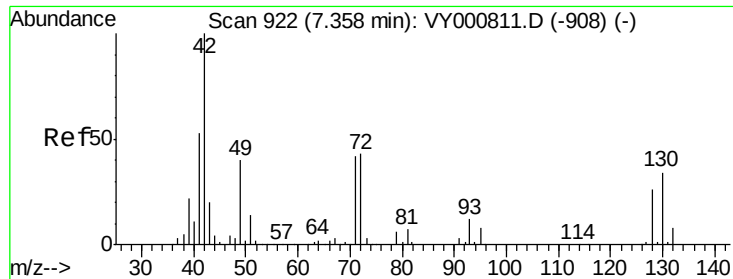
Bromochloromethane
Concen: 57.536 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	135211		
129	1.7	0.0	3.8	
130	70.3	58.7	88.1	



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





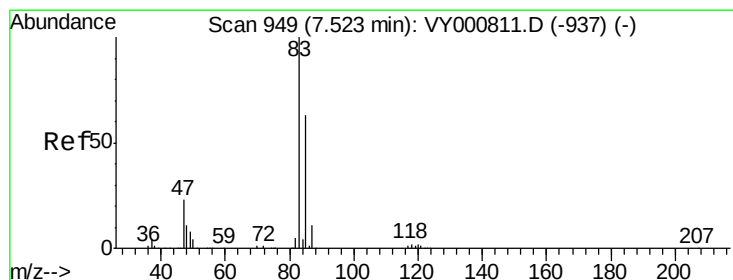
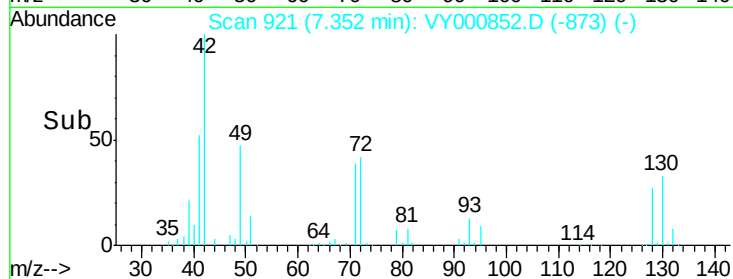
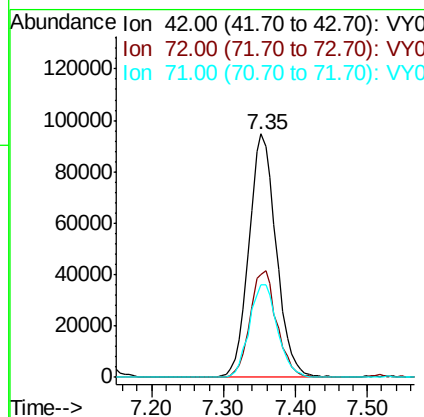
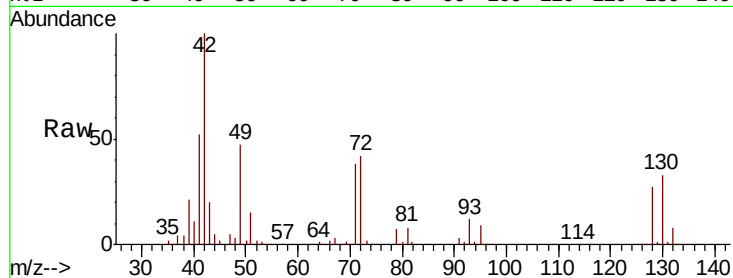
#29
Tetrahydrofuran
Concen: 279.953 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	35.1	52.7
71	39.3	32.8	49.2

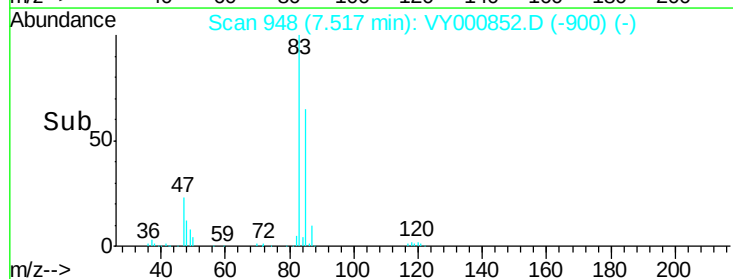
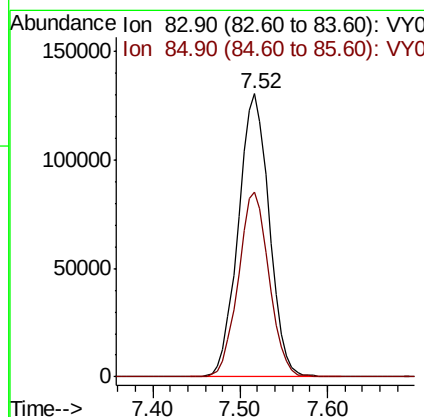
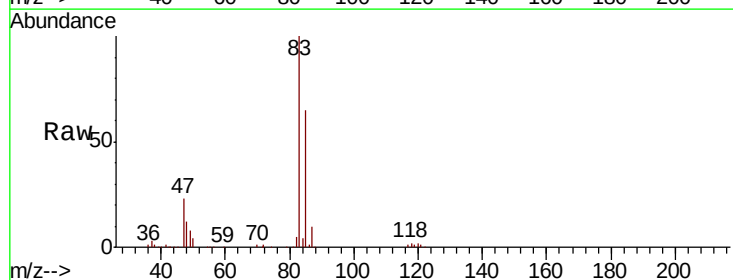
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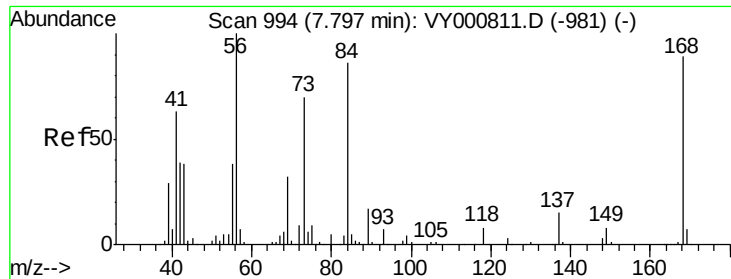
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#30
Chloroform
Concen: 50.080 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.4	75.6





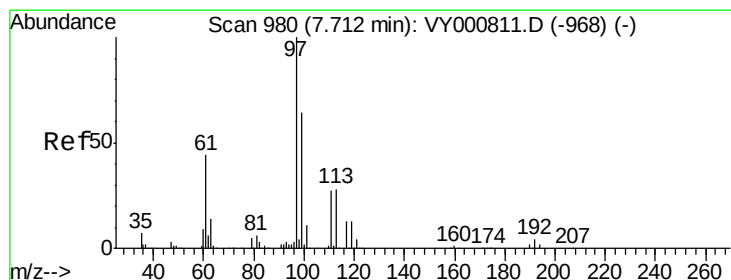
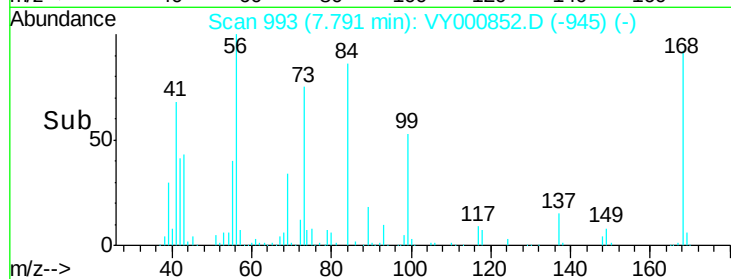
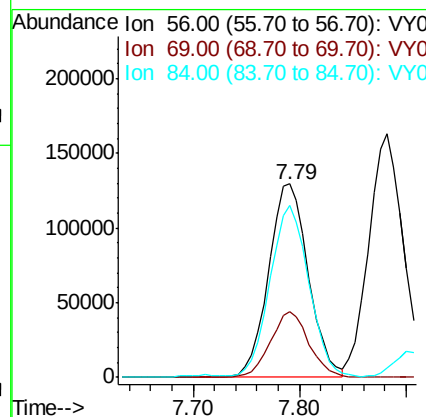
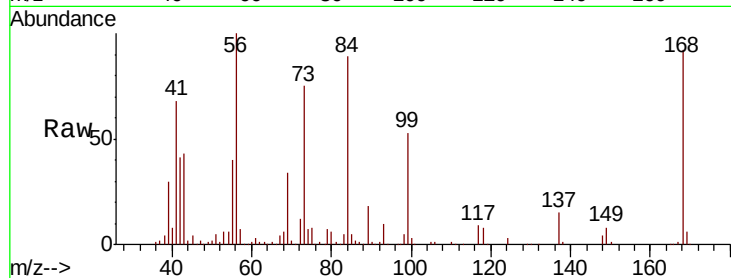
#31
Cyclohexane
Concen: 49.689 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	25.9	38.9
84	87.8	68.6	102.8

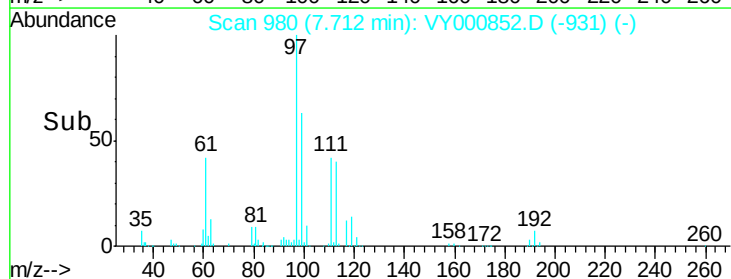
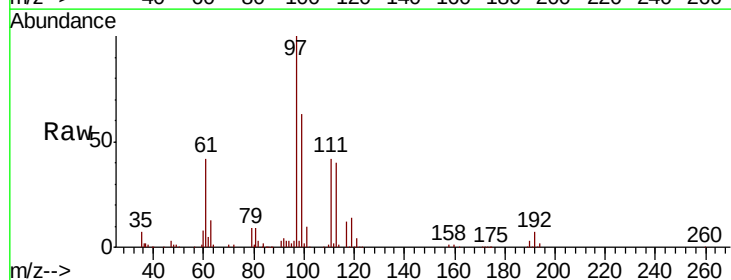
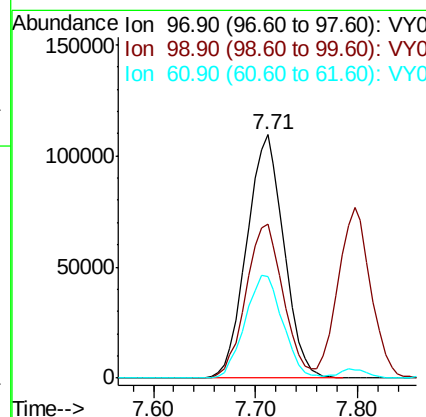
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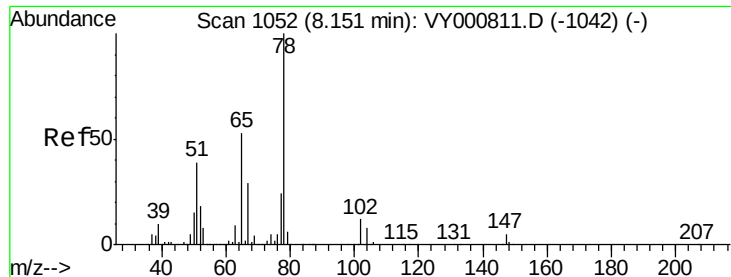
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#32
1,1,1-Trichloroethane
Concen: 52.525 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.7	77.5
61	43.0	35.0	52.6





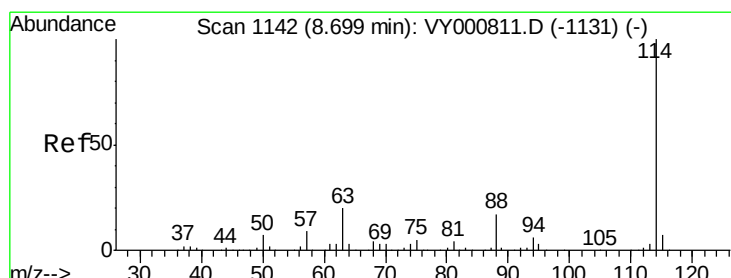
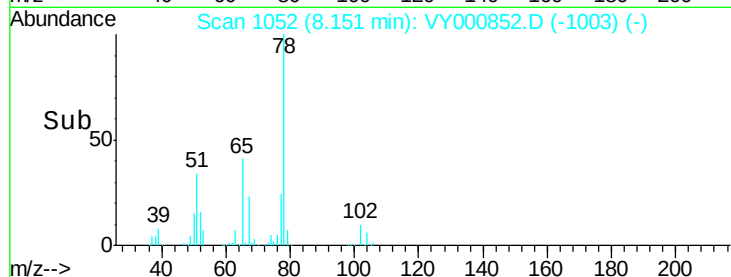
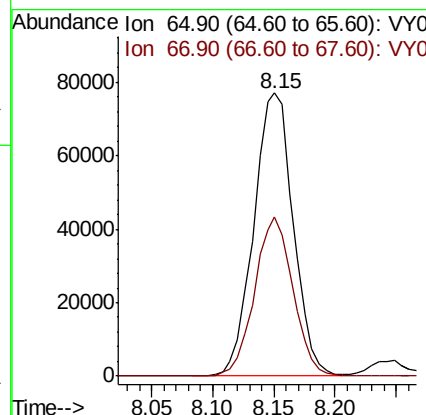
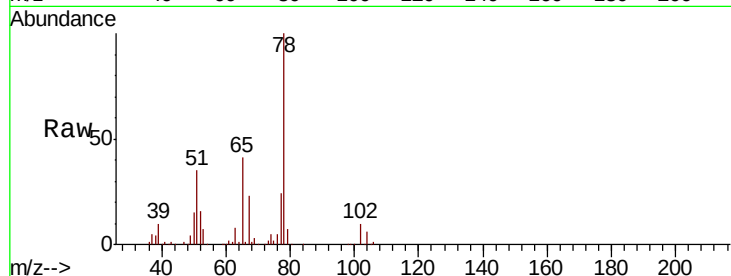
#33
 1,2-Dichloroethane-d4
 Concen: 54.435 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173127		
67	54.4	0.0	112.0	

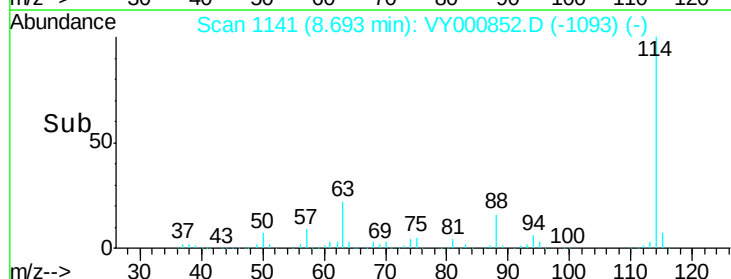
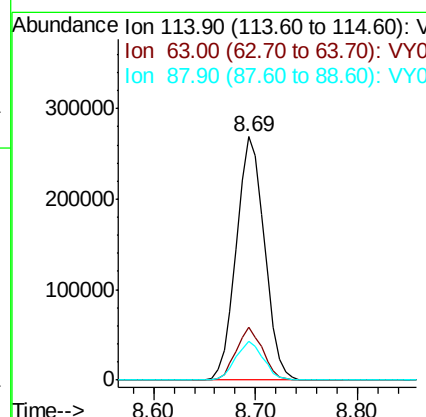
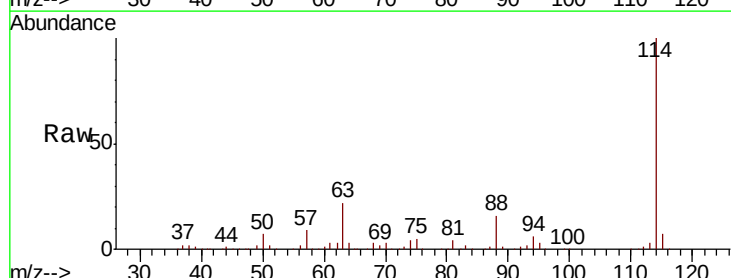
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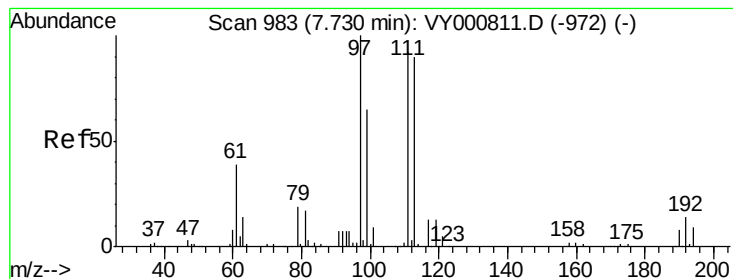
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	512311		
63	21.7	0.0	39.8	
88	16.1	0.0	33.2	





#35

Dibromofluoromethane

Concen: 52.964 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

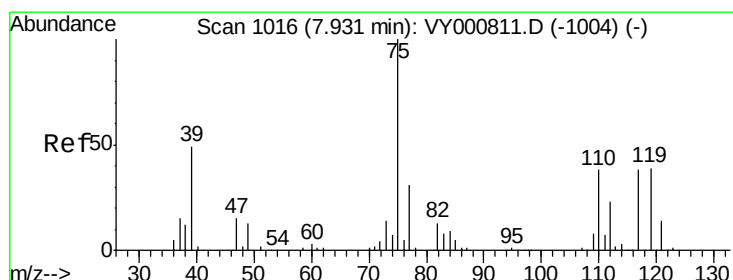
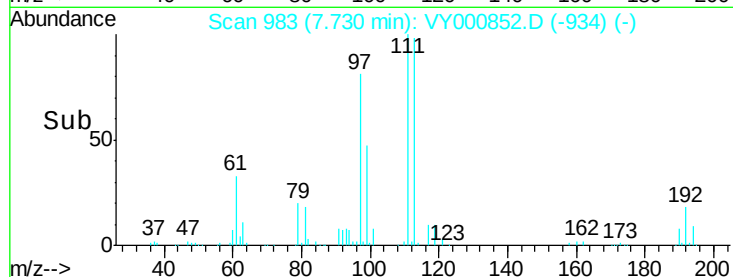
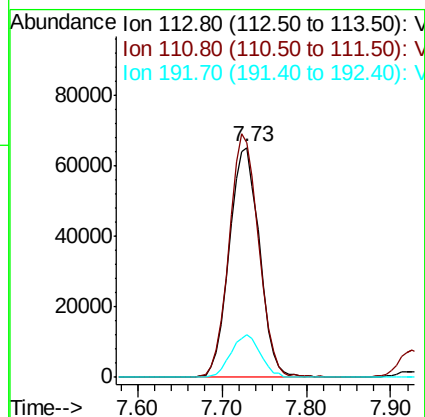
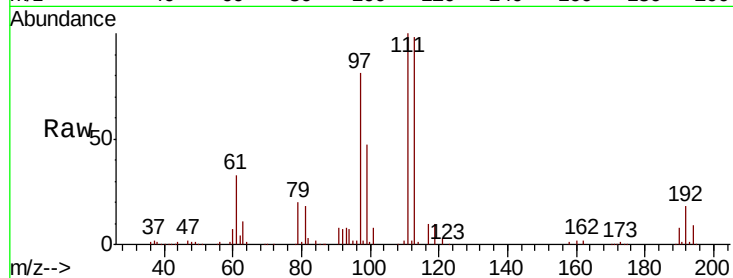
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	158138
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.4	123.6
192	18.0	14.2	21.2

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#36

1,1-Dichloropropene

Concen: 51.294 ug/l

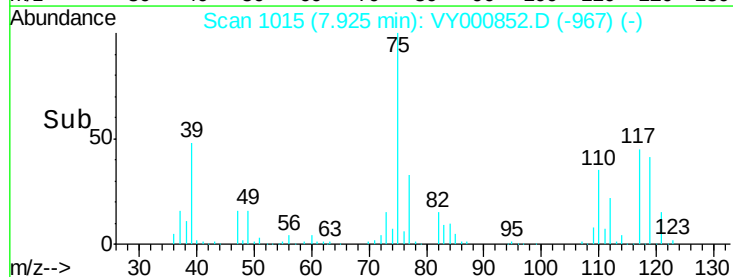
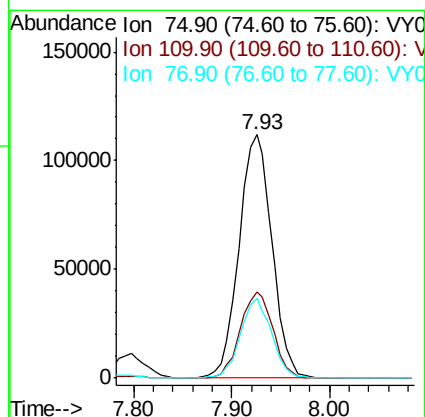
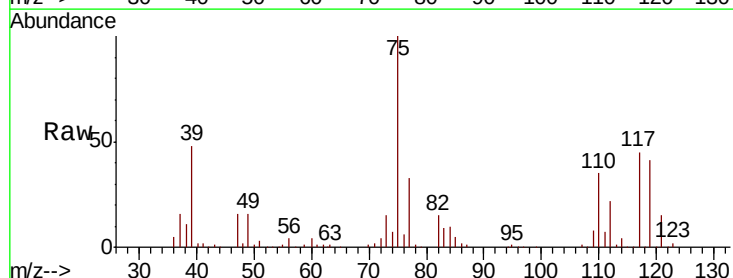
RT: 7.93 min Scan# 1015

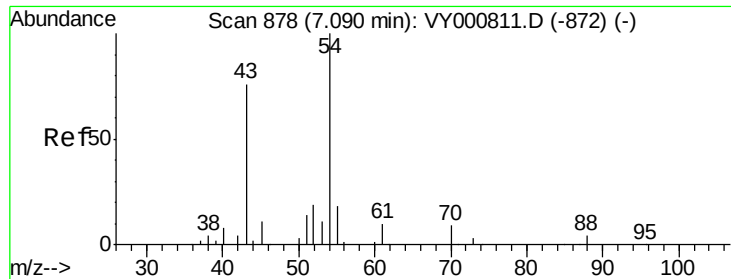
Delta R.T. -0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion:	75	Resp:	261289
Ion Ratio	Lower	Upper	
75	100		
110	35.1	17.9	53.7
77	30.9	24.7	37.1





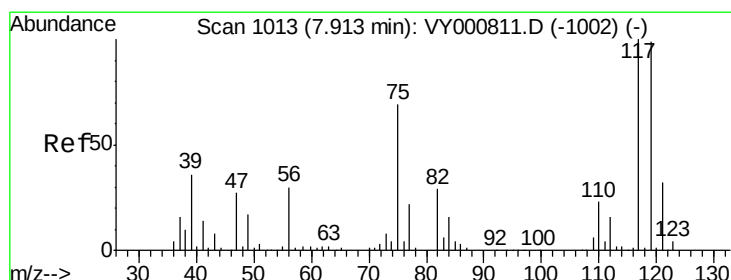
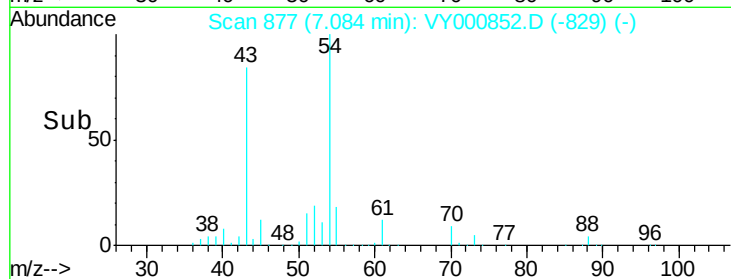
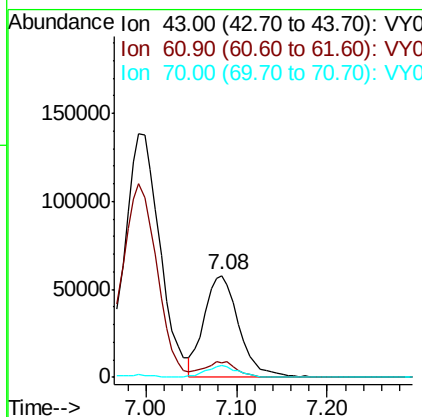
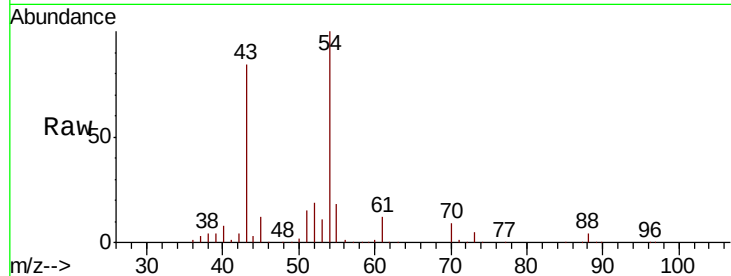
#37
Ethyl Acetate
Concen: 52.701 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.8
70	10.7	8.7	13.1

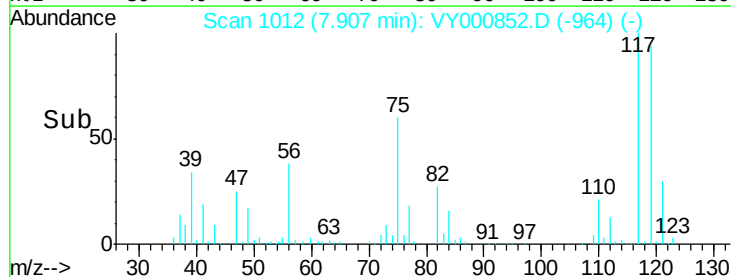
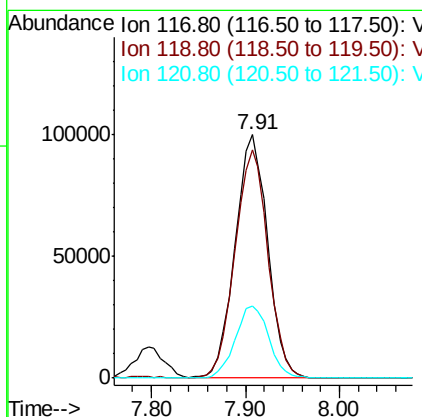
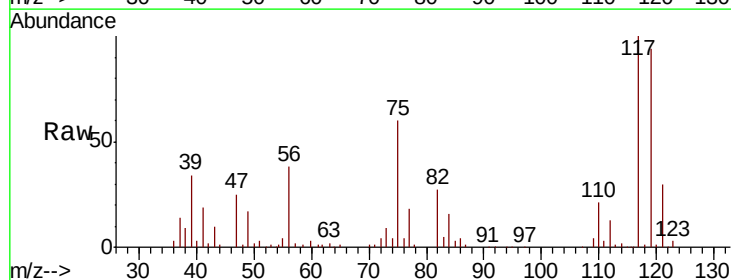
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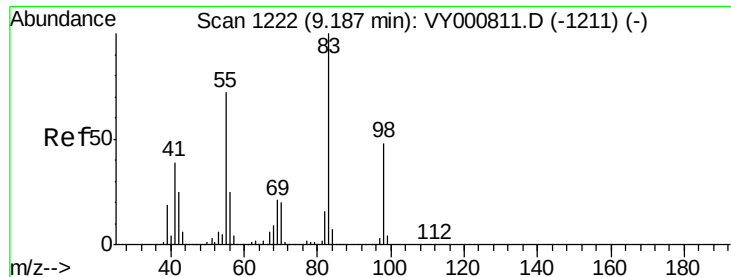
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#38
Carbon Tetrachloride
Concen: 53.187 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	79.3	118.9
121	29.5	25.5	38.3





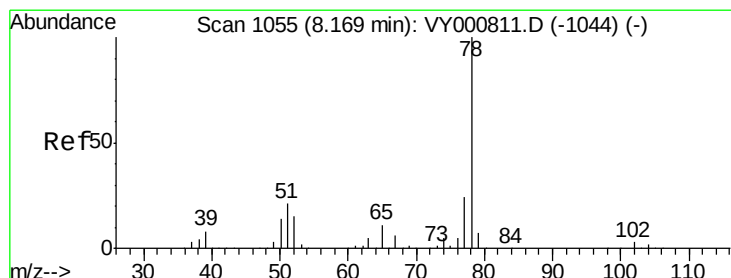
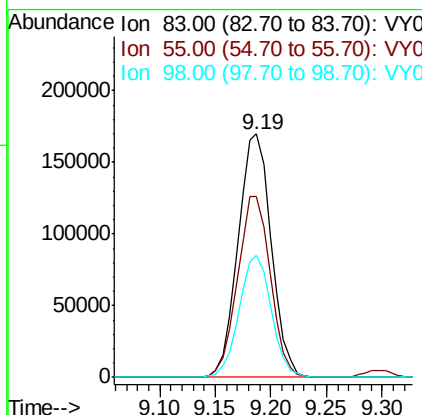
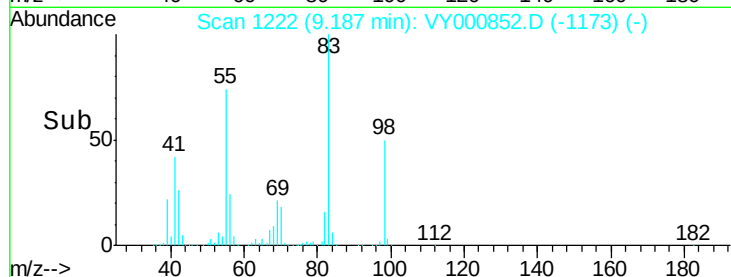
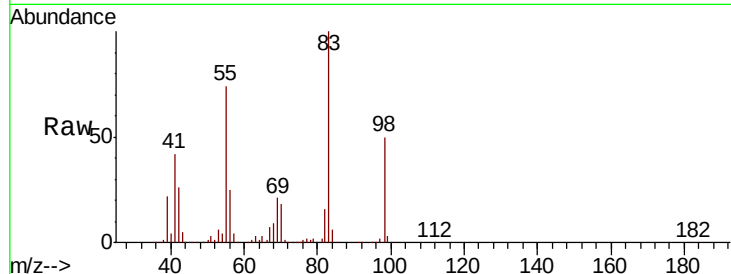
#39
Methylvlclohexane
Concen: 52.078 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	57.8	86.6
98	50.0	38.6	58.0

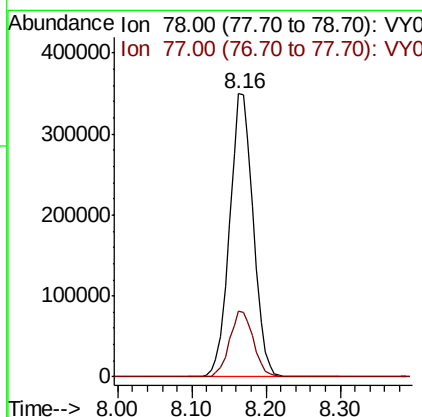
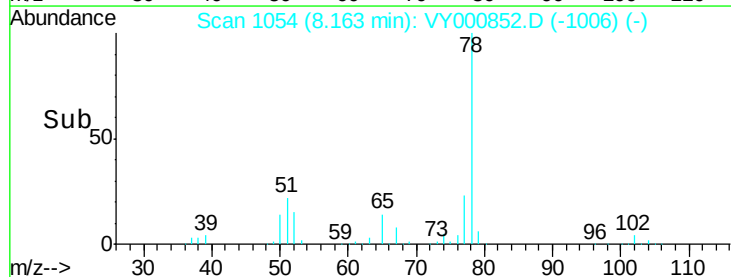
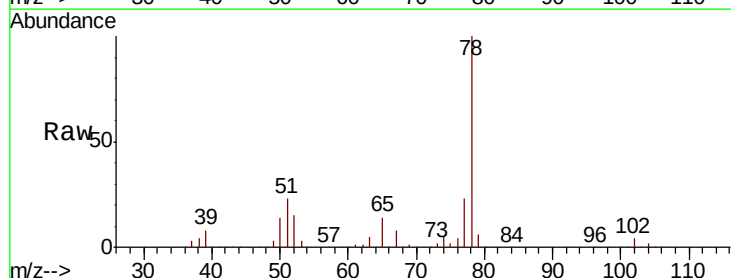
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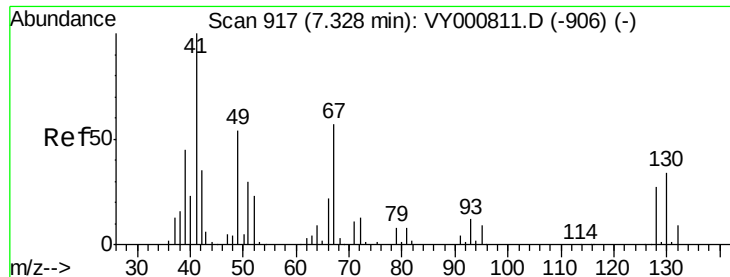
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#40
Benzene
Concen: 52.173 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





#41

Methacrylonitrile

Concen: 41.735 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 64699

Ion Ratio Lower Upper

41 100

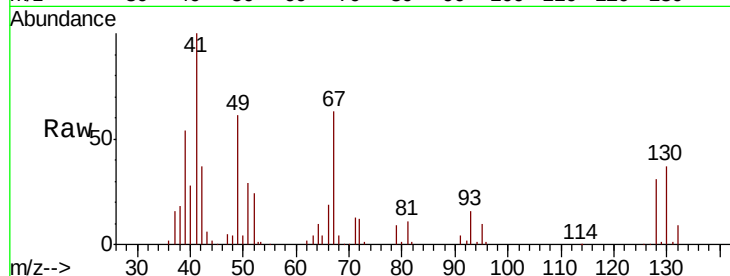
39 0.0 95.7 143.5#

67 0.0 0.0 0.0

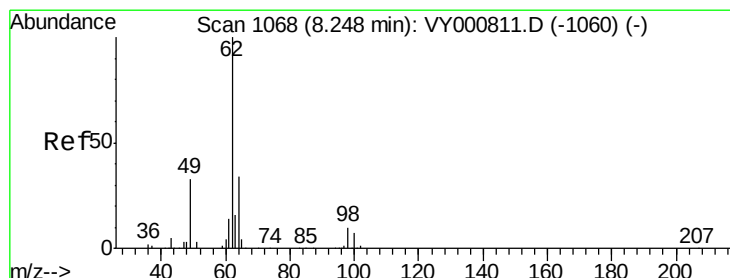
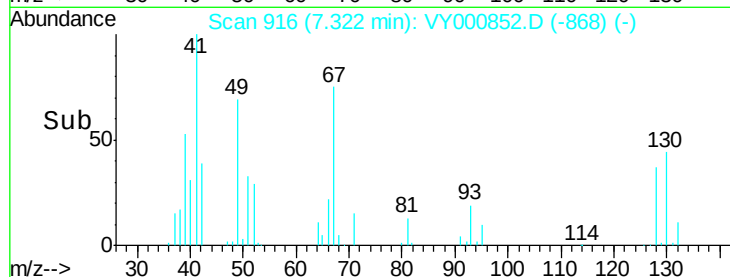
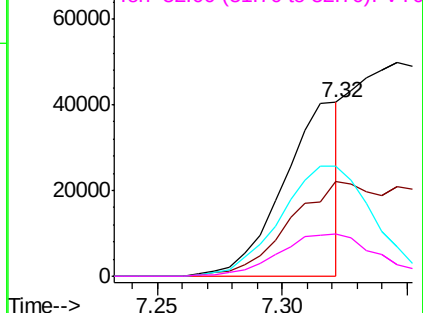
52 0.0 0.0 0.0

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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 53.300 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000852.D

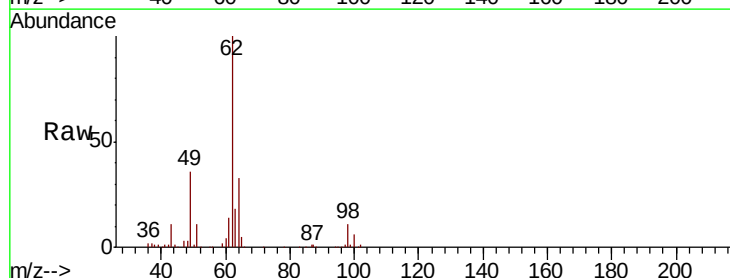
Acq: 04 Dec 2019 10:25

Tgt Ion: 62 Resp: 207983

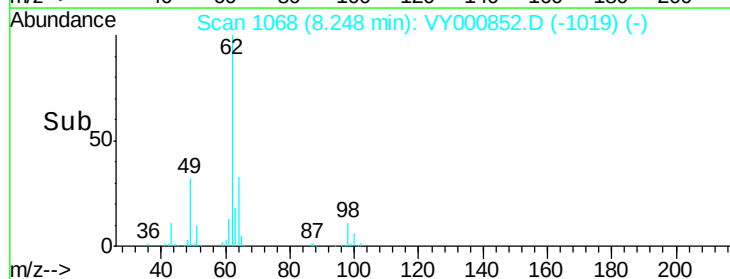
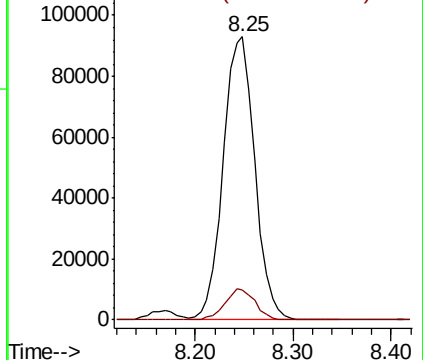
Ion Ratio Lower Upper

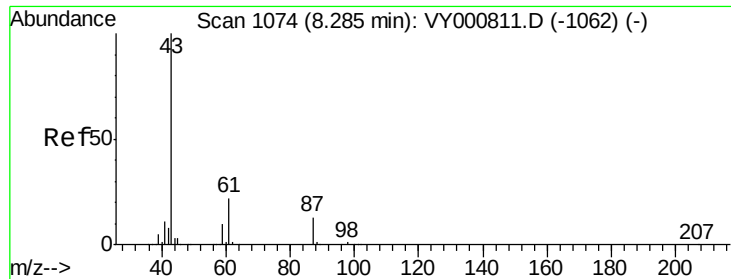
62 100

98 10.4 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 53.464 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

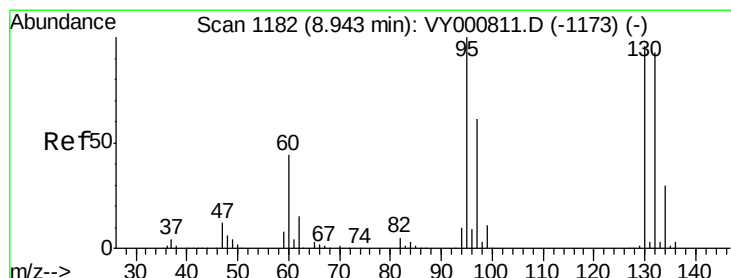
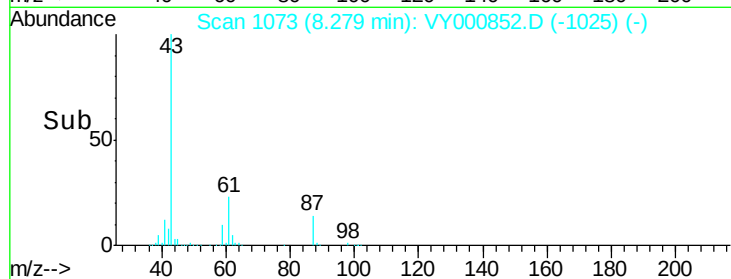
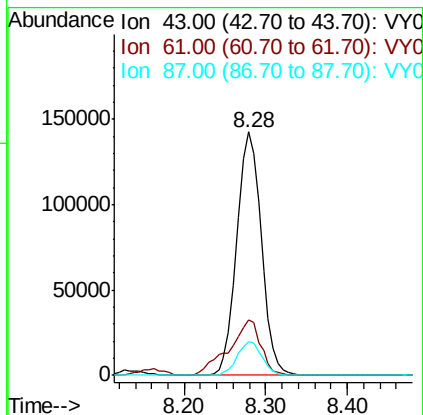
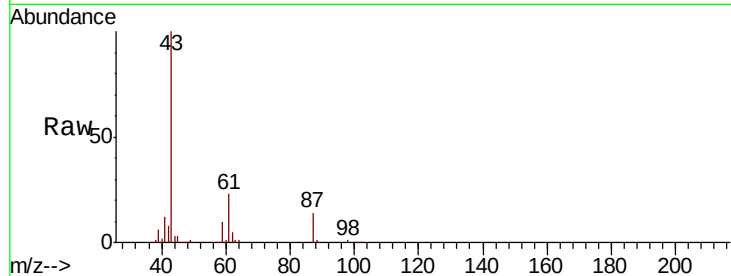
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	296341
Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.7	35.5
87	14.0	10.6	15.8

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#44

Trichloroethene

Concen: 53.651 ug/l

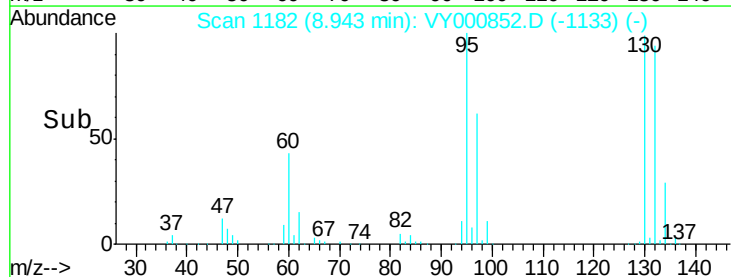
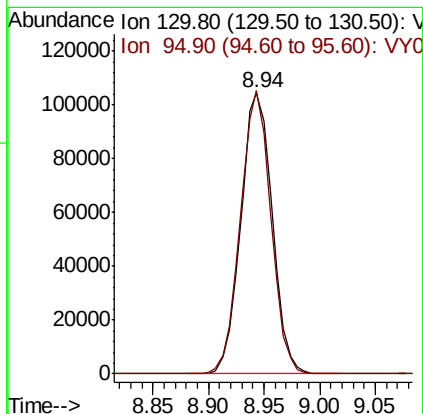
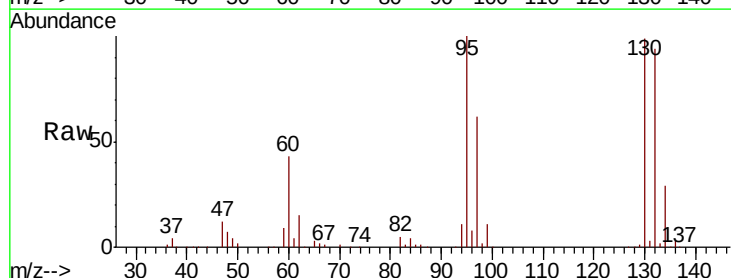
RT: 8.94 min Scan# 1182

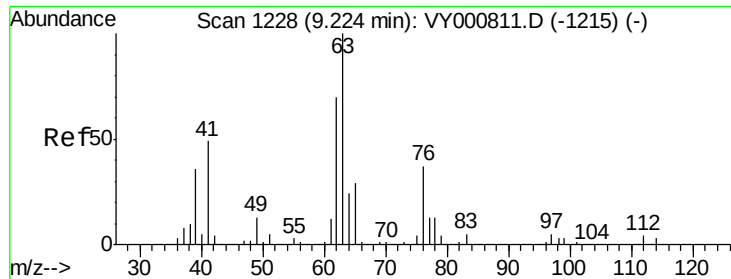
Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion:	130	Resp:	204586
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	207.8





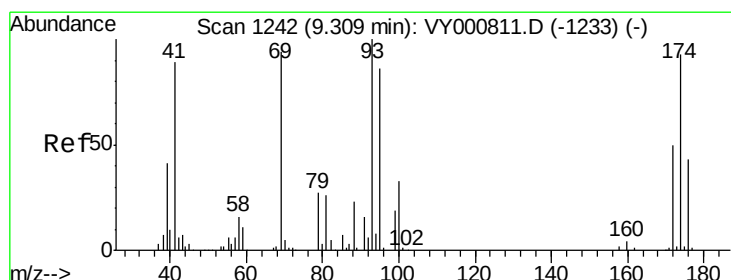
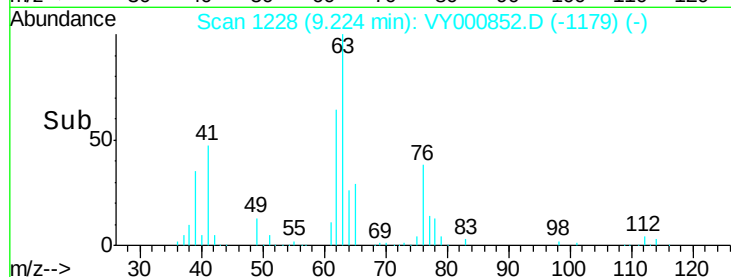
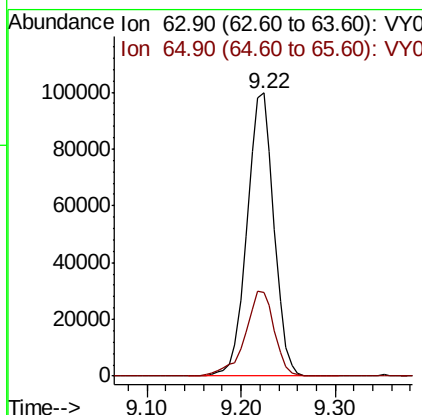
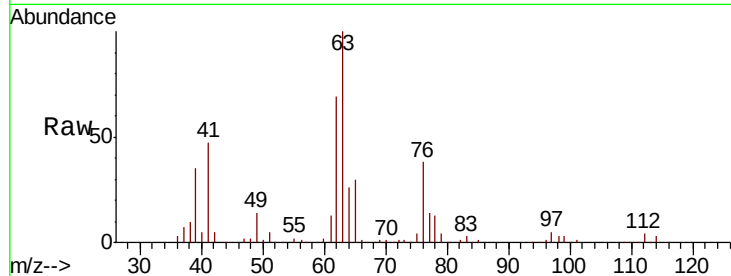
#45
 1,2-Dichloropropane
 Concen: 53.606 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 199789
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.2 34.8

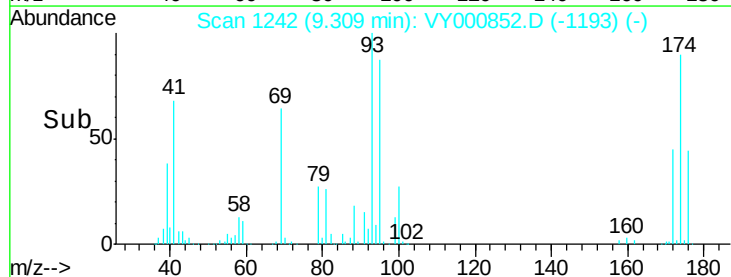
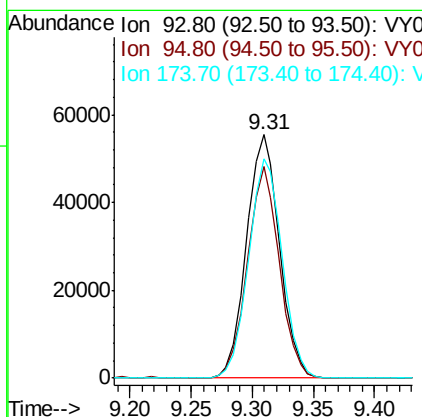
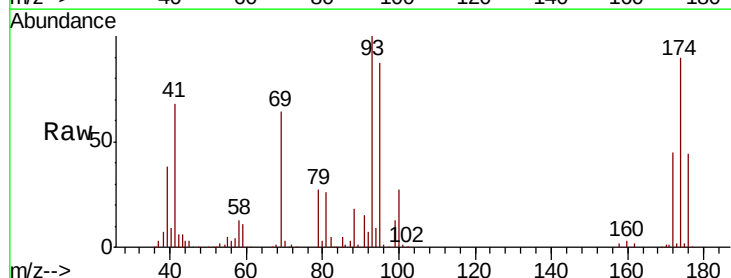
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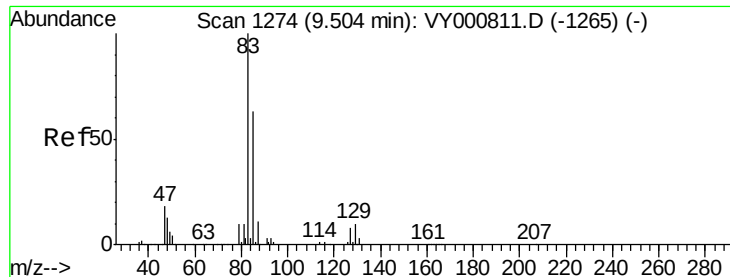
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#46
 Dibromomethane
 Concen: 53.369 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion: 93 Resp: 103926
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.4 99.6
 174 91.9 73.0 109.6





#47

Bromodichloromethane

Concen: 54.682 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

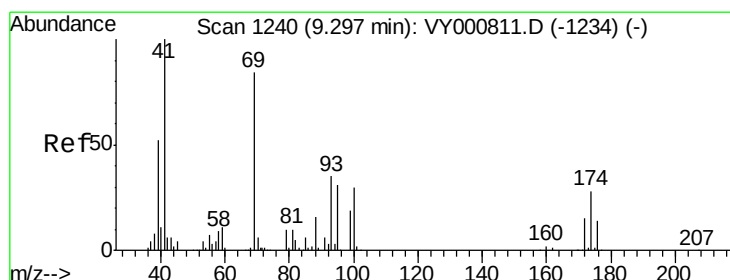
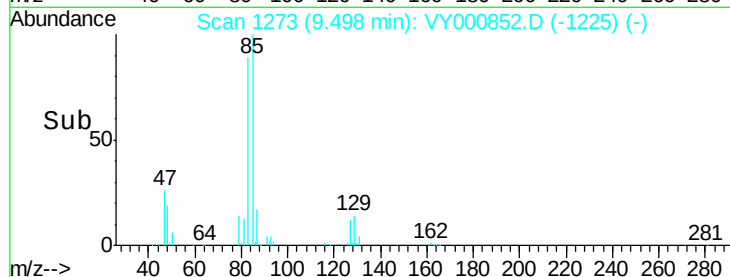
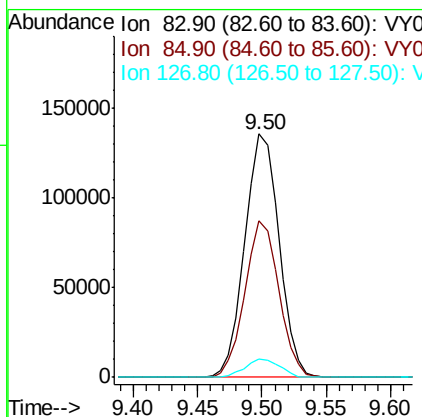
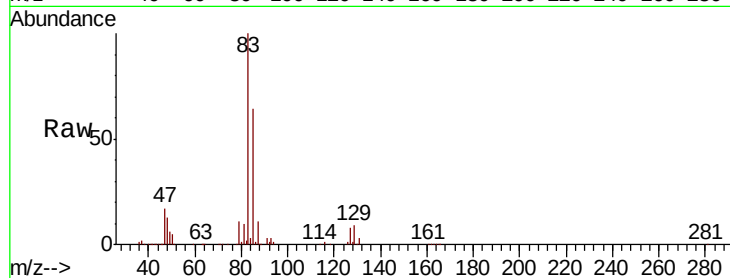
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	250144
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.8	76.2
127	7.7	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.877 ug/l

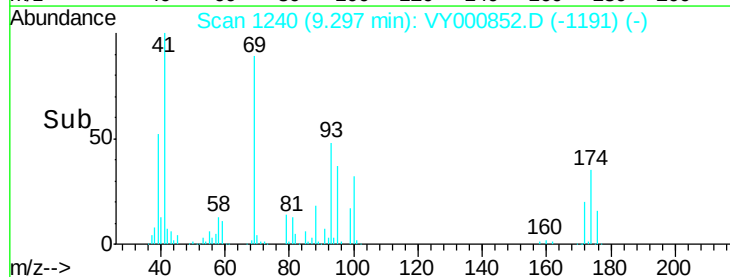
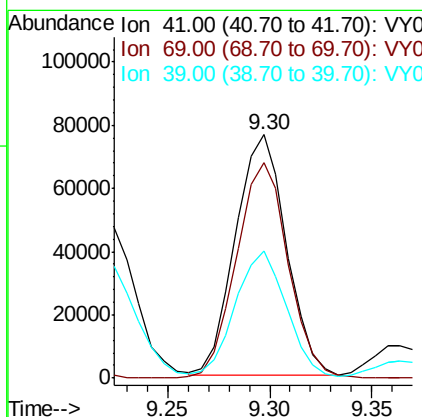
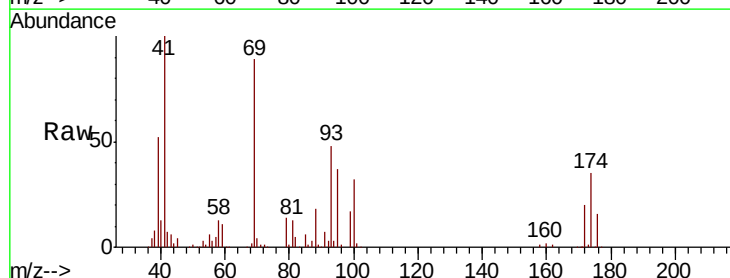
RT: 9.30 min Scan# 1240

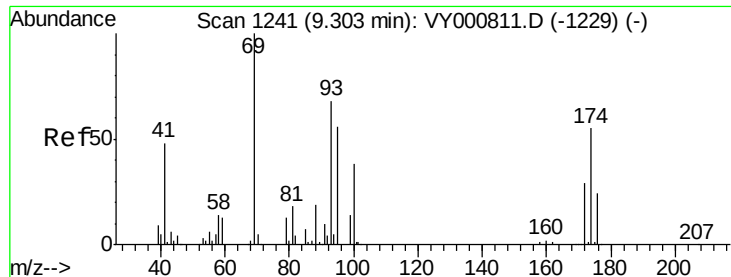
Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion:	41	Resp:	131318
Ion Ratio	Lower	Upper	
41	100		
69	91.6	70.4	105.6
39	53.8	40.9	61.3





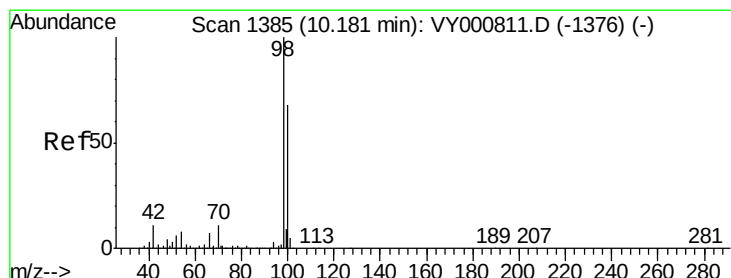
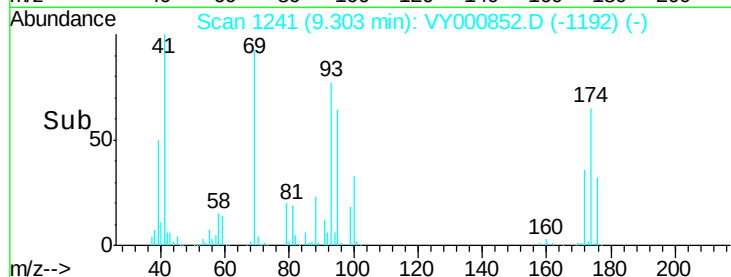
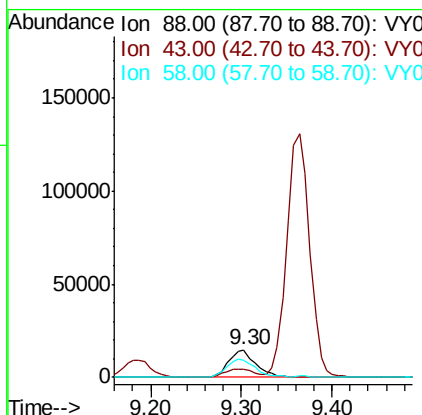
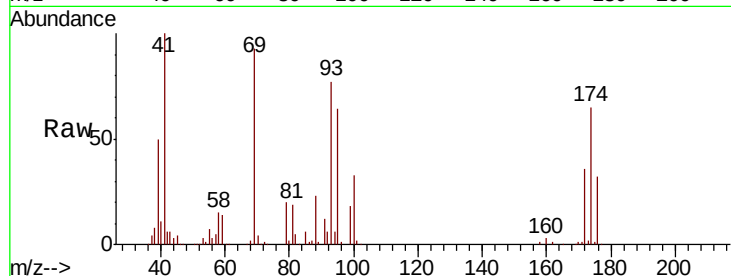
#49
1,4-Dioxane
Concen: 1125.004 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	21.1	31.7#
58	70.9	50.7	76.1

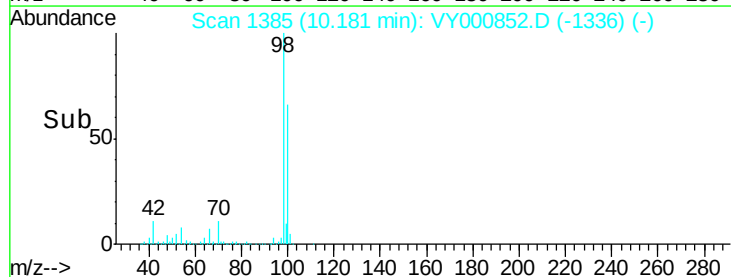
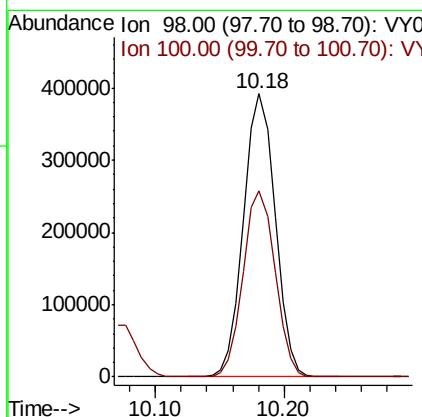
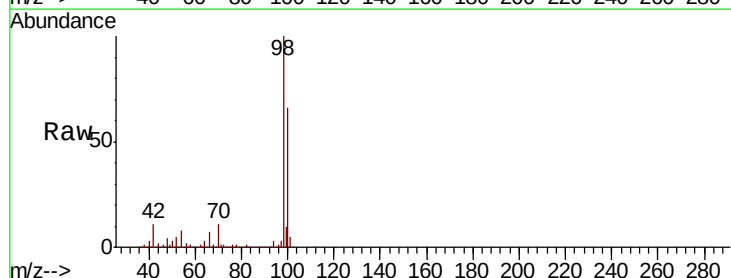
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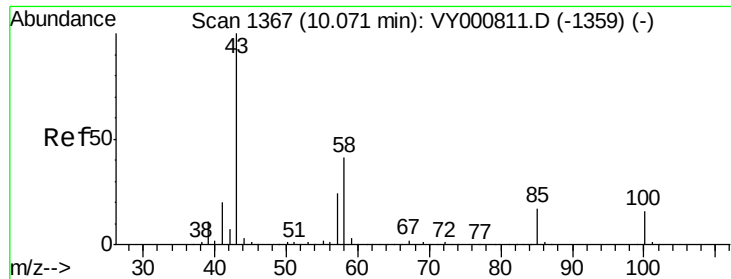
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#50
Toluene-d8
Concen: 55.818 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





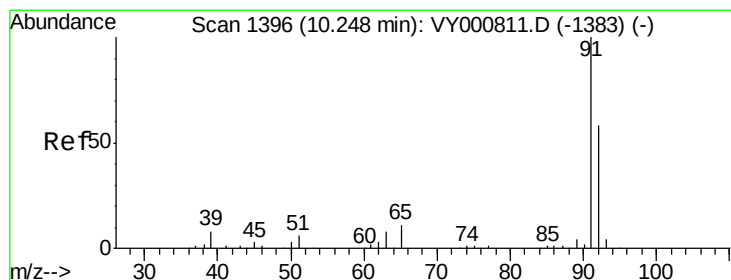
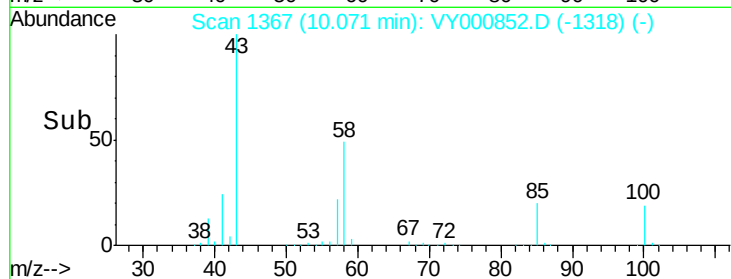
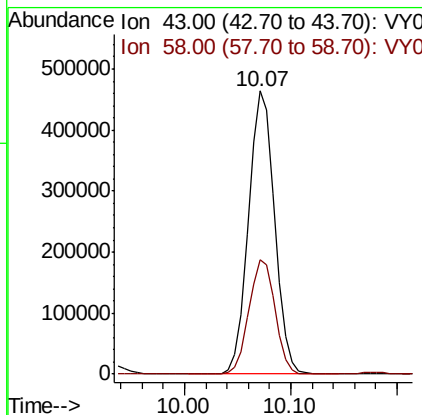
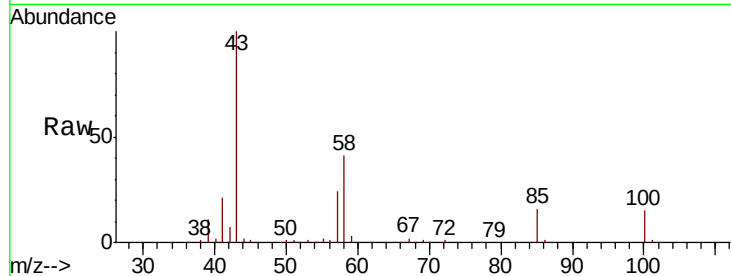
#51
4-Methyl-2-Pentanone
Concen: 278.911 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.6	33.1	49.7

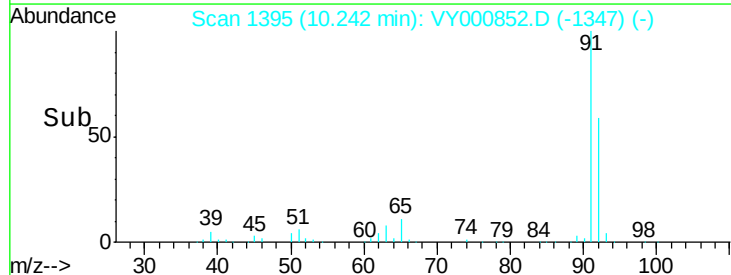
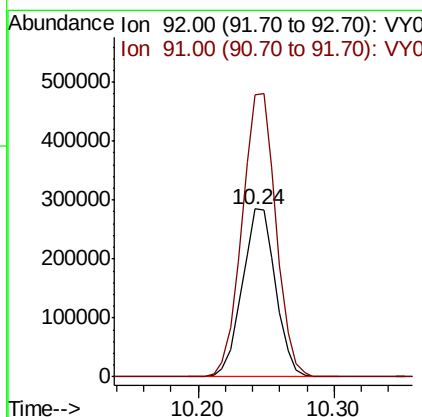
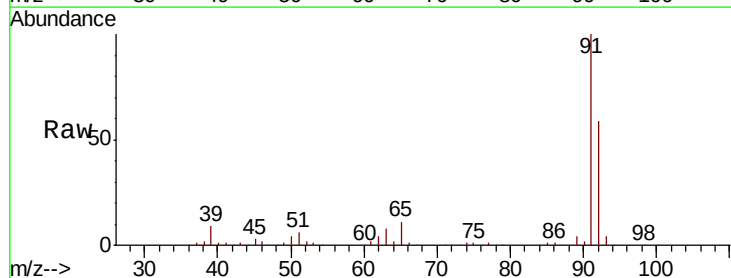
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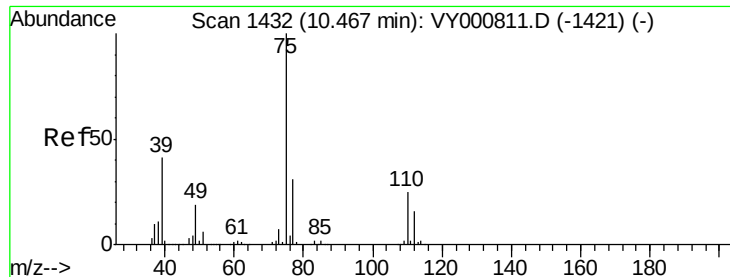
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#52
Toluene
Concen: 53.196 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	136.6	204.8





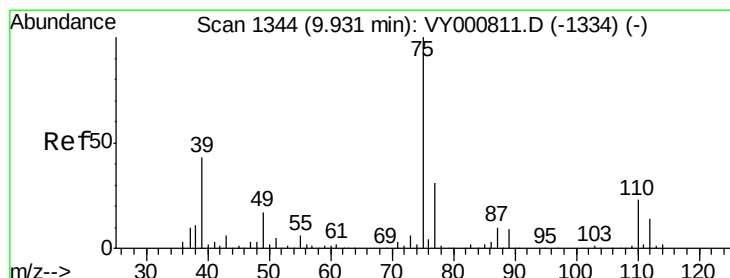
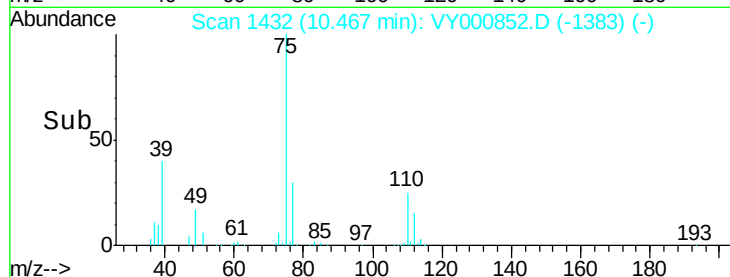
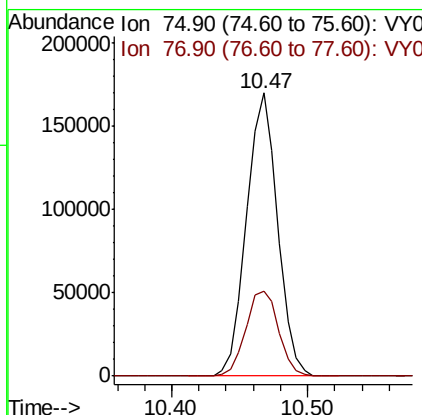
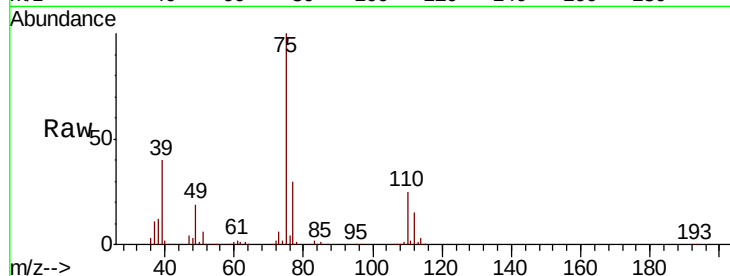
#53
 t-1,3-Dichloropropene
 Concen: 55.529 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.1	37.7

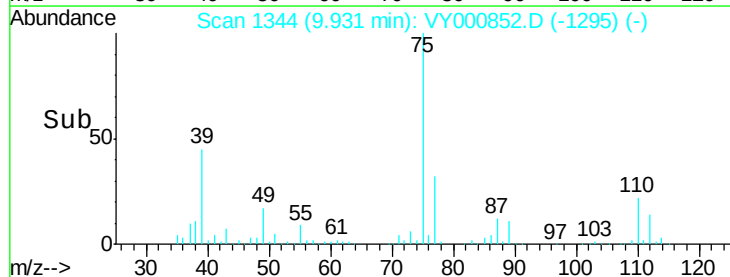
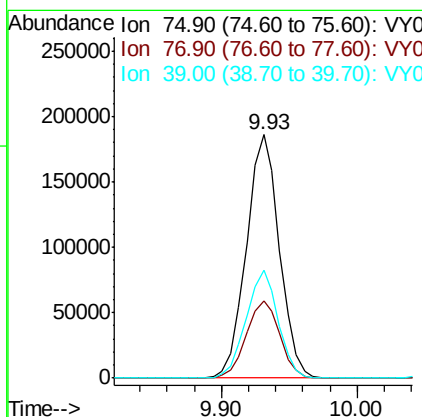
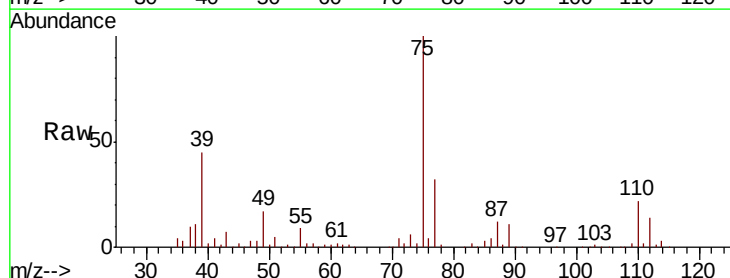
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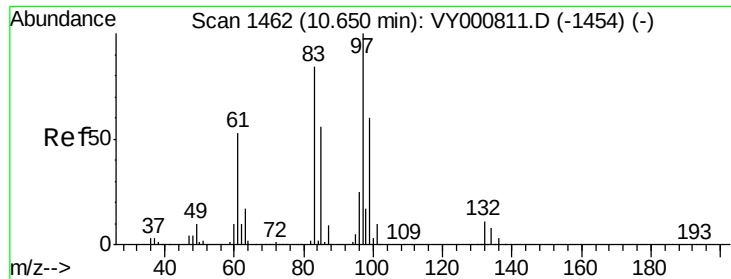
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#54
 cis-1,3-Dichloropropene
 Concen: 54.207 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.7	37.1
39	44.5	34.5	51.7





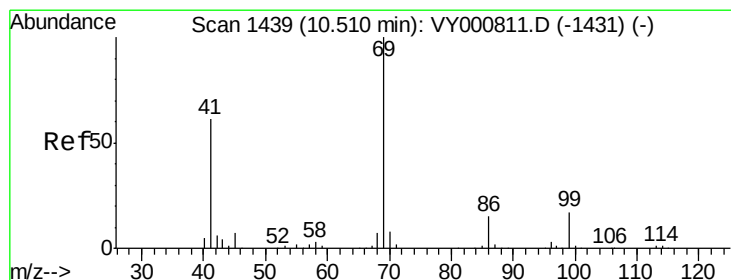
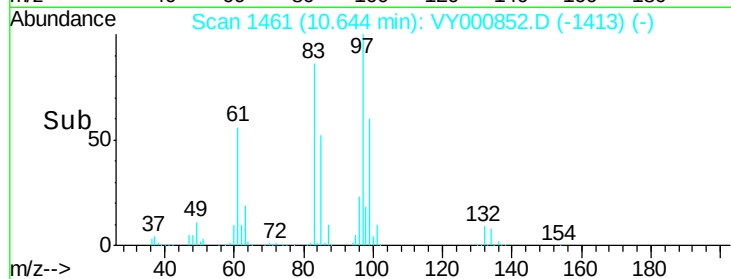
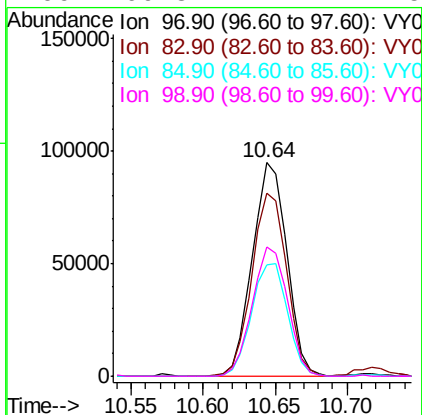
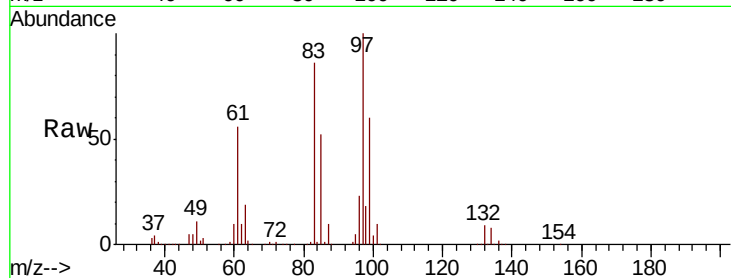
#55
 1,1,2-Trichloroethane
 Concen: 54.657 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	157249
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.5	101.3
85	51.9	44.5	66.7
99	60.3	47.7	71.5

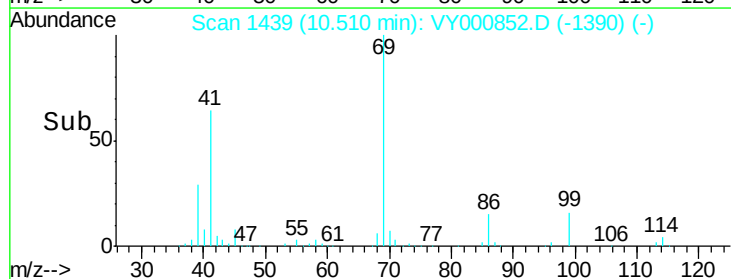
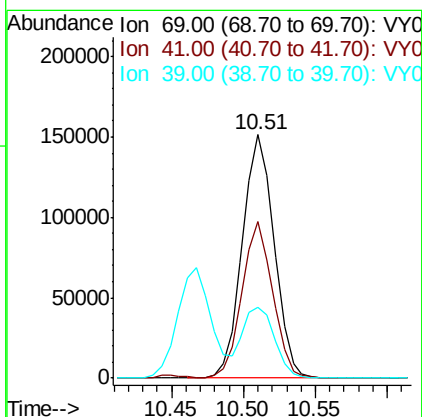
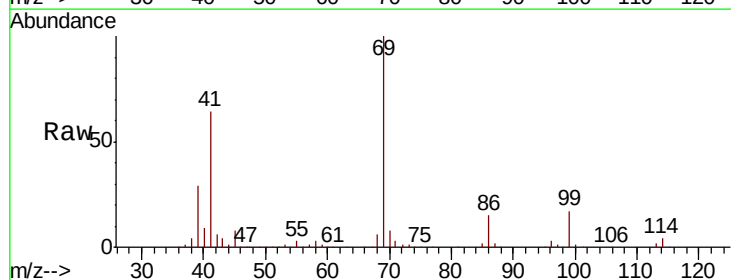
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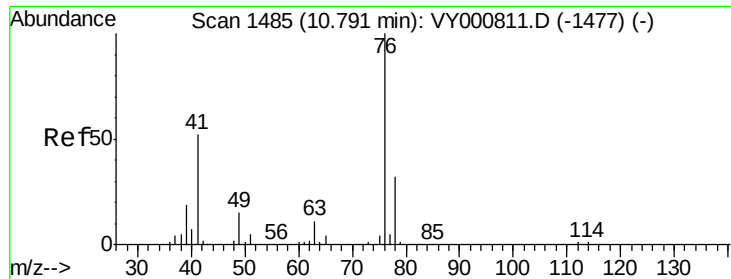
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#56
 Ethyl methacrylate
 Concen: 56.292 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion:	69	Resp:	231679
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.0	73.6
39	29.0	23.1	34.7





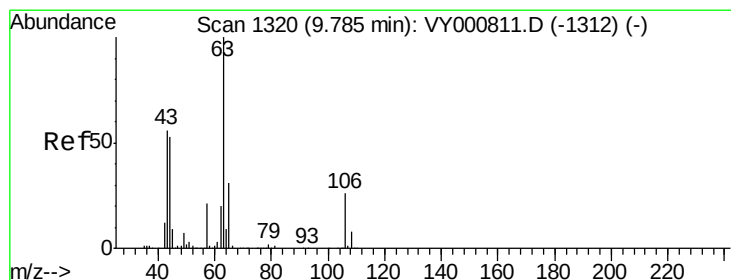
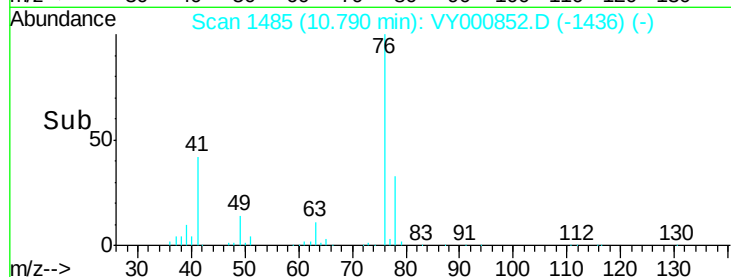
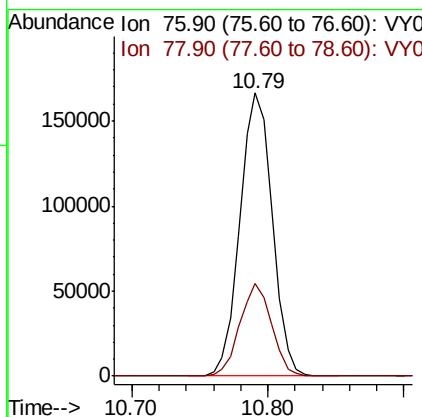
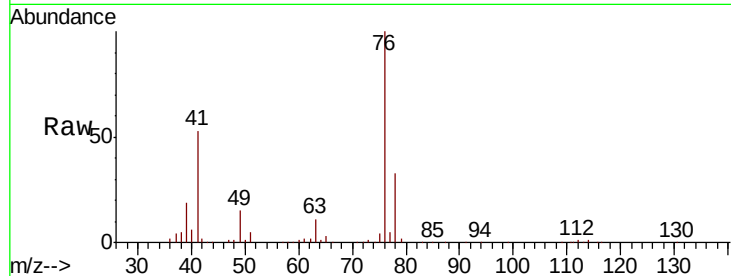
#57
 1,3-Dichloropropane
 Concen: 55.103 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.4	39.6

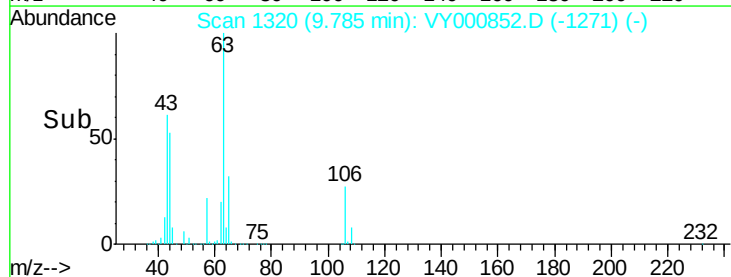
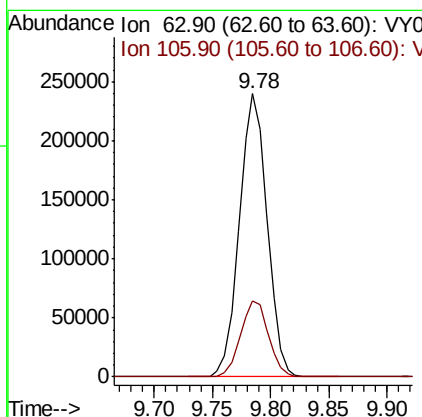
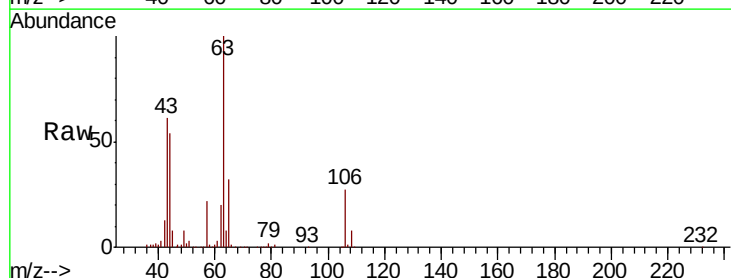
Manual Integrations
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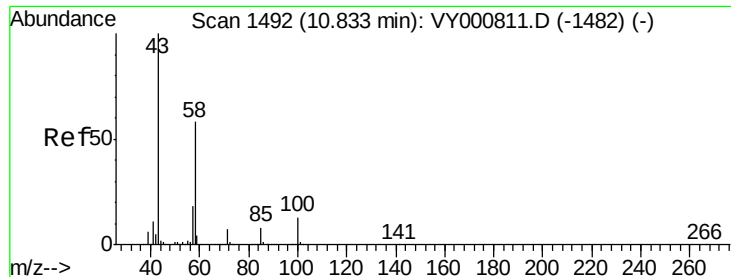
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.144 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.5	32.3





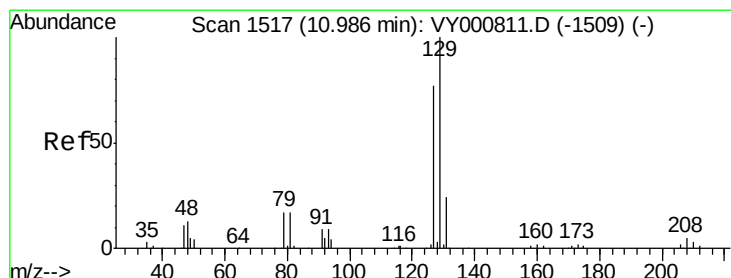
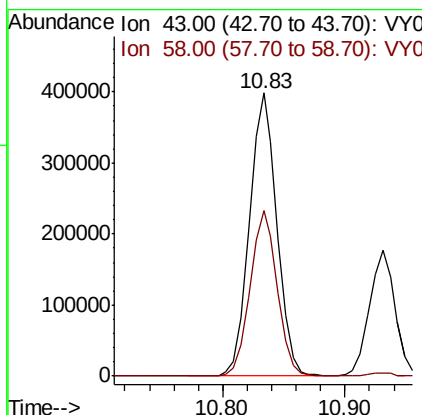
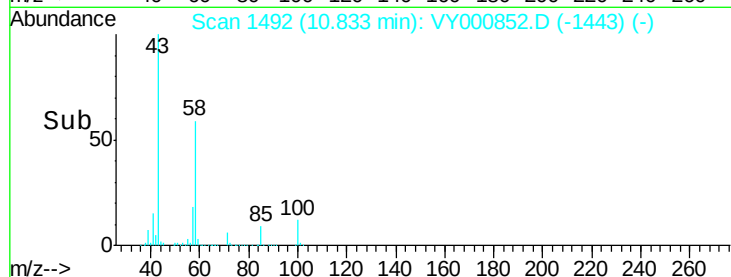
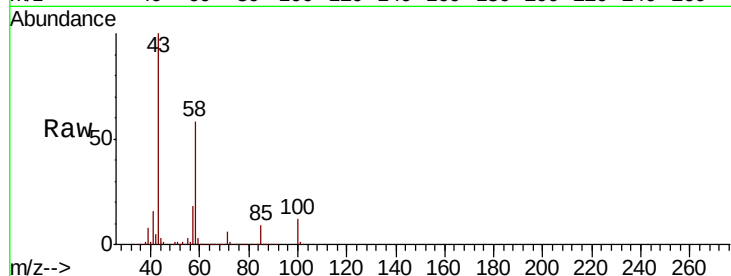
#59
2-Hexanone
Concen: 297.509 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 620846
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1

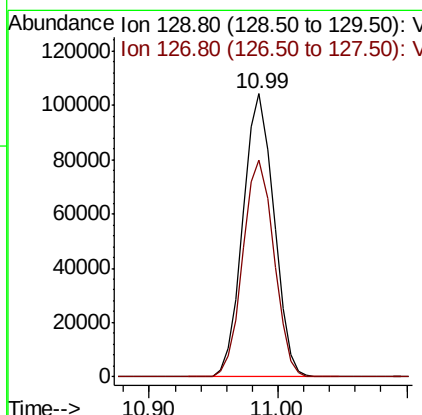
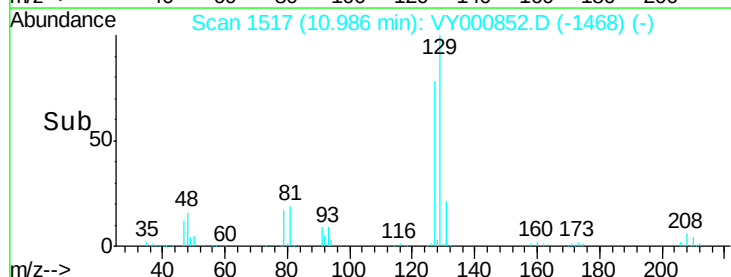
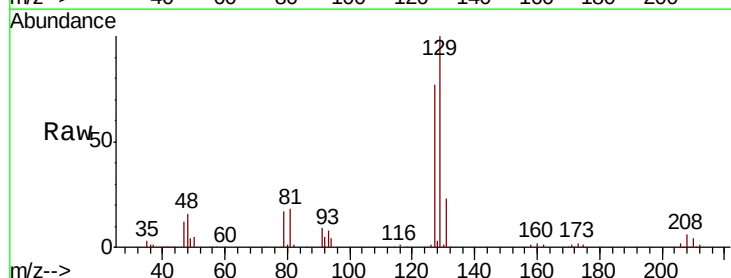
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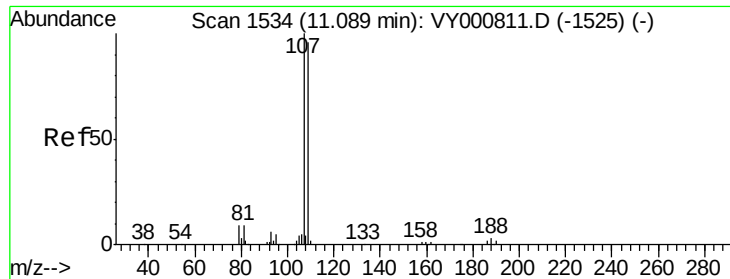
apatel
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#60
Dibromochloromethane
Concen: 55.967 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion: 129 Resp: 173337
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





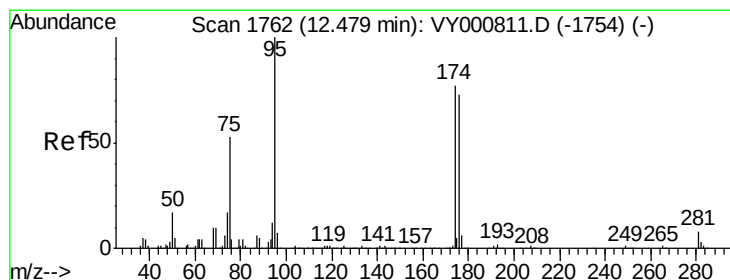
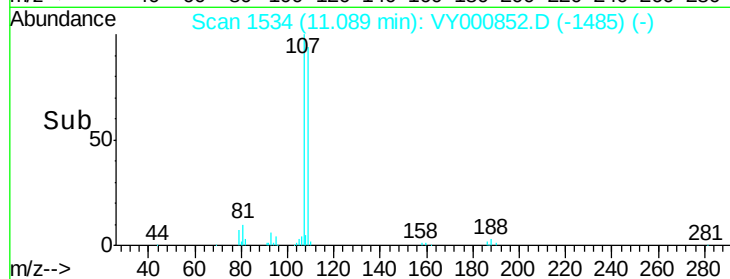
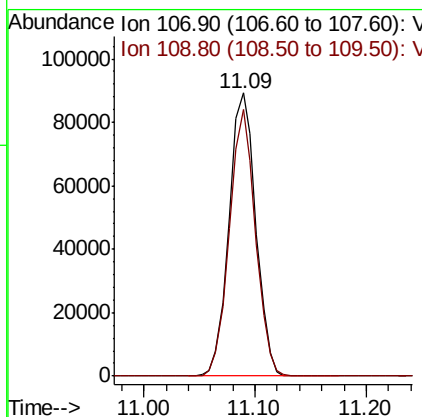
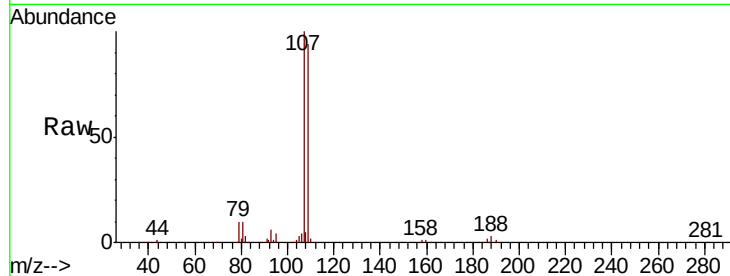
#61
 1,2-Dibromoethane
 Concen: 54.747 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.7	75.9	113.9

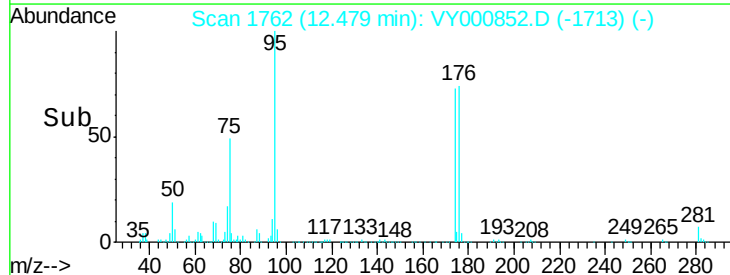
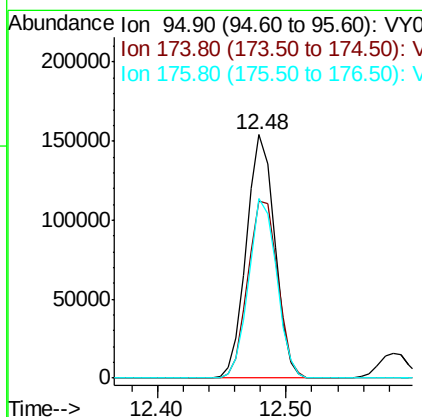
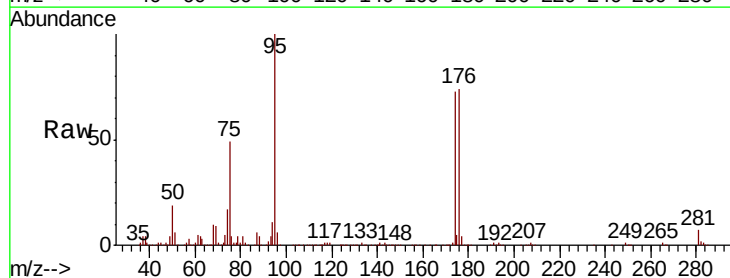
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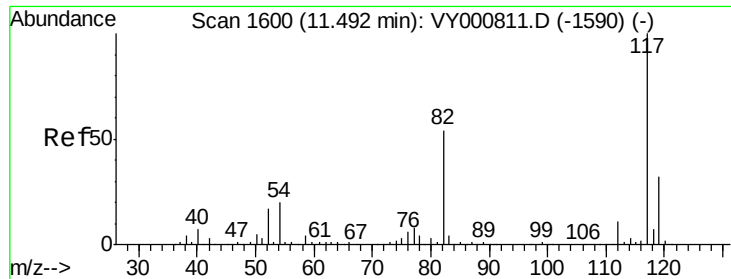
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.117 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	150.6
176	72.6	0.0	145.2





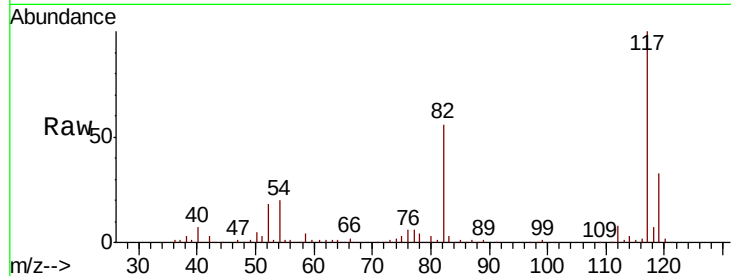
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.1	64.7
119	33.1	25.3	37.9

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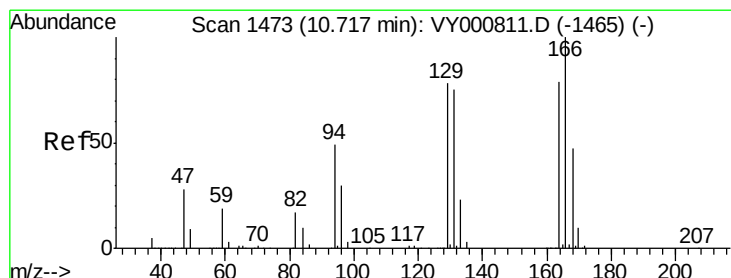
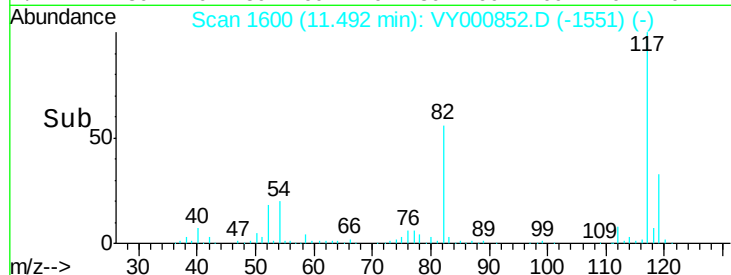
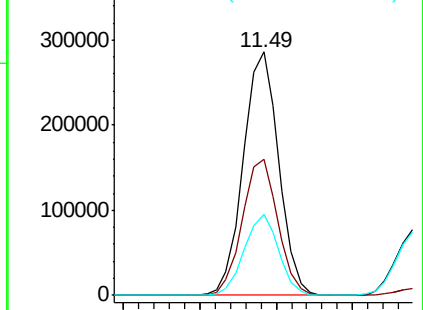


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.636 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	101.8	152.8
129	90.5	79.3	118.9
131	94.1	76.4	114.6

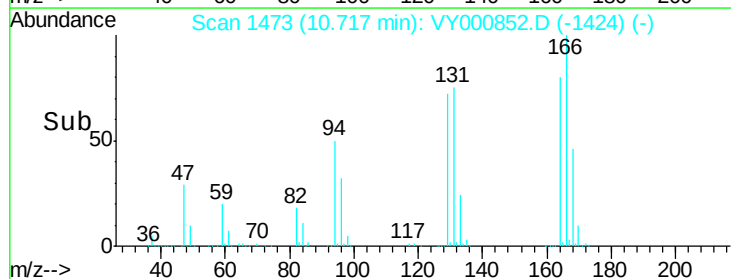
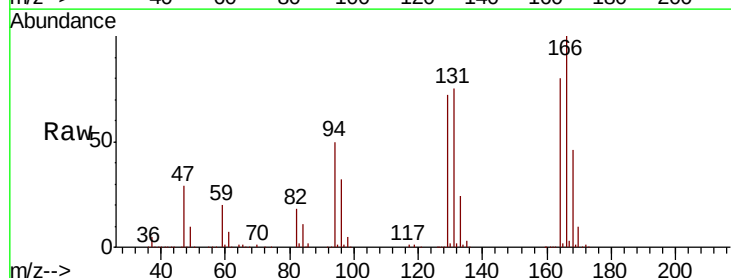
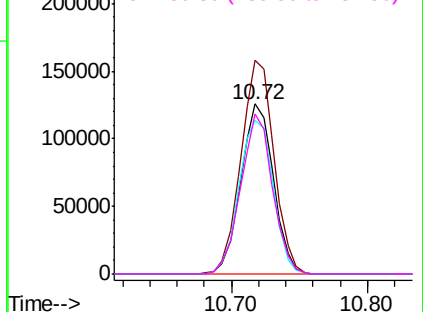
Abundance

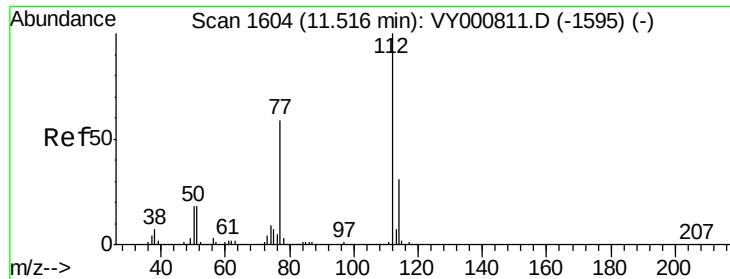
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





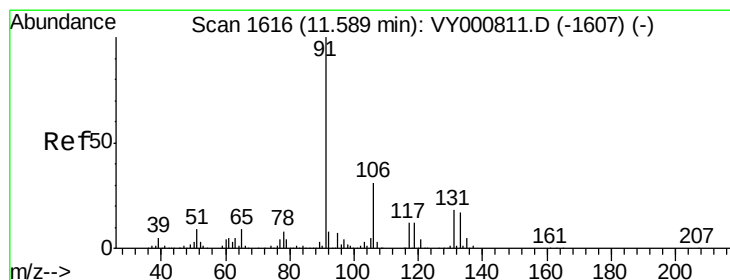
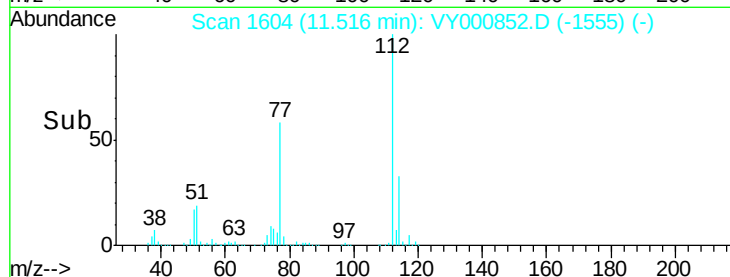
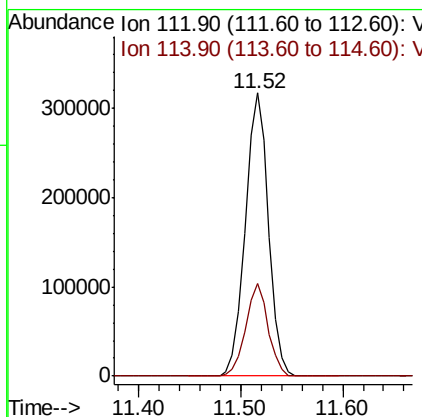
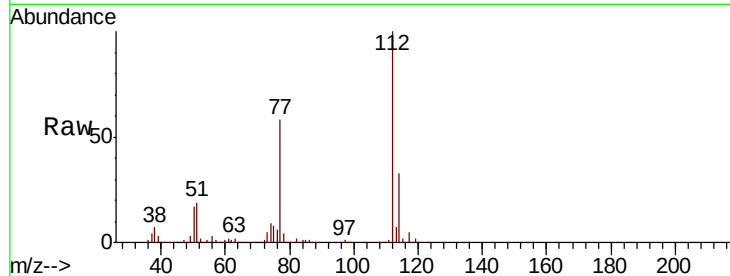
#65
Chlorobenzene
Concen: 51.956 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.1	37.7

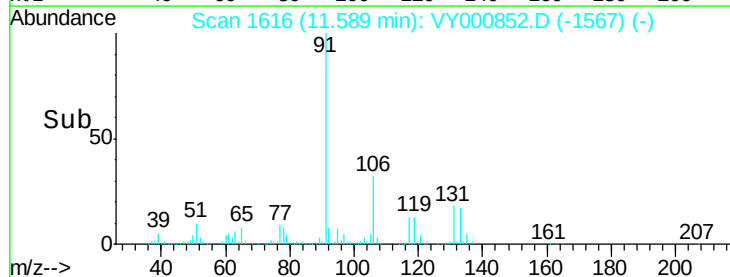
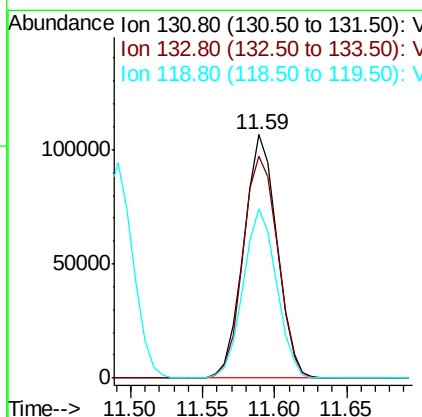
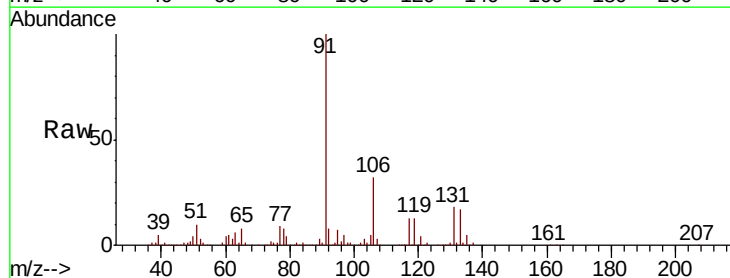
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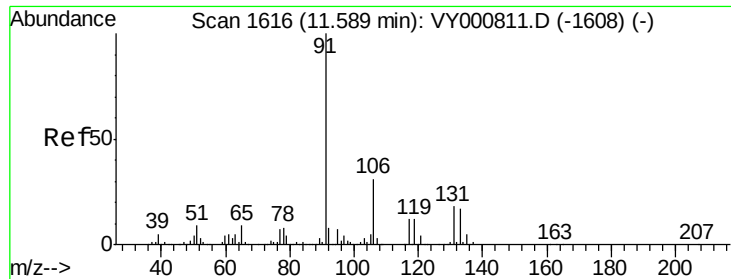
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.858 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.4	142.2
119	69.7	33.8	101.3





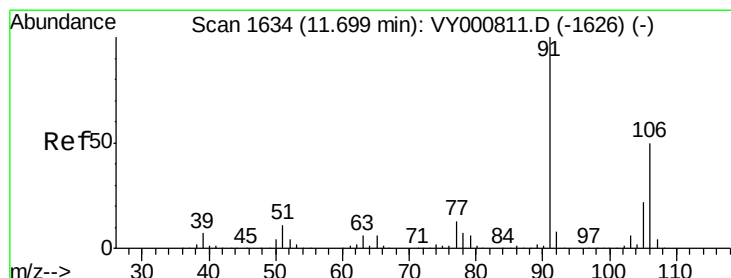
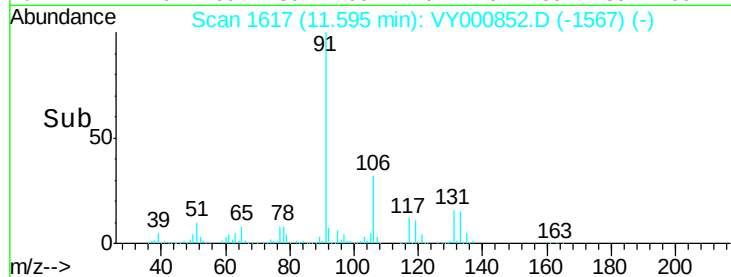
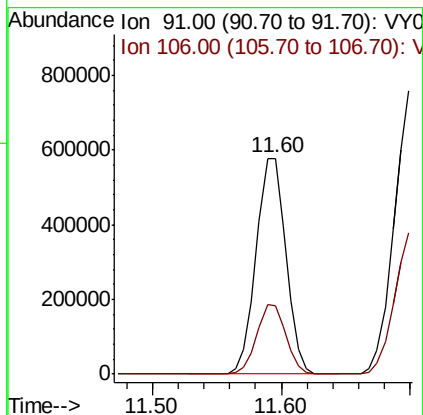
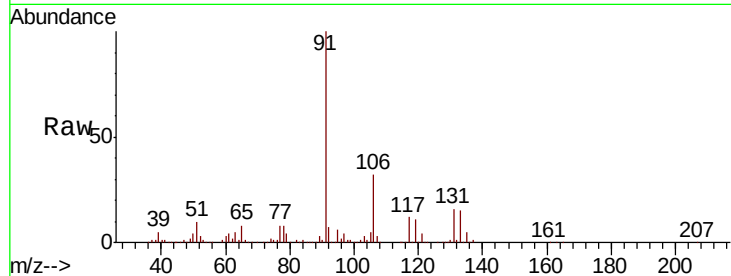
#67
Ethyl Benzene
Concen: 51.928 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 925129
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

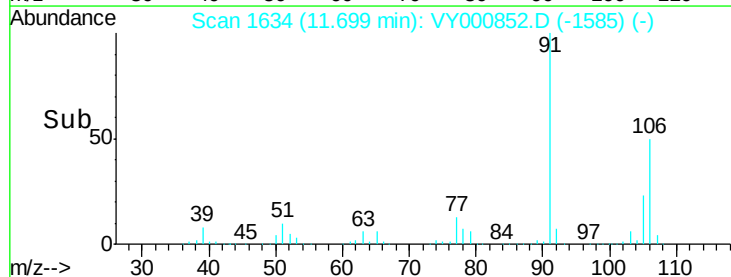
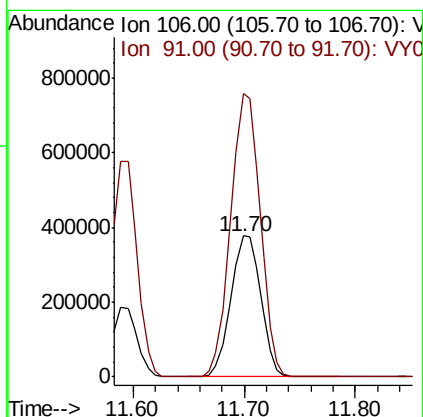
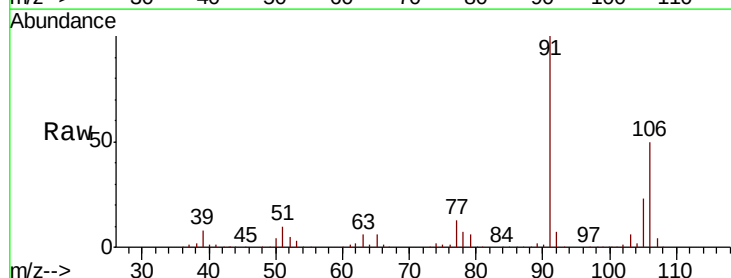
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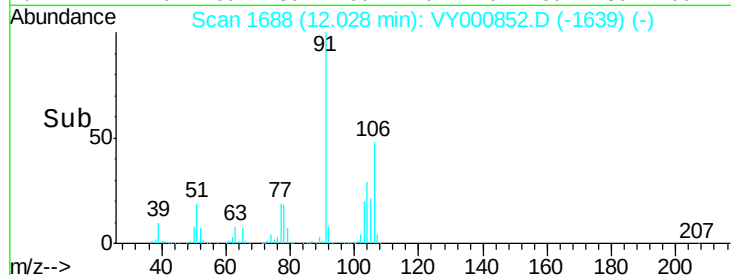
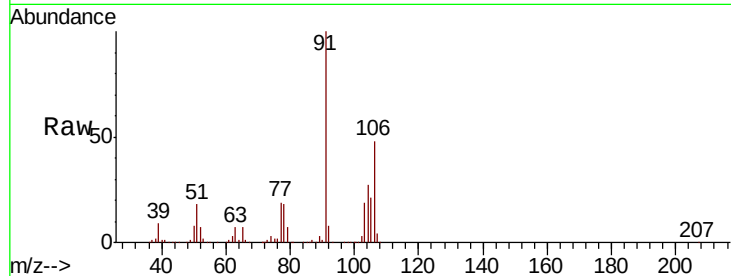
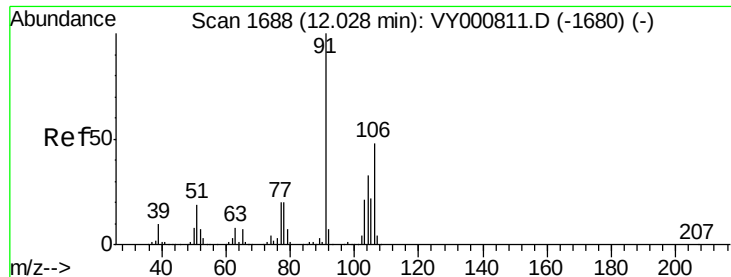
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#68
m/p-Xylenes
Concen: 105.189 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion: 106 Resp: 703396
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4





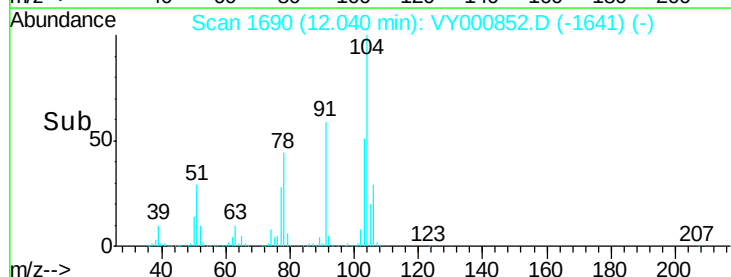
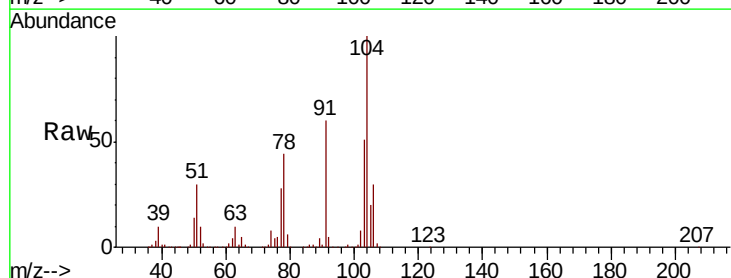
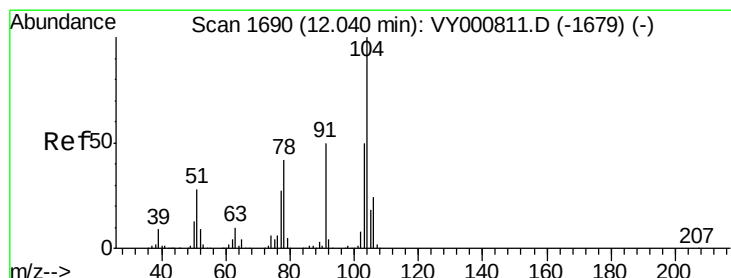
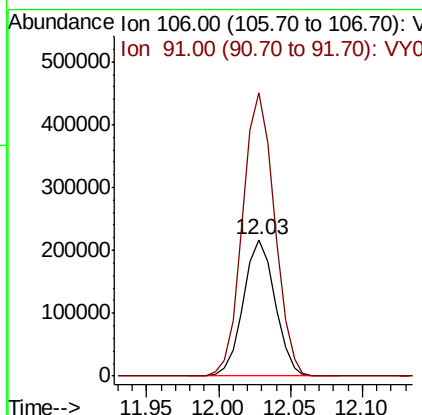
#69
o-Xylene
Concen: 53.051 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	106.1	318.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

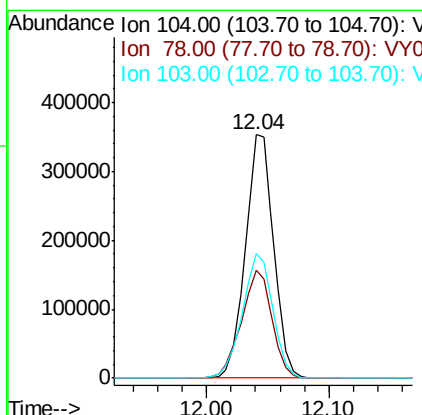
Manual Integrations
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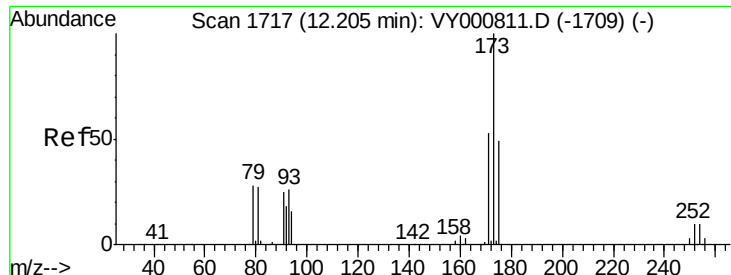
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#70
Styrene
Concen: 53.172 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.2	57.4
103	54.6	43.4	65.0





#71

Bromoform

Concen: 56.037 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

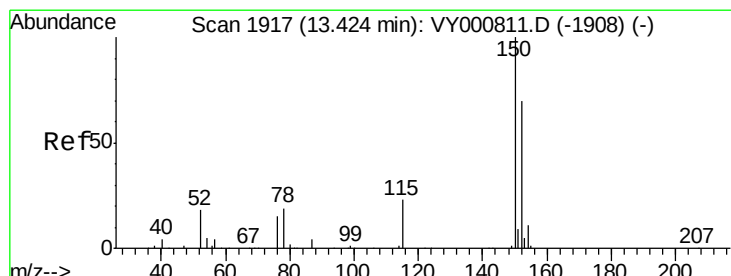
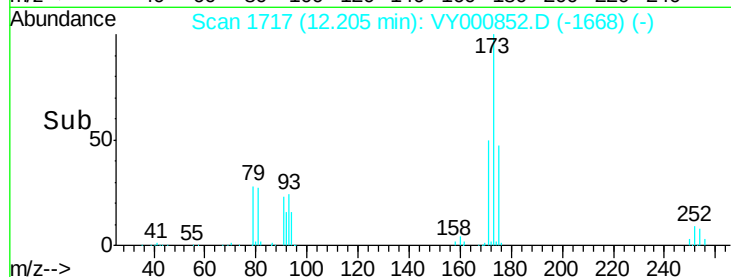
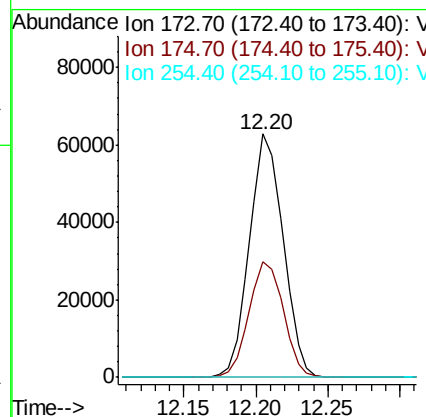
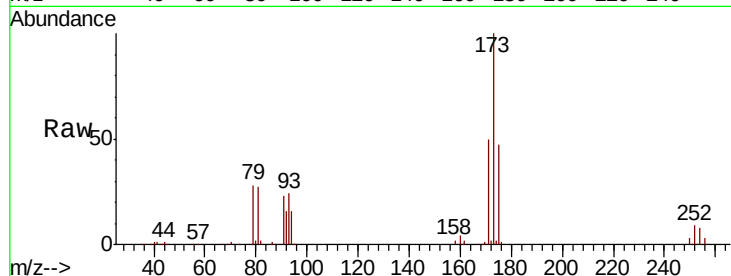
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.5	73.5
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

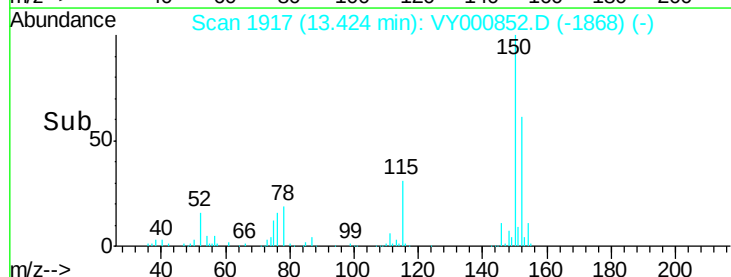
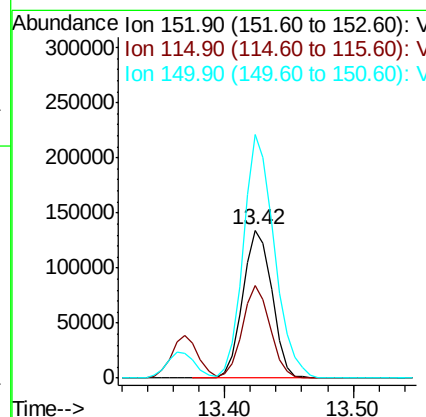
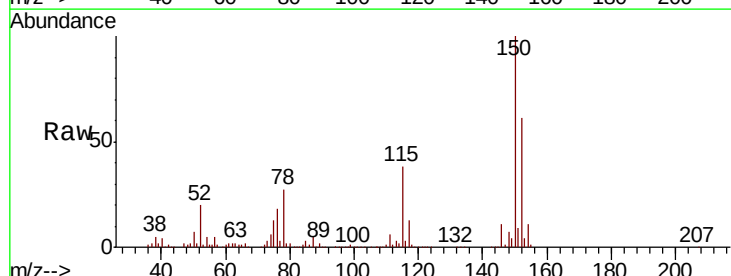
RT: 13.42 min Scan# 1917

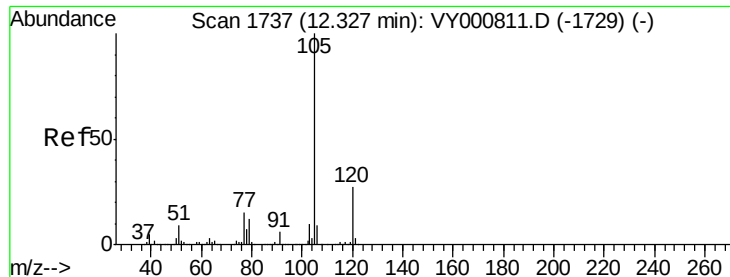
Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.3	87.8
150	175.1	0.0	351.2





#73

Isopropylbenzene

Concen: 53.414 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 888973

Ion Ratio Lower Upper

105 100

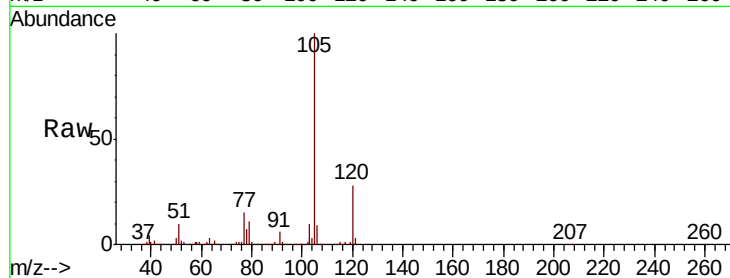
120 27.1 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

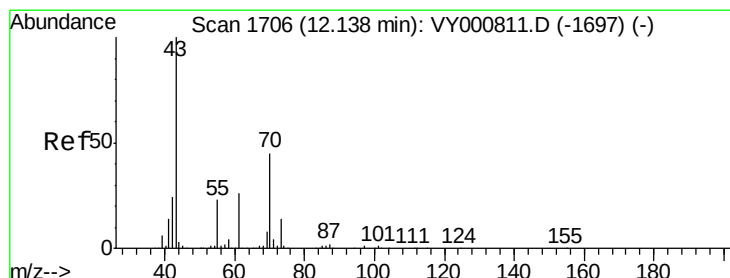
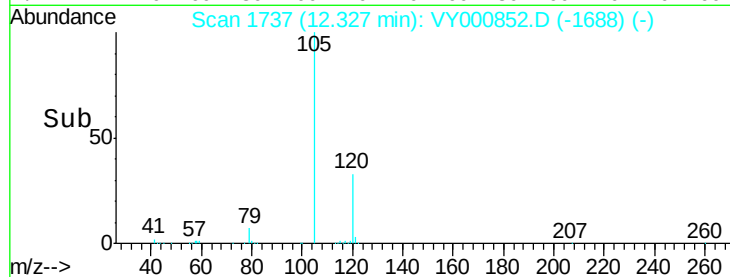
200000

0

12.30

12.40

Time-->



#74

N-ethyl acetate

Concen: 54.951 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion: 43 Resp: 254557

Ion Ratio Lower Upper

43 100

70 46.0 36.6 54.8

55 23.5 18.8 28.2

61 26.2 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

250000

200000

150000

100000

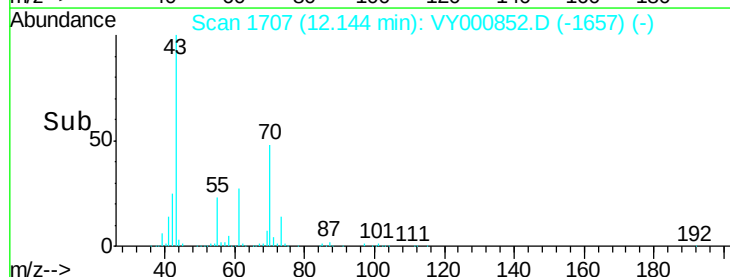
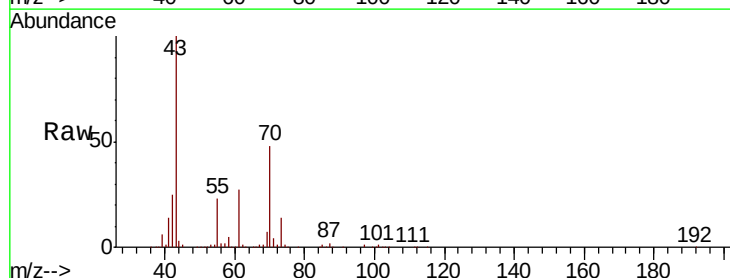
50000

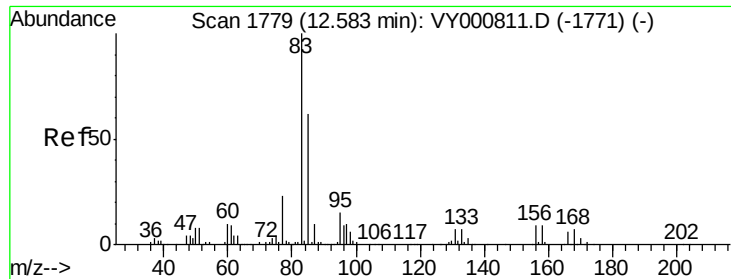
0

12.10

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.715 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

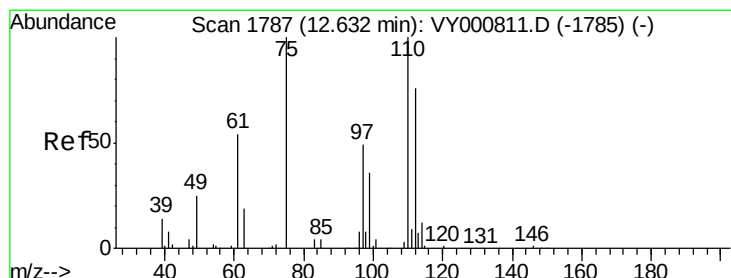
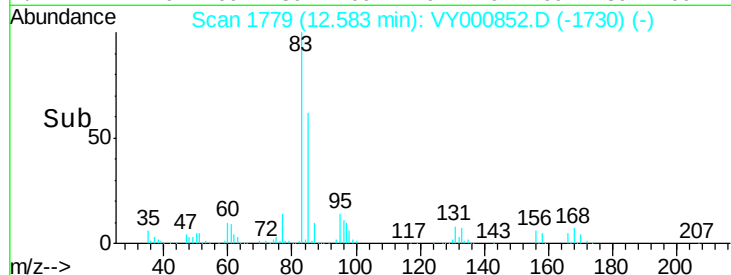
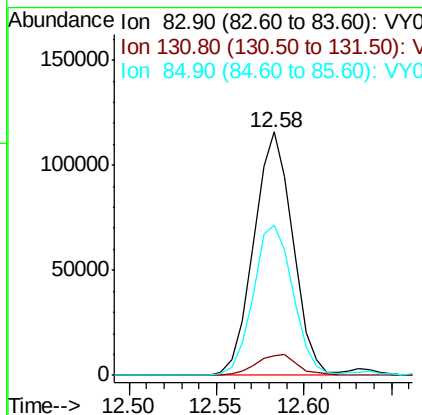
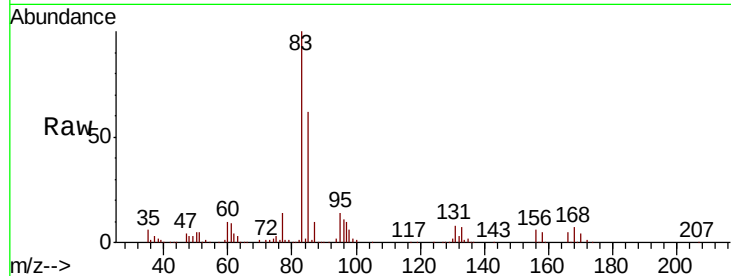
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	179429
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.3	13.1
85	63.0	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.237 ug/l m

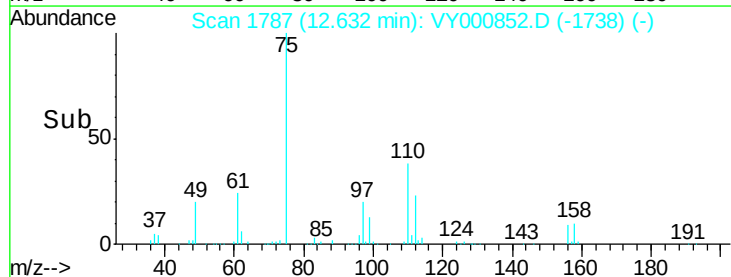
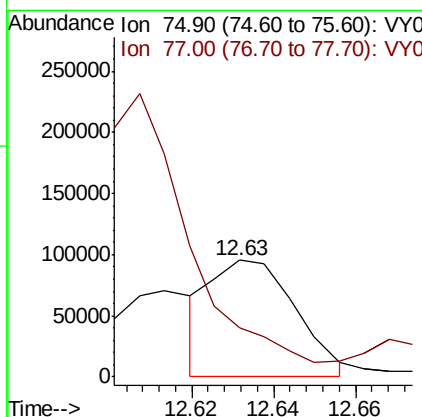
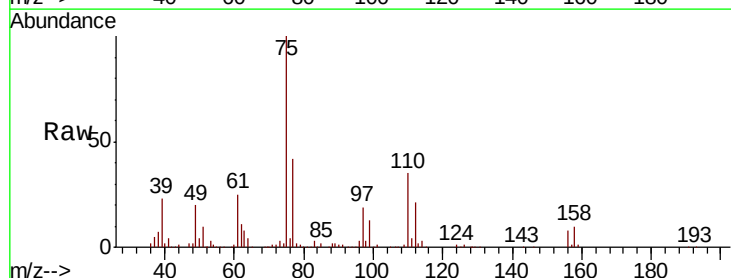
RT: 12.63 min Scan# 1787

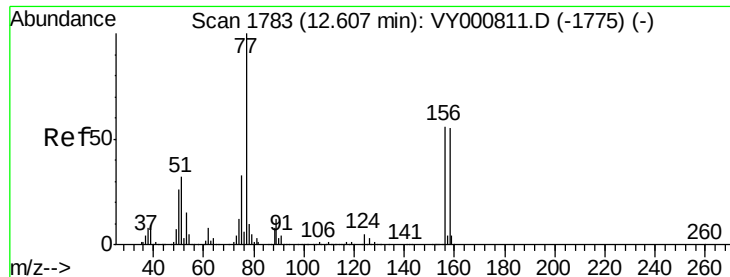
Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion:	75	Resp:	137920
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.446 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

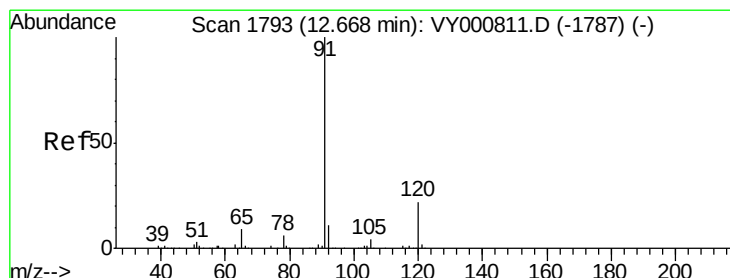
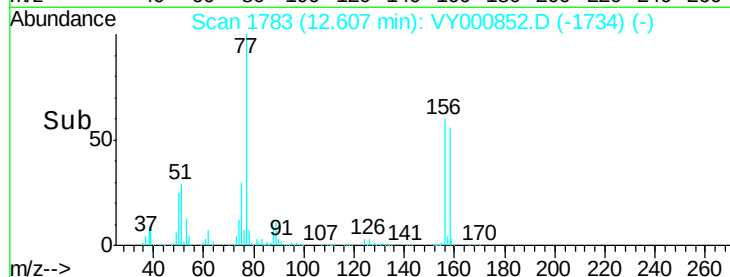
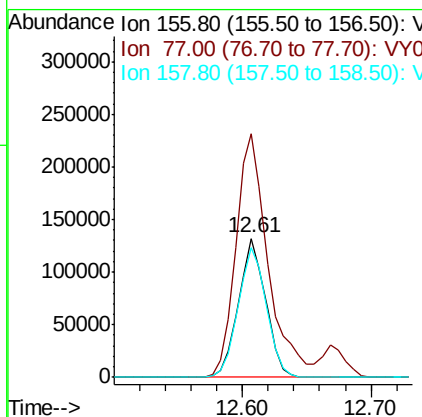
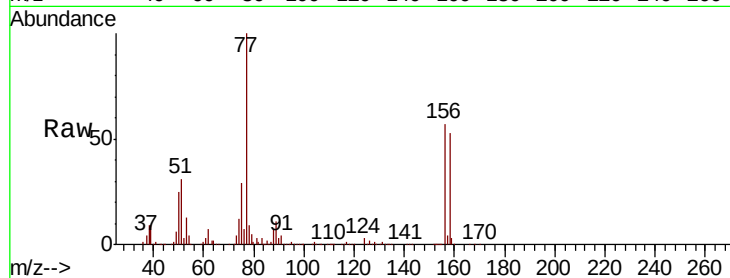
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	206.2		102.6	307.7	
158	96.8		47.6	142.8	

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#78

n-propylbenzene

Concen: 53.602 ug/l

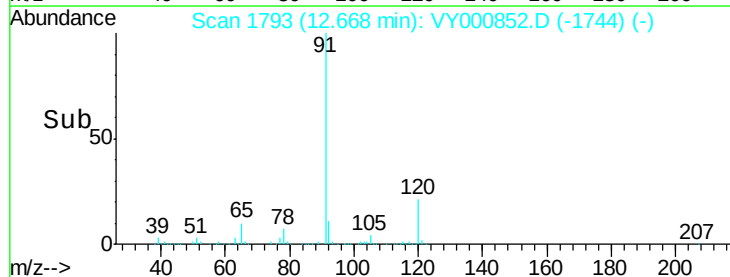
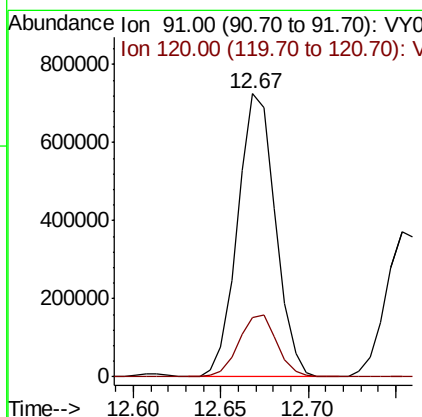
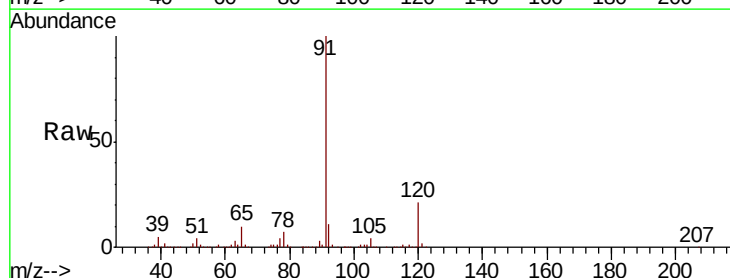
RT: 12.67 min Scan# 1793

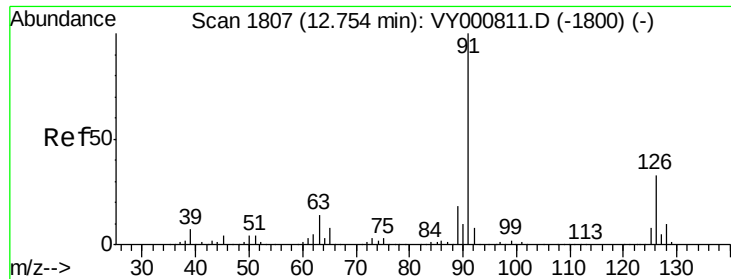
Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.1		11.2	33.5	





#79

2-Chlorotoluene

Concen: 52.834 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 593155

Ion Ratio Lower Upper

91 100

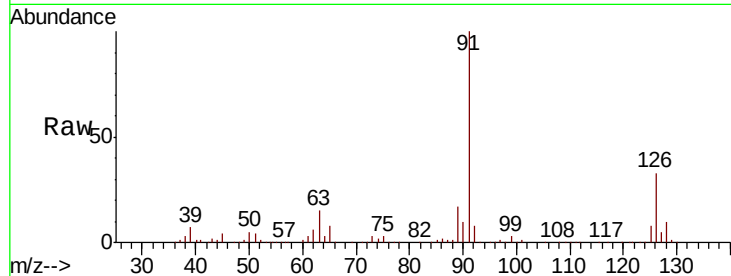
126 34.3 17.0 51.0

Manual Integrations

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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) (-)

500000

400000

300000

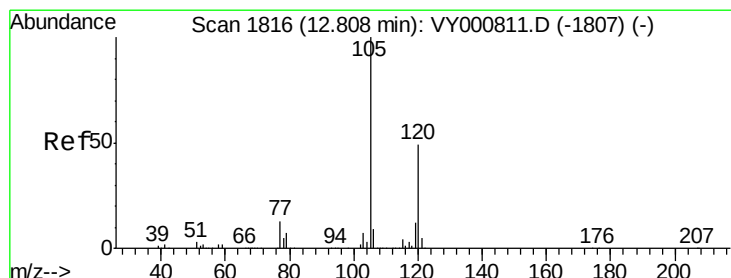
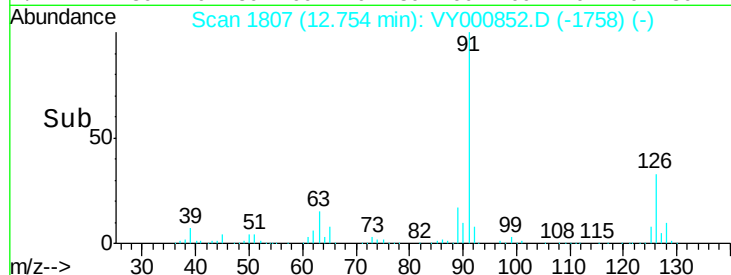
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.360 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000852.D

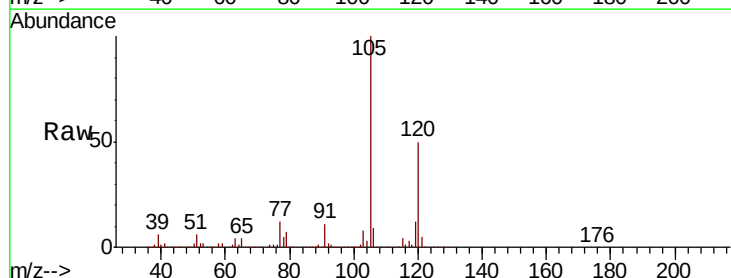
Acq: 04 Dec 2019 10:25

Tgt Ion: 105 Resp: 721530

Ion Ratio Lower Upper

105 100

120 50.2 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) (-)

500000

400000

300000

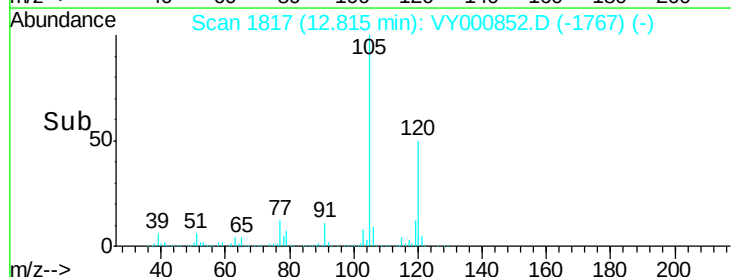
200000

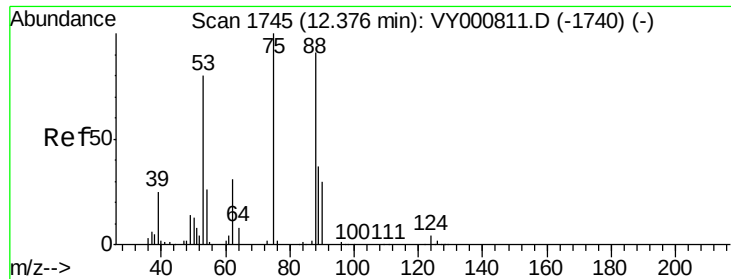
100000

0

12.75 12.80 12.85 12.90

Time-->





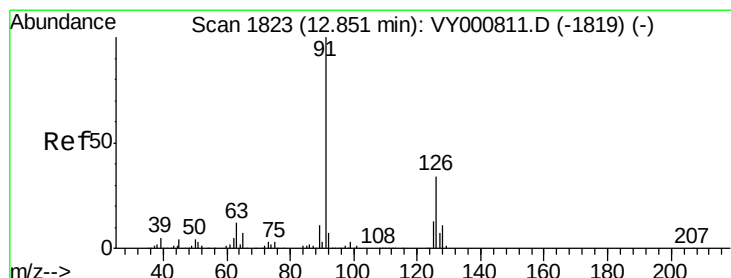
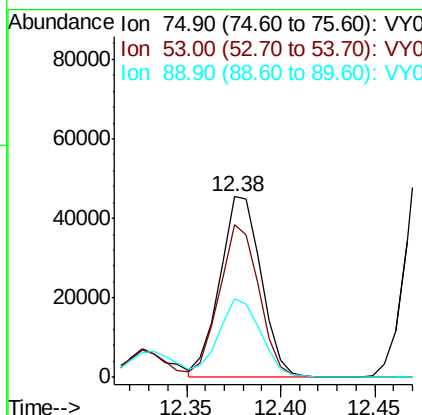
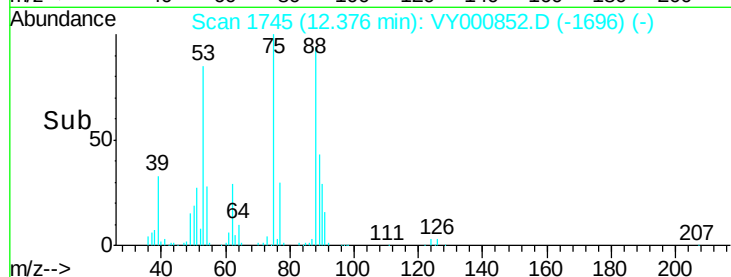
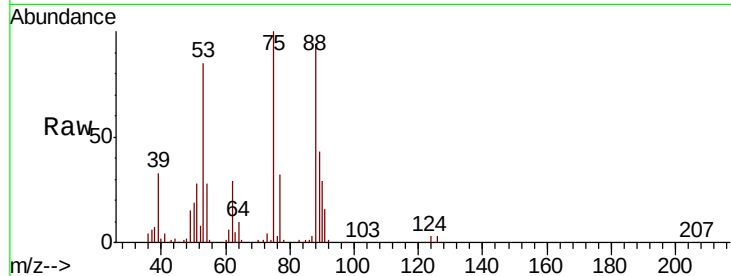
#81
trans-1,4-Dichloro-2-butene
Concen: 56.865 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.1	64.6	96.8
89	44.8	33.6	50.4

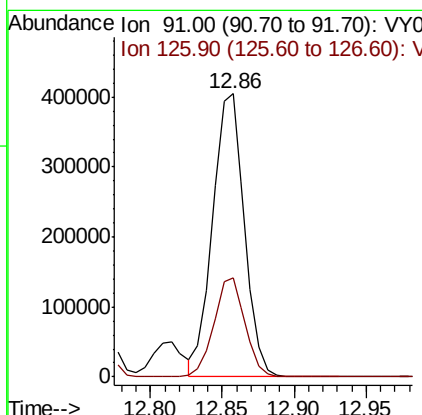
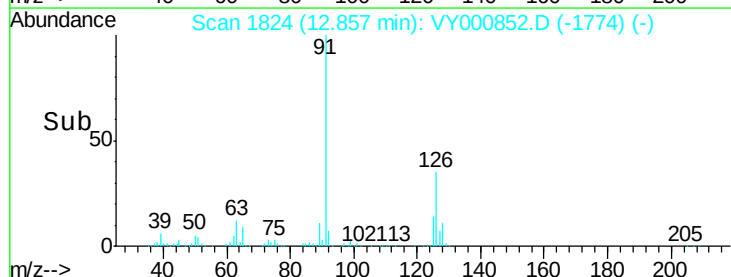
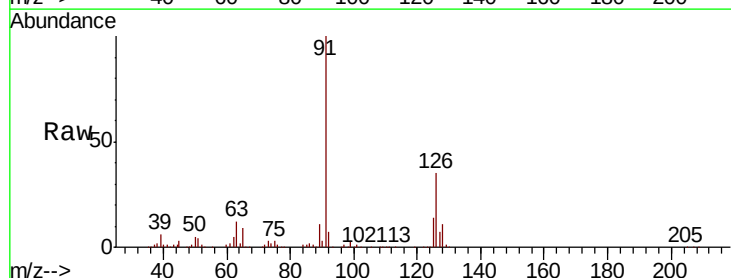
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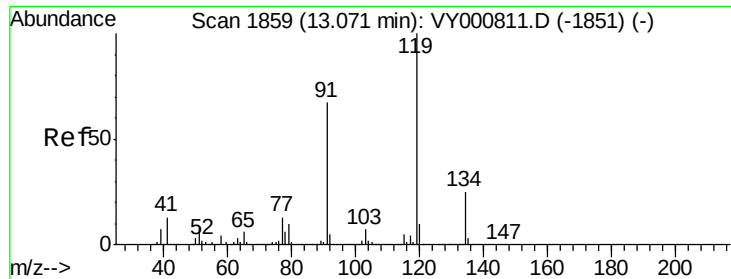
apatel
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#82
4-Chlorotoluene
Concen: 53.676 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.3	51.9





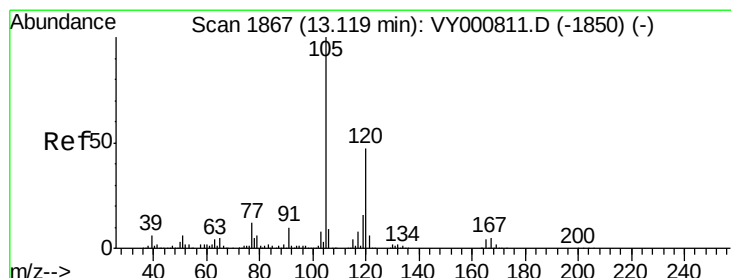
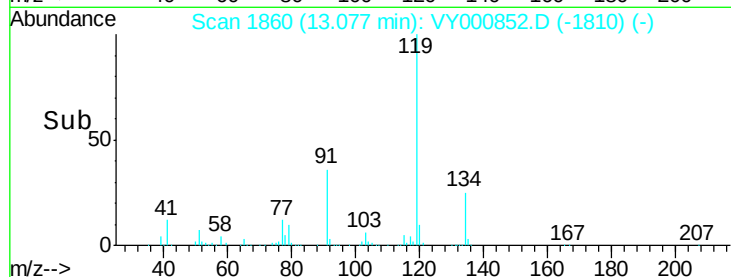
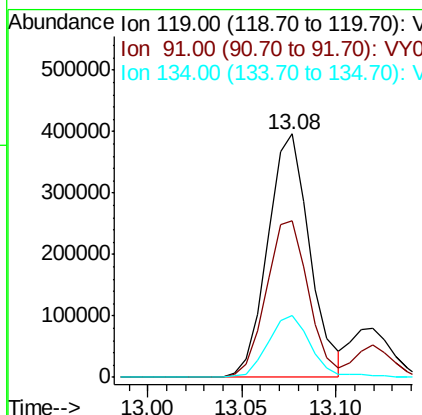
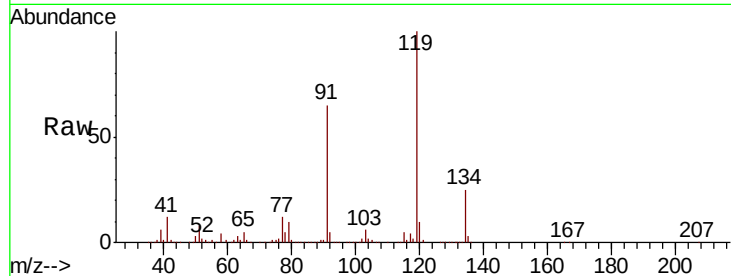
#83
 tert-Butylbenzene
 Concen: 52.915 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	32.3	96.8
134	26.1	12.9	38.7

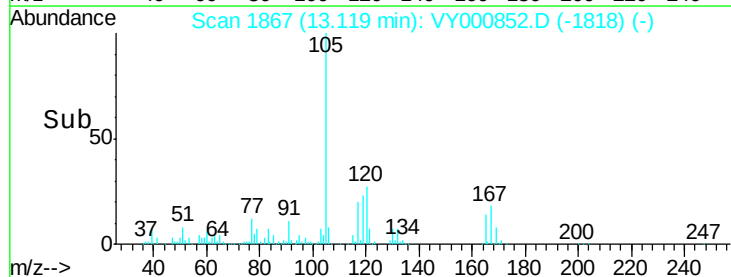
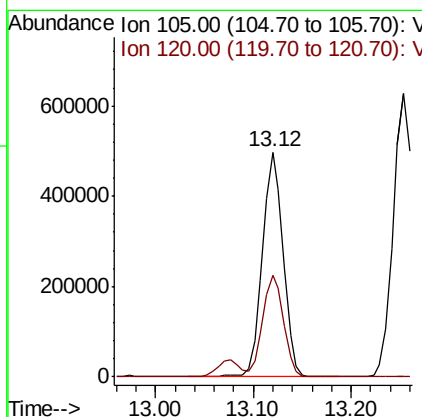
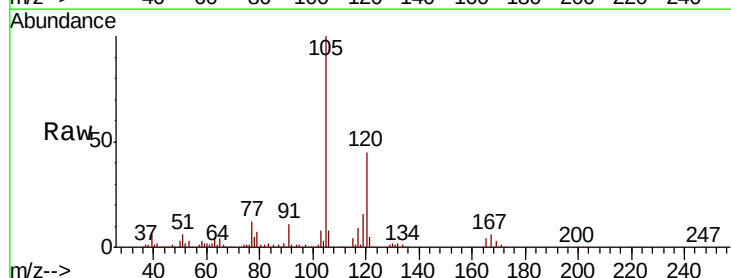
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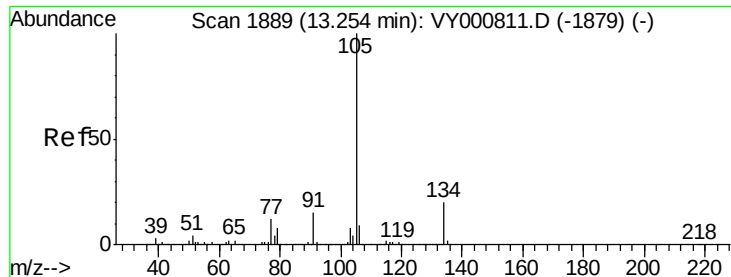
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.991 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 53.463 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 900829

Ion Ratio Lower Upper

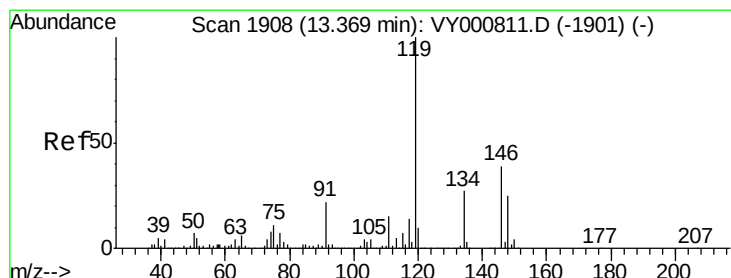
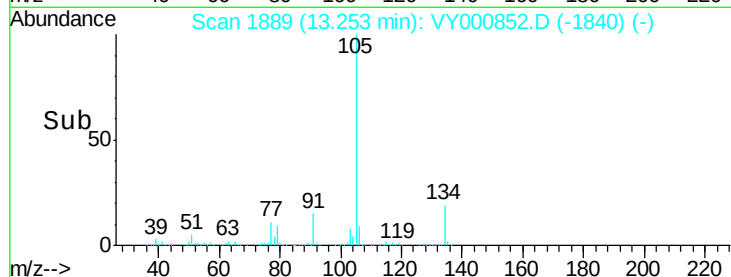
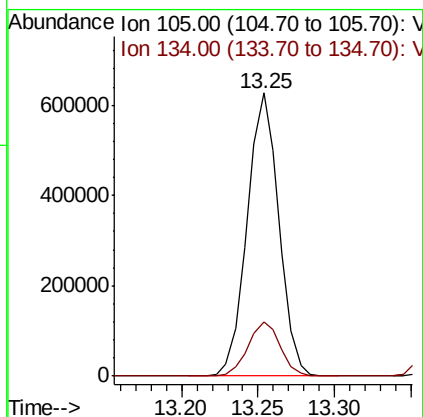
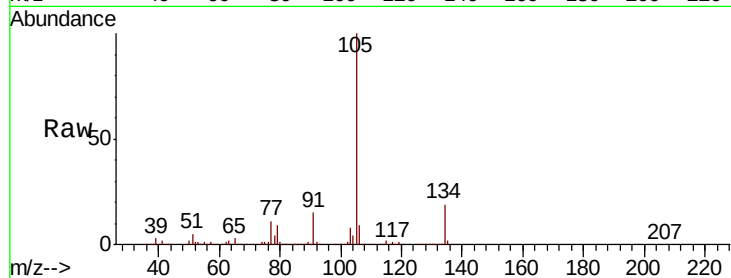
105 100

134 19.6 10.1 30.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.832 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000852.D

Acq: 04 Dec 2019 10:25

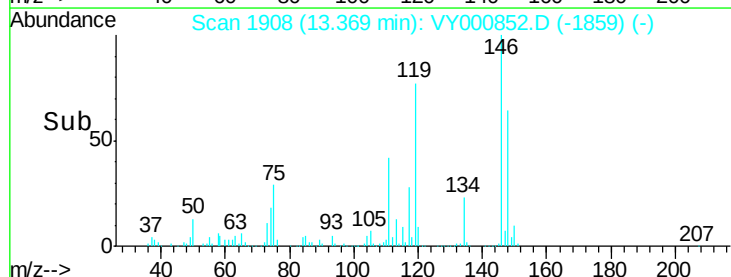
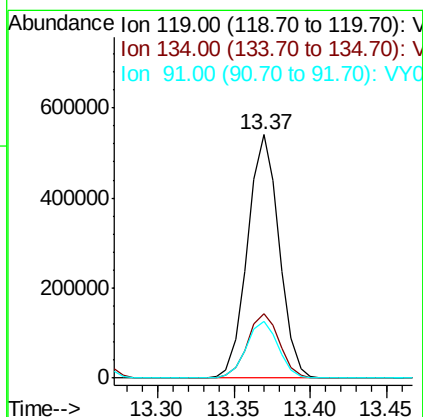
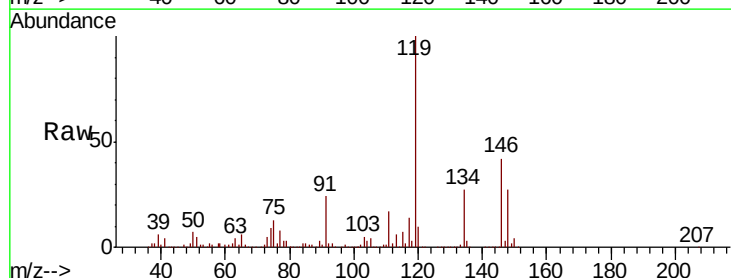
Tgt Ion:119 Resp: 774272

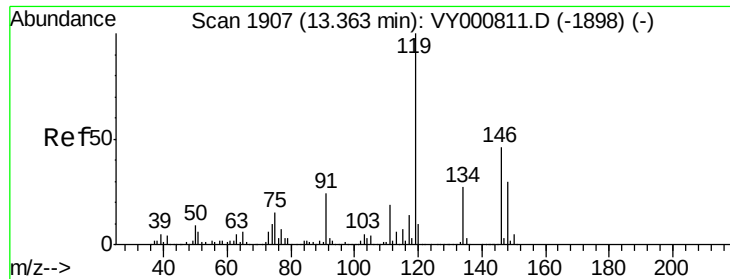
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 23.6 11.5 34.5





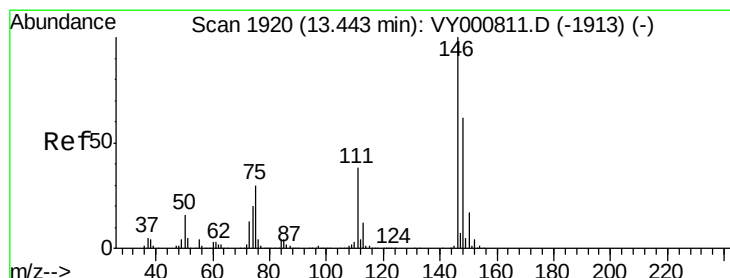
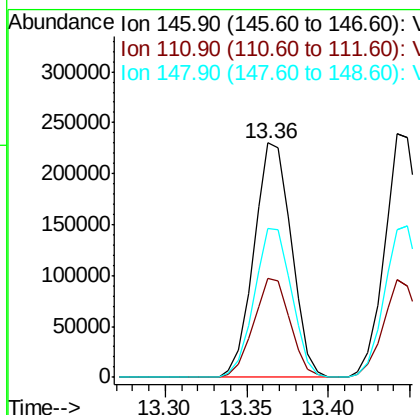
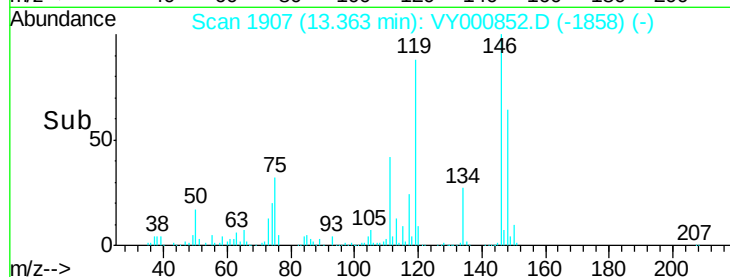
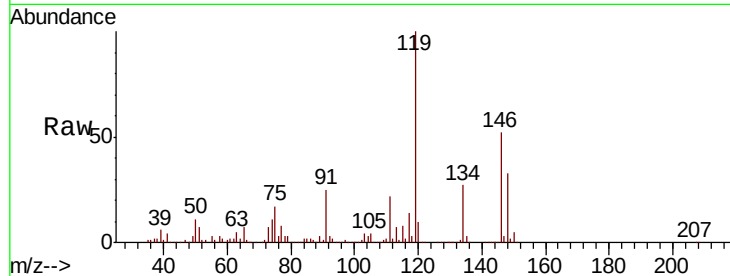
#87
 1,3-Dichlorobenzene
 Concen: 51.939 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.5	20.0	60.0	
148	63.4	32.1	96.5	

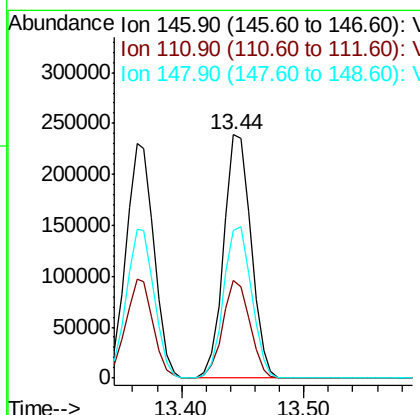
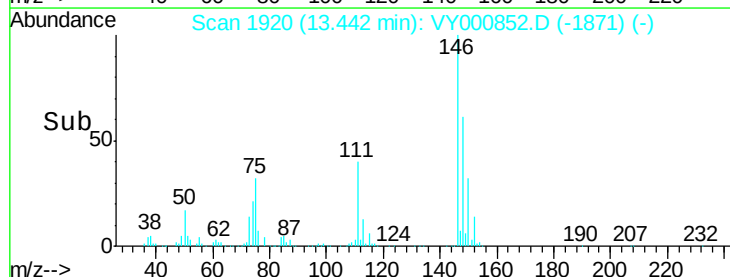
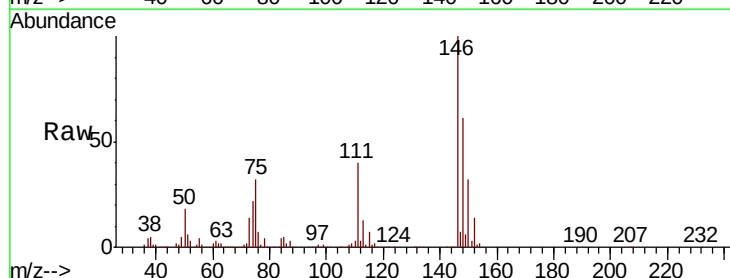
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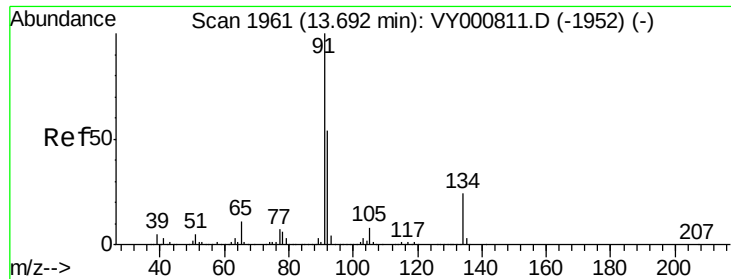
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#88
 1,4-Dichlorobenzene
 Concen: 52.678 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.8	20.0	59.9	
148	63.7	31.7	95.1	





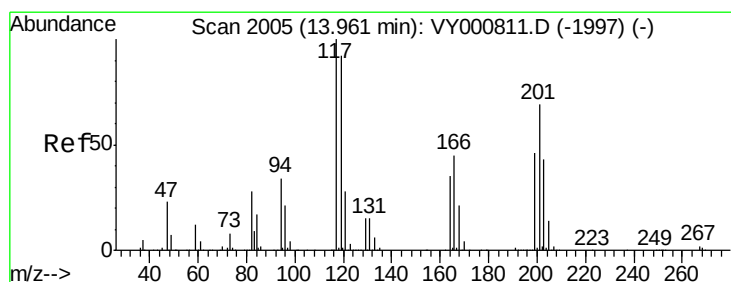
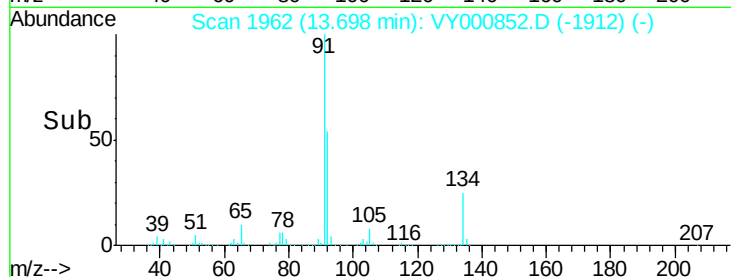
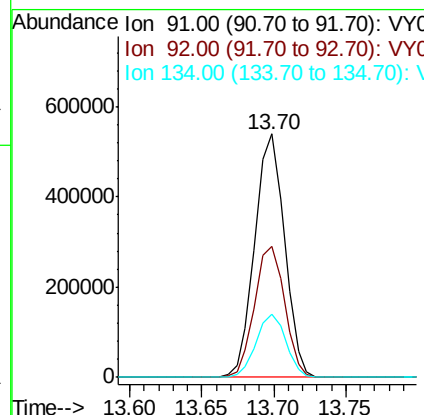
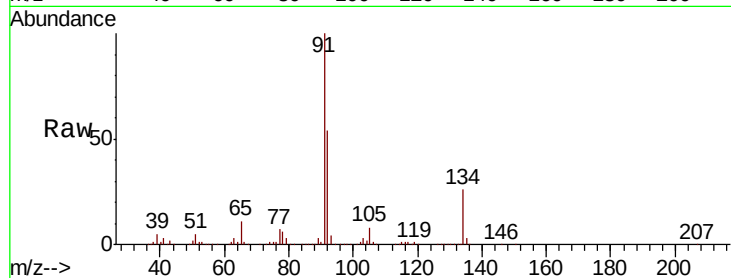
#89
n-Butylbenzene
Concen: 52.106 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.9	80.7
134	25.8	12.6	37.6

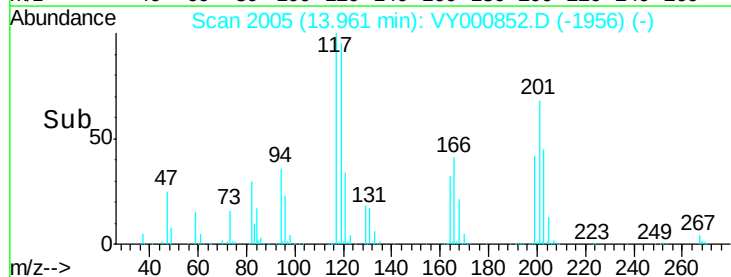
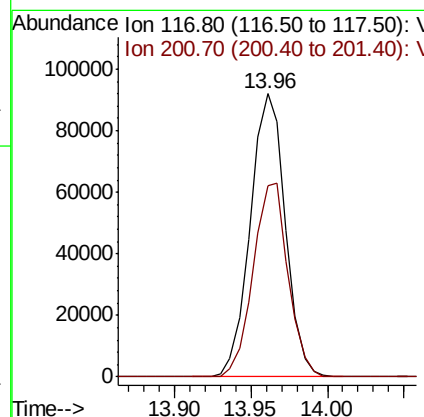
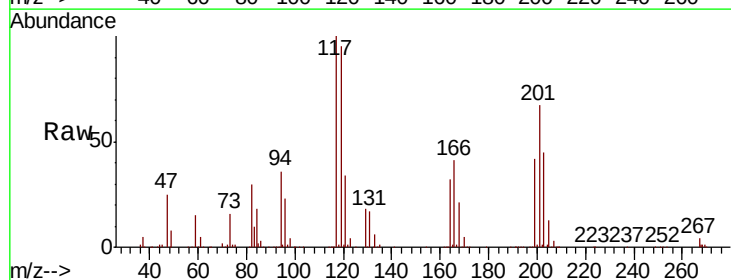
Manual Integrations
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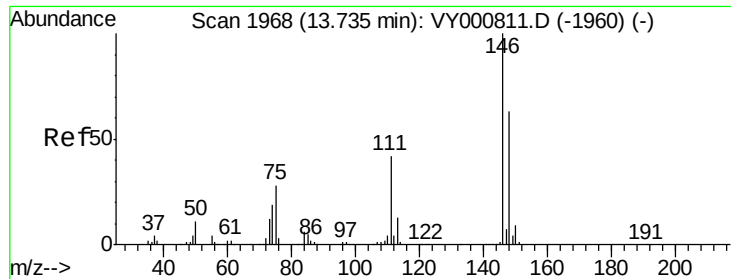
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#90
Hexachloroethane
Concen: 54.009 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.6	34.0	102.0





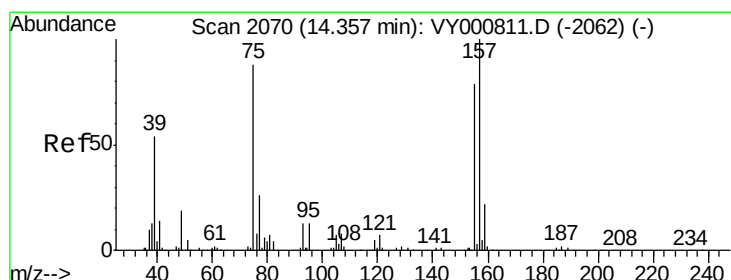
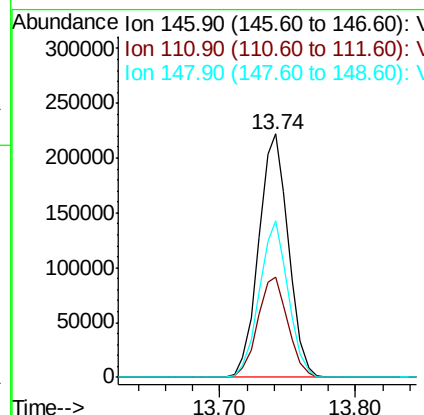
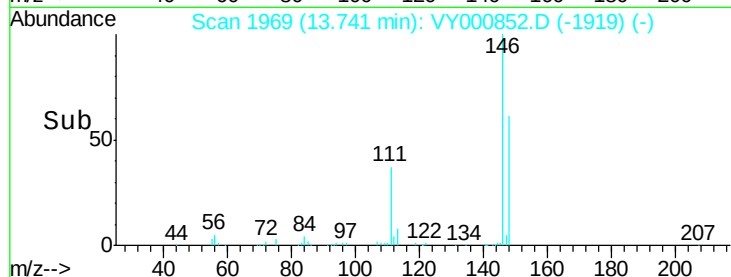
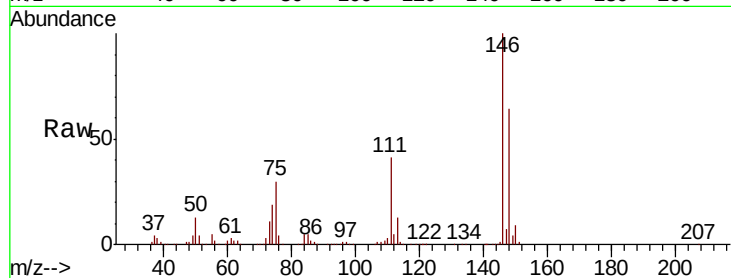
#91
 1,2-Dichlorobenzene
 Concen: 53.406 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	62.4	32.1	96.3

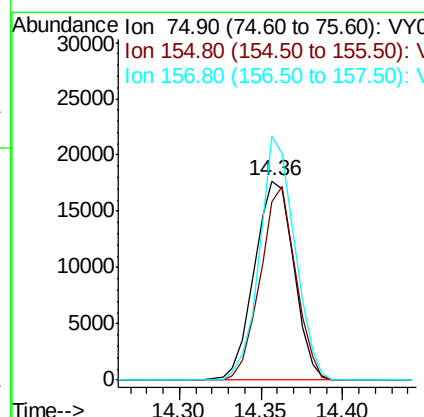
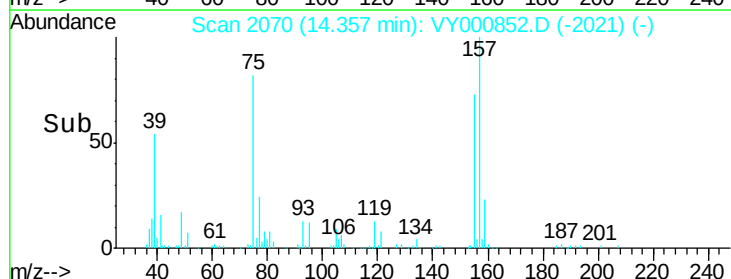
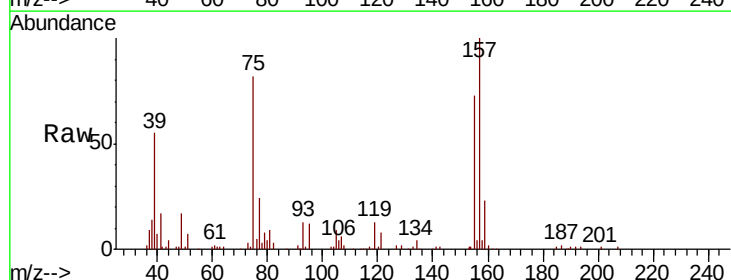
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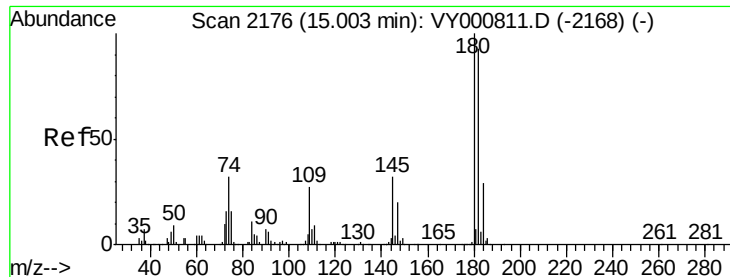
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.808 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	44.3	132.9
157	109.9	56.3	168.9





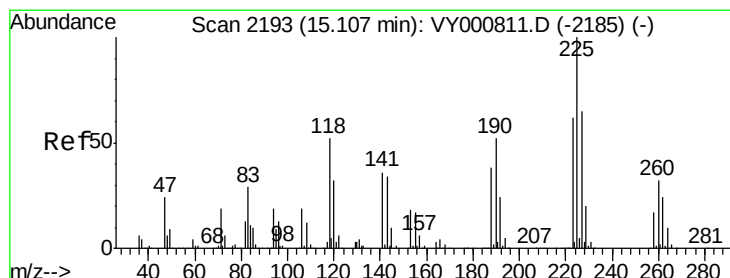
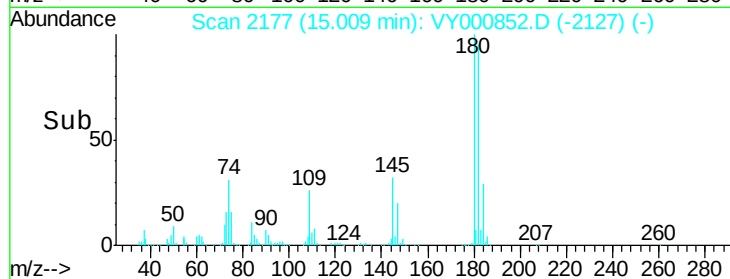
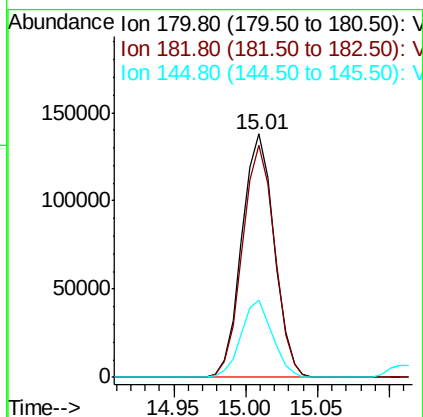
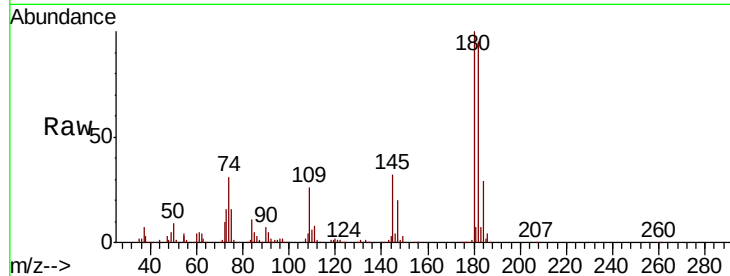
#93
 1,2,4-Trichlorobenzene
 Concen: 49.768 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	214381		
182	95.3	47.3	141.9	
145	30.8	16.0	47.9	

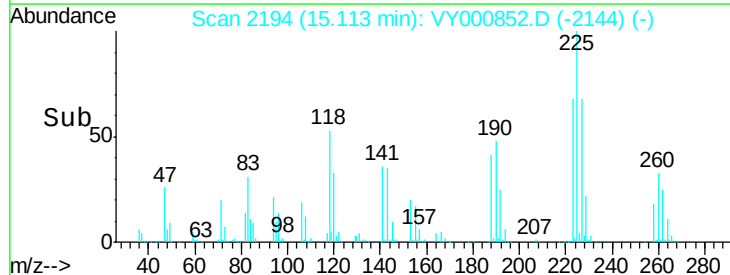
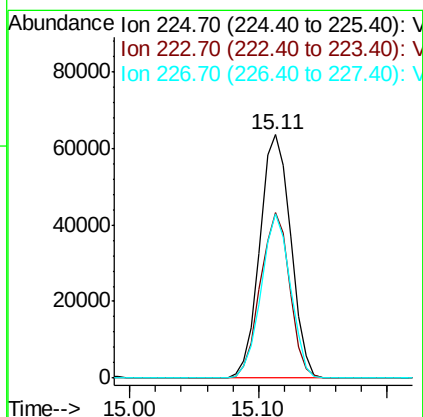
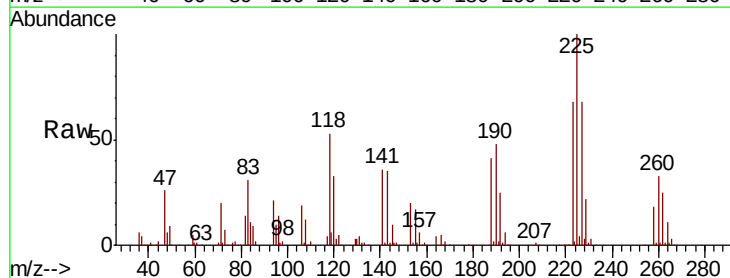
Manual Integrations
 APPROVED

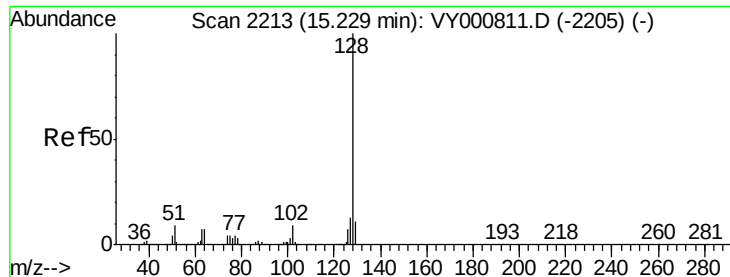
apatel
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#94
 Hexachlorobutadiene
 Concen: 49.457 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000852.D
 Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105626		
223	64.4	31.4	94.3	
227	64.0	31.8	95.3	





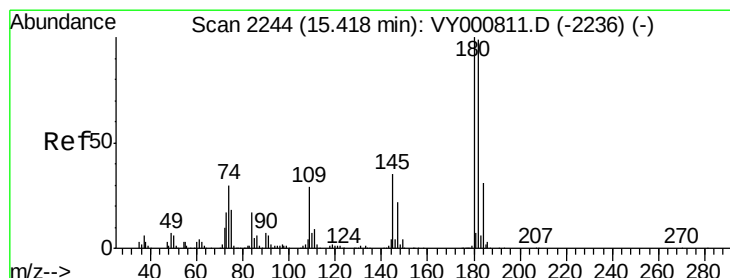
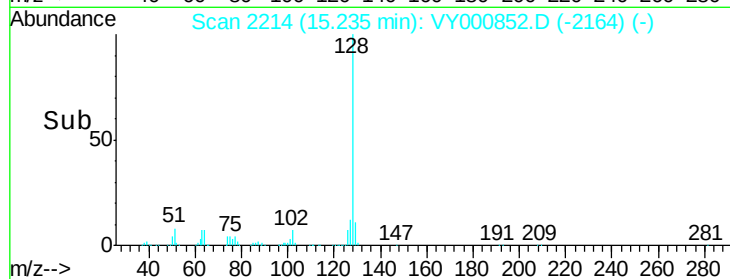
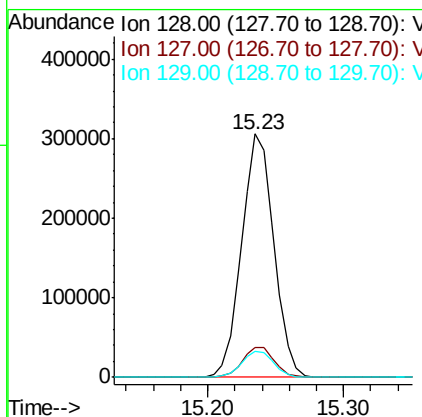
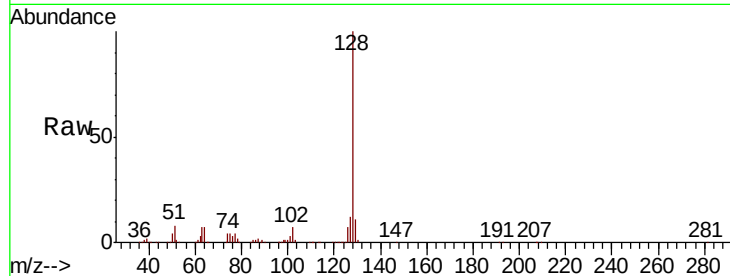
#95
Naphthalene
Concen: 50.457 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.7	8.8	13.2

Manual Integrations
APPROVED

apatel
12/5/2019 2:58:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.576 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000852.D
Acq: 04 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.0
145	33.0	16.9	50.6

