

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000894.D
 Acq On : 06 Dec 2019 12:02
 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
 APPROVED

apatel
 12/9/2019 11:24:06 AM

Quant Time: Dec 09 03:17:55 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	363310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	547429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	252521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	169906	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
35) Dibromofluoromethane	7.72	113	173802	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
50) Toluene-d8	10.18	98	733400	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.48	95	245329	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	176020	45.007	ug/l	95
3) Chloromethane	2.12	50	208268	43.201	ug/l	99
4) Vinyl Chloride	2.25	62	225137	47.385	ug/l	100
5) Bromomethane	2.65	94	123824	42.535	ug/l	98
6) Chloroethane	2.80	64	136932	47.006	ug/l	99
7) Trichlorofluoromethane	3.13	101	338355	51.964	ug/l	94
8) Diethyl Ether	3.54	74	121801	49.700	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	212978	52.966	ug/l	98
10) Methyl Iodide	4.10	142	282946	55.889	ug/l	98
11) Tert butyl alcohol	4.99	59	78353	201.736	ug/l	100
12) 1,1-Dichloroethene	3.88	96	213166	53.512	ug/l	92
13) Acrolein	3.74	56	73965	193.325	ug/l	100
14) Allyl chloride	4.48	41	345554	50.591	ug/l	97
15) Acrylonitrile	5.18	53	294406	232.644	ug/l	98
16) Acetone	3.96	43	185018	208.921	ug/l	99
17) Carbon Disulfide	4.19	76	659793	51.212	ug/l	100
18) Methyl Acetate	4.49	43	162820	43.971	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	532494	50.053	ug/l	99
20) Methylene Chloride	4.72	84	240844	51.593	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	234528	51.798	ug/l	99
22) Diisopropyl ether	6.13	45	701903	49.998	ug/l	97
23) Vinyl Acetate	6.07	43	2052803	240.531	ug/l	98
24) 1,1-Dichloroethane	6.03	63	402304	51.995	ug/l	99
25) 2-Butanone	7.00	43	354410	216.643	ug/l	94
26) 2,2-Dichloropropane	6.99	77	340480	52.283	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	261463	53.423	ug/l	97
28) Bromochloromethane	7.34	49	145365	51.190	ug/l	99
29) Tetrahydrofuran	7.36	42	238554	220.059	ug/l	98
30) Chloroform	7.52	83	385018	49.603	ug/l	98
31) Cyclohexane	7.79	56	405097	49.422	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	336187	52.452	ug/l	98
36) 1,1-Dichloropropene	7.93	75	323567	51.447	ug/l	100
37) Ethyl Acetate	7.09	43	160106	44.088	ug/l	100
38) Carbon Tetrachloride	7.91	117	292872	52.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	431888	51.831	ug/l	99
40) Benzene	8.17	78	951846	51.958	ug/l	98
41) Methacrylonitrile	7.33	41	90968m	47.527	ug/l	
42) 1,2-Dichloroethane	8.24	62	231828	48.118	ug/l	99
43) Isopropyl Acetate	8.28	43	308143	45.027	ug/l	96
44) Trichloroethene	8.94	130	249808	53.059	ug/l	93
45) 1,2-Dichloropropane	9.22	63	238532	51.837	ug/l	93
46) Dibromomethane	9.31	93	119988	49.906	ug/l	99
47) Bromodichloromethane	9.50	83	293345	51.937	ug/l	99
48) Methyl methacrylate	9.30	41	135866	45.148	ug/l	93
49) 1,4-Dioxane	9.31	88	30105	883.699	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	799745	226.178	ug/l	100
52) Toluene	10.24	92	589276	51.952	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	315989	52.074	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	375823	52.398	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	177243	49.897	ug/l	96
56) Ethyl methacrylate	10.51	69	259834	51.133	ug/l	97
57) 1,3-Dichloropropane	10.79	76	314603	50.816	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	446307	217.824	ug/l	99
59) 2-Hexanone	10.83	43	579296	224.835	ug/l	98
60) Dibromochloromethane	10.99	129	197336	51.605	ug/l	99
61) 1,2-Dibromoethane	11.09	107	171860	51.336	ug/l	100
64) Tetrachloroethene	10.72	164	252743	53.140	ug/l	96
65) Chlorobenzene	11.51	112	605877	53.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	209147	54.539	ug/l	99
67) Ethyl Benzene	11.59	91	1131452	53.390	ug/l	99
68) m/p-Xylenes	11.70	106	844884	106.216	ug/l	100
69) o-Xylene	12.03	106	395728	53.356	ug/l	99
70) Styrene	12.04	104	685310	53.963	ug/l	99
71) Bromoform	12.20	173	113576	52.513	ug/l #	98
73) Isopropylbenzene	12.33	105	1078511	53.640	ug/l	100
74) N-amyl acetate	12.14	43	269764	48.204	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	195562	49.363	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	165317m	57.782	ug/l	
77) Bromobenzene	12.61	156	228563	52.443	ug/l	98
78) n-propylbenzene	12.67	91	1318344	53.700	ug/l	100
79) 2-Chlorotoluene	12.75	91	720834	53.148	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	897575	53.916	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	74875	51.406	ug/l	96
82) 4-Chlorotoluene	12.85	91	755115	54.040	ug/l	99
83) tert-Butylbenzene	13.07	119	735111	52.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	884785	53.123	ug/l	99
85) sec-Butylbenzene	13.25	105	1091837	53.638	ug/l	99
86) p-Isopropyltoluene	13.36	119	950157	53.666	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	451925	52.858	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	446296	52.719	ug/l	99
89) n-Butylbenzene	13.69	91	958303	53.535	ug/l	99
90) Hexachloroethane	13.95	117	180296	55.281	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	406528	52.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	32389	48.834	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	278674	53.551	ug/l	99
94) Hexachlorobutadiene	15.11	225	136989	53.095	ug/l	99
95) Naphthalene	15.23	128	624765	51.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	246861	53.108	ug/l	99

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

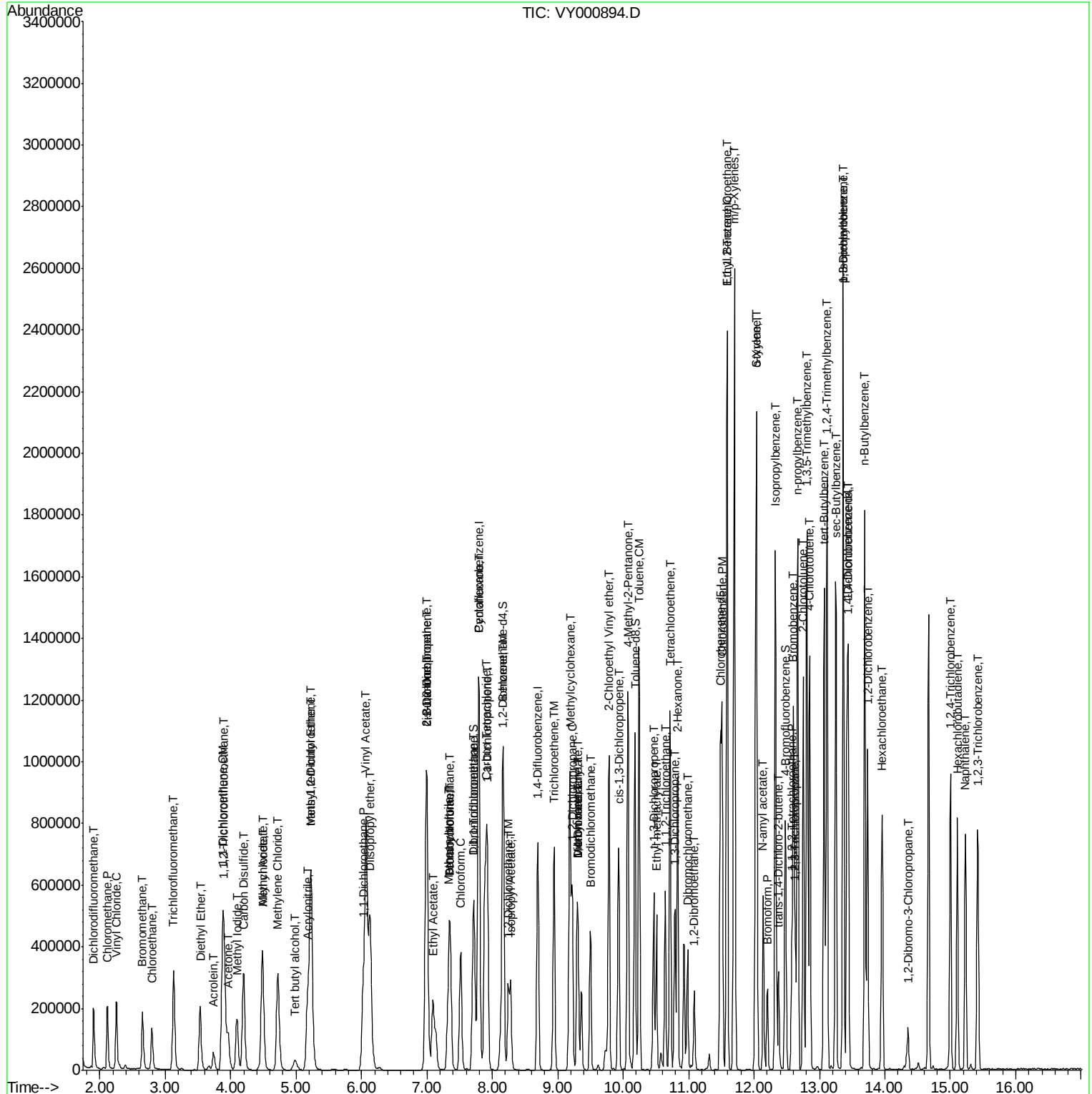
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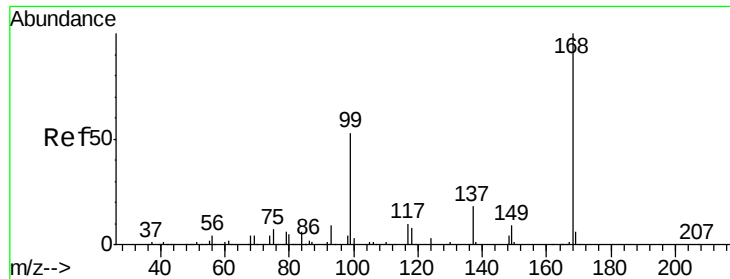
Instrument :
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#1

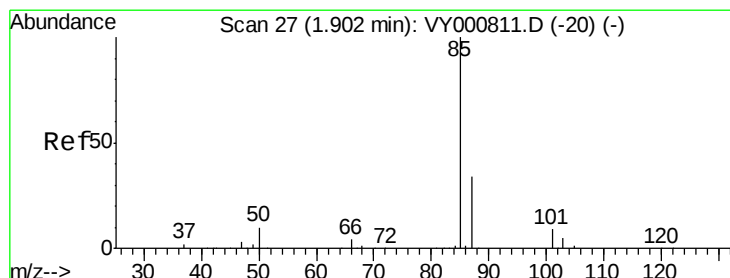
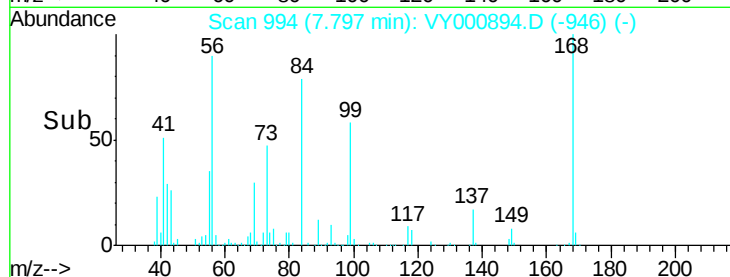
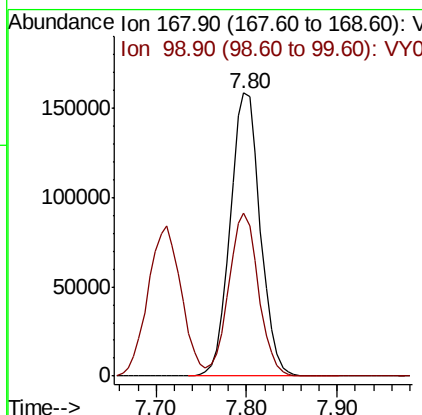
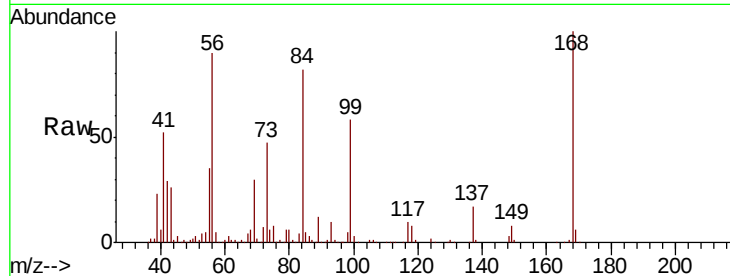
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.7	45.0	67.6

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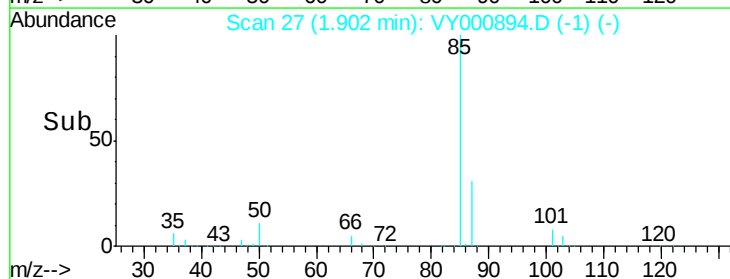
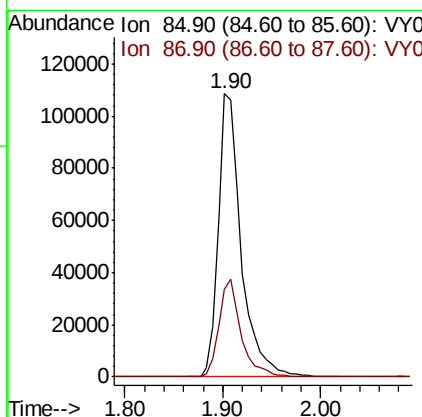
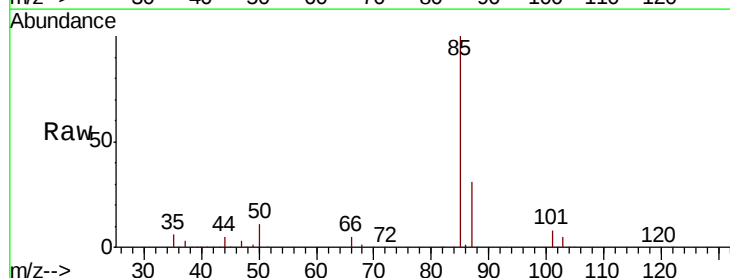
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#2

Dichlorodifluoromethane
Concen: 45.007 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.8	50.3





#3

Chloromethane

Concen: 43.201 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 208268

Ion Ratio Lower Upper

50 100

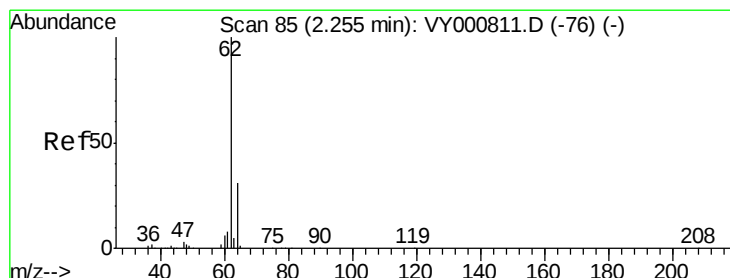
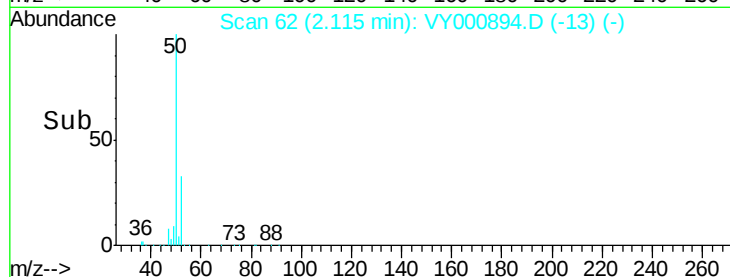
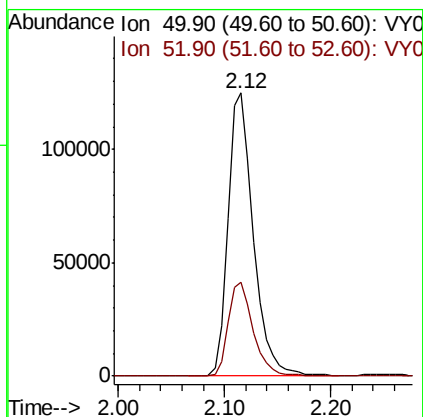
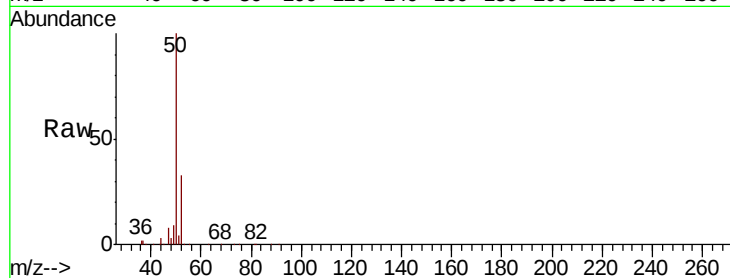
52 33.3 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.385 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000894.D

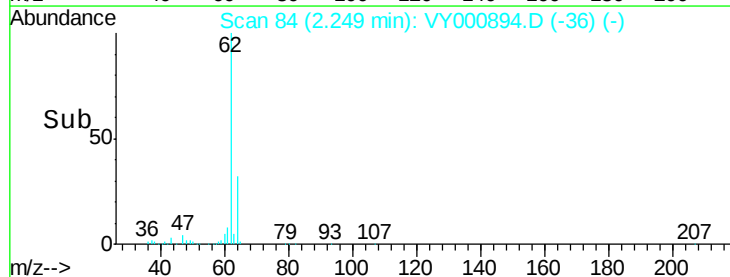
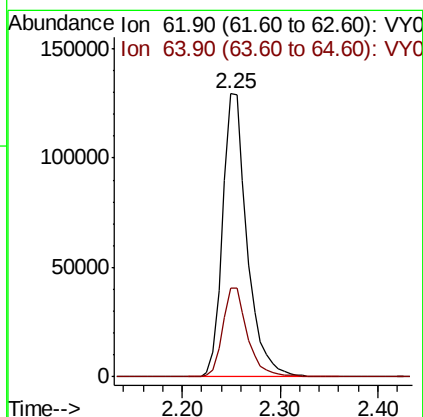
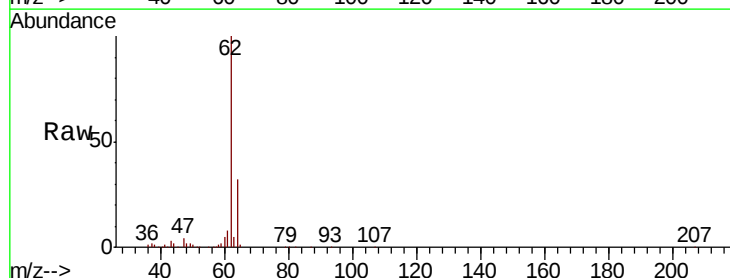
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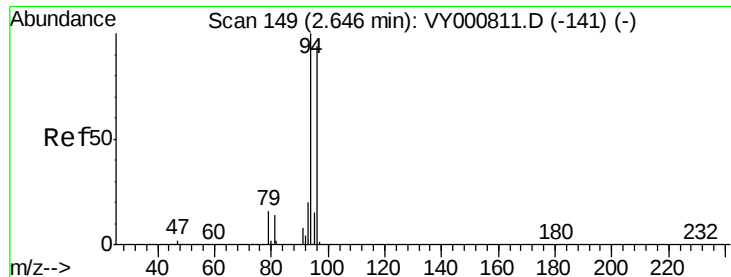
Tgt Ion: 62 Resp: 225137

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 42.535 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 123824

Ion Ratio Lower Upper

94 100

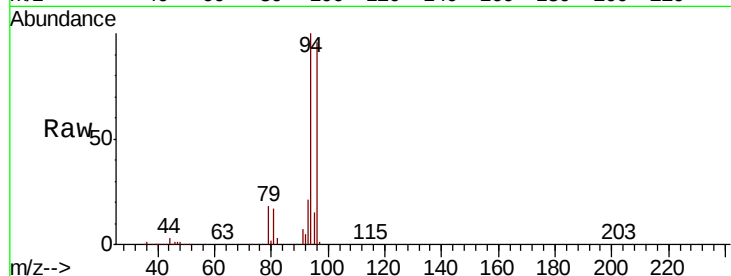
96 95.9 75.2 112.8

Manual Integrations

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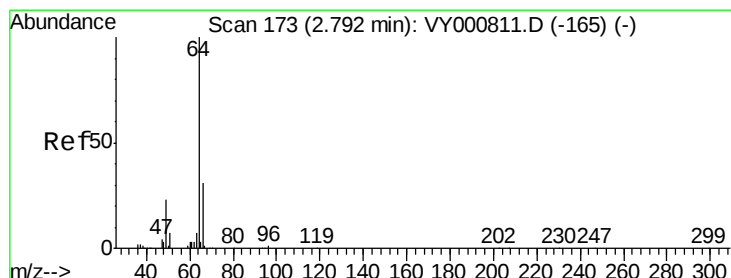
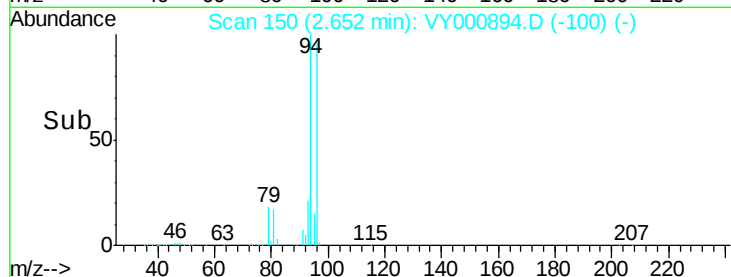
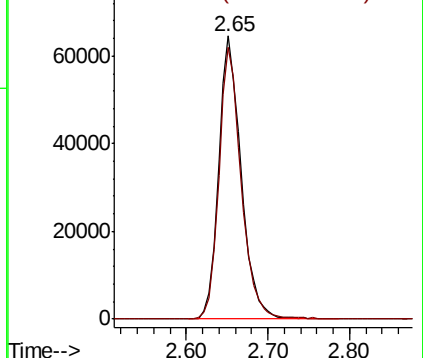
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.006 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000894.D

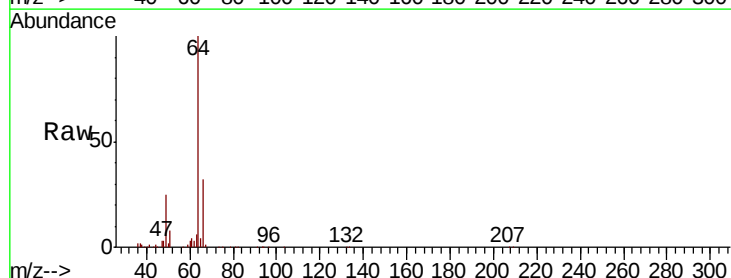
Acq: 06 Dec 2019 12:02

Tgt Ion: 64 Resp: 136932

Ion Ratio Lower Upper

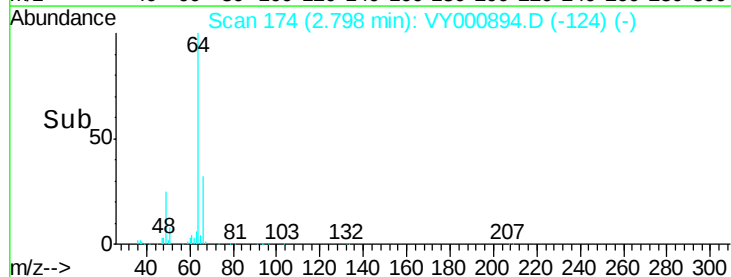
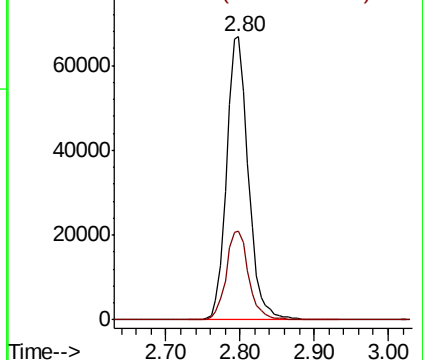
64 100

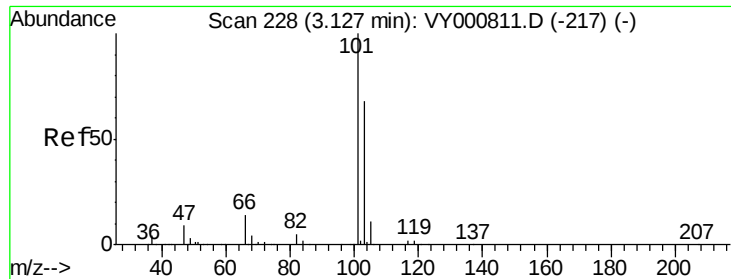
66 31.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

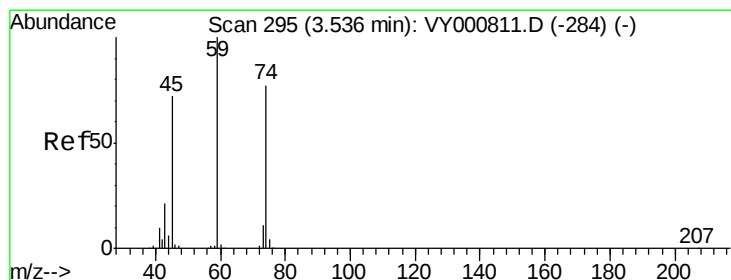
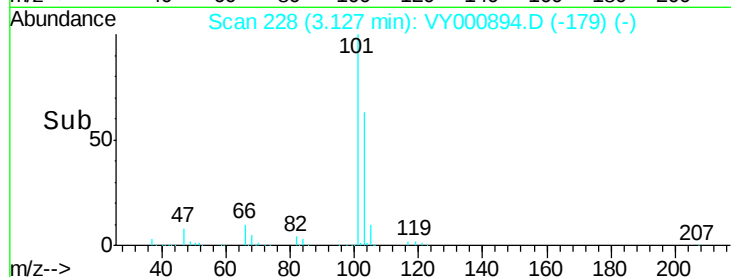
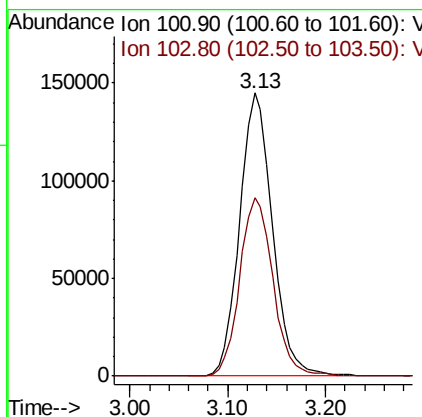
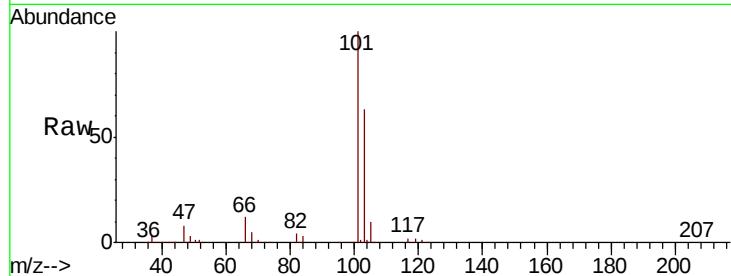
Trichlorofluoromethane
 Concen: 51.964 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	338355		
103	63.0	54.2	81.2	

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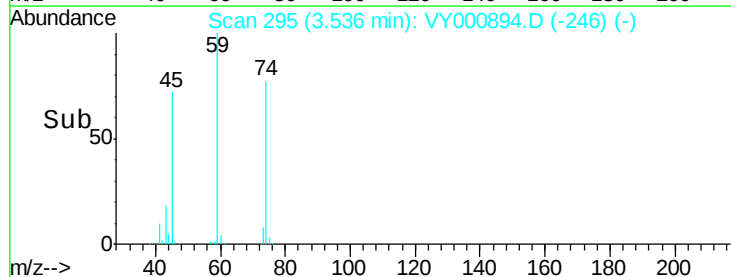
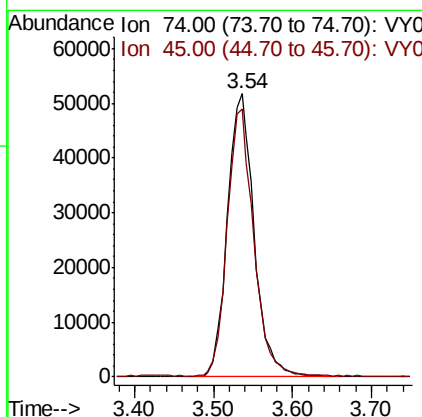
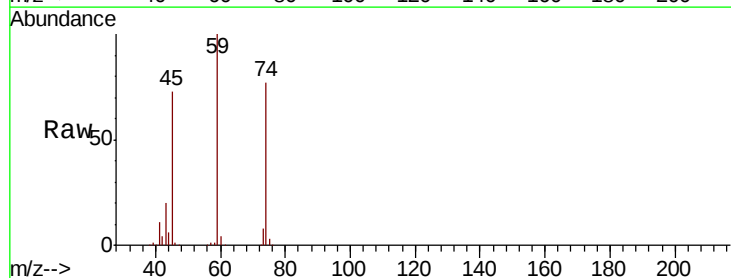
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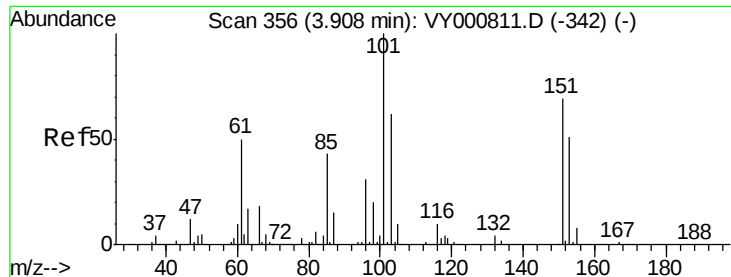


#8

Diethyl Ether
 Concen: 49.700 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	121801		
45	93.6	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.966 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:101 Resp: 212978

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

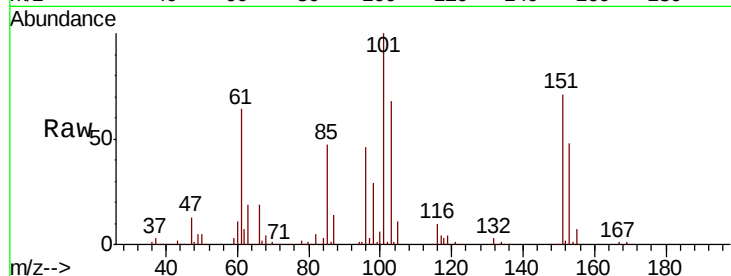
151 74.4 58.2 87.2

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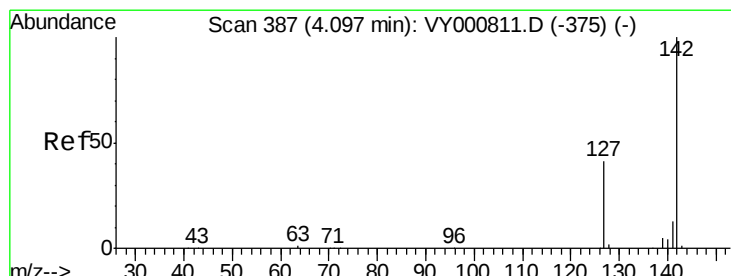
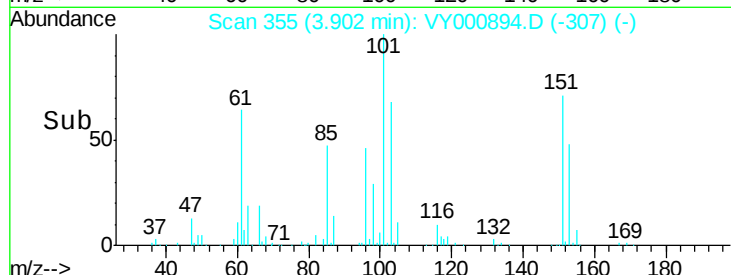
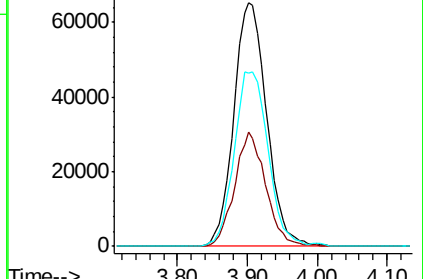
12/9/2019 11:24:06 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.889 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

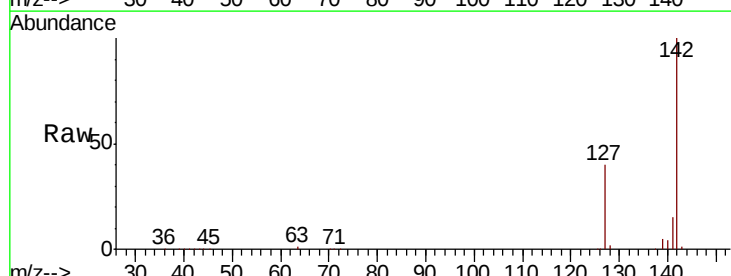
Tgt Ion:142 Resp: 282946

Ion Ratio Lower Upper

142 100

127 40.5 33.8 50.8

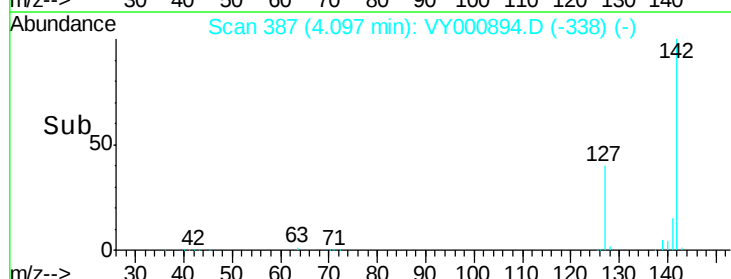
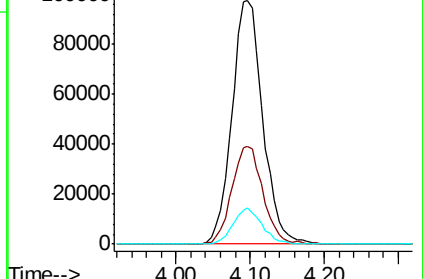
141 13.9 10.9 16.3

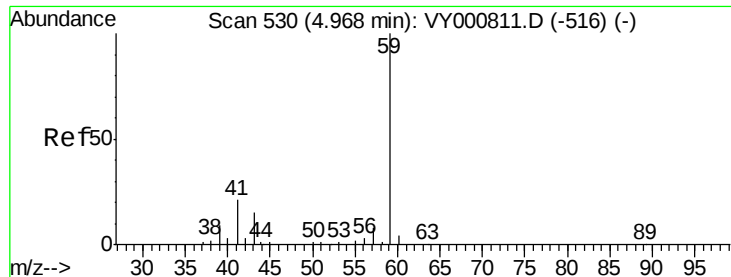


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

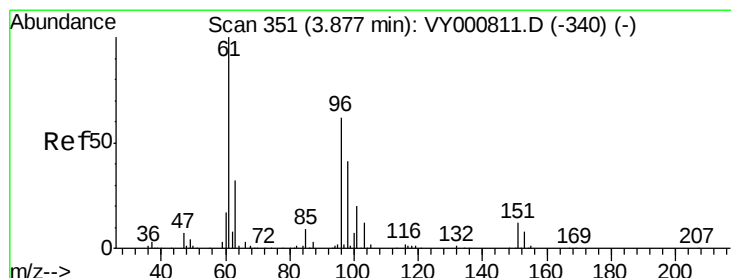
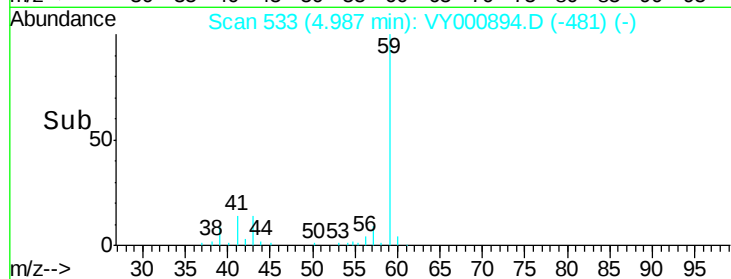
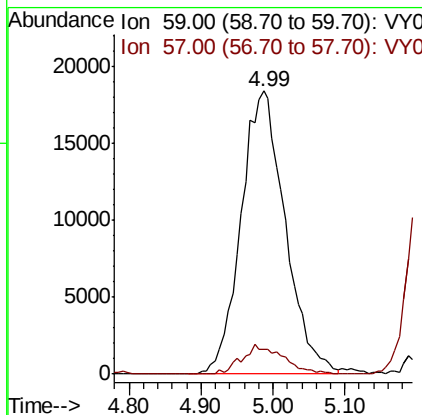
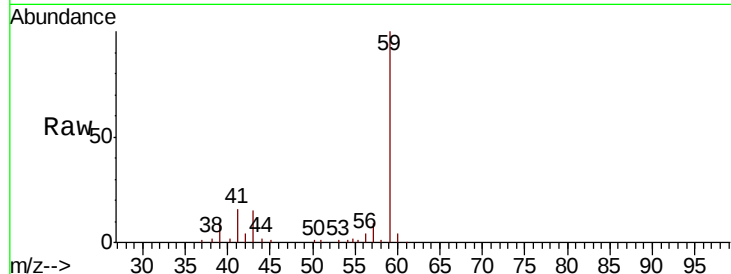
Tert butyl alcohol
 Concen: 201.736 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.6

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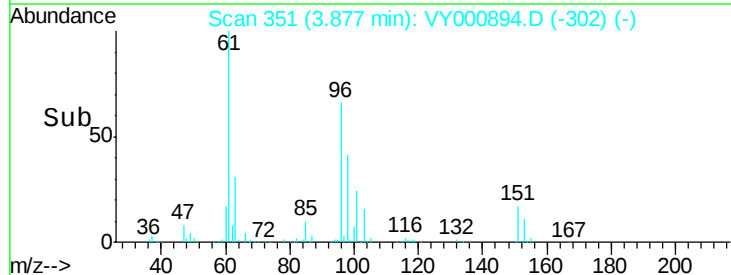
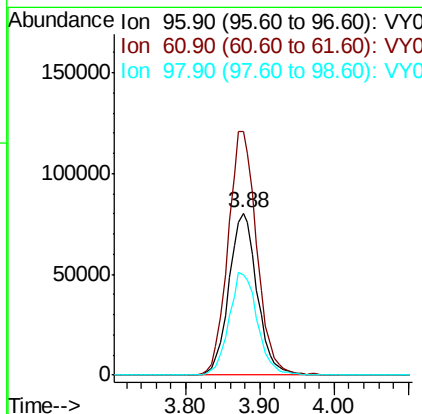
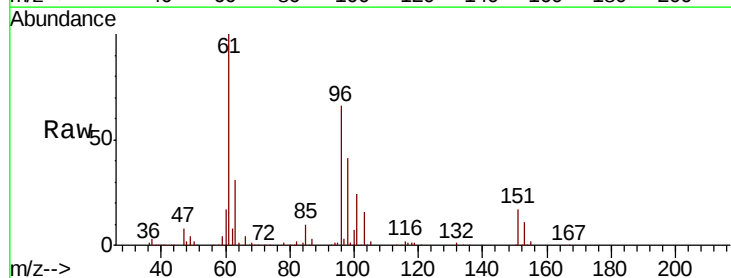
apatel
 12/9/2019 11:24:06 AM

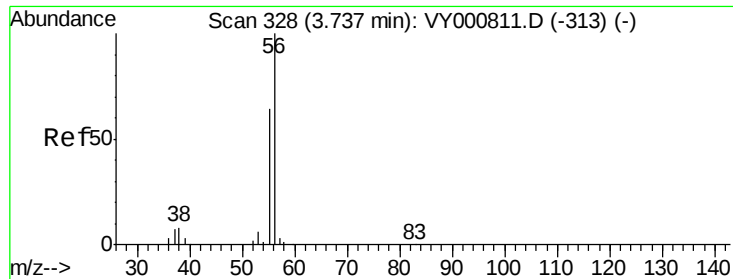


#12

1,1-Dichloroethene
 Concen: 53.512 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	129.4	194.2
98	62.2	53.4	80.0





#13

Acrolein

Concen: 193.325 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 73965

Ion Ratio Lower Upper

56 100

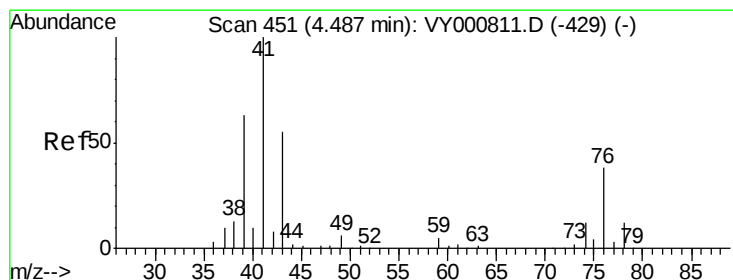
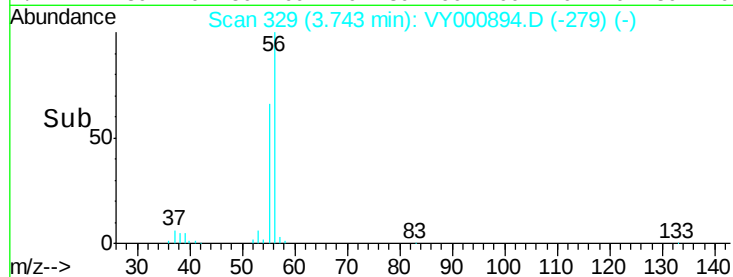
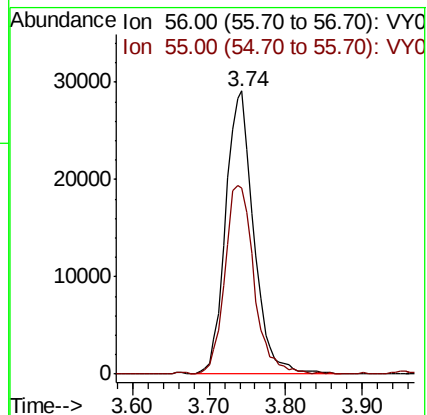
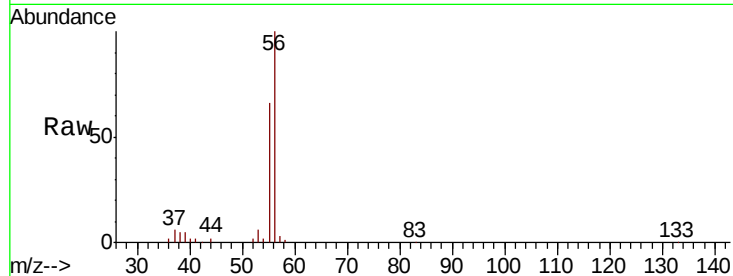
55 69.2 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 50.591 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

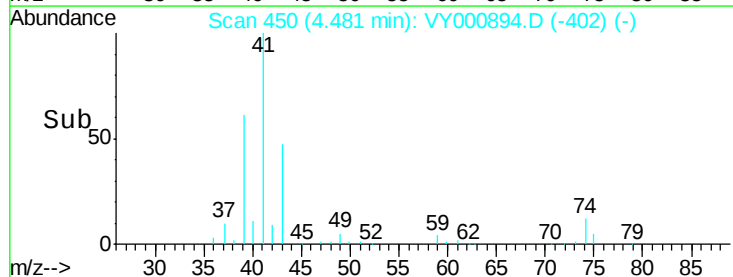
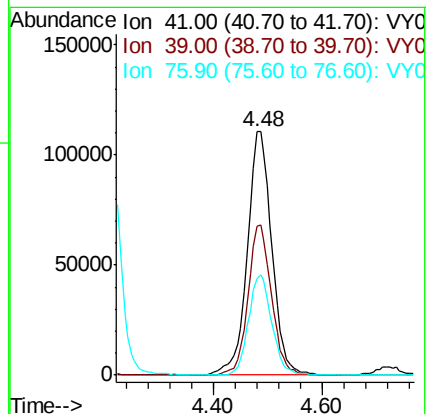
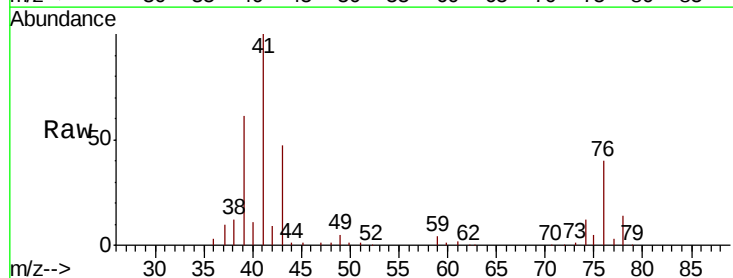
Tgt Ion: 41 Resp: 345554

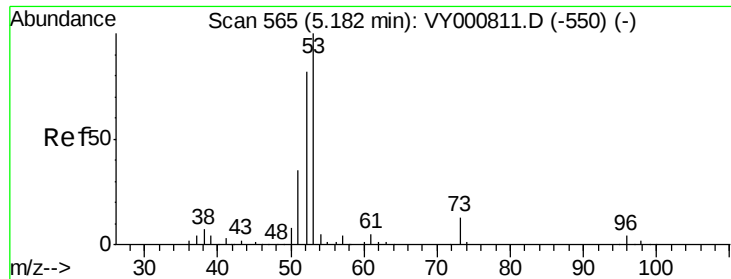
Ion Ratio Lower Upper

41 100

39 59.2 49.2 73.8

76 38.9 29.2 43.8





#15

Acrylonitrile

Concen: 232.644 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

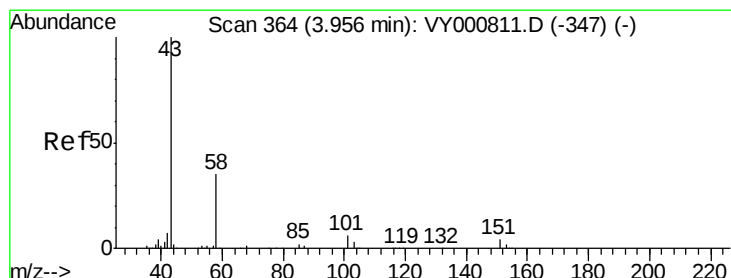
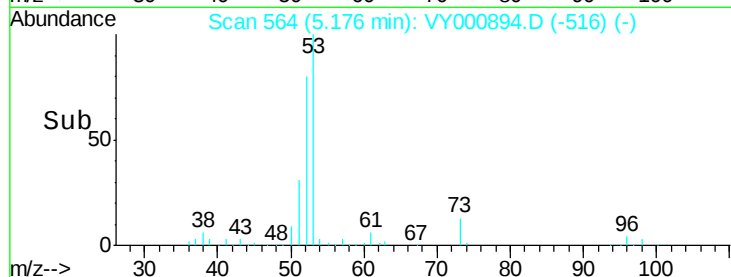
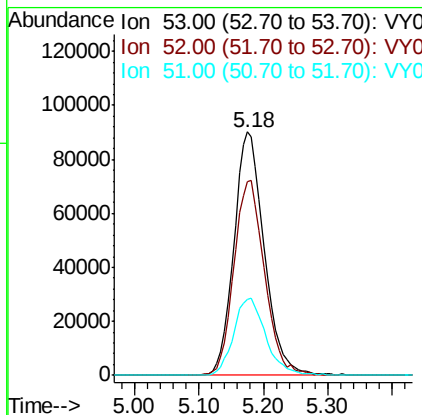
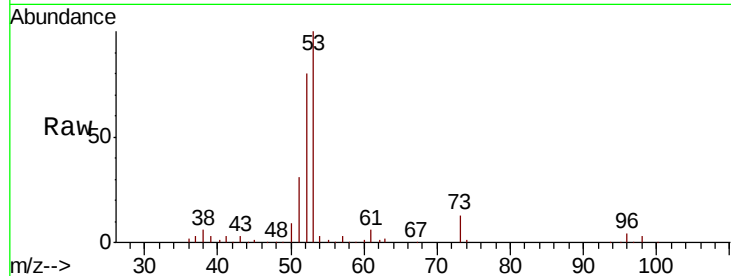
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	294406
Ion Ratio	Lower	Upper	
53	100		
52	80.9	65.1	97.7
51	33.5	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 208.921 ug/l

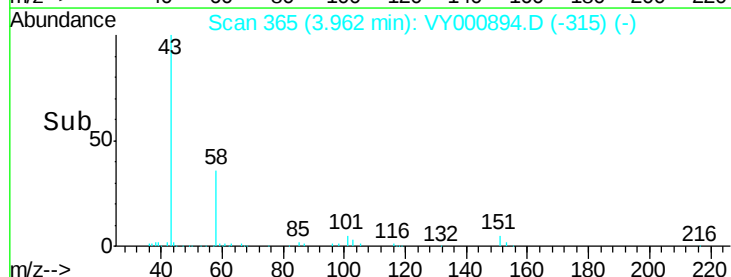
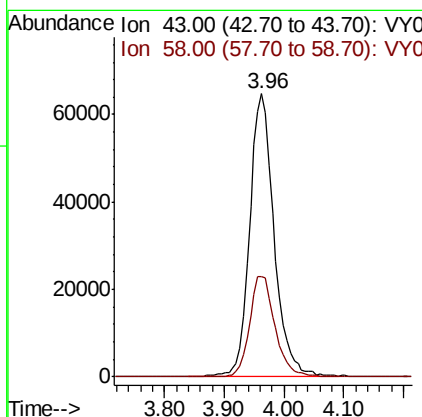
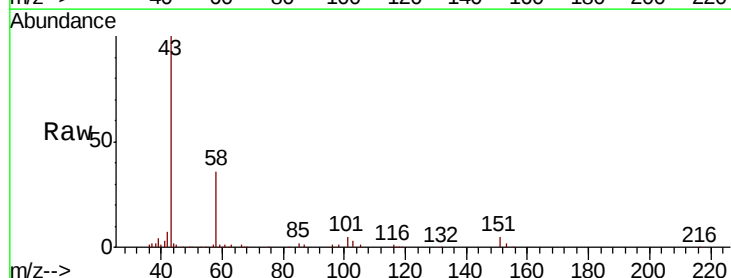
RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Tgt Ion:	43	Resp:	185018
Ion Ratio	Lower	Upper	
43	100		
58	35.4	28.0	42.0





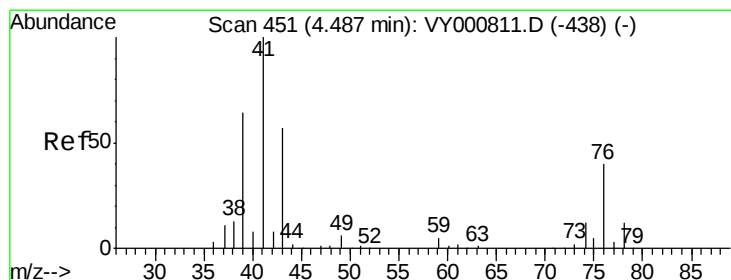
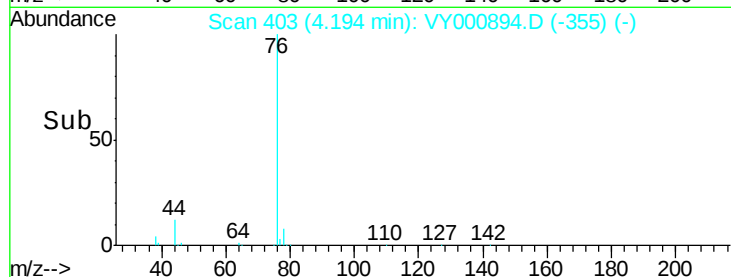
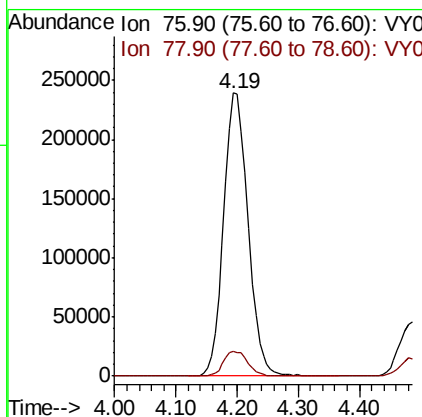
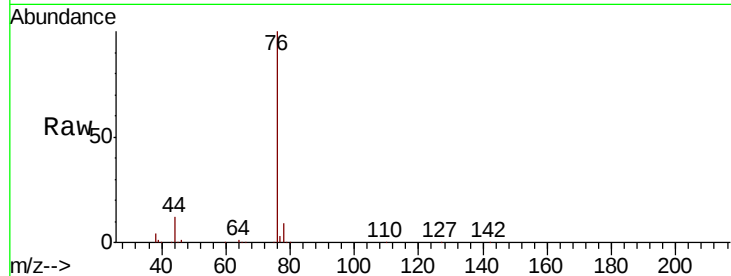
#17
Carbon Disulfide
Concen: 51.212 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

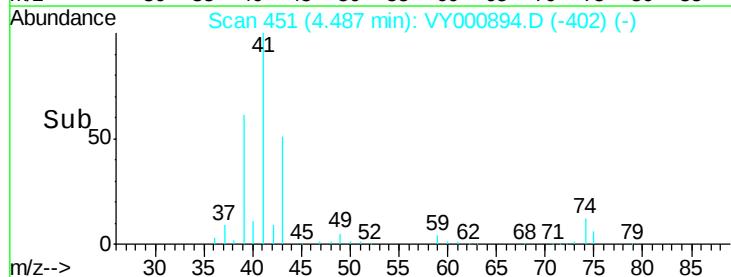
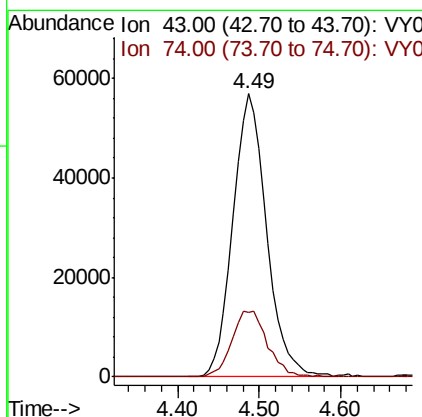
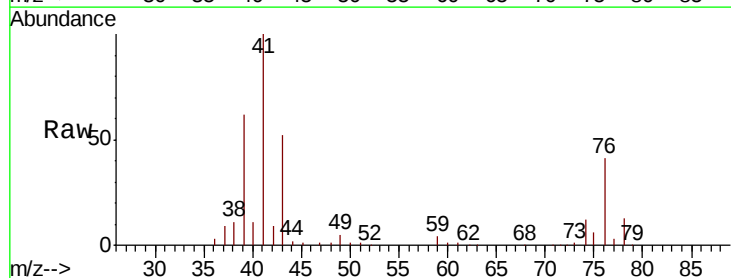
Manual Integrations
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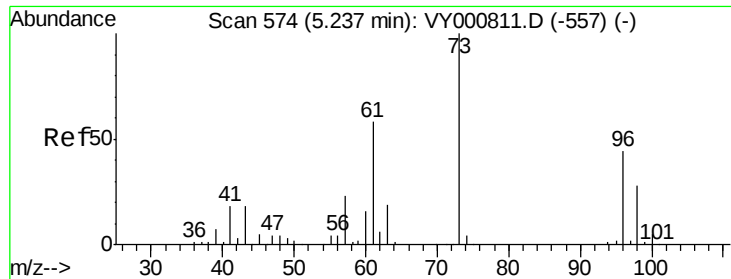
apatel
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#18
Methyl Acetate
Concen: 43.971 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.5	27.7





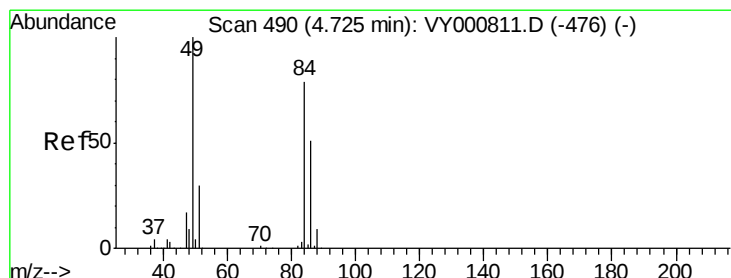
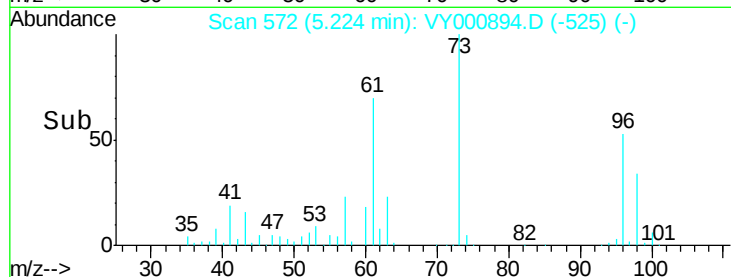
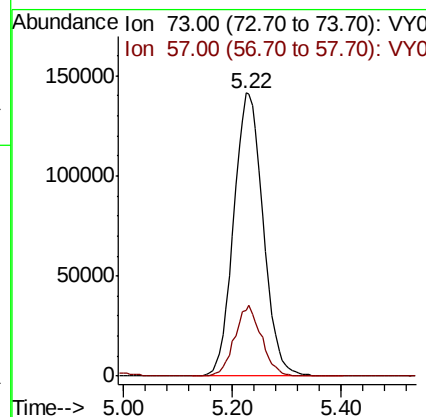
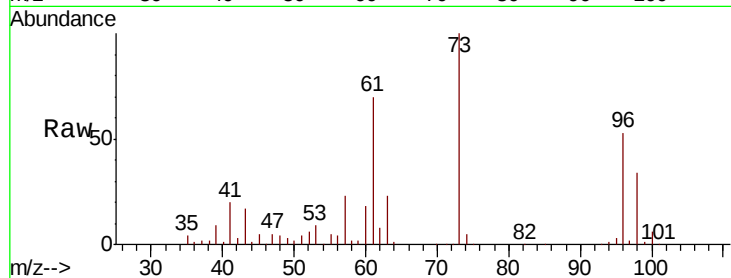
#19
Methvl tert-butvl Ether
Concen: 50.053 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.2	27.4

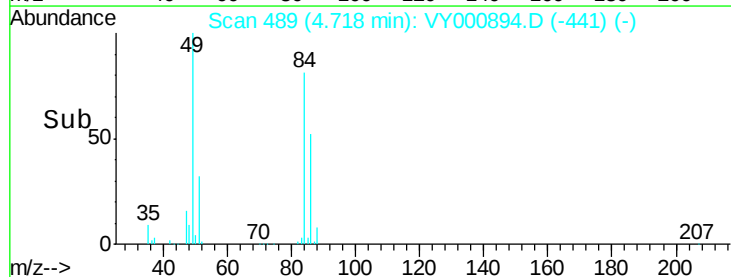
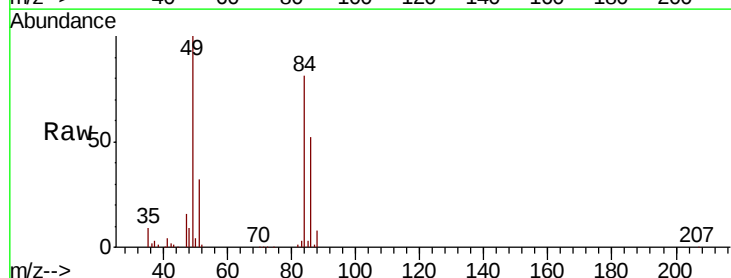
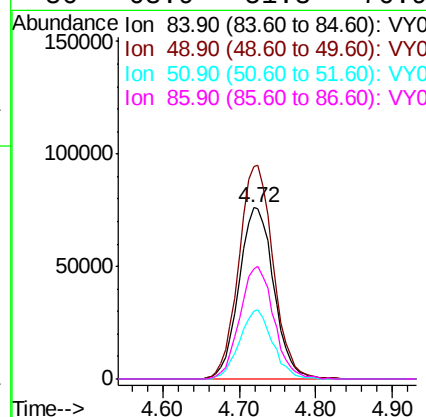
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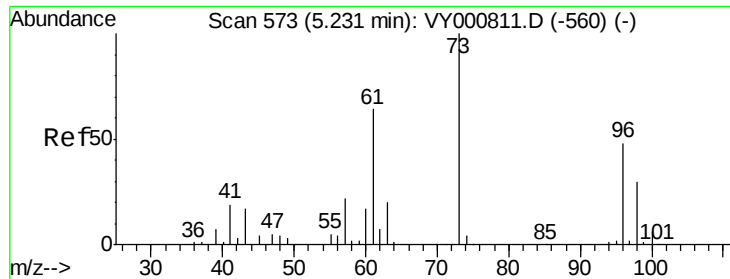
apatel
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#20
Methylene Chloride
Concen: 51.593 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.1	101.3	151.9
51	39.3	30.6	45.8
86	63.9	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 51.798 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

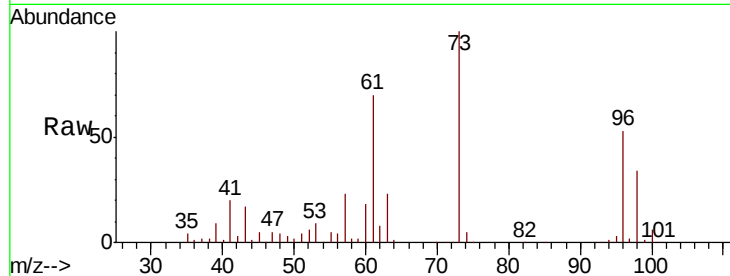
ClientSampleId :

VSTDCCC050

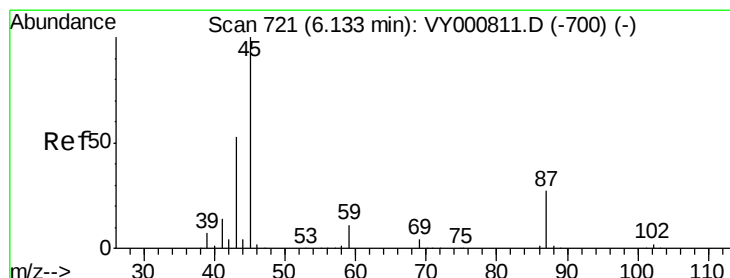
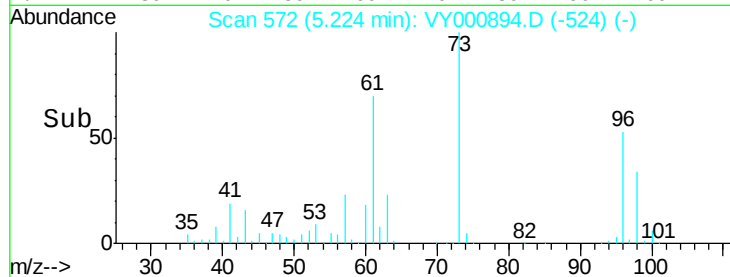
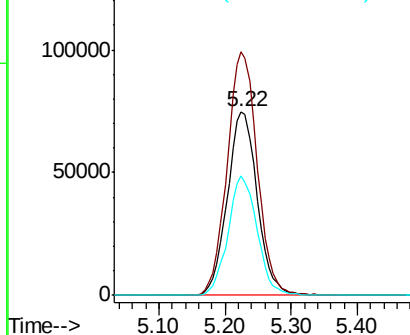
Tot Ion:	96	Resp:	234528
Ion	Ratio	Lower	Upper
96	100		
61	132.2	105.9	158.9
98	64.8	49.4	74.2

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



#22

Diisopropyl ether

Concen: 49.998 ug/l

RT: 6.13 min Scan# 721

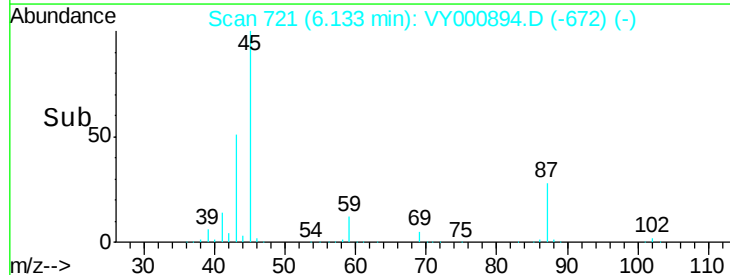
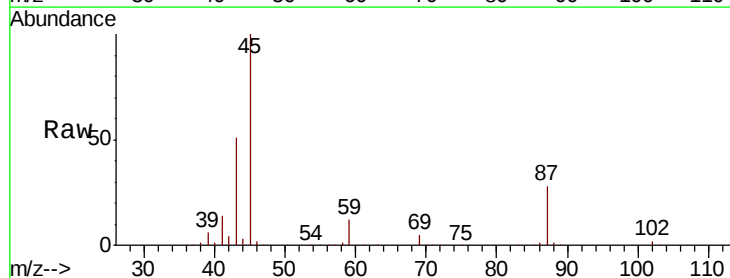
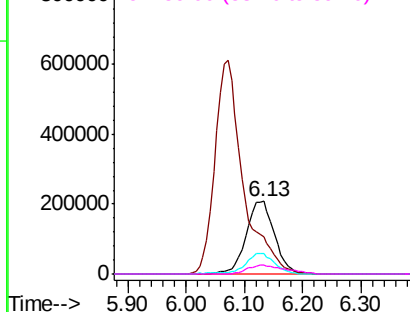
Delta R.T. -0.00 min

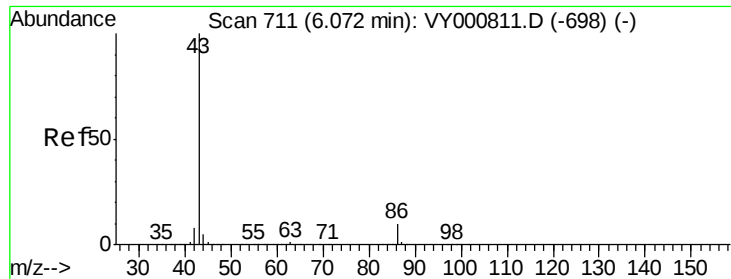
Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Tgt Ion:	45	Resp:	701903
Ion	Ratio	Lower	Upper
45	100		
43	50.8	42.7	64.1
87	27.9	22.0	33.0
59	11.8	8.9	13.3

Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





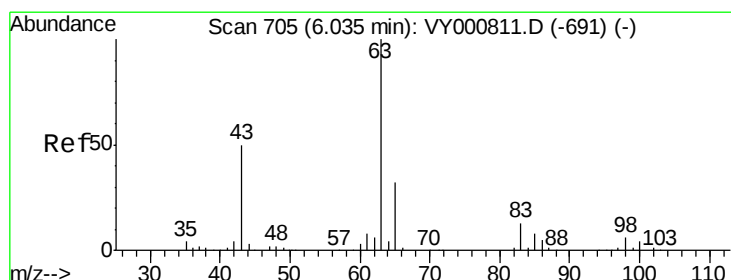
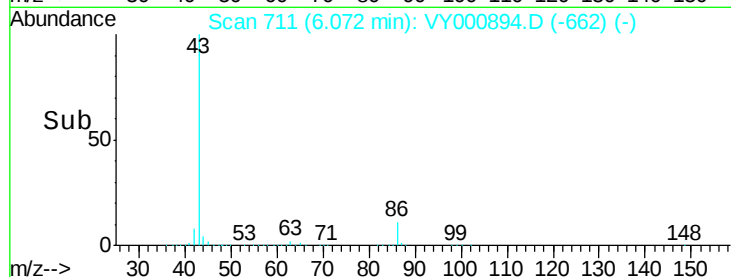
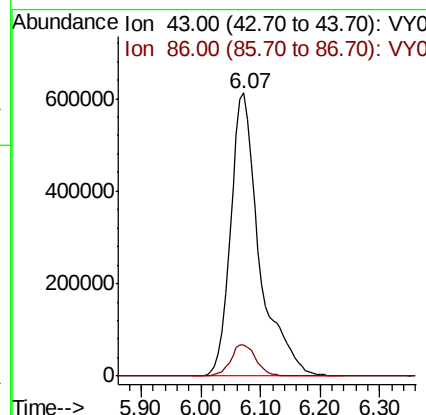
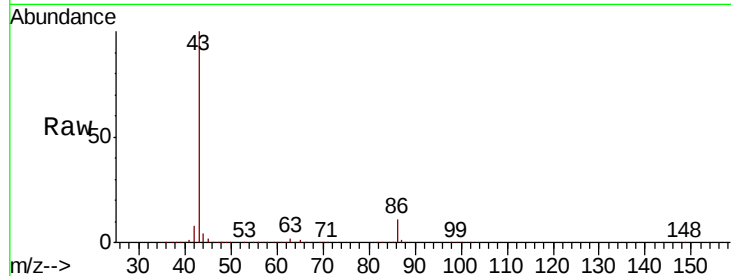
#23
 Vinyl Acetate
 Concen: 240.531 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2052803
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.3 12.5

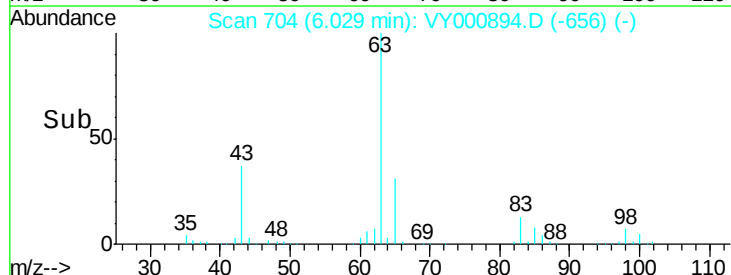
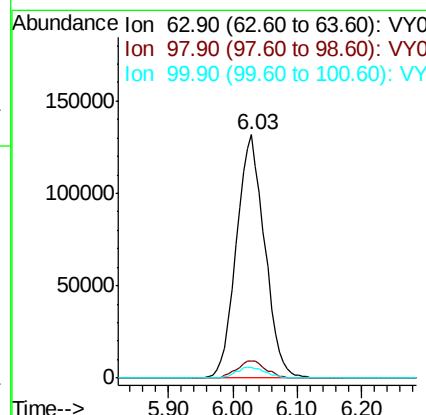
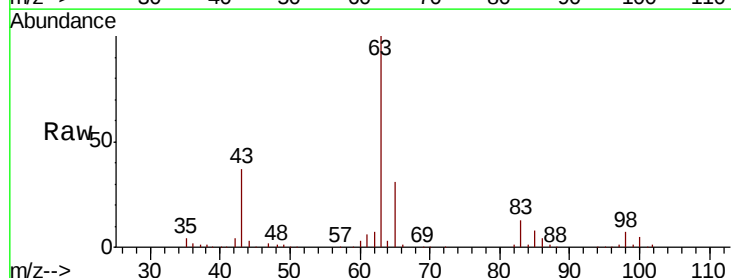
Manual Integrations
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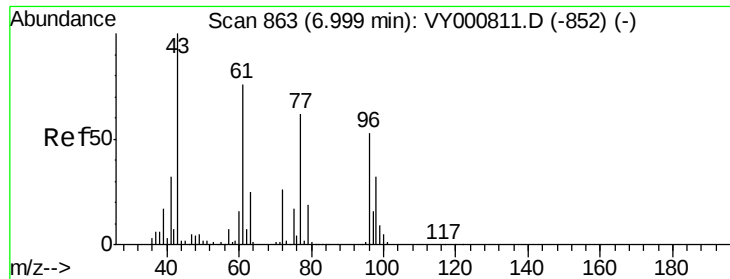
apatel
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#24
 1,1-Dichloroethane
 Concen: 51.995 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion: 63 Resp: 402304
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 216.643 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 354410

Ion Ratio Lower Upper

43 100

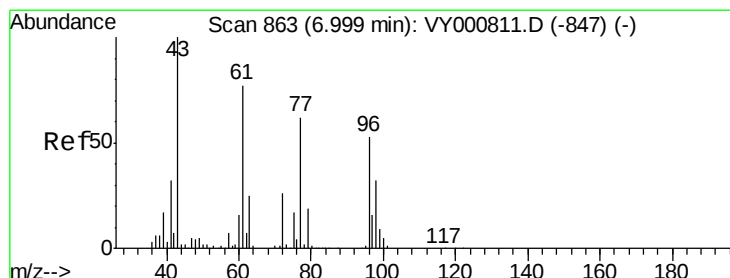
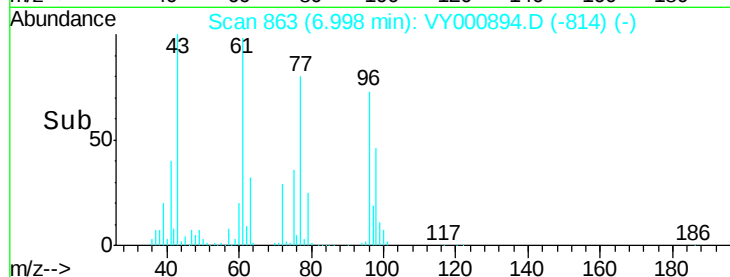
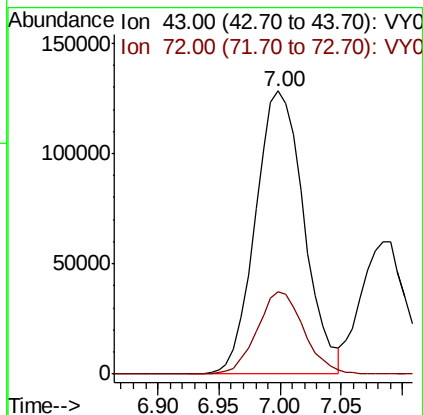
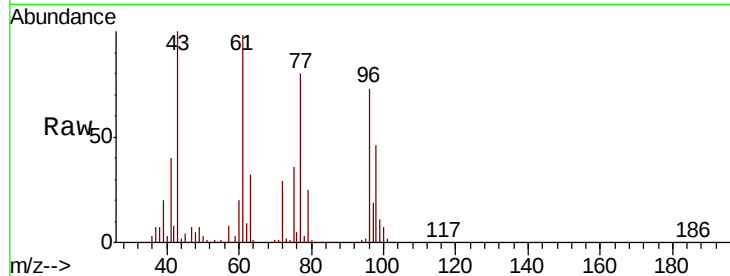
72 29.0 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 52.283 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000894.D

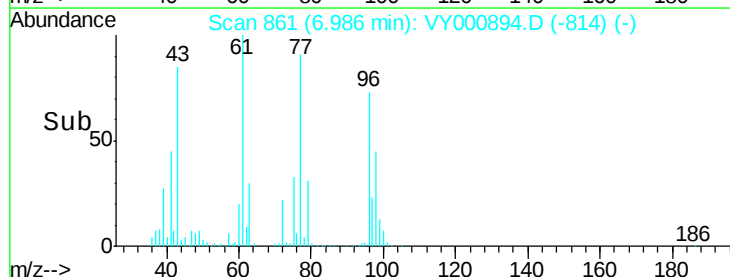
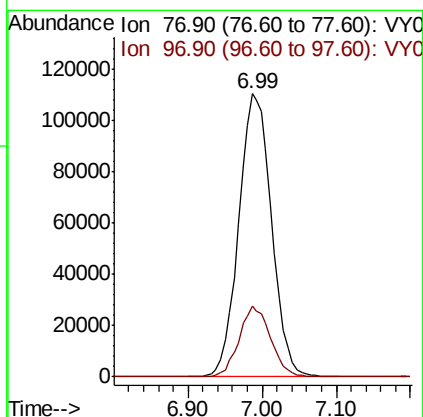
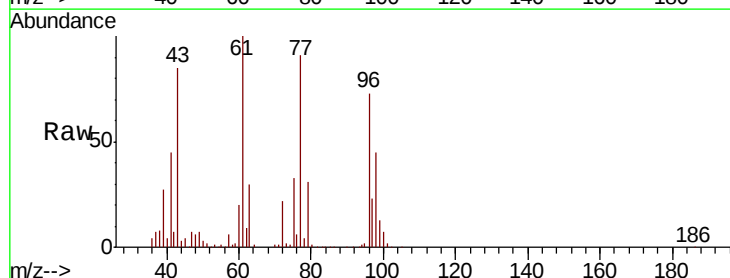
Acq: 06 Dec 2019 12:02

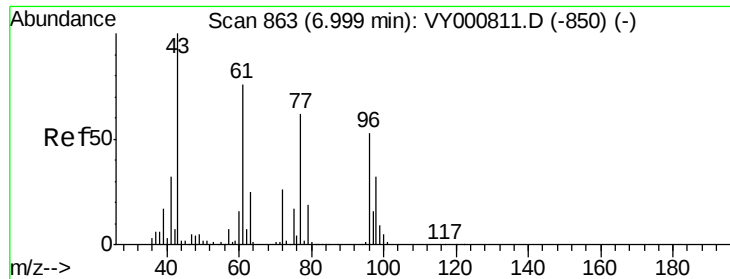
Tgt Ion: 77 Resp: 340480

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9





#27

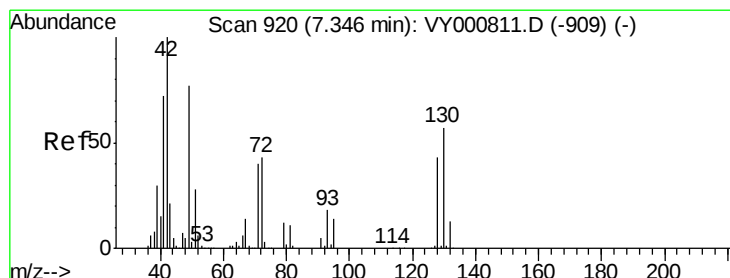
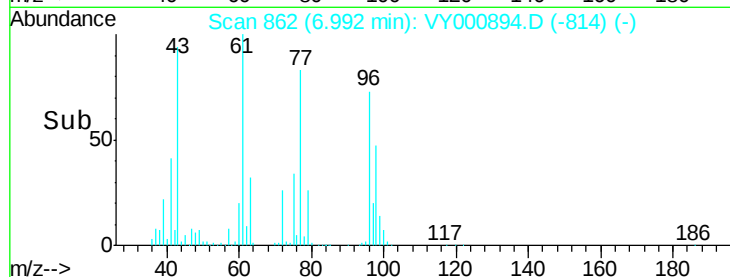
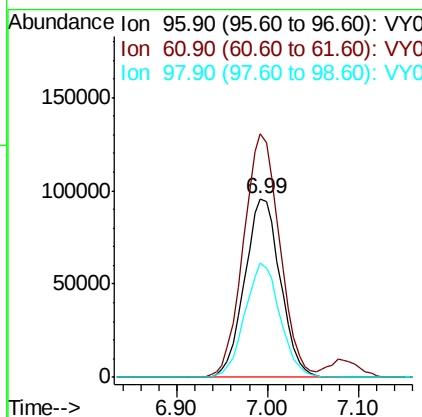
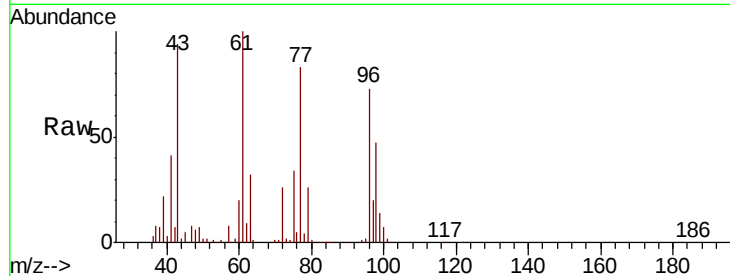
cis-1,2-Dichloroethene
Concen: 53.423 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	261463		
61	138.2	0.0	285.0	
98	63.0	0.0	128.0	

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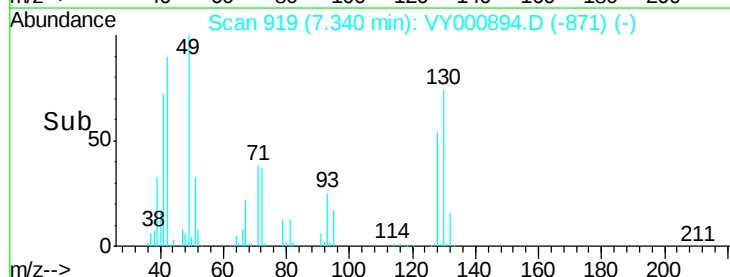
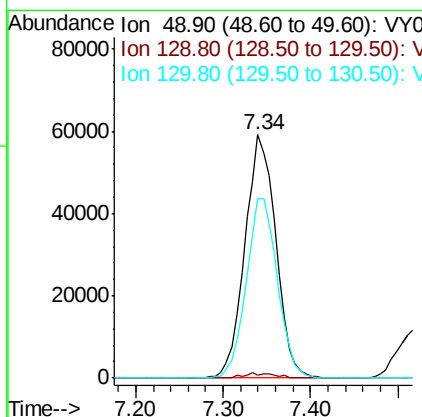
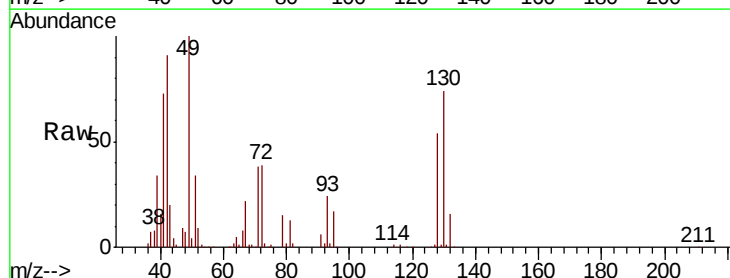
apatel
12/9/2019 11:24:06 AM

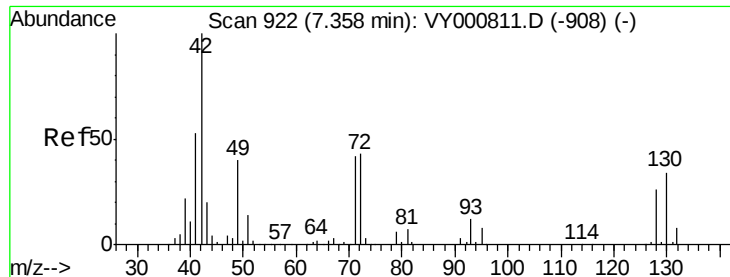


#28

Bromochloromethane
Concen: 51.190 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	145365		
129	2.1	0.0	3.8	
130	74.5	58.7	88.1	





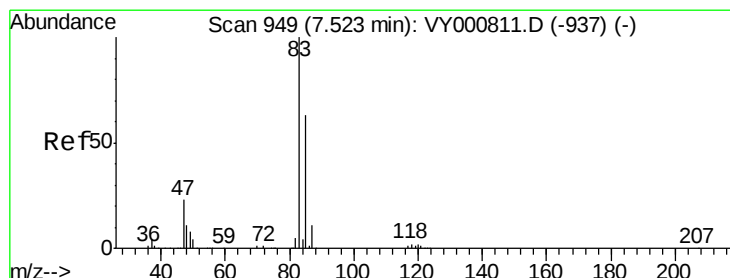
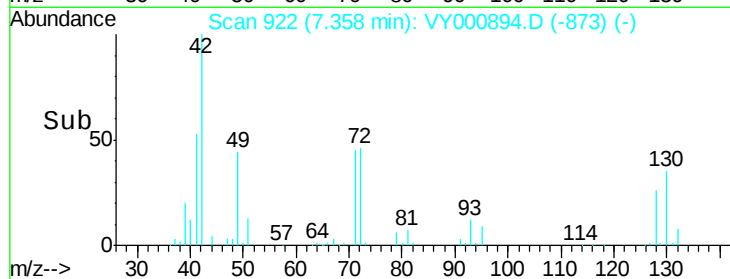
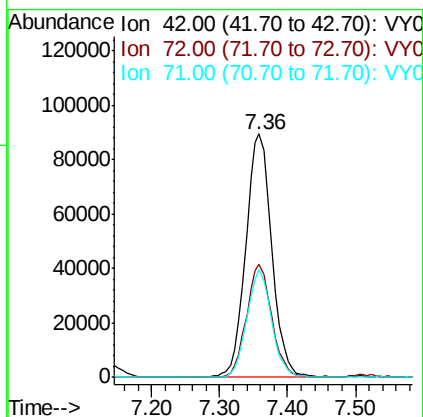
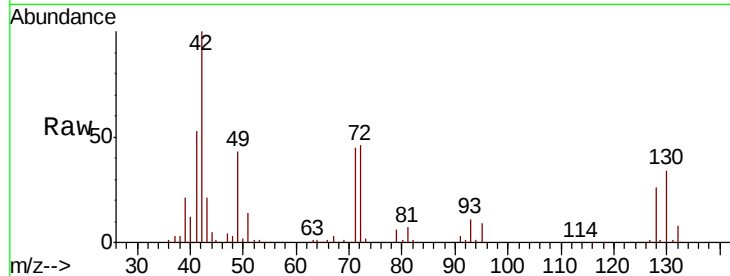
#29
Tetrahydrofuran
Concen: 220.059 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.1	52.7
71	41.9	32.8	49.2

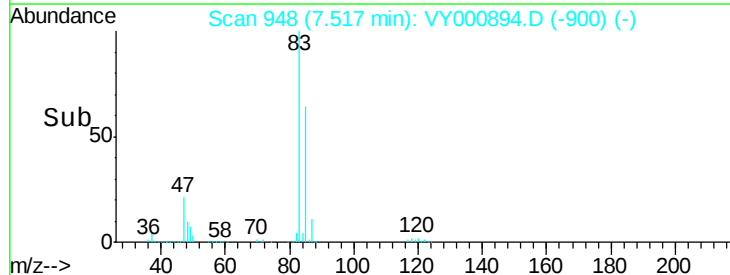
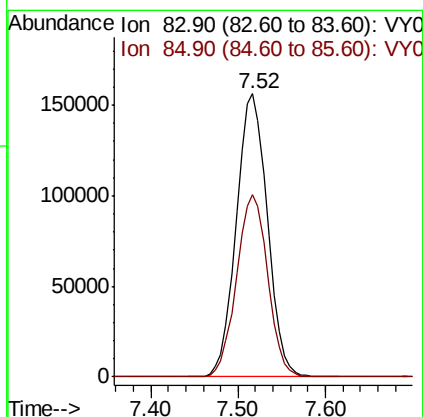
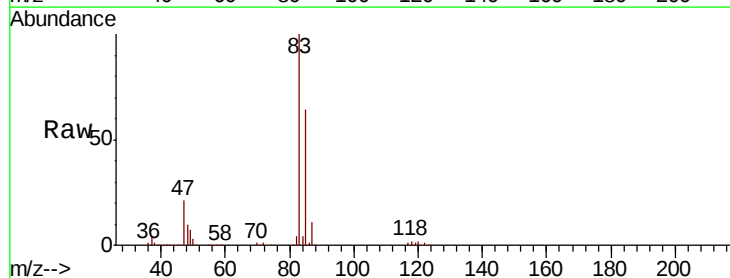
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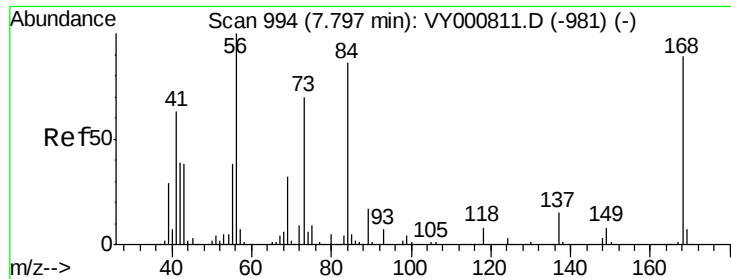
apatel
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#30
Chloroform
Concen: 49.603 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.4	75.6





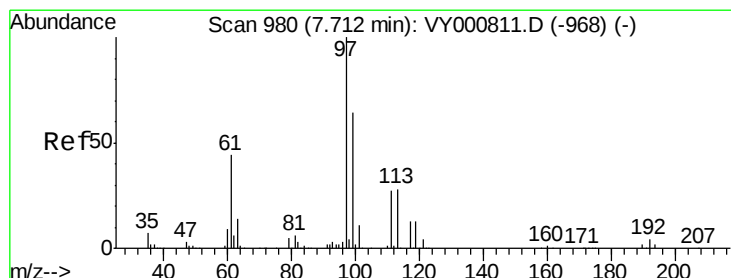
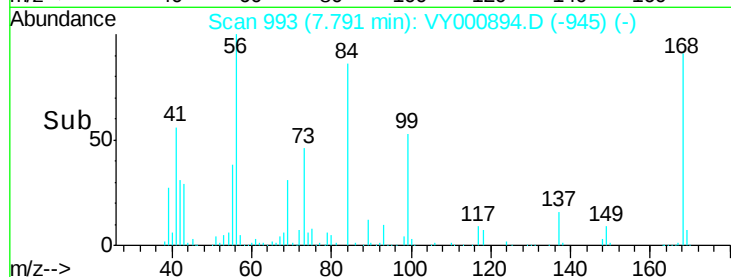
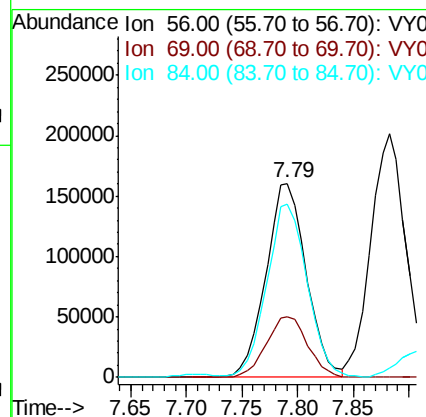
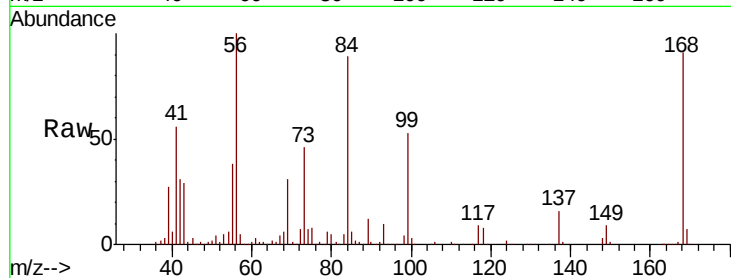
#31
Cyclohexane
Concen: 49.422 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.9	38.9
84	87.2	68.6	102.8

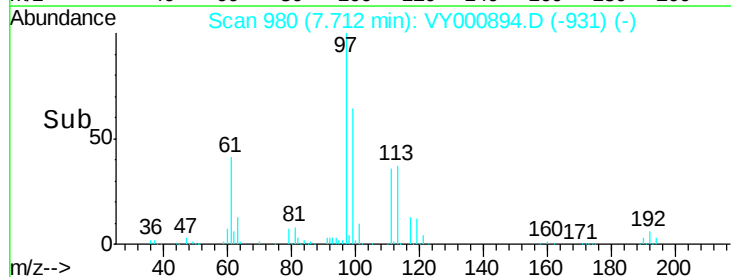
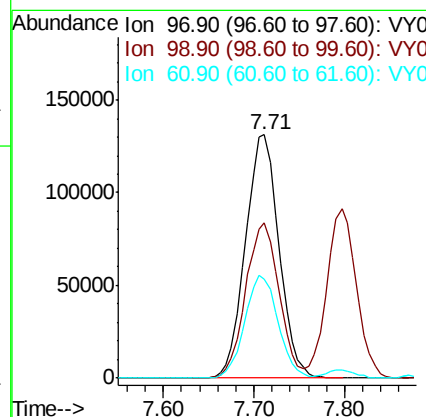
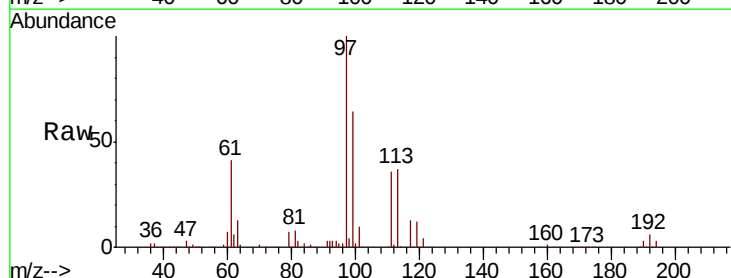
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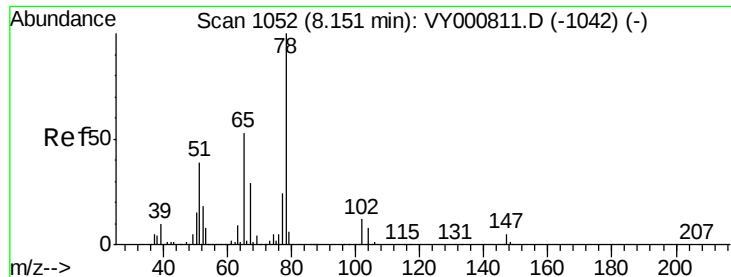
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#32
1,1,1-Trichloroethane
Concen: 52.452 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	41.9	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 44.012 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 169906

Ion Ratio Lower Upper

65 100

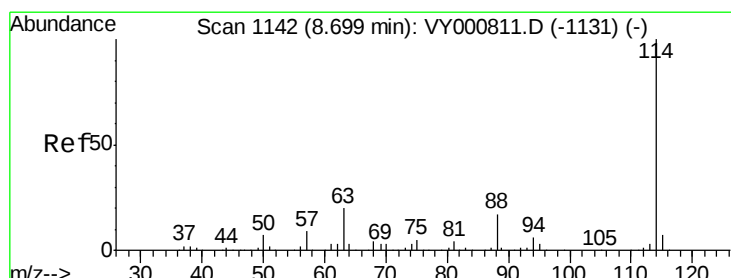
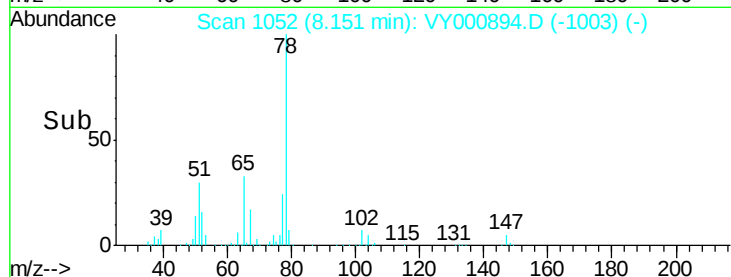
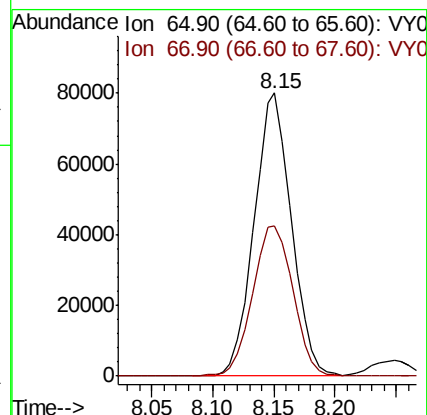
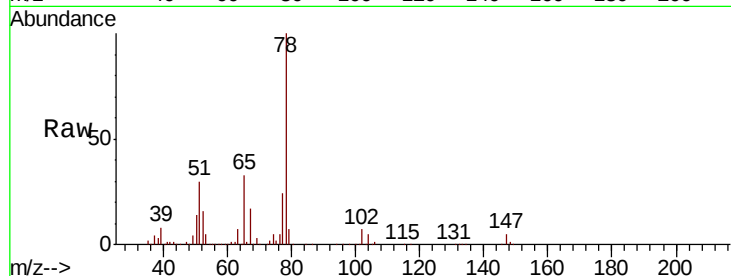
67 57.6 0.0 112.0

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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: VY000894.D

Acq: 06 Dec 2019 12:02

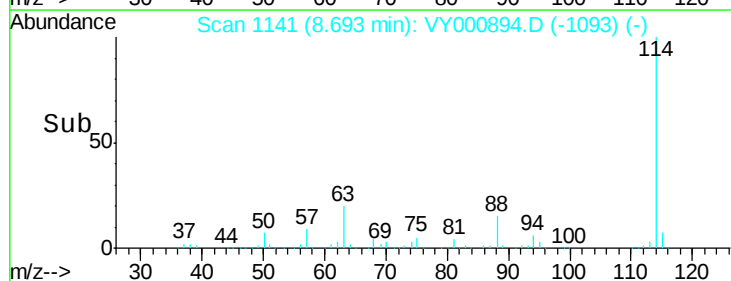
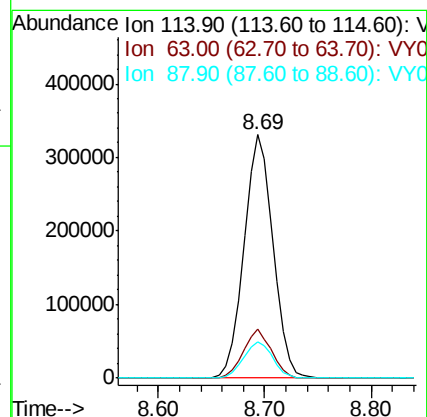
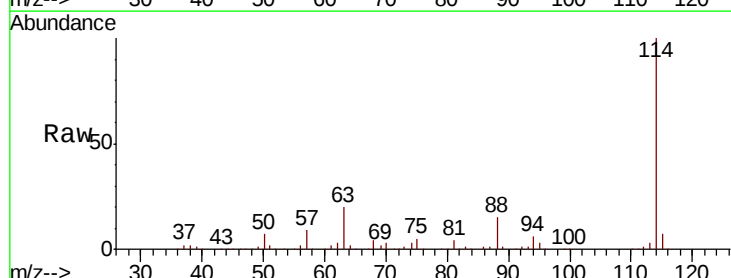
Tgt Ion: 114 Resp: 632537

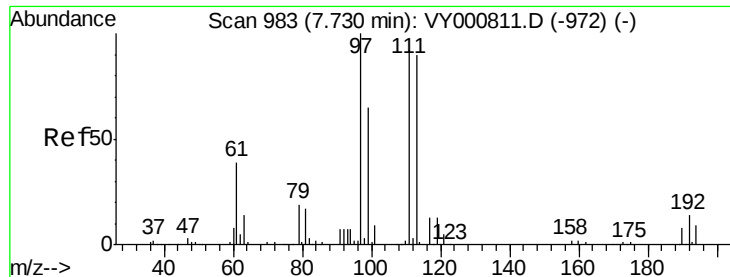
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 15.0 0.0 33.2





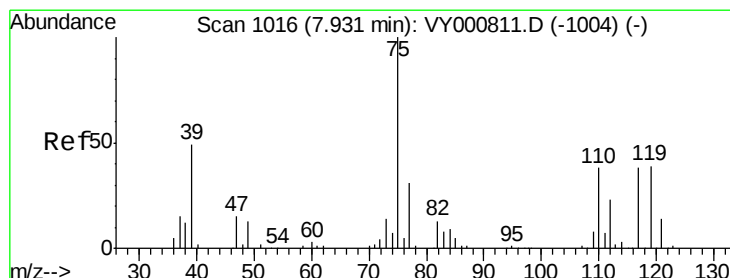
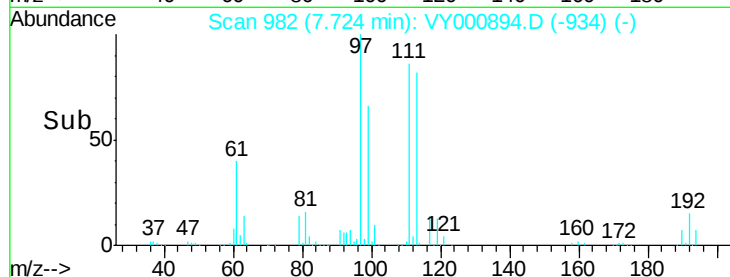
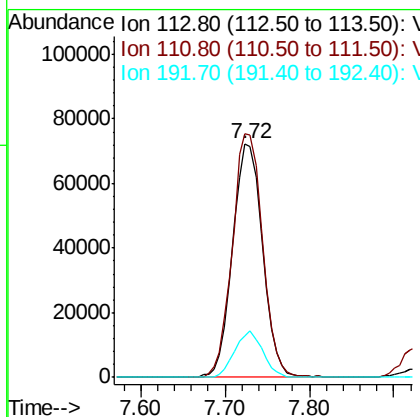
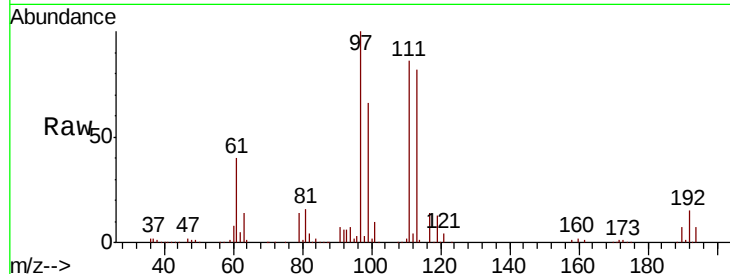
#35
Dibromofluoromethane
Concen: 47.147 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	173802		
111	105.1	82.4	123.6	
192	18.8	14.2	21.2	

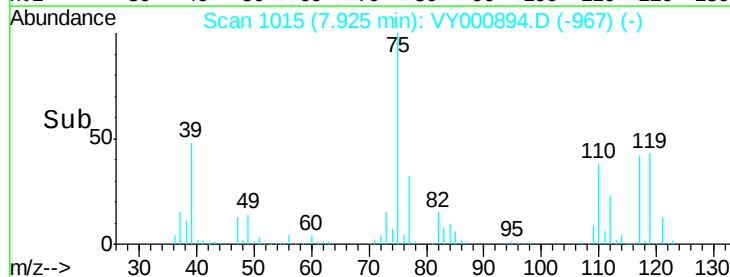
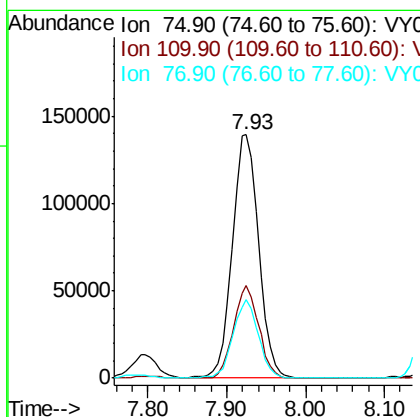
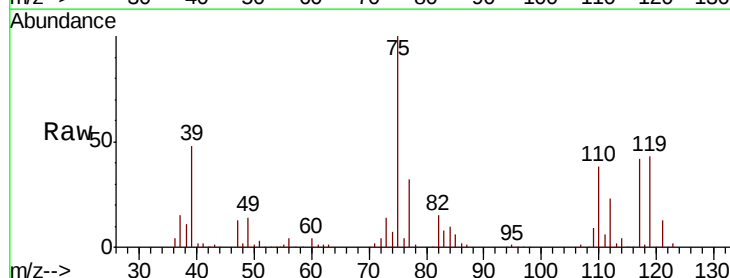
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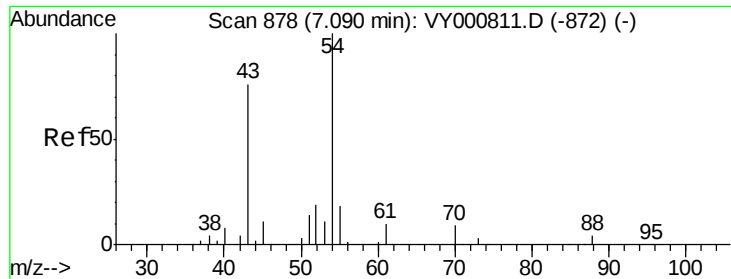
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#36
1,1-Dichloropropene
Concen: 51.447 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	323567		
110	36.1	17.9	53.7	
77	31.1	24.7	37.1	





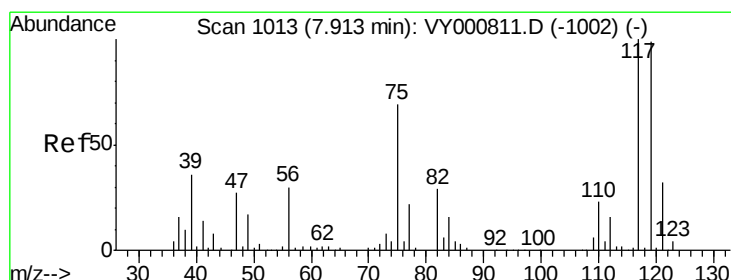
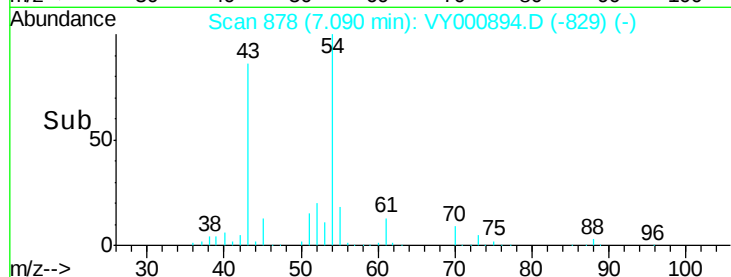
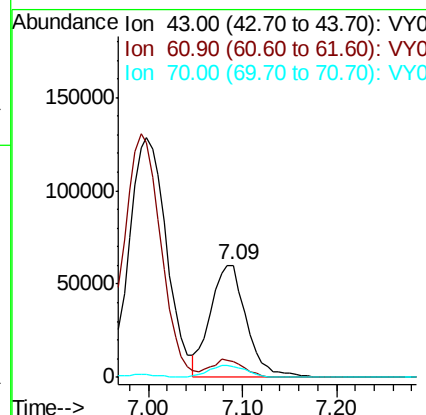
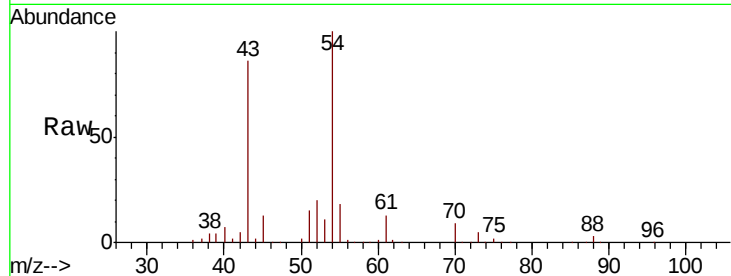
#37
Ethyl Acetate
Concen: 44.088 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.8	17.8
70	11.0	8.7	13.1

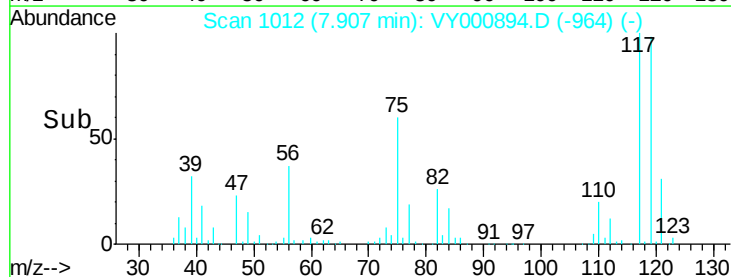
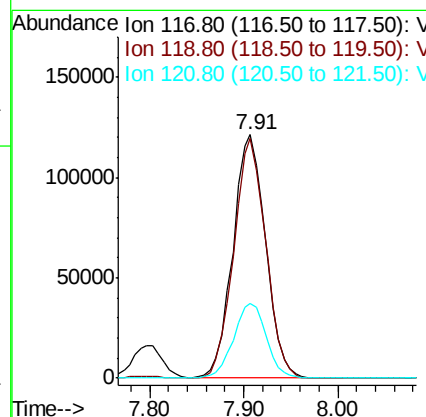
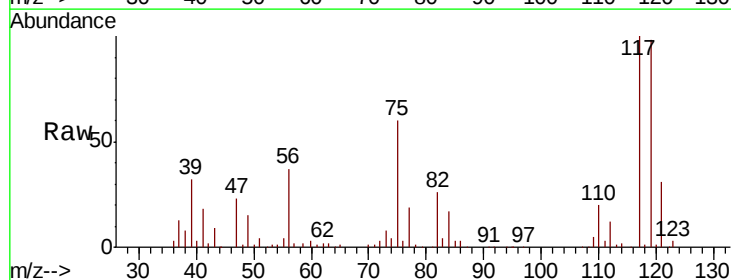
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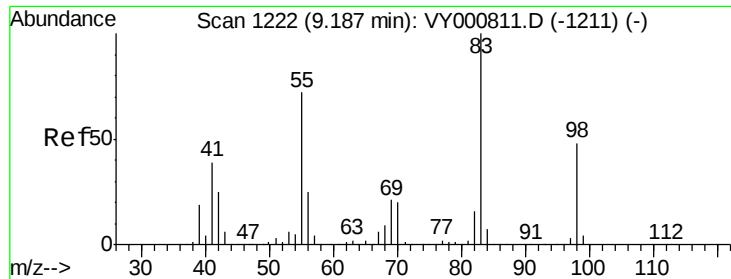
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#38
Carbon Tetrachloride
Concen: 52.289 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	79.3	118.9
121	30.5	25.5	38.3





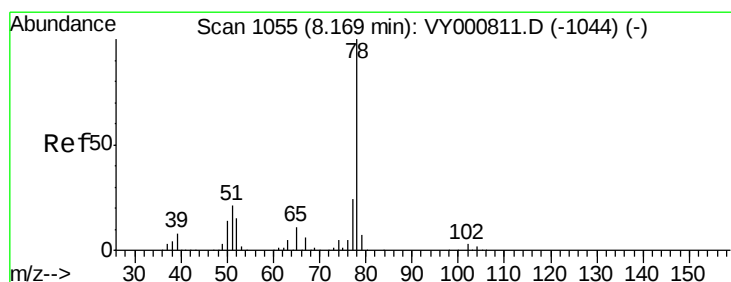
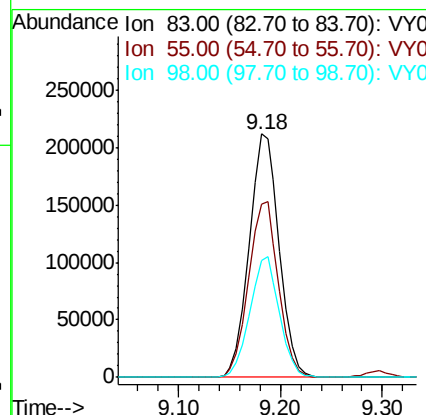
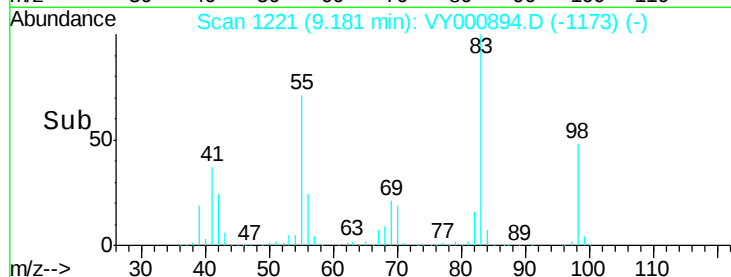
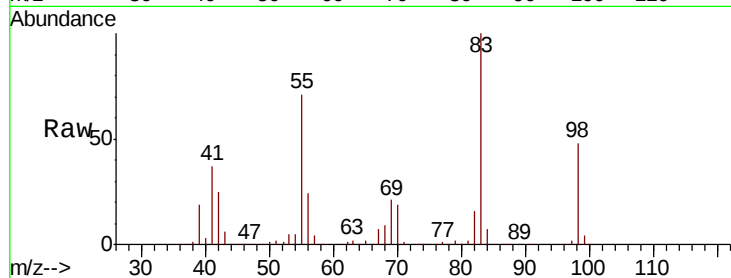
#39
Methvlcvclohexane
Concen: 51.831 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.3	57.8	86.6
98	48.1	38.6	58.0

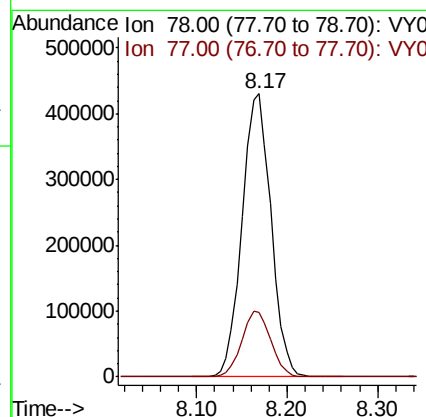
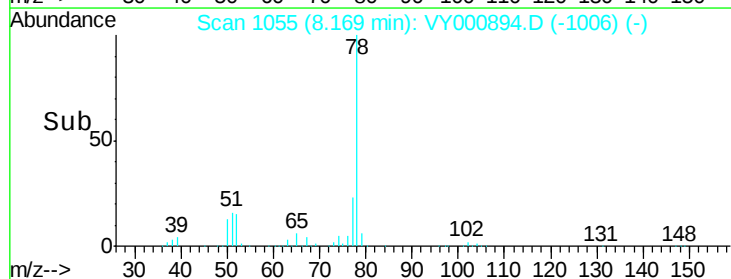
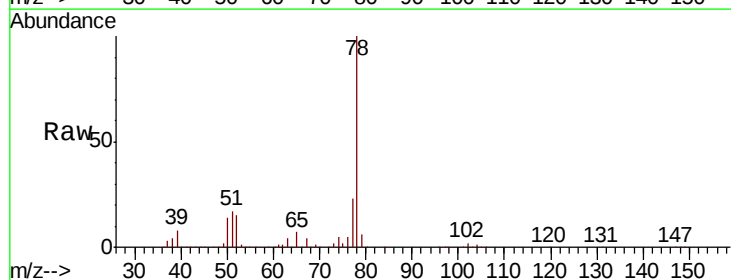
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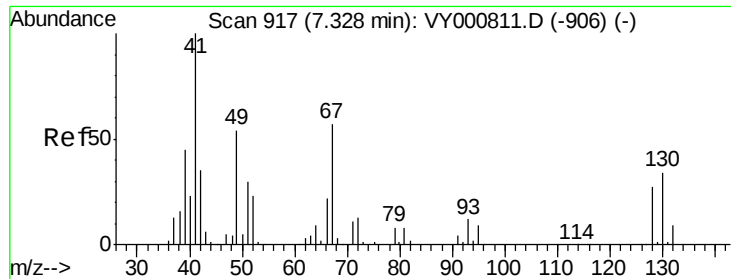
apatel
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#40
Benzene
Concen: 51.958 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8





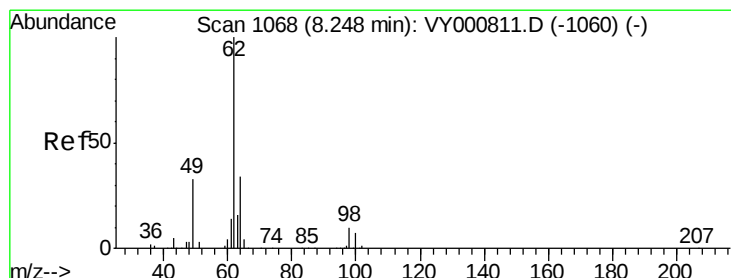
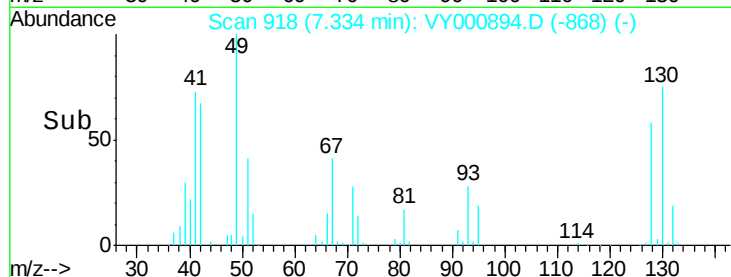
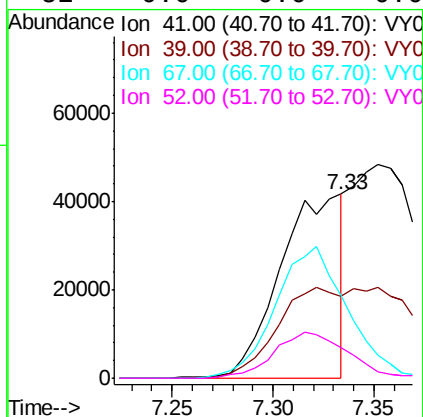
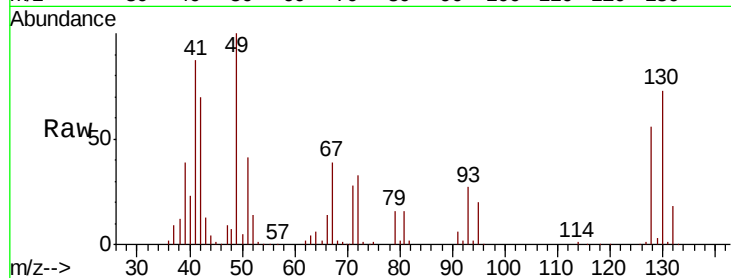
#41
Methacrylonitrile
Concen: 47.527 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	90968
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

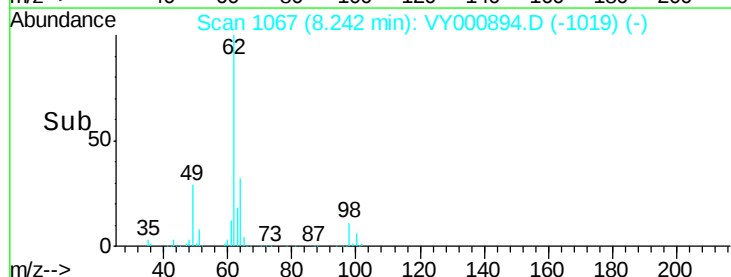
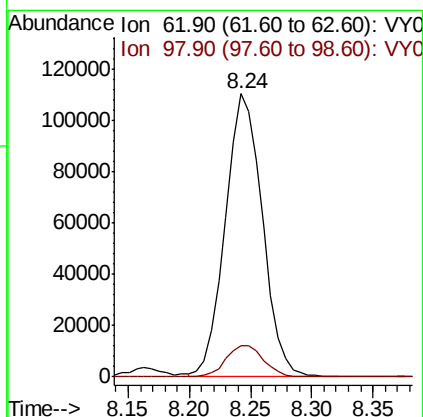
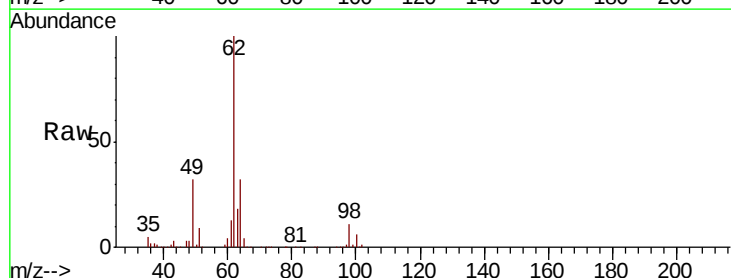
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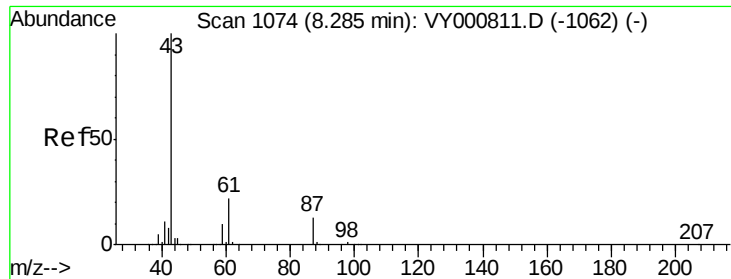
apatel
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#42
1,2-Dichloroethane
Concen: 48.118 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion:	62	Resp:	231828
Ion Ratio	Lower	Upper	
62	100		
98	11.2	0.0	21.4





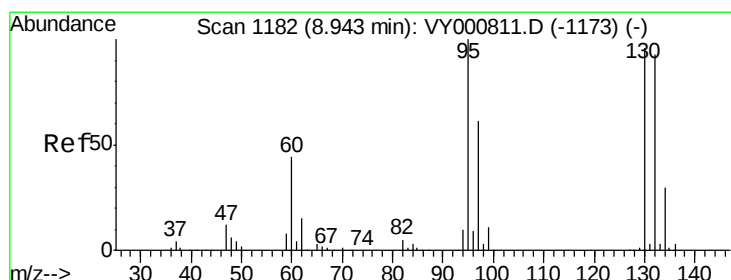
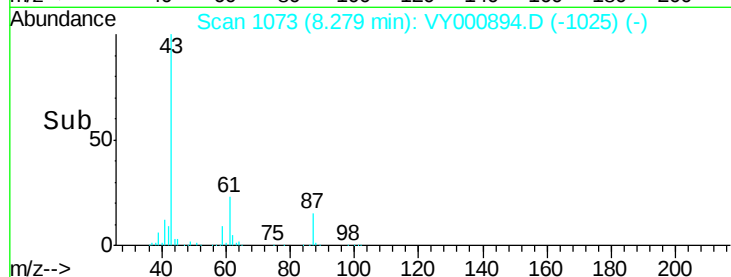
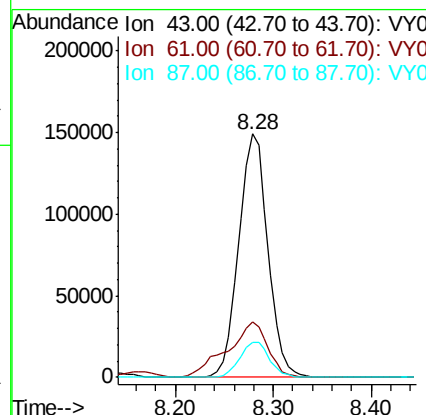
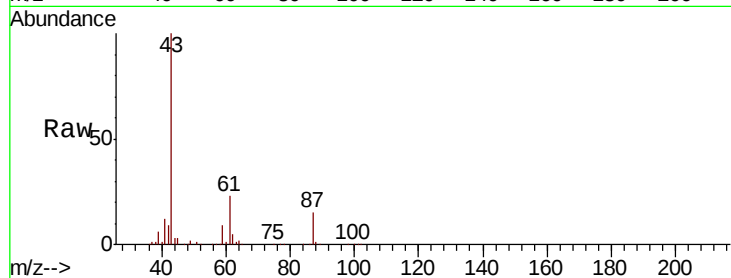
#43
Isopropyl Acetate
Concen: 45.027 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.6	23.7	35.5
87	14.8	10.6	15.8

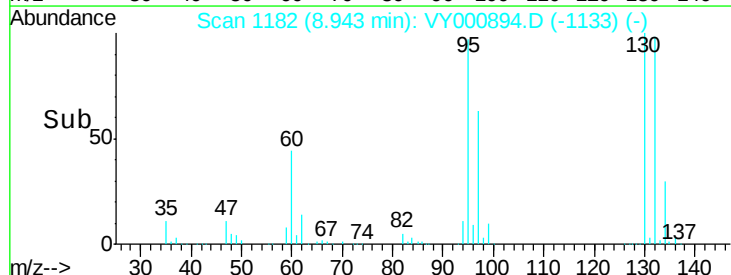
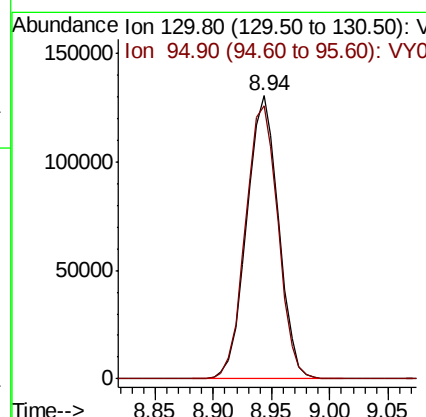
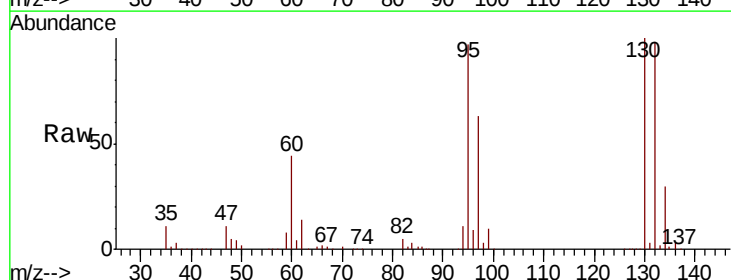
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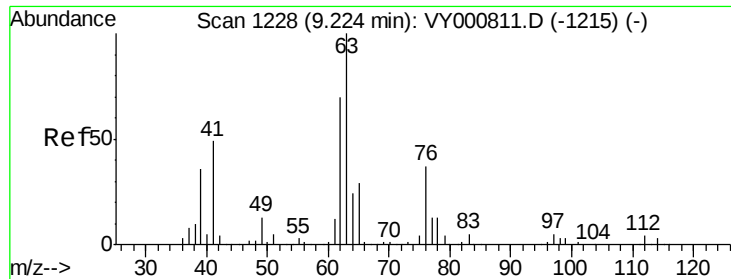
apatel
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#44
Trichloroethene
Concen: 53.059 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	207.8





#45

1,2-Dichloropropane

Concen: 51.837 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 238532

Ion Ratio Lower Upper

63 100

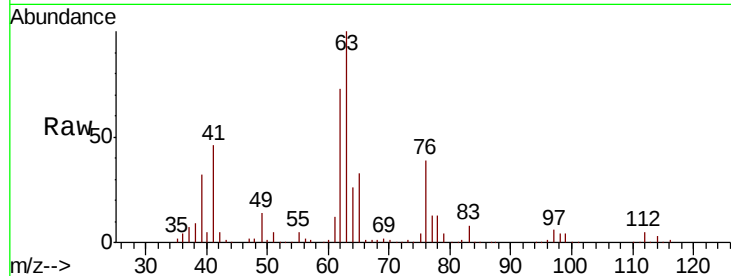
65 32.8 23.2 34.8

Manual Integrations

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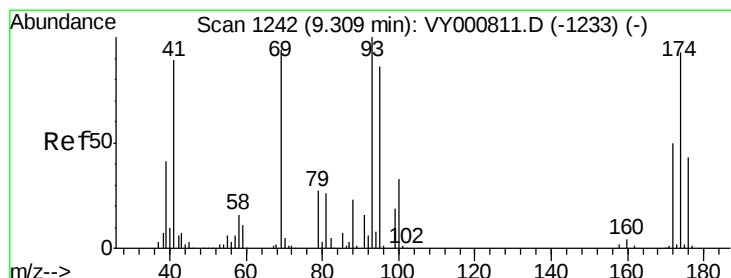
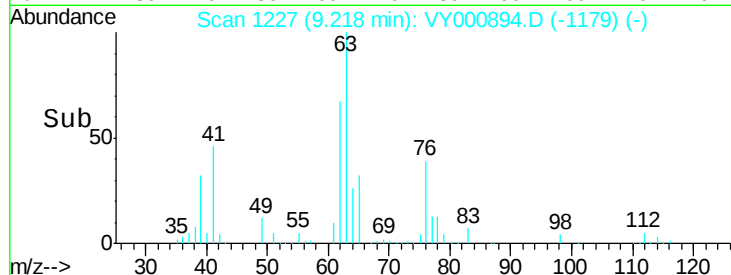
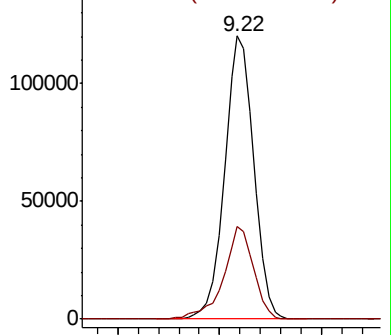
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 49.906 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

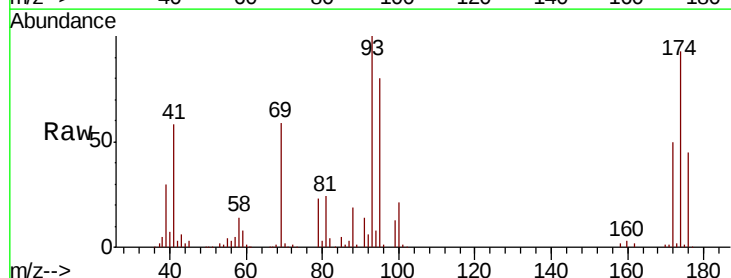
Tgt Ion: 93 Resp: 119988

Ion Ratio Lower Upper

93 100

95 83.3 66.4 99.6

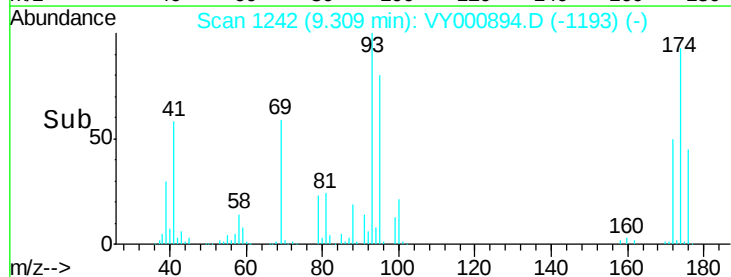
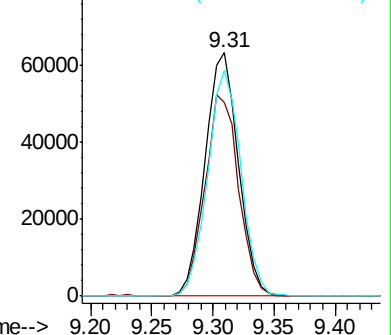
174 92.4 73.0 109.6

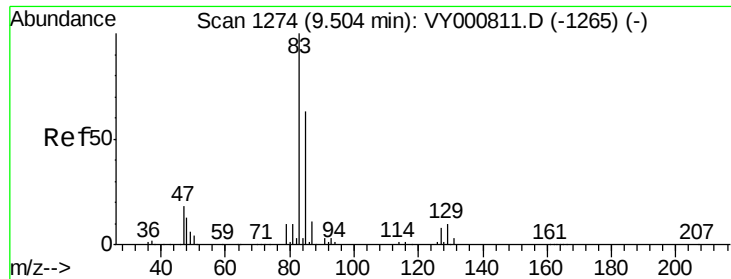


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 51.937 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

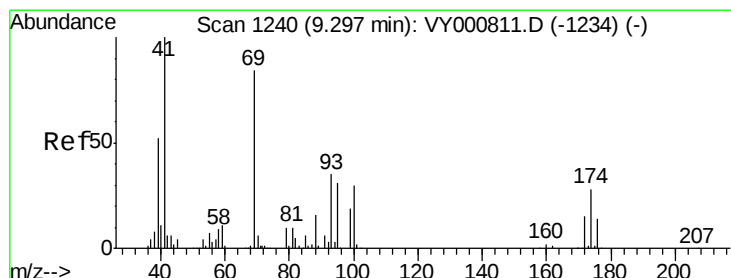
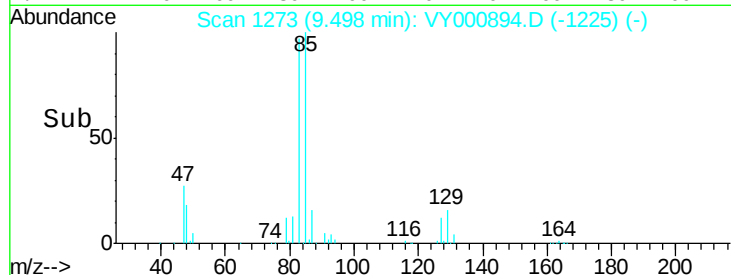
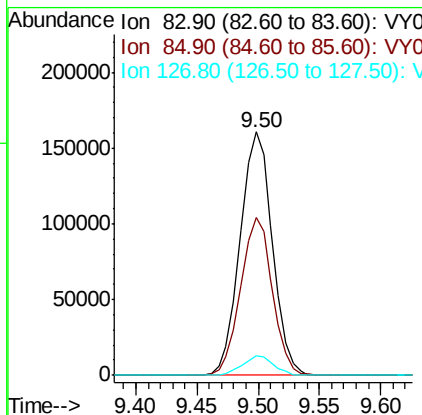
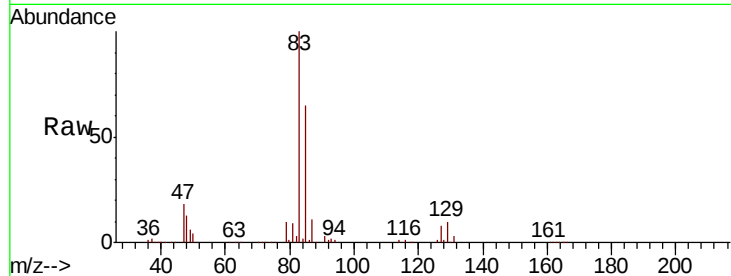
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	293345
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.8	76.2
127	7.9	6.6	10.0

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#48

Methyl methacrylate

Concen: 45.148 ug/l

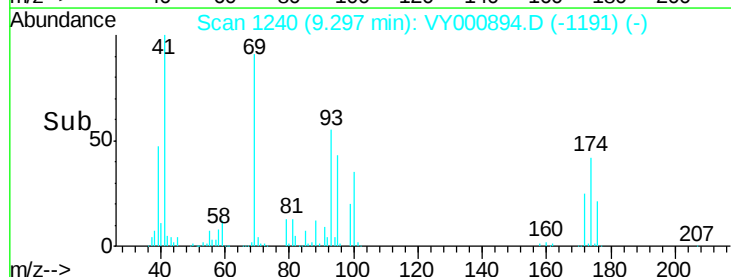
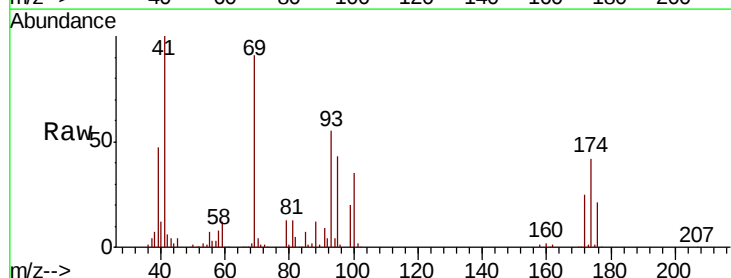
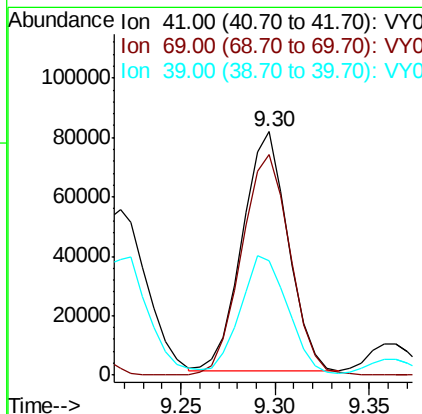
RT: 9.30 min Scan# 1240

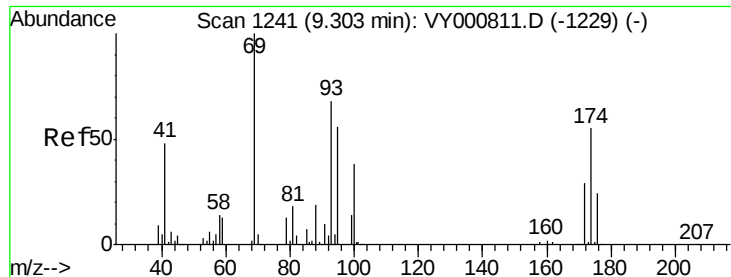
Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Tgt Ion:	41	Resp:	135866
Ion Ratio	Lower	Upper	
41	100		
69	97.8	70.4	105.6
39	50.3	40.9	61.3





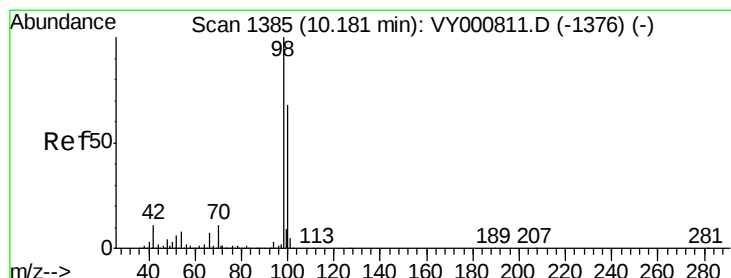
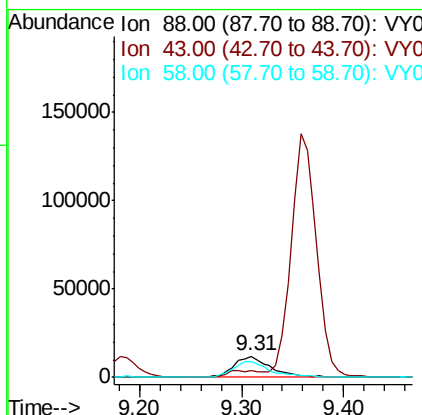
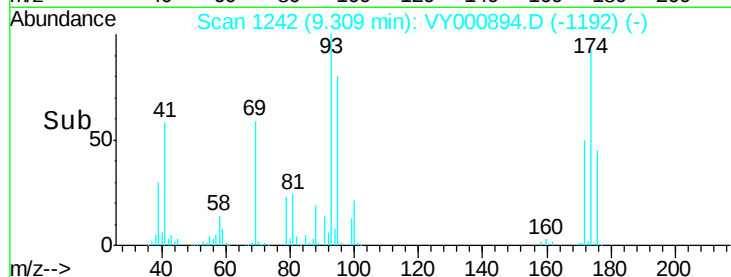
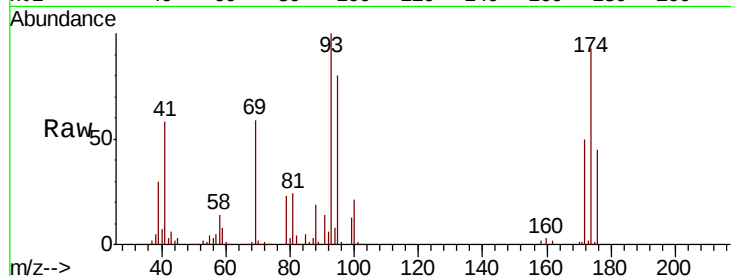
#49
1,4-Dioxane
Concen: 883.699 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.4	21.1	31.7
58	76.4	50.7	76.1

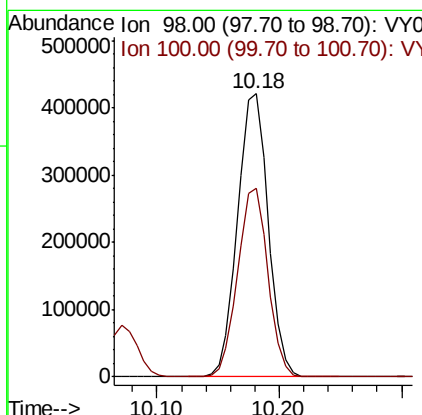
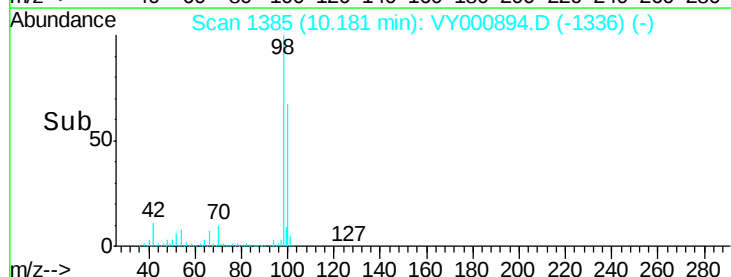
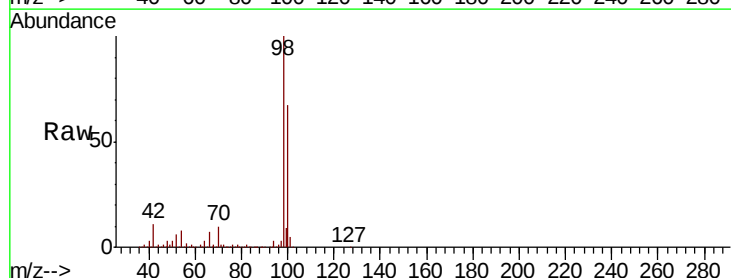
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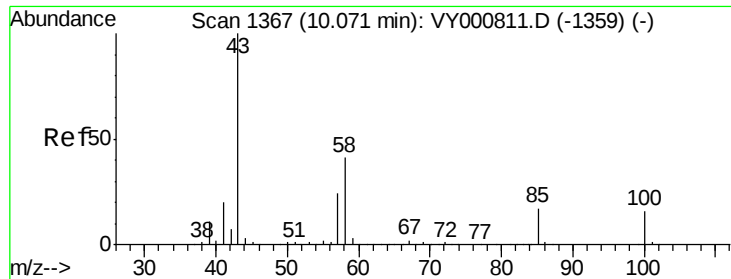
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#50
Toluene-d8
Concen: 49.762 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 226.178 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 799745

Ion Ratio Lower Upper

43 100

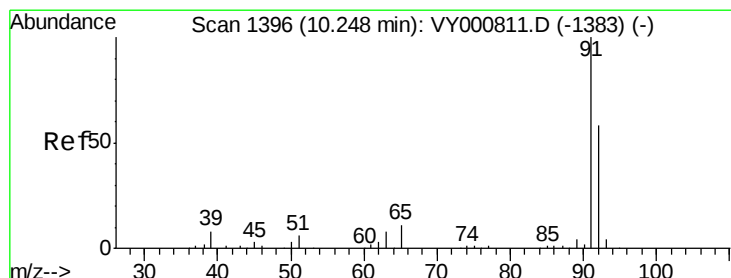
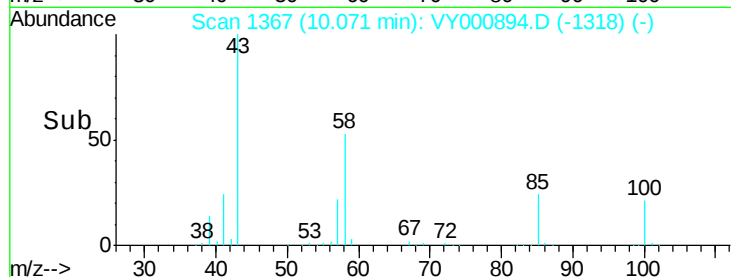
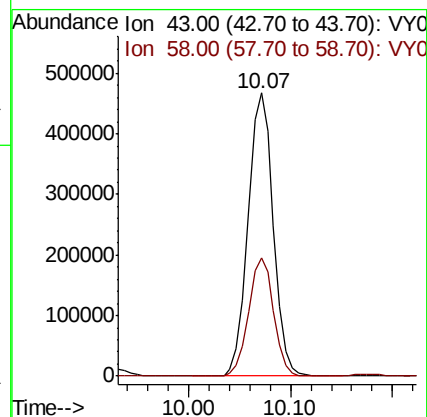
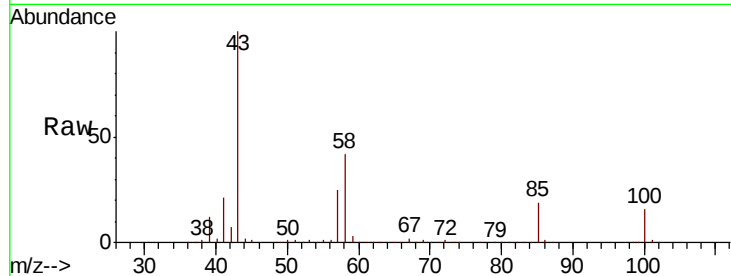
58 41.7 33.1 49.7

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#52

Toluene

Concen: 51.952 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000894.D

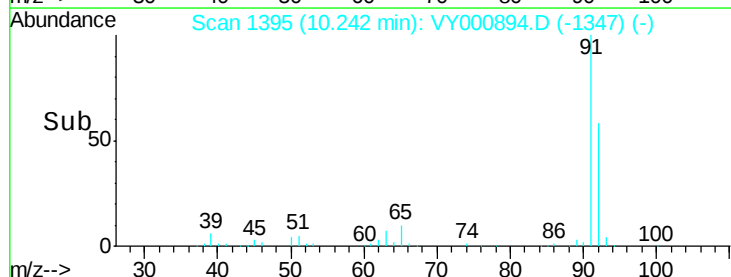
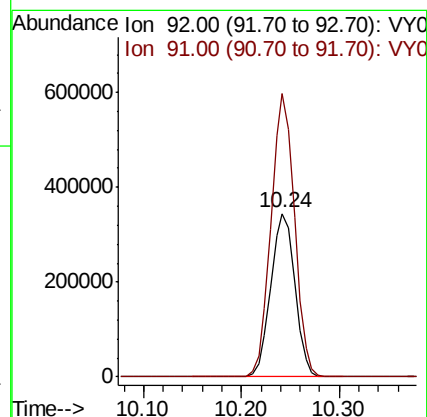
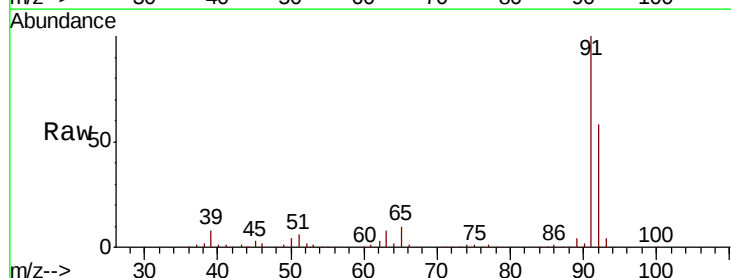
Acq: 06 Dec 2019 12:02

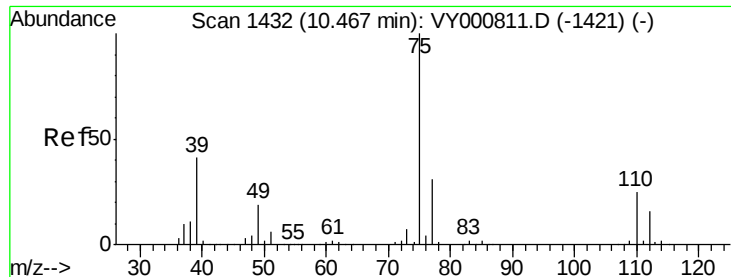
Tgt Ion: 92 Resp: 589276

Ion Ratio Lower Upper

92 100

91 169.2 136.6 204.8





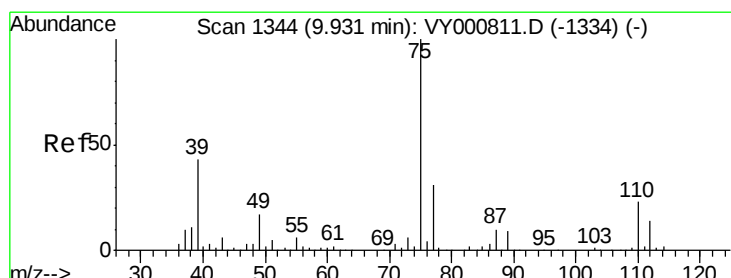
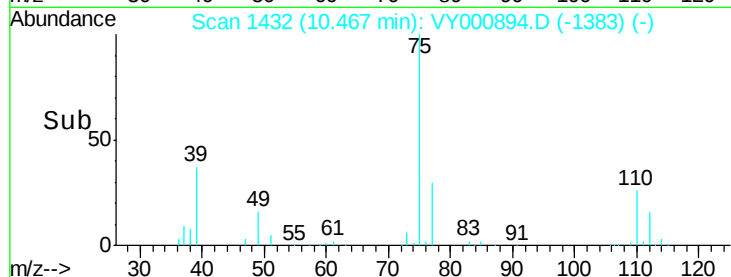
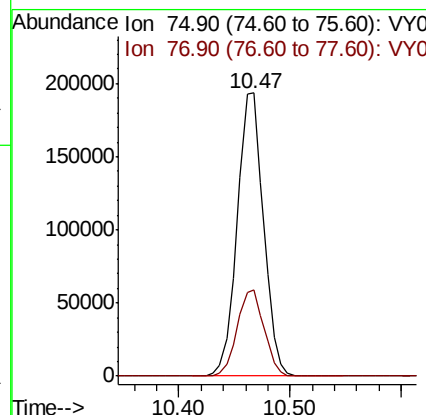
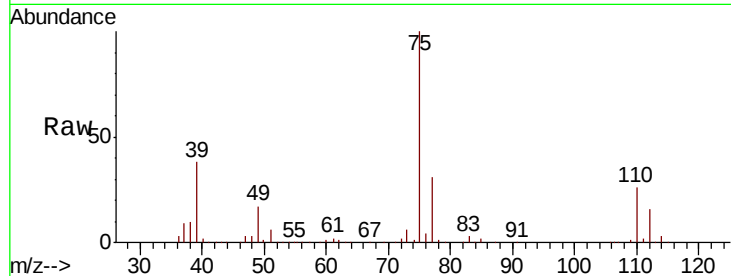
#53
 t-1,3-Dichloropropene
 Concen: 52.074 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 315989
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.1 37.7

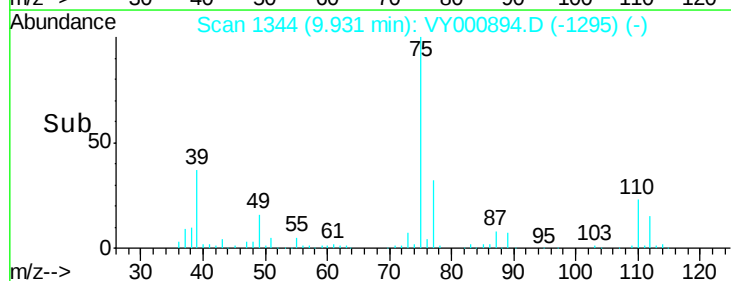
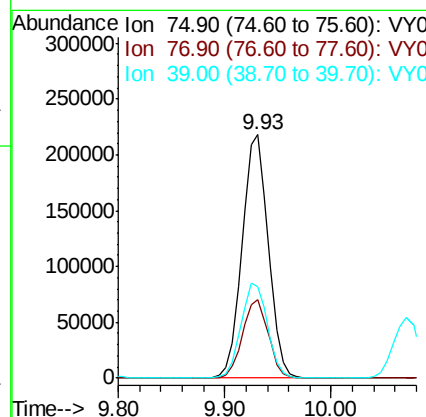
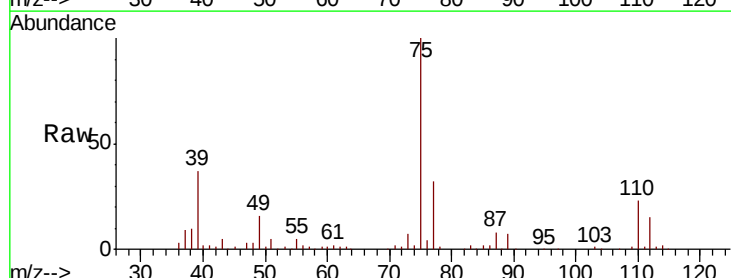
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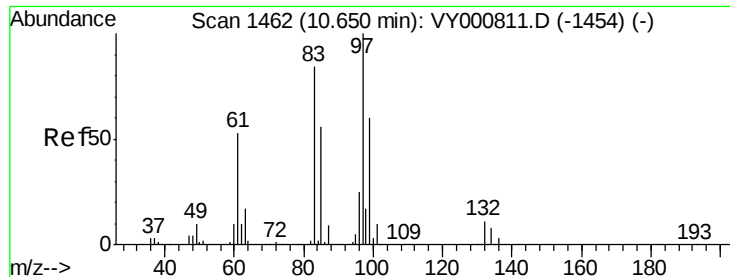
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#54
 cis-1,3-Dichloropropene
 Concen: 52.398 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion: 75 Resp: 375823
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.7 37.1
 39 37.3 34.5 51.7





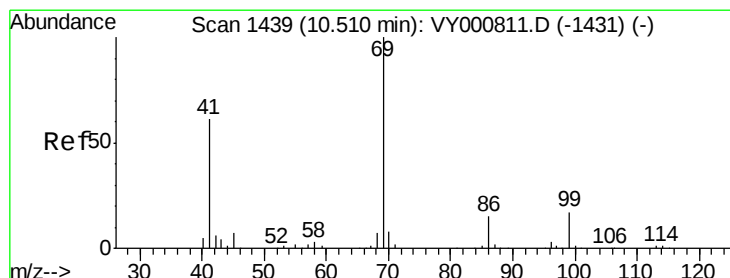
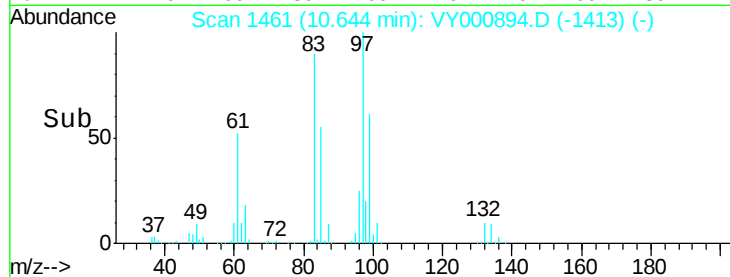
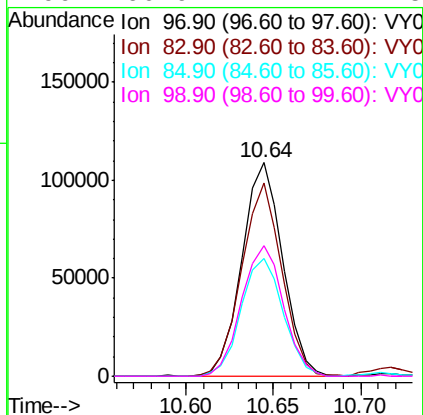
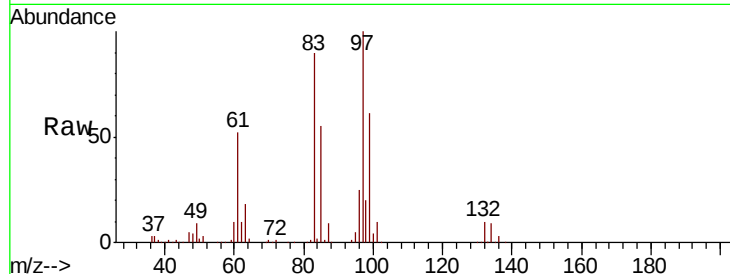
#55
 1,1,2-Trichloroethane
 Concen: 49.897 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	177243
Ion	Ratio	Lower	Upper
97	100		
83	90.4	67.5	101.3
85	55.1	44.5	66.7
99	60.9	47.7	71.5

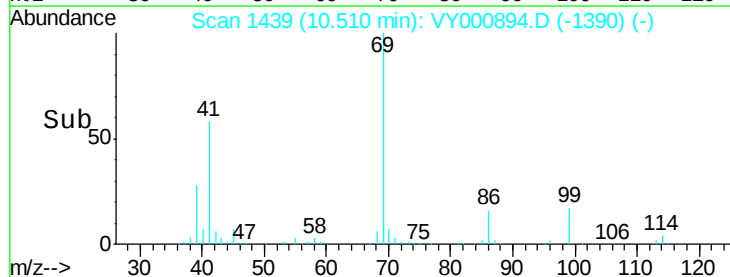
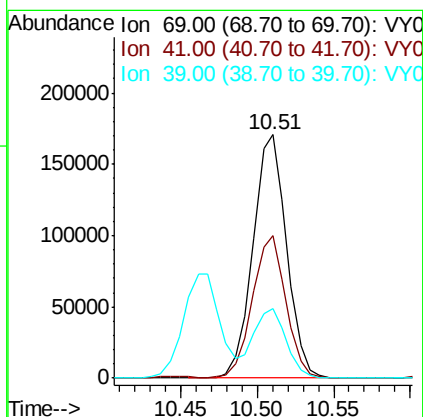
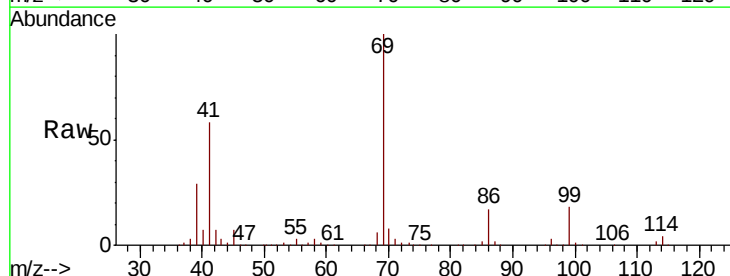
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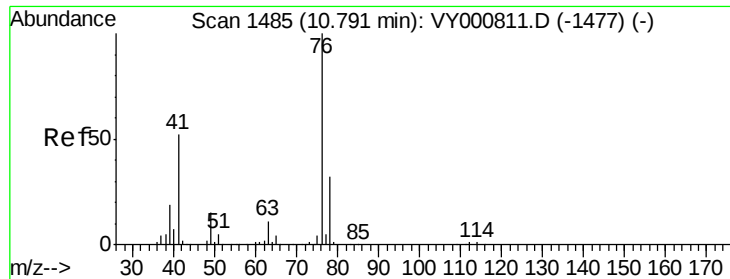
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#56
 Ethyl methacrylate
 Concen: 51.133 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion:	69	Resp:	259834
Ion	Ratio	Lower	Upper
69	100		
41	58.1	49.0	73.6
39	28.4	23.1	34.7





#57

1,3-Dichloropropane

Concen: 50.816 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 314603

Ion Ratio Lower Upper

76 100

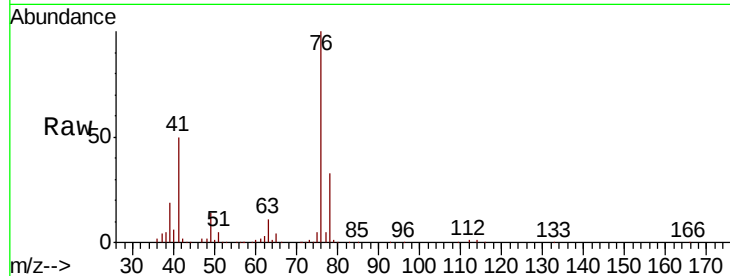
78 31.7 26.4 39.6

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

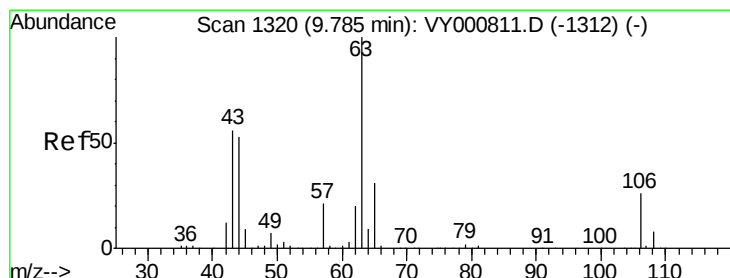
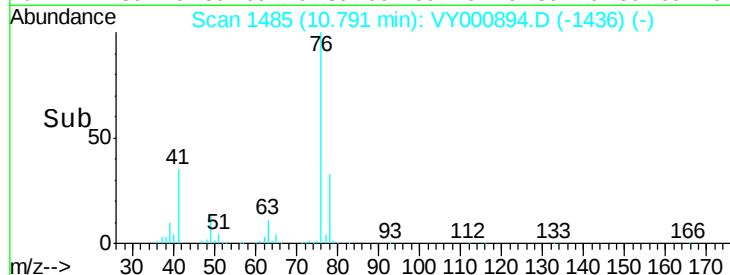
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 217.824 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000894.D

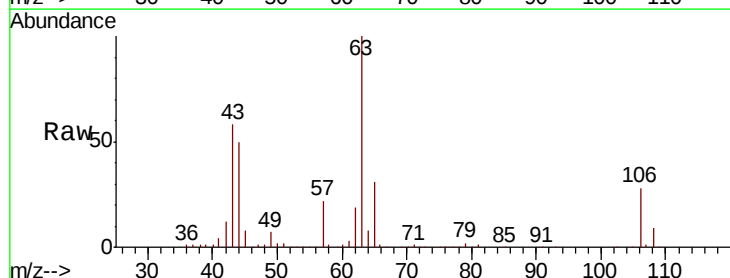
Acq: 06 Dec 2019 12:02

Tgt Ion: 63 Resp: 446307

Ion Ratio Lower Upper

63 100

106 27.4 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

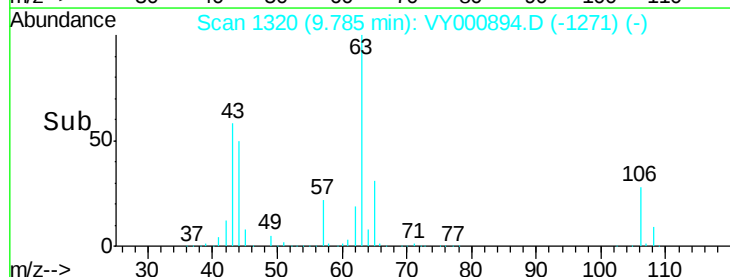
150000

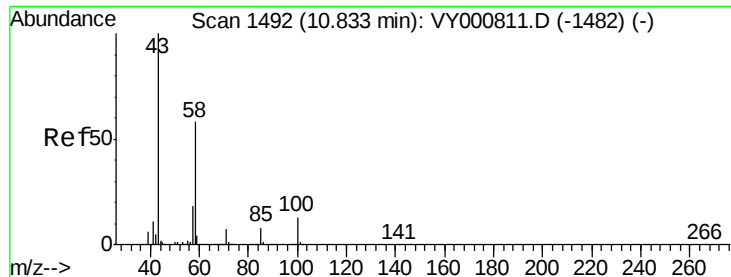
100000

50000

0

Time-->





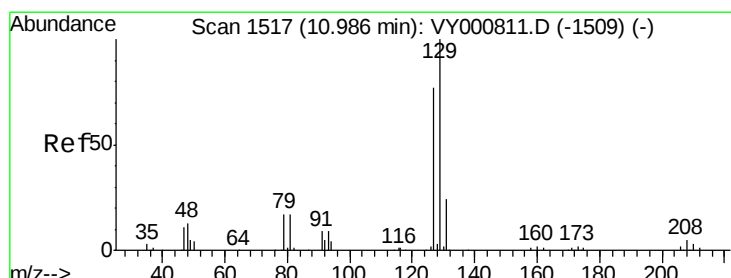
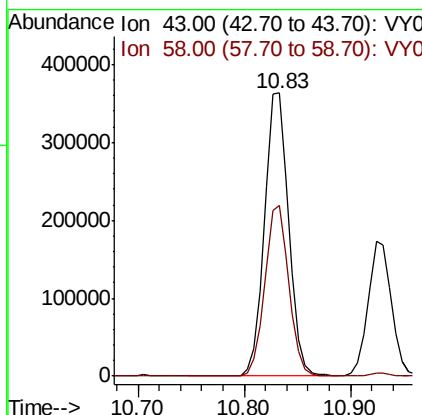
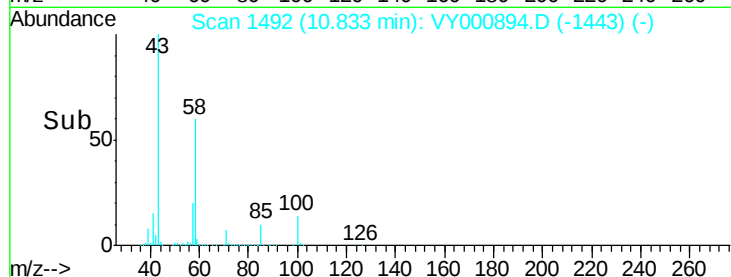
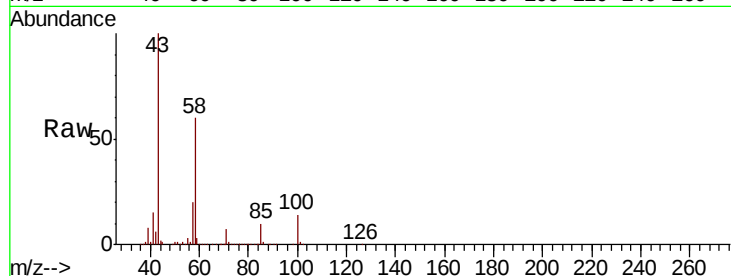
#59
2-Hexanone
Concen: 224.835 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.8	29.0	87.1

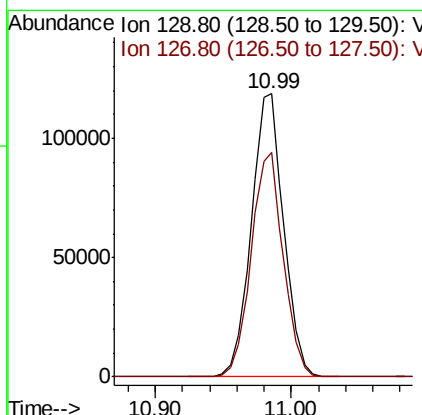
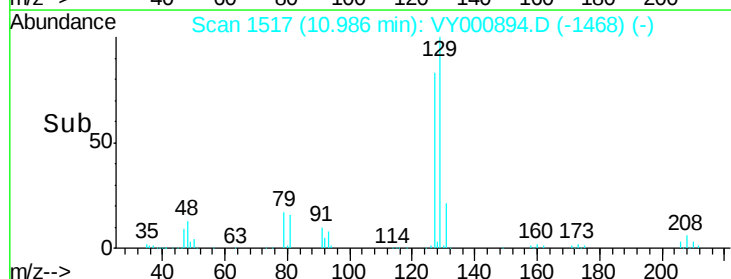
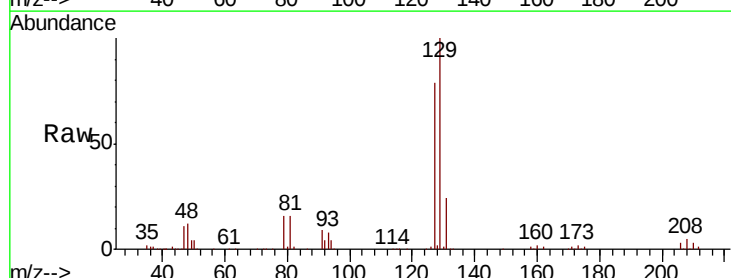
Manual Integrations
APPROVED

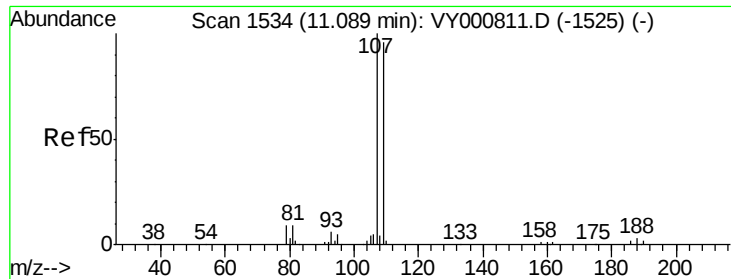
apatel
12/9/2019 11:24:06 AM



#60
Dibromochloromethane
Concen: 51.605 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.1	117.2





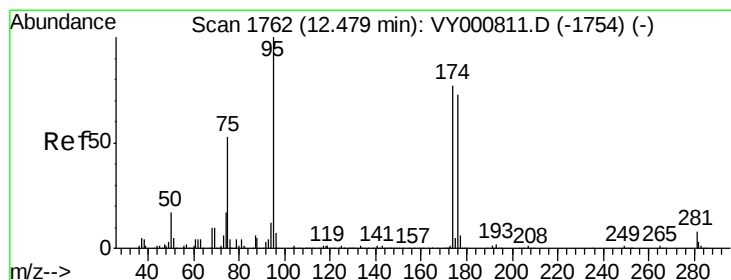
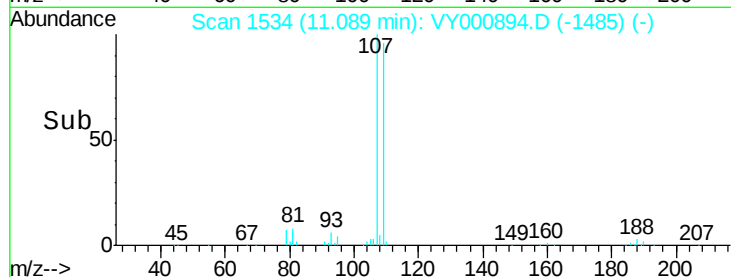
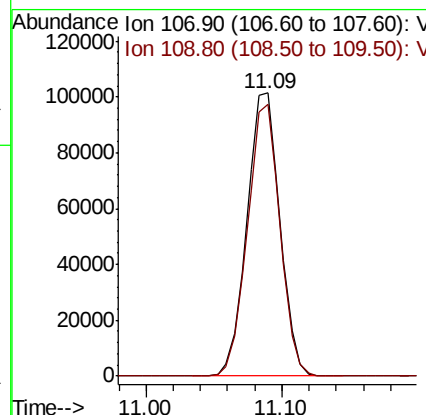
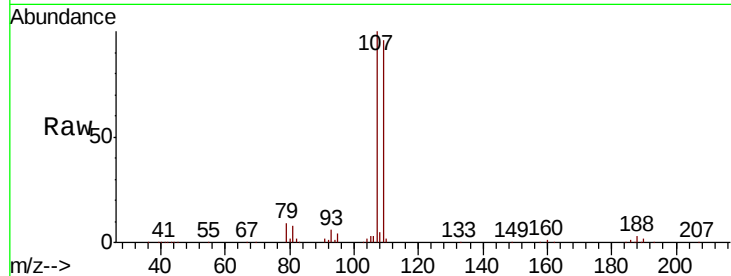
#61
 1,2-Dibromoethane
 Concen: 51.336 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

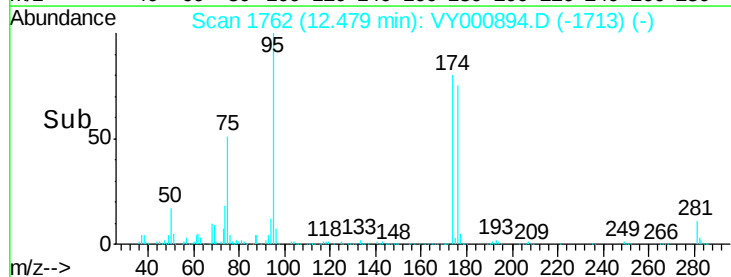
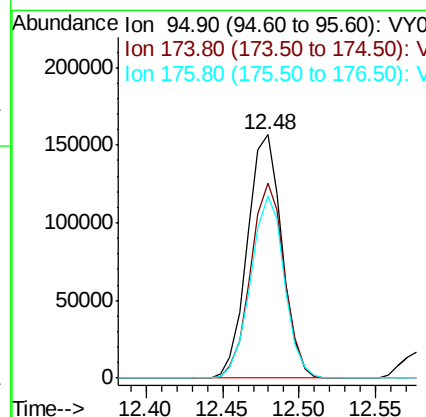
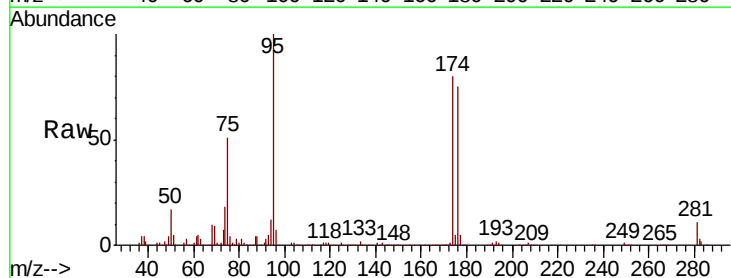
Manual Integrations
 APPROVED

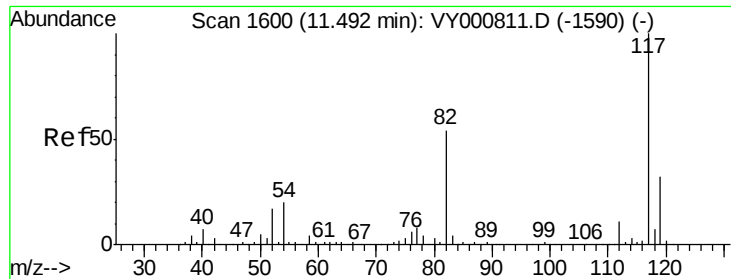
apatel
 12/9/2019 11:24:06 AM



#62
 4-Bromofluorobenzene
 Concen: 44.324 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	150.6
176	73.3	0.0	145.2





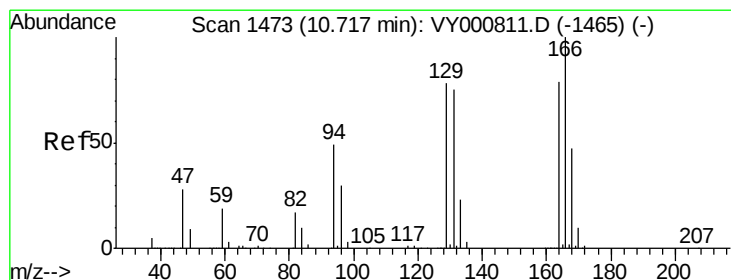
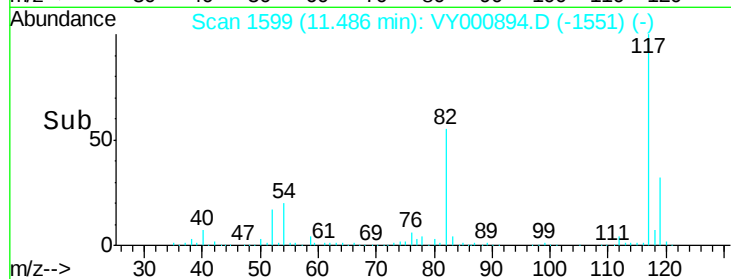
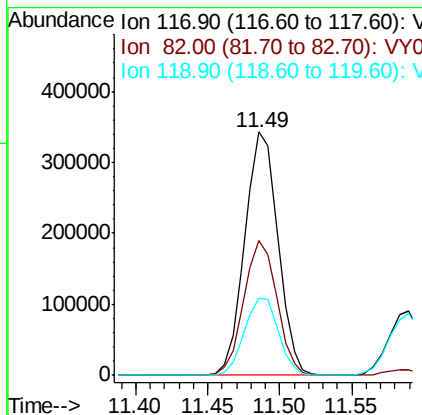
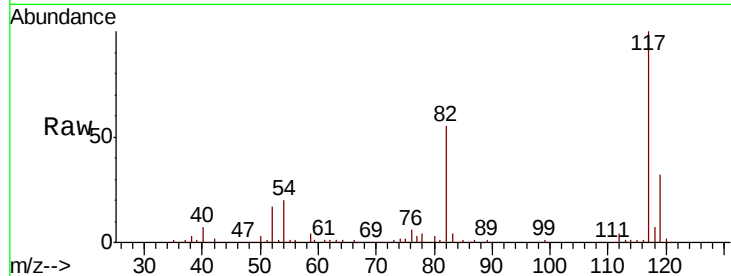
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.1	64.7
119	32.0	25.3	37.9

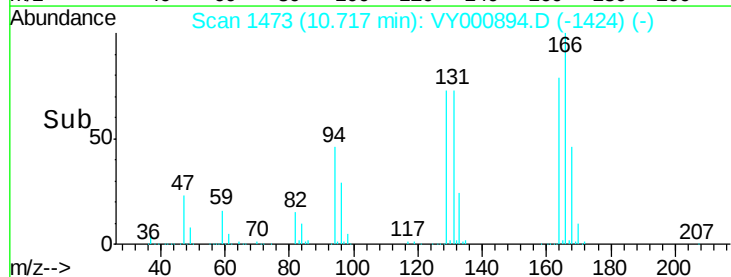
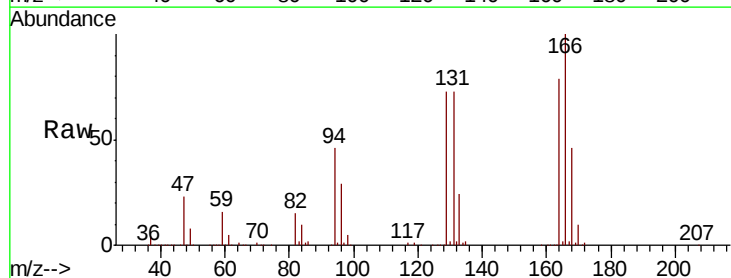
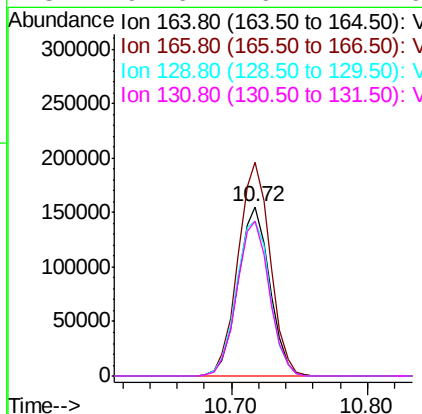
Manual Integrations
APPROVED

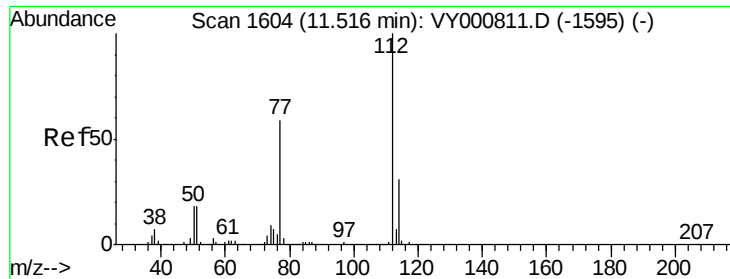
apatel
12/9/2019 11:24:06 AM



#64
Tetrachloroethene
Concen: 53.140 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.8	152.8
129	91.4	79.3	118.9
131	91.6	76.4	114.6





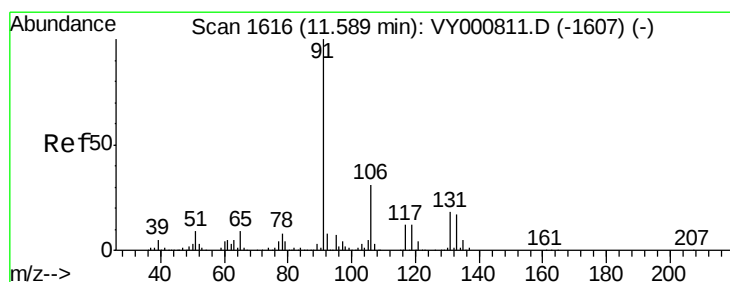
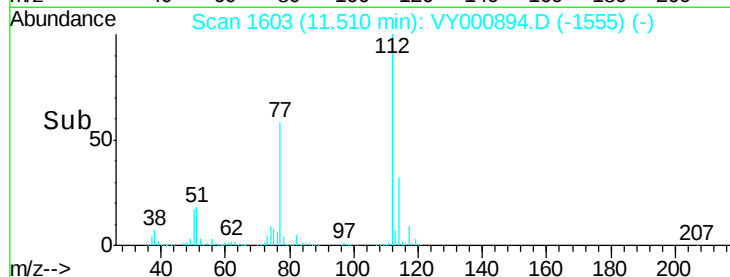
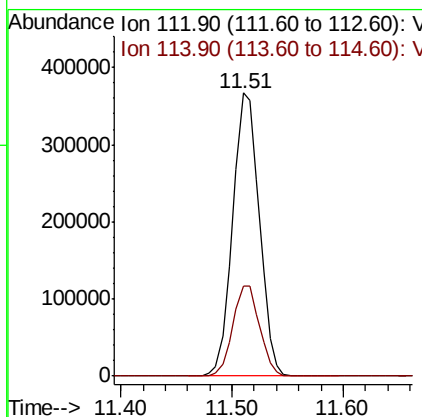
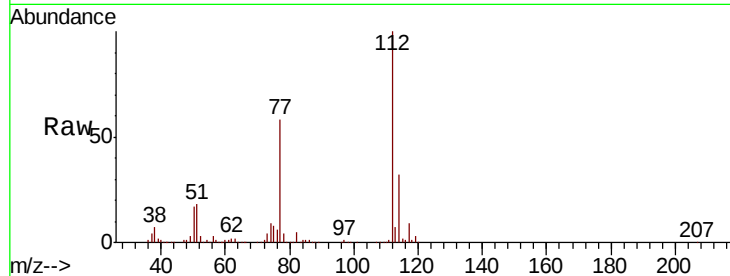
#65
Chlorobenzene
Concen: 53.245 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.1	37.7

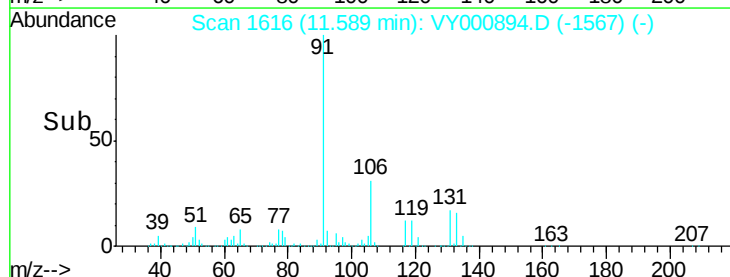
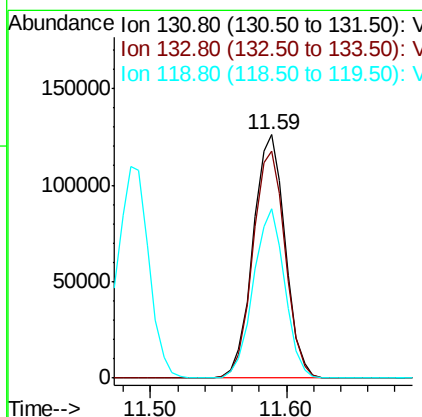
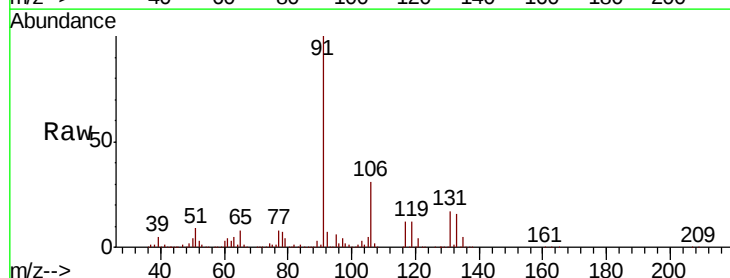
Manual Integrations
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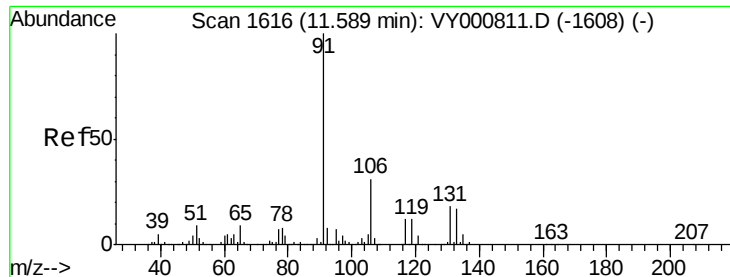
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.539 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.4	142.2
119	67.9	33.8	101.3





#67

Ethyl Benzene

Concen: 53.390 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1131452

Ion Ratio Lower Upper

91 100

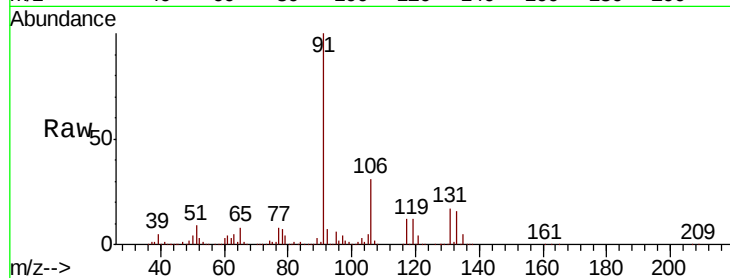
106 30.8 24.4 36.6

Manual Integrations

APPROVED

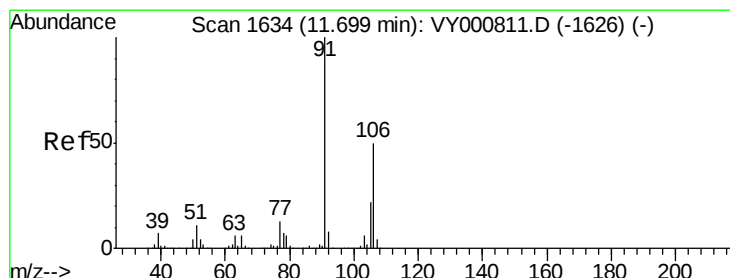
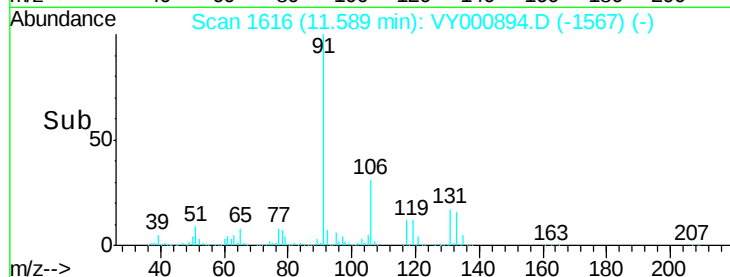
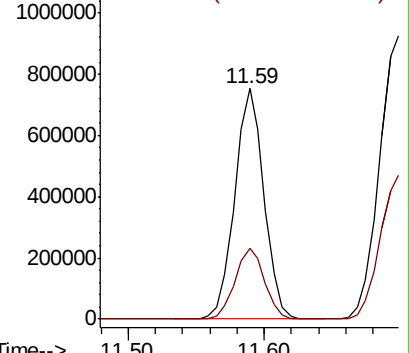
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.216 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000894.D

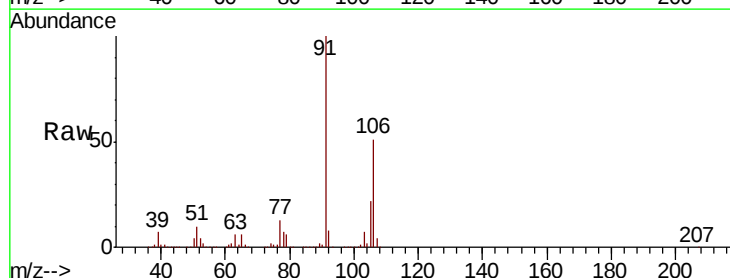
Acq: 06 Dec 2019 12:02

Tgt Ion: 106 Resp: 844884

Ion Ratio Lower Upper

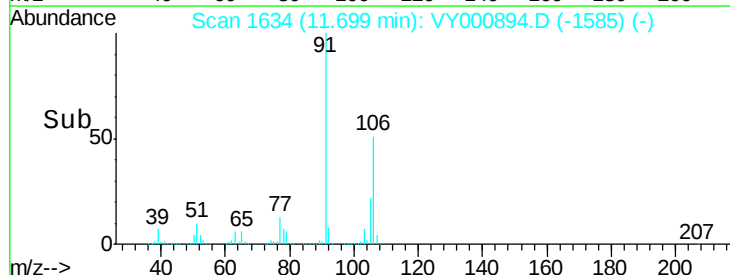
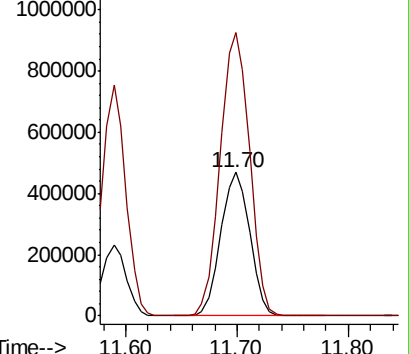
106 100

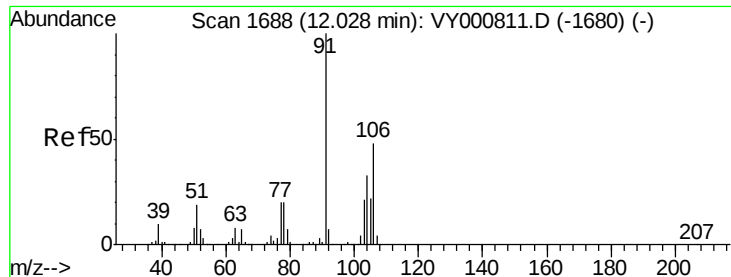
91 199.7 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





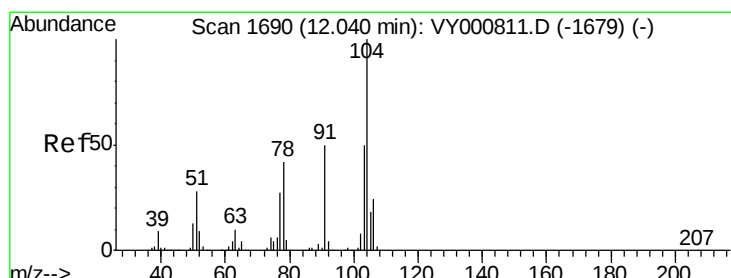
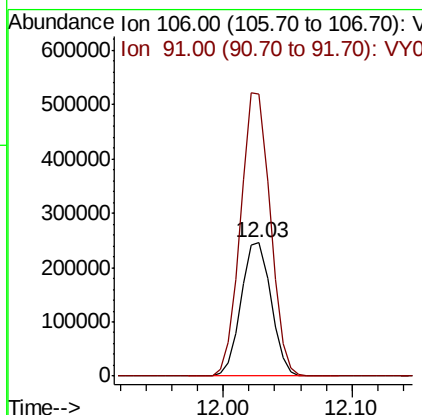
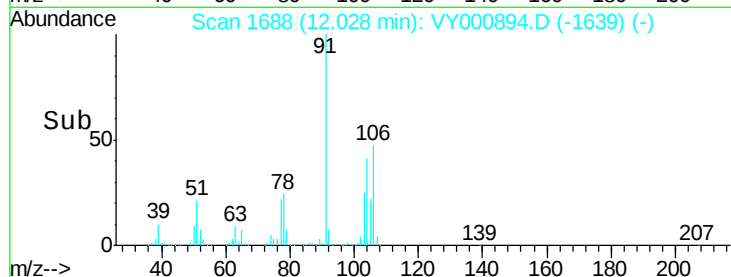
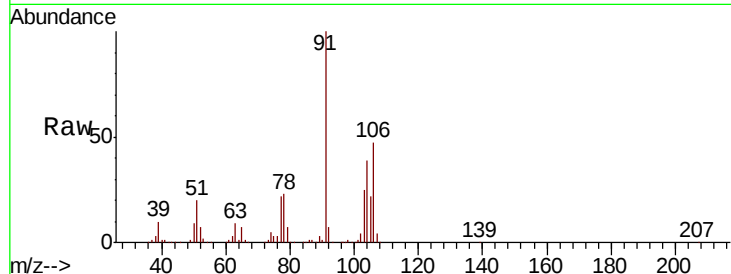
#69
o-Xylene
Concen: 53.356 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	106.1	318.1

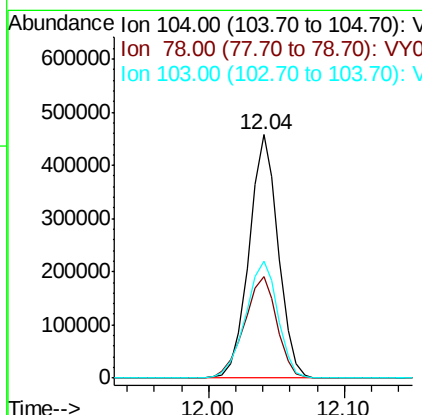
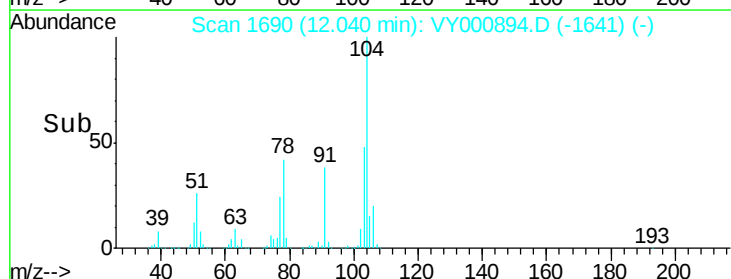
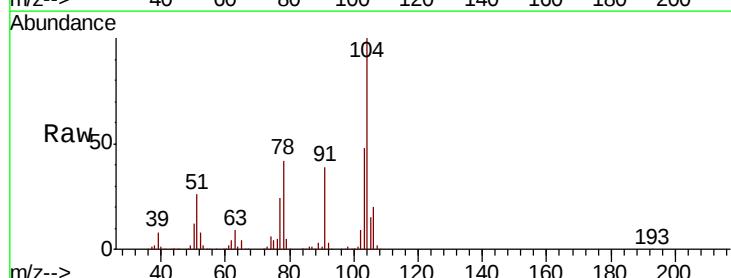
Manual Integrations
APPROVED

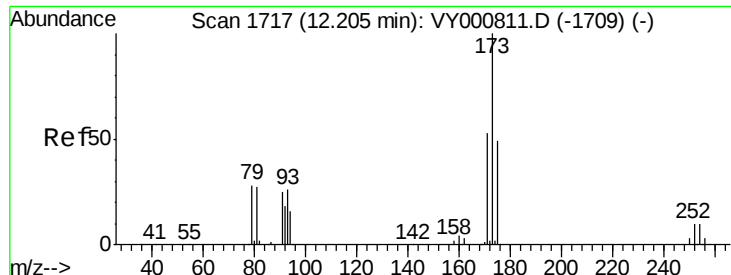
apatel
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#70
Styrene
Concen: 53.963 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	38.2	57.4
103	53.4	43.4	65.0





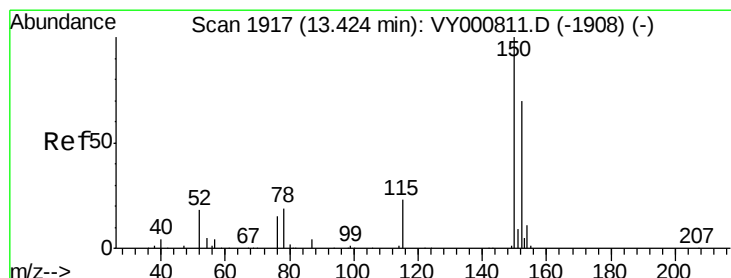
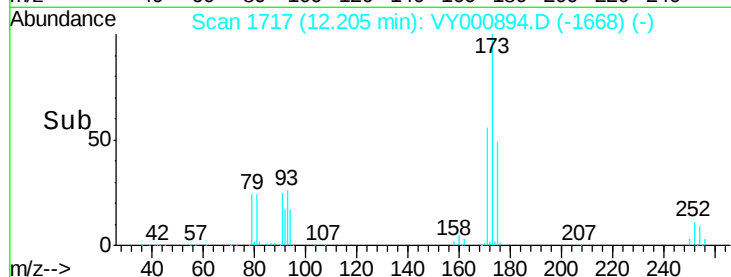
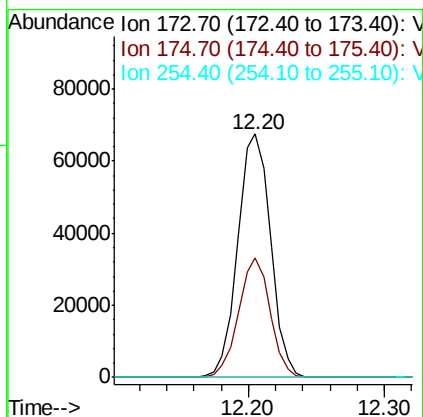
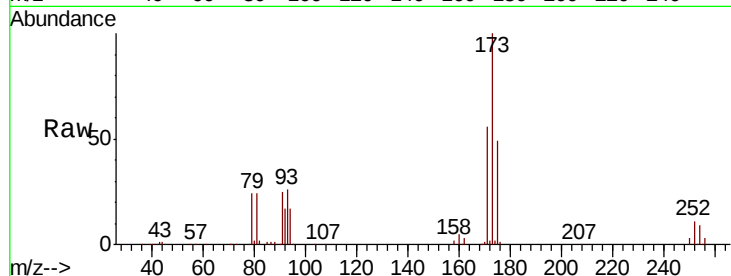
#71
Bromoform
Concen: 52.513 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.5	73.5
254	0.1	0.0	0.0#

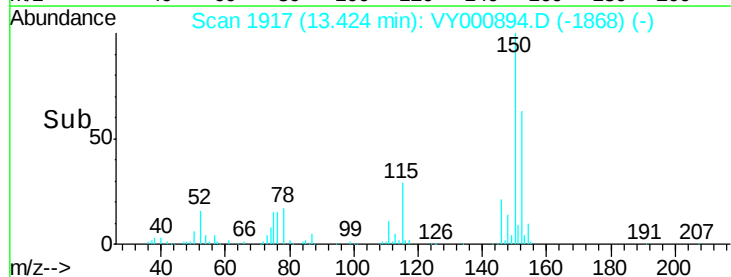
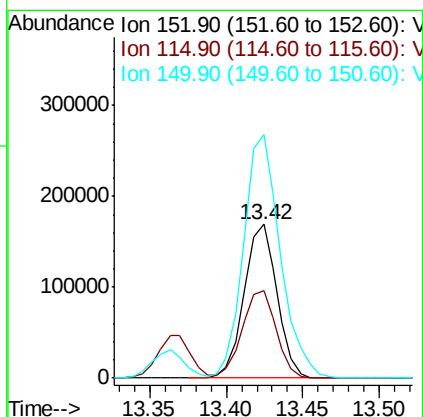
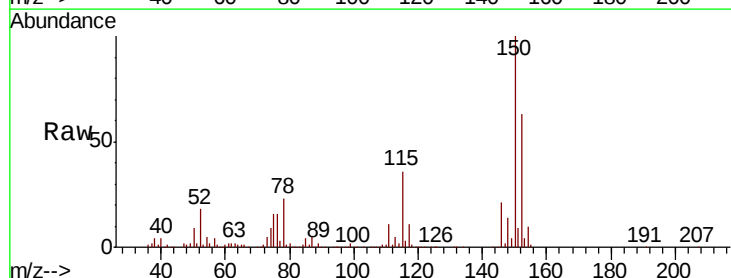
Manual Integrations
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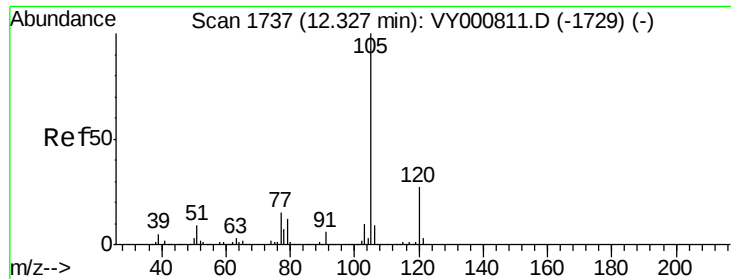
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	87.8
150	176.7	0.0	351.2





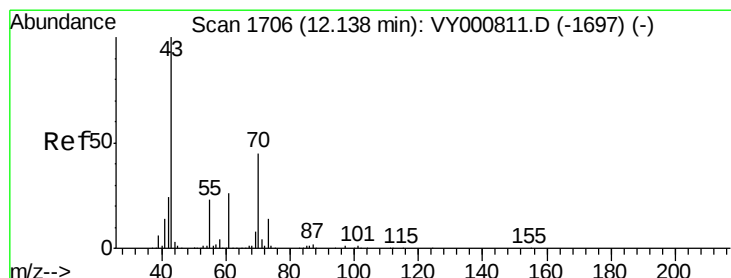
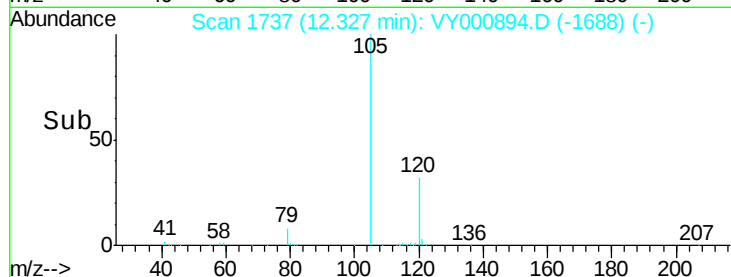
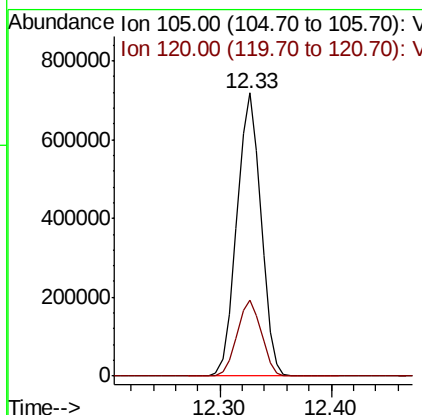
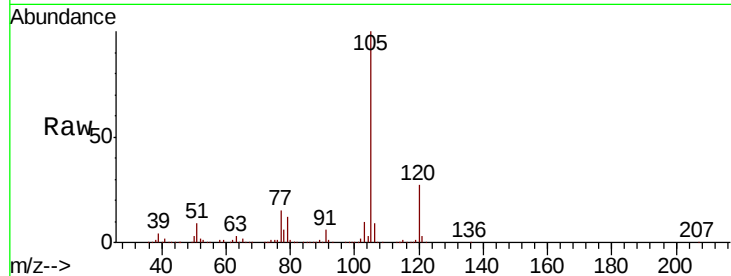
#73
Isopropylbenzene
Concen: 53.640 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 1078511
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

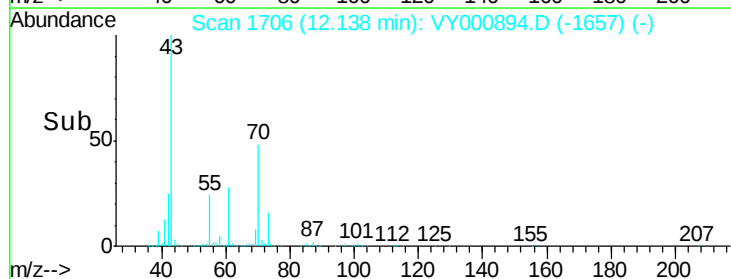
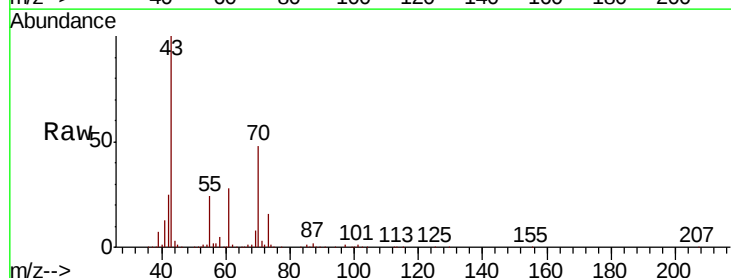
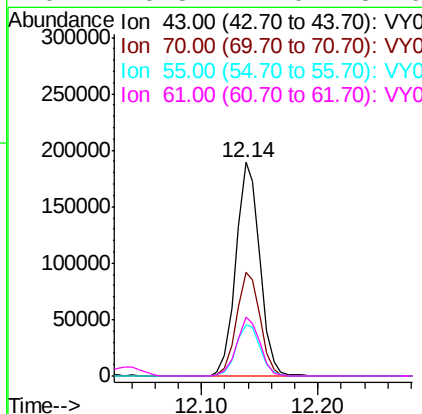
Manual Integrations
APPROVED

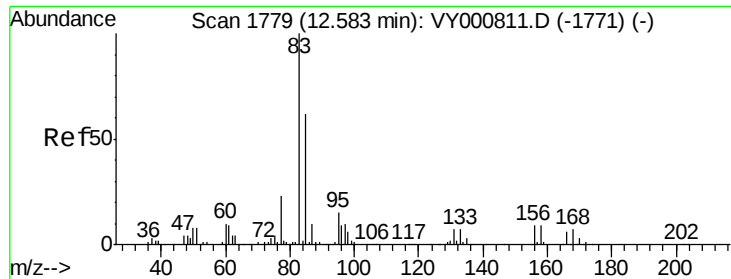
apatel
12/9/2019 11:24:06 AM



#74
N-ethyl acetate
Concen: 48.204 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 43 Resp: 269764
Ion Ratio Lower Upper
43 100
70 48.2 36.6 54.8
55 24.4 18.8 28.2
61 26.8 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.363 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

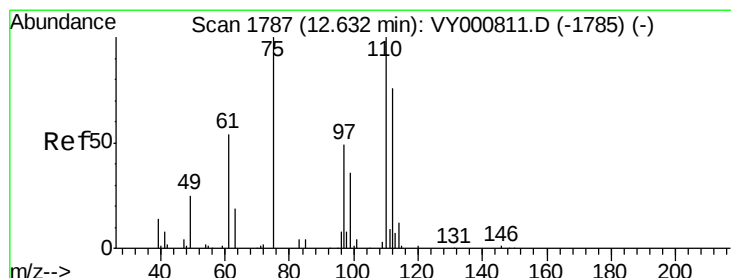
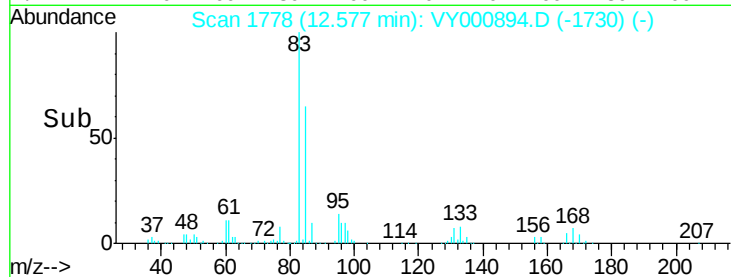
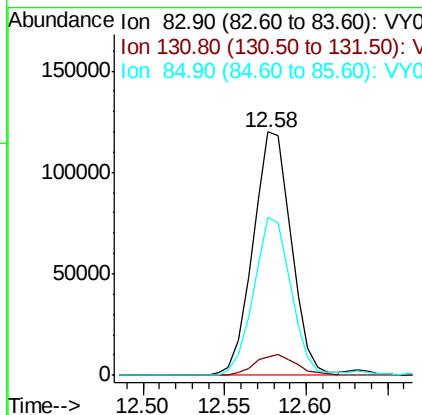
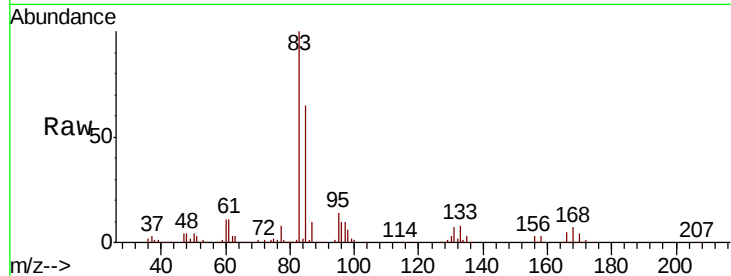
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	195562
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.3	13.1
85	63.0	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 57.782 ug/l m

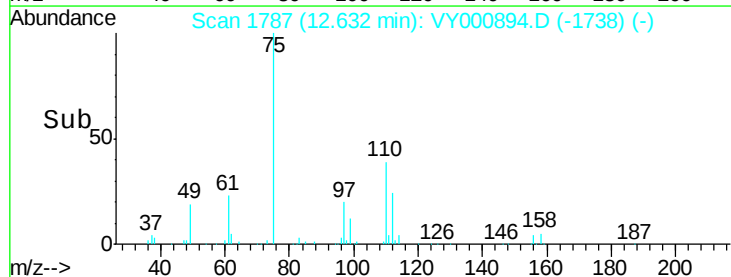
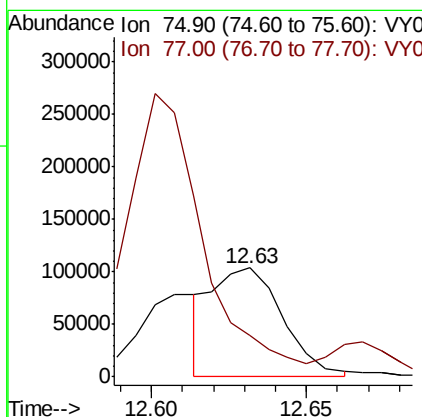
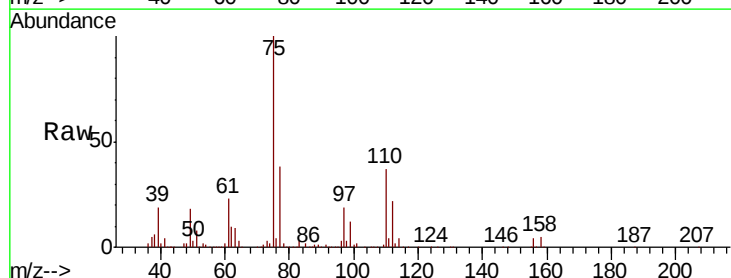
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Tgt Ion:	75	Resp:	165317
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.443 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

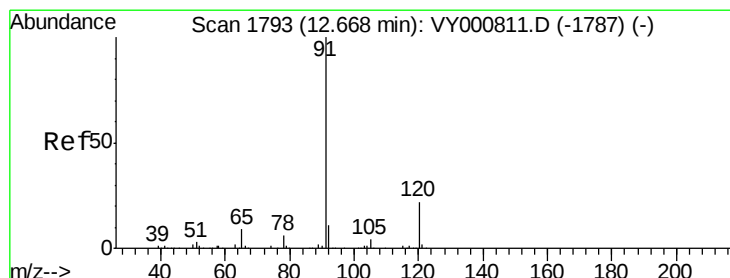
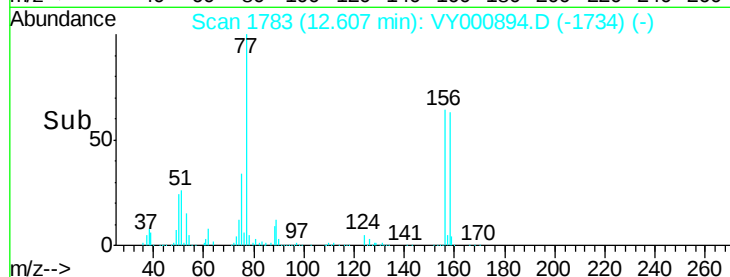
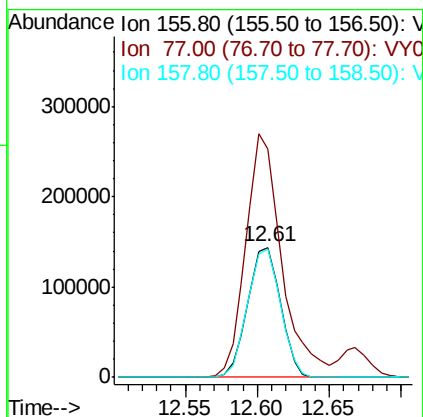
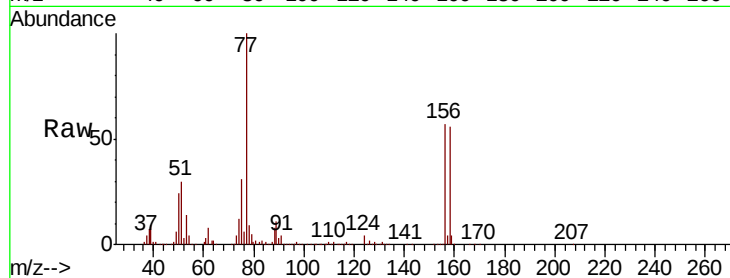
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	228563
Ion Ratio	Lower	Upper	
156	100		
77	204.0	102.6	307.7
158	98.5	47.6	142.8

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#78

n-propylbenzene

Concen: 53.700 ug/l

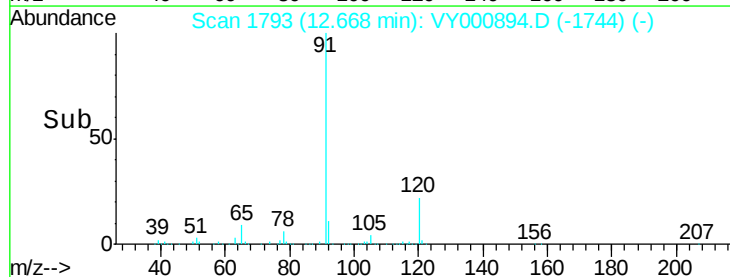
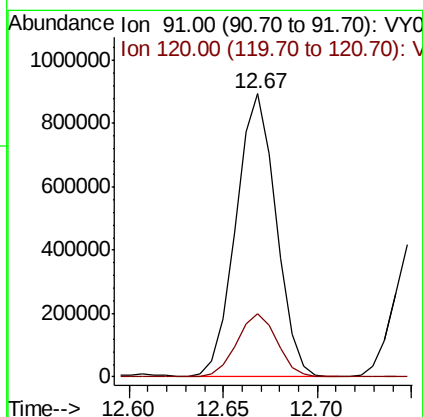
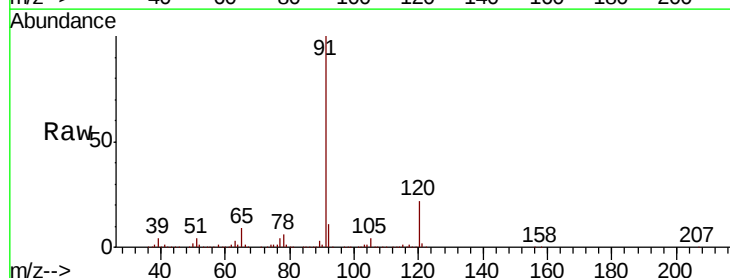
RT: 12.67 min Scan# 1793

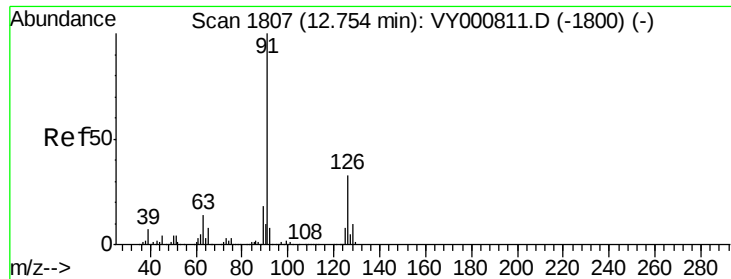
Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Tgt Ion:	91	Resp:	1318344
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.2	33.5





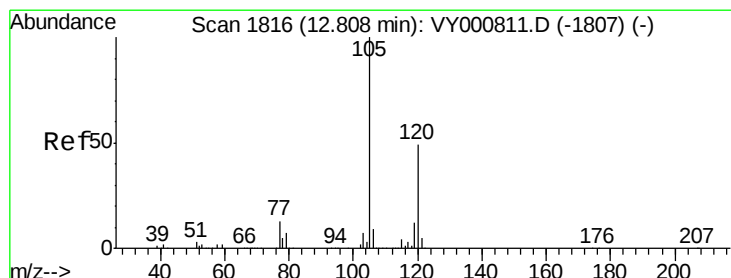
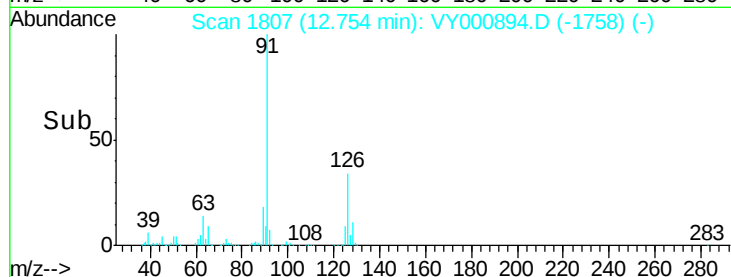
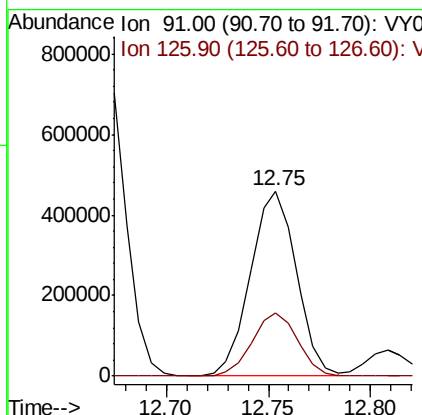
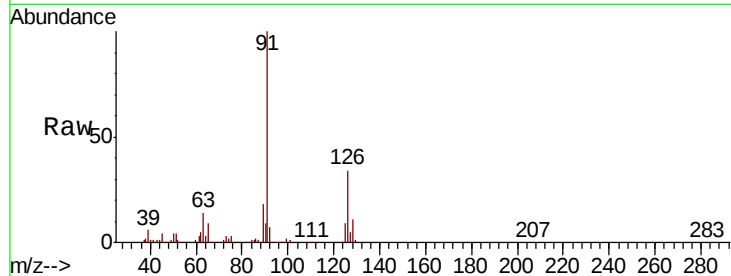
#79
 2-Chlorotoluene
 Concen: 53.148 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 720834
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.0 51.0

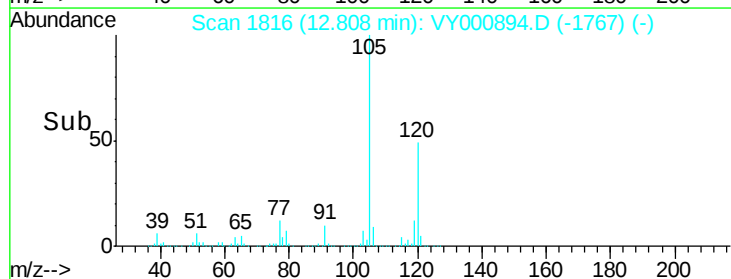
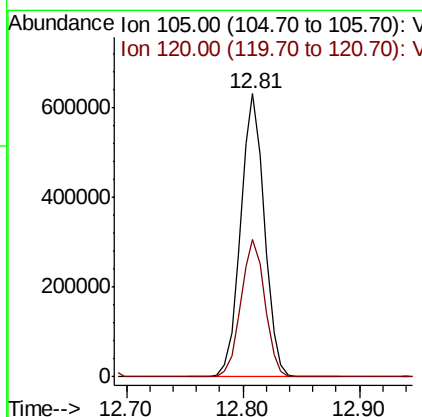
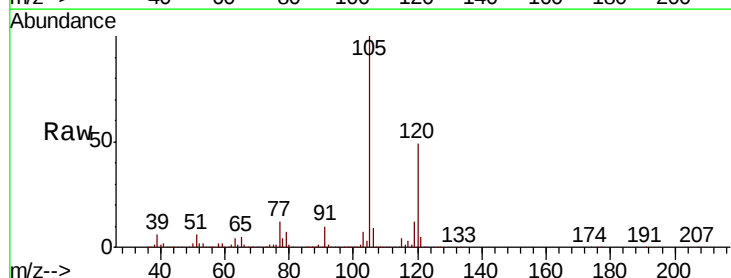
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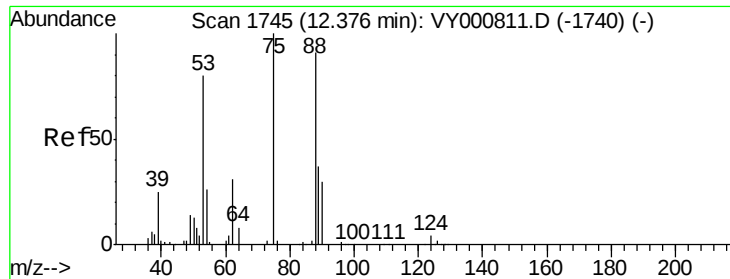
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.916 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion: 105 Resp: 897575
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.406 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

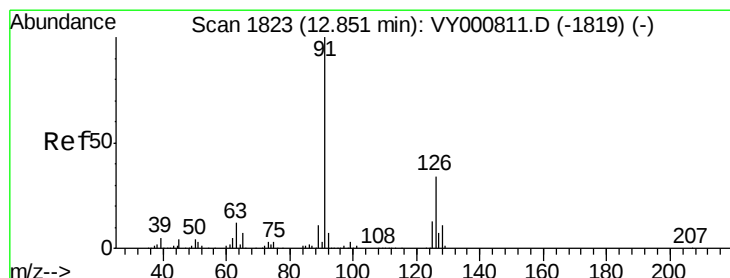
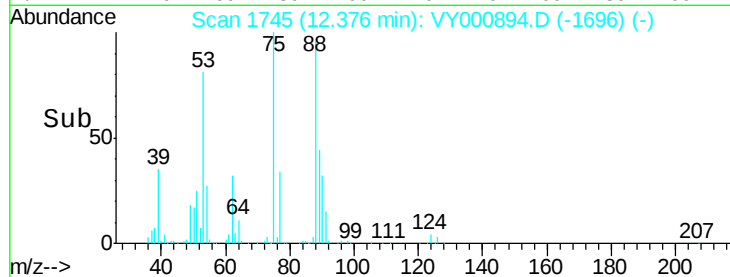
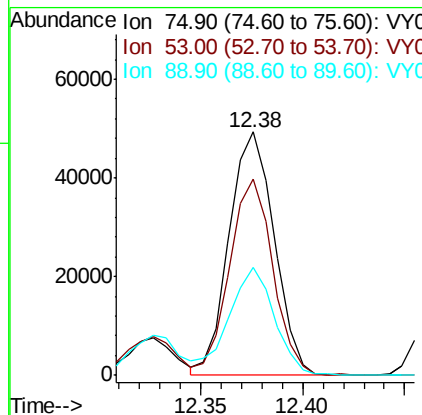
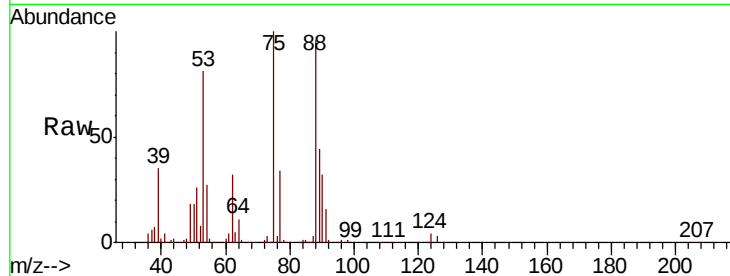
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	74875
Ion	Ratio	Lower	Upper
75	100		
53	78.2	64.6	96.8
89	45.3	33.6	50.4

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#82

4-Chlorotoluene

Concen: 54.040 ug/l

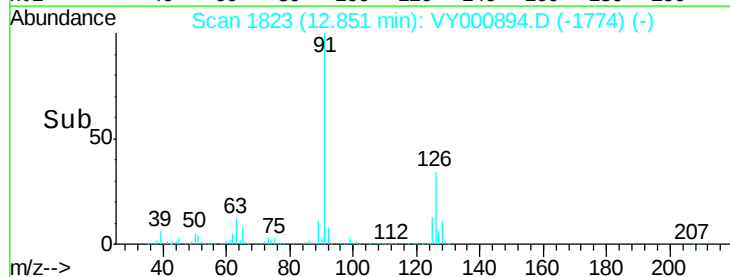
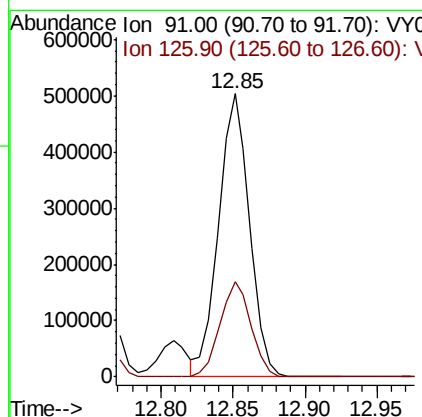
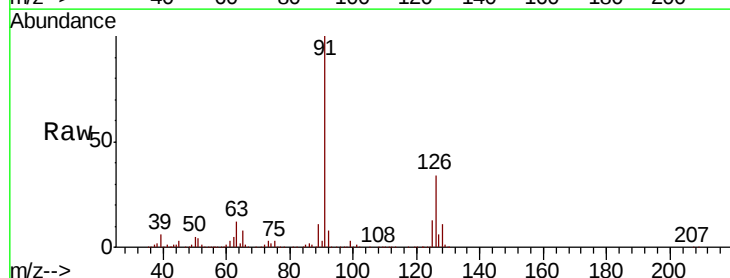
RT: 12.85 min Scan# 1823

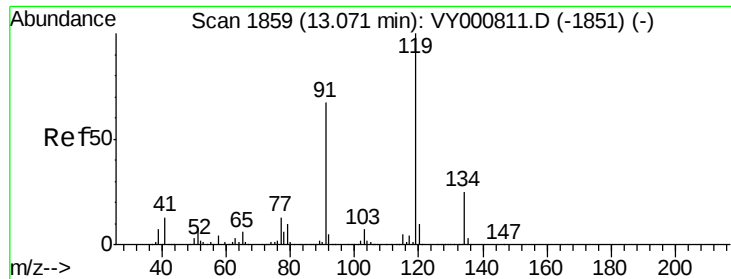
Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Tgt Ion:	91	Resp:	755115
Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.3	51.9





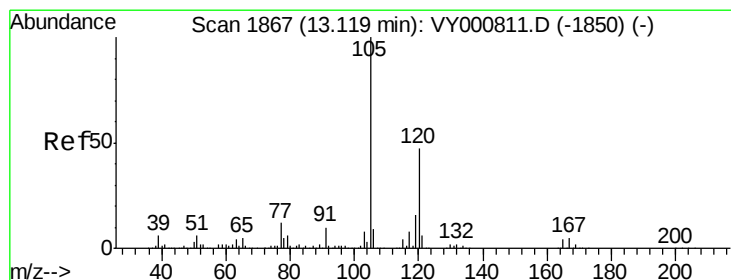
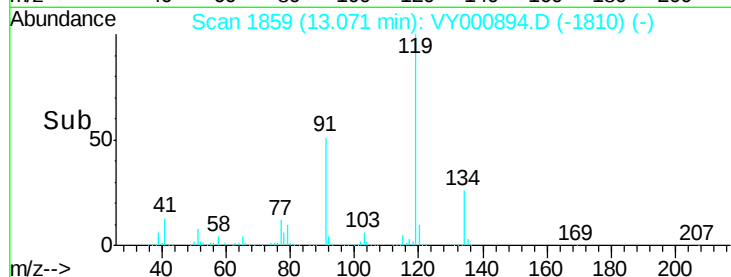
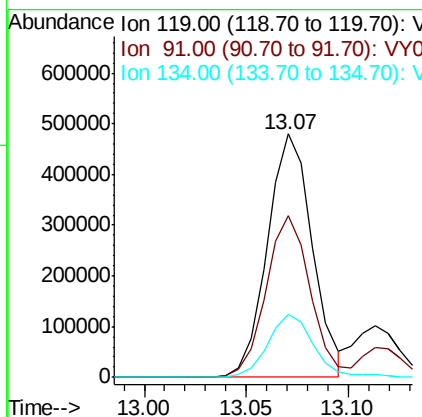
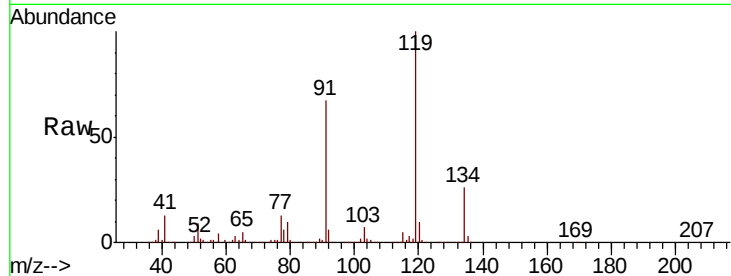
#83
tert-Butylbenzene
Concen: 52.522 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	32.3	96.8
134	26.5	12.9	38.7

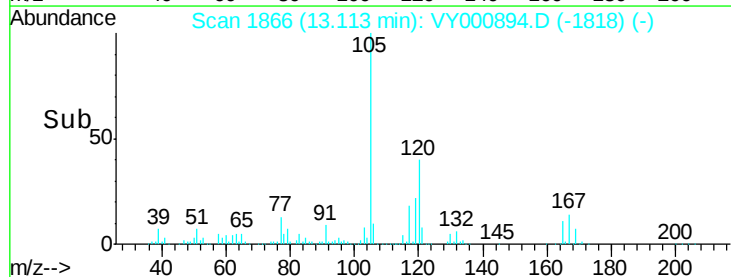
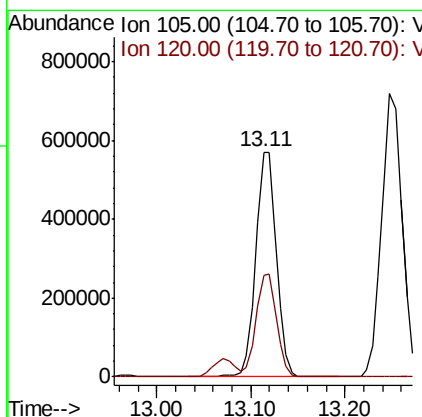
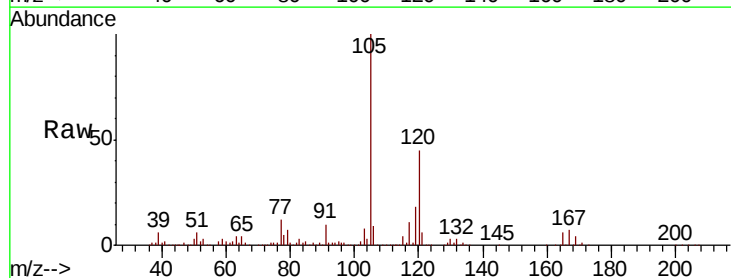
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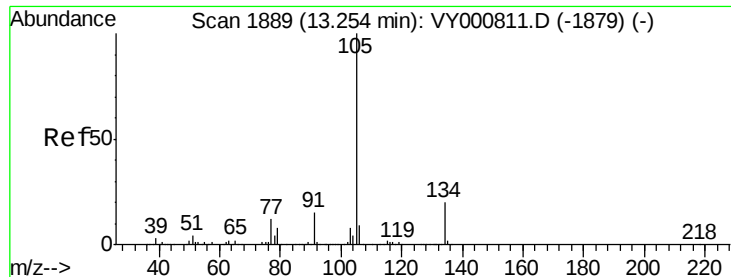
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#84
1,2,4-Trimethylbenzene
Concen: 53.123 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.6	67.8





#85

sec-Butylbenzene

Concen: 53.638 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1091837

Ion Ratio Lower Upper

105 100

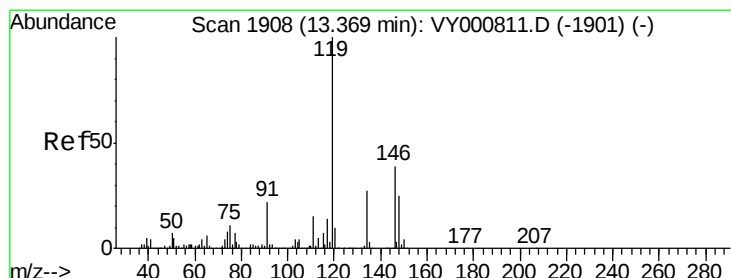
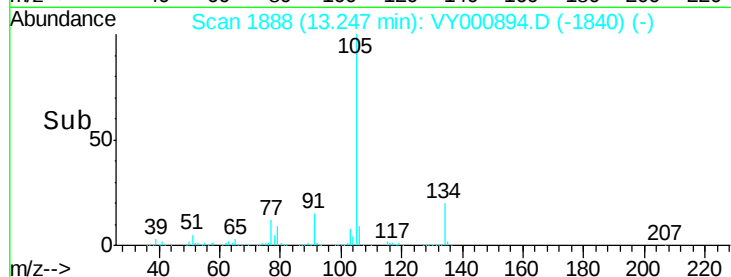
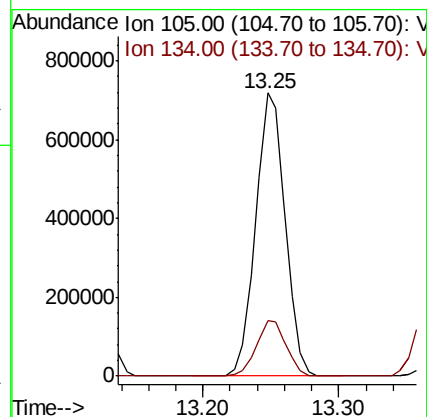
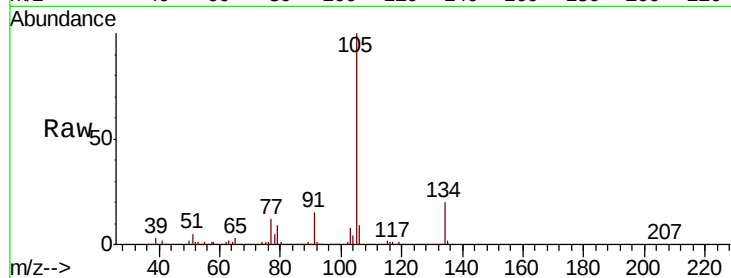
134 19.8 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 53.666 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

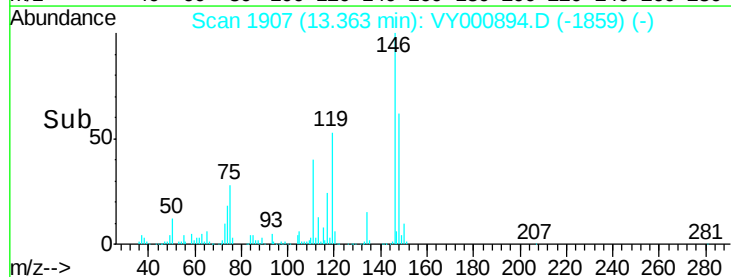
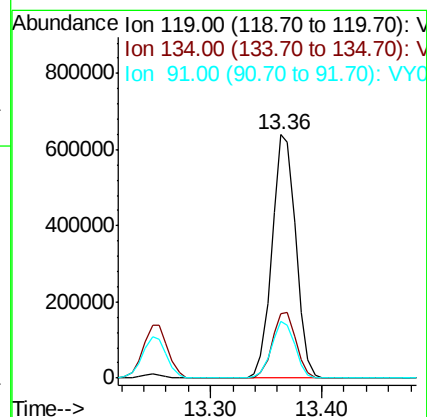
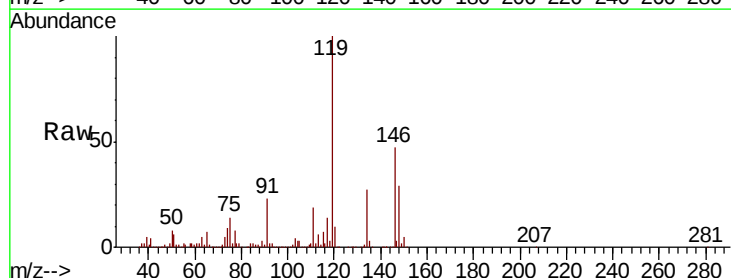
Tgt Ion:119 Resp: 950157

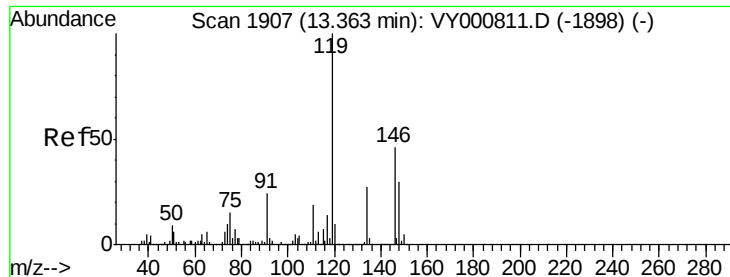
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 23.0 11.5 34.5





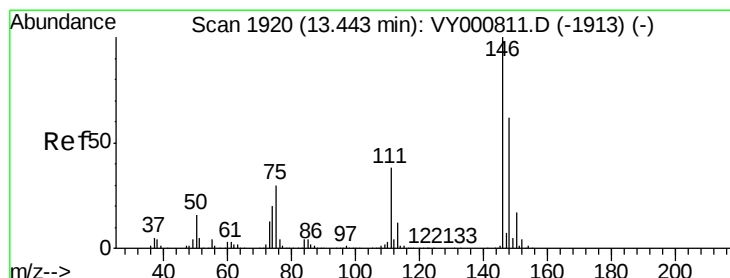
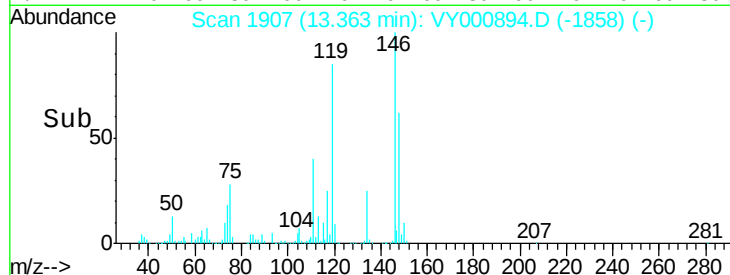
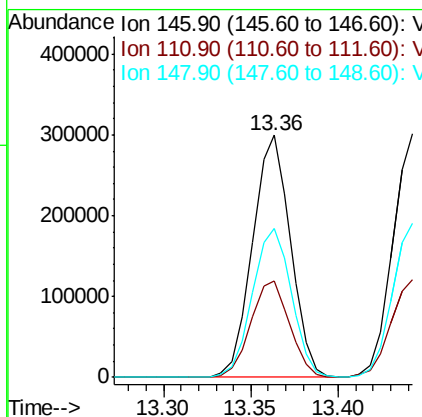
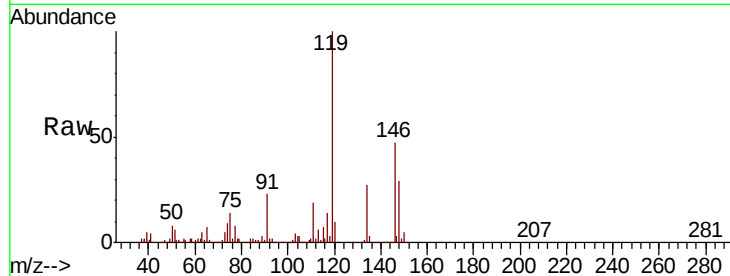
#87
 1,3-Dichlorobenzene
 Concen: 52.858 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.1	20.0	60.0	
148	63.3	32.1	96.5	

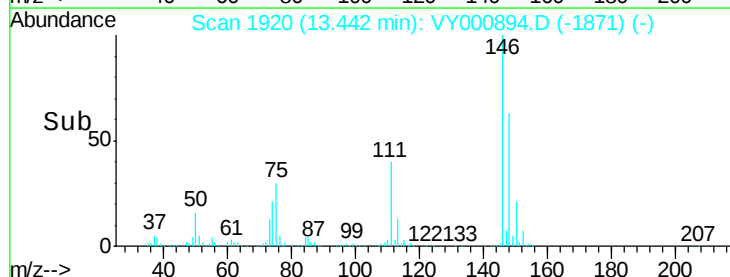
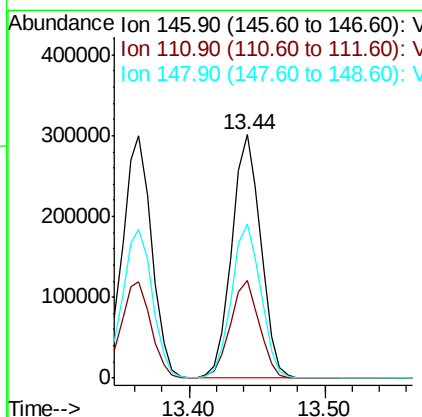
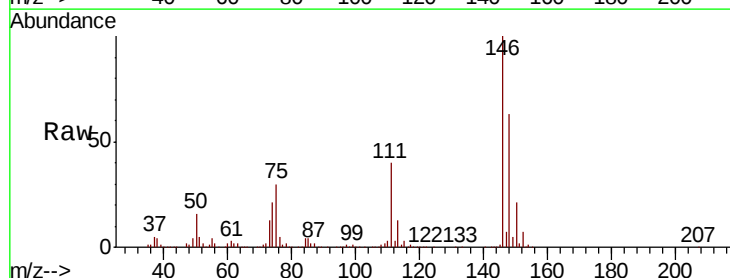
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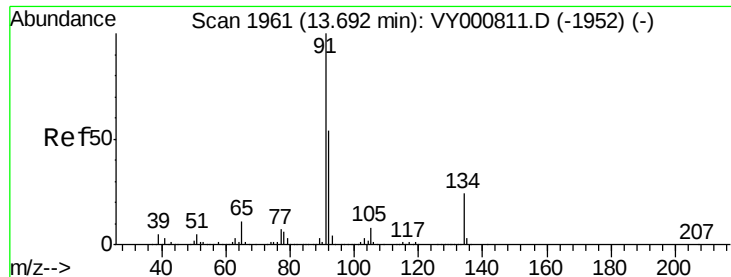
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#88
 1,4-Dichlorobenzene
 Concen: 52.719 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.3	20.0	59.9	
148	64.2	31.7	95.1	





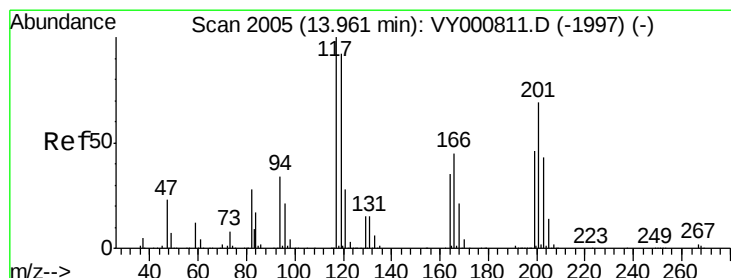
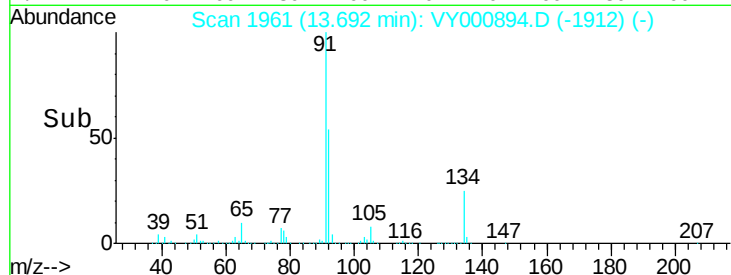
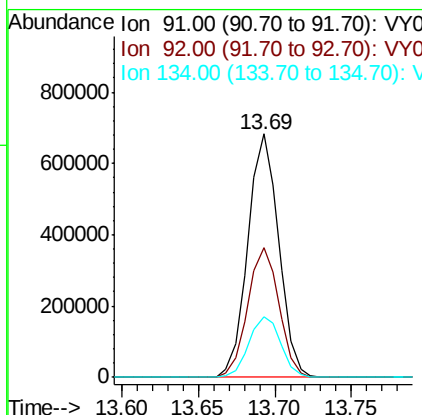
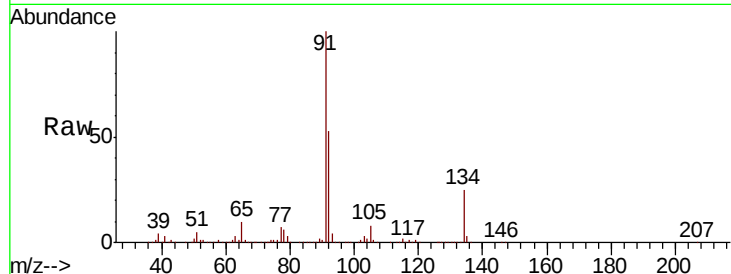
#89
n-Butylbenzene
Concen: 53.535 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.9	80.7
134	25.7	12.6	37.6

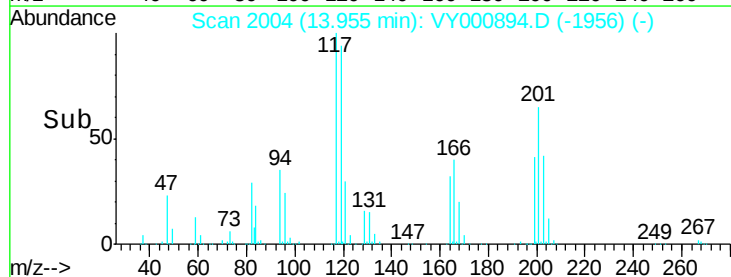
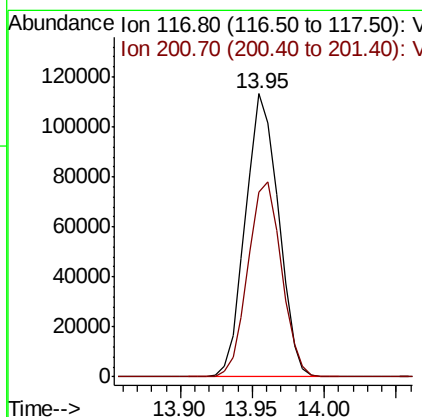
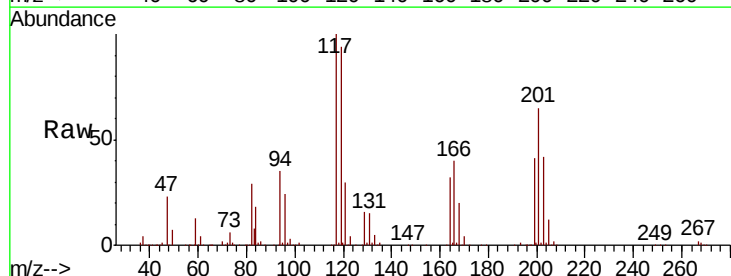
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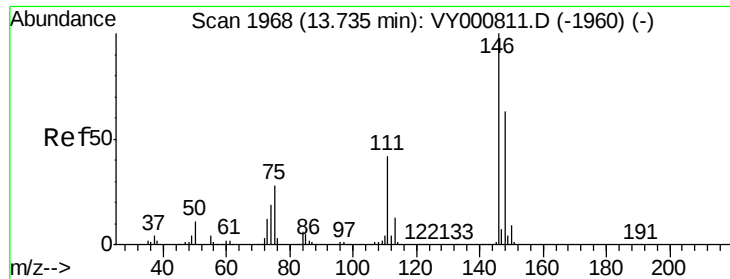
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#90
Hexachloroethane
Concen: 55.281 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.7	34.0	102.0





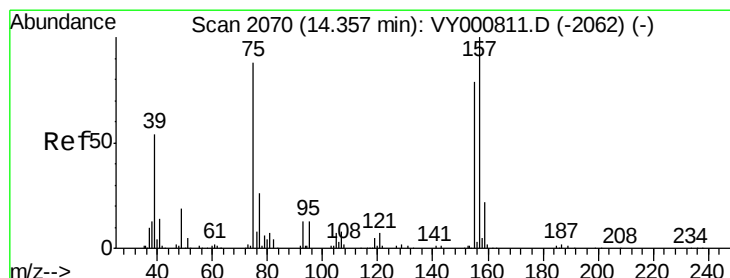
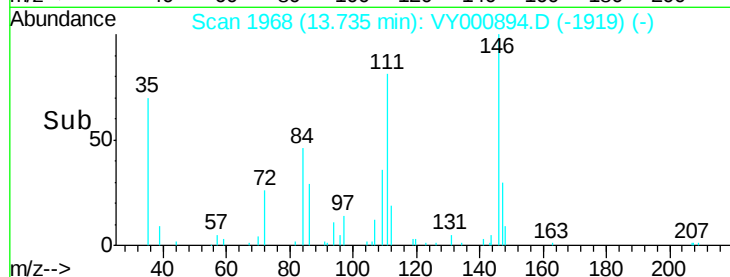
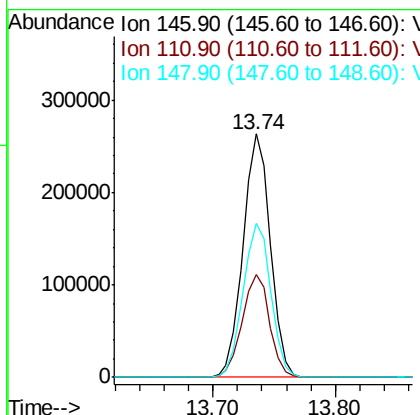
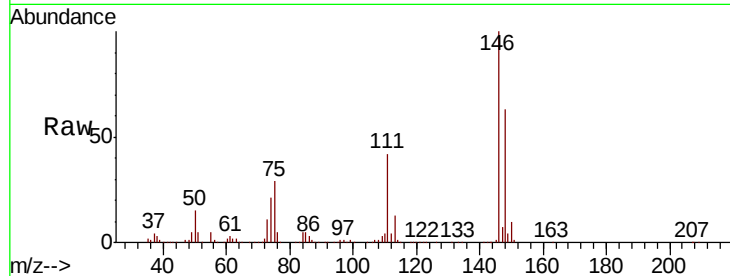
#91
 1,2-Dichlorobenzene
 Concen: 52.861 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.9	62.7
148	64.6	32.1	96.3

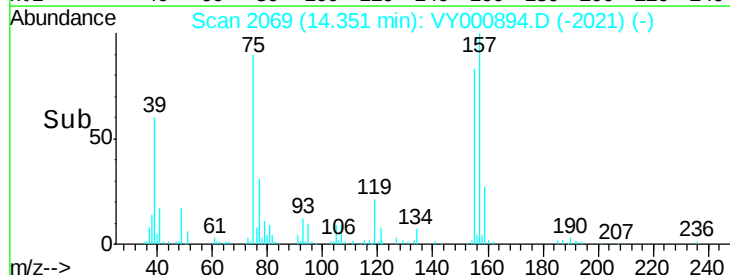
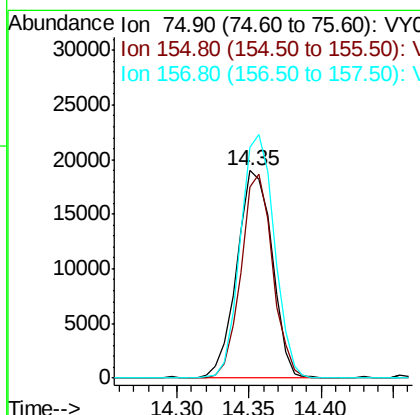
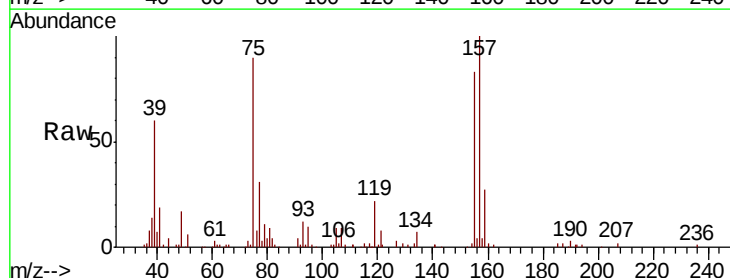
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.834 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	44.3	132.9
157	112.3	56.3	168.9





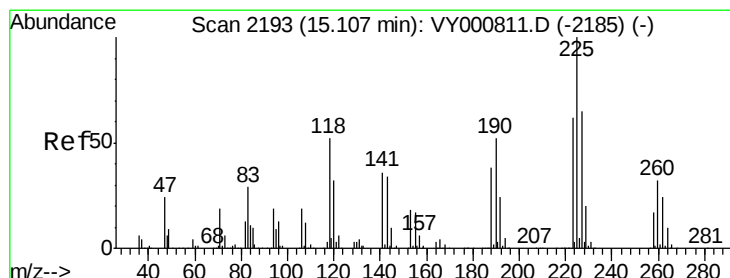
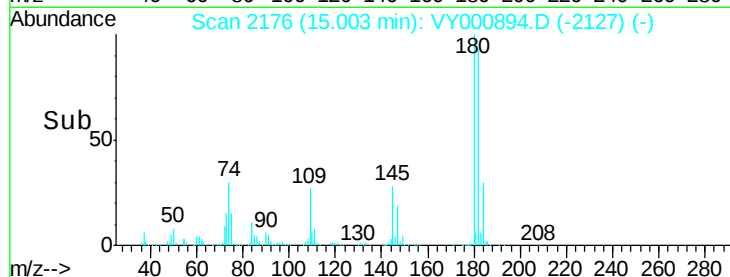
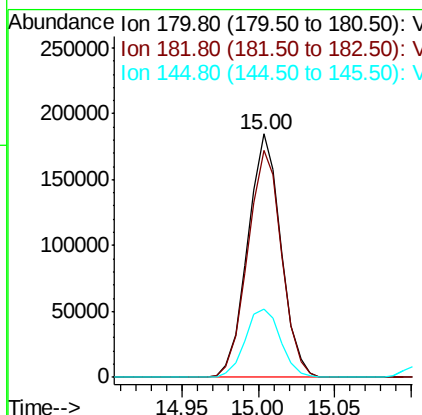
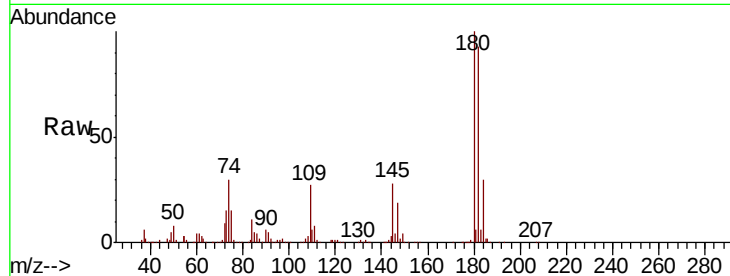
#93
 1,2,4-Trichlorobenzene
 Concen: 53.551 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	278674
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.9
145	30.2	16.0	47.9

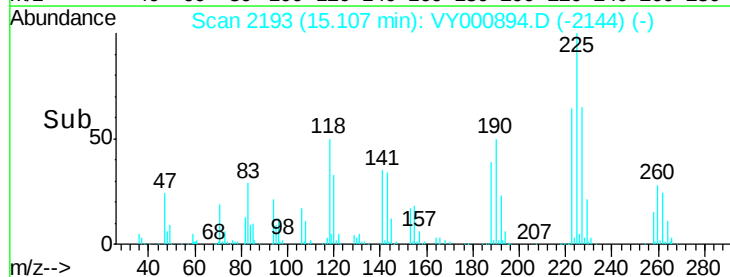
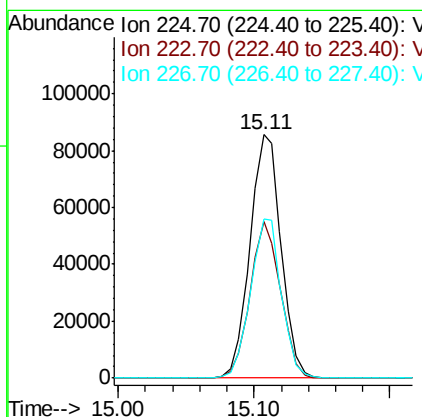
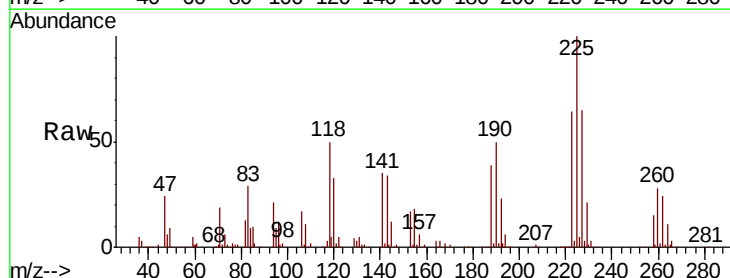
Manual Integrations
 APPROVED

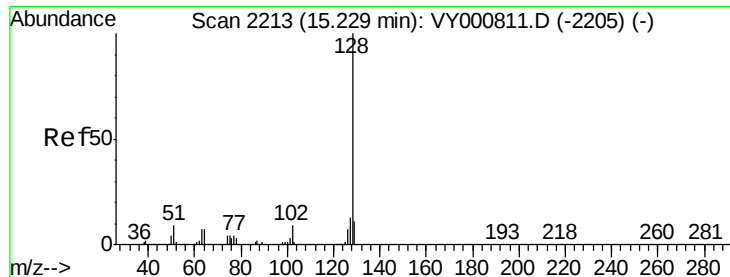
apatel
 12/9/2019 11:24:06 AM



#94
 Hexachlorobutadiene
 Concen: 53.095 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion:	225	Resp:	136989
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.4	94.3
227	64.8	31.8	95.3





#95

Naphthalene

Concen: 51.704 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

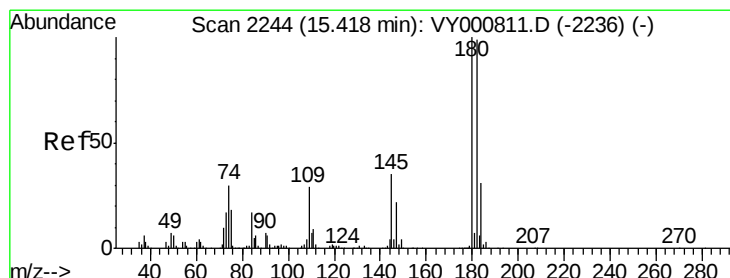
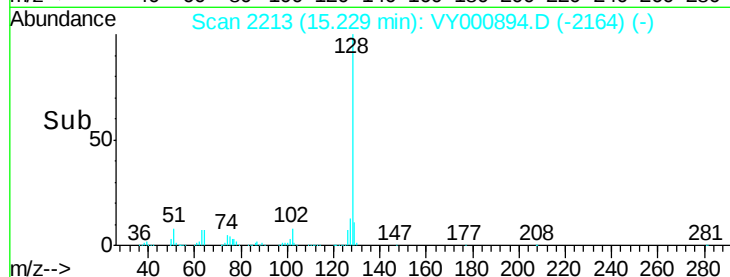
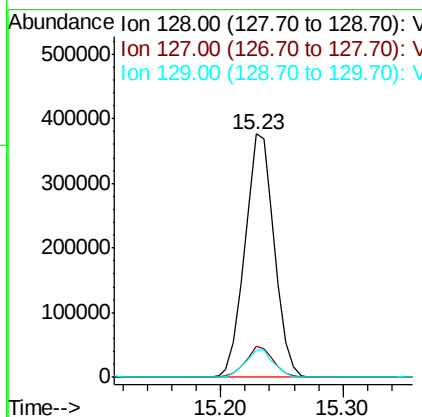
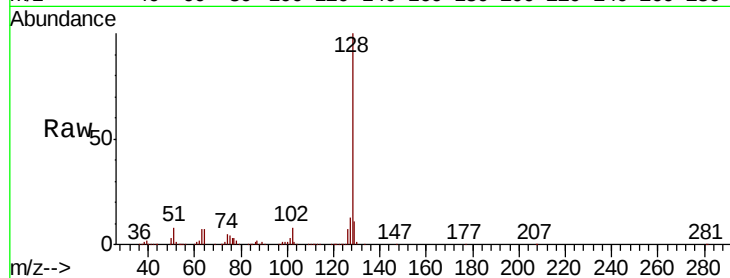
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	624765
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.1	15.1
129	11.1	8.8	13.2

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.108 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Tgt Ion:	180	Resp:	246861
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	32.7	16.9	50.6

