

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020017.D
 Acq On : 25 Oct 2024 11:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 00:17:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	215616	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	377120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	332038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	127260	47.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.860%
35) Dibromofluoromethane	7.640	113	123486	49.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.109	98	447535	48.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.408	95	161974	48.778	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89113	44.396	ug/l	96
3) Chloromethane	2.074	50	134755	51.582	ug/l	100
4) Vinyl Chloride	2.208	62	158415	55.105	ug/l	99
5) Bromomethane	2.605	94	100867	55.433	ug/l	96
6) Chloroethane	2.745	64	112240	58.117	ug/l	96
7) Trichlorofluoromethane	3.068	101	229383	53.623	ug/l	93
8) Diethyl Ether	3.464	74	69917	53.779	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.824	101	135881	54.611	ug/l	90
10) Methyl Iodide	4.013	142	119132	47.340	ug/l #	89
11) Tert butyl alcohol	4.866	59	52767	244.975	ug/l #	80
12) 1,1-Dichloroethene	3.799	96	119154	51.512	ug/l #	80
13) Acrolein	3.665	56	24864	127.456	ug/l	98
14) Allyl chloride	4.391	41	233586	55.968	ug/l #	90
15) Acrylonitrile	5.061	53	176736	297.213	ug/l	97
16) Acetone	3.873	43	216173	312.793	ug/l #	80
17) Carbon Disulfide	4.110	76	263335	42.473	ug/l	99
18) Methyl Acetate	4.391	43	92552	62.167	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	377808	56.852	ug/l	99
20) Methylene Chloride	4.622	84	142529	55.910	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	130893	51.992	ug/l #	82
22) Diisopropyl ether	6.025	45	554415	60.986	ug/l #	92
23) Vinyl Acetate	5.970	43	1548600	297.144	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	295334	58.443	ug/l	98
25) 2-Butanone	6.896	43	280827	303.575	ug/l #	85
26) 2,2-Dichloropropane	6.890	77	251902	55.973	ug/l	94
27) cis-1,2-Dichloroethene	6.896	96	176134	56.613	ug/l	82
28) Bromochloromethane	7.250	49	129799	58.357	ug/l #	70
29) Tetrahydrofuran	7.268	42	152429	288.586	ug/l #	84
30) Chloroform	7.427	83	310087	60.195	ug/l	98
31) Cyclohexane	7.707	56	225705	50.880	ug/l	86
32) 1,1,1-Trichloroethane	7.622	97	262236	58.088	ug/l	94
36) 1,1-Dichloropropene	7.841	75	197761	55.160	ug/l	95
37) Ethyl Acetate	6.988	43	107664	57.590	ug/l	97
38) Carbon Tetrachloride	7.823	117	217885	56.689	ug/l	99
39) Methylcyclohexane	9.109	83	244046	54.024	ug/l #	86
40) Benzene	8.085	78	622688	57.389	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	60330	59.626	ug/l #	81
42) 1,2-Dichloroethane	8.164	62	184278	59.116	ug/l	93
43) Isopropyl Acetate	8.201	43	219548	57.584	ug/l #	77
44) Trichloroethene	8.872	130	143480	54.597	ug/l	91
45) 1,2-Dichloropropane	9.146	63	163250	60.111	ug/l	99
46) Dibromomethane	9.237	93	85014	57.295	ug/l #	88
47) Bromodichloromethane	9.426	83	240661	61.105	ug/l	96
48) Methyl methacrylate	9.225	41	100819	60.116	ug/l #	81
49) 1,4-Dioxane	9.231	88	18694	1125.664	ug/l #	82
51) 4-Methyl-2-Pentanone	10.000	43	607441	312.360	ug/l	88
52) Toluene	10.170	92	399949	59.051	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	210110	59.292	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	247451	59.179	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	115805	59.238	ug/l	95
56) Ethyl methacrylate	10.438	69	165570	59.025	ug/l #	72
57) 1,3-Dichloropropane	10.719	76	204688	59.622	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	368891	282.488	ug/l	92
59) 2-Hexanone	10.762	43	440184	316.917	ug/l	86
60) Dibromochloromethane	10.914	129	148615	59.229	ug/l	99
61) 1,2-Dibromoethane	11.018	107	100065	56.644	ug/l	99
64) Tetrachloroethene	10.652	164	121796	51.570	ug/l	93
65) Chlorobenzene	11.444	112	434983	57.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	148872	57.939	ug/l	99
67) Ethyl Benzene	11.518	91	808731	58.622	ug/l	100
68) m/p-Xylenes	11.627	106	592148	116.220	ug/l	91
69) o-Xylene	11.956	106	284895	58.197	ug/l	91
70) Styrene	11.969	104	488829	59.186	ug/l	95
71) Bromoform	12.133	173	79060	57.476	ug/l #	96
73) Isopropylbenzene	12.255	105	788496	57.376	ug/l	98
74) N-amyl acetate	12.072	43	208859	57.382	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	144820	59.306	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	178478	55.763	ug/l #	100
77) Bromobenzene	12.536	156	156441	53.645	ug/l	82
78) n-propylbenzene	12.597	91	971951	58.532	ug/l	97
79) 2-Chlorotoluene	12.682	91	539163	56.636	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	633952	57.121	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	44929	56.661	ug/l #	82
82) 4-Chlorotoluene	12.780	91	562611	57.799	ug/l	93
83) tert-Butylbenzene	12.999	119	577107	58.045	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	638309	58.010	ug/l	96
85) sec-Butylbenzene	13.176	105	881835	59.364	ug/l	97
86) p-Isopropyltoluene	13.292	119	704472	58.402	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	329946	56.025	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	324026	56.005	ug/l	96
89) n-Butylbenzene	13.621	91	716863	60.863	ug/l	98
90) Hexachloroethane	13.883	117	137723	58.635	ug/l	84
91) 1,2-Dichlorobenzene	13.664	146	289579	55.961	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	22204	56.976	ug/l	69
93) 1,2,4-Trichlorobenzene	14.925	180	157561	54.302	ug/l	98
94) Hexachlorobutadiene	15.029	225	86640	53.708	ug/l	98
95) Naphthalene	15.145	128	299124	54.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	132218	53.905	ug/l	98

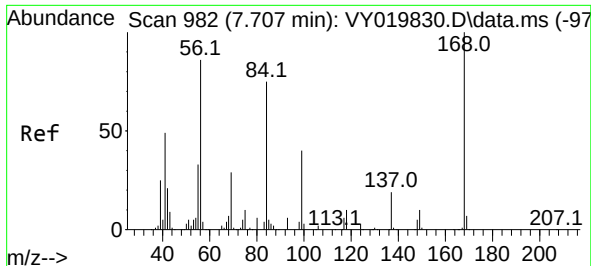
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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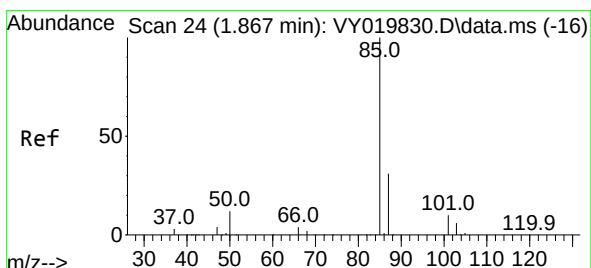
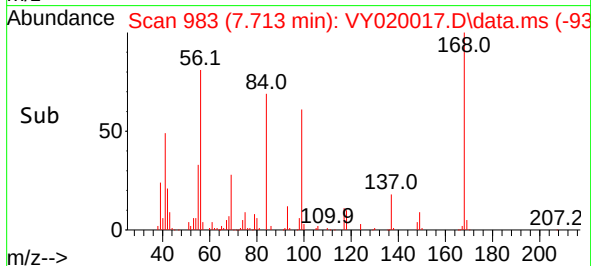
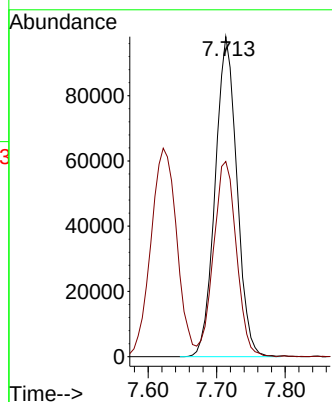
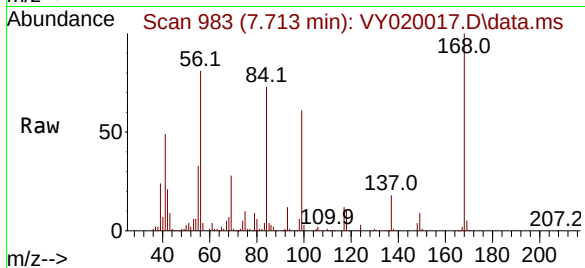
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020017.D
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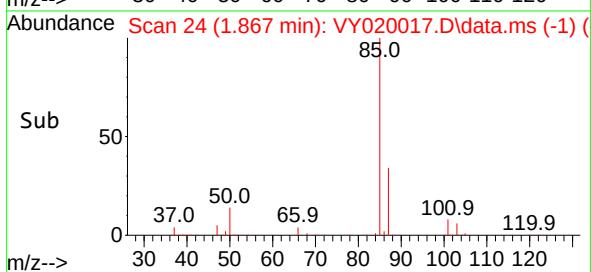
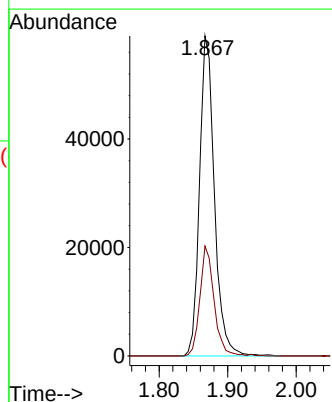
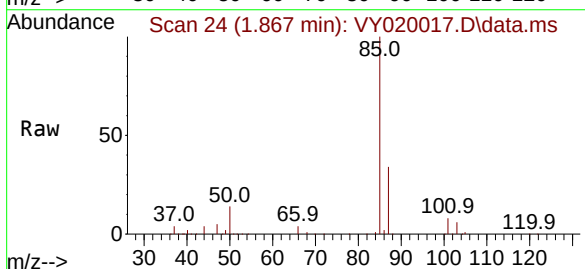
Instrument :
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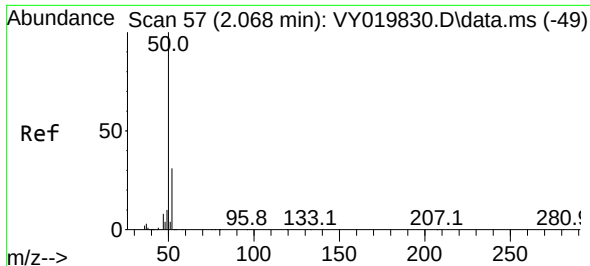
Tgt Ion:168 Resp: 215616
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 44.396 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 85 Resp: 89113
Ion Ratio Lower Upper
85 100
87 34.3 16.0 48.0

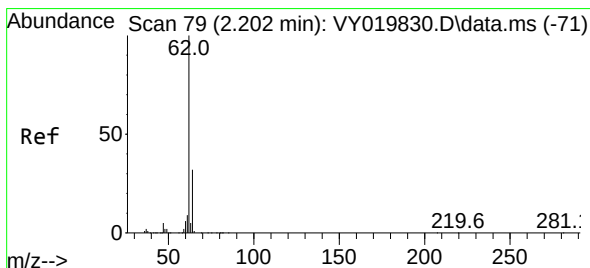
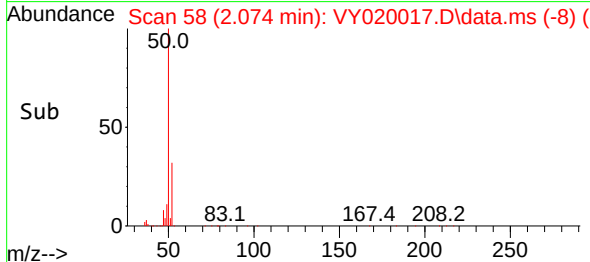
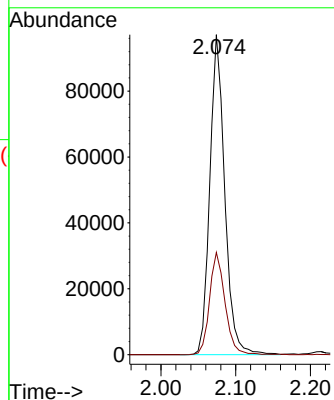
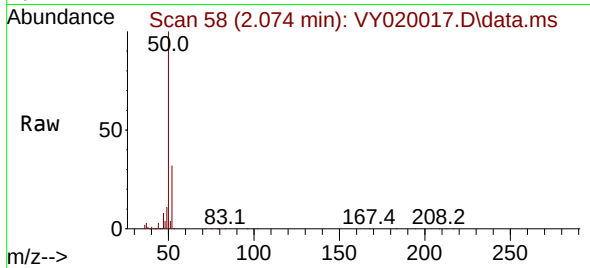




#3
Chloromethane
Concen: 51.582 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

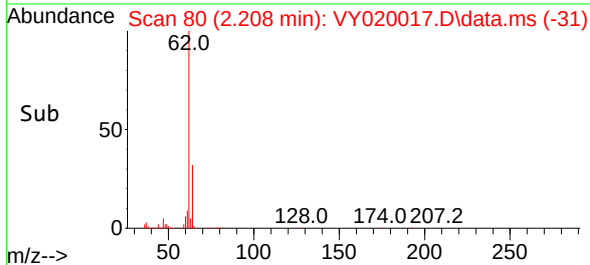
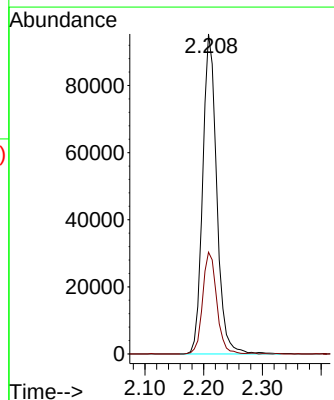
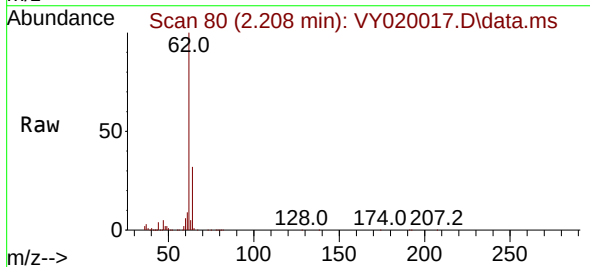
Instrument :
MSVOA_Y
ClientSampleId :

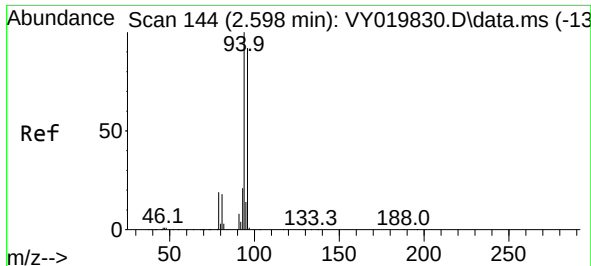
Tgt Ion: 50 Resp: 134755
Ion Ratio Lower Upper
50 100
52 31.9 25.6 38.4



#4
Vinyl Chloride
Concen: 55.105 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 62 Resp: 158415
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

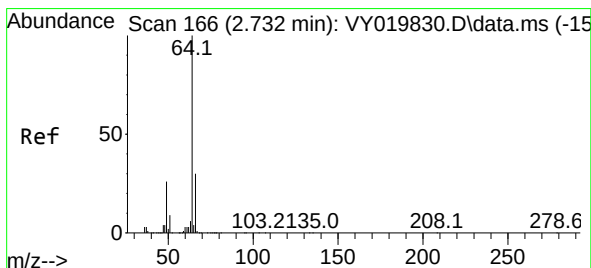
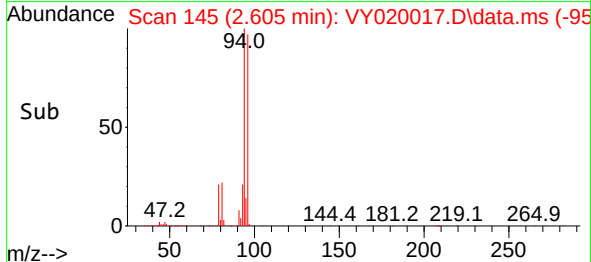
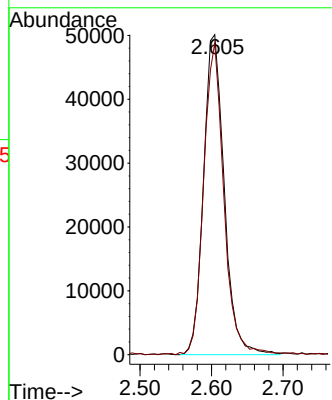
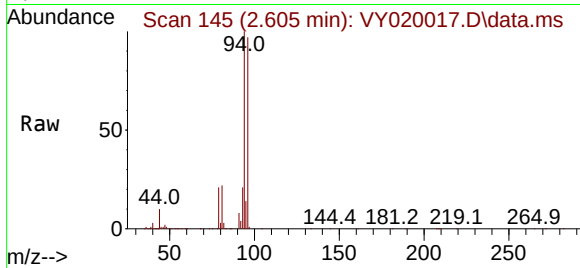




#5
Bromomethane
Concen: 55.433 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

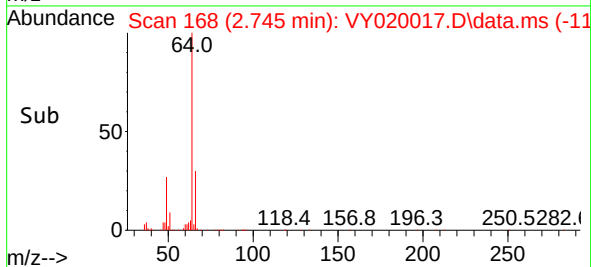
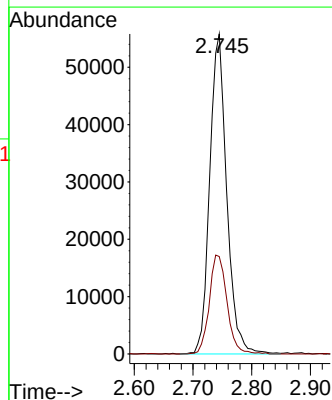
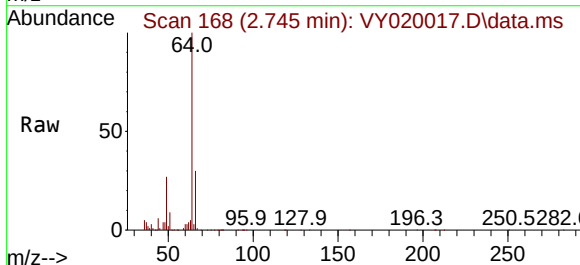
Instrument :
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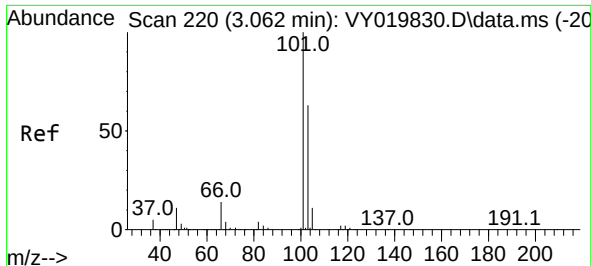
Tgt Ion: 94 Resp: 100867
Ion Ratio Lower Upper
94 100
96 96.8 74.1 111.1



#6
Chloroethane
Concen: 58.117 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 64 Resp: 112240
Ion Ratio Lower Upper
64 100
66 30.4 26.1 39.1

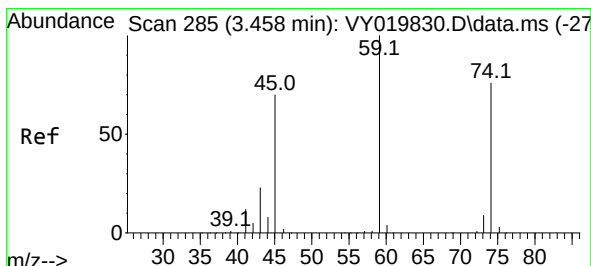
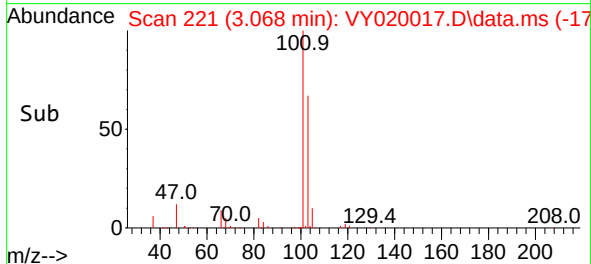
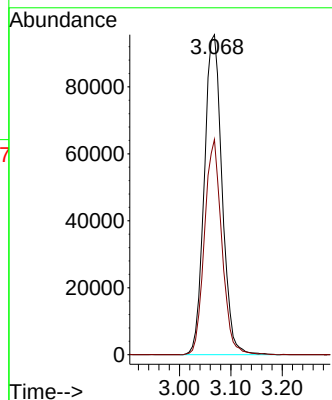
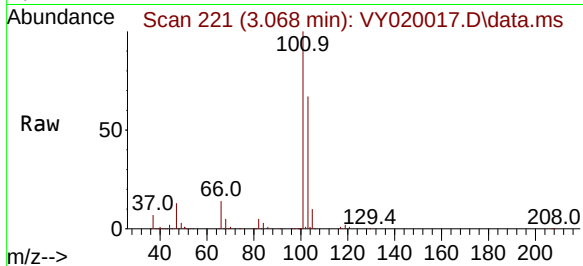




#7
 Trichlorofluoromethane
 Concen: 53.623 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY020017.D
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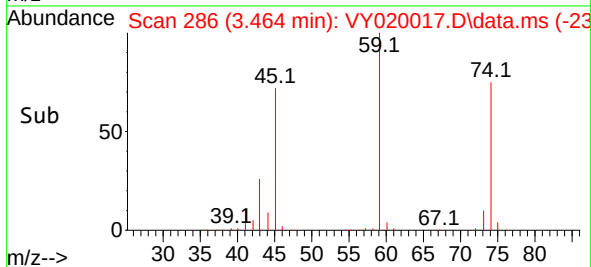
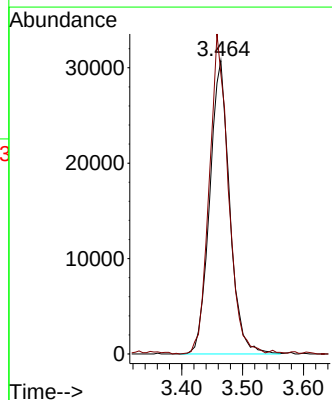
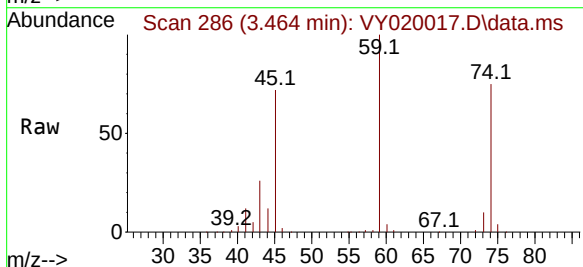
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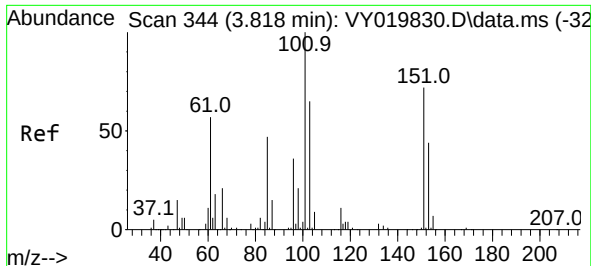
Tgt Ion:101 Resp: 229383
 Ion Ratio Lower Upper
 101 100
 103 67.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 53.779 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY020017.D
 Acq: 25 Oct 2024 11:04

Tgt Ion: 74 Resp: 69917
 Ion Ratio Lower Upper
 74 100
 45 104.9 41.3 124.1

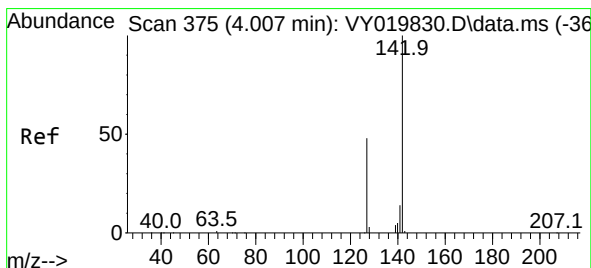
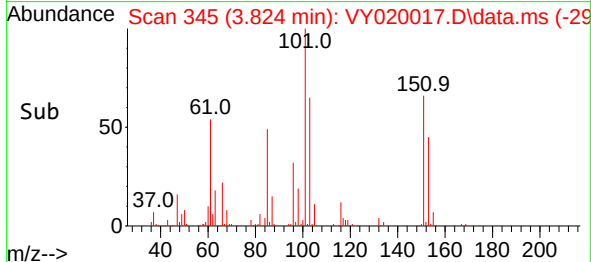
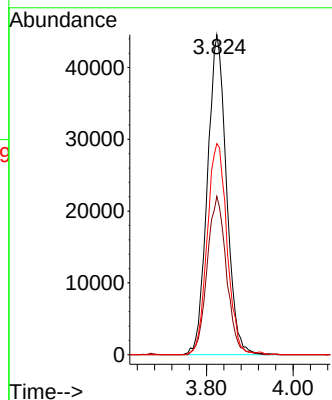
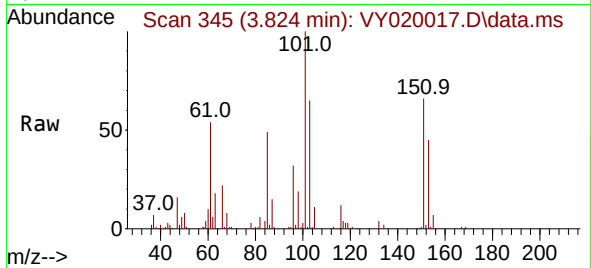




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.611 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY020017.D
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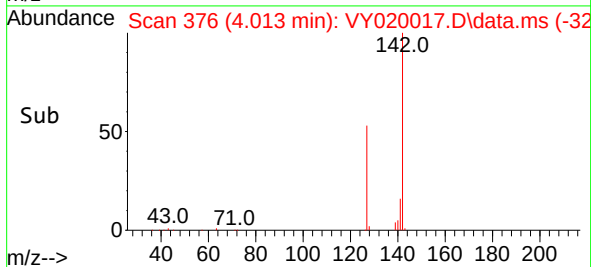
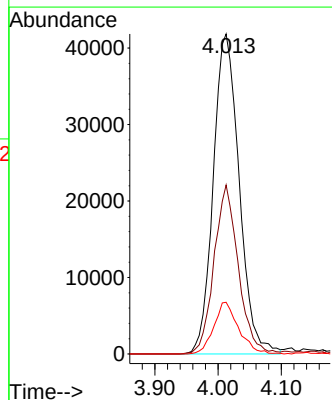
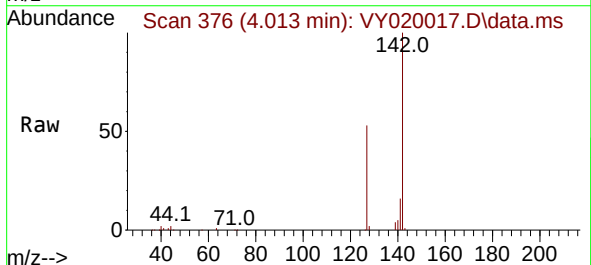
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MSVOA_Y
ClientSampleId :

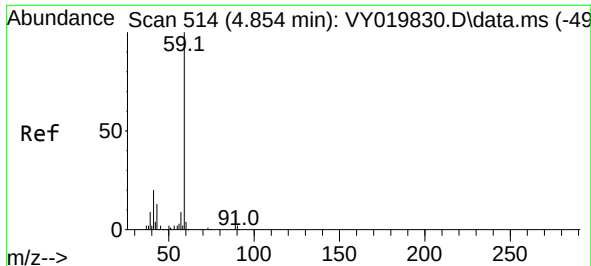
Tgt Ion:101 Resp: 135881
Ion Ratio Lower Upper
101 100
85 50.3 34.5 51.7
151 68.7 61.7 92.5



#10
Methyl Iodide
Concen: 47.340 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion:142 Resp: 119132
Ion Ratio Lower Upper
142 100
127 49.5 32.8 49.2#
141 15.5 11.4 17.2

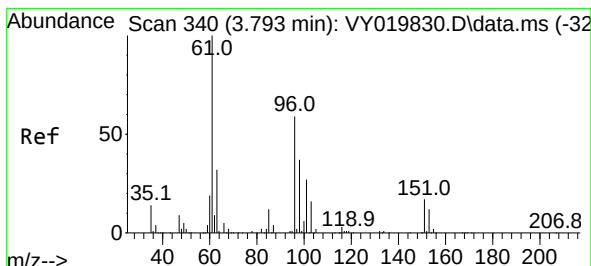
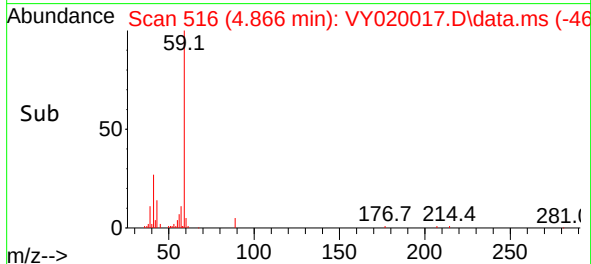
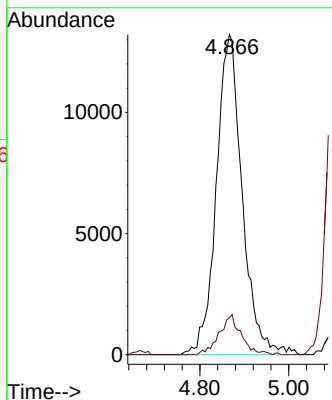
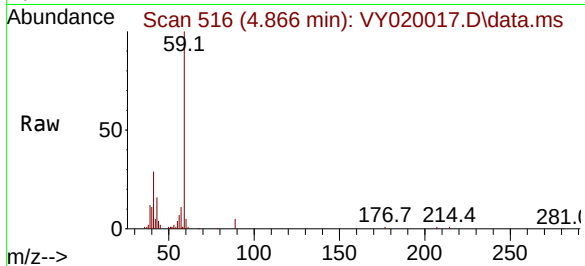




#11
Tert butyl alcohol
Concen: 244.975 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

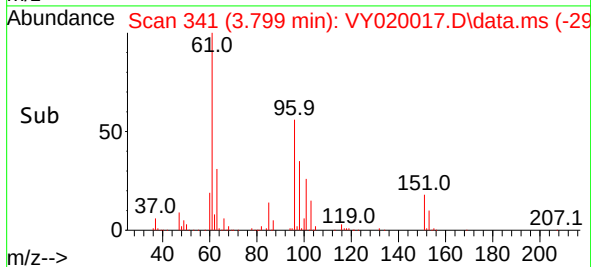
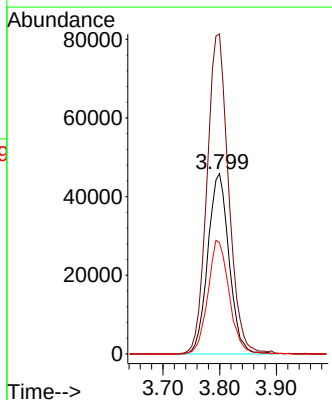
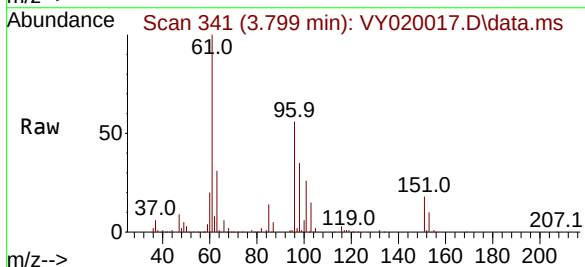
Instrument :
MSVOA_Y
ClientSampleId :

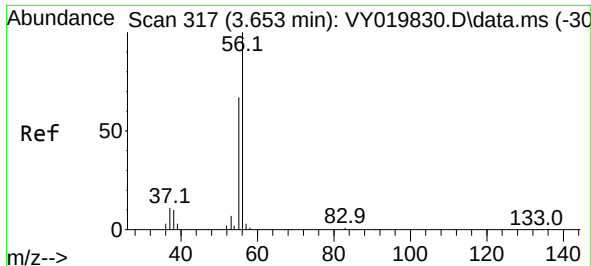
Tgt Ion: 59 Resp: 52767
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.512 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 96 Resp: 119154
Ion Ratio Lower Upper
96 100
61 177.3 114.6 171.8#
98 61.7 50.8 76.2





#13

Acrolein

Concen: 127.456 ug/l

RT: 3.665 min Scan# 317

Delta R.T. 0.012 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

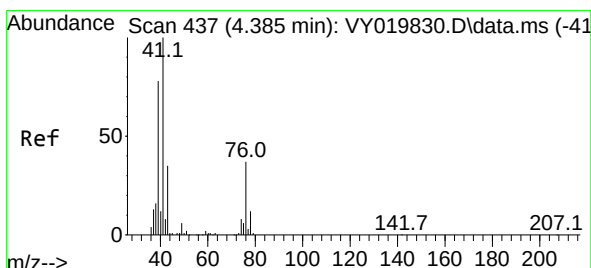
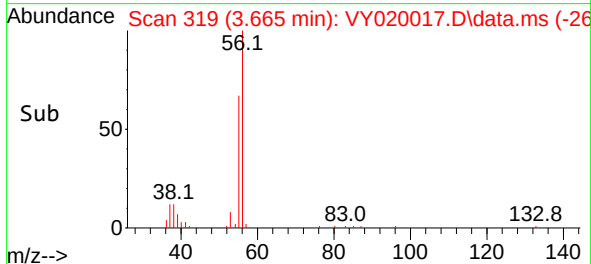
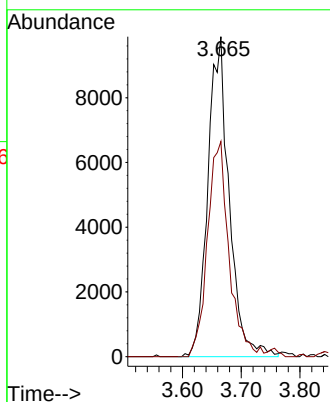
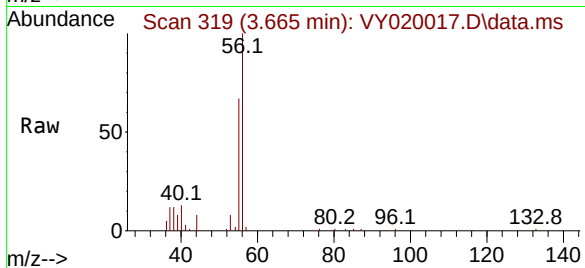
ClientSampleId :

Tgt Ion: 56 Resp: 24864

Ion Ratio Lower Upper

56 100

55 67.6 55.7 83.5



#14

Allyl chloride

Concen: 55.968 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

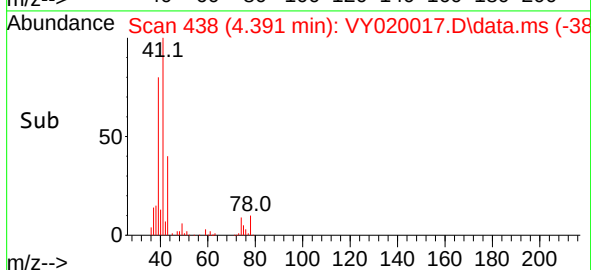
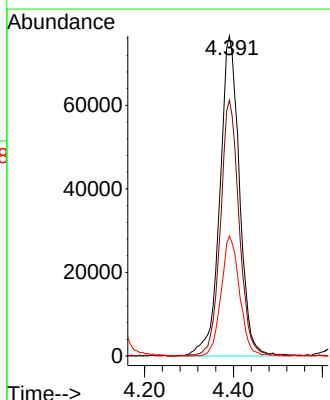
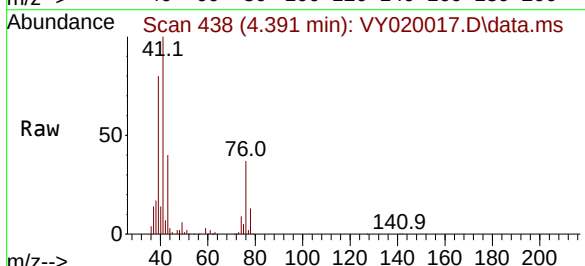
Tgt Ion: 41 Resp: 233586

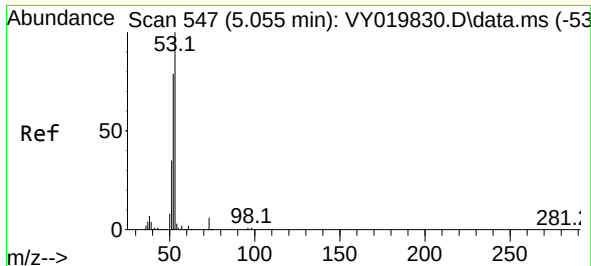
Ion Ratio Lower Upper

41 100

39 76.0 58.3 87.5

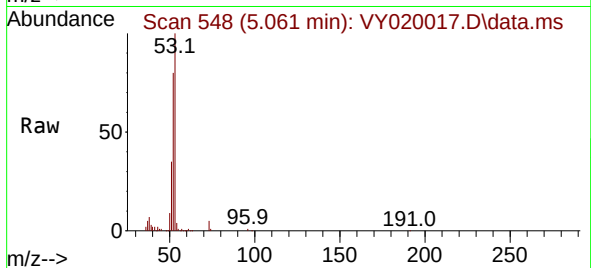
76 35.4 39.0 58.6#



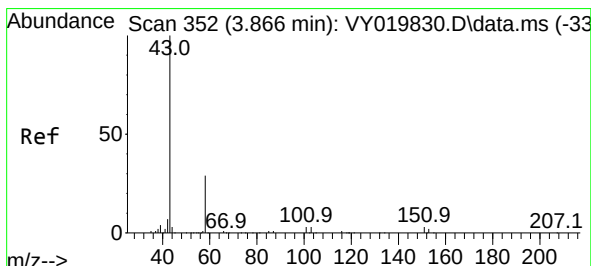
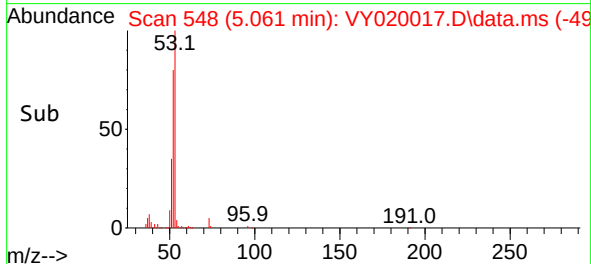
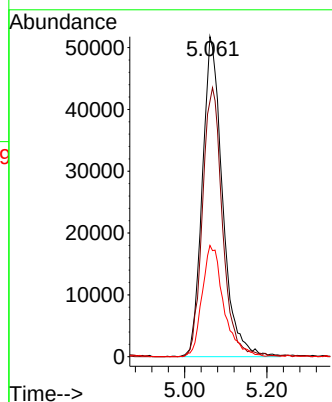


#15
Acrylonitrile
Concen: 297.213 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_Y
ClientSampleId :

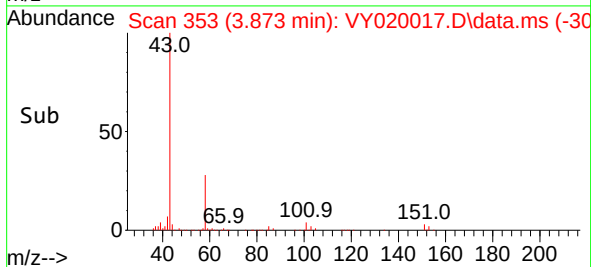
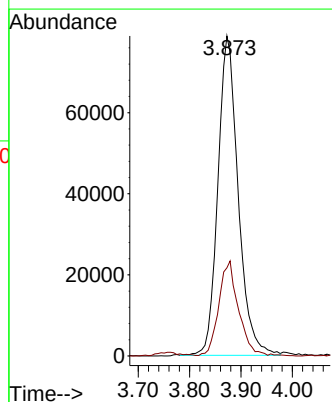
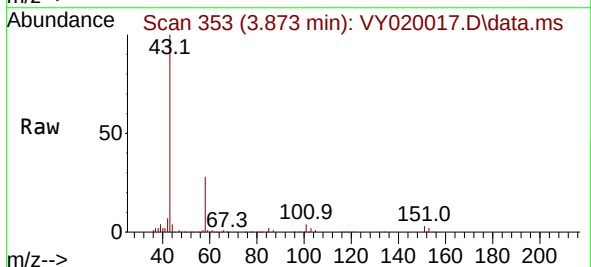


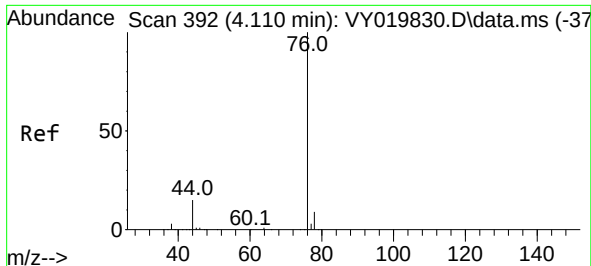
Tgt Ion: 53 Resp: 176736
Ion Ratio Lower Upper
53 100
52 83.2 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 312.793 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 43 Resp: 216173
Ion Ratio Lower Upper
43 100
58 27.3 31.7 47.5#





#17

Carbon Disulfide

Concen: 42.473 ug/l

RT: 4.110 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

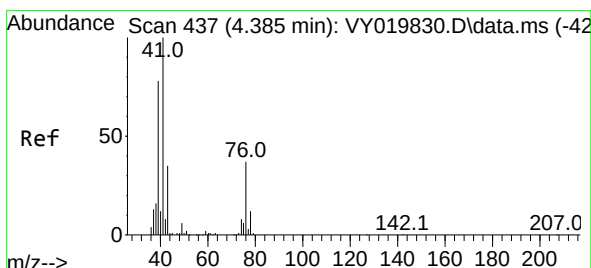
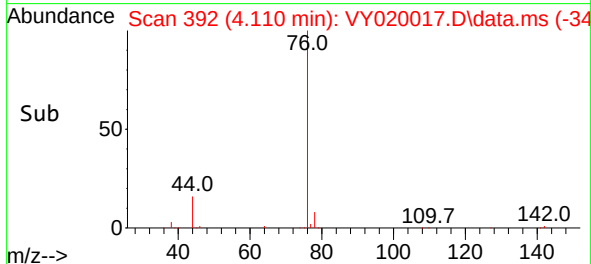
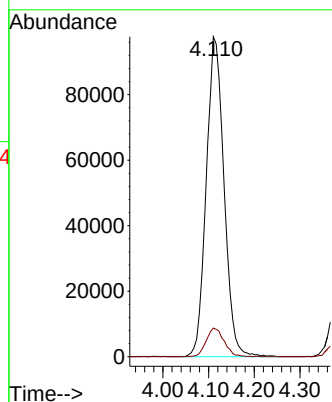
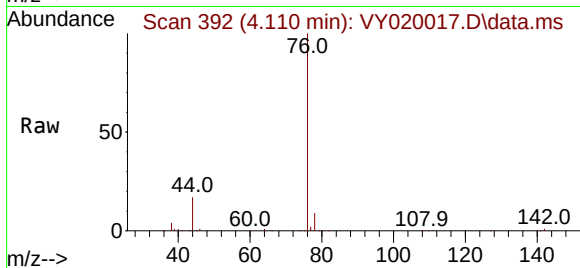
ClientSampleId :

Tgt Ion: 76 Resp: 263335

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2



#18

Methyl Acetate

Concen: 62.167 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020017.D

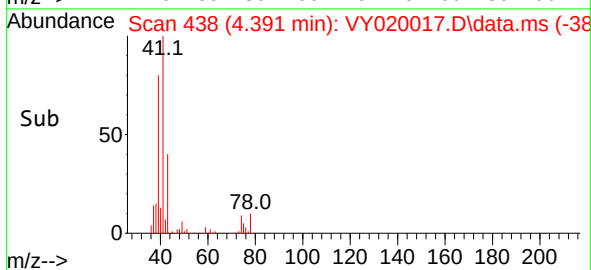
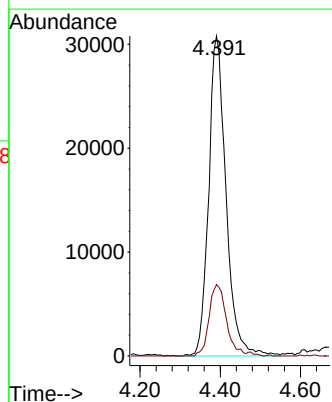
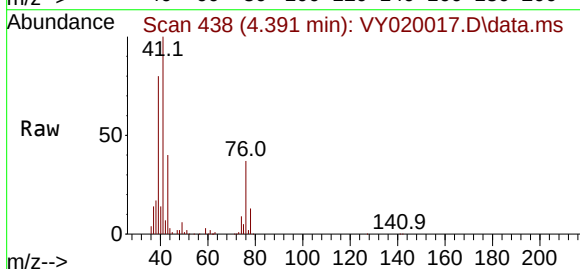
Acq: 25 Oct 2024 11:04

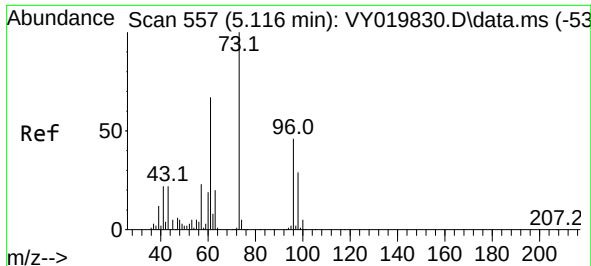
Tgt Ion: 43 Resp: 92552

Ion Ratio Lower Upper

43 100

74 22.2 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 56.852 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

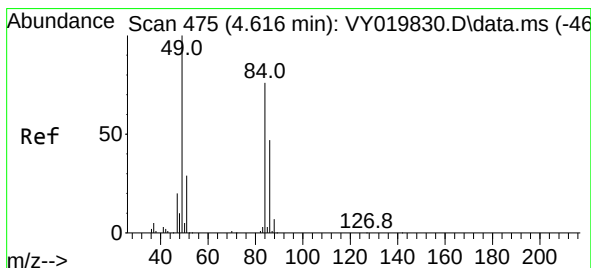
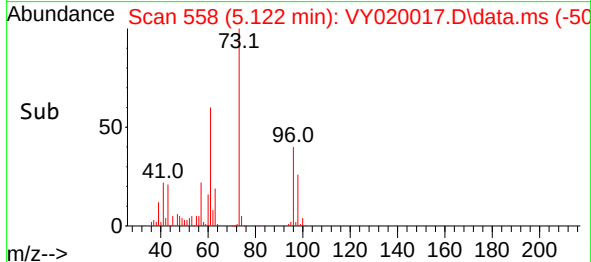
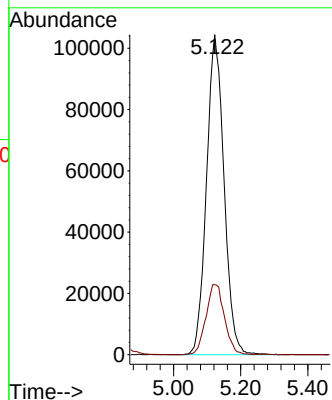
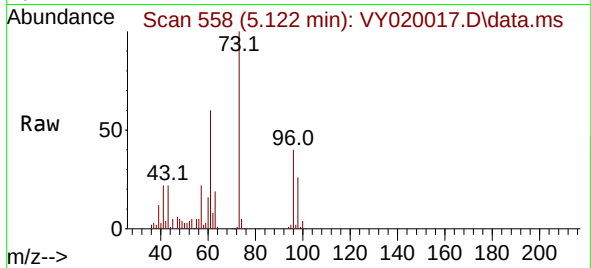
ClientSampleId :

Tgt Ion: 73 Resp: 377808

Ion Ratio Lower Upper

73 100

57 21.9 17.3 25.9



#20

Methylene Chloride

Concen: 55.910 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Tgt Ion: 84 Resp: 142529

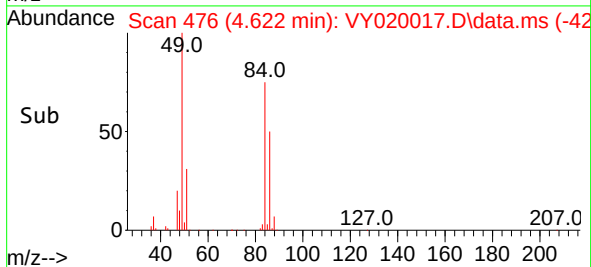
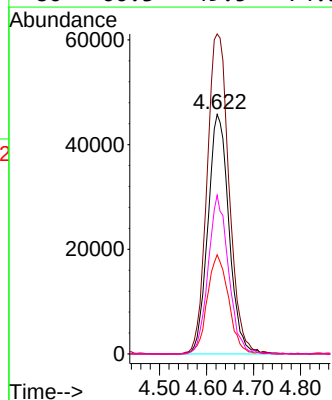
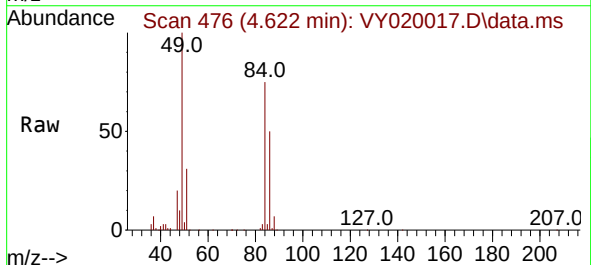
Ion Ratio Lower Upper

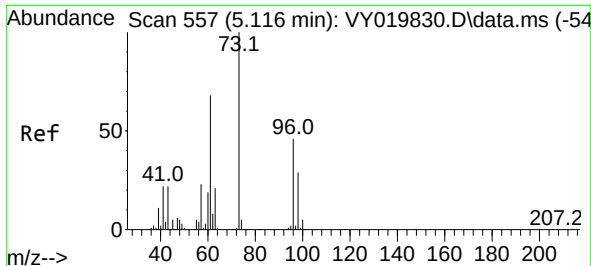
84 100

49 133.6 84.4 126.6#

51 41.4 26.0 39.0#

86 66.3 49.5 74.3

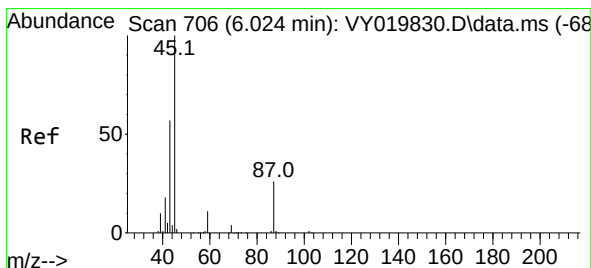
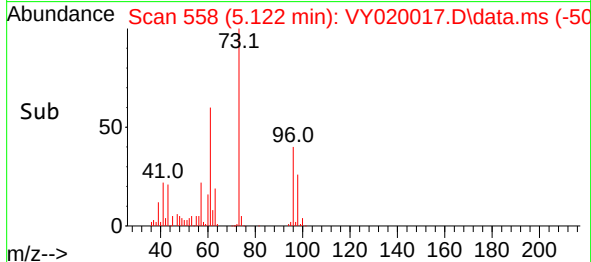
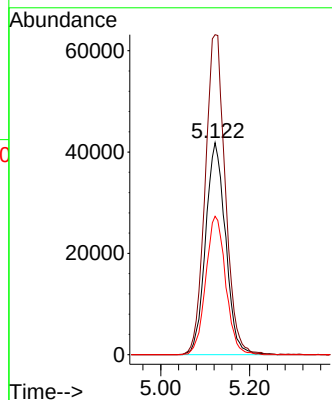
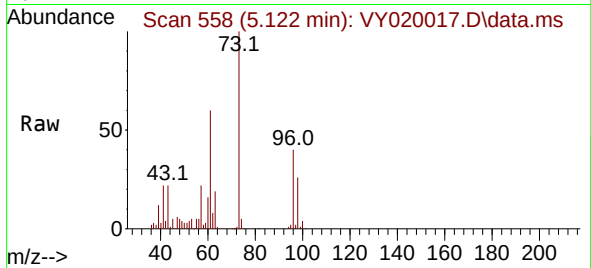




#21
trans-1,2-Dichloroethene
Concen: 51.992 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

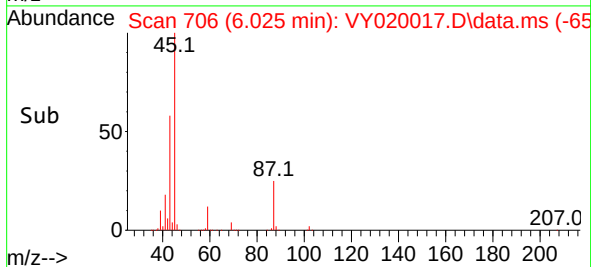
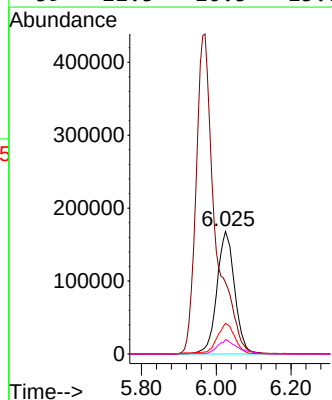
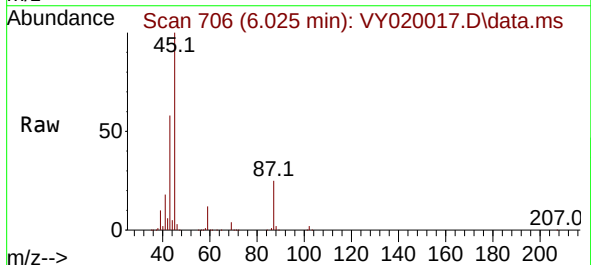
Instrument :
MSVOA_Y
ClientSampleId :

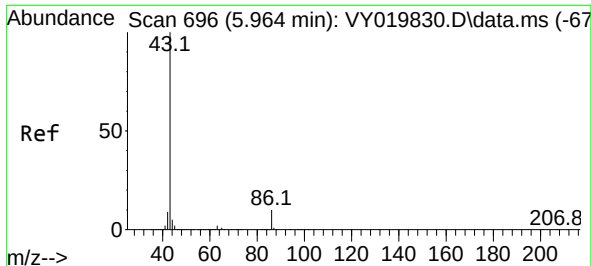
Tgt Ion: 96 Resp: 130893
Ion Ratio Lower Upper
96 100
61 150.8 97.5 146.3#
98 65.3 50.5 75.7



#22
Diisopropyl ether
Concen: 60.986 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 45 Resp: 554415
Ion Ratio Lower Upper
45 100
43 58.1 42.2 63.2
87 24.9 25.0 37.6#
59 11.5 10.5 15.7

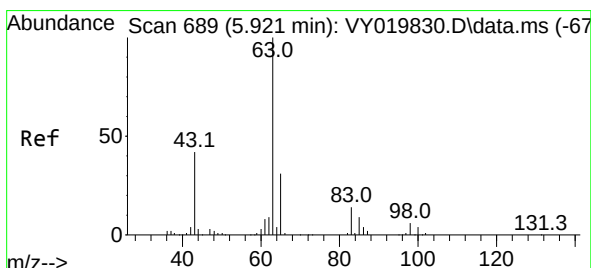
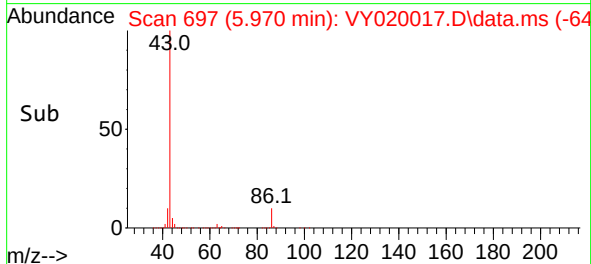
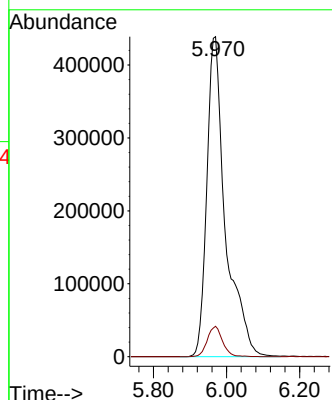
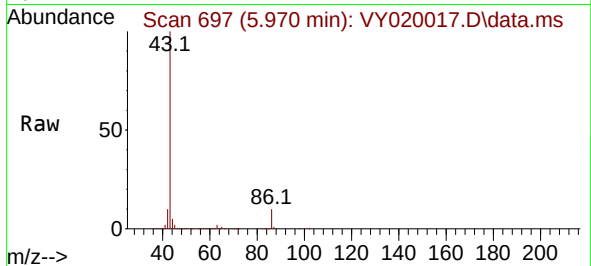




#23
 Vinyl Acetate
 Concen: 297.144 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.013 min
 Lab File: VY020017.D
 Acq: 25 Oct 2024 11:04

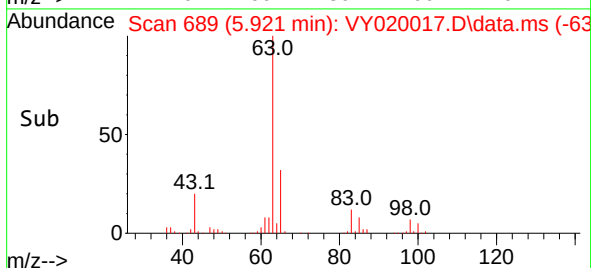
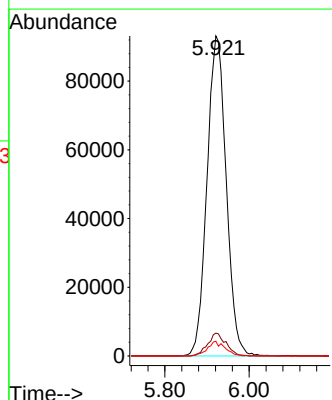
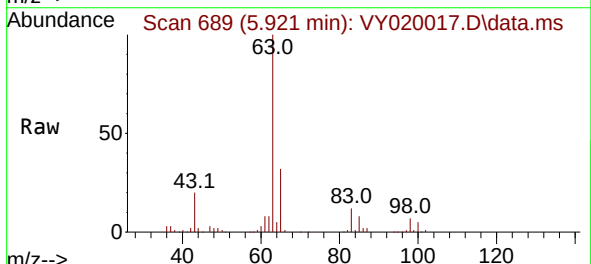
Instrument :
 MSVOA_Y
 ClientSampleId :

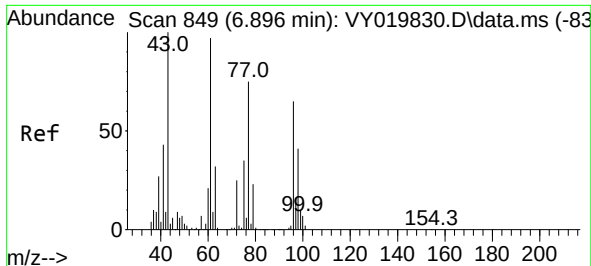
Tgt Ion: 43 Resp: 1548600
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 58.443 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY020017.D
 Acq: 25 Oct 2024 11:04

Tgt Ion: 63 Resp: 295334
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 4.6 2.6 8.0

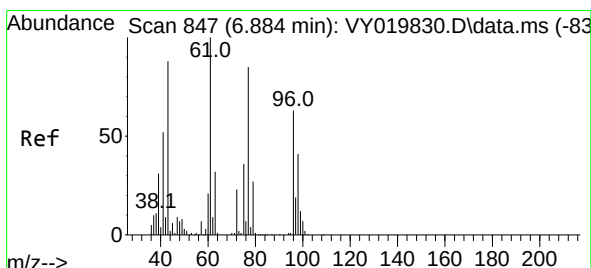
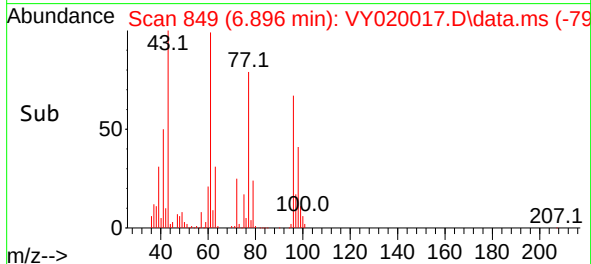
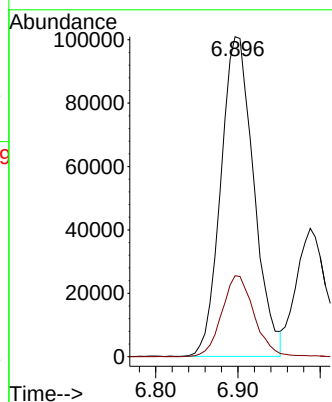
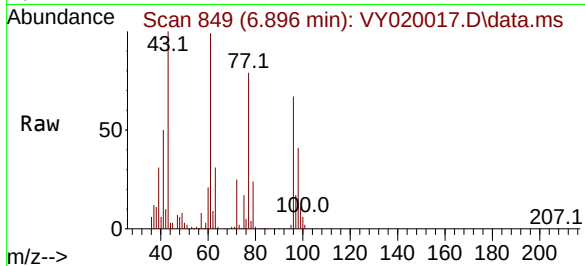




#25
2-Butanone
Concen: 303.575 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

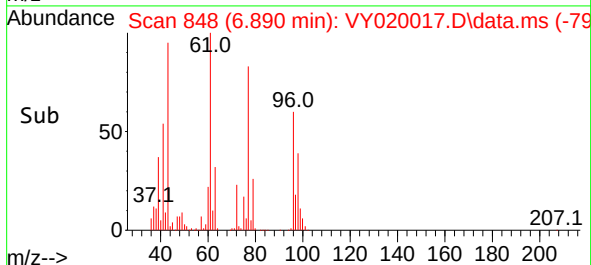
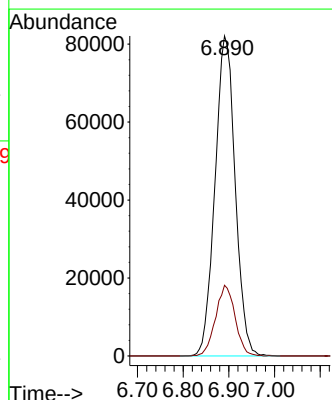
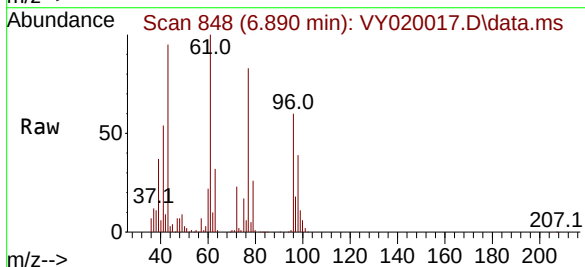
Instrument :
MSVOA_Y
ClientSampleId :

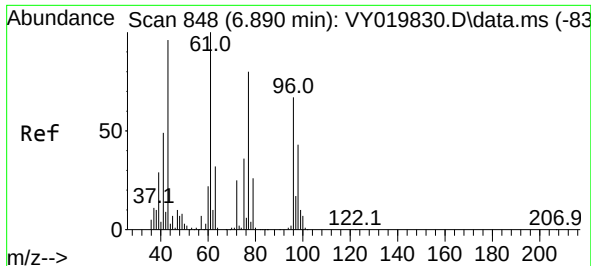
Tgt Ion: 43 Resp: 280827
Ion Ratio Lower Upper
43 100
72 25.3 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 55.973 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

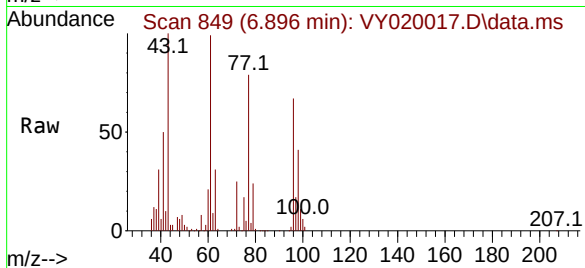
Tgt Ion: 77 Resp: 251902
Ion Ratio Lower Upper
77 100
97 21.3 12.0 36.1



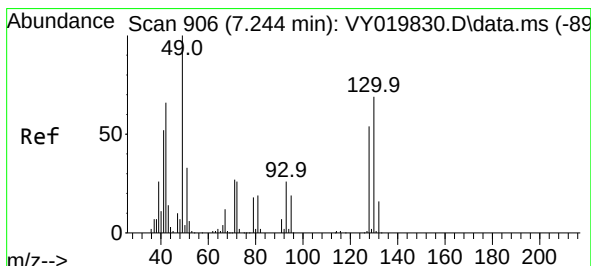
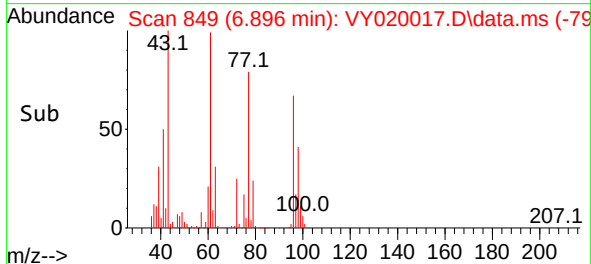
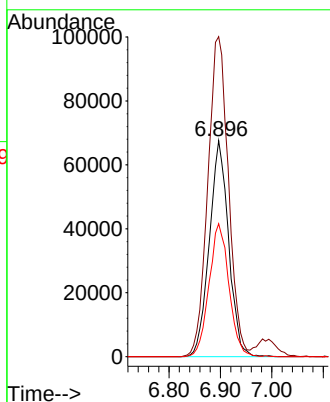


#27
 cis-1,2-Dichloroethene
 Concen: 56.613 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY020017.D
 Acq: 25 Oct 2024 11:04

Instrument :
 MSVOA_Y
 ClientSampleId :

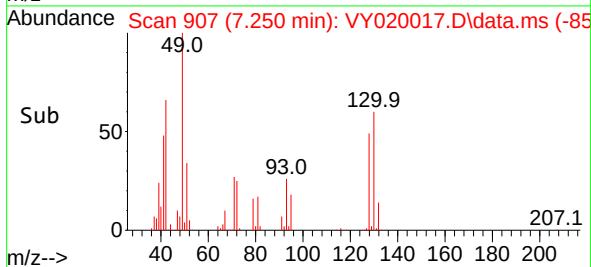
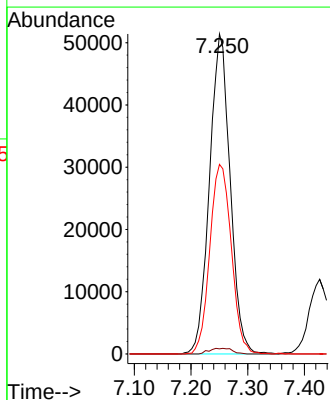
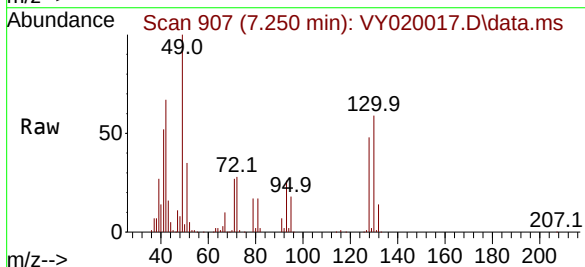


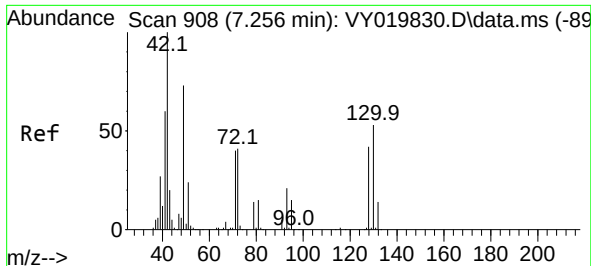
Tgt Ion: 96 Resp: 176134
 Ion Ratio Lower Upper
 96 100
 61 158.5 0.0 256.2
 98 63.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 58.357 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020017.D
 Acq: 25 Oct 2024 11:04

Tgt Ion: 49 Resp: 129799
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 61.7 72.7 109.1#





#29

Tetrahydrofuran

Concen: 288.586 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

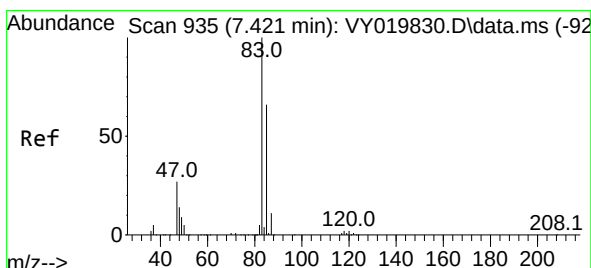
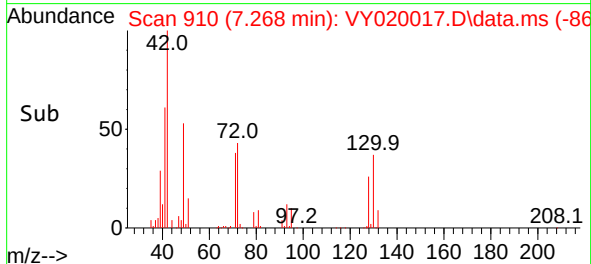
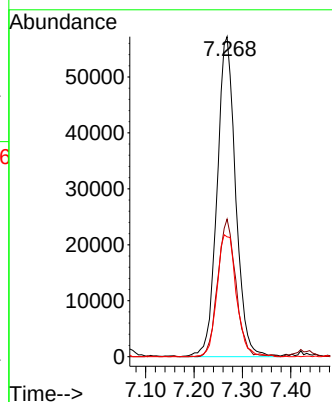
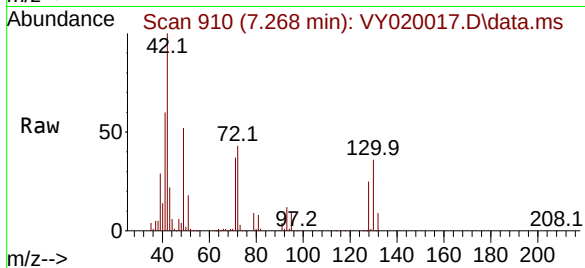
Tgt Ion: 42 Resp: 152429

Ion Ratio Lower Upper

42 100

72 41.9 43.0 64.4#

71 39.9 40.8 61.2#



#30

Chloroform

Concen: 60.195 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020017.D

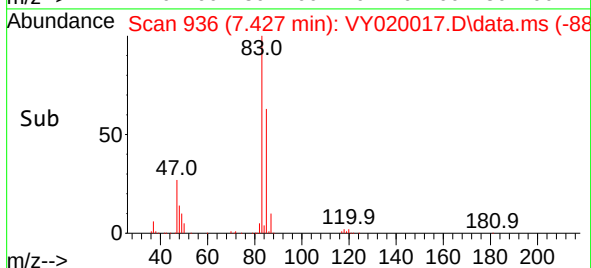
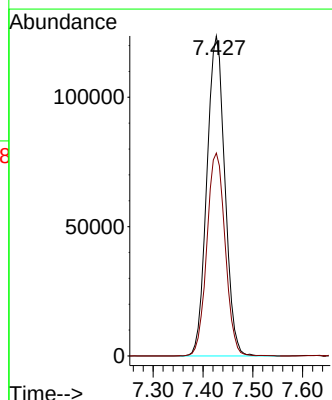
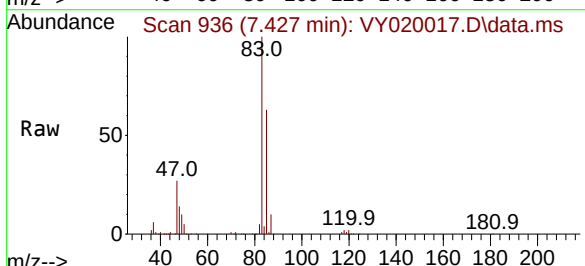
Acq: 25 Oct 2024 11:04

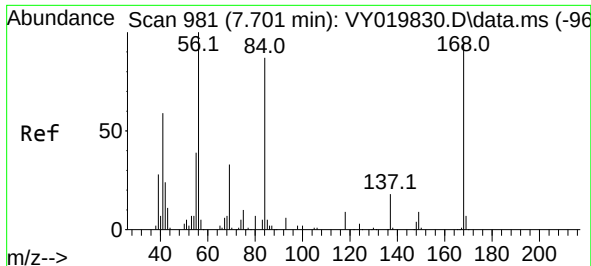
Tgt Ion: 83 Resp: 310087

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4

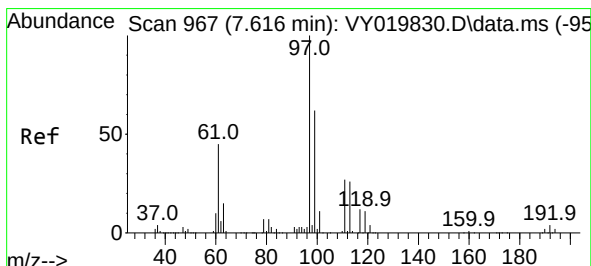
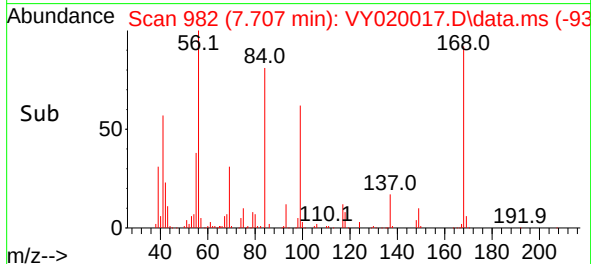
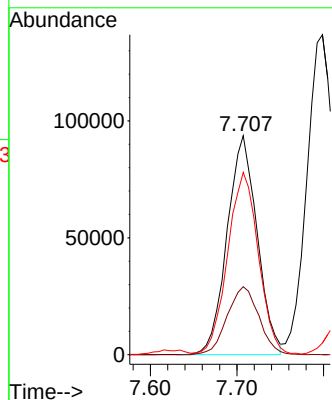
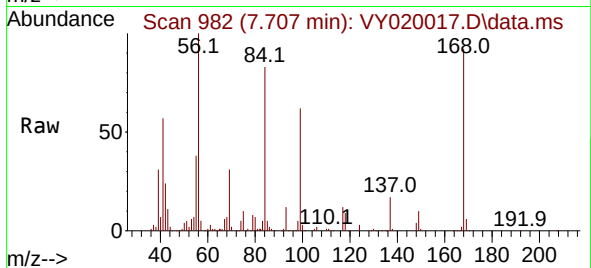




#31
Cyclohexane
Concen: 50.880 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

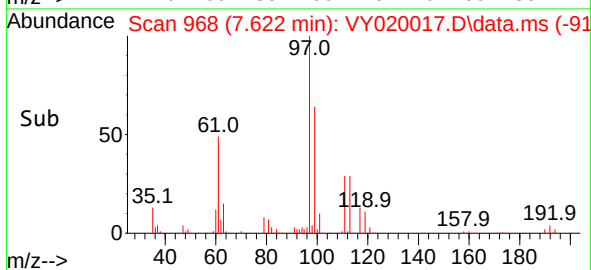
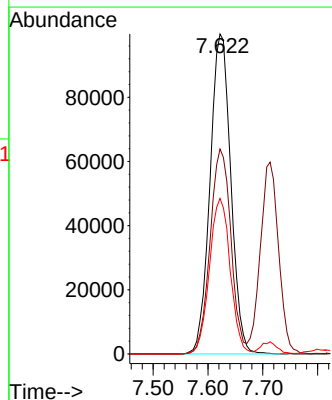
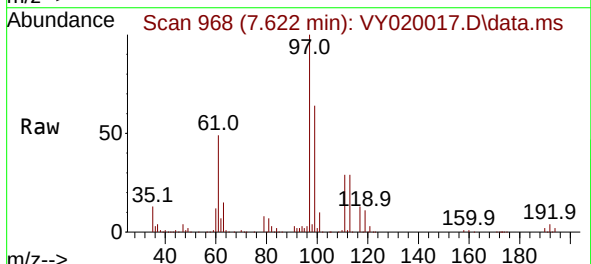
Instrument :
MSVOA_Y
ClientSampleId :

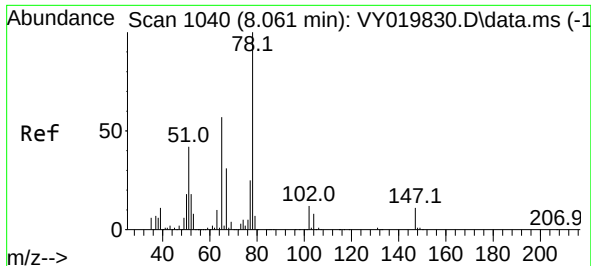
Tgt Ion: 56 Resp: 225705
Ion Ratio Lower Upper
56 100
69 31.0 28.7 43.1
84 81.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 58.088 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 97 Resp: 262236
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 48.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.935 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

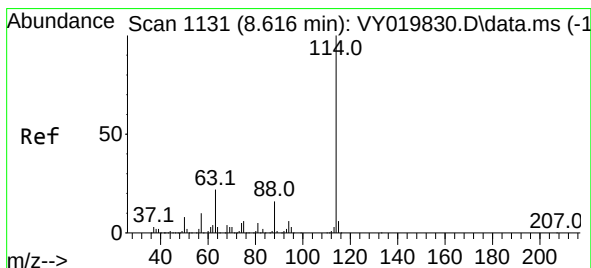
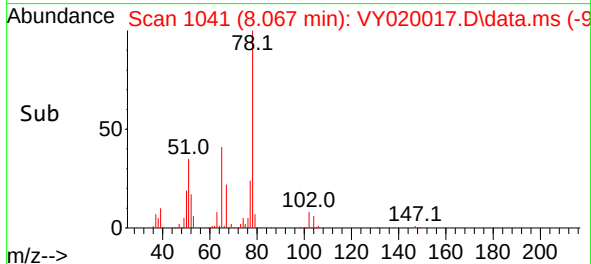
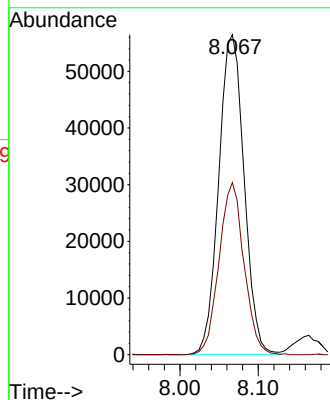
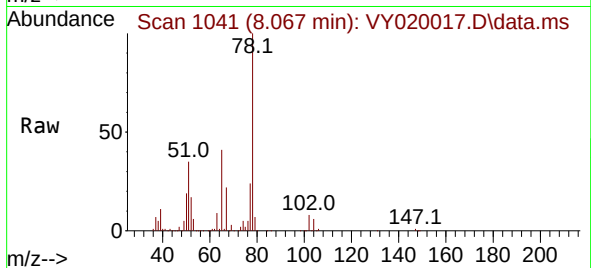
ClientSampleId :

Tgt Ion: 65 Resp: 127260

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

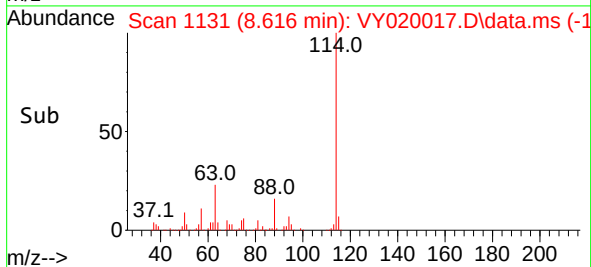
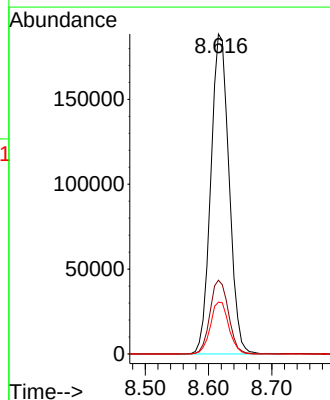
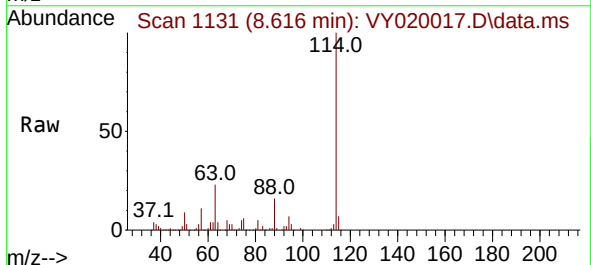
Tgt Ion:114 Resp: 377120

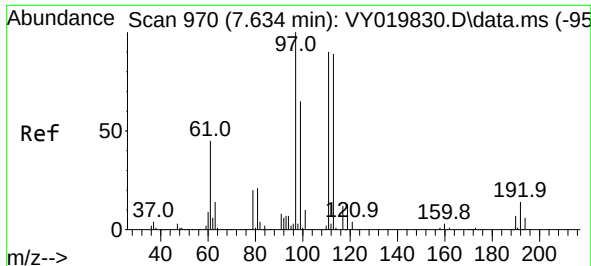
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

88 16.2 0.0 27.2

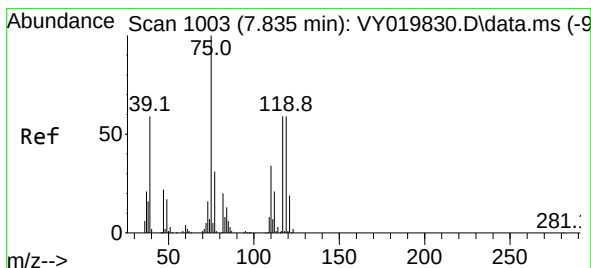
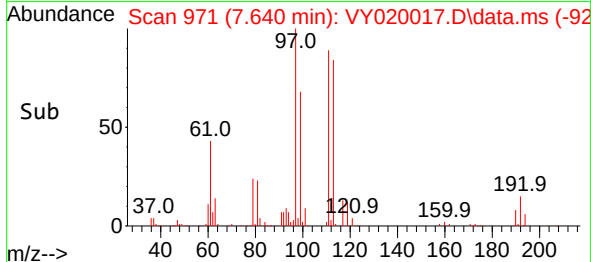
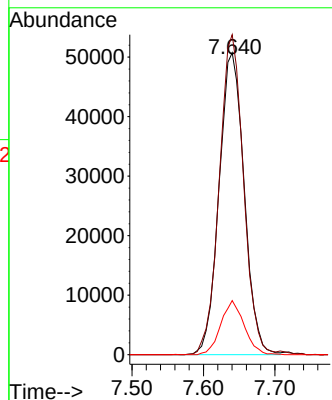
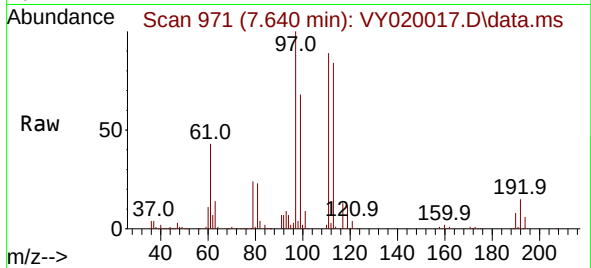




#35
Dibromofluoromethane
Concen: 49.621 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

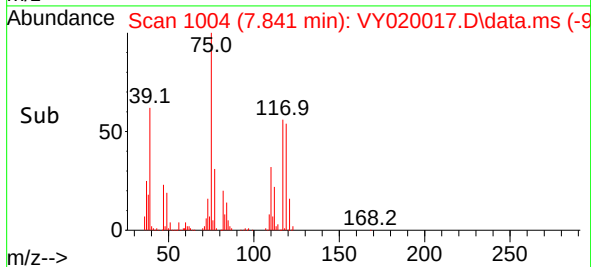
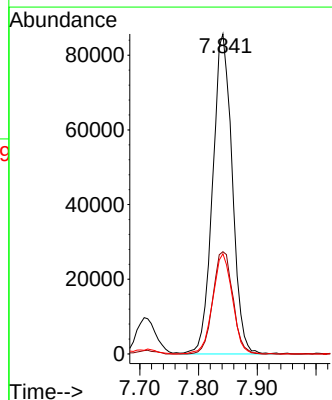
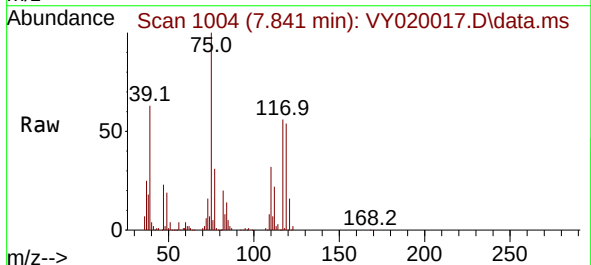
Instrument :
MSVOA_Y
ClientSampleId :

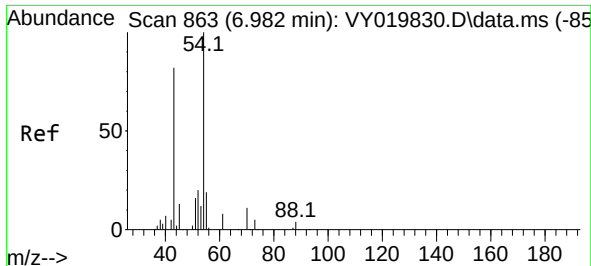
Tgt Ion:113 Resp: 123486
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 55.160 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 75 Resp: 197761
Ion Ratio Lower Upper
75 100
110 32.7 19.0 57.0
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 57.590 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

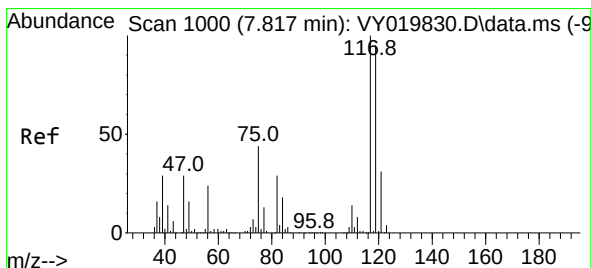
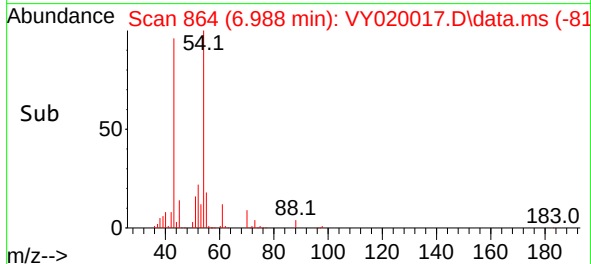
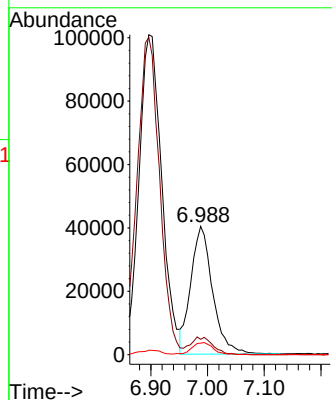
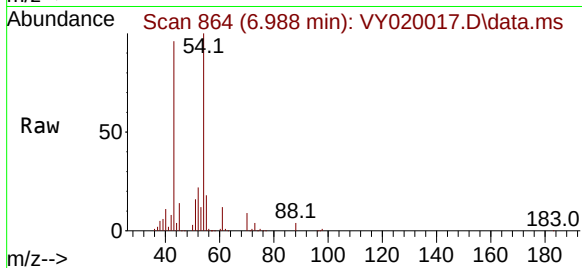
Tgt Ion: 43 Resp: 107664

Ion Ratio Lower Upper

43 100

61 13.8 12.6 19.0

70 9.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 56.689 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

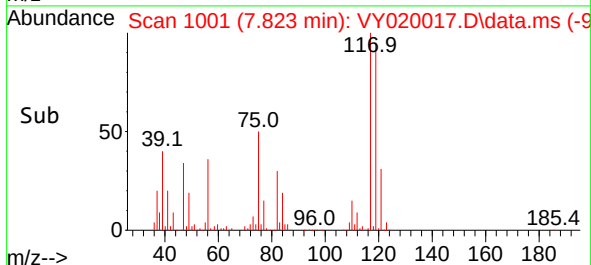
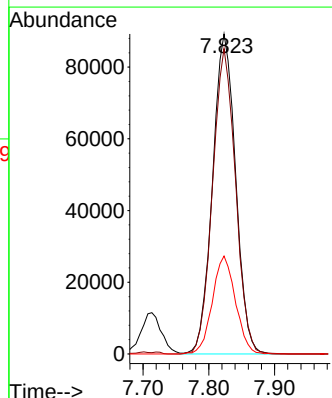
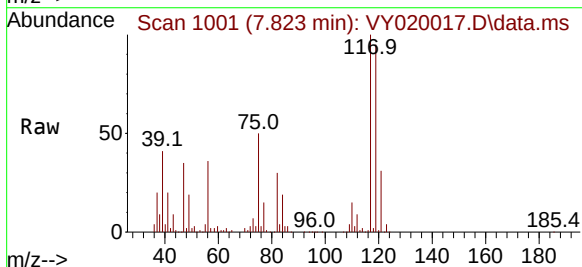
Tgt Ion: 117 Resp: 217885

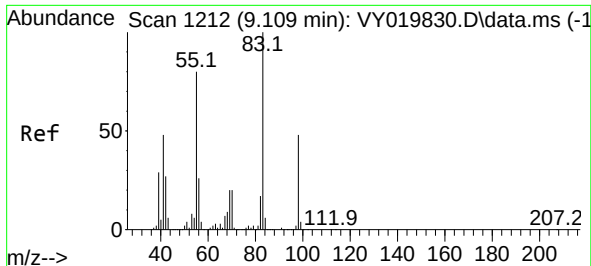
Ion Ratio Lower Upper

117 100

119 95.5 75.8 113.6

121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 54.024 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

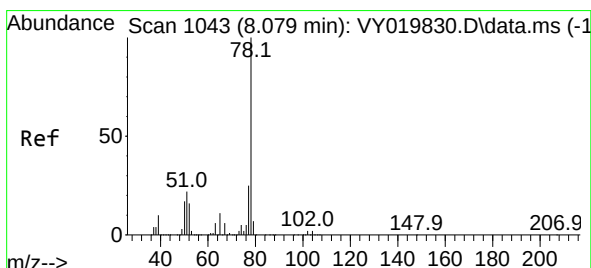
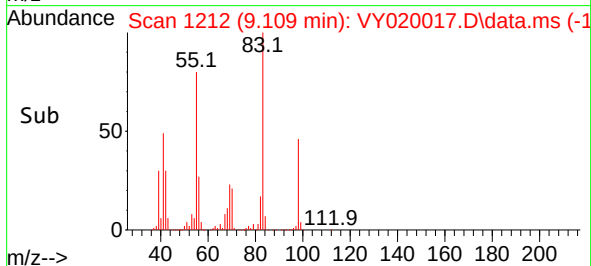
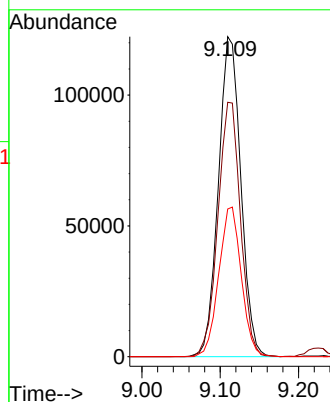
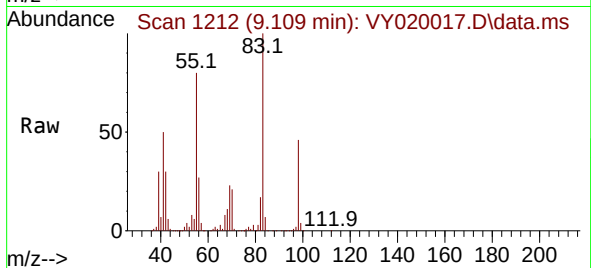
Tgt Ion: 83 Resp: 244046

Ion Ratio Lower Upper

83 100

55 79.5 51.5 77.3#

98 46.2 40.5 60.7



#40

Benzene

Concen: 57.389 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY020017.D

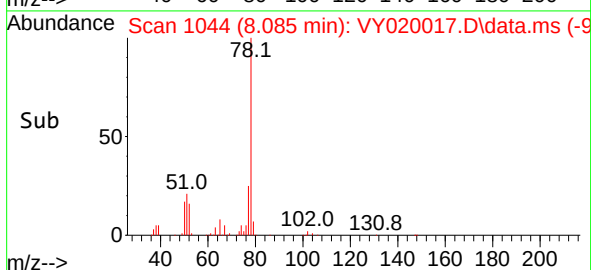
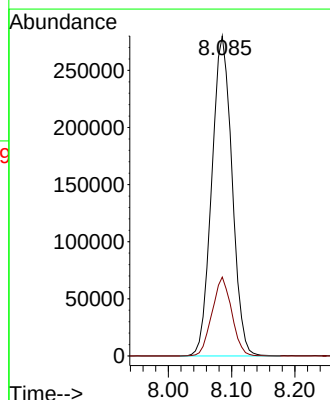
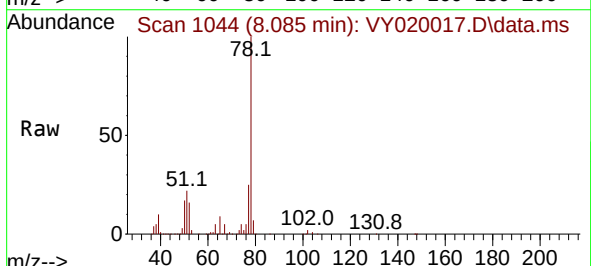
Acq: 25 Oct 2024 11:04

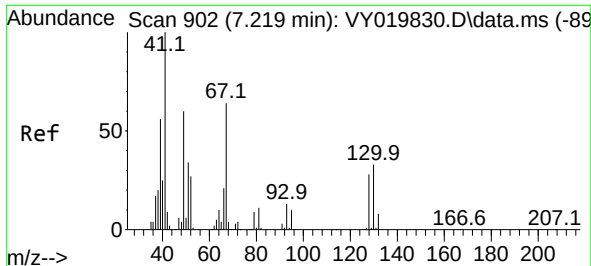
Tgt Ion: 78 Resp: 622688

Ion Ratio Lower Upper

78 100

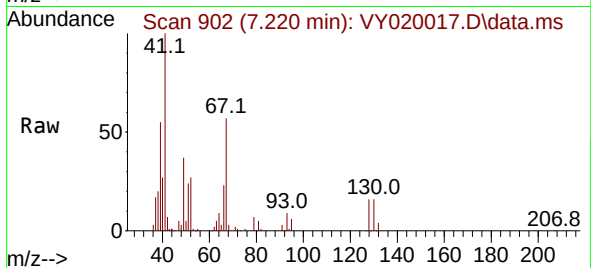
77 24.6 19.5 29.3



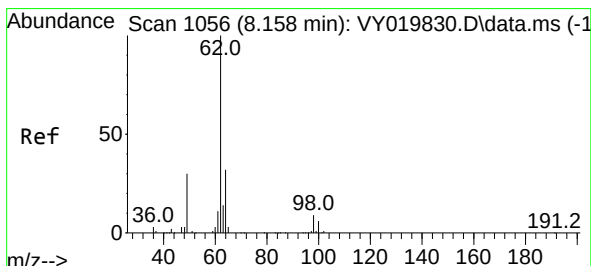
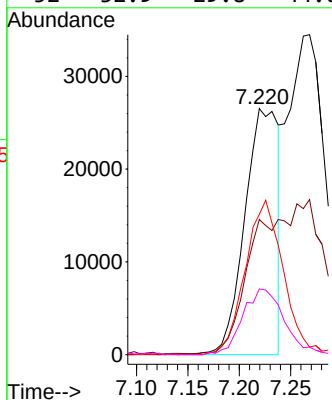
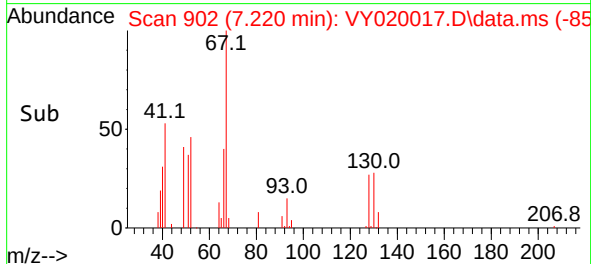


#41
Methacrylonitrile
Concen: 59.626 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_Y
ClientSampleId :

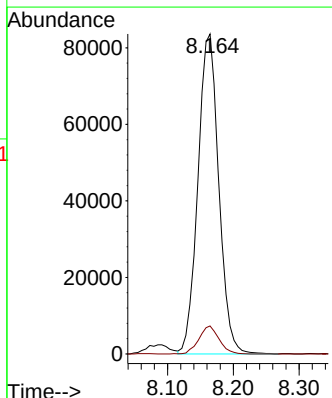
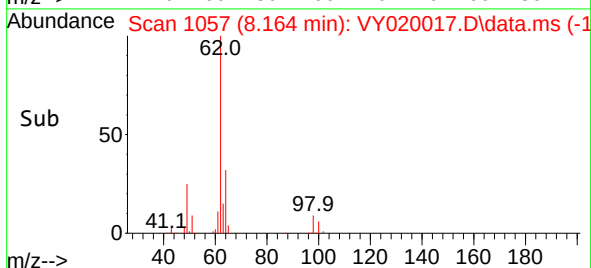
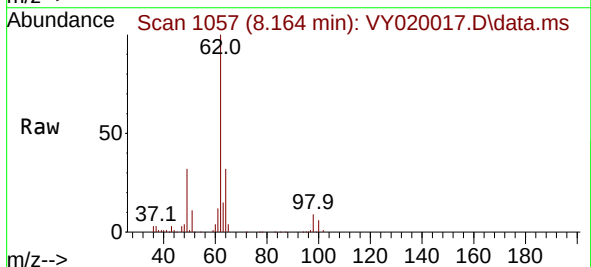


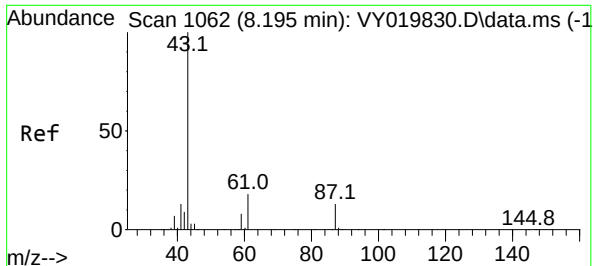
Tgt Ion:	41	Resp:	60330
Ion	Ratio	Lower	Upper
41	100		
39	45.5	48.0	72.0#
67	71.5	75.1	112.7#
52	32.9	29.8	44.6



#42
1,2-Dichloroethane
Concen: 59.116 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion:	62	Resp:	184278
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	22.0





#43

Isopropyl Acetate

Concen: 57.584 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

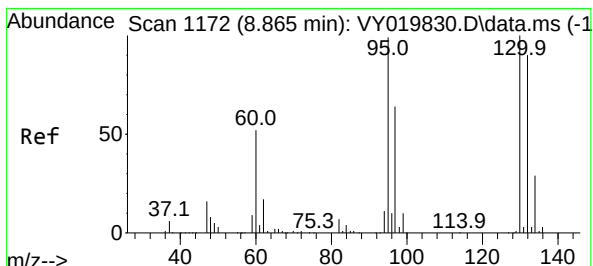
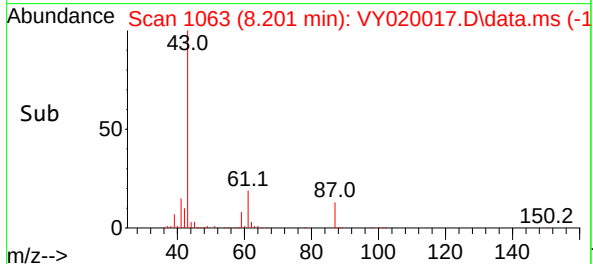
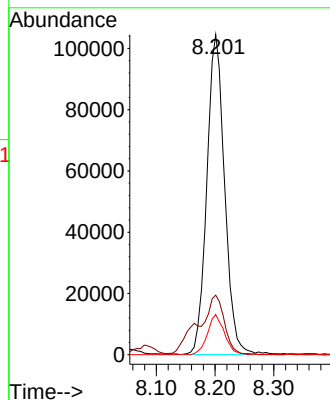
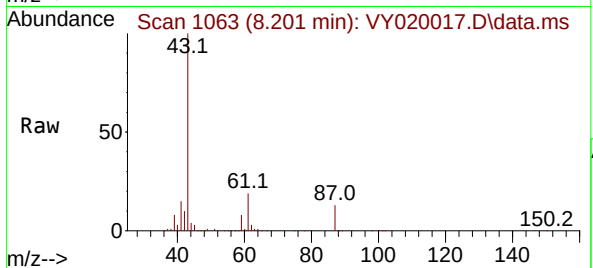
Tgt Ion: 43 Resp: 219548

Ion Ratio Lower Upper

43 100

61 18.0 27.9 41.9#

87 12.0 13.1 19.7#



#44

Trichloroethene

Concen: 54.597 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY020017.D

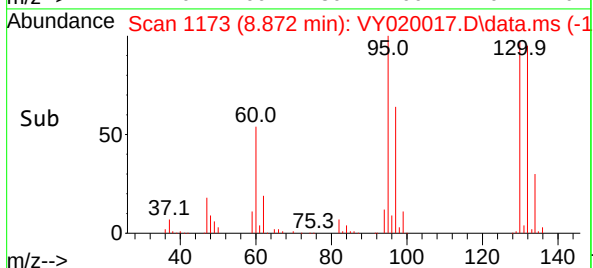
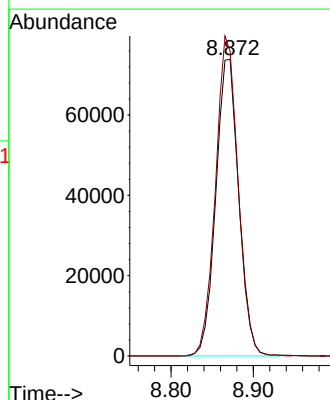
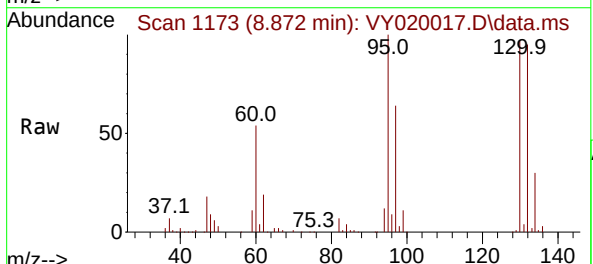
Acq: 25 Oct 2024 11:04

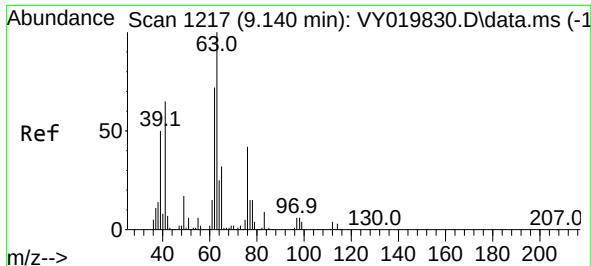
Tgt Ion:130 Resp: 143480

Ion Ratio Lower Upper

130 100

95 102.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 60.111 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

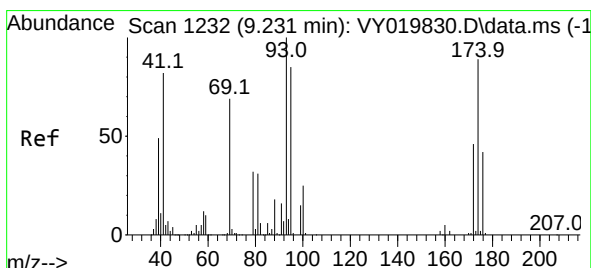
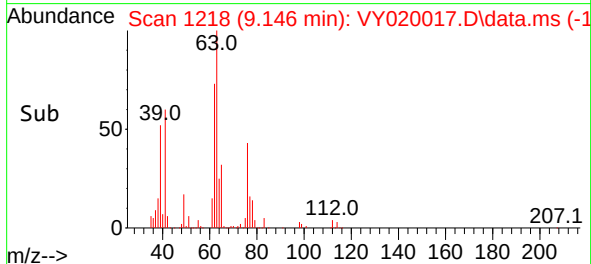
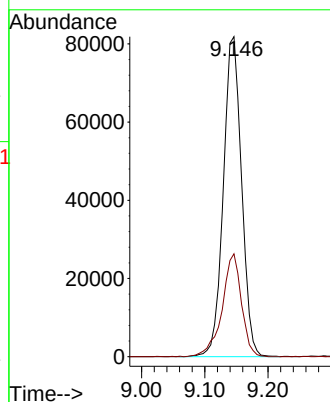
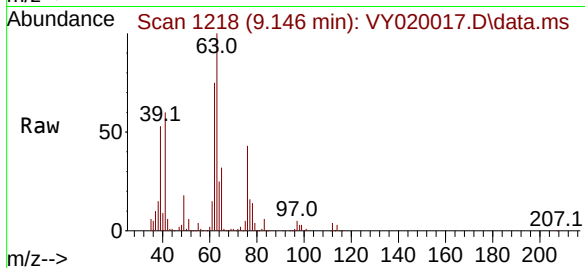
ClientSampleId :

Tgt Ion: 63 Resp: 163250

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2



#46

Dibromomethane

Concen: 57.295 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

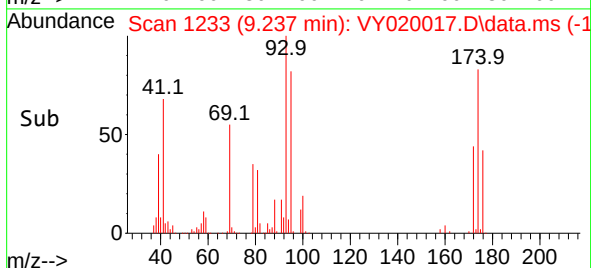
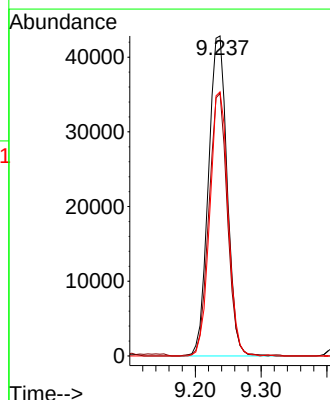
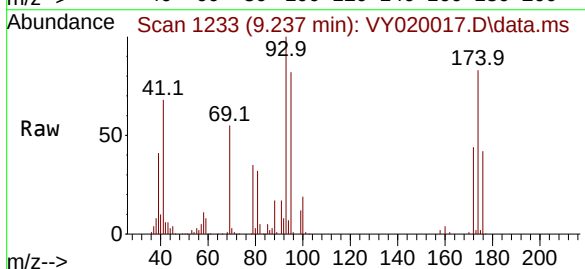
Tgt Ion: 93 Resp: 85014

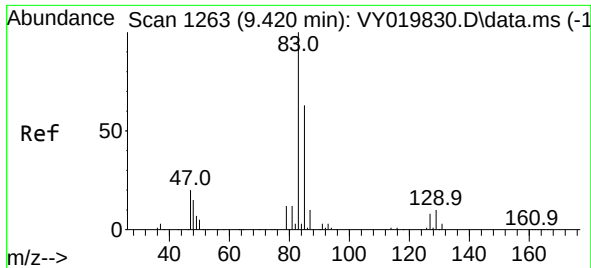
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.4

174 80.5 80.9 121.3





#47

Bromodichloromethane

Concen: 61.105 ug/l

RT: 9.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

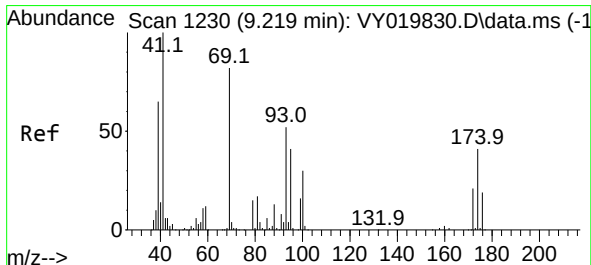
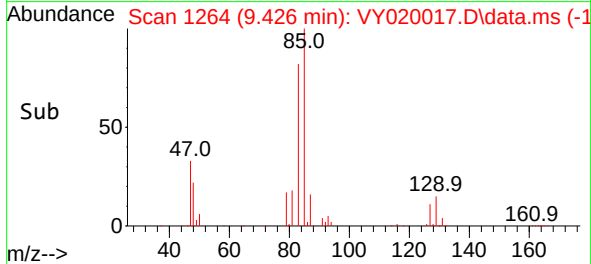
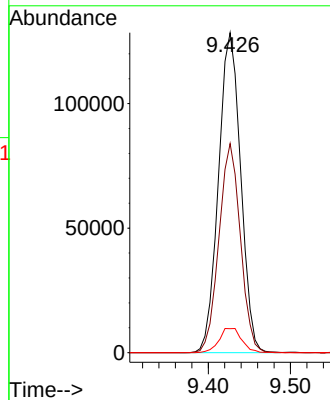
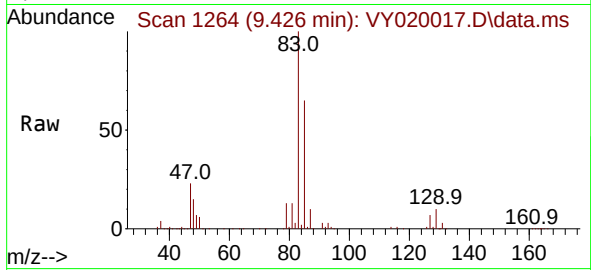
Tgt Ion: 83 Resp: 240661

Ion Ratio Lower Upper

83 100

85 65.3 50.1 75.1

127 7.5 7.4 11.0



#48

Methyl methacrylate

Concen: 60.116 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

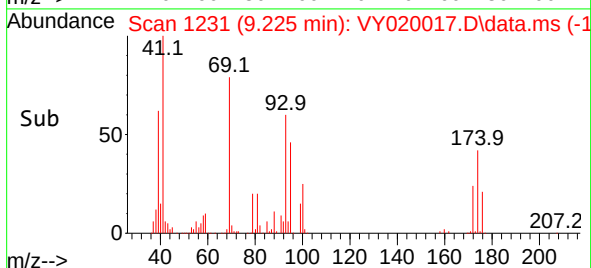
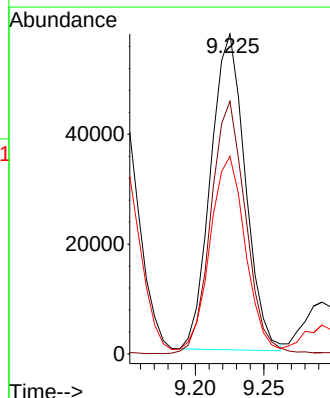
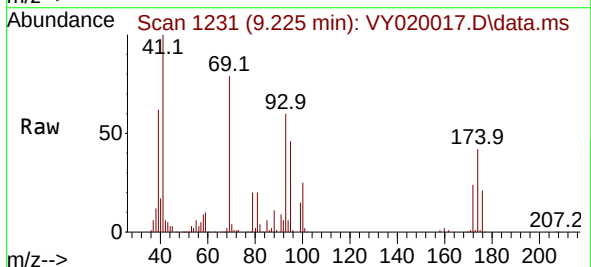
Tgt Ion: 41 Resp: 100819

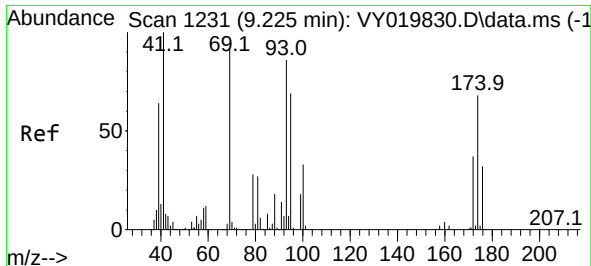
Ion Ratio Lower Upper

41 100

69 80.2 84.1 126.1#

39 61.8 43.6 65.4





#49

1,4-Dioxane

Concen: 1125.664 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

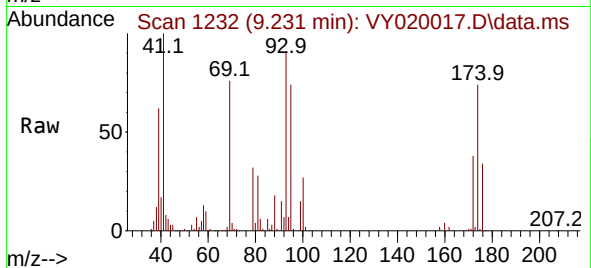
Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :



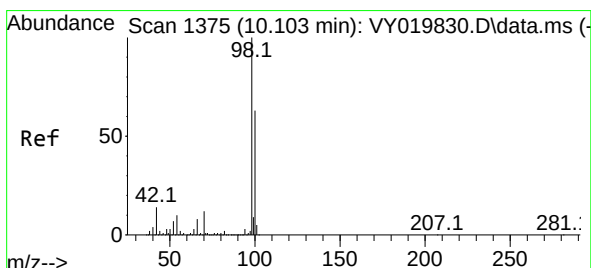
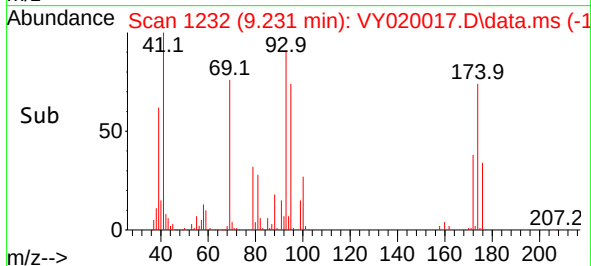
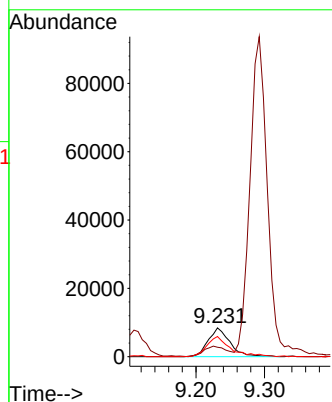
Tgt Ion: 88 Resp: 18694

Ion Ratio Lower Upper

88 100

43 38.4 0.0 0.0#

58 75.8 49.3 73.9#



#50

Toluene-d8

Concen: 48.698 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020017.D

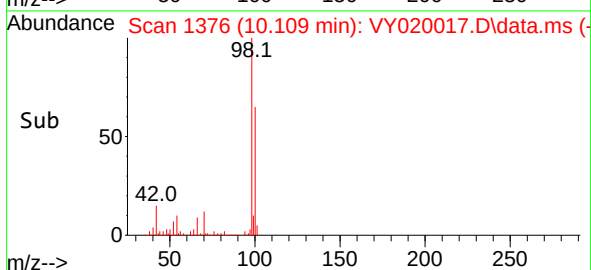
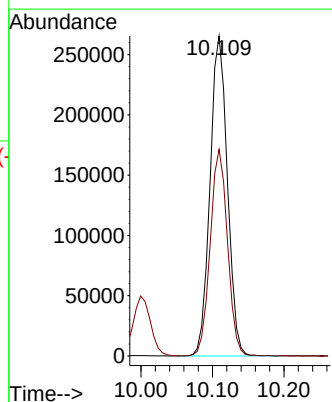
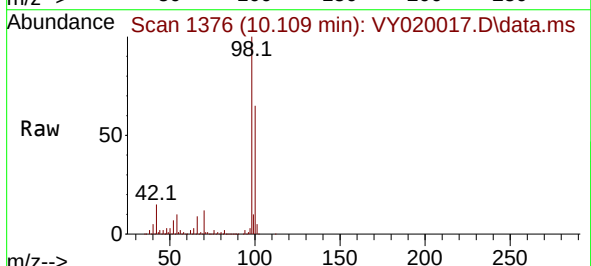
Acq: 25 Oct 2024 11:04

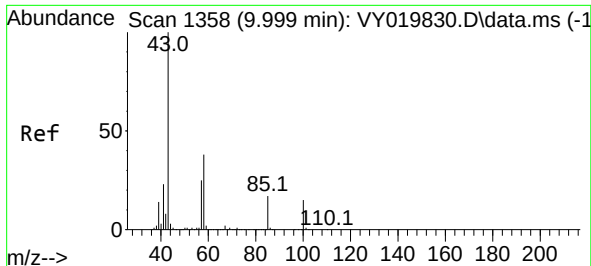
Tgt Ion: 98 Resp: 447535

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 312.360 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

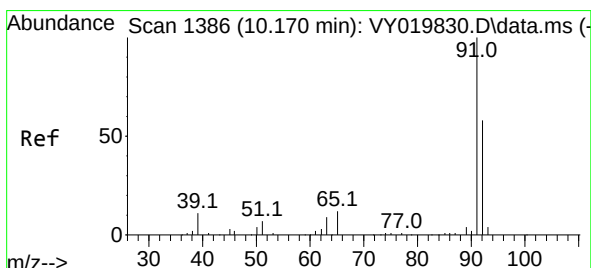
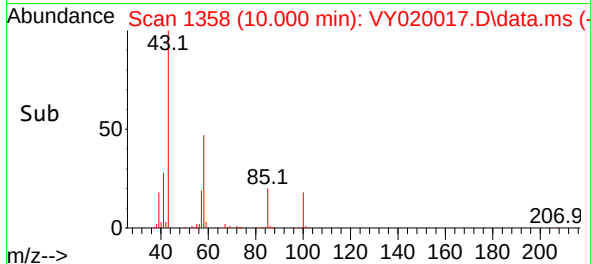
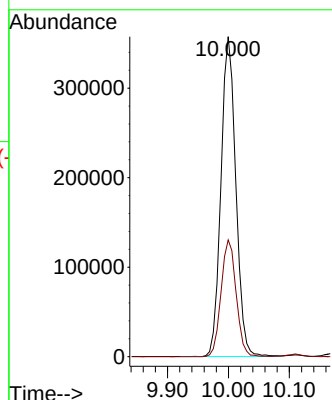
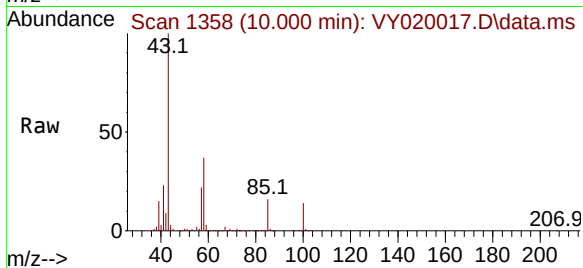
ClientSampleId :

Tgt Ion: 43 Resp: 607441

Ion Ratio Lower Upper

43 100

58 37.0 35.7 53.5



#52

Toluene

Concen: 59.051 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020017.D

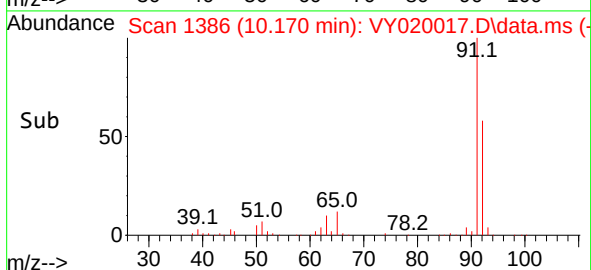
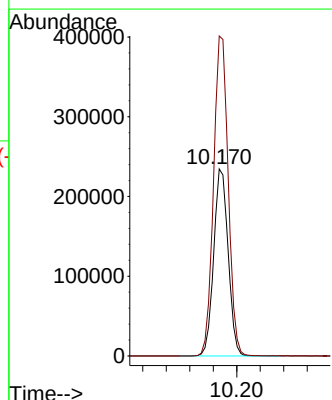
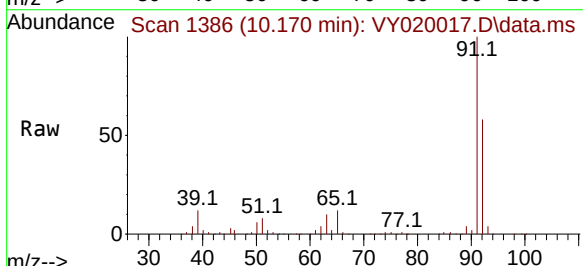
Acq: 25 Oct 2024 11:04

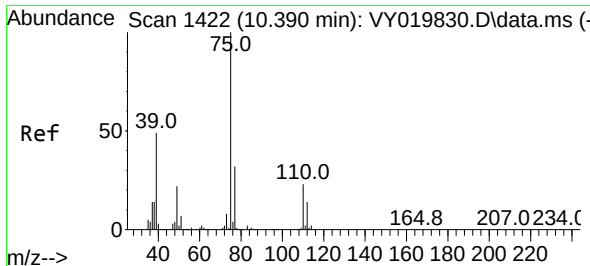
Tgt Ion: 92 Resp: 399949

Ion Ratio Lower Upper

92 100

91 173.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 59.292 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

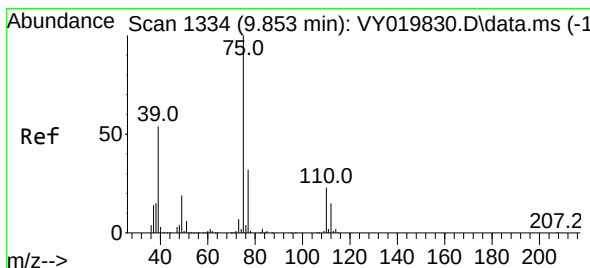
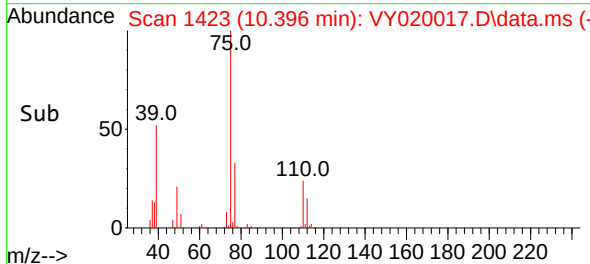
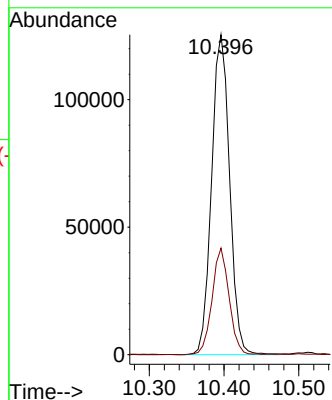
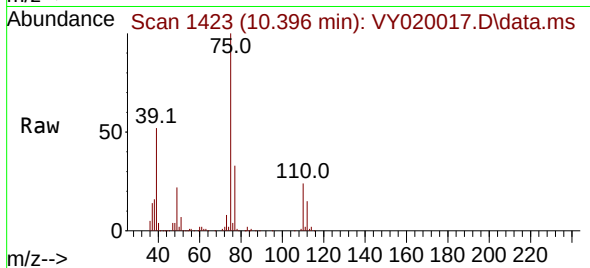
ClientSampleId :

Tgt Ion: 75 Resp: 210110

Ion Ratio Lower Upper

75 100

77 33.3 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 59.179 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

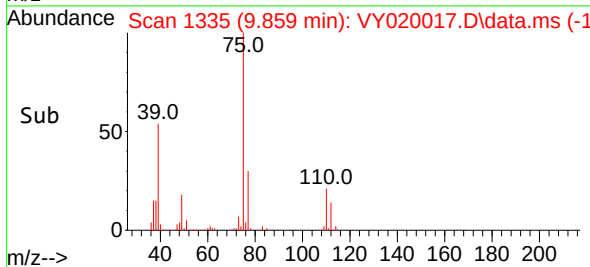
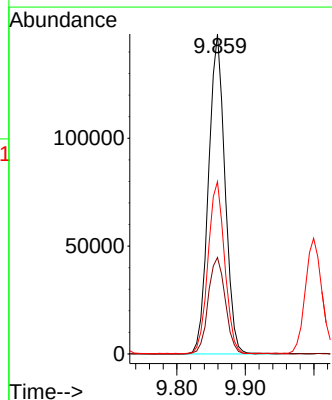
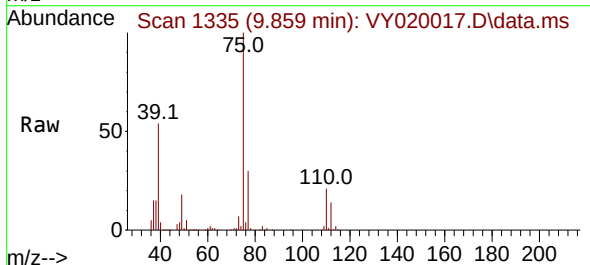
Tgt Ion: 75 Resp: 247451

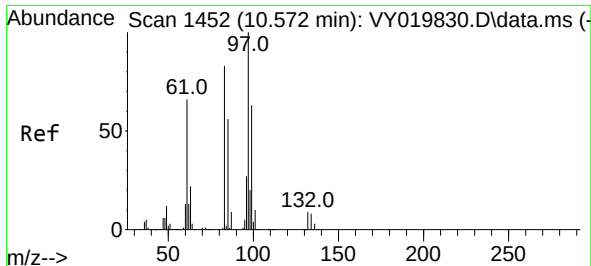
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

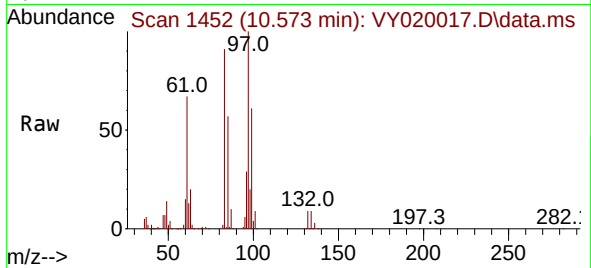
39 53.8 29.8 44.6#



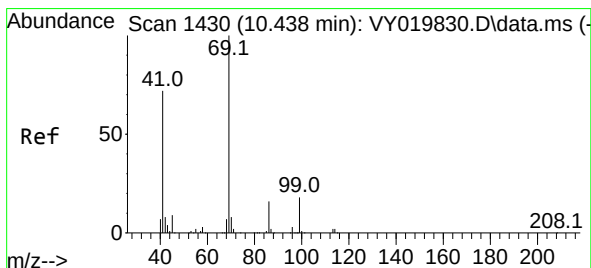
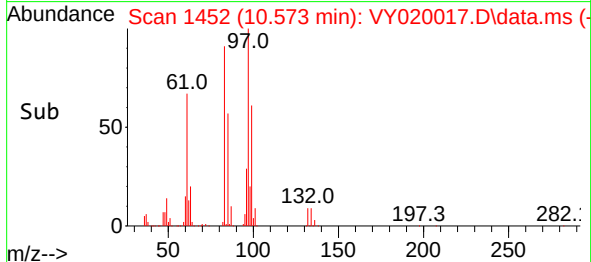
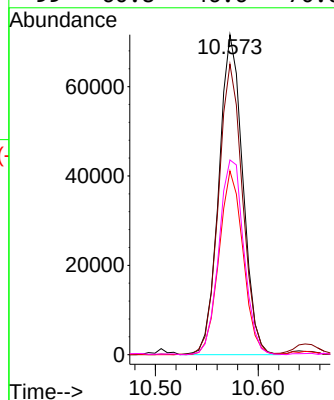


#55
1,1,2-Trichloroethane
Concen: 59.238 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_Y
ClientSampleId :

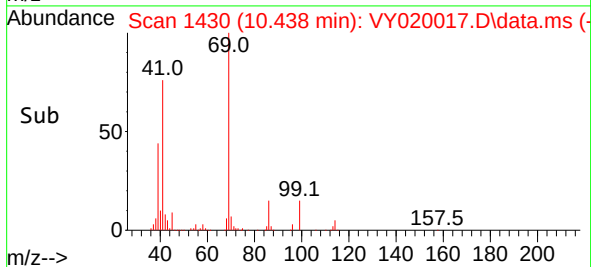
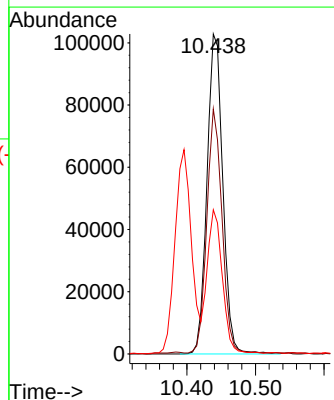
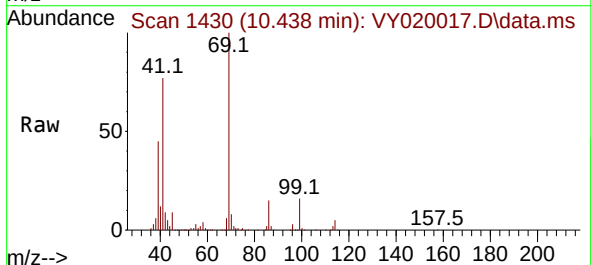


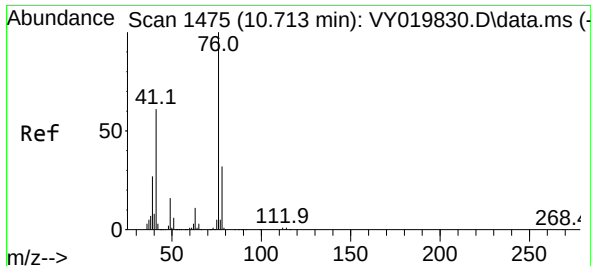
Tgt Ion: 97	Resp: 115805
Ion Ratio	Lower Upper
97 100	
83 90.7	67.5 101.3
85 57.3	42.9 64.3
99 60.8	46.6 70.0



#56
Ethyl methacrylate
Concen: 59.025 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 69	Resp: 165570
Ion Ratio	Lower Upper
69 100	
41 73.2	42.3 63.5#
39 42.5	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 59.622 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

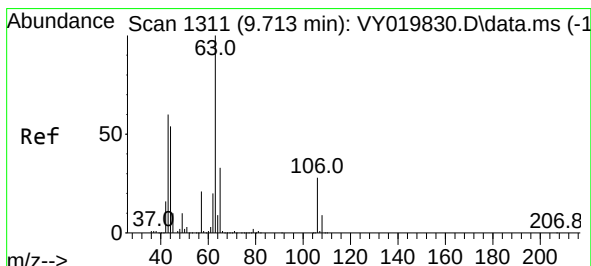
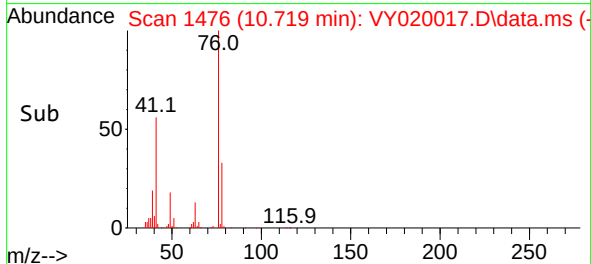
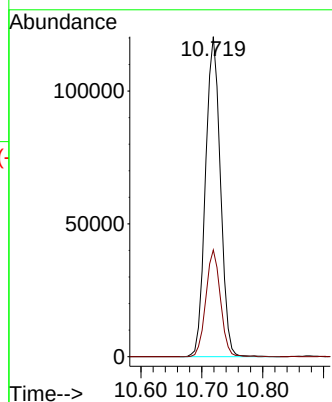
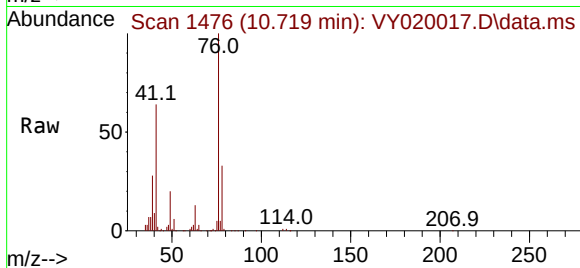
ClientSampleId :

Tgt Ion: 76 Resp: 204688

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 282.488 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020017.D

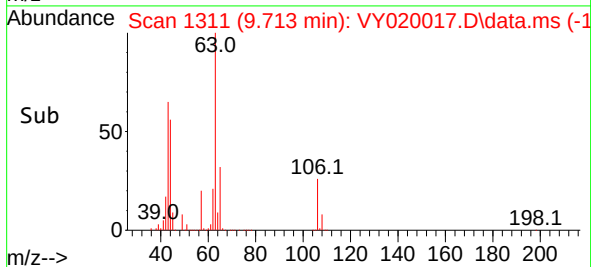
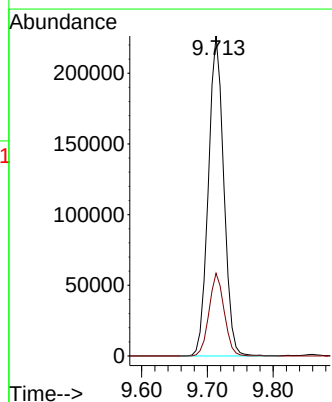
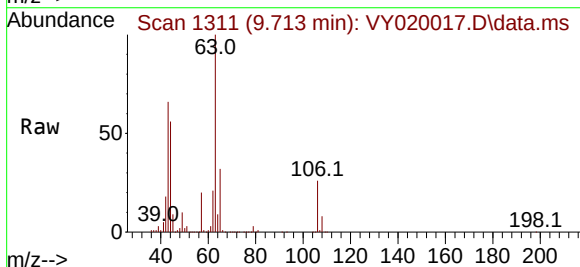
Acq: 25 Oct 2024 11:04

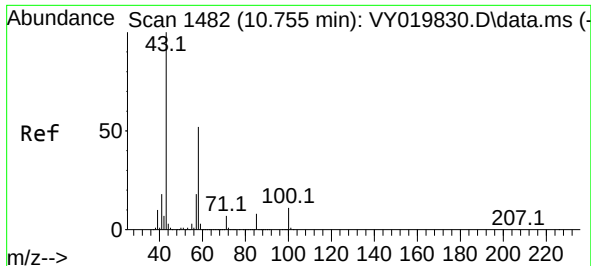
Tgt Ion: 63 Resp: 368891

Ion Ratio Lower Upper

63 100

106 25.4 23.7 35.5

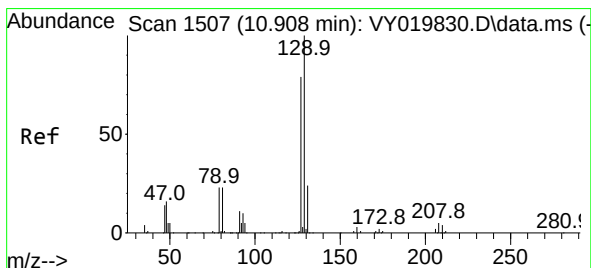
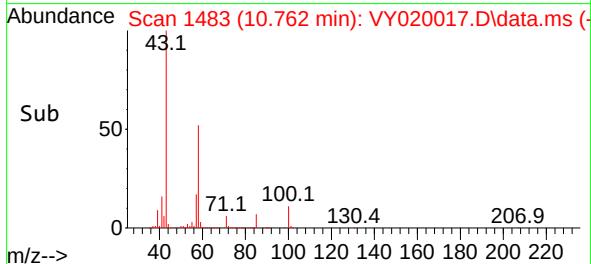
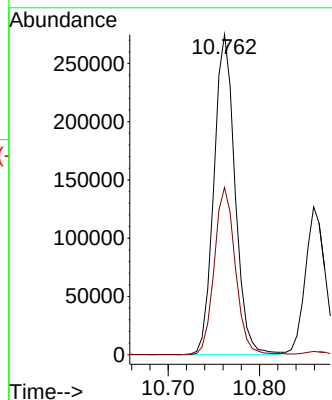
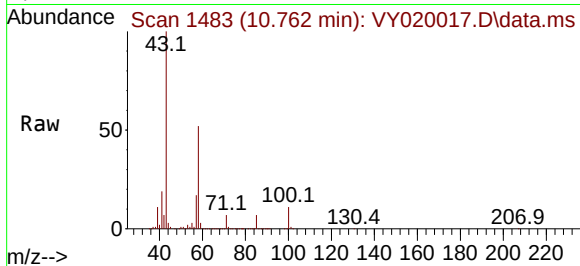




#59
2-Hexanone
Concen: 316.917 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

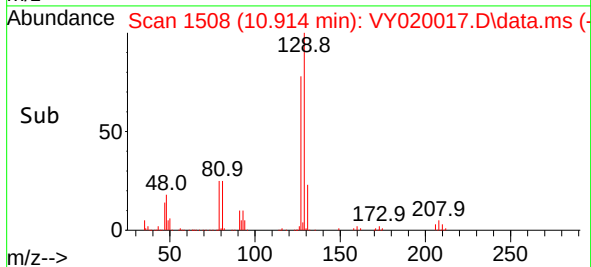
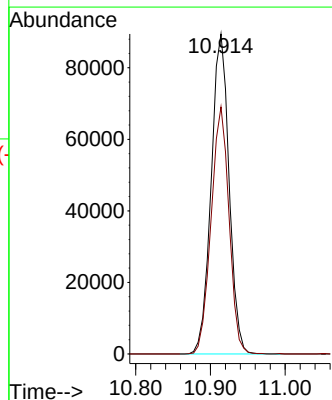
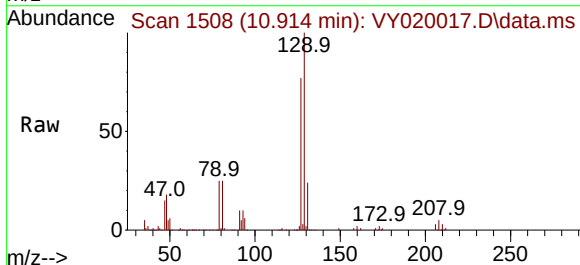
Instrument :
MSVOA_Y
ClientSampleId :

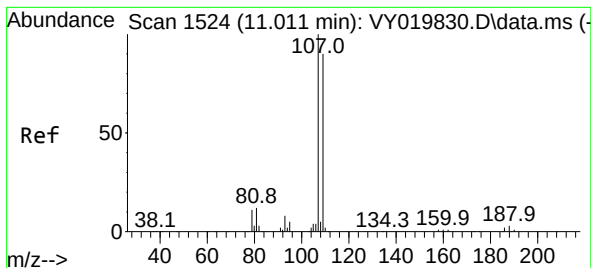
Tgt Ion: 43 Resp: 440184
Ion Ratio Lower Upper
43 100
58 52.2 31.4 94.0



#60
Dibromochloromethane
Concen: 59.229 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 129 Resp: 148615
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 56.644 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

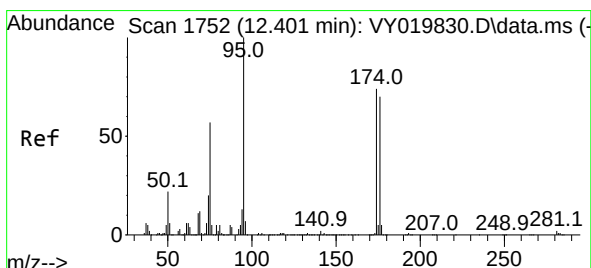
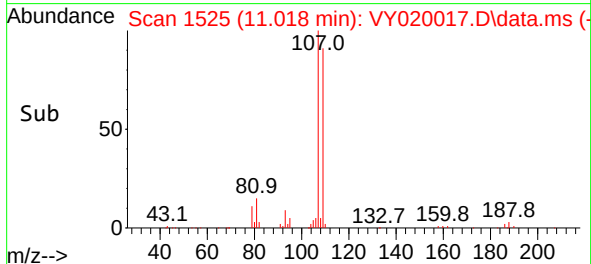
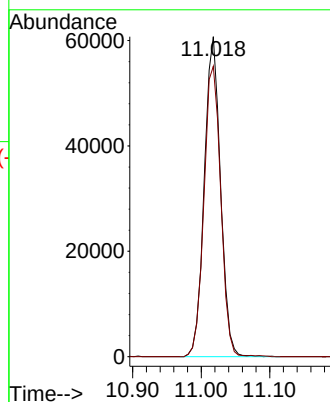
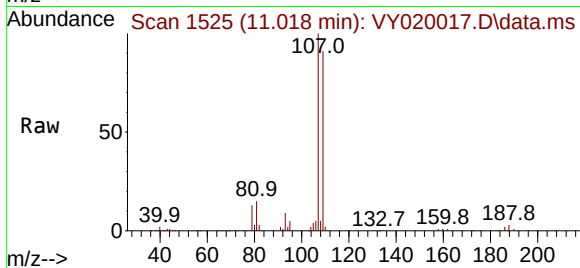
ClientSampleId :

Tgt Ion:107 Resp: 100065

Ion Ratio Lower Upper

107 100

109 93.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.778 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

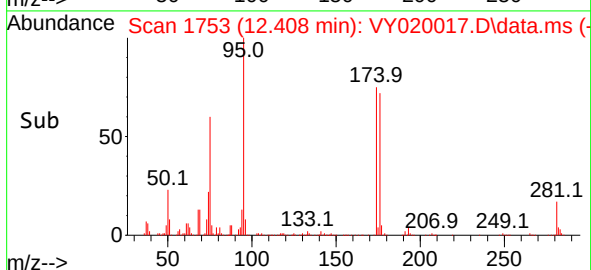
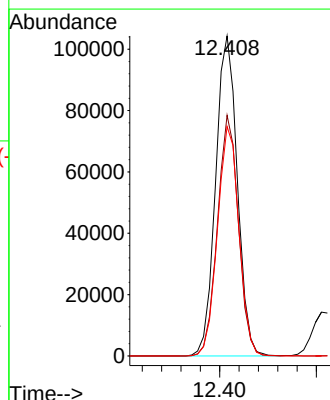
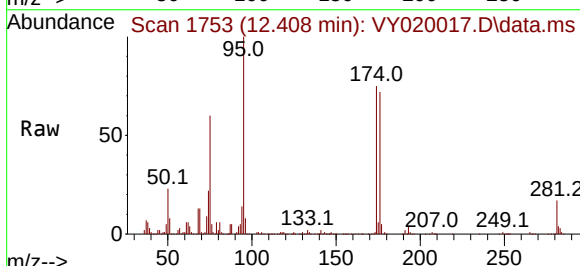
Tgt Ion: 95 Resp: 161974

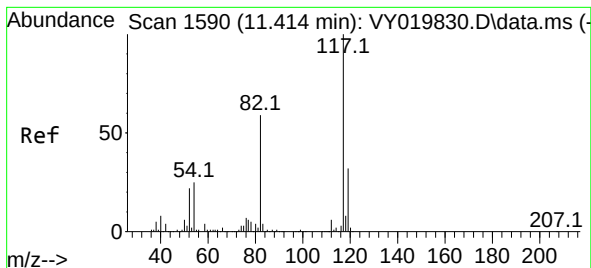
Ion Ratio Lower Upper

95 100

174 72.7 0.0 175.6

176 70.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

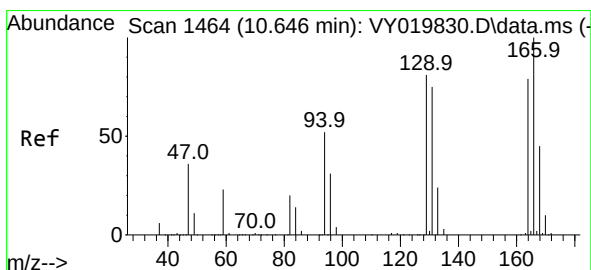
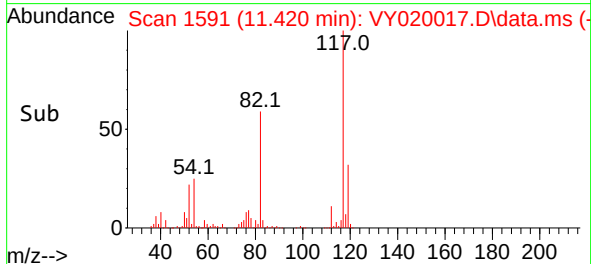
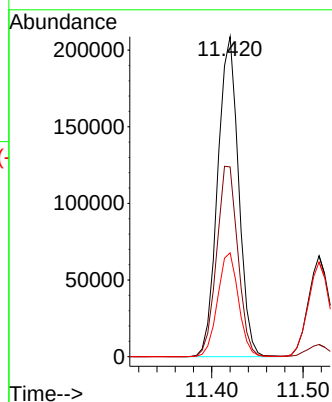
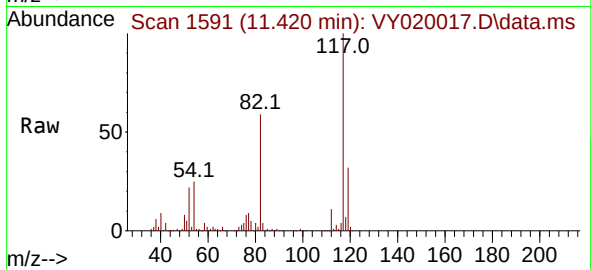
Tgt Ion:117 Resp: 332038

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 51.570 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Tgt Ion:164 Resp: 121796

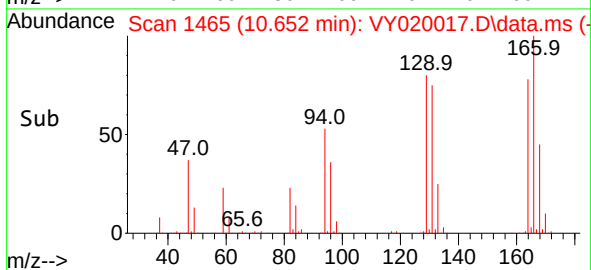
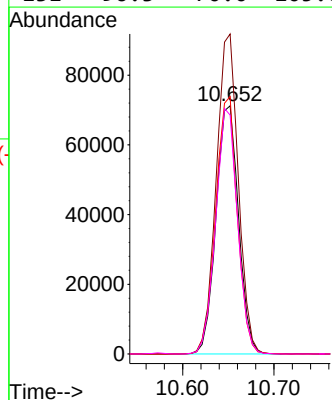
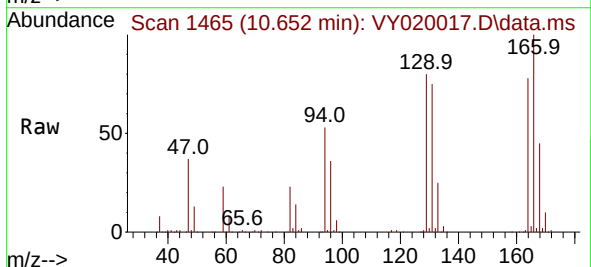
Ion Ratio Lower Upper

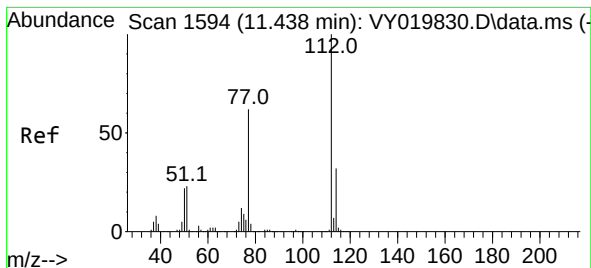
164 100

166 128.9 102.6 154.0

129 103.8 72.0 108.0

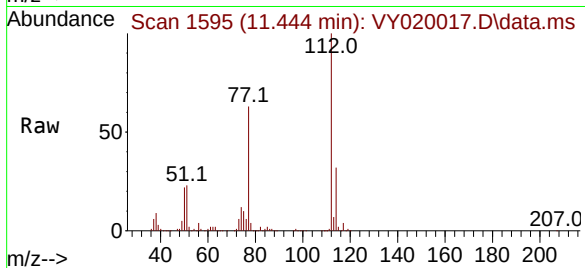
131 96.3 70.0 105.0



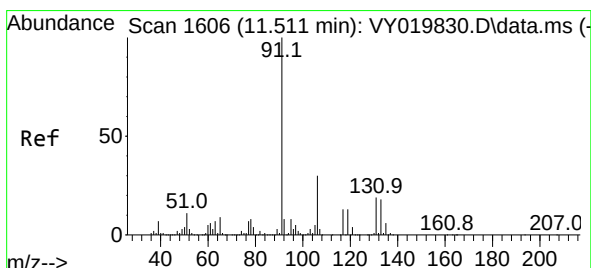
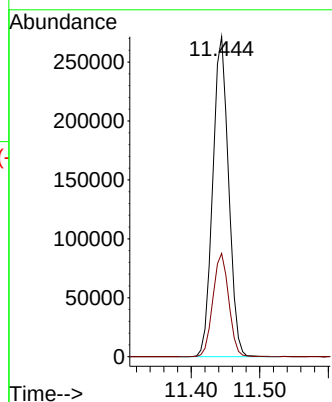
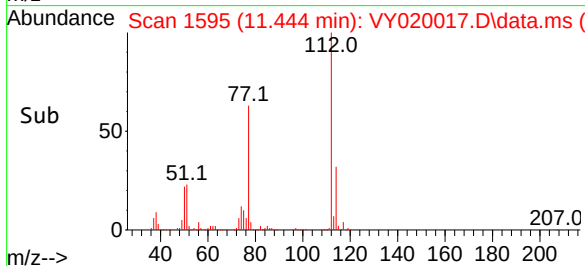


#65
Chlorobenzene
Concen: 57.276 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

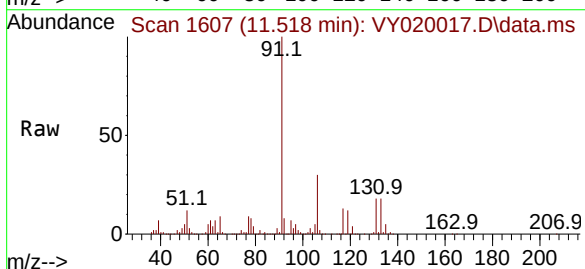
Instrument :
MSVOA_Y
ClientSampleId :



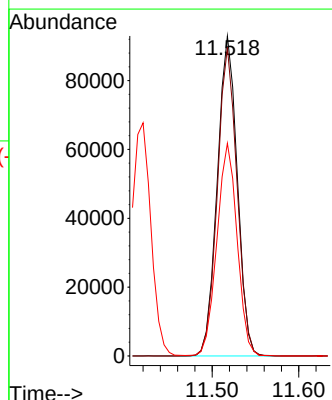
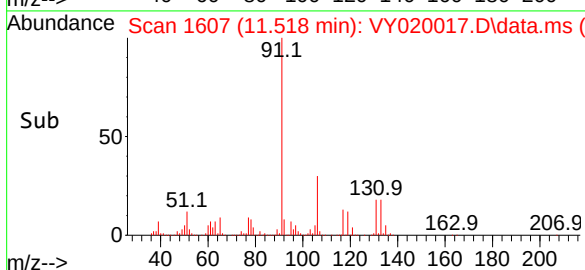
Tgt Ion:112 Resp: 434983
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6

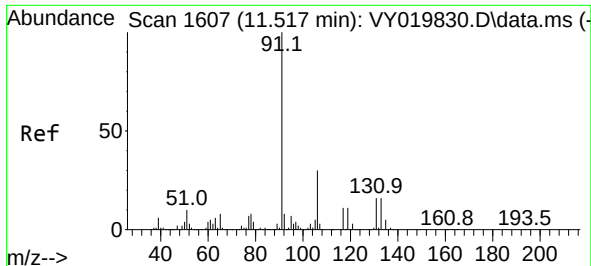


#66
1,1,1,2-Tetrachloroethane
Concen: 57.939 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04



Tgt Ion:131 Resp: 148872
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 67.2 34.1 102.2





#67

Ethyl Benzene

Concen: 58.622 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

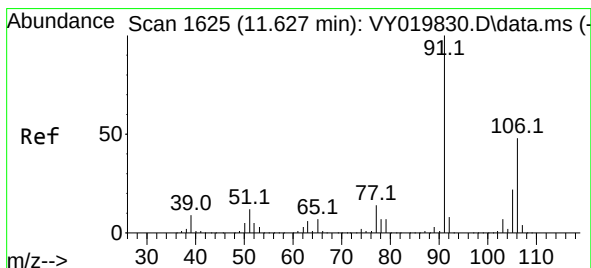
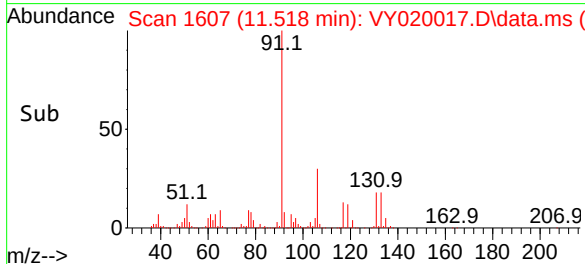
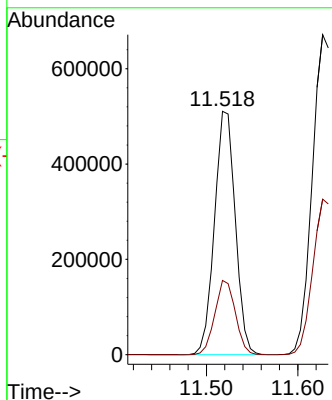
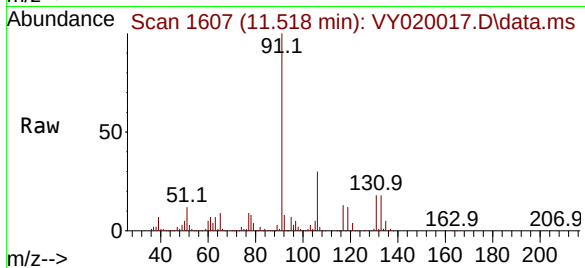
ClientSampleId :

Tgt Ion: 91 Resp: 808731

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 116.220 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020017.D

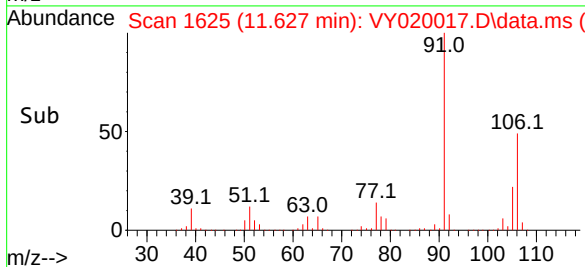
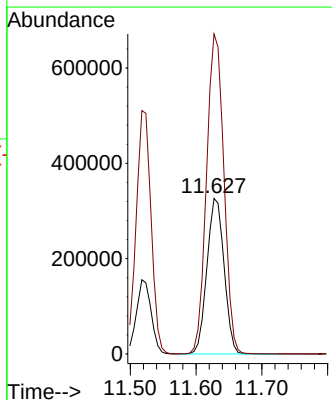
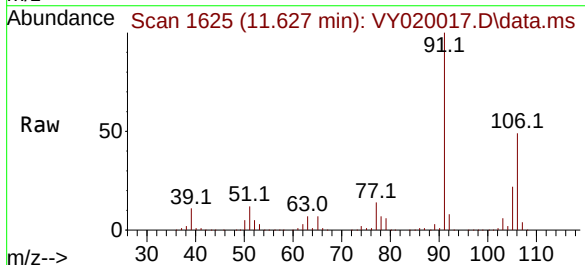
Acq: 25 Oct 2024 11:04

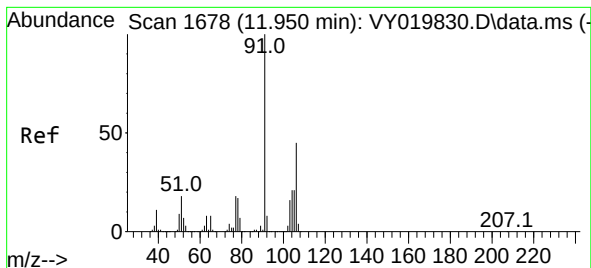
Tgt Ion:106 Resp: 592148

Ion Ratio Lower Upper

106 100

91 207.9 156.0 234.0





#69

o-Xylene

Concen: 58.197 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

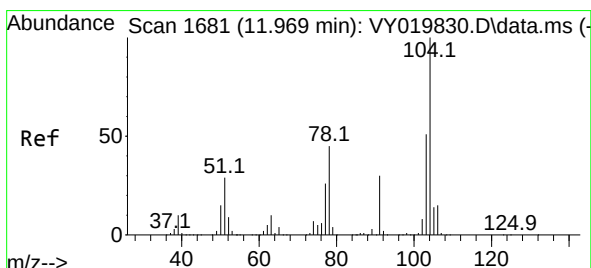
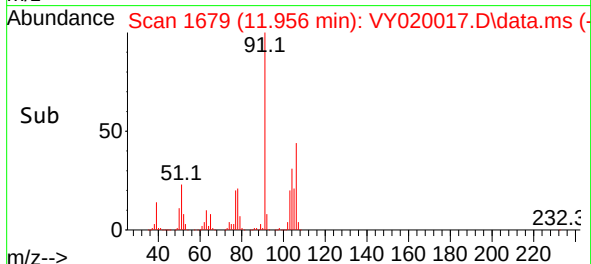
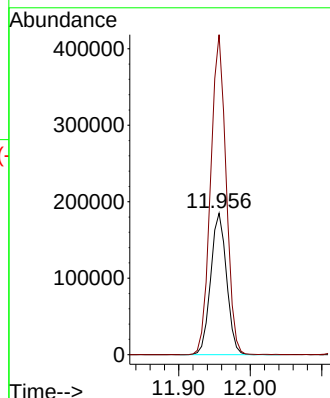
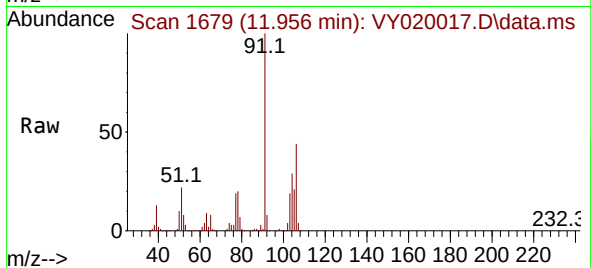
ClientSampleId :

Tgt Ion:106 Resp: 284895

Ion Ratio Lower Upper

106 100

91 220.6 103.6 310.8



#70

Styrene

Concen: 59.186 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

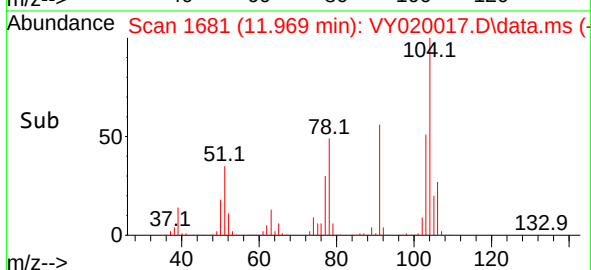
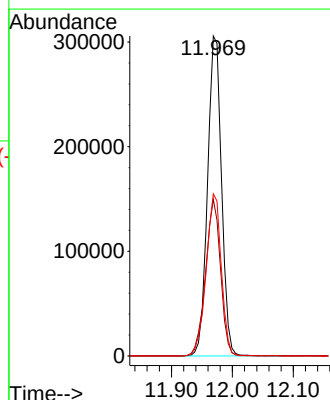
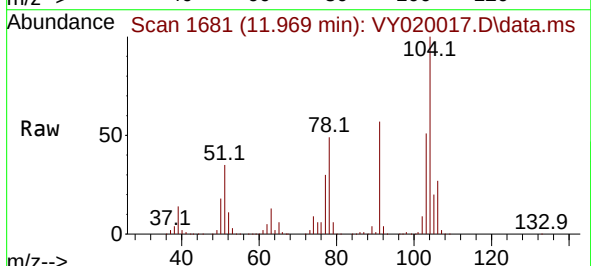
Tgt Ion:104 Resp: 488829

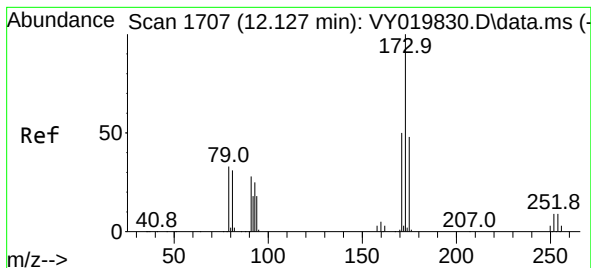
Ion Ratio Lower Upper

104 100

78 52.4 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 57.476 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020017.D

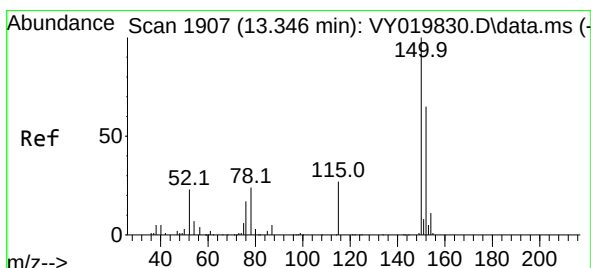
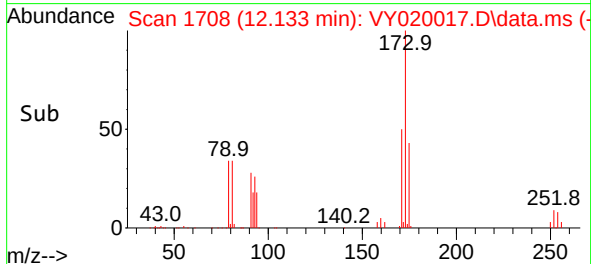
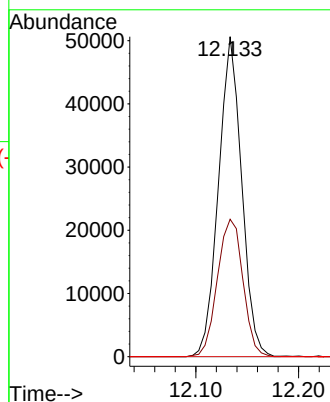
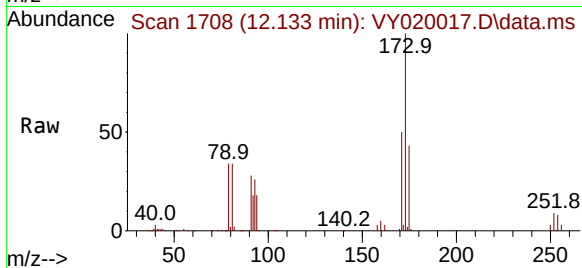
Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	79060
Ion Ratio	Lower	Upper
173	100	
175	47.4	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

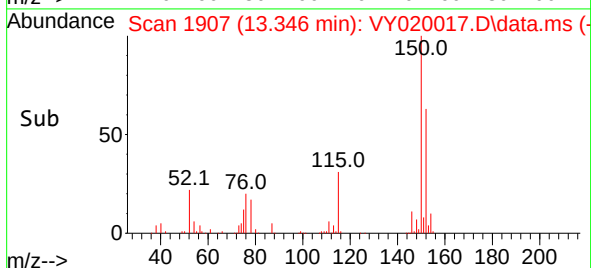
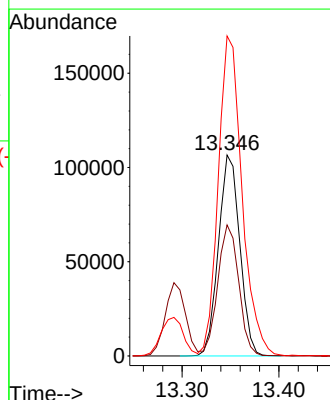
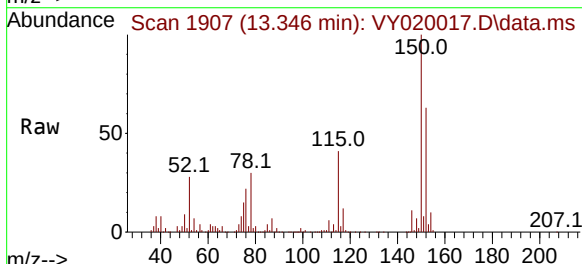
RT: 13.346 min Scan# 1907

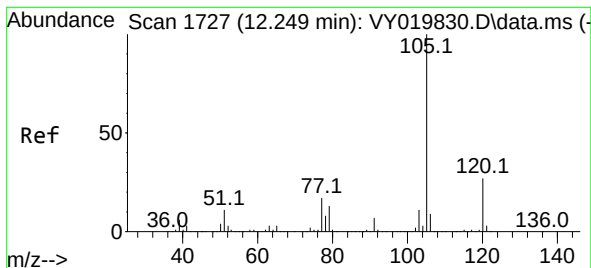
Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Tgt Ion:152	Resp:	163382
Ion Ratio	Lower	Upper
152	100	
115	64.3	28.2 84.7
150	177.9	0.0 345.6





#73

Isopropylbenzene

Concen: 57.376 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

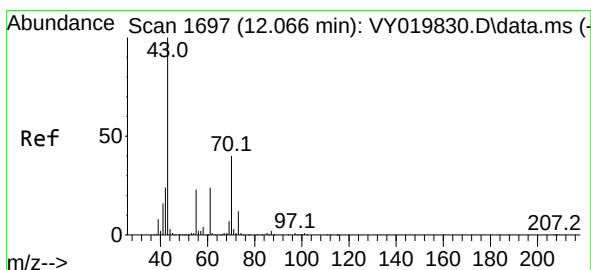
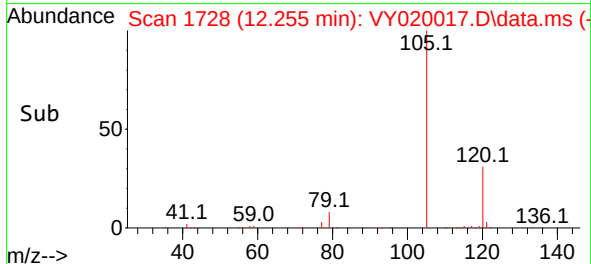
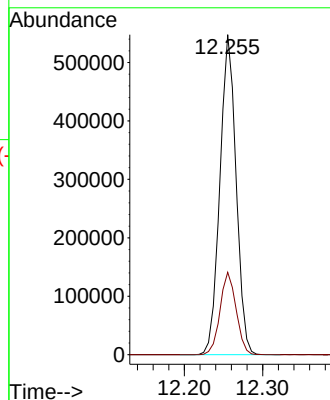
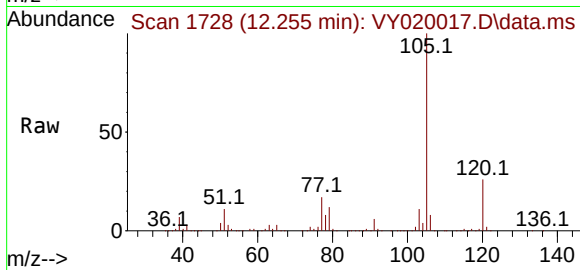
ClientSampleId :

Tgt Ion:105 Resp: 788496

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-amy1 acetate

Concen: 57.382 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Tgt Ion: 43 Resp: 208859

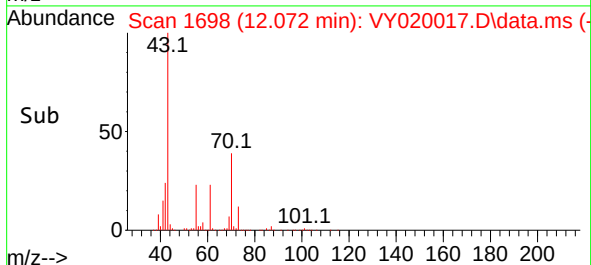
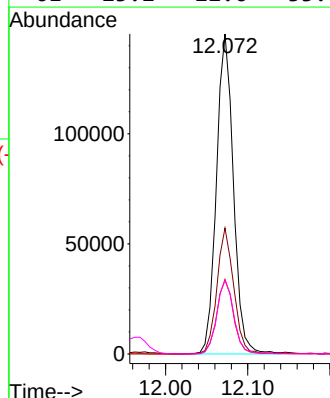
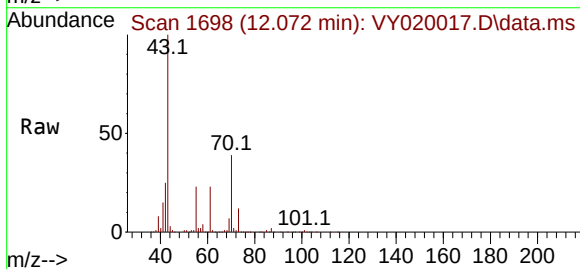
Ion Ratio Lower Upper

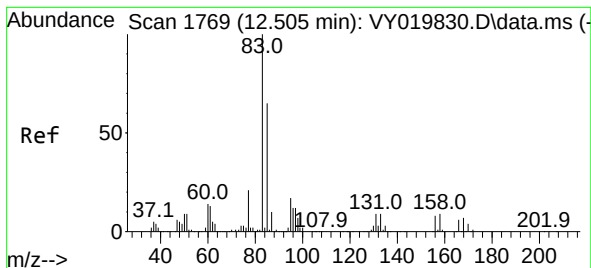
43 100

70 39.0 41.4 62.2#

55 23.3 23.3 34.9

61 23.2 22.6 33.8

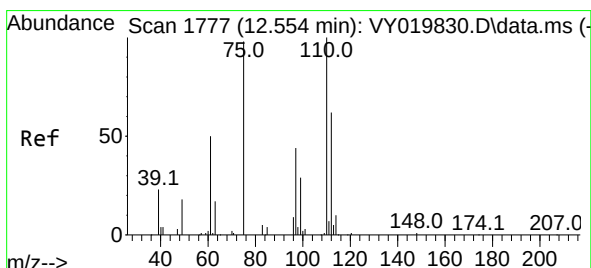
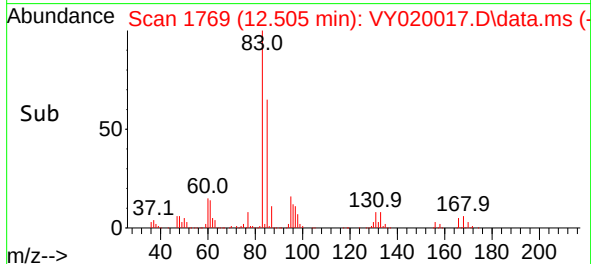
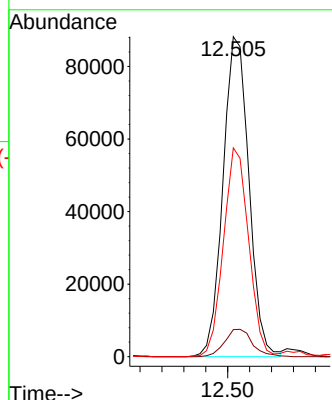
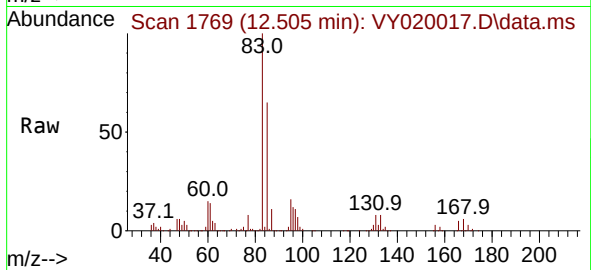




#75
1,1,2,2-Tetrachloroethane
Concen: 59.306 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

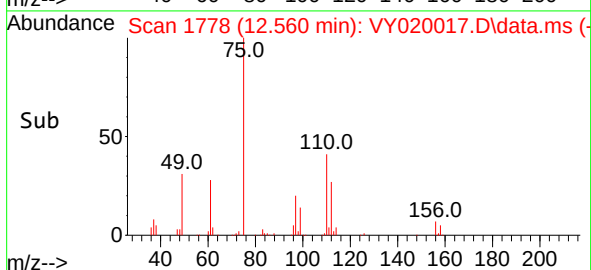
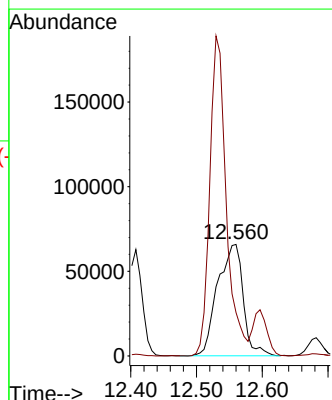
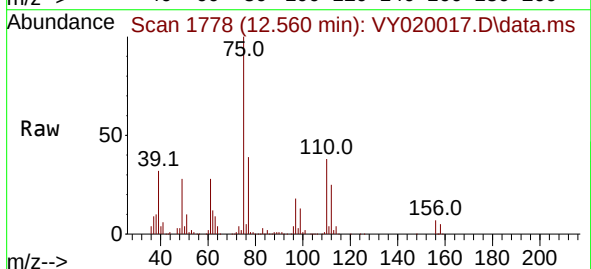
Instrument :
MSVOA_Y
ClientSampleId :

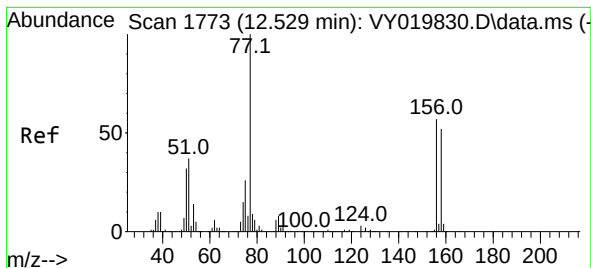
Tgt Ion: 83 Resp: 144820
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 63.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 55.763 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 75 Resp: 178478
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.645 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

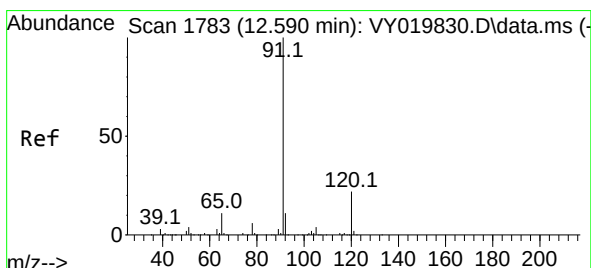
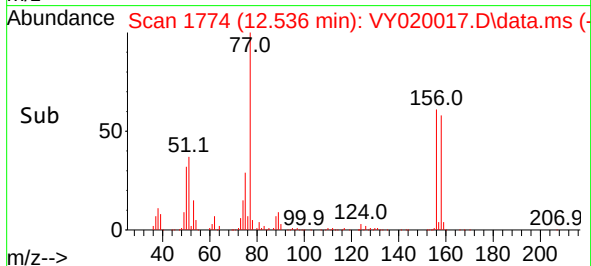
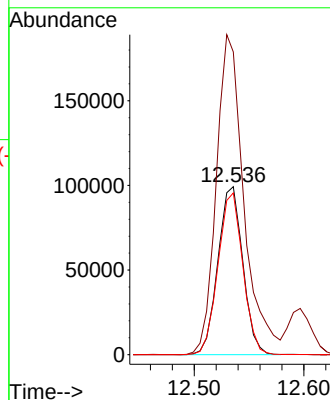
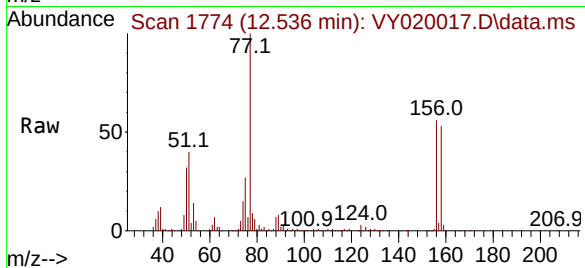
Tgt Ion:156 Resp: 156441

Ion Ratio Lower Upper

156 100

77 211.5 87.1 261.3

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 58.532 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020017.D

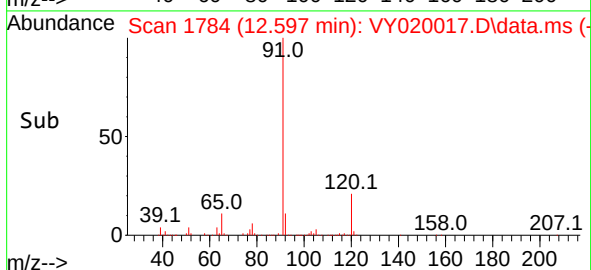
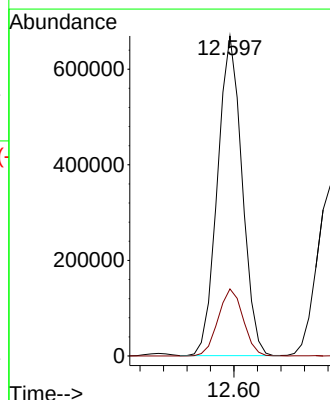
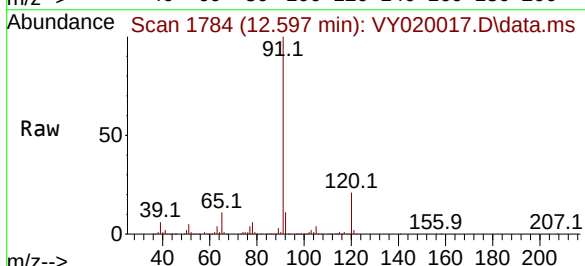
Acq: 25 Oct 2024 11:04

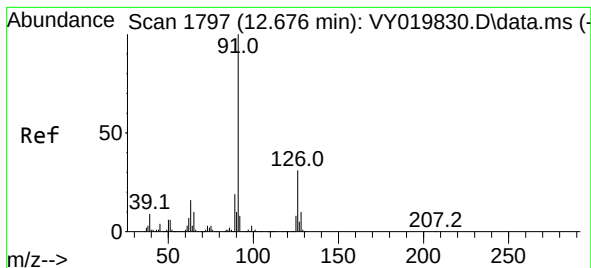
Tgt Ion: 91 Resp: 971951

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4

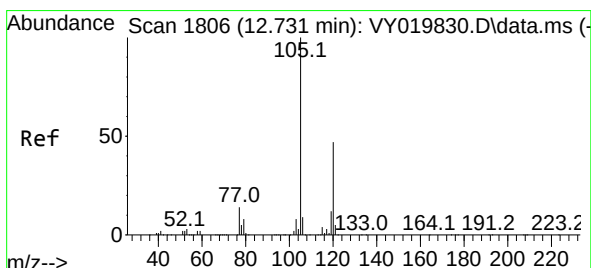
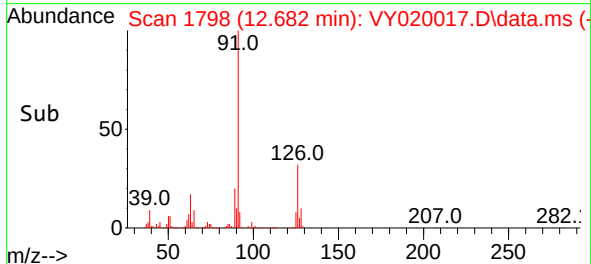
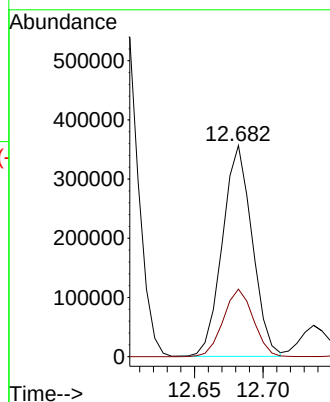
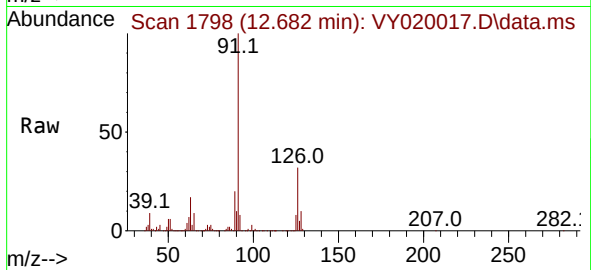




#79
2-Chlorotoluene
Concen: 56.636 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

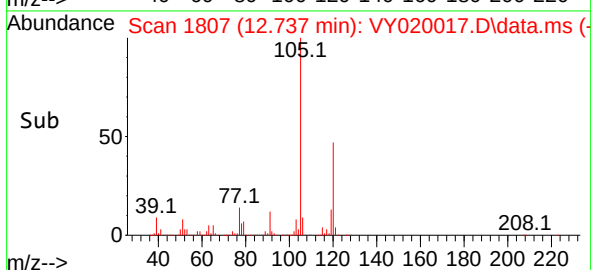
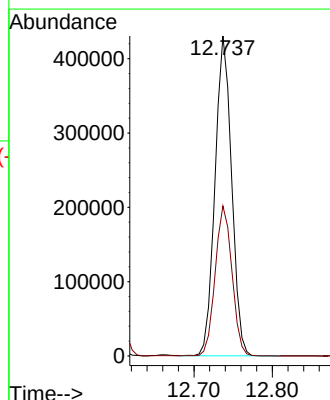
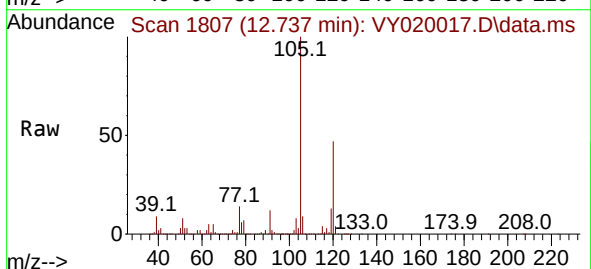
Instrument :
MSVOA_Y
ClientSampleId :

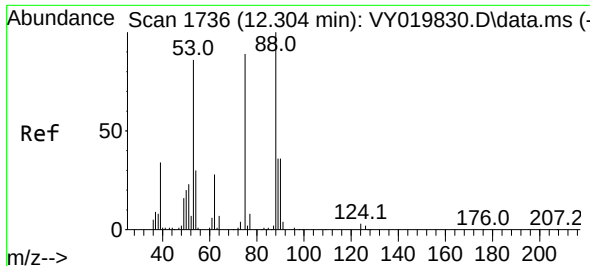
Tgt Ion: 91 Resp: 539163
Ion Ratio Lower Upper
91 100
126 32.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 57.121 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 105 Resp: 633952
Ion Ratio Lower Upper
105 100
120 47.5 25.1 75.2

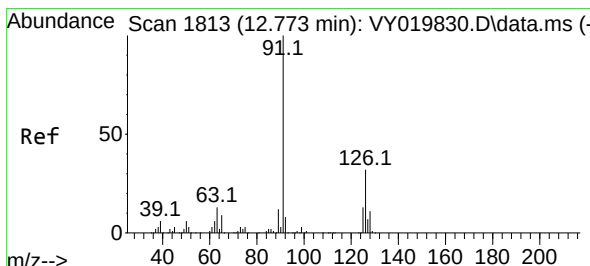
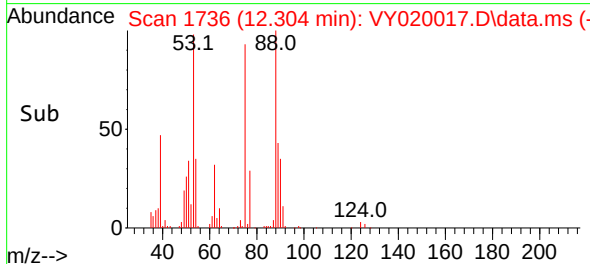
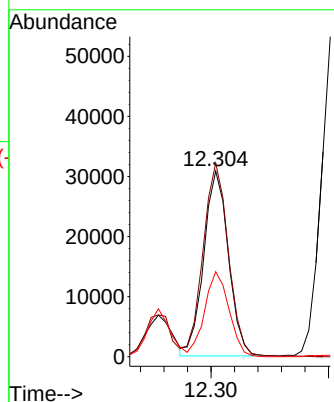
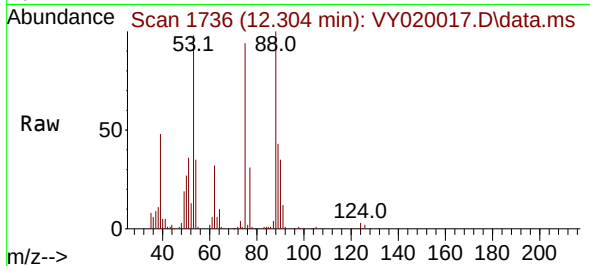




#81
trans-1,4-Dichloro-2-butene
Concen: 56.661 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

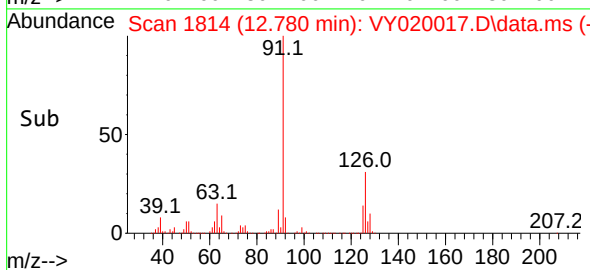
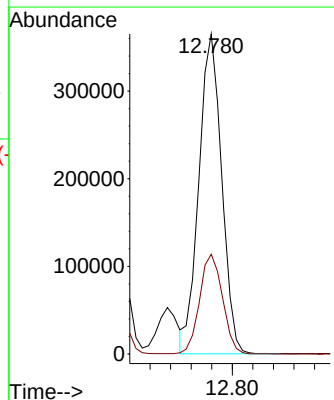
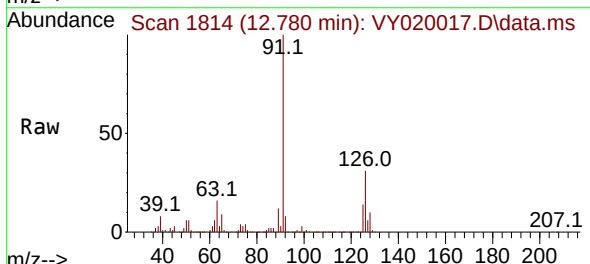
Instrument :
MSVOA_Y
ClientSampleId :

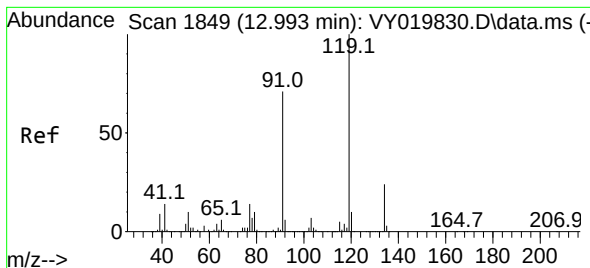
Tgt Ion: 75 Resp: 44929
Ion Ratio Lower Upper
75 100
53 108.0 66.8 100.2#
89 45.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 57.799 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020017.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 91 Resp: 562611
Ion Ratio Lower Upper
91 100
126 31.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 58.045 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

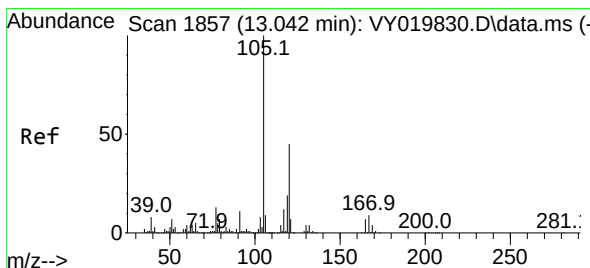
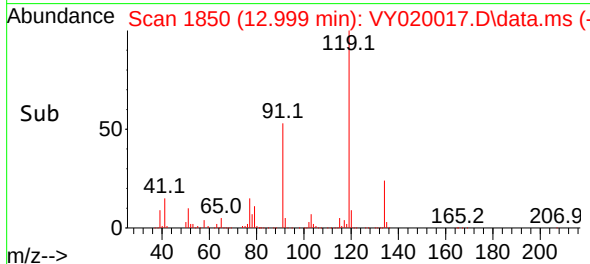
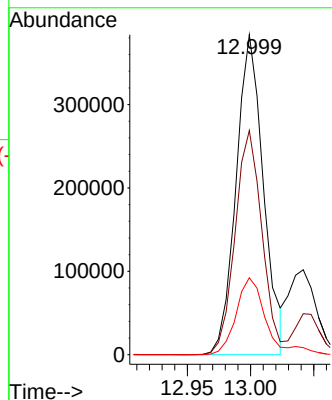
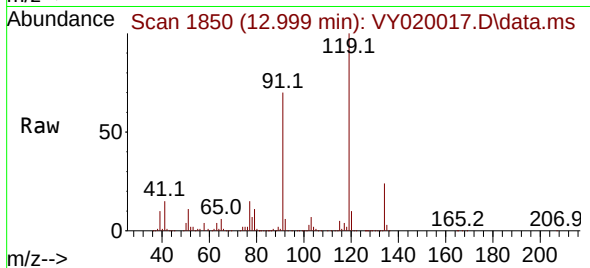
Tgt Ion:119 Resp: 577107

Ion Ratio Lower Upper

119 100

91 68.7 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 58.010 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020017.D

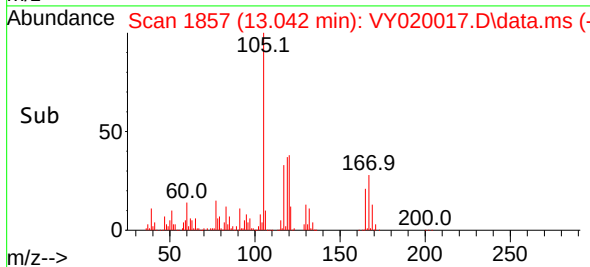
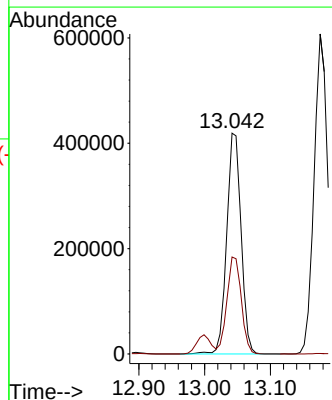
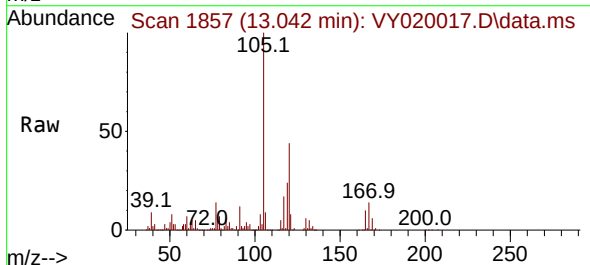
Acq: 25 Oct 2024 11:04

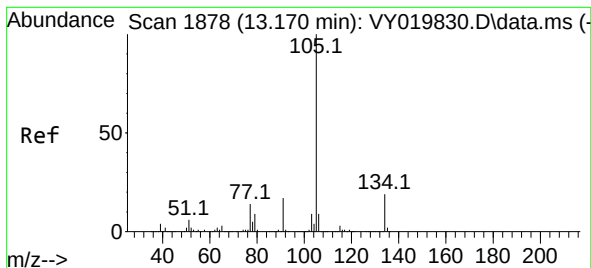
Tgt Ion:105 Resp: 638309

Ion Ratio Lower Upper

105 100

120 43.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 59.364 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

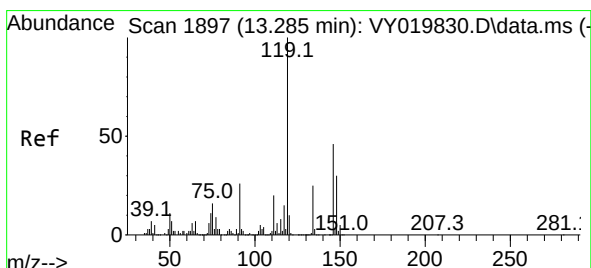
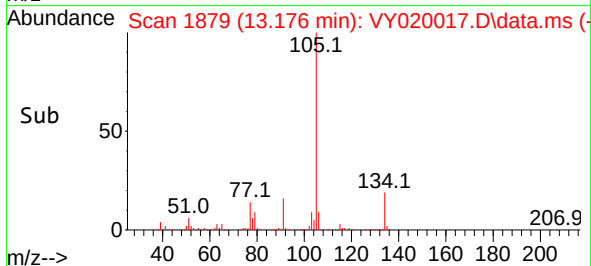
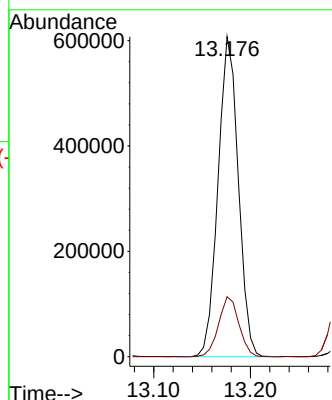
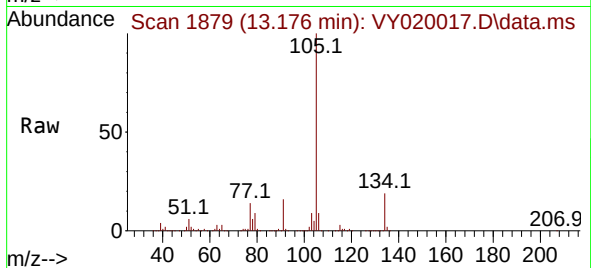
ClientSampleId :

Tgt Ion:105 Resp: 881835

Ion Ratio Lower Upper

105 100

134 18.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 58.402 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

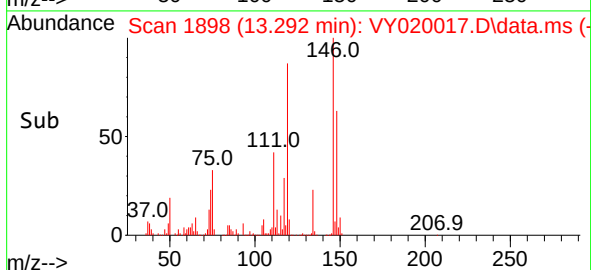
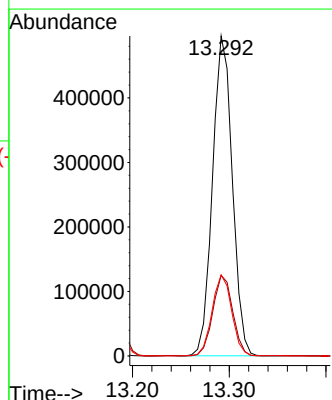
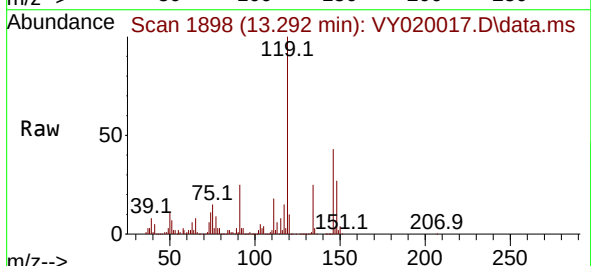
Tgt Ion:119 Resp: 704472

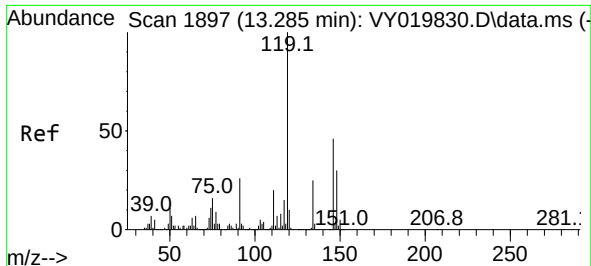
Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.3

91 25.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 56.025 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

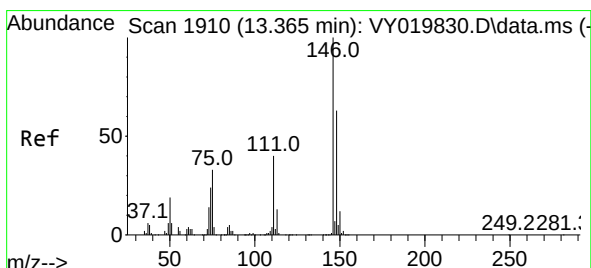
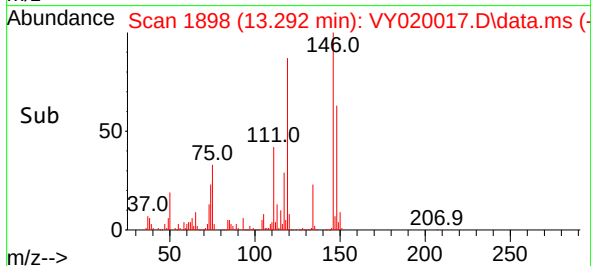
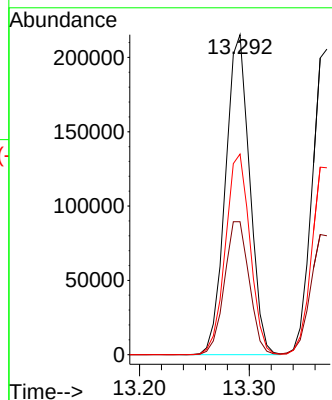
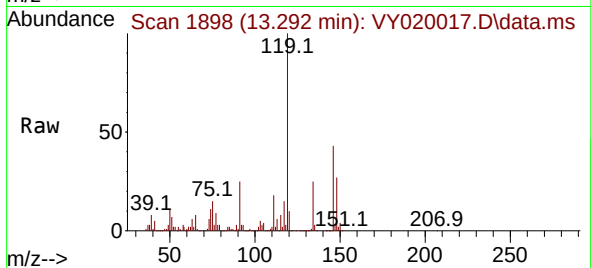
Tgt Ion:146 Resp: 329946

Ion Ratio Lower Upper

146 100

111 42.7 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 56.005 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

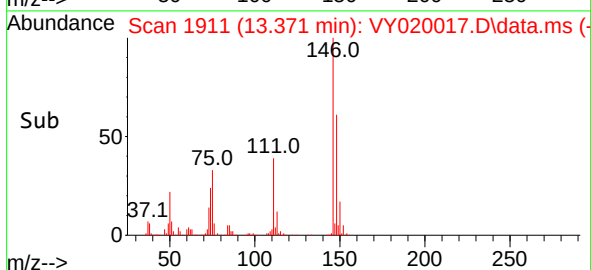
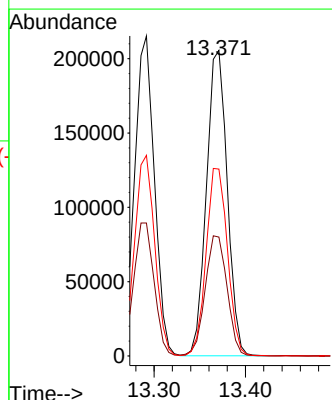
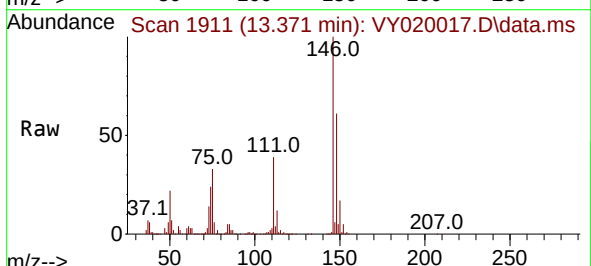
Tgt Ion:146 Resp: 324026

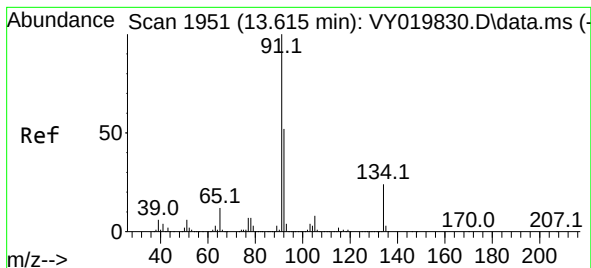
Ion Ratio Lower Upper

146 100

111 41.6 18.4 55.4

148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 60.863 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

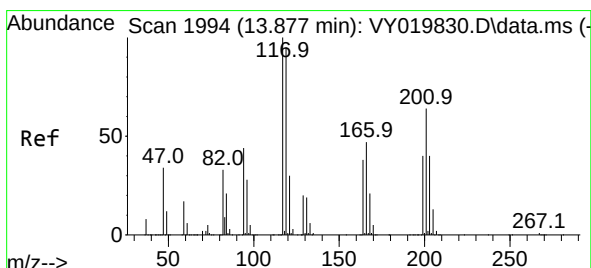
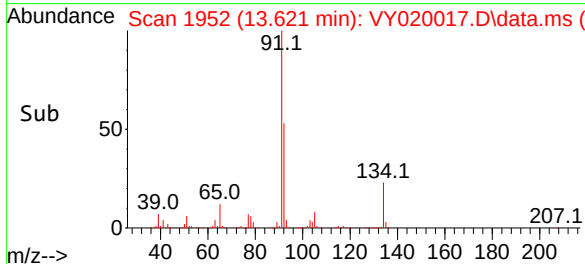
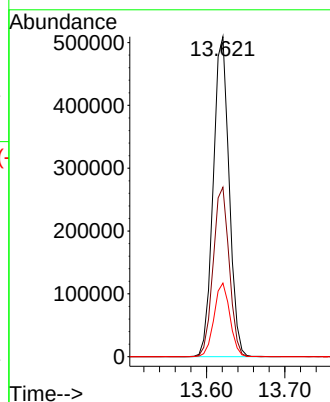
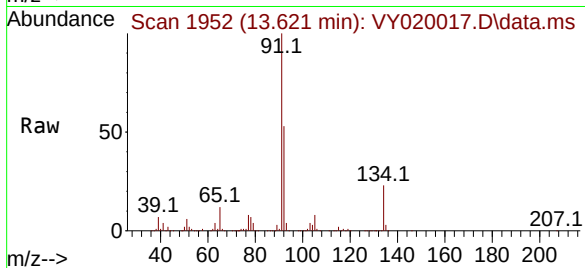
Tgt Ion: 91 Resp: 716863

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 23.0 12.9 38.7



#90

Hexachloroethane

Concen: 58.635 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020017.D

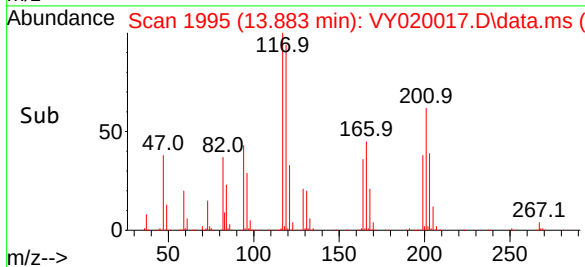
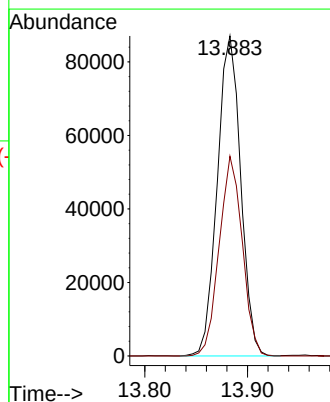
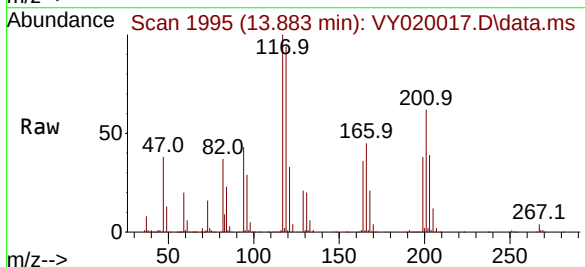
Acq: 25 Oct 2024 11:04

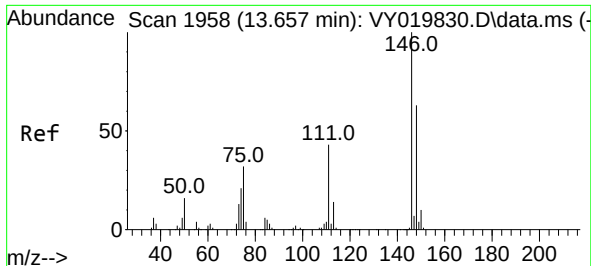
Tgt Ion: 117 Resp: 137723

Ion Ratio Lower Upper

117 100

201 61.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 55.961 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

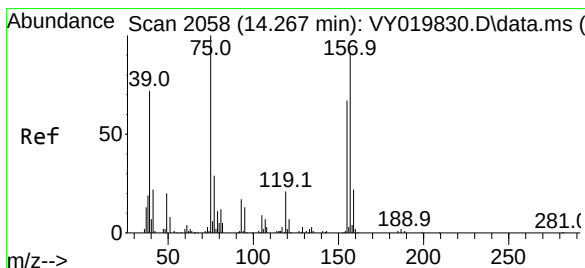
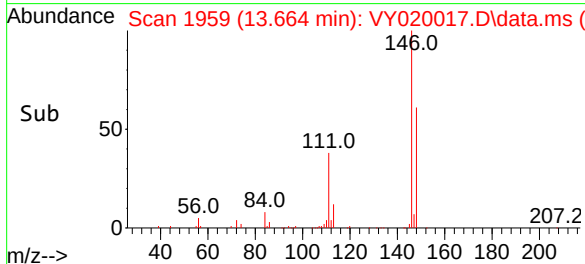
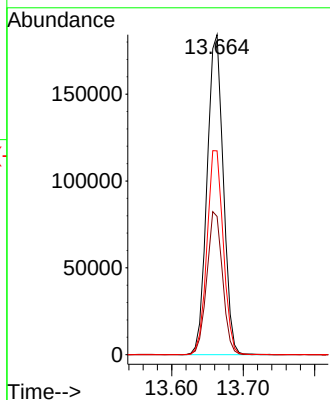
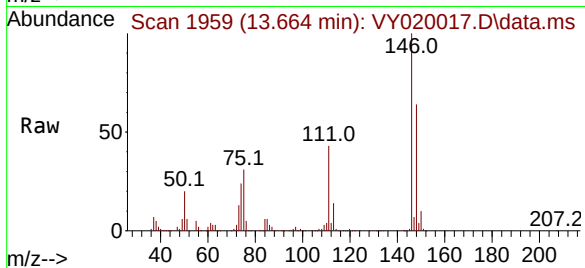
Tgt Ion:146 Resp: 289579

Ion Ratio Lower Upper

146 100

111 43.4 19.9 59.7

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.976 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

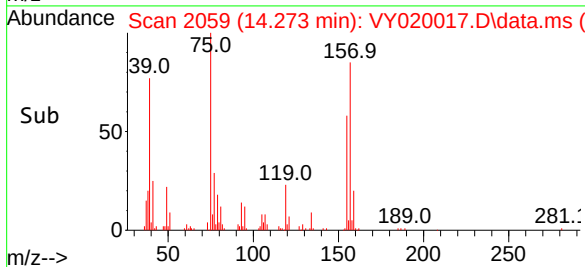
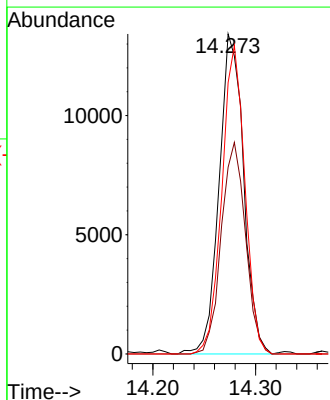
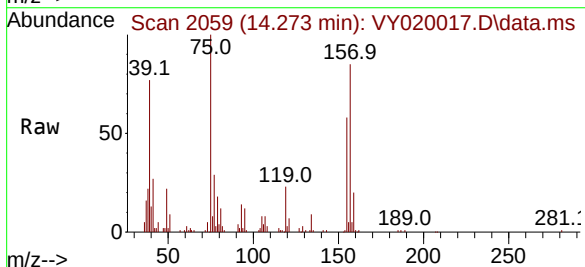
Tgt Ion: 75 Resp: 22204

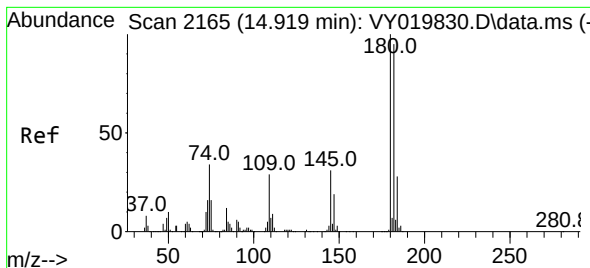
Ion Ratio Lower Upper

75 100

155 65.5 48.6 145.8

157 90.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 54.302 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

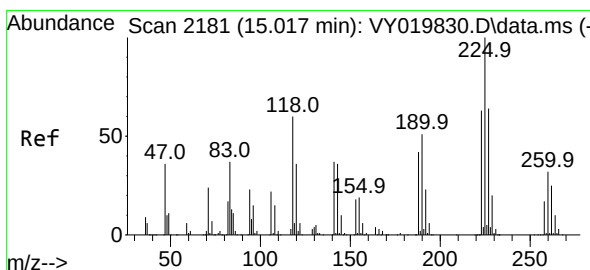
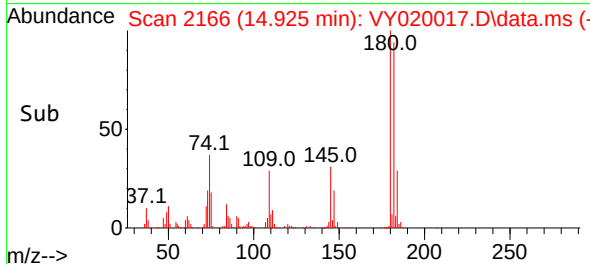
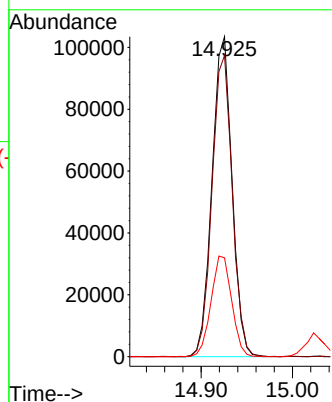
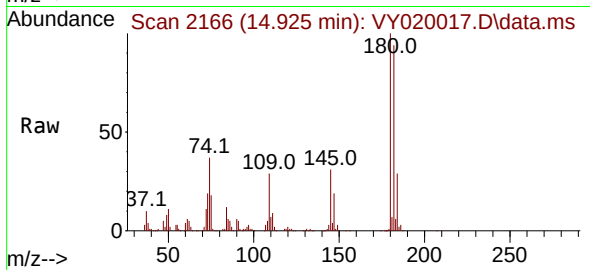
Tgt Ion:180 Resp: 157561

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.708 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

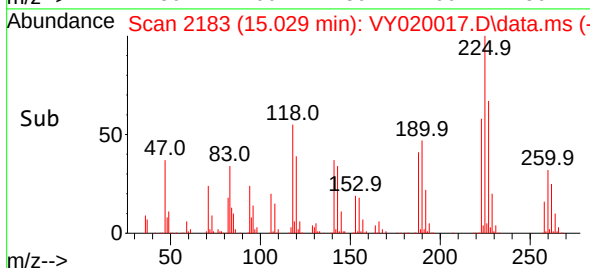
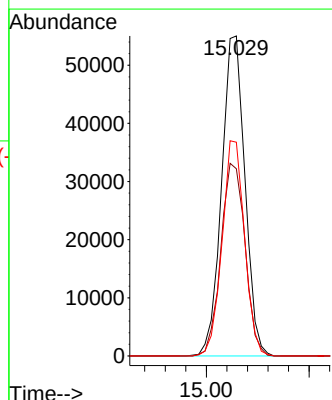
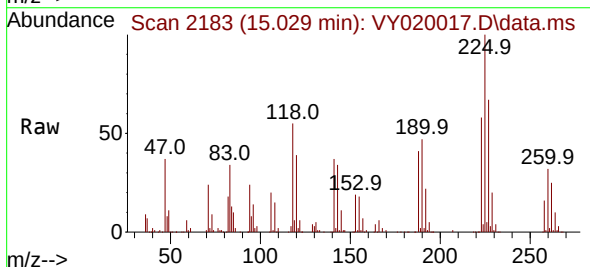
Tgt Ion:225 Resp: 86640

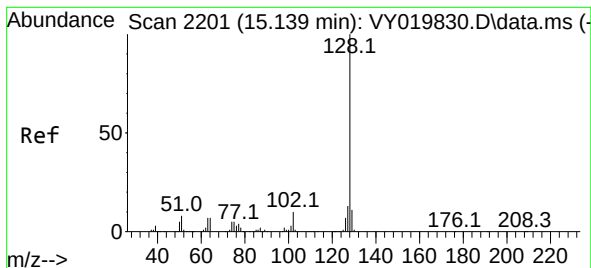
Ion Ratio Lower Upper

225 100

223 62.4 30.4 91.2

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 54.659 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

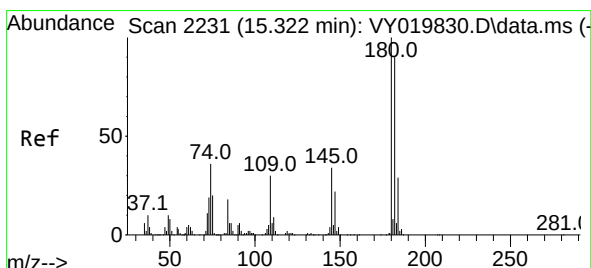
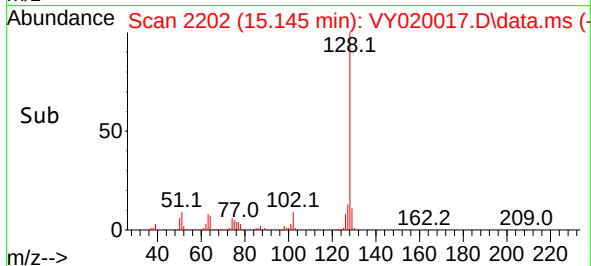
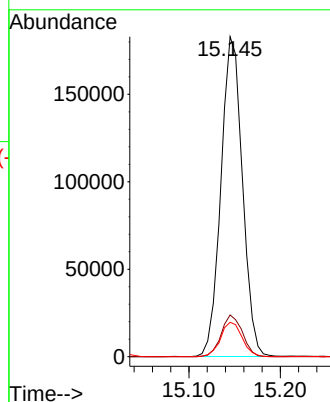
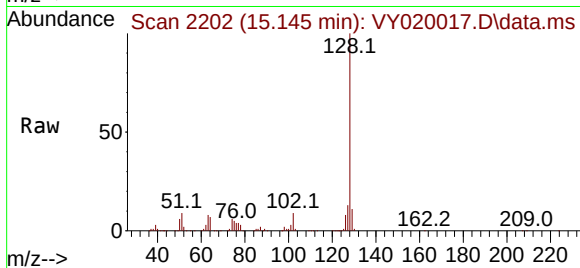
Tgt Ion:128 Resp: 299124

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.905 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020017.D

Acq: 25 Oct 2024 11:04

Tgt Ion:180 Resp: 132218

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 34.6 15.4 46.1

