

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019624.D
 Acq On : 19 Sep 2024 11:10
 Operator : SY/MD
 Sample : VY0919SBS0D1
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 01:26:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	376293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	648787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	539402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	249281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174034	49.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.900%
35) Dibromofluoromethane	7.634	113	177027	48.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.109	98	657132	48.297	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.600%
62) 4-Bromofluorobenzene	12.408	95	227799	43.543	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	49525	21.767	ug/l	93
3) Chloromethane	2.068	50	60612	19.469	ug/l	97
4) Vinyl Chloride	2.202	62	69977	20.786	ug/l	98
5) Bromomethane	2.592	94	48150	23.285	ug/l	94
6) Chloroethane	2.733	64	48236	21.918	ug/l	100
7) Trichlorofluoromethane	3.056	101	118381	21.095	ug/l	96
8) Diethyl Ether	3.452	74	34142	18.125	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.812	101	69188	19.930	ug/l	96
10) Methyl Iodide	4.001	142	73497	16.513	ug/l	93
11) Tert butyl alcohol	4.842	59	36267	128.884	ug/l	99
12) 1,1-Dichloroethene	3.787	96	60978	18.265	ug/l	84
13) Acrolein	3.647	56	15950	109.700	ug/l	96
14) Allyl chloride	4.379	41	108540	18.129	ug/l #	92
15) Acrylonitrile	5.055	53	75975	93.540	ug/l	100
16) Acetone	3.867	43	90220	108.685	ug/l #	85
17) Carbon Disulfide	4.104	76	147948	16.402	ug/l #	95
18) Methyl Acetate	4.385	43	36343	16.133	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	176683	18.686	ug/l	97
20) Methylene Chloride	4.610	84	73746	19.480	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	67881	18.550	ug/l	90
22) Diisopropyl ether	6.013	45	233028	18.954	ug/l	92
23) Vinyl Acetate	5.958	43	655472	93.340	ug/l	94
24) 1,1-Dichloroethane	5.909	63	134830	19.544	ug/l	98
25) 2-Butanone	6.890	43	120248	101.852	ug/l #	87
26) 2,2-Dichloropropane	6.878	77	130726	21.007	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	85597	19.257	ug/l	86
28) Bromochloromethane	7.238	49	56328	19.405	ug/l	84
29) Tetrahydrofuran	7.256	42	64738	90.185	ug/l	87
30) Chloroform	7.415	83	142061	20.171	ug/l	95
31) Cyclohexane	7.695	56	112222	17.996	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	127349	20.174	ug/l	97
36) 1,1-Dichloropropene	7.835	75	93942	18.768	ug/l	97
37) Ethyl Acetate	6.976	43	45181	17.617	ug/l	98
38) Carbon Tetrachloride	7.811	117	110074	19.501	ug/l	98
39) Methylcyclohexane	9.110	83	118685	17.818	ug/l	90
40) Benzene	8.079	78	289952	18.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	22671	15.165	ug/l	94
42) 1,2-Dichloroethane	8.152	62	80906	19.503	ug/l	96
43) Isopropyl Acetate	8.195	43	95013	17.634	ug/l #	82
44) Trichloroethene	8.866	130	74005	18.665	ug/l	95
45) 1,2-Dichloropropane	9.140	63	71192	18.889	ug/l	99
46) Dibromomethane	9.231	93	38990	18.917	ug/l	94
47) Bromodichloromethane	9.427	83	107554	19.413	ug/l	100
48) Methyl methacrylate	9.219	41	42363	16.649	ug/l	86
49) 1,4-Dioxane	9.231	88	8541	352.008	ug/l #	90
51) 4-Methyl-2-Pentanone	10.000	43	240926	88.879	ug/l	92
52) Toluene	10.170	92	190352	19.198	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	95408	18.065	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	111781	18.176	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	53641	18.846	ug/l	96
56) Ethyl methacrylate	10.439	69	74172	17.155	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	92068	18.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	178556	88.977	ug/l	97
59) 2-Hexanone	10.762	43	177381	89.257	ug/l	89
60) Dibromochloromethane	10.914	129	69264	18.396	ug/l	99
61) 1,2-Dibromoethane	11.012	107	48962	18.462	ug/l	100
64) Tetrachloroethene	10.646	164	62653	18.757	ug/l	93
65) Chlorobenzene	11.444	112	207154	19.524	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	71046	19.339	ug/l	99
67) Ethyl Benzene	11.518	91	371115	19.685	ug/l	100
68) m/p-Xylenes	11.627	106	275022	38.580	ug/l	93
69) o-Xylene	11.957	106	131507	18.863	ug/l	91
70) Styrene	11.969	104	222809	18.929	ug/l	96
71) Bromoform	12.133	173	36303	17.301	ug/l #	99
73) Isopropylbenzene	12.255	105	362143	20.025	ug/l	100
74) N-amyl acetate	12.072	43	84984	17.279	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	62225	19.385	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	80006	34.242	ug/l #	100
77) Bromobenzene	12.530	156	75954	18.937	ug/l	89
78) n-propylbenzene	12.597	91	434072	20.250	ug/l	99
79) 2-Chlorotoluene	12.682	91	246940	19.768	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	289411	19.685	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	20165	16.568	ug/l	89
82) 4-Chlorotoluene	12.780	91	252147	19.634	ug/l	96
83) tert-Butylbenzene	12.999	119	271169	20.374	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	286107	19.660	ug/l	98
85) sec-Butylbenzene	13.176	105	397454	20.556	ug/l	98
86) p-Isopropyltoluene	13.292	119	319053	20.168	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	154465	19.819	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	153201	19.807	ug/l	95
89) n-Butylbenzene	13.621	91	301775	19.954	ug/l	99
90) Hexachloroethane	13.877	117	64131	19.483	ug/l	88
91) 1,2-Dichlorobenzene	13.658	146	134259	19.304	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9558	17.866	ug/l	78
93) 1,2,4-Trichlorobenzene	14.919	180	68828	16.272	ug/l	97
94) Hexachlorobutadiene	15.023	225	39608	17.528	ug/l	99
95) Naphthalene	15.145	128	130067	15.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	57077	15.775	ug/l	97

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Response via : Initial Calibration

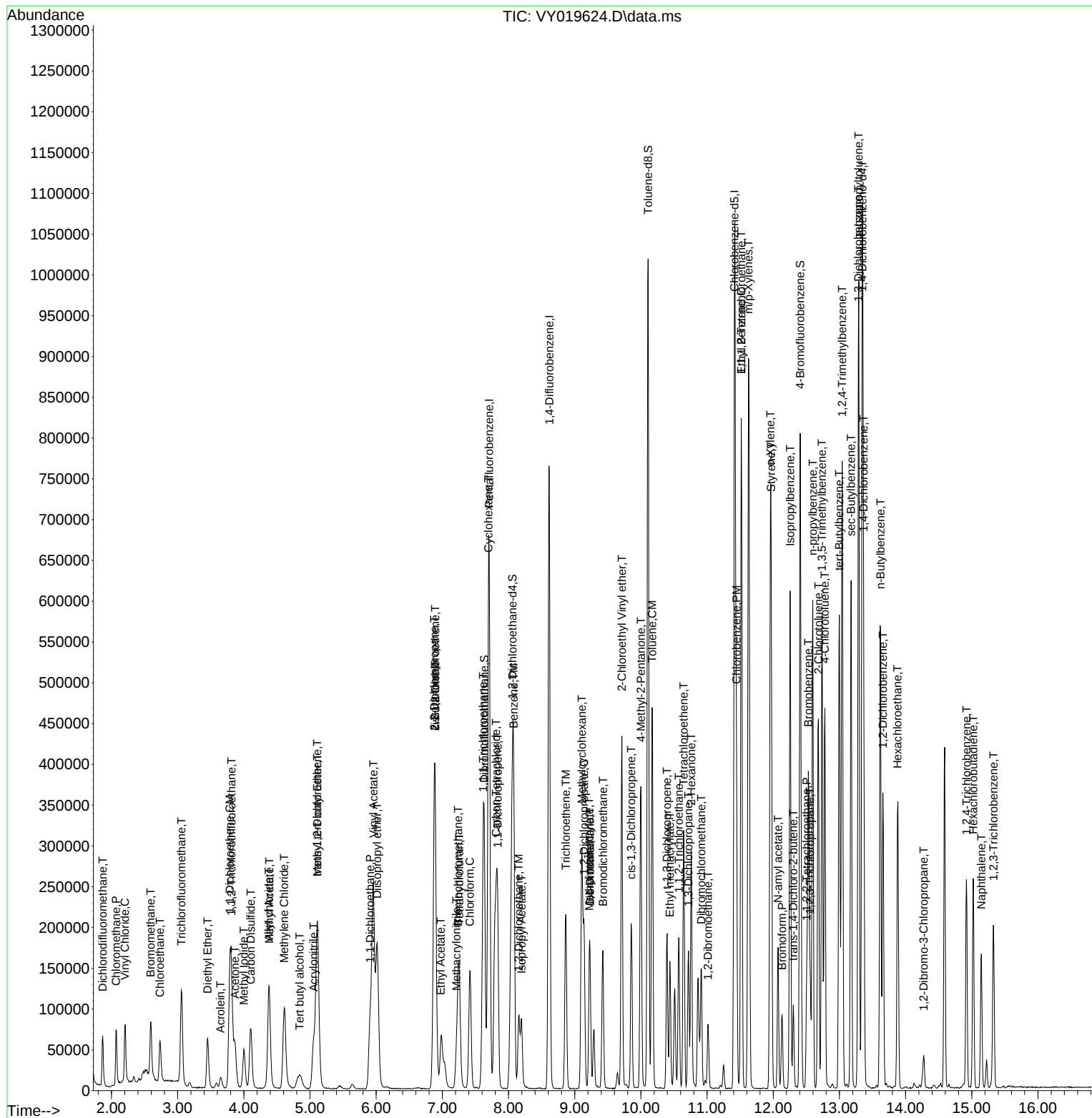
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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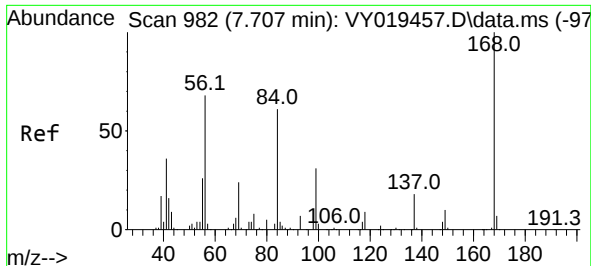
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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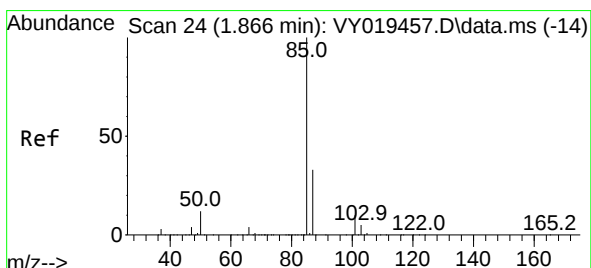
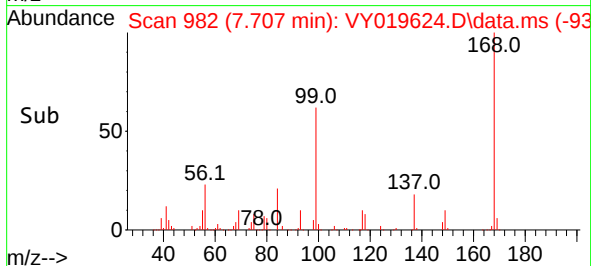
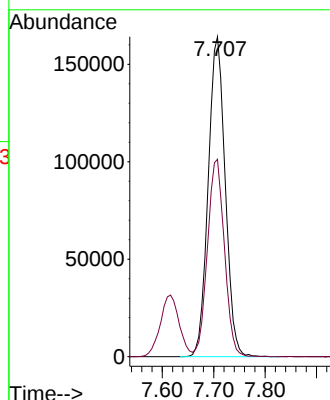
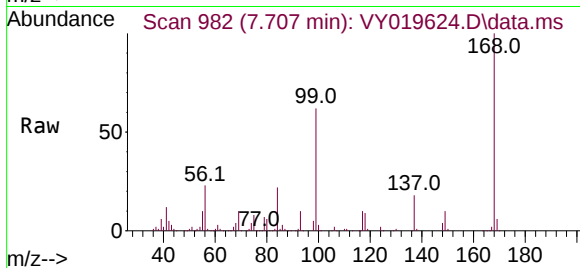




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019624.D
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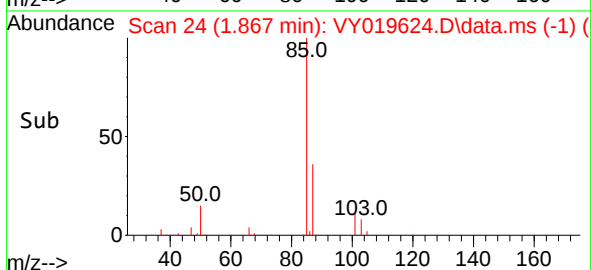
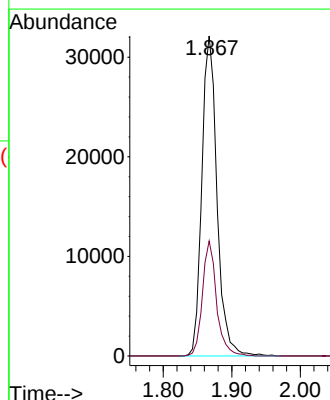
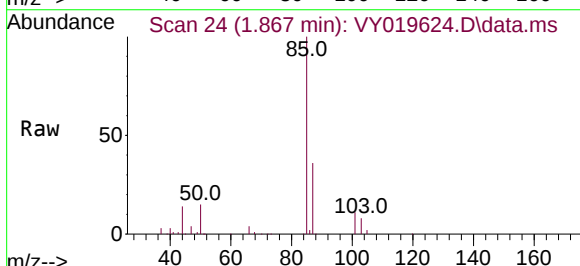
Instrument :
MSVOA_Y
ClientSampleId :

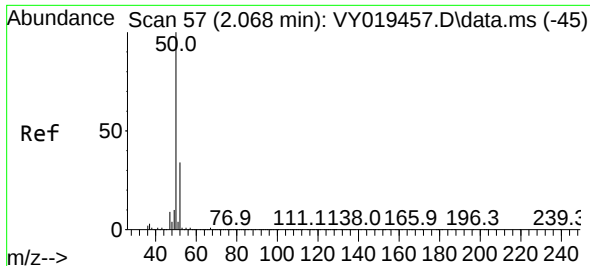
Tgt Ion:168 Resp: 376293
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 21.767 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 85 Resp: 49525
Ion Ratio Lower Upper
85 100
87 36.0 16.0 48.0

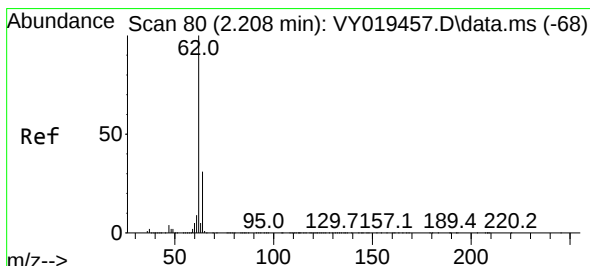
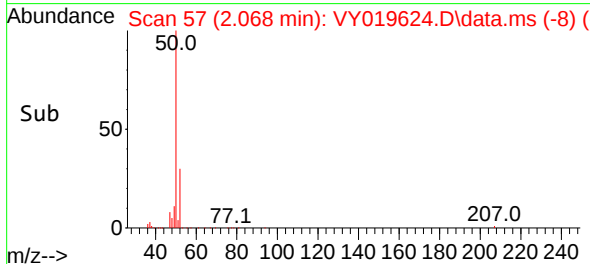
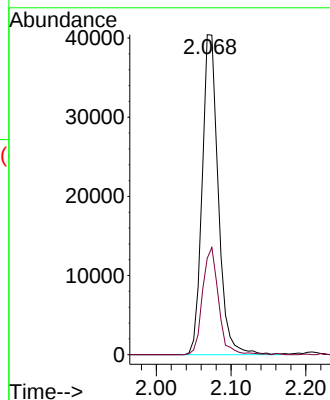
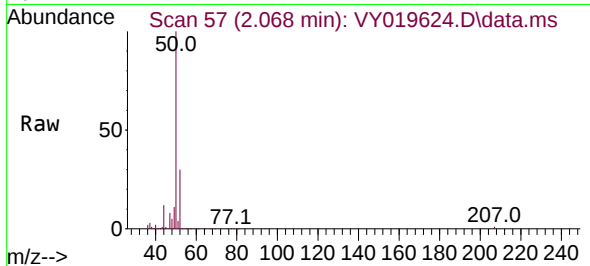




#3
Chloromethane
Concen: 19.469 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

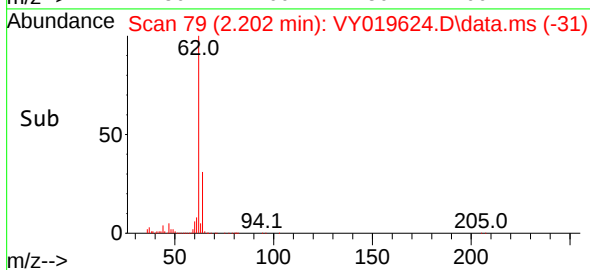
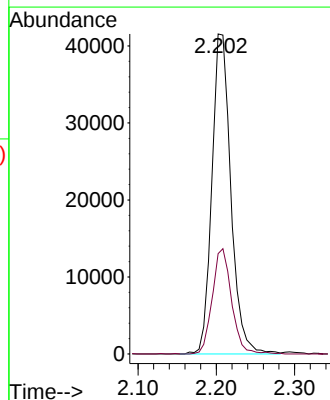
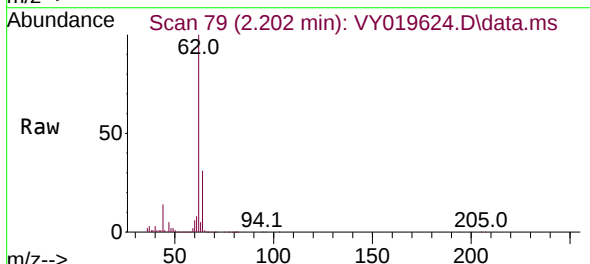
Instrument :
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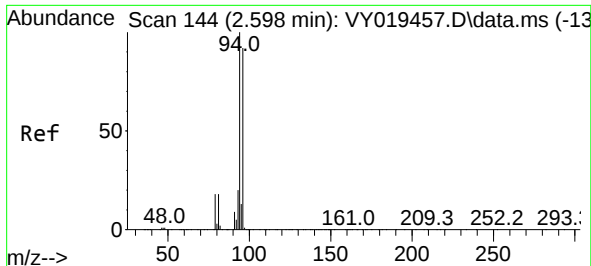
Tgt Ion: 50 Resp: 60612
Ion Ratio Lower Upper
50 100
52 30.1 25.6 38.4



#4
Vinyl Chloride
Concen: 20.786 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 62 Resp: 69977
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

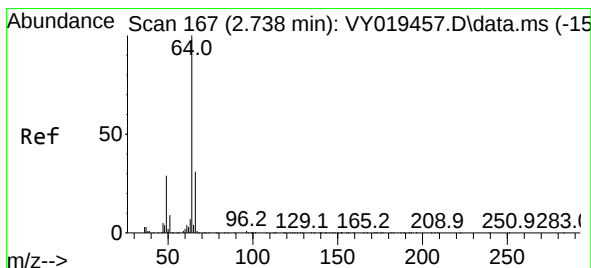
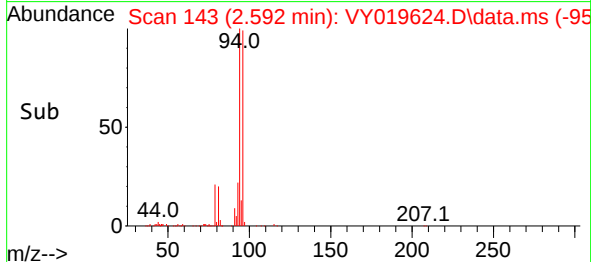
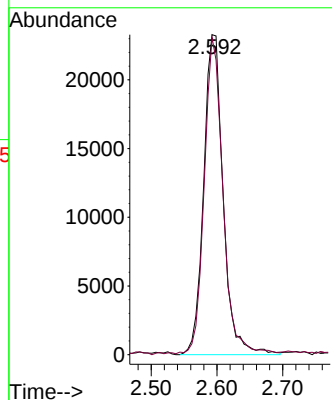
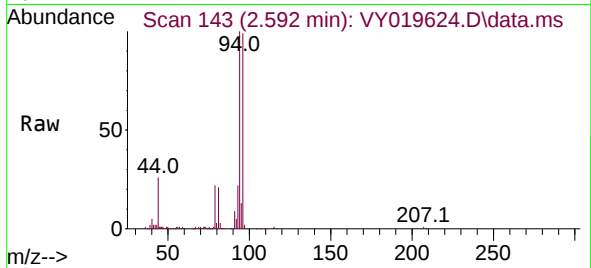




#5
Bromomethane
Concen: 23.285 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019624.D
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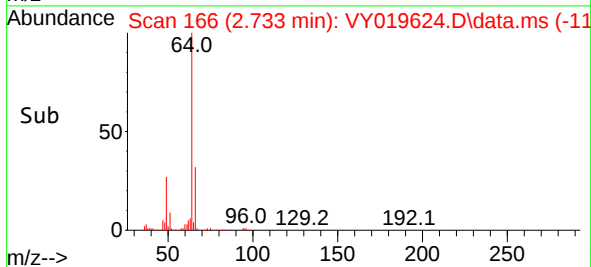
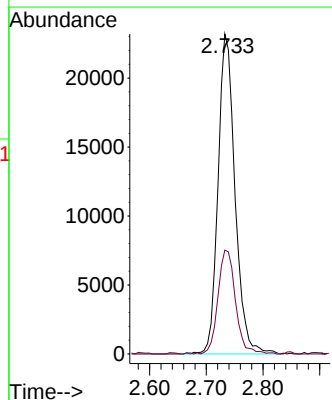
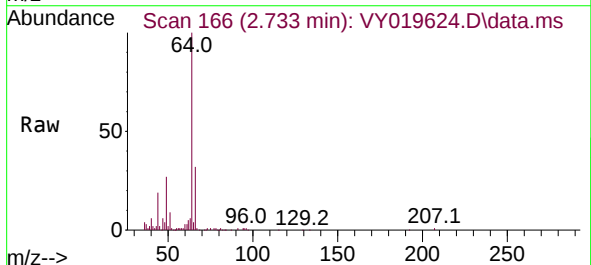
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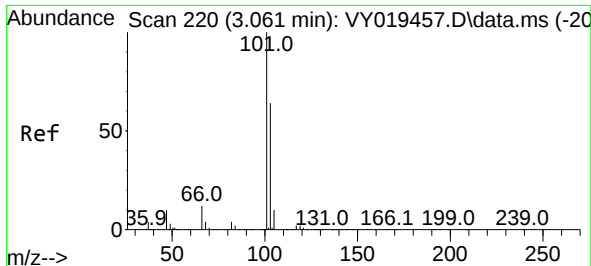
Tgt Ion: 94 Resp: 48150
Ion Ratio Lower Upper
94 100
96 98.3 74.1 111.1



#6
Chloroethane
Concen: 21.918 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019624.D
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Tgt Ion: 64 Resp: 48236
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1

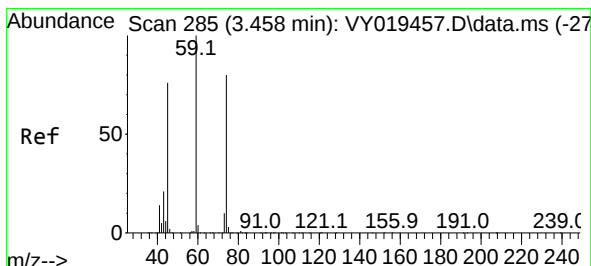
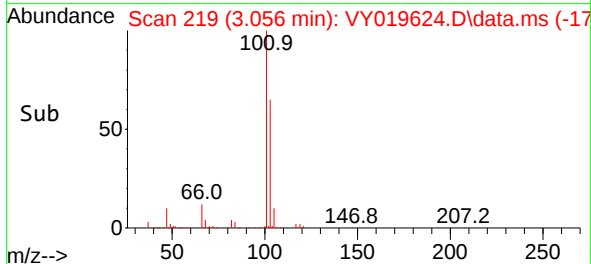
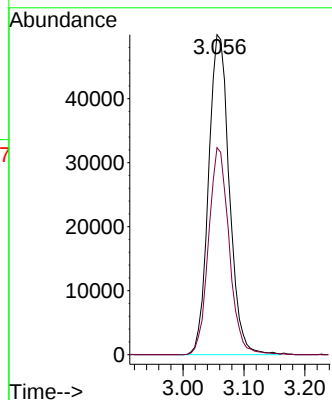
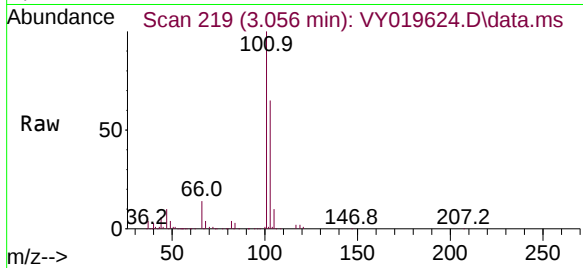




#7
 Trichlorofluoromethane
 Concen: 21.095 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019624.D
 Acq: 19 Sep 2024 11:10

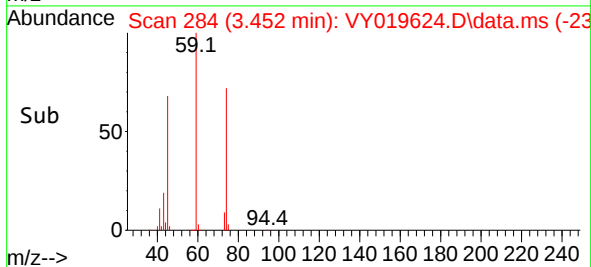
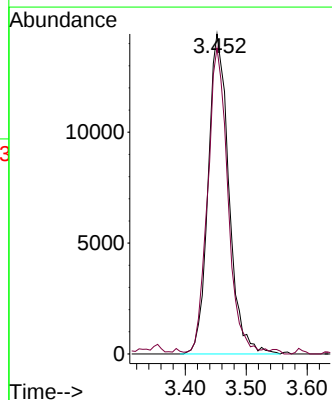
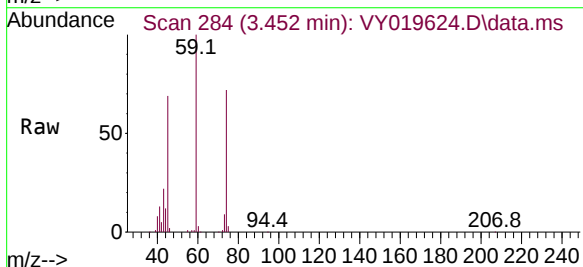
Instrument :
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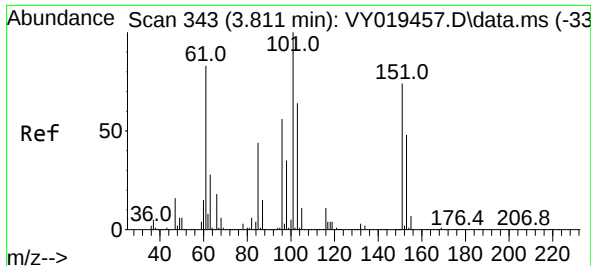
Tgt Ion:101 Resp: 118381
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.125 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019624.D
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Tgt Ion: 74 Resp: 34142
 Ion Ratio Lower Upper
 74 100
 45 91.7 41.3 124.1

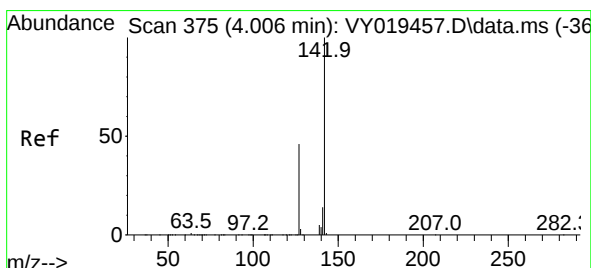
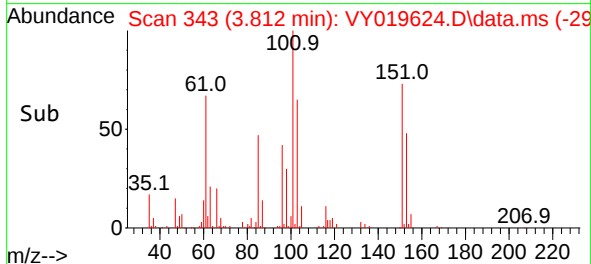
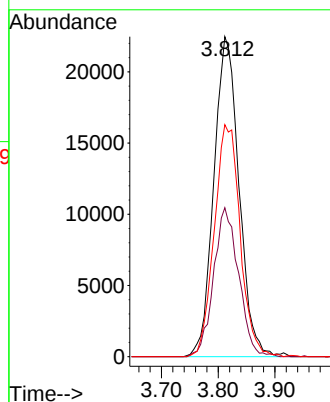
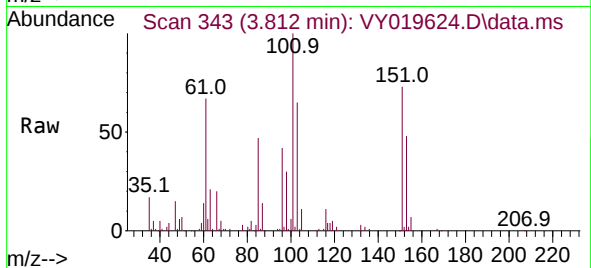




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.930 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

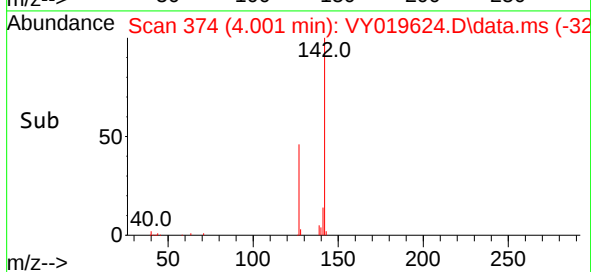
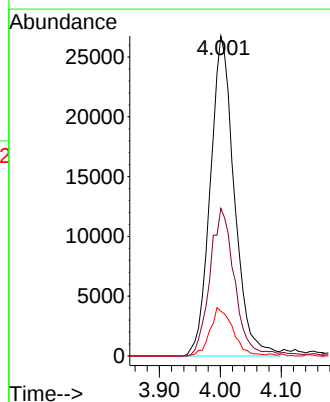
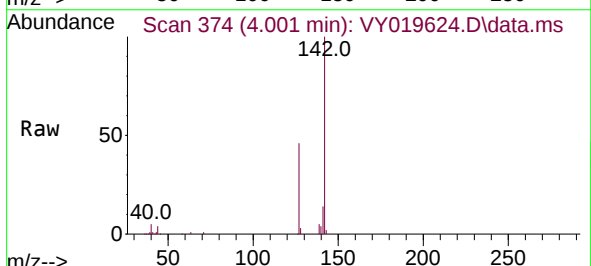
Instrument :
MSVOA_Y
ClientSampleId :

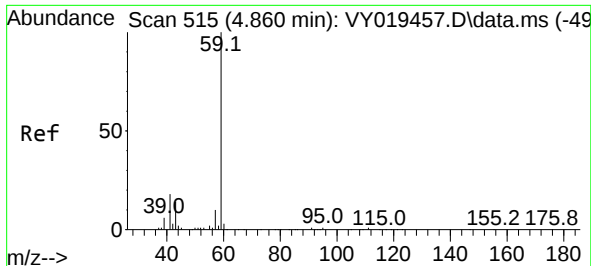
Tgt Ion:101 Resp: 69188
Ion Ratio Lower Upper
101 100
85 46.1 34.5 51.7
151 74.6 61.7 92.5



#10
Methyl Iodide
Concen: 16.513 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion:142 Resp: 73497
Ion Ratio Lower Upper
142 100
127 47.1 32.8 49.2
141 14.3 11.4 17.2

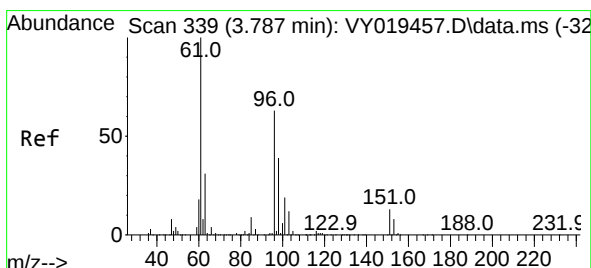
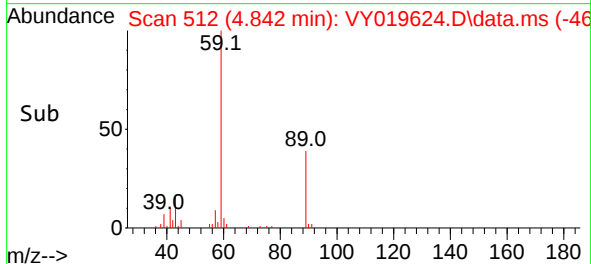
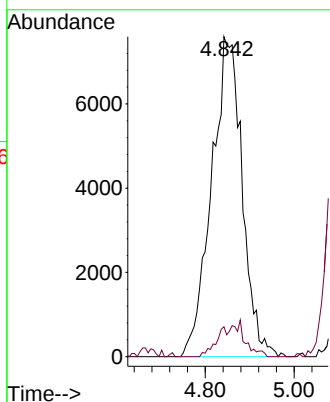
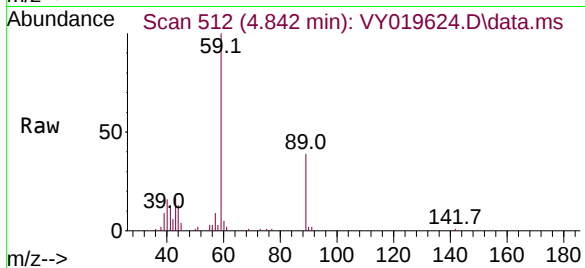




#11
Tert butyl alcohol
Concen: 128.884 ug/l
RT: 4.842 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

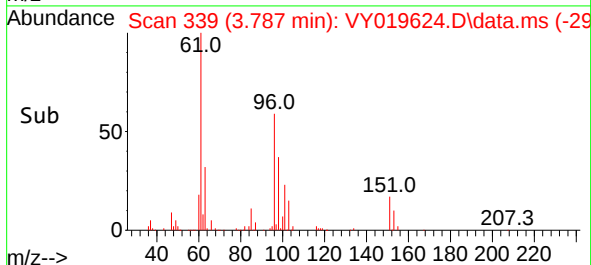
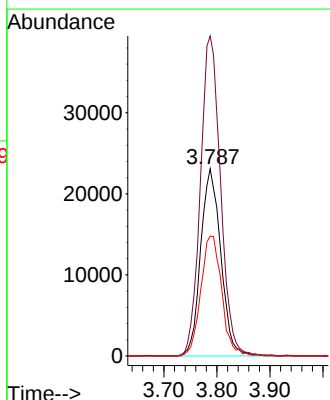
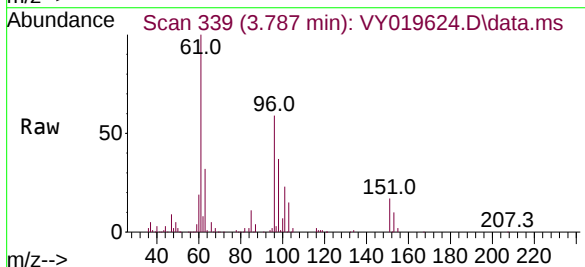
Instrument :
MSVOA_Y
ClientSampleId :

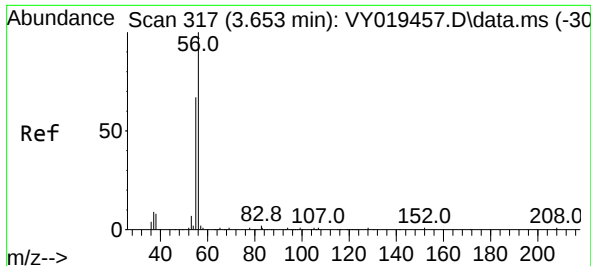
Tgt Ion: 59 Resp: 36267
Ion Ratio Lower Upper
59 100
57 3.5 3.0 4.6



#12
1,1-Dichloroethene
Concen: 18.265 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

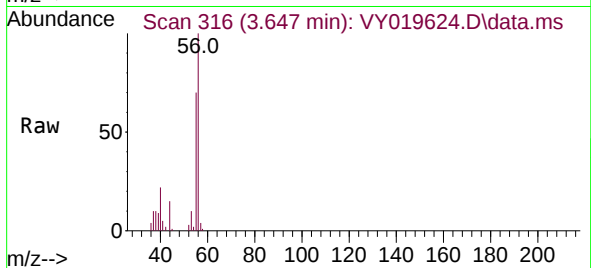
Tgt Ion: 96 Resp: 60978
Ion Ratio Lower Upper
96 100
61 170.9 114.6 171.8
98 64.0 50.8 76.2



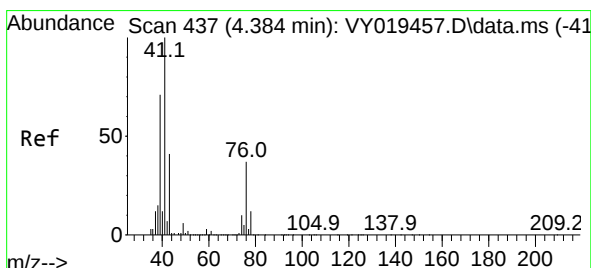
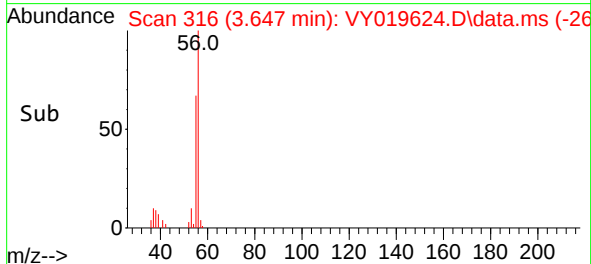
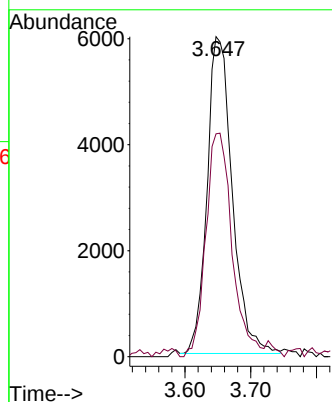


#13
Acrolein
Concen: 109.700 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Instrument :
MSVOA_Y
ClientSampleId :

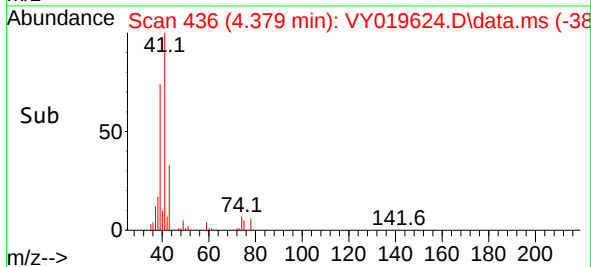
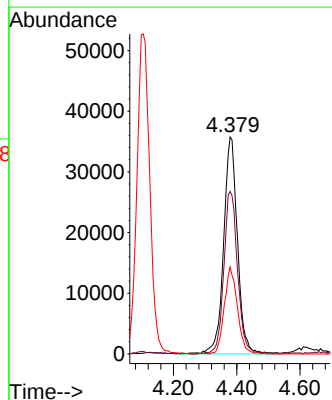
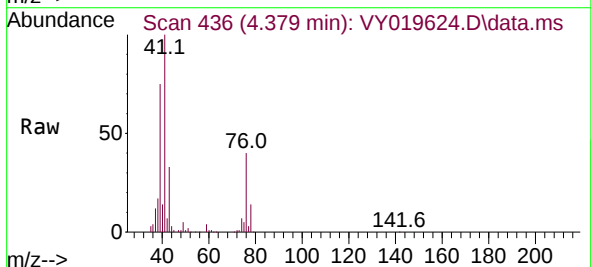


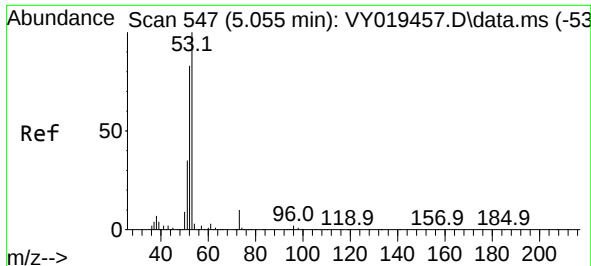
Tgt Ion: 56 Resp: 15950
Ion Ratio Lower Upper
56 100
55 73.2 55.7 83.5



#14
Allyl chloride
Concen: 18.129 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 41 Resp: 108540
Ion Ratio Lower Upper
41 100
39 74.2 58.3 87.5
76 37.7 39.0 58.6#

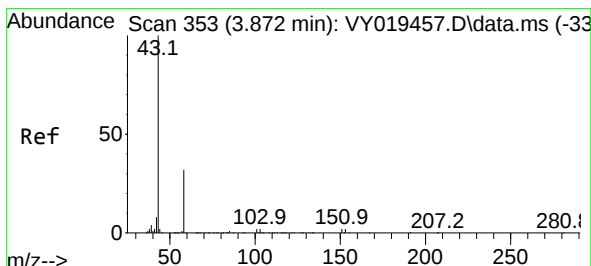
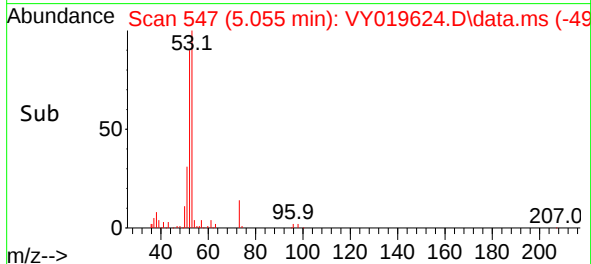
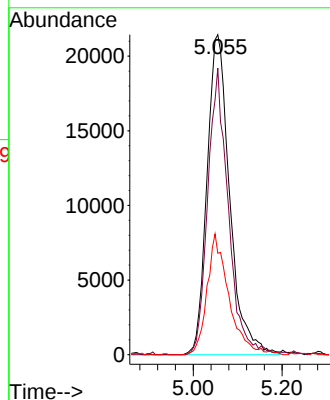
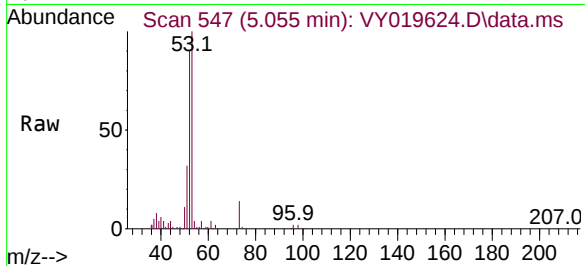




#15
Acrylonitrile
Concen: 93.540 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

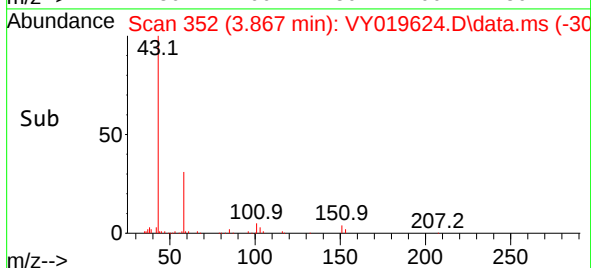
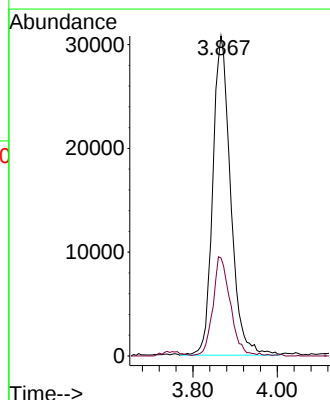
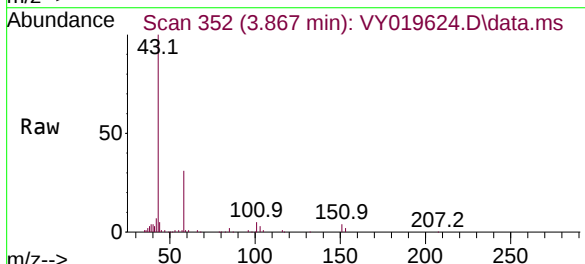
Instrument :
MSVOA_Y
ClientSampleId :

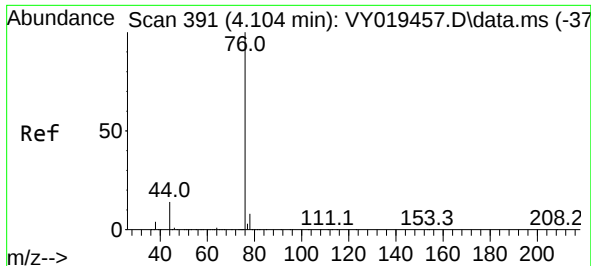
Tgt Ion: 53 Resp: 75975
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 36.1 28.4 42.6



#16
Acetone
Concen: 108.685 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 43 Resp: 90220
Ion Ratio Lower Upper
43 100
58 30.2 31.7 47.5#

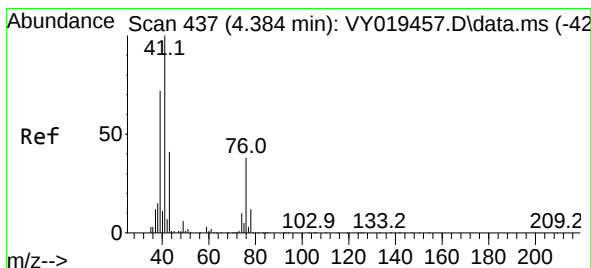
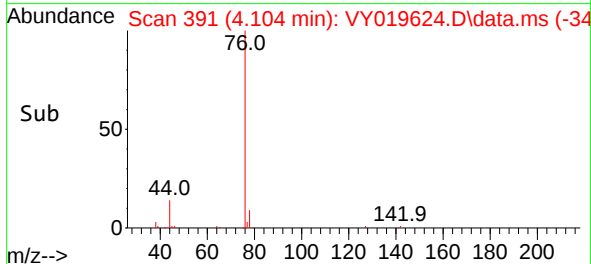
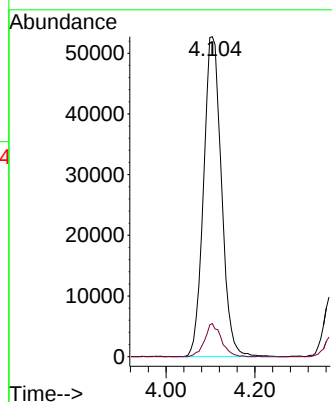
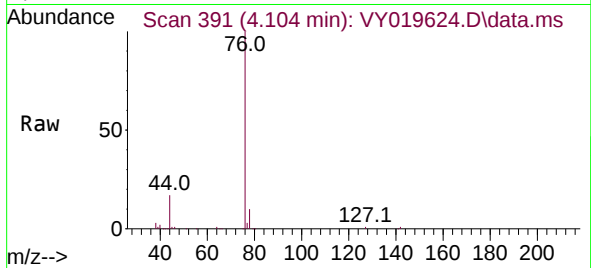




#17
Carbon Disulfide
Concen: 16.402 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

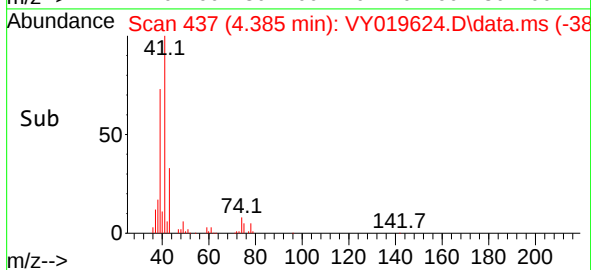
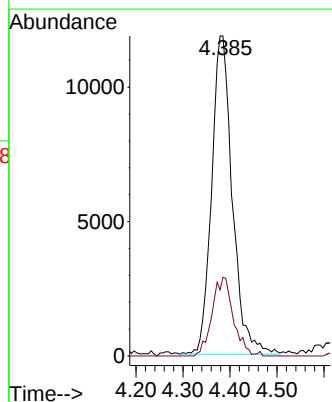
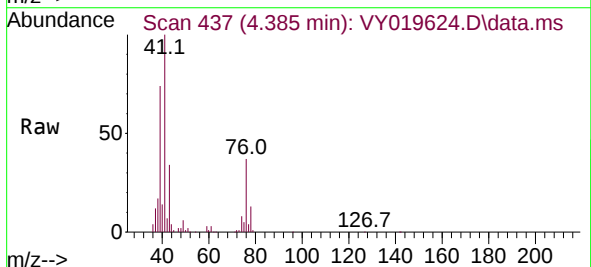
Instrument :
MSVOA_Y
ClientSampleId :

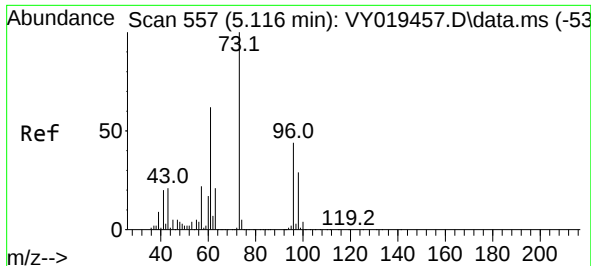
Tgt Ion: 76 Resp: 147948
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2#



#18
Methyl Acetate
Concen: 16.133 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 43 Resp: 36343
Ion Ratio Lower Upper
43 100
74 25.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 18.686 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

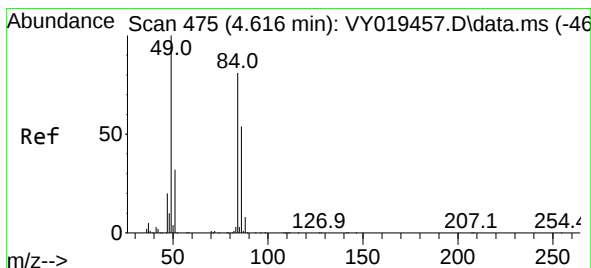
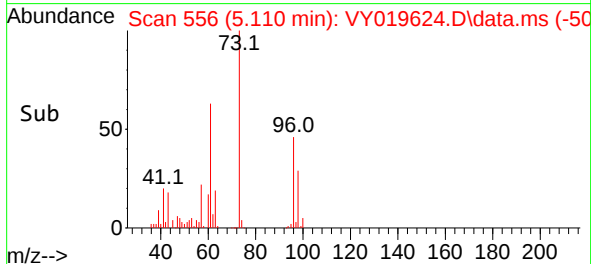
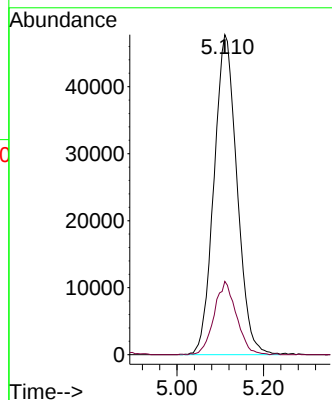
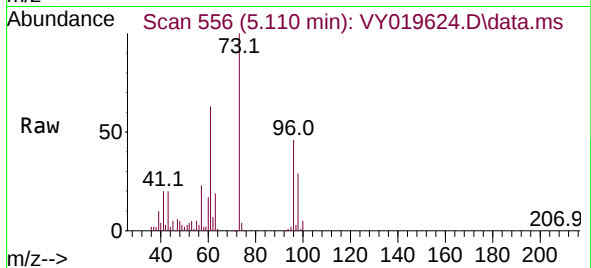
ClientSampleId :

Tgt Ion: 73 Resp: 176683

Ion Ratio Lower Upper

73 100

57 22.9 17.3 25.9



#20

Methylene Chloride

Concen: 19.480 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Tgt Ion: 84 Resp: 73746

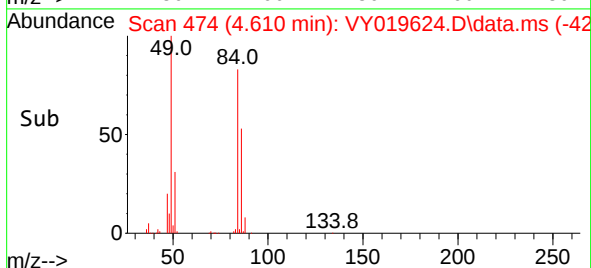
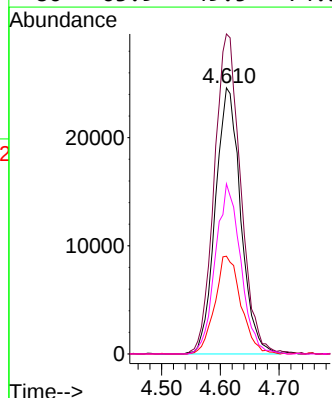
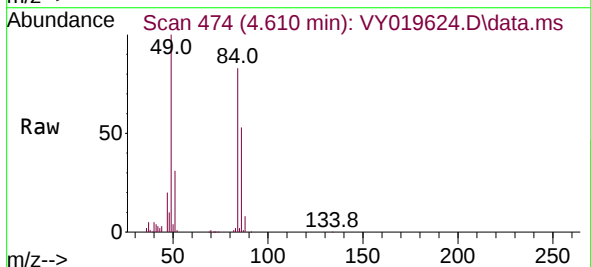
Ion Ratio Lower Upper

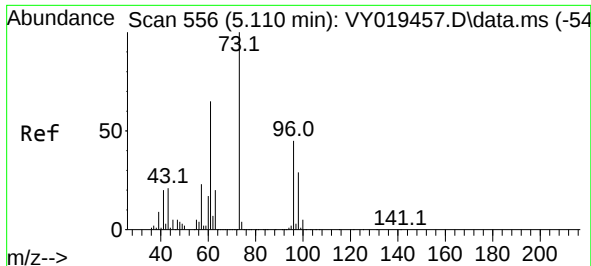
84 100

49 120.3 84.4 126.6

51 36.7 26.0 39.0

86 63.9 49.5 74.3

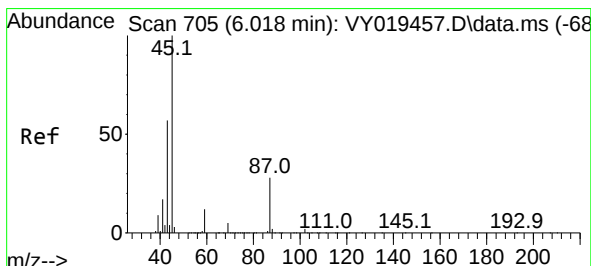
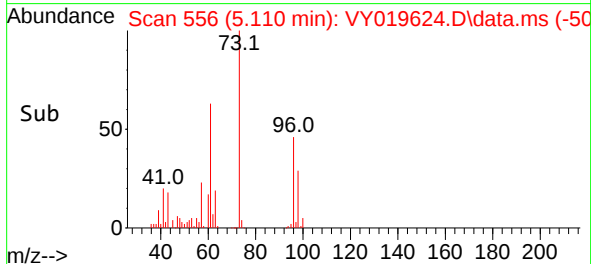
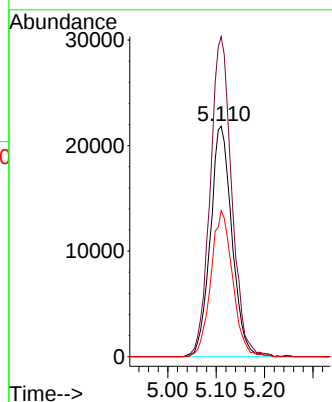
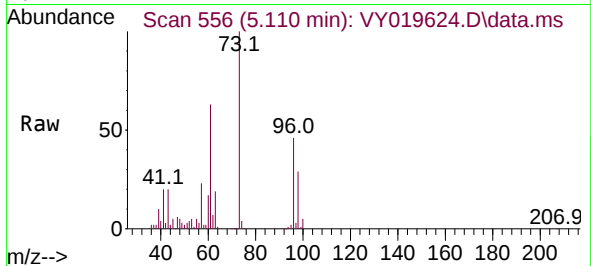




#21
trans-1,2-Dichloroethene
Concen: 18.550 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

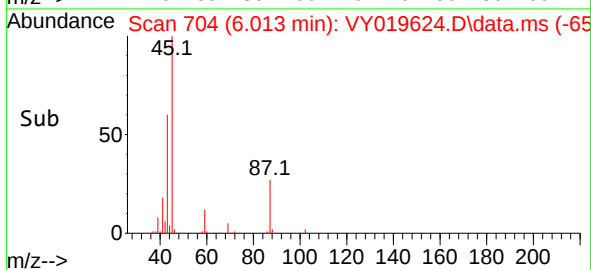
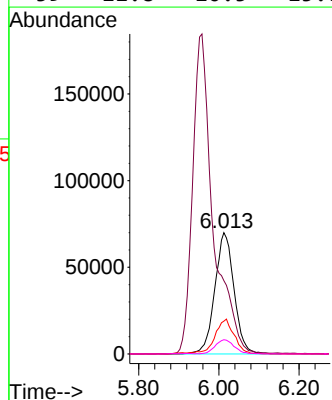
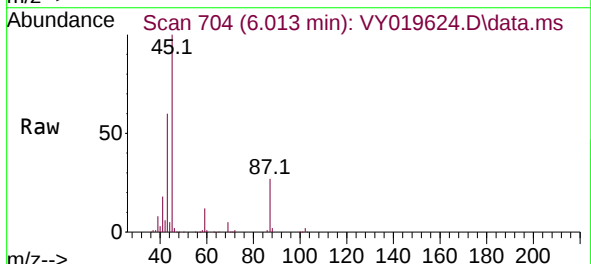
Instrument :
MSVOA_Y
ClientSampleId :

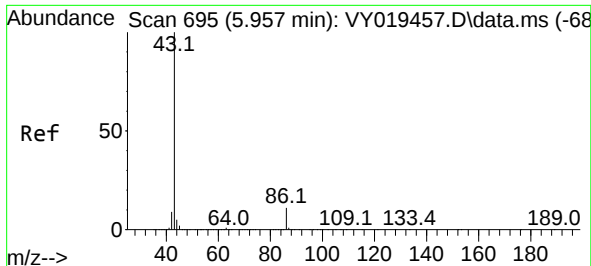
Tgt Ion: 96 Resp: 67881
Ion Ratio Lower Upper
96 100
61 138.9 97.5 146.3
98 63.3 50.5 75.7



#22
Diisopropyl ether
Concen: 18.954 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 45 Resp: 233028
Ion Ratio Lower Upper
45 100
43 59.7 42.2 63.2
87 27.1 25.0 37.6
59 11.8 10.5 15.7

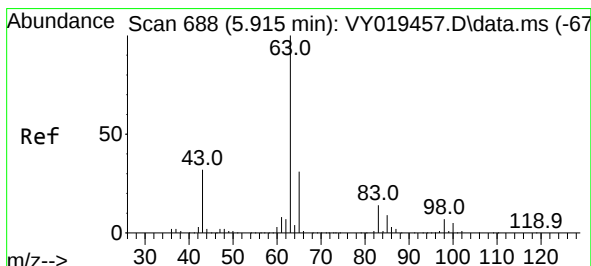
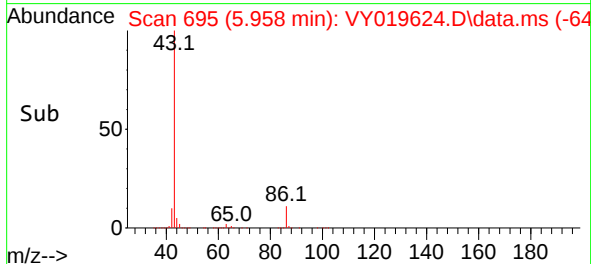
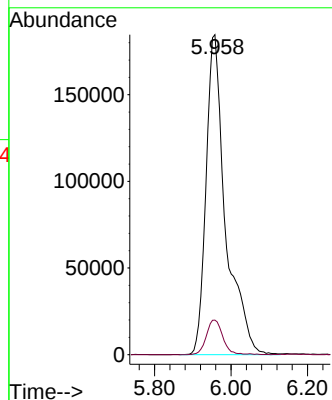
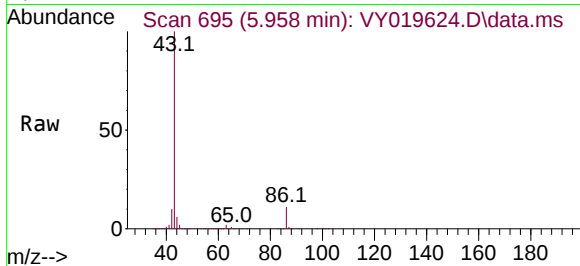




#23
 Vinyl Acetate
 Concen: 93.340 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019624.D
 Acq: 19 Sep 2024 11:10

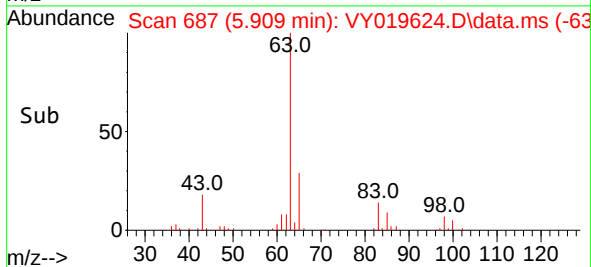
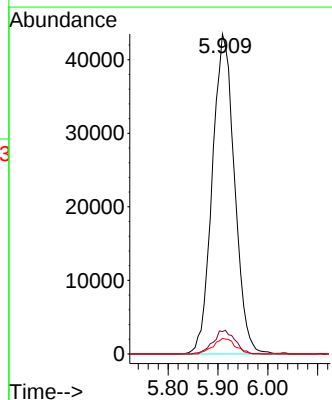
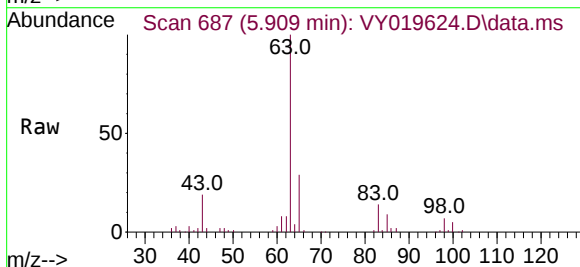
Instrument :
 MSVOA_Y
 ClientSampleId :

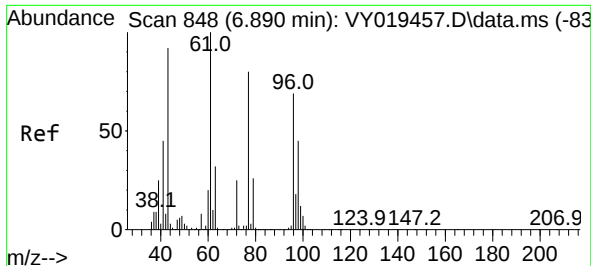
Tgt Ion: 43 Resp: 655472
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.544 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019624.D
 Acq: 19 Sep 2024 11:10

Tgt Ion: 63 Resp: 134830
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.8 2.6 8.0

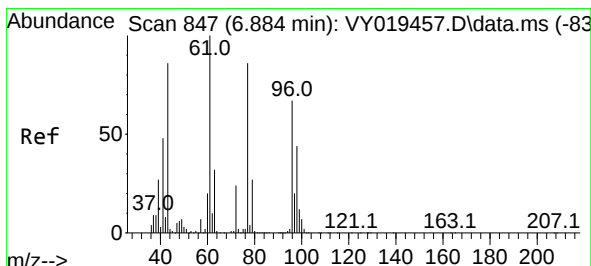
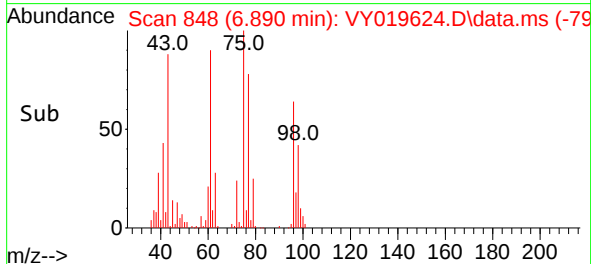
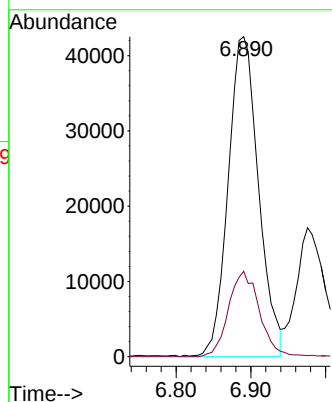
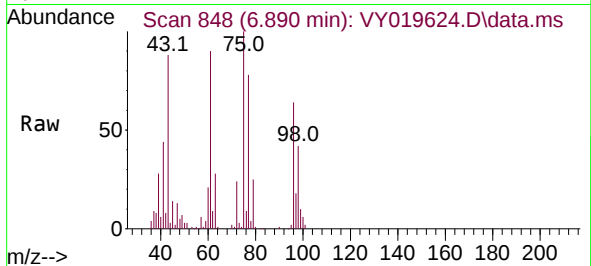




#25
2-Butanone
Concen: 101.852 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

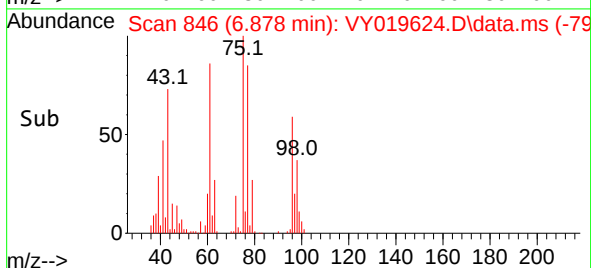
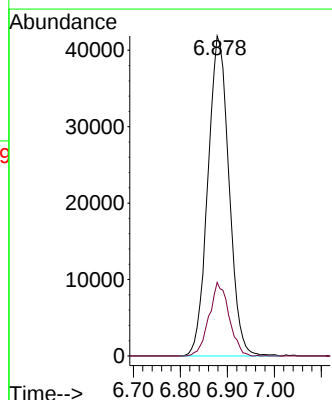
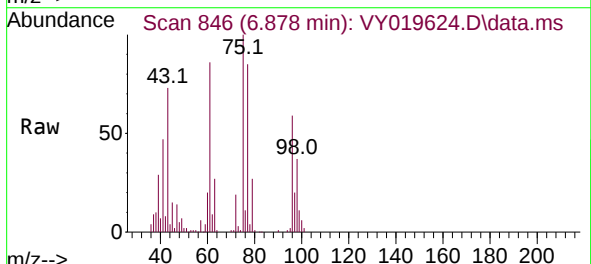
Instrument :
MSVOA_Y
ClientSampleId :

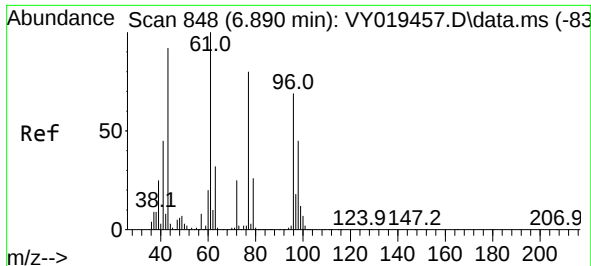
Tgt Ion: 43 Resp: 120248
Ion Ratio Lower Upper
43 100
72 26.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.007 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

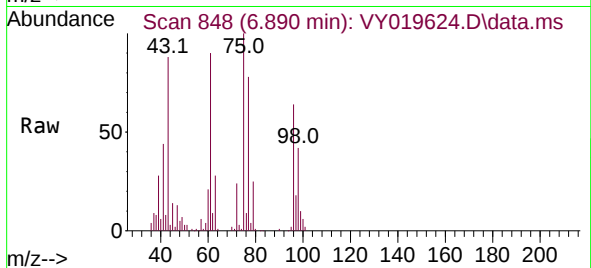
Tgt Ion: 77 Resp: 130726
Ion Ratio Lower Upper
77 100
97 21.7 12.0 36.1



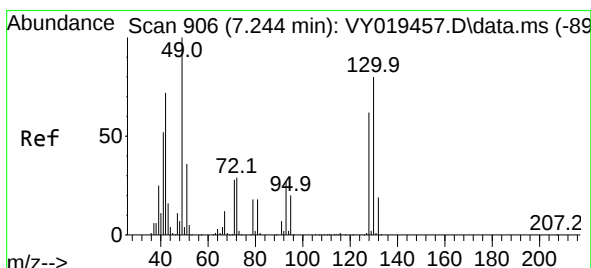
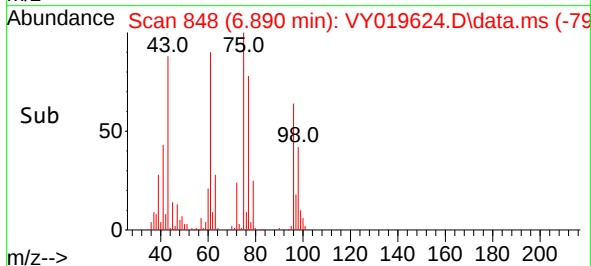
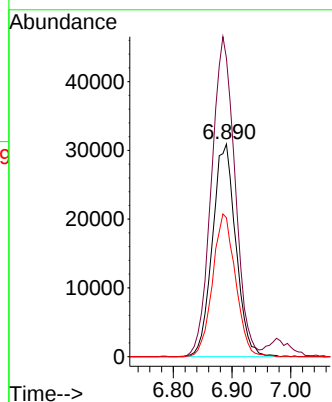


#27
 cis-1,2-Dichloroethene
 Concen: 19.257 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019624.D
 Acq: 19 Sep 2024 11:10

Instrument :
 MSVOA_Y
 ClientSampleId :

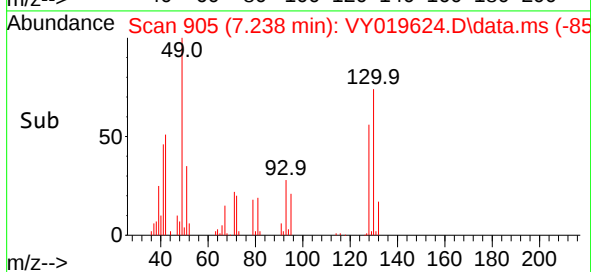
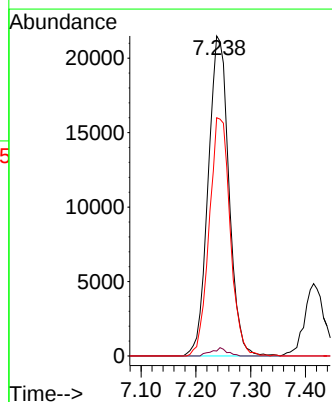
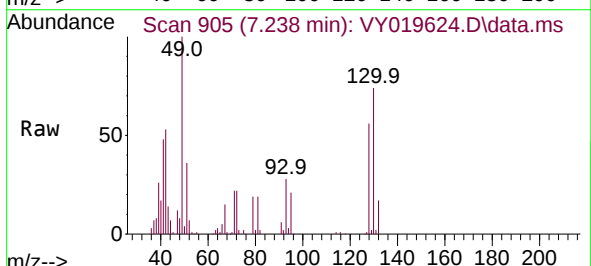


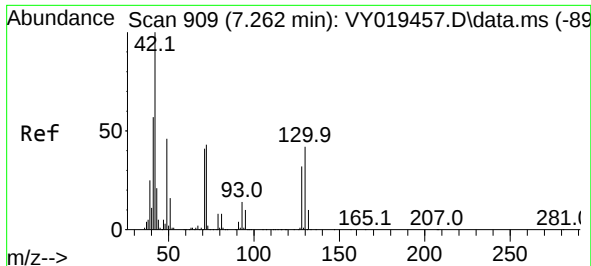
Tgt Ion:	96	Resp:	85597
Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	256.2
98	65.8	0.0	130.0



#28
 Bromochloromethane
 Concen: 19.405 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY019624.D
 Acq: 19 Sep 2024 11:10

Tgt Ion:	49	Resp:	56328
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	75.4	72.7	109.1

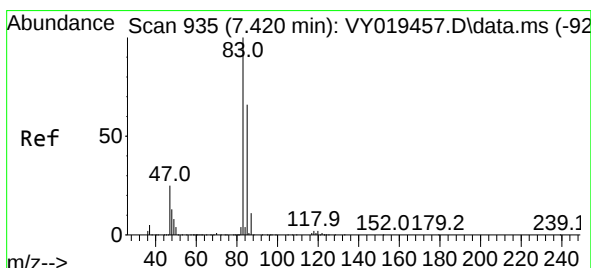
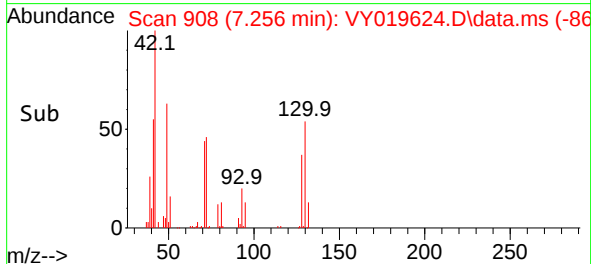
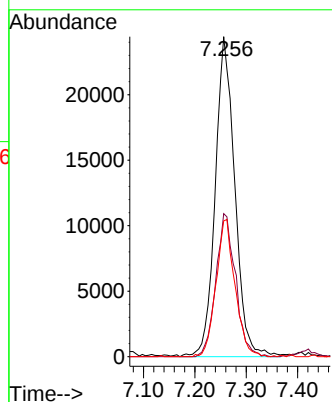
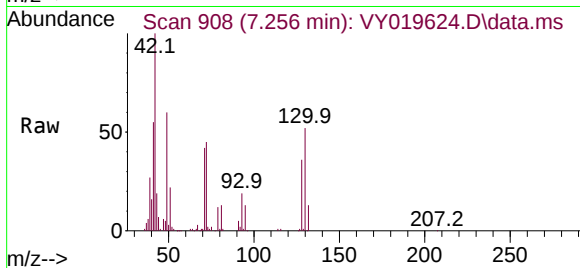




#29
Tetrahydrofuran
Concen: 90.185 ug/l
RT: 7.256 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

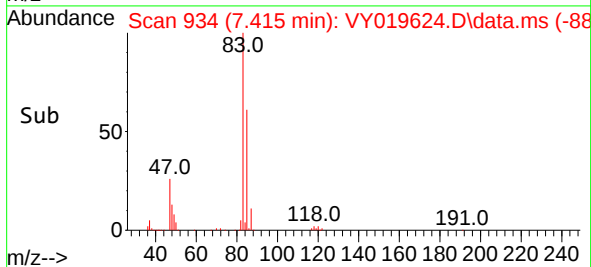
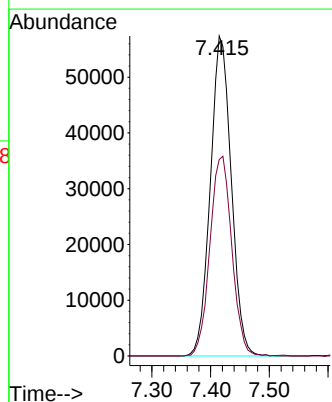
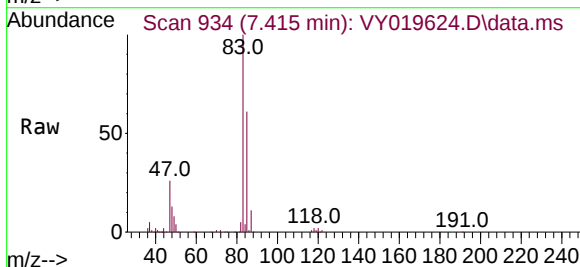
Instrument :
MSVOA_Y
ClientSampleId :

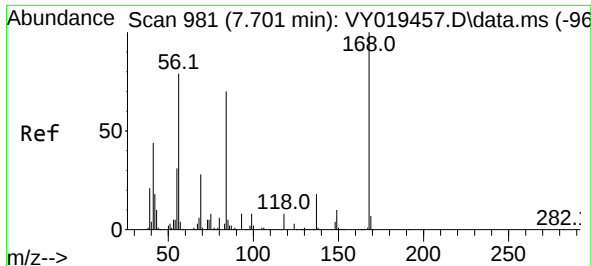
Tgt Ion: 42 Resp: 64738
Ion Ratio Lower Upper
42 100
72 44.7 43.0 64.4
71 41.6 40.8 61.2



#30
Chloroform
Concen: 20.171 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

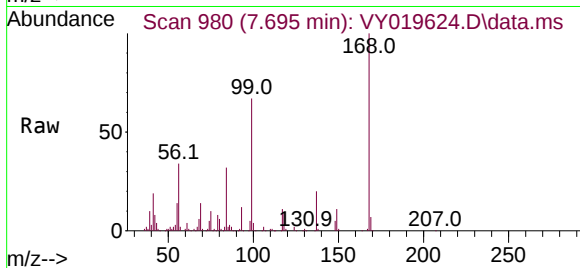
Tgt Ion: 83 Resp: 142061
Ion Ratio Lower Upper
83 100
85 61.4 52.2 78.4



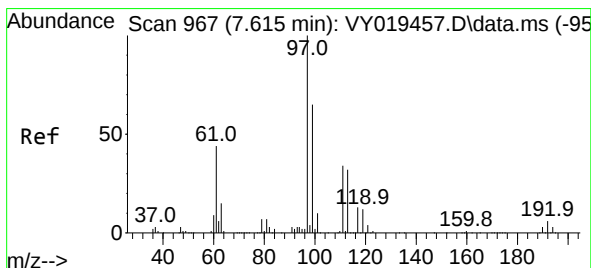
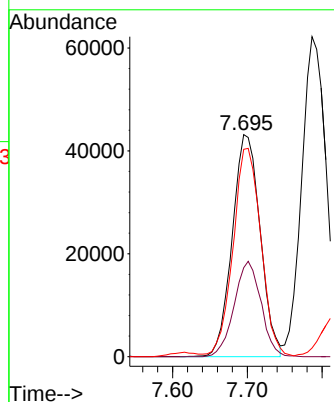
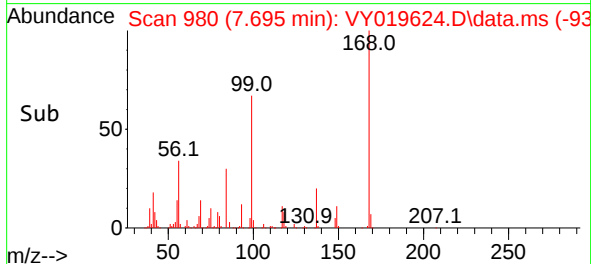


#31
Cyclohexane
Concen: 17.996 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Instrument :
MSVOA_Y
ClientSampleId :

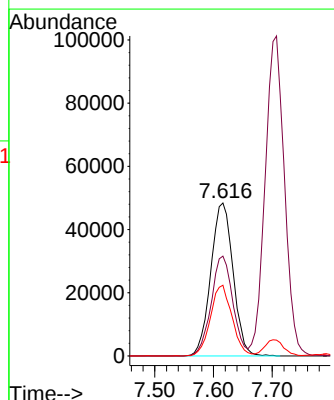
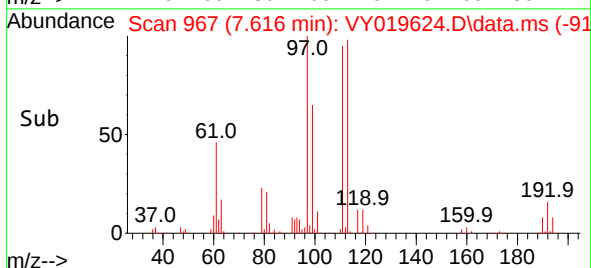
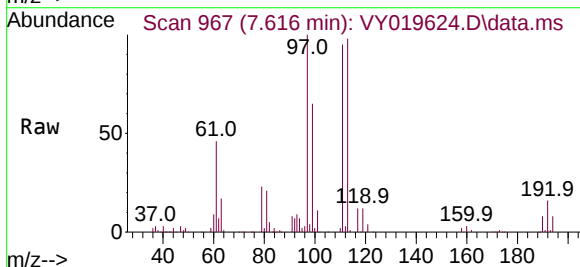


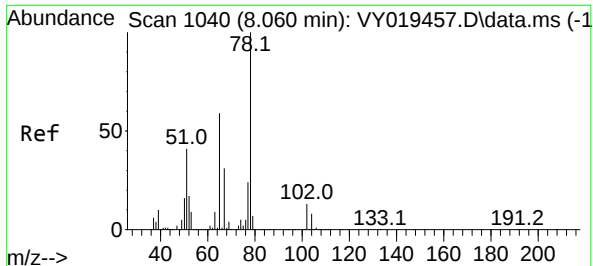
Tgt Ion: 56 Resp: 112222
Ion Ratio Lower Upper
56 100
69 40.0 28.7 43.1
84 91.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.174 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 97 Resp: 127349
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 45.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.947 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

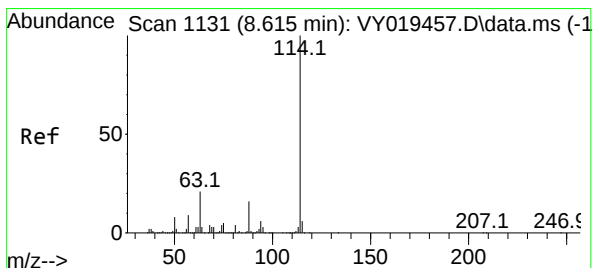
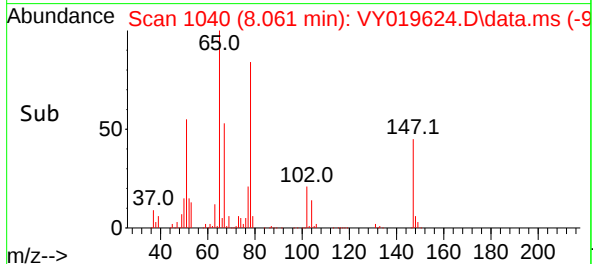
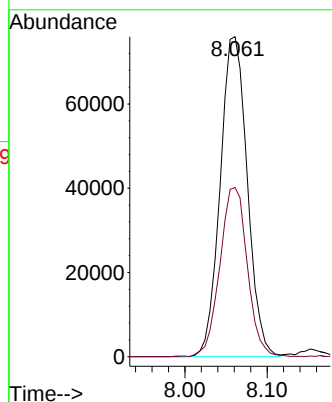
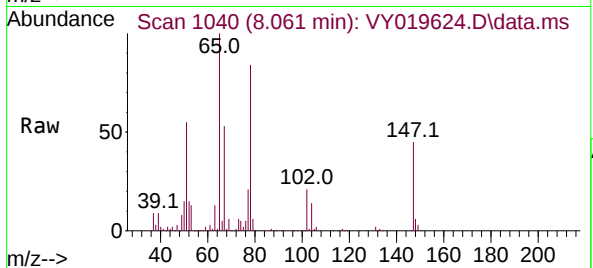
ClientSampleId :

Tgt Ion: 65 Resp: 174034

Ion Ratio Lower Upper

65 100

67 53.7 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: VY019624.D

Acq: 19 Sep 2024 11:10

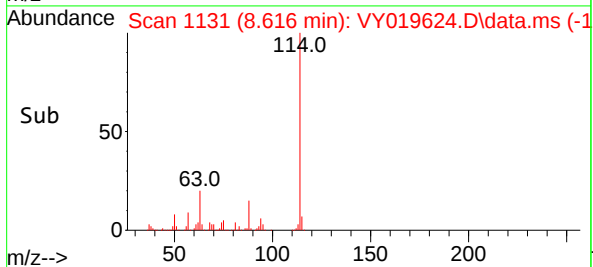
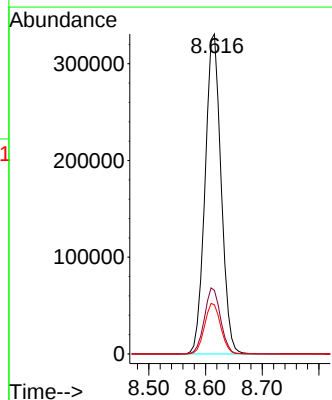
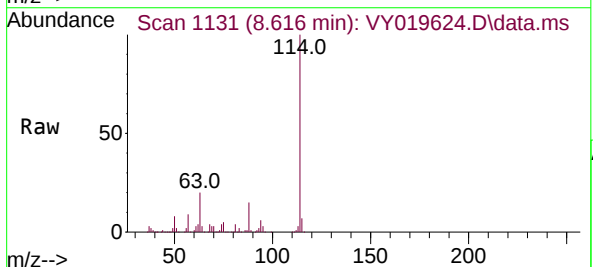
Tgt Ion: 114 Resp: 648787

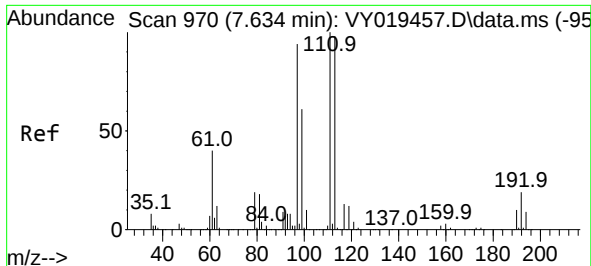
Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

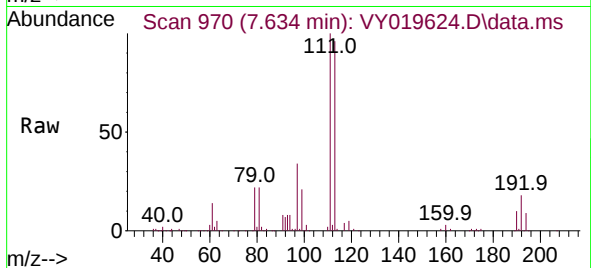
88 15.3 0.0 27.2



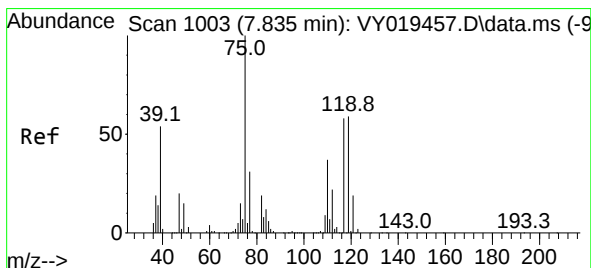
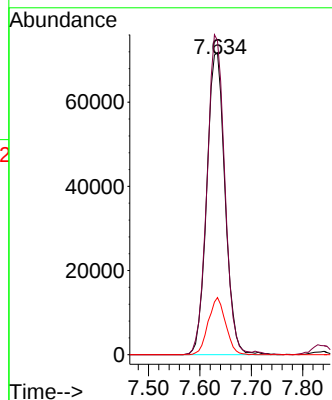
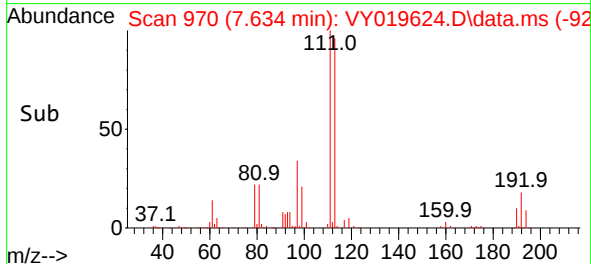


#35
 Dibromofluoromethane
 Concen: 48.125 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019624.D
 Acq: 19 Sep 2024 11:10

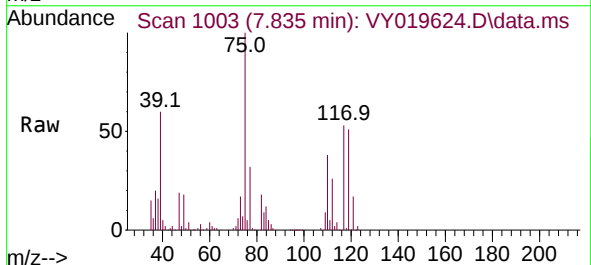
Instrument :
 MSVOA_Y
 ClientSampleId :



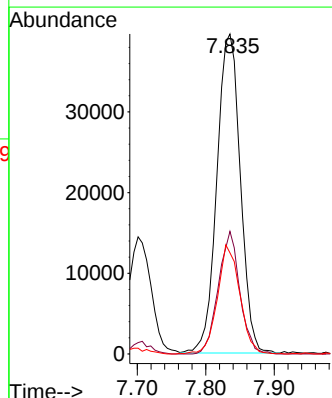
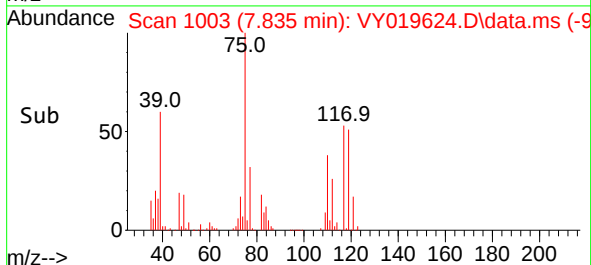
Tgt Ion:113 Resp: 177027
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 18.0 15.9 23.9

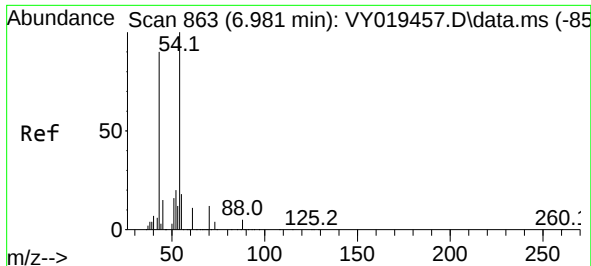


#36
 1,1-Dichloropropene
 Concen: 18.768 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019624.D
 Acq: 19 Sep 2024 11:10



Tgt Ion: 75 Resp: 93942
 Ion Ratio Lower Upper
 75 100
 110 35.1 19.0 57.0
 77 32.7 25.3 37.9





#37

Ethyl Acetate

Concen: 17.617 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

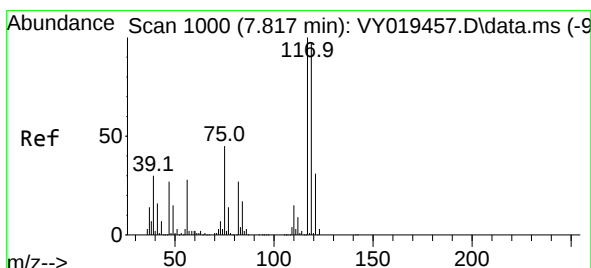
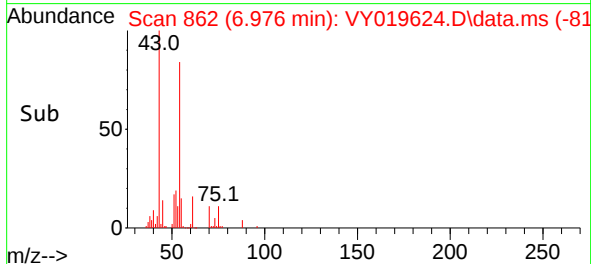
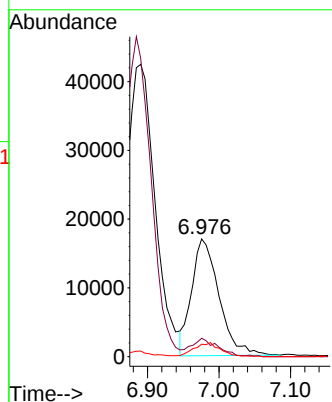
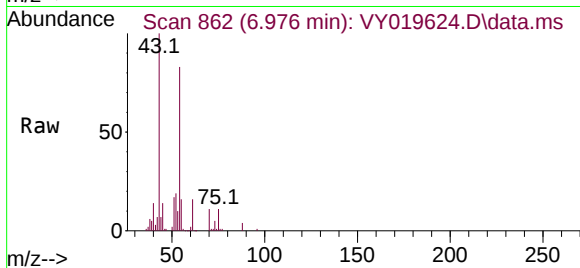
Tgt Ion: 43 Resp: 45181

Ion Ratio Lower Upper

43 100

61 15.8 12.6 19.0

70 11.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.501 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

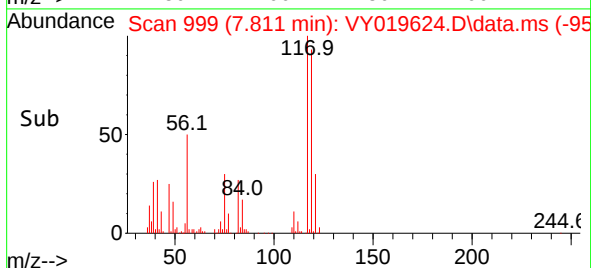
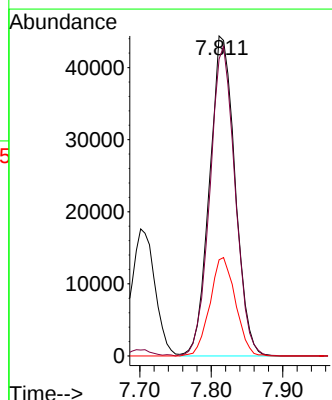
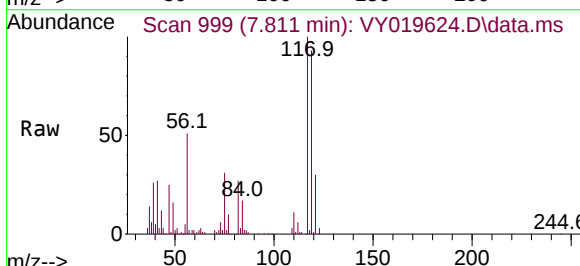
Tgt Ion: 117 Resp: 110074

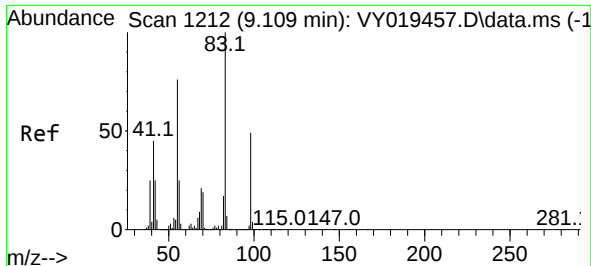
Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.6

121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 17.818 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

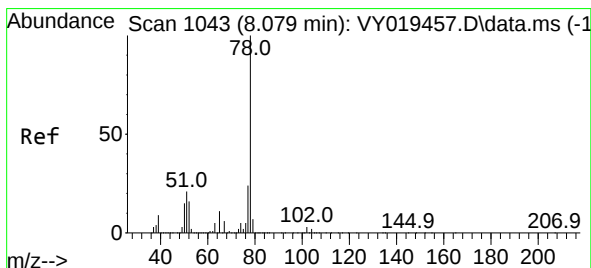
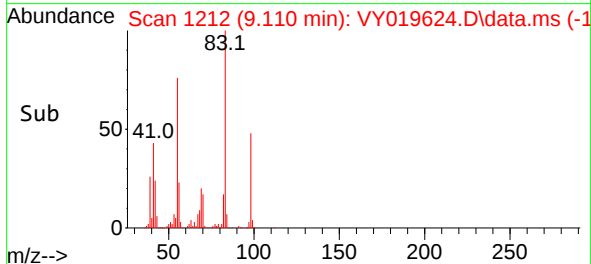
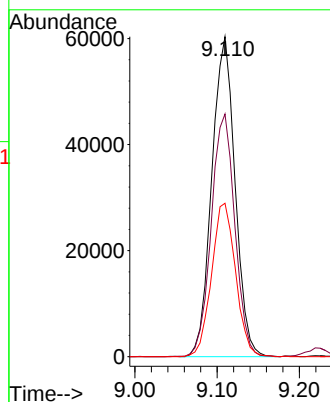
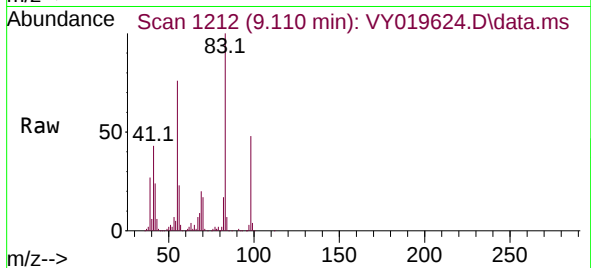
Tgt Ion: 83 Resp: 118685

Ion Ratio Lower Upper

83 100

55 75.9 51.5 77.3

98 48.0 40.5 60.7



#40

Benzene

Concen: 18.807 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019624.D

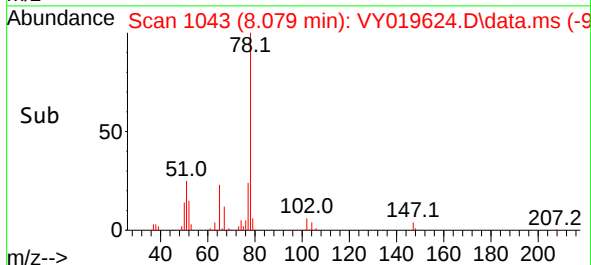
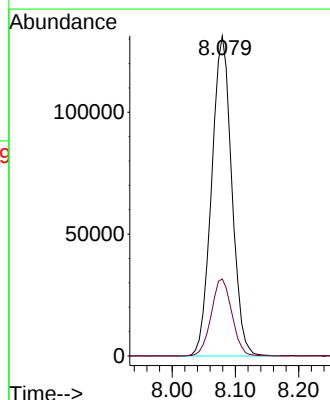
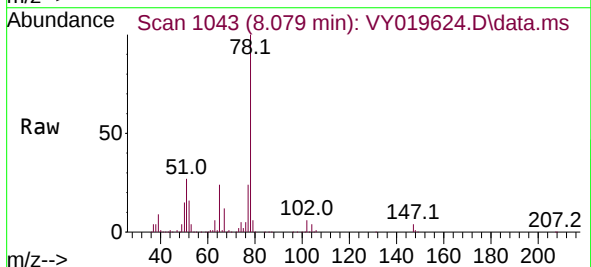
Acq: 19 Sep 2024 11:10

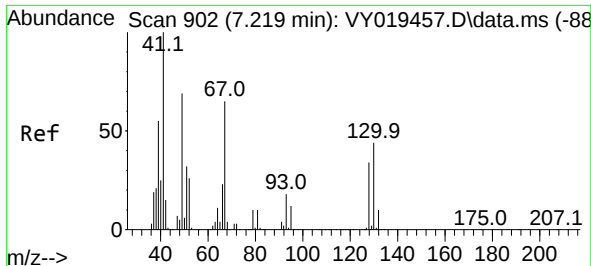
Tgt Ion: 78 Resp: 289952

Ion Ratio Lower Upper

78 100

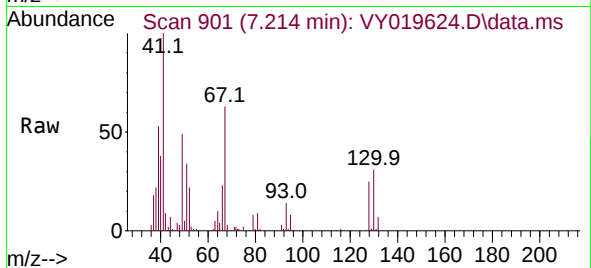
77 24.0 19.5 29.3



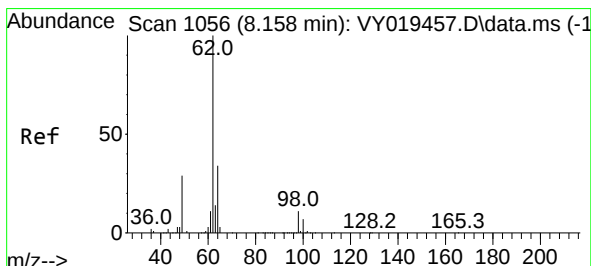
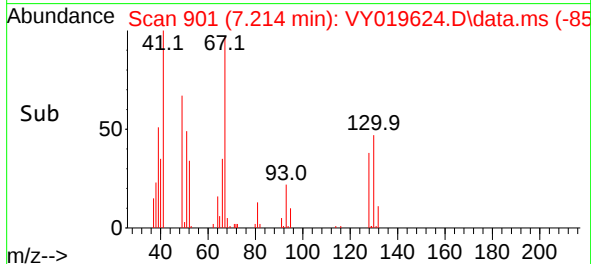
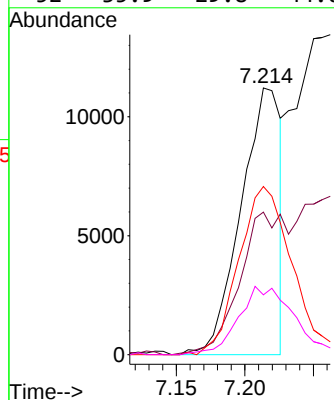


#41
Methacrylonitrile
Concen: 15.165 ug/l
RT: 7.214 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Instrument :
MSVOA_Y
ClientSampleId :

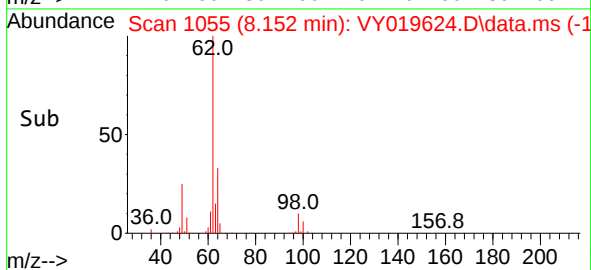
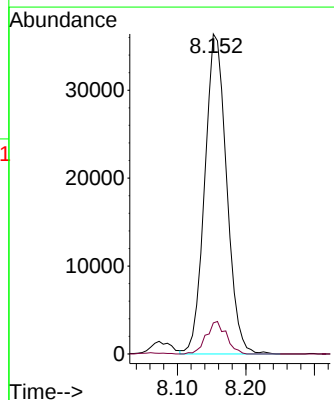
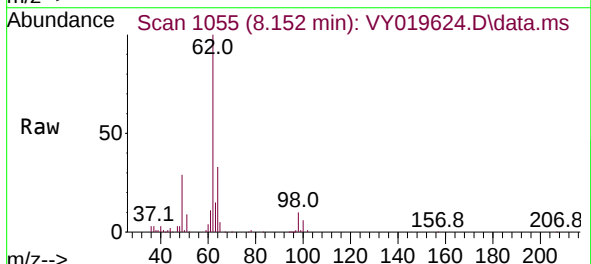


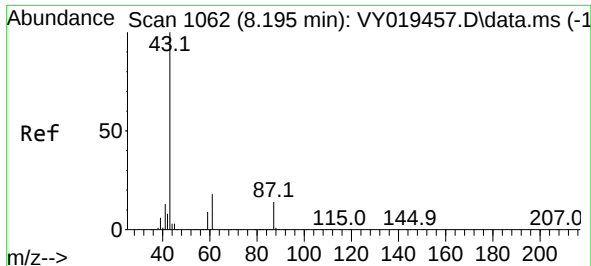
Tgt Ion:	41	Resp:	22671
Ion	Ratio	Lower	Upper
41	100		
39	63.5	48.0	72.0
67	85.1	75.1	112.7
52	35.9	29.8	44.6



#42
1,2-Dichloroethane
Concen: 19.503 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion:	62	Resp:	80906
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	22.0

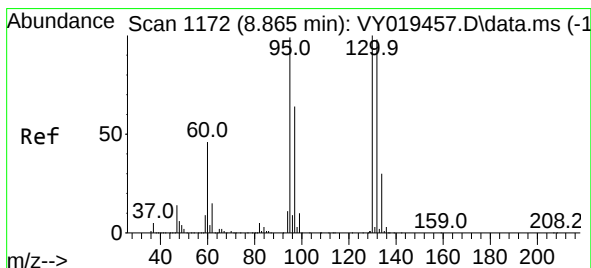
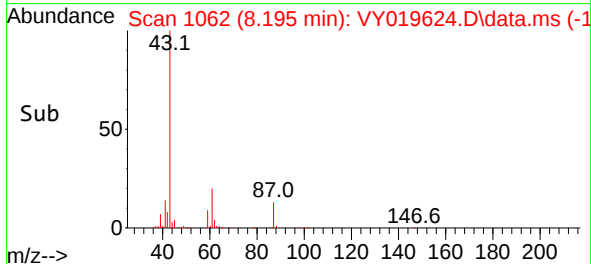
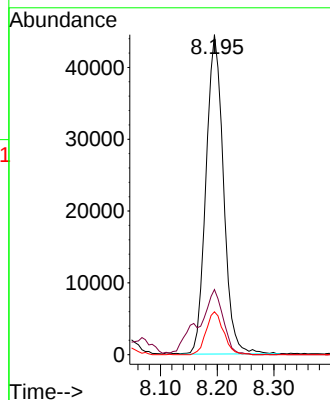
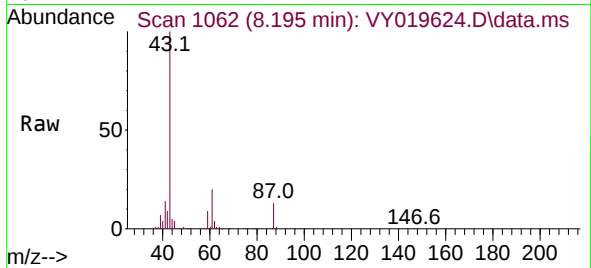




#43
Isopropyl Acetate
Concen: 17.634 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

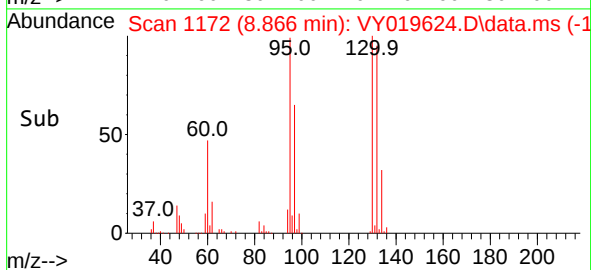
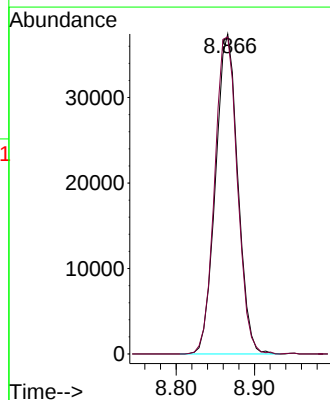
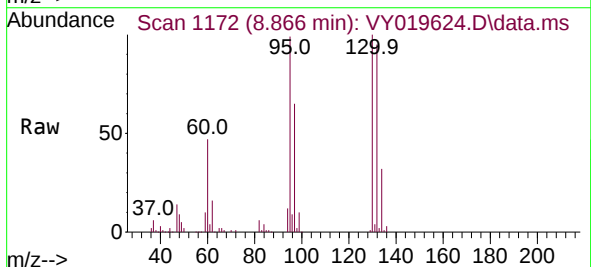
Instrument :
MSVOA_Y
ClientSampleId :

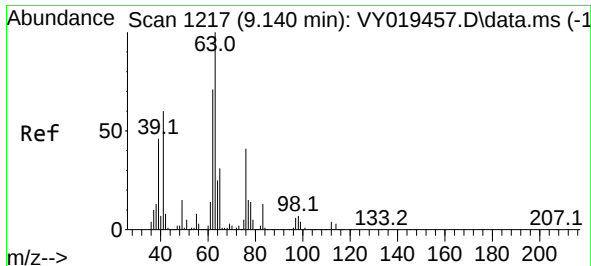
Tgt Ion:	43	Resp:	95013
Ion	Ratio	Lower	Upper
43	100		
61	21.4	27.9	41.9#
87	13.5	13.1	19.7



#44
Trichloroethene
Concen: 18.665 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion:	130	Resp:	74005
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	188.0





#45

1,2-Dichloropropane

Concen: 18.889 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

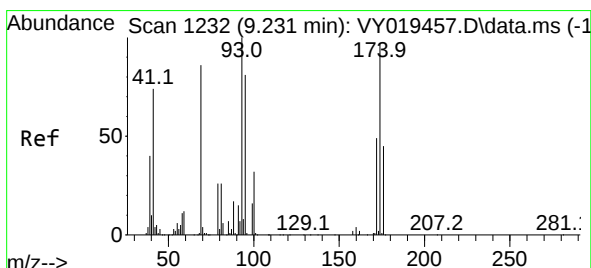
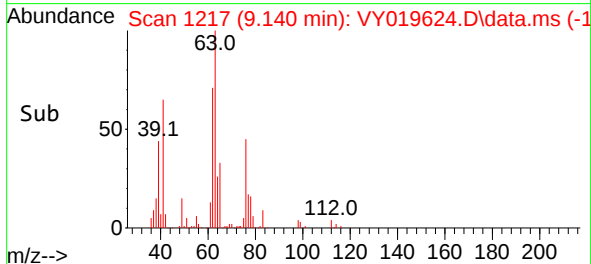
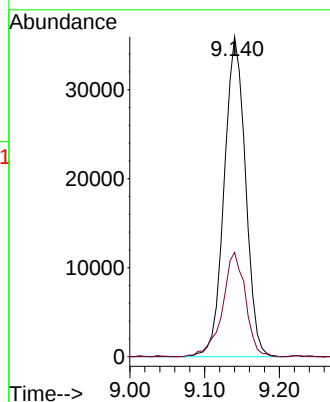
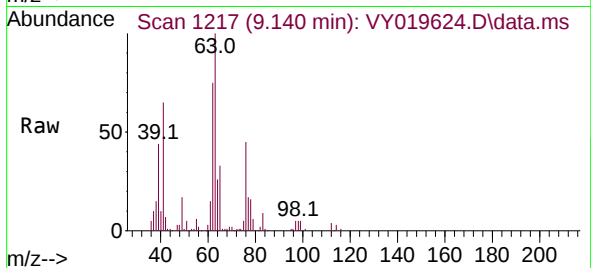
ClientSampleId :

Tgt Ion: 63 Resp: 71192

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 18.917 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

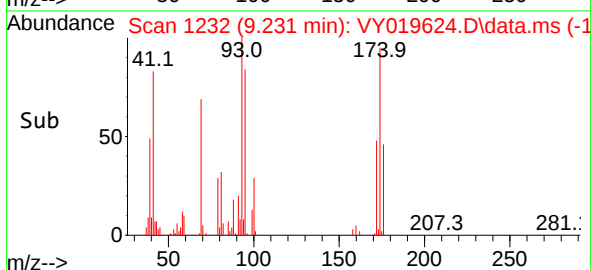
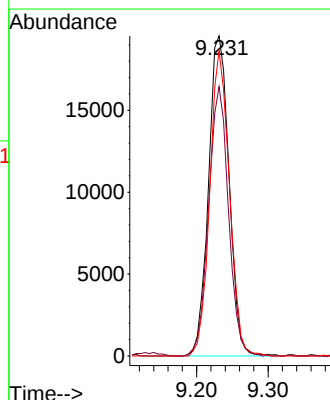
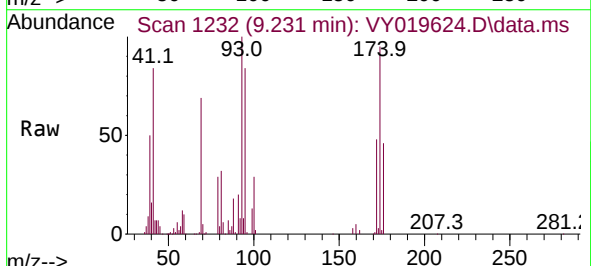
Tgt Ion: 93 Resp: 38990

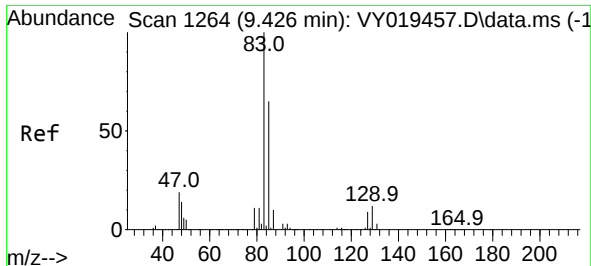
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

174 91.1 80.9 121.3

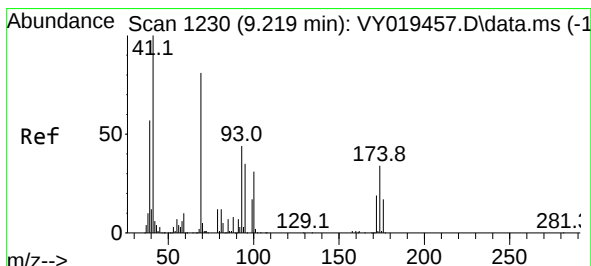
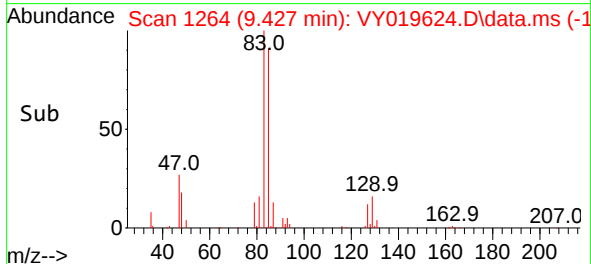
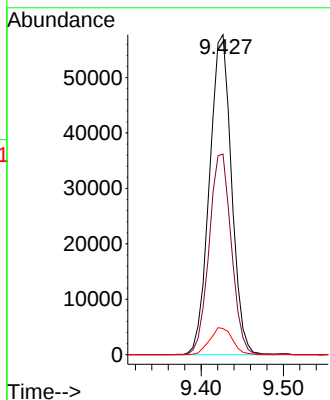
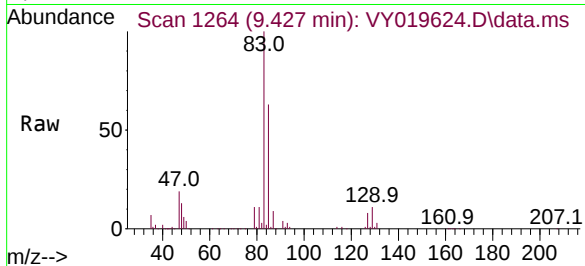




#47
Bromodichloromethane
Concen: 19.413 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

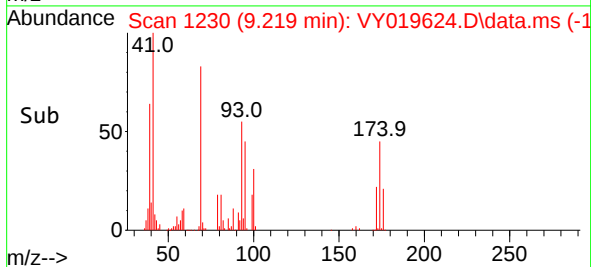
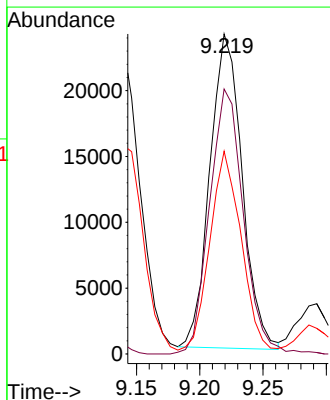
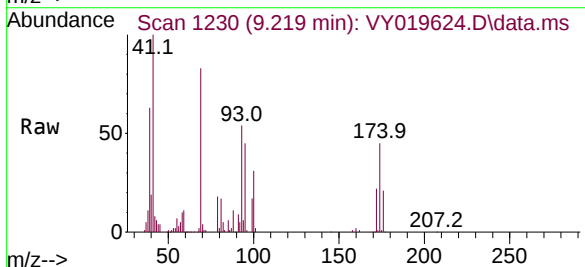
Instrument :
MSVOA_Y
ClientSampleId :

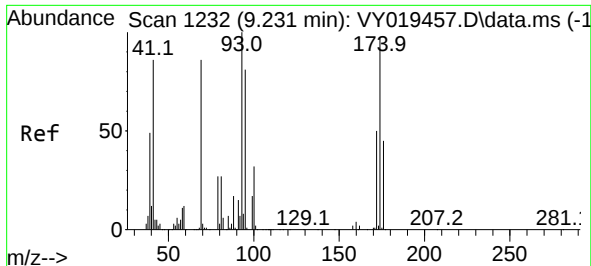
Tgt Ion: 83 Resp: 107554
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.2 7.4 11.0



#48
Methyl methacrylate
Concen: 16.649 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 41 Resp: 42363
Ion Ratio Lower Upper
41 100
69 88.5 84.1 126.1
39 60.8 43.6 65.4





#49

1,4-Dioxane

Concen: 352.008 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

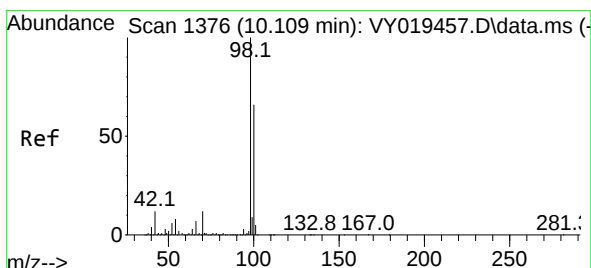
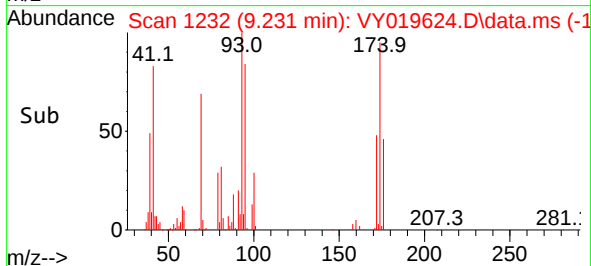
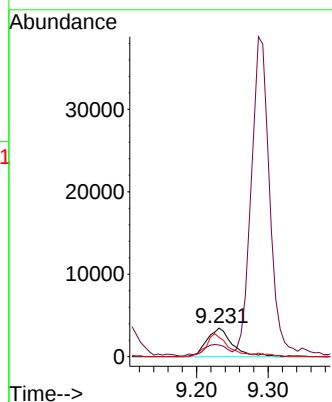
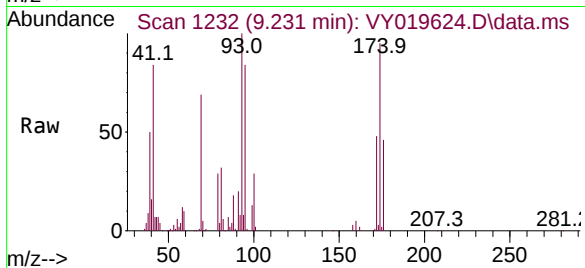
Tgt Ion: 88 Resp: 8541

Ion Ratio Lower Upper

88 100

43 37.5 0.0 0.0#

58 69.2 49.3 73.9



#50

Toluene-d8

Concen: 48.297 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019624.D

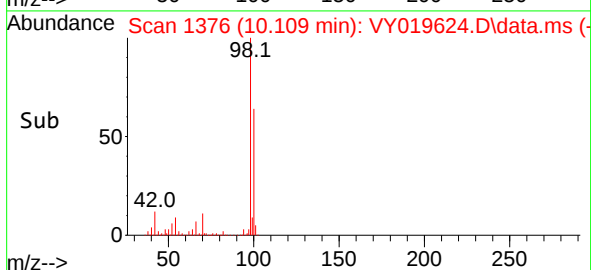
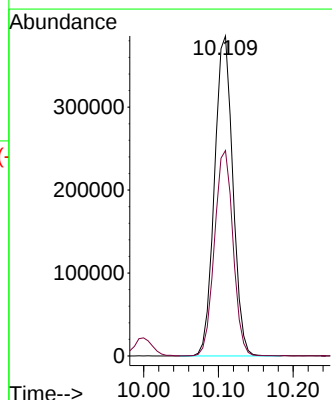
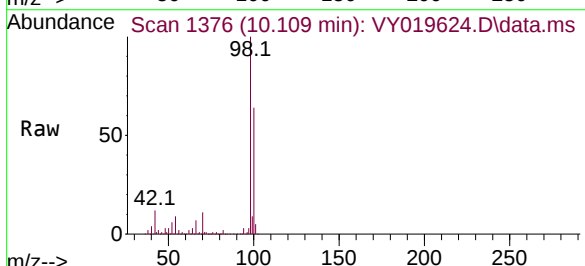
Acq: 19 Sep 2024 11:10

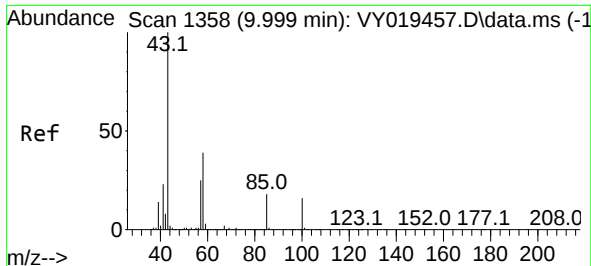
Tgt Ion: 98 Resp: 657132

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 88.879 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

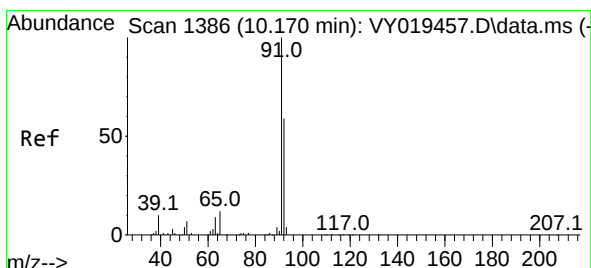
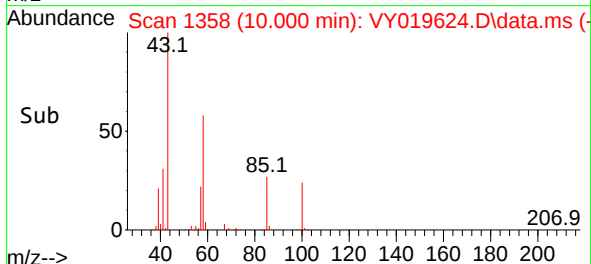
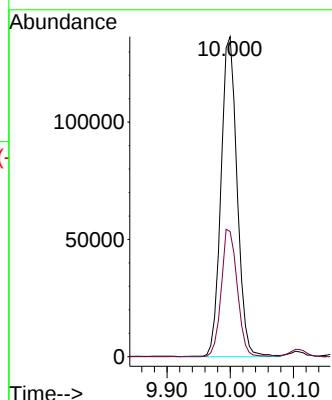
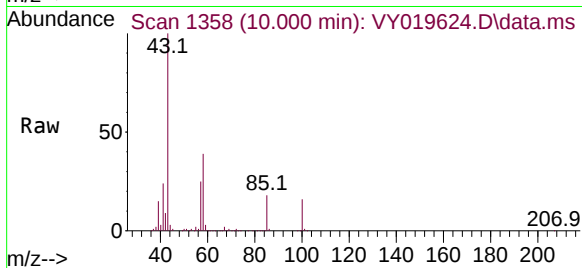
ClientSampleId :

Tgt Ion: 43 Resp: 240926

Ion Ratio Lower Upper

43 100

58 39.3 35.7 53.5



#52

Toluene

Concen: 19.198 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019624.D

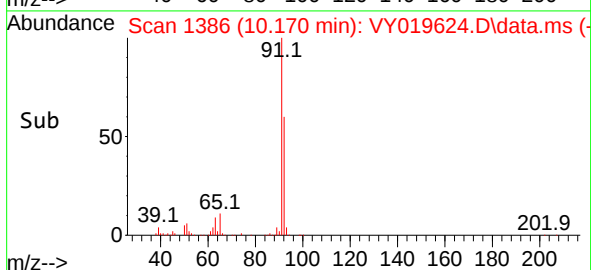
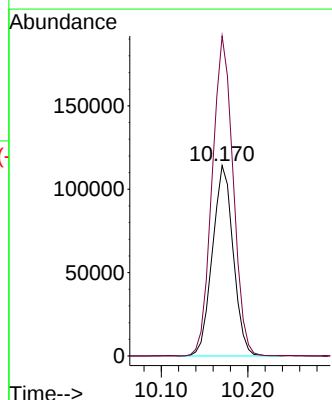
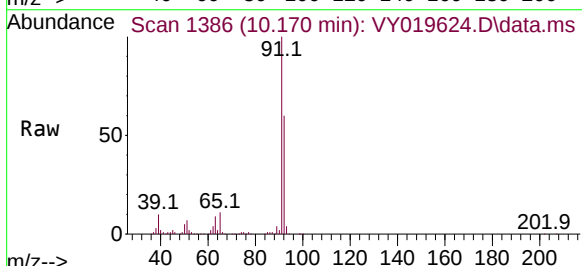
Acq: 19 Sep 2024 11:10

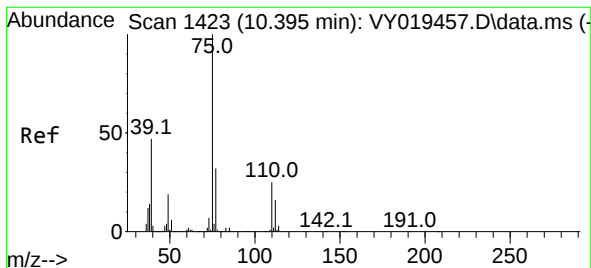
Tgt Ion: 92 Resp: 190352

Ion Ratio Lower Upper

92 100

91 169.7 139.0 208.6

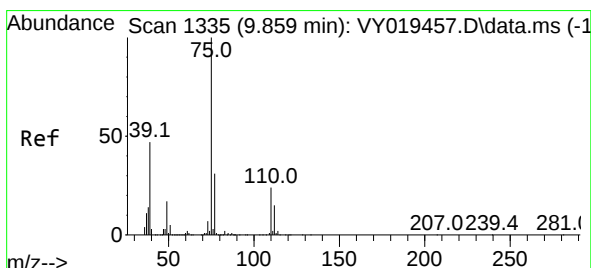
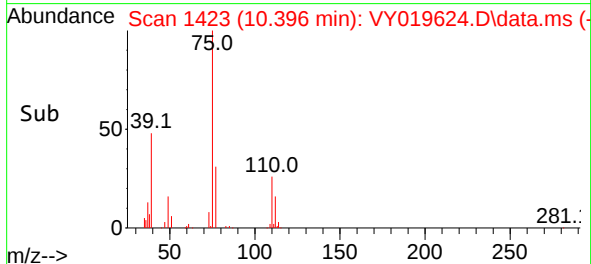
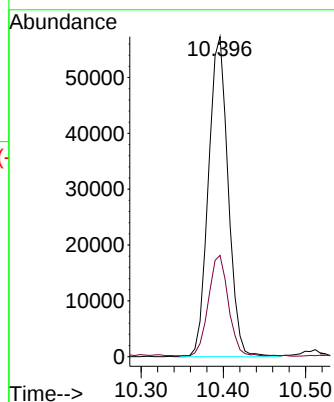
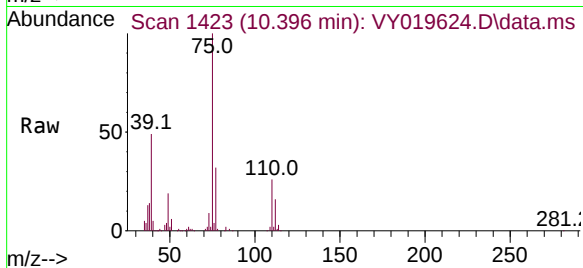




#53
 t-1,3-Dichloropropene
 Concen: 18.065 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY019624.D
 Acq: 19 Sep 2024 11:10

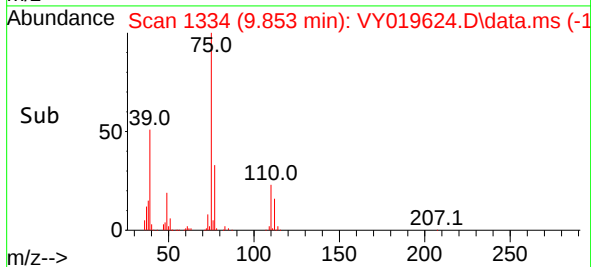
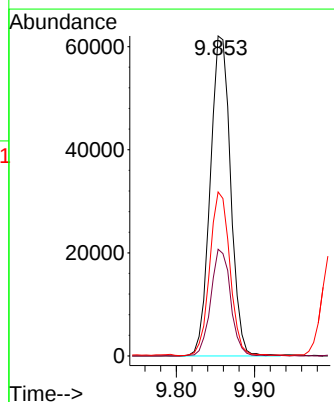
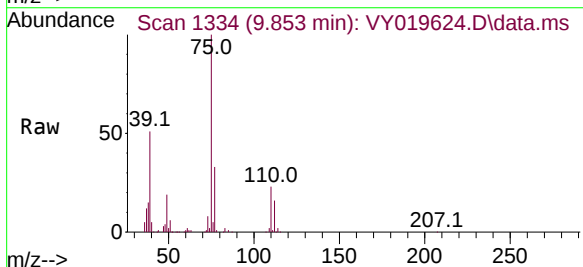
Instrument :
 MSVOA_Y
 ClientSampleId :

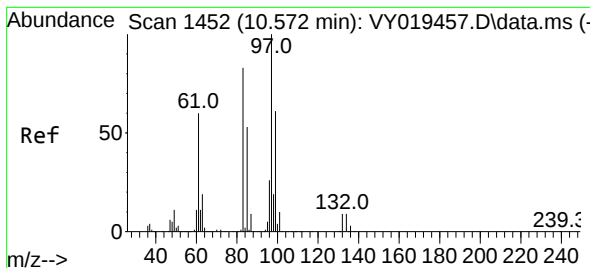
Tgt Ion: 75 Resp: 95408
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.176 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019624.D
 Acq: 19 Sep 2024 11:10

Tgt Ion: 75 Resp: 111781
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0
 39 51.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 18.846 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

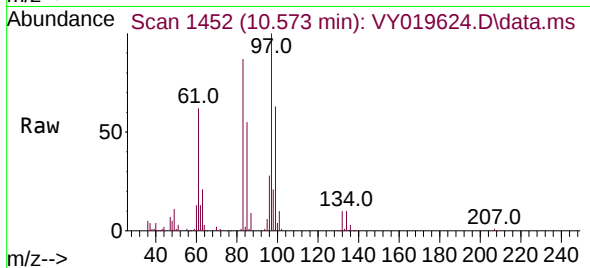
Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 53641

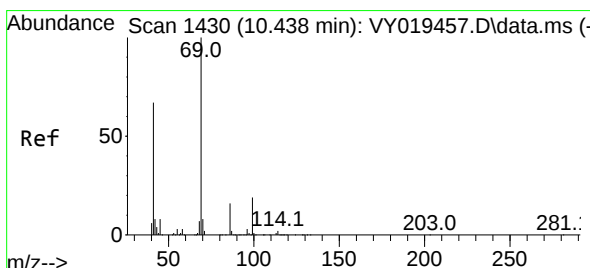
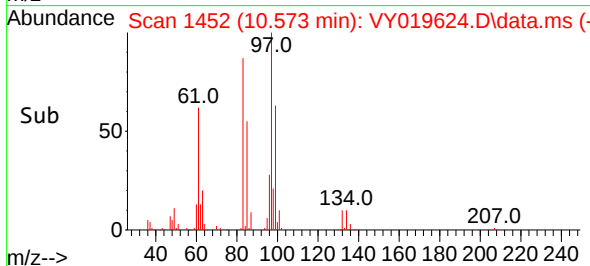
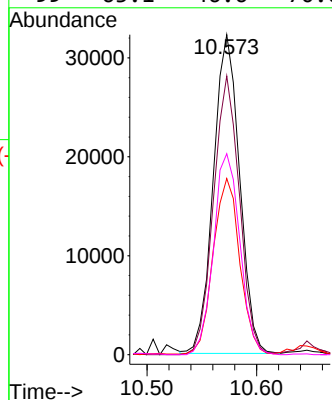
Ion Ratio Lower Upper

97 100

83 87.4 67.5 101.3

85 55.1 42.9 64.3

99 63.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 17.155 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

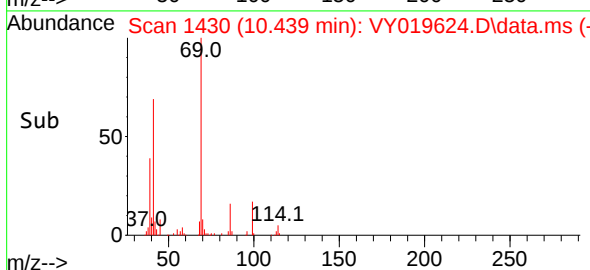
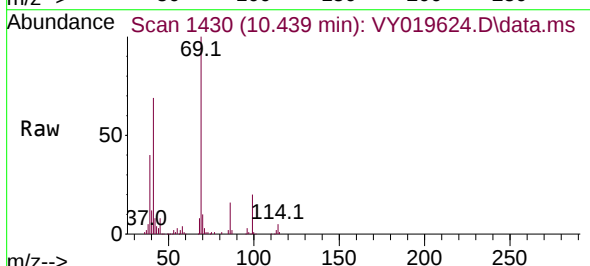
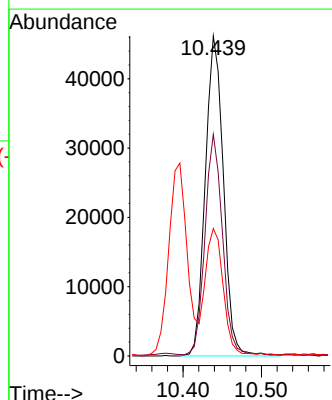
Tgt Ion: 69 Resp: 74172

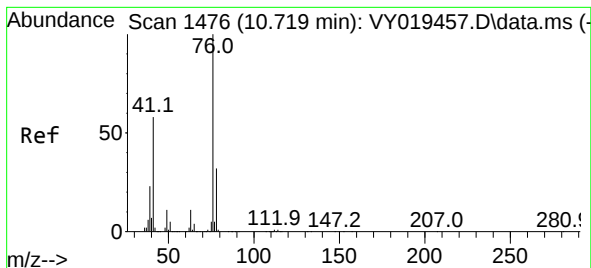
Ion Ratio Lower Upper

69 100

41 66.7 42.3 63.5#

39 37.8 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 18.818 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

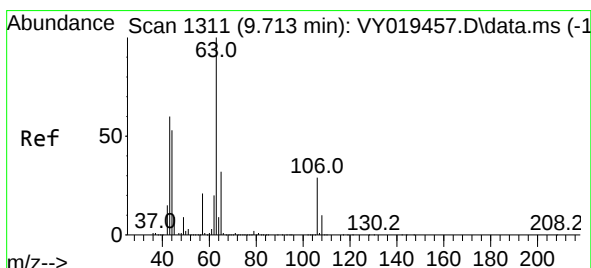
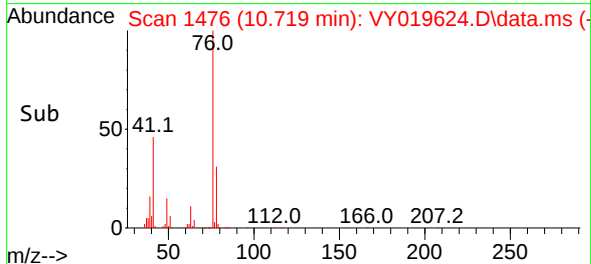
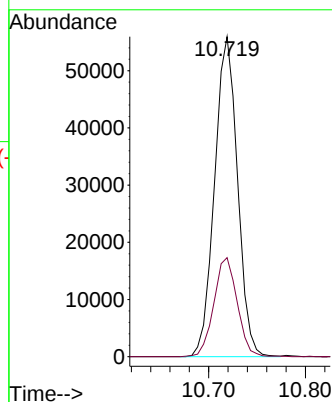
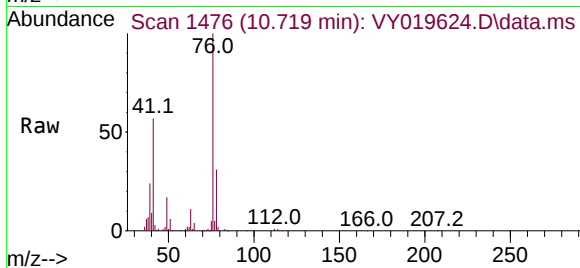
ClientSampleId :

Tgt Ion: 76 Resp: 92068

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 88.977 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019624.D

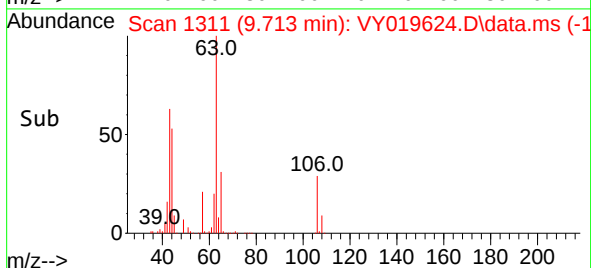
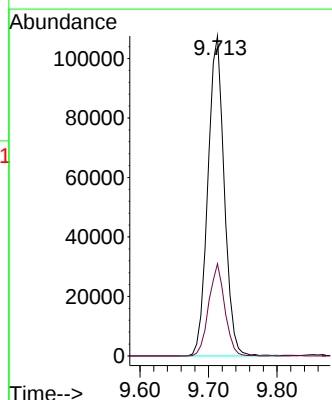
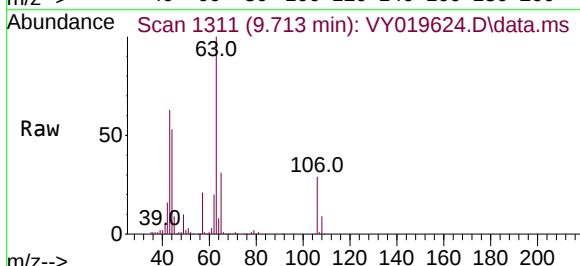
Acq: 19 Sep 2024 11:10

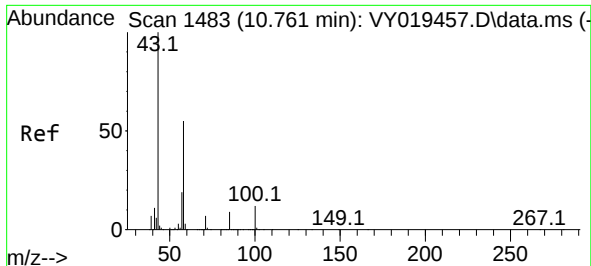
Tgt Ion: 63 Resp: 178556

Ion Ratio Lower Upper

63 100

106 28.2 23.7 35.5

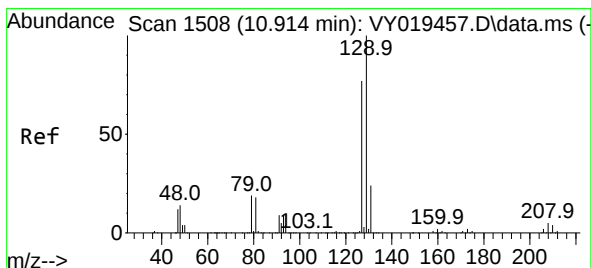
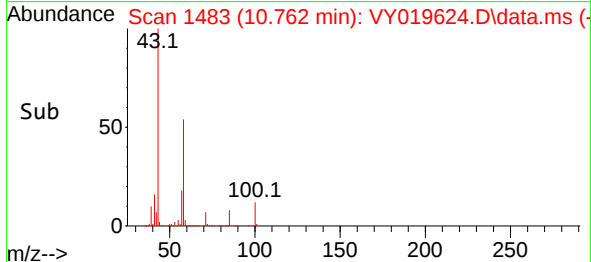
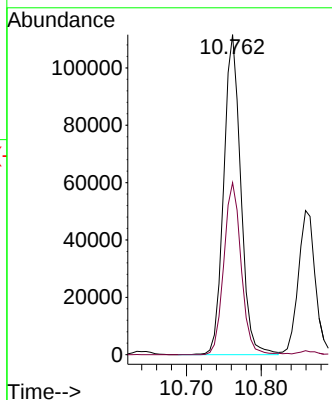
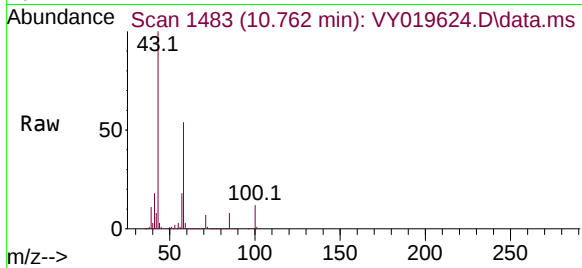




#59
2-Hexanone
Concen: 89.257 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

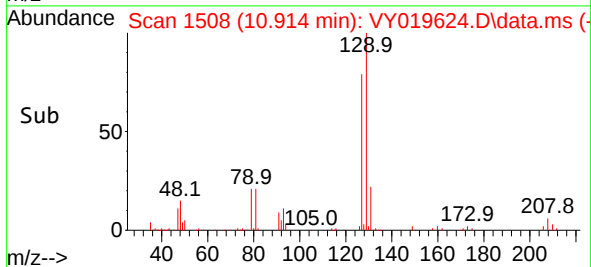
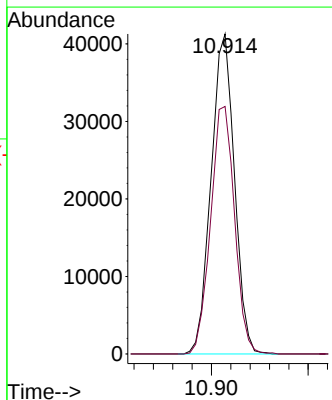
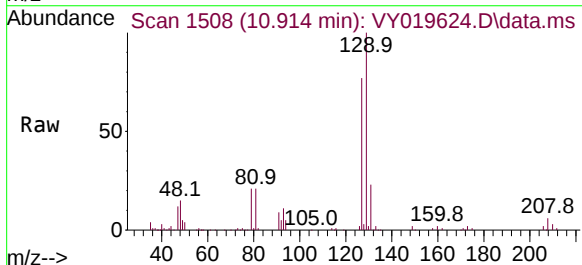
Instrument :
MSVOA_Y
ClientSampleId :

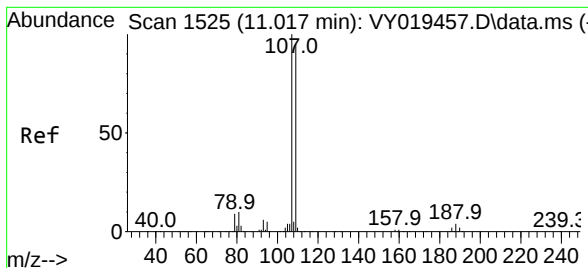
Tgt Ion: 43 Resp: 177381
Ion Ratio Lower Upper
43 100
58 54.6 31.4 94.0



#60
Dibromochloromethane
Concen: 18.396 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion:129 Resp: 69264
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0

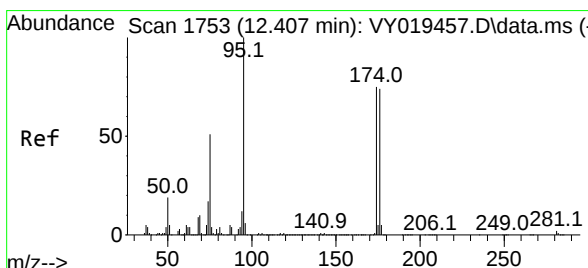
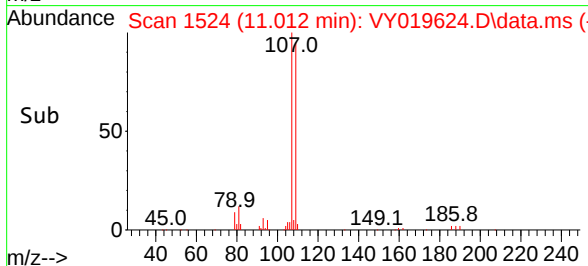
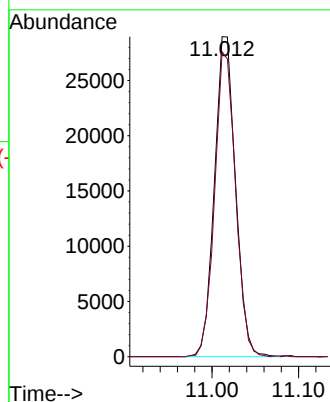
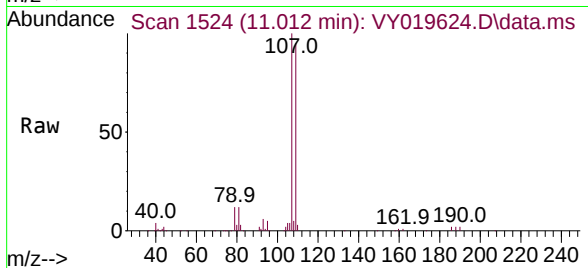




#61
1,2-Dibromoethane
Concen: 18.462 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

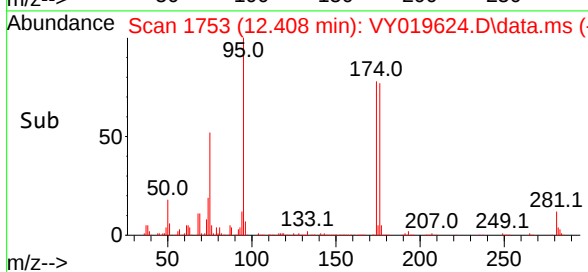
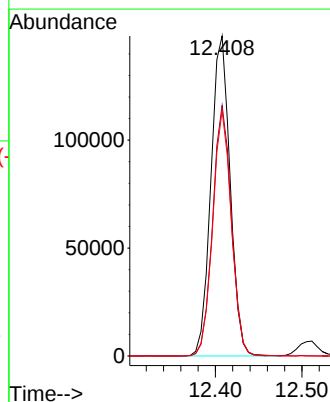
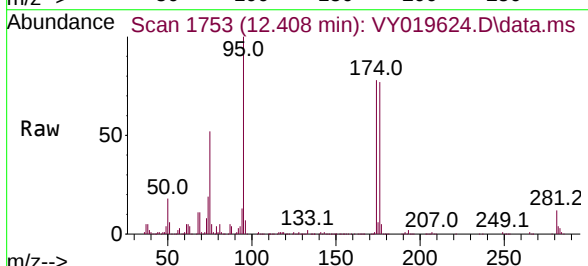
Instrument :
MSVOA_Y
ClientSampleId :

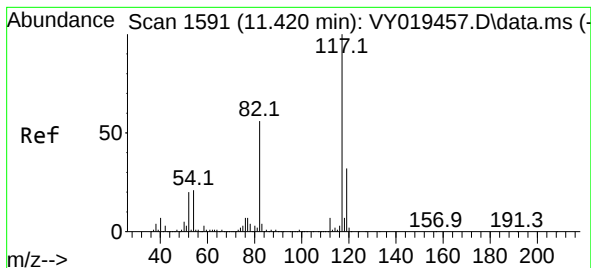
Tgt Ion:107 Resp: 48962
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 43.543 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 95 Resp: 227799
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 74.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

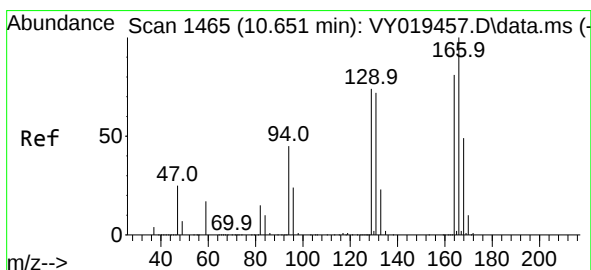
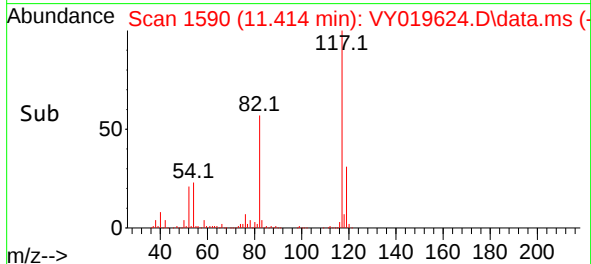
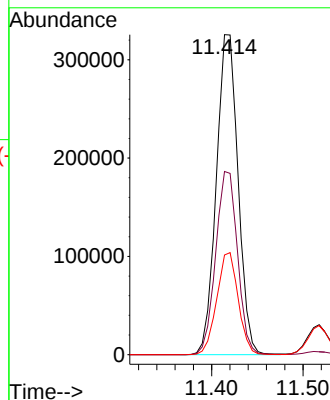
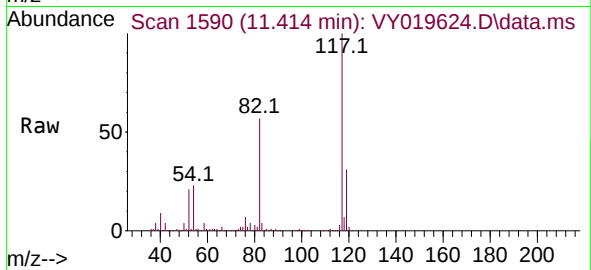
Tgt Ion:117 Resp: 539402

Ion Ratio Lower Upper

117 100

82 57.2 42.4 63.6

119 31.1 25.9 38.9



#64

Tetrachloroethene

Concen: 18.757 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Tgt Ion:164 Resp: 62653

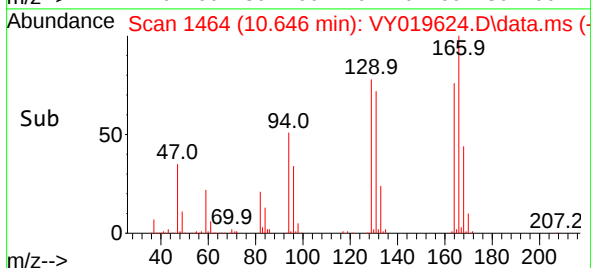
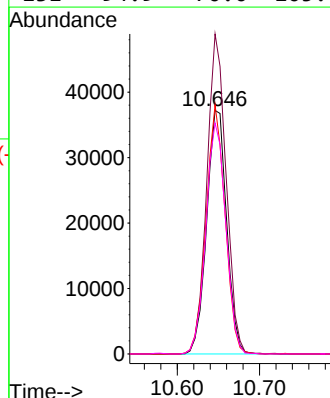
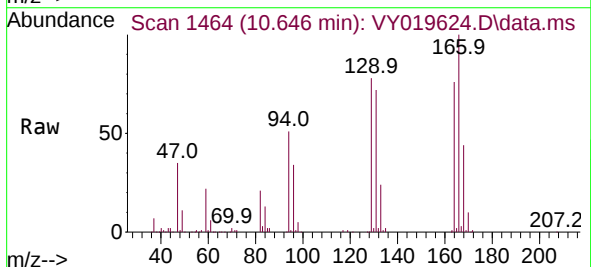
Ion Ratio Lower Upper

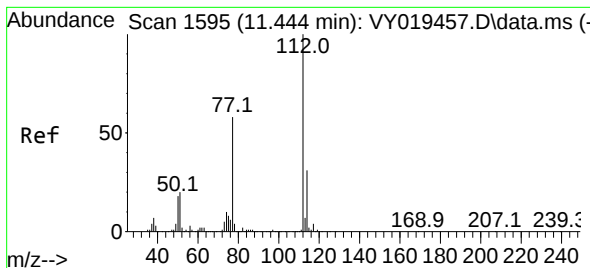
164 100

166 131.4 102.6 154.0

129 102.3 72.0 108.0

131 94.9 70.0 105.0





#65

Chlorobenzene

Concen: 19.524 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

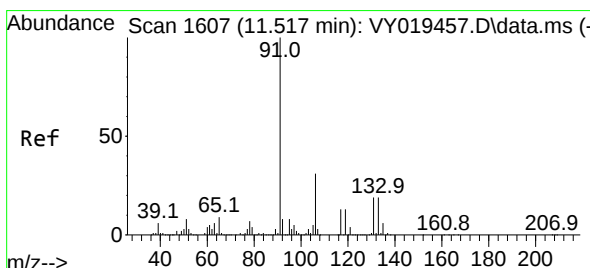
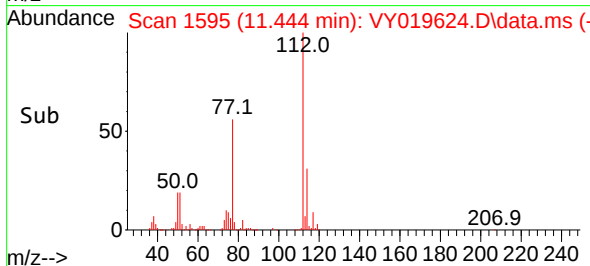
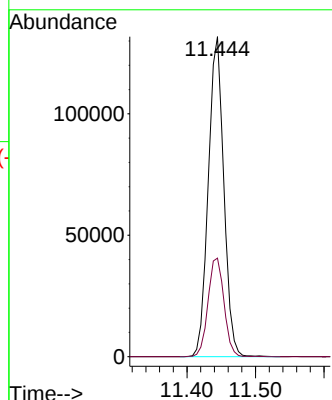
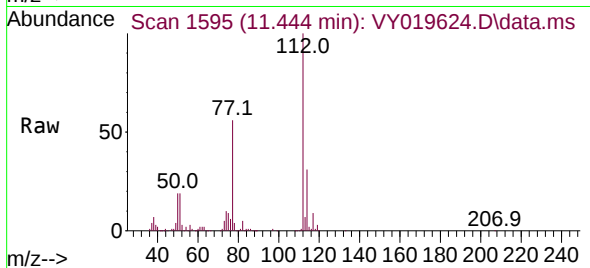
ClientSampleId :

Tgt Ion:112 Resp: 207154

Ion Ratio Lower Upper

112 100

114 30.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.339 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

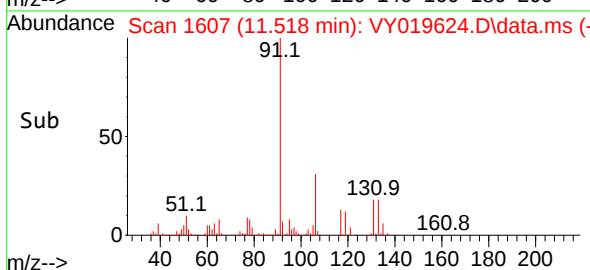
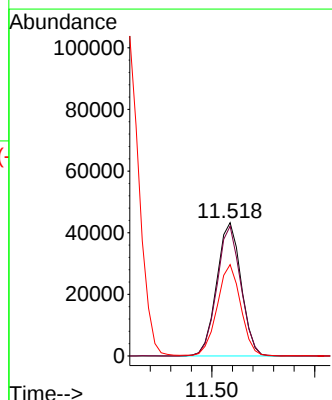
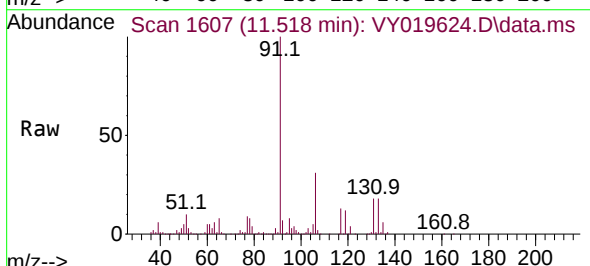
Tgt Ion:131 Resp: 71046

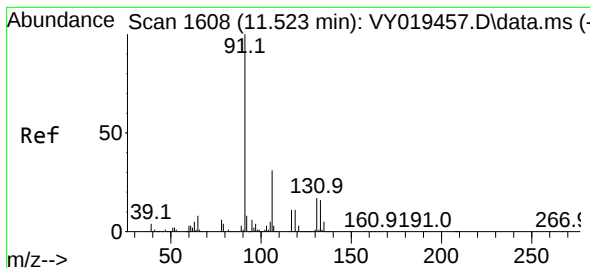
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 66.7 34.1 102.2





#67

Ethyl Benzene

Concen: 19.685 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

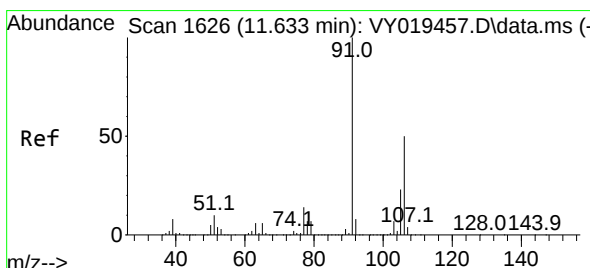
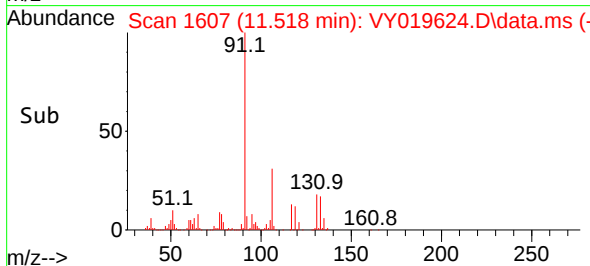
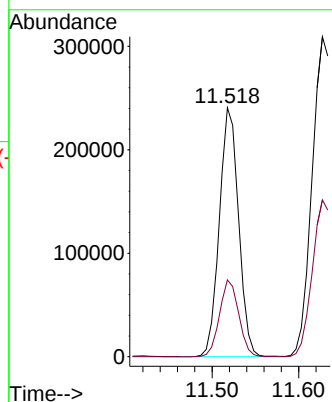
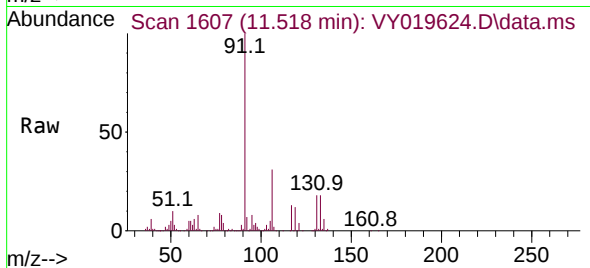
ClientSampleId :

Tgt Ion: 91 Resp: 371115

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 38.580 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019624.D

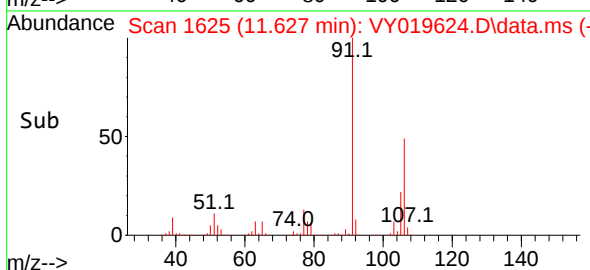
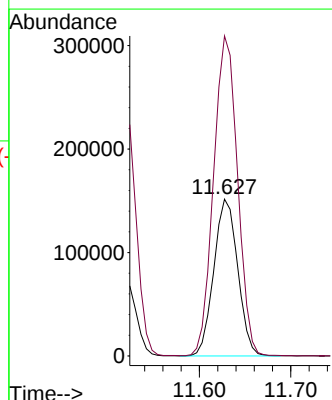
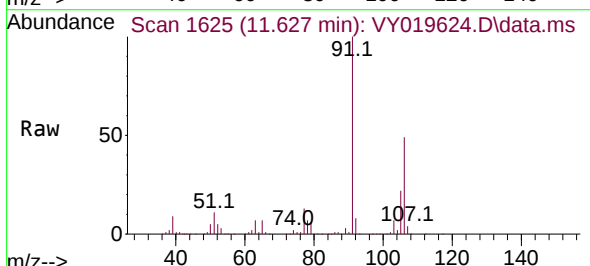
Acq: 19 Sep 2024 11:10

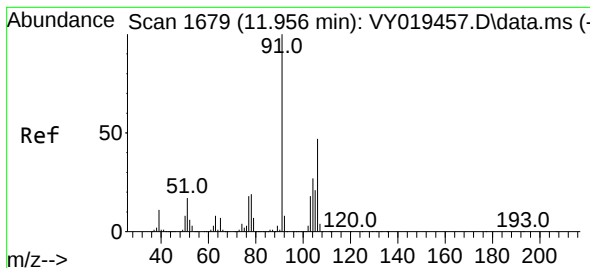
Tgt Ion:106 Resp: 275022

Ion Ratio Lower Upper

106 100

91 205.1 156.0 234.0





#69

o-Xylene

Concen: 18.863 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

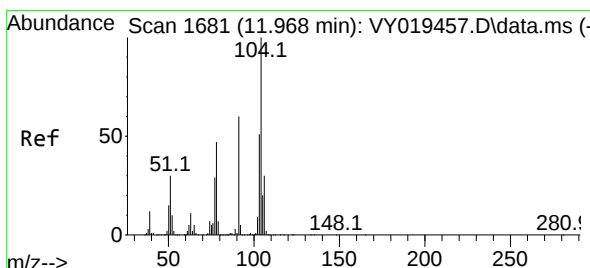
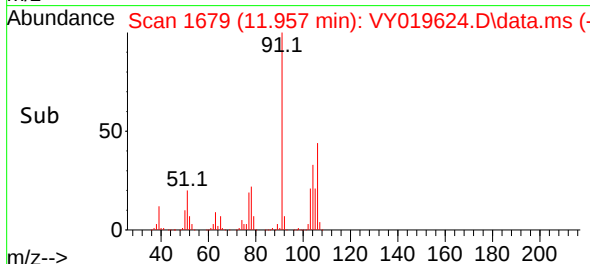
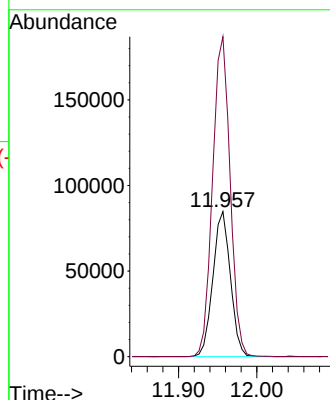
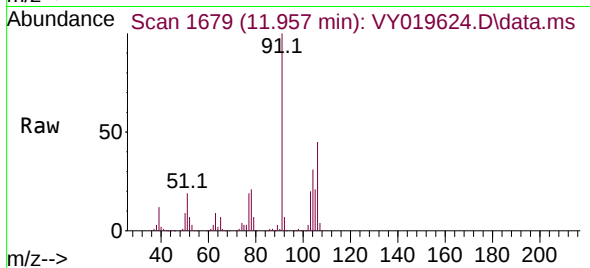
ClientSampleId :

Tgt Ion:106 Resp: 131507

Ion Ratio Lower Upper

106 100

91 220.9 103.6 310.8



#70

Styrene

Concen: 18.929 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

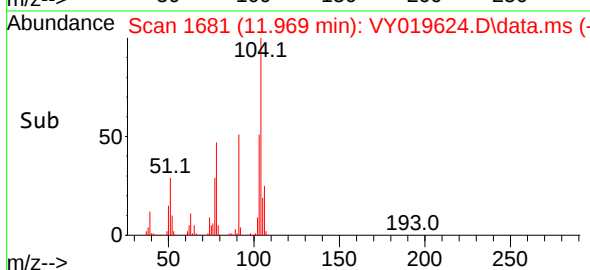
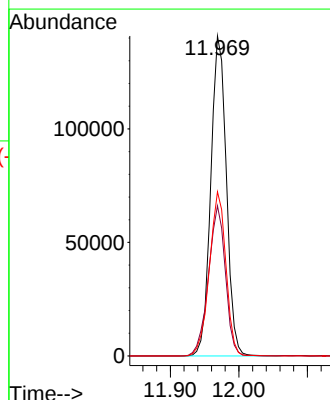
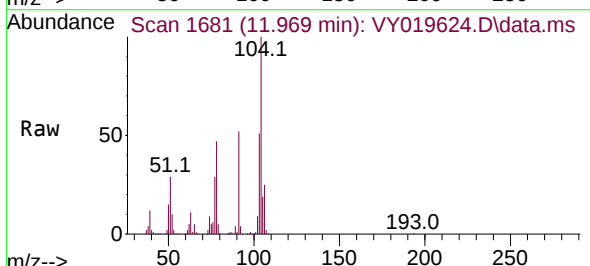
Tgt Ion:104 Resp: 222809

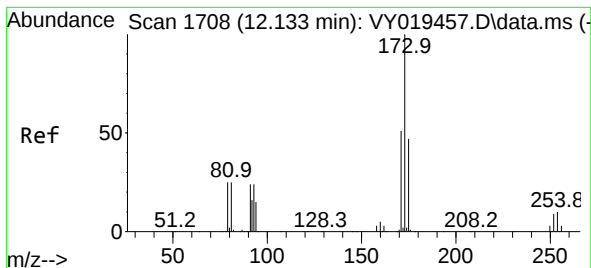
Ion Ratio Lower Upper

104 100

78 51.0 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 17.301 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019624.D

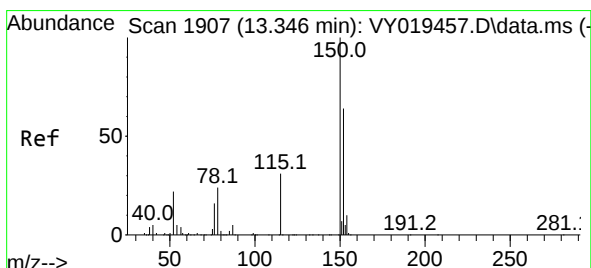
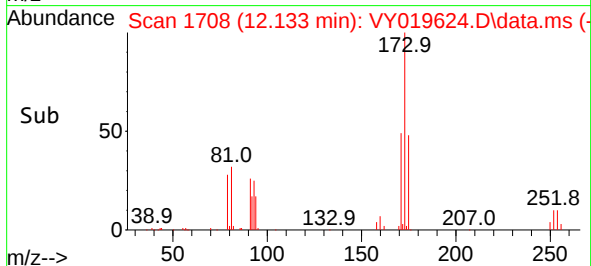
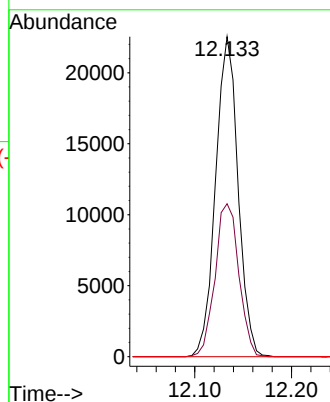
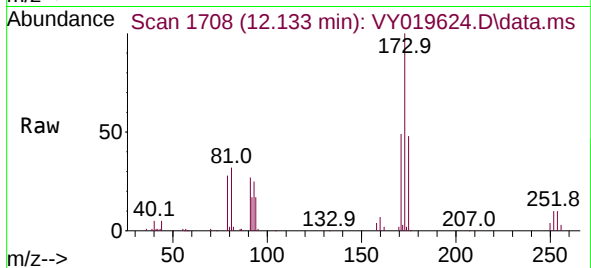
Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	36303
Ion Ratio	Lower	Upper
173	100	
175	50.7	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

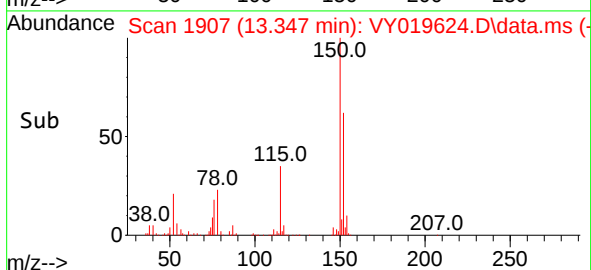
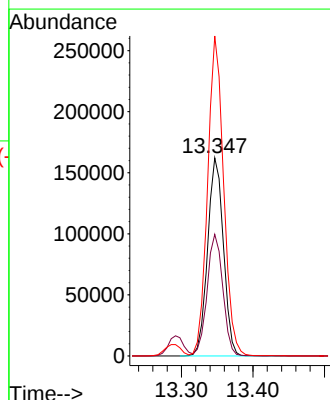
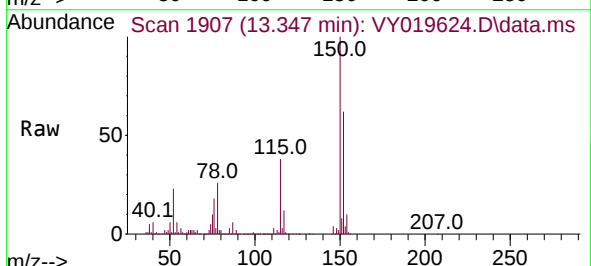
RT: 13.347 min Scan# 1907

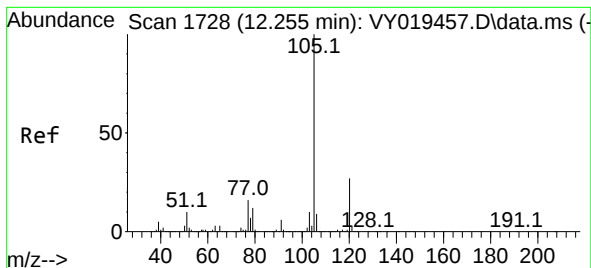
Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Tgt Ion:152	Resp:	249281
Ion Ratio	Lower	Upper
152	100	
115	60.9	28.2 84.7
150	163.3	0.0 345.6





#73

Isopropylbenzene

Concen: 20.025 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

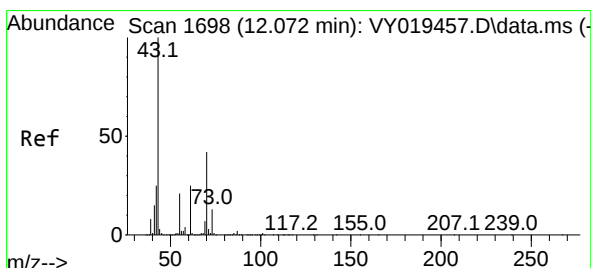
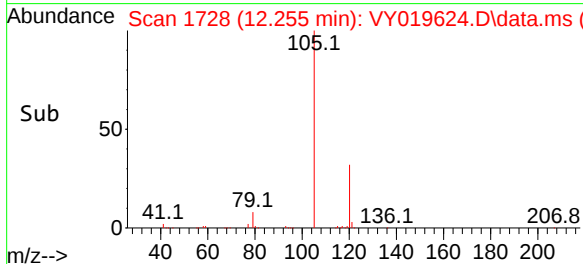
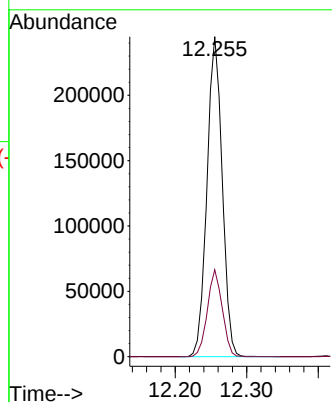
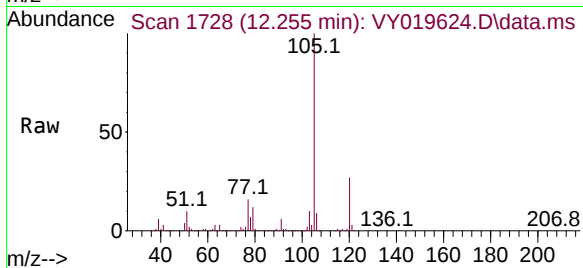
ClientSampleId :

Tgt Ion:105 Resp: 362143

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 17.279 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Tgt Ion: 43 Resp: 84984

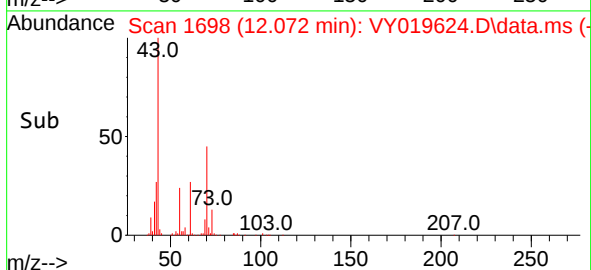
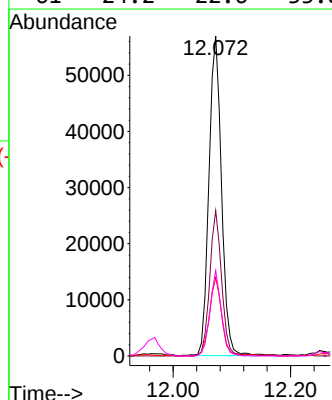
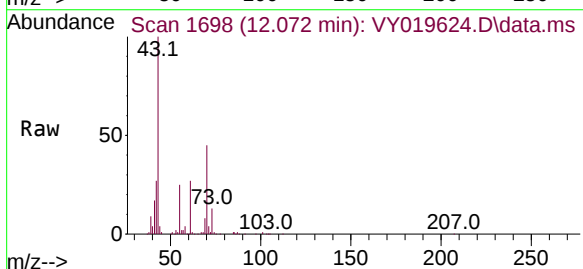
Ion Ratio Lower Upper

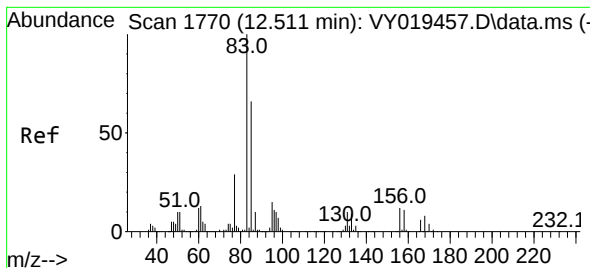
43 100

70 43.1 41.4 62.2

55 23.6 23.3 34.9

61 24.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.385 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

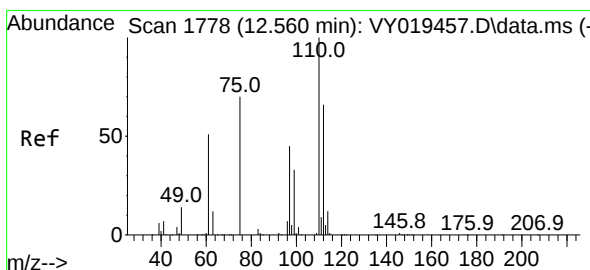
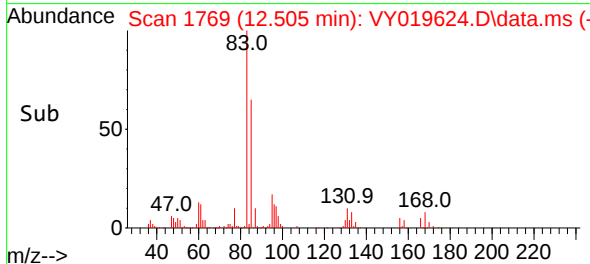
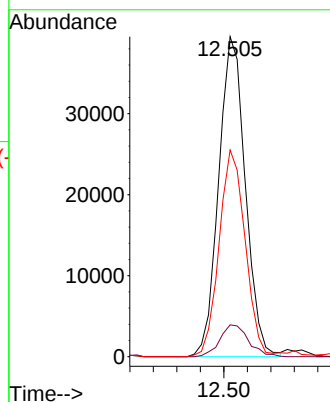
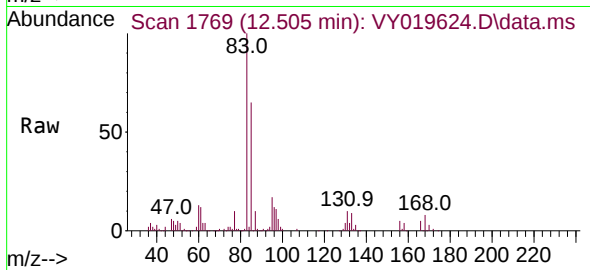
Tgt Ion: 83 Resp: 62225

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 63.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.242 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019624.D

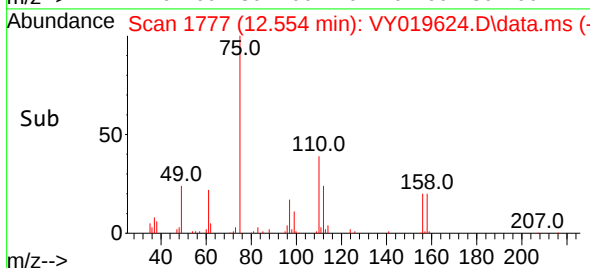
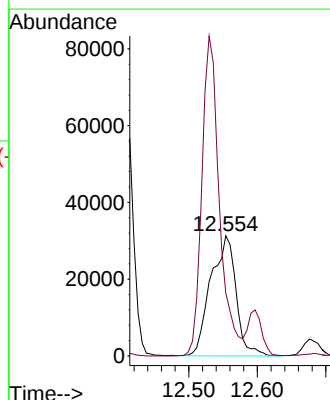
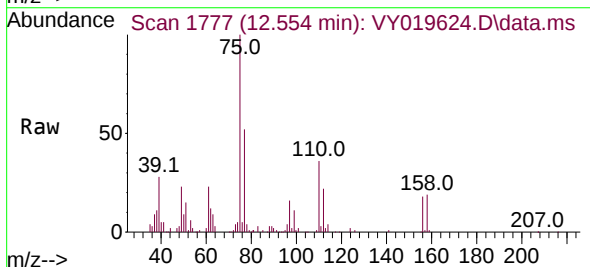
Acq: 19 Sep 2024 11:10

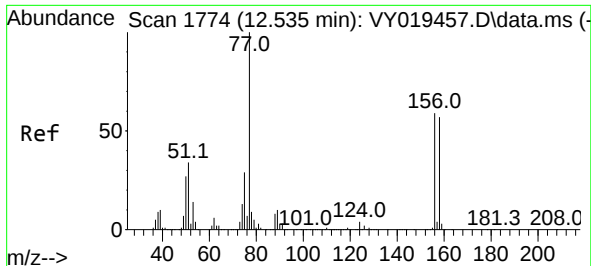
Tgt Ion: 75 Resp: 80006

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

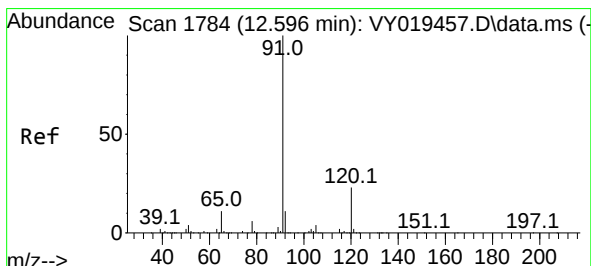
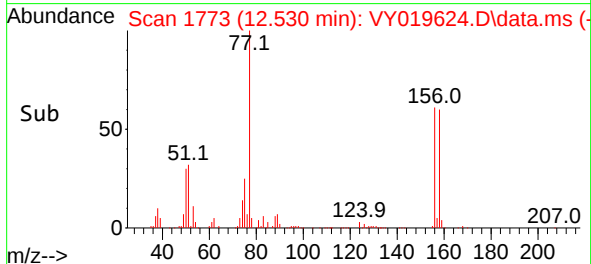
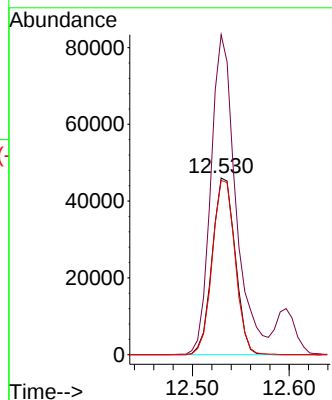
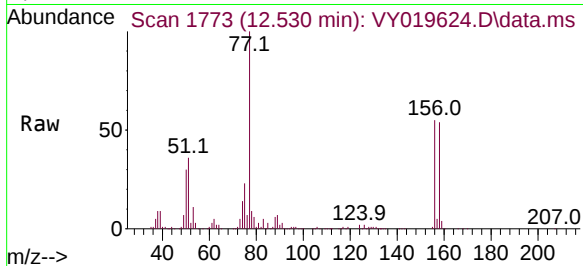




#77
Bromobenzene
Concen: 18.937 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

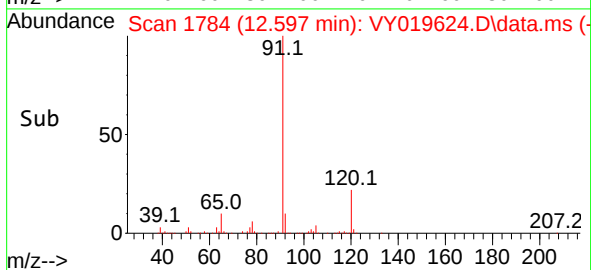
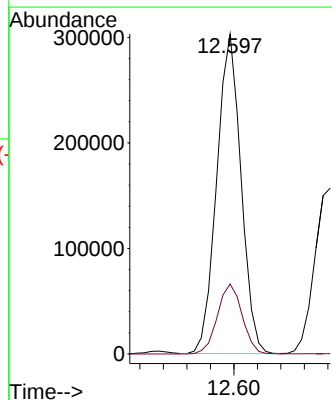
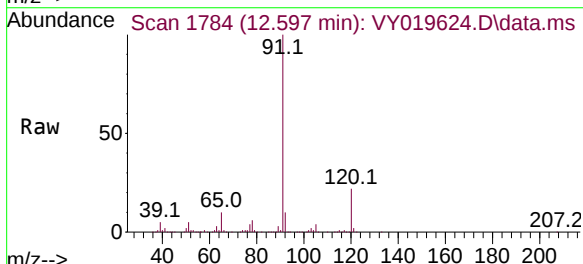
Instrument :
MSVOA_Y
ClientSampleId :

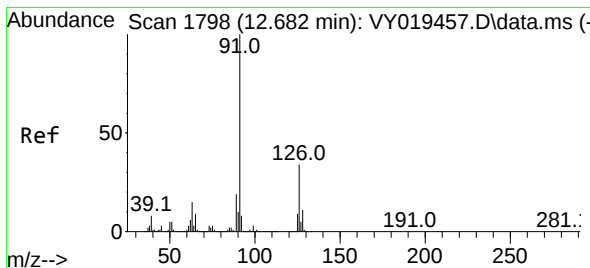
Tgt Ion:156 Resp: 75954
Ion Ratio Lower Upper
156 100
77 196.9 87.1 261.3
158 97.8 48.6 145.9



#78
n-propylbenzene
Concen: 20.250 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 91 Resp: 434072
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4

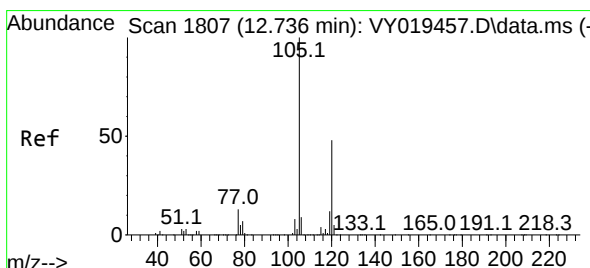
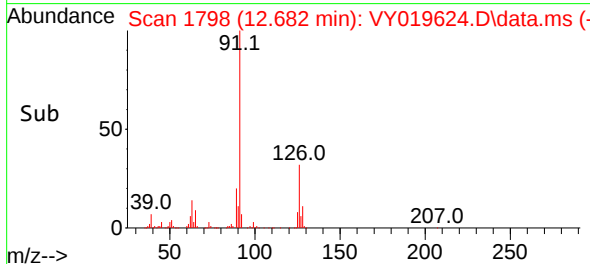
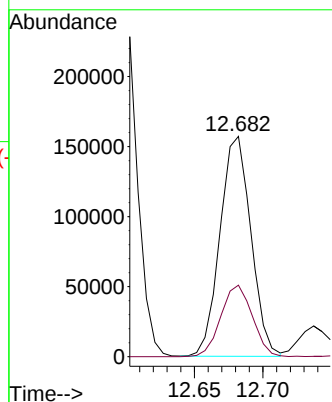
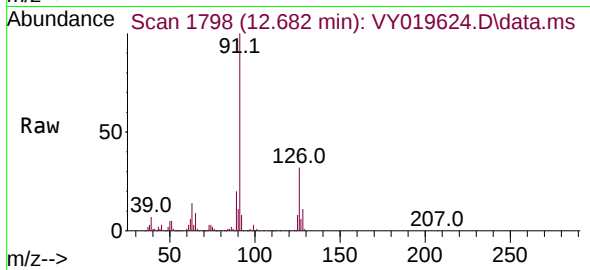




#79
2-Chlorotoluene
Concen: 19.768 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

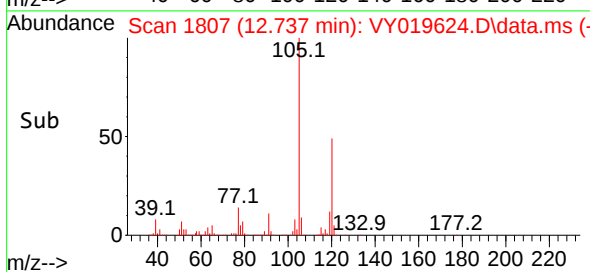
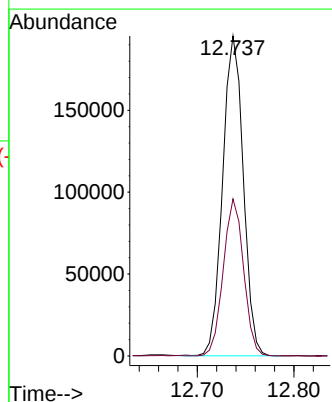
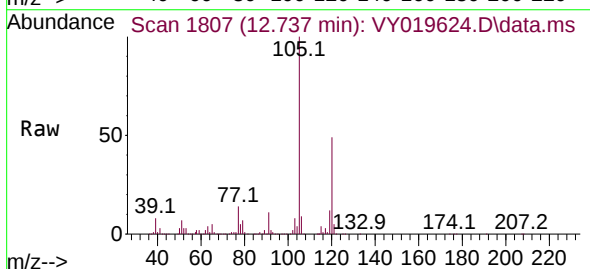
Instrument :
MSVOA_Y
ClientSampleId :

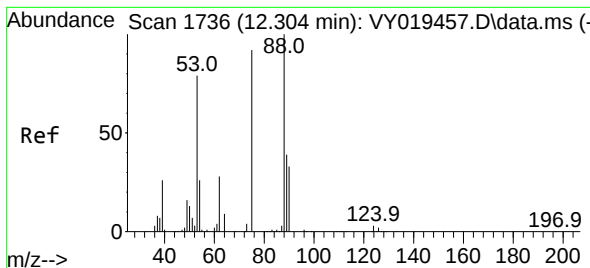
Tgt Ion: 91 Resp: 246940
Ion Ratio Lower Upper
91 100
126 33.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.685 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 105 Resp: 289411
Ion Ratio Lower Upper
105 100
120 48.4 25.1 75.2

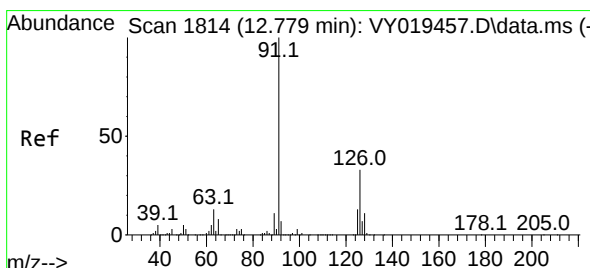
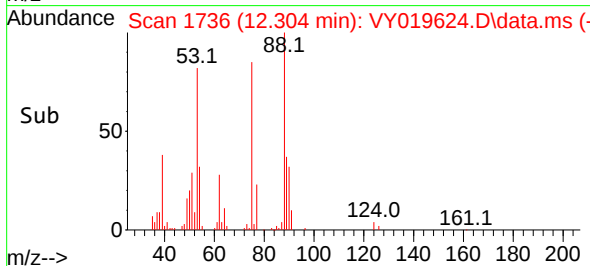
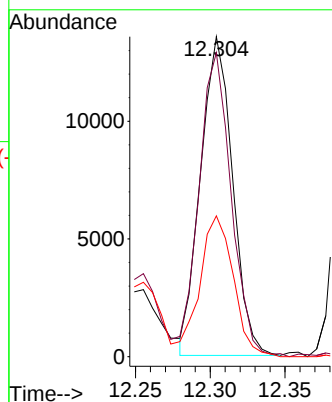
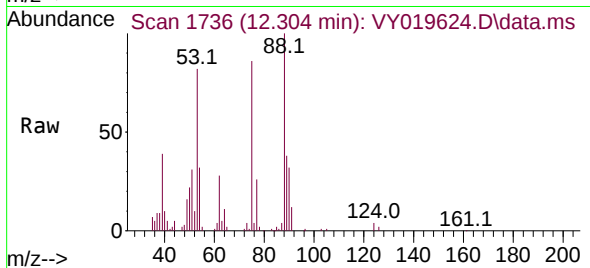




#81
trans-1,4-Dichloro-2-butene
Concen: 16.568 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

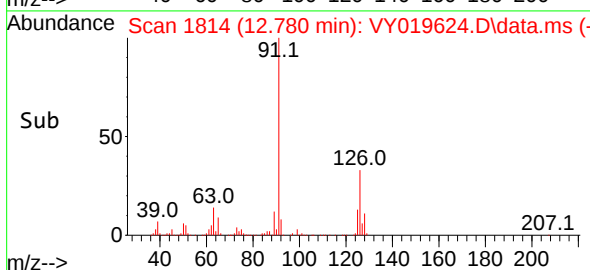
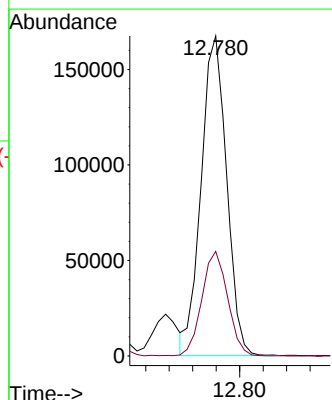
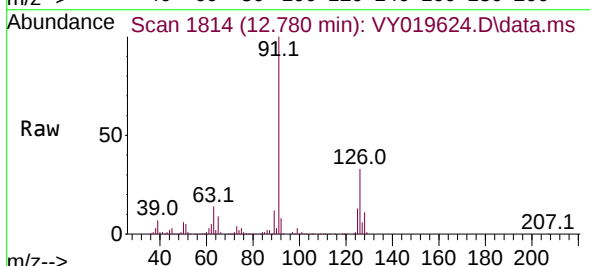
Instrument :
MSVOA_Y
ClientSampleId :

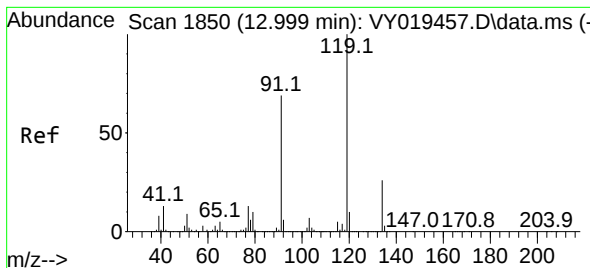
Tgt Ion: 75 Resp: 20165
Ion Ratio Lower Upper
75 100
53 96.6 66.8 100.2
89 46.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.634 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion: 91 Resp: 252147
Ion Ratio Lower Upper
91 100
126 33.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.374 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

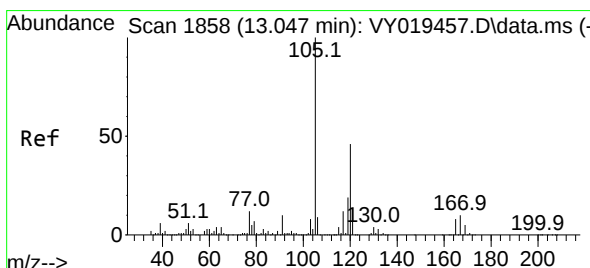
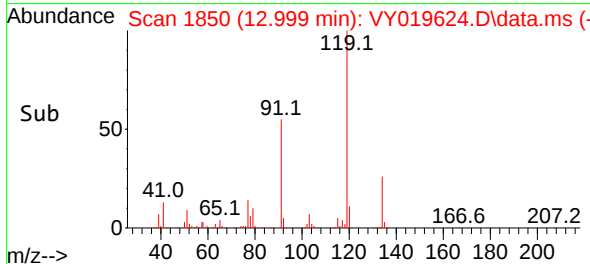
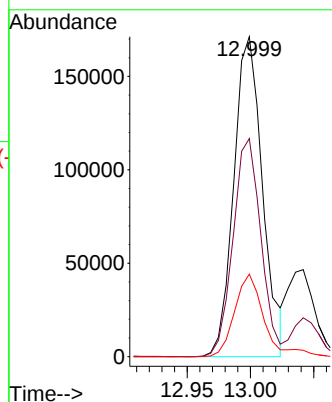
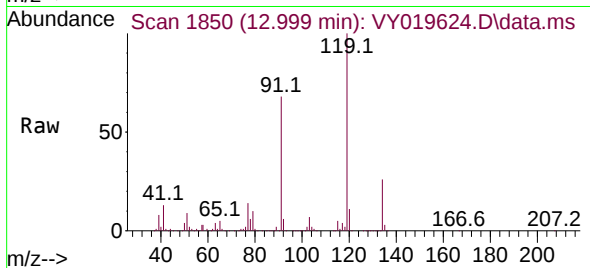
Tgt Ion:119 Resp: 271169

Ion Ratio Lower Upper

119 100

91 66.0 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.660 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019624.D

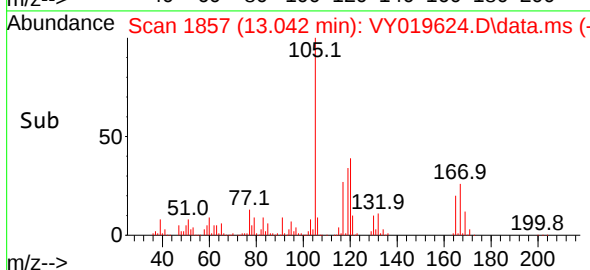
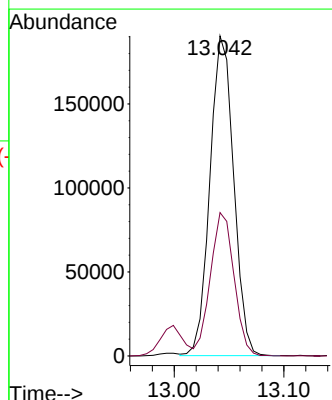
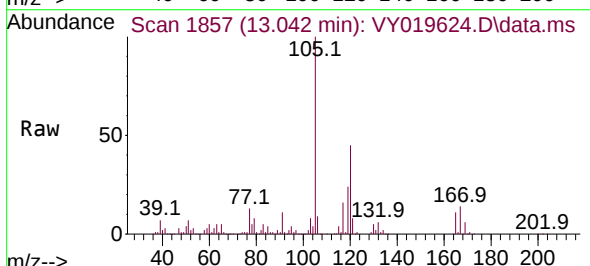
Acq: 19 Sep 2024 11:10

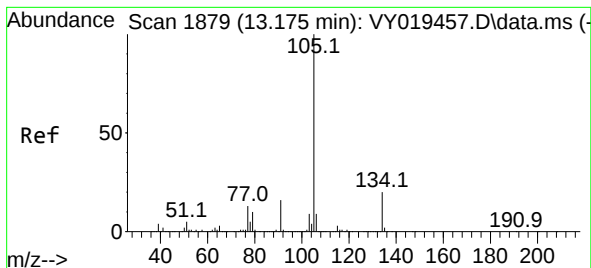
Tgt Ion:105 Resp: 286107

Ion Ratio Lower Upper

105 100

120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.556 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

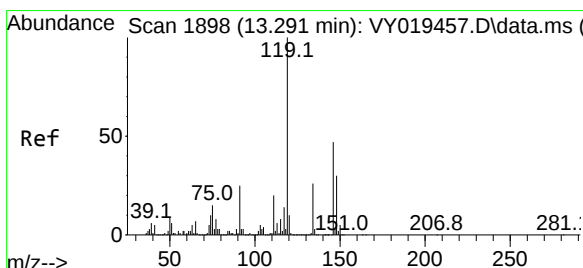
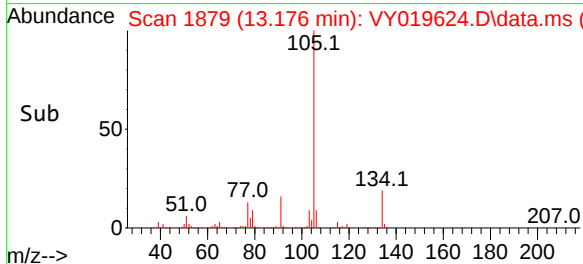
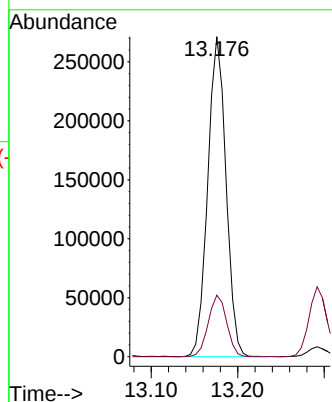
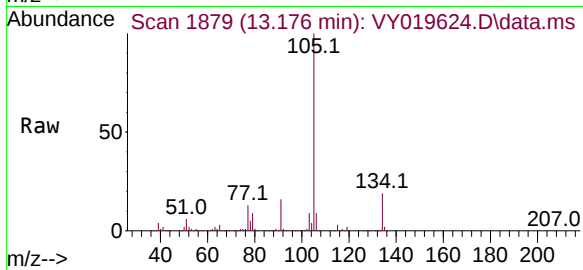
ClientSampleId :

Tgt Ion:105 Resp: 397454

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.168 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

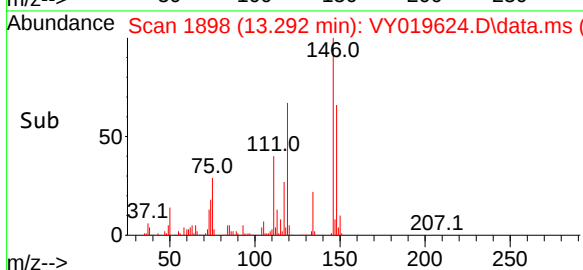
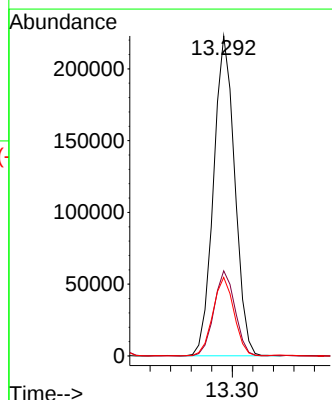
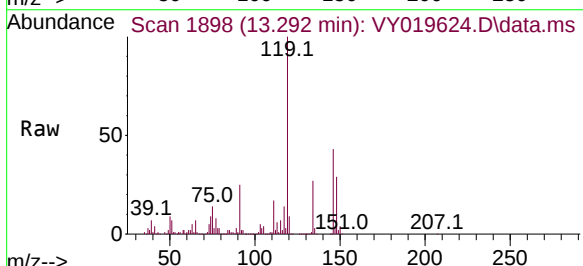
Tgt Ion:119 Resp: 319053

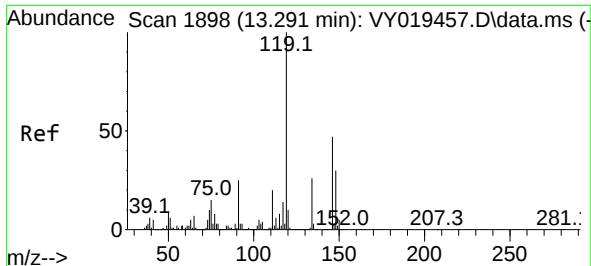
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.819 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

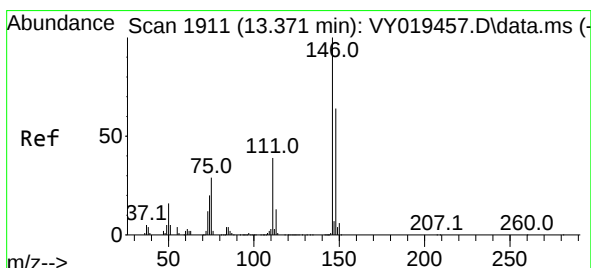
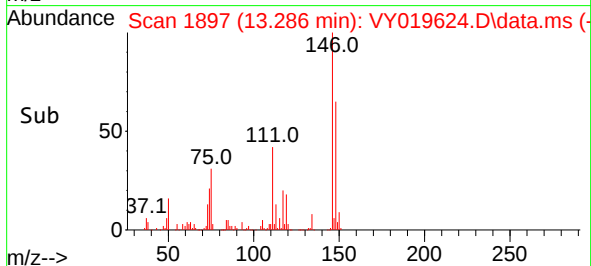
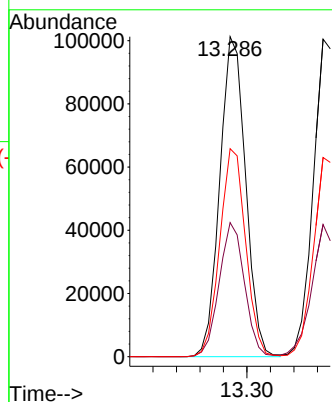
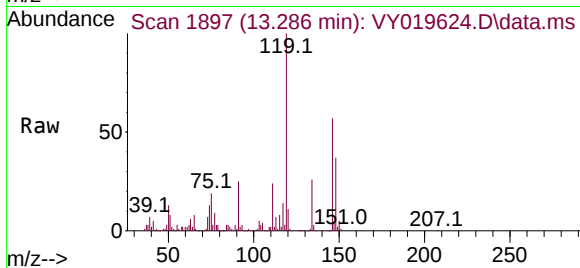
Tgt Ion:146 Resp: 154465

Ion Ratio Lower Upper

146 100

111 41.2 19.0 57.0

148 65.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.807 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

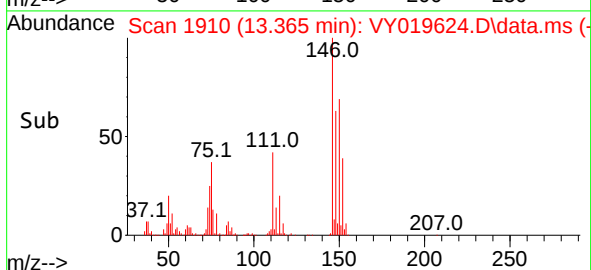
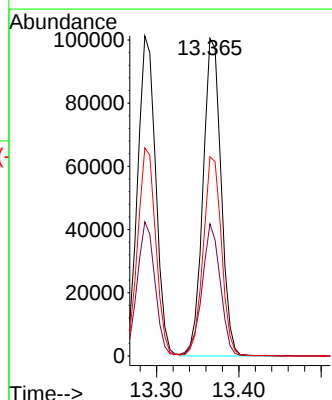
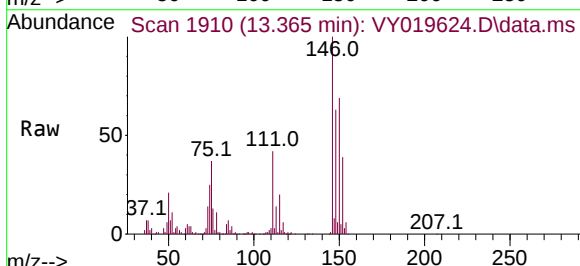
Tgt Ion:146 Resp: 153201

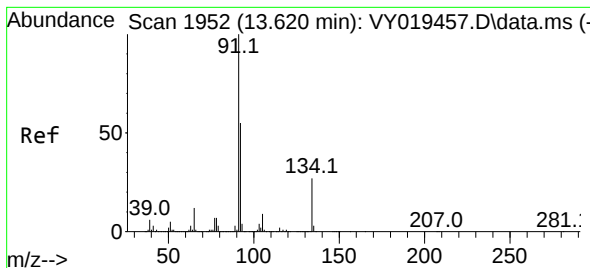
Ion Ratio Lower Upper

146 100

111 42.4 18.4 55.4

148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 19.954 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

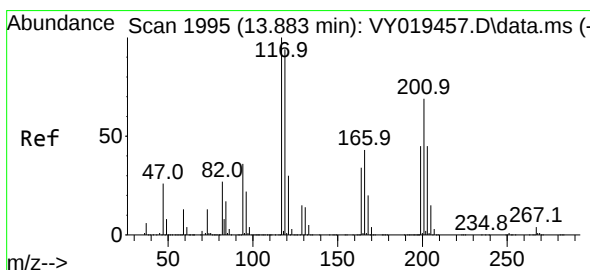
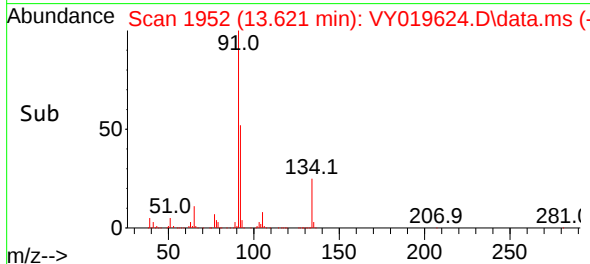
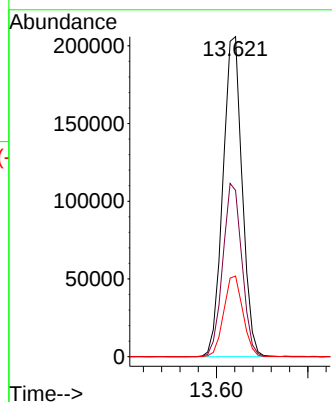
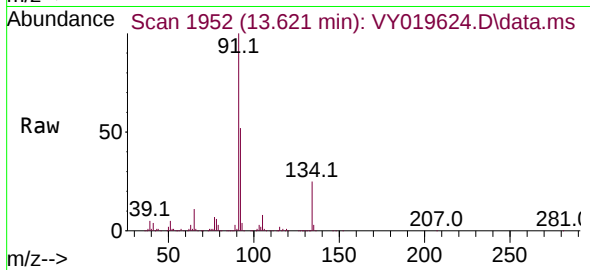
Tgt Ion: 91 Resp: 301775

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.7

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 19.483 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019624.D

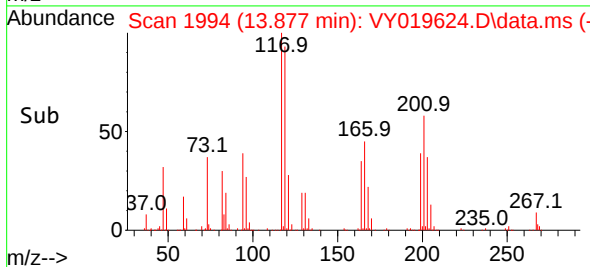
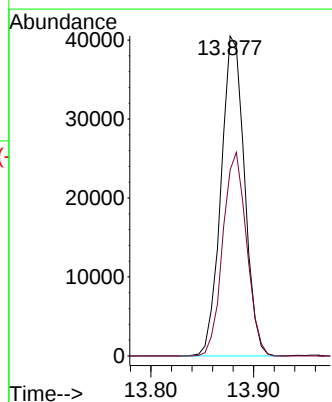
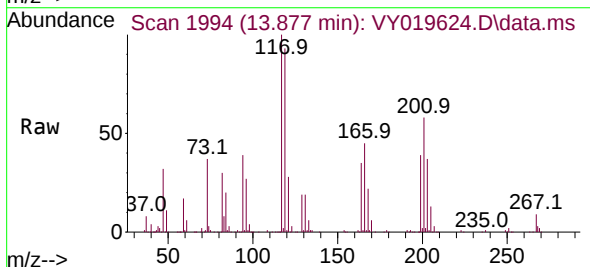
Acq: 19 Sep 2024 11:10

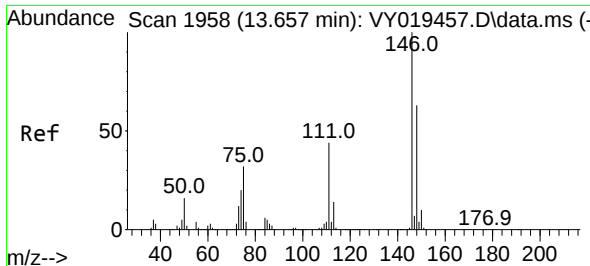
Tgt Ion: 117 Resp: 64131

Ion Ratio Lower Upper

117 100

201 64.5 37.4 112.2

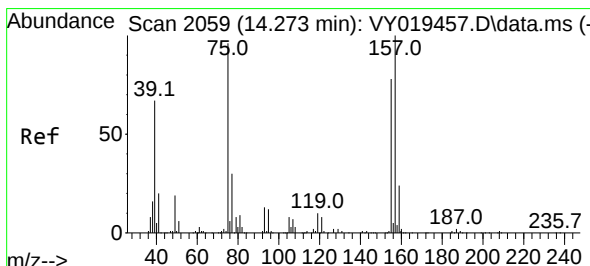
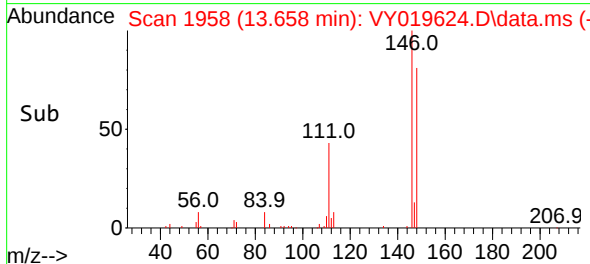
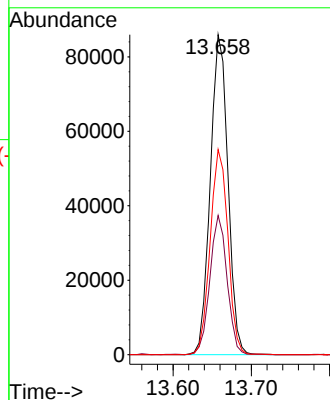
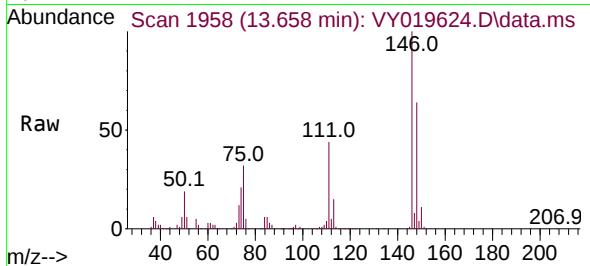




#91
1,2-Dichlorobenzene
Concen: 19.304 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

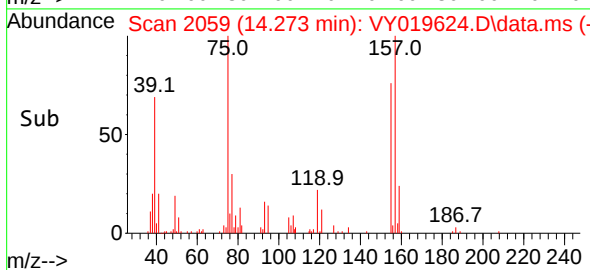
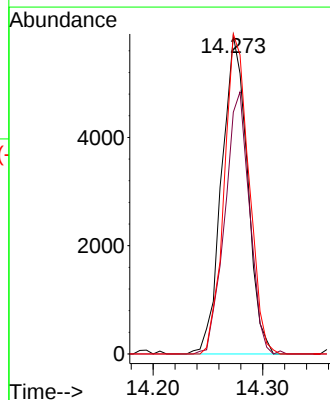
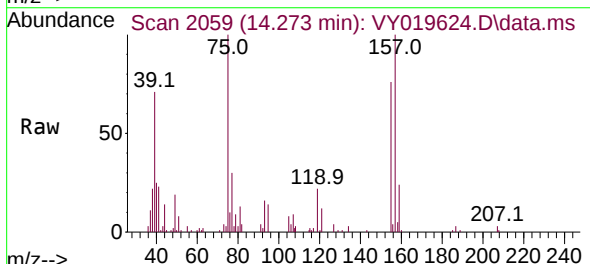
Instrument :
MSVOA_Y
ClientSampleId :

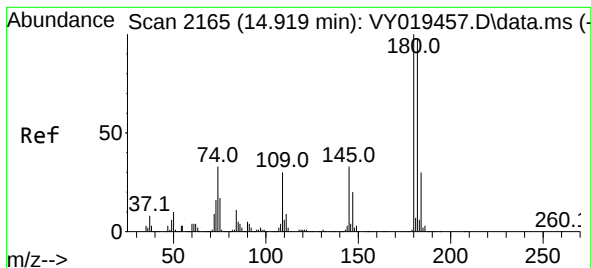
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.9	59.7
148	64.7	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.866 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019624.D
Acq: 19 Sep 2024 11:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	48.6	145.8
157	96.5	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 16.272 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

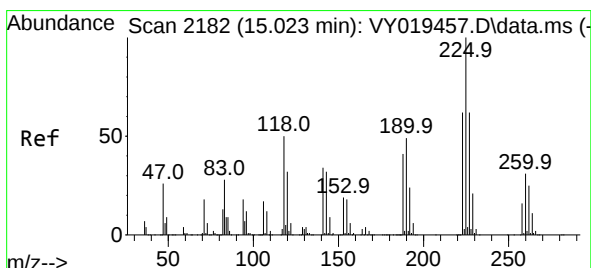
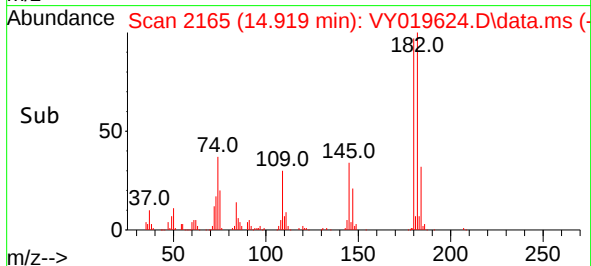
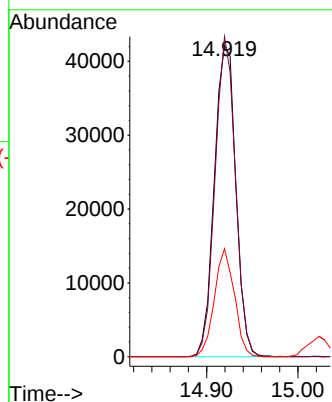
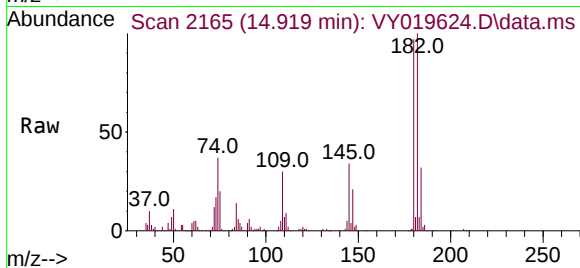
Tgt Ion:180 Resp: 68828

Ion Ratio Lower Upper

180 100

182 97.6 47.9 143.8

145 32.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.528 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

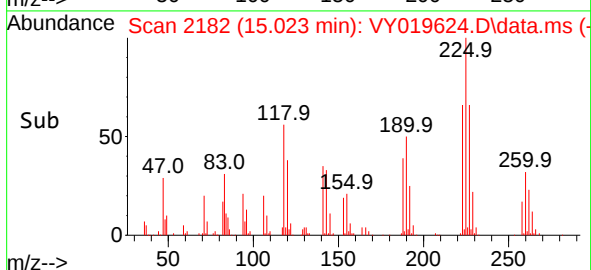
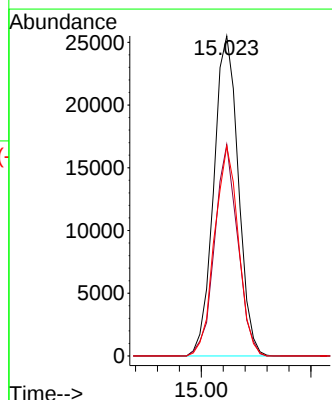
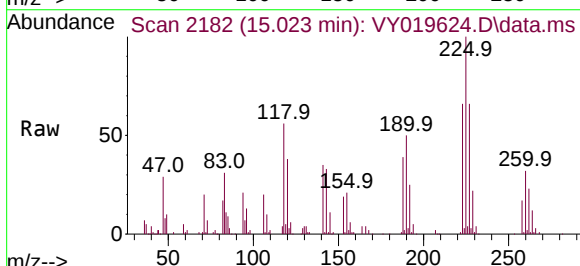
Tgt Ion:225 Resp: 39608

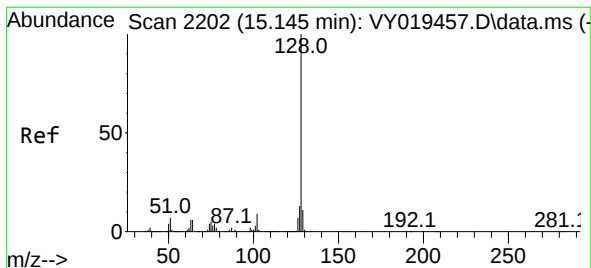
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 15.355 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

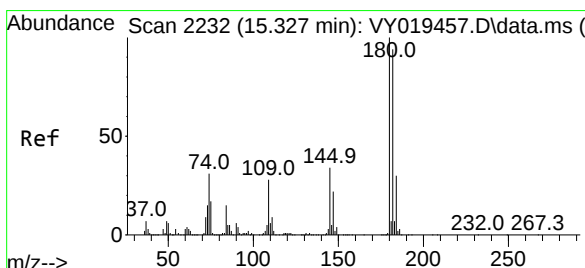
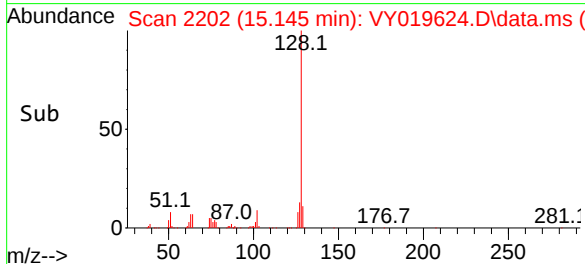
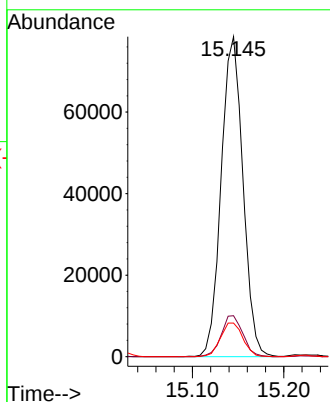
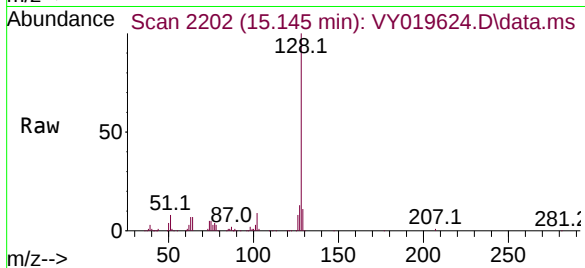
Tgt Ion:128 Resp: 130067

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: 15.775 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019624.D

Acq: 19 Sep 2024 11:10

Tgt Ion:180 Resp: 57077

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 35.8 15.4 46.1

