

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
 Data File : VY012196.D
 Acq On : 16 Jan 2023 13:26
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 17 04:40:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	188894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134252	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37644	21.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	43.660%#
35) Dibromofluoromethane	7.716	113	32639	21.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.740%#
50) Toluene-d8	10.179	98	134756	23.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	47.580%#
62) 4-Bromofluorobenzene	12.483	95	45453	21.602	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	43.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36719	22.244	ug/l	96
3) Chloromethane	2.113	50	30242	19.845	ug/l	96
4) Vinyl Chloride	2.253	62	36178	20.339	ug/l	97
5) Bromomethane	2.643	94	26810	19.495	ug/l	98
6) Chloroethane	2.790	64	23391	20.164	ug/l	98
7) Trichlorofluoromethane	3.125	101	71374	20.560	ug/l	96
8) Diethyl Ether	3.533	74	20155	19.511	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.905	101	34344	20.327	ug/l	95
10) Methyl Iodide	4.088	142	51510	20.061	ug/l	94
11) Tert butyl alcohol	4.954	59	19339	96.524	ug/l	100
12) 1,1-Dichloroethene	3.869	96	34672	19.985	ug/l	96
13) Acrolein	3.722	56	10501	136.059	ug/l	97
14) Allyl chloride	4.478	41	41126	19.172	ug/l #	82
15) Acrylonitrile	5.161	53	43466	96.332	ug/l	99
16) Acetone	3.948	43	46355	88.130	ug/l	98
17) Carbon Disulfide	4.198	76	106761	19.895	ug/l	98
18) Methyl Acetate	4.478	43	21701	18.438	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	94460	19.532	ug/l	94
20) Methylene Chloride	4.716	84	55580	20.558	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	38668	19.974	ug/l	89
22) Diisopropyl ether	6.118	45	83784	19.591	ug/l #	88
23) Vinyl Acetate	6.057	43	261729	98.214	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	58306	19.656	ug/l	96
25) 2-Butanone	6.984	43	54065	93.106	ug/l	92
26) 2,2-Dichloropropane	6.984	77	63472	19.711	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	41930	19.718	ug/l	94
28) Bromochloromethane	7.332	49	12104	18.684	ug/l #	71
29) Tetrahydrofuran	7.344	42	30262	94.876	ug/l #	81
30) Chloroform	7.508	83	68927	19.685	ug/l	93
31) Cyclohexane	7.789	56	53452	19.408	ug/l #	85
32) 1,1,1-Trichloroethane	7.703	97	68110	19.648	ug/l	97
36) 1,1-Dichloropropene	7.917	75	50950	20.085	ug/l	97
37) Ethyl Acetate	7.069	43	22554	20.168	ug/l #	97
38) Carbon Tetrachloride	7.899	117	67004	20.452	ug/l	100
39) Methylcyclohexane	9.185	83	62705	20.227	ug/l	92
40) Benzene	8.161	78	146247	19.975	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	17423	26.506	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	46555	19.973	ug/l	99
43) Isopropyl Acetate	8.270	43	40673	19.549	ug/l #	93
44) Trichloroethene	8.941	130	44526	20.346	ug/l	97
45) 1,2-Dichloropropane	9.215	63	30183	19.756	ug/l	95
46) Dibromomethane	9.307	93	20496	20.040	ug/l	95
47) Bromodichloromethane	9.496	83	51858	20.143	ug/l	98
48) Methyl methacrylate	9.295	41	18174	18.958	ug/l #	82
49) 1,4-Dioxane	9.295	88	5292	379.725	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	108911	98.169	ug/l	95
52) Toluene	10.240	92	98367	20.178	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	53860	20.000	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	57907	19.967	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	28772	19.800	ug/l	98
56) Ethyl methacrylate	10.508	69	37529	19.686	ug/l	95
57) 1,3-Dichloropropane	10.788	76	47594	20.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	63331	100.399	ug/l	89
59) 2-Hexanone	10.831	43	81493	96.480	ug/l	95
60) Dibromochloromethane	10.983	129	38881	20.174	ug/l	100
61) 1,2-Dibromoethane	11.087	107	27891	19.891	ug/l	99
64) Tetrachloroethene	10.721	164	48592	20.508	ug/l	96
65) Chlorobenzene	11.514	112	105251	19.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	40105	19.999	ug/l	97
67) Ethyl Benzene	11.593	91	189107	19.916	ug/l	97
68) m/p-Xylenes	11.703	106	151588	40.378	ug/l	99
69) o-Xylene	12.032	106	72199	20.135	ug/l	99
70) Styrene	12.044	104	120134	20.051	ug/l	99
71) Bromoform	12.209	173	26017	20.307	ug/l #	98
73) Isopropylbenzene	12.331	105	193545	19.993	ug/l	99
74) N-amyl acetate	12.142	43	36459	19.212	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	29327	19.233	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	45363	36.746	ug/l #	100
77) Bromobenzene	12.611	156	45561	19.559	ug/l	92
78) n-propylbenzene	12.672	91	226889	20.029	ug/l	98
79) 2-Chlorotoluene	12.757	91	127009	19.830	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	169371	20.126	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	11564	19.301	ug/l	97
82) 4-Chlorotoluene	12.855	91	133493	19.842	ug/l	98
83) tert-Butylbenzene	13.074	119	149692	20.408	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	167914	20.232	ug/l	98
85) sec-Butylbenzene	13.251	105	210069	20.116	ug/l	97
86) p-Isopropyltoluene	13.367	119	185077	20.284	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	93243	20.126	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91032	19.702	ug/l	99
89) n-Butylbenzene	13.696	91	158867	20.092	ug/l	97
90) Hexachloroethane	13.965	117	33471	20.321	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	81657	19.753	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6205	19.691	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	52932	19.983	ug/l	98
94) Hexachlorobutadiene	15.117	225	32885	20.620	ug/l	100
95) Naphthalene	15.239	128	102999	19.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46421	20.365	ug/l	99

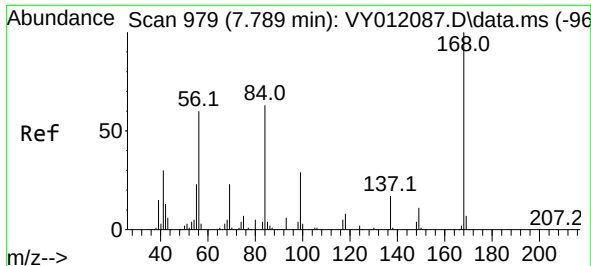
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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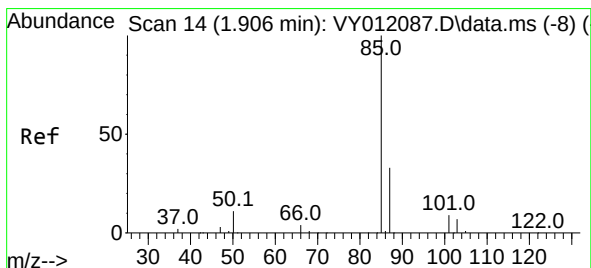
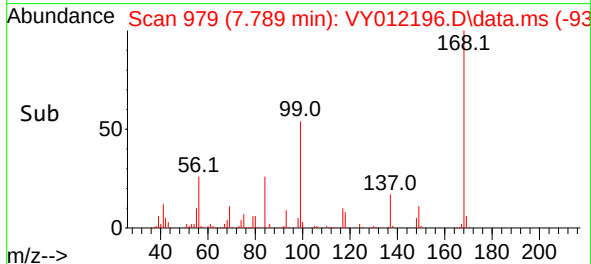
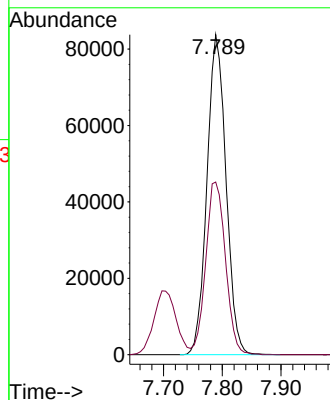
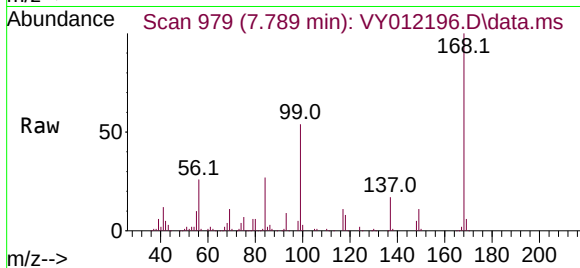
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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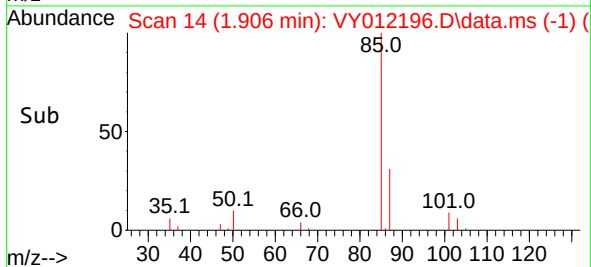
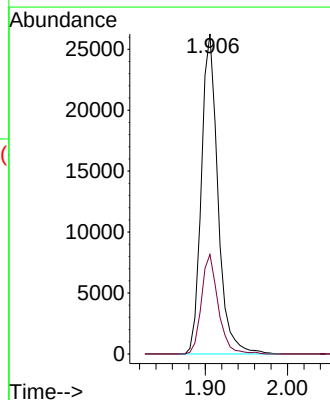
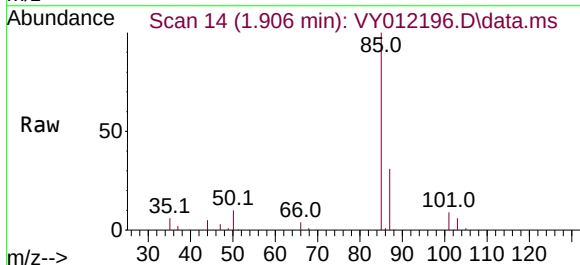
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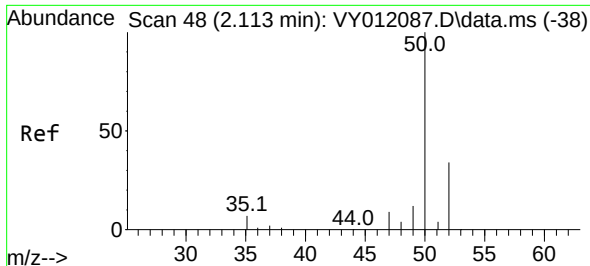
Tgt Ion:168 Resp: 188894
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 22.244 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 85 Resp: 36719
Ion Ratio Lower Upper
85 100
87 31.1 16.8 50.4

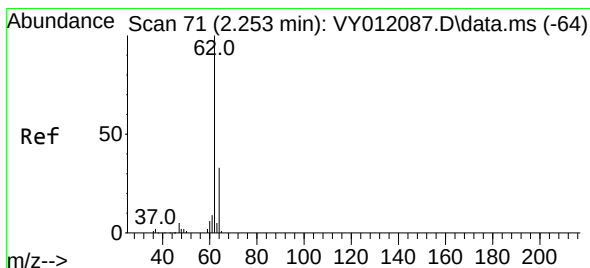
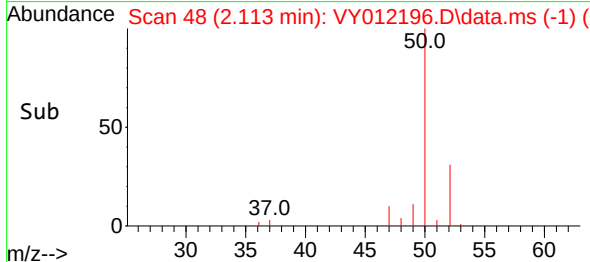
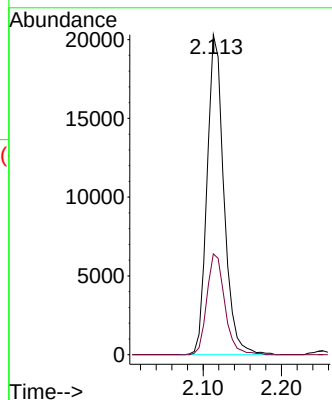
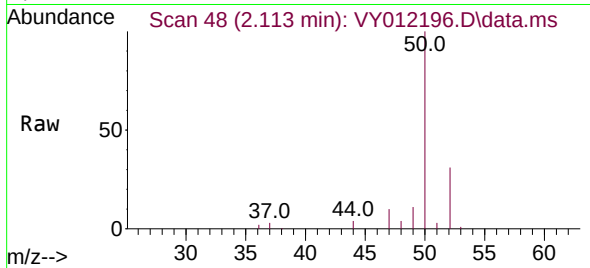




#3
Chloromethane
Concen: 19.845 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

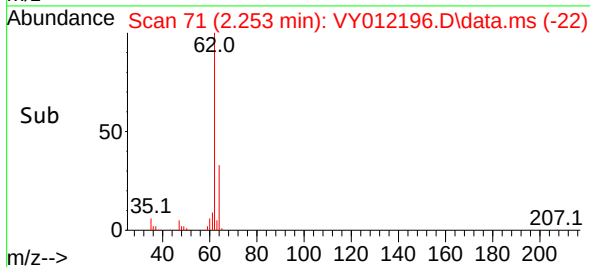
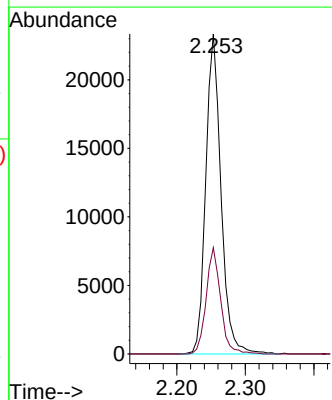
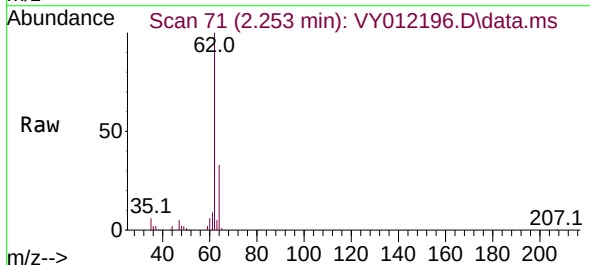
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ClientSampleId :
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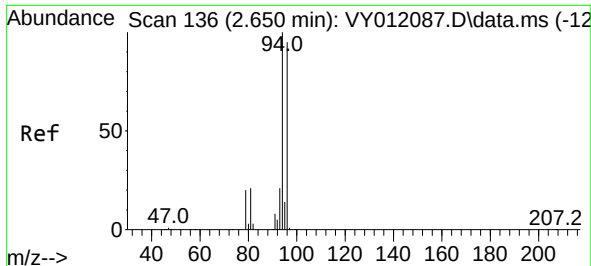
Tgt Ion: 50 Resp: 30242
Ion Ratio Lower Upper
50 100
52 31.5 26.8 40.2



#4
Vinyl Chloride
Concen: 20.339 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 62 Resp: 36178
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6

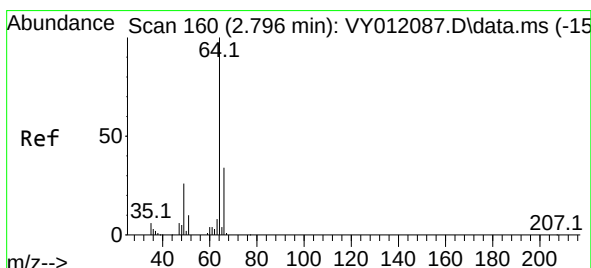
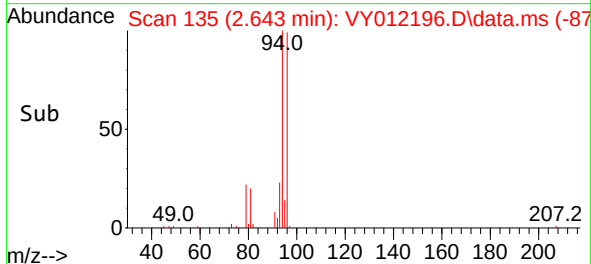
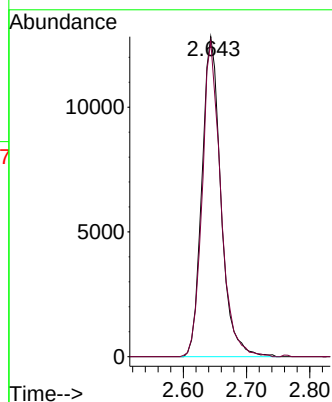
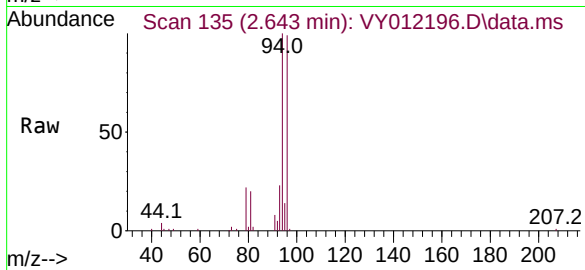




#5
Bromomethane
Concen: 19.495 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

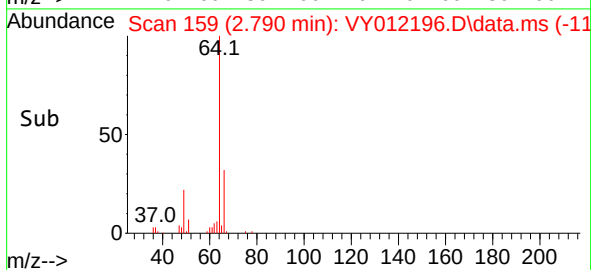
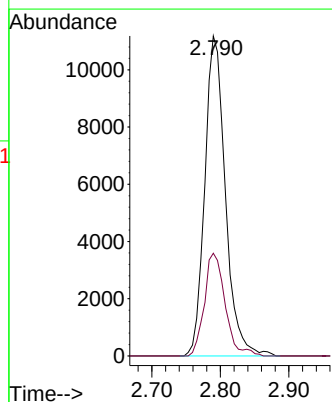
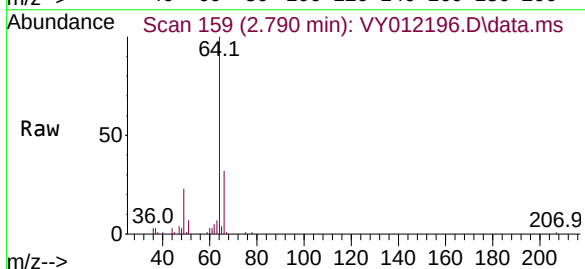
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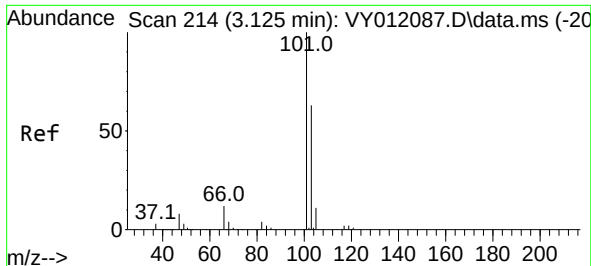
Tgt Ion: 94 Resp: 26810
Ion Ratio Lower Upper
94 100
96 98.5 77.4 116.2



#6
Chloroethane
Concen: 20.164 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 64 Resp: 23391
Ion Ratio Lower Upper
64 100
66 32.1 25.0 37.4

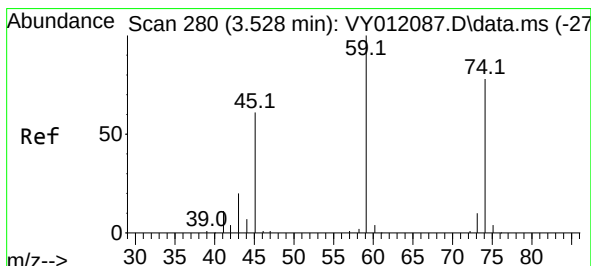
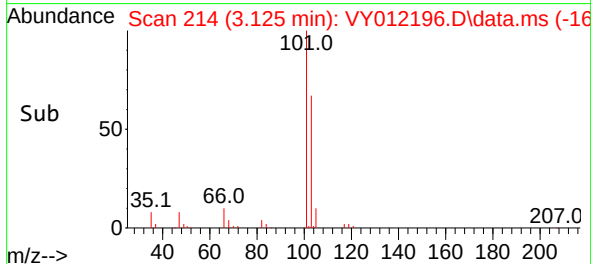
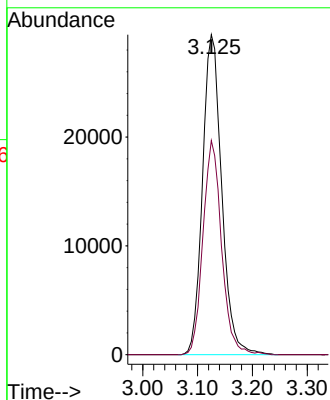
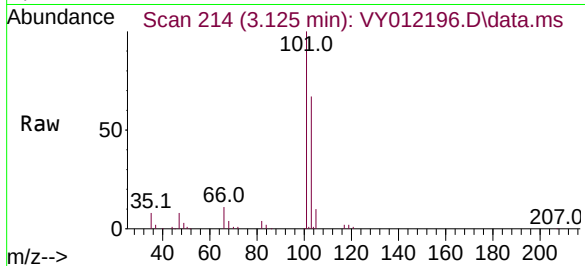




#7
Trichlorofluoromethane
Concen: 20.560 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY012196.D
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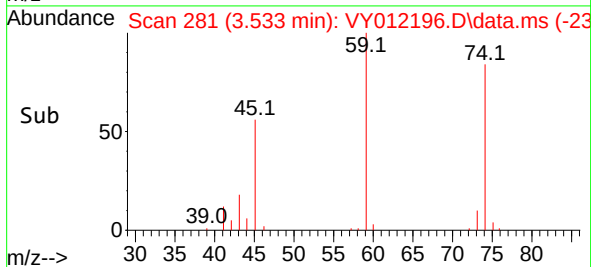
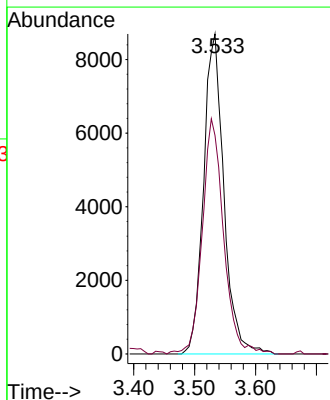
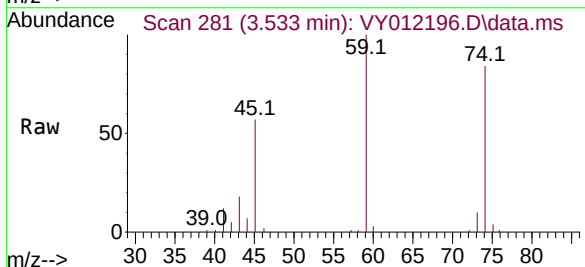
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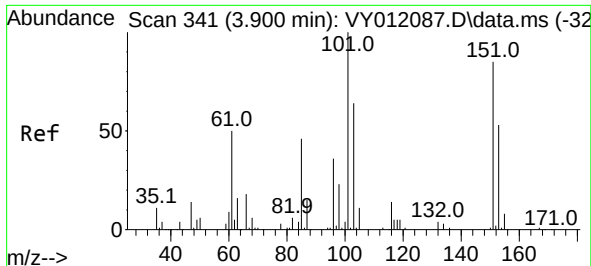
Tgt Ion:101 Resp: 71374
Ion Ratio Lower Upper
101 100
103 66.9 51.0 76.6



#8
Diethyl Ether
Concen: 19.511 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.005 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 74 Resp: 20155
Ion Ratio Lower Upper
74 100
45 77.1 46.8 140.3

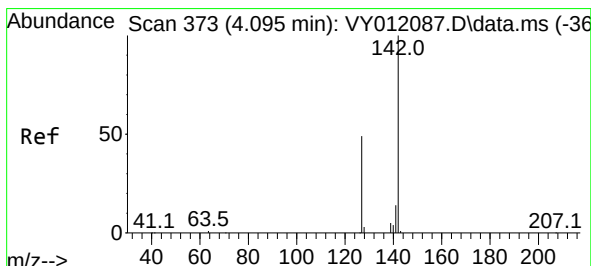
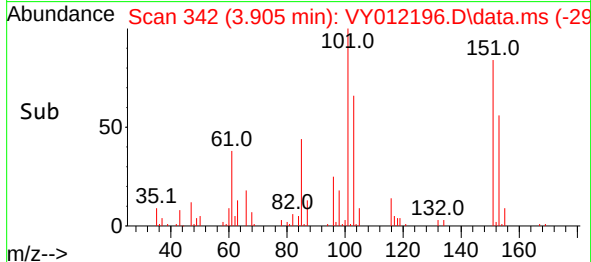
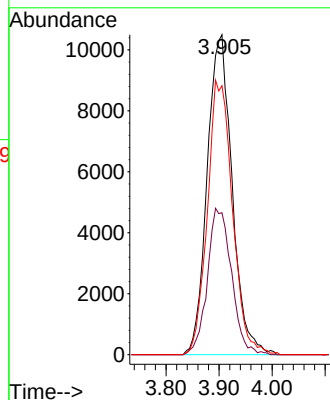
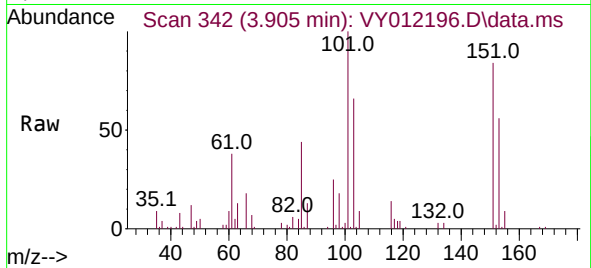




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.327 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.005 min
Lab File: VY012196.D
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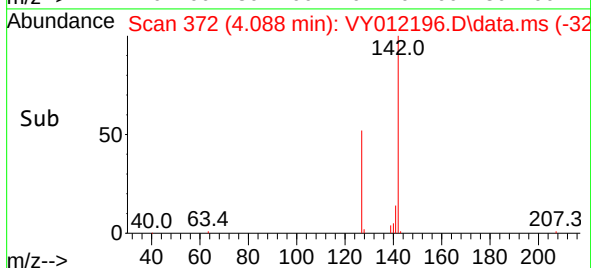
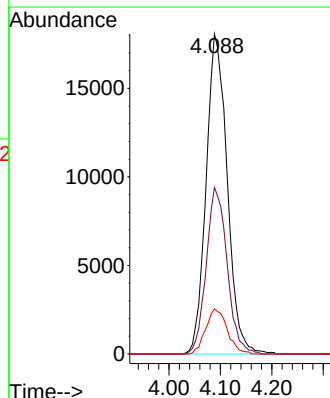
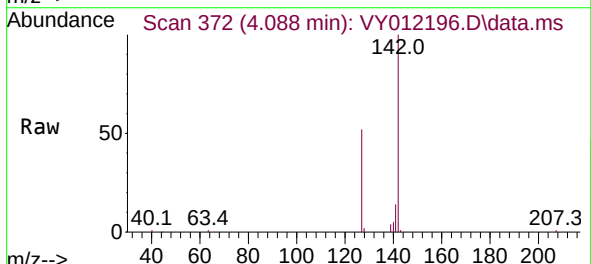
Instrument :
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ClientSampleId :
VSTDIC020

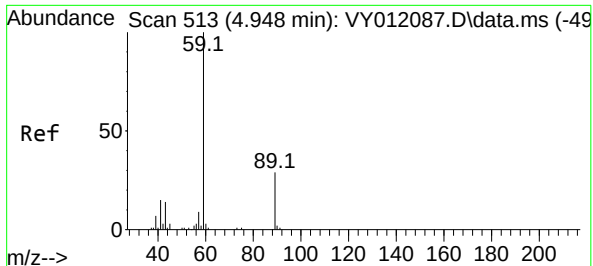
Tgt Ion:101 Resp: 34344
Ion Ratio Lower Upper
101 100
85 44.3 36.2 54.2
151 86.2 64.2 96.2



#10
Methyl Iodide
Concen: 20.061 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion:142 Resp: 51510
Ion Ratio Lower Upper
142 100
127 51.5 37.0 55.4
141 14.4 11.4 17.0





#11

Tert butyl alcohol

Concen: 96.524 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

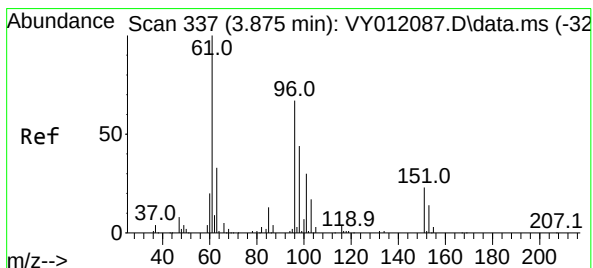
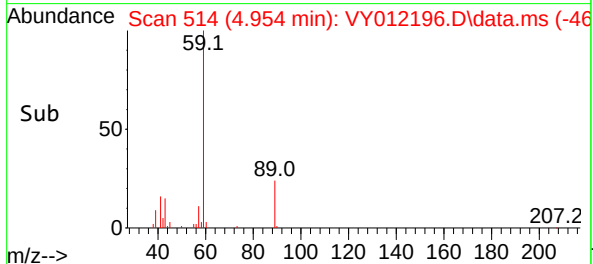
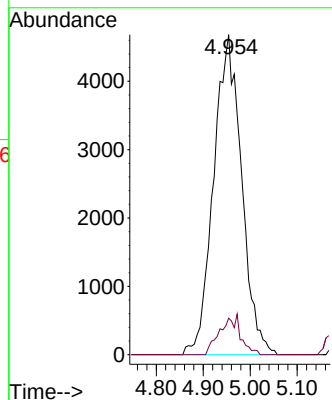
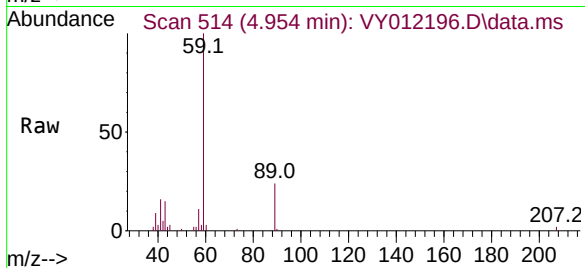
VSTDICC020

Tgt Ion: 59 Resp: 19339

Ion Ratio Lower Upper

59 100

57 9.2 7.4 11.2



#12

1,1-Dichloroethene

Concen: 19.985 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

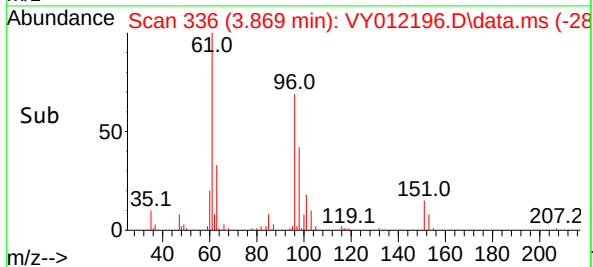
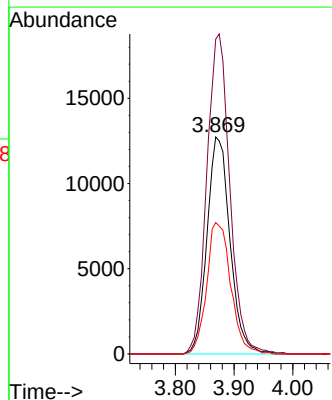
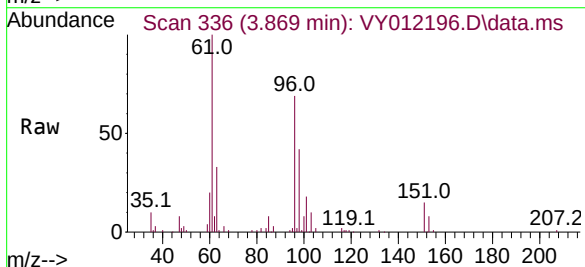
Tgt Ion: 96 Resp: 34672

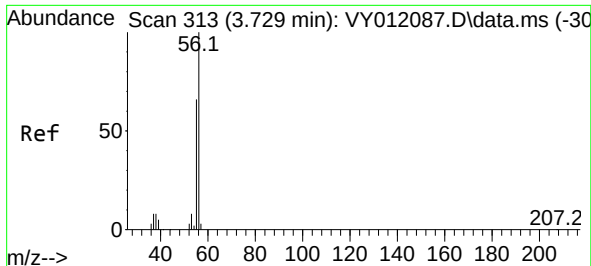
Ion Ratio Lower Upper

96 100

61 145.2 122.0 183.0

98 60.5 48.6 73.0

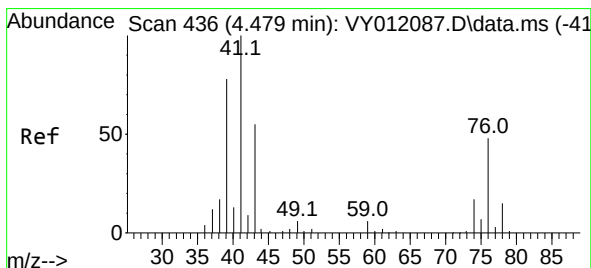
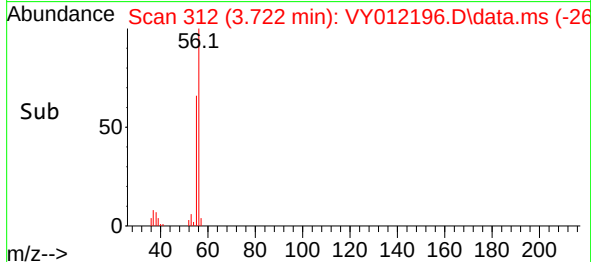
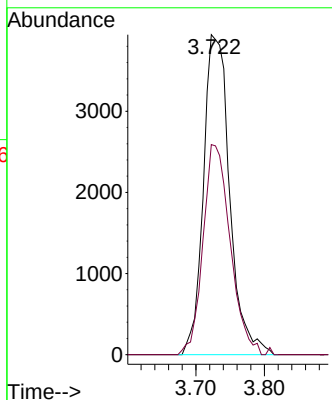
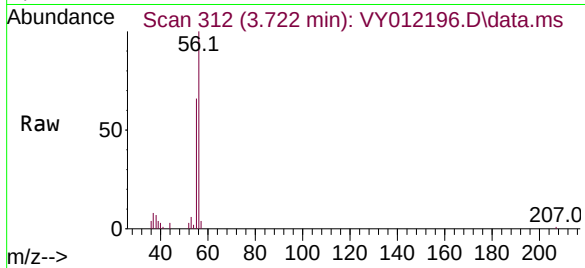




#13
Acrolein
Concen: 136.059 ug/l
RT: 3.722 min Scan# 313
Delta R.T. -0.007 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

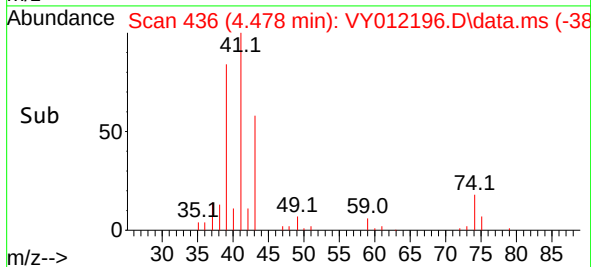
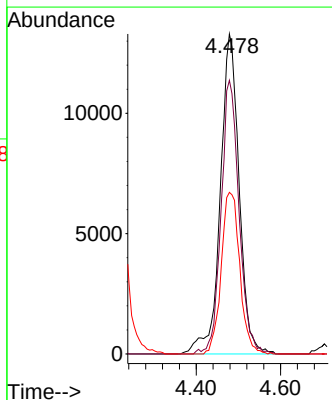
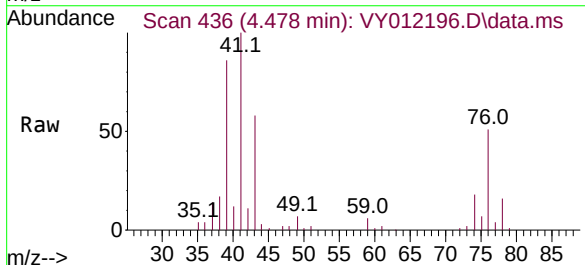
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

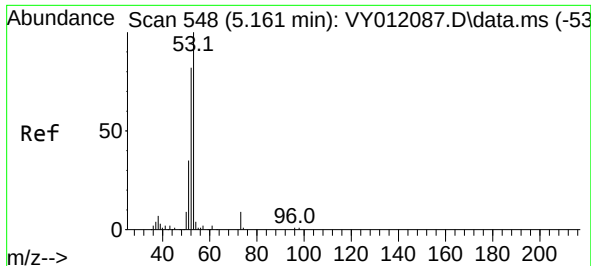
Tgt Ion: 56 Resp: 10501
Ion Ratio Lower Upper
56 100
55 68.1 56.6 85.0



#14
Allyl chloride
Concen: 19.172 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 41 Resp: 41126
Ion Ratio Lower Upper
41 100
39 81.4 53.5 80.3#
76 49.7 31.1 46.7#

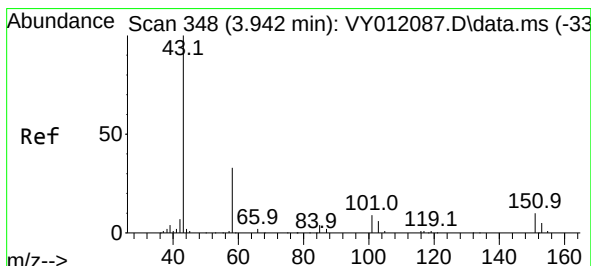
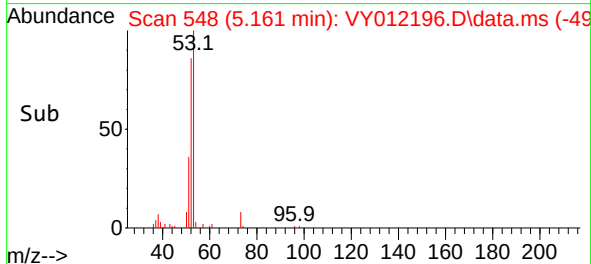
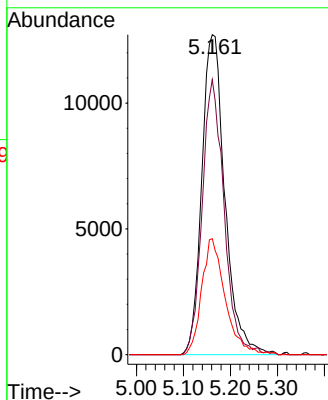
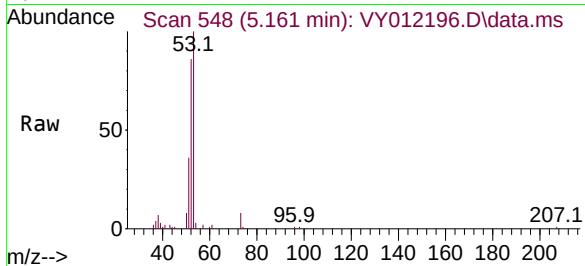




#15
Acrylonitrile
Concen: 96.332 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

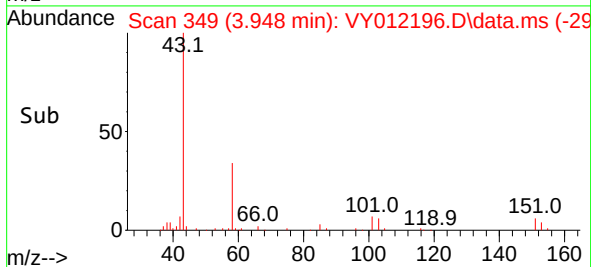
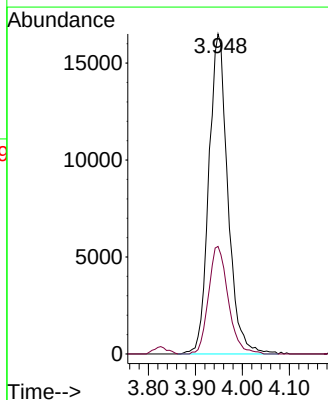
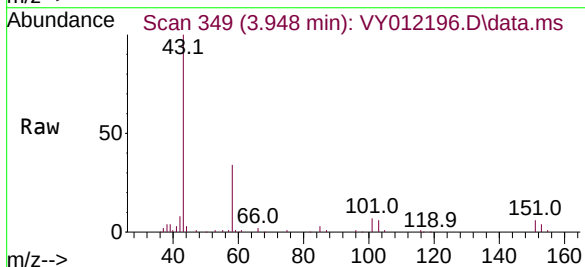
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

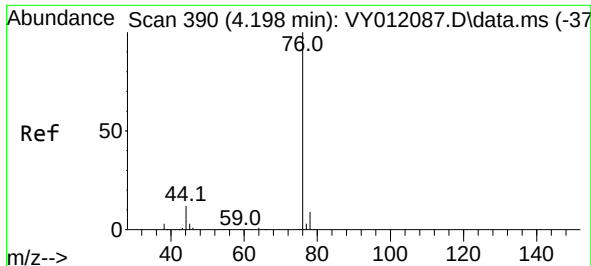
Tgt Ion: 53 Resp: 43466
Ion Ratio Lower Upper
53 100
52 81.2 65.1 97.7
51 37.0 28.7 43.1



#16
Acetone
Concen: 88.130 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 43 Resp: 46355
Ion Ratio Lower Upper
43 100
58 33.6 27.9 41.9

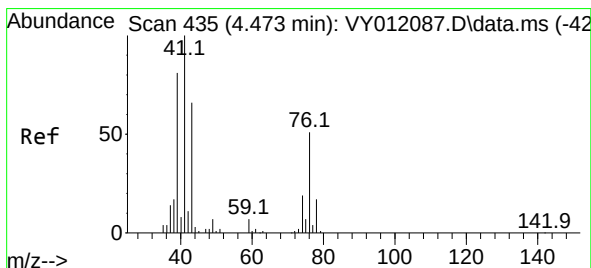
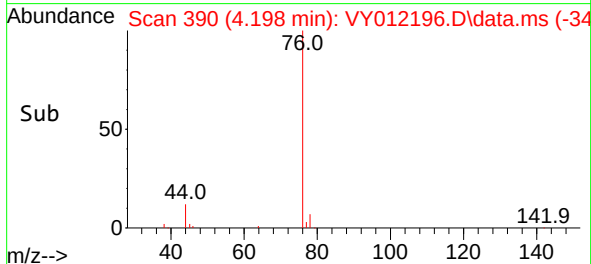
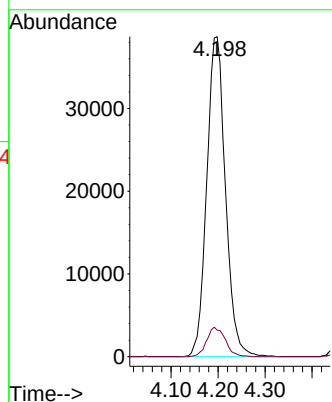
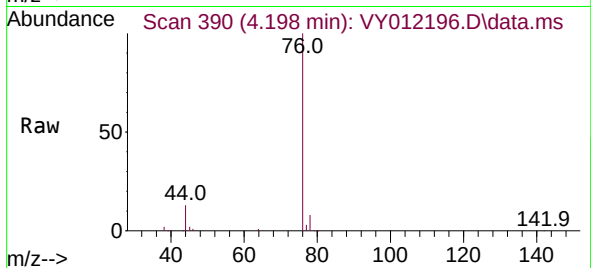




#17
Carbon Disulfide
Concen: 19.895 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

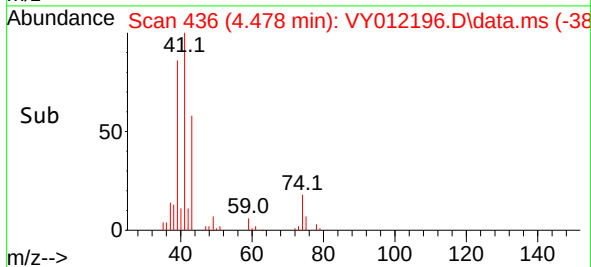
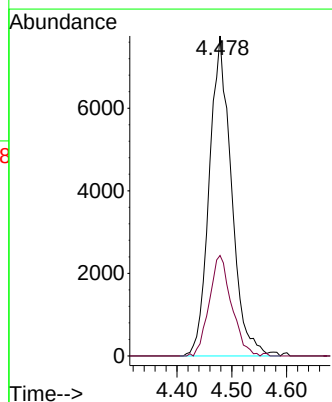
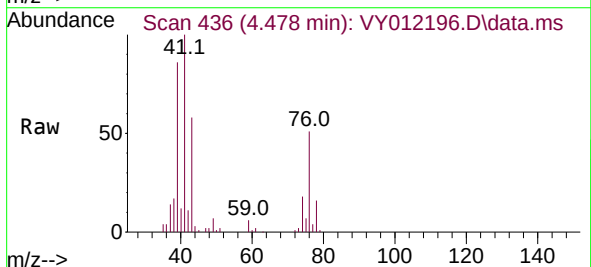
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

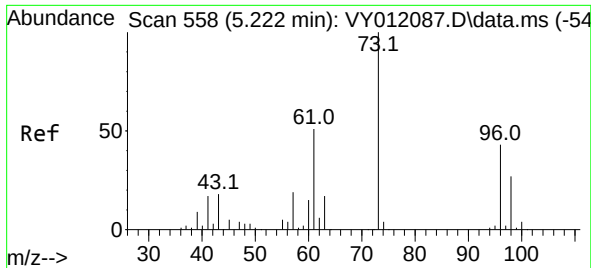
Tgt Ion: 76 Resp: 106761
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8



#18
Methyl Acetate
Concen: 18.438 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 43 Resp: 21701
Ion Ratio Lower Upper
43 100
74 31.6 20.1 30.1#

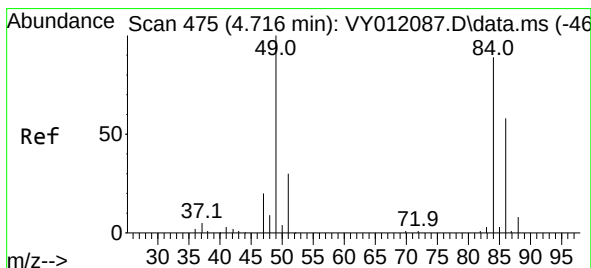
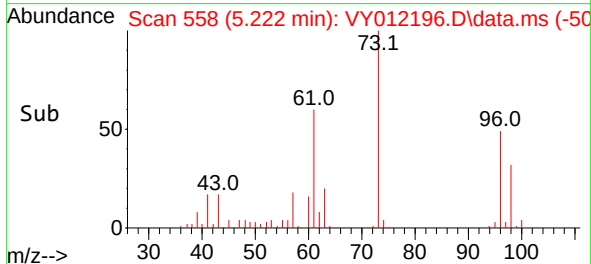
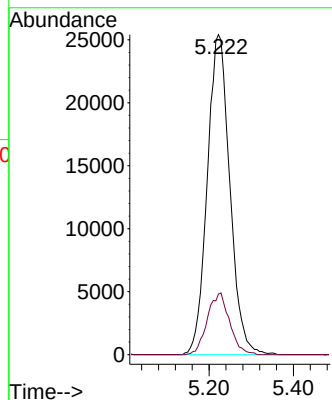
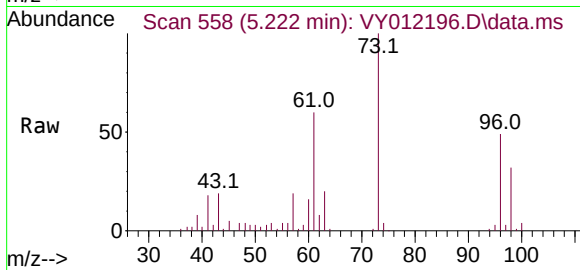




#19
Methyl tert-butyl Ether
Concen: 19.532 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

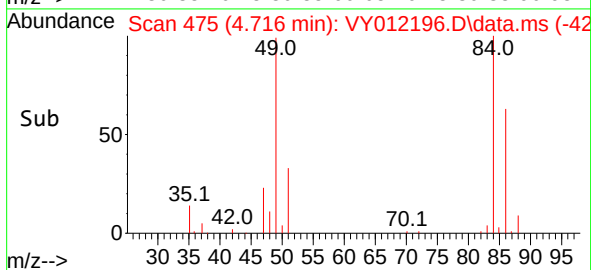
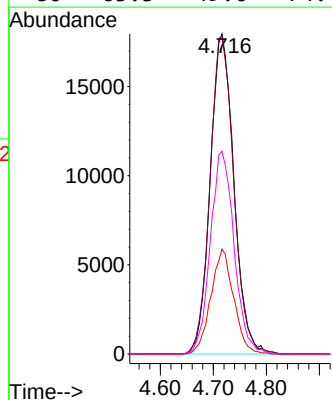
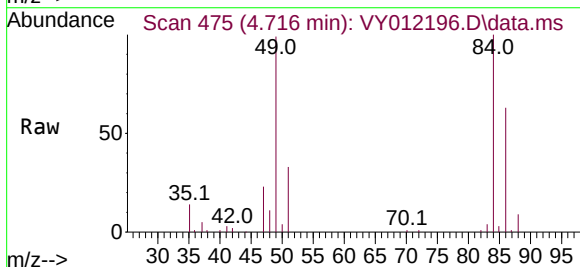
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

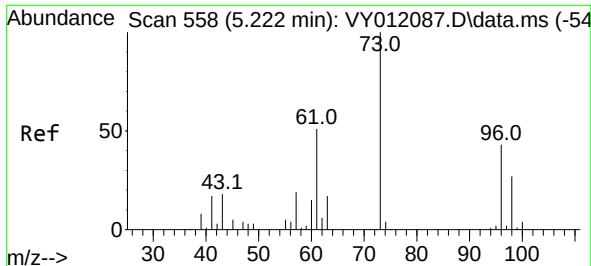
Tgt Ion: 73 Resp: 94460
Ion Ratio Lower Upper
73 100
57 19.0 17.4 26.0



#20
Methylene Chloride
Concen: 20.558 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 84 Resp: 55580
Ion Ratio Lower Upper
84 100
49 99.3 95.4 143.2
51 32.8 29.9 44.9
86 63.3 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 19.974 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

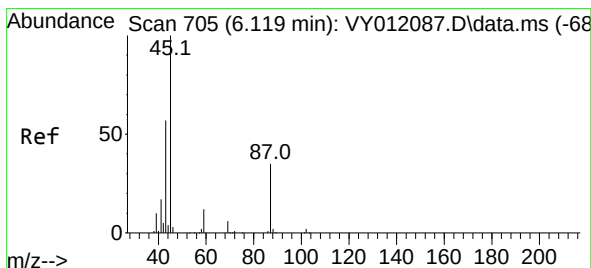
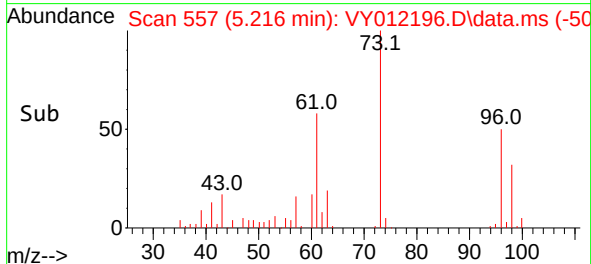
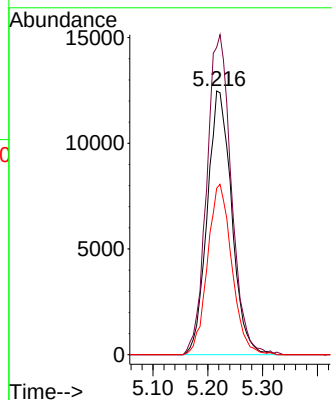
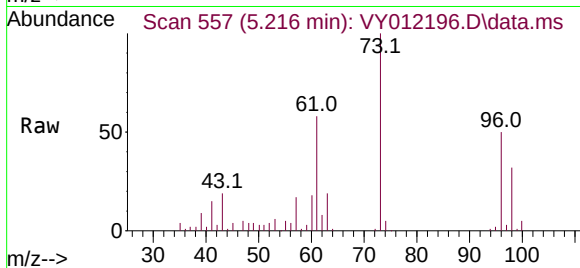
Tgt Ion: 96 Resp: 38668

Ion Ratio Lower Upper

96 100

61 116.6 108.0 162.0

98 63.1 51.6 77.4



#22

Diisopropyl ether

Concen: 19.591 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.001 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Tgt Ion: 45 Resp: 83784

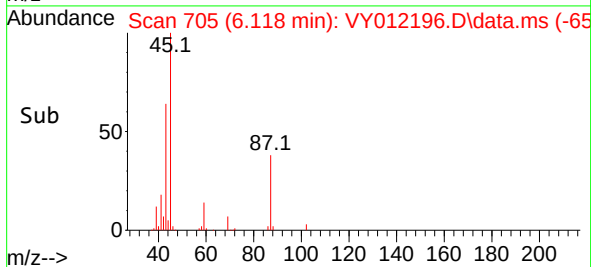
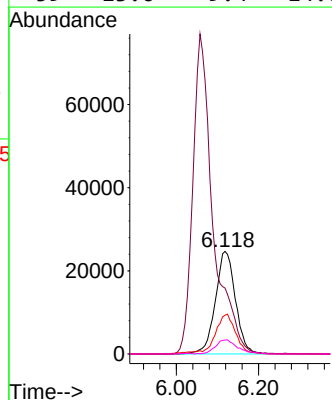
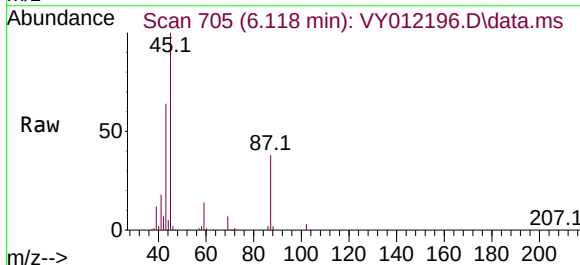
Ion Ratio Lower Upper

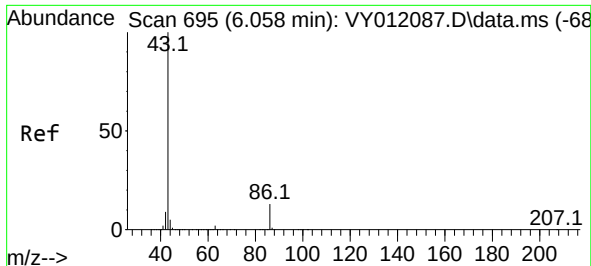
45 100

43 63.7 45.0 67.4

87 37.8 22.6 33.8#

59 13.6 9.4 14.0

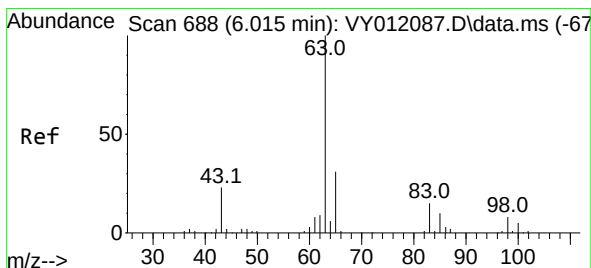
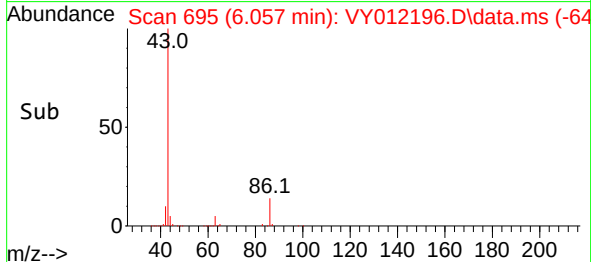
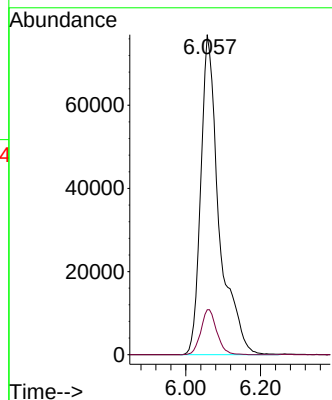
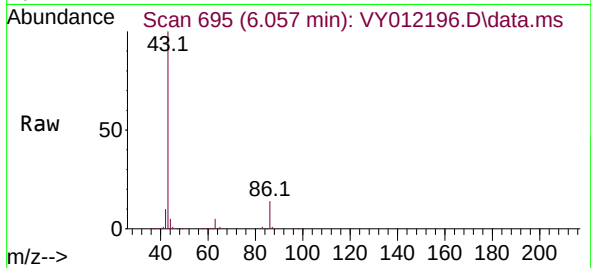




#23
 Vinyl Acetate
 Concen: 98.214 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY012196.D
 Acq: 16 Jan 2023 13:26

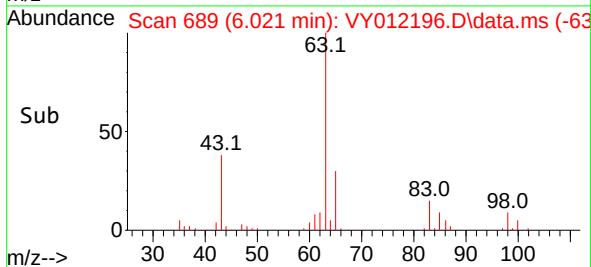
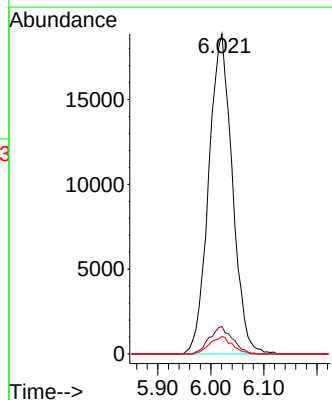
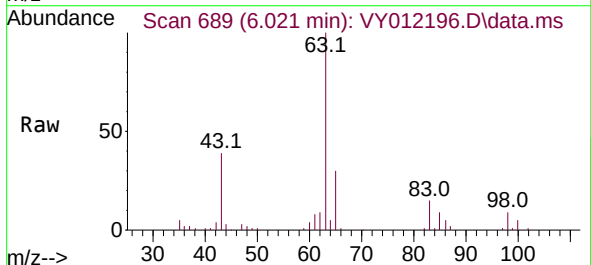
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

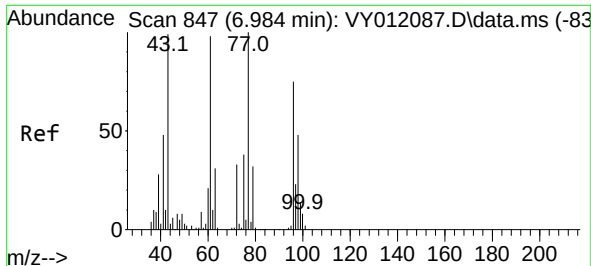
Tgt Ion: 43 Resp: 261729
 Ion Ratio Lower Upper
 43 100
 86 14.1 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 19.656 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012196.D
 Acq: 16 Jan 2023 13:26

Tgt Ion: 63 Resp: 58306
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.5
 100 5.5 2.2 6.6

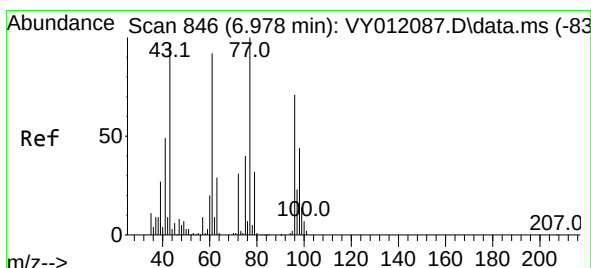
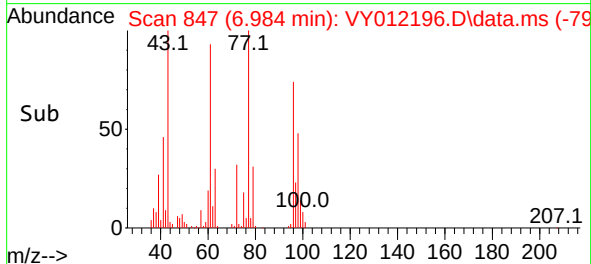
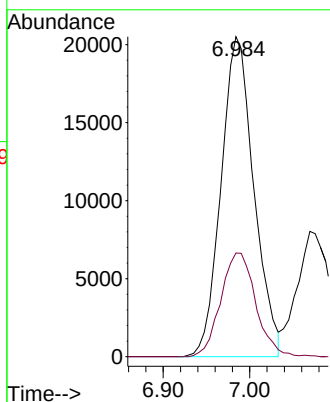
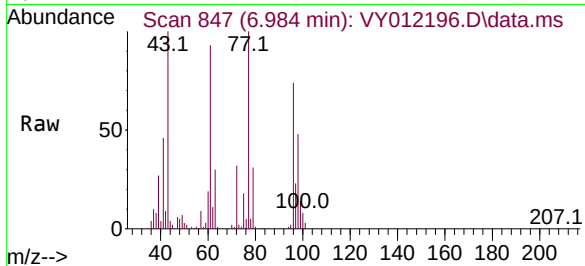




#25
2-Butanone
Concen: 93.106 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

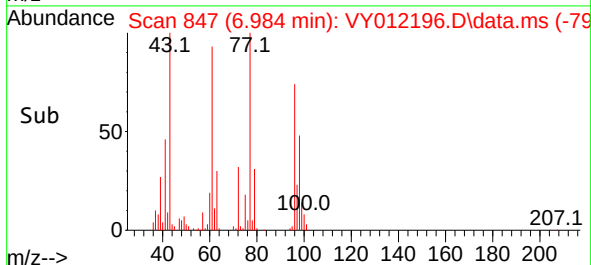
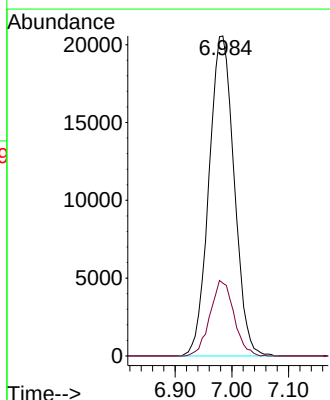
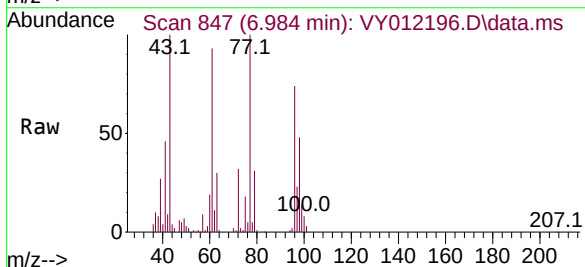
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

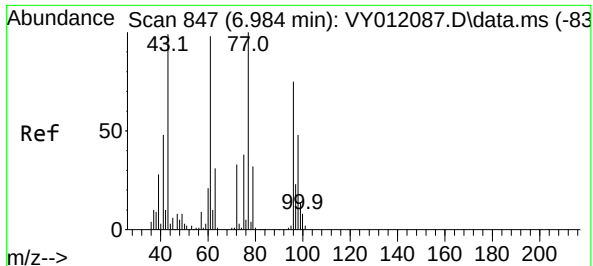
Tgt Ion: 43 Resp: 54065
Ion Ratio Lower Upper
43 100
72 32.4 22.6 34.0



#26
2,2-Dichloropropane
Concen: 19.711 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 77 Resp: 63472
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.718 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

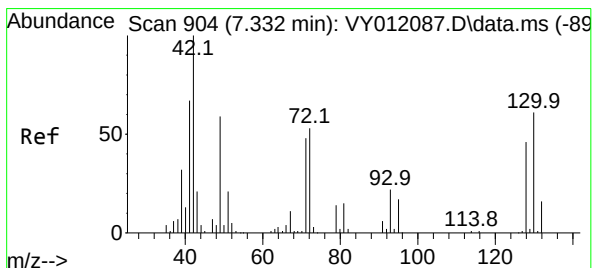
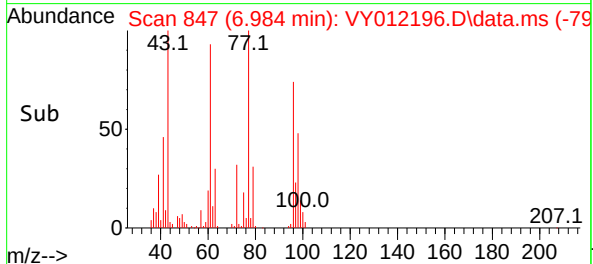
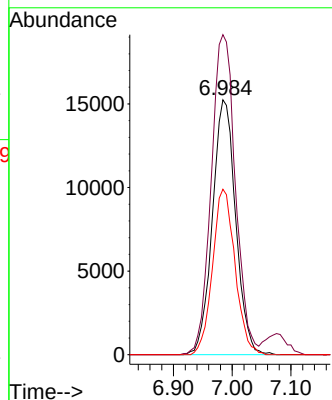
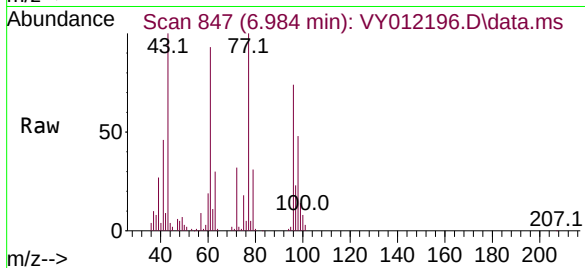
Tgt Ion: 96 Resp: 41930

Ion Ratio Lower Upper

96 100

61 130.9 0.0 283.4

98 62.8 0.0 127.6



#28

Bromochloromethane

Concen: 18.684 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

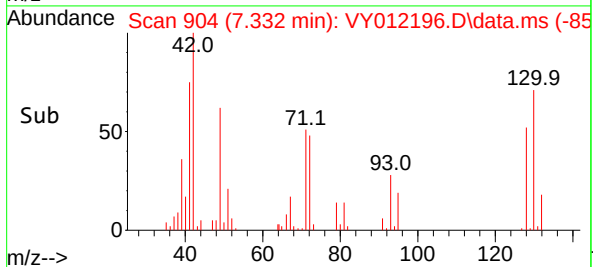
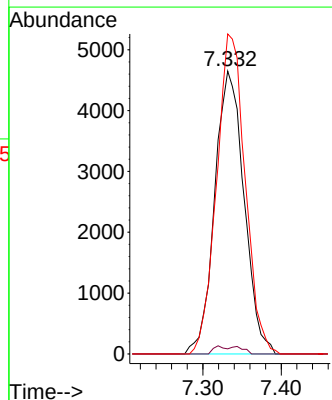
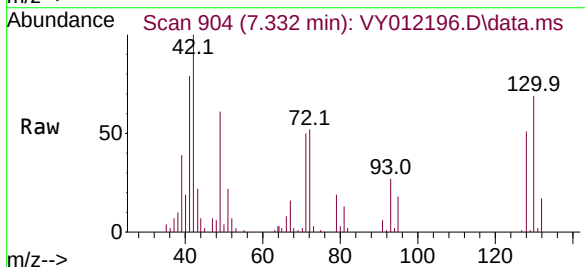
Tgt Ion: 49 Resp: 12104

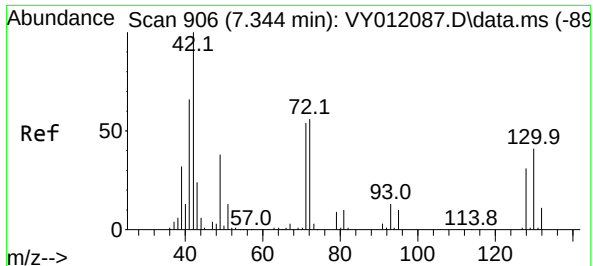
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.6

130 110.2 66.7 100.1#





#29

Tetrahydrofuran

Concen: 94.876 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

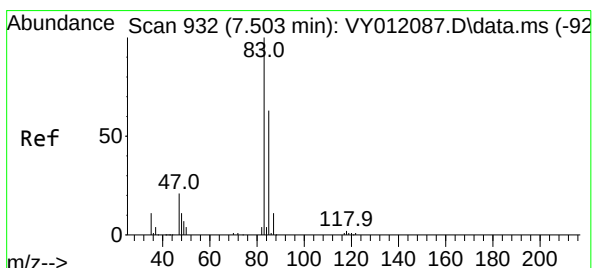
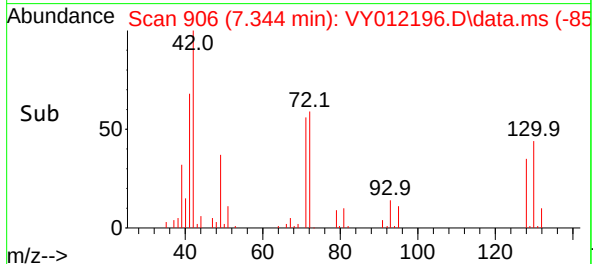
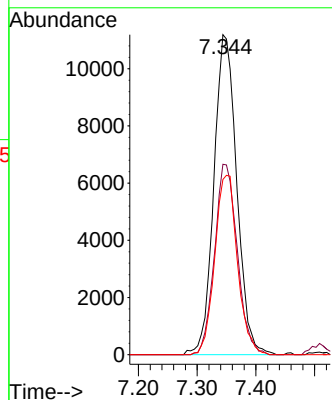
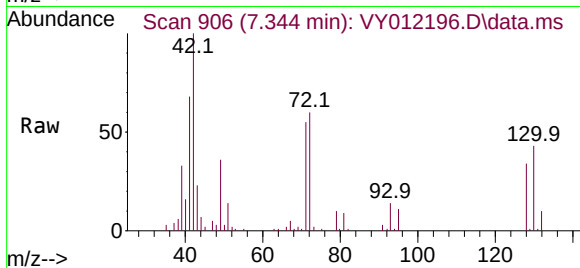
Tgt Ion: 42 Resp: 30262

Ion Ratio Lower Upper

42 100

72 59.1 37.0 55.6#

71 55.6 34.9 52.3#



#30

Chloroform

Concen: 19.685 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012196.D

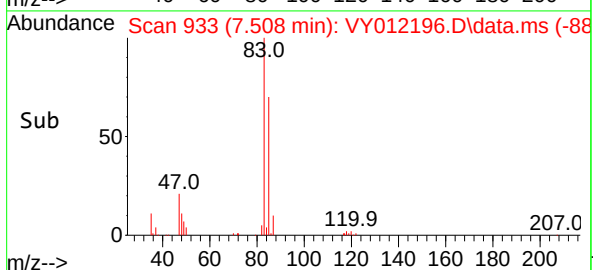
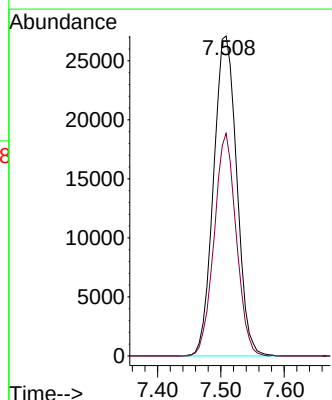
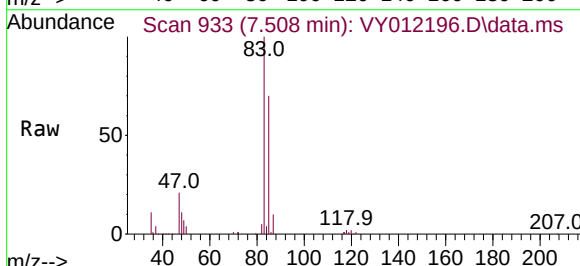
Acq: 16 Jan 2023 13:26

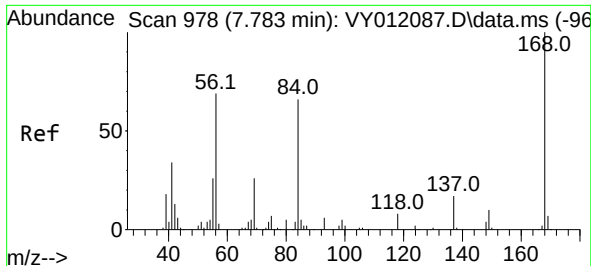
Tgt Ion: 83 Resp: 68927

Ion Ratio Lower Upper

83 100

85 69.5 51.5 77.3

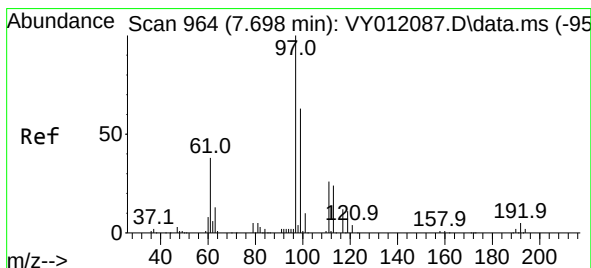
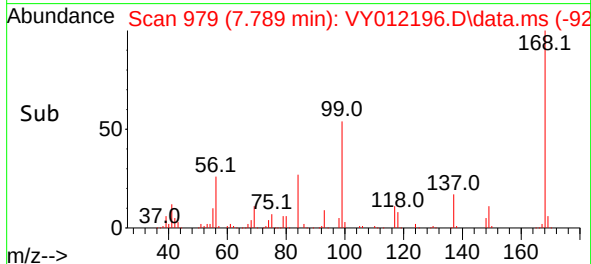
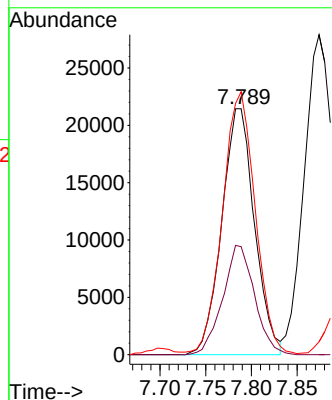
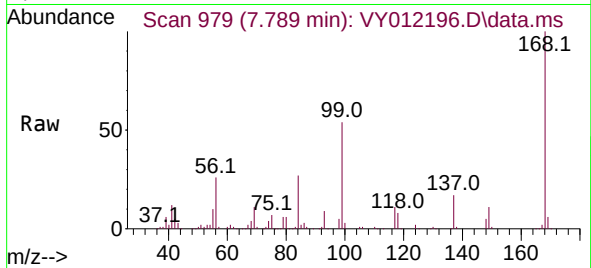




#31
Cyclohexane
Concen: 19.408 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

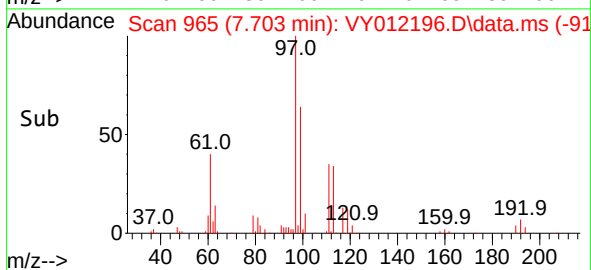
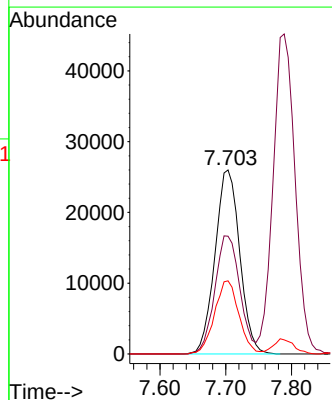
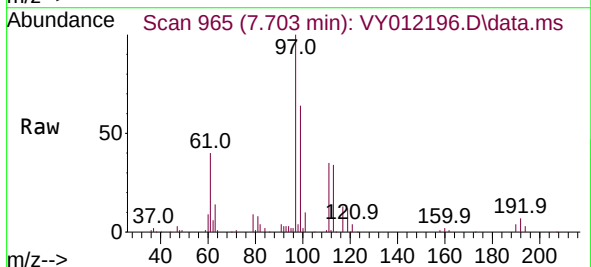
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

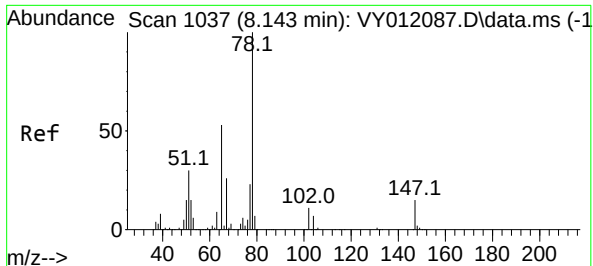
Tgt Ion: 56 Resp: 53452
Ion Ratio Lower Upper
56 100
69 43.9 29.2 43.8#
84 106.0 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 19.648 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 97 Resp: 68110
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.4
61 39.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 21.827 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

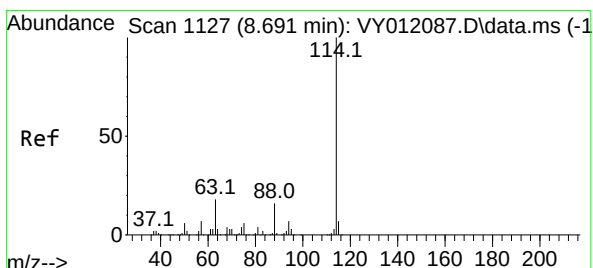
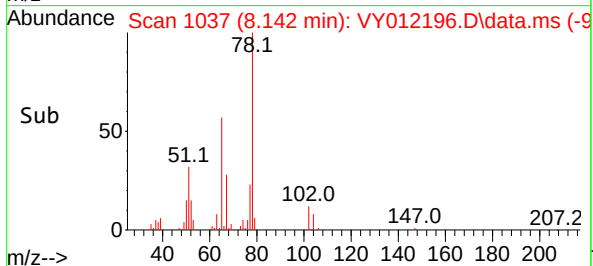
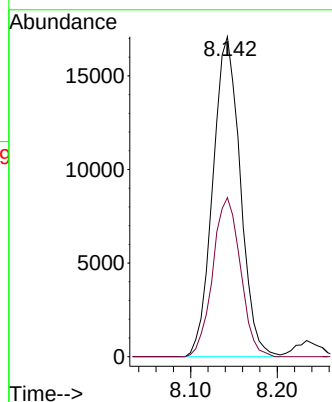
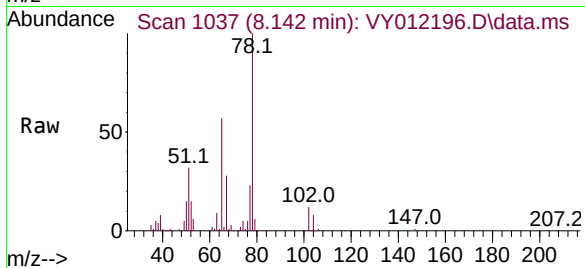
VSTDIC020

Tgt Ion: 65 Resp: 37644

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

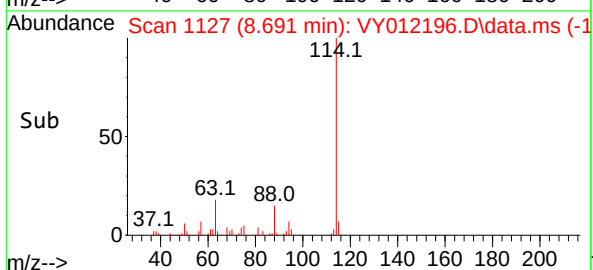
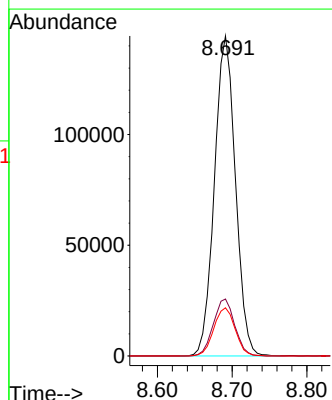
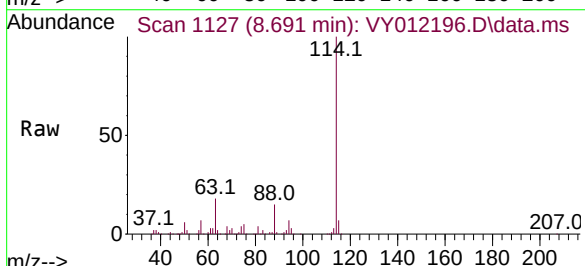
Tgt Ion: 114 Resp: 281893

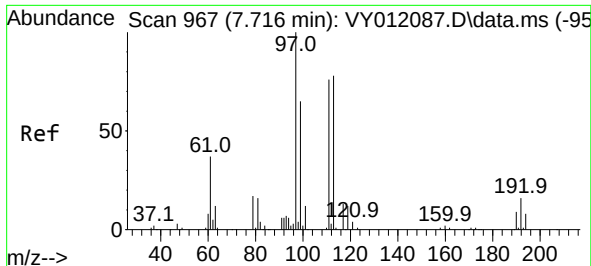
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.1 0.0 32.2

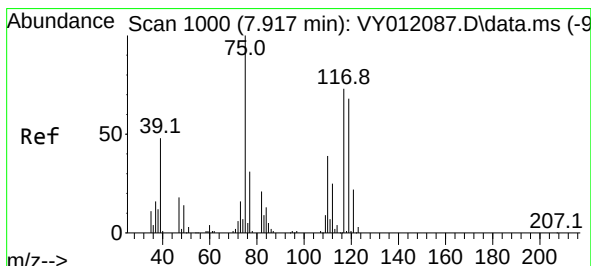
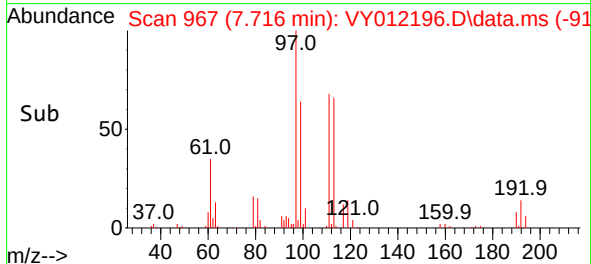
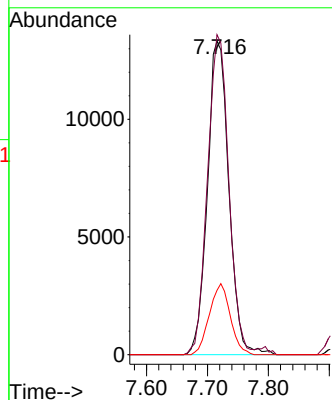
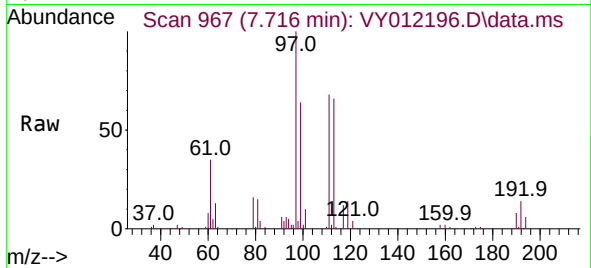




#35
Dibromofluoromethane
Concen: 21.867 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

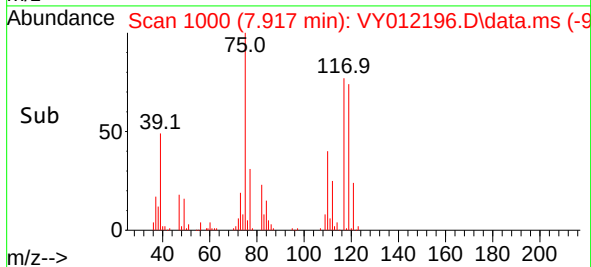
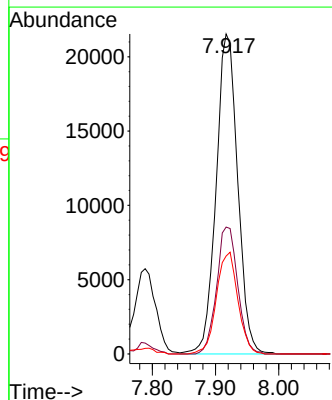
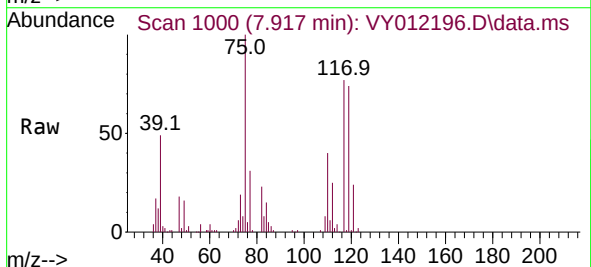
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

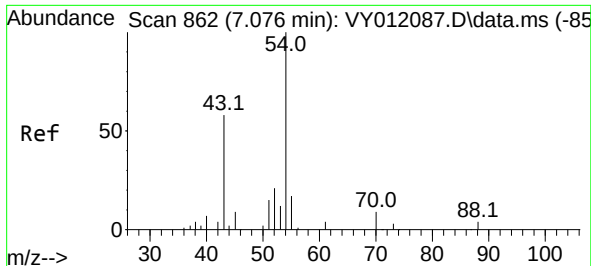
Tgt Ion:113 Resp: 32639
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.4
192 22.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.085 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 75 Resp: 50950
Ion Ratio Lower Upper
75 100
110 38.8 18.1 54.1
77 31.7 25.1 37.7





#37

Ethyl Acetate

Concen: 20.168 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.007 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

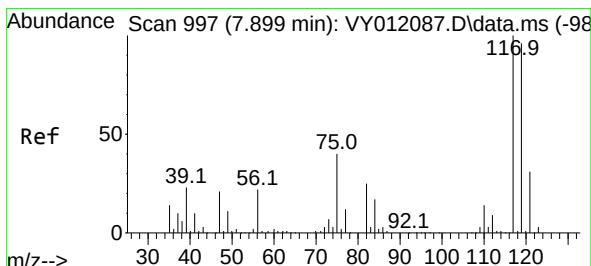
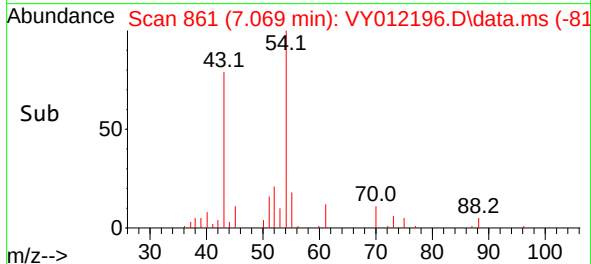
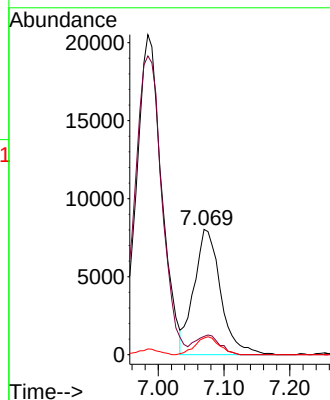
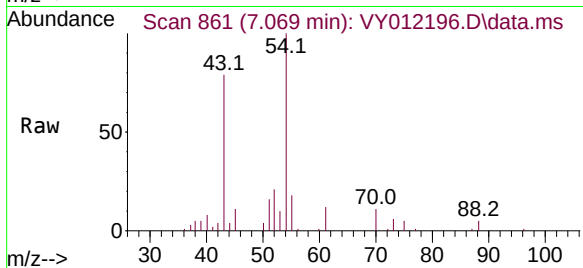
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:	43	Resp:	22554
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	12.9	8.2	12.4



#38

Carbon Tetrachloride

Concen: 20.452 ug/l

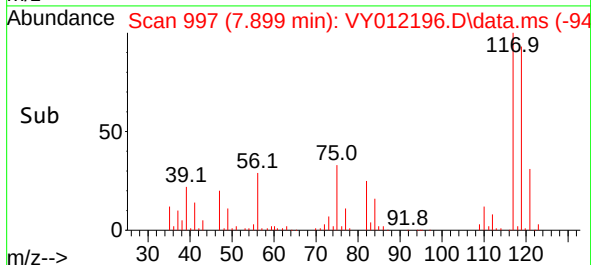
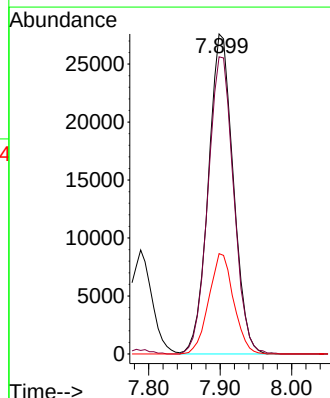
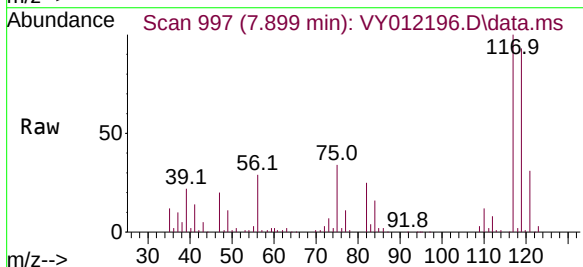
RT: 7.899 min Scan# 997

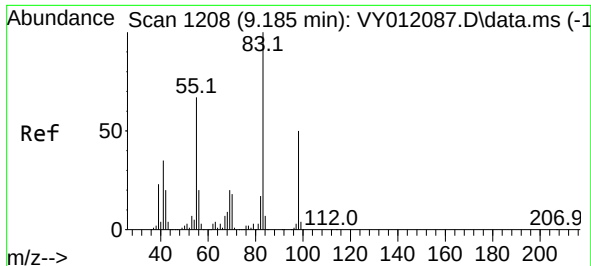
Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Tgt Ion:	117	Resp:	67004
Ion	Ratio	Lower	Upper
117	100		
119	92.8	73.8	110.8
121	31.4	25.2	37.8





#39

Methylcyclohexane

Concen: 20.227 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

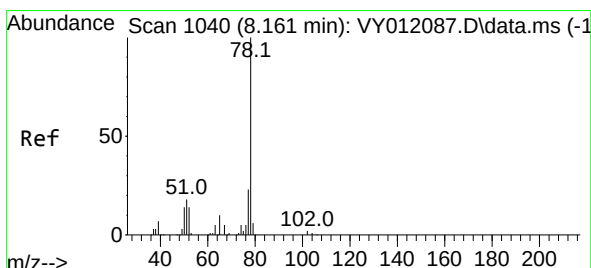
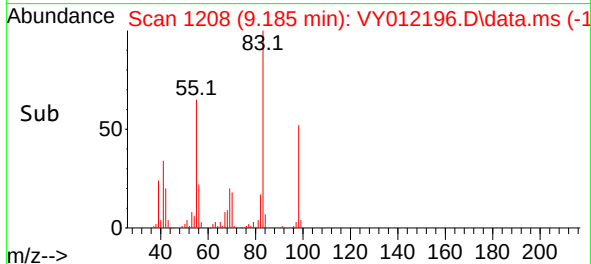
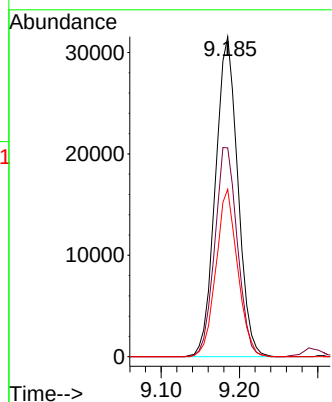
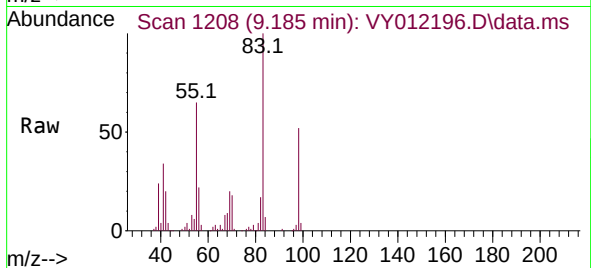
Tgt Ion: 83 Resp: 62705

Ion Ratio Lower Upper

83 100

55 65.3 58.2 87.2

98 52.3 38.6 58.0



#40

Benzene

Concen: 19.975 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012196.D

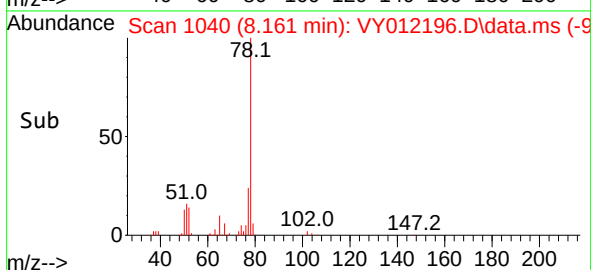
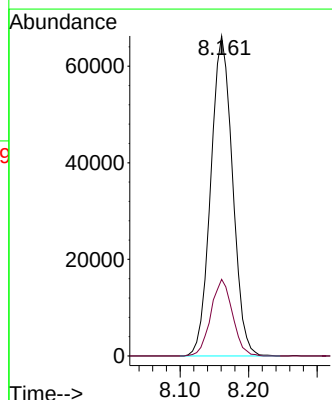
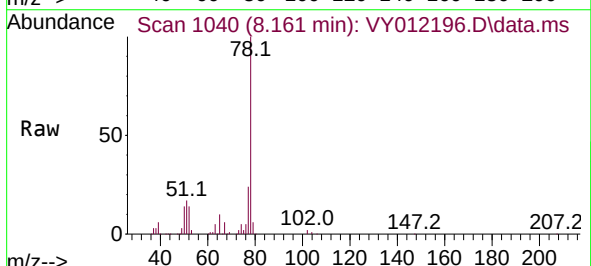
Acq: 16 Jan 2023 13:26

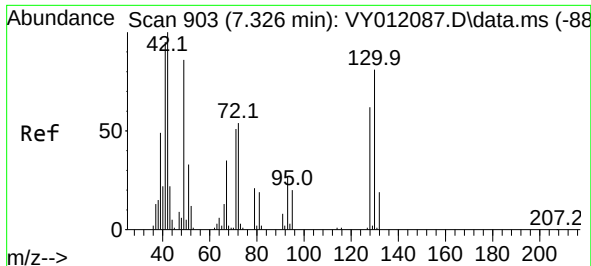
Tgt Ion: 78 Resp: 146247

Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8

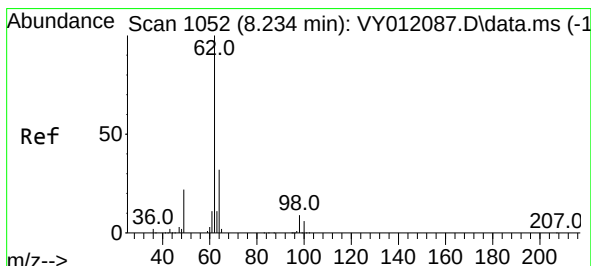
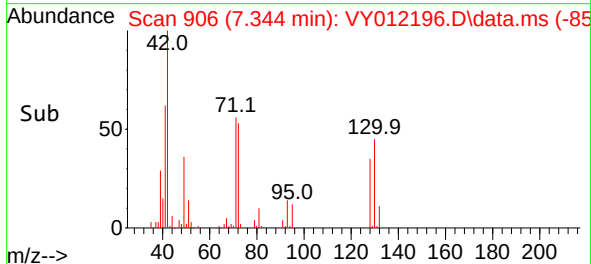
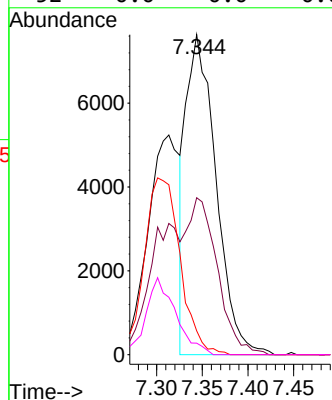
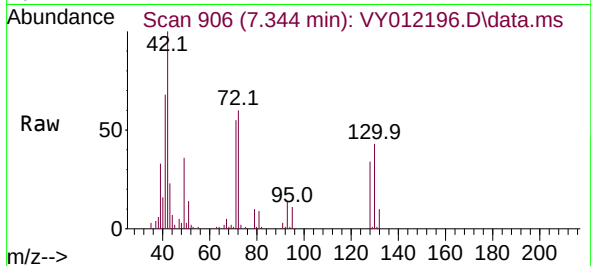




#41
Methacrylonitrile
Concen: 26.506 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

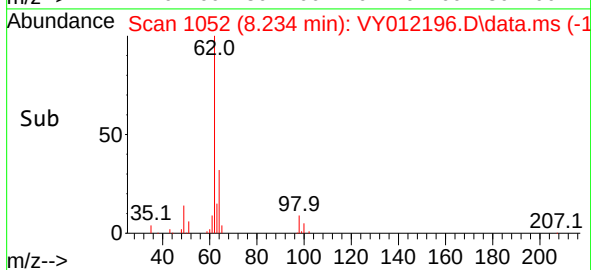
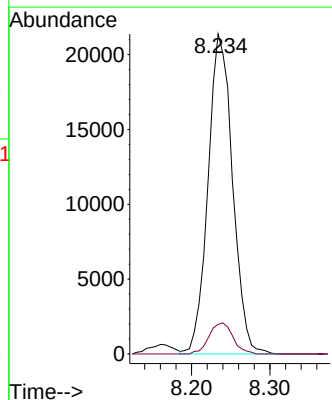
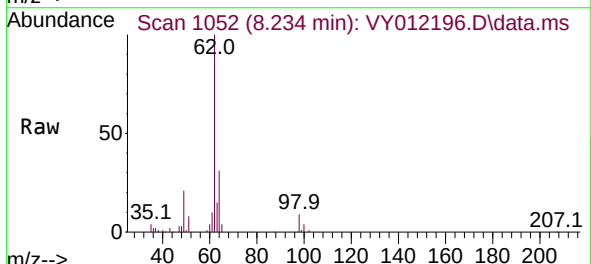
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

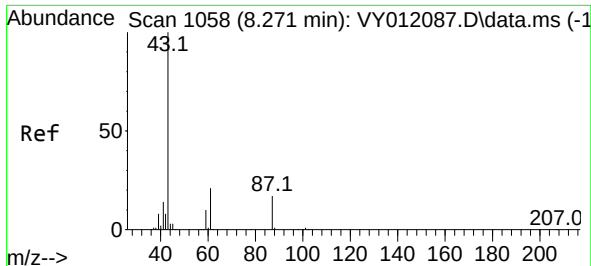
Tgt Ion: 41 Resp: 17423
Ion Ratio Lower Upper
41 100
39 44.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.973 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 62 Resp: 46555
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6

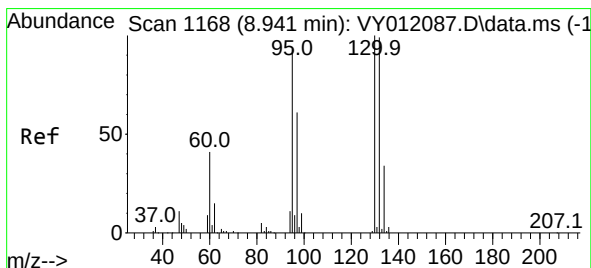
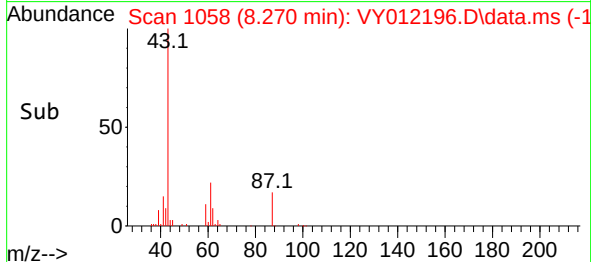
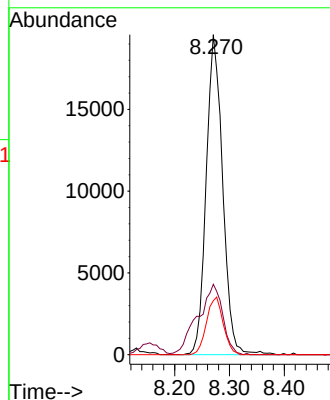
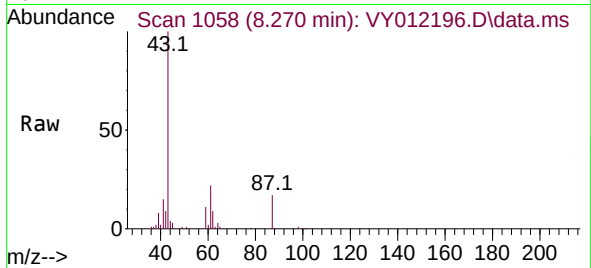




#43
Isopropyl Acetate
Concen: 19.549 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

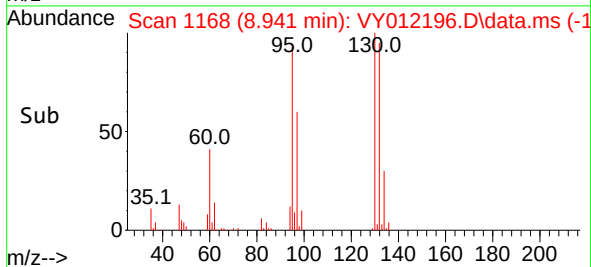
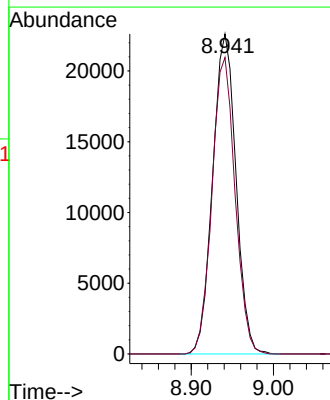
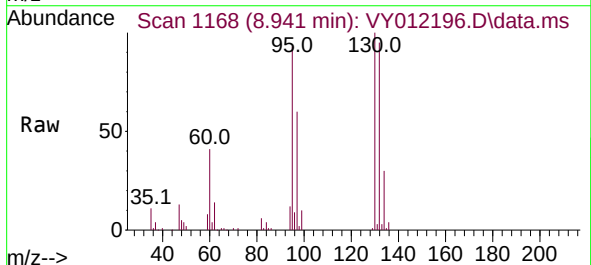
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

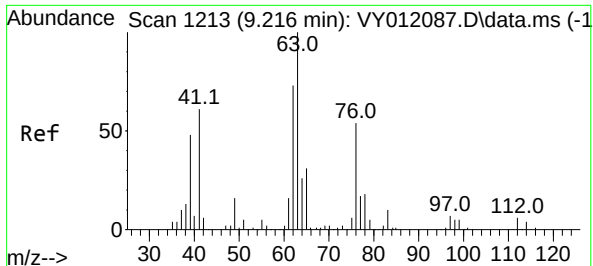
Tgt Ion: 43 Resp: 40673
Ion Ratio Lower Upper
43 100
61 33.3 24.4 36.6
87 18.2 11.4 17.2#



#44
Trichloroethene
Concen: 20.346 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion:130 Resp: 44526
Ion Ratio Lower Upper
130 100
95 92.6 0.0 190.6





#45

1,2-Dichloropropane

Concen: 19.756 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

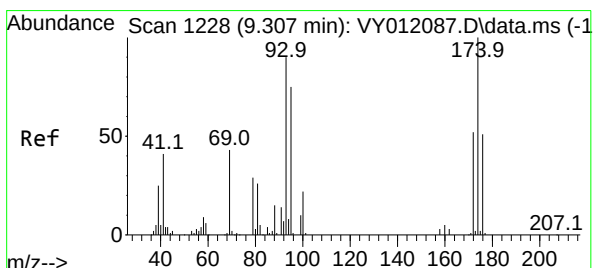
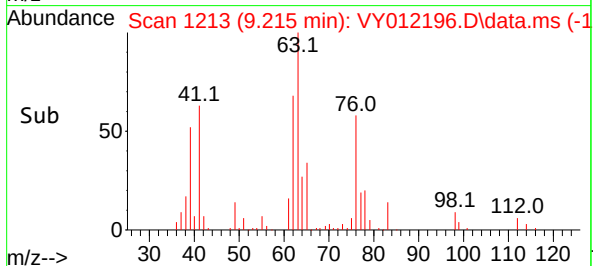
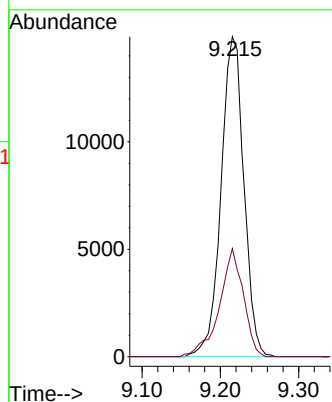
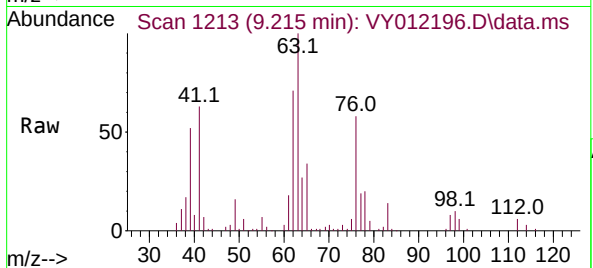
VSTDIC020

Tgt Ion: 63 Resp: 30183

Ion Ratio Lower Upper

63 100

65 33.7 24.9 37.3



#46

Dibromomethane

Concen: 20.040 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

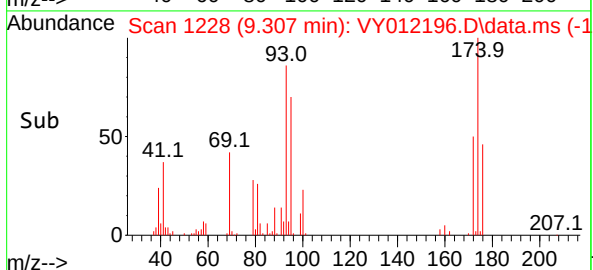
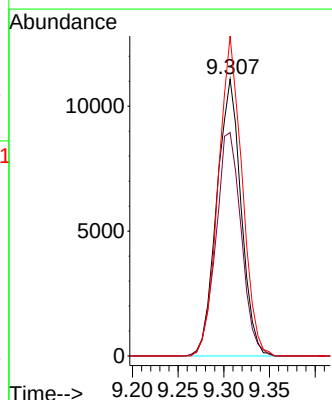
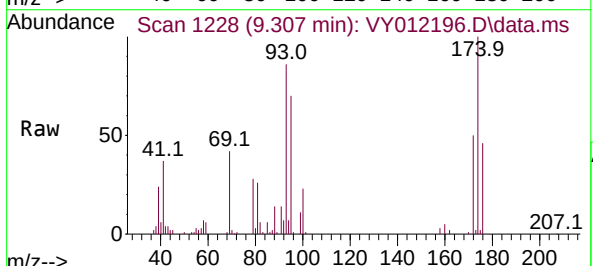
Tgt Ion: 93 Resp: 20496

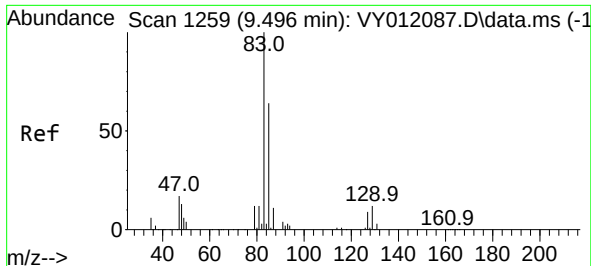
Ion Ratio Lower Upper

93 100

95 83.8 66.1 99.1

174 113.1 84.7 127.1

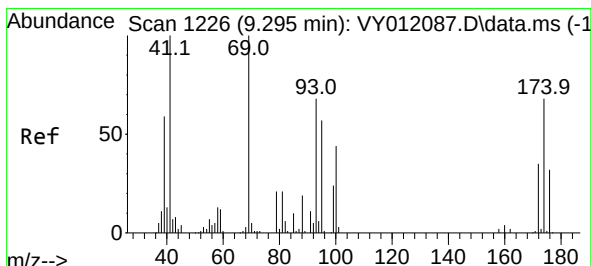
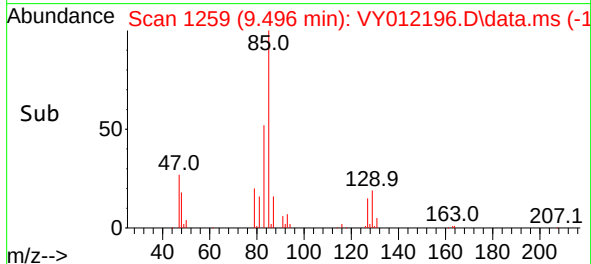
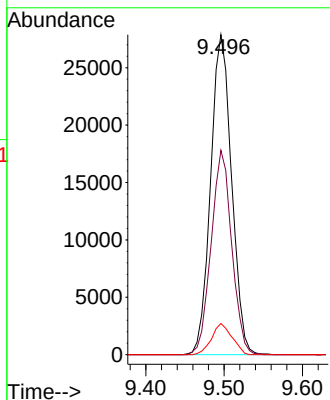
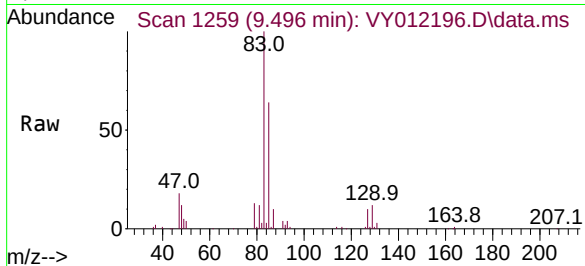




#47
Bromodichloromethane
Concen: 20.143 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

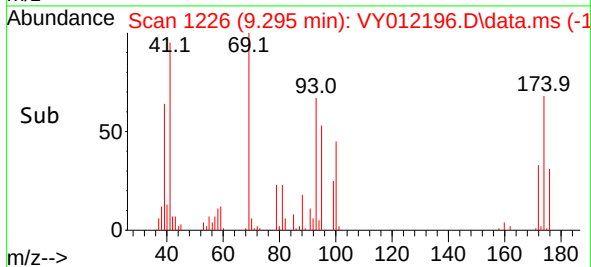
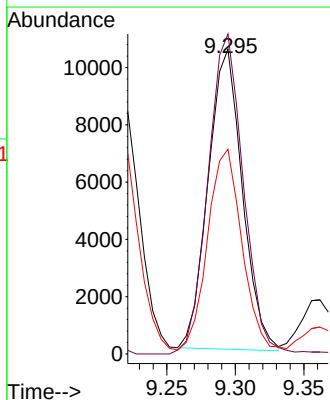
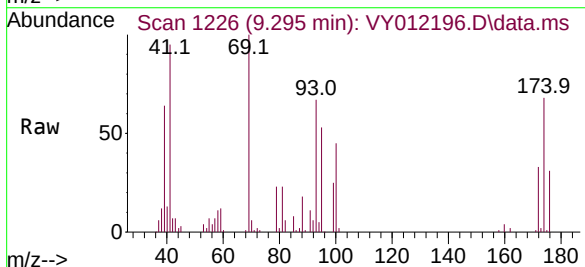
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

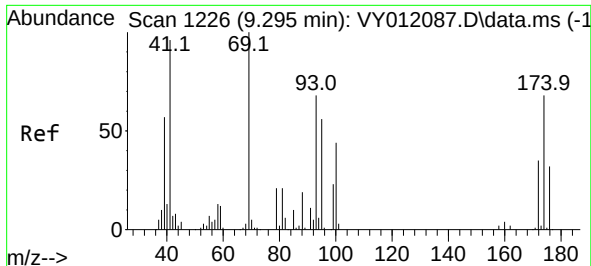
Tgt Ion: 83 Resp: 51858
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0
127 9.8 7.3 10.9



#48
Methyl methacrylate
Concen: 18.958 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 41 Resp: 18174
Ion Ratio Lower Upper
41 100
69 110.5 74.2 111.2
39 70.2 46.3 69.5#





#49

1,4-Dioxane

Concen: 379.725 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

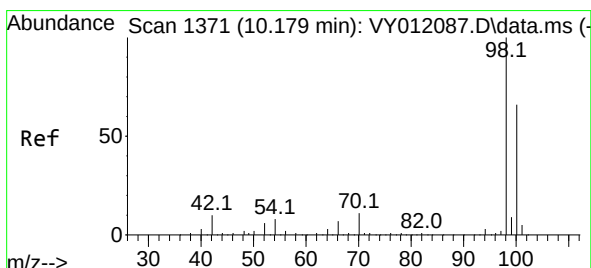
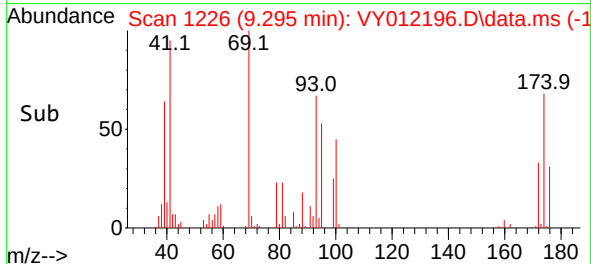
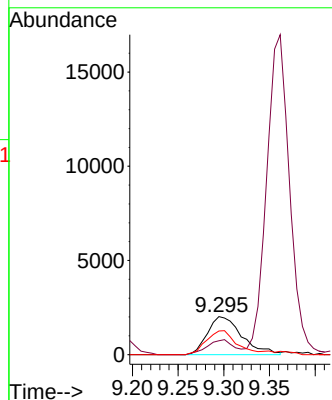
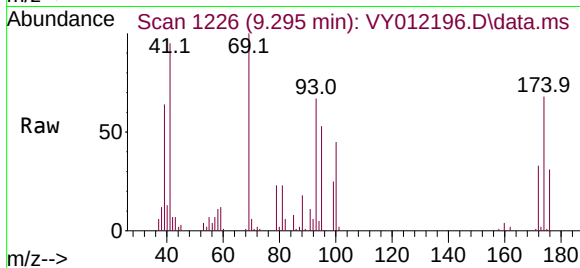
Tgt Ion: 88 Resp: 5292

Ion Ratio Lower Upper

88 100

43 30.1 26.2 39.2

58 62.0 54.3 81.5



#50

Toluene-d8

Concen: 23.786 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012196.D

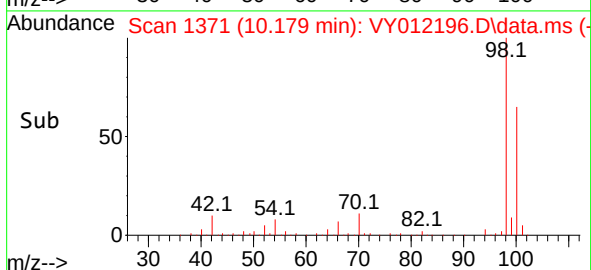
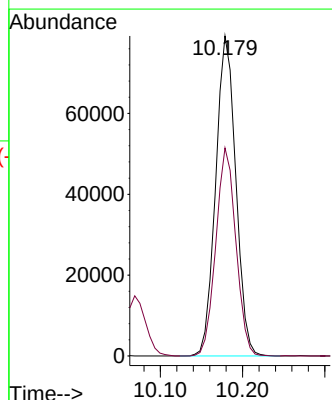
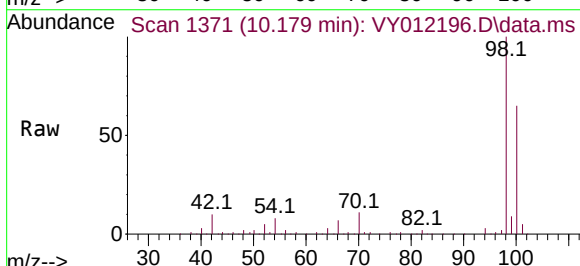
Acq: 16 Jan 2023 13:26

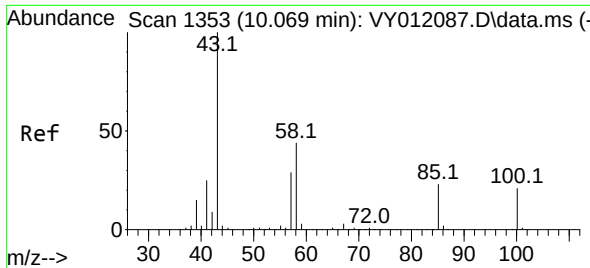
Tgt Ion: 98 Resp: 134756

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9

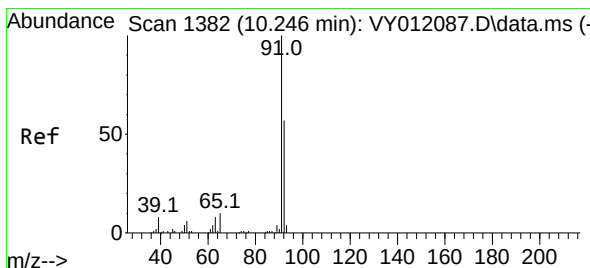
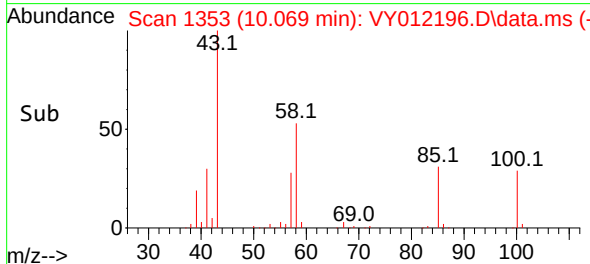
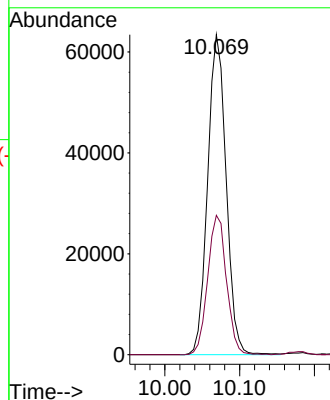
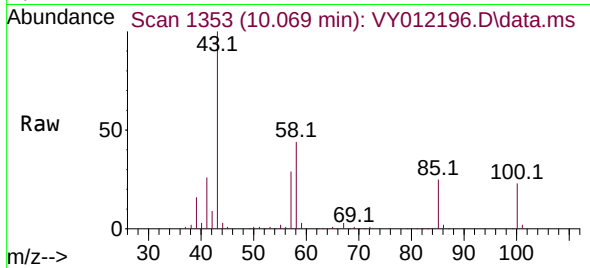




#51
4-Methyl-2-Pentanone
Concen: 98.169 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

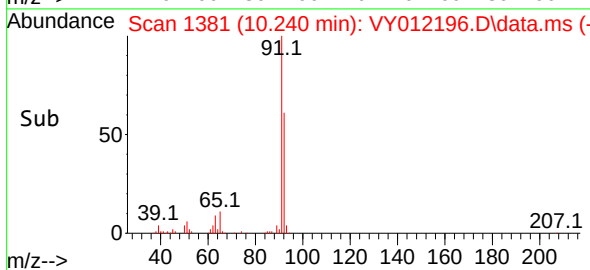
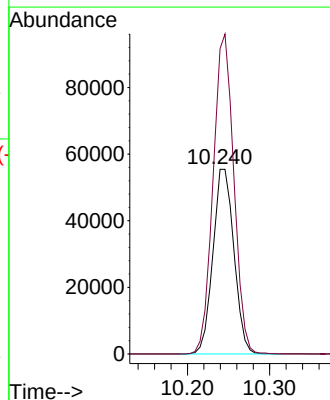
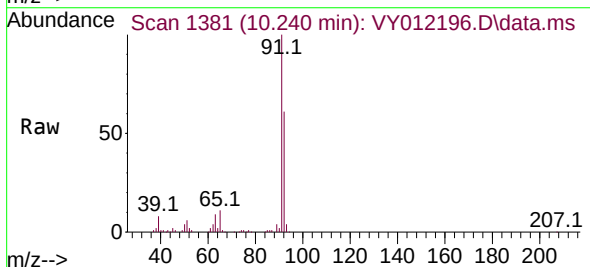
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

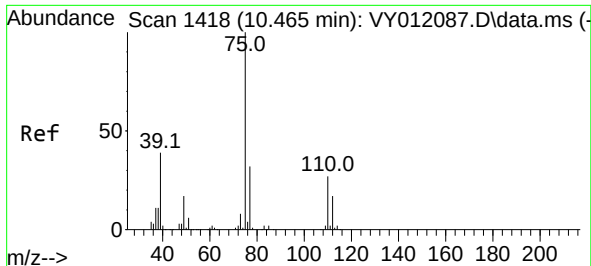
Tgt Ion: 43 Resp: 108911
Ion Ratio Lower Upper
43 100
58 44.3 32.9 49.3



#52
Toluene
Concen: 20.178 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 92 Resp: 98367
Ion Ratio Lower Upper
92 100
91 170.6 137.4 206.0

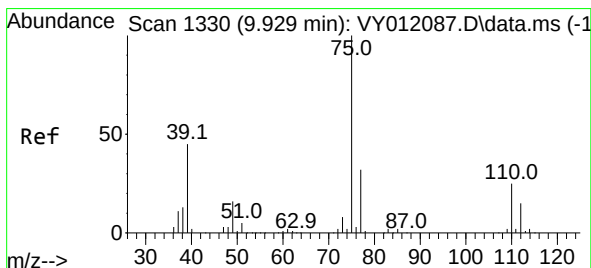
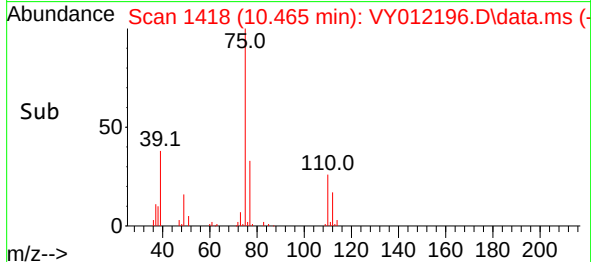
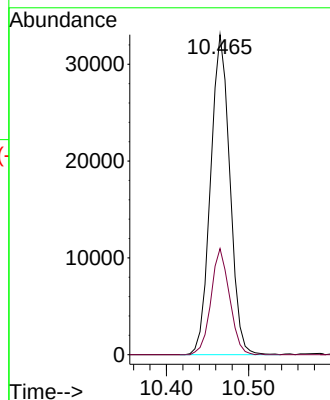
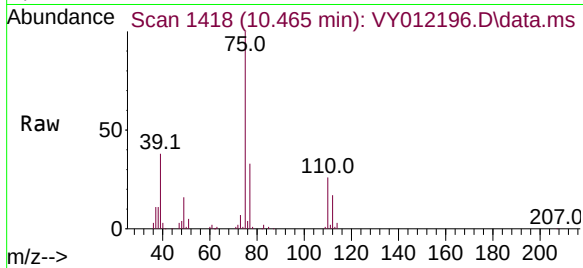




#53
t-1,3-Dichloropropene
Concen: 20.000 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

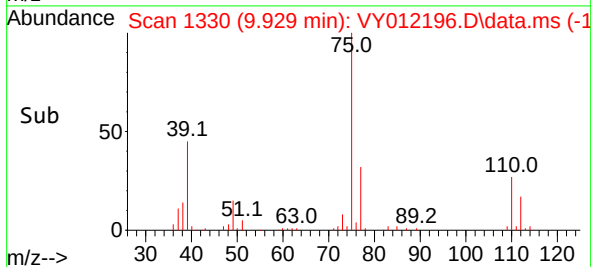
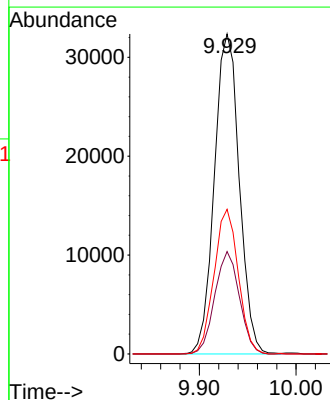
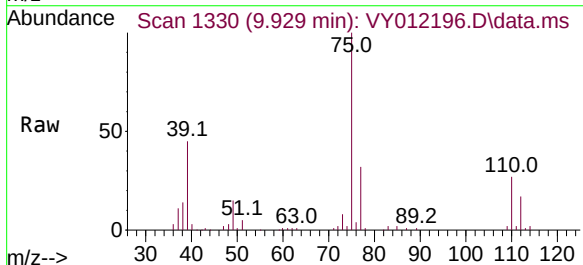
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

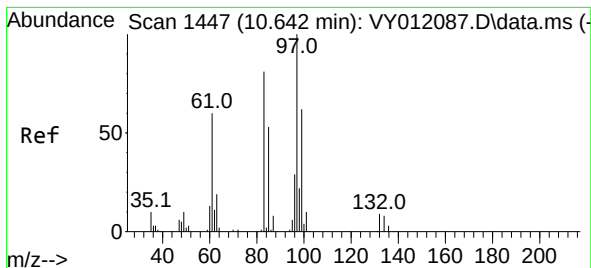
Tgt Ion: 75 Resp: 53860
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 19.967 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 75 Resp: 57907
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9
39 45.2 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 19.800 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 28772

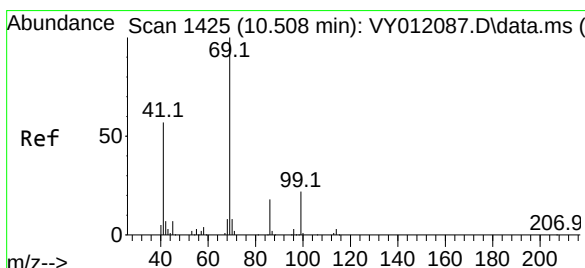
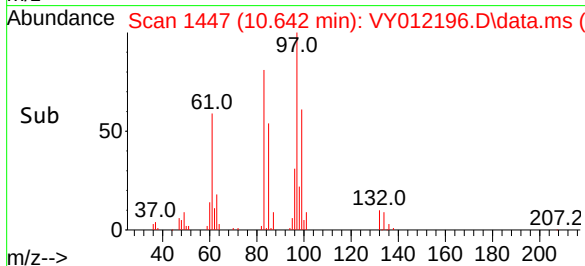
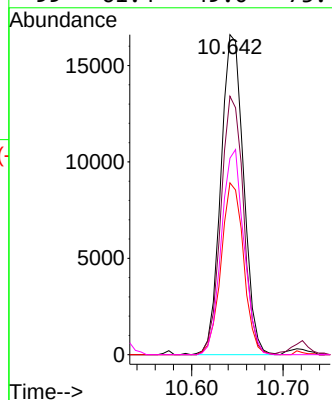
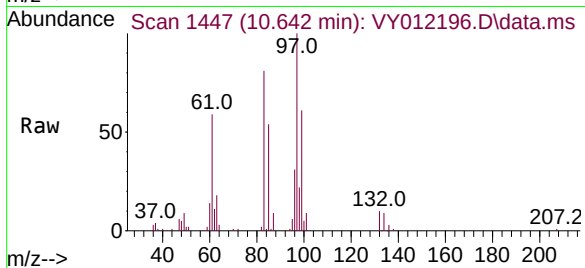
Ion Ratio Lower Upper

97 100

83 80.7 67.7 101.5

85 53.7 43.8 65.8

99 61.4 49.0 73.4



#56

Ethyl methacrylate

Concen: 19.686 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

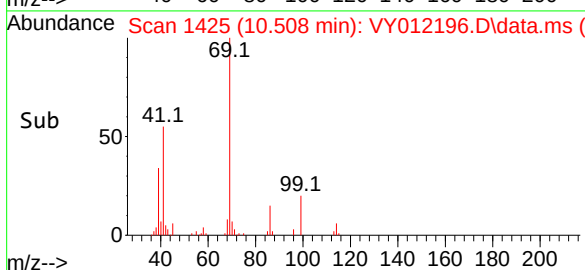
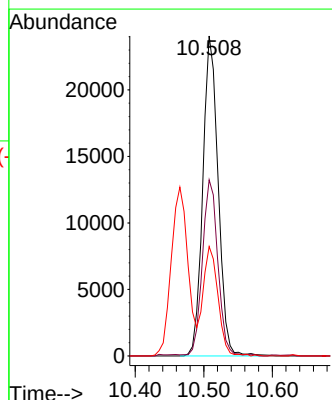
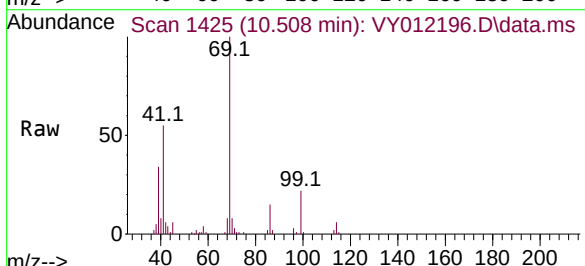
Tgt Ion: 69 Resp: 37529

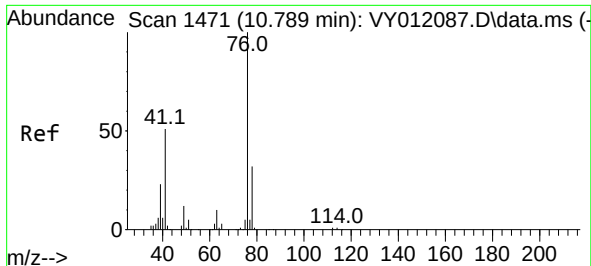
Ion Ratio Lower Upper

69 100

41 55.8 48.9 73.3

39 33.1 25.9 38.9





#57

1,3-Dichloropropane

Concen: 20.055 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

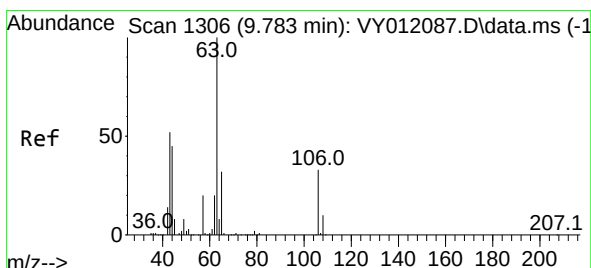
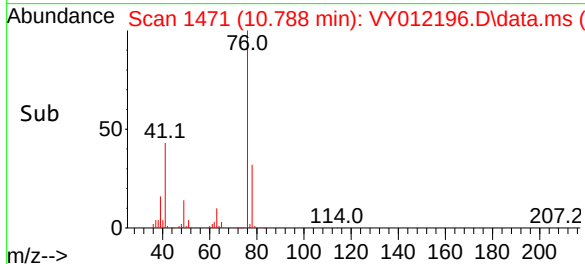
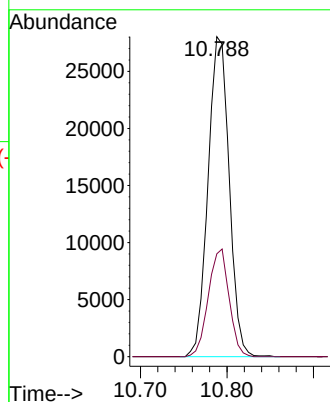
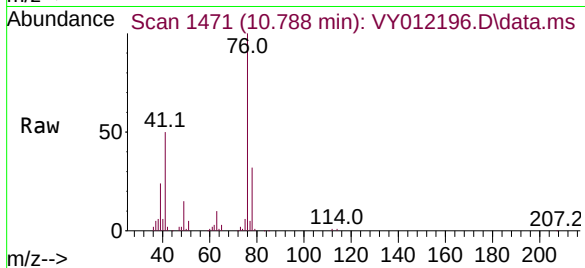
VSTDICC020

Tgt Ion: 76 Resp: 47594

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.399 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012196.D

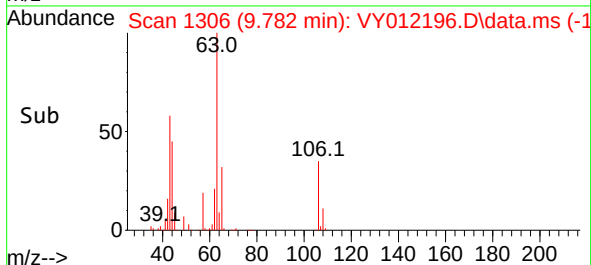
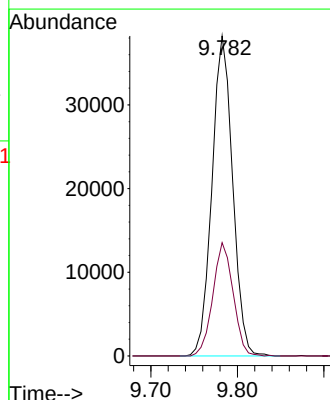
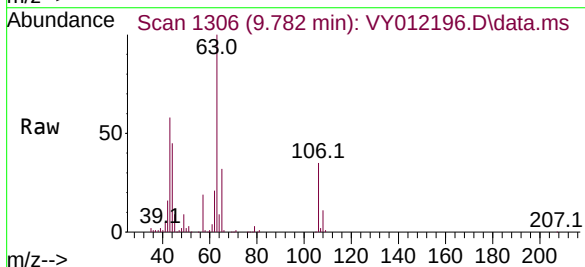
Acq: 16 Jan 2023 13:26

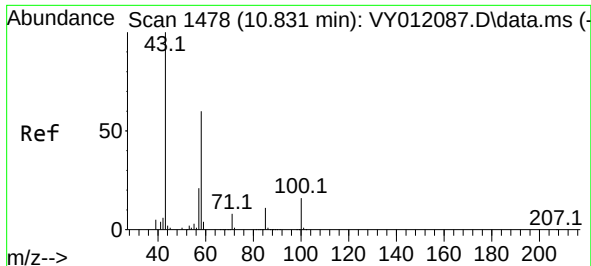
Tgt Ion: 63 Resp: 63331

Ion Ratio Lower Upper

63 100

106 34.8 23.2 34.8

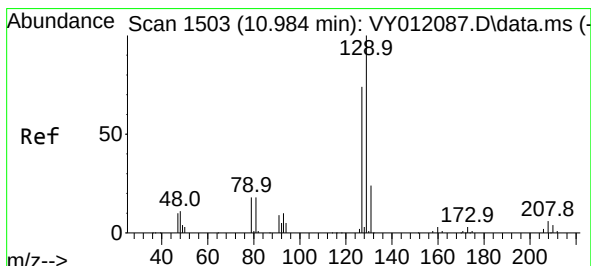
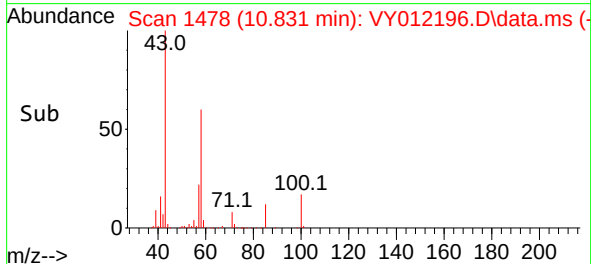
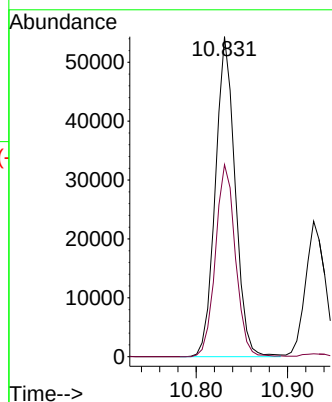
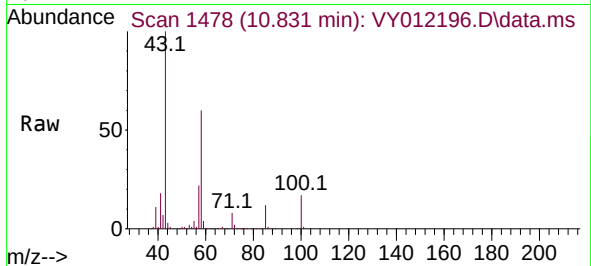




#59
2-Hexanone
Concen: 96.480 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

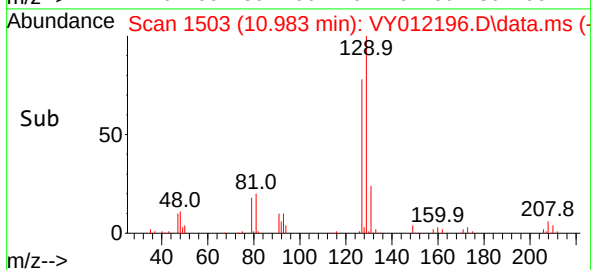
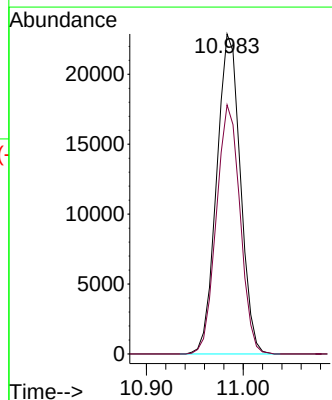
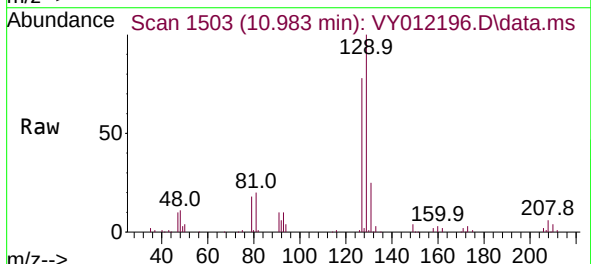
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

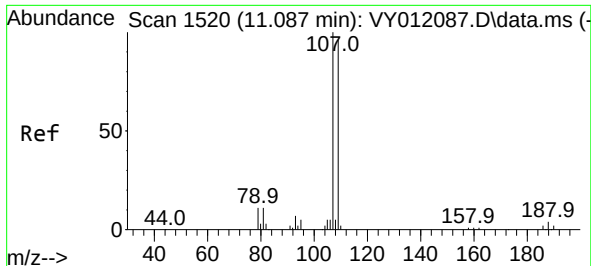
Tgt Ion: 43 Resp: 81493
Ion Ratio Lower Upper
43 100
58 60.7 28.4 85.2



#60
Dibromochloromethane
Concen: 20.174 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 129 Resp: 38881
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6

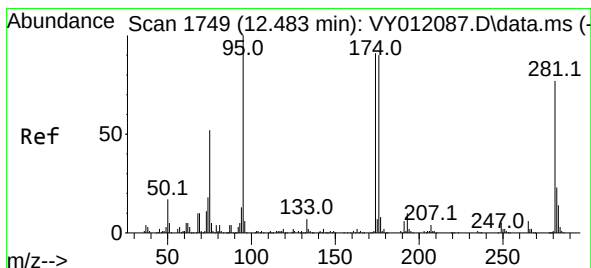
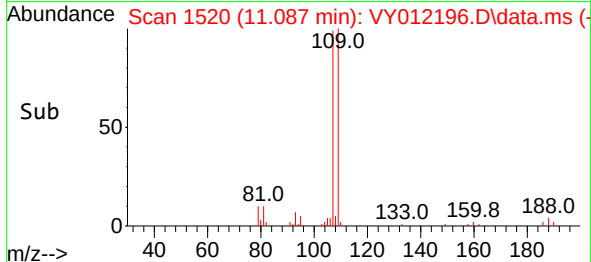
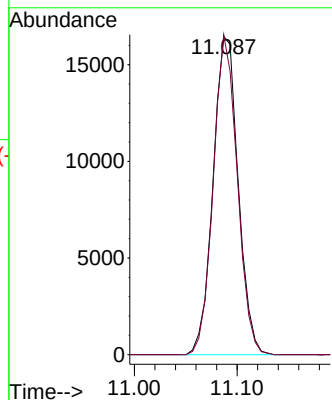
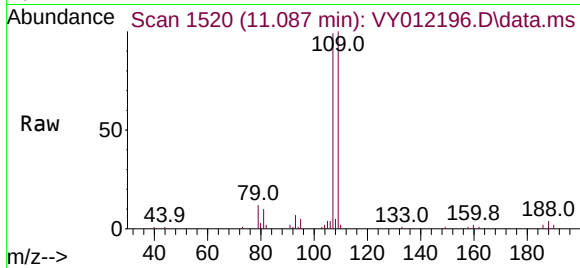




#61
1,2-Dibromoethane
Concen: 19.891 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

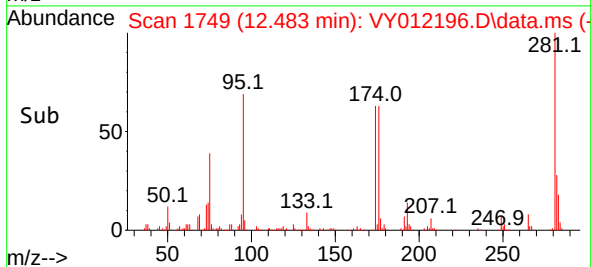
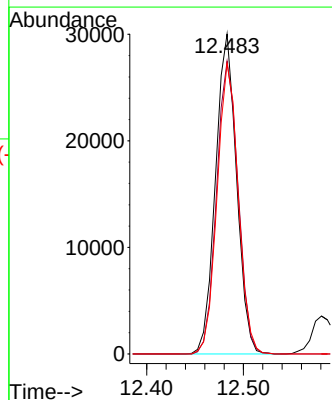
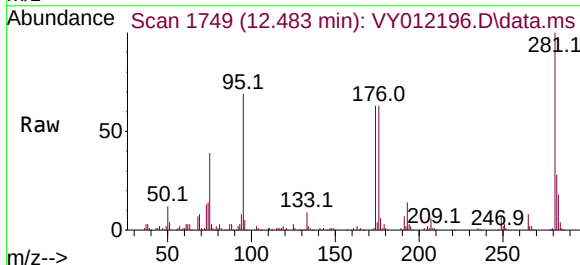
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

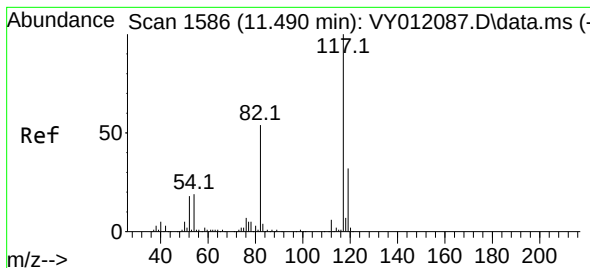
Tgt Ion:107 Resp: 27891
Ion Ratio Lower Upper
107 100
109 95.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 21.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 95 Resp: 45453
Ion Ratio Lower Upper
95 100
174 93.2 0.0 172.0
176 90.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

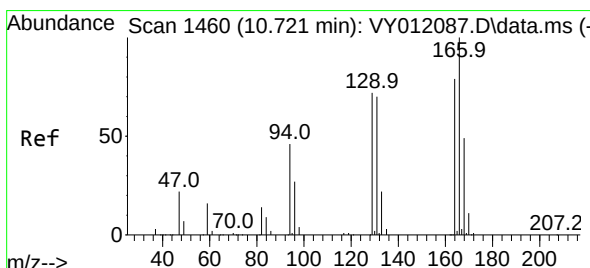
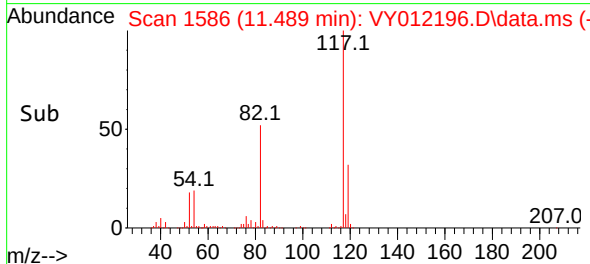
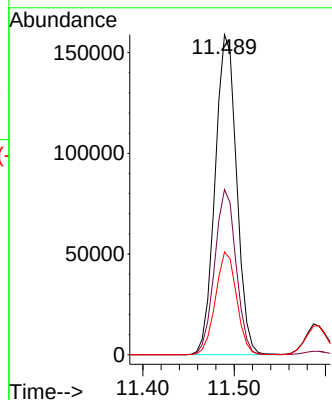
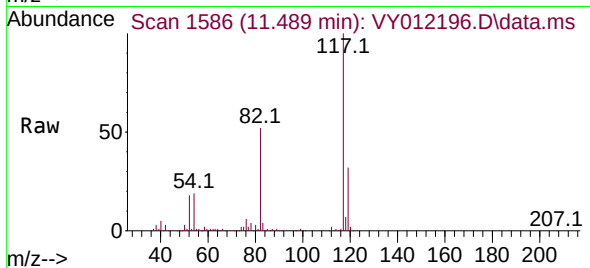
Tgt Ion:117 Resp: 259662

Ion Ratio Lower Upper

117 100

82 51.6 44.8 67.2

119 32.1 25.4 38.2



#64

Tetrachloroethene

Concen: 20.508 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Tgt Ion:164 Resp: 48592

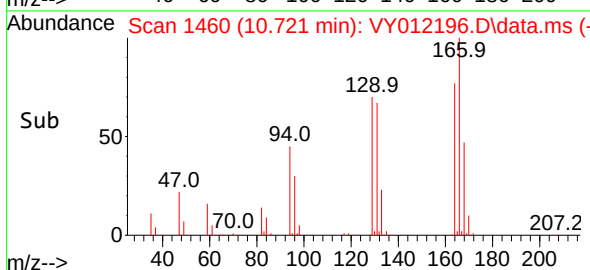
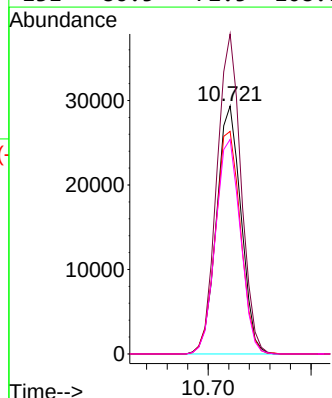
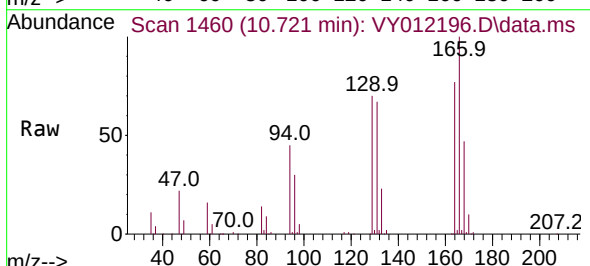
Ion Ratio Lower Upper

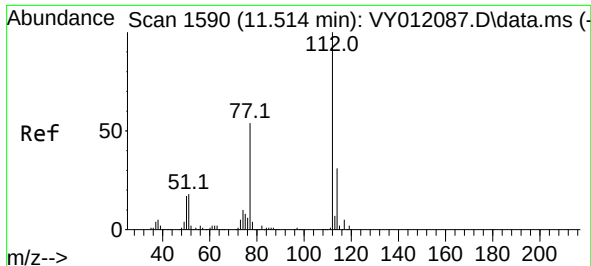
164 100

166 129.1 102.3 153.5

129 89.8 77.2 115.8

131 86.5 72.5 108.7

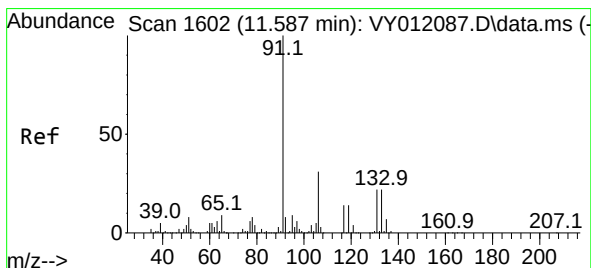
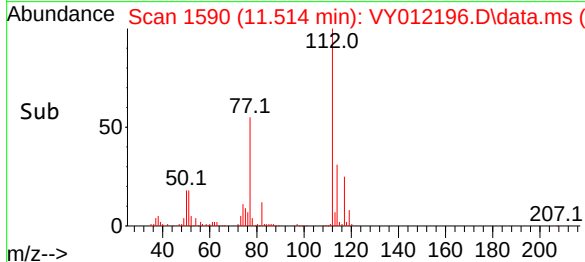
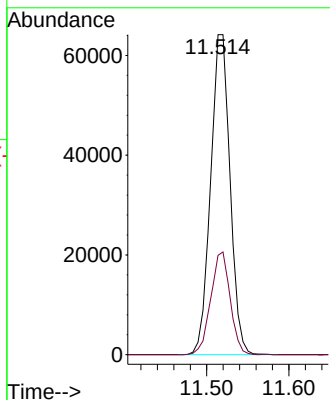
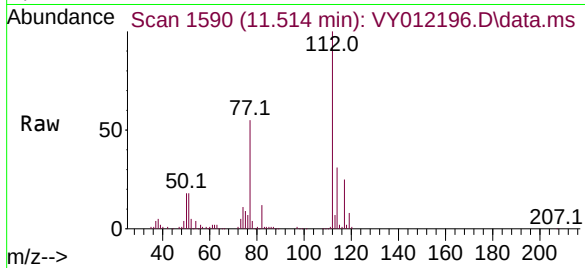




#65
Chlorobenzene
Concen: 19.811 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

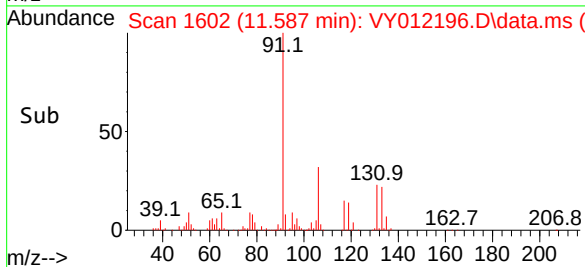
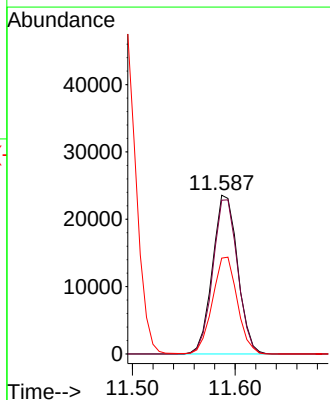
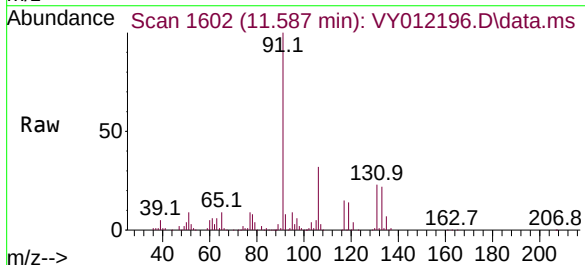
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

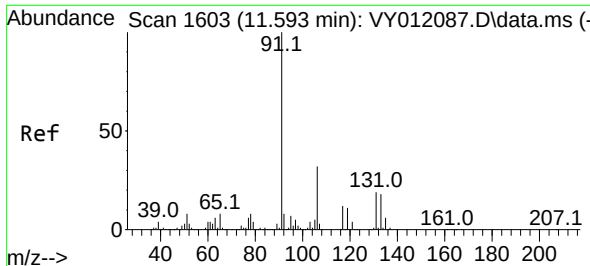
Tgt Ion:112 Resp: 105251
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.999 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion:131 Resp: 40105
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 60.3 32.1 96.3





#67

Ethyl Benzene

Concen: 19.916 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

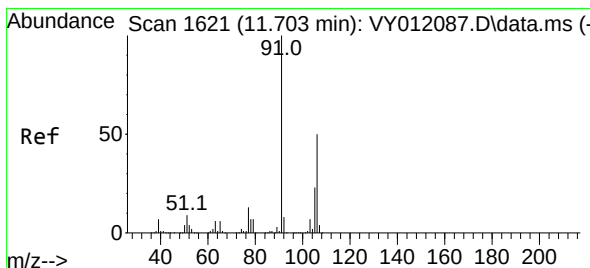
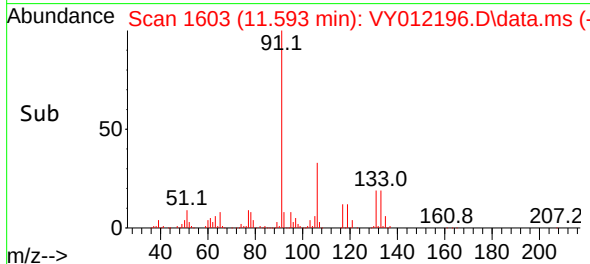
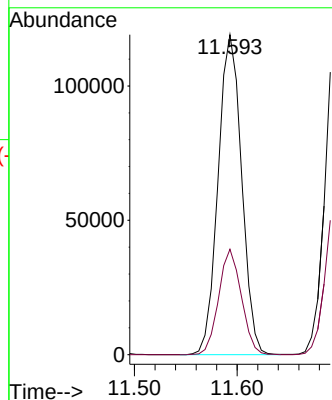
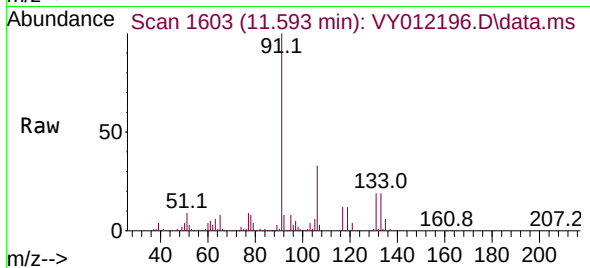
VSTDICC020

Tgt Ion: 91 Resp: 189107

Ion Ratio Lower Upper

91 100

106 33.0 25.0 37.4



#68

m/p-Xylenes

Concen: 40.378 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012196.D

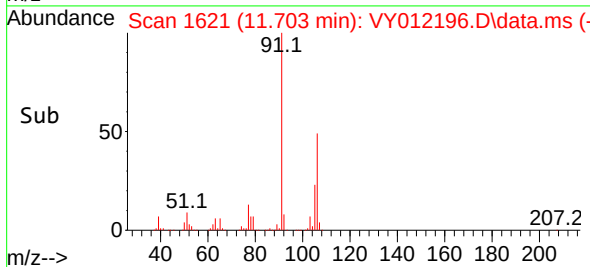
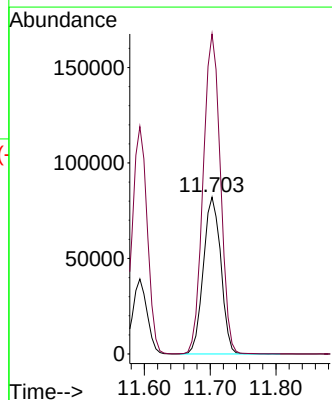
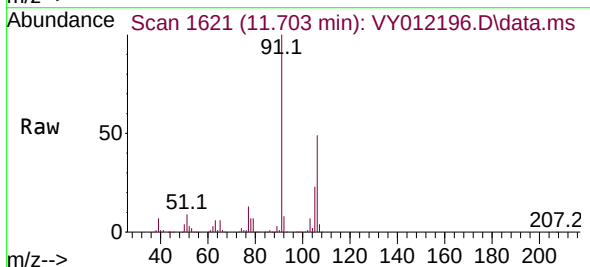
Acq: 16 Jan 2023 13:26

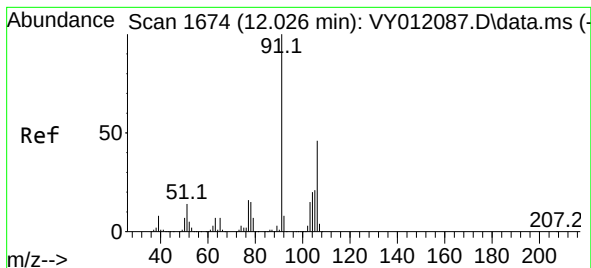
Tgt Ion:106 Resp: 151588

Ion Ratio Lower Upper

106 100

91 201.8 162.5 243.7





#69

o-Xylene

Concen: 20.135 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

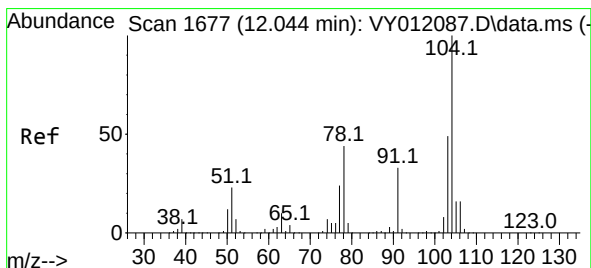
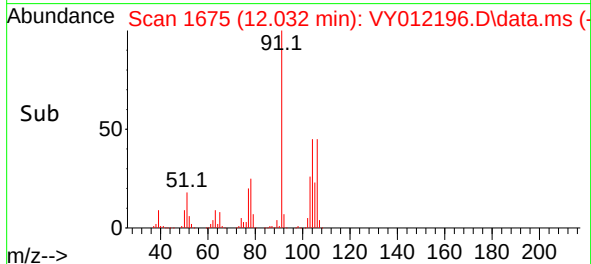
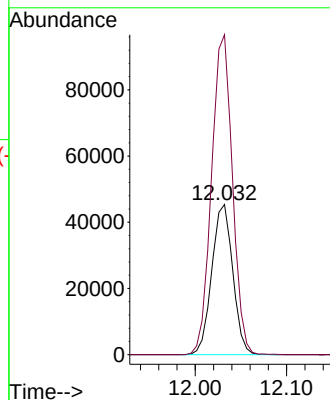
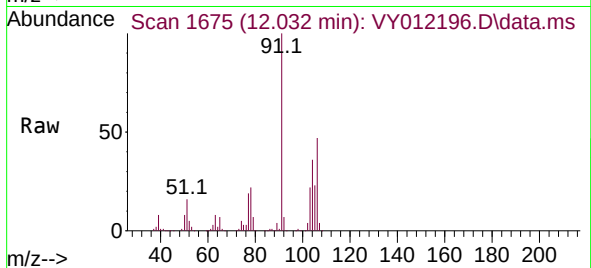
VSTDIC020

Tgt Ion:106 Resp: 72199

Ion Ratio Lower Upper

106 100

91 212.6 107.5 322.4



#70

Styrene

Concen: 20.051 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

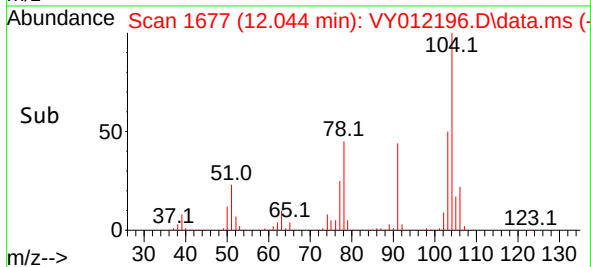
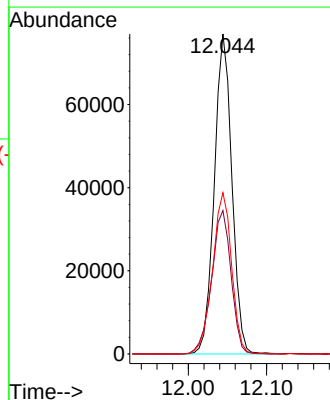
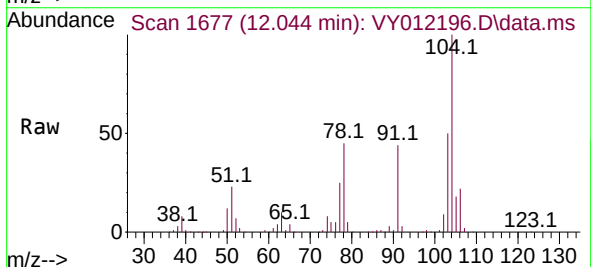
Tgt Ion:104 Resp: 120134

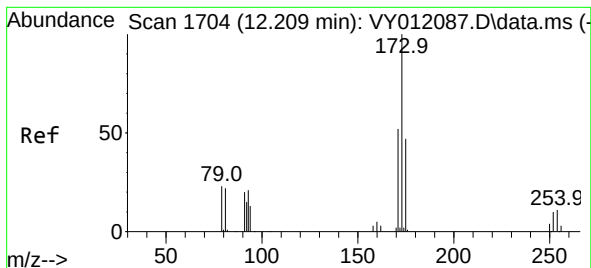
Ion Ratio Lower Upper

104 100

78 49.5 39.4 59.0

103 54.7 43.0 64.4





#71

Bromoform

Concen: 20.307 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

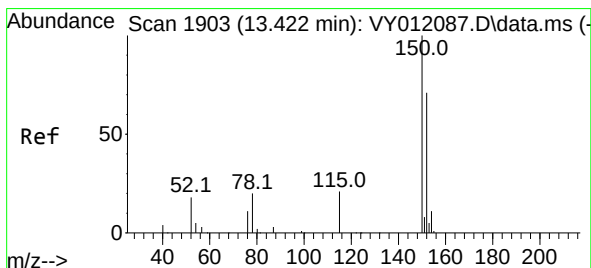
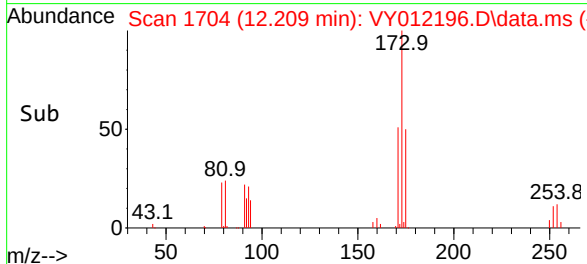
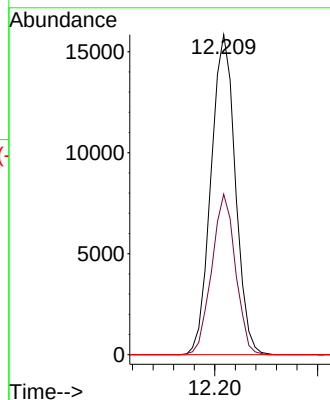
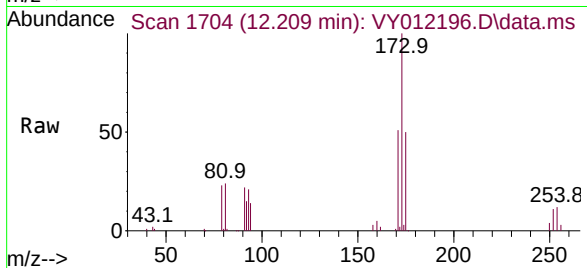
Tgt Ion:173 Resp: 26017

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

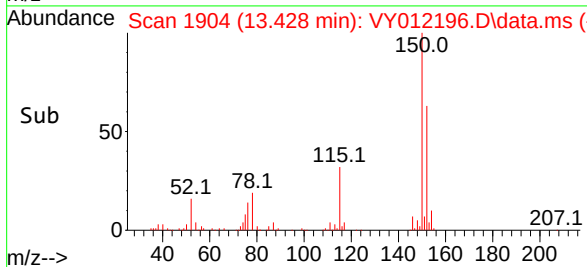
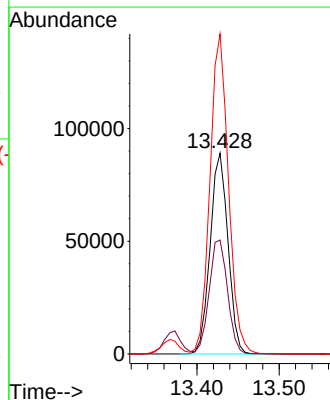
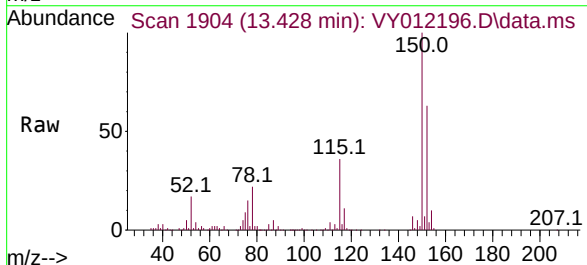
Tgt Ion:152 Resp: 134252

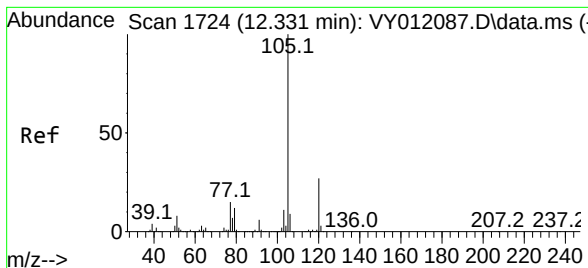
Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 165.1 0.0 342.6





#73

Isopropylbenzene

Concen: 19.993 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

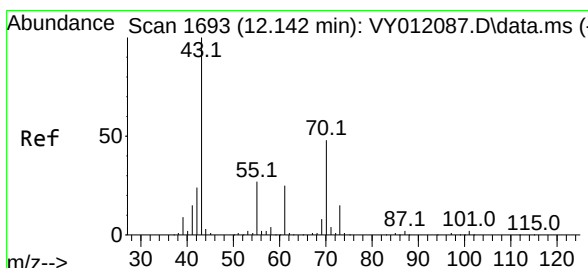
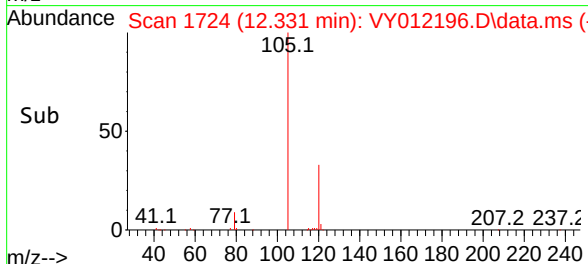
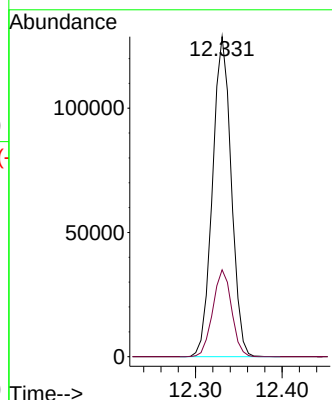
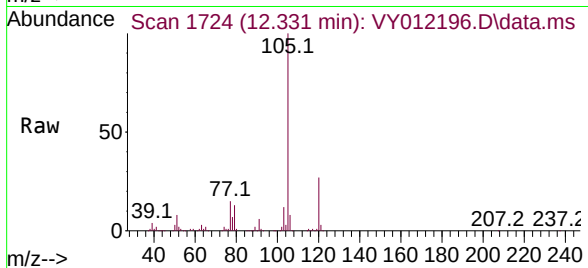
VSTDIC020

Tgt Ion:105 Resp: 193545

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.6



#74

N-ethyl acetate

Concen: 19.212 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Tgt Ion: 43 Resp: 36459

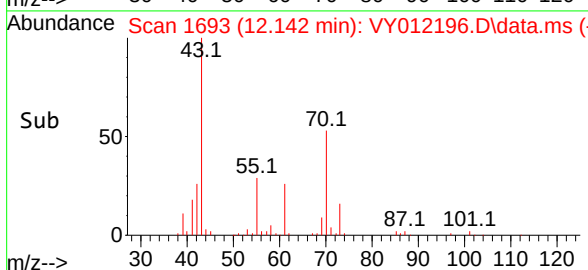
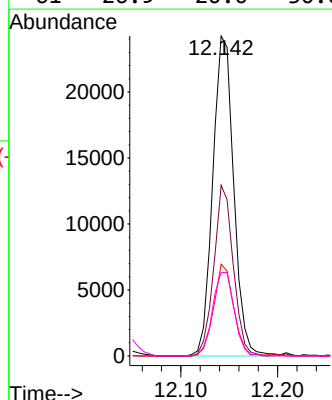
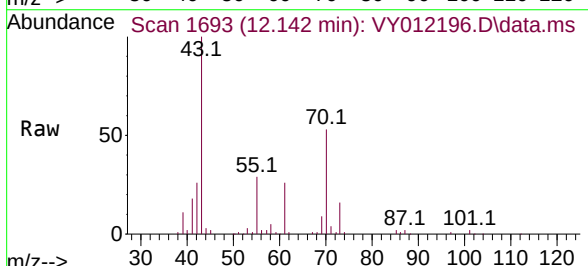
Ion Ratio Lower Upper

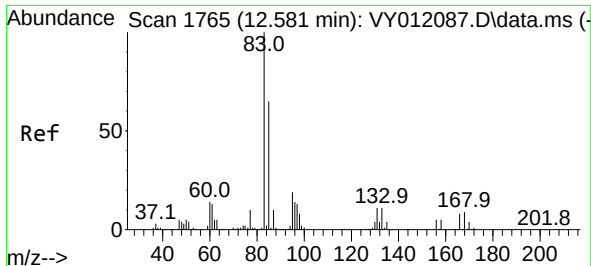
43 100

70 49.4 35.8 53.8

55 27.1 21.0 31.4

61 26.9 20.0 30.0

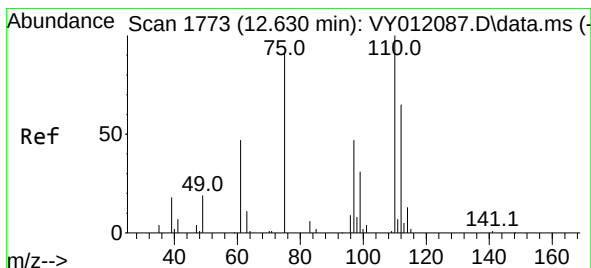
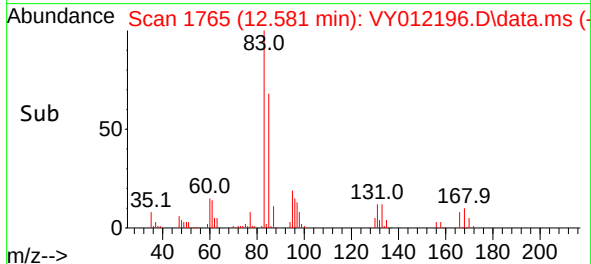
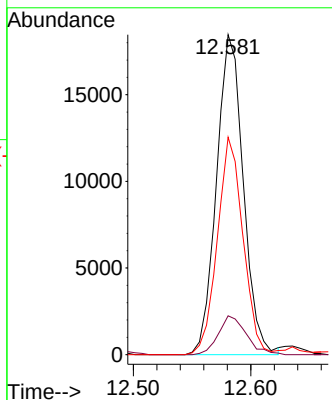
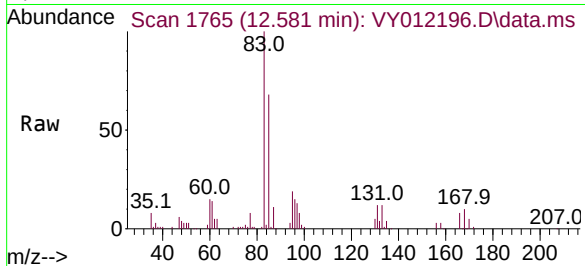




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.233 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012196.D
 Acq: 16 Jan 2023 13:26

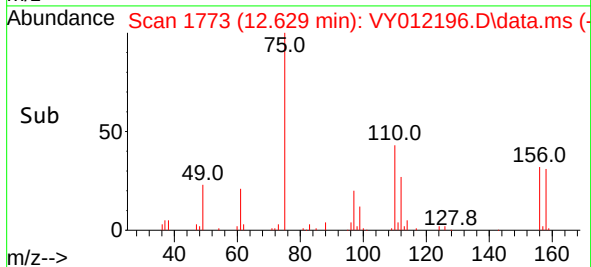
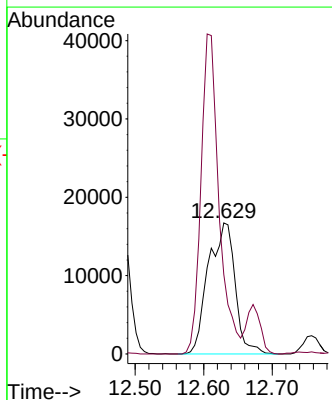
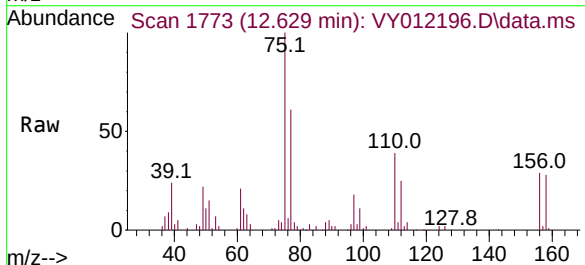
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

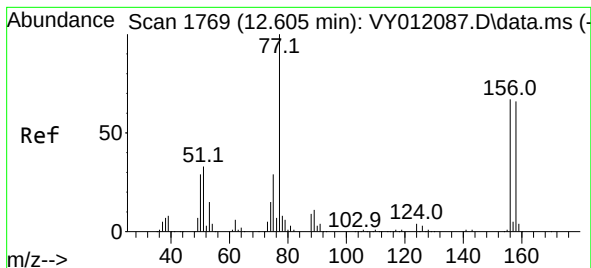
Tgt Ion: 83 Resp: 29327
 Ion Ratio Lower Upper
 83 100
 131 12.7 5.6 16.8
 85 64.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 36.746 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.001 min
 Lab File: VY012196.D
 Acq: 16 Jan 2023 13:26

Tgt Ion: 75 Resp: 45363
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.559 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

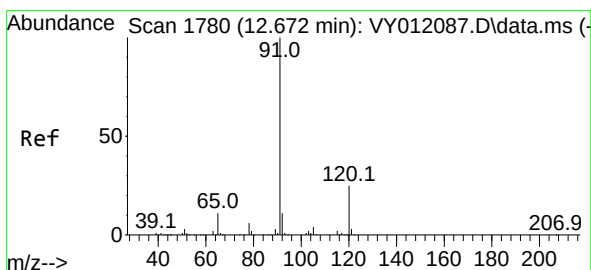
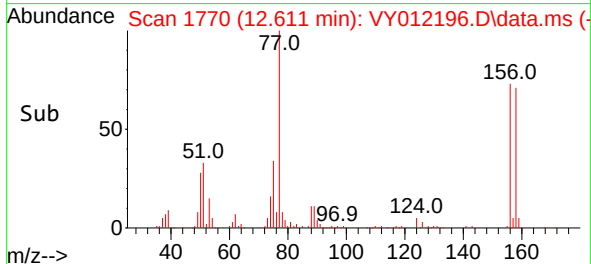
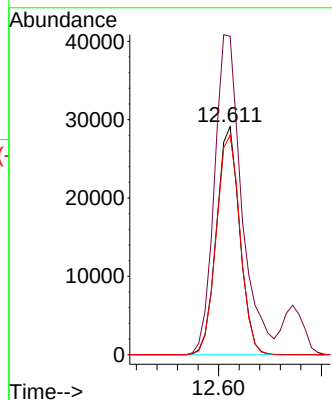
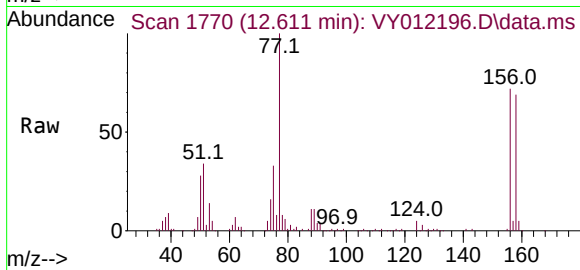
Tgt Ion:156 Resp: 45561

Ion Ratio Lower Upper

156 100

77 164.7 90.0 270.0

158 98.4 48.4 145.2



#78

n-propylbenzene

Concen: 20.029 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012196.D

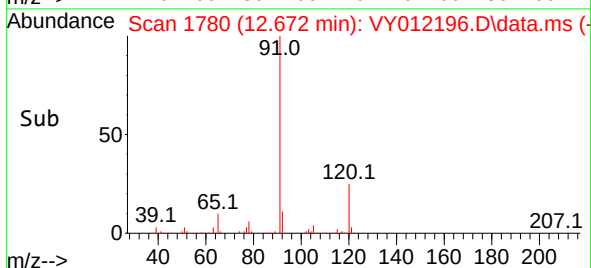
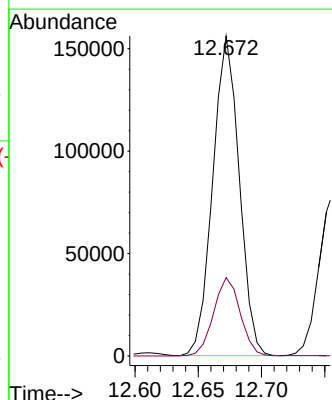
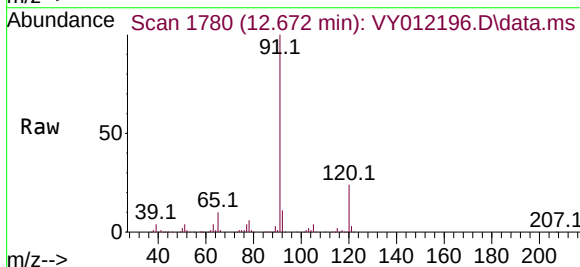
Acq: 16 Jan 2023 13:26

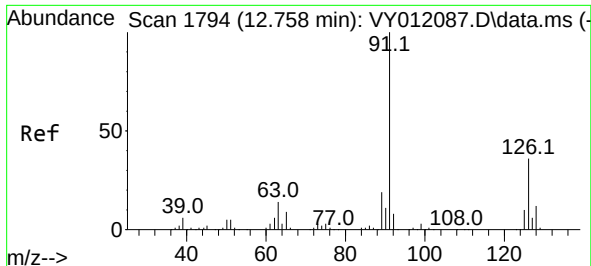
Tgt Ion: 91 Resp: 226889

Ion Ratio Lower Upper

91 100

120 24.6 11.8 35.4

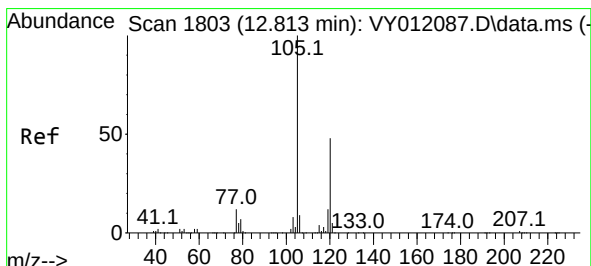
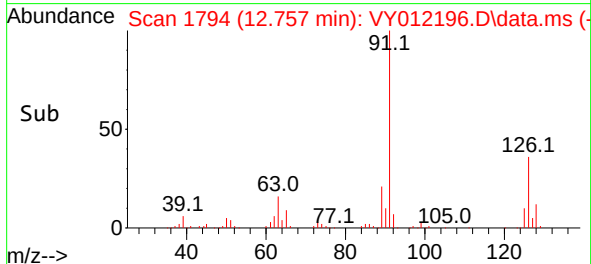
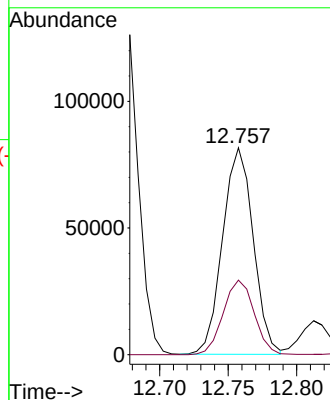
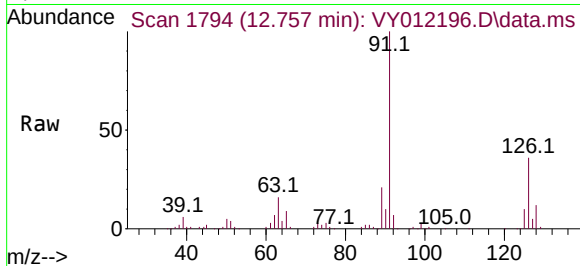




#79
2-Chlorotoluene
Concen: 19.830 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

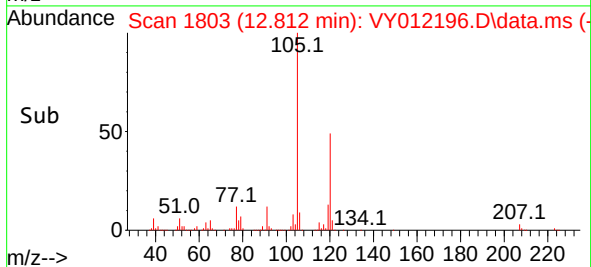
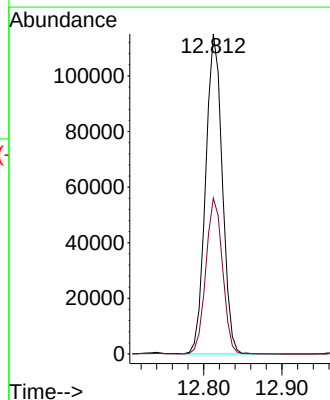
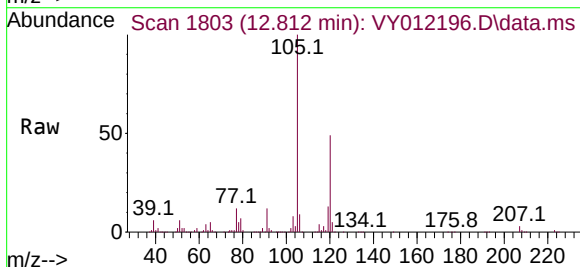
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

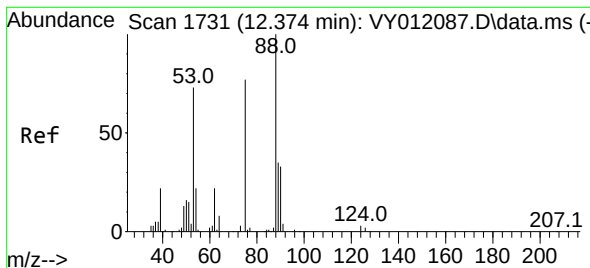
Tgt Ion: 91 Resp: 127009
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 20.126 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 105 Resp: 169371
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6

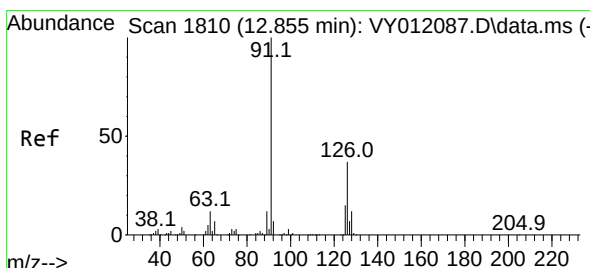
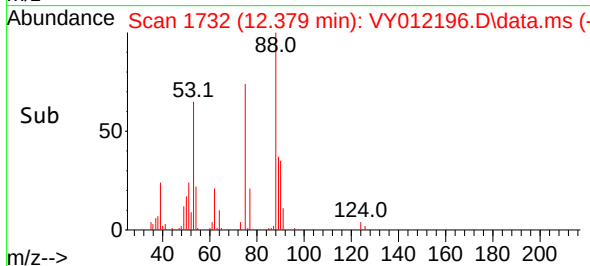
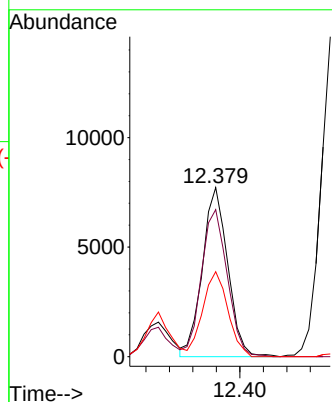
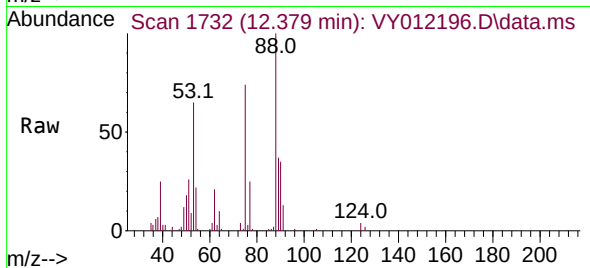




#81
trans-1,4-Dichloro-2-butene
Concen: 19.301 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.005 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

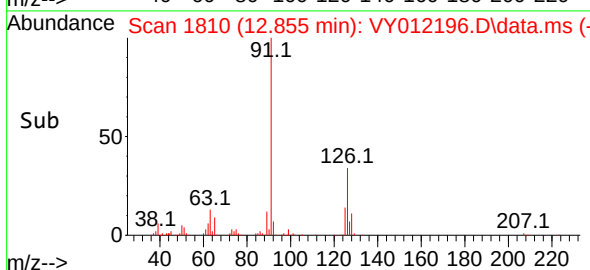
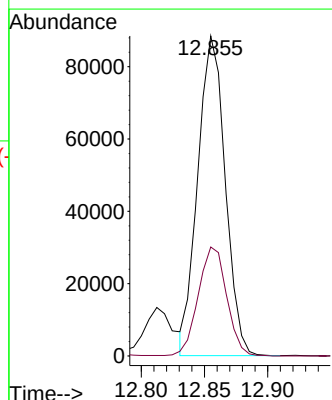
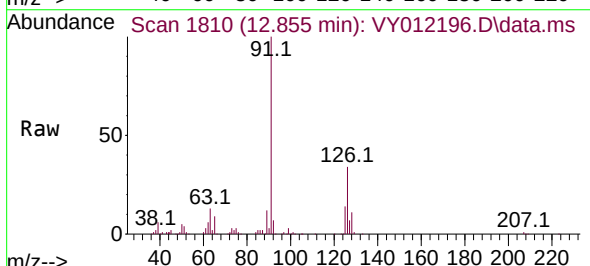
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

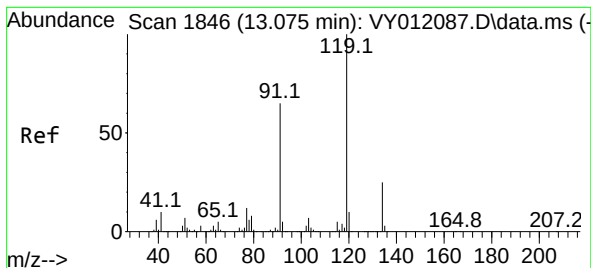
Tgt Ion: 75 Resp: 11564
Ion Ratio Lower Upper
75 100
53 89.0 72.5 108.7
89 49.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.842 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 91 Resp: 133493
Ion Ratio Lower Upper
91 100
126 35.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.408 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

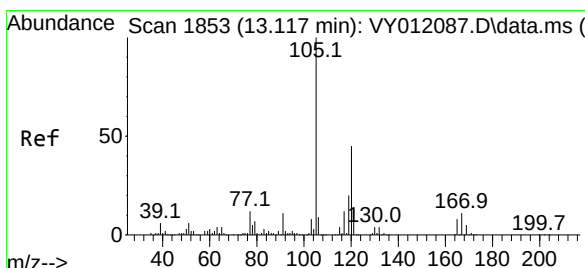
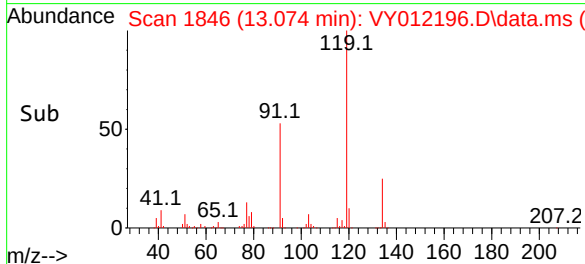
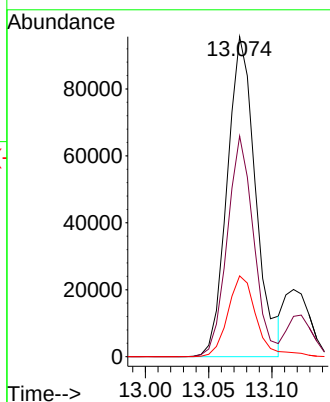
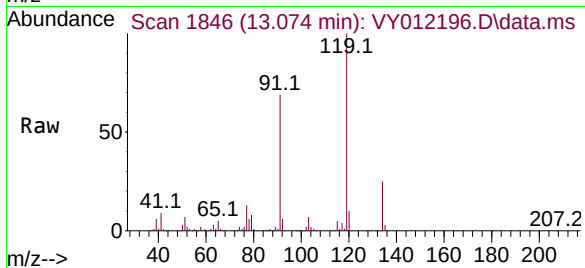
Tgt Ion:119 Resp: 149692

Ion Ratio Lower Upper

119 100

91 64.3 32.3 96.8

134 25.4 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.232 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012196.D

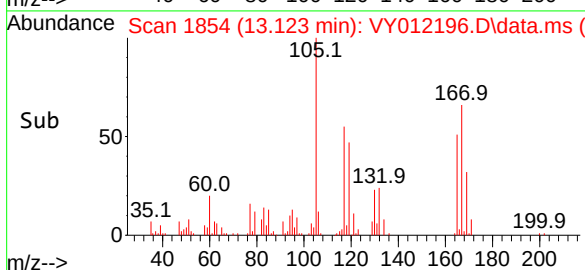
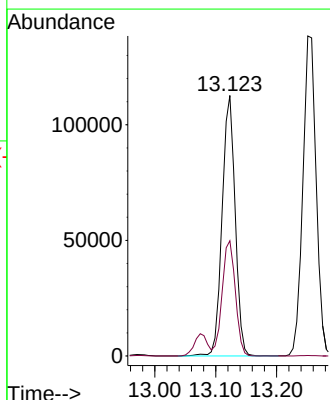
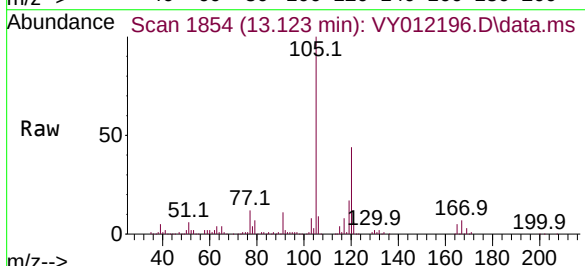
Acq: 16 Jan 2023 13:26

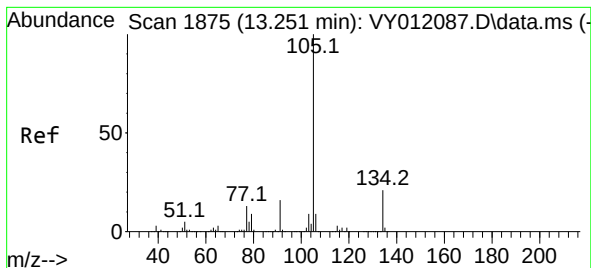
Tgt Ion:105 Resp: 167914

Ion Ratio Lower Upper

105 100

120 44.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.116 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

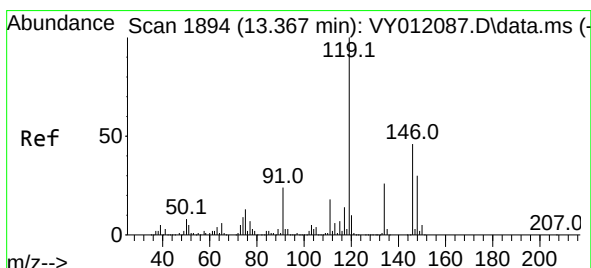
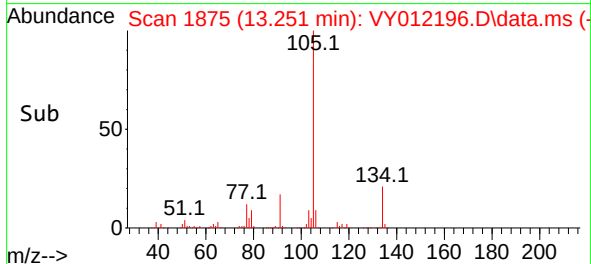
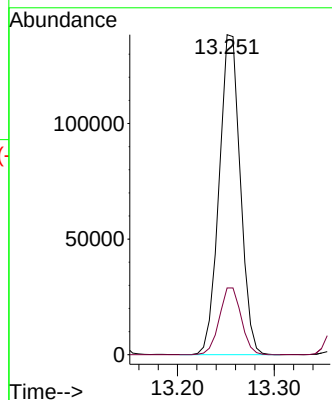
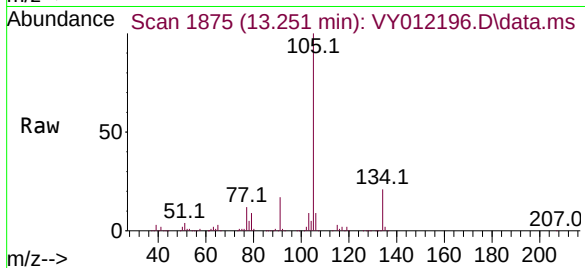
VSTDIC020

Tgt Ion:105 Resp: 210069

Ion Ratio Lower Upper

105 100

134 21.5 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.284 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

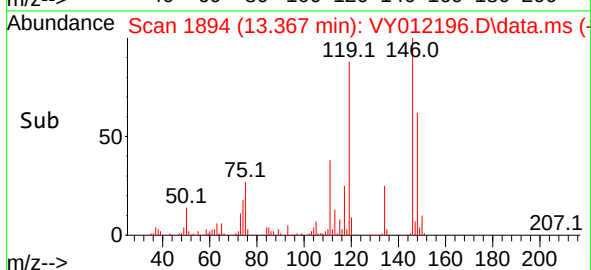
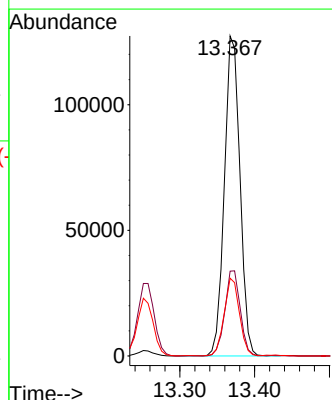
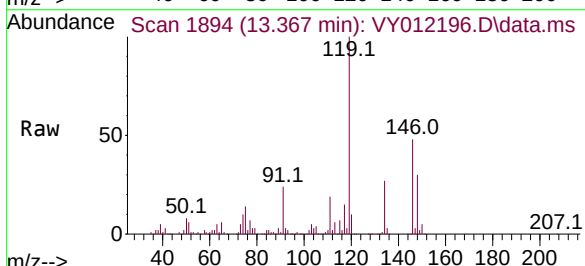
Tgt Ion:119 Resp: 185077

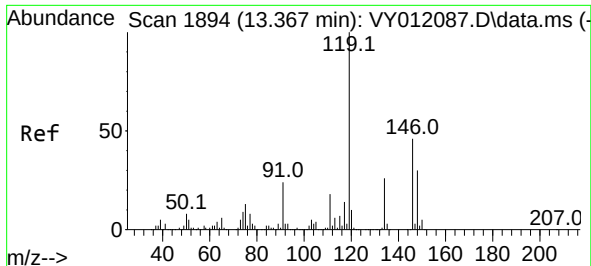
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.126 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

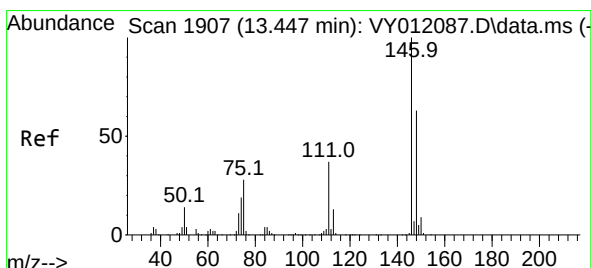
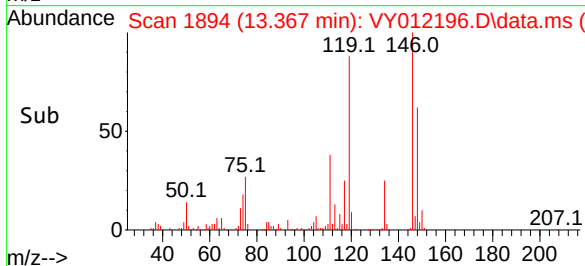
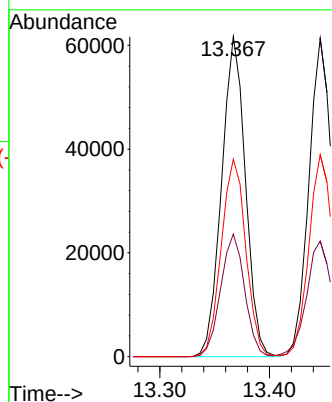
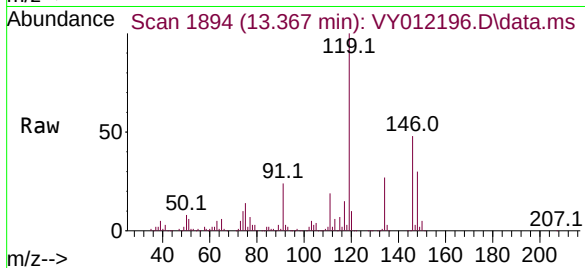
Tgt Ion:146 Resp: 93243

Ion Ratio Lower Upper

146 100

111 38.5 19.7 59.0

148 63.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.702 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

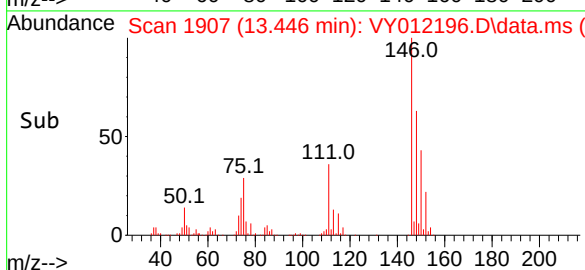
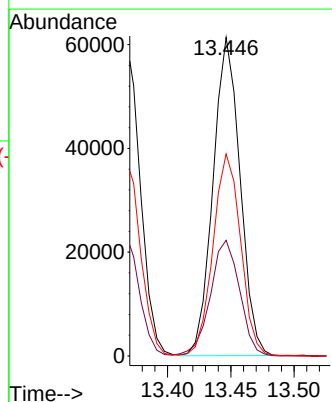
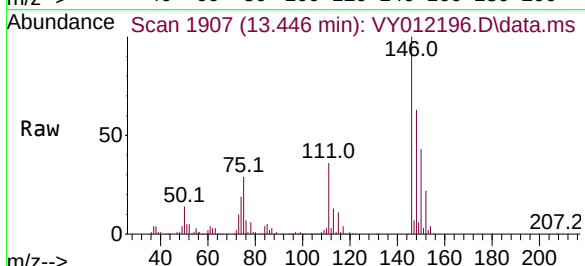
Tgt Ion:146 Resp: 91032

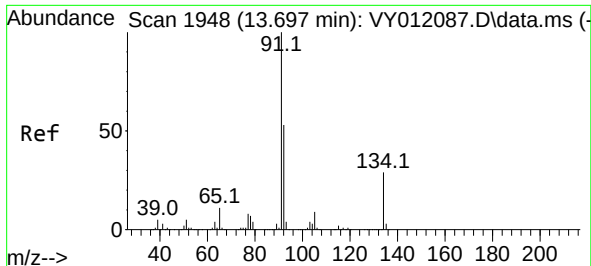
Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.7

148 65.1 31.9 95.7





#89

n-Butylbenzene

Concen: 20.092 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

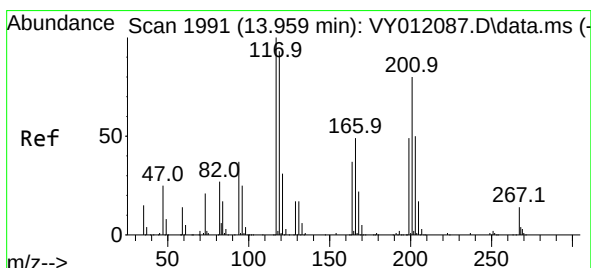
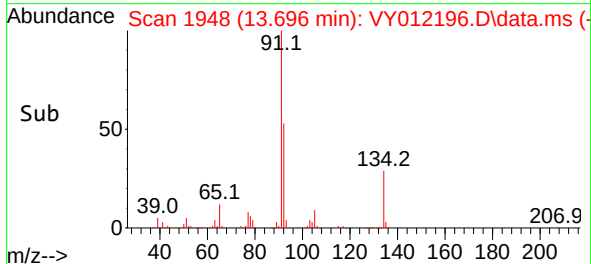
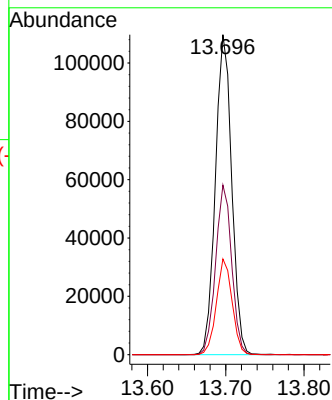
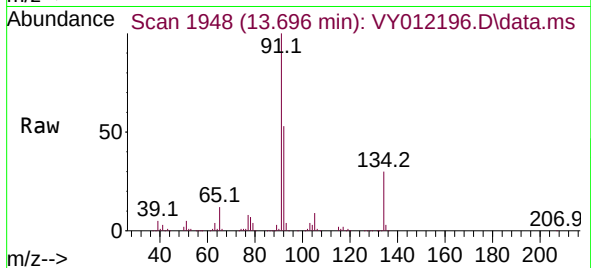
Tgt Ion: 91 Resp: 158867

Ion Ratio Lower Upper

91 100

92 52.1 26.8 80.4

134 28.8 13.3 39.8



#90

Hexachloroethane

Concen: 20.321 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012196.D

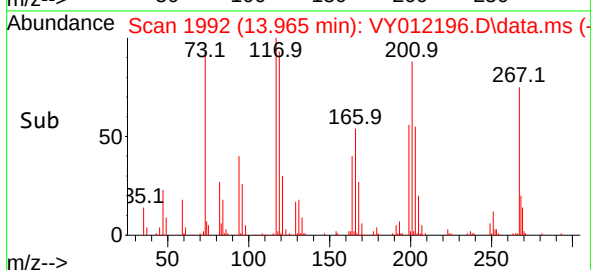
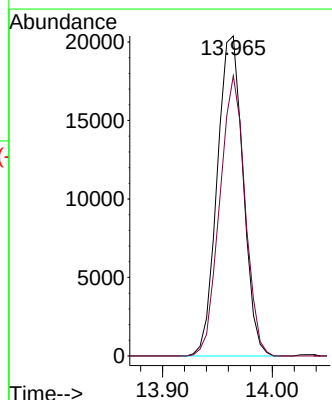
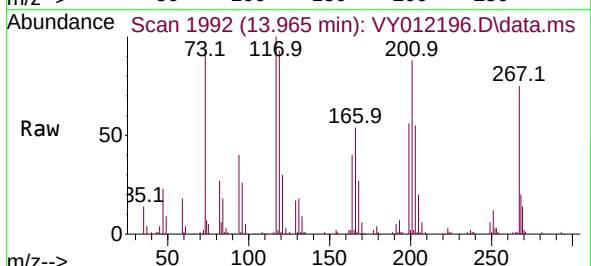
Acq: 16 Jan 2023 13:26

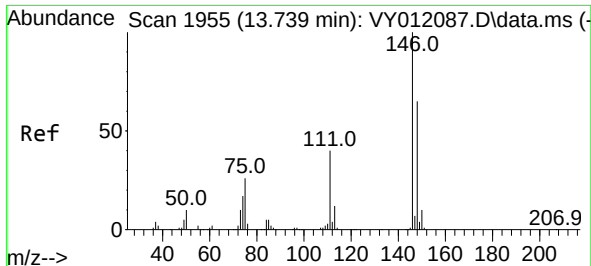
Tgt Ion: 117 Resp: 33471

Ion Ratio Lower Upper

117 100

201 85.4 40.3 120.8

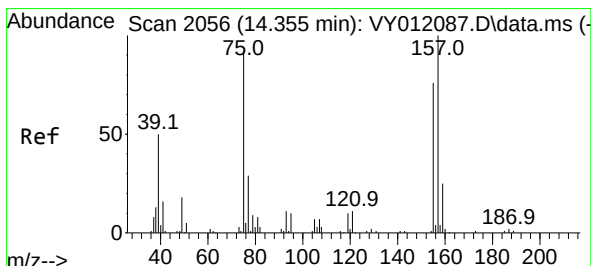
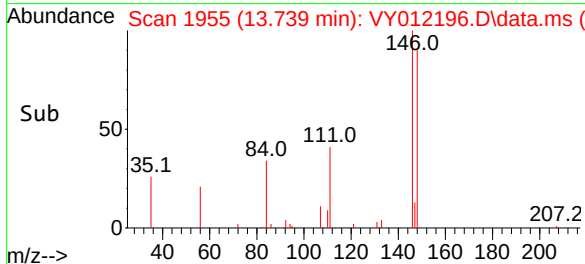
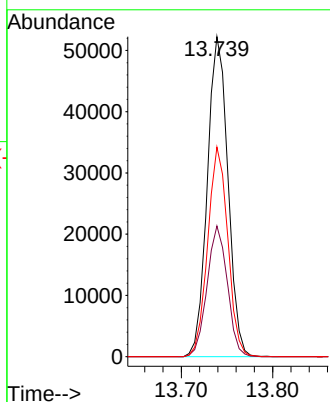
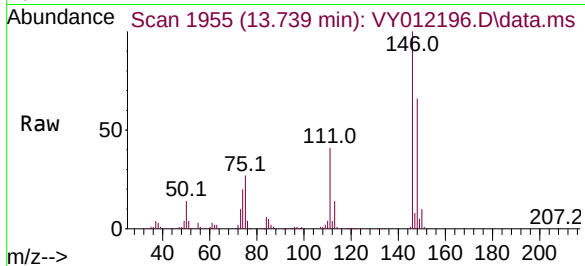




#91
1,2-Dichlorobenzene
Concen: 19.753 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

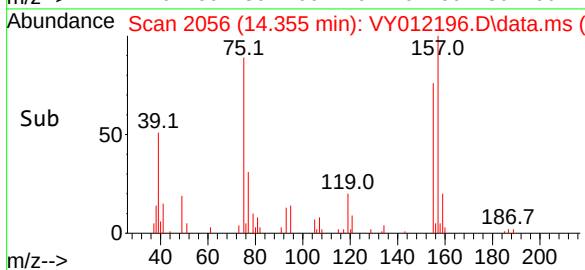
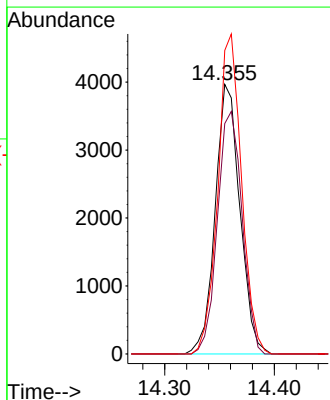
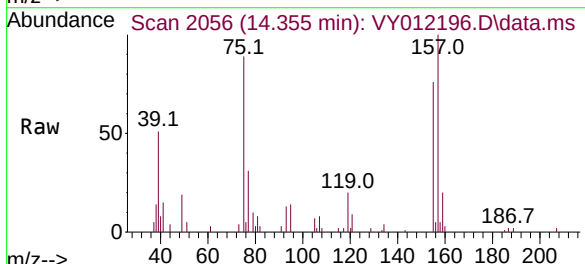
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

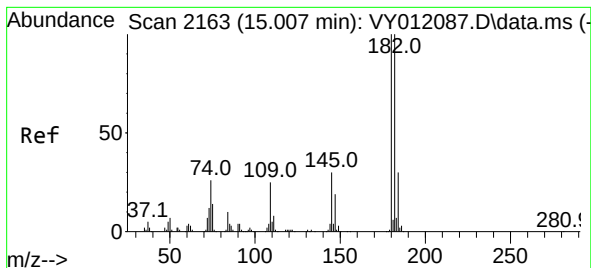
Tgt Ion:146 Resp: 81657
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 63.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.691 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012196.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 75 Resp: 6205
Ion Ratio Lower Upper
75 100
155 90.2 42.3 126.8
157 114.0 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 19.983 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

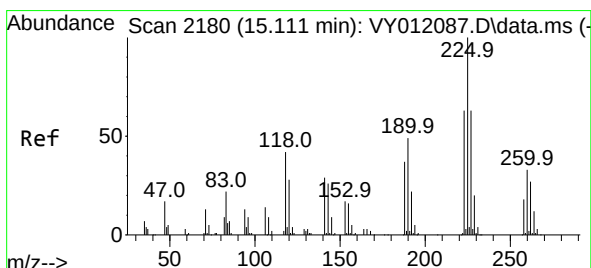
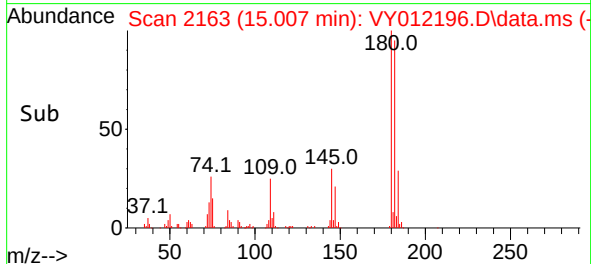
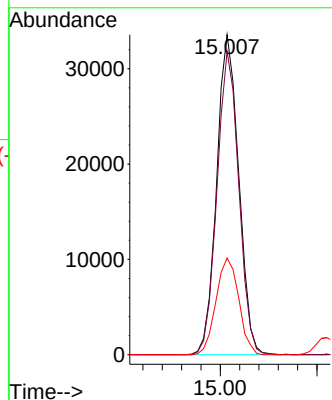
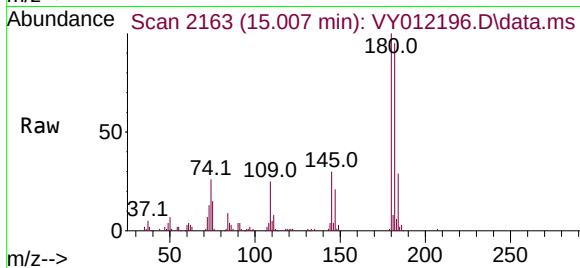
Tgt Ion:180 Resp: 52932

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.3

145 31.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.620 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

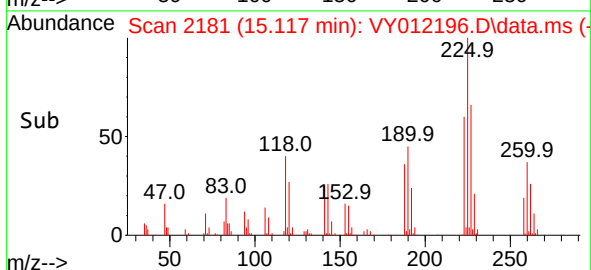
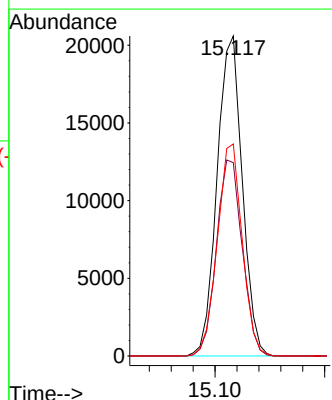
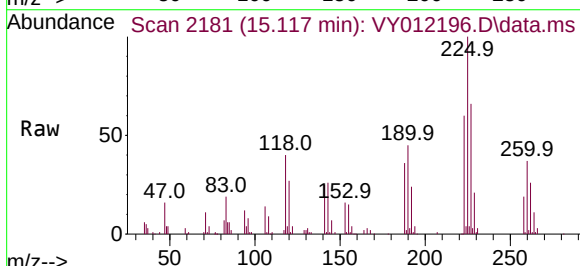
Tgt Ion:225 Resp: 32885

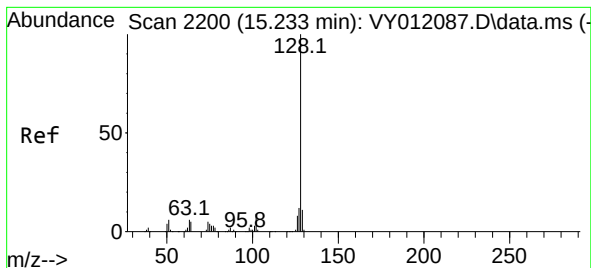
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 65.4 32.6 97.8





#95

Naphthalene

Concen: 19.700 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

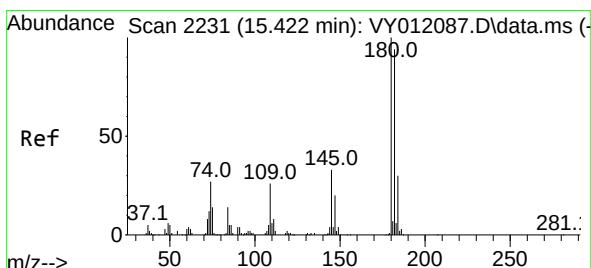
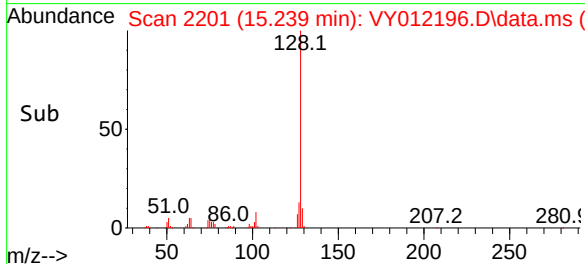
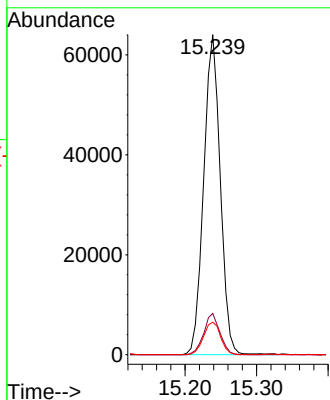
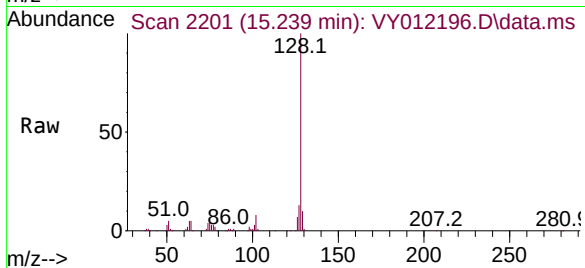
Tgt Ion:128 Resp: 102999

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.365 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012196.D

Acq: 16 Jan 2023 13:26

Tgt Ion:180 Resp: 46421

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 31.6 16.1 48.2

