

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013725.D
 Acq On : 15 May 2023 10:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 15 15:37:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	240847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162241	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140077	53.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.120%	
35) Dibromofluoromethane	7.716	113	130243	57.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.800%	
50) Toluene-d8	10.179	98	424066	52.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.483	95	159647	58.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	116649	50.945	ug/l	100
3) Chloromethane	2.113	50	143065	46.614	ug/l	99
4) Vinyl Chloride	2.253	62	145302	47.547	ug/l	98
5) Bromomethane	2.650	94	107824	44.276	ug/l	97
6) Chloroethane	2.796	64	92207	43.676	ug/l	96
7) Trichlorofluoromethane	3.125	101	248044	53.580	ug/l	100
8) Diethyl Ether	3.527	74	78478	49.780	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	139725	53.808	ug/l	97
10) Methyl Iodide	4.094	142	161794	49.607	ug/l	98
11) Tert butyl alcohol	4.966	59	63671	214.202	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	127136	50.792	ug/l	88
13) Acrolein	3.735	56	33408	140.957	ug/l	94
14) Allyl chloride	4.479	41	237573	51.151	ug/l	97
15) Acrylonitrile	5.161	53	212534	240.725	ug/l	98
16) Acetone	3.948	43	294051	282.811	ug/l	94
17) Carbon Disulfide	4.198	76	360976	44.396	ug/l	99
18) Methyl Acetate	4.479	43	165430	48.173	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	368059	50.933	ug/l	98
20) Methylene Chloride	4.716	84	160830	49.256	ug/l #	87
21) trans-1,2-Dichloroethene	5.222	96	139385	50.930	ug/l	96
22) Diisopropyl ether	6.112	45	486116	53.549	ug/l	94
23) Vinyl Acetate	6.057	43	1439858	280.133	ug/l	96
24) 1,1-Dichloroethane	6.015	63	270068	53.379	ug/l	98
25) 2-Butanone	6.984	43	341410	258.914	ug/l	94
26) 2,2-Dichloropropane	6.978	77	242340	55.586	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	159856	52.865	ug/l	94
28) Bromochloromethane	7.332	49	93228	51.926	ug/l	83
29) Tetrahydrofuran	7.350	42	184725	225.051	ug/l	92
30) Chloroform	7.508	83	274519	54.572	ug/l	97
31) Cyclohexane	7.783	56	224254	47.440	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	244043	54.367	ug/l	98
36) 1,1-Dichloropropene	7.917	75	200075	53.126	ug/l	98
37) Ethyl Acetate	7.076	43	127625	45.033	ug/l	97
38) Carbon Tetrachloride	7.899	117	225855	57.218	ug/l	97
39) Methylcyclohexane	9.185	83	233609	52.617	ug/l	98
40) Benzene	8.161	78	574696	54.173	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013725.D
 Acq On : 15 May 2023 10:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 15 15:37:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	66259	50.171	ug/l	98
42) 1,2-Dichloroethane	8.234	62	189184	54.547	ug/l	99
43) Isopropyl Acetate	8.271	43	232228	48.547	ug/l	98
44) Trichloroethene	8.941	130	151760	53.780	ug/l	95
45) 1,2-Dichloropropane	9.215	63	153408	55.307	ug/l	97
46) Dibromomethane	9.307	93	85007	51.220	ug/l	97
47) Bromodichloromethane	9.496	83	212151	57.128	ug/l #	99
48) Methyl methacrylate	9.295	41	108977	49.604	ug/l	94
49) 1,4-Dioxane	9.307	88	21980	927.309	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	659247	247.313	ug/l	96
52) Toluene	10.246	92	353415	55.361	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	214963	54.694	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	240877	54.466	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	117665	53.537	ug/l	97
56) Ethyl methacrylate	10.508	69	162672	53.350	ug/l	90
57) 1,3-Dichloropropane	10.788	76	202325	54.356	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	267428	233.891	ug/l	94
59) 2-Hexanone	10.831	43	504775	260.501	ug/l	96
60) Dibromochloromethane	10.983	129	146403	54.860	ug/l	99
61) 1,2-Dibromoethane	11.087	107	113891	52.707	ug/l	99
64) Tetrachloroethene	10.721	164	129781	53.579	ug/l	98
65) Chlorobenzene	11.514	112	377008	54.330	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	150105	57.839	ug/l	99
67) Ethyl Benzene	11.593	91	688286	56.486	ug/l	99
68) m/p-Xylenes	11.703	106	527152	113.801	ug/l	98
69) o-Xylene	12.032	106	242776	55.416	ug/l	93
70) Styrene	12.044	104	421859	57.591	ug/l	100
71) Bromoform	12.209	173	98094	53.962	ug/l	99
73) Isopropylbenzene	12.331	105	664035	54.113	ug/l	98
74) N-amyl acetate	12.142	43	209827	48.050	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	145380	48.469	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	190164	86.912	ug/l #	100
77) Bromobenzene	12.611	156	159141	53.522	ug/l	95
78) n-propylbenzene	12.672	91	821541	54.353	ug/l	97
79) 2-Chlorotoluene	12.758	91	455532	53.969	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	548131	54.727	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	50995	47.675	ug/l	94
82) 4-Chlorotoluene	12.855	91	467174	53.103	ug/l	98
83) tert-Butylbenzene	13.075	119	479961	55.312	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	535010	54.942	ug/l	99
85) sec-Butylbenzene	13.251	105	716599	55.025	ug/l	99
86) p-Isopropyltoluene	13.367	119	582387	55.609	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	306187	54.051	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	299688	52.372	ug/l	99
89) n-Butylbenzene	13.696	91	564253	55.202	ug/l	98
90) Hexachloroethane	13.959	117	117032	53.096	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	273884	53.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24384	46.030	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	171816	56.335	ug/l	99
94) Hexachlorobutadiene	15.111	225	107088	60.332	ug/l	99
95) Naphthalene	15.239	128	345835	52.262	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	155744	57.294	ug/l	99

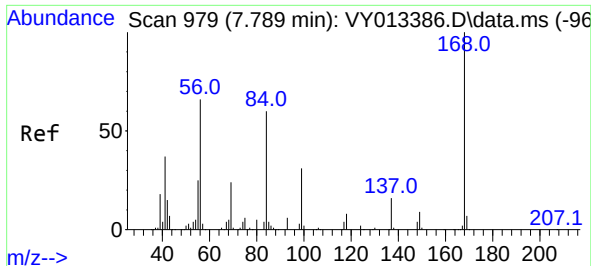
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
Data File : VY013725.D
Acq On : 15 May 2023 10:03
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: May 15 15:37:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

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

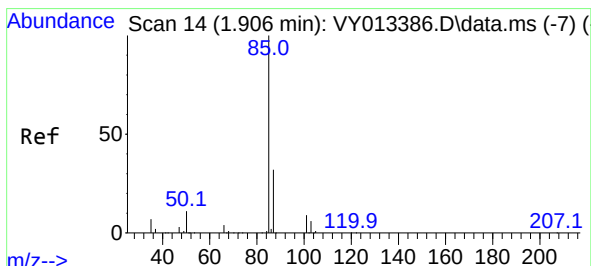
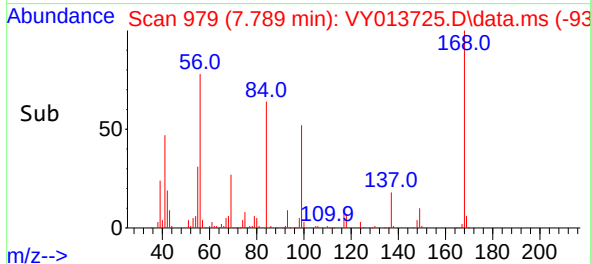
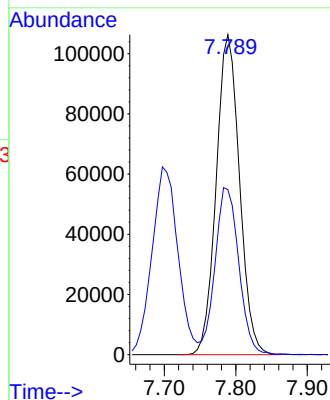
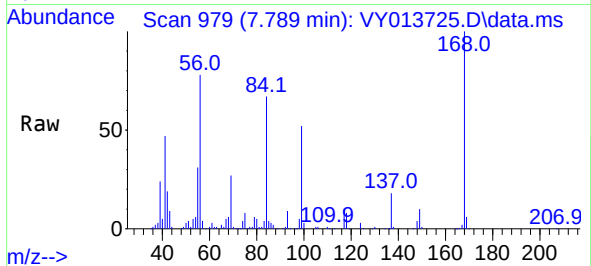
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

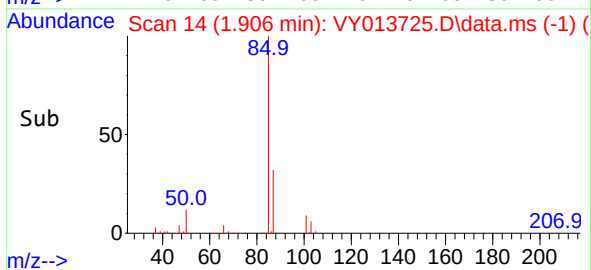
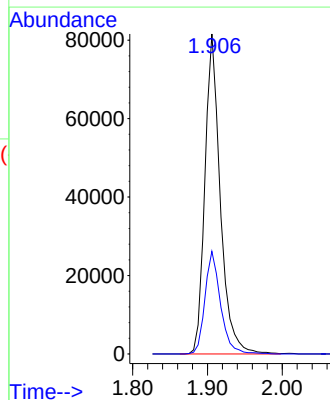
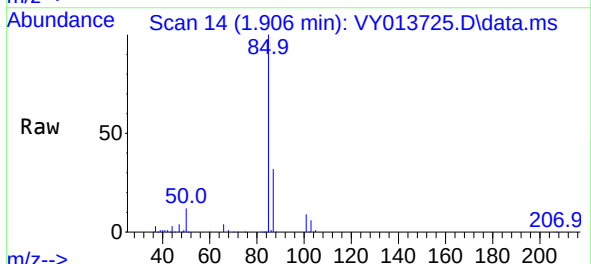
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 240847
Ion Ratio Lower Upper
168 100
99 51.4 41.8 62.6

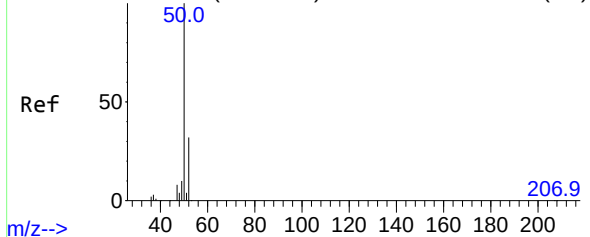


#2
Dichlorodifluoromethane
Concen: 50.945 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 85 Resp: 116649
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2



Abundance Scan 48 (2.113 min): VY013386.D\data.ms (-41)



#3

Chloromethane

Concen: 46.614 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

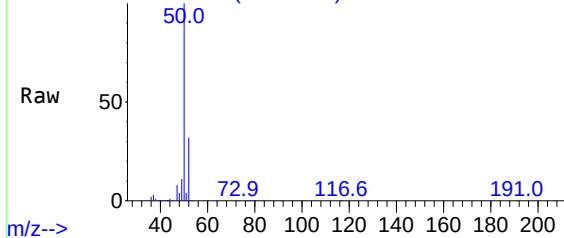
Tgt Ion: 50 Resp: 143065

Ion Ratio Lower Upper

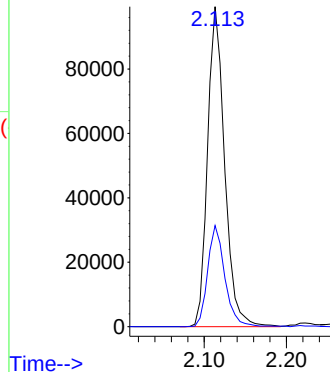
50 100

52 31.6 25.9 38.9

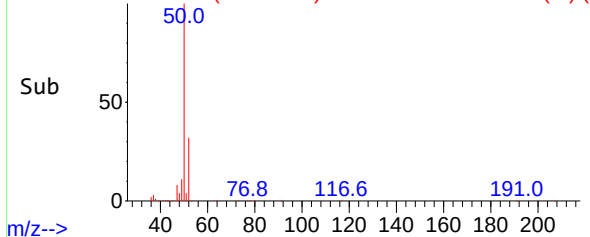
Abundance Scan 48 (2.113 min): VY013725.D\data.ms



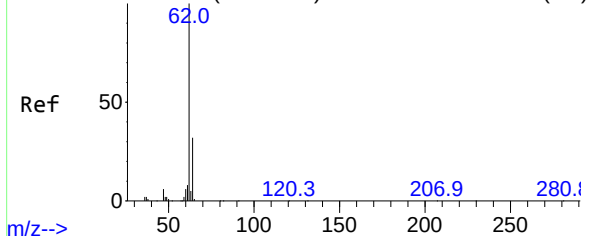
Abundance



Abundance Scan 48 (2.113 min): VY013725.D\data.ms (-1)



Abundance Scan 71 (2.253 min): VY013386.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 47.547 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

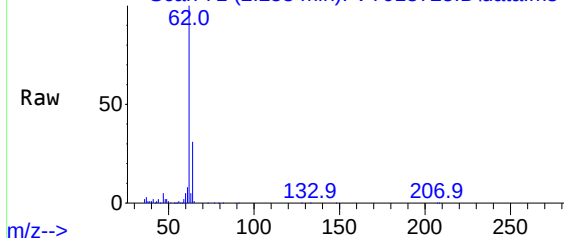
Tgt Ion: 62 Resp: 145302

Ion Ratio Lower Upper

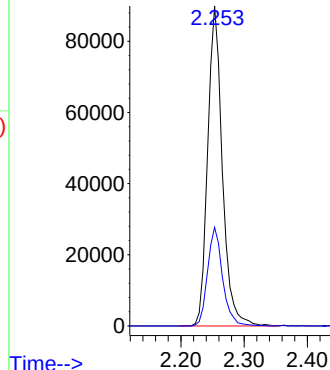
62 100

64 30.8 25.4 38.0

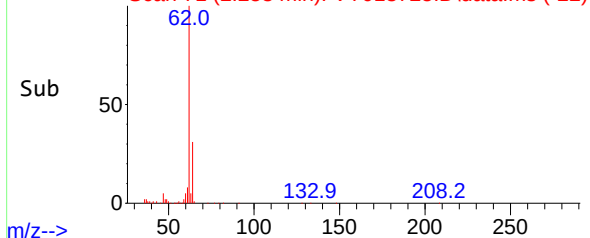
Abundance Scan 71 (2.253 min): VY013725.D\data.ms

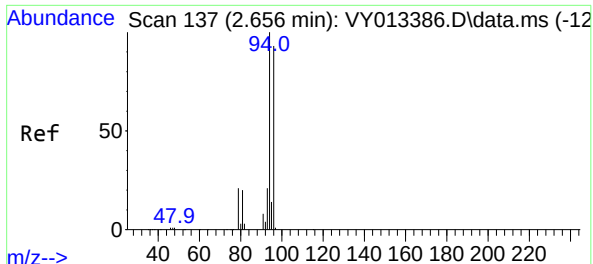


Abundance



Abundance Scan 71 (2.253 min): VY013725.D\data.ms (-22)

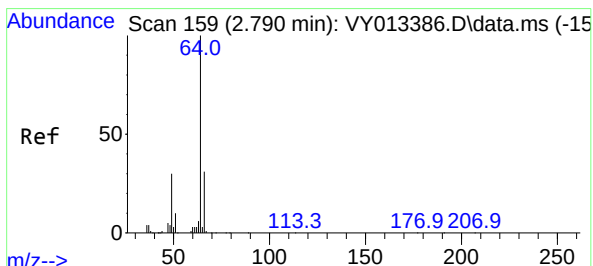
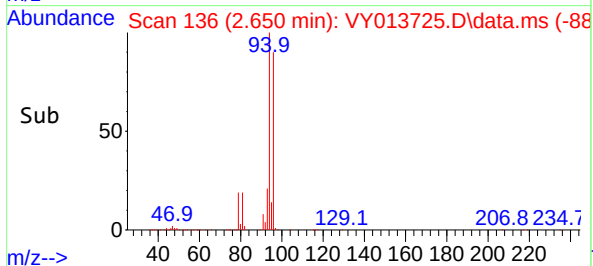
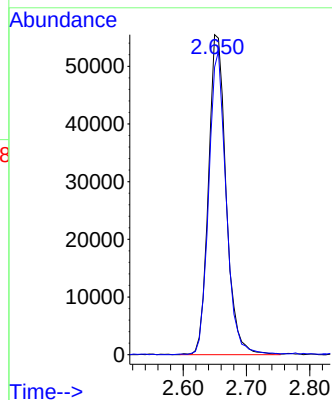
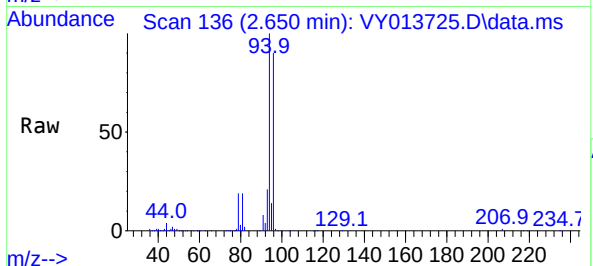




#5
Bromomethane
Concen: 44.276 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

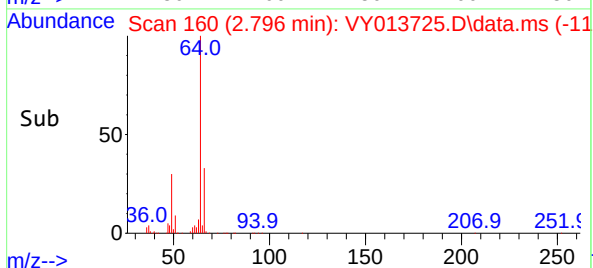
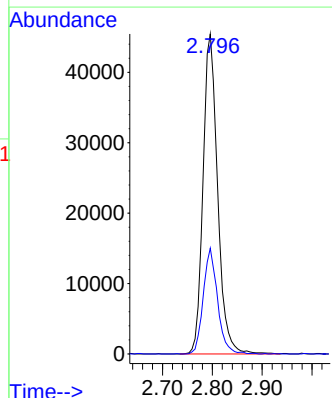
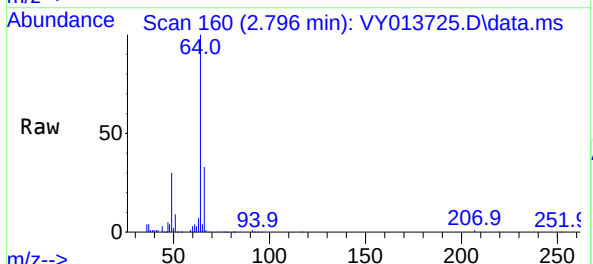
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

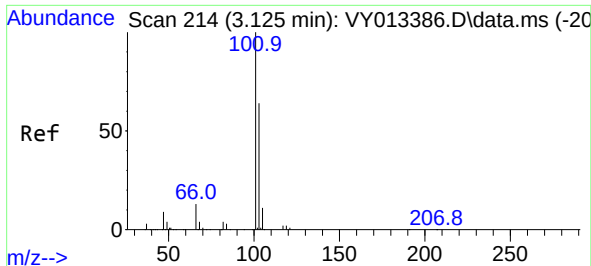
Tgt Ion: 94 Resp: 107824
Ion Ratio Lower Upper
94 100
96 89.7 74.2 111.2



#6
Chloroethane
Concen: 43.676 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 64 Resp: 92207
Ion Ratio Lower Upper
64 100
66 33.0 24.6 37.0

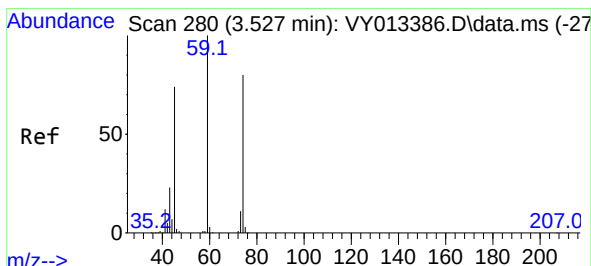
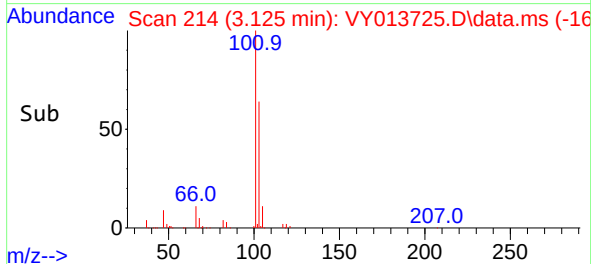
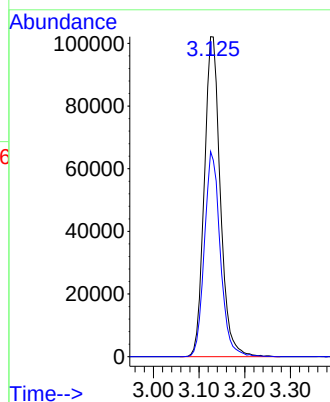
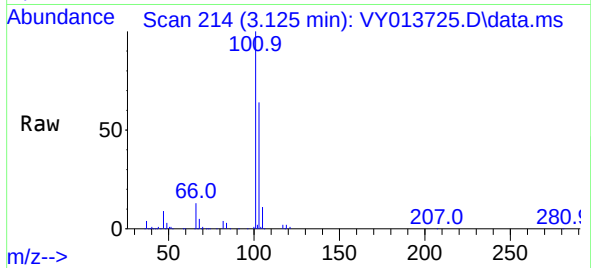




#7
Trichlorofluoromethane
Concen: 53.580 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

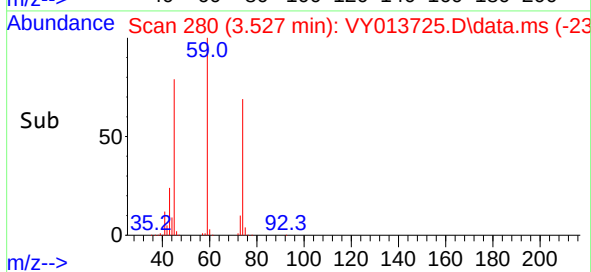
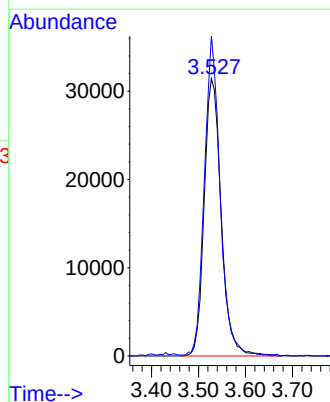
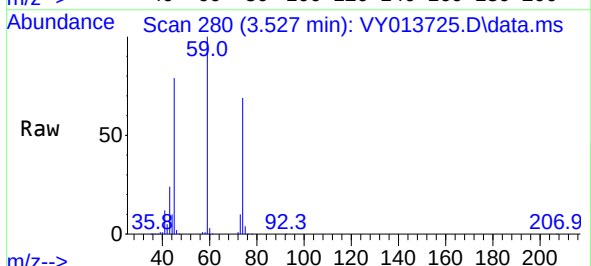
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

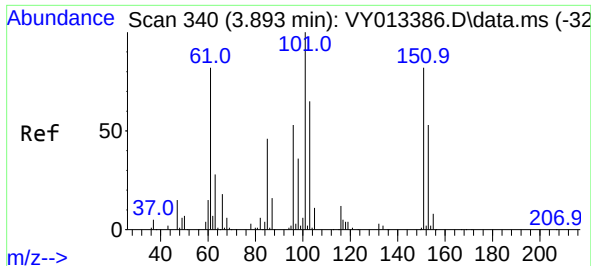
Tgt Ion:101 Resp: 248044
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4



#8
Diethyl Ether
Concen: 49.780 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 74 Resp: 78478
Ion Ratio Lower Upper
74 100
45 108.5 48.2 144.6

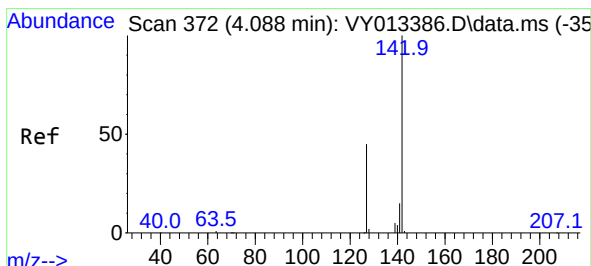
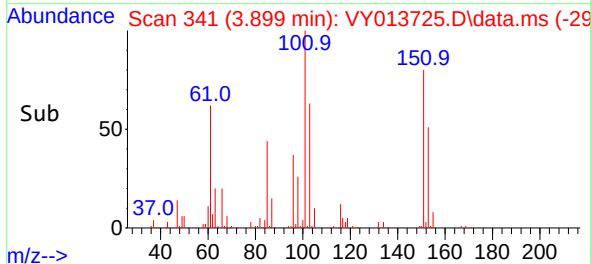
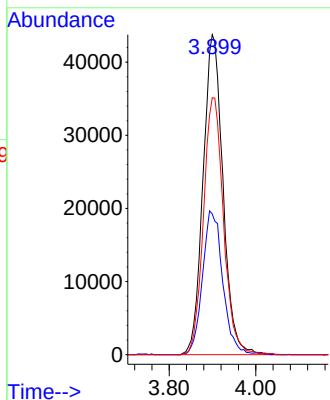
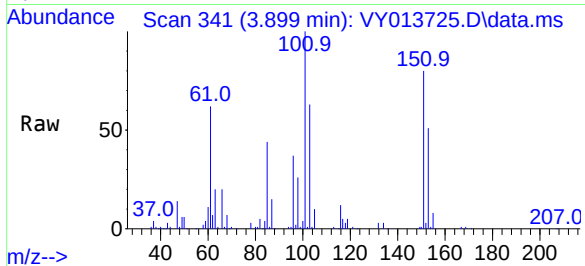




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.808 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

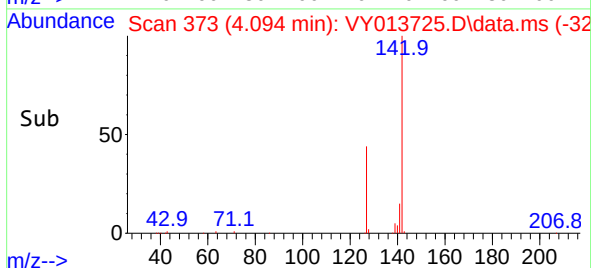
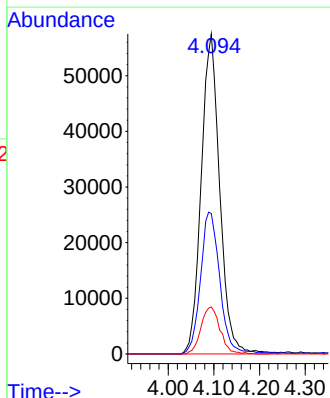
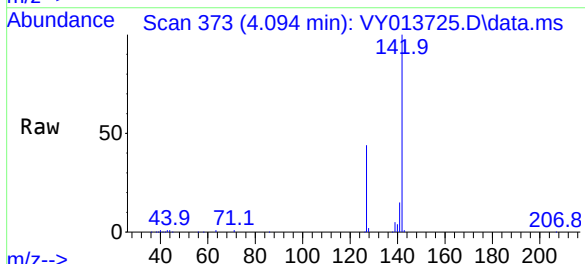
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

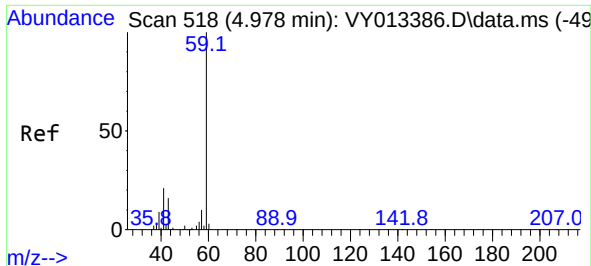
Tgt Ion:101 Resp: 139725
Ion Ratio Lower Upper
101 100
85 45.8 35.6 53.4
151 81.1 68.0 102.0



#10
Methyl Iodide
Concen: 49.607 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:142 Resp: 161794
Ion Ratio Lower Upper
142 100
127 46.1 36.1 54.1
141 15.1 11.6 17.4

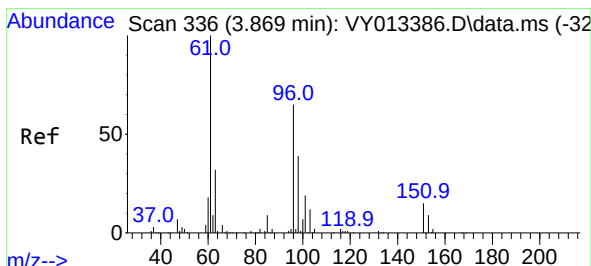
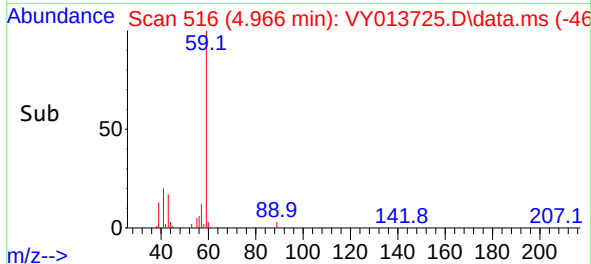
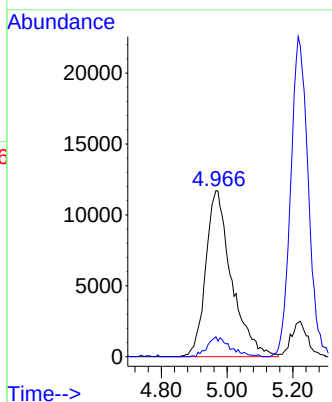
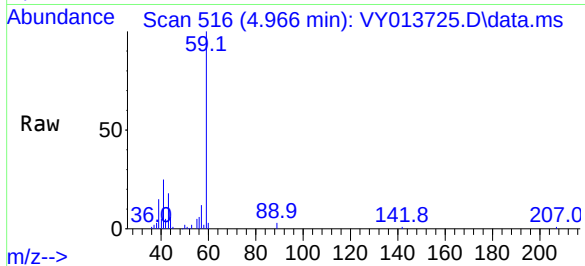




#11
Tert butyl alcohol
Concen: 214.202 ug/l
RT: 4.966 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

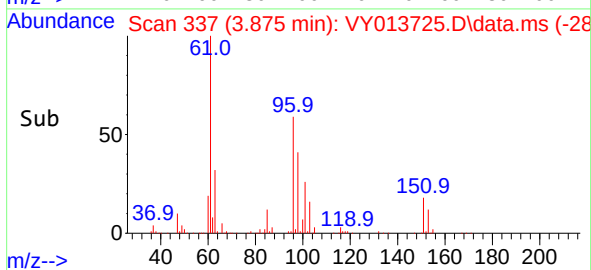
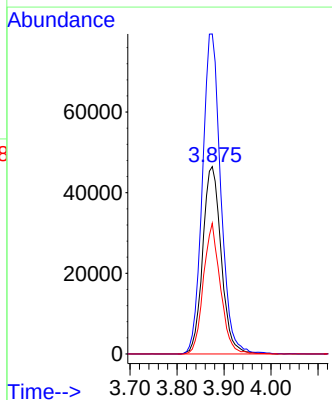
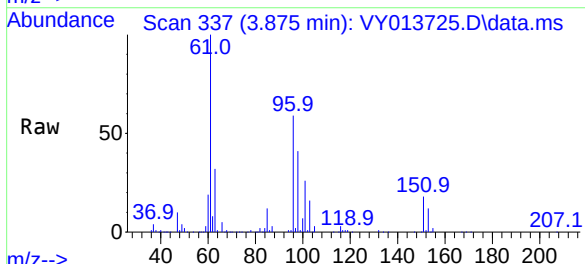
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

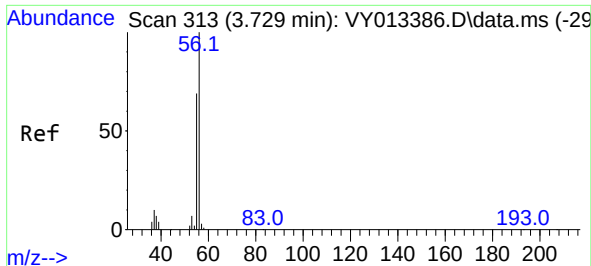
Tgt Ion: 59 Resp: 63671
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.792 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 96 Resp: 127136
Ion Ratio Lower Upper
96 100
61 170.8 123.9 185.9
98 69.7 48.9 73.3

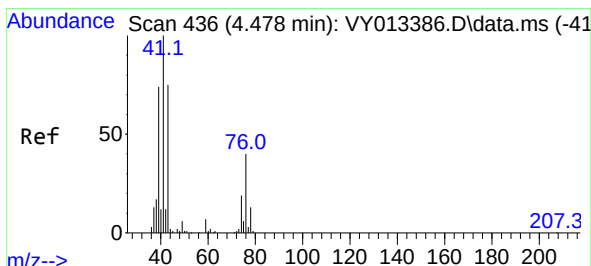
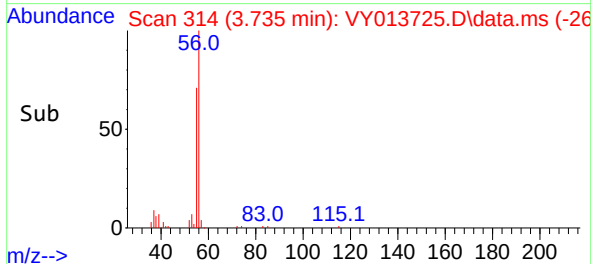
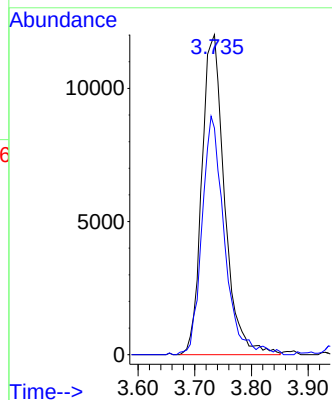
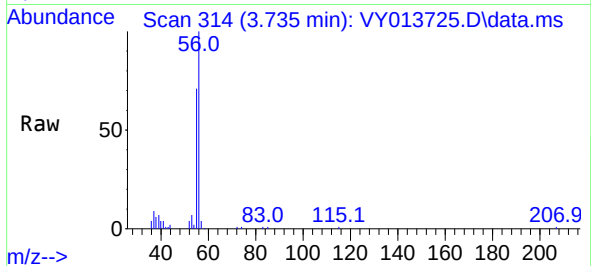




#13
Acrolein
Concen: 140.957 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

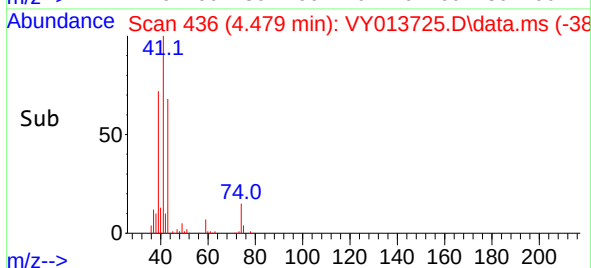
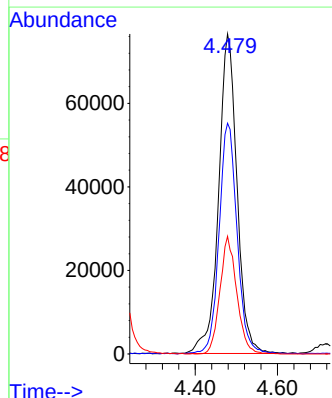
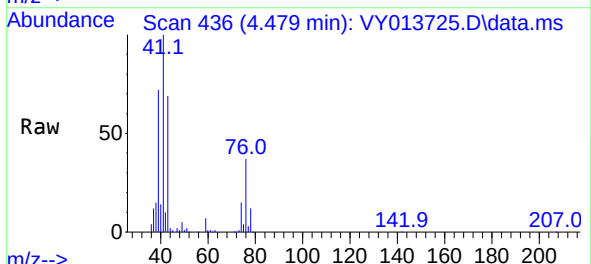
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

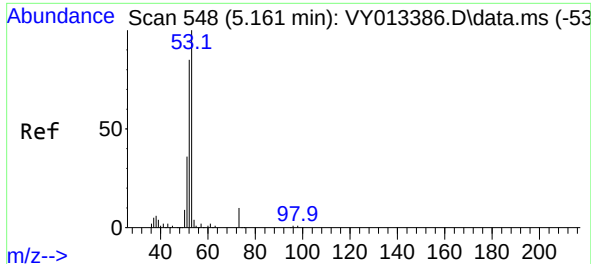
Tgt Ion: 56 Resp: 33408
Ion Ratio Lower Upper
56 100
55 72.1 54.1 81.1



#14
Allyl chloride
Concen: 51.151 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 41 Resp: 237573
Ion Ratio Lower Upper
41 100
39 70.9 56.6 85.0
76 33.7 30.5 45.7





#15

Acrylonitrile

Concen: 240.725 ug/l

RT: 5.161 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

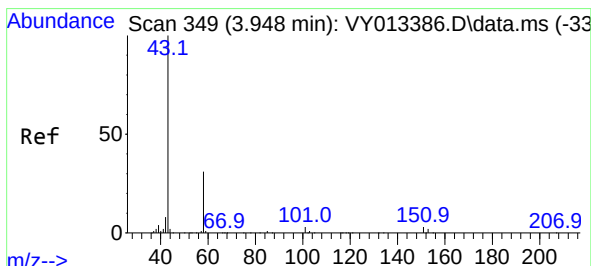
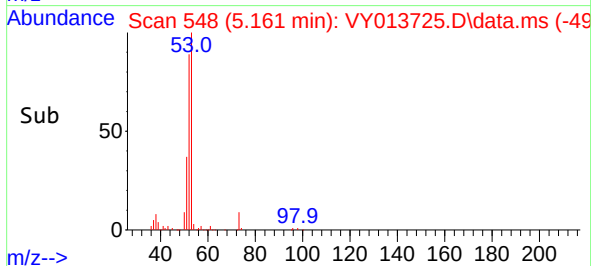
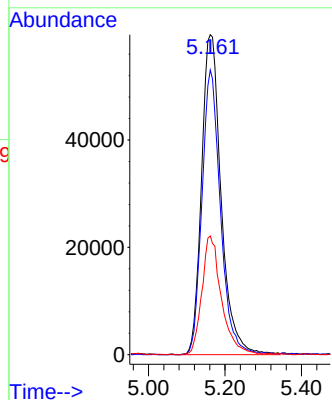
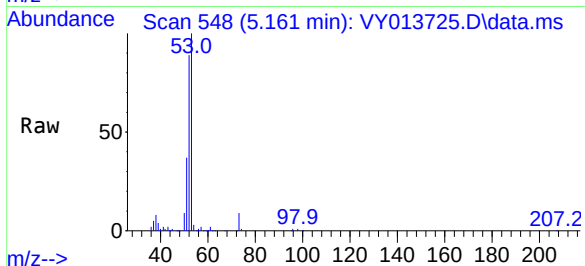
Tgt Ion: 53 Resp: 212534

Ion Ratio Lower Upper

53 100

52 84.1 65.4 98.0

51 37.0 29.3 43.9



#16

Acetone

Concen: 282.811 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY013725.D

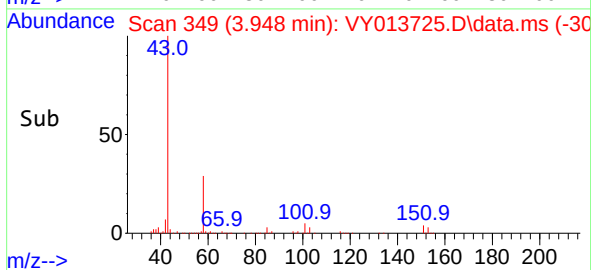
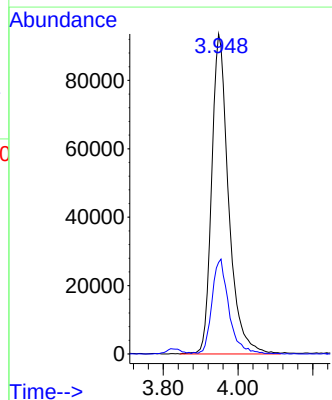
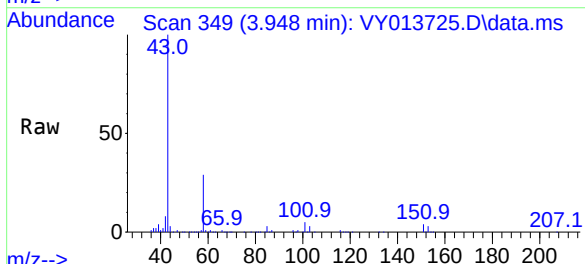
Acq: 15 May 2023 10:03

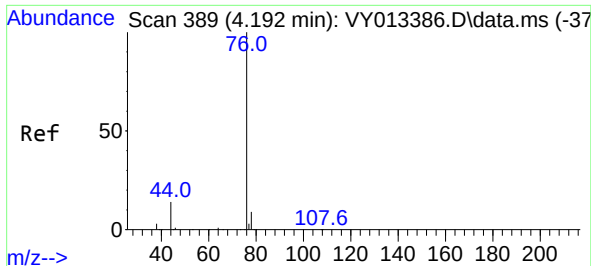
Tgt Ion: 43 Resp: 294051

Ion Ratio Lower Upper

43 100

58 28.5 25.4 38.0

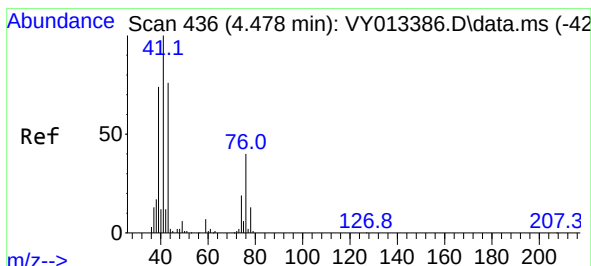
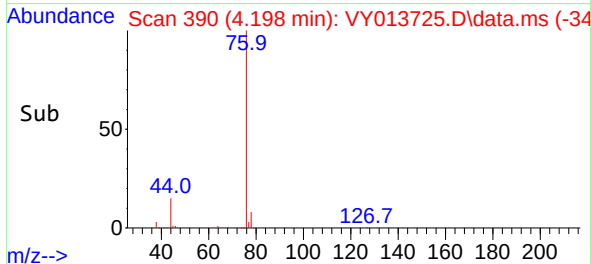
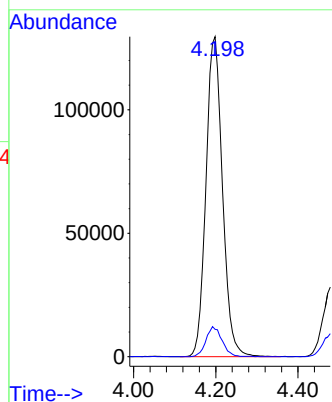
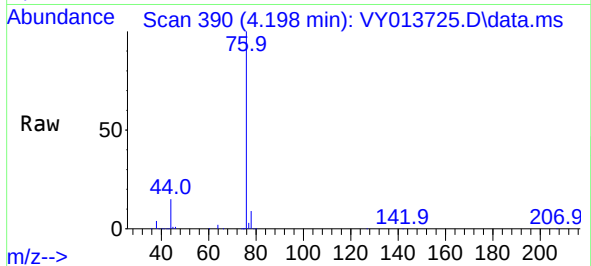




#17
Carbon Disulfide
Concen: 44.396 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

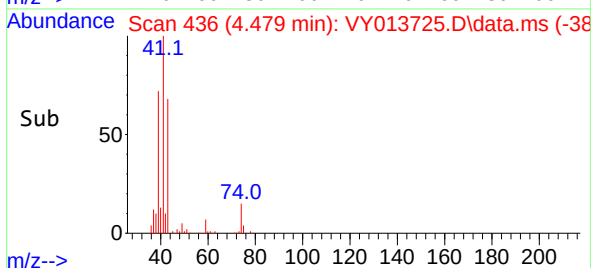
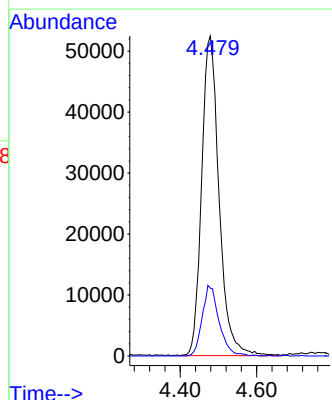
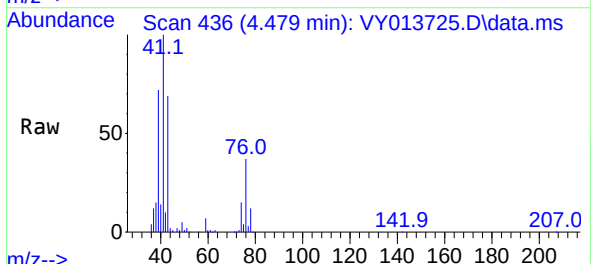
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

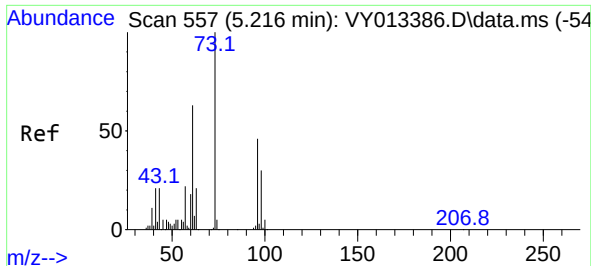
Tgt Ion: 76 Resp: 360976
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 48.173 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 43 Resp: 165430
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 50.933 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

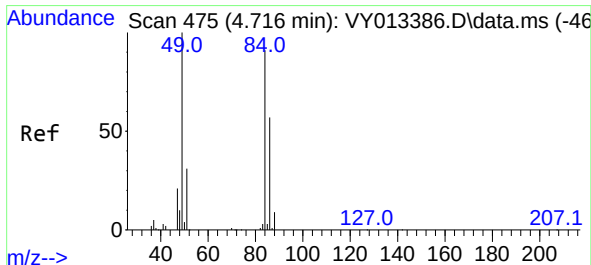
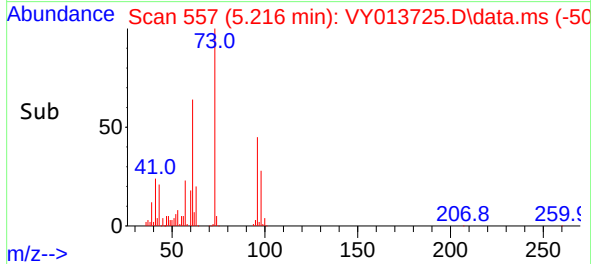
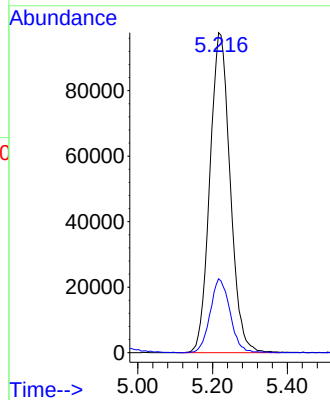
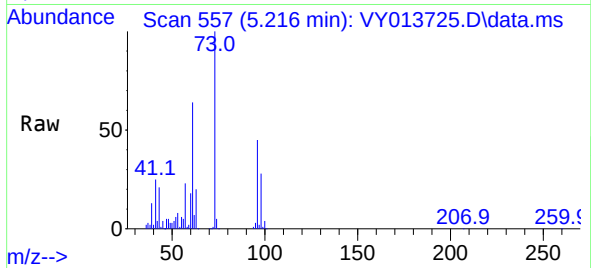
VSTDCCC050

Tgt Ion: 73 Resp: 368059

Ion Ratio Lower Upper

73 100

57 23.1 17.8 26.8



#20

Methylene Chloride

Concen: 49.256 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Tgt Ion: 84 Resp: 160830

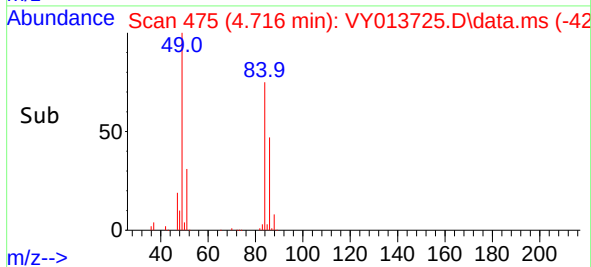
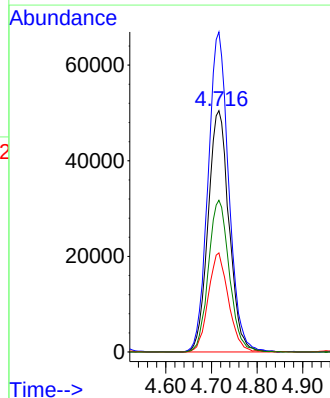
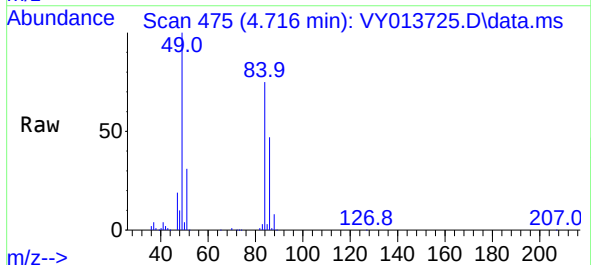
Ion Ratio Lower Upper

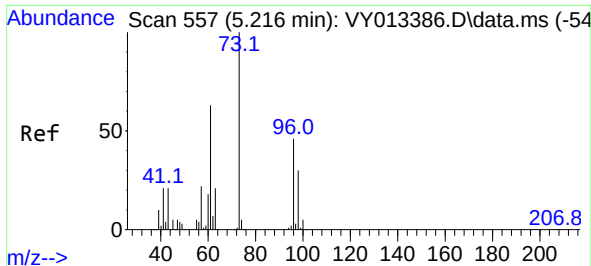
84 100

49 132.7 88.0 132.0#

51 41.1 27.4 41.0#

86 62.9 50.4 75.6

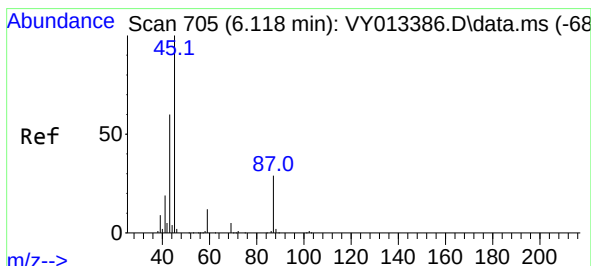
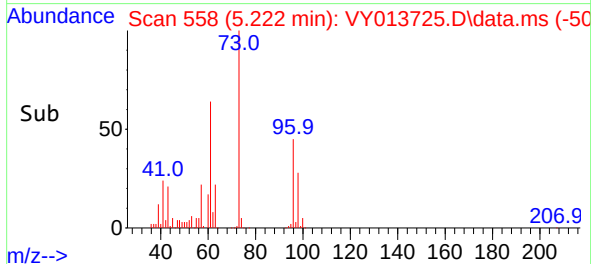
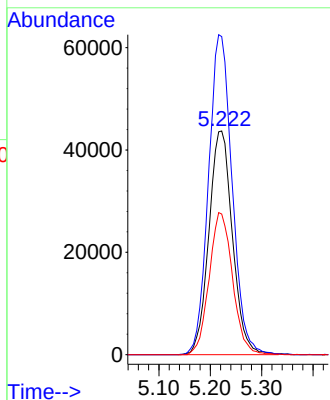
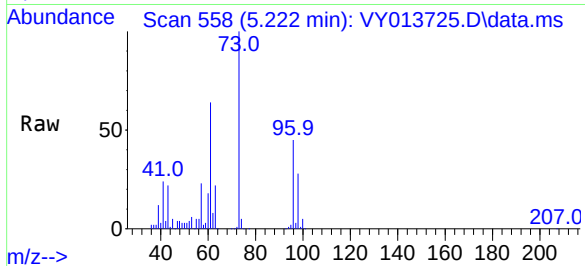




#21
trans-1,2-Dichloroethene
Concen: 50.930 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

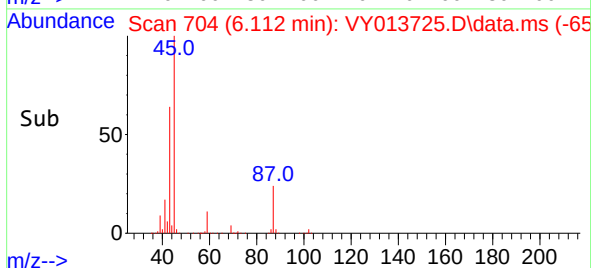
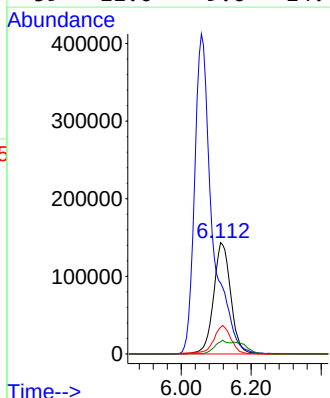
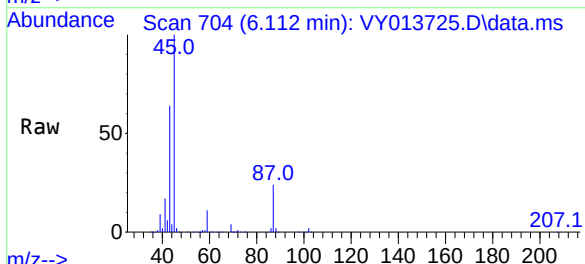
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

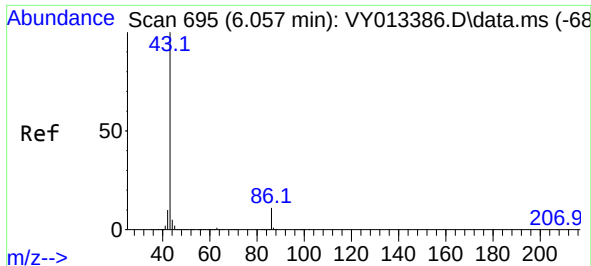
Tgt Ion: 96 Resp: 139385
Ion Ratio Lower Upper
96 100
61 142.2 110.6 165.8
98 62.9 53.1 79.7



#22
Diisopropyl ether
Concen: 53.549 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 45 Resp: 486116
Ion Ratio Lower Upper
45 100
43 63.5 48.4 72.6
87 24.0 23.8 35.6
59 11.0 9.6 14.4

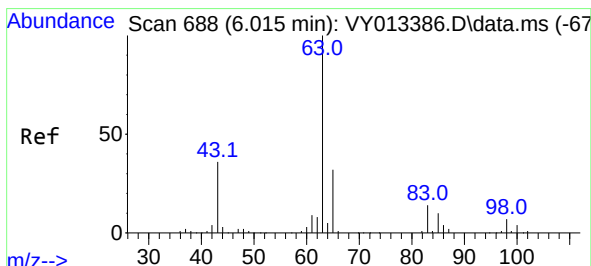
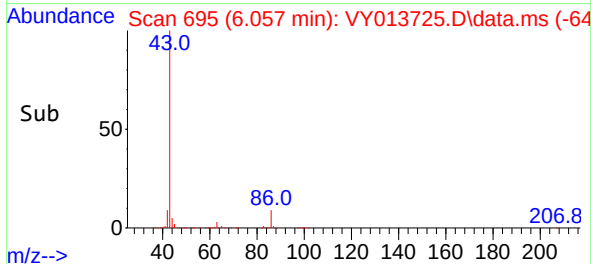
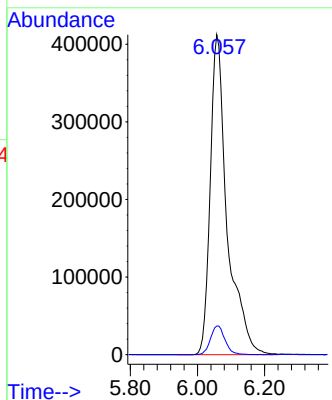
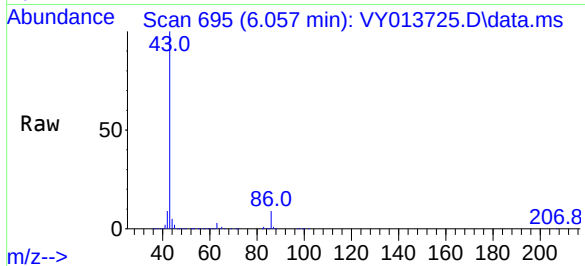




#23
 Vinyl Acetate
 Concen: 280.133 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013725.D
 Acq: 15 May 2023 10:03

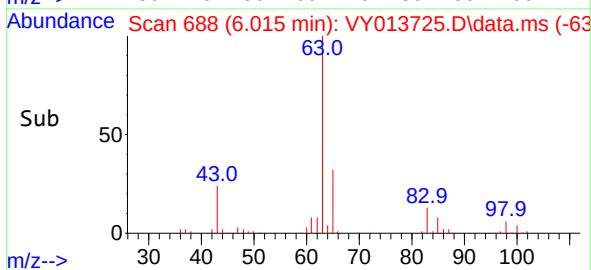
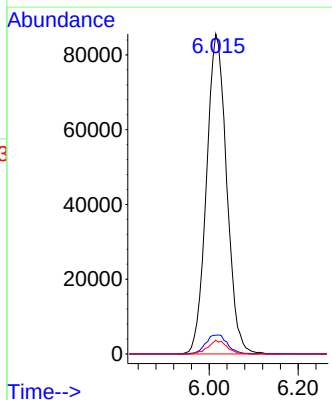
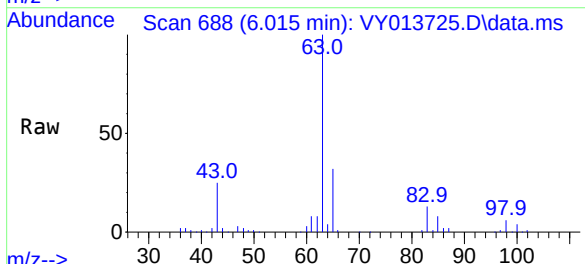
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

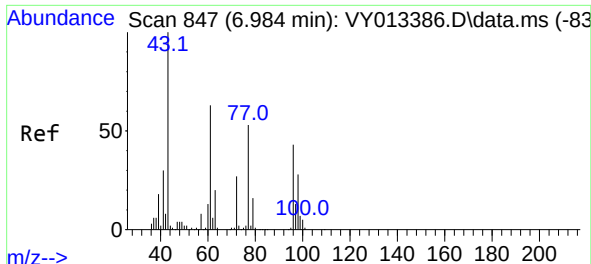
Tgt Ion: 43 Resp: 1439858
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 53.379 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013725.D
 Acq: 15 May 2023 10:03

Tgt Ion: 63 Resp: 270068
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.6
 100 4.3 2.2 6.6

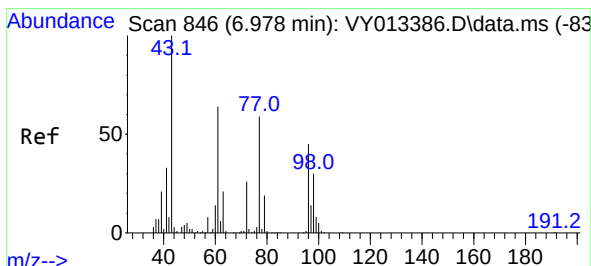
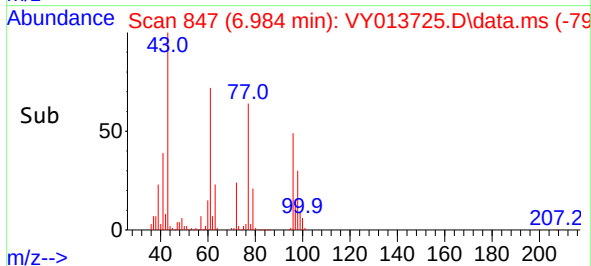
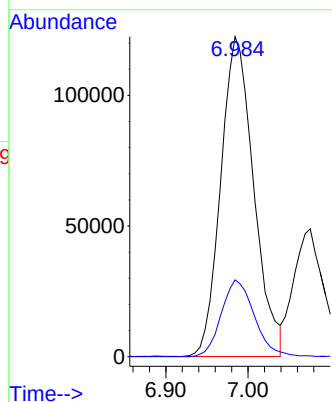
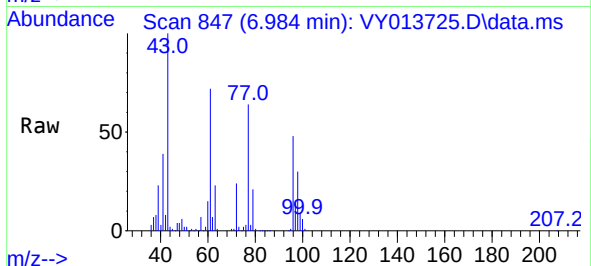




#25
2-Butanone
Concen: 258.914 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

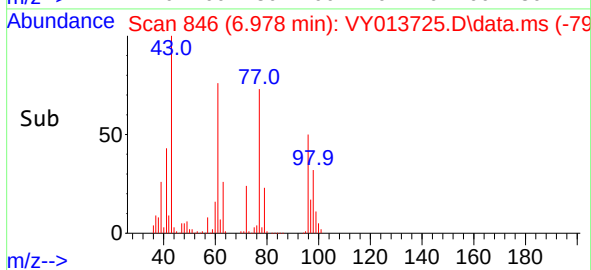
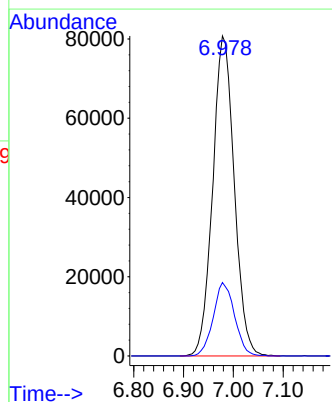
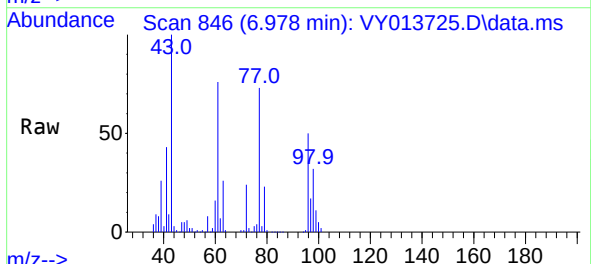
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

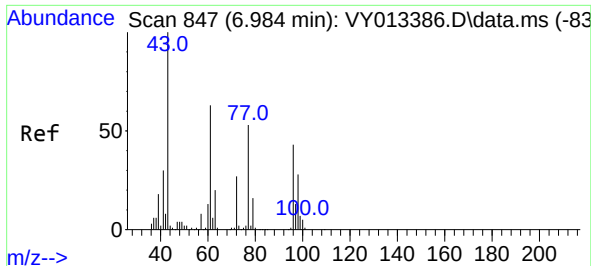
Tgt Ion: 43 Resp: 341410
Ion Ratio Lower Upper
43 100
72 24.0 21.9 32.9



#26
2,2-Dichloropropane
Concen: 55.586 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 77 Resp: 242340
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4

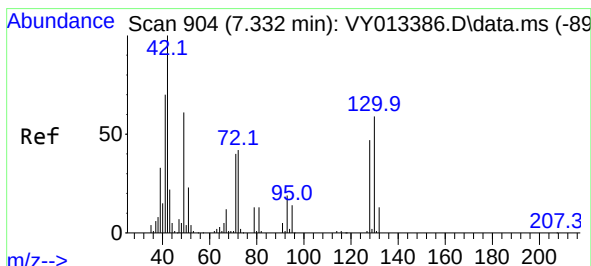
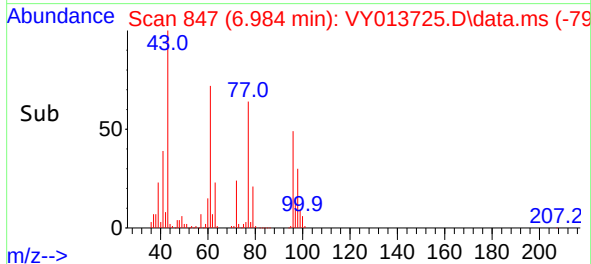
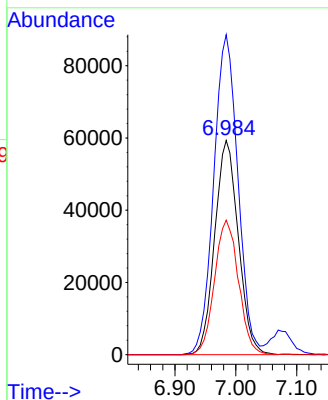
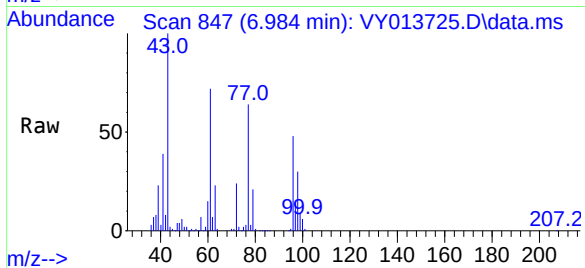




#27
cis-1,2-Dichloroethene
Concen: 52.865 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

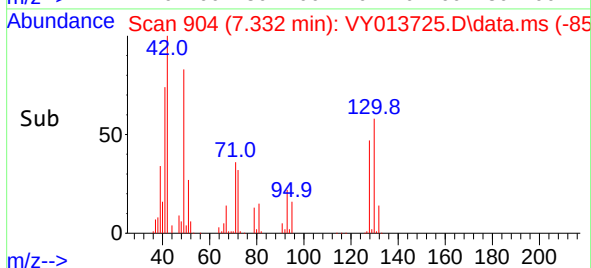
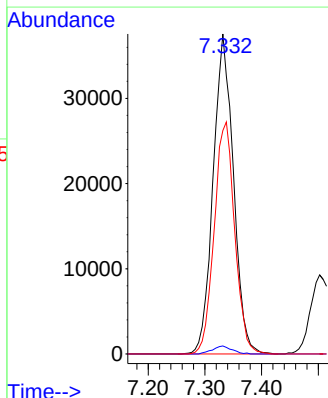
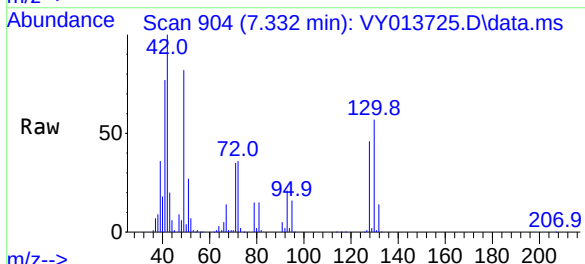
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

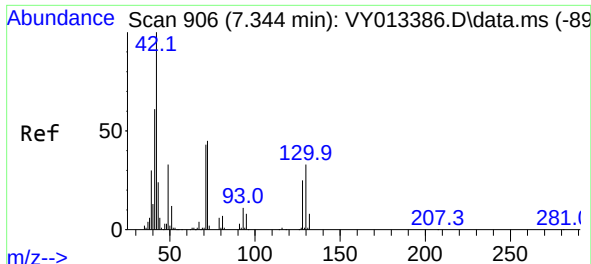
Tgt Ion: 96 Resp: 159856
Ion Ratio Lower Upper
96 100
61 152.4 0.0 285.0
98 63.9 0.0 130.6



#28
Bromochloromethane
Concen: 51.926 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 49 Resp: 93228
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.2
130 73.4 72.1 108.1

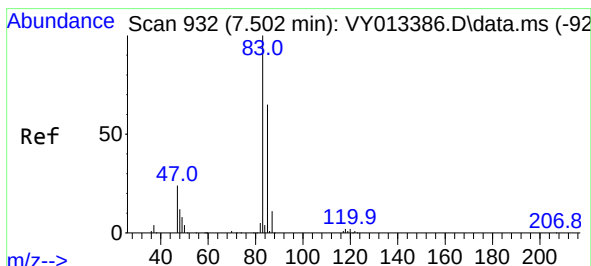
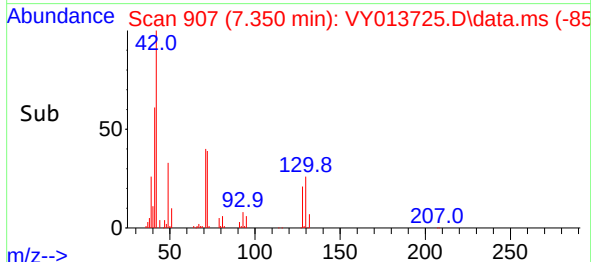
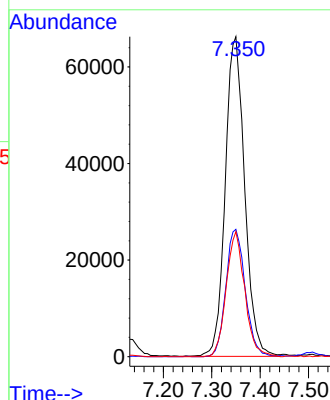
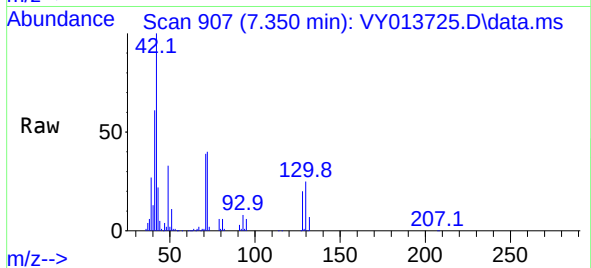




#29
Tetrahydrofuran
Concen: 225.051 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

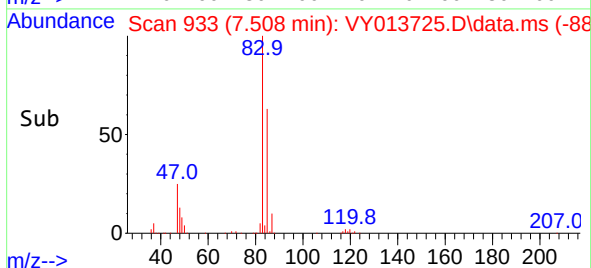
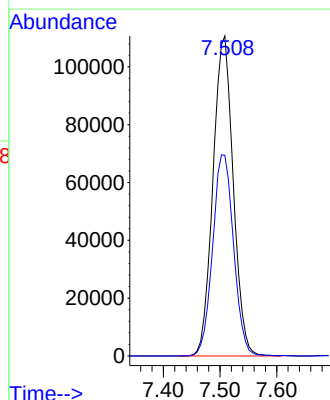
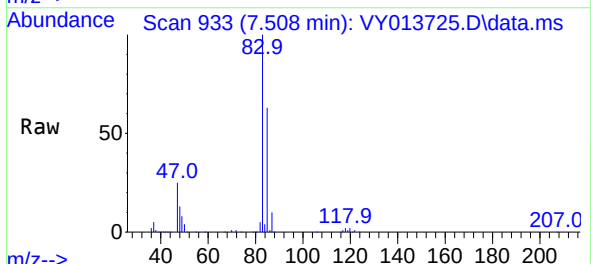
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

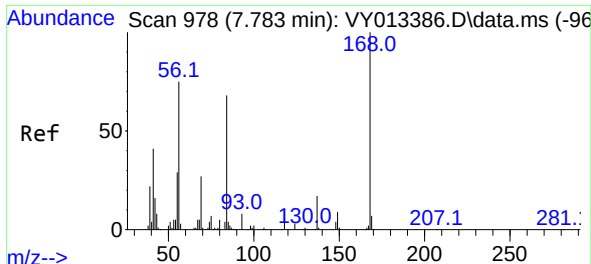
Tgt Ion: 42 Resp: 184725
Ion Ratio Lower Upper
42 100
72 39.9 35.9 53.9
71 37.4 34.3 51.5



#30
Chloroform
Concen: 54.572 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 83 Resp: 274519
Ion Ratio Lower Upper
83 100
85 62.7 52.0 78.0

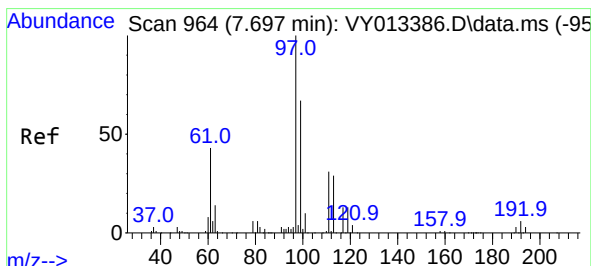
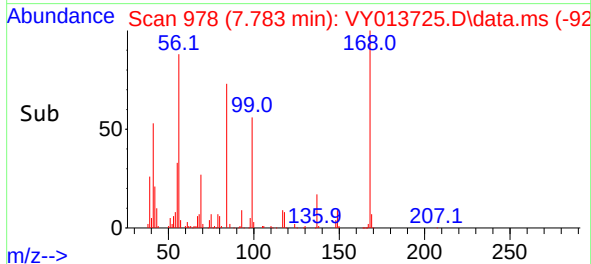
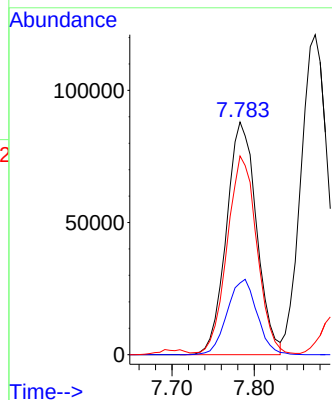
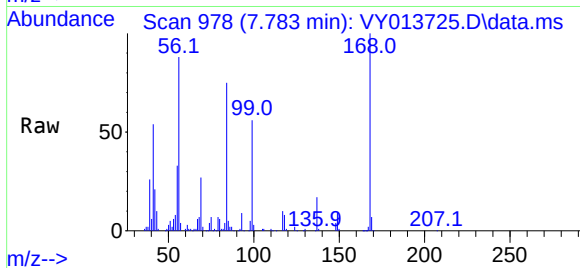




#31
Cyclohexane
Concen: 47.440 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

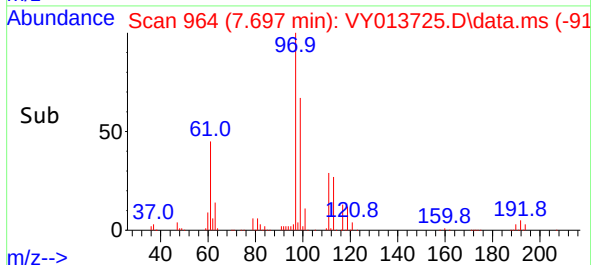
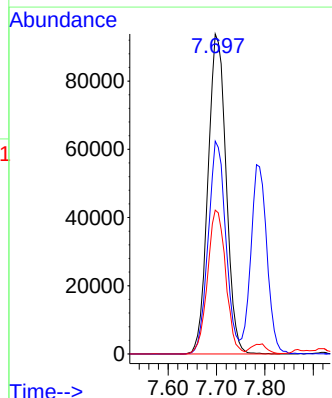
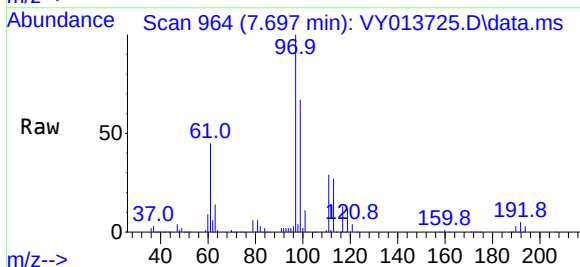
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

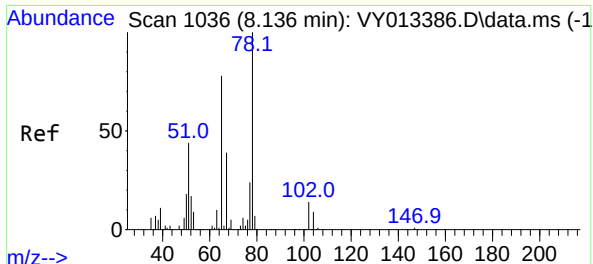
Tgt Ion: 56 Resp: 224254
Ion Ratio Lower Upper
56 100
69 30.8 29.2 43.8
84 83.3 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 54.367 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 97 Resp: 244043
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 45.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.055 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

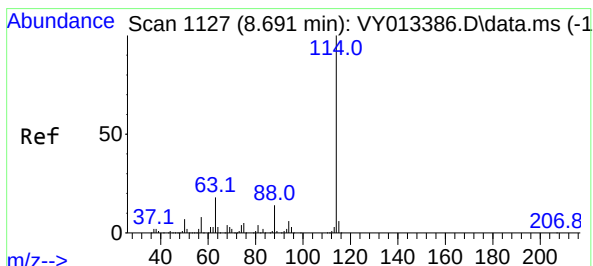
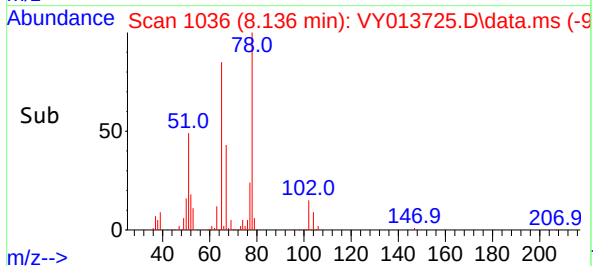
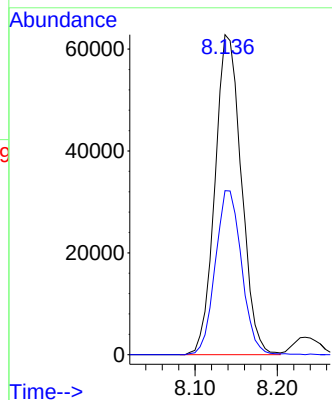
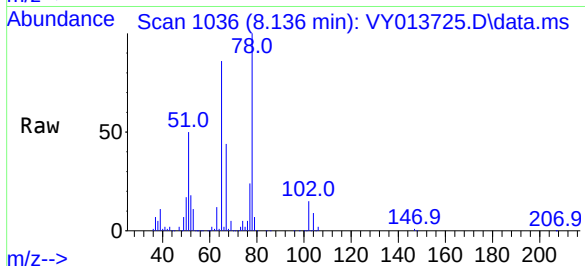
VSTDCCC050

Tgt Ion: 65 Resp: 140077

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

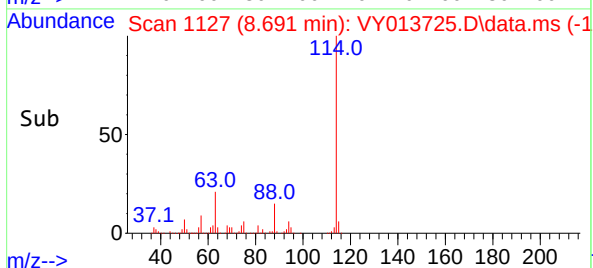
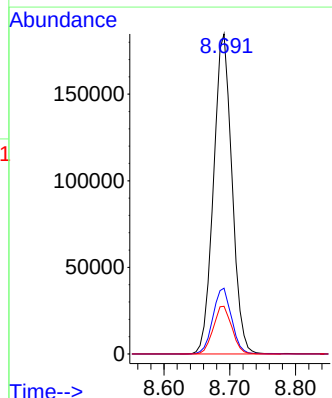
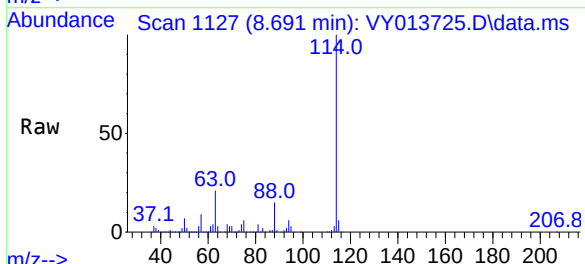
Tgt Ion: 114 Resp: 360787

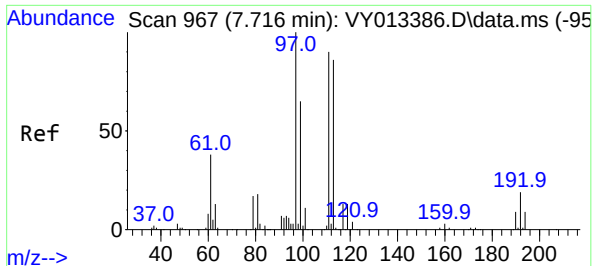
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.6

88 14.9 0.0 28.8

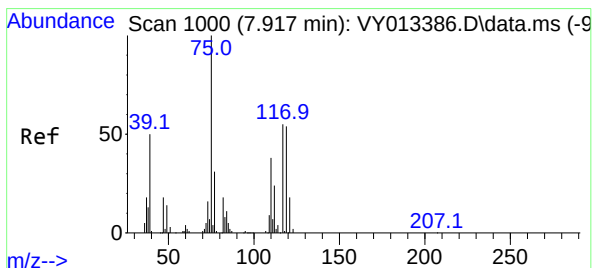
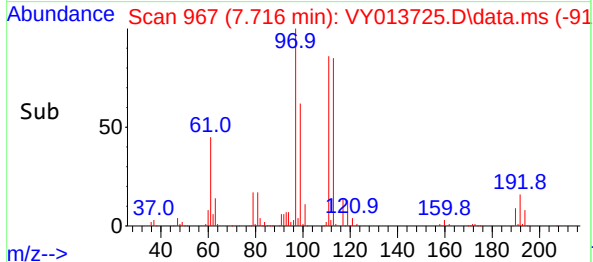
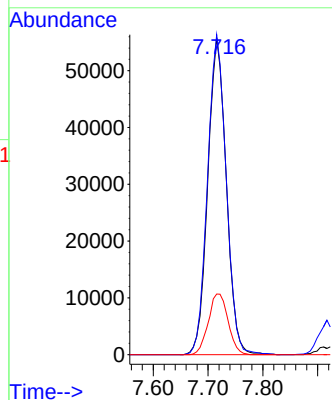
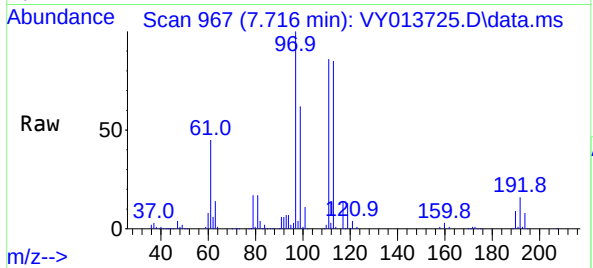




#35
Dibromofluoromethane
Concen: 57.396 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

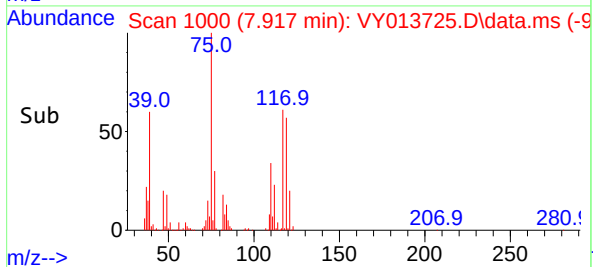
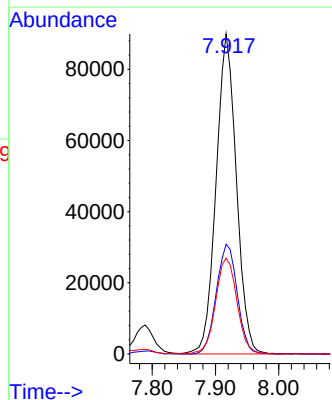
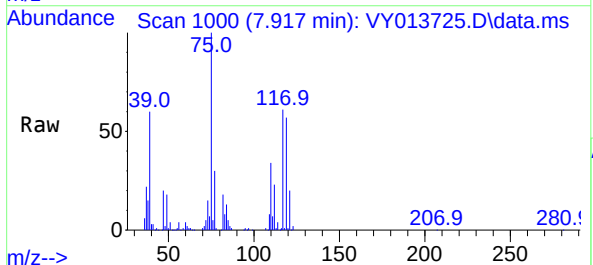
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

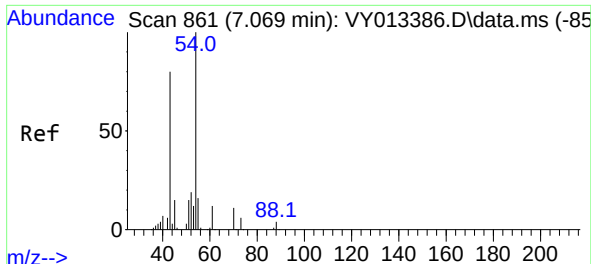
Tgt Ion:113 Resp: 130243
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 53.126 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 75 Resp: 200075
Ion Ratio Lower Upper
75 100
110 35.4 18.7 56.1
77 31.5 24.6 37.0

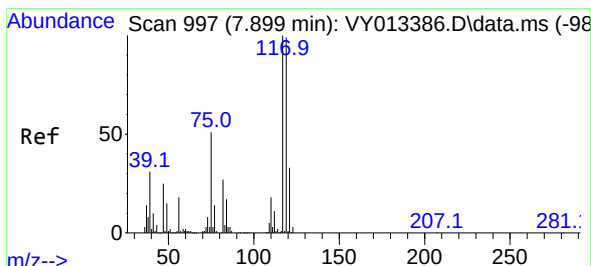
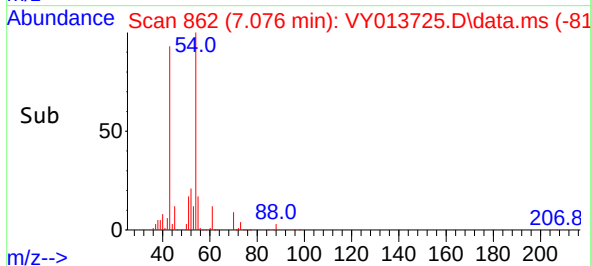
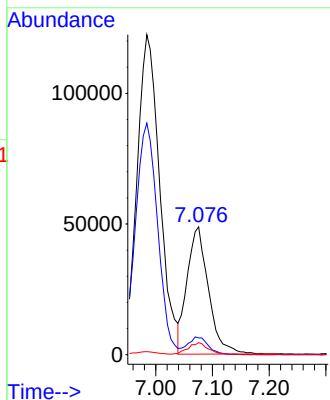
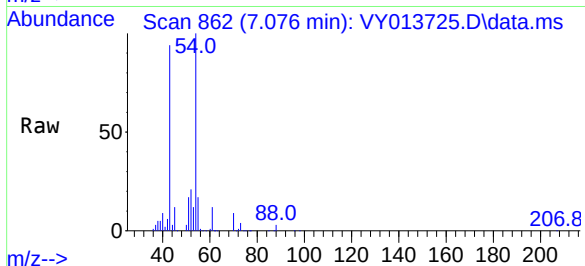




#37
Ethyl Acetate
Concen: 45.033 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

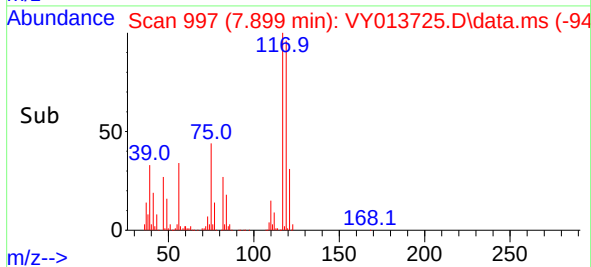
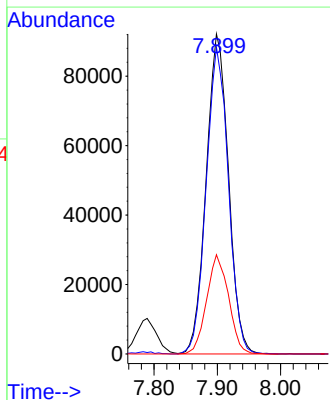
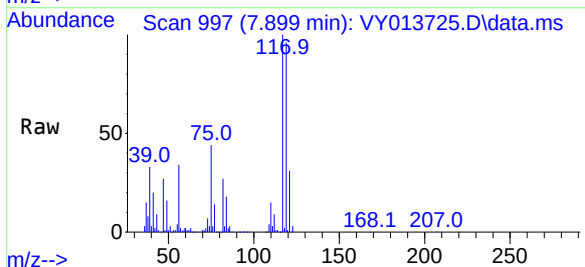
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

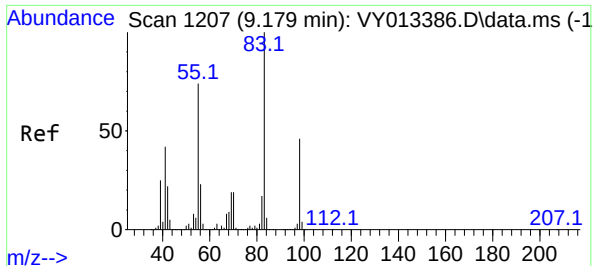
Tgt Ion: 43 Resp: 127625
Ion Ratio Lower Upper
43 100
61 12.8 11.4 17.0
70 9.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 57.218 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 117 Resp: 225855
Ion Ratio Lower Upper
117 100
119 95.9 79.0 118.6
121 31.0 26.6 40.0





#39

Methylcyclohexane

Concen: 52.617 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

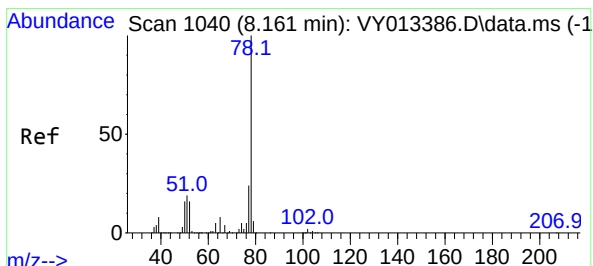
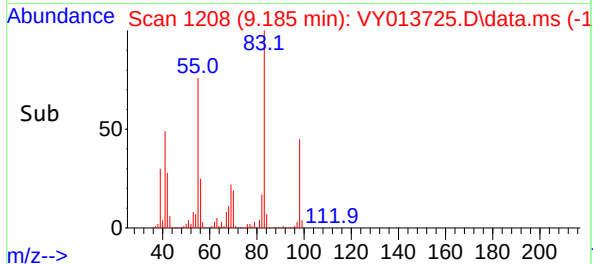
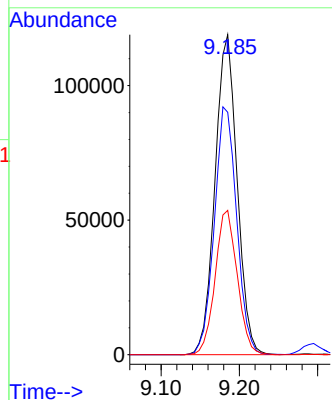
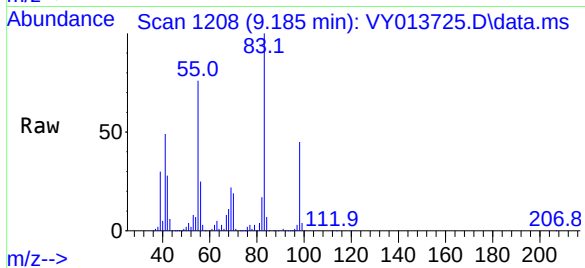
Tgt Ion: 83 Resp: 233609

Ion Ratio Lower Upper

83 100

55 75.8 59.0 88.4

98 45.1 37.0 55.4



#40

Benzene

Concen: 54.173 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013725.D

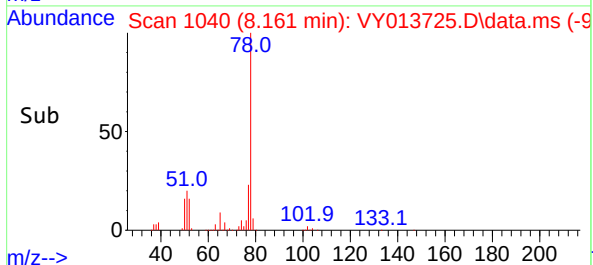
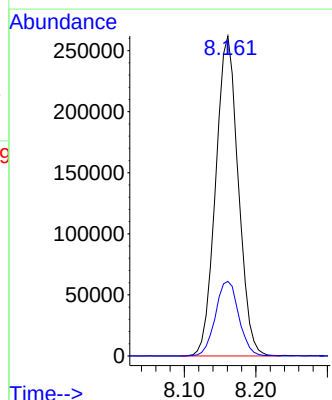
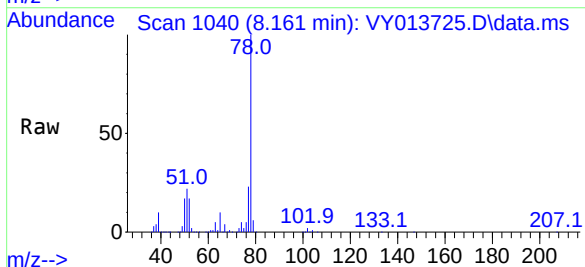
Acq: 15 May 2023 10:03

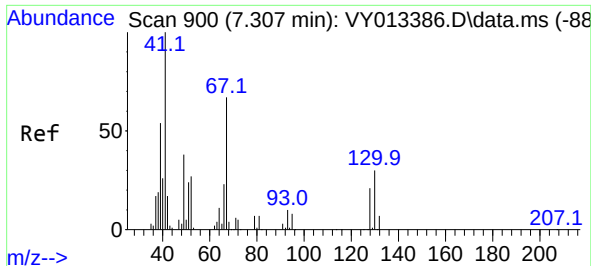
Tgt Ion: 78 Resp: 574696

Ion Ratio Lower Upper

78 100

77 23.3 19.2 28.8



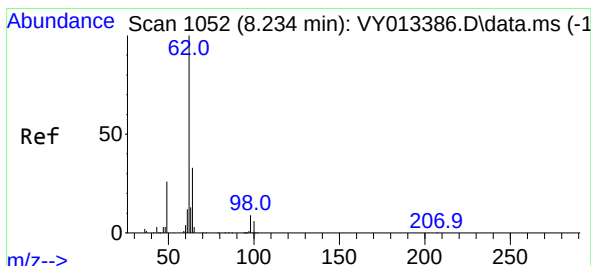
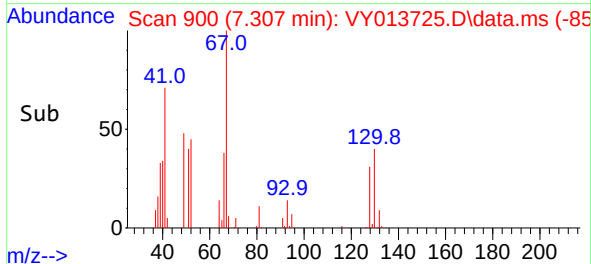
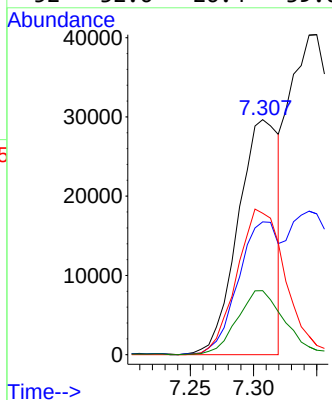
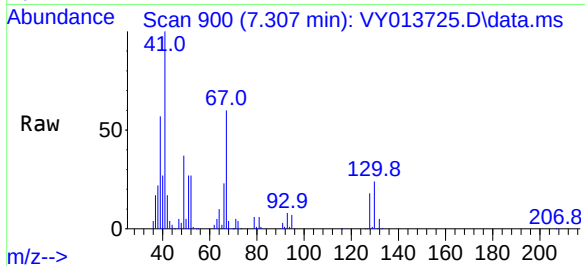


#41
Methacrylonitrile
Concen: 50.171 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 66259

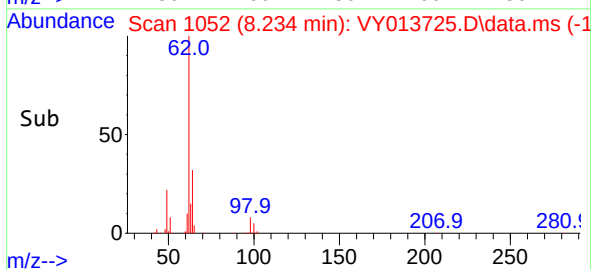
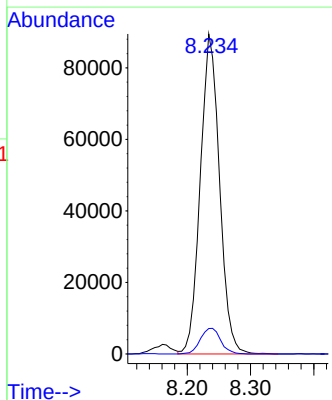
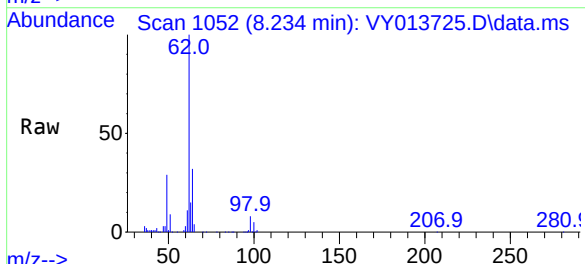
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.2	66.4
67	74.5	62.9	94.3
52	32.6	26.4	39.6

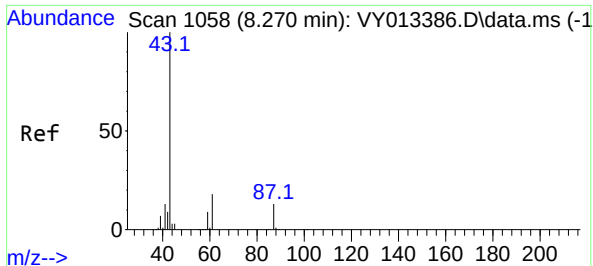


#42
1,2-Dichloroethane
Concen: 54.547 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 62 Resp: 189184

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

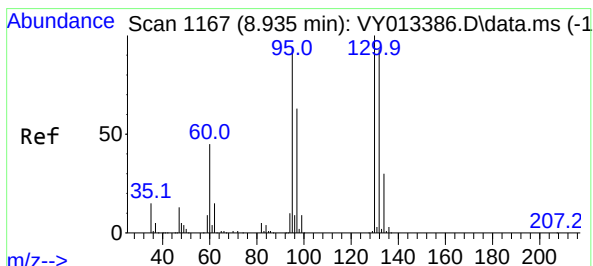
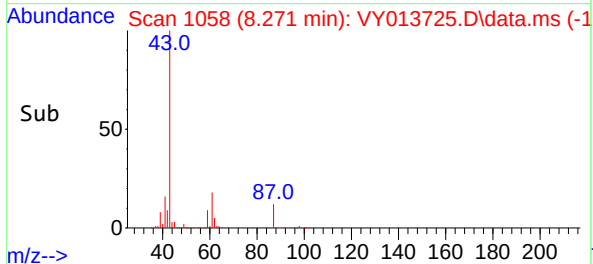
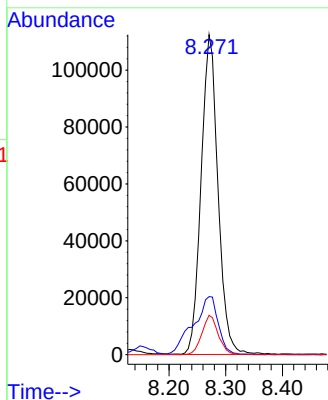
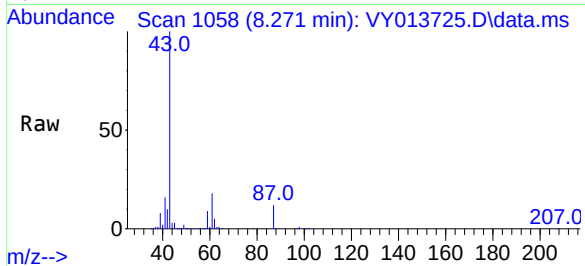




#43
Isopropyl Acetate
Concen: 48.547 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

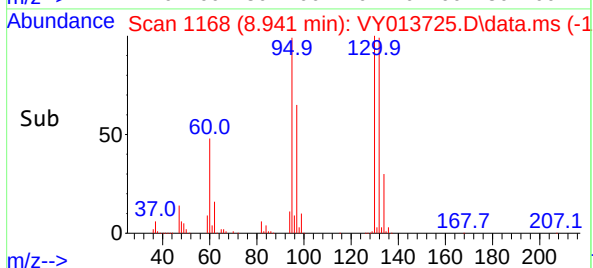
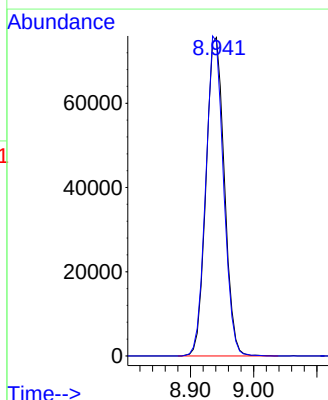
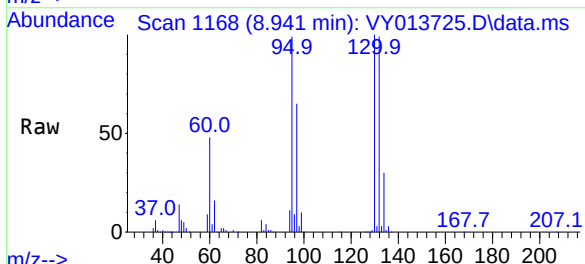
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

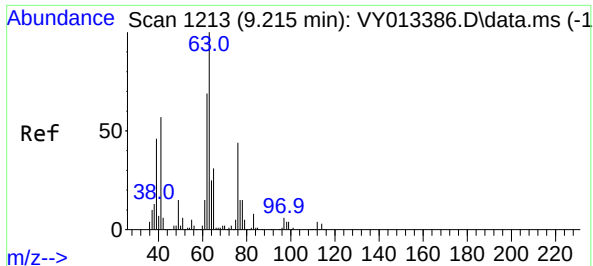
Tgt Ion: 43 Resp: 232228
Ion Ratio Lower Upper
43 100
61 27.0 22.2 33.4
87 12.0 11.0 16.6



#44
Trichloroethene
Concen: 53.780 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:130 Resp: 151760
Ion Ratio Lower Upper
130 100
95 98.8 0.0 188.8

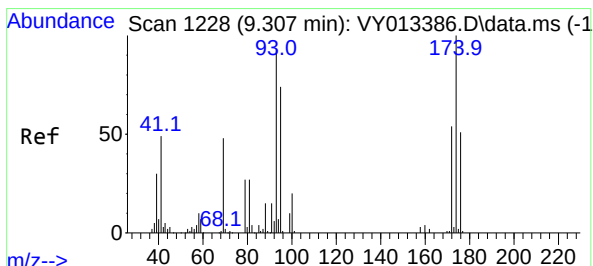
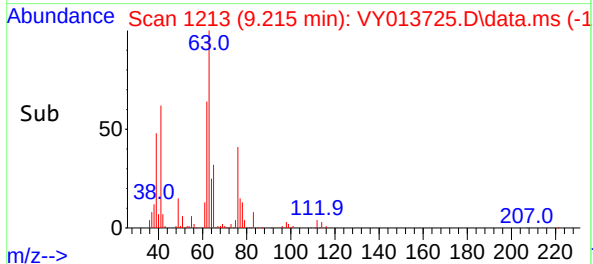
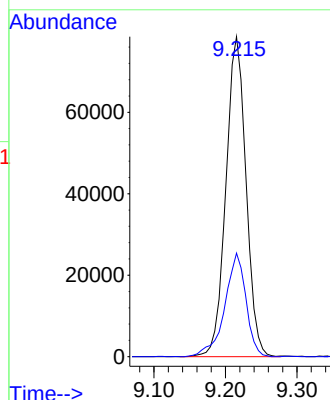
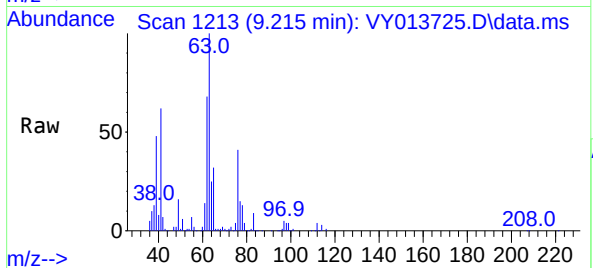




#45
1,2-Dichloropropane
Concen: 55.307 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

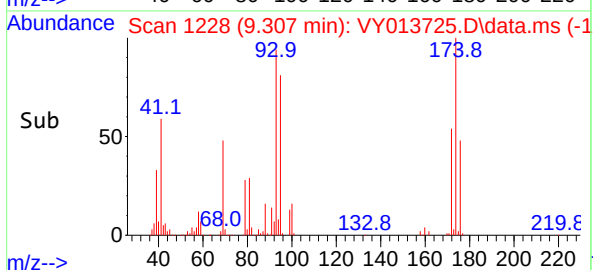
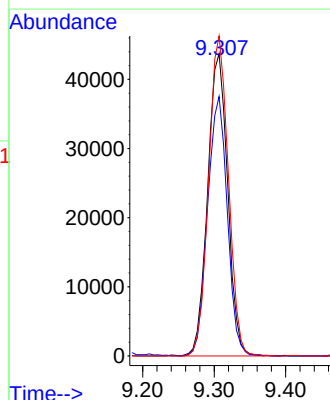
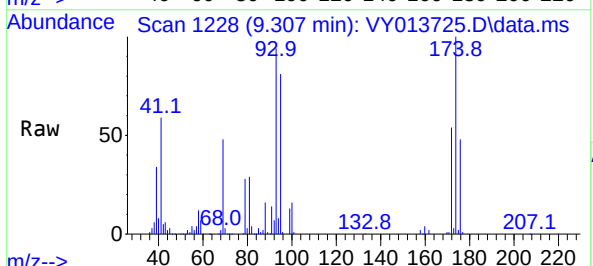
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

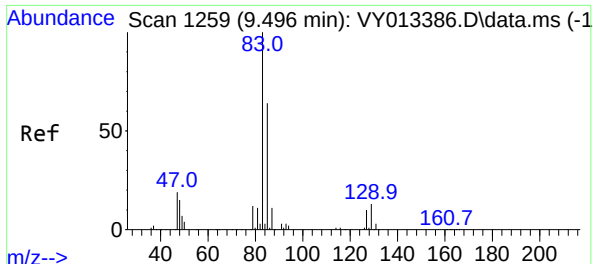
Tgt Ion: 63 Resp: 153408
Ion Ratio Lower Upper
63 100
65 32.4 24.6 37.0



#46
Dibromomethane
Concen: 51.220 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 93 Resp: 85007
Ion Ratio Lower Upper
93 100
95 84.6 67.1 100.7
174 104.5 87.0 130.4





#47

Bromodichloromethane

Concen: 57.128 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

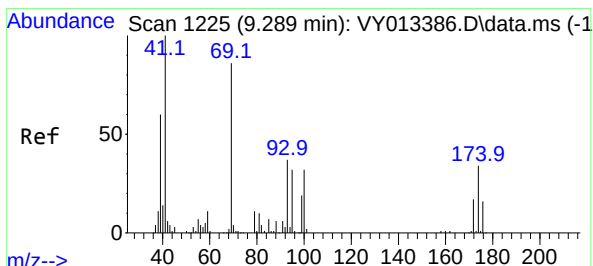
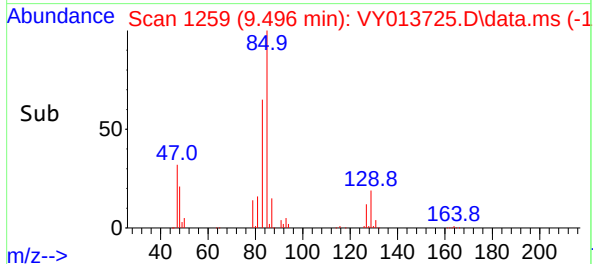
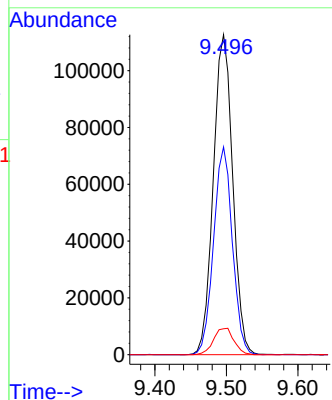
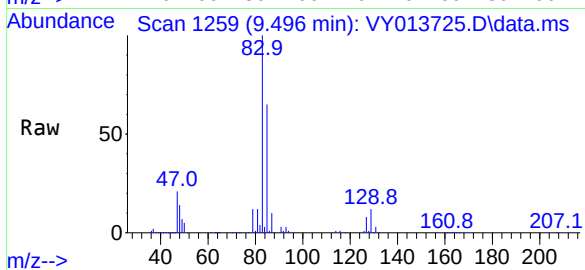
Tgt Ion: 83 Resp: 212151

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.2

127 8.1 8.1 12.1#



#48

Methyl methacrylate

Concen: 49.604 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

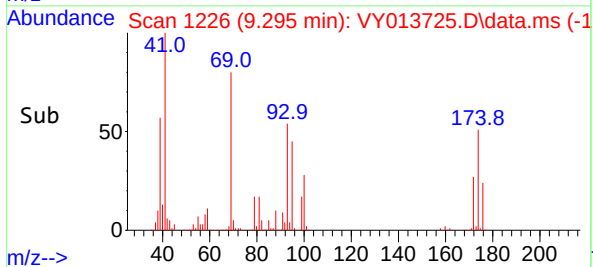
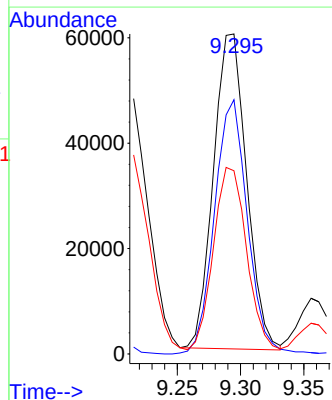
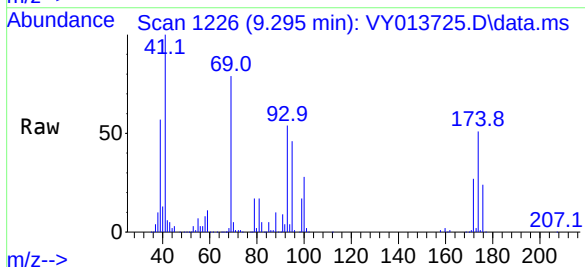
Tgt Ion: 41 Resp: 108977

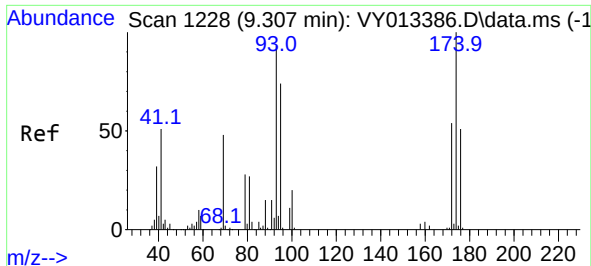
Ion Ratio Lower Upper

41 100

69 80.2 70.2 105.4

39 58.1 47.9 71.9





#49

1,4-Dioxane

Concen: 927.309 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

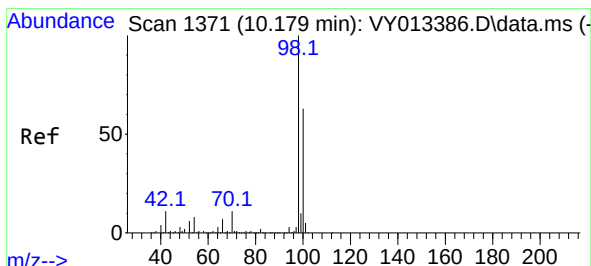
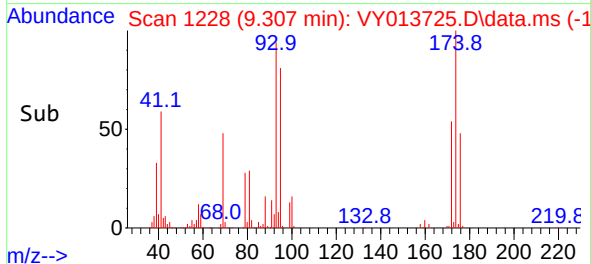
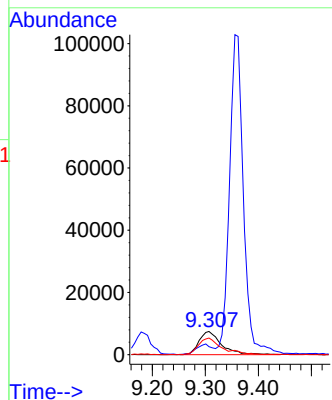
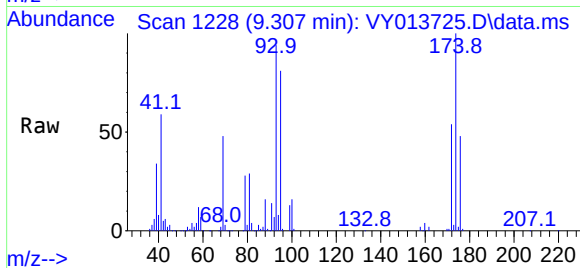
Tgt Ion: 88 Resp: 21980

Ion Ratio Lower Upper

88 100

43 31.8 16.8 25.2#

58 75.6 54.3 81.5



#50

Toluene-d8

Concen: 52.533 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013725.D

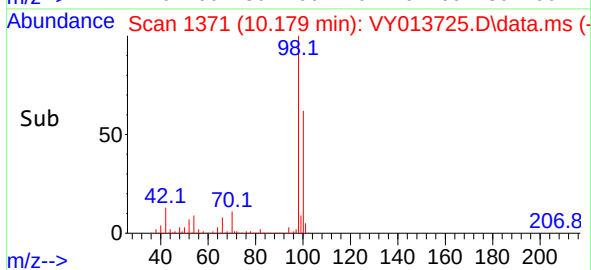
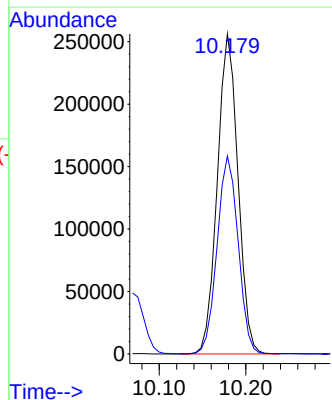
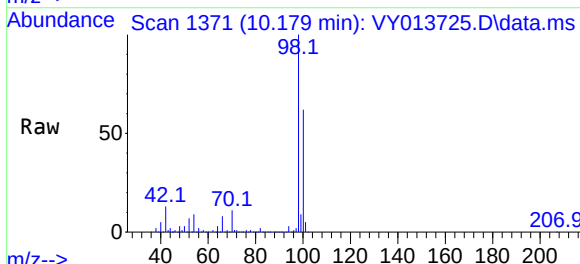
Acq: 15 May 2023 10:03

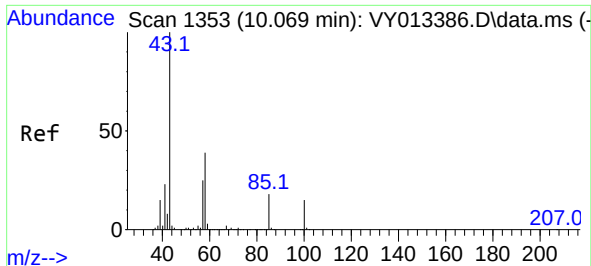
Tgt Ion: 98 Resp: 424066

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7

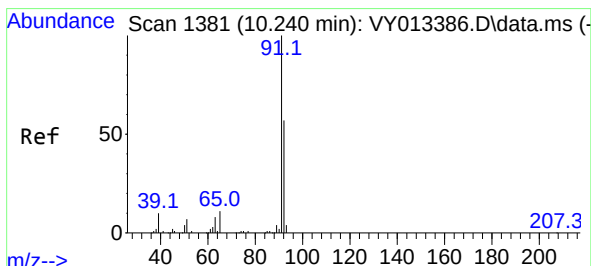
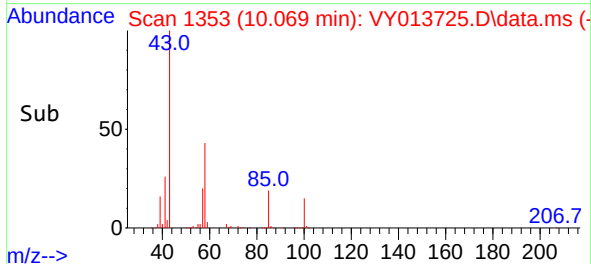
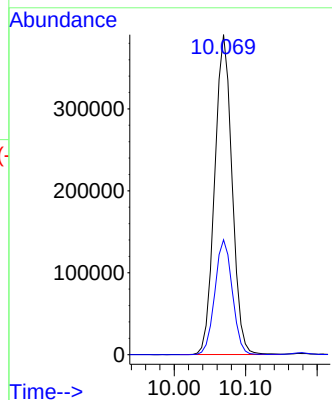
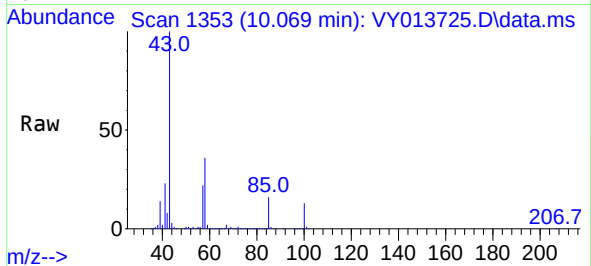




#51
4-Methyl-2-Pentanone
Concen: 247.313 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

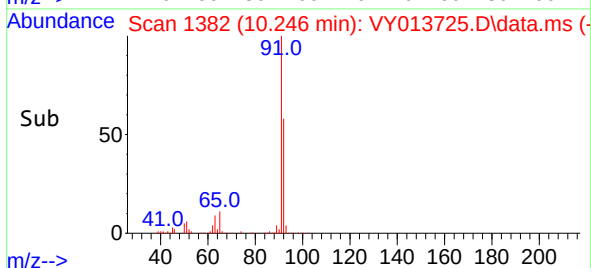
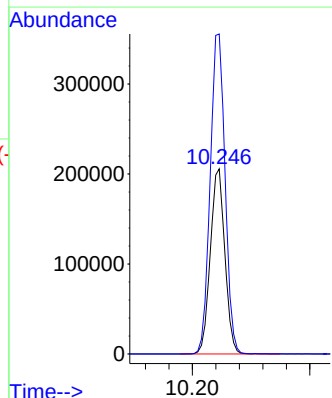
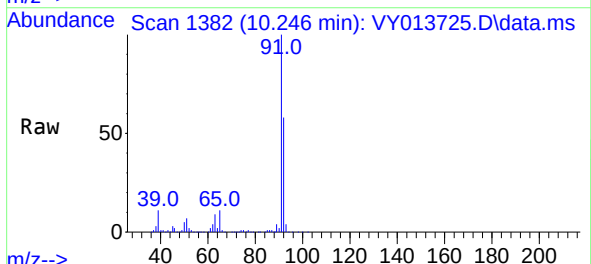
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

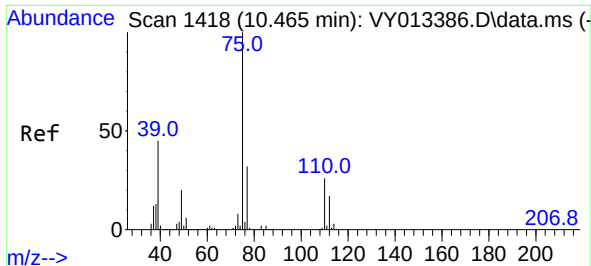
Tgt Ion: 43 Resp: 659247
Ion Ratio Lower Upper
43 100
58 36.1 30.6 46.0



#52
Toluene
Concen: 55.361 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 92 Resp: 353415
Ion Ratio Lower Upper
92 100
91 177.4 140.2 210.4

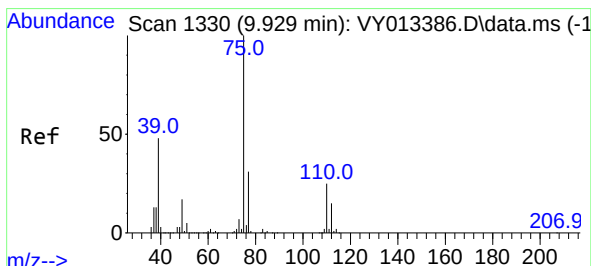
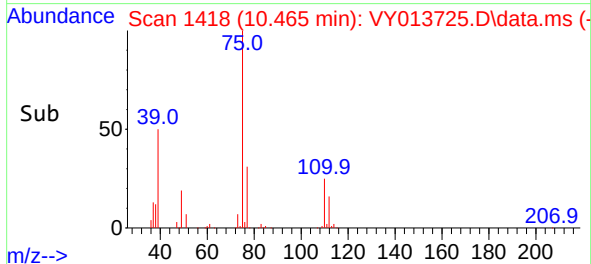
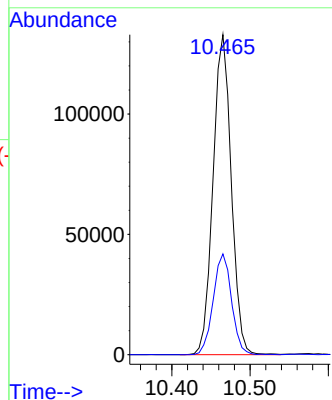
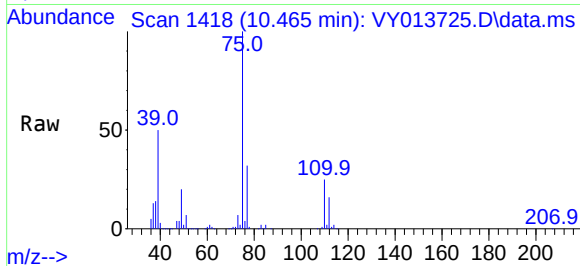




#53
t-1,3-Dichloropropene
Concen: 54.694 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

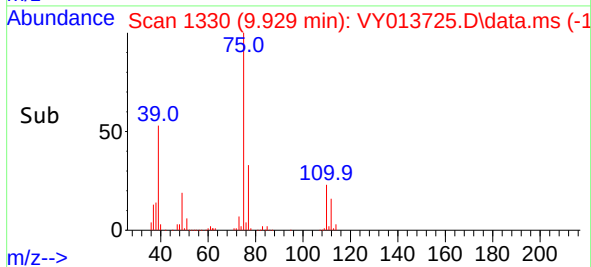
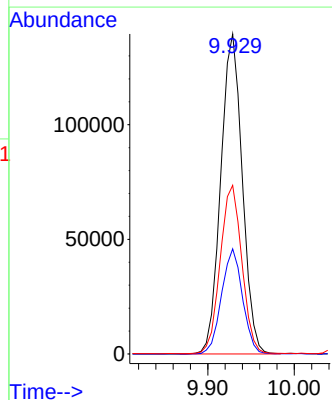
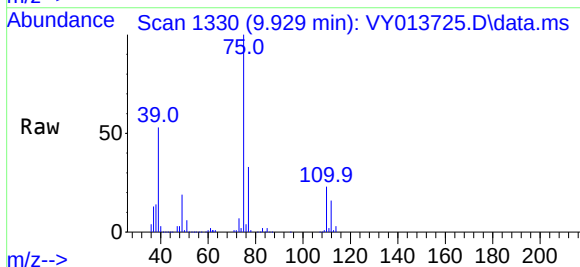
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

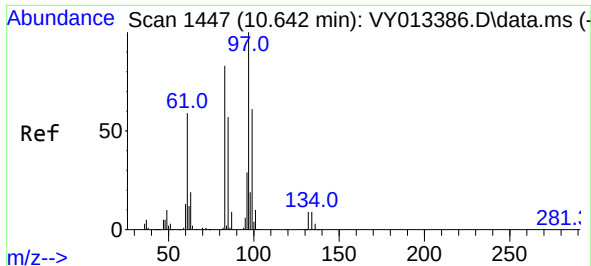
Tgt Ion: 75 Resp: 214963
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 54.466 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 75 Resp: 240877
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2
39 52.6 38.1 57.1



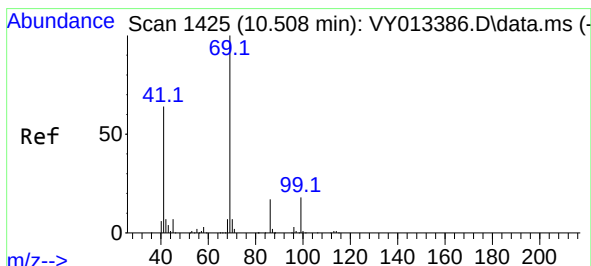
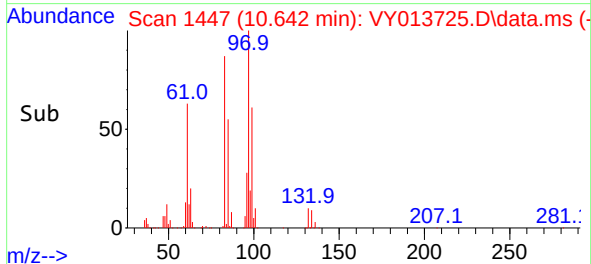
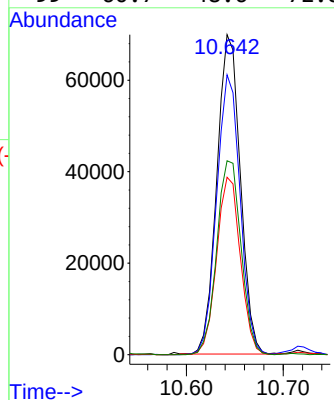
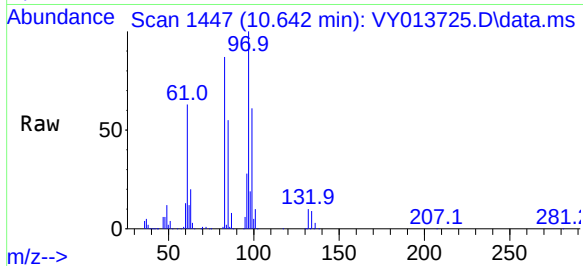


#55
1,1,2-Trichloroethane
Concen: 53.537 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 117665

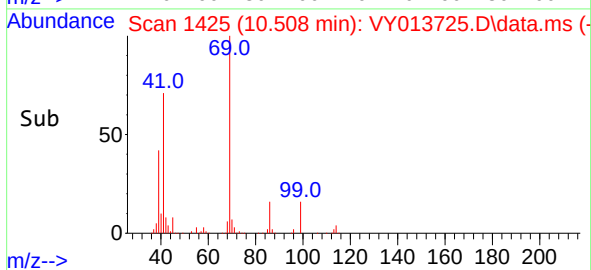
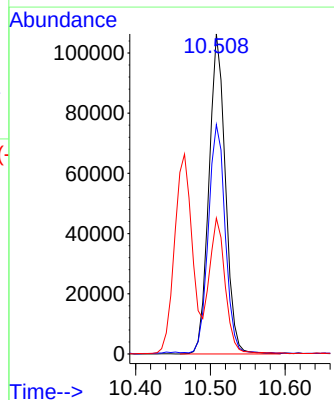
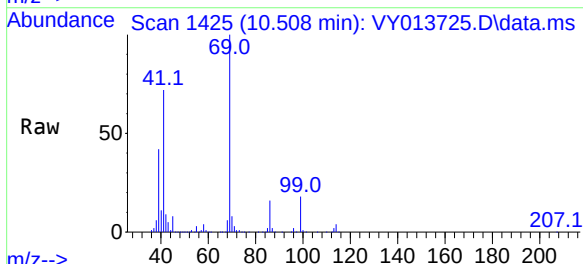
Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.4	99.6
85	55.5	45.6	68.4
99	60.7	48.6	72.8

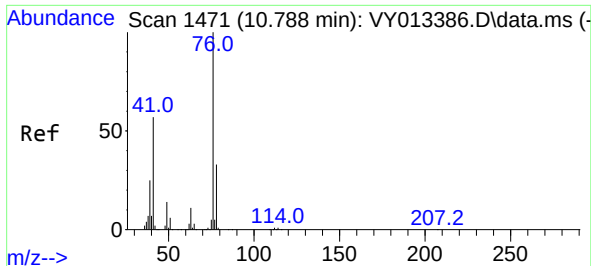


#56
Ethyl methacrylate
Concen: 53.350 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 69 Resp: 162672

Ion	Ratio	Lower	Upper
69	100		
41	73.4	51.4	77.0
39	40.3	29.0	43.6





#57

1,3-Dichloropropane

Concen: 54.356 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

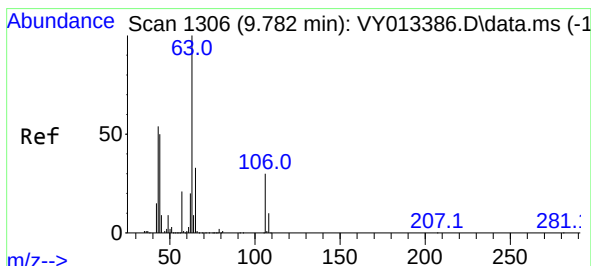
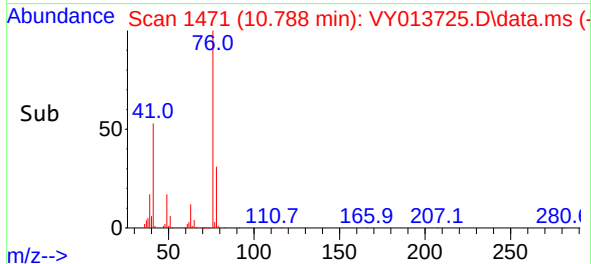
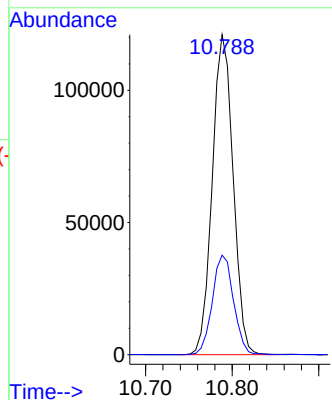
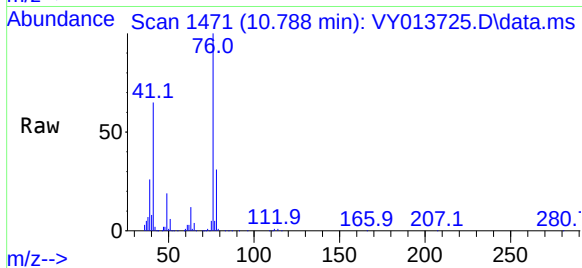
VSTDCCC050

Tgt Ion: 76 Resp: 202325

Ion Ratio Lower Upper

76 100

78 31.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 233.891 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013725.D

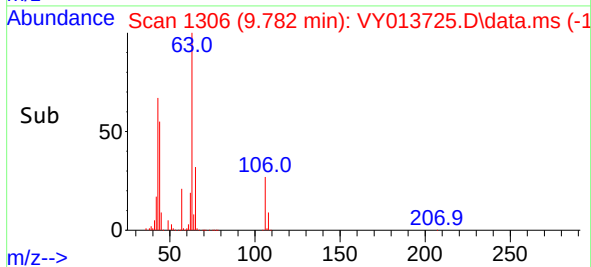
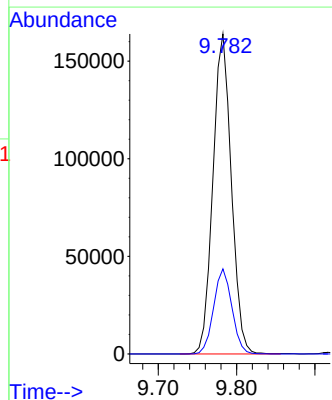
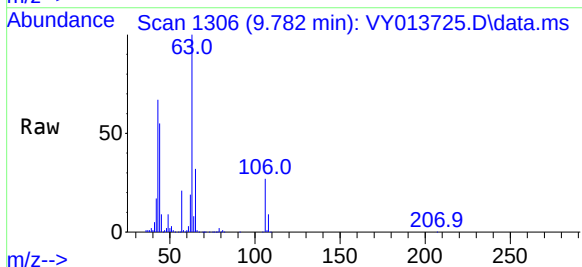
Acq: 15 May 2023 10:03

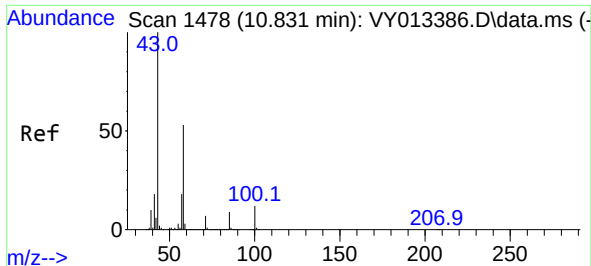
Tgt Ion: 63 Resp: 267428

Ion Ratio Lower Upper

63 100

106 26.3 23.5 35.3

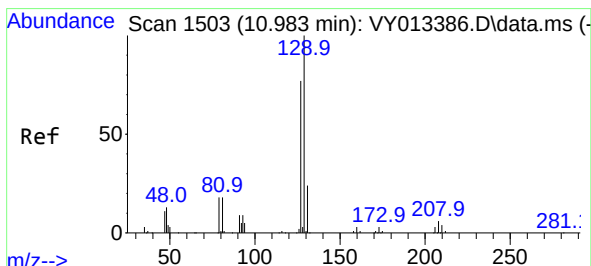
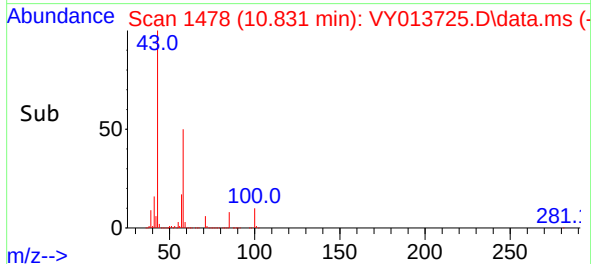
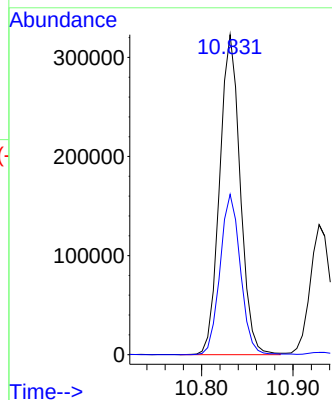
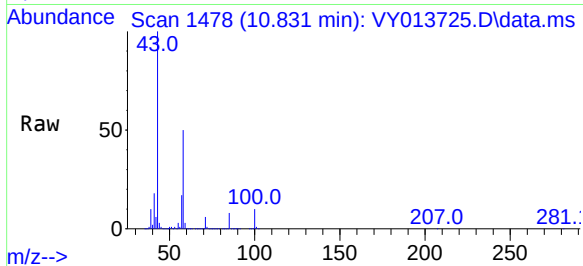




#59
2-Hexanone
Concen: 260.501 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

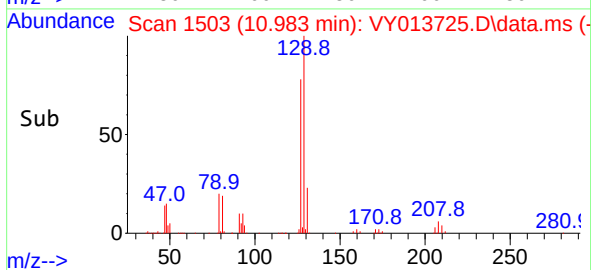
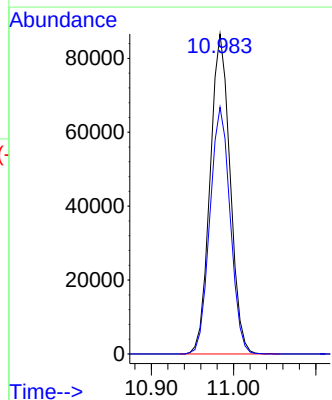
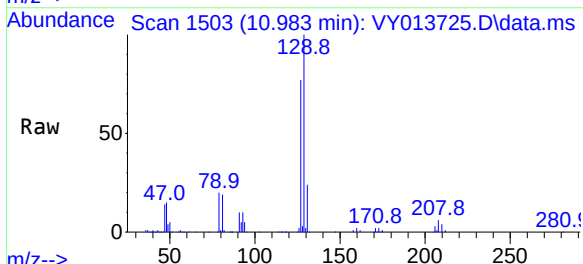
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

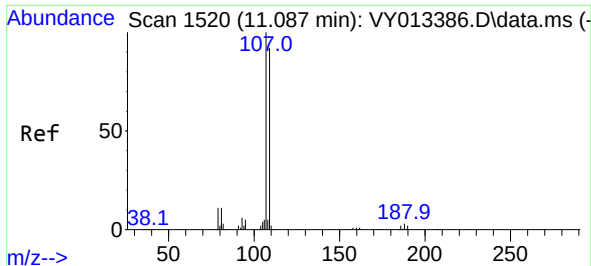
Tgt Ion: 43 Resp: 504775
Ion Ratio Lower Upper
43 100
58 49.7 26.3 78.8



#60
Dibromochloromethane
Concen: 54.860 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:129 Resp: 146403
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

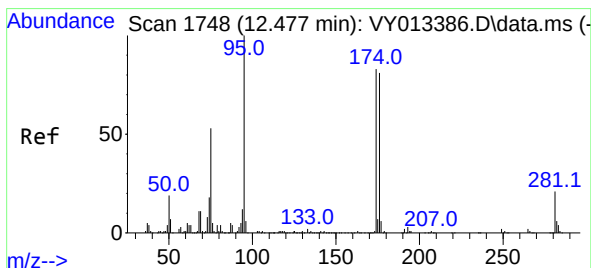
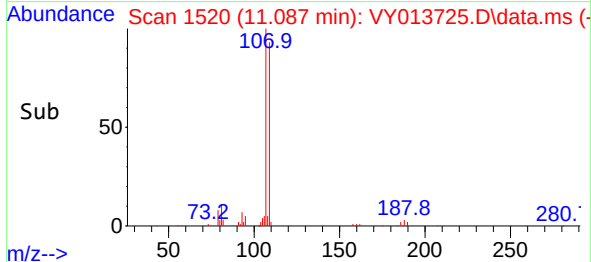
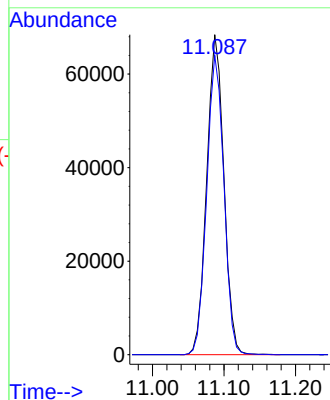
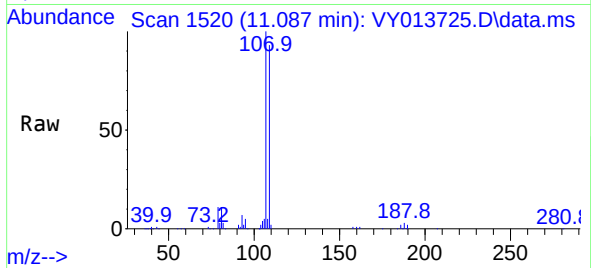




#61
1,2-Dibromoethane
Concen: 52.707 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

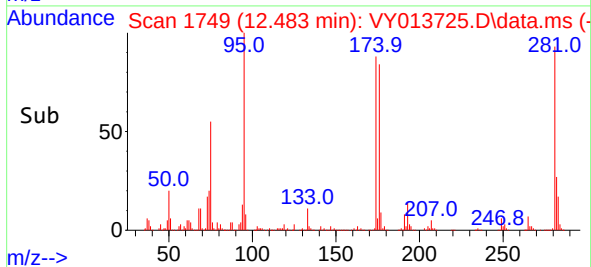
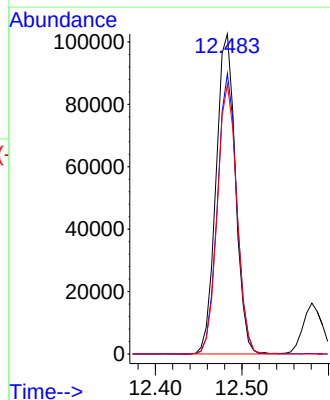
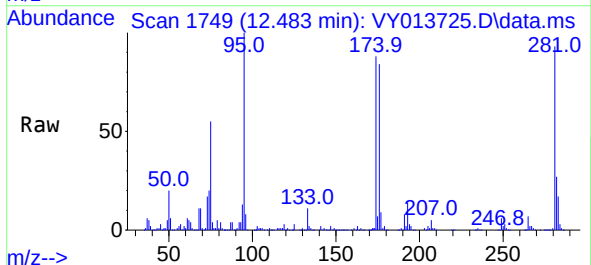
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

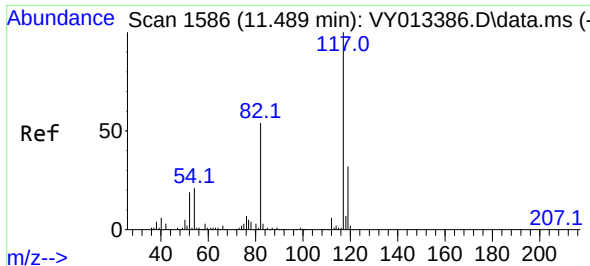
Tgt Ion:107 Resp: 113891
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.663 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 95 Resp: 159647
Ion Ratio Lower Upper
95 100
174 86.9 0.0 182.0
176 84.5 0.0 175.4



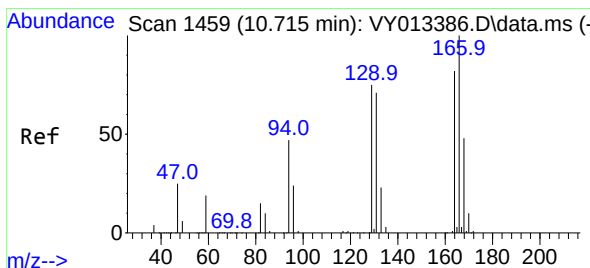
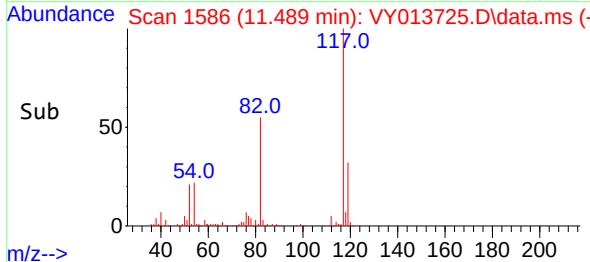
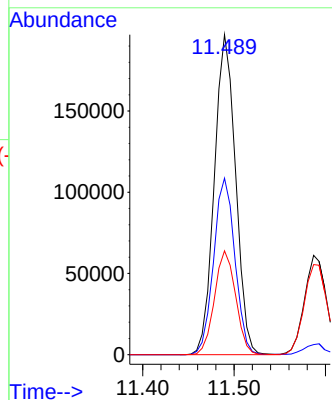
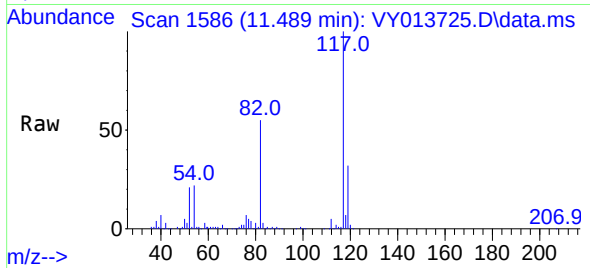


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 318547

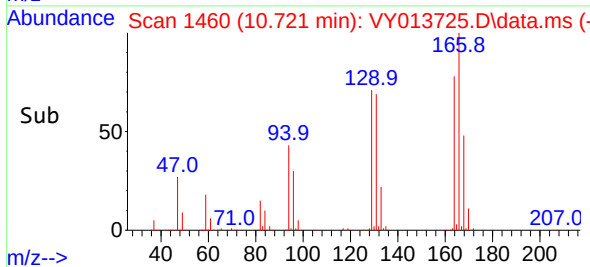
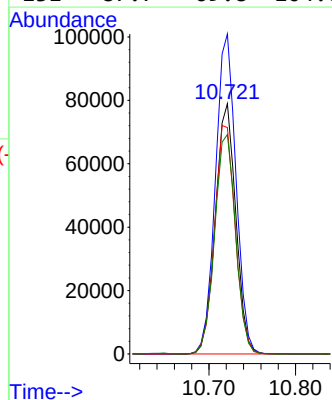
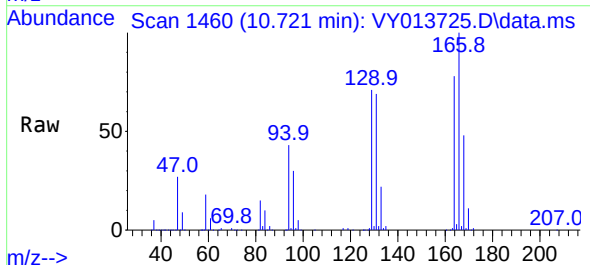
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.0	64.6
119	32.4	25.5	38.3

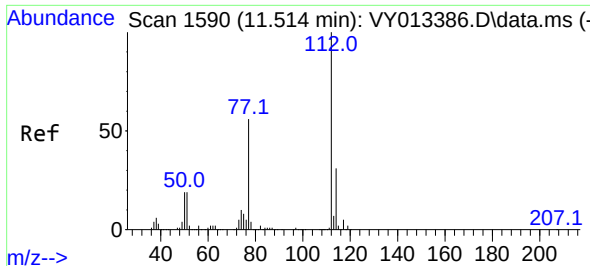


#64
Tetrachloroethene
Concen: 53.579 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:164 Resp: 129781

Ion	Ratio	Lower	Upper
164	100		
166	127.9	97.5	146.3
129	90.5	72.6	109.0
131	87.7	69.8	104.6

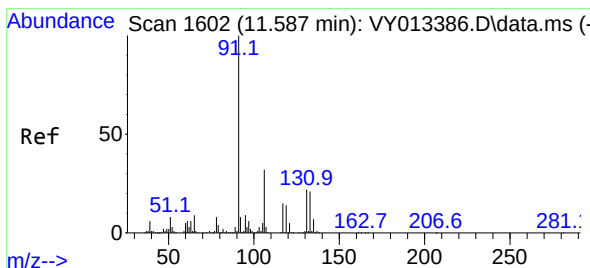
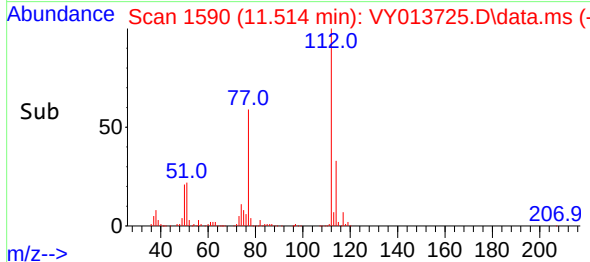
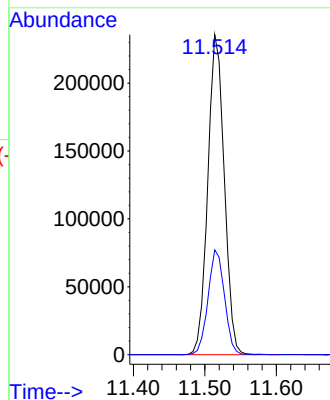
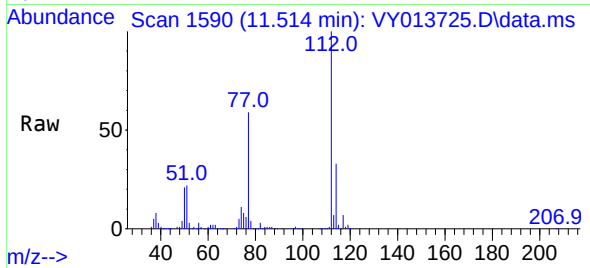




#65
Chlorobenzene
Concen: 54.330 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

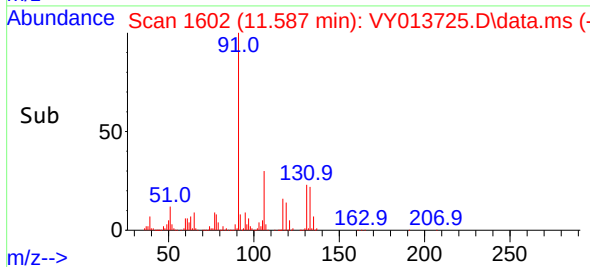
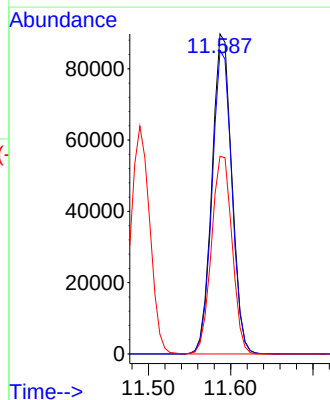
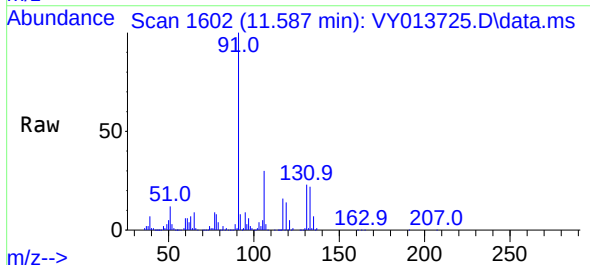
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

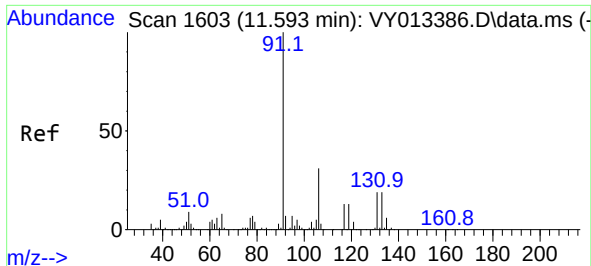
Tgt Ion:112 Resp: 377008
Ion Ratio Lower Upper
112 100
114 32.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 57.839 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:131 Resp: 150105
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 64.4 32.6 98.0





#67

Ethyl Benzene

Concen: 56.486 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

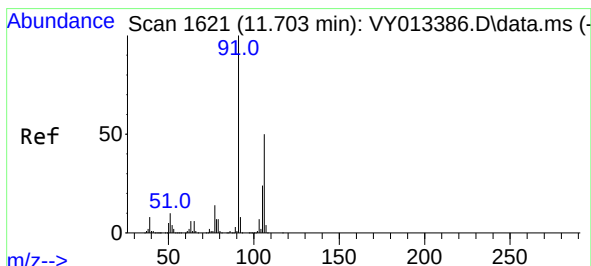
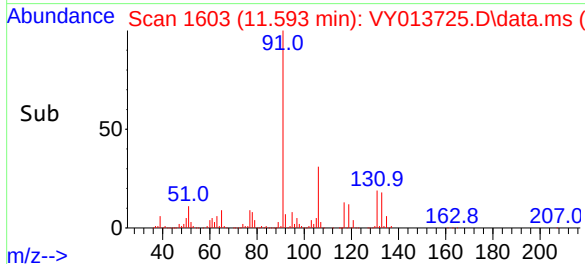
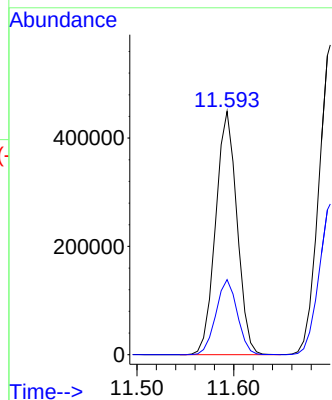
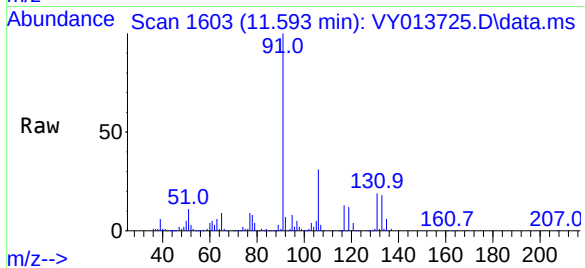
VSTDCCC050

Tgt Ion: 91 Resp: 688286

Ion Ratio Lower Upper

91 100

106 30.8 25.1 37.7



#68

m/p-Xylenes

Concen: 113.801 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013725.D

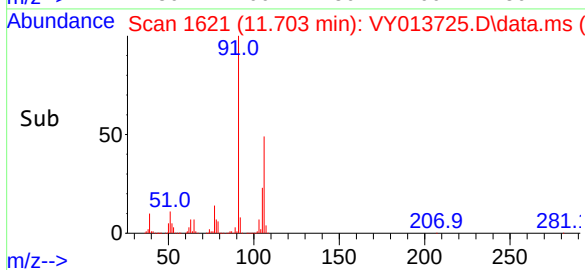
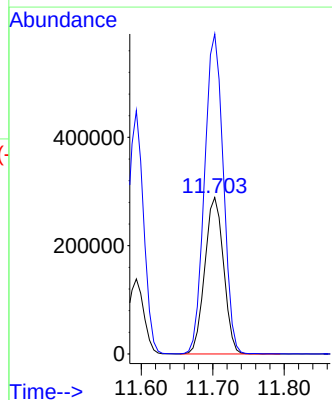
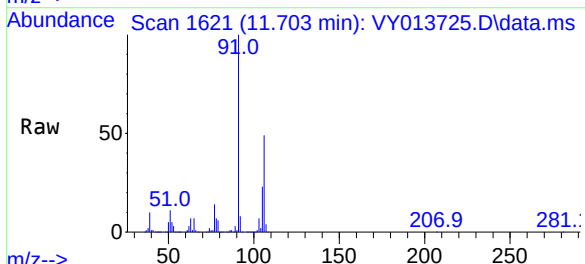
Acq: 15 May 2023 10:03

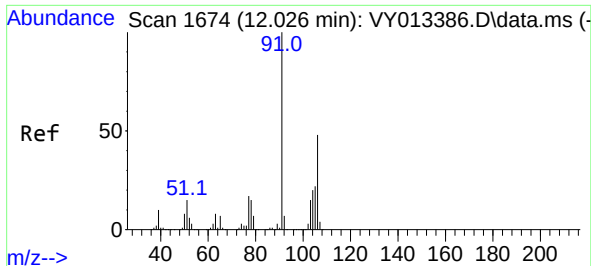
Tgt Ion:106 Resp: 527152

Ion Ratio Lower Upper

106 100

91 204.2 160.9 241.3

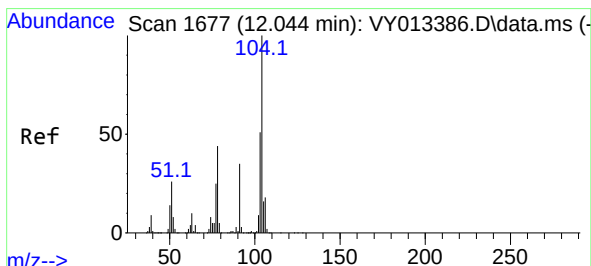
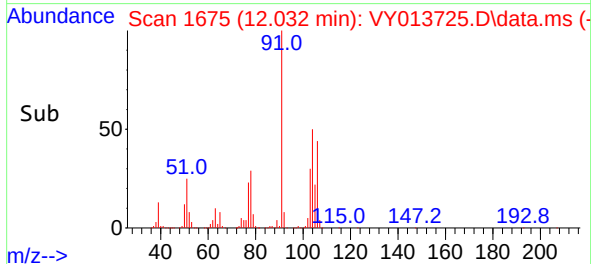
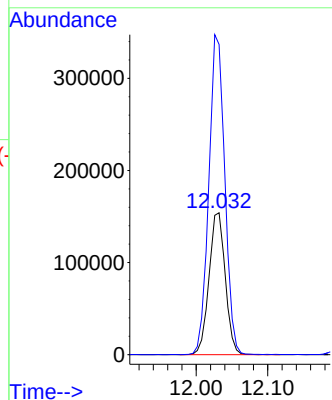
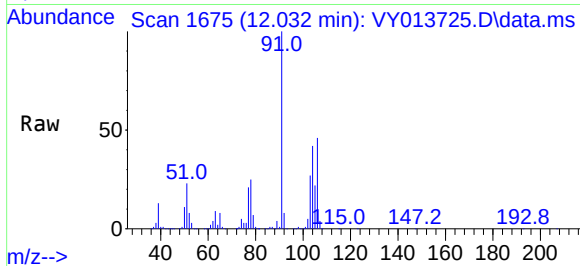




#69
o-Xylene
Concen: 55.416 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

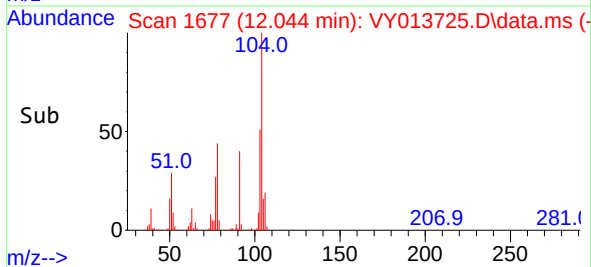
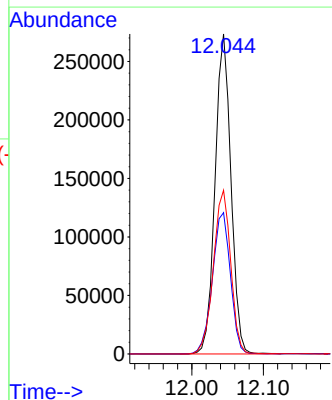
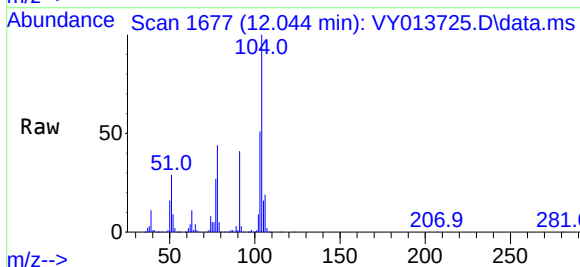
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

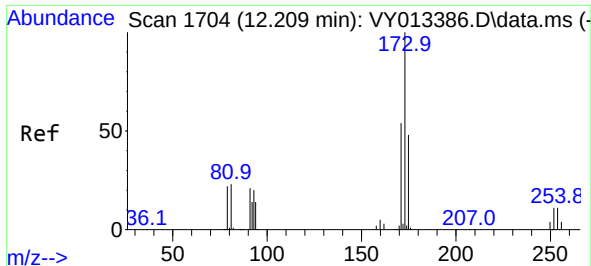
Tgt Ion:106 Resp: 242776
Ion Ratio Lower Upper
106 100
91 222.0 105.5 316.4



#70
Styrene
Concen: 57.591 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:104 Resp: 421859
Ion Ratio Lower Upper
104 100
78 50.2 40.3 60.5
103 55.9 45.0 67.4

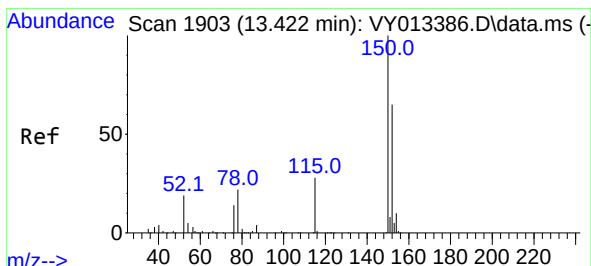
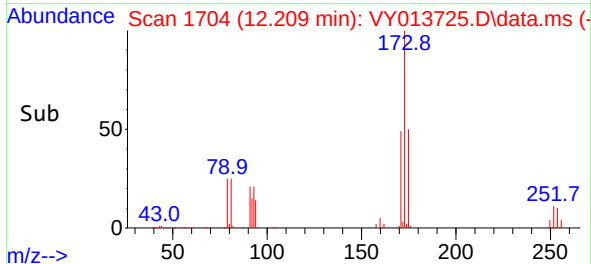
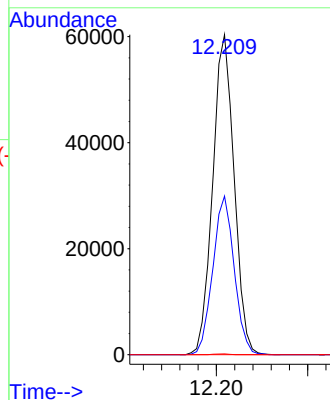
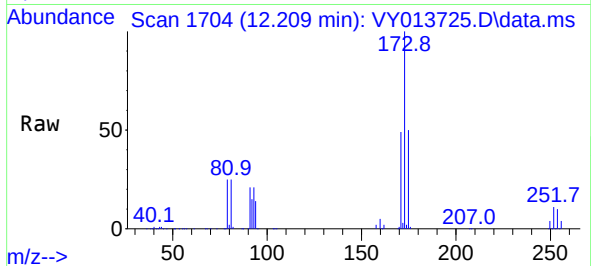




#71
Bromoform
Concen: 53.962 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

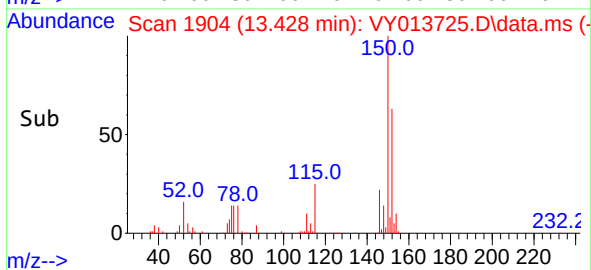
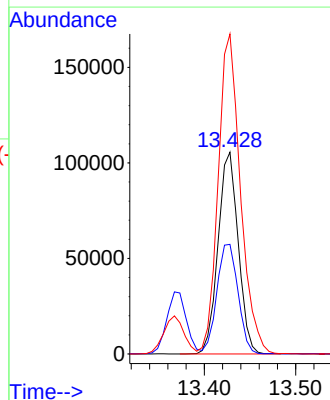
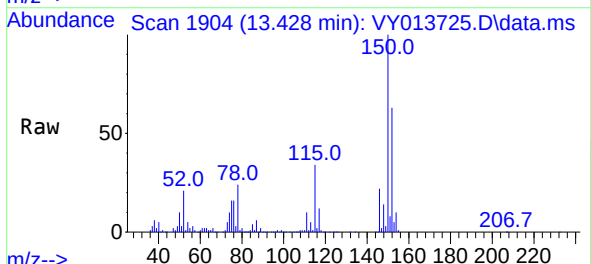
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

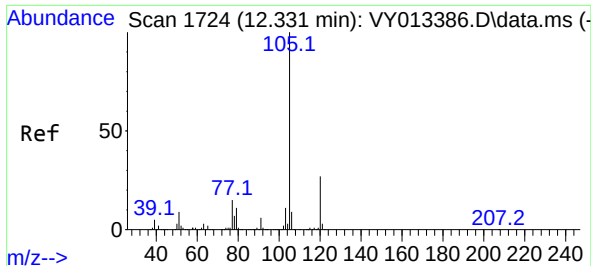
Tgt Ion:173 Resp: 98094
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:152 Resp: 162241
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 175.1 0.0 352.0

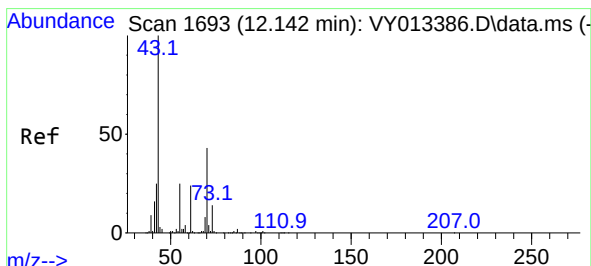
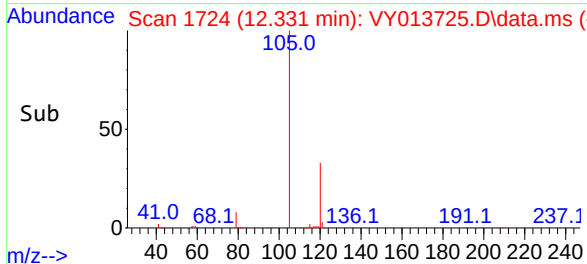
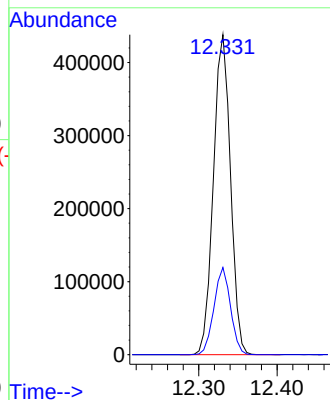
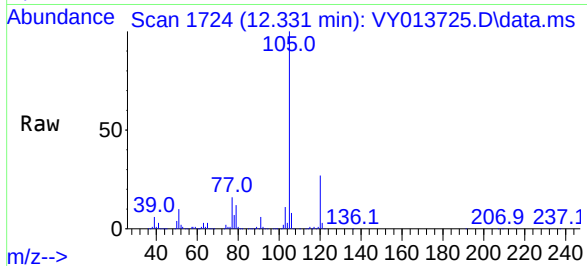




#73
Isopropylbenzene
Concen: 54.113 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

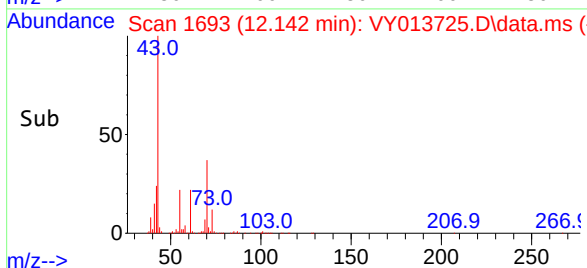
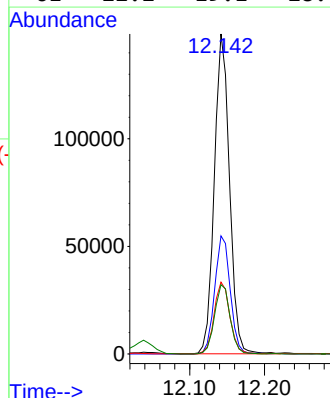
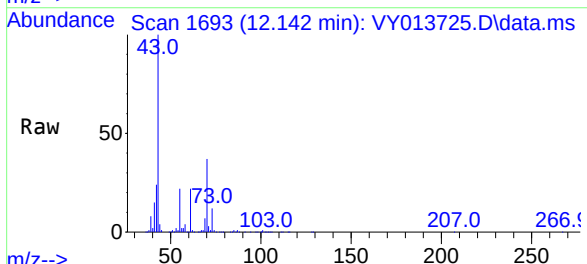
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

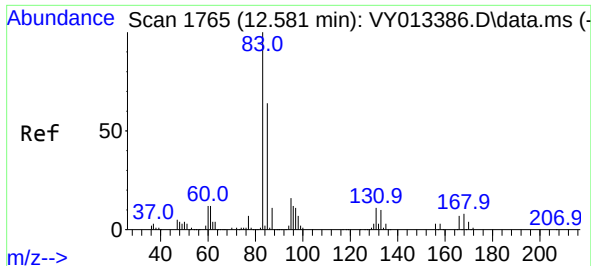
Tgt Ion:105 Resp: 664035
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0



#74
N-ethyl acetate
Concen: 48.050 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 43 Resp: 209827
Ion Ratio Lower Upper
43 100
70 37.8 33.0 49.4
55 23.4 19.8 29.6
61 22.2 19.1 28.7

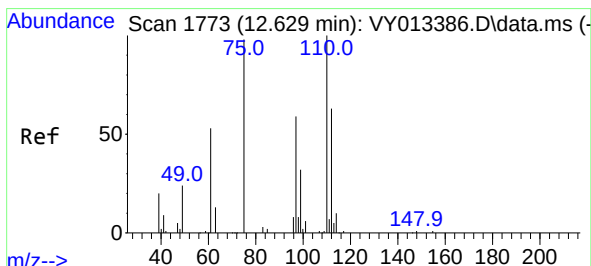
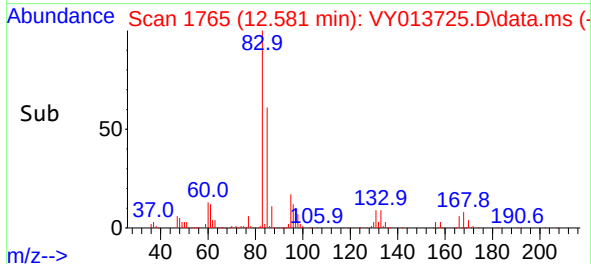
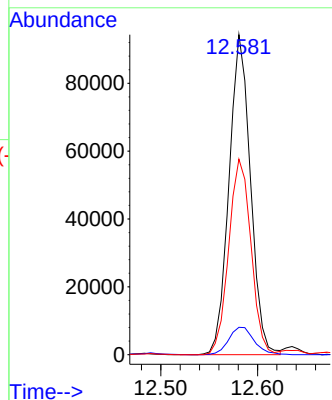
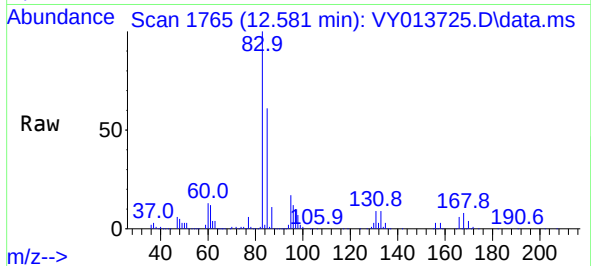




#75
1,1,2,2-Tetrachloroethane
Concen: 48.469 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

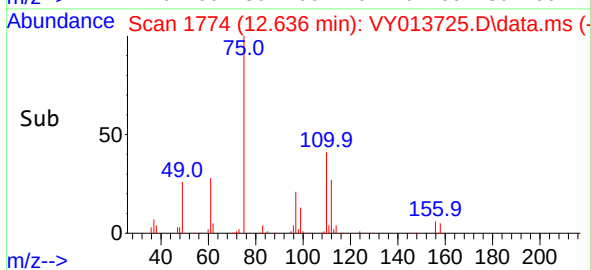
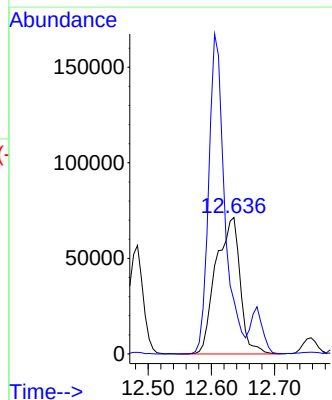
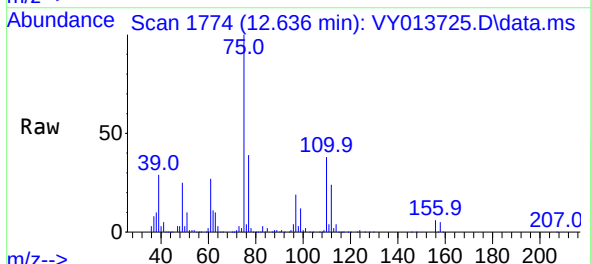
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

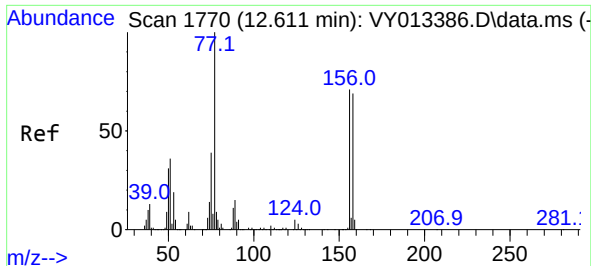
Tgt Ion: 83 Resp: 145380
Ion Ratio Lower Upper
83 100
131 10.2 5.7 17.0
85 63.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 86.912 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 75 Resp: 190164
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

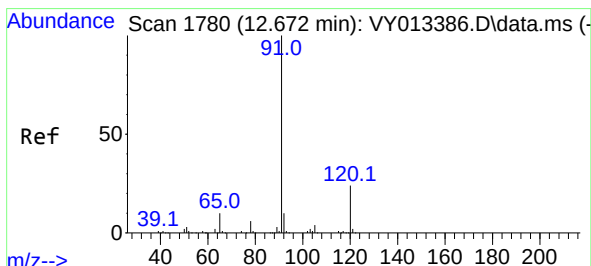
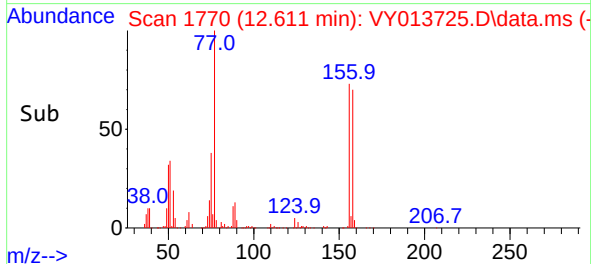
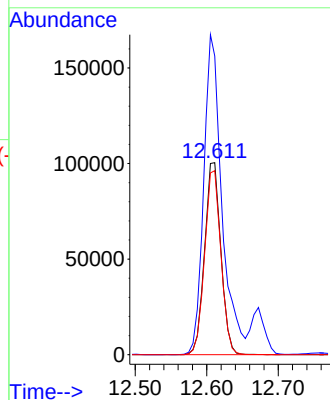
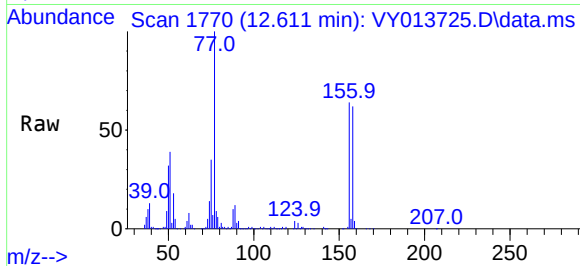




#77
Bromobenzene
Concen: 53.522 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

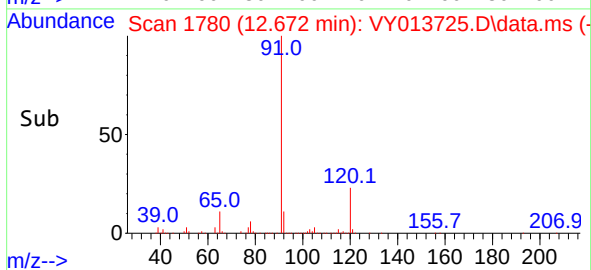
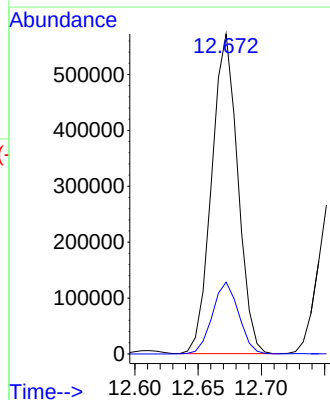
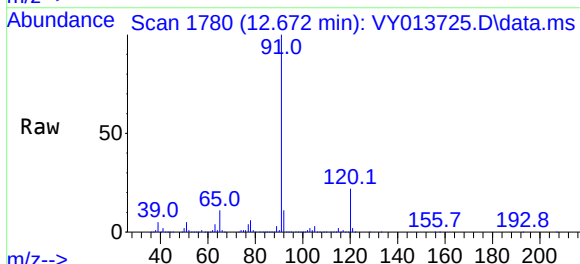
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

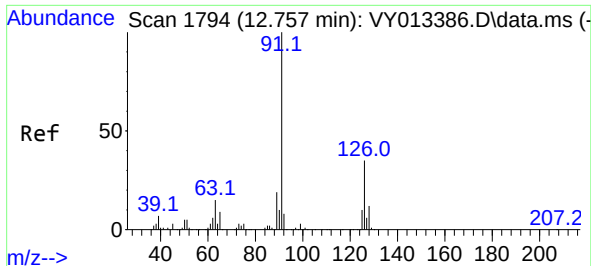
Tgt Ion:156 Resp: 159141
Ion Ratio Lower Upper
156 100
77 185.9 87.6 262.9
158 96.1 48.5 145.5



#78
n-propylbenzene
Concen: 54.353 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 91 Resp: 821541
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

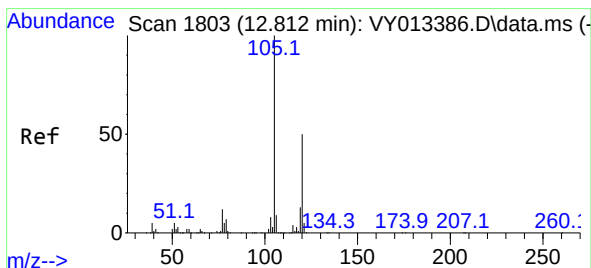
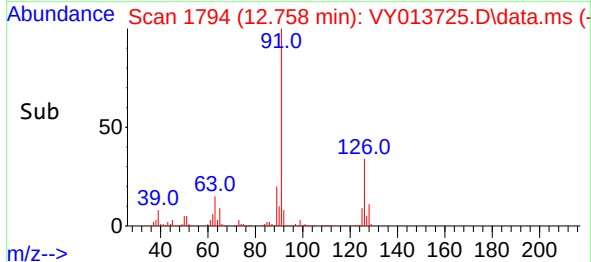
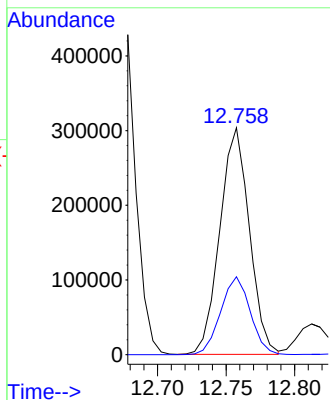
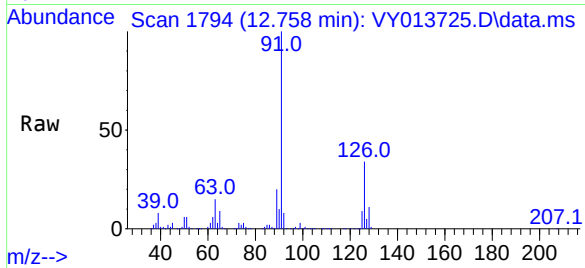




#79
2-Chlorotoluene
Concen: 53.969 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

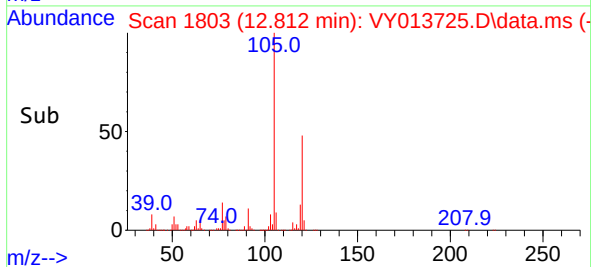
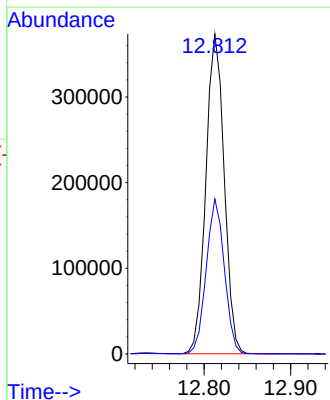
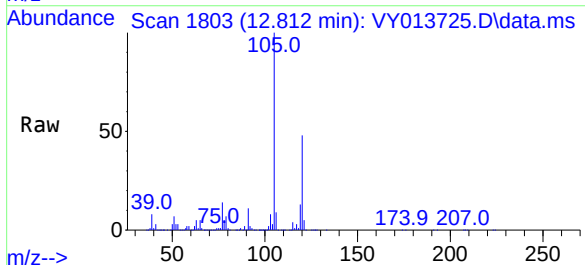
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

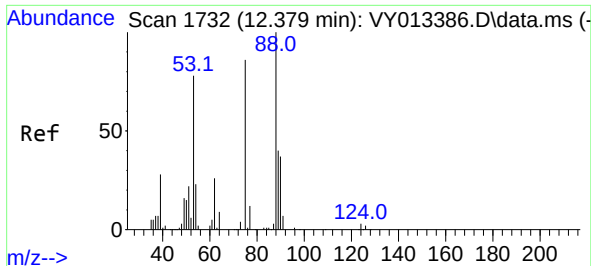
Tgt Ion: 91 Resp: 455532
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 54.727 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 105 Resp: 548131
Ion Ratio Lower Upper
105 100
120 48.1 24.7 74.1

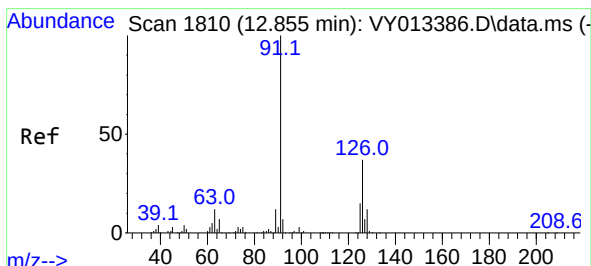
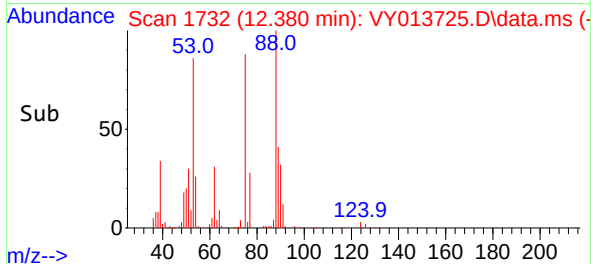
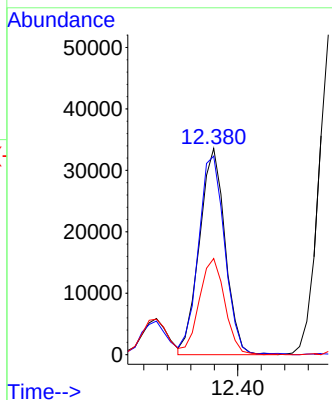
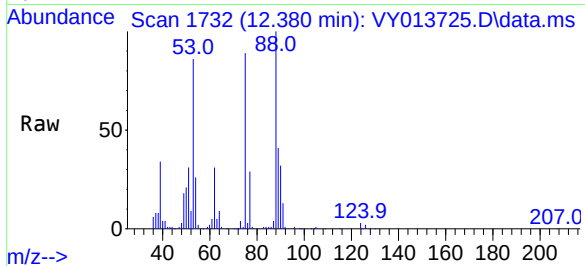




#81
trans-1,4-Dichloro-2-butene
Concen: 47.675 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

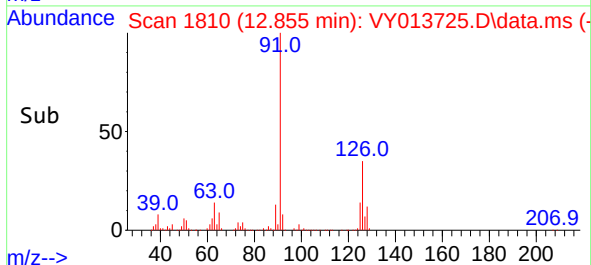
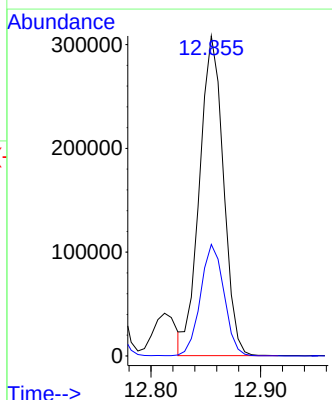
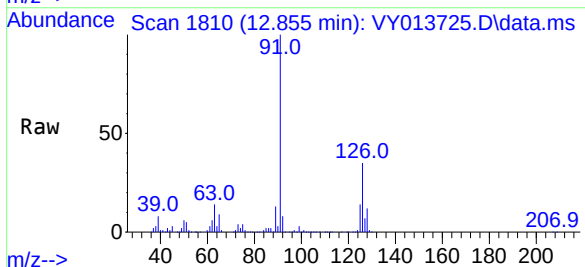
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

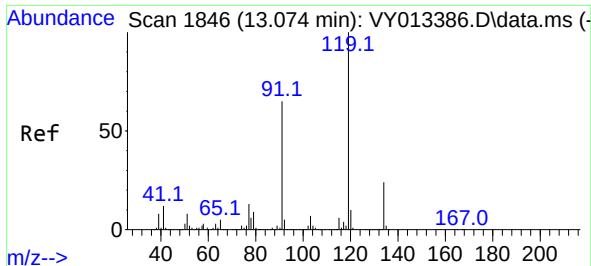
Tgt Ion: 75 Resp: 50995
Ion Ratio Lower Upper
75 100
53 98.9 73.2 109.8
89 46.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 53.103 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion: 91 Resp: 467174
Ion Ratio Lower Upper
91 100
126 34.4 17.9 53.8

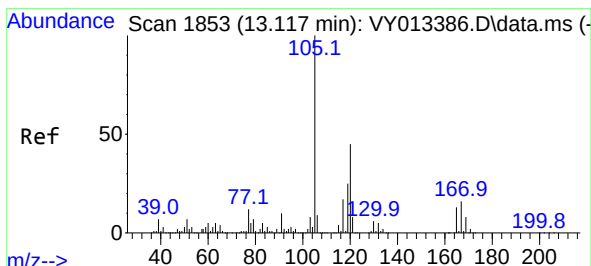
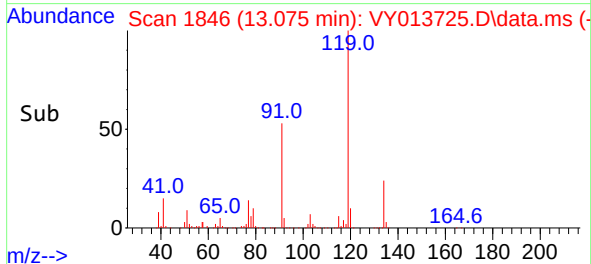
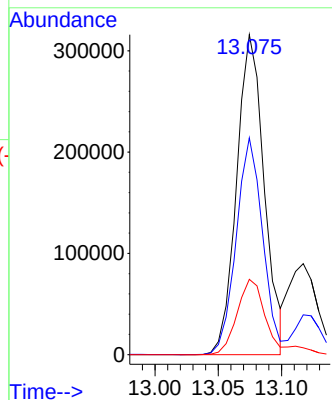
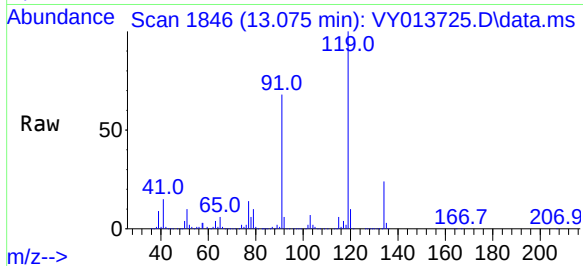




#83
tert-Butylbenzene
Concen: 55.312 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

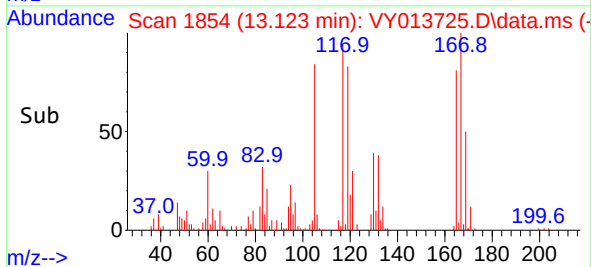
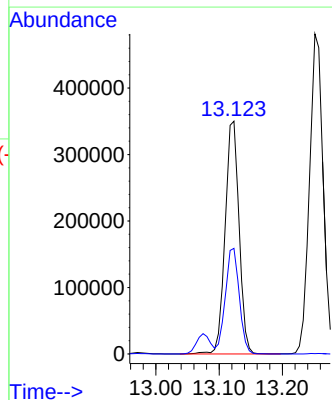
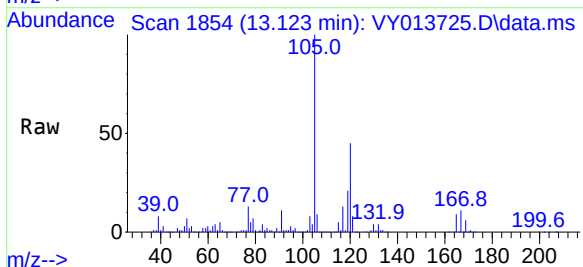
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

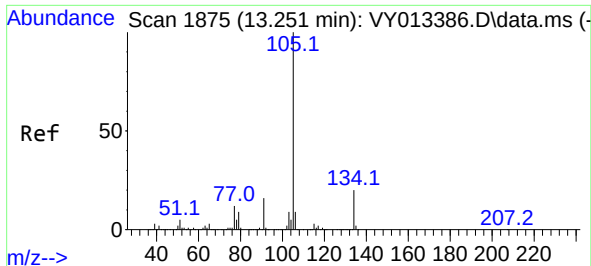
Tgt Ion:119 Resp: 479961
Ion Ratio Lower Upper
119 100
91 64.9 32.2 96.6
134 25.7 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 54.942 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:105 Resp: 535010
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.9

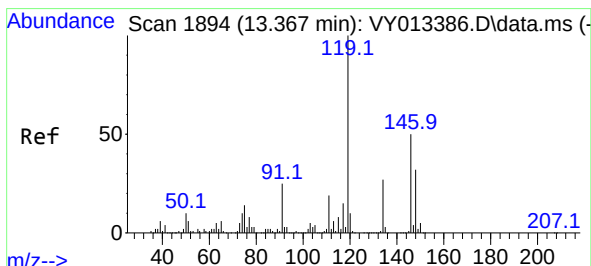
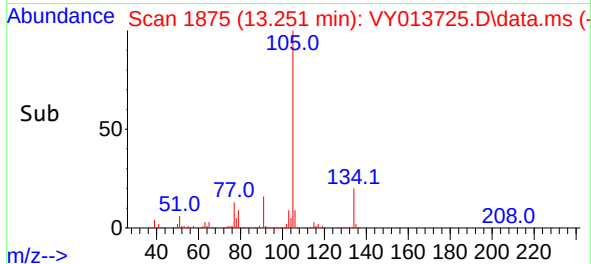
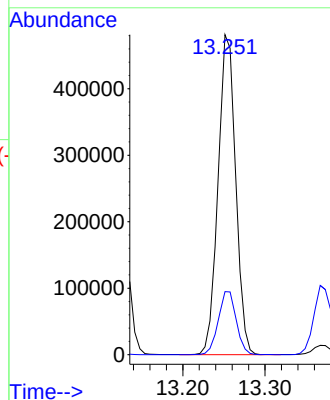
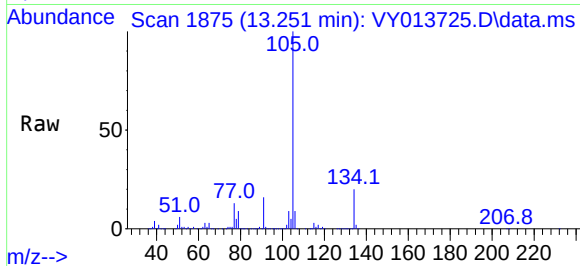




#85
 sec-Butylbenzene
 Concen: 55.025 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013725.D
 Acq: 15 May 2023 10:03

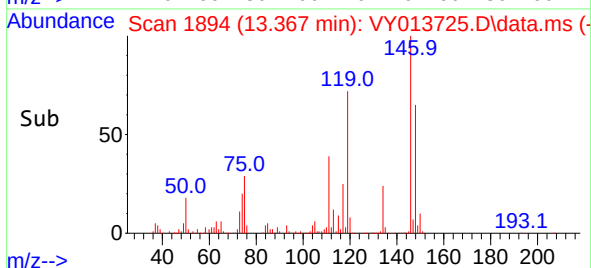
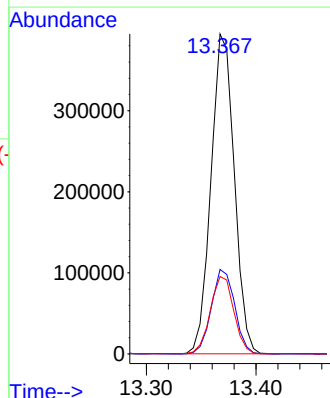
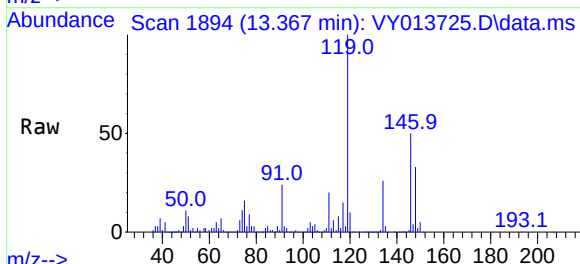
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

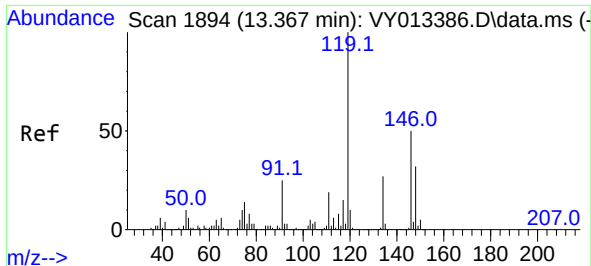
Tgt Ion:105 Resp: 716599
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 55.609 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013725.D
 Acq: 15 May 2023 10:03

Tgt Ion:119 Resp: 582387
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 54.051 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013725.D

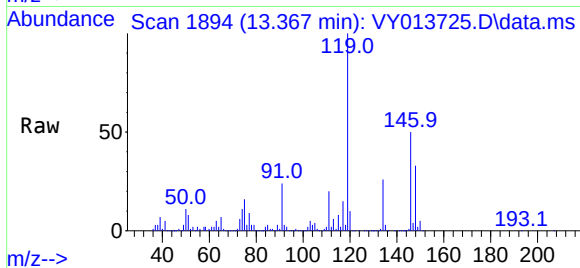
Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



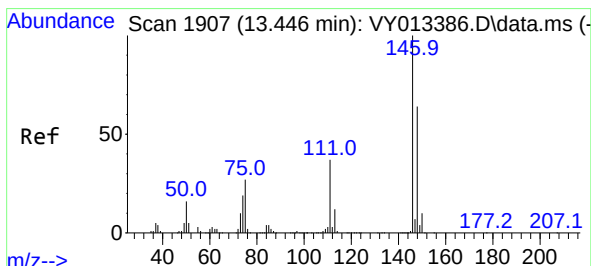
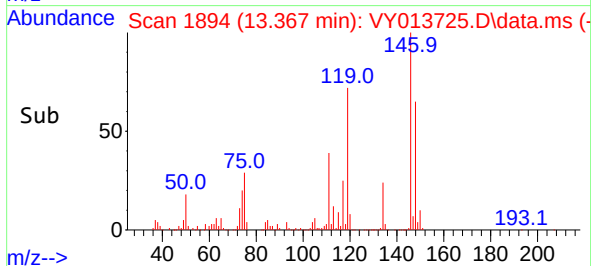
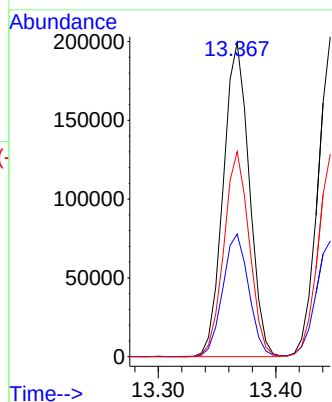
Tgt Ion:146 Resp: 306187

Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.372 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

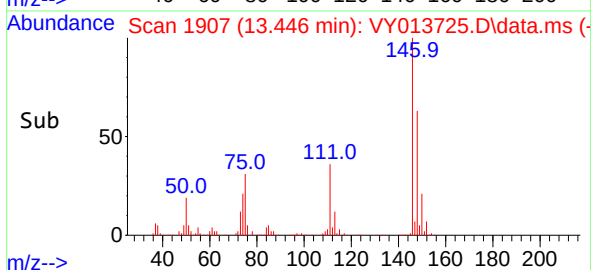
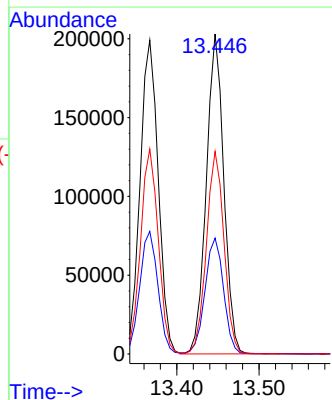
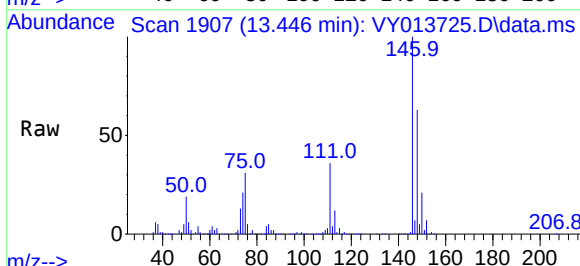
Tgt Ion:146 Resp: 299688

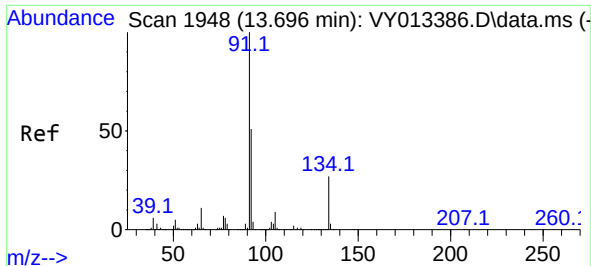
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.5

148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 55.202 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

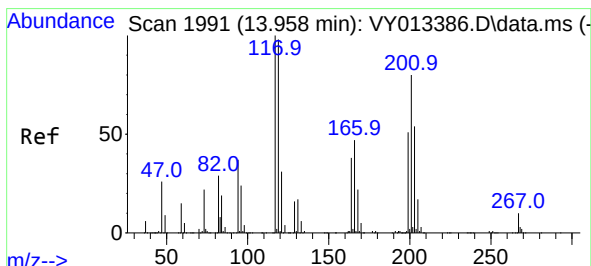
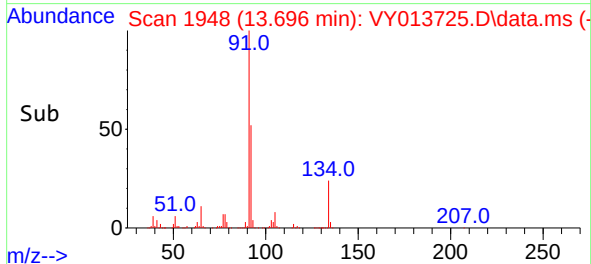
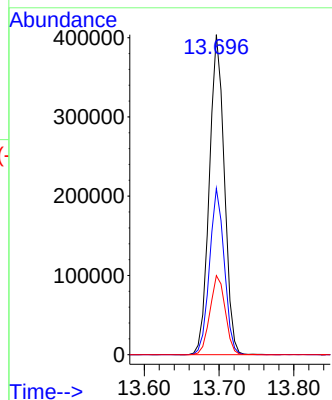
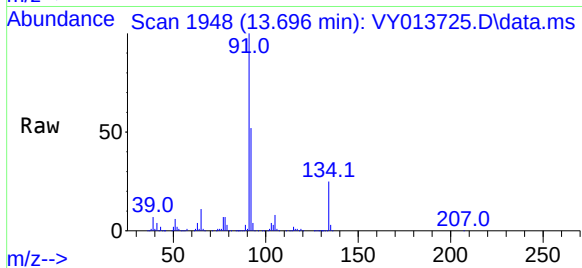
Tgt Ion: 91 Resp: 564253

Ion Ratio Lower Upper

91 100

92 51.0 25.8 77.3

134 25.1 13.5 40.4



#90

Hexachloroethane

Concen: 53.096 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013725.D

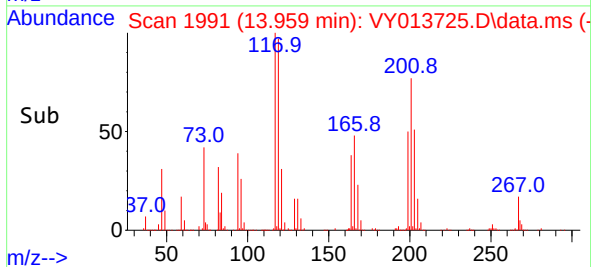
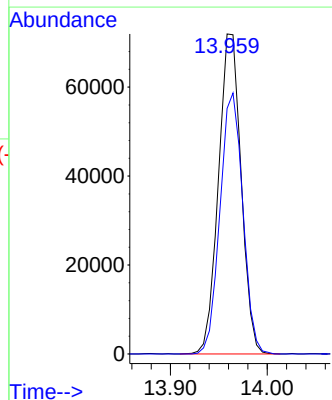
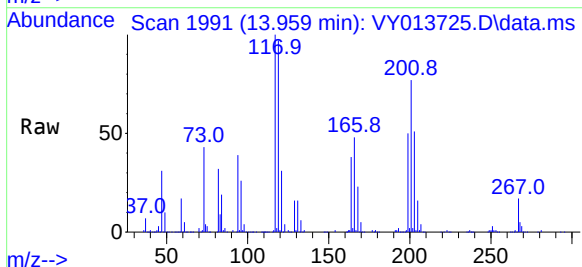
Acq: 15 May 2023 10:03

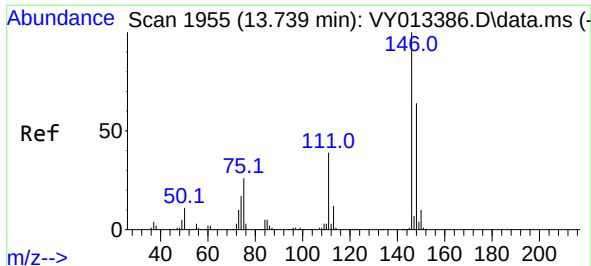
Tgt Ion: 117 Resp: 117032

Ion Ratio Lower Upper

117 100

201 81.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.540 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

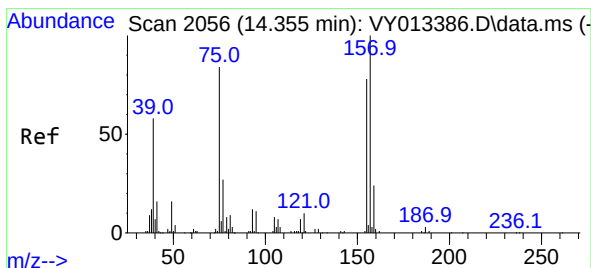
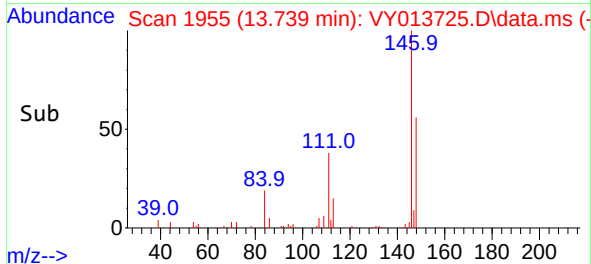
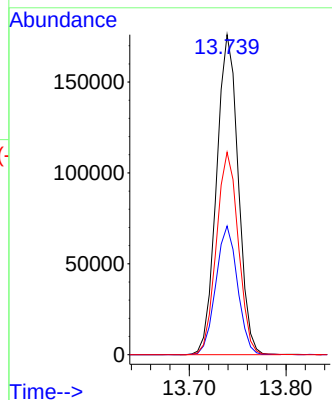
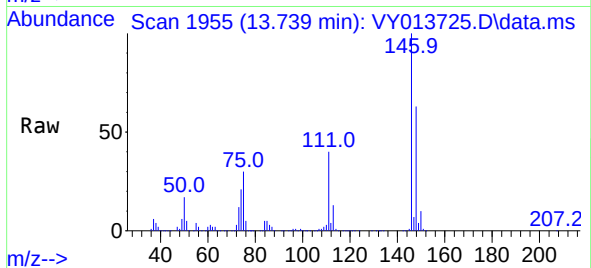
Tgt Ion:146 Resp: 273884

Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.4

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.030 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013725.D

Acq: 15 May 2023 10:03

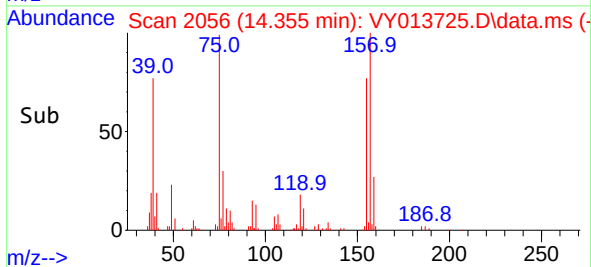
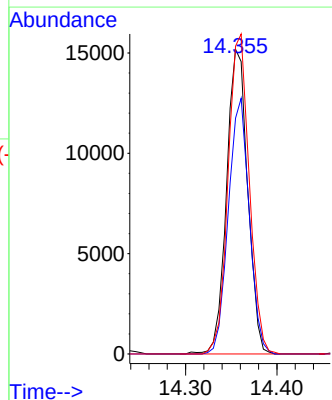
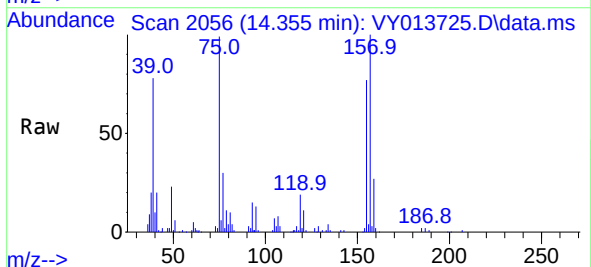
Tgt Ion: 75 Resp: 24384

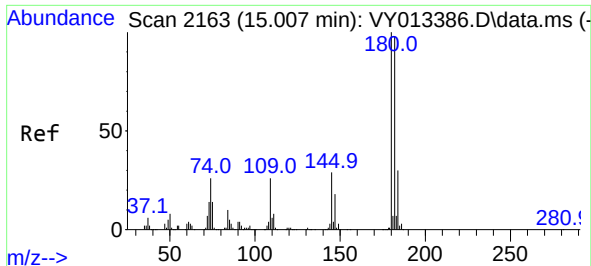
Ion Ratio Lower Upper

75 100

155 82.8 44.6 134.0

157 105.2 57.6 172.7

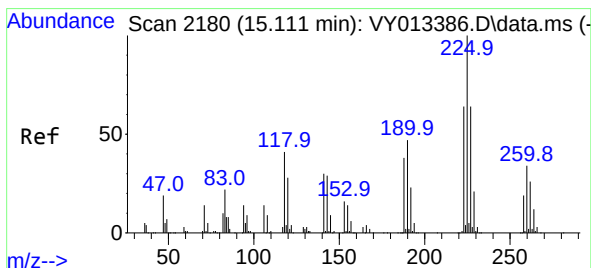
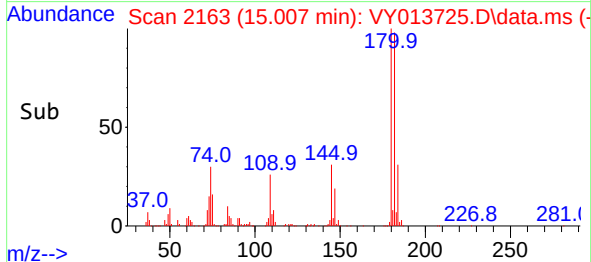
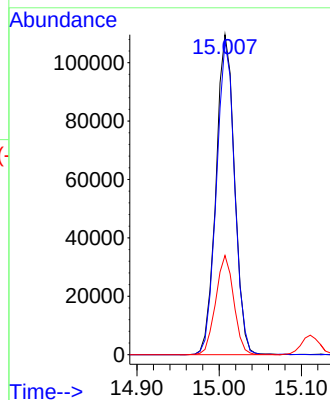
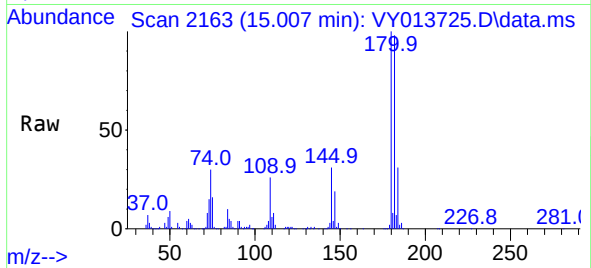




#93
1,2,4-Trichlorobenzene
Concen: 56.335 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

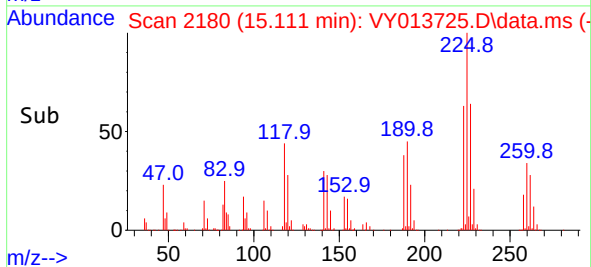
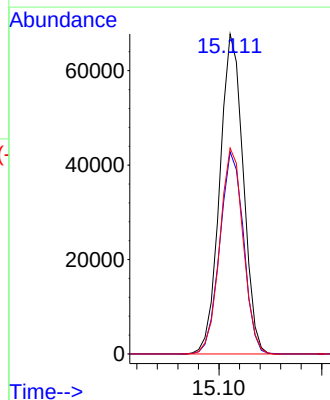
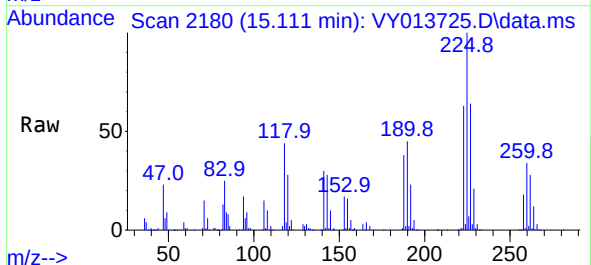
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

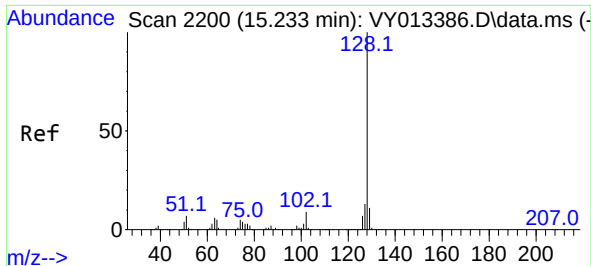
Tgt Ion:180 Resp: 171816
Ion Ratio Lower Upper
180 100
182 96.1 48.5 145.5
145 30.1 15.0 45.0



#94
Hexachlorobutadiene
Concen: 60.332 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:225 Resp: 107088
Ion Ratio Lower Upper
225 100
223 63.8 31.4 94.2
227 64.2 32.0 96.0

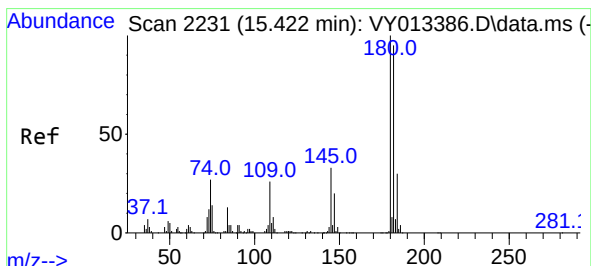
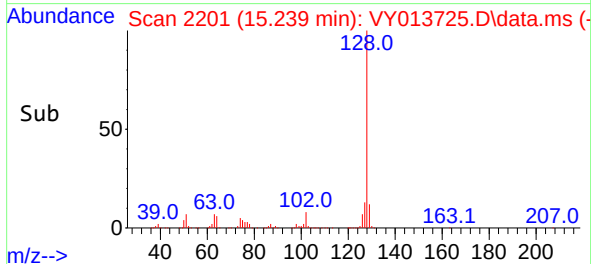
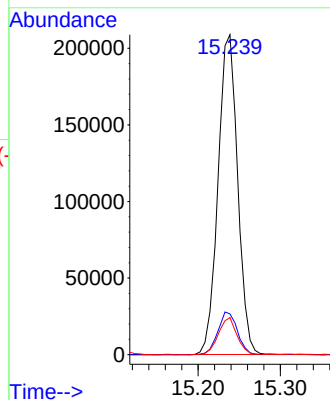
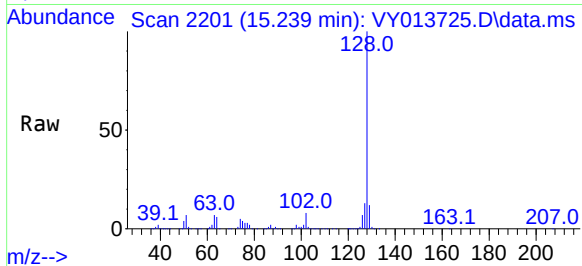




#95
Naphthalene
Concen: 52.262 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 345835
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 57.294 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013725.D
Acq: 15 May 2023 10:03

Tgt Ion:180 Resp: 155744
Ion Ratio Lower Upper
180 100
182 93.9 47.1 141.3
145 30.8 15.9 47.7

