

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011654.D
 Acq On : 01 Dec 2022 11:27
 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: Dec 02 03:14:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	267495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	103858	52.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.040%	
35) Dibromofluoromethane	7.716	113	102781	55.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.220%	
50) Toluene-d8	10.179	98	357397	53.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.440%	
62) 4-Bromofluorobenzene	12.483	95	135774	54.680	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	56244	54.327	ug/l	98
3) Chloromethane	2.119	50	78604	47.227	ug/l	96
4) Vinyl Chloride	2.253	62	90164	40.933	ug/l	95
5) Bromomethane	2.656	94	62384	43.874	ug/l	96
6) Chloroethane	2.802	64	62120	40.420	ug/l	99
7) Trichlorofluoromethane	3.131	101	161455	49.970	ug/l	97
8) Diethyl Ether	3.534	74	53115	50.864	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.906	101	96896	51.862	ug/l	96
10) Methyl Iodide	4.095	142	117273	53.875	ug/l	95
11) Tert butyl alcohol	4.954	59	56825	267.365	ug/l	100
12) 1,1-Dichloroethene	3.881	96	88411	51.659	ug/l	86
13) Acrolein	3.735	56	9410	180.473	ug/l	99
14) Allyl chloride	4.485	41	148815	49.533	ug/l #	93
15) Acrylonitrile	5.168	53	140525	246.377	ug/l	100
16) Acetone	3.948	43	170104	264.829	ug/l	91
17) Carbon Disulfide	4.198	76	225390	47.518	ug/l	100
18) Methyl Acetate	4.479	43	70799	47.558	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	265239	54.304	ug/l	97
20) Methylene Chloride	4.722	84	129611	54.976	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	100894	51.016	ug/l	94
22) Diisopropyl ether	6.119	45	336464	51.306	ug/l	96
23) Vinyl Acetate	6.064	43	1001185	262.083	ug/l	95
24) 1,1-Dichloroethane	6.021	63	196427	51.014	ug/l	98
25) 2-Butanone	6.984	43	204648	242.432	ug/l #	90
26) 2,2-Dichloropropane	6.984	77	185721	52.260	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	121558	52.209	ug/l	92
28) Bromochloromethane	7.338	49	75220	48.627	ug/l	91
29) Tetrahydrofuran	7.350	42	114486	240.154	ug/l	92
30) Chloroform	7.509	83	205966	51.580	ug/l	99
31) Cyclohexane	7.789	56	159809	48.757	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	187136	52.388	ug/l	96
36) 1,1-Dichloropropene	7.923	75	148225	51.309	ug/l	98
37) Ethyl Acetate	7.076	43	78272	47.582	ug/l	96
38) Carbon Tetrachloride	7.905	117	167108	51.704	ug/l	98
39) Methylcyclohexane	9.185	83	171177	53.097	ug/l	94
40) Benzene	8.161	78	432320	51.375	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	108677	130.664	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	129849	49.894	ug/l	95
43) Isopropyl Acetate	8.277	43	143386	48.318	ug/l	92
44) Trichloroethene	8.941	130	116096	51.276	ug/l	95
45) 1,2-Dichloropropane	9.216	63	108406	50.399	ug/l	96
46) Dibromomethane	9.307	93	59653	49.600	ug/l	96
47) Bromodichloromethane	9.496	83	155441	51.311	ug/l	98
48) Methyl methacrylate	9.295	41	65518	49.706	ug/l #	86
49) 1,4-Dioxane	9.295	88	15198	1020.405	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	399914	242.422	ug/l	92
52) Toluene	10.246	92	274182	51.524	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	155569	51.374	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	175501	51.517	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	85251	49.546	ug/l	98
56) Ethyl methacrylate	10.514	69	112348	52.500	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	145090	49.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	257837	246.017	ug/l	97
59) 2-Hexanone	10.831	43	296945	252.204	ug/l	91
60) Dibromochloromethane	10.984	129	107404	50.935	ug/l	99
61) 1,2-Dibromoethane	11.093	107	78463	49.959	ug/l	100
64) Tetrachloroethene	10.721	164	113496	51.488	ug/l	97
65) Chlorobenzene	11.520	112	290587	51.878	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	113094	53.271	ug/l	98
67) Ethyl Benzene	11.593	91	538682	53.262	ug/l	98
68) m/p-Xylenes	11.703	106	409962	106.483	ug/l	97
69) o-Xylene	12.032	106	194844	54.358	ug/l	97
70) Styrene	12.044	104	333408	54.491	ug/l	97
71) Bromoform	12.209	173	66536	51.515	ug/l #	98
73) Isopropylbenzene	12.331	105	536271	55.973	ug/l	99
74) N-amyl acetate	12.148	43	123995	52.408	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	94356	49.978	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	129869	91.030	ug/l #	100
77) Bromobenzene	12.611	156	119073	53.225	ug/l	97
78) n-propylbenzene	12.672	91	643740	55.074	ug/l	99
79) 2-Chlorotoluene	12.758	91	358617	54.434	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	453022	56.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	33750	51.816	ug/l	90
82) 4-Chlorotoluene	12.855	91	368832	53.542	ug/l	100
83) tert-Butylbenzene	13.075	119	399181	56.745	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	445432	55.842	ug/l	99
85) sec-Butylbenzene	13.258	105	584526	55.690	ug/l	100
86) p-Isopropyltoluene	13.373	119	492978	56.278	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	241541	53.039	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	235698	51.759	ug/l	98
89) n-Butylbenzene	13.696	91	452039	56.136	ug/l	100
90) Hexachloroethane	13.965	117	93491	52.852	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	211456	52.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15630	50.482	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	127729	57.044	ug/l	99
94) Hexachlorobutadiene	15.117	225	78969	56.737	ug/l	98
95) Naphthalene	15.239	128	242240	51.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	107866	56.212	ug/l	99

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QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

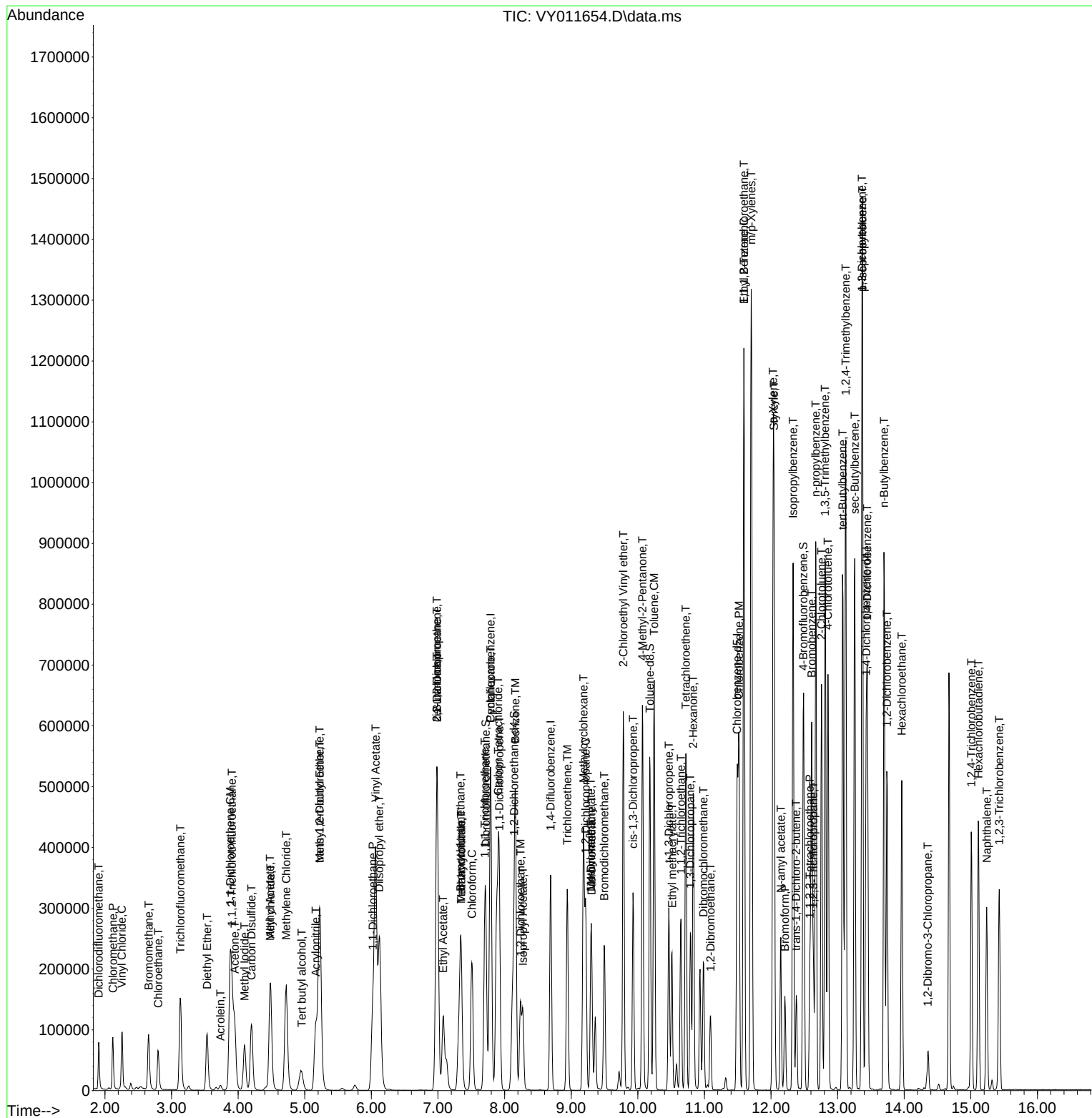
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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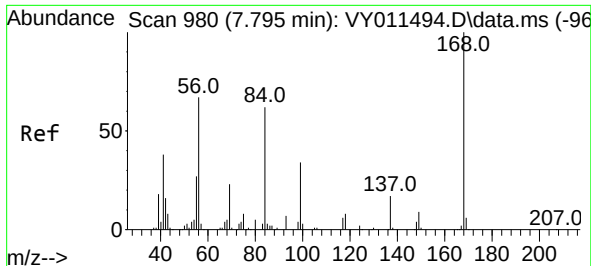
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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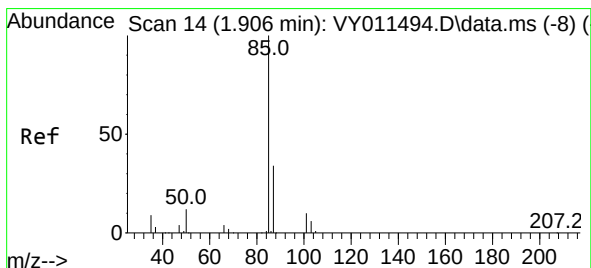
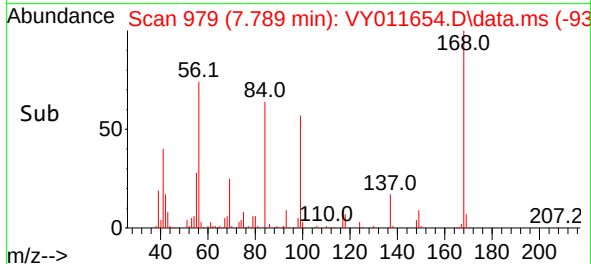
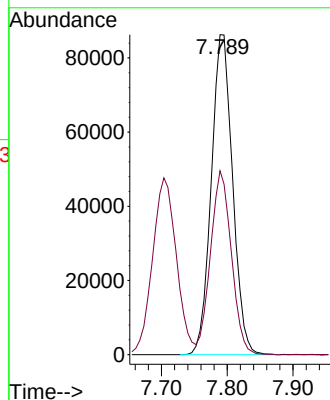
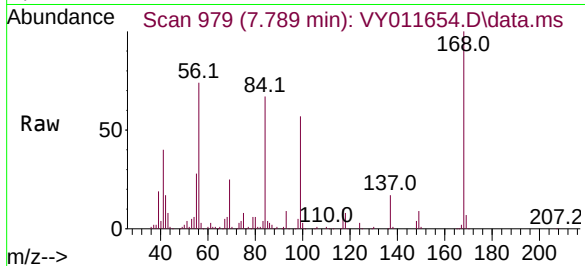




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011654.D
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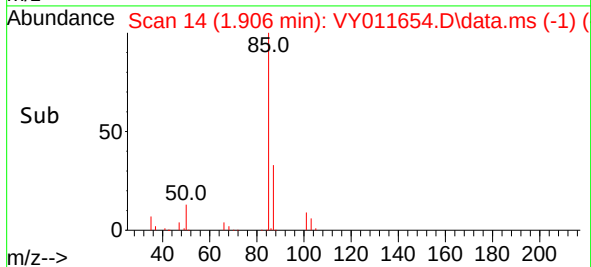
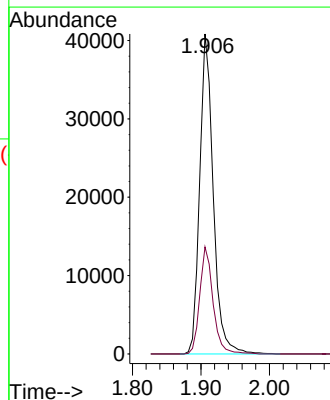
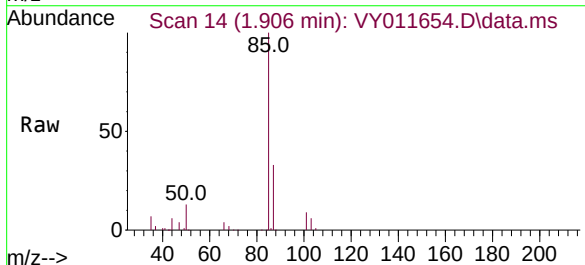
Instrument :
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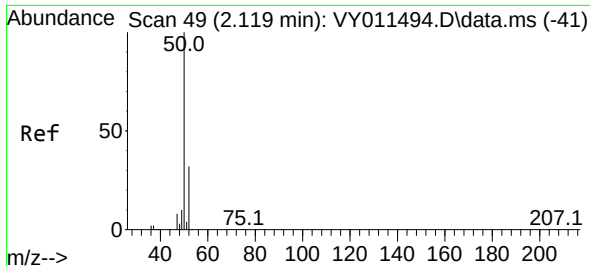
Tgt Ion:168 Resp: 194748
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 54.327 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 85 Resp: 56244
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2

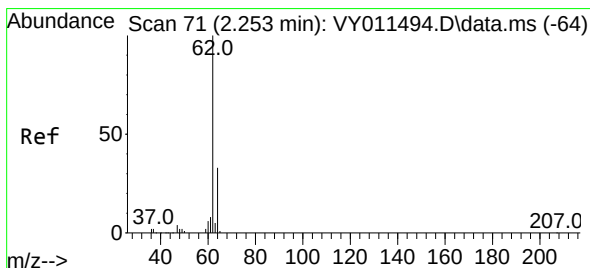
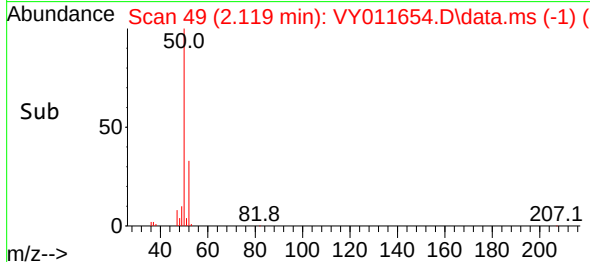
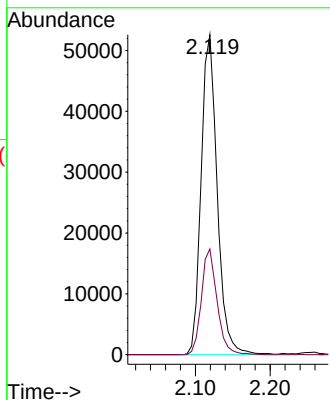
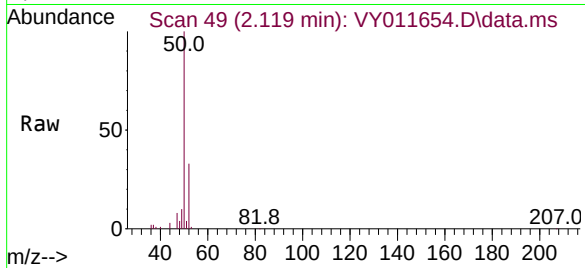




#3
Chloromethane
Concen: 47.227 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

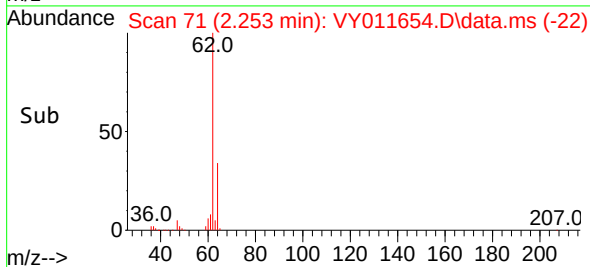
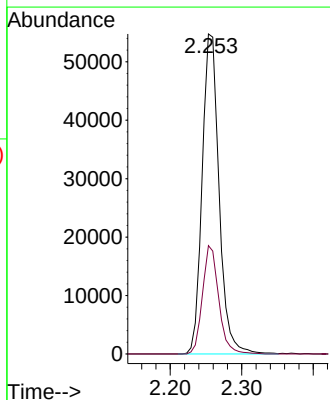
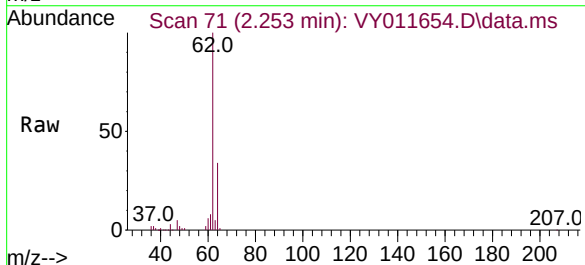
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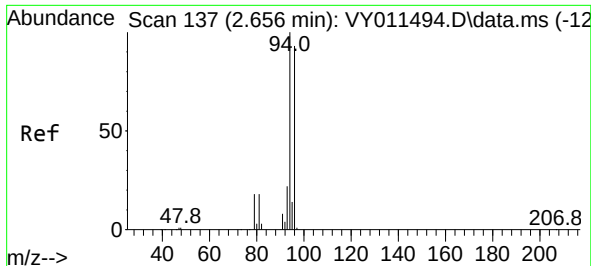
Tgt Ion: 50 Resp: 78604
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0



#4
Vinyl Chloride
Concen: 40.933 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 62 Resp: 90164
Ion Ratio Lower Upper
62 100
64 33.9 25.0 37.6

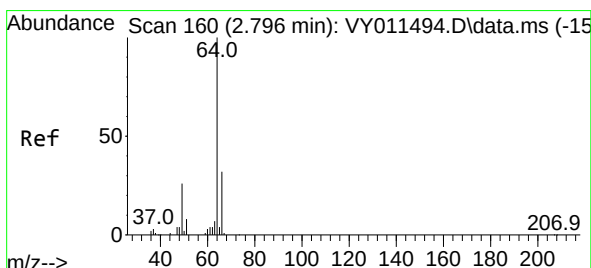
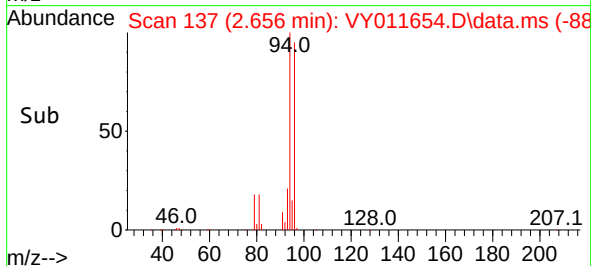
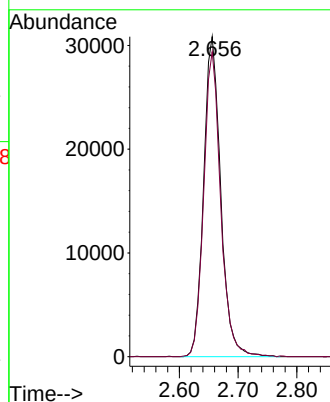
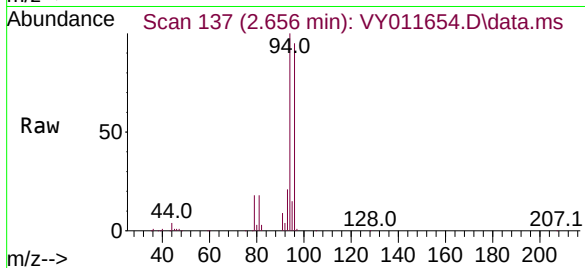




#5
Bromomethane
Concen: 43.874 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011654.D
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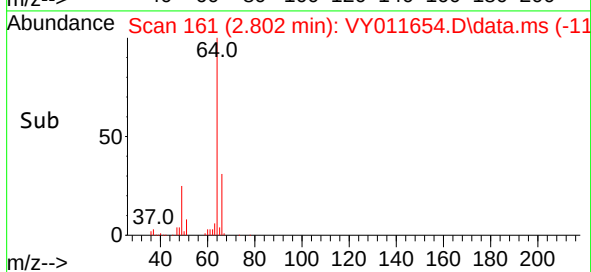
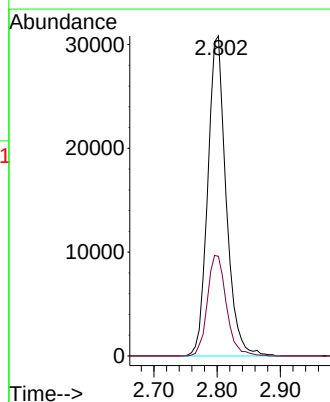
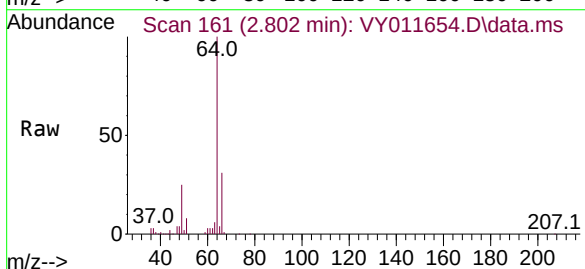
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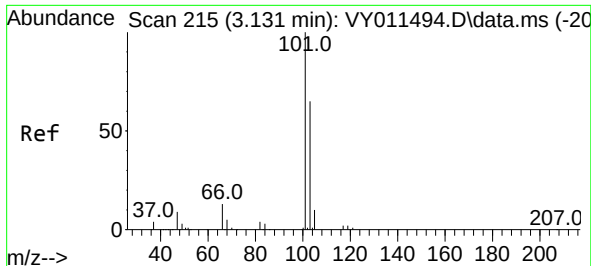
Tgt Ion: 94 Resp: 62384
Ion Ratio Lower Upper
94 100
96 95.3 73.5 110.3



#6
Chloroethane
Concen: 40.420 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY011654.D
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Tgt Ion: 64 Resp: 62120
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0

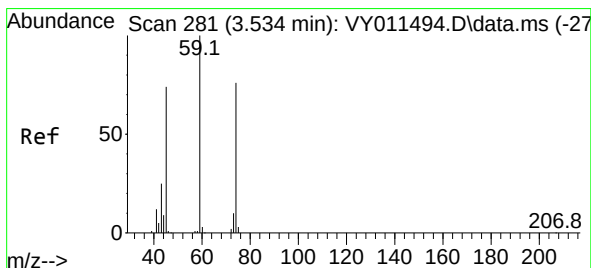
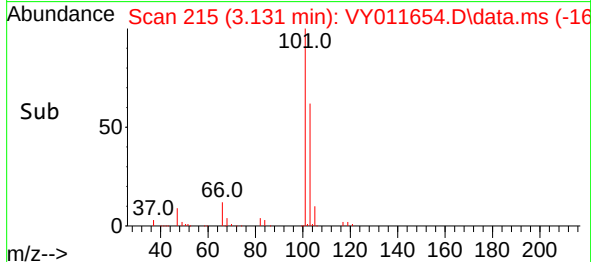
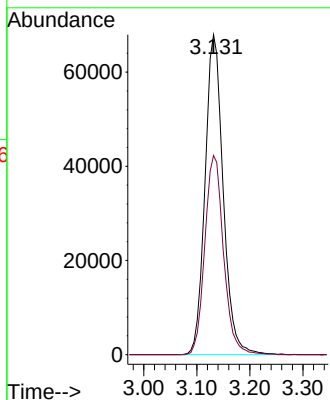
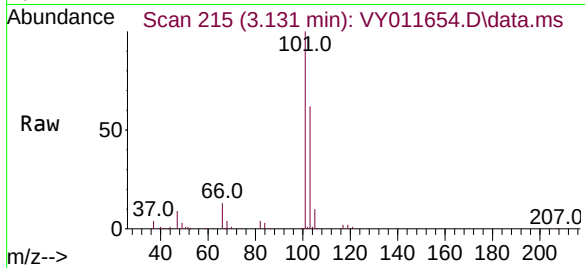




#7
 Trichlorofluoromethane
 Concen: 49.970 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY011654.D
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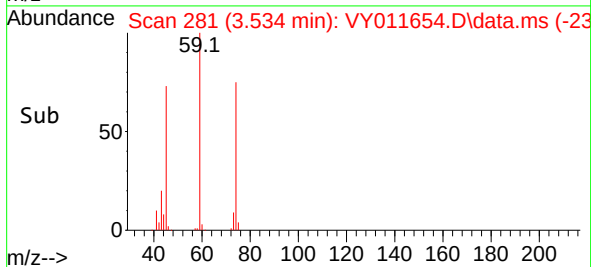
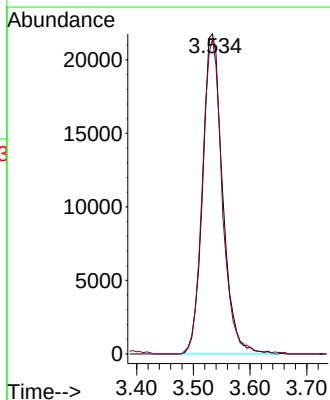
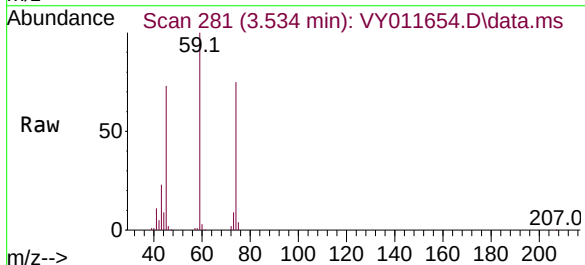
Instrument :
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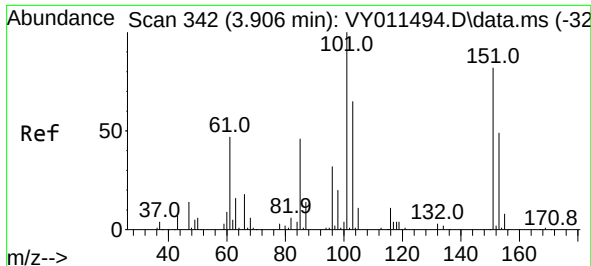
Tgt Ion:101 Resp: 161455
 Ion Ratio Lower Upper
 101 100
 103 62.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 50.864 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 53115
 Ion Ratio Lower Upper
 74 100
 45 98.1 55.1 165.5

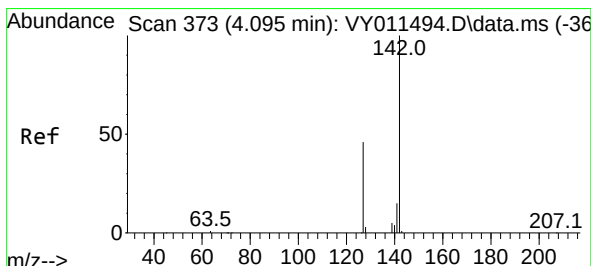
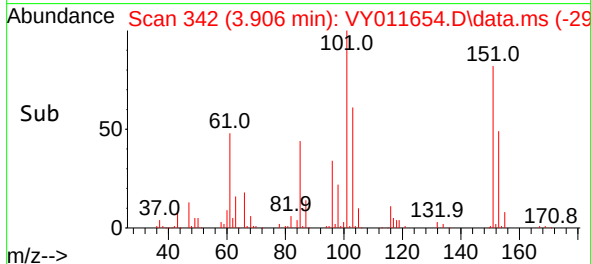
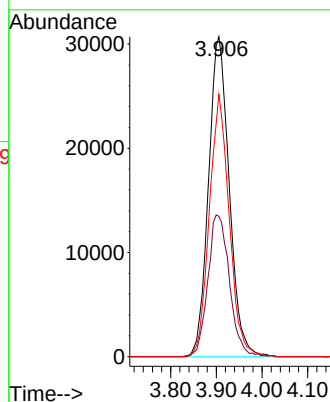
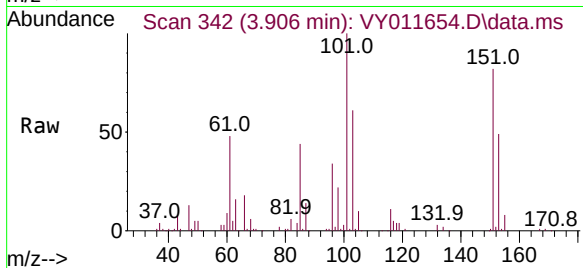




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.862 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

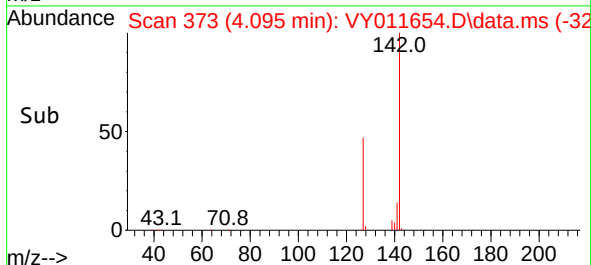
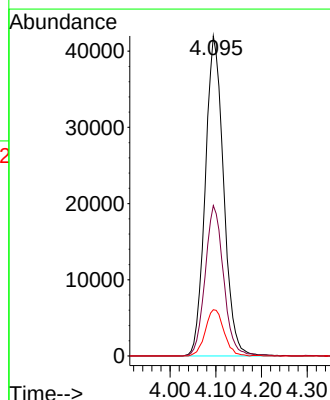
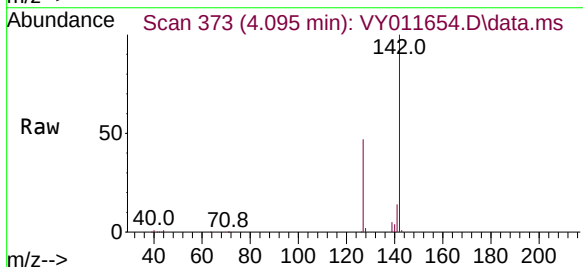
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

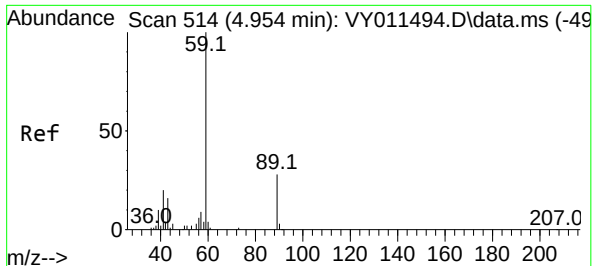
Tgt Ion:101 Resp: 96896
Ion Ratio Lower Upper
101 100
85 46.1 40.6 60.8
151 78.6 64.9 97.3



#10
Methyl Iodide
Concen: 53.875 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion:142 Resp: 117273
Ion Ratio Lower Upper
142 100
127 47.3 41.5 62.3
141 14.7 11.9 17.9

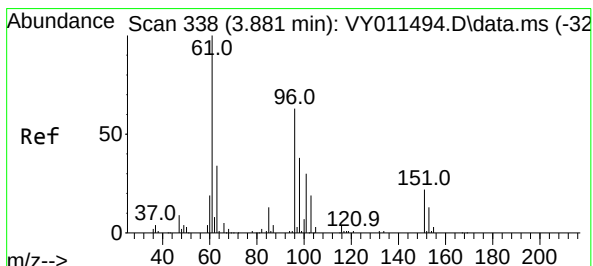
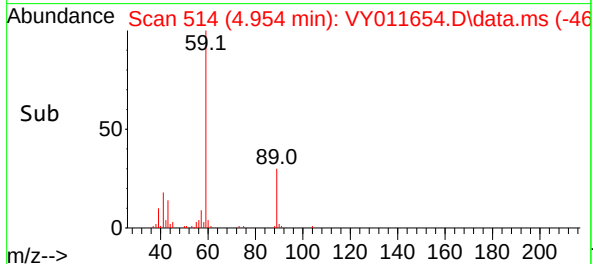
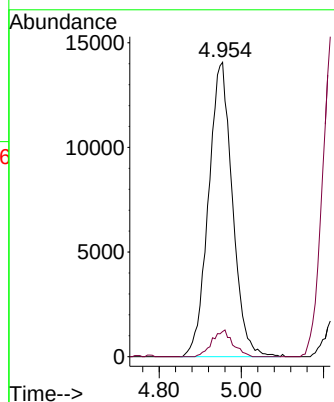
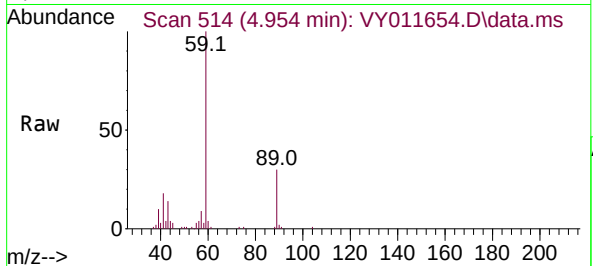




#11
Tert butyl alcohol
Concen: 267.365 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

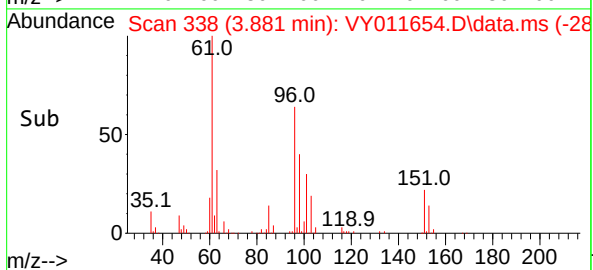
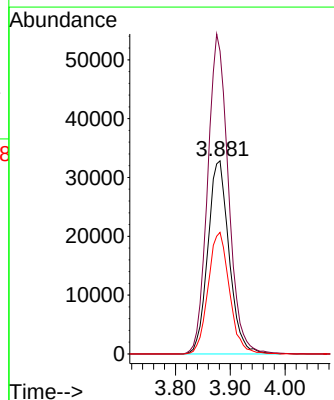
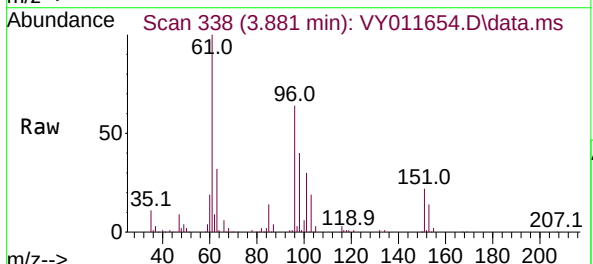
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

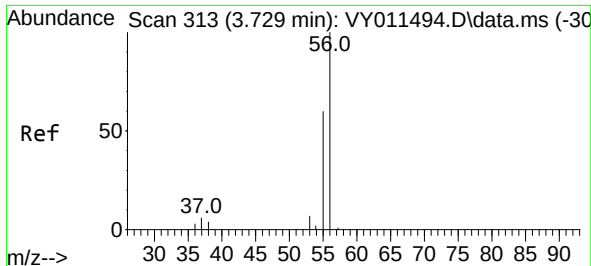
Tgt Ion: 59 Resp: 56825
Ion Ratio Lower Upper
59 100
57 7.9 6.4 9.6



#12
1,1-Dichloroethene
Concen: 51.659 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 96 Resp: 88411
Ion Ratio Lower Upper
96 100
61 156.8 145.8 218.6
98 63.0 52.5 78.7

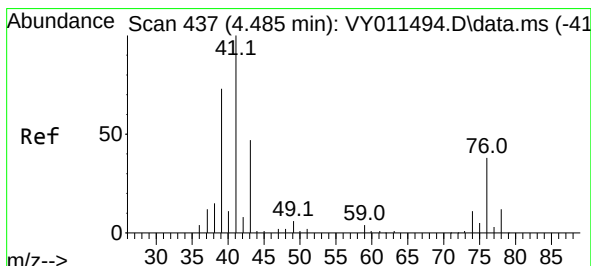
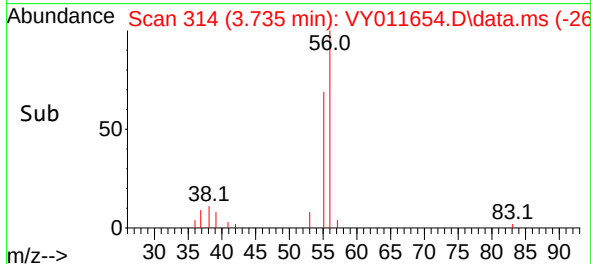
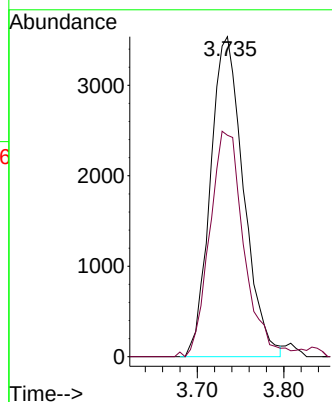
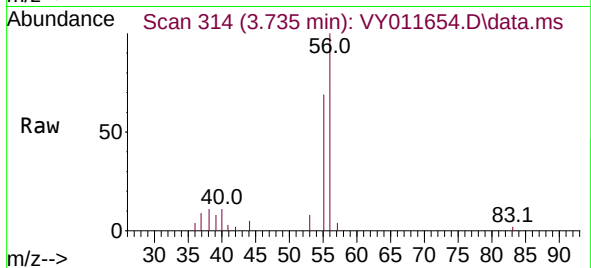




#13
Acrolein
Concen: 180.473 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

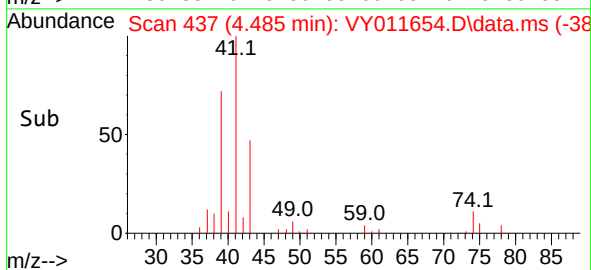
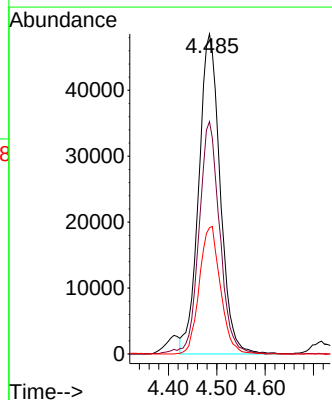
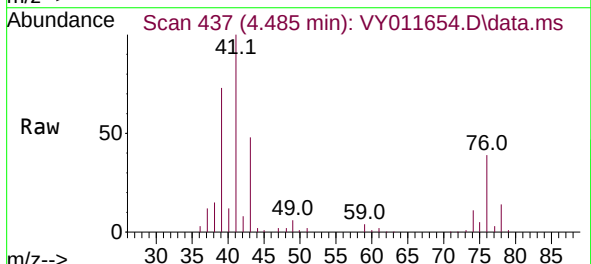
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

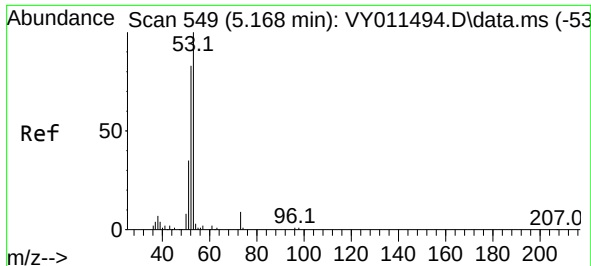
Tgt Ion: 56 Resp: 9410
Ion Ratio Lower Upper
56 100
55 73.0 57.6 86.4



#14
Allyl chloride
Concen: 49.533 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

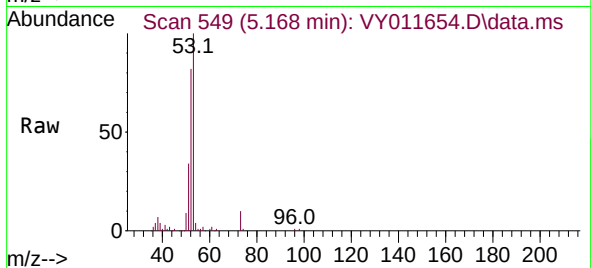
Tgt Ion: 41 Resp: 148815
Ion Ratio Lower Upper
41 100
39 70.5 58.8 88.2
76 39.3 25.1 37.7#



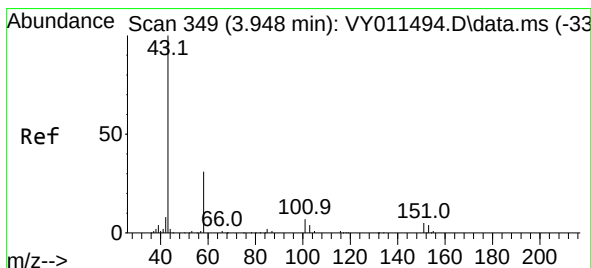
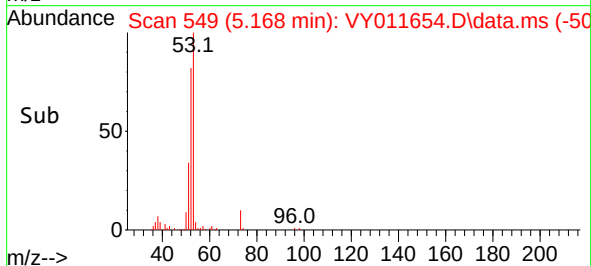
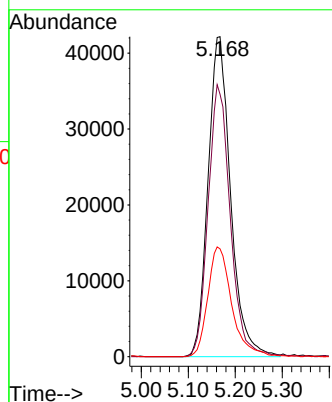


#15
Acrylonitrile
Concen: 246.377 ug/l
RT: 5.168 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

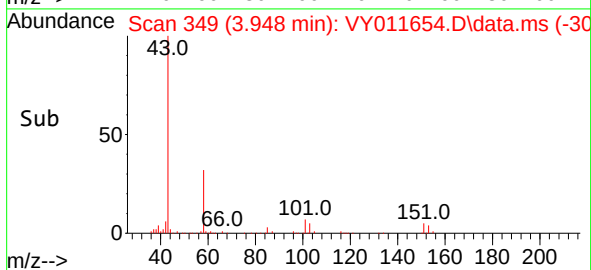
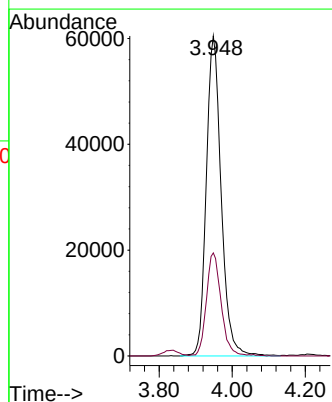
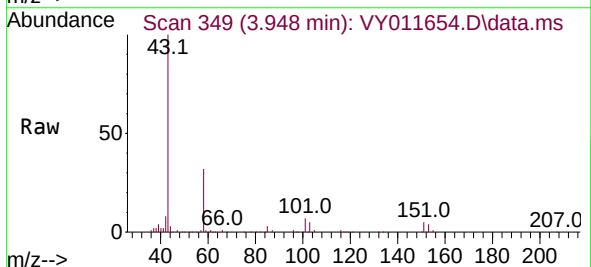


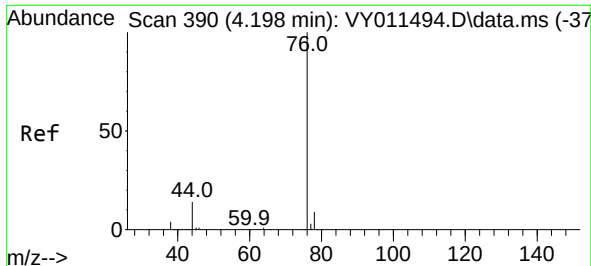
Tgt Ion: 53	Resp: 140525
Ion Ratio	Lower Upper
53 100	
52 83.7	67.0 100.4
51 36.5	29.8 44.6



#16
Acetone
Concen: 264.829 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 43	Resp: 170104
Ion Ratio	Lower Upper
43 100	
58 32.2	22.0 33.0

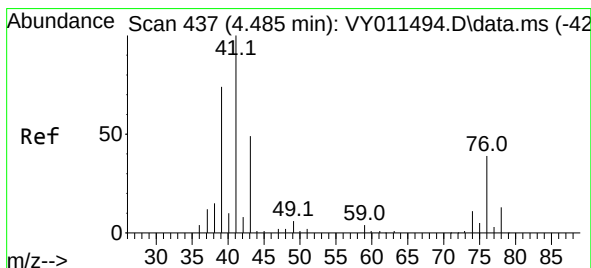
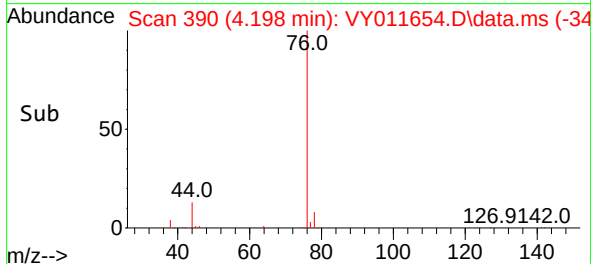
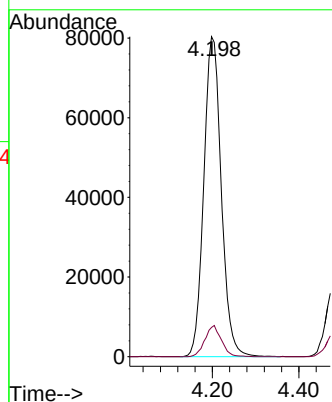
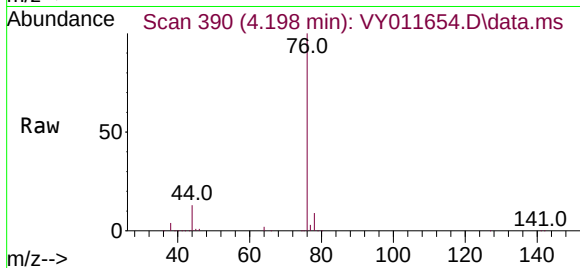




#17
Carbon Disulfide
Concen: 47.518 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

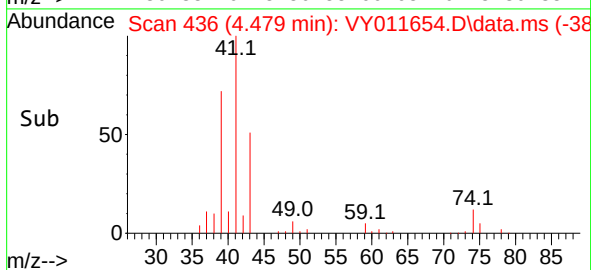
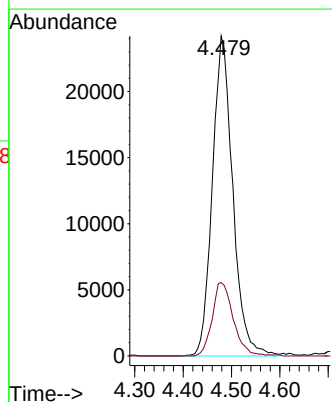
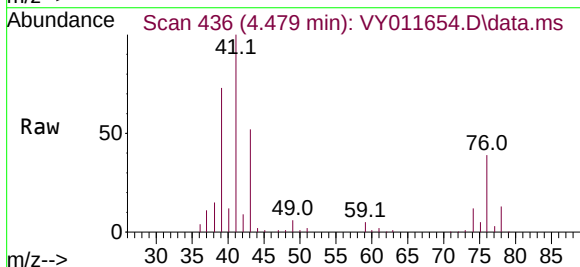
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

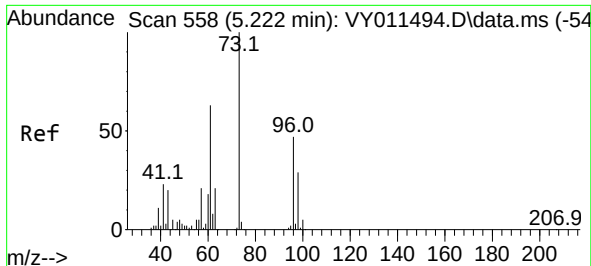
Tgt Ion: 76 Resp: 225390
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.558 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 43 Resp: 70799
Ion Ratio Lower Upper
43 100
74 23.8 16.6 24.8

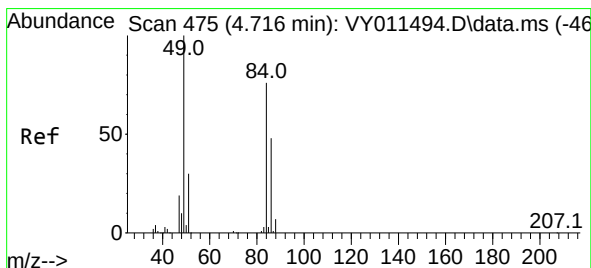
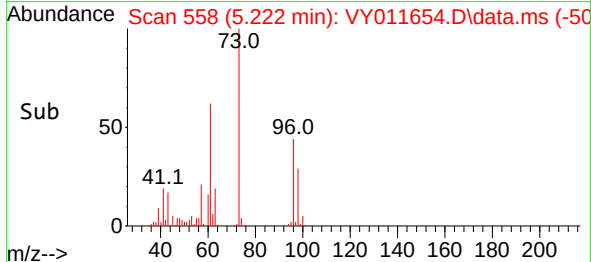
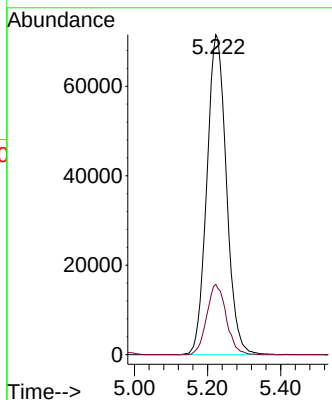
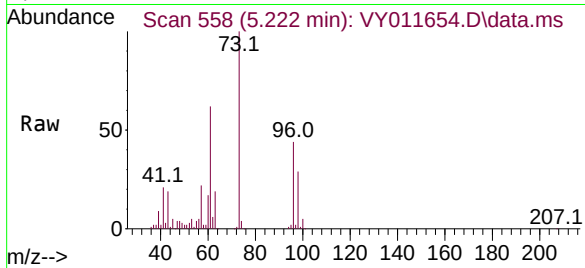




#19
Methyl tert-butyl Ether
Concen: 54.304 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

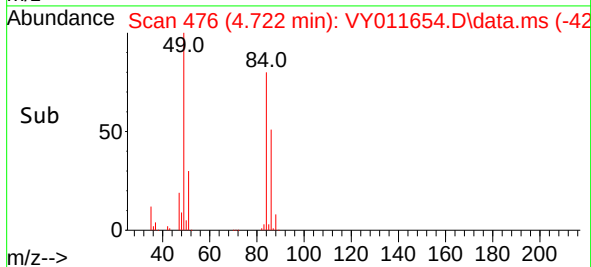
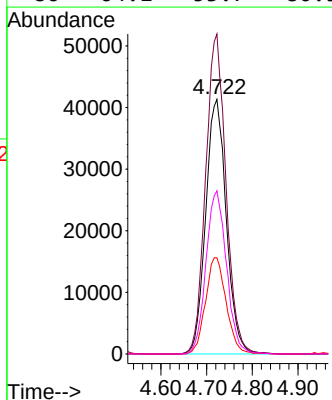
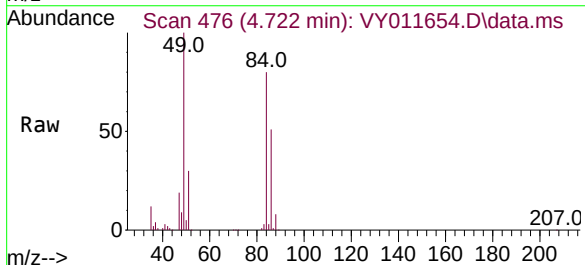
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

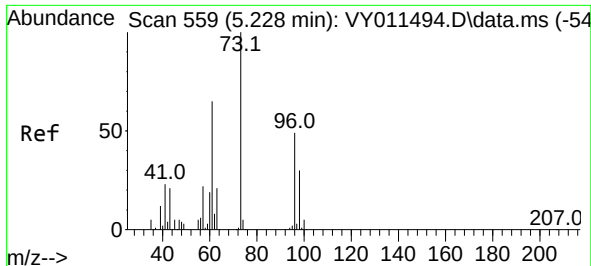
Tgt Ion: 73 Resp: 265239
Ion Ratio Lower Upper
73 100
57 21.9 18.6 27.8



#20
Methylene Chloride
Concen: 54.976 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 84 Resp: 129611
Ion Ratio Lower Upper
84 100
49 125.7 114.4 171.6
51 37.7 35.3 52.9
86 64.1 53.7 80.5

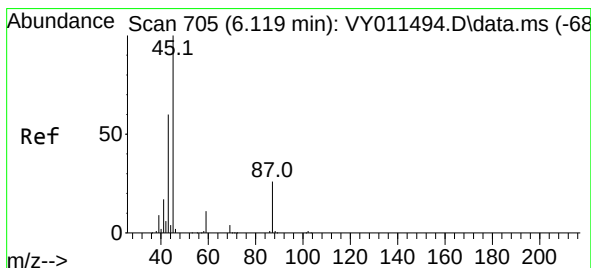
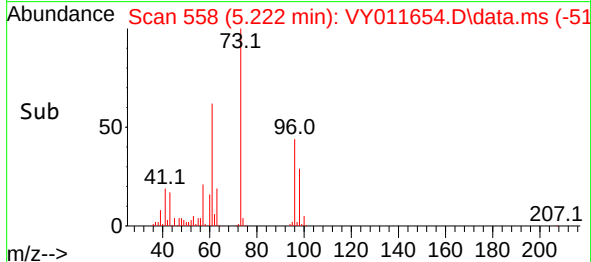
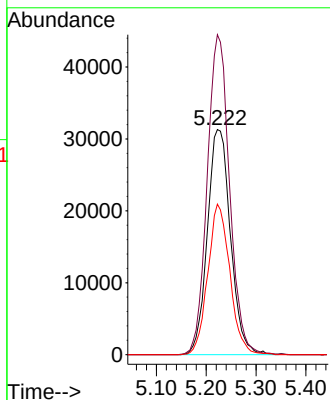
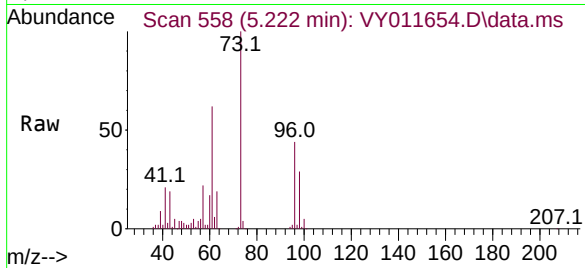




#21
trans-1,2-Dichloroethene
Concen: 51.016 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

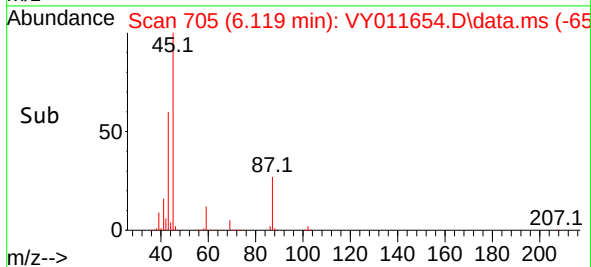
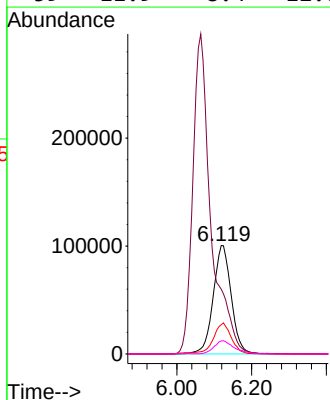
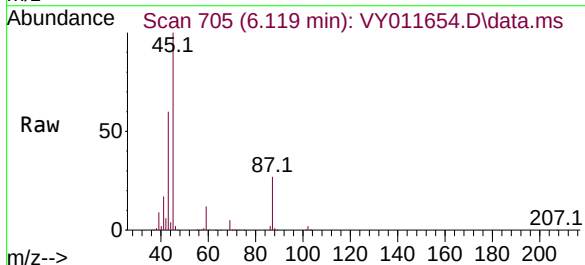
Instrument :
MSVOA_Y
ClientSampleId :
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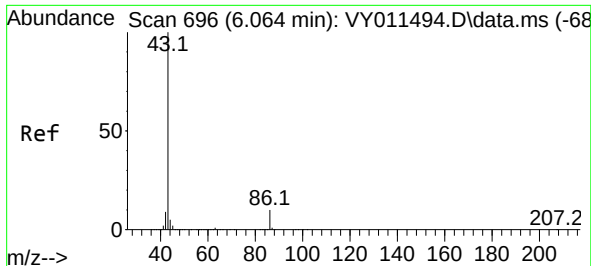
Tgt Ion: 96 Resp: 100894
Ion Ratio Lower Upper
96 100
61 142.1 120.5 180.7
98 66.9 49.8 74.8



#22
Diisopropyl ether
Concen: 51.306 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 45 Resp: 336464
Ion Ratio Lower Upper
45 100
43 59.4 49.3 73.9
87 27.0 19.2 28.8
59 11.9 8.4 12.6

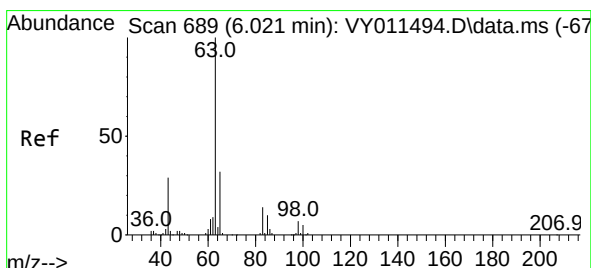
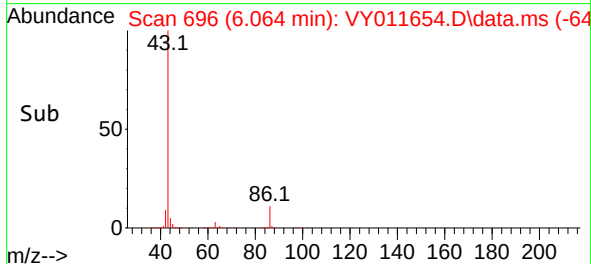
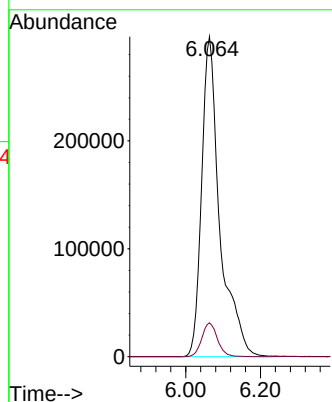
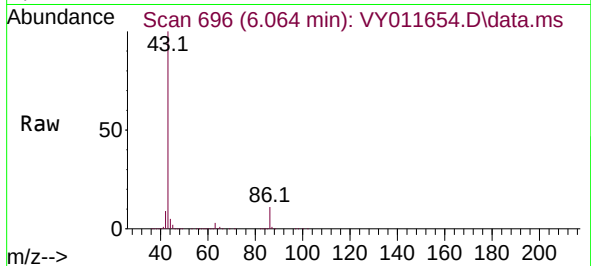




#23
 Vinyl Acetate
 Concen: 262.083 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY011654.D
 Acq: 01 Dec 2022 11:27

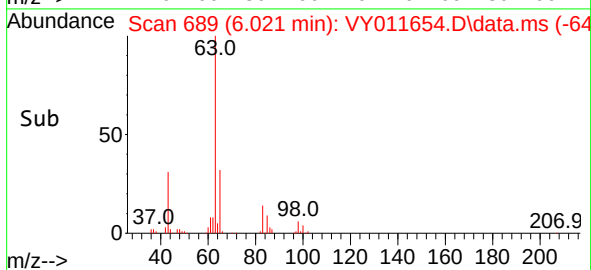
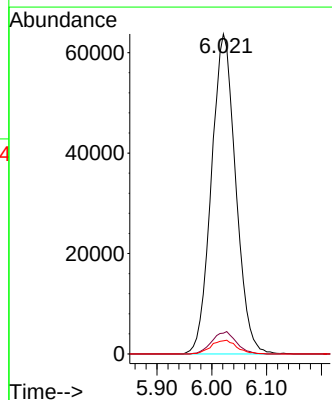
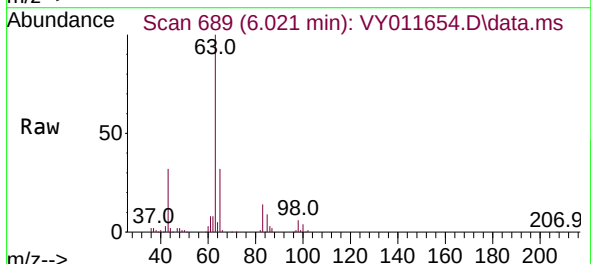
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

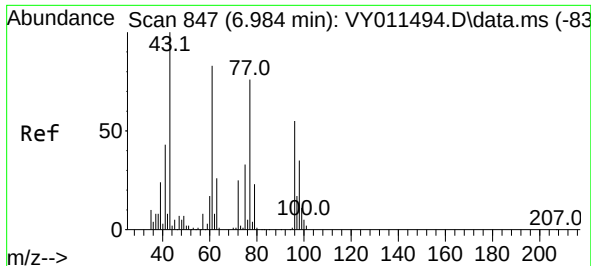
Tgt Ion: 43 Resp: 1001185
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 51.014 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY011654.D
 Acq: 01 Dec 2022 11:27

Tgt Ion: 63 Resp: 196427
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.1 2.0 5.8

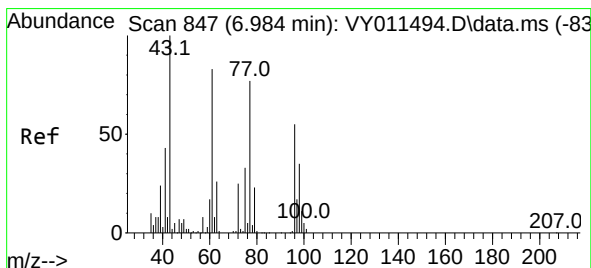
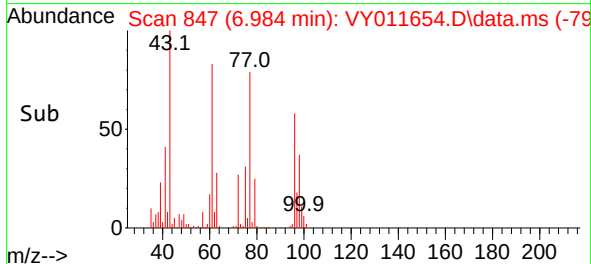
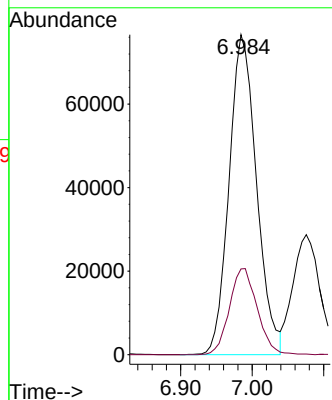
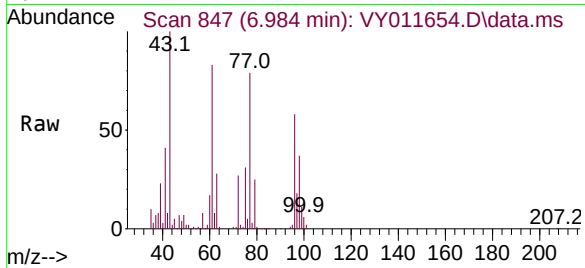




#25
2-Butanone
Concen: 242.432 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

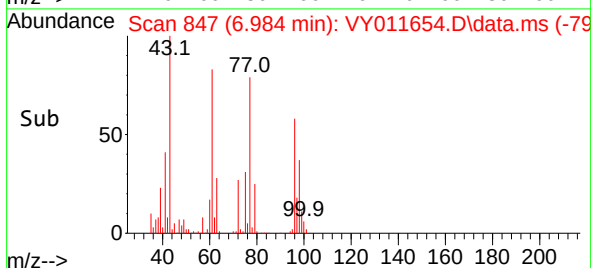
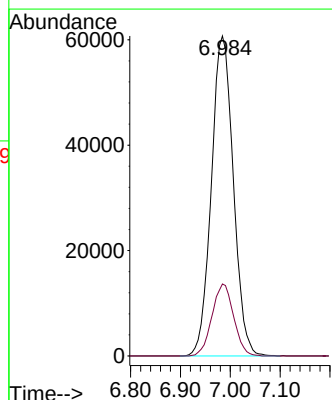
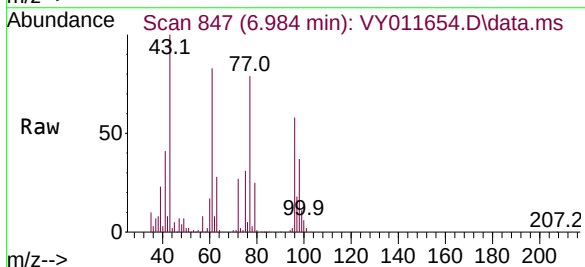
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

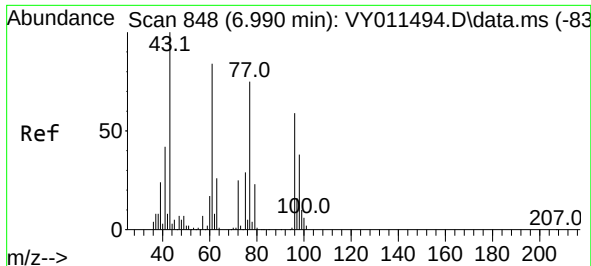
Tgt Ion: 43 Resp: 204648
Ion Ratio Lower Upper
43 100
72 26.8 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 52.260 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 77 Resp: 185721
Ion Ratio Lower Upper
77 100
97 22.1 10.4 31.4

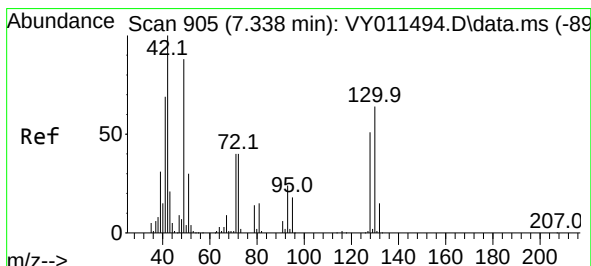
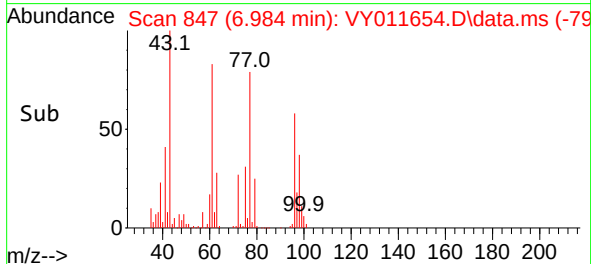
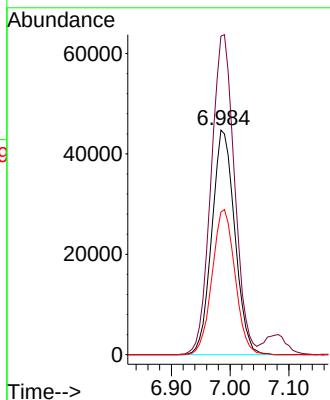
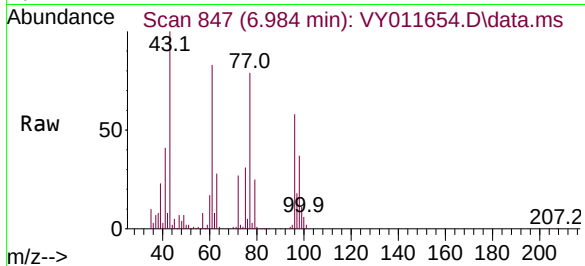




#27
 cis-1,2-Dichloroethene
 Concen: 52.209 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY011654.D
 Acq: 01 Dec 2022 11:27

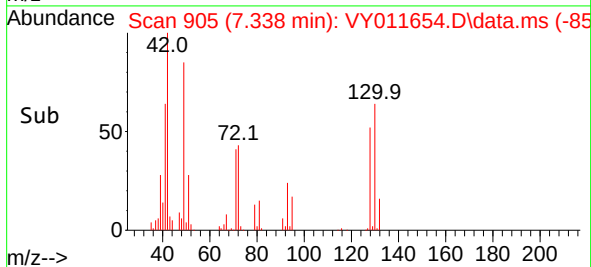
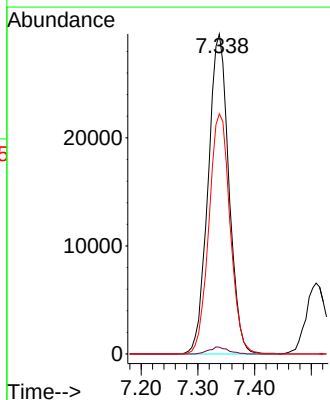
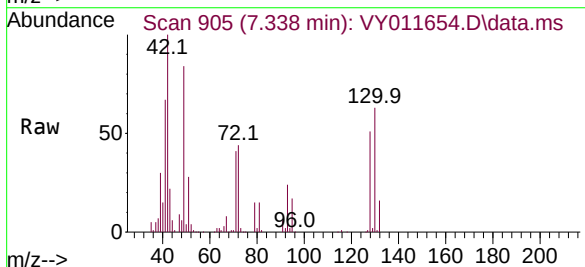
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

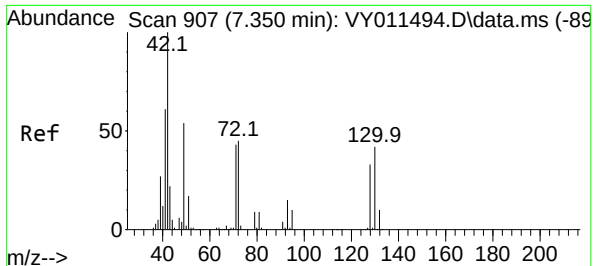
Tgt Ion: 96 Resp: 121558
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 319.8
 98 64.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 48.627 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY011654.D
 Acq: 01 Dec 2022 11:27

Tgt Ion: 49 Resp: 75220
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 76.5 55.4 83.0





#29

Tetrahydrofuran

Concen: 240.154 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

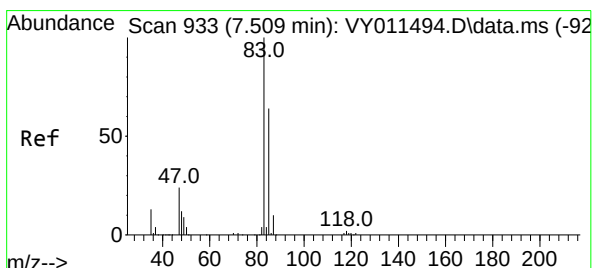
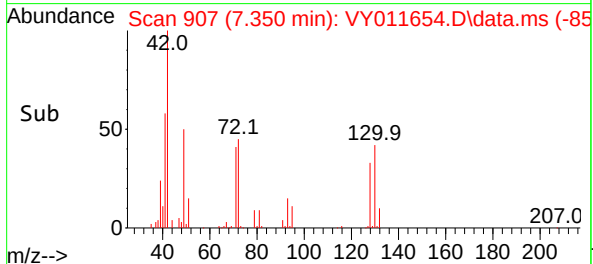
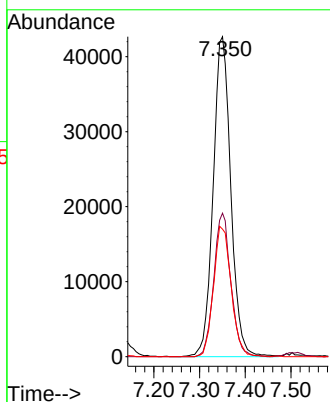
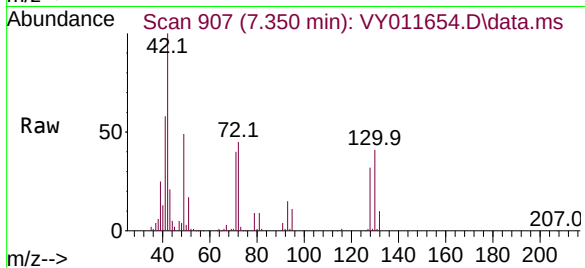
Tgt Ion: 42 Resp: 114486

Ion Ratio Lower Upper

42 100

72 43.3 30.3 45.5

71 40.7 29.0 43.4



#30

Chloroform

Concen: 51.580 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY011654.D

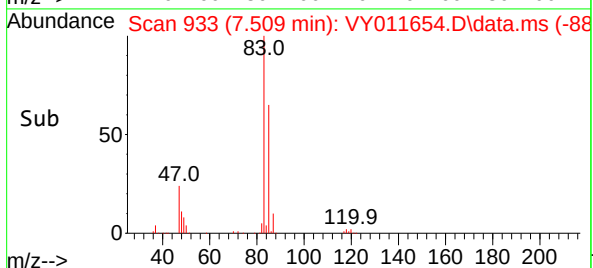
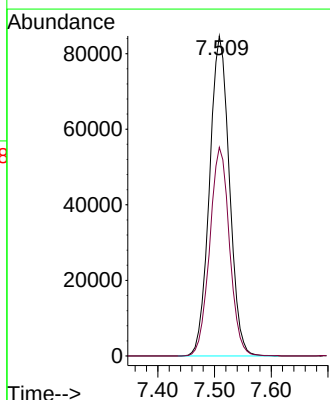
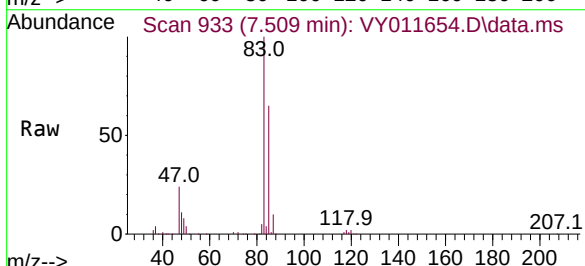
Acq: 01 Dec 2022 11:27

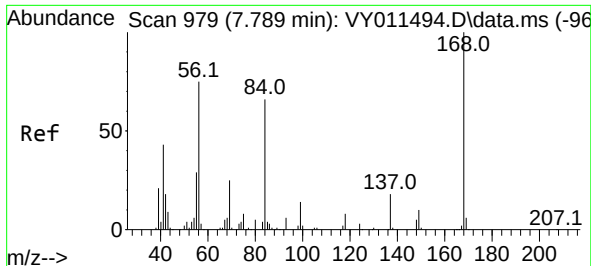
Tgt Ion: 83 Resp: 205966

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.6

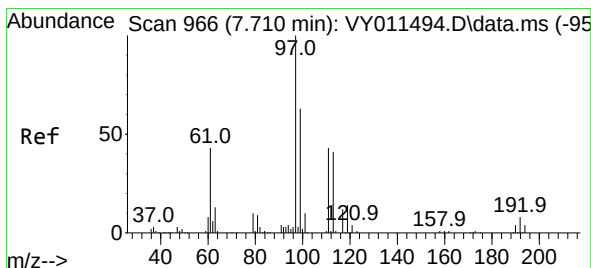
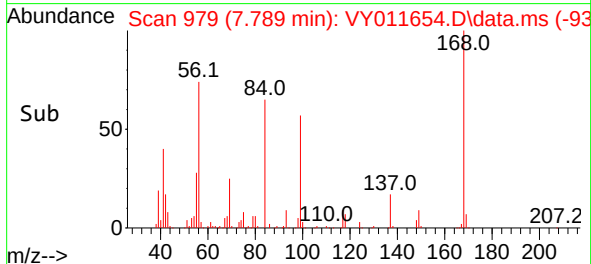
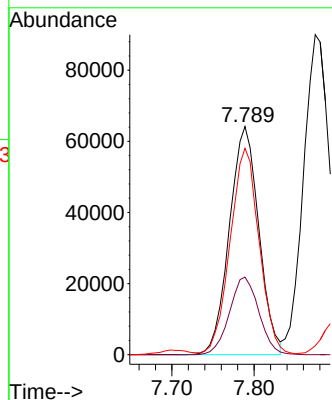
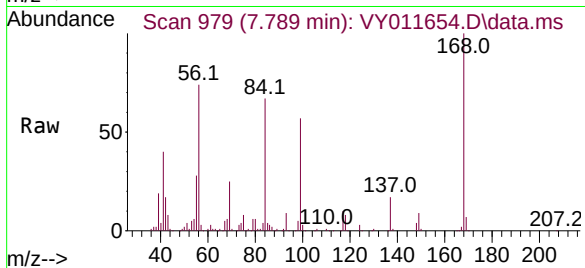




#31
Cyclohexane
Concen: 48.757 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

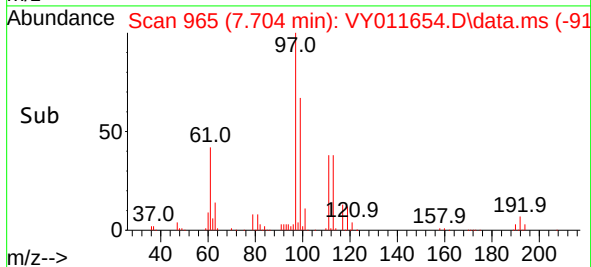
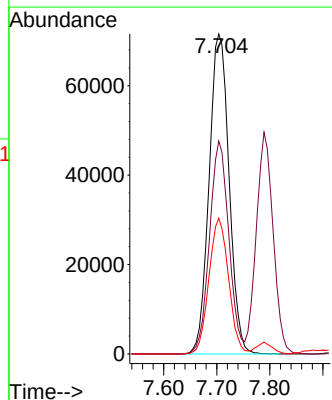
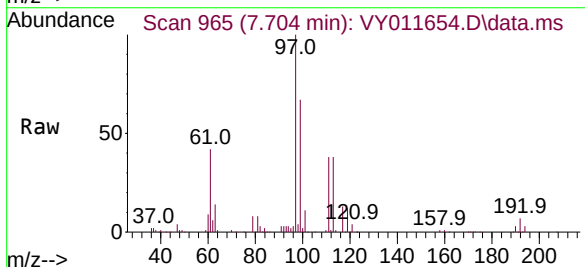
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

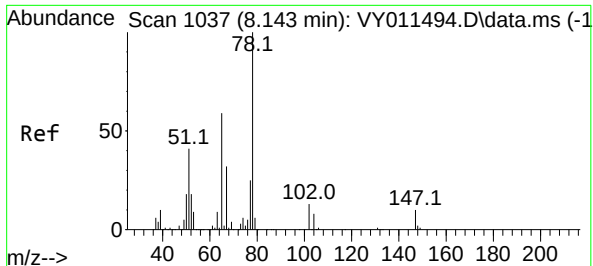
Tgt Ion: 56 Resp: 159809
Ion Ratio Lower Upper
56 100
69 34.0 26.7 40.1
84 88.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.388 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 97 Resp: 187136
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 41.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 52.521 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

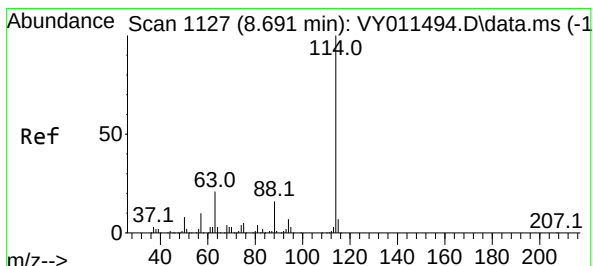
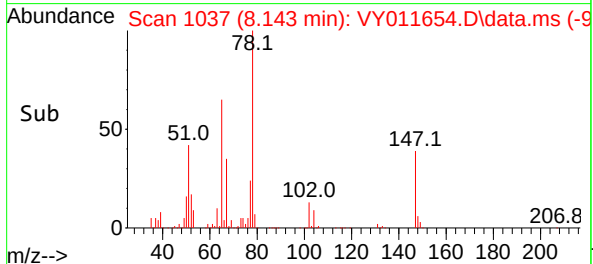
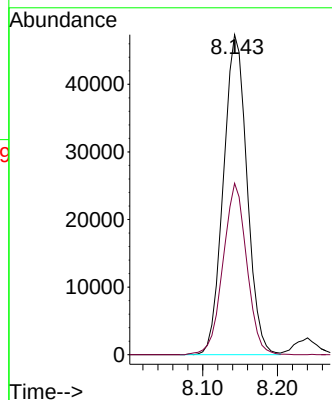
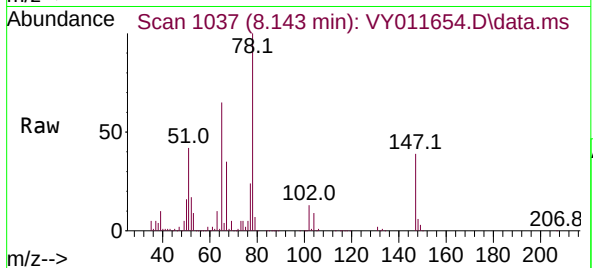
VSTDCCC050

Tgt Ion: 65 Resp: 103858

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

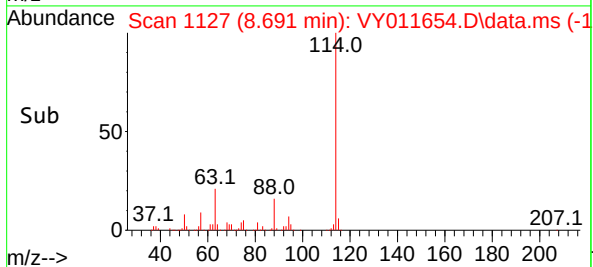
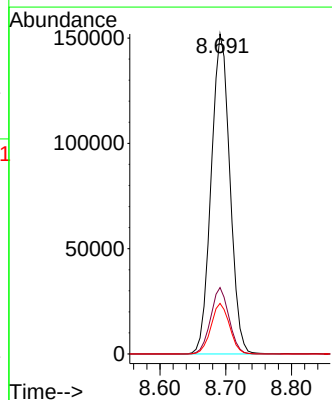
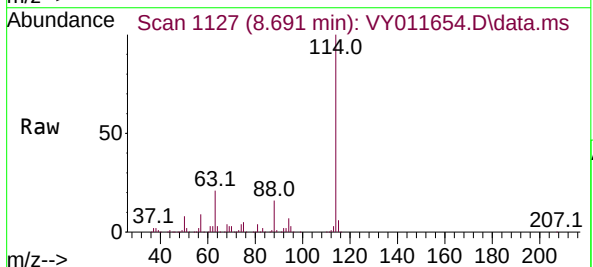
Tgt Ion: 114 Resp: 300216

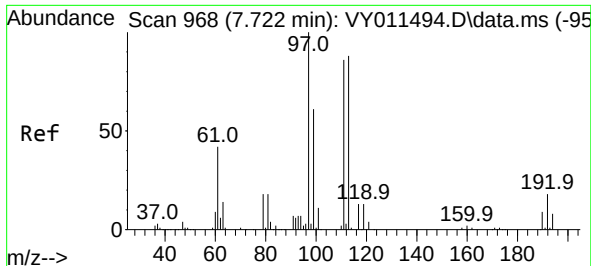
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.8 0.0 31.8

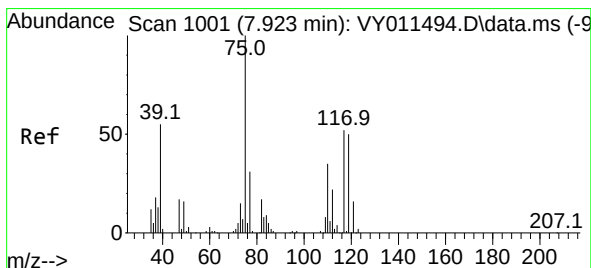
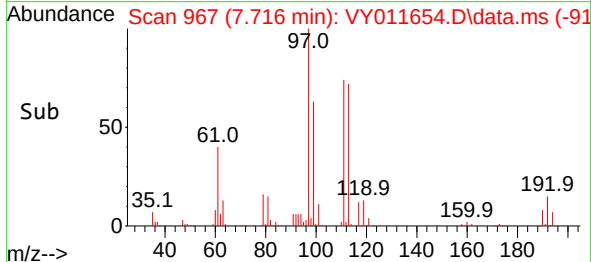
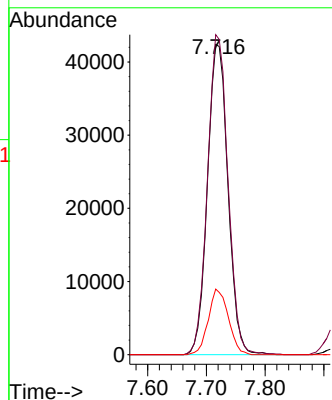
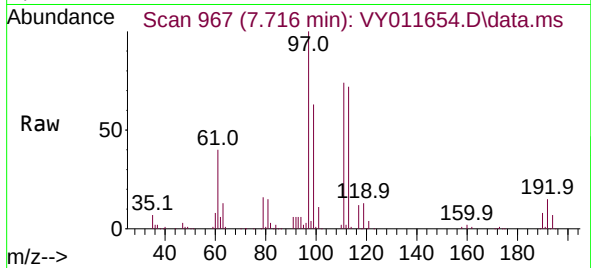




#35
Dibromofluoromethane
Concen: 55.614 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

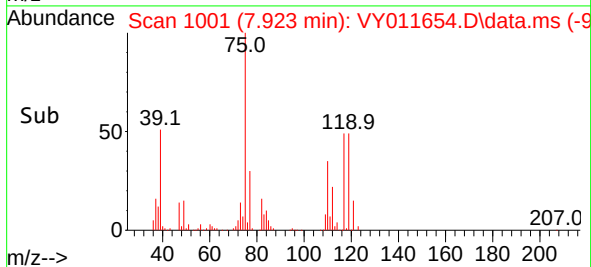
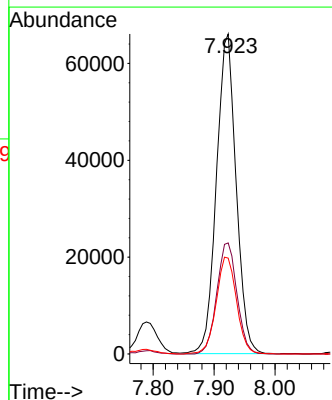
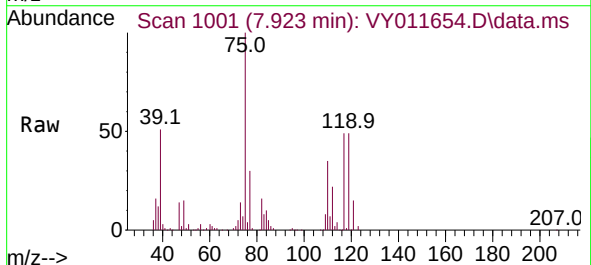
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

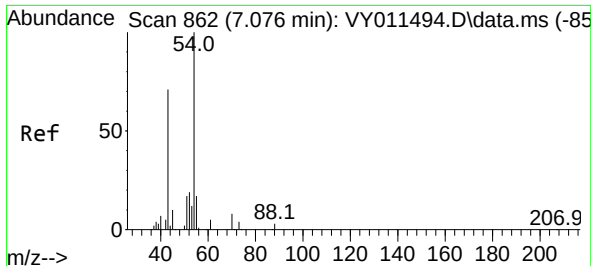
Tgt Ion:113 Resp: 102781
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 51.309 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 75 Resp: 148225
Ion Ratio Lower Upper
75 100
110 35.4 17.1 51.2
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 47.582 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

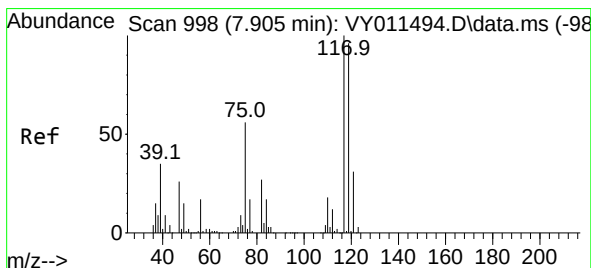
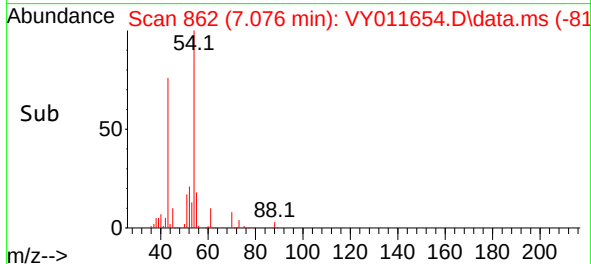
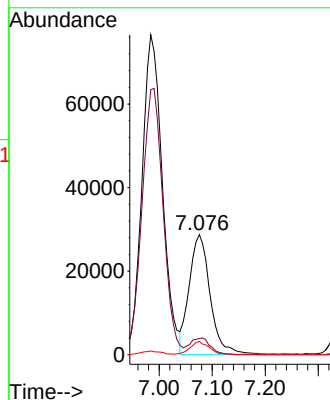
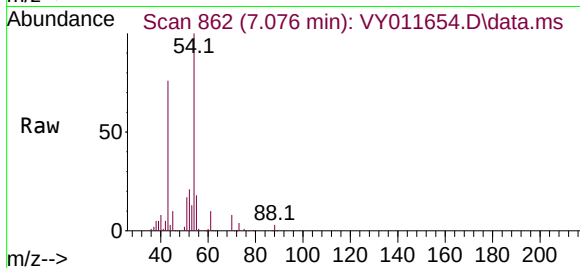
Tgt Ion: 43 Resp: 78272

Ion Ratio Lower Upper

43 100

61 13.8 9.7 14.5

70 10.1 7.1 10.7



#38

Carbon Tetrachloride

Concen: 51.704 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

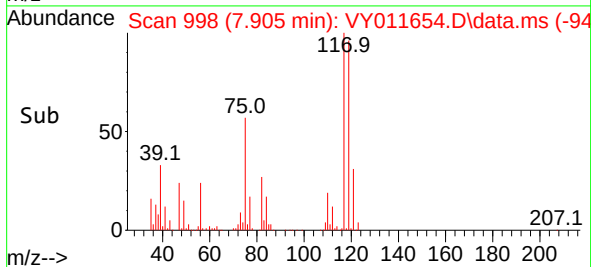
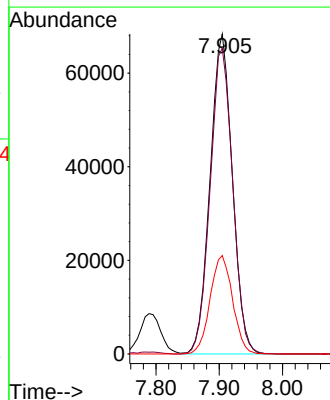
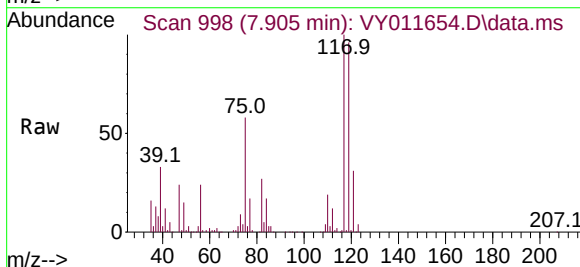
Tgt Ion: 117 Resp: 167108

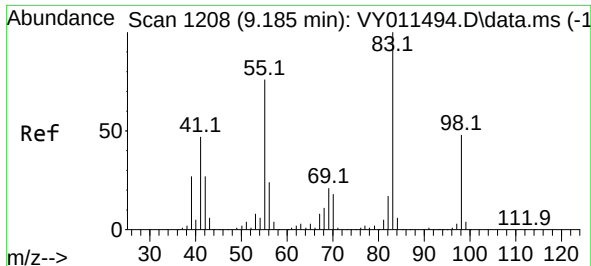
Ion Ratio Lower Upper

117 100

119 95.6 77.9 116.9

121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 53.097 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

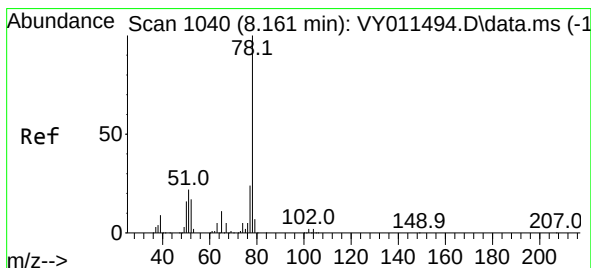
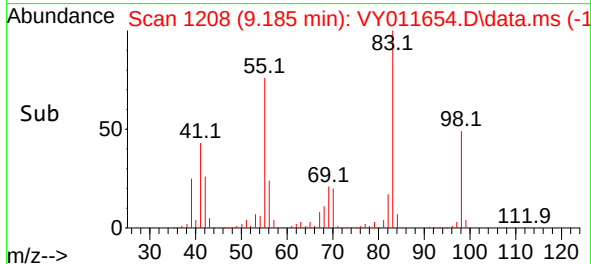
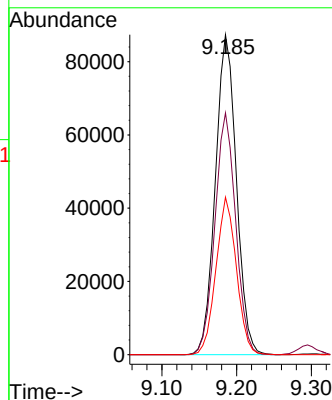
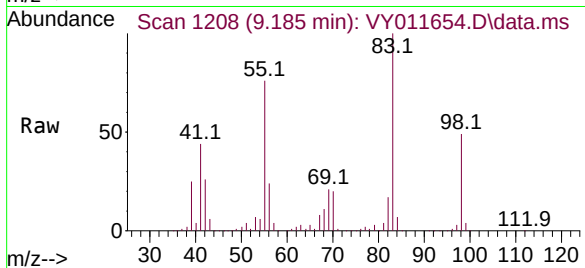
Tgt Ion: 83 Resp: 171177

Ion Ratio Lower Upper

83 100

55 75.6 66.5 99.7

98 49.2 37.9 56.9



#40

Benzene

Concen: 51.375 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011654.D

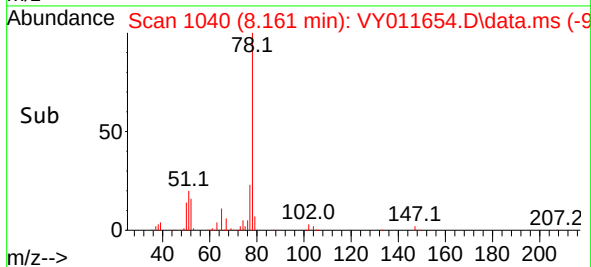
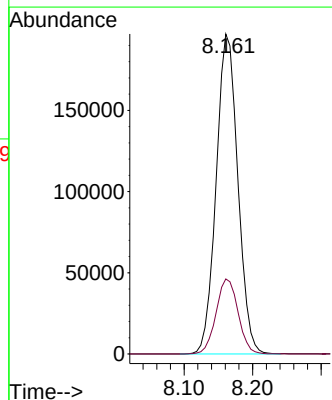
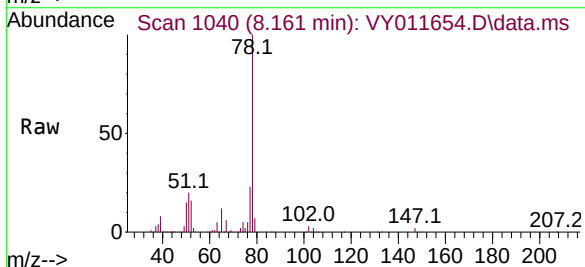
Acq: 01 Dec 2022 11:27

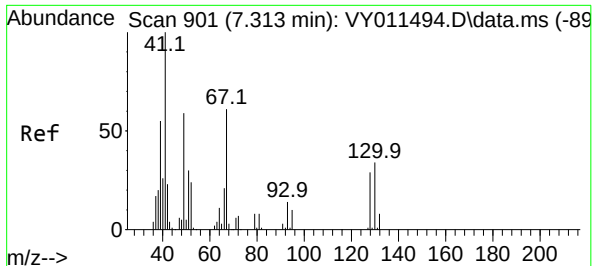
Tgt Ion: 78 Resp: 432320

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

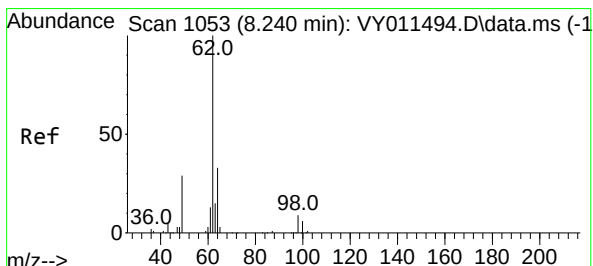
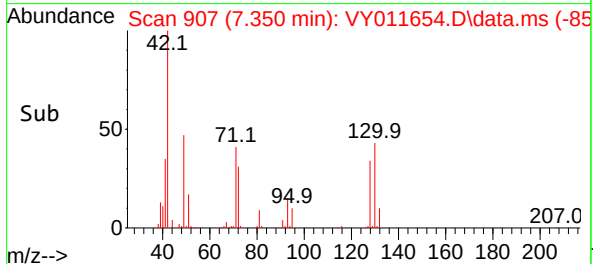
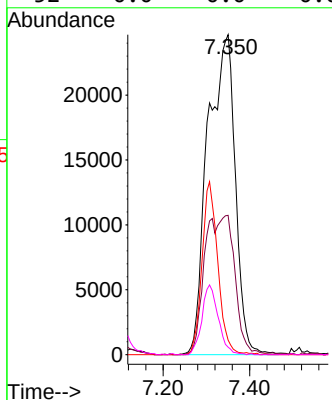
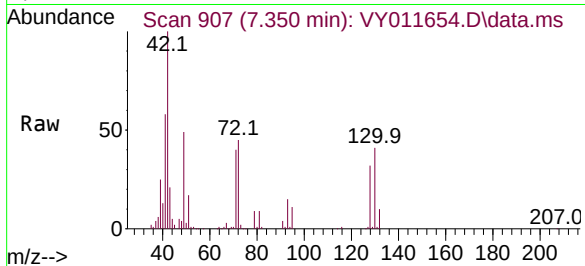




#41
Methacrylonitrile
Concen: 130.664 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

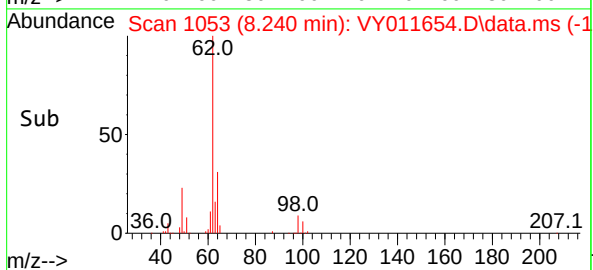
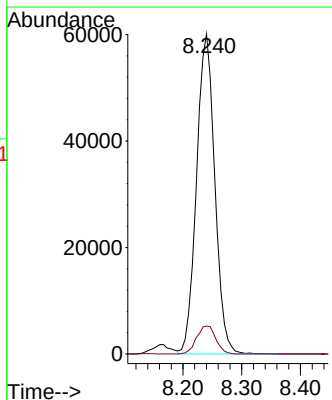
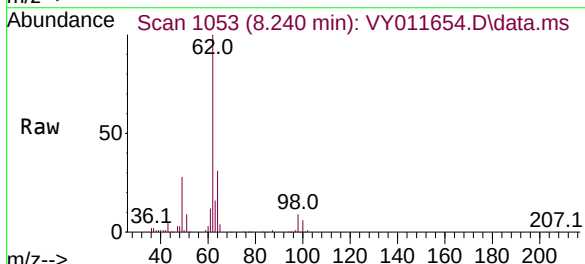
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

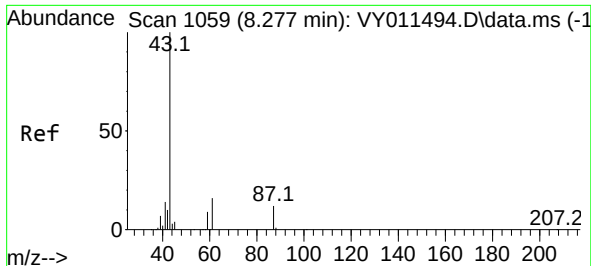
Tgt Ion: 41 Resp: 108677
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.894 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 62 Resp: 129849
Ion Ratio Lower Upper
62 100
98 9.2 0.0 14.8

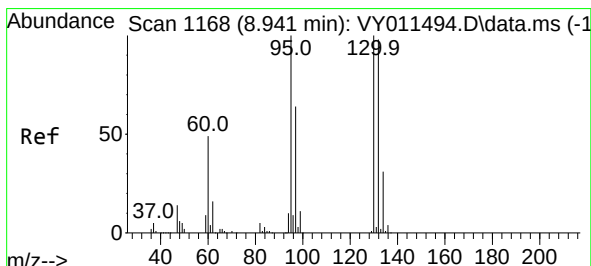
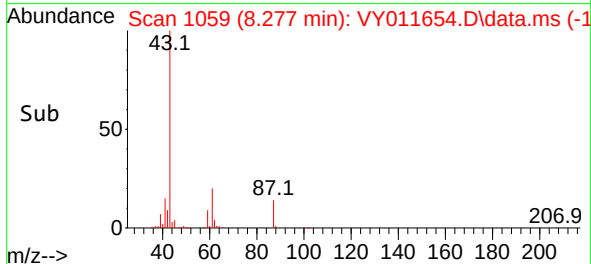
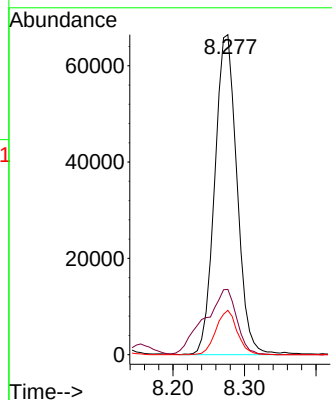
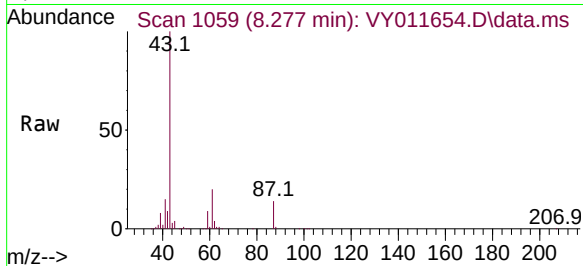




#43
Isopropyl Acetate
Concen: 48.318 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

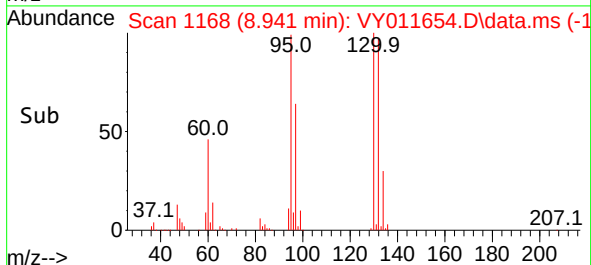
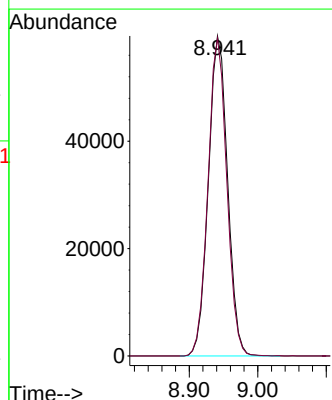
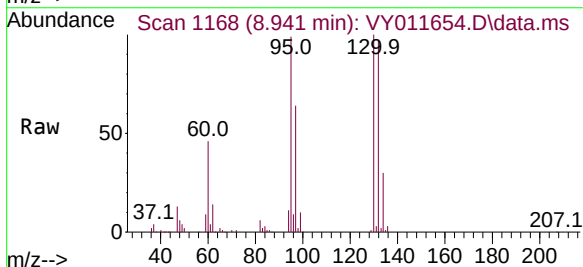
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

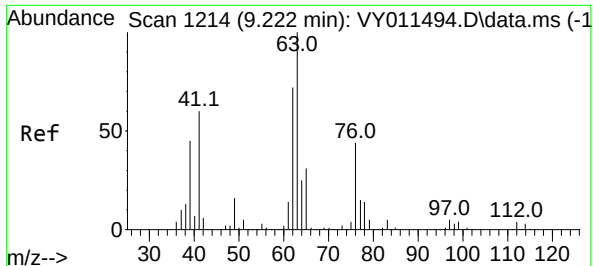
Tgt Ion: 43 Resp: 143386
Ion Ratio Lower Upper
43 100
61 29.7 20.2 30.2
87 13.3 8.9 13.3



#44
Trichloroethene
Concen: 51.276 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion:130 Resp: 116096
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.2

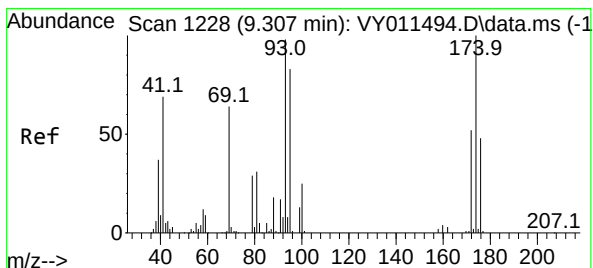
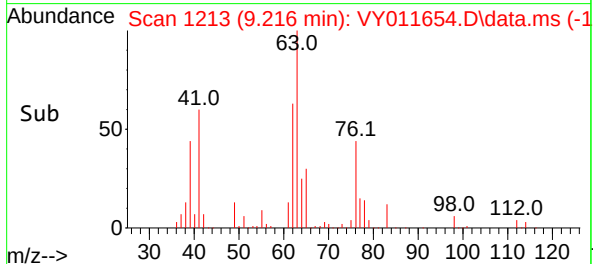
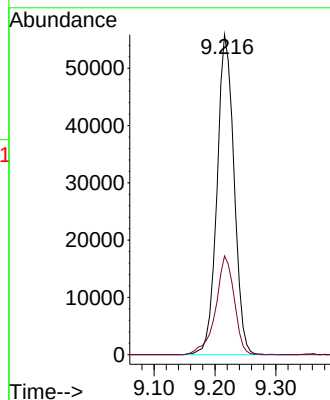
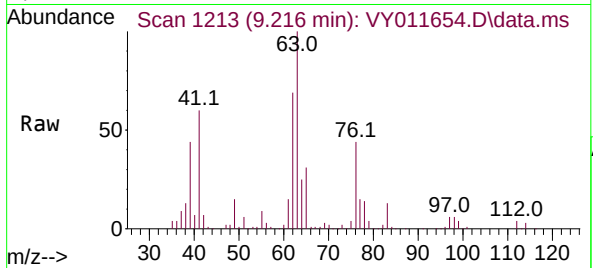




#45
1,2-Dichloropropane
Concen: 50.399 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

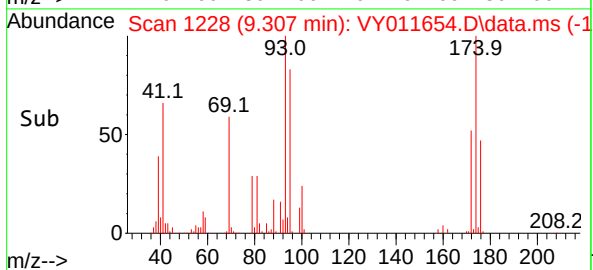
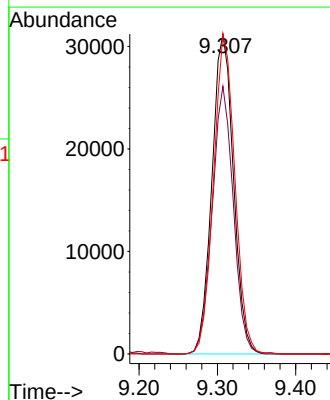
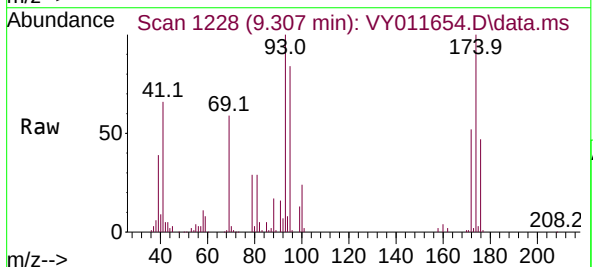
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

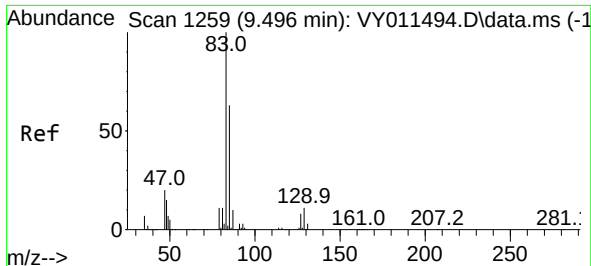
Tgt Ion: 63 Resp: 108406
Ion Ratio Lower Upper
63 100
65 30.9 23.0 34.6



#46
Dibromomethane
Concen: 49.600 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 93 Resp: 59653
Ion Ratio Lower Upper
93 100
95 81.9 64.3 96.5
174 99.1 83.4 125.0

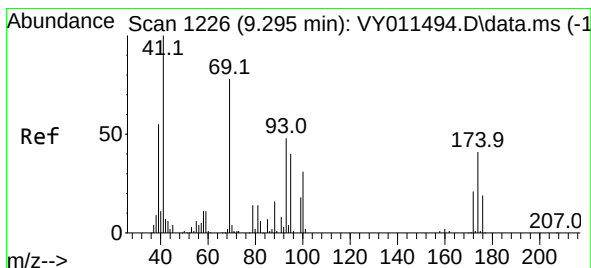
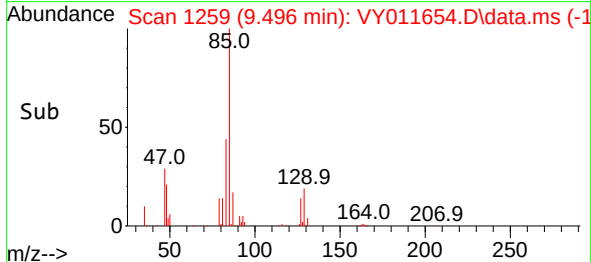
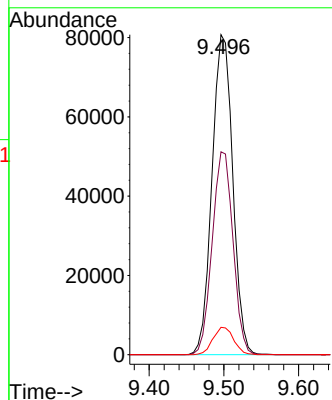
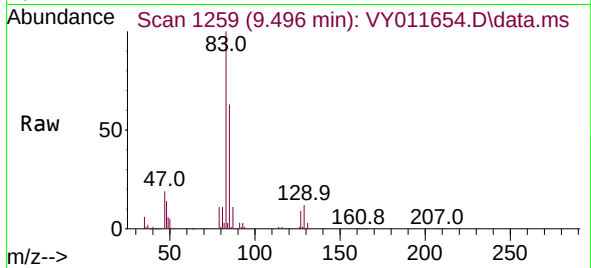




#47
Bromodichloromethane
Concen: 51.311 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

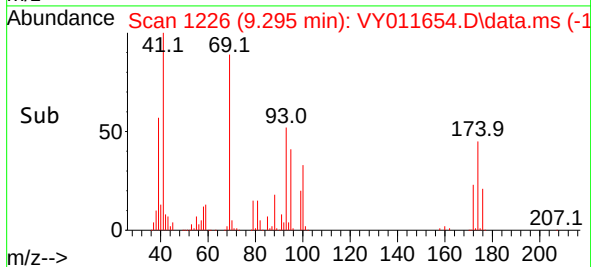
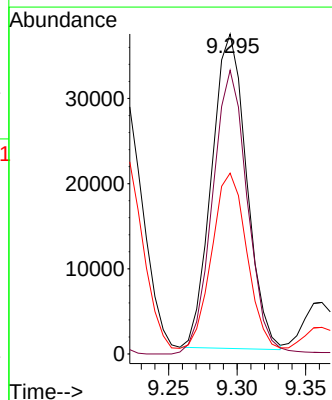
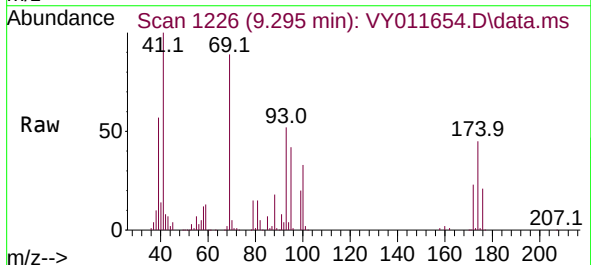
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

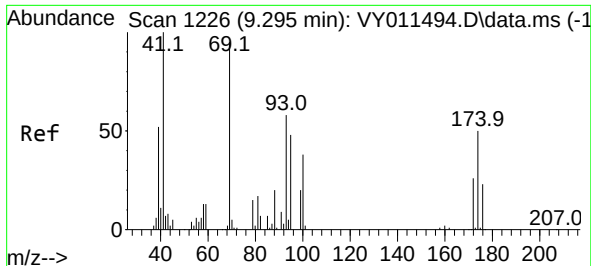
Tgt Ion: 83 Resp: 155441
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 49.706 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 41 Resp: 65518
Ion Ratio Lower Upper
41 100
69 90.9 58.2 87.2#
39 56.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1020.405 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

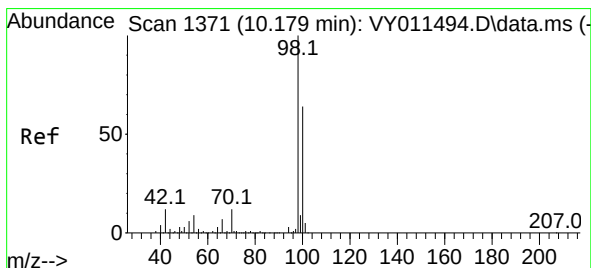
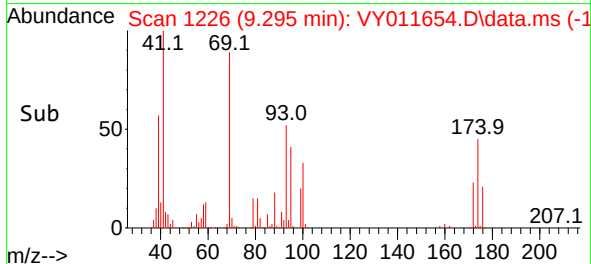
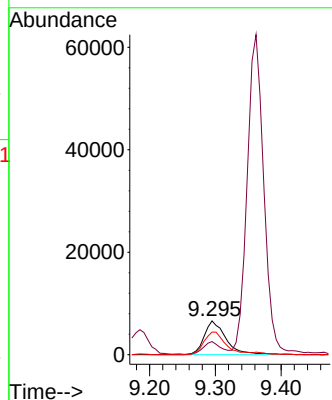
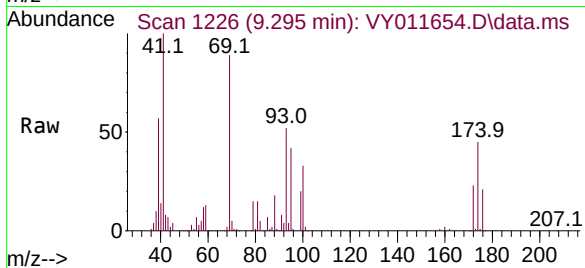
Tgt Ion: 88 Resp: 15198

Ion Ratio Lower Upper

88 100

43 30.0 32.8 49.2#

58 67.2 59.8 89.6



#50

Toluene-d8

Concen: 53.217 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011654.D

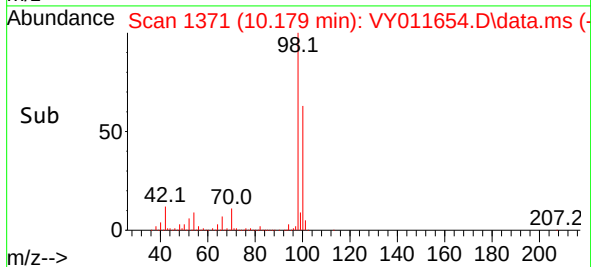
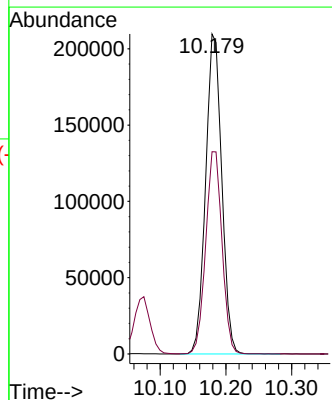
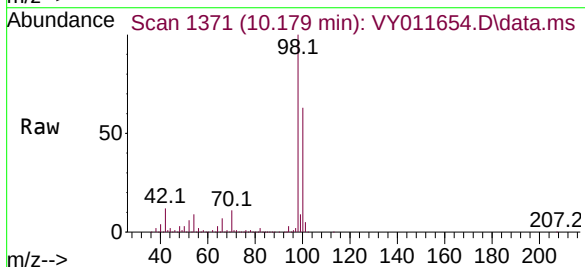
Acq: 01 Dec 2022 11:27

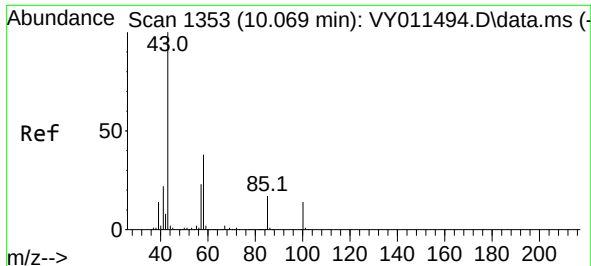
Tgt Ion: 98 Resp: 357397

Ion Ratio Lower Upper

98 100

100 64.2 50.2 75.2

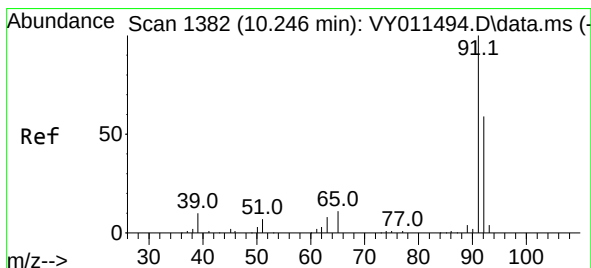
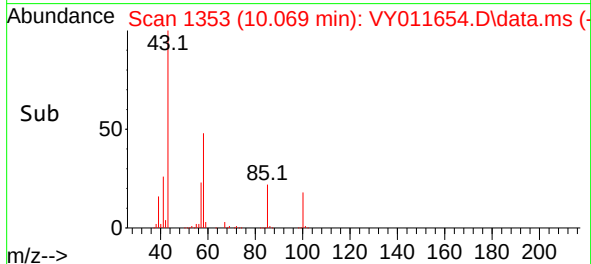
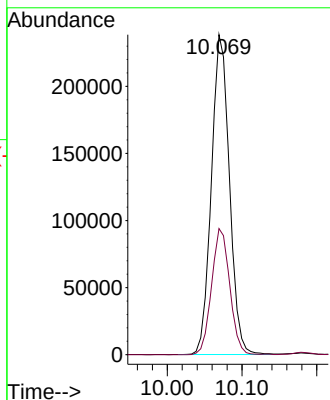
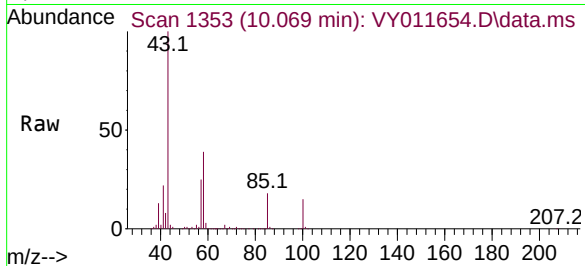




#51
4-Methyl-2-Pentanone
Concen: 242.422 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

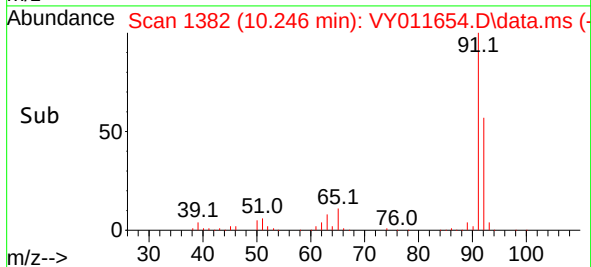
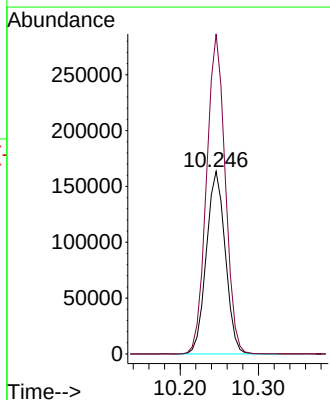
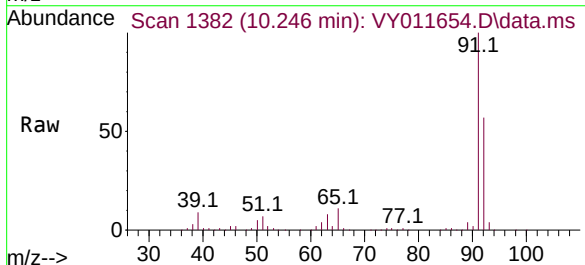
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

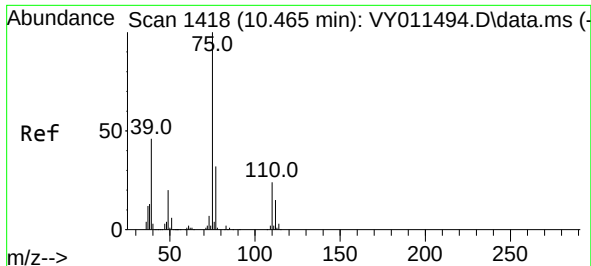
Tgt Ion: 43 Resp: 399914
Ion Ratio Lower Upper
43 100
58 39.8 28.1 42.1



#52
Toluene
Concen: 51.524 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 92 Resp: 274182
Ion Ratio Lower Upper
92 100
91 172.6 142.6 213.8

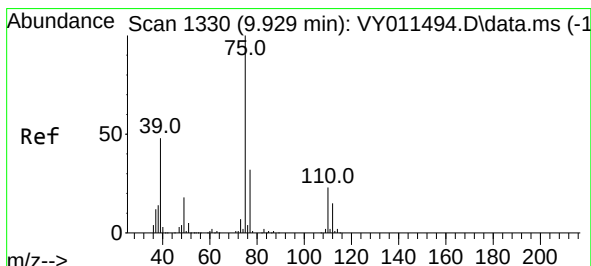
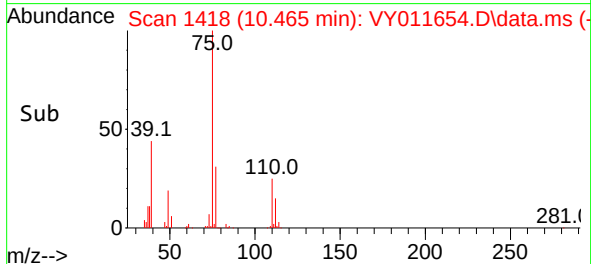
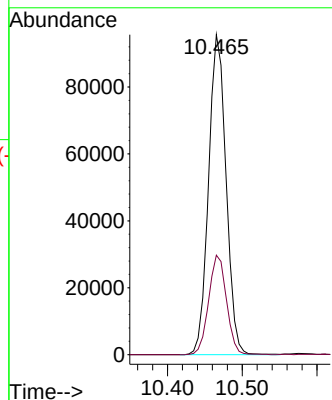
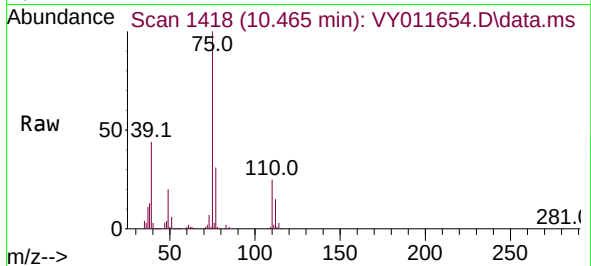




#53
t-1,3-Dichloropropene
Concen: 51.374 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

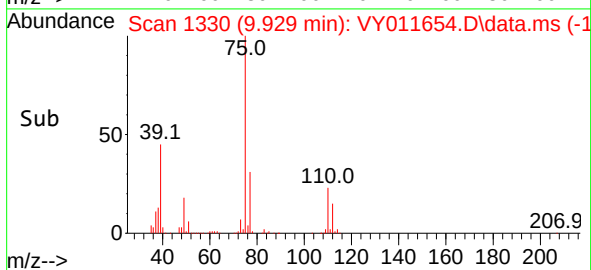
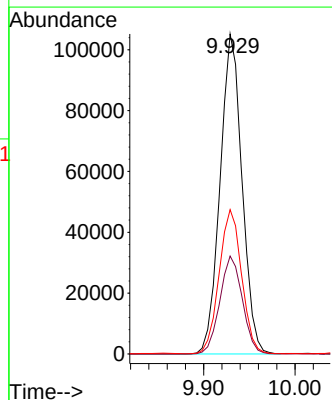
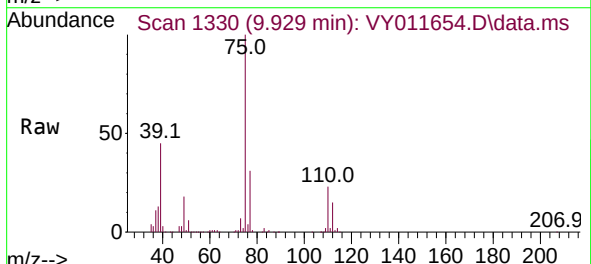
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

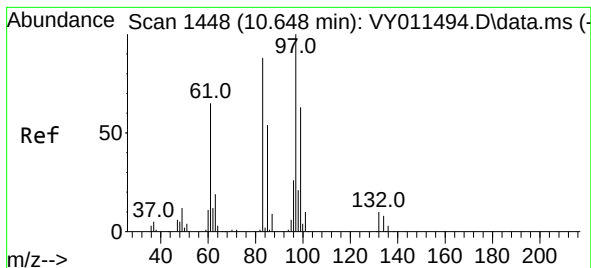
Tgt Ion: 75 Resp: 155569
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.517 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 75 Resp: 175501
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4
39 45.0 47.6 71.4#

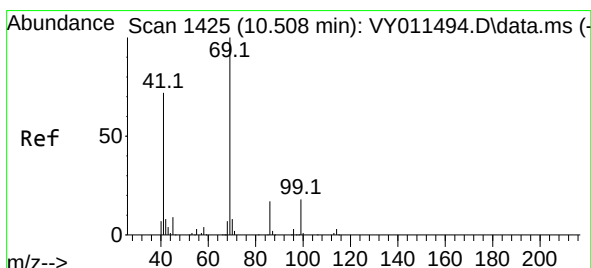
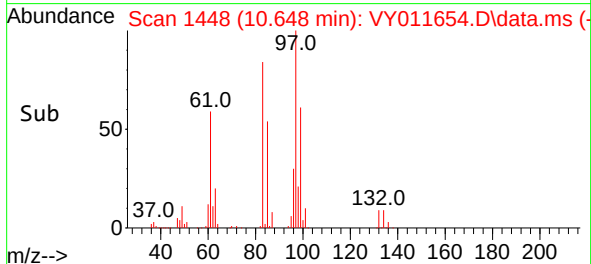
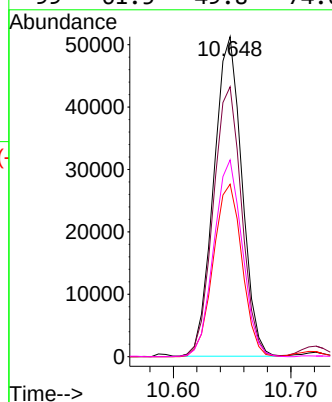
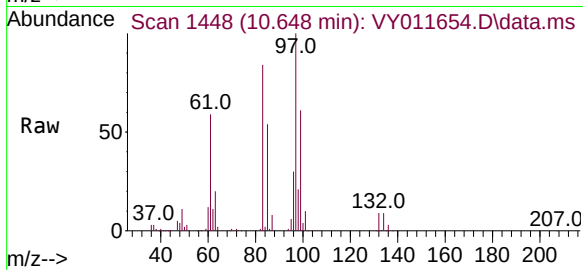




#55
1,1,2-Trichloroethane
Concen: 49.546 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

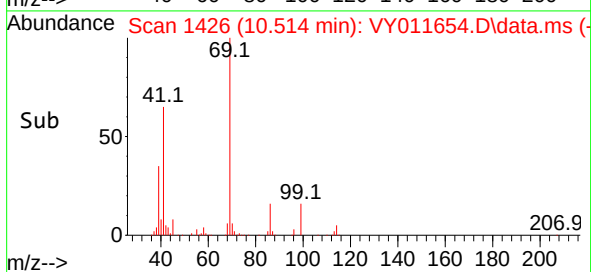
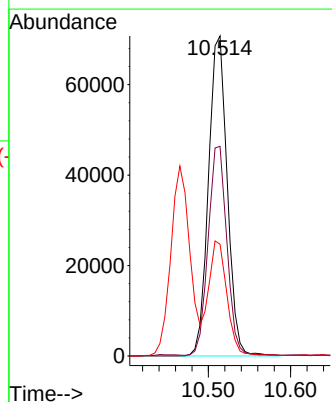
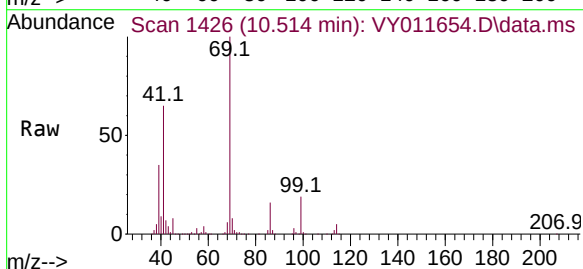
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

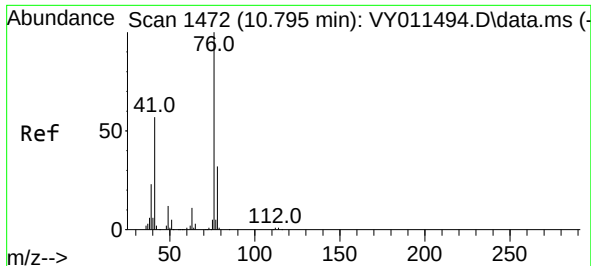
Tgt Ion:	97	Resp:	85251
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.8	104.8
85	54.0	44.3	66.5
99	61.5	49.8	74.6



#56
Ethyl methacrylate
Concen: 52.500 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion:	69	Resp:	112348
Ion	Ratio	Lower	Upper
69	100		
41	65.0	63.4	95.0
39	35.2	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 49.790 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.007 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

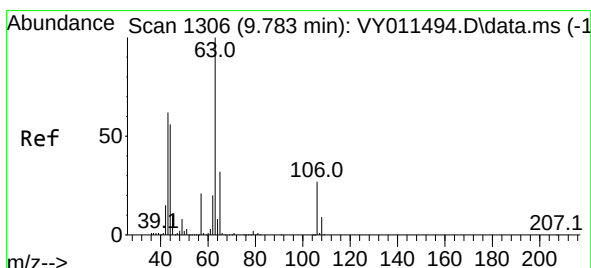
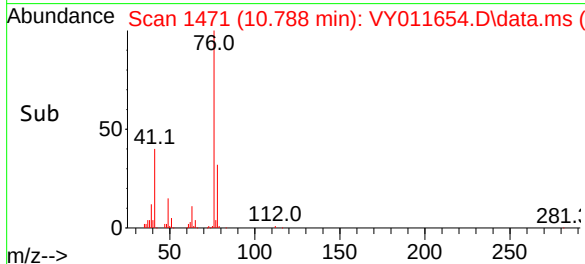
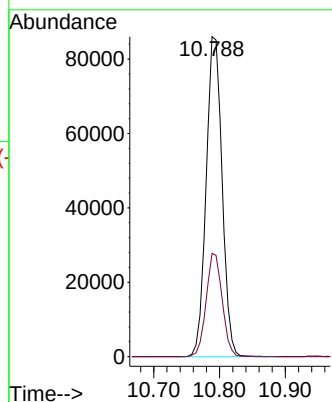
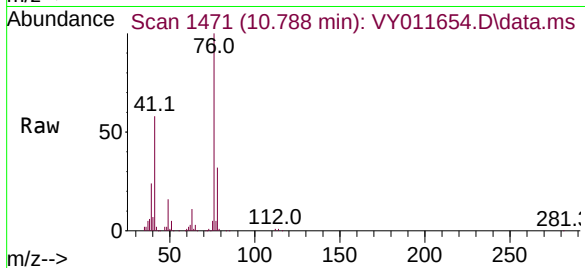
VSTDCCC050

Tgt Ion: 76 Resp: 145090

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 246.017 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011654.D

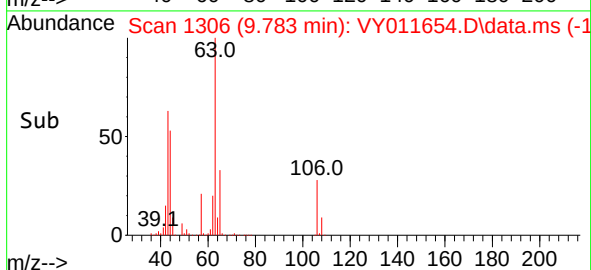
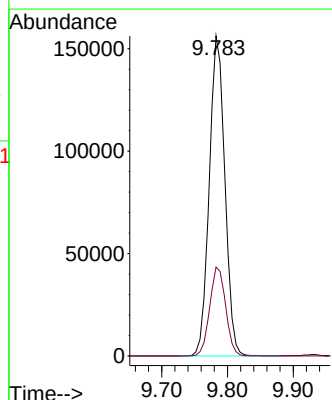
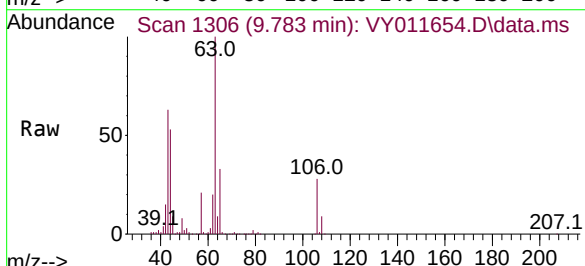
Acq: 01 Dec 2022 11:27

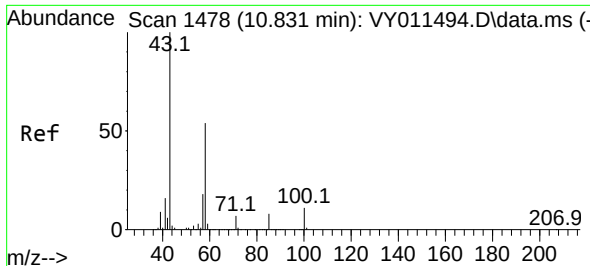
Tgt Ion: 63 Resp: 257837

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3

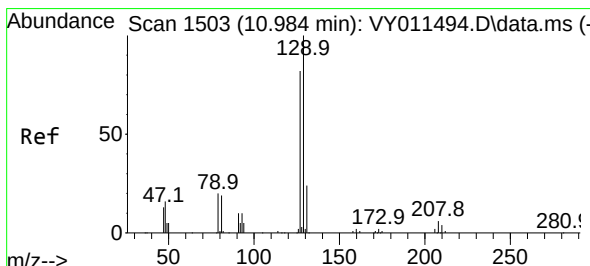
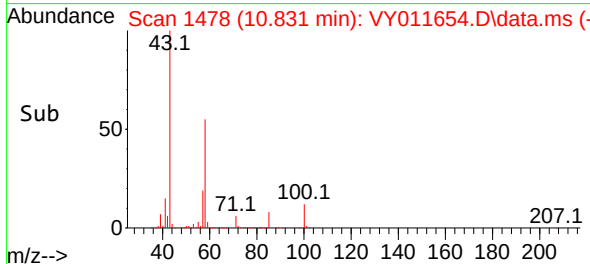
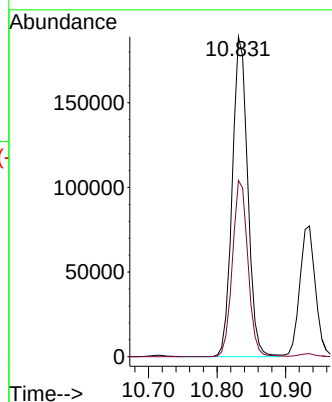
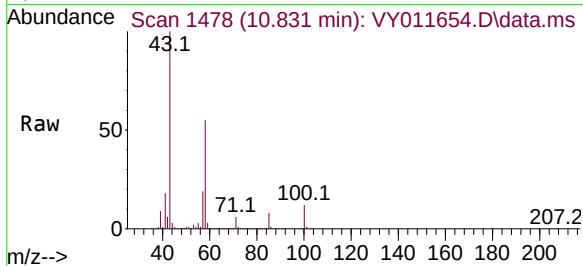




#59
2-Hexanone
Concen: 252.204 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

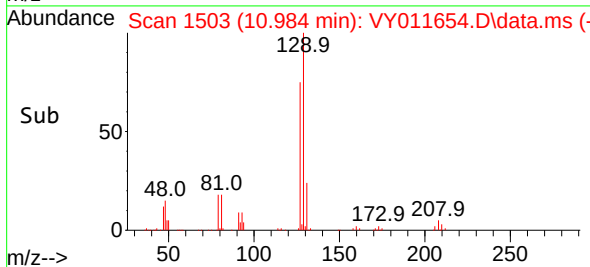
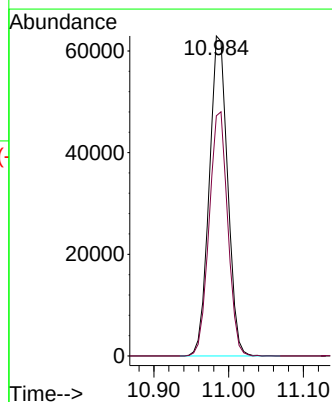
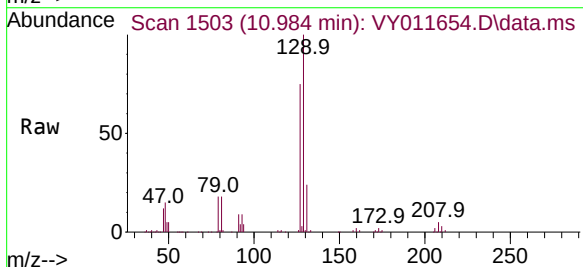
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

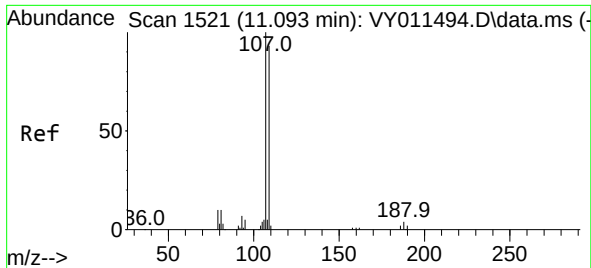
Tgt Ion: 43 Resp: 296945
Ion Ratio Lower Upper
43 100
58 55.2 24.4 73.4



#60
Dibromochloromethane
Concen: 50.935 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 129 Resp: 107404
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

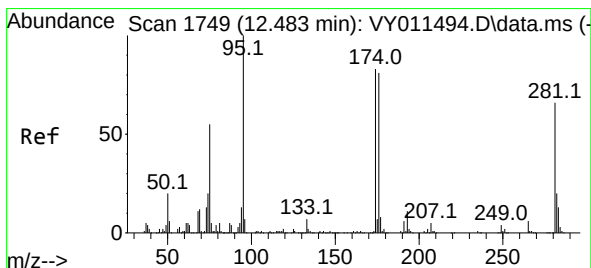
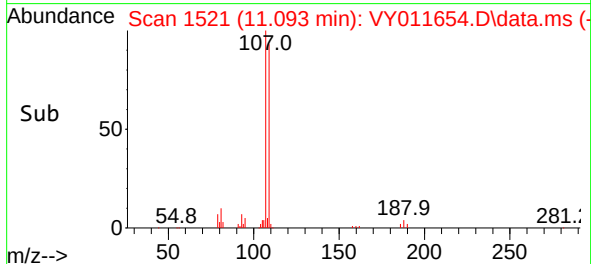
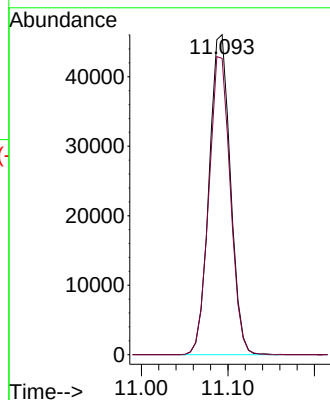
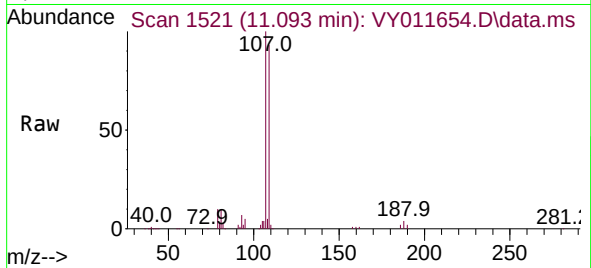




#61
1,2-Dibromoethane
Concen: 49.959 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

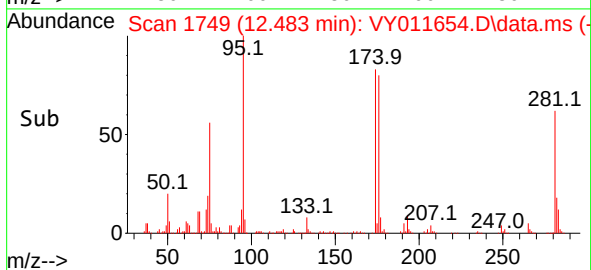
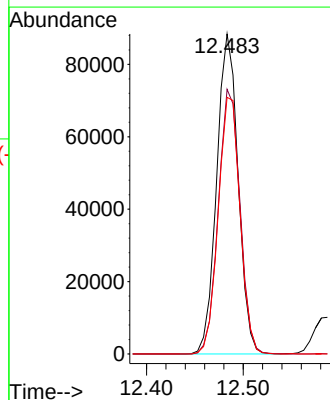
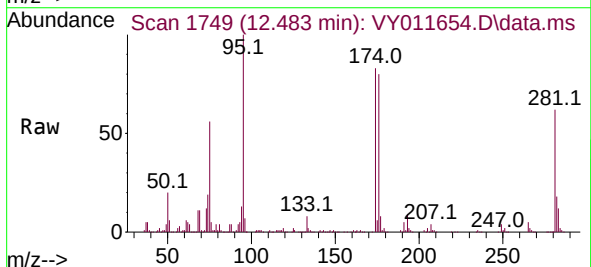
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

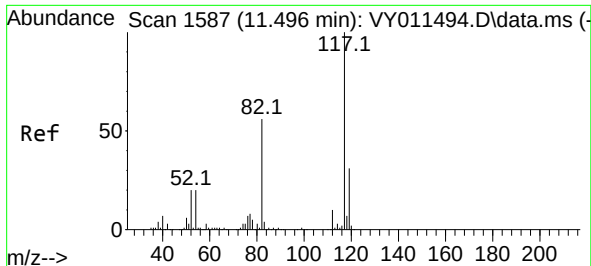
Tgt Ion:107 Resp: 78463
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.680 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 95 Resp: 135774
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.7 0.0 175.8

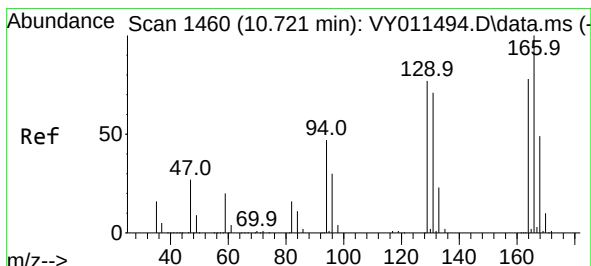
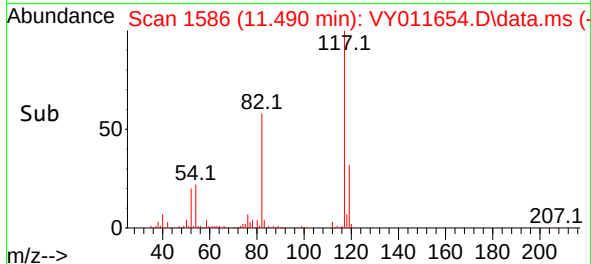
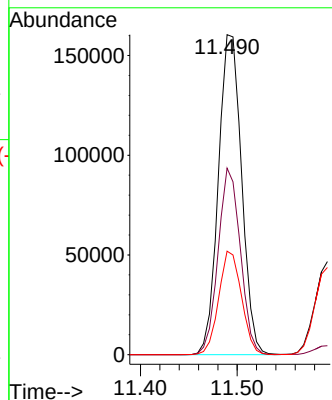
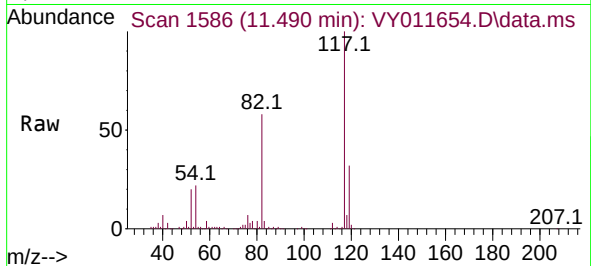




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

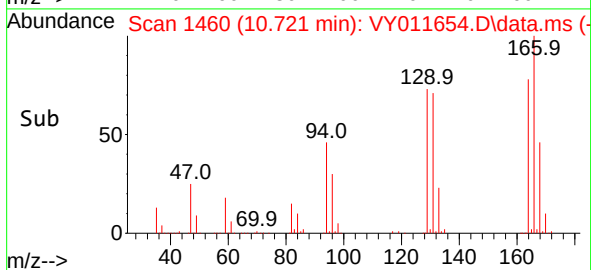
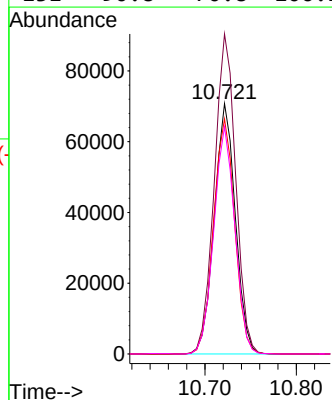
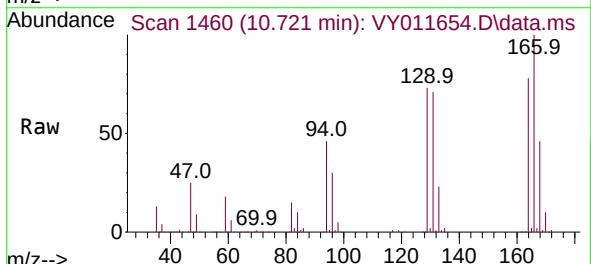
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

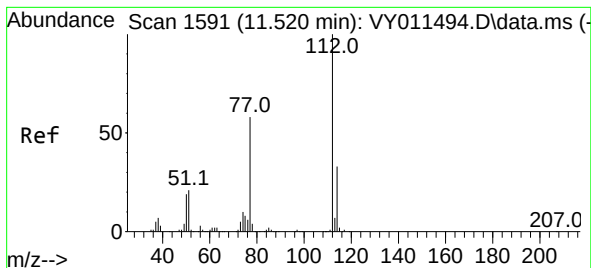
Tgt Ion:117 Resp: 267495
Ion Ratio Lower Upper
117 100
82 58.3 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 51.488 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion:164 Resp: 113496
Ion Ratio Lower Upper
164 100
166 127.8 100.4 150.6
129 93.9 71.4 107.0
131 90.8 70.8 106.2





#65

Chlorobenzene

Concen: 51.878 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

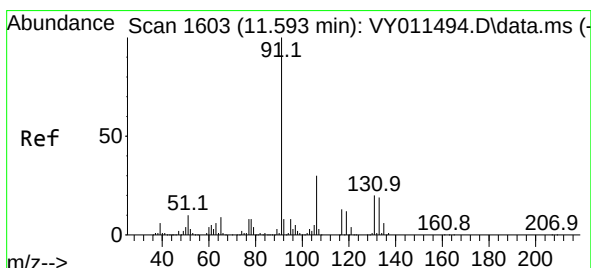
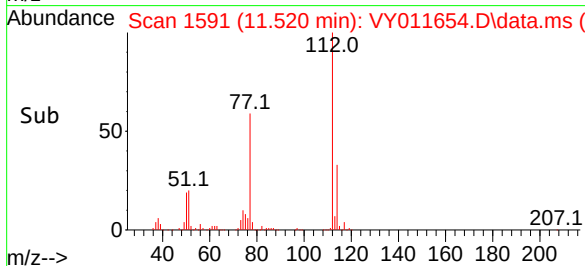
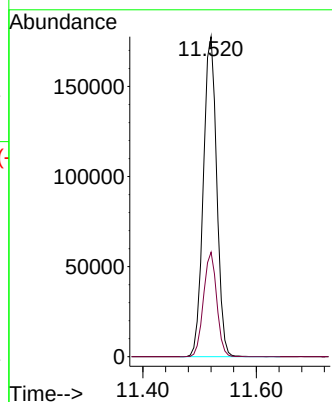
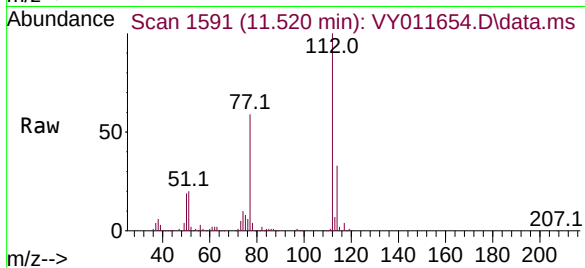
VSTDCCC050

Tgt Ion:112 Resp: 290587

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 53.271 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

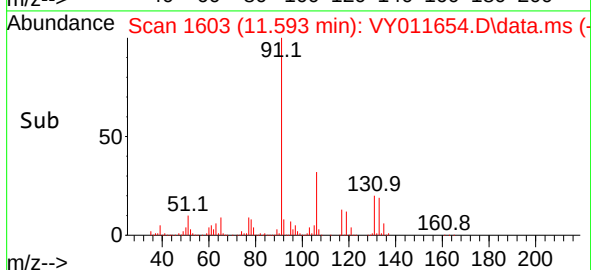
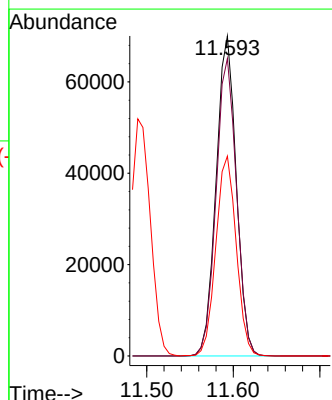
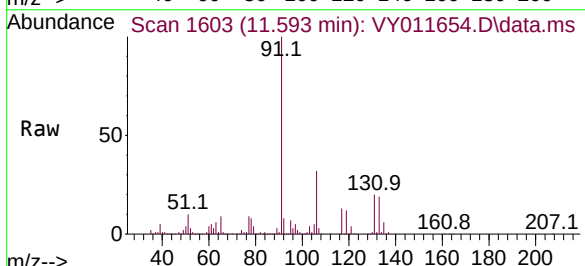
Tgt Ion:131 Resp: 113094

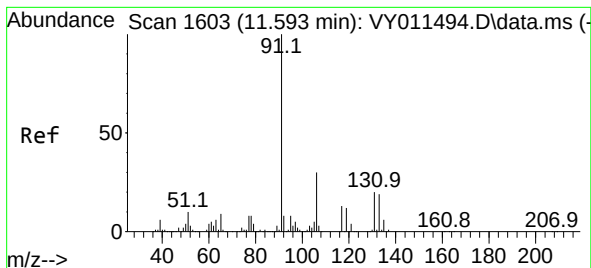
Ion Ratio Lower Upper

131 100

133 94.5 47.9 143.6

119 63.3 30.8 92.3





#67

Ethyl Benzene

Concen: 53.262 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

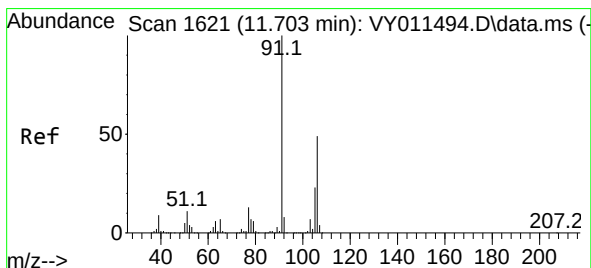
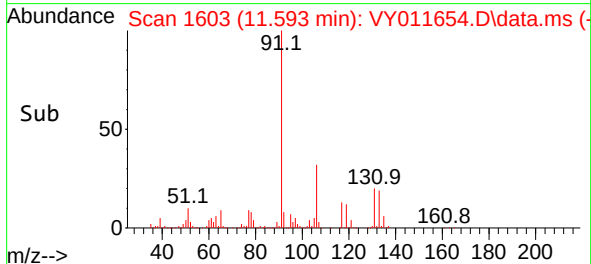
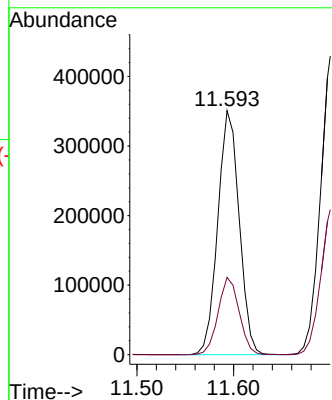
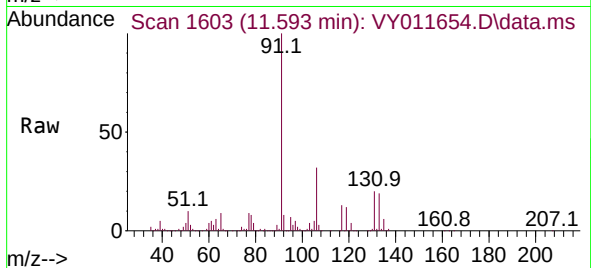
VSTDCCC050

Tgt Ion: 91 Resp: 538682

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 106.483 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011654.D

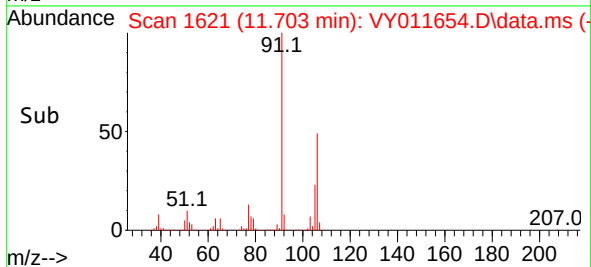
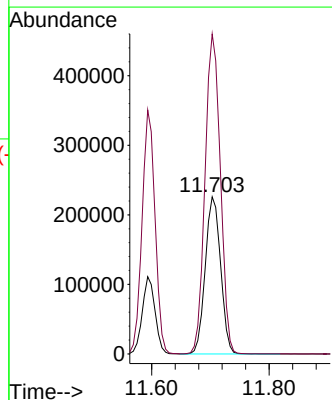
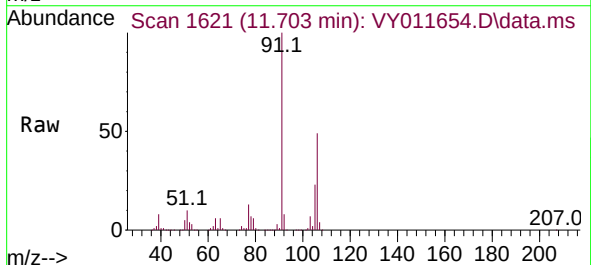
Acq: 01 Dec 2022 11:27

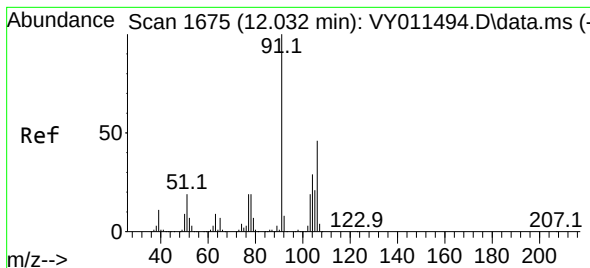
Tgt Ion:106 Resp: 409962

Ion Ratio Lower Upper

106 100

91 203.5 166.6 249.8

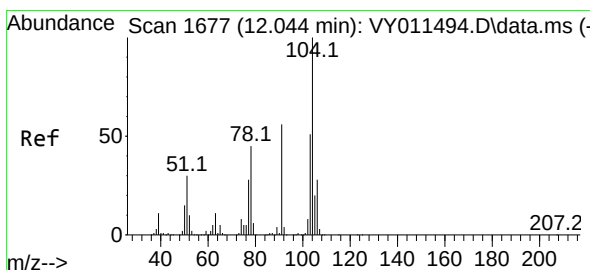
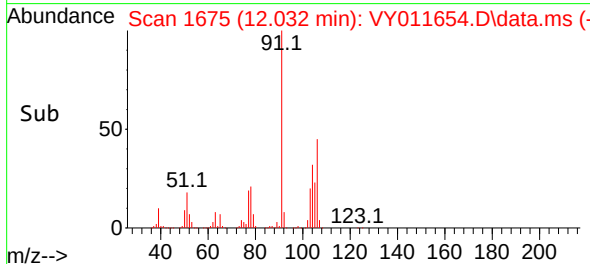
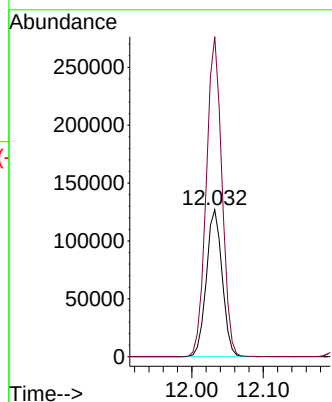
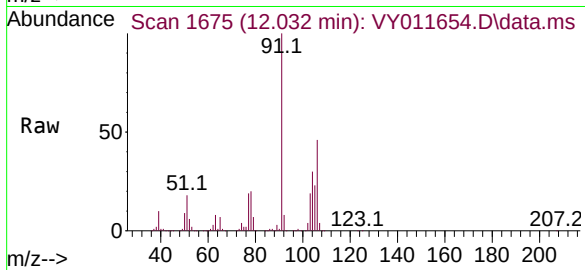




#69
o-Xylene
Concen: 54.358 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

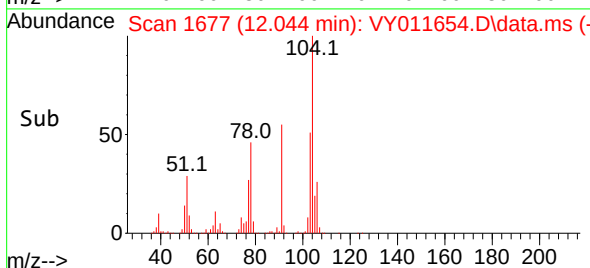
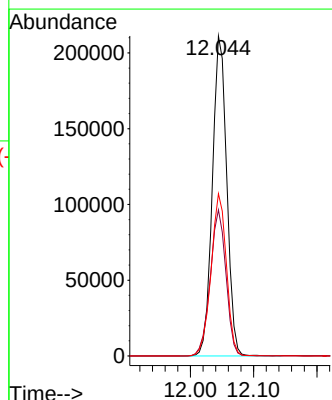
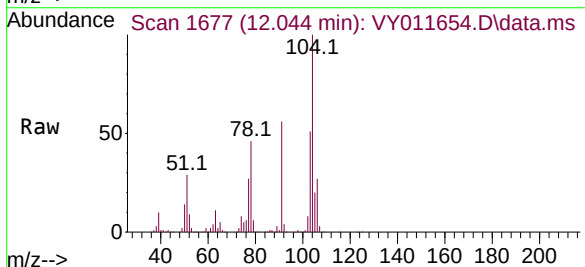
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

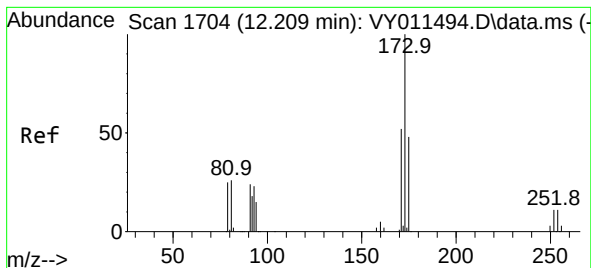
Tgt Ion:106 Resp: 194844
Ion Ratio Lower Upper
106 100
91 215.8 110.3 331.0



#70
Styrene
Concen: 54.491 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion:104 Resp: 333408
Ion Ratio Lower Upper
104 100
78 49.8 42.4 63.6
103 54.2 44.4 66.6





#71

Bromoform

Concen: 51.515 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

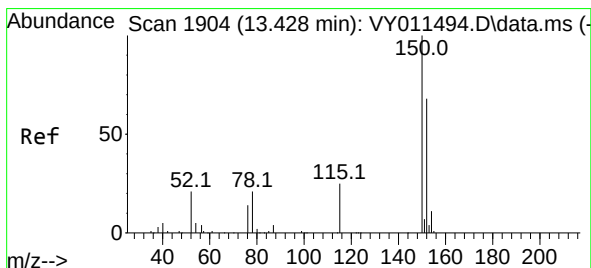
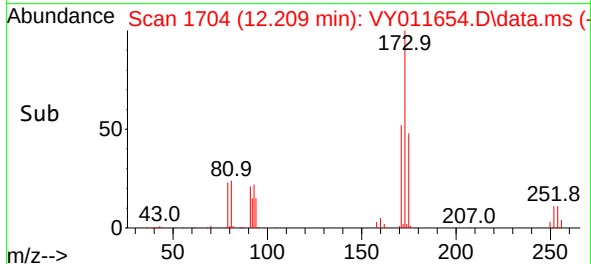
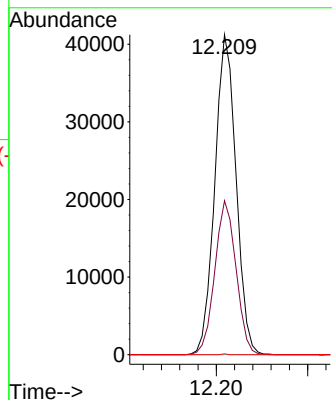
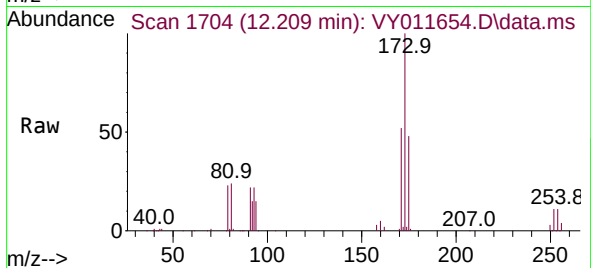
Tgt Ion:173 Resp: 66536

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

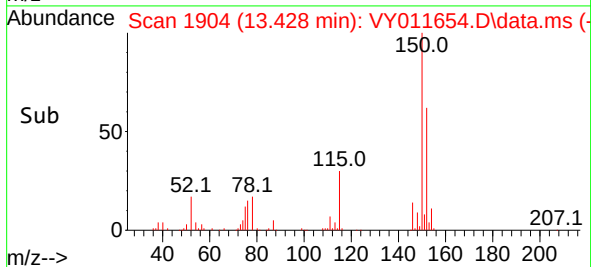
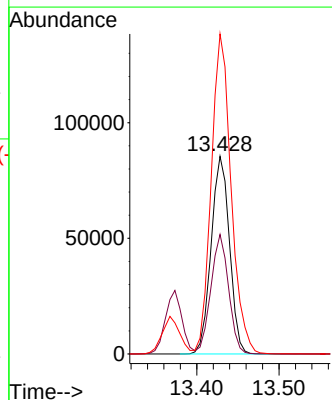
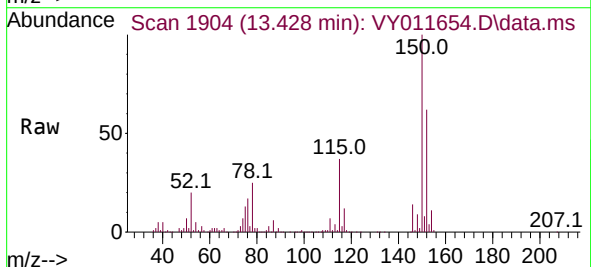
Tgt Ion:152 Resp: 132475

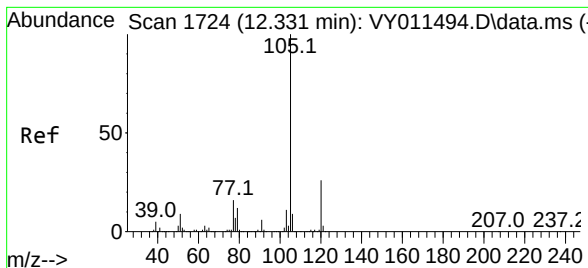
Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 175.7 0.0 347.6





#73

Isopropylbenzene

Concen: 55.973 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

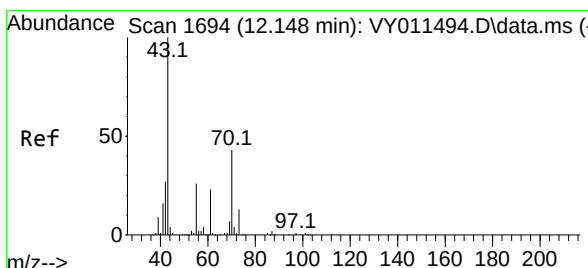
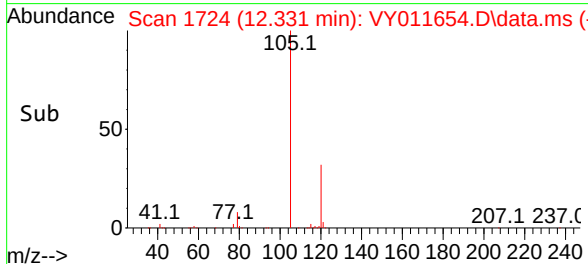
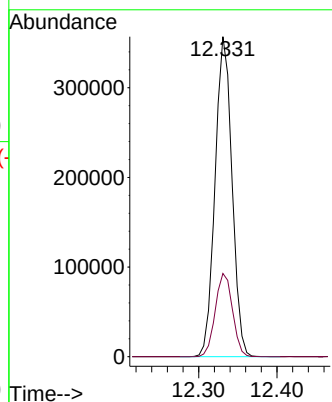
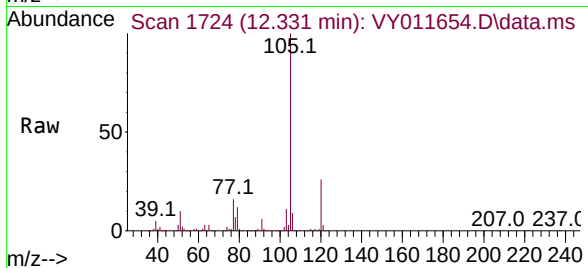
VSTDCCC050

Tgt Ion:105 Resp: 536271

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 52.408 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Tgt Ion: 43 Resp: 123995

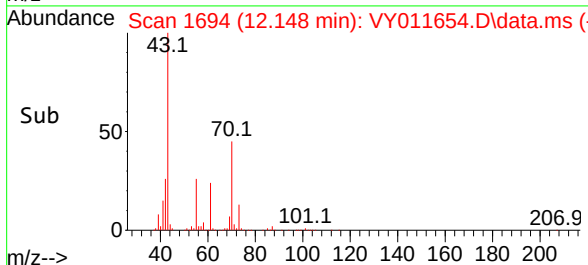
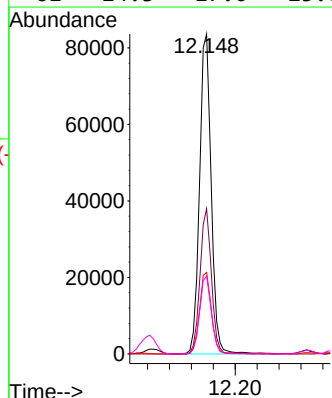
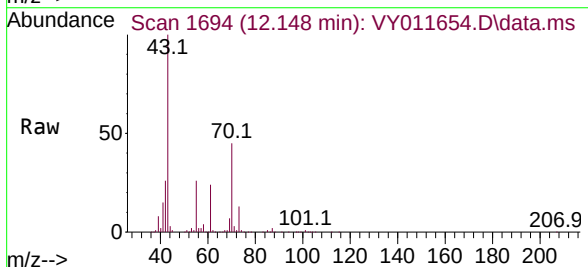
Ion Ratio Lower Upper

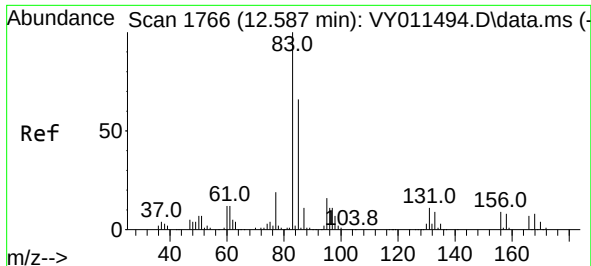
43 100

70 44.1 28.7 43.1#

55 26.1 17.3 25.9#

61 24.3 17.0 25.6

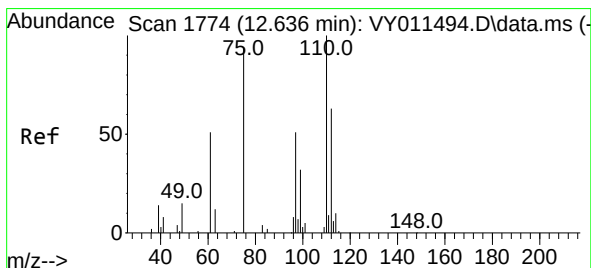
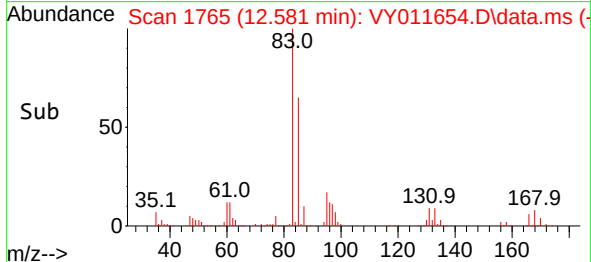
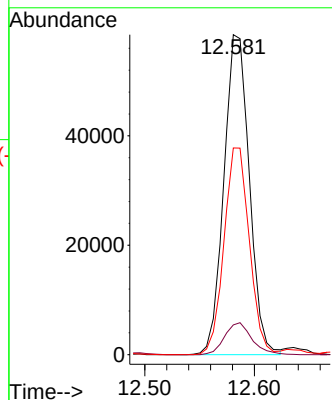
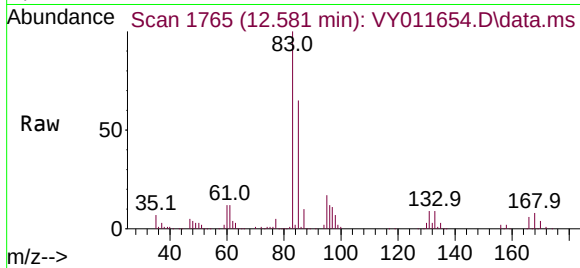




#75
1,1,2,2-Tetrachloroethane
Concen: 49.978 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

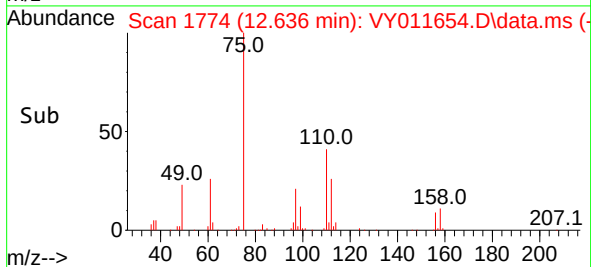
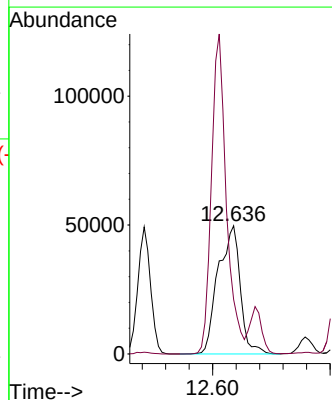
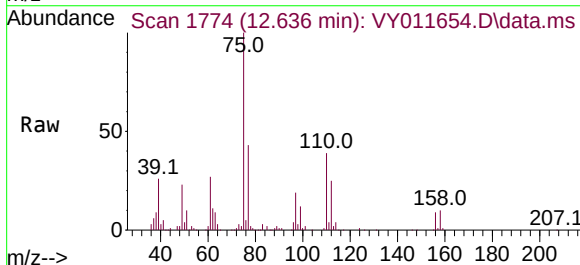
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

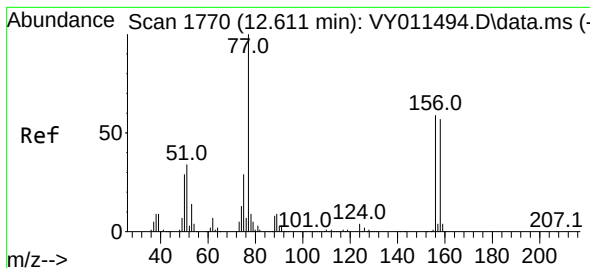
Tgt Ion: 83 Resp: 94356
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 64.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 91.030 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 75 Resp: 129869
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.225 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

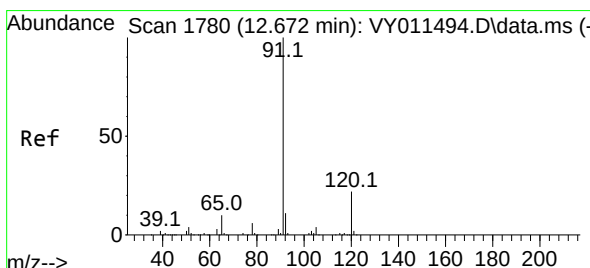
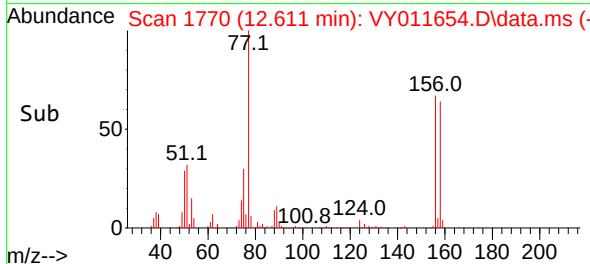
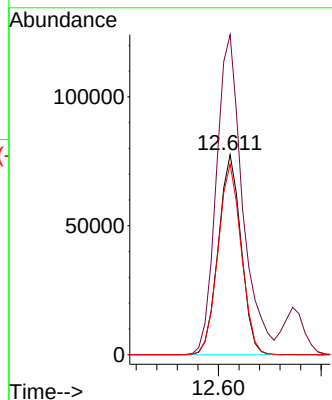
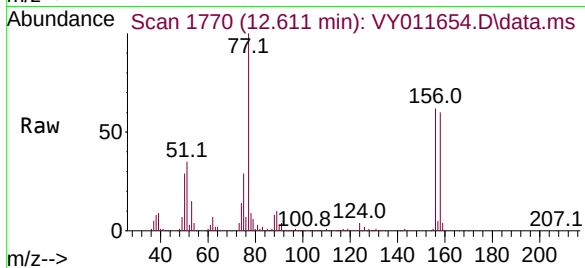
Tgt Ion:156 Resp: 119073

Ion Ratio Lower Upper

156 100

77 184.6 95.5 286.4

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 55.074 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011654.D

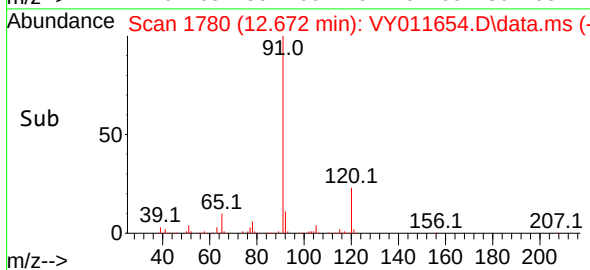
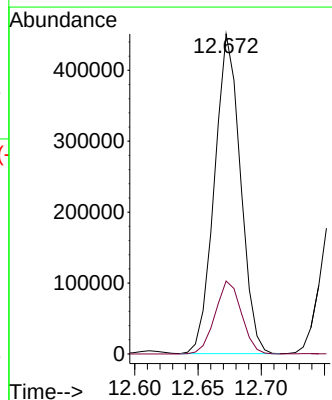
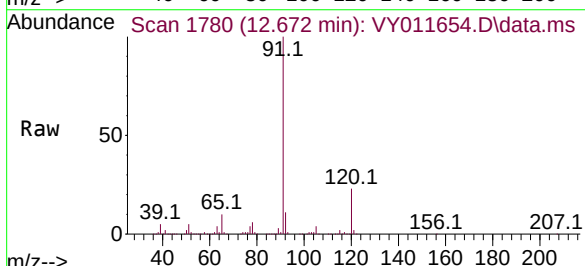
Acq: 01 Dec 2022 11:27

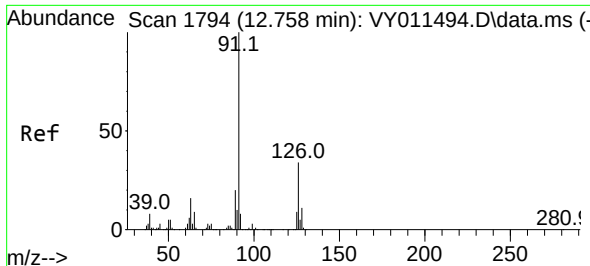
Tgt Ion: 91 Resp: 643740

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

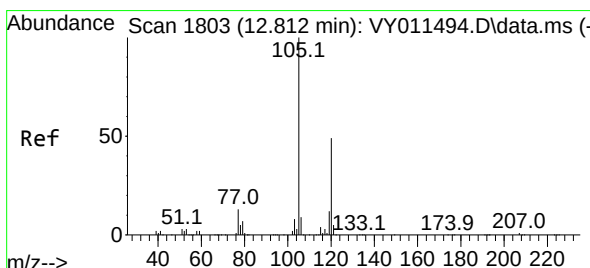
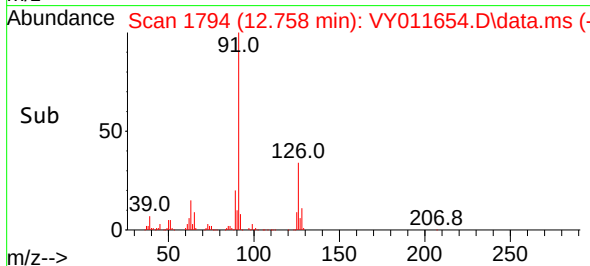
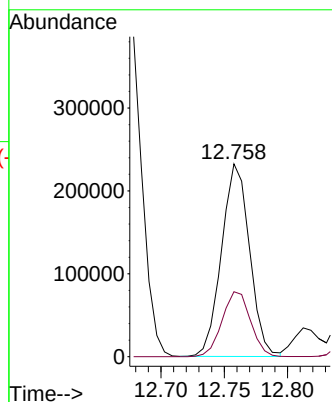
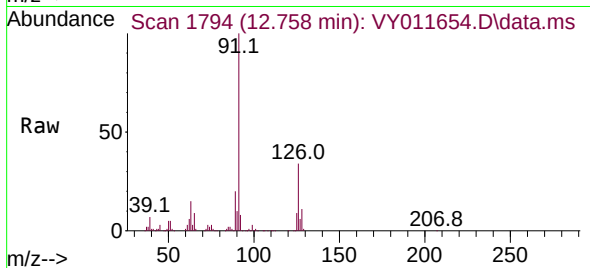




#79
2-Chlorotoluene
Concen: 54.434 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

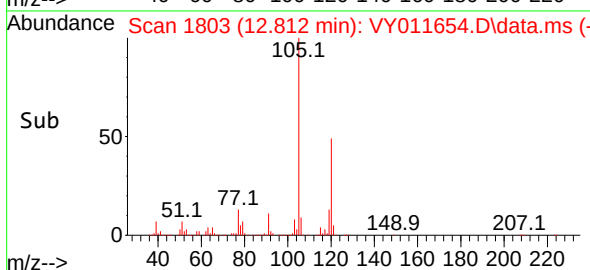
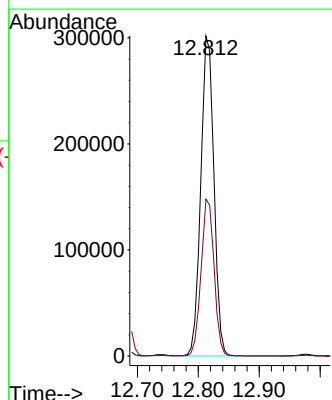
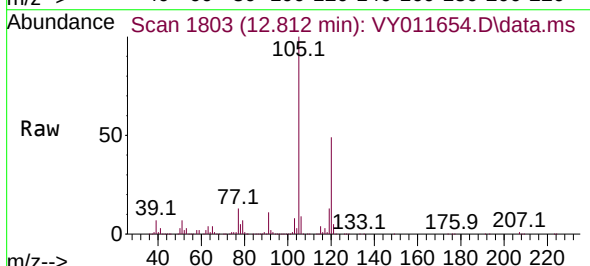
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

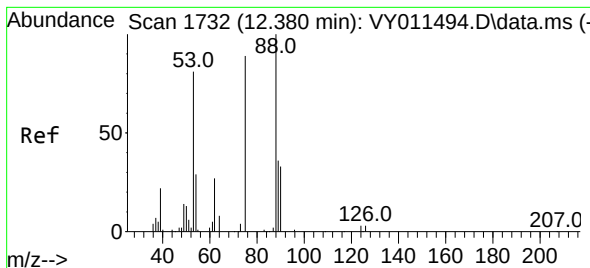
Tgt Ion: 91 Resp: 358617
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 56.093 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 105 Resp: 453022
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.4

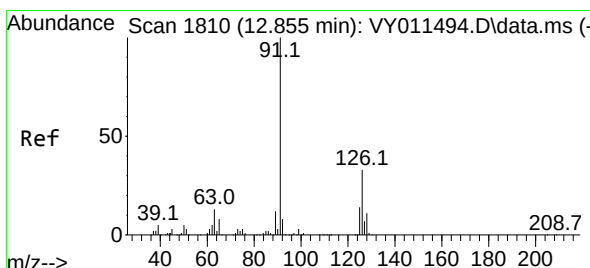
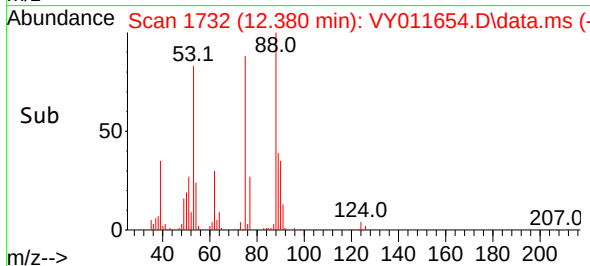
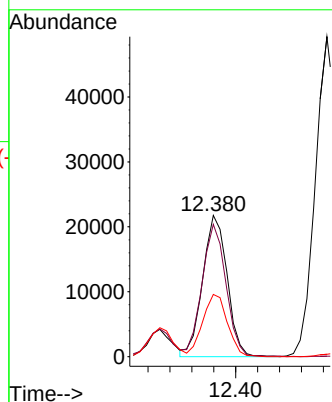
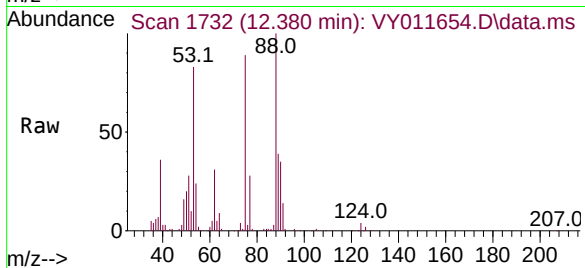




#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.816 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VY011654.D
 Acq: 01 Dec 2022 11:27

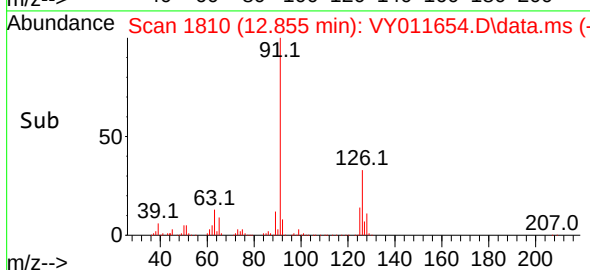
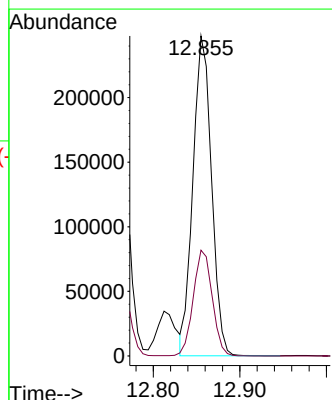
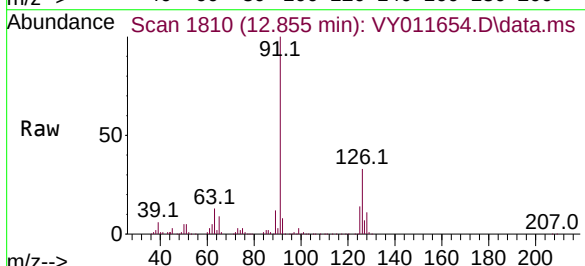
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

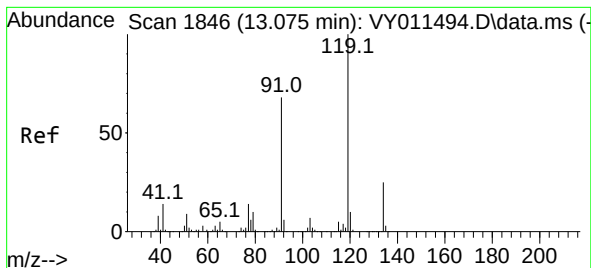
Tgt Ion: 75 Resp: 33750
 Ion Ratio Lower Upper
 75 100
 53 92.5 85.3 127.9
 89 44.5 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 53.542 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY011654.D
 Acq: 01 Dec 2022 11:27

Tgt Ion: 91 Resp: 368832
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 56.745 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

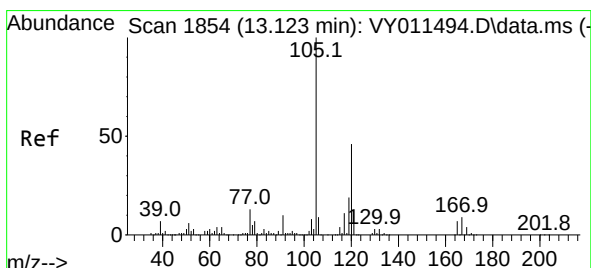
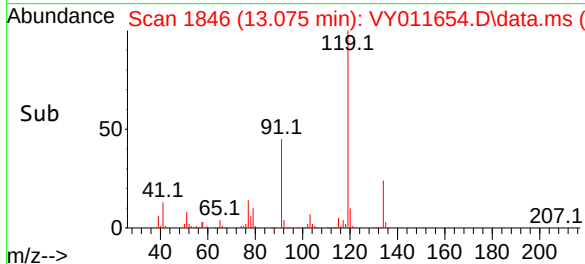
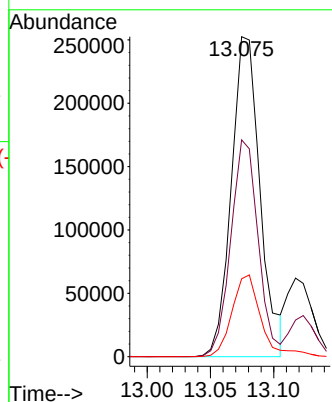
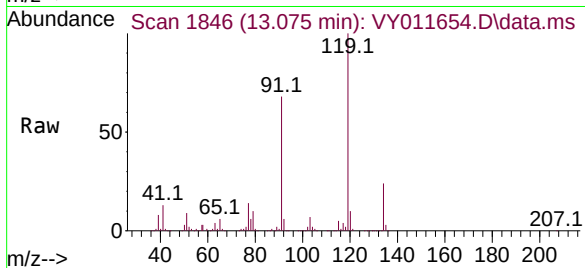
Tgt Ion:119 Resp: 399181

Ion Ratio Lower Upper

119 100

91 64.6 34.8 104.4

134 25.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 55.842 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY011654.D

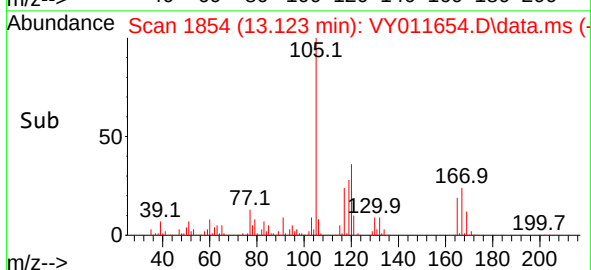
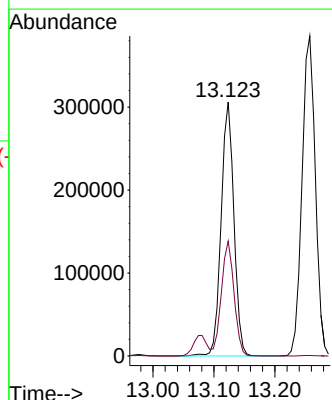
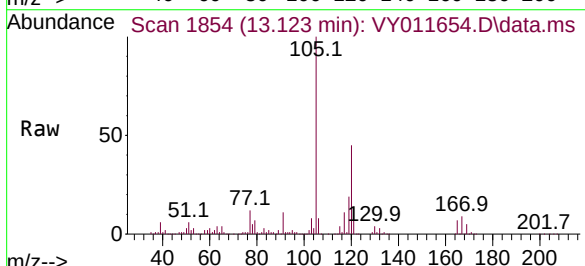
Acq: 01 Dec 2022 11:27

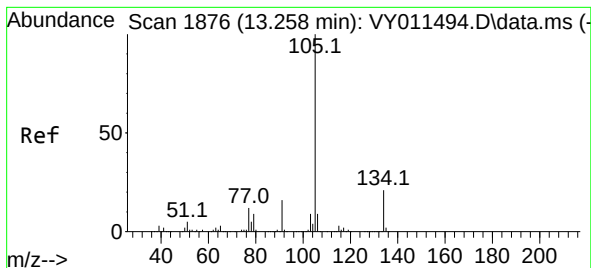
Tgt Ion:105 Resp: 445432

Ion Ratio Lower Upper

105 100

120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 55.690 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

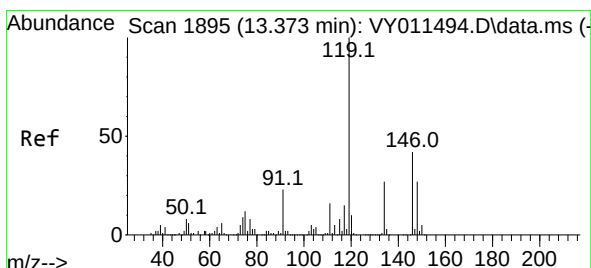
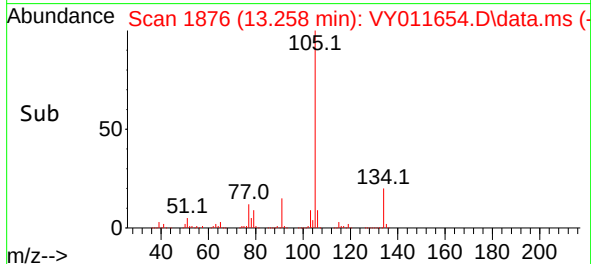
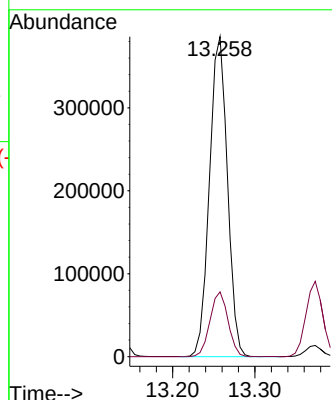
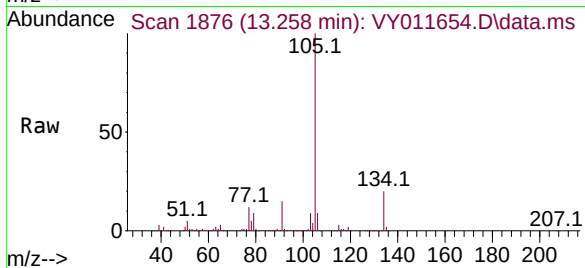
VSTDCCC050

Tgt Ion:105 Resp: 584526

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 56.278 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

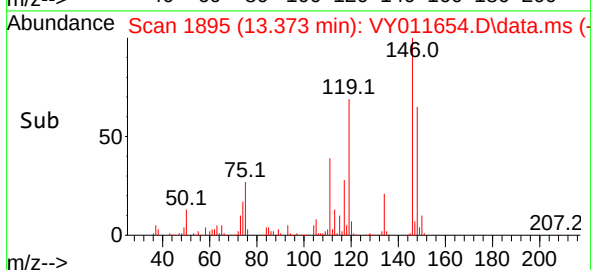
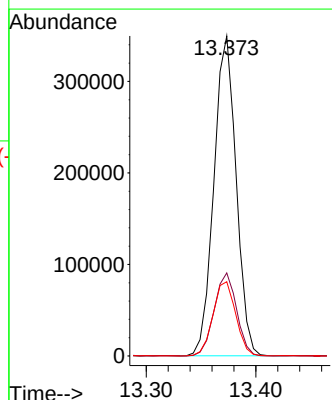
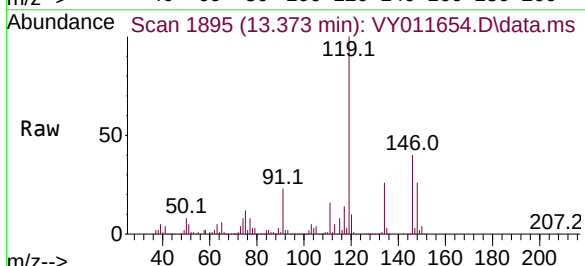
Tgt Ion:119 Resp: 492978

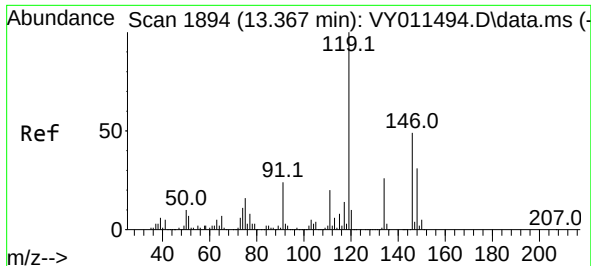
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 23.7 12.4 37.2

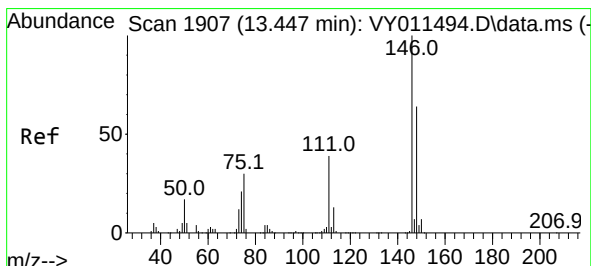
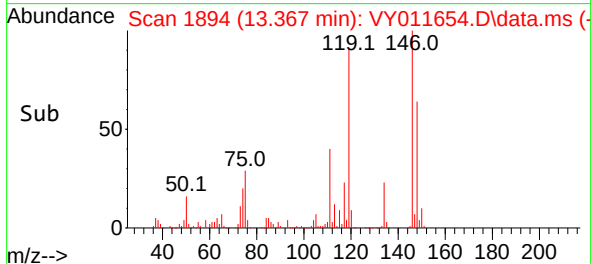
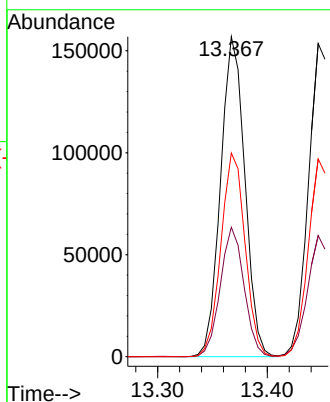
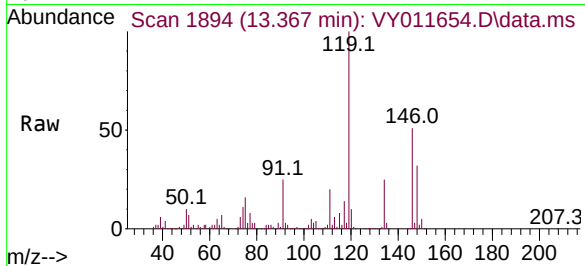




#87
1,3-Dichlorobenzene
Concen: 53.039 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

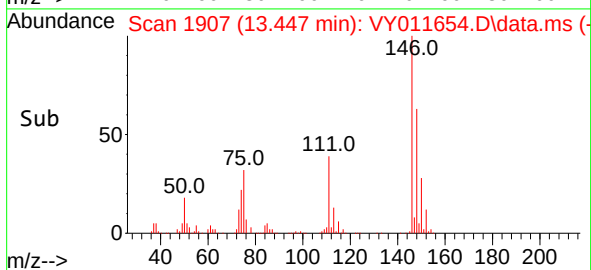
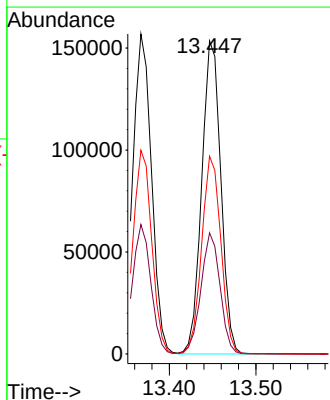
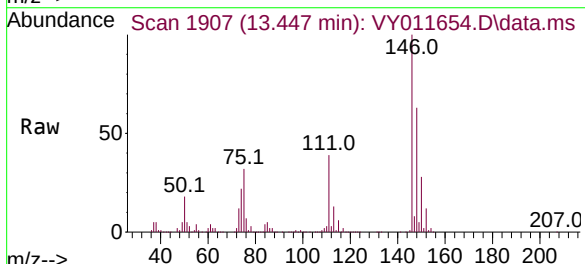
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

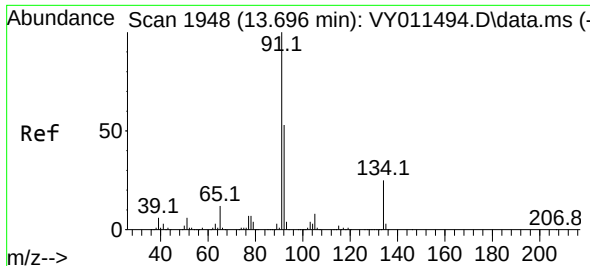
Tgt Ion:146 Resp: 241541
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 63.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 51.759 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion:146 Resp: 235698
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.8
148 63.3 32.6 97.8

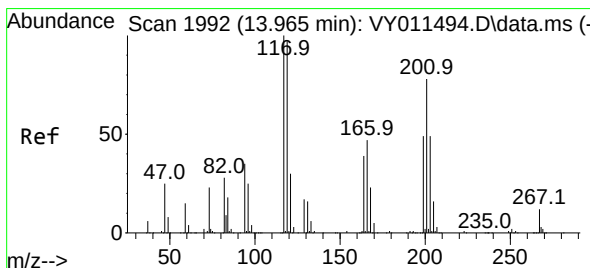
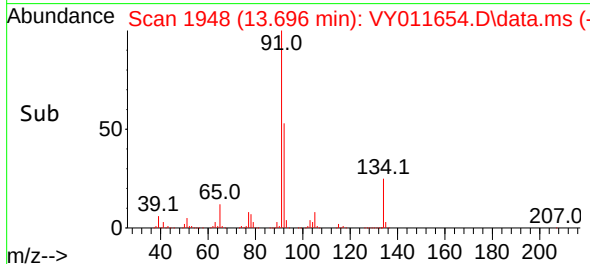
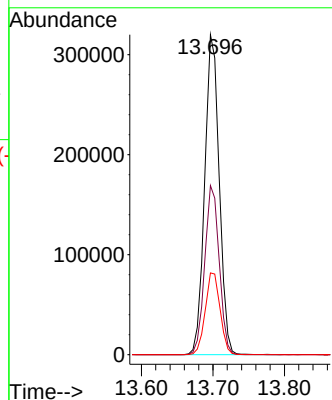
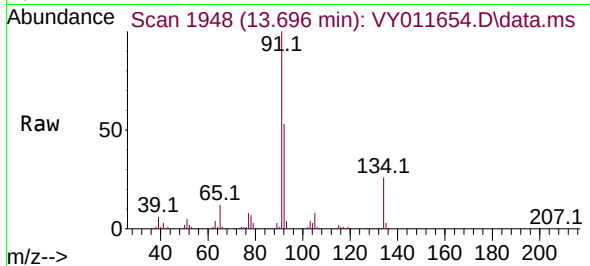




#89
n-Butylbenzene
Concen: 56.136 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

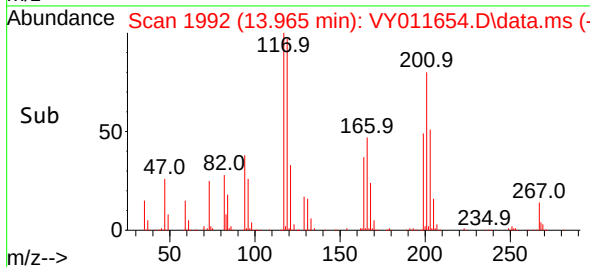
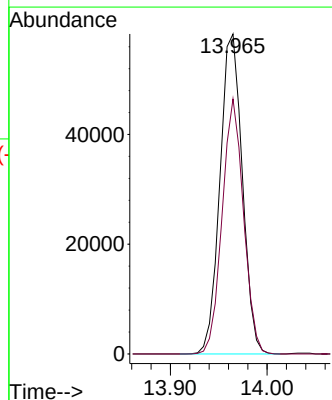
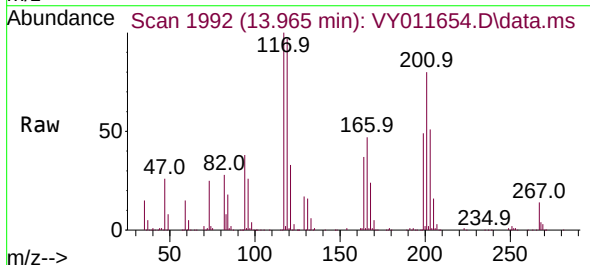
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

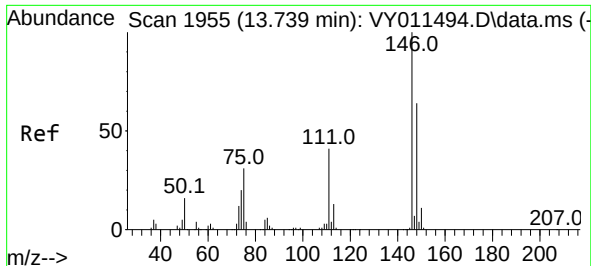
Tgt Ion: 91 Resp: 452039
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 52.852 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion: 117 Resp: 93491
Ion Ratio Lower Upper
117 100
201 76.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 52.381 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

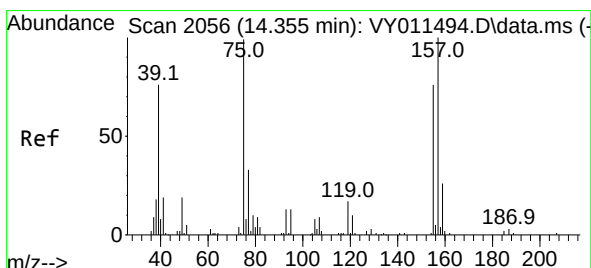
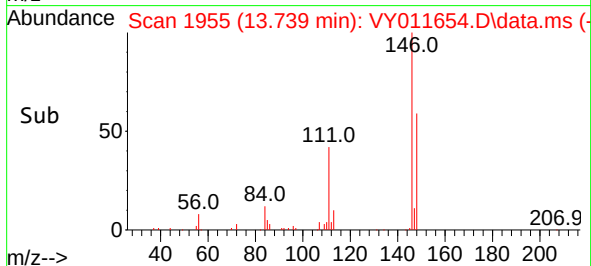
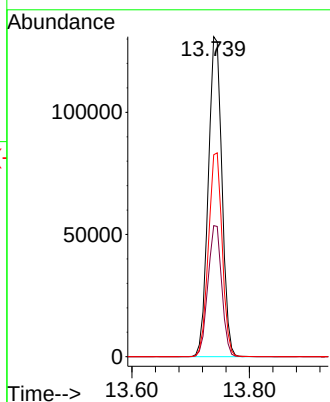
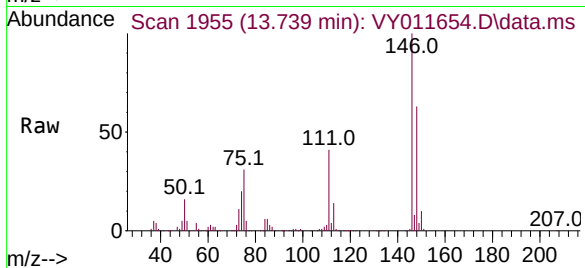
Tgt Ion:146 Resp: 211456

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.9

148 63.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.482 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

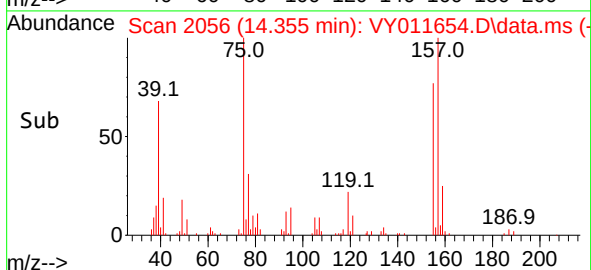
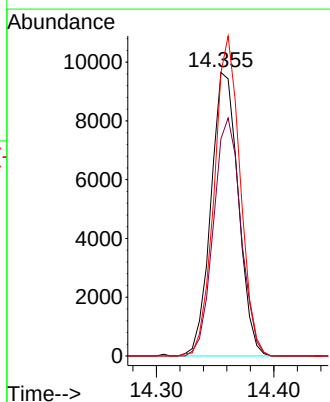
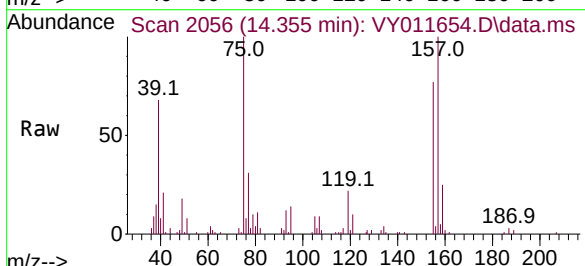
Tgt Ion: 75 Resp: 15630

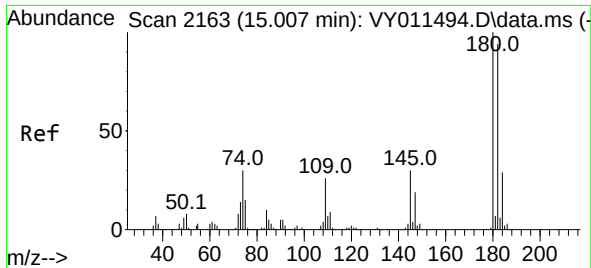
Ion Ratio Lower Upper

75 100

155 83.9 38.0 113.9

157 106.5 47.8 143.3

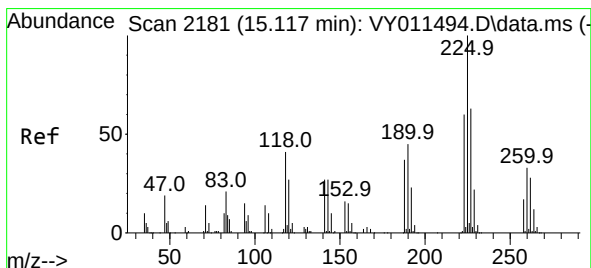
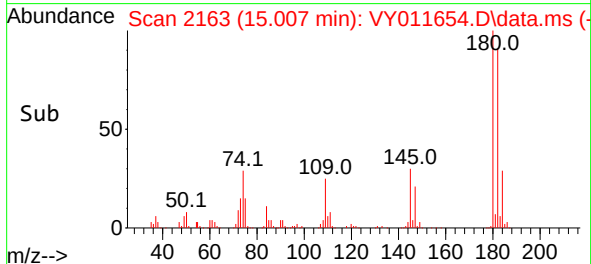
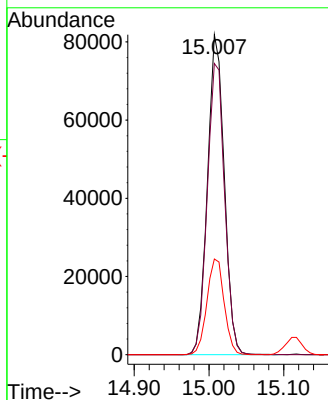
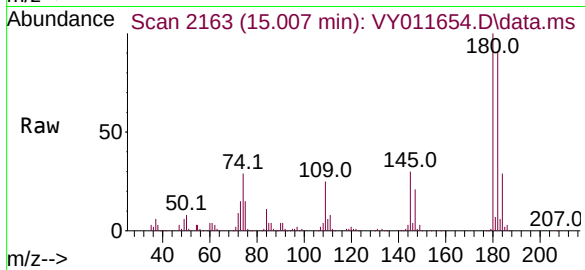




#93
1,2,4-Trichlorobenzene
Concen: 57.044 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

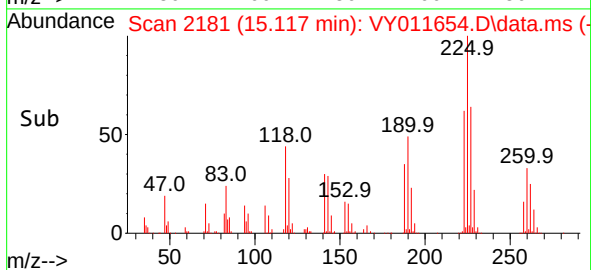
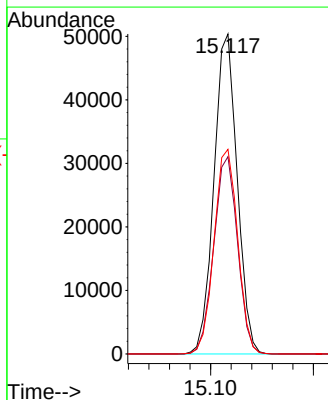
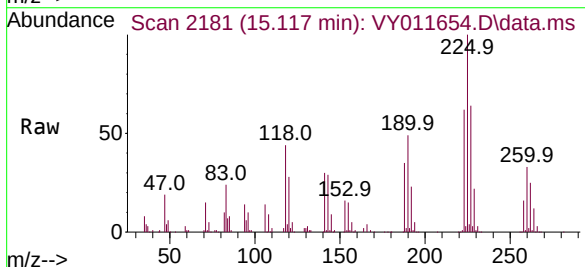
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

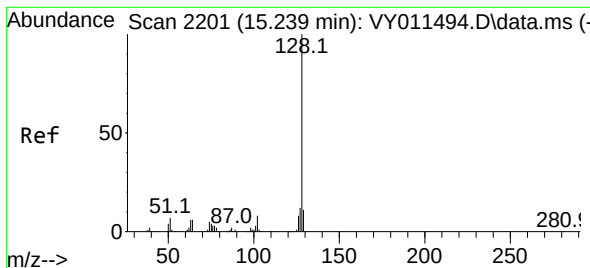
Tgt Ion:180 Resp: 127729
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 30.8 14.6 43.8



#94
Hexachlorobutadiene
Concen: 56.737 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY011654.D
Acq: 01 Dec 2022 11:27

Tgt Ion:225 Resp: 78969
Ion Ratio Lower Upper
225 100
223 62.9 30.8 92.3
227 65.2 31.6 94.7





#95

Naphthalene

Concen: 51.477 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

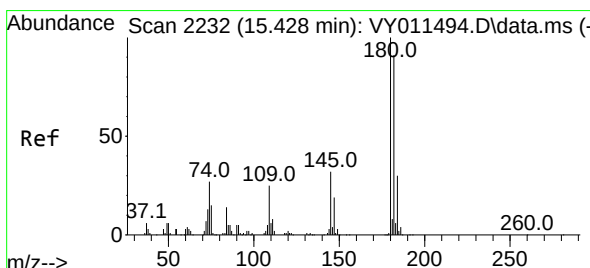
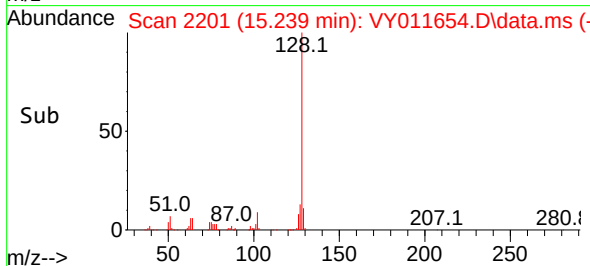
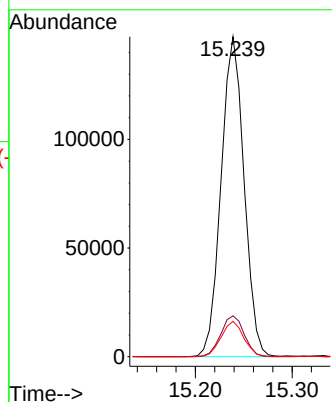
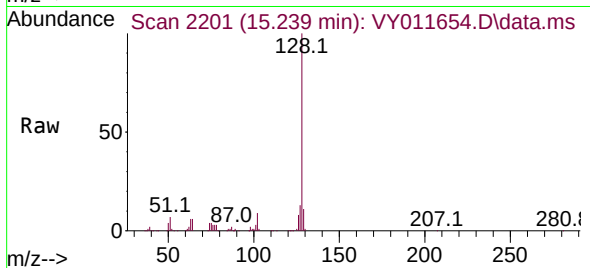
Tgt Ion:128 Resp: 242240

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 56.212 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY011654.D

Acq: 01 Dec 2022 11:27

Tgt Ion:180 Resp: 107866

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 33.1 15.3 45.9

