

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014327.D
 Acq On : 21 Jun 2023 10:29
 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: Jun 22 01:55:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	223075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	335000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	320864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178656	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	148263	47.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.460%
35) Dibromofluoromethane	7.722	113	128022	53.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.780%
50) Toluene-d8	10.185	98	430556	48.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.483	95	181780	57.614	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	124053	49.898	ug/l	98
3) Chloromethane	2.119	50	139492	44.250	ug/l	99
4) Vinyl Chloride	2.253	62	143967	46.974	ug/l	98
5) Bromomethane	2.631	94	100561	39.767	ug/l	98
6) Chloroethane	2.790	64	91276	43.828	ug/l	95
7) Trichlorofluoromethane	3.125	101	264687	53.160	ug/l	100
8) Diethyl Ether	3.533	74	84585	50.876	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	139077	55.346	ug/l	99
10) Methyl Iodide	4.094	142	160639	48.412	ug/l	97
11) Tert butyl alcohol	4.960	59	146025	419.991	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	130033	51.053	ug/l	96
13) Acrolein	3.735	56	43397	301.156	ug/l	100
14) Allyl chloride	4.478	41	230344	49.892	ug/l	99
15) Acrylonitrile	5.167	53	272555	317.830	ug/l	100
16) Acetone	3.948	43	285929	305.365	ug/l	98
17) Carbon Disulfide	4.198	76	388595	47.082	ug/l	98
18) Methyl Acetate	4.478	43	220427	60.649	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	411743	54.811	ug/l	100
20) Methylene Chloride	4.716	84	155830	52.293	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	147044	51.761	ug/l	98
22) Diisopropyl ether	6.124	45	471564	53.346	ug/l	95
23) Vinyl Acetate	6.064	43	1484555	284.637	ug/l	99
24) 1,1-Dichloroethane	6.021	63	262644	51.532	ug/l	99
25) 2-Butanone	6.990	43	398098	345.388	ug/l	99
26) 2,2-Dichloropropane	6.984	77	254147	53.091	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	167289	52.641	ug/l	99
28) Bromochloromethane	7.338	49	105150	50.732	ug/l	97
29) Tetrahydrofuran	7.350	42	250423	342.631	ug/l	98
30) Chloroform	7.508	83	285559	52.812	ug/l	97
31) Cyclohexane	7.789	56	225301	54.142	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	265638	54.471	ug/l	99
36) 1,1-Dichloropropene	7.923	75	206463	55.743	ug/l	99
37) Ethyl Acetate	7.076	43	160107	62.650	ug/l	98
38) Carbon Tetrachloride	7.905	117	245952	57.544	ug/l	98
39) Methylcyclohexane	9.191	83	243731	59.310	ug/l	97
40) Benzene	8.167	78	594901	54.015	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	233593	179.102	ug/l #	40
42) 1,2-Dichloroethane	8.240	62	211480	54.299	ug/l	98
43) Isopropyl Acetate	8.277	43	274272	61.233	ug/l	98
44) Trichloroethene	8.941	130	163079	55.420	ug/l	99
45) 1,2-Dichloropropane	9.221	63	150646	53.851	ug/l	96
46) Dibromomethane	9.307	93	95823	55.646	ug/l	99
47) Bromodichloromethane	9.502	83	222661	55.224	ug/l	94
48) Methyl methacrylate	9.295	41	132852	63.592	ug/l	97
49) 1,4-Dioxane	9.301	88	31697	1448.633	ug/l #	42
51) 4-Methyl-2-Pentanone	10.075	43	827937	340.232	ug/l	99
52) Toluene	10.246	92	379646	55.606	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	237098	55.860	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	253718	54.787	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	132690	58.095	ug/l	98
56) Ethyl methacrylate	10.514	69	193875	61.540	ug/l	96
57) 1,3-Dichloropropane	10.794	76	221874	56.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	448825	310.951	ug/l	98
59) 2-Hexanone	10.837	43	614384	349.562	ug/l	98
60) Dibromochloromethane	10.989	129	171312	58.602	ug/l	99
61) 1,2-Dibromoethane	11.093	107	131441	58.311	ug/l	99
64) Tetrachloroethene	10.721	164	164944	60.310	ug/l	96
65) Chlorobenzene	11.520	112	409311	53.089	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	163072	53.775	ug/l	99
67) Ethyl Benzene	11.599	91	747521	55.391	ug/l	99
68) m/p-Xylenes	11.709	106	576550	111.071	ug/l	98
69) o-Xylene	12.032	106	272575	55.541	ug/l	100
70) Styrene	12.050	104	471957	56.346	ug/l	99
71) Bromoform	12.209	173	122929	59.192	ug/l	100
73) Isopropylbenzene	12.331	105	731711	53.688	ug/l	100
74) N-amyl acetate	12.148	43	250163	57.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	172096	56.511	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	237523	101.336	ug/l #	100
77) Bromobenzene	12.611	156	181972	50.800	ug/l	99
78) n-propylbenzene	12.672	91	904336	54.325	ug/l	100
79) 2-Chlorotoluene	12.757	91	505079	52.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	628351	53.844	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	63868	58.900	ug/l	100
82) 4-Chlorotoluene	12.855	91	528137	52.032	ug/l	99
83) tert-Butylbenzene	13.081	119	545237	54.980	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	630819	54.608	ug/l	100
85) sec-Butylbenzene	13.257	105	805331	55.856	ug/l	100
86) p-Isopropyltoluene	13.373	119	675484	54.742	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	356003	52.052	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	356320	51.709	ug/l	99
89) n-Butylbenzene	13.696	91	636748	55.636	ug/l	99
90) Hexachloroethane	13.965	117	130978	53.269	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	326914	53.220	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	35021	60.388	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	209543	53.849	ug/l	100
94) Hexachlorobutadiene	15.117	225	121436	54.055	ug/l	98
95) Naphthalene	15.239	128	474851	60.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	190286	54.116	ug/l	99

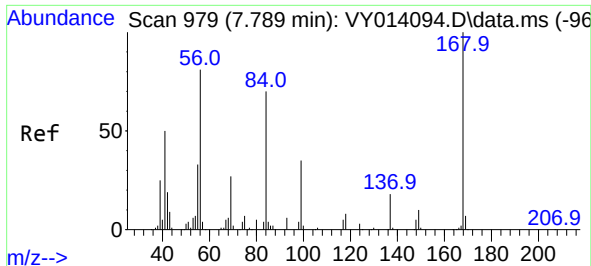
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Response via : Initial Calibration

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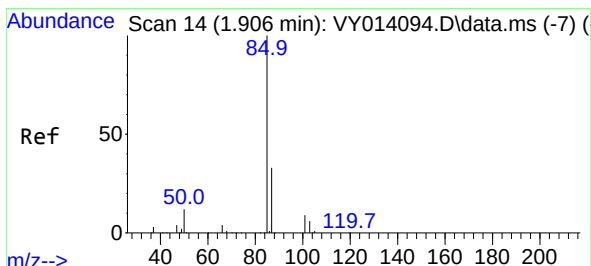
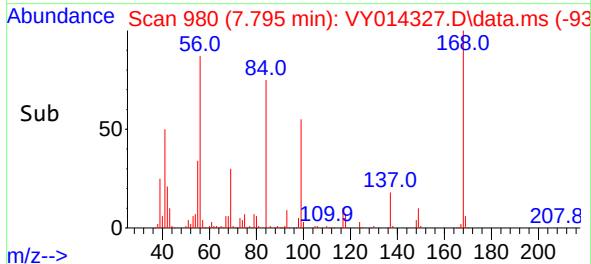
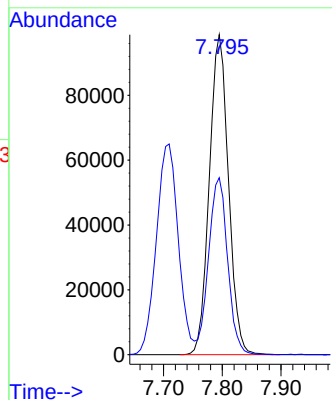
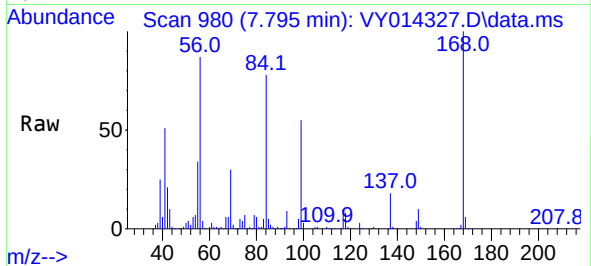
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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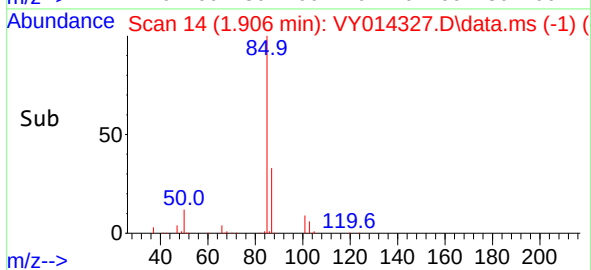
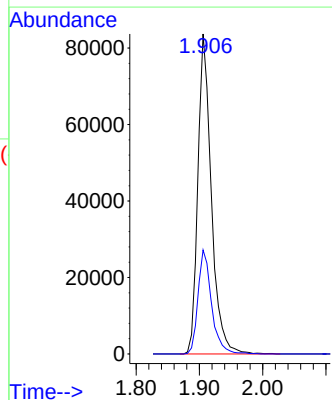
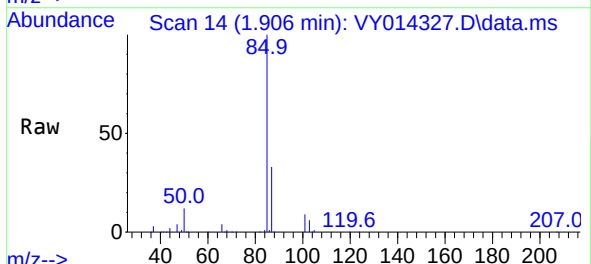
Instrument :
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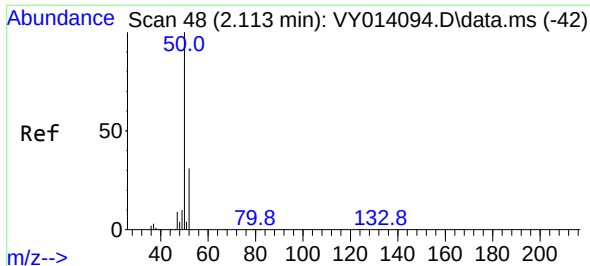
Tgt Ion:168 Resp: 223075
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.898 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 85 Resp: 124053
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8

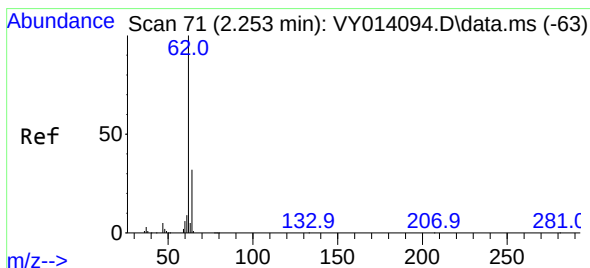
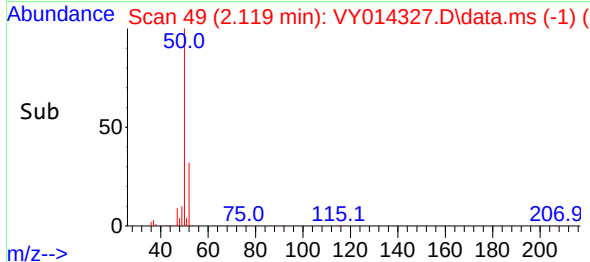
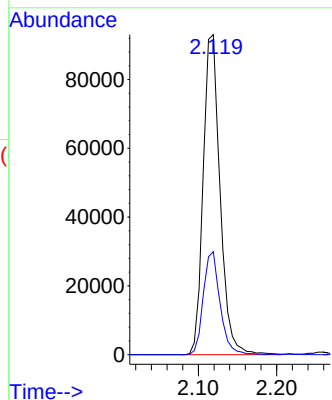
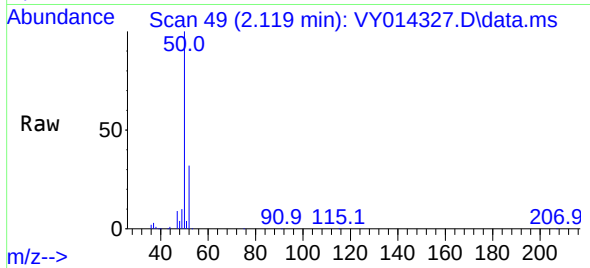




#3
Chloromethane
Concen: 44.250 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

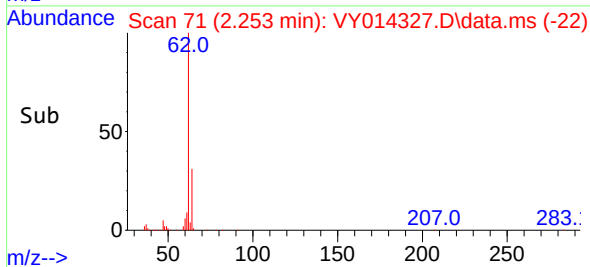
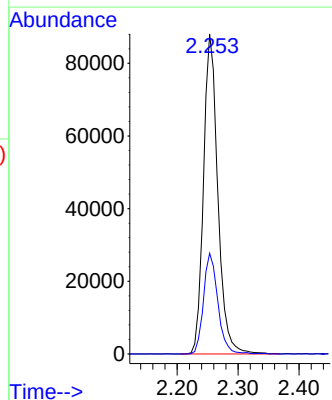
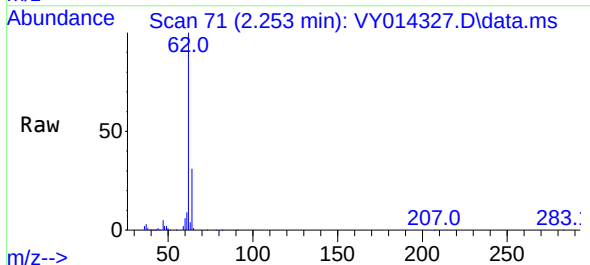
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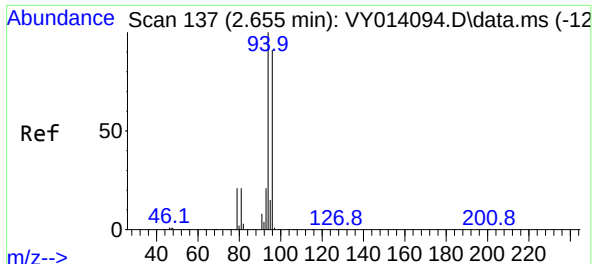
Tgt Ion: 50 Resp: 139492
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



#4
Vinyl Chloride
Concen: 46.974 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 62 Resp: 143967
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5

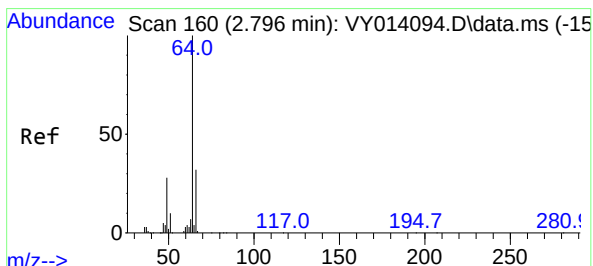
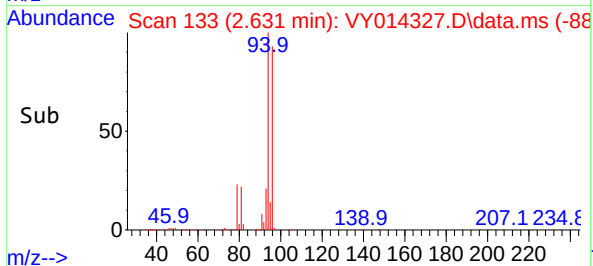
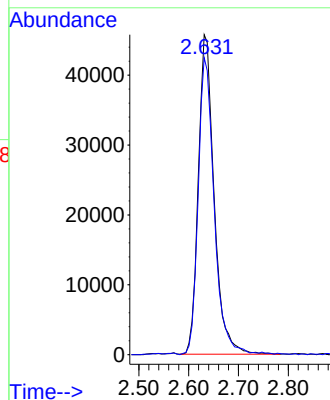
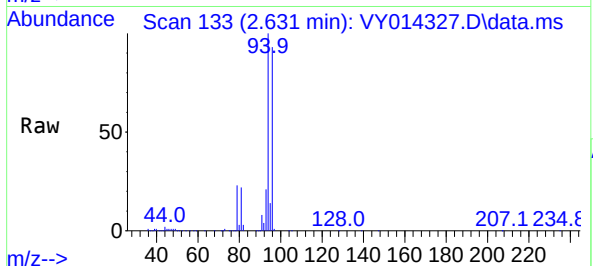




#5
Bromomethane
Concen: 39.767 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

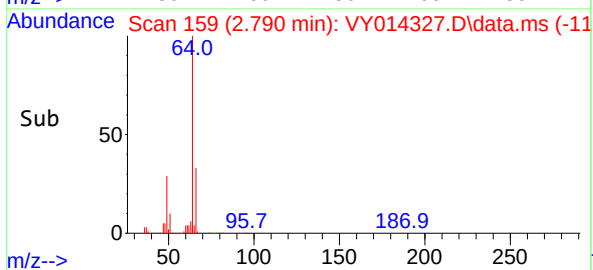
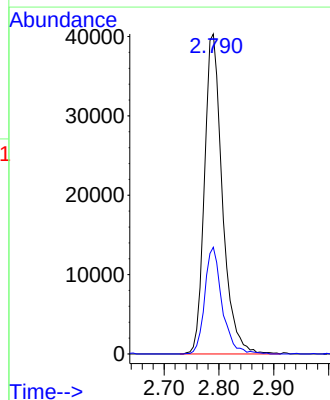
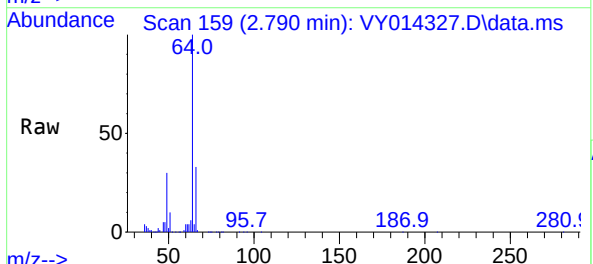
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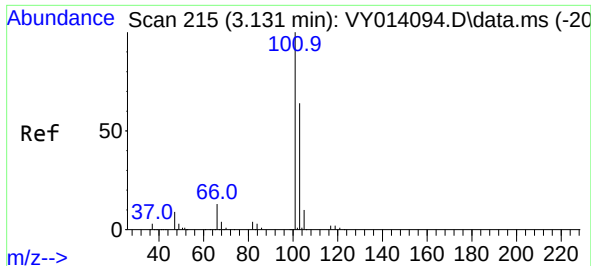
Tgt Ion: 94 Resp: 100561
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.6



#6
Chloroethane
Concen: 43.828 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 64 Resp: 91276
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6

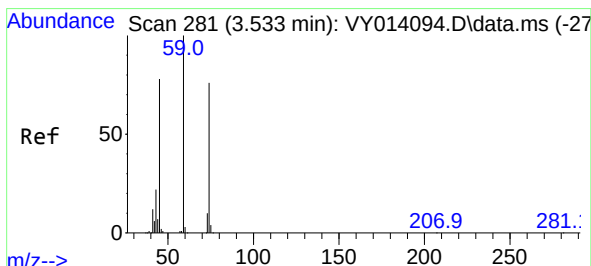
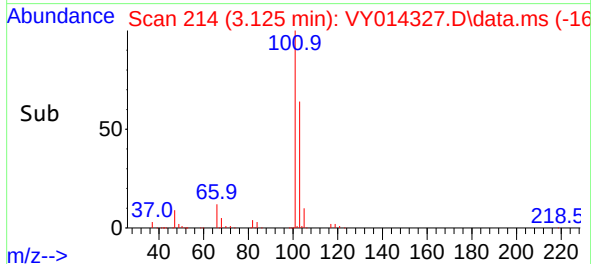
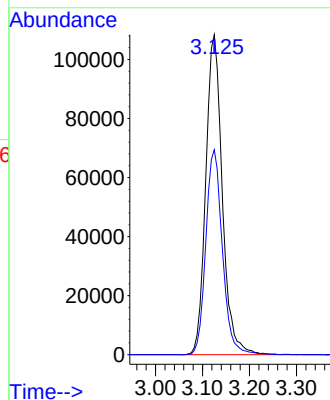
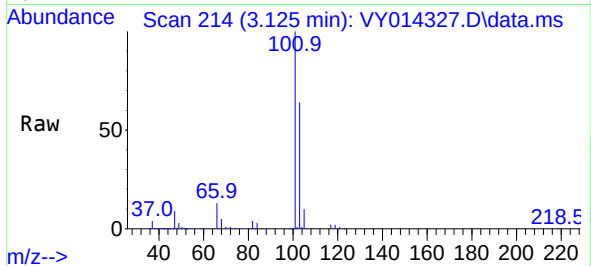




#7
Trichlorofluoromethane
Concen: 53.160 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014327.D
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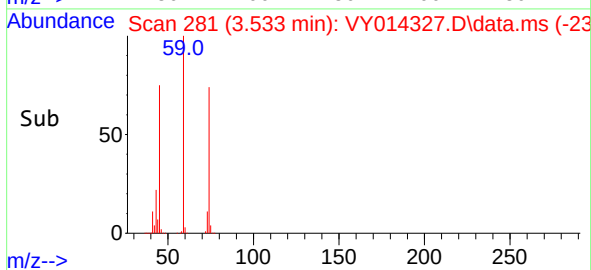
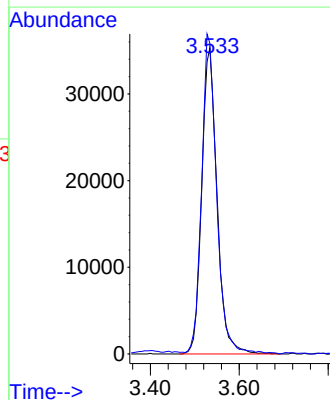
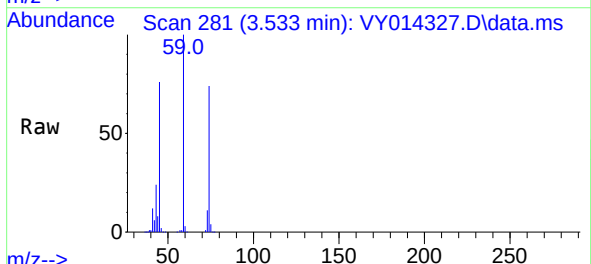
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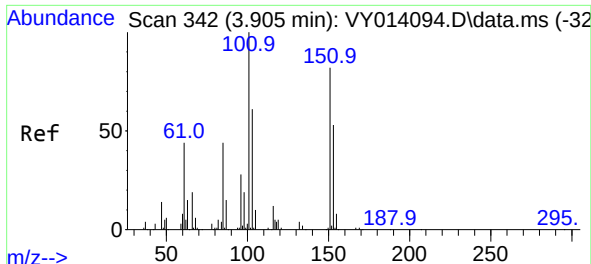
Tgt Ion:101 Resp: 264687
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0



#8
Diethyl Ether
Concen: 50.876 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 74 Resp: 84585
Ion Ratio Lower Upper
74 100
45 101.0 51.5 154.5

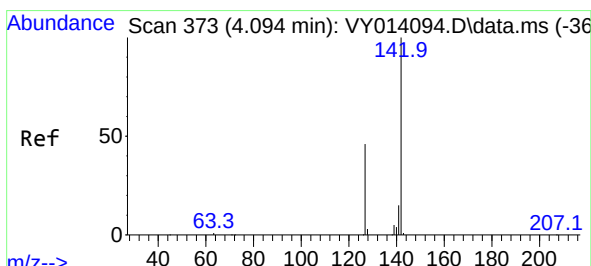
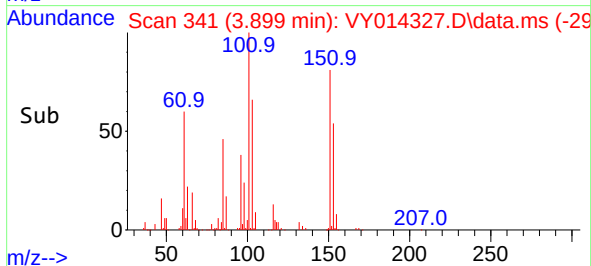
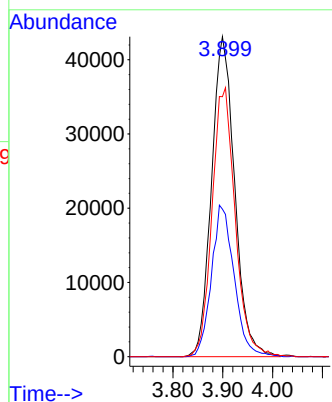
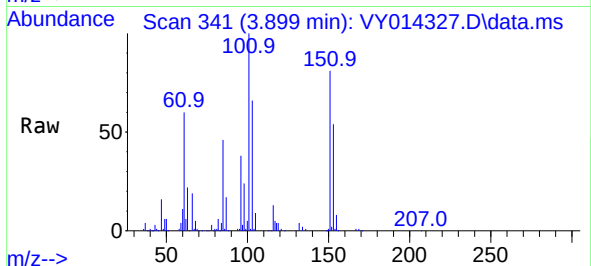




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.346 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
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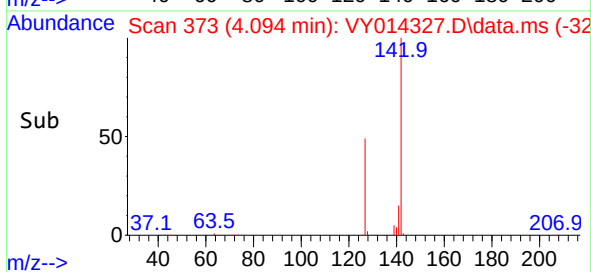
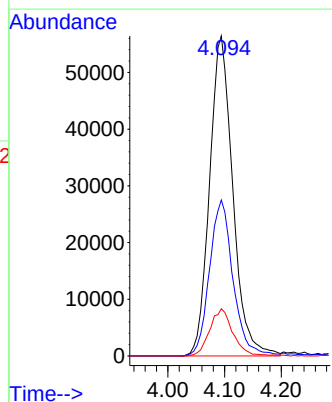
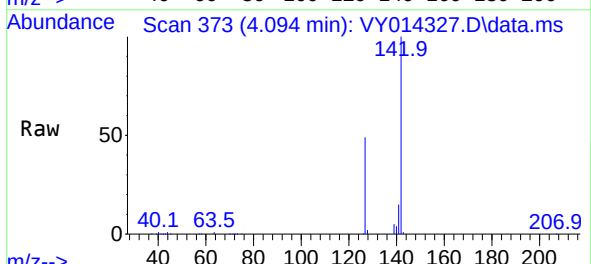
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ClientSampleId :
VSTDCCC050

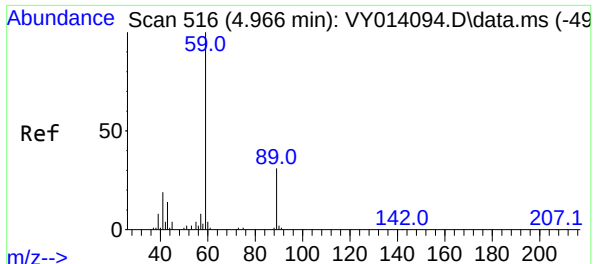
Tgt Ion:101 Resp: 139077
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 84.2 67.0 100.6



#10
Methyl Iodide
Concen: 48.412 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:142 Resp: 160639
Ion Ratio Lower Upper
142 100
127 49.3 37.6 56.4
141 14.8 11.8 17.8

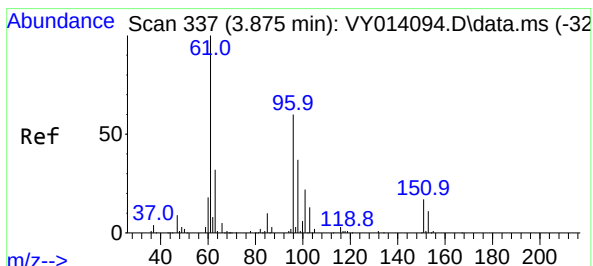
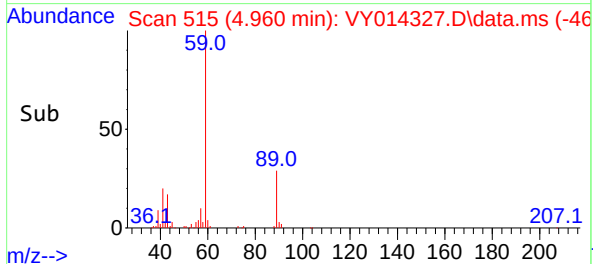
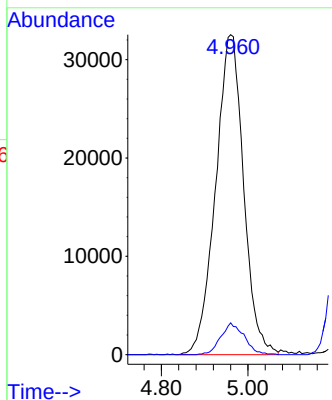
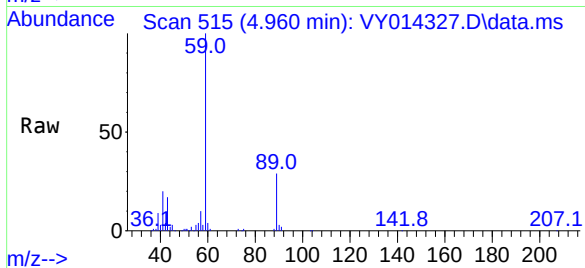




#11
Tert butyl alcohol
Concen: 419.991 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

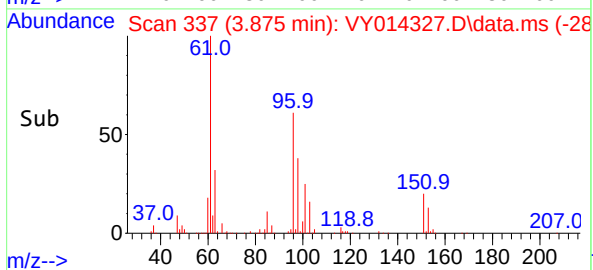
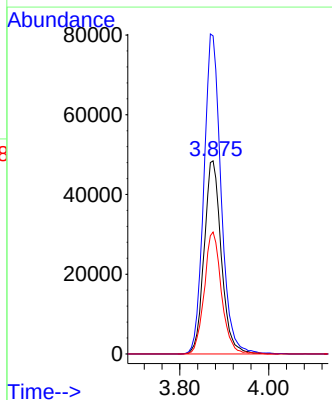
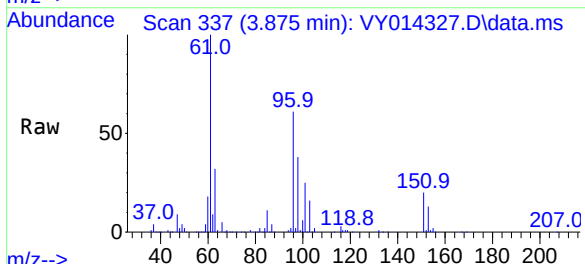
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

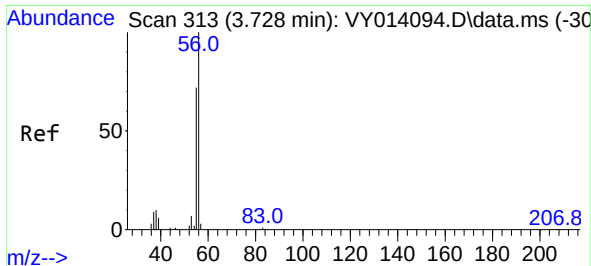
Tgt Ion: 59 Resp: 146025
Ion Ratio Lower Upper
59 100
57 8.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.053 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 96 Resp: 130033
Ion Ratio Lower Upper
96 100
61 164.8 136.4 204.6
98 63.1 49.4 74.2

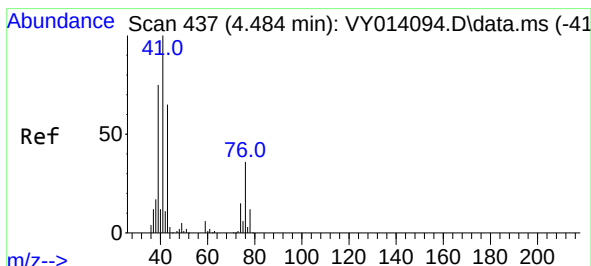
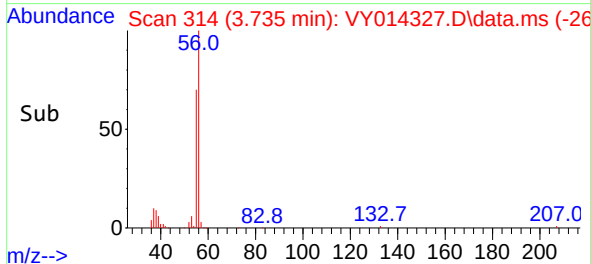
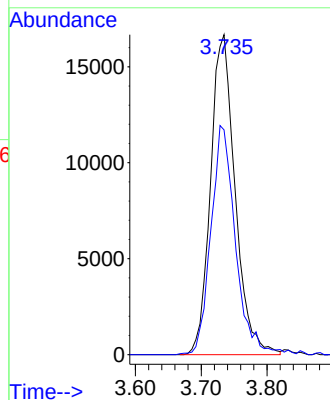
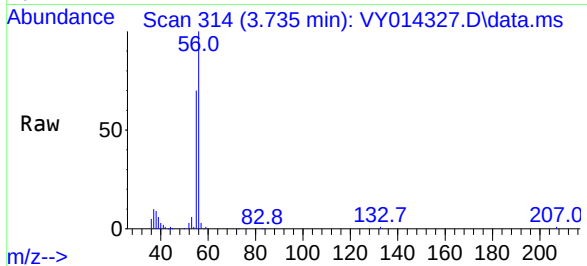




#13
Acrolein
Concen: 301.156 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

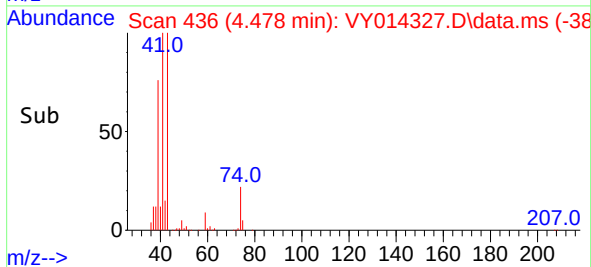
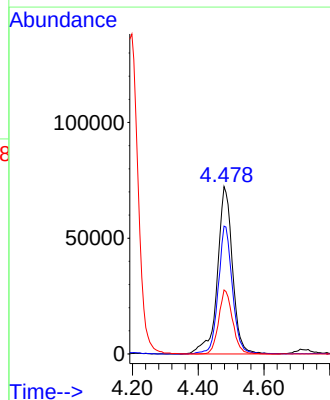
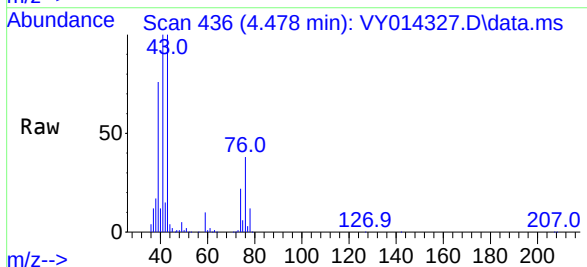
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

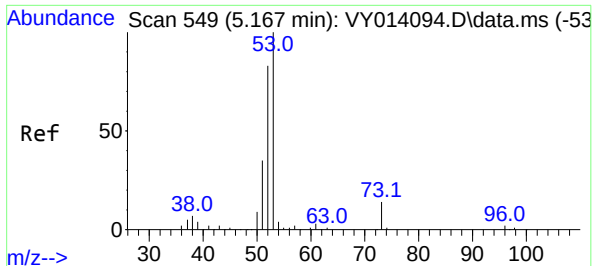
Tgt Ion: 56 Resp: 43397
Ion Ratio Lower Upper
56 100
55 71.5 57.0 85.4



#14
Allyl chloride
Concen: 49.892 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 41 Resp: 230344
Ion Ratio Lower Upper
41 100
39 71.5 58.0 87.0
76 35.2 27.4 41.2



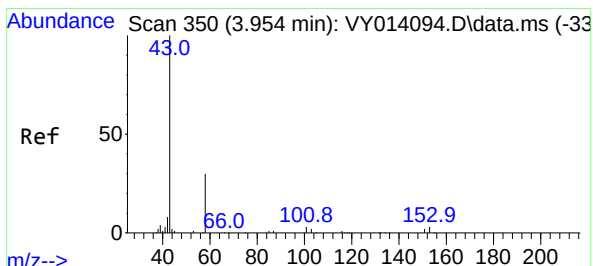
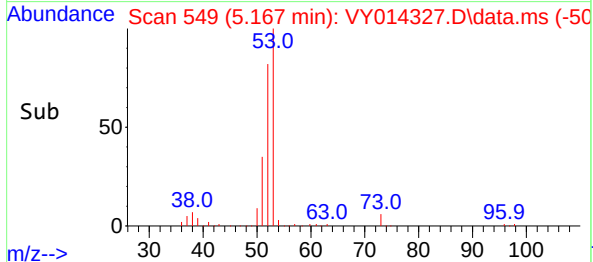
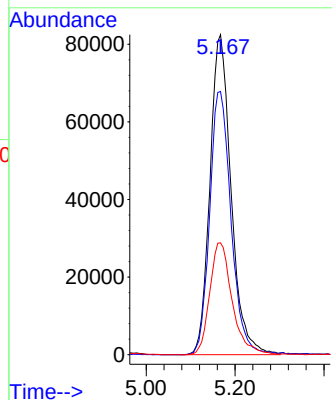
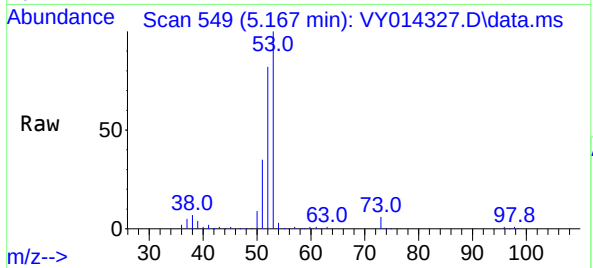


#15
Acrylonitrile
Concen: 317.830 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 272555

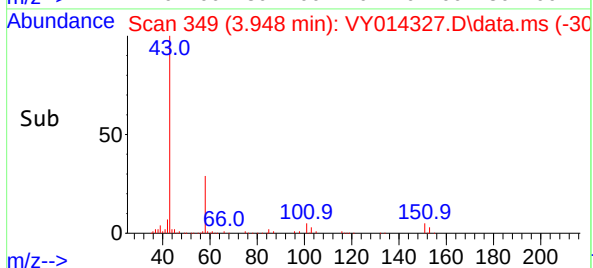
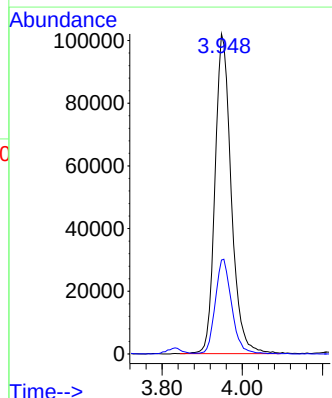
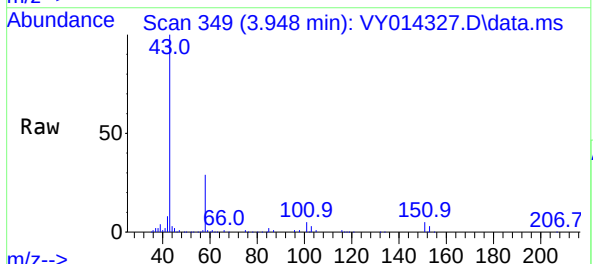
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.9	100.3
51	37.1	29.8	44.6

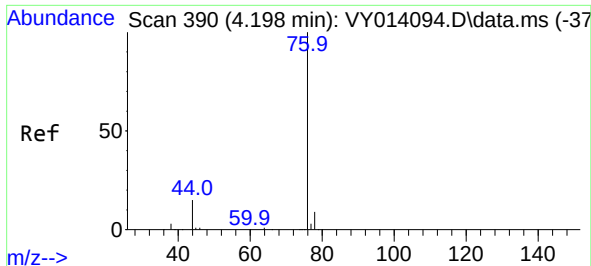


#16
Acetone
Concen: 305.365 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 43 Resp: 285929

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.7	34.1

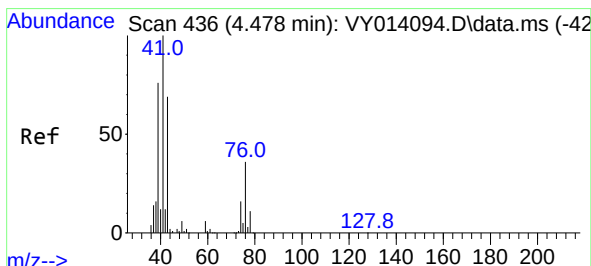
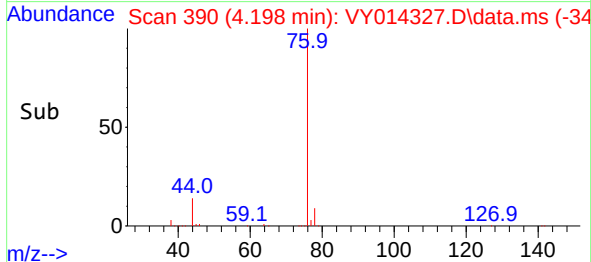
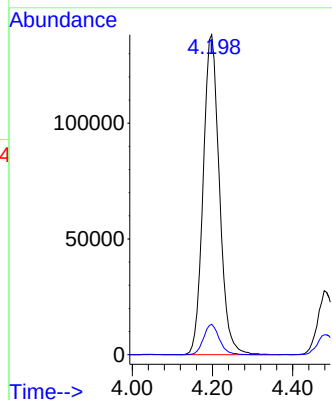
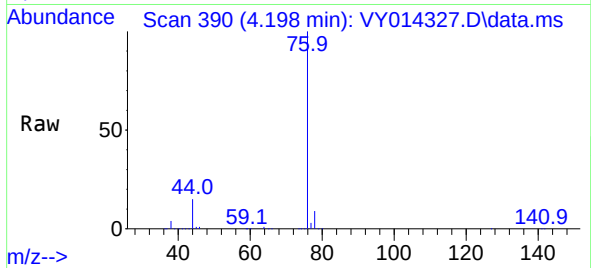




#17
Carbon Disulfide
Concen: 47.082 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

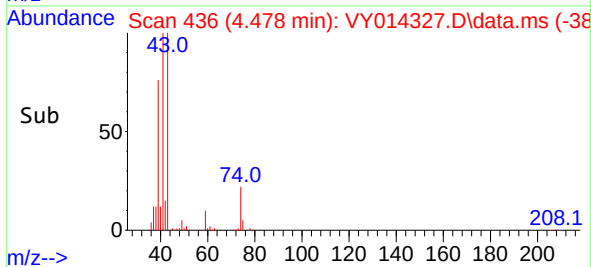
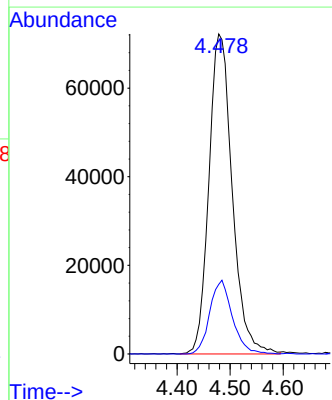
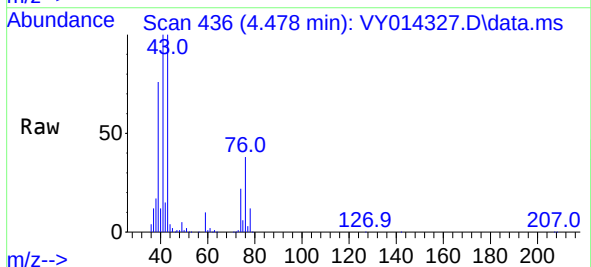
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

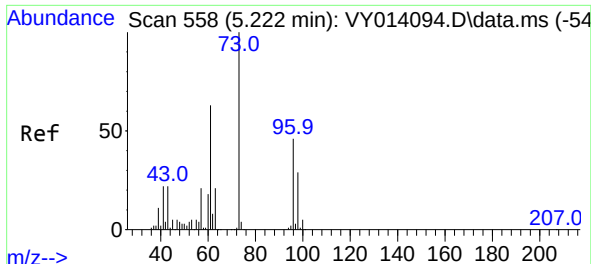
Tgt Ion: 76 Resp: 388595
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 60.649 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 43 Resp: 220427
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0

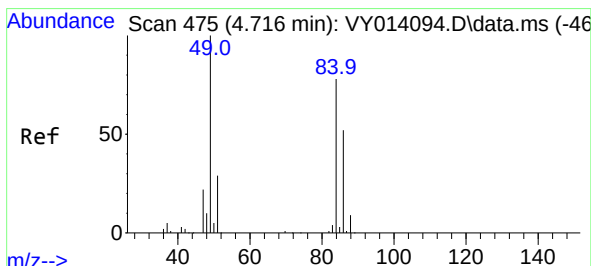
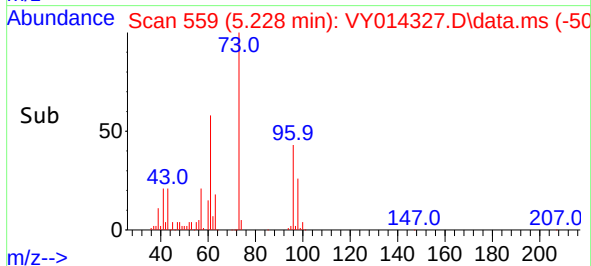
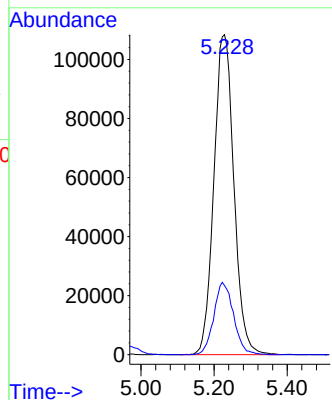
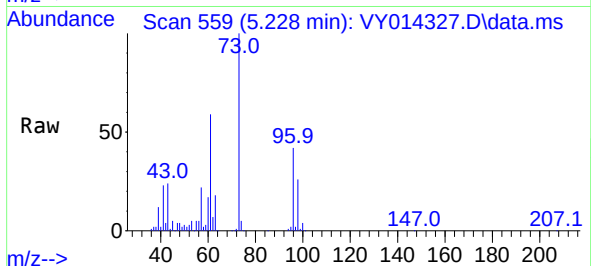




#19
Methyl tert-butyl Ether
Concen: 54.811 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

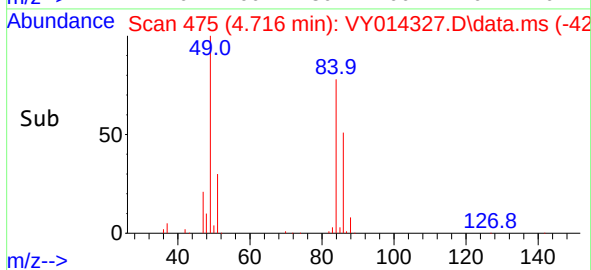
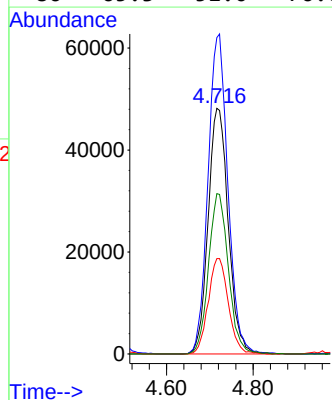
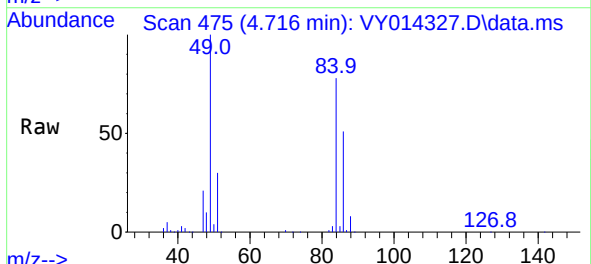
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

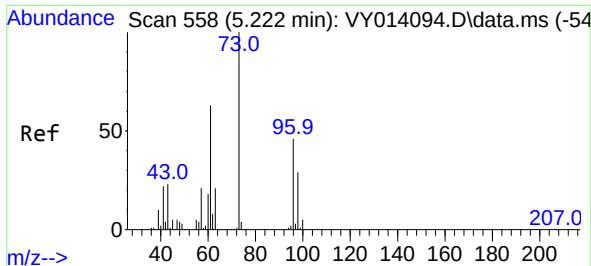
Tgt Ion: 73 Resp: 411743
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 52.293 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 84 Resp: 155830
Ion Ratio Lower Upper
84 100
49 128.8 106.9 160.3
51 38.8 33.2 49.8
86 65.3 51.0 76.6

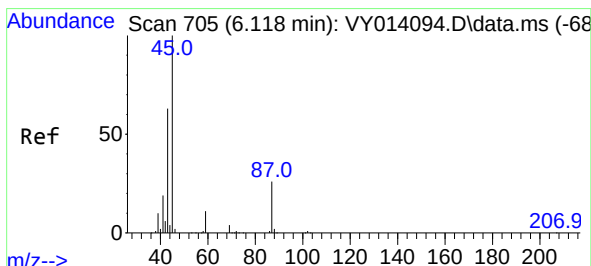
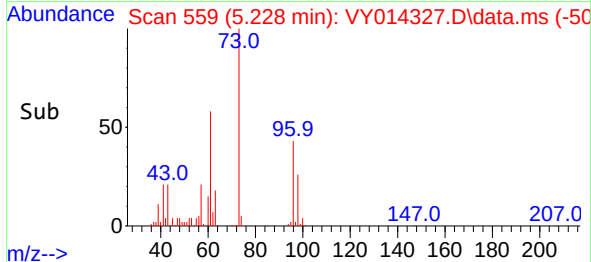
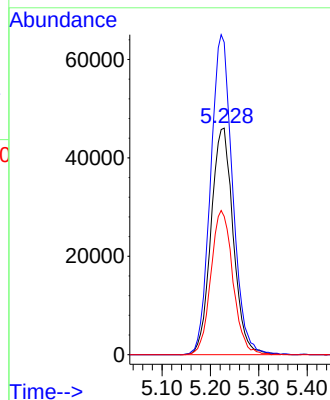
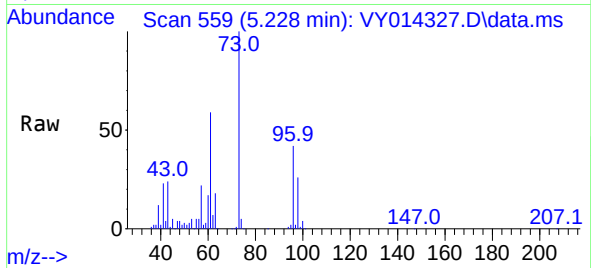




#21
trans-1,2-Dichloroethene
Concen: 51.761 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

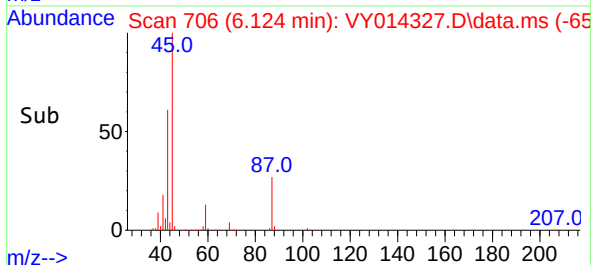
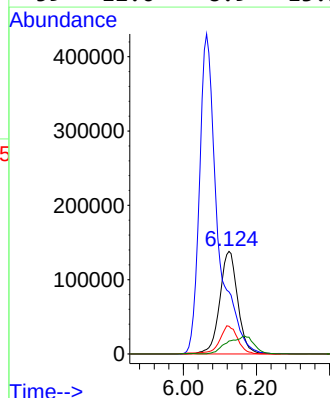
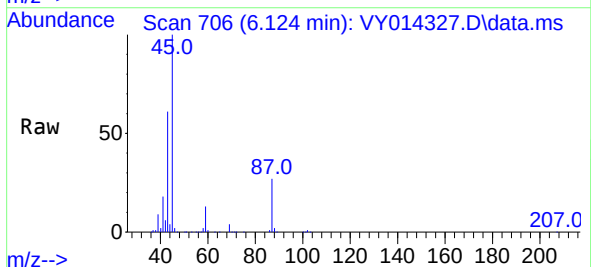
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

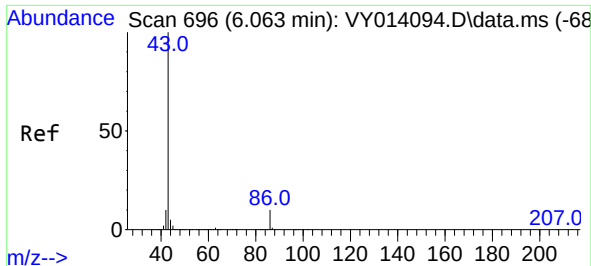
Tgt Ion: 96 Resp: 147044
Ion Ratio Lower Upper
96 100
61 137.8 110.2 165.4
98 61.0 51.8 77.6



#22
Diisopropyl ether
Concen: 53.346 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 45 Resp: 471564
Ion Ratio Lower Upper
45 100
43 60.4 52.2 78.4
87 26.9 21.0 31.6
59 12.6 8.9 13.3

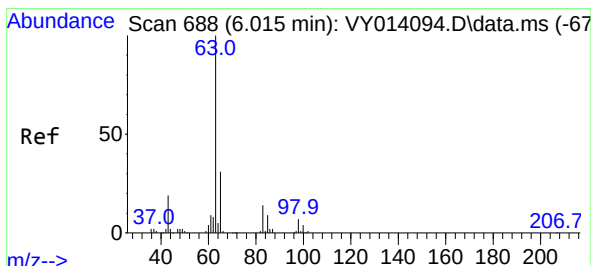
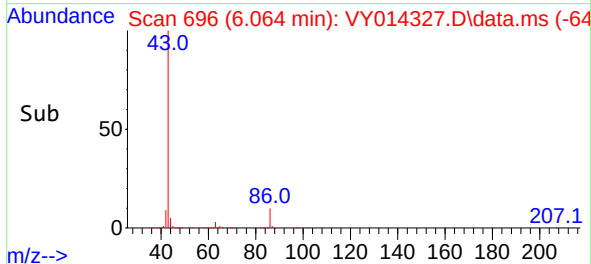
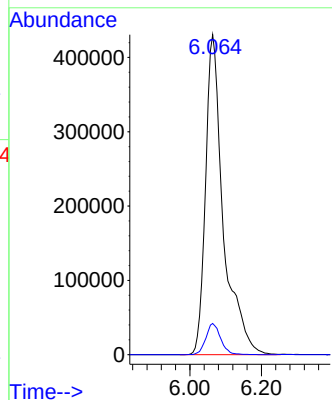
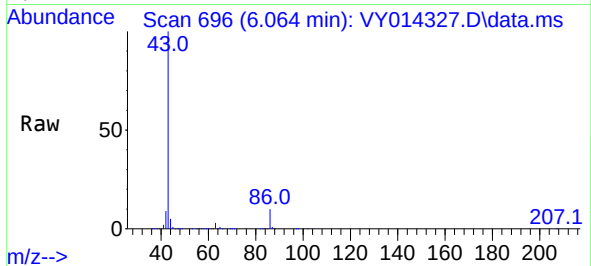




#23
 Vinyl Acetate
 Concen: 284.637 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY014327.D
 Acq: 21 Jun 2023 10:29

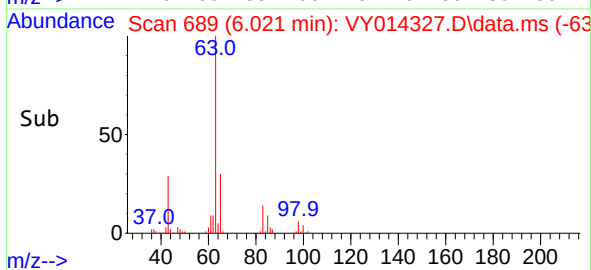
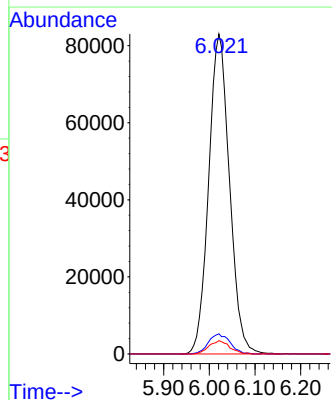
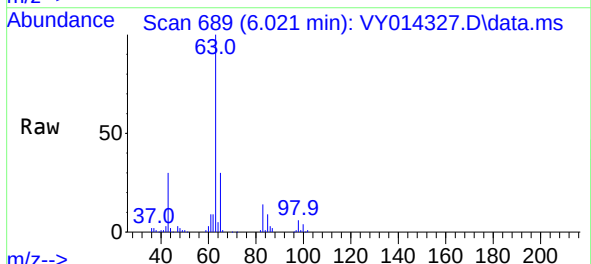
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

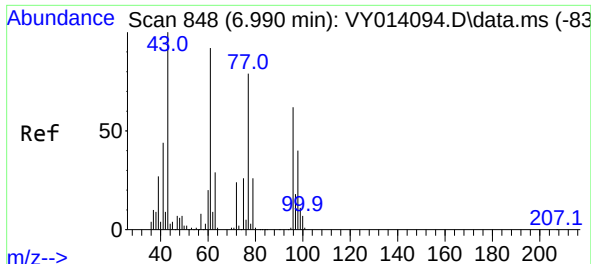
Tgt Ion: 43 Resp: 1484555
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 51.532 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY014327.D
 Acq: 21 Jun 2023 10:29

Tgt Ion: 63 Resp: 262644
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.1 1.8 5.5

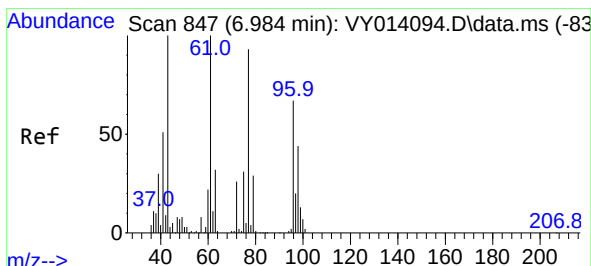
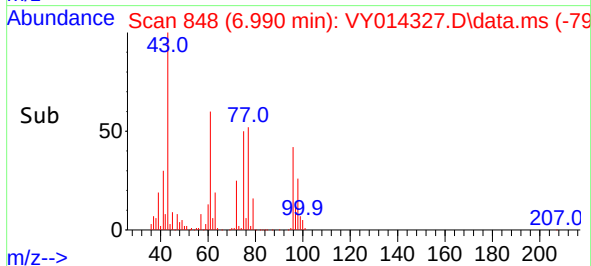
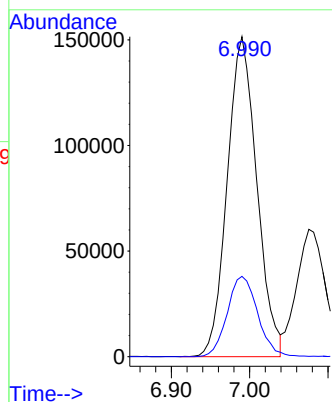
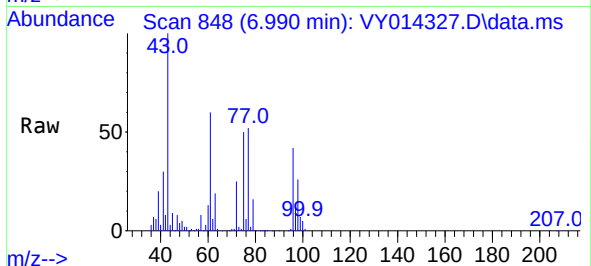




#25
2-Butanone
Concen: 345.388 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

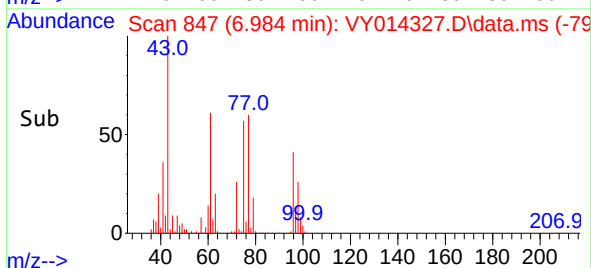
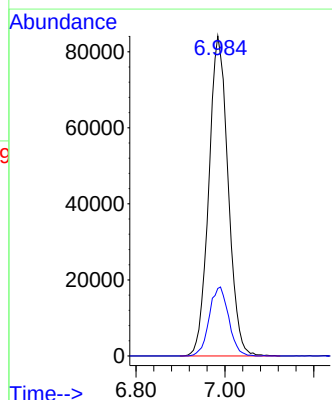
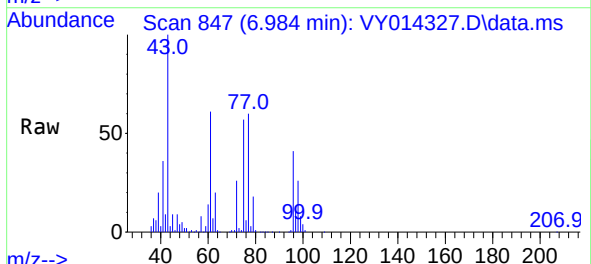
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

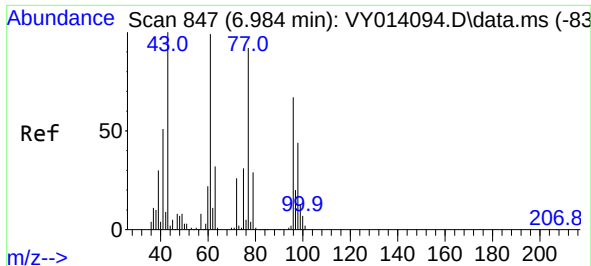
Tgt Ion: 43 Resp: 398098
Ion Ratio Lower Upper
43 100
72 25.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 53.091 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 77 Resp: 254147
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.641 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

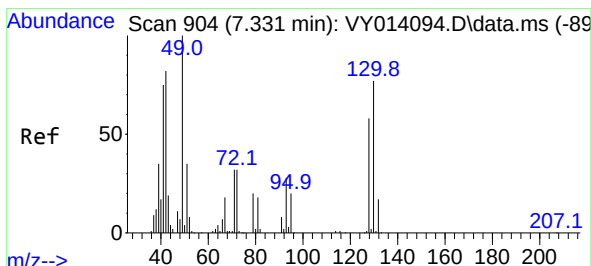
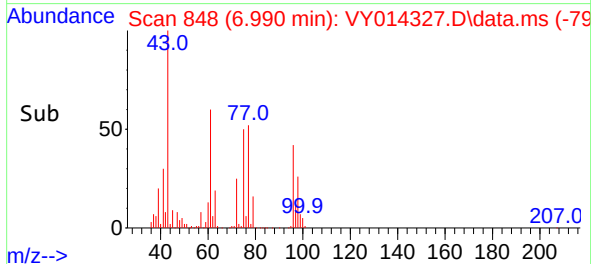
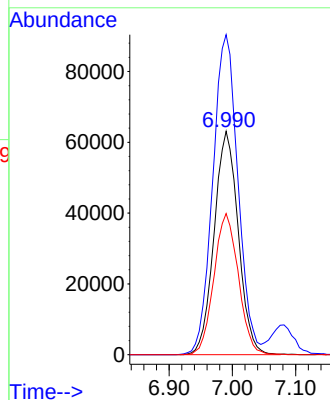
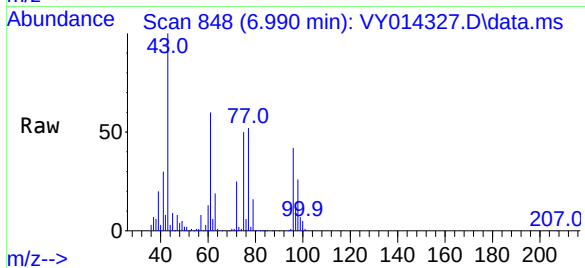
Tgt Ion: 96 Resp: 167289

Ion Ratio Lower Upper

96 100

61 149.4 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 50.732 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

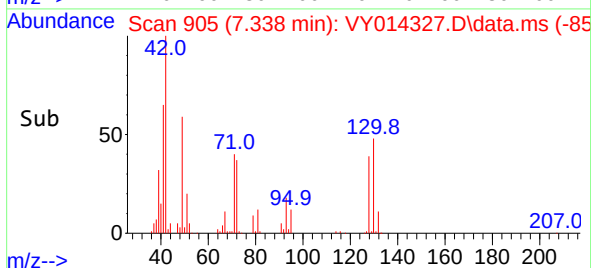
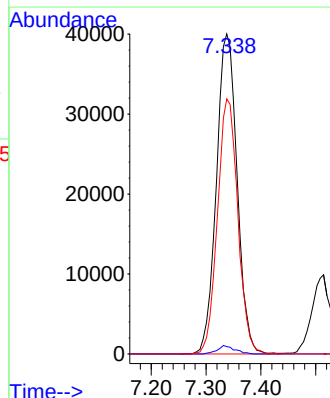
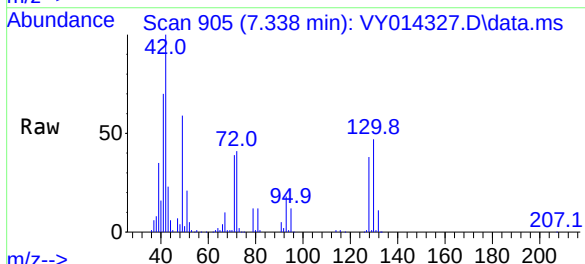
Tgt Ion: 49 Resp: 105150

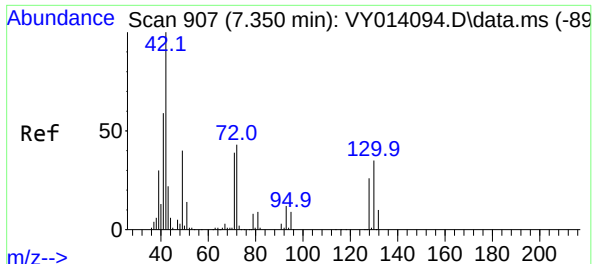
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 78.2 60.7 91.1

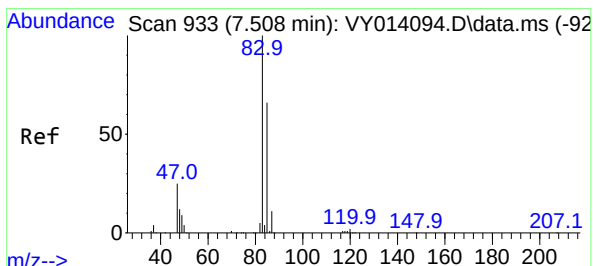
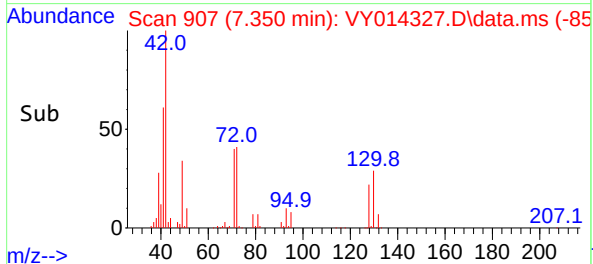
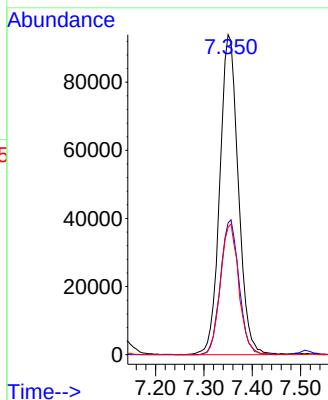
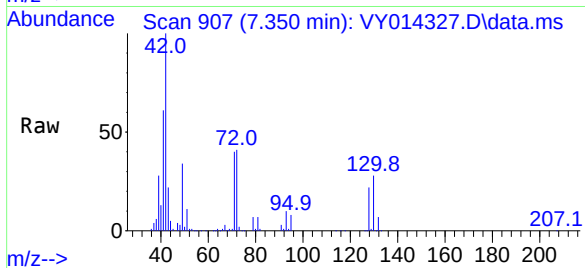




#29
Tetrahydrofuran
Concen: 342.631 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

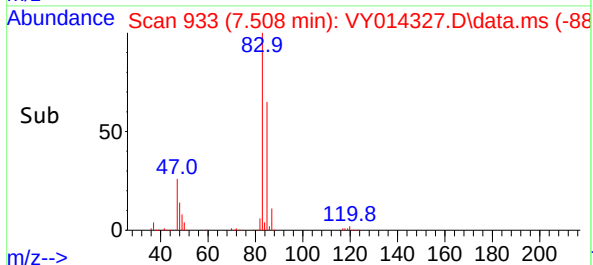
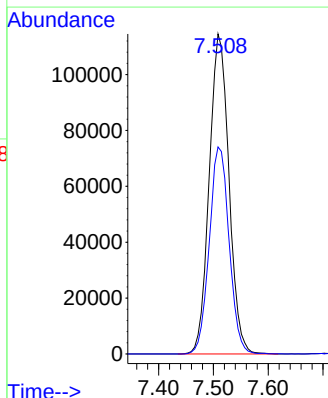
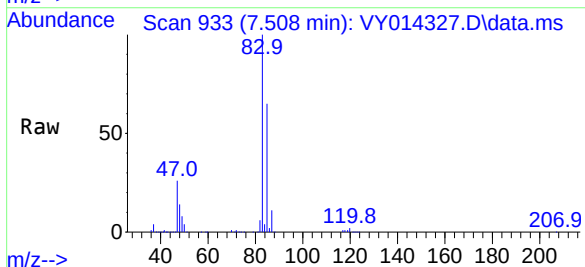
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

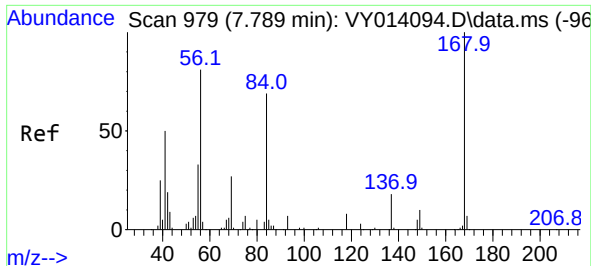
Tgt Ion: 42 Resp: 250423
Ion Ratio Lower Upper
42 100
72 42.2 32.8 49.2
71 40.4 31.0 46.4



#30
Chloroform
Concen: 52.812 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 83 Resp: 285559
Ion Ratio Lower Upper
83 100
85 64.7 49.7 74.5

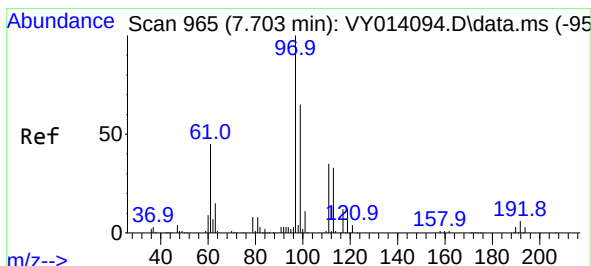
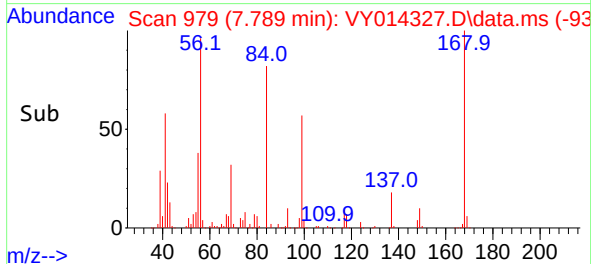
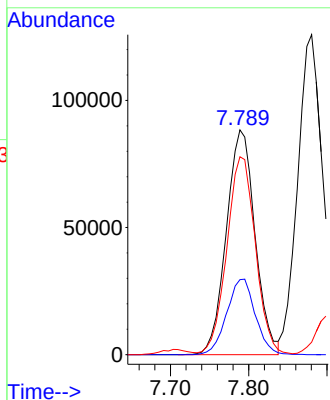
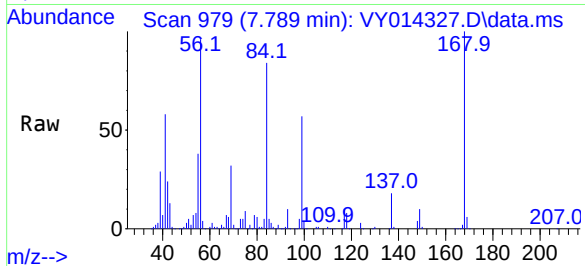




#31
Cyclohexane
Concen: 54.142 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

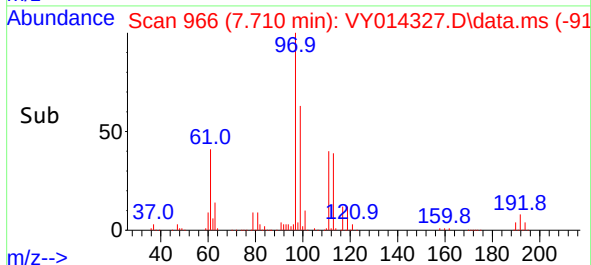
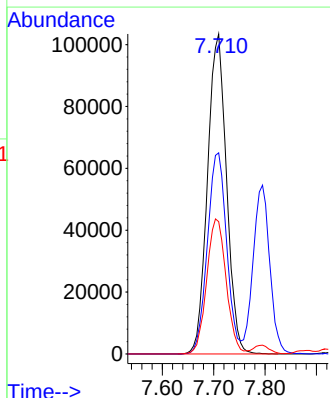
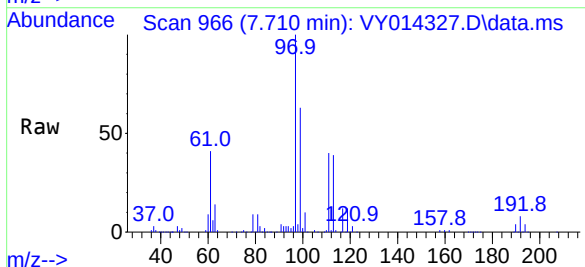
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

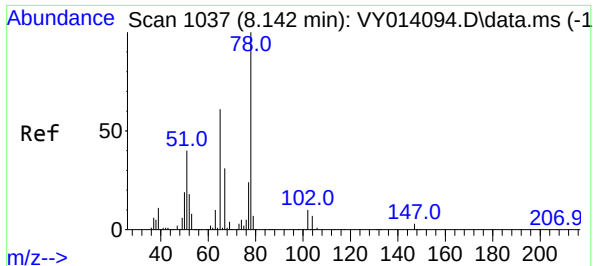
Tgt Ion: 56 Resp: 225301
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.6
84 85.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 54.471 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.007 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 97 Resp: 265638
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.729 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

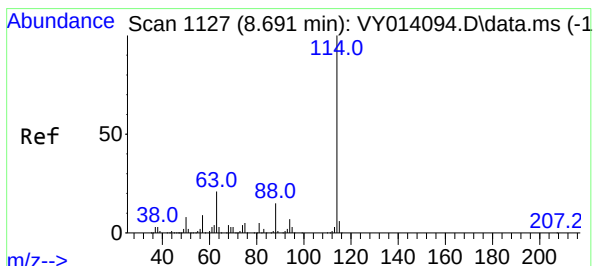
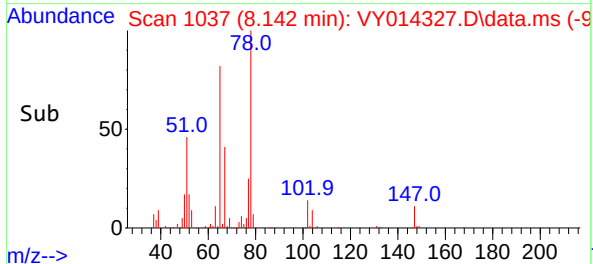
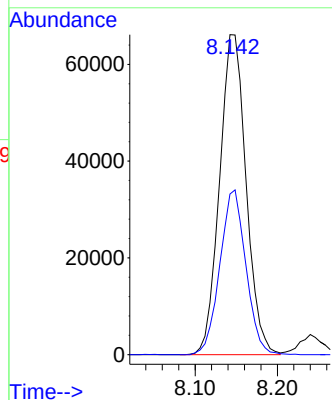
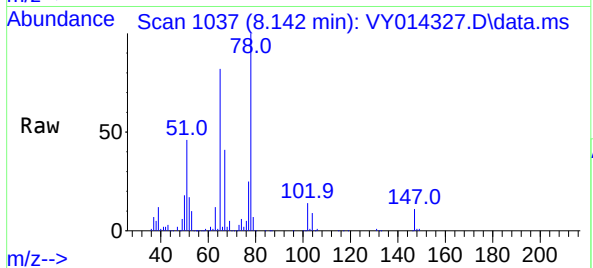
VSTDCCC050

Tgt Ion: 65 Resp: 148263

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

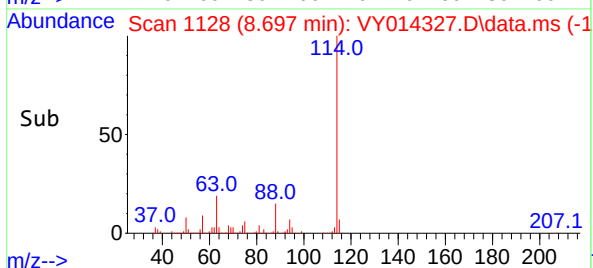
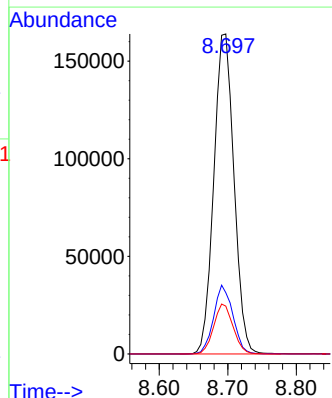
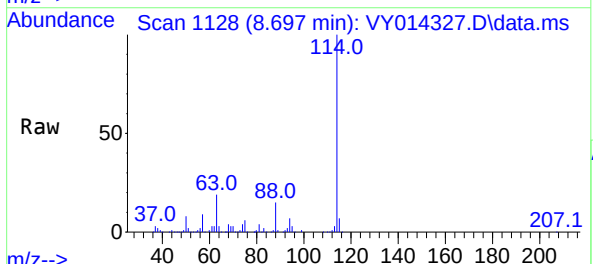
Tgt Ion: 114 Resp: 335000

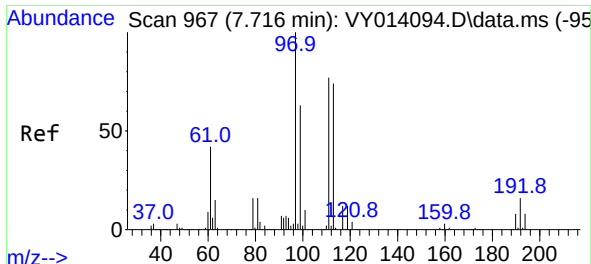
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6

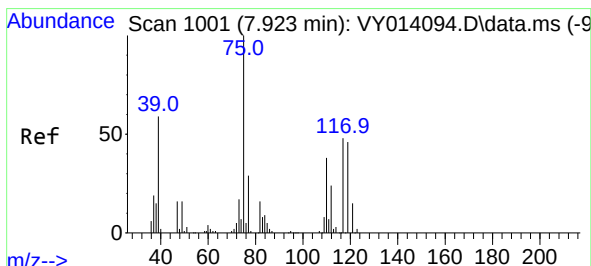
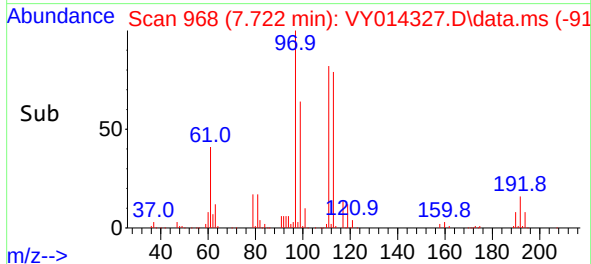
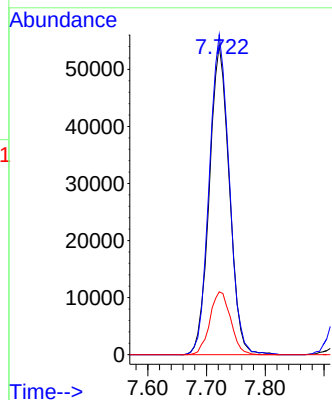
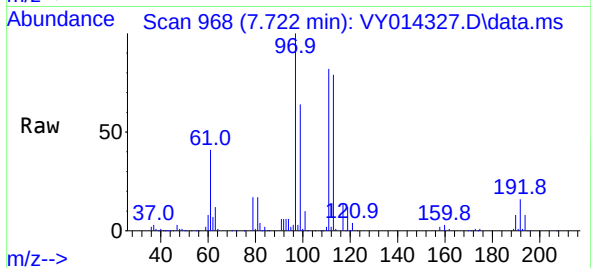




#35
Dibromofluoromethane
Concen: 53.887 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

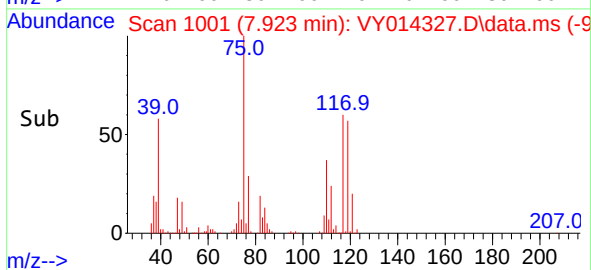
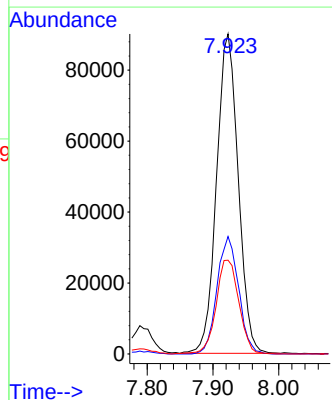
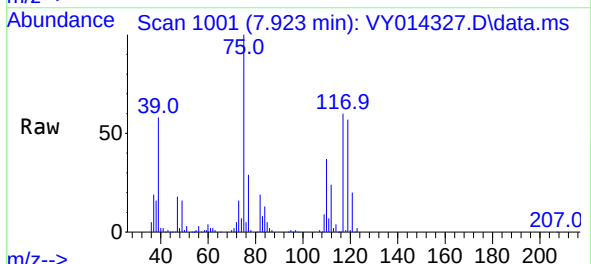
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

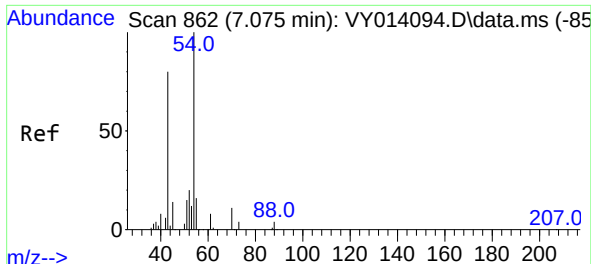
Tgt Ion:113 Resp: 128022
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 55.743 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 75 Resp: 206463
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.0 24.4 36.6

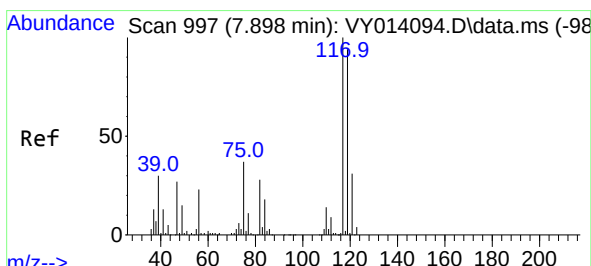
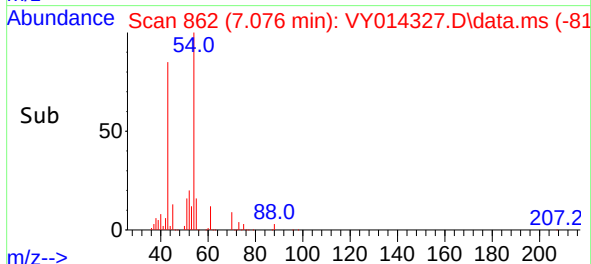
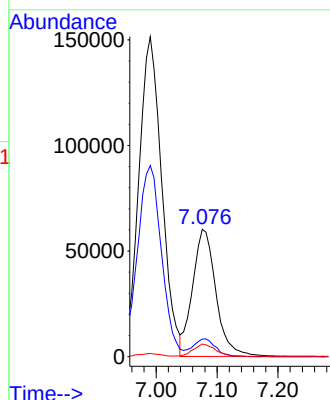
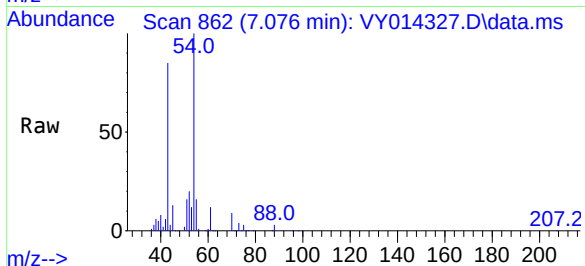




#37
Ethyl Acetate
Concen: 62.650 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

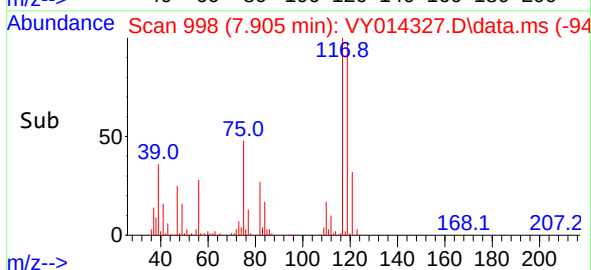
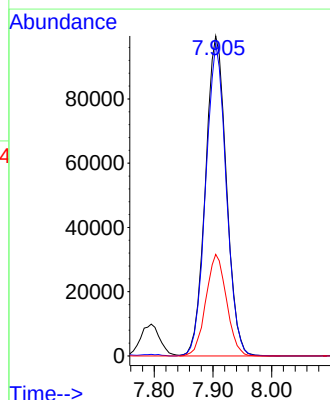
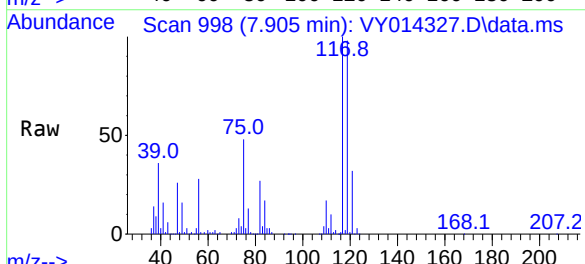
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

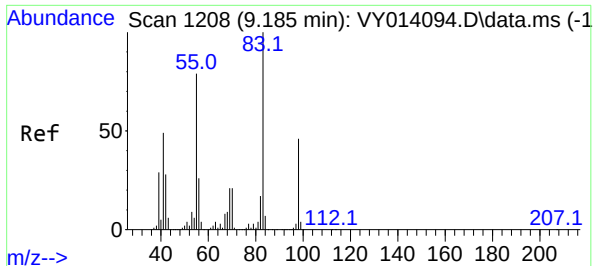
Tgt Ion: 43 Resp: 160107
Ion Ratio Lower Upper
43 100
61 13.7 10.1 15.1
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 57.544 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 117 Resp: 245952
Ion Ratio Lower Upper
117 100
119 97.7 76.4 114.6
121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 59.310 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

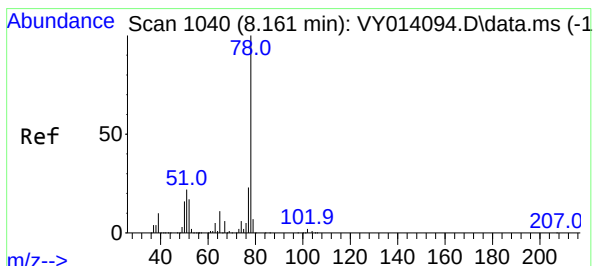
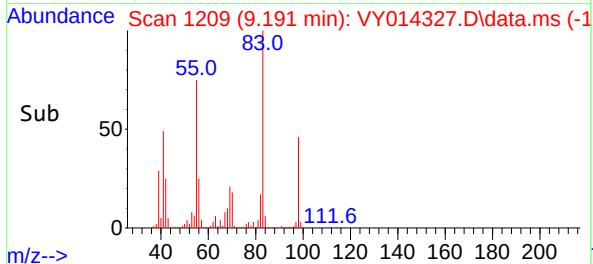
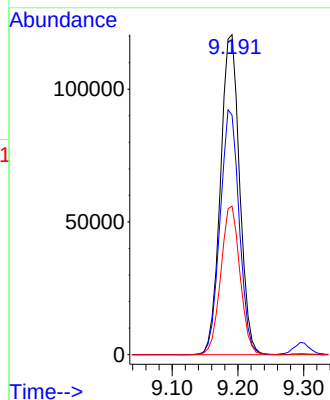
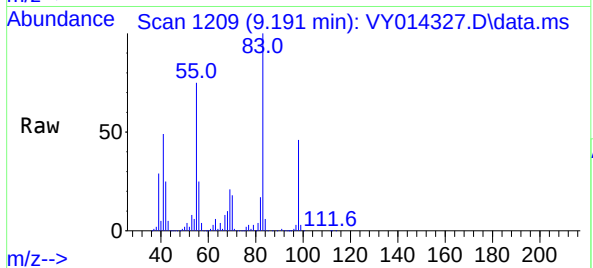
Tgt Ion: 83 Resp: 243731

Ion Ratio Lower Upper

83 100

55 74.9 63.0 94.4

98 46.5 37.4 56.2



#40

Benzene

Concen: 54.015 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014327.D

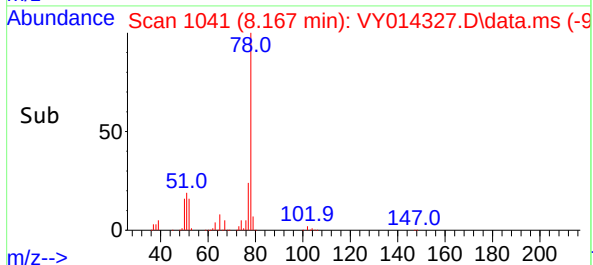
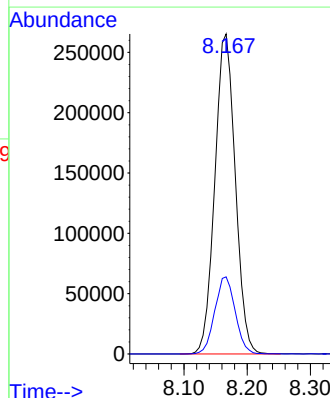
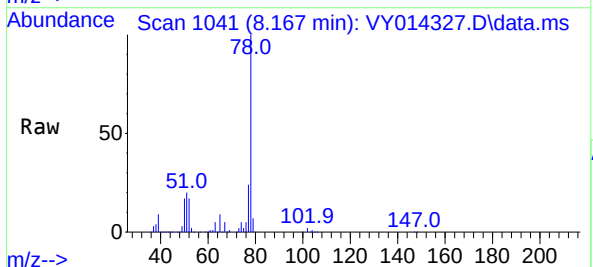
Acq: 21 Jun 2023 10:29

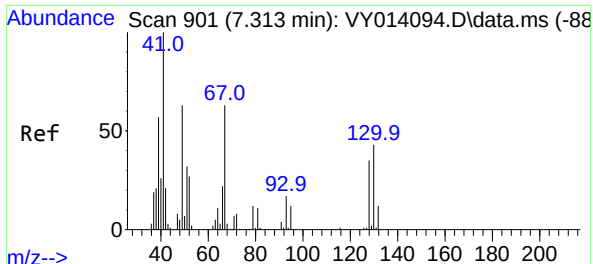
Tgt Ion: 78 Resp: 594901

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

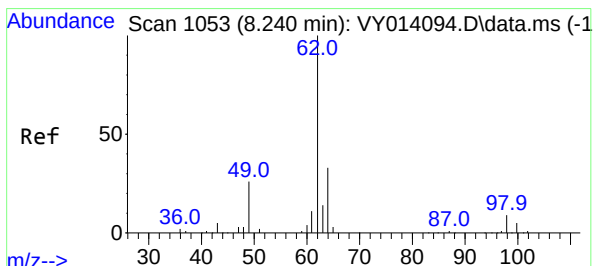
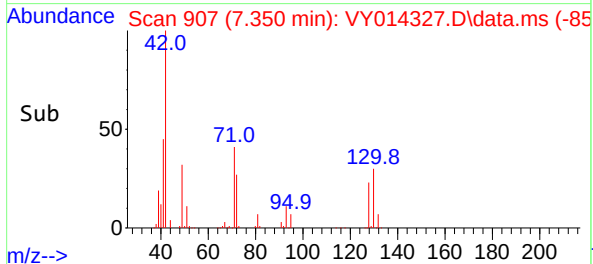
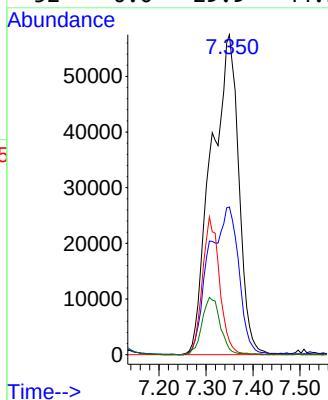
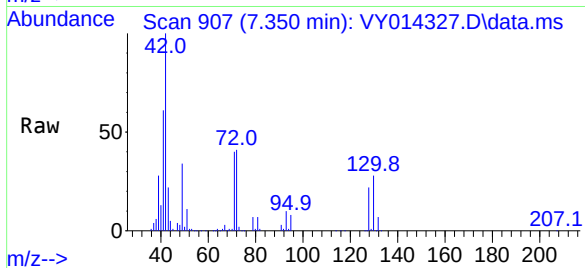




#41
Methacrylonitrile
Concen: 179.102 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

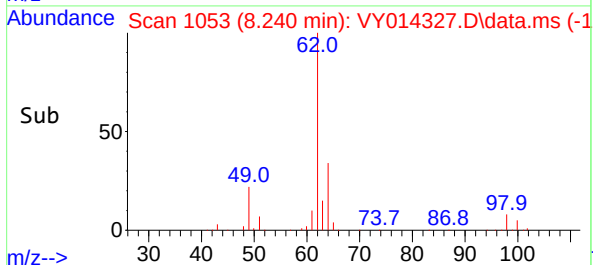
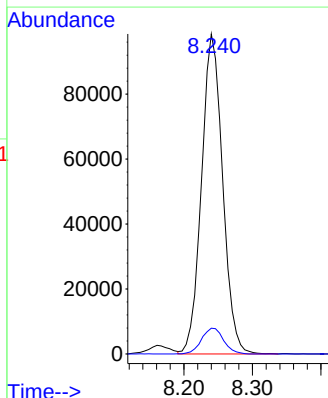
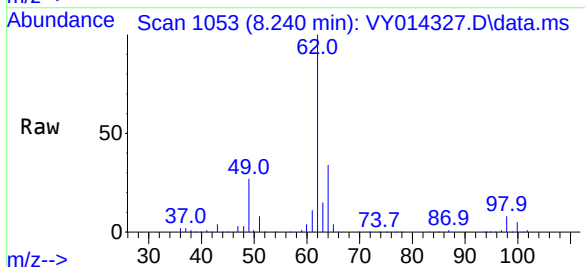
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

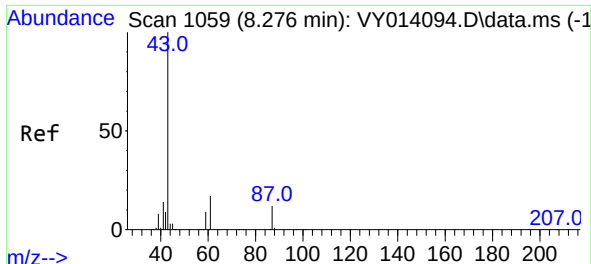
Tgt Ion: 41 Resp: 233593
Ion Ratio Lower Upper
41 100
39 50.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 54.299 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 62 Resp: 211480
Ion Ratio Lower Upper
62 100
98 8.4 0.0 15.8

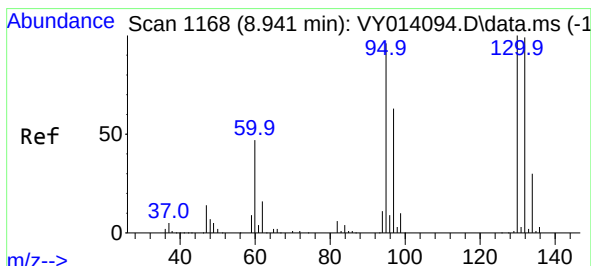
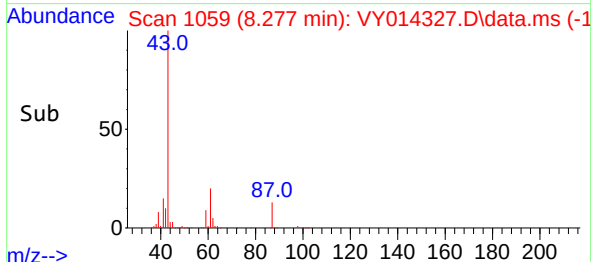
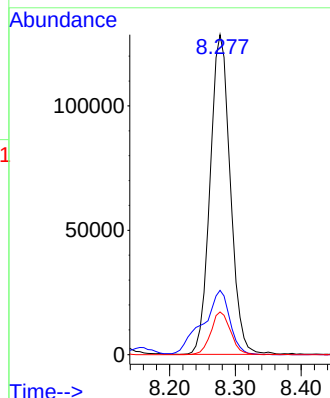
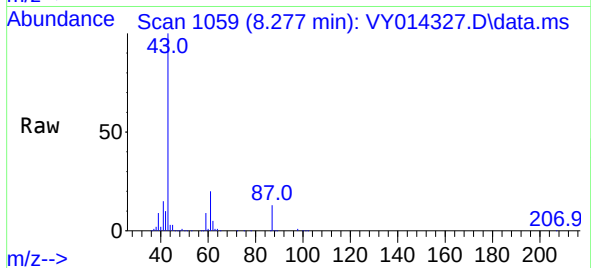




#43
Isopropyl Acetate
Concen: 61.233 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

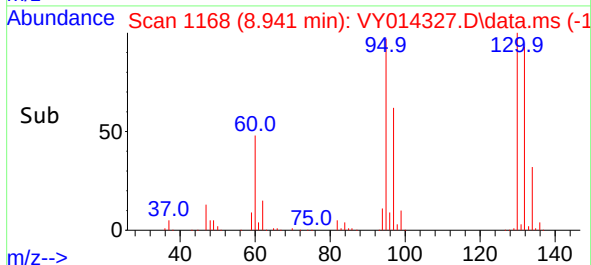
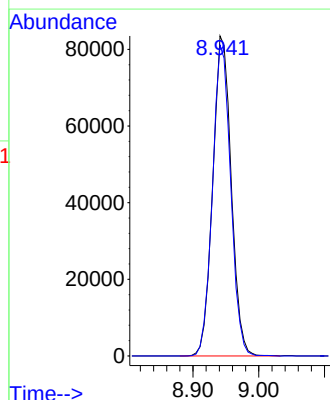
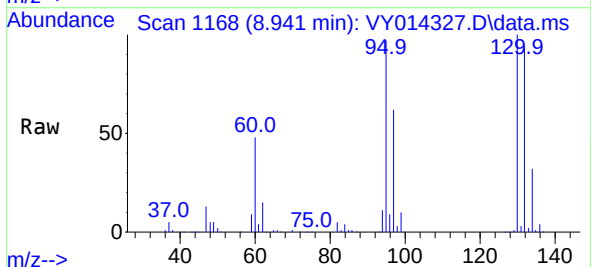
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

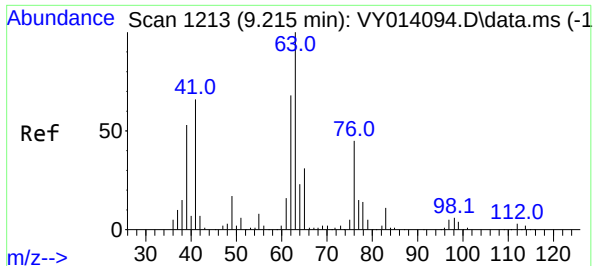
Tgt Ion: 43 Resp: 274272
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 13.0 9.8 14.8



#44
Trichloroethene
Concen: 55.420 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:130 Resp: 163079
Ion Ratio Lower Upper
130 100
95 97.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.851 ug/l

RT: 9.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

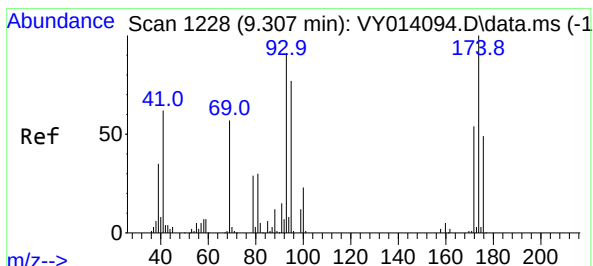
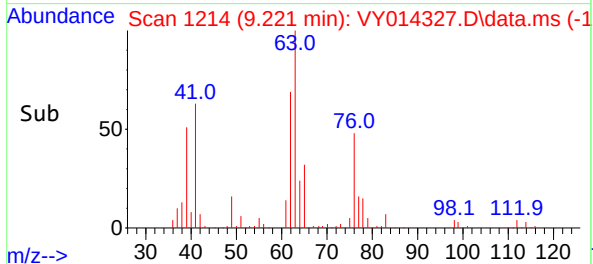
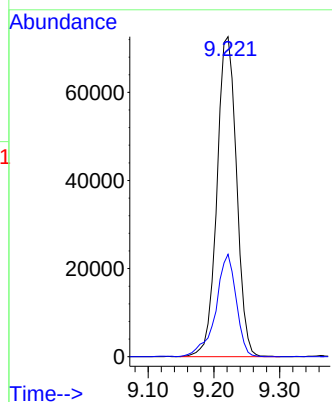
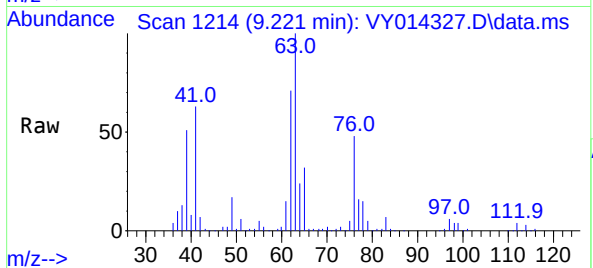
VSTDCCC050

Tgt Ion: 63 Resp: 150646

Ion Ratio Lower Upper

63 100

65 32.0 23.8 35.6



#46

Dibromomethane

Concen: 55.646 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

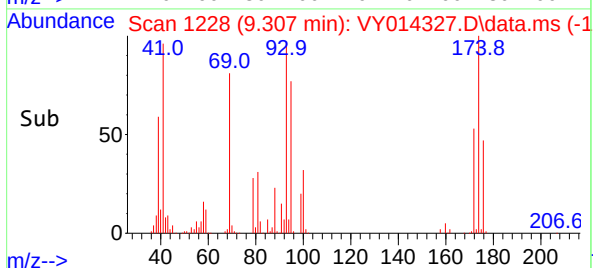
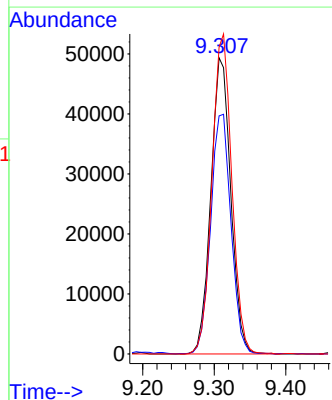
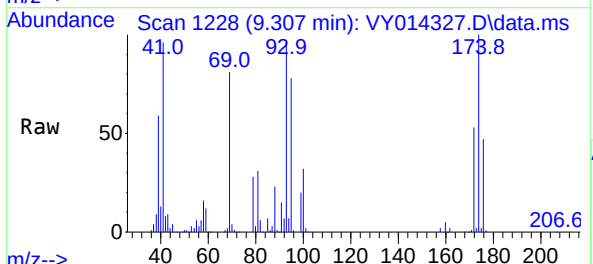
Tgt Ion: 93 Resp: 95823

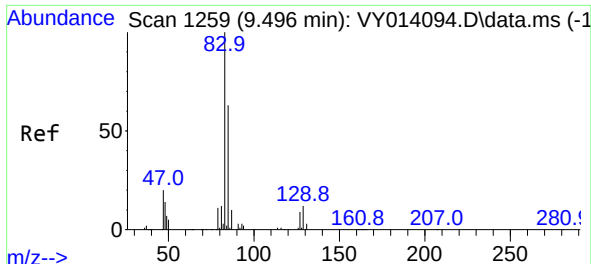
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 106.9 84.8 127.2

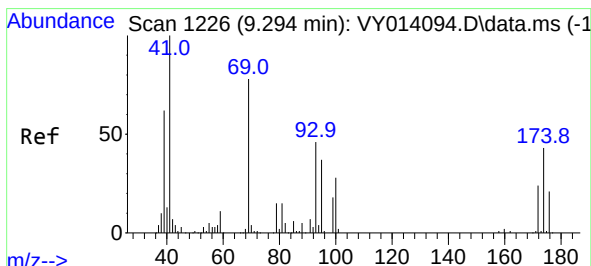
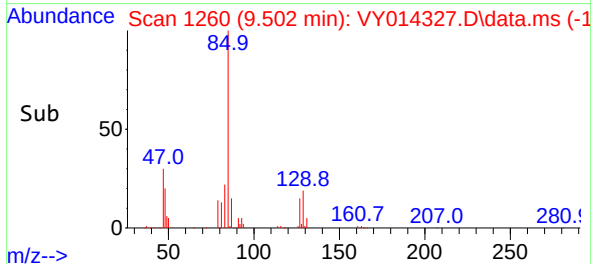
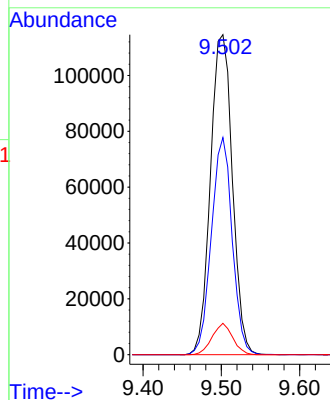
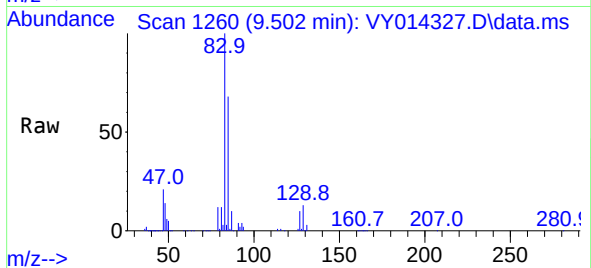




#47
Bromodichloromethane
Concen: 55.224 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

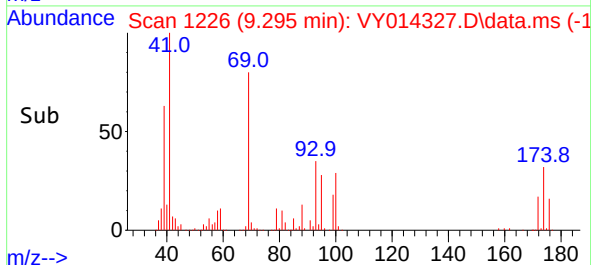
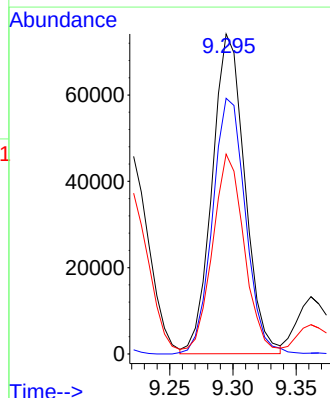
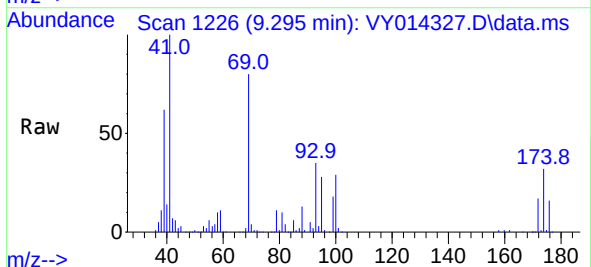
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

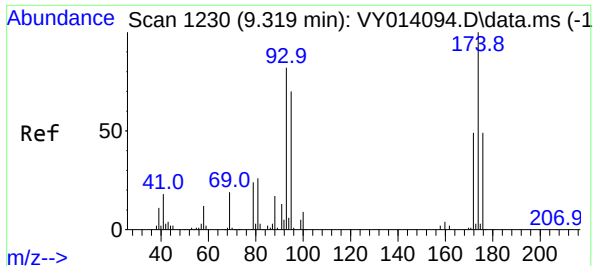
Tgt Ion: 83 Resp: 222661
Ion Ratio Lower Upper
83 100
85 67.8 50.1 75.1
127 9.8 7.1 10.7



#48
Methyl methacrylate
Concen: 63.592 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 41 Resp: 132852
Ion Ratio Lower Upper
41 100
69 81.1 64.5 96.7
39 58.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1448.633 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

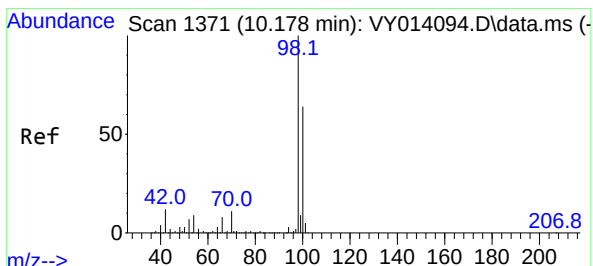
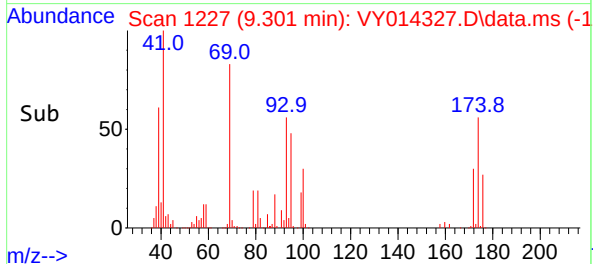
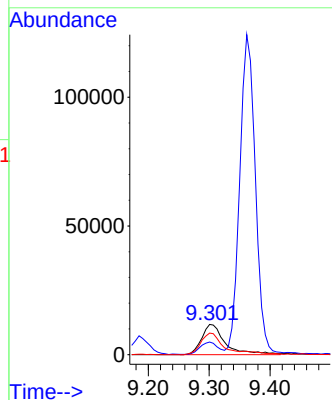
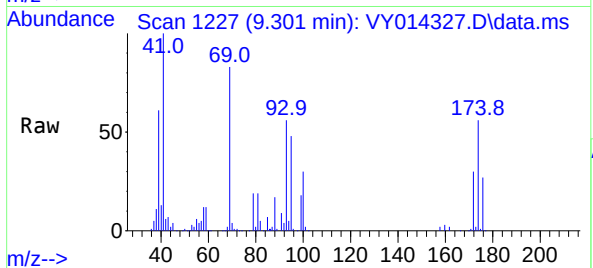
Tgt Ion: 88 Resp: 31697

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 73.9 30.9 46.3#



#50

Toluene-d8

Concen: 48.475 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY014327.D

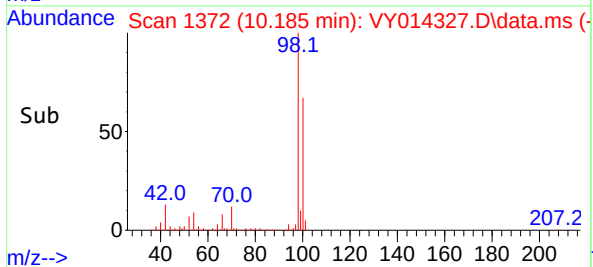
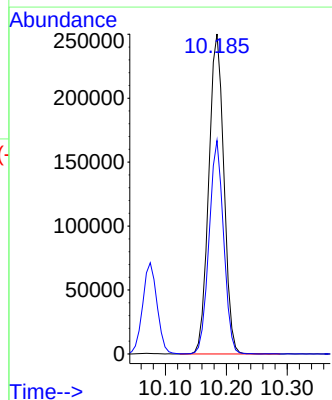
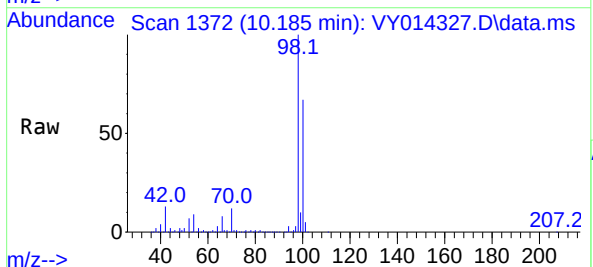
Acq: 21 Jun 2023 10:29

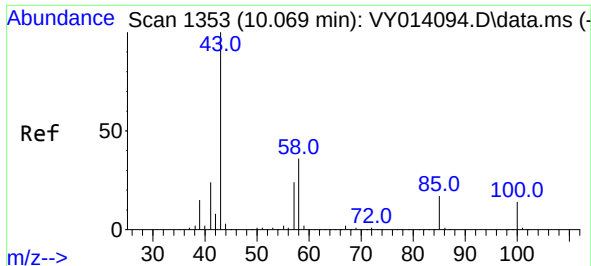
Tgt Ion: 98 Resp: 430556

Ion Ratio Lower Upper

98 100

100 64.3 50.1 75.1

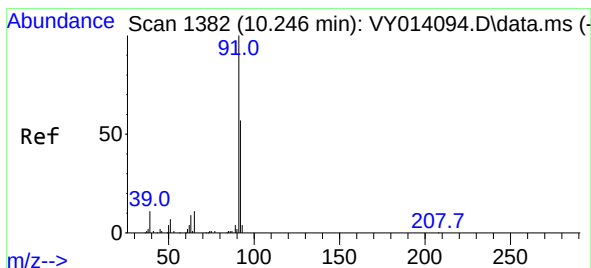
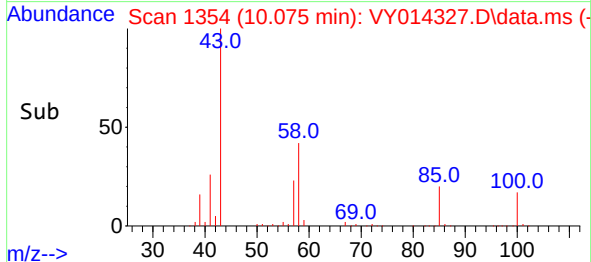
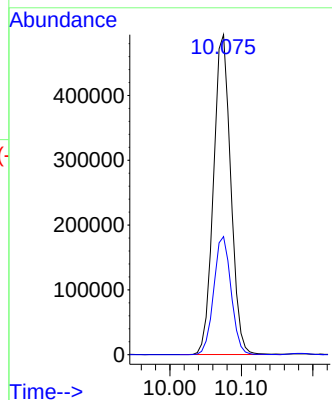
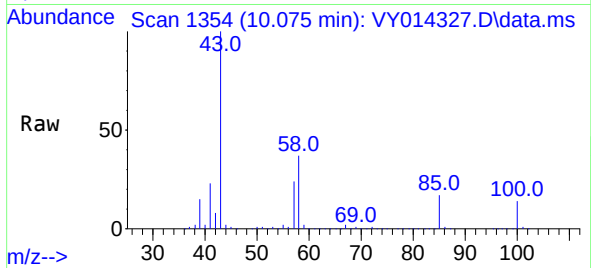




#51
4-Methyl-2-Pentanone
Concen: 340.232 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

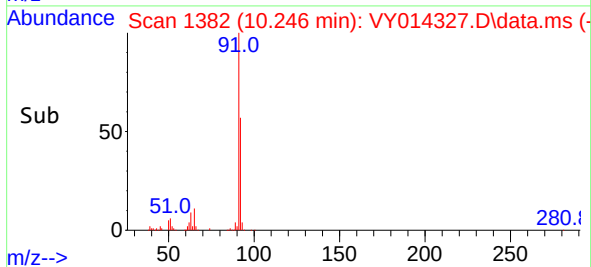
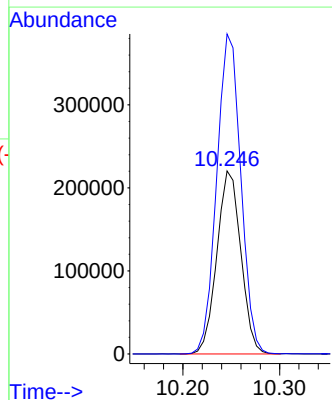
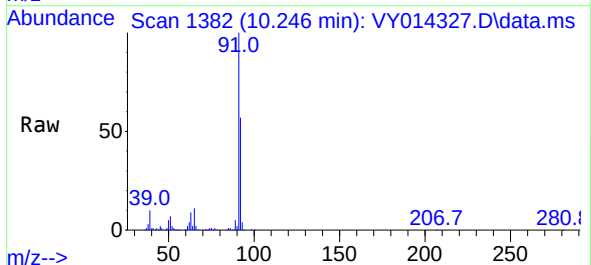
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

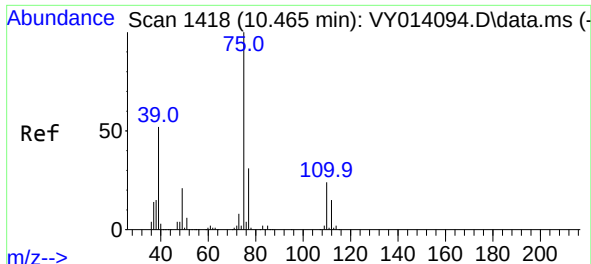
Tgt Ion: 43 Resp: 827937
Ion Ratio Lower Upper
43 100
58 37.2 29.0 43.6



#52
Toluene
Concen: 55.606 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 92 Resp: 379646
Ion Ratio Lower Upper
92 100
91 175.8 143.8 215.6

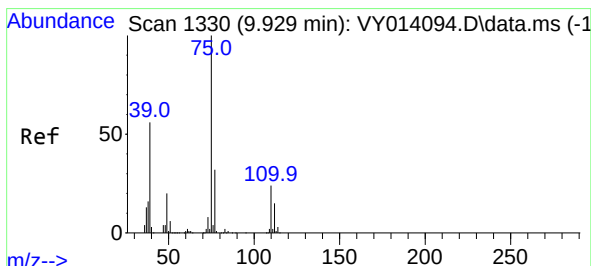
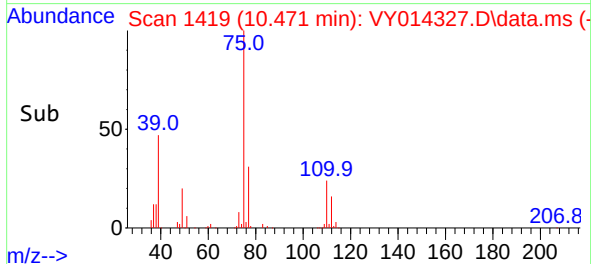
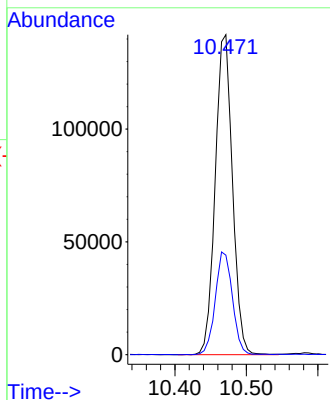
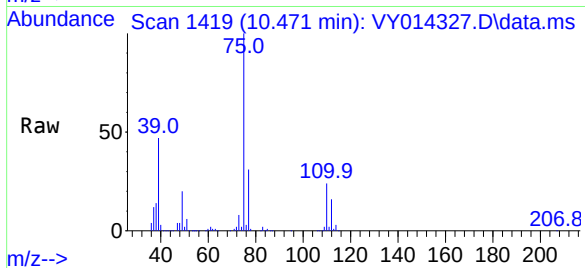




#53
t-1,3-Dichloropropene
Concen: 55.860 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

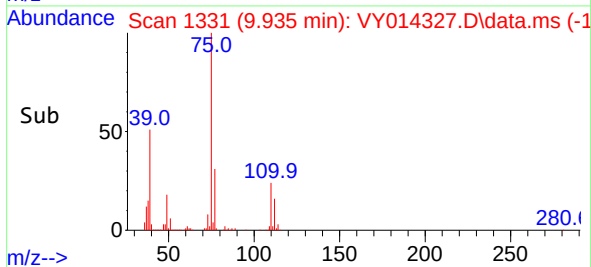
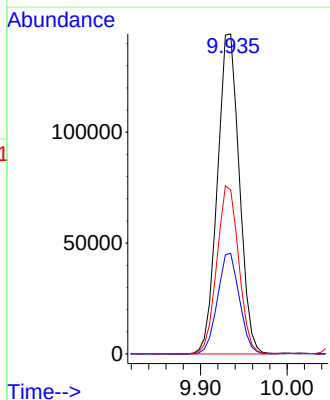
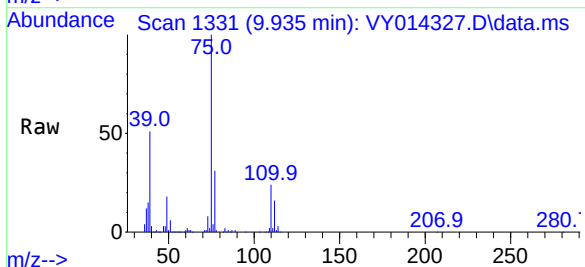
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

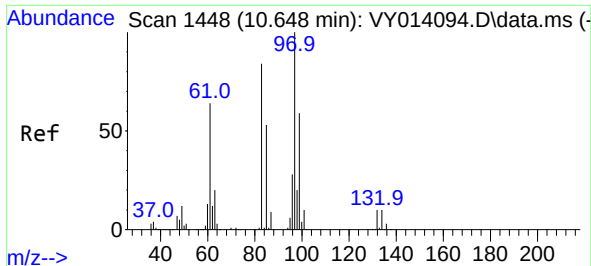
Tgt Ion: 75 Resp: 237098
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 54.787 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

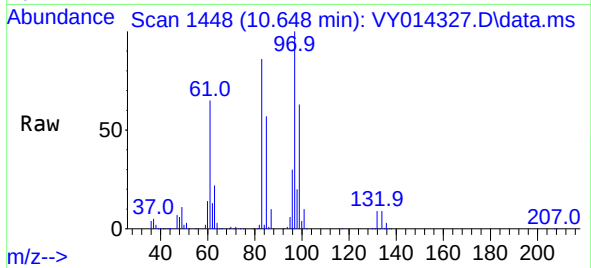
Tgt Ion: 75 Resp: 253718
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 51.3 42.2 63.4





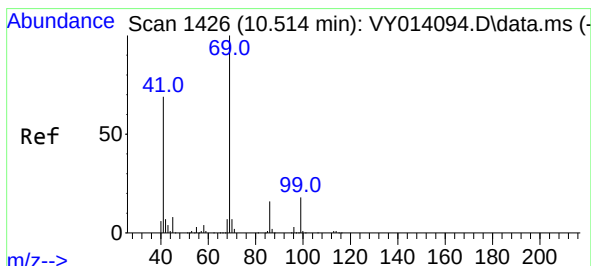
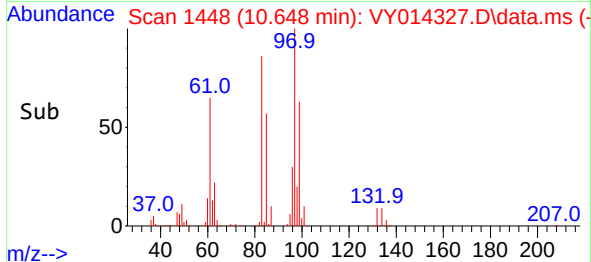
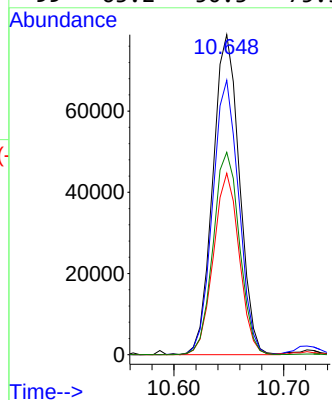
#55
1,1,2-Trichloroethane
Concen: 58.095 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 132690

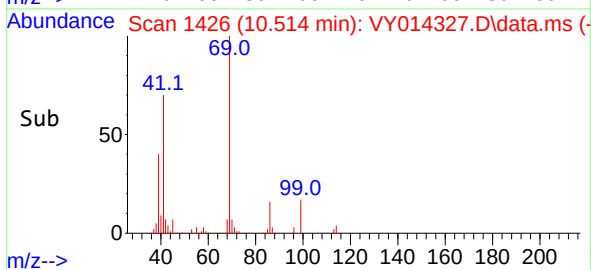
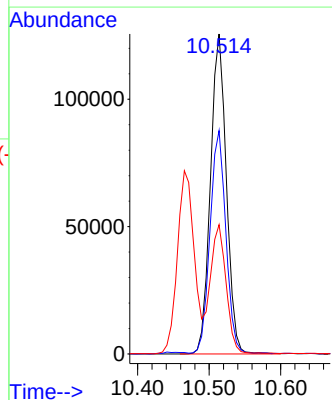
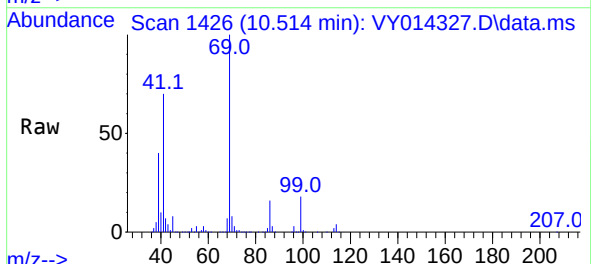
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	56.7	45.4	68.0
99	63.2	50.3	75.5

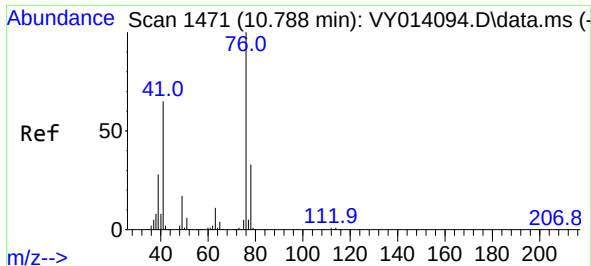


#56
Ethyl methacrylate
Concen: 61.540 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 69 Resp: 193875

Ion	Ratio	Lower	Upper
69	100		
41	69.0	57.6	86.4
39	40.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 56.798 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

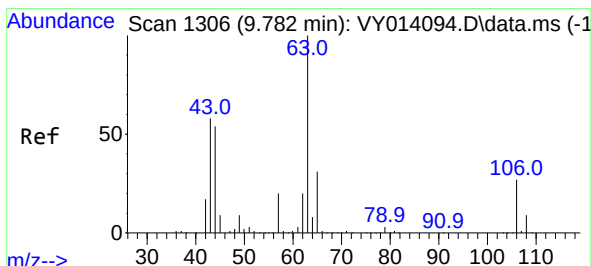
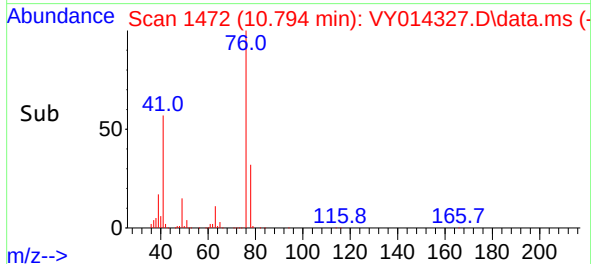
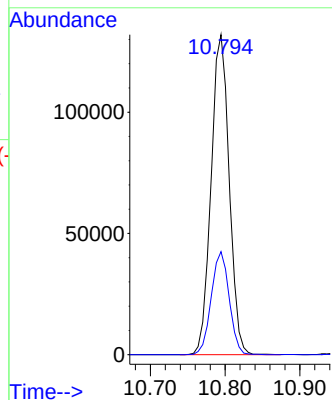
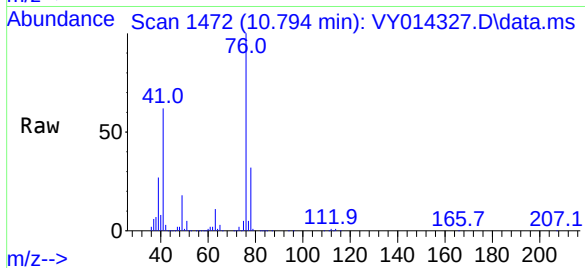
VSTDCCC050

Tgt Ion: 76 Resp: 221874

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 310.951 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY014327.D

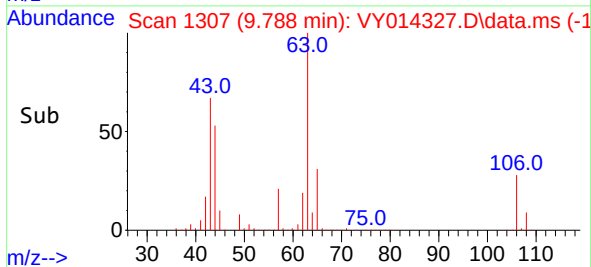
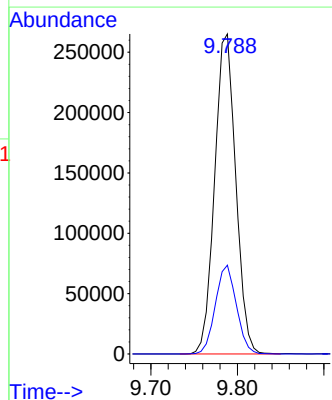
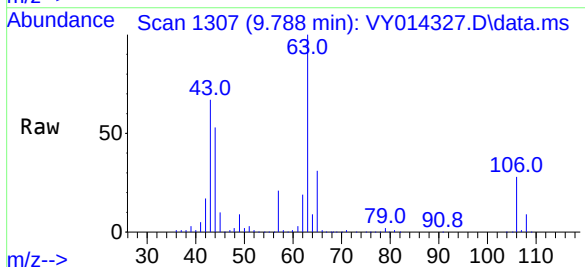
Acq: 21 Jun 2023 10:29

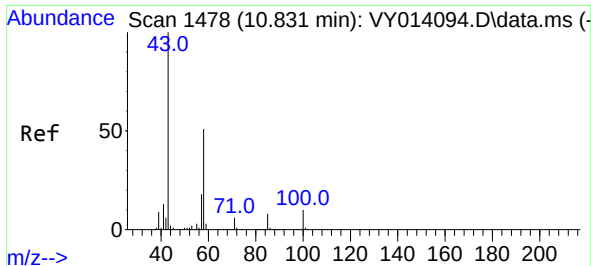
Tgt Ion: 63 Resp: 448825

Ion Ratio Lower Upper

63 100

106 27.6 21.2 31.8





#59

2-Hexanone

Concen: 349.562 ug/l

RT: 10.837 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

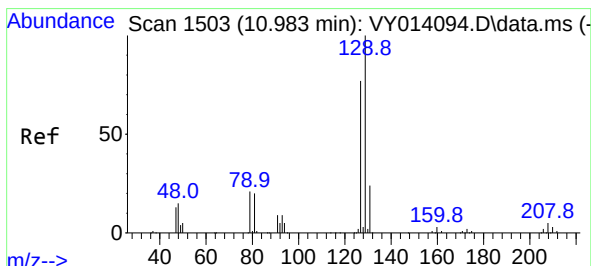
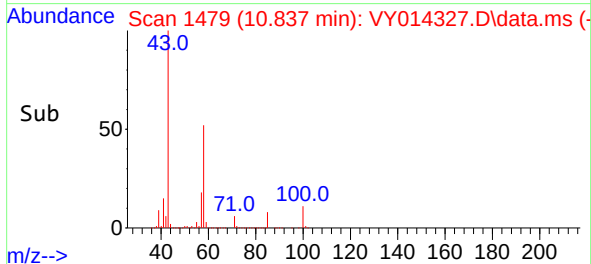
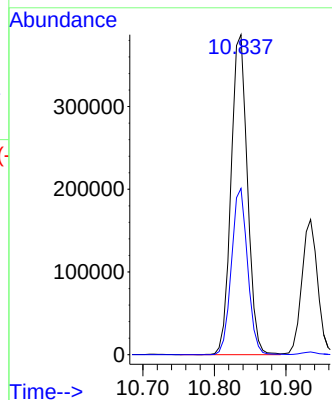
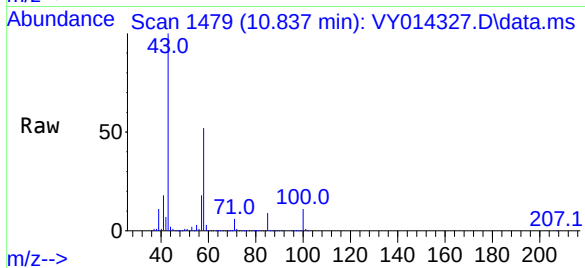
VSTDCCC050

Tgt Ion: 43 Resp: 614384

Ion Ratio Lower Upper

43 100

58 51.3 25.1 75.3



#60

Dibromochloromethane

Concen: 58.602 ug/l

RT: 10.989 min Scan# 1504

Delta R.T. 0.006 min

Lab File: VY014327.D

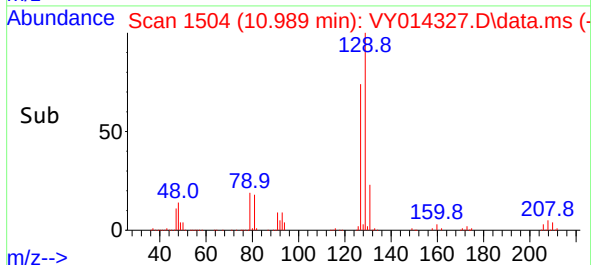
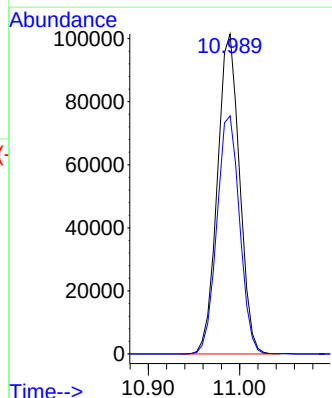
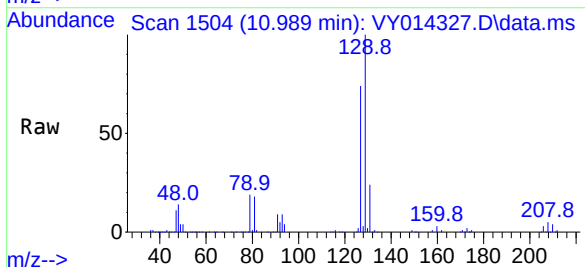
Acq: 21 Jun 2023 10:29

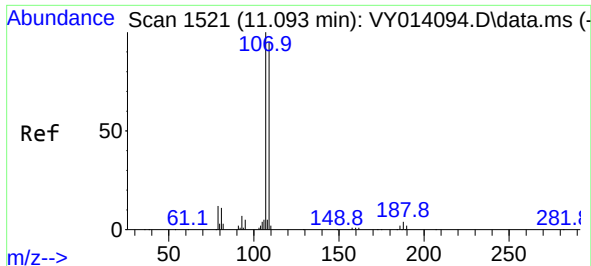
Tgt Ion:129 Resp: 171312

Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.5

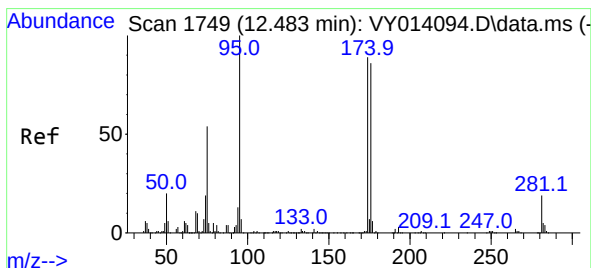
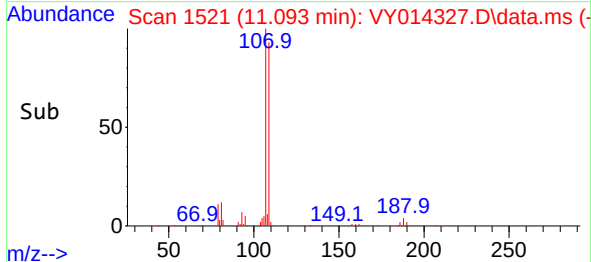
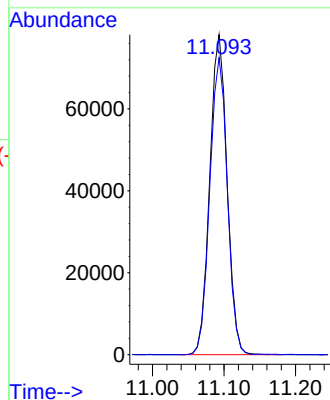
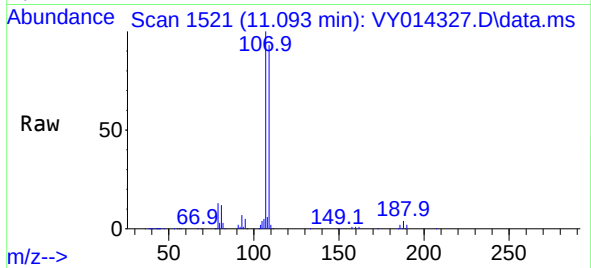




#61
1,2-Dibromoethane
Concen: 58.311 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

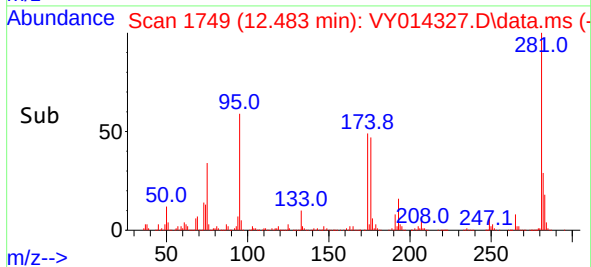
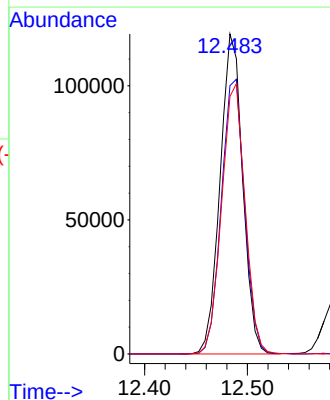
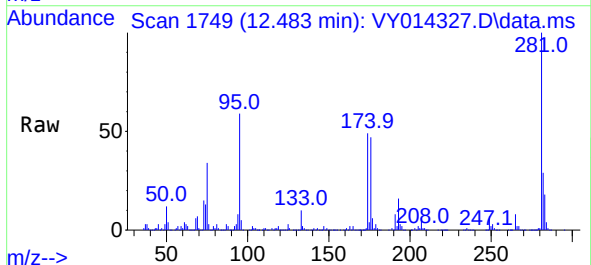
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

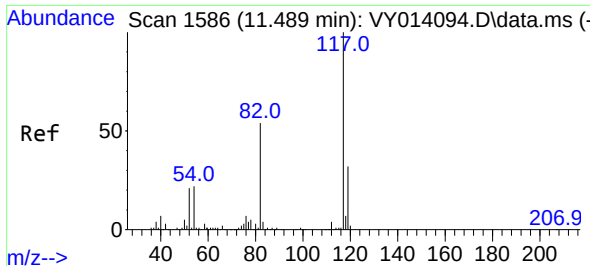
Tgt Ion:107 Resp: 131441
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.614 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 95 Resp: 181780
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.2
176 87.7 0.0 173.8



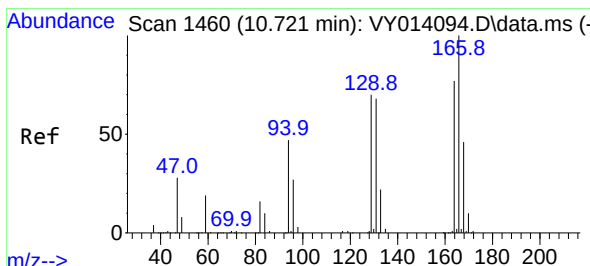
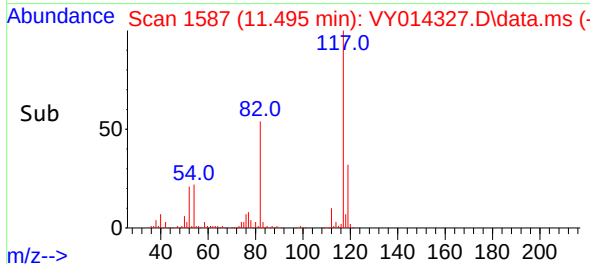
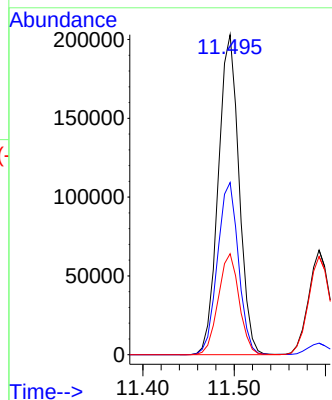
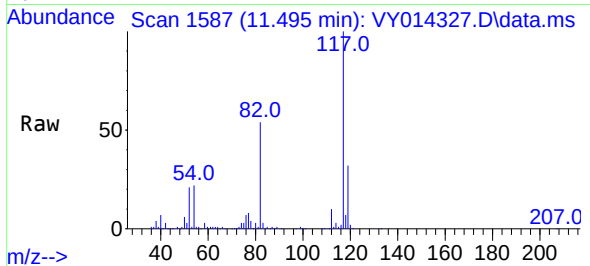


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 320864

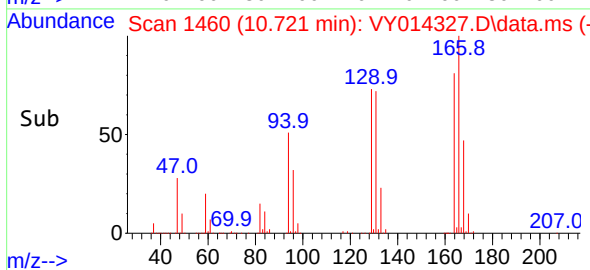
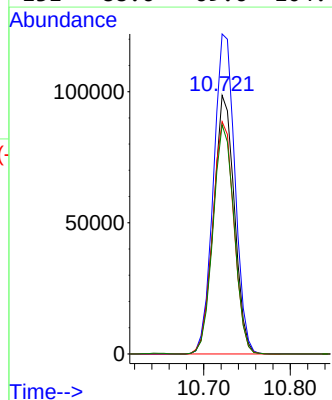
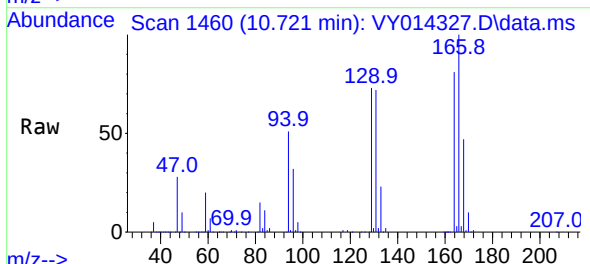
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.0
119	31.6	26.3	39.5

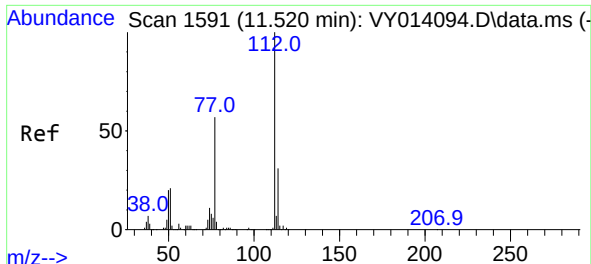


#64
Tetrachloroethene
Concen: 60.310 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:164 Resp: 164944

Ion	Ratio	Lower	Upper
164	100		
166	123.8	103.0	154.6
129	89.9	77.2	115.8
131	88.6	69.6	104.4

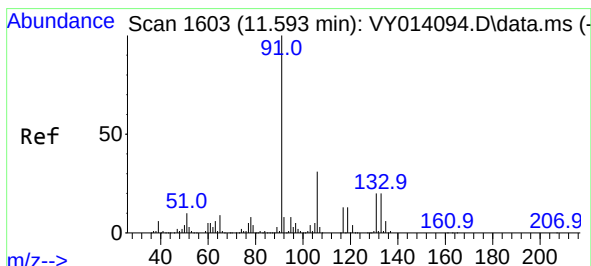
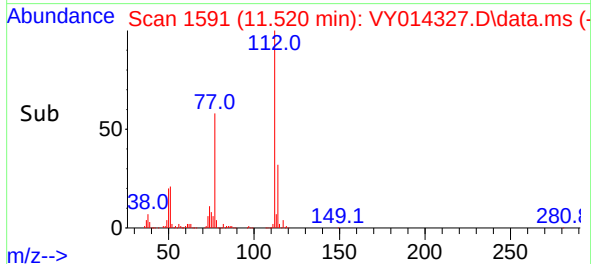
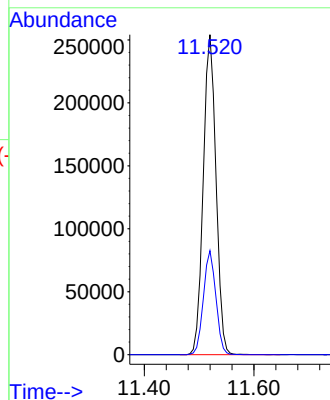
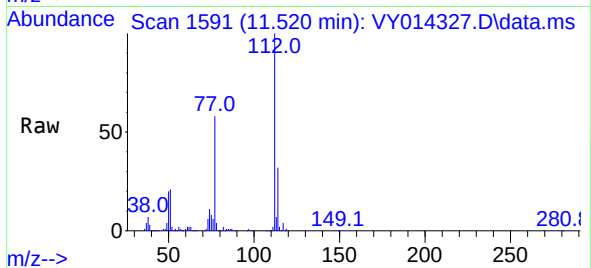




#65
Chlorobenzene
Concen: 53.089 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

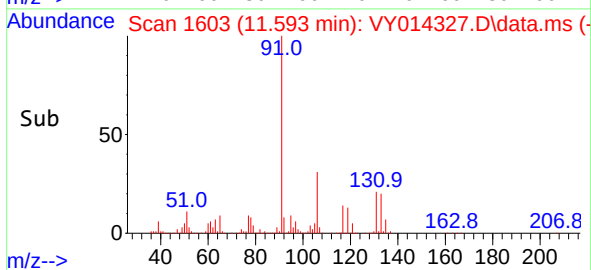
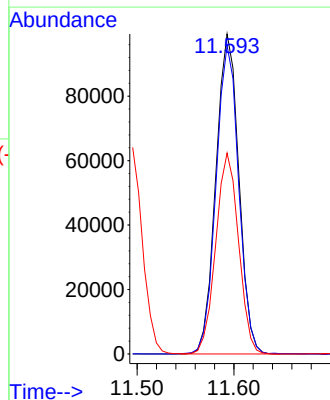
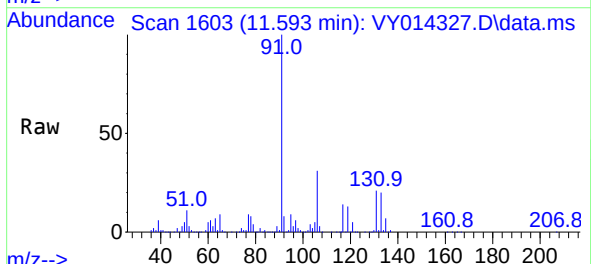
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

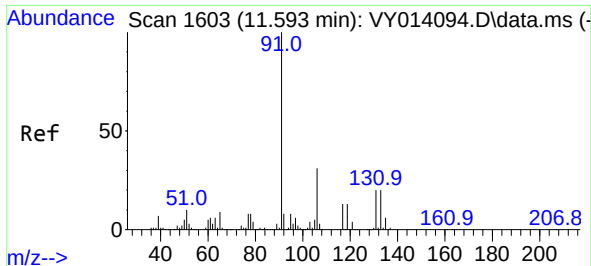
Tgt Ion:112 Resp: 409311
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.775 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:131 Resp: 163072
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 62.5 31.6 94.7





#67

Ethyl Benzene

Concen: 55.391 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

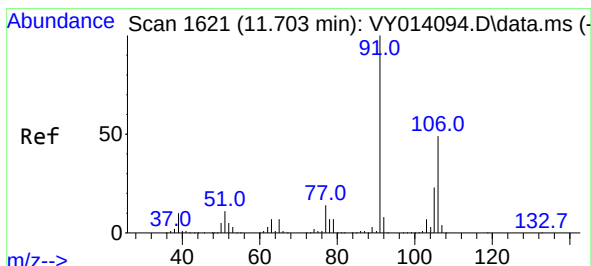
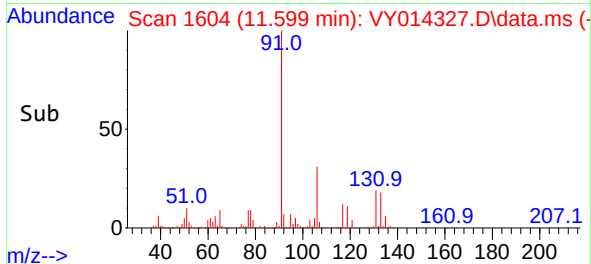
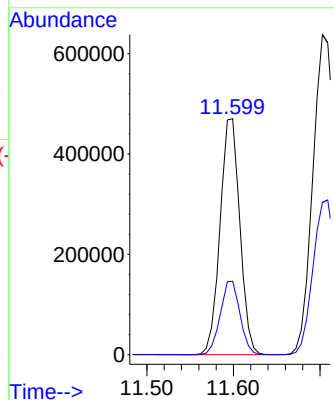
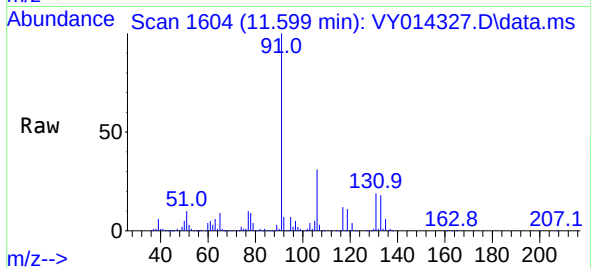
VSTDCCC050

Tgt Ion: 91 Resp: 747521

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 111.071 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY014327.D

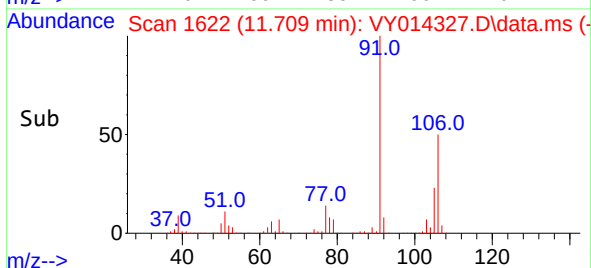
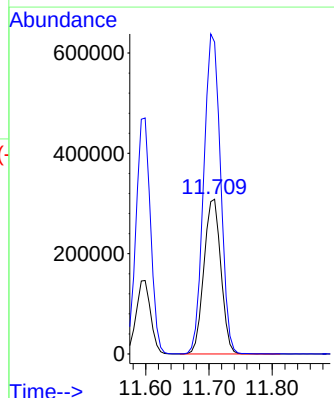
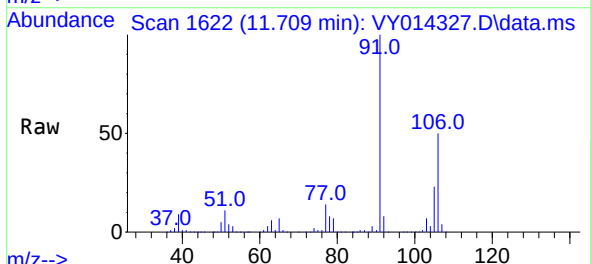
Acq: 21 Jun 2023 10:29

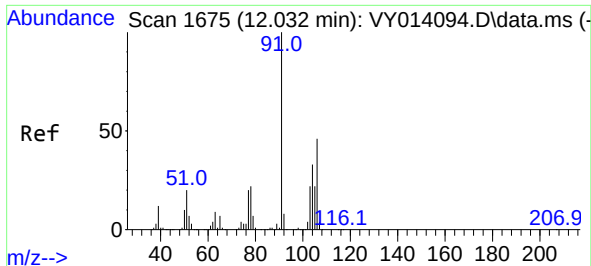
Tgt Ion:106 Resp: 576550

Ion Ratio Lower Upper

106 100

91 204.9 166.1 249.1

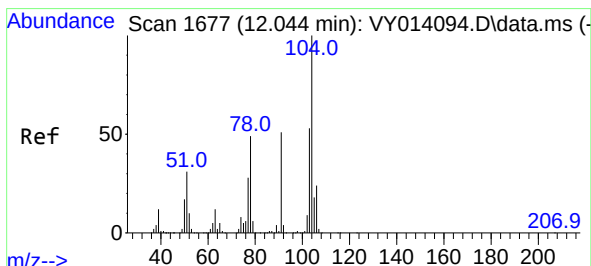
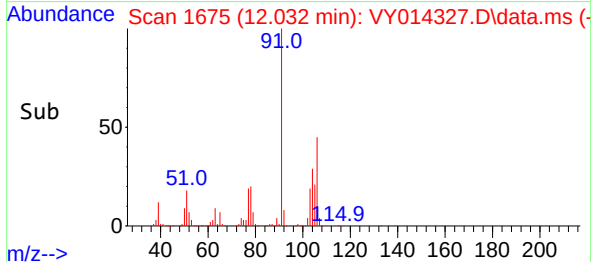
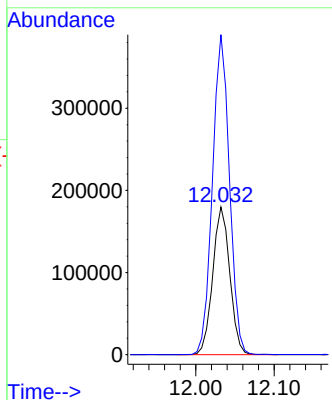
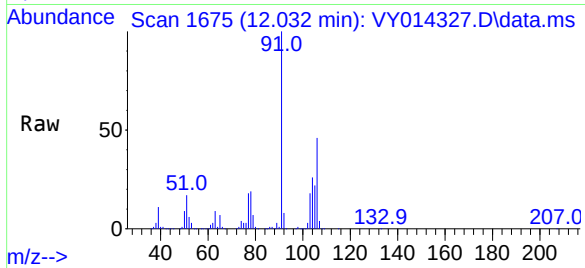




#69
o-Xylene
Concen: 55.541 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

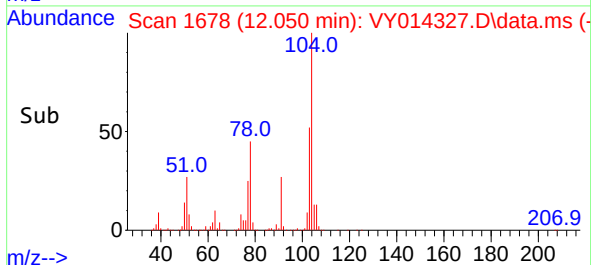
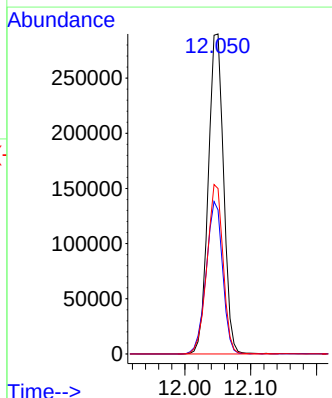
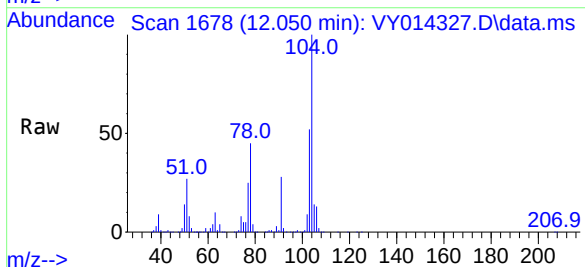
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

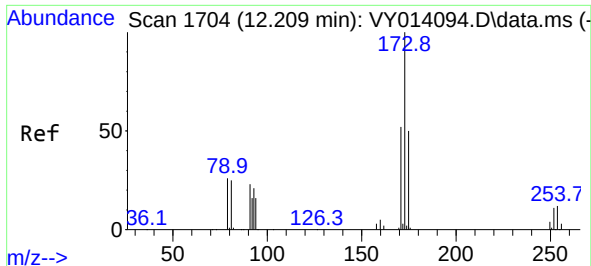
Tgt Ion:106 Resp: 272575
Ion Ratio Lower Upper
106 100
91 215.8 108.1 324.3



#70
Styrene
Concen: 56.346 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:104 Resp: 471957
Ion Ratio Lower Upper
104 100
78 51.1 41.5 62.3
103 55.4 44.6 67.0

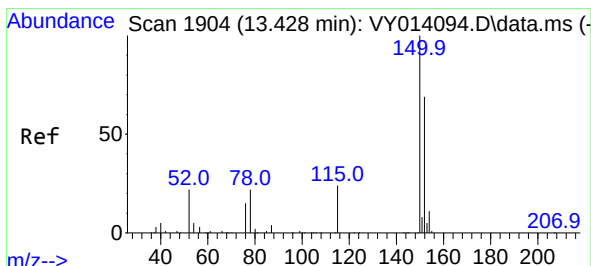
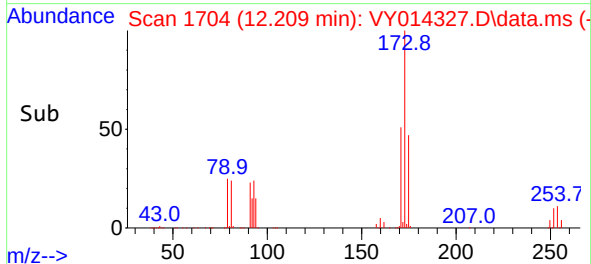
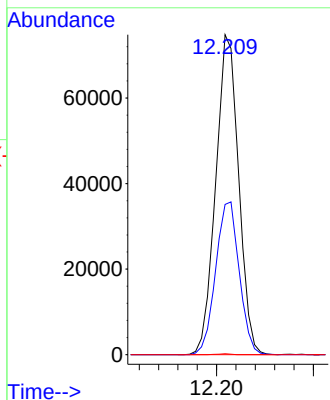
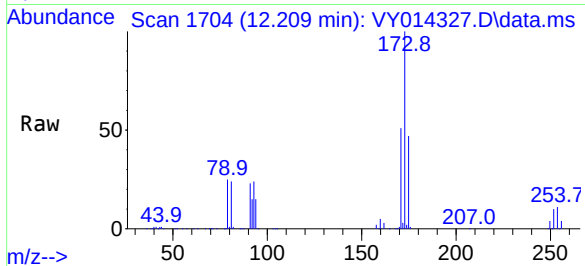




#71
Bromoform
Concen: 59.192 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

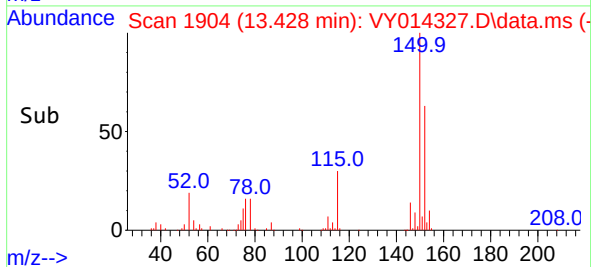
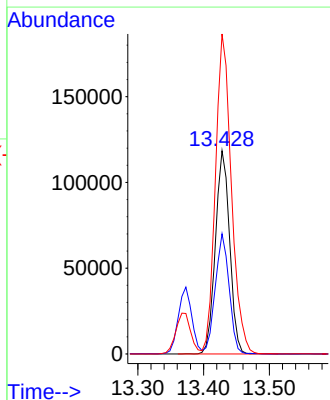
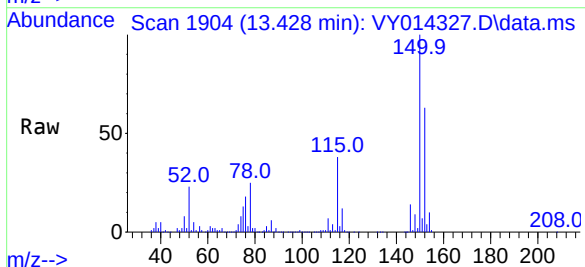
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

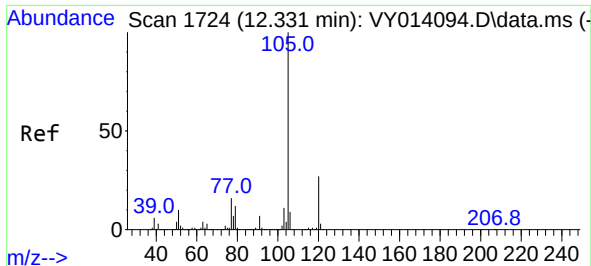
Tgt Ion:173 Resp: 122929
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:152 Resp: 178656
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 176.6 0.0 348.8

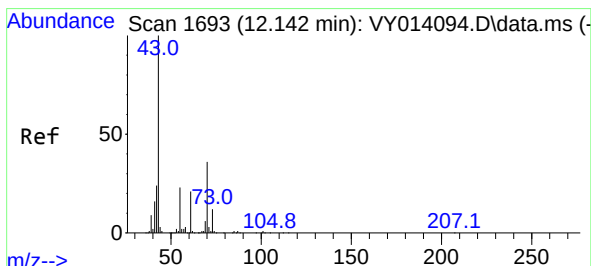
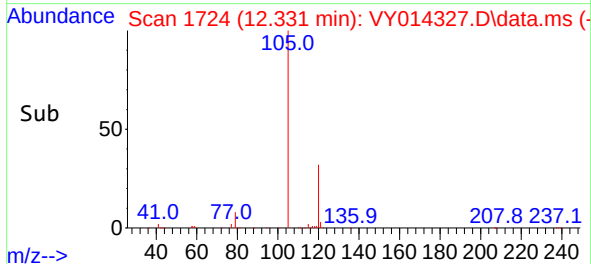
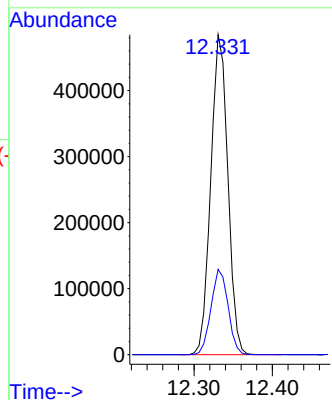
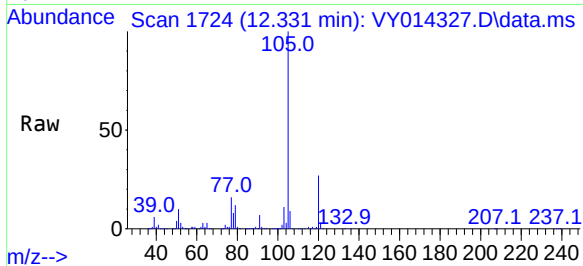




#73
Isopropylbenzene
Concen: 53.688 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

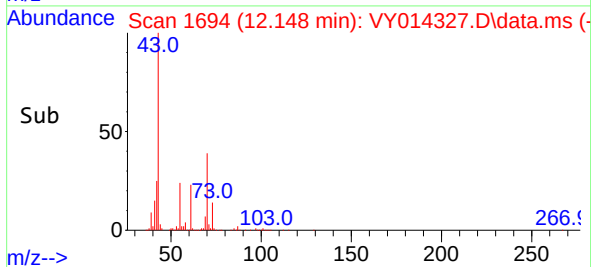
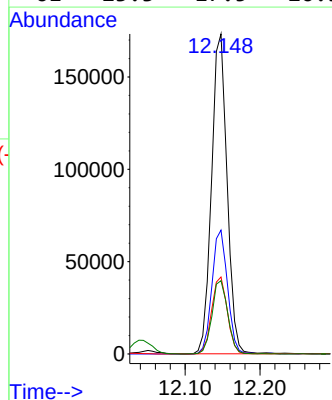
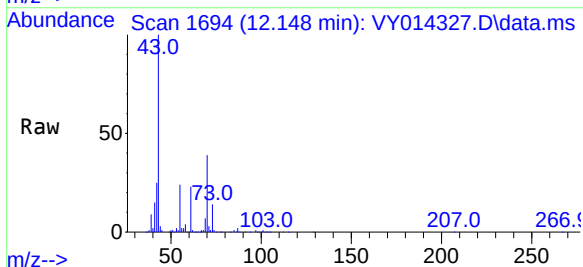
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

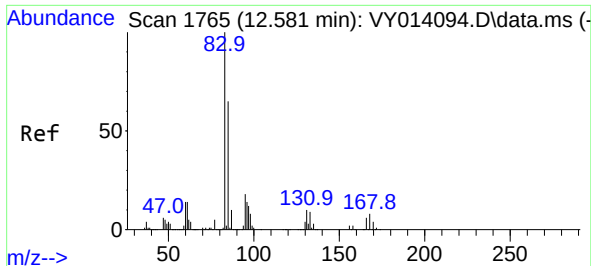
Tgt Ion:105 Resp: 731711
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 57.922 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 43 Resp: 250163
Ion Ratio Lower Upper
43 100
70 38.9 29.7 44.5
55 24.4 18.3 27.5
61 23.3 17.5 26.3

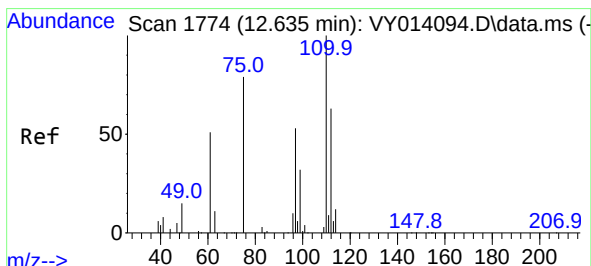
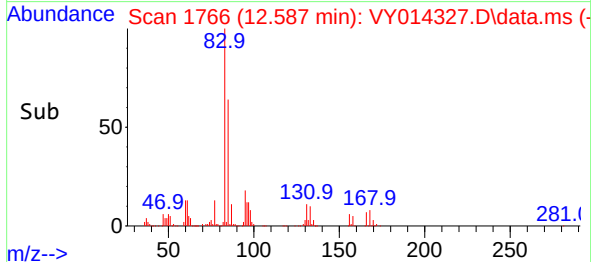
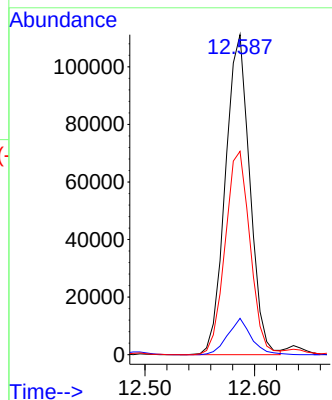
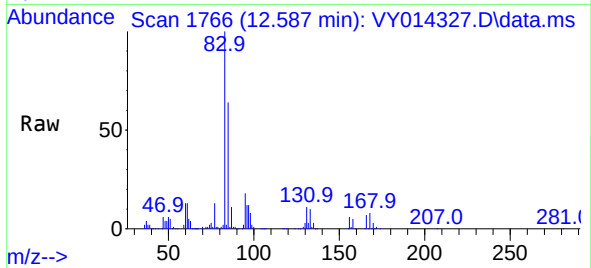




#75
1,1,2,2-Tetrachloroethane
Concen: 56.511 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

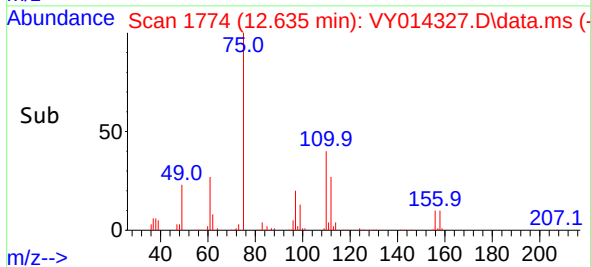
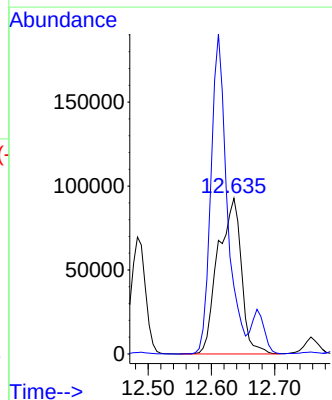
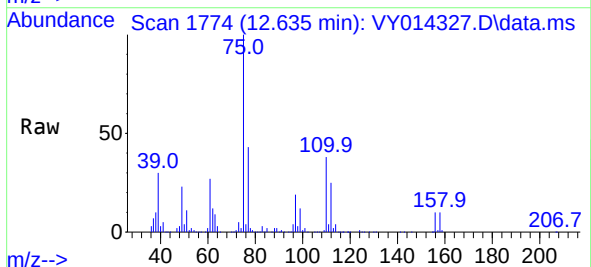
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

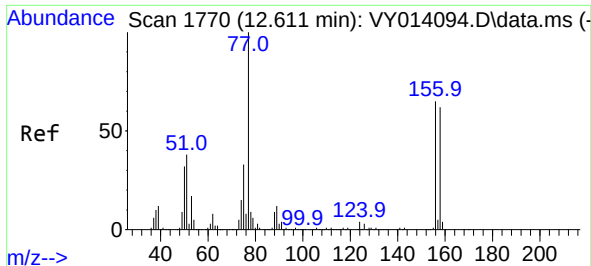
Tgt Ion: 83 Resp: 172096
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 65.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 101.336 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 75 Resp: 237523
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

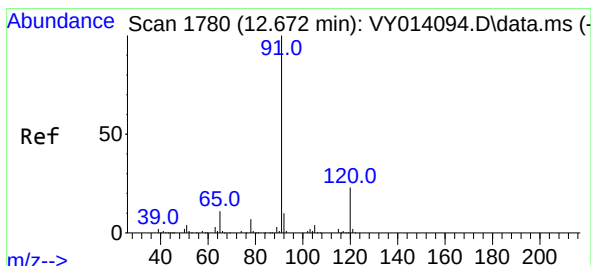
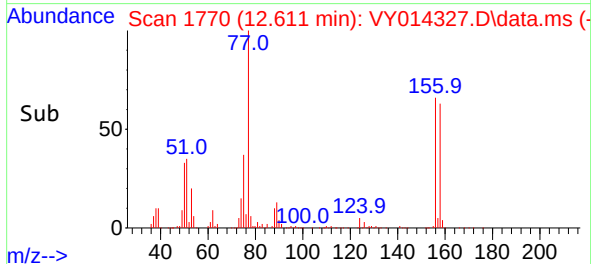
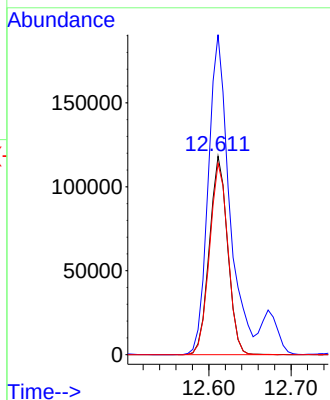
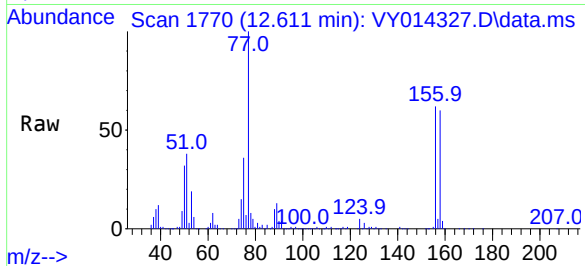




#77
Bromobenzene
Concen: 50.800 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

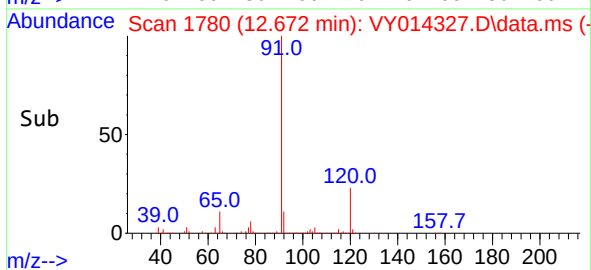
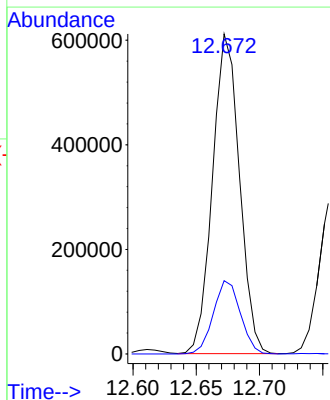
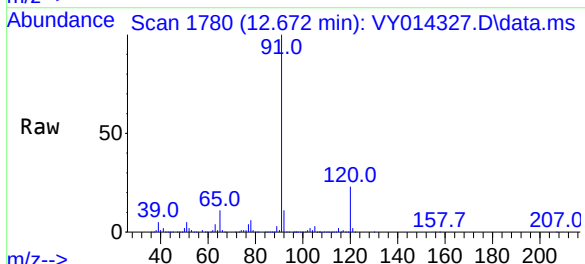
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

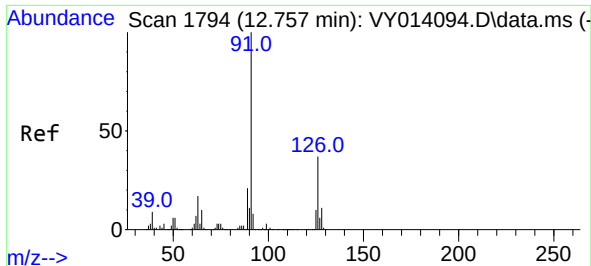
Tgt Ion:156 Resp: 181972
Ion Ratio Lower Upper
156 100
77 186.6 92.8 278.6
158 97.4 48.4 145.3



#78
n-propylbenzene
Concen: 54.325 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 91 Resp: 904336
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

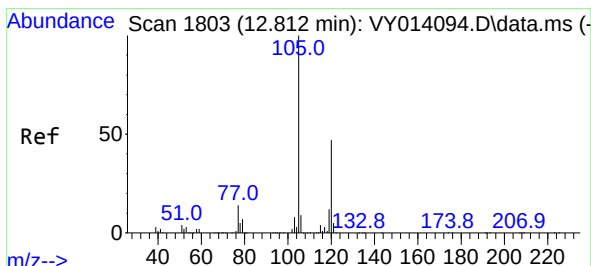
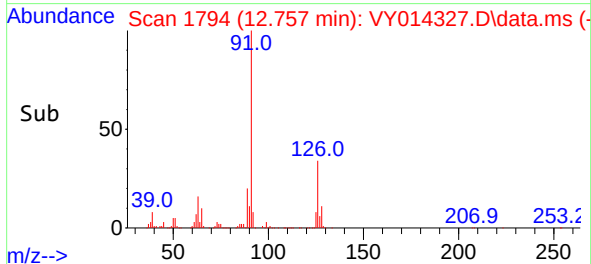
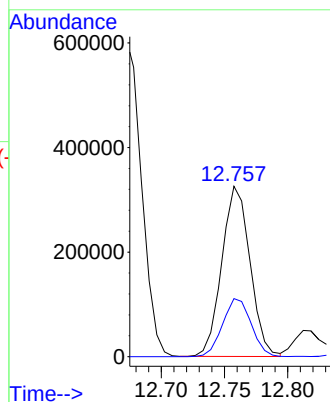
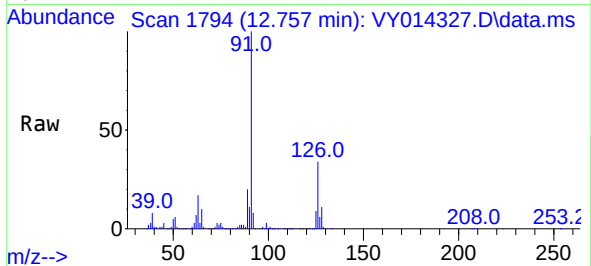




#79
2-Chlorotoluene
Concen: 52.731 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

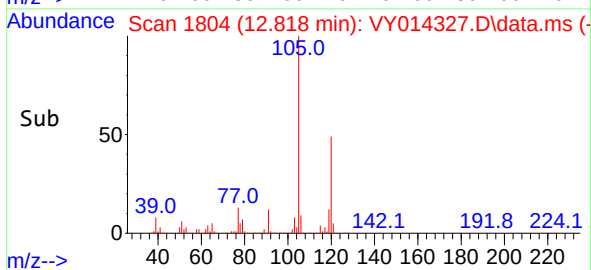
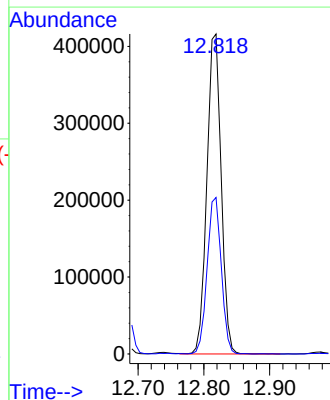
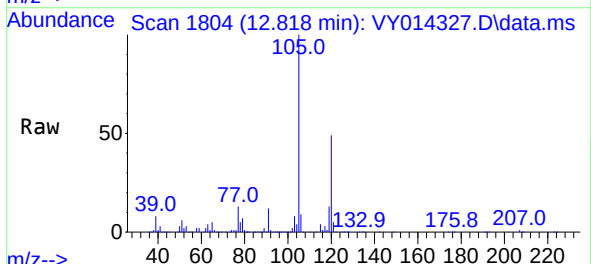
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

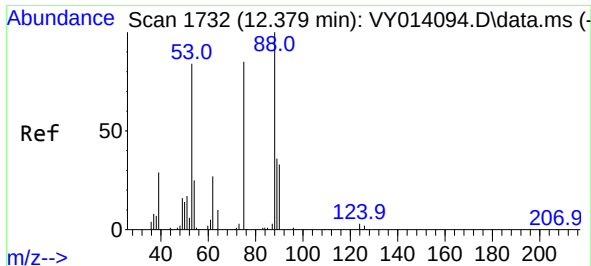
Tgt Ion: 91 Resp: 505079
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 53.844 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:105 Resp: 628351
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

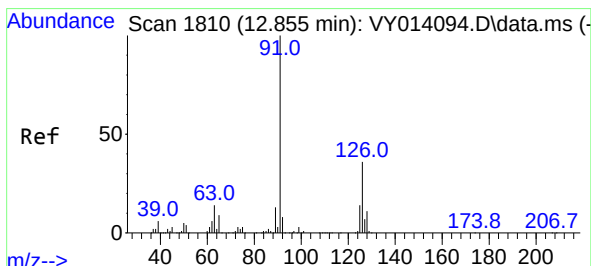
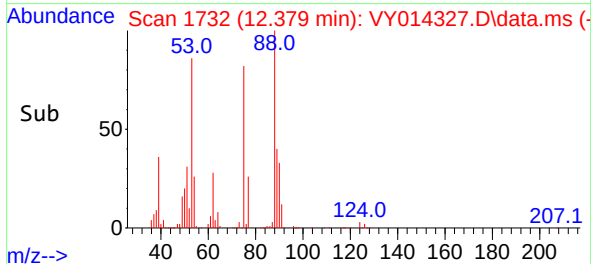
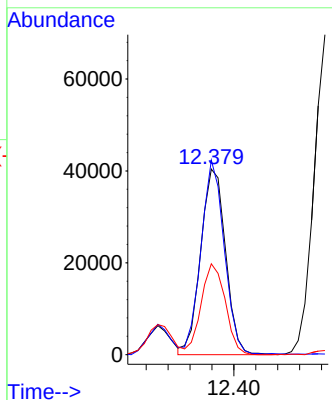
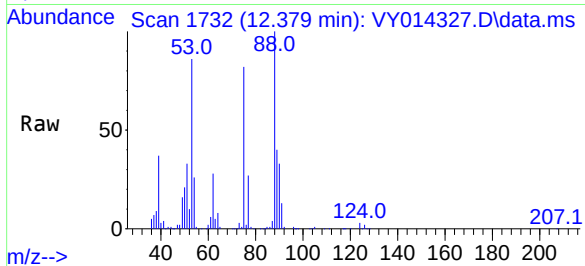




#81
trans-1,4-Dichloro-2-butene
Concen: 58.900 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

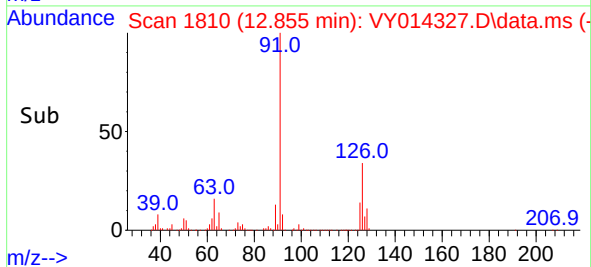
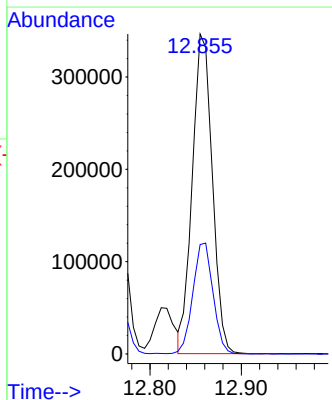
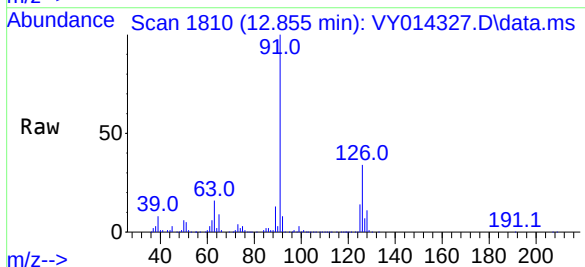
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

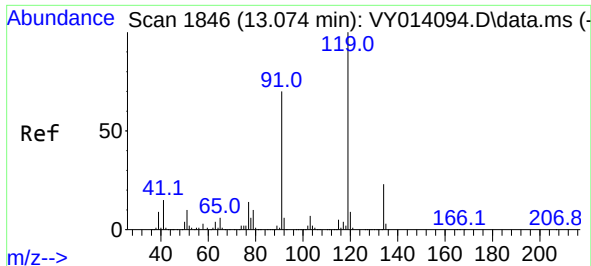
Tgt Ion: 75 Resp: 63868
Ion Ratio Lower Upper
75 100
53 97.6 77.8 116.8
89 47.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.032 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 91 Resp: 528137
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6

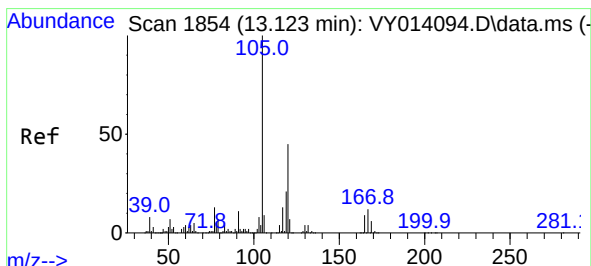
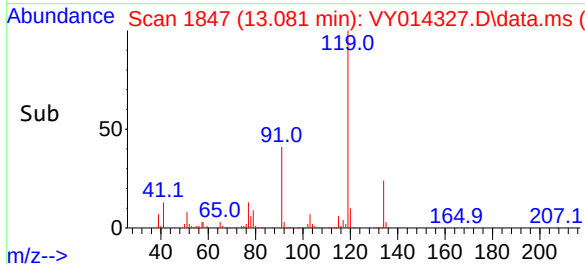
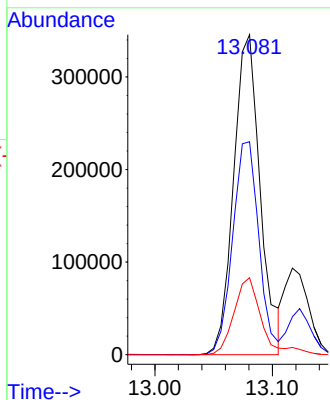
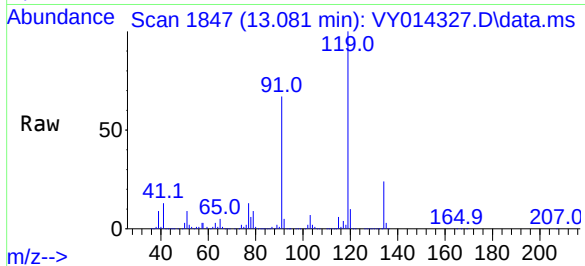




#83
tert-Butylbenzene
Concen: 54.980 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.007 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

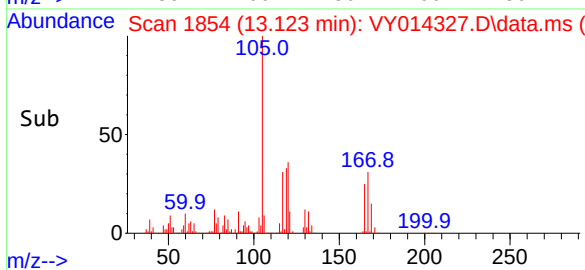
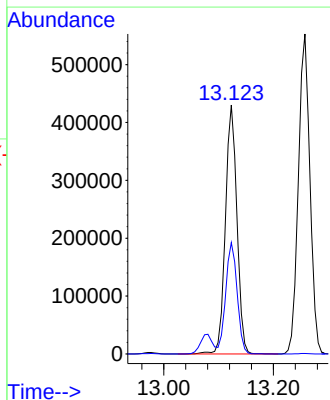
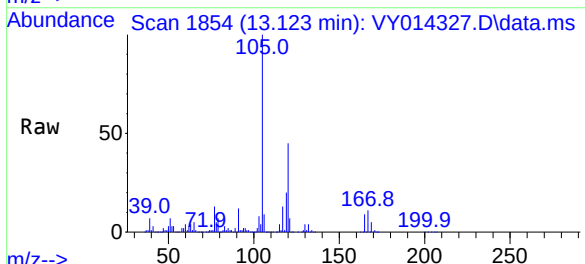
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

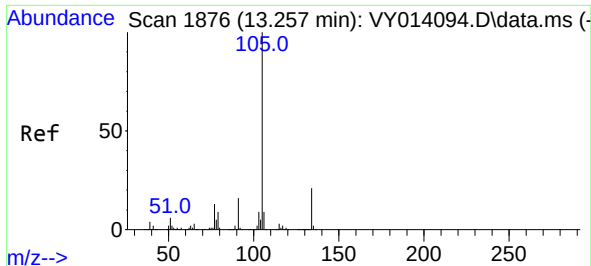
Tgt Ion:119 Resp: 545237
Ion Ratio Lower Upper
119 100
91 65.7 32.9 98.6
134 24.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 54.608 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:105 Resp: 630819
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6

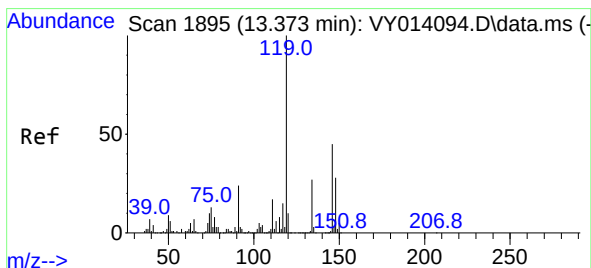
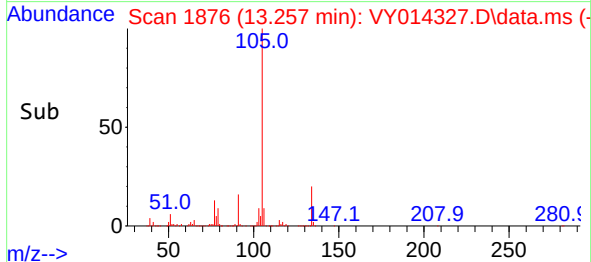
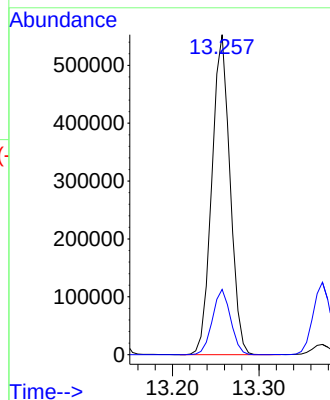
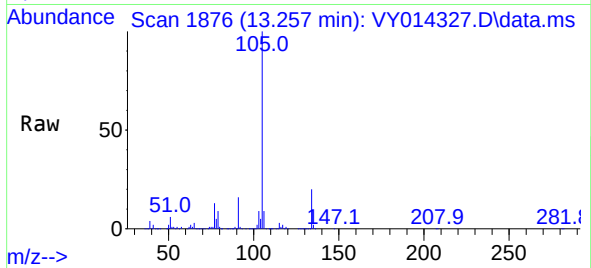




#85
 sec-Butylbenzene
 Concen: 55.856 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY014327.D
 Acq: 21 Jun 2023 10:29

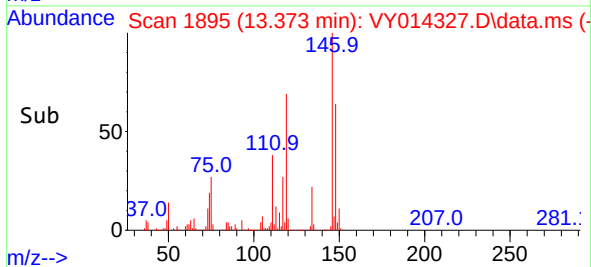
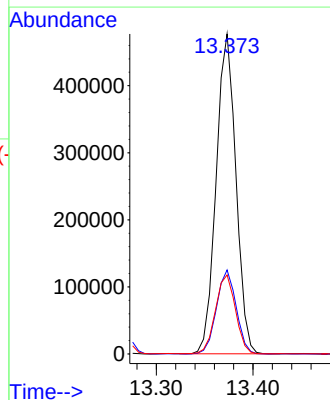
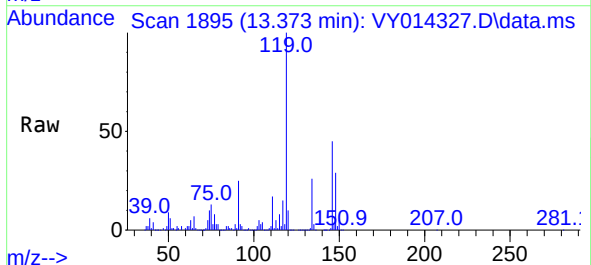
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

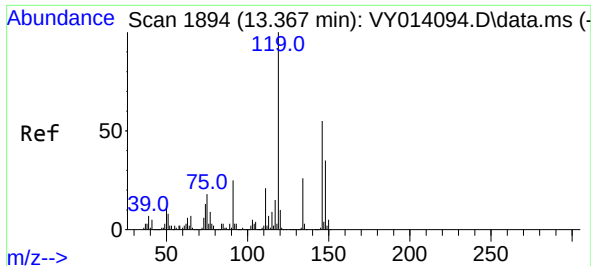
Tgt Ion:105 Resp: 805331
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 54.742 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014327.D
 Acq: 21 Jun 2023 10:29

Tgt Ion:119 Resp: 675484
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.052 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

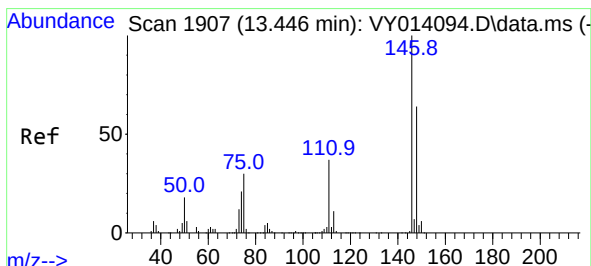
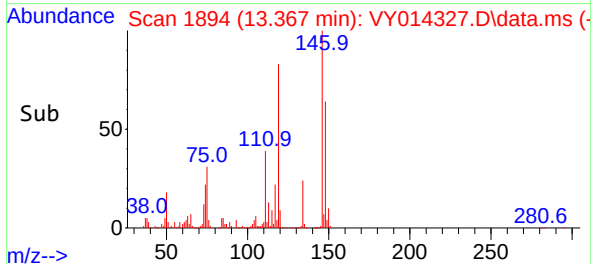
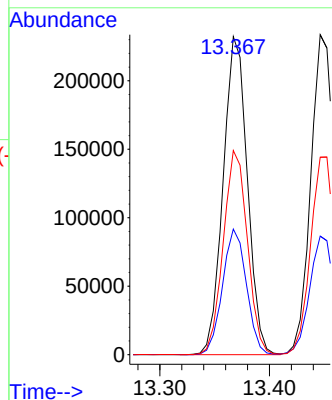
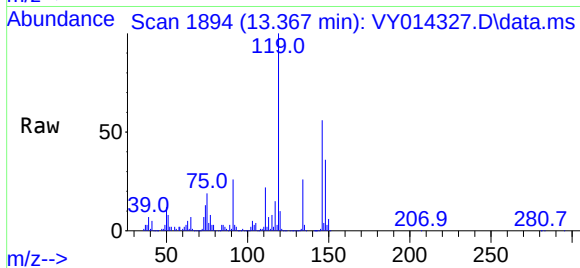
Tgt Ion:146 Resp: 356003

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.709 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

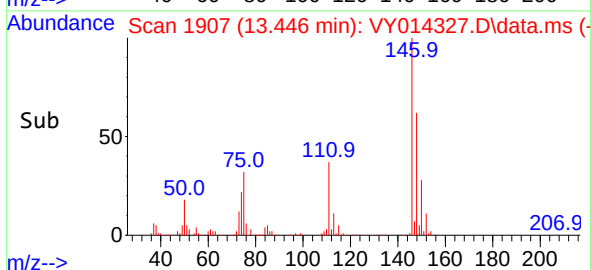
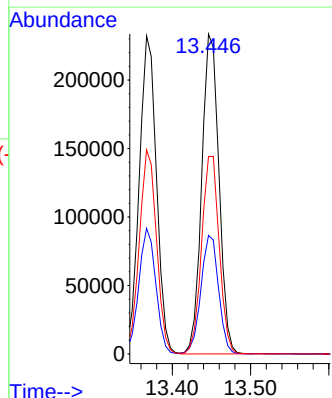
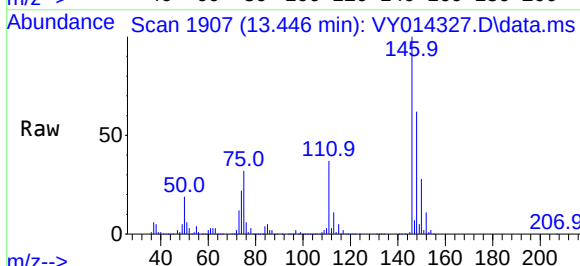
Tgt Ion:146 Resp: 356320

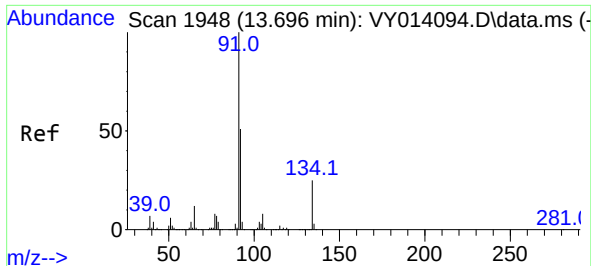
Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 55.636 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014327.D

Acq: 21 Jun 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

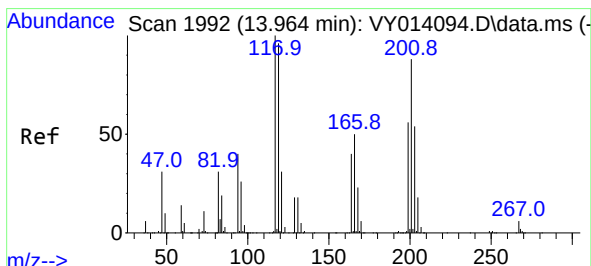
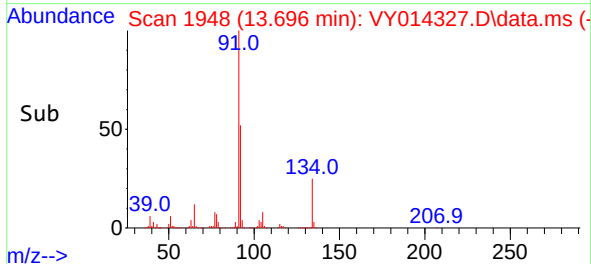
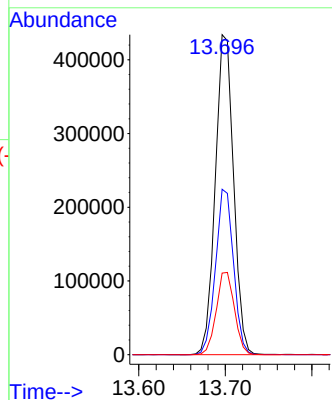
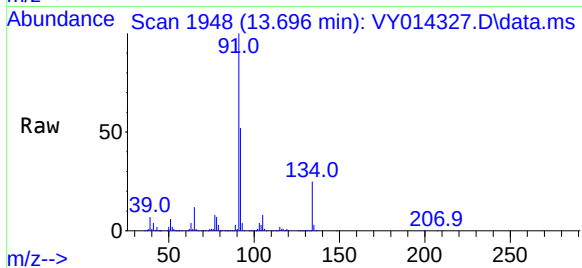
Tgt Ion: 91 Resp: 636748

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.0

134 25.6 12.6 37.6



#90

Hexachloroethane

Concen: 53.269 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014327.D

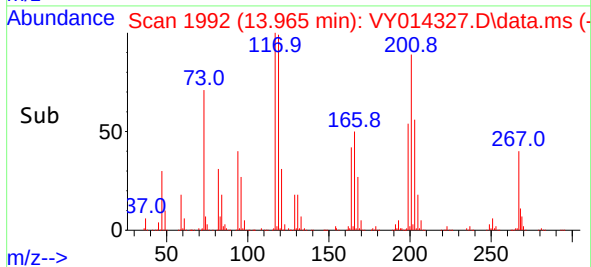
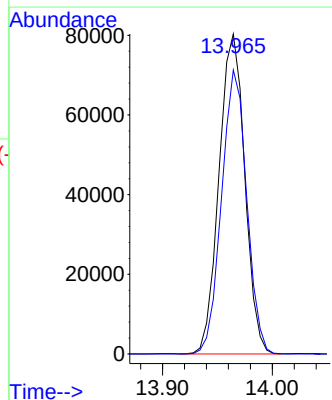
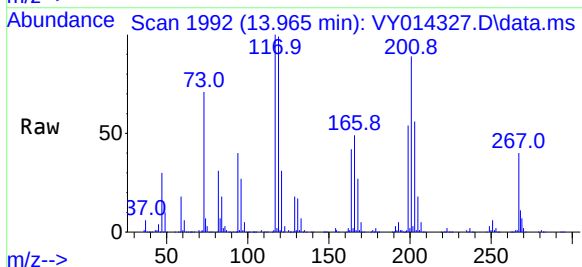
Acq: 21 Jun 2023 10:29

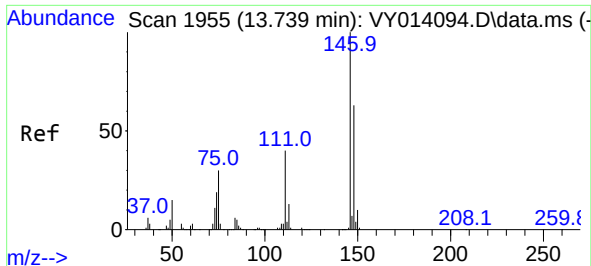
Tgt Ion: 117 Resp: 130978

Ion Ratio Lower Upper

117 100

201 86.7 41.6 124.8

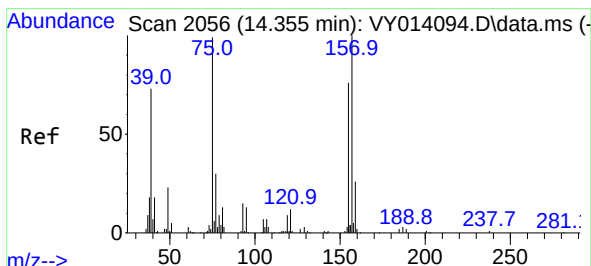
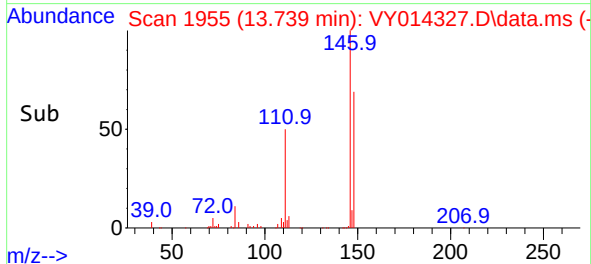
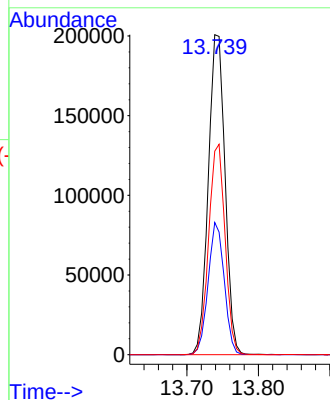
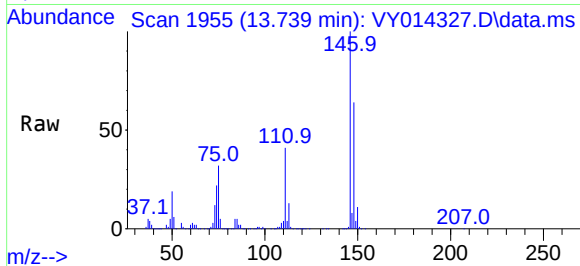




#91
1,2-Dichlorobenzene
Concen: 53.220 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

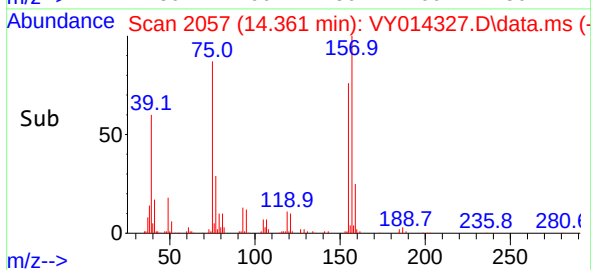
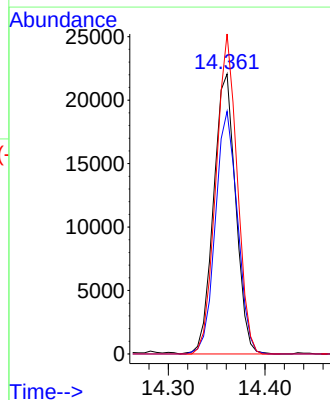
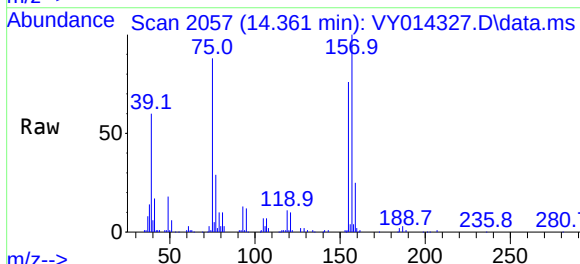
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

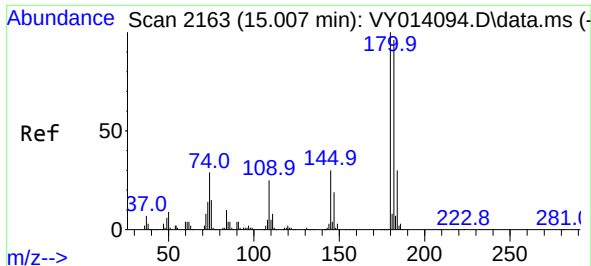
Tgt Ion:146 Resp: 326914
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.0
148 64.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.388 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion: 75 Resp: 35021
Ion Ratio Lower Upper
75 100
155 86.4 41.5 124.6
157 109.4 51.8 155.5

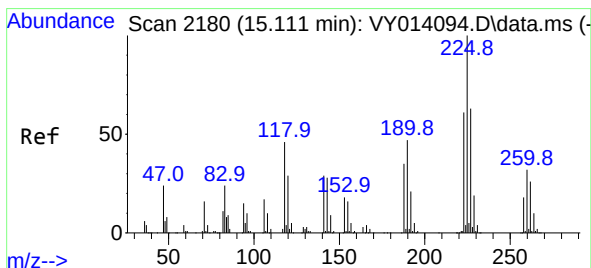
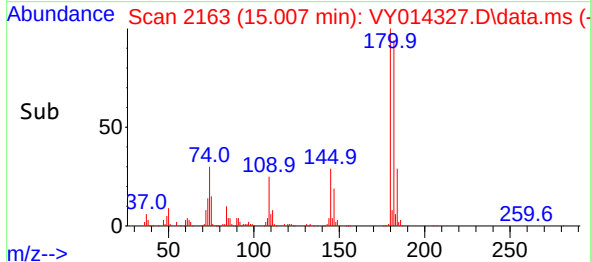
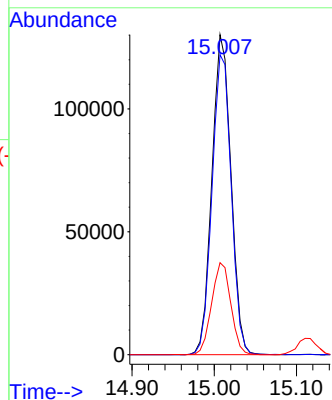
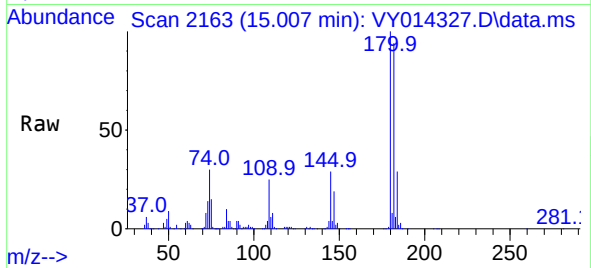




#93
1,2,4-Trichlorobenzene
Concen: 53.849 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

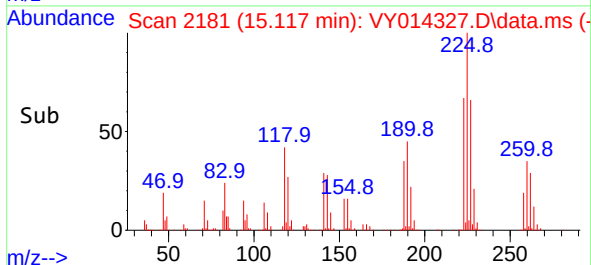
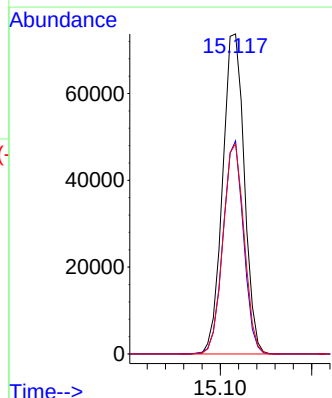
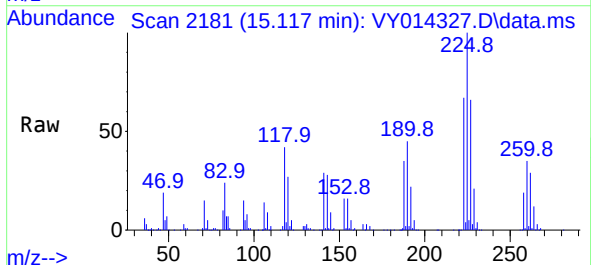
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

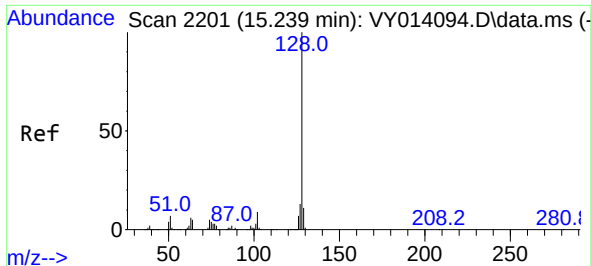
Tgt Ion:180 Resp: 209543
Ion Ratio Lower Upper
180 100
182 94.2 47.0 141.2
145 29.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 54.055 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:225 Resp: 121436
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.9
227 64.1 33.0 98.9

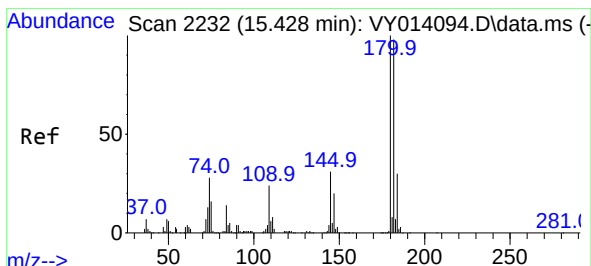
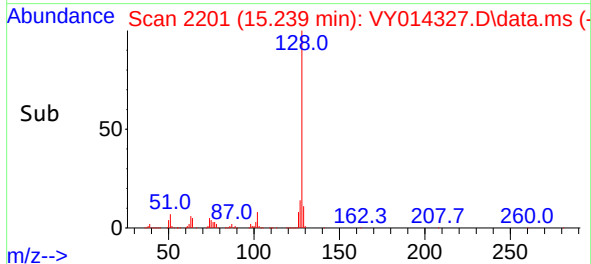
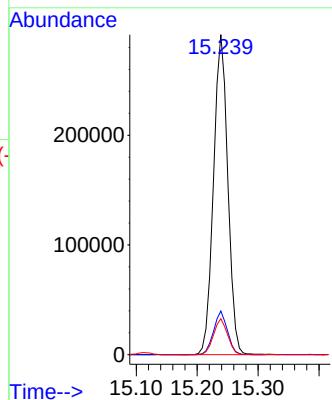
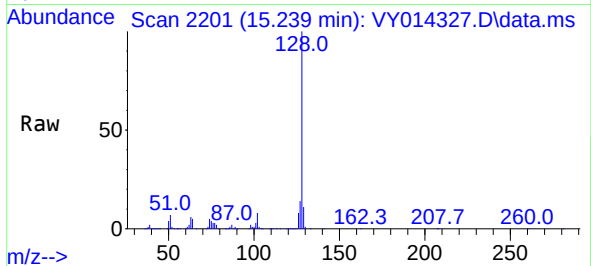




#95
Naphthalene
Concen: 60.120 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128	Resp: 474851
Ion Ratio	Lower Upper
128 100	
127 13.2	10.8 16.2
129 11.0	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.116 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014327.D
Acq: 21 Jun 2023 10:29

Tgt Ion:180	Resp: 190286
Ion Ratio	Lower Upper
180 100	
182 95.0	47.3 141.8
145 31.3	15.4 46.2

