

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021346.D
 Acq On : 27 Feb 2025 10:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 00:39:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	216838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	336652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	146841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121017	49.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.634	113	112378	50.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.840%
50) Toluene-d8	10.109	98	424430	49.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.408	95	142970	49.803	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89451	43.510	ug/l	96
3) Chloromethane	2.068	50	115226	43.398	ug/l	98
4) Vinyl Chloride	2.202	62	120087	46.080	ug/l	98
5) Bromomethane	2.592	94	76928	44.421	ug/l	99
6) Chloroethane	2.733	64	76655	47.433	ug/l	99
7) Trichlorofluoromethane	3.056	101	185757	47.198	ug/l	96
8) Diethyl Ether	3.452	74	57510	48.685	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	104835	46.008	ug/l	99
10) Methyl Iodide	4.001	142	123304	51.435	ug/l	99
11) Tert butyl alcohol	4.860	59	38335	202.609	ug/l	99
12) 1,1-Dichloroethene	3.787	96	101275	46.418	ug/l	94
13) Acrolein	3.647	56	8893	61.335	ug/l	94
14) Allyl chloride	4.379	41	177389	45.858	ug/l	99
15) Acrylonitrile	5.055	53	122583	234.709	ug/l	100
16) Acetone	3.866	43	116573	247.053	ug/l	96
17) Carbon Disulfide	4.104	76	333979	46.099	ug/l	99
18) Methyl Acetate	4.385	43	55015	47.708	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	282838	49.066	ug/l	100
20) Methylene Chloride	4.610	84	113459	44.466	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	115652	48.151	ug/l	98
22) Diisopropyl ether	6.019	45	377852	47.204	ug/l	98
23) Vinyl Acetate	5.958	43	1144384	239.240	ug/l	100
24) 1,1-Dichloroethane	5.915	63	211938	46.976	ug/l	99
25) 2-Butanone	6.890	43	168838	237.086	ug/l	96
26) 2,2-Dichloropropane	6.878	77	190004	46.413	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	133307	48.604	ug/l	97
28) Bromochloromethane	7.244	49	98374	49.278	ug/l	98
29) Tetrahydrofuran	7.256	42	109505	235.247	ug/l	99
30) Chloroform	7.421	83	216589	47.377	ug/l	99
31) Cyclohexane	7.701	56	185986	42.885	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	196015	47.106	ug/l	99
36) 1,1-Dichloropropene	7.835	75	155190	46.810	ug/l	99
37) Ethyl Acetate	6.982	43	76874	46.614	ug/l	98
38) Carbon Tetrachloride	7.817	117	176563	47.372	ug/l	100
39) Methylcyclohexane	9.109	83	191303	45.621	ug/l	99
40) Benzene	8.079	78	465038	47.451	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	41275	44.764	ug/l	91
42) 1,2-Dichloroethane	8.158	62	135785	48.834	ug/l	100
43) Isopropyl Acetate	8.195	43	150377	47.110	ug/l #	86
44) Trichloroethene	8.866	130	117718	47.977	ug/l	98
45) 1,2-Dichloropropane	9.140	63	111459	47.258	ug/l	98
46) Dibromomethane	9.231	93	62998	48.866	ug/l	99
47) Bromodichloromethane	9.420	83	168603	49.049	ug/l	99
48) Methyl methacrylate	9.219	41	70974	47.548	ug/l	96
49) 1,4-Dioxane	9.225	88	14834	1034.825	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	397113	243.033	ug/l	99
52) Toluene	10.170	92	295469	48.531	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	155924	49.509	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	180216	48.471	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	80212	47.760	ug/l	97
56) Ethyl methacrylate	10.438	69	118449	51.042	ug/l	97
57) 1,3-Dichloropropane	10.719	76	143446	48.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	268918	241.429	ug/l	99
59) 2-Hexanone	10.762	43	264507	246.484	ug/l	98
60) Dibromochloromethane	10.908	129	112424	49.151	ug/l	100
61) 1,2-Dibromoethane	11.018	107	76619	48.188	ug/l	97
64) Tetrachloroethene	10.646	164	103607	45.972	ug/l	98
65) Chlorobenzene	11.444	112	318660	47.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112125	47.843	ug/l	99
67) Ethyl Benzene	11.518	91	568987	47.994	ug/l	99
68) m/p-Xylenes	11.627	106	424503	95.197	ug/l	99
69) o-Xylene	11.957	106	201012	48.118	ug/l	98
70) Styrene	11.969	104	338828	48.749	ug/l	100
71) Bromoform	12.133	173	65877	49.136	ug/l #	100
73) Isopropylbenzene	12.255	105	534388	48.407	ug/l	100
74) N-amyl acetate	12.072	43	137883	49.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	93722	48.104	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	124640	84.800	ug/l #	100
77) Bromobenzene	12.530	156	124444	48.465	ug/l	98
78) n-propylbenzene	12.597	91	643447	48.033	ug/l	100
79) 2-Chlorotoluene	12.682	91	366017	47.609	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	439469	48.538	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	32102	48.545	ug/l	98
82) 4-Chlorotoluene	12.780	91	381031	47.811	ug/l	100
83) tert-Butylbenzene	12.999	119	389054	47.569	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	438264	48.670	ug/l	99
85) sec-Butylbenzene	13.176	105	563465	47.165	ug/l	100
86) p-Isopropyltoluene	13.292	119	475557	47.673	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	238997	47.054	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	234683	46.771	ug/l	100
89) n-Butylbenzene	13.621	91	447227	47.641	ug/l	100
90) Hexachloroethane	13.883	117	95176	45.677	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	212743	47.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14541	47.180	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	127990	47.123	ug/l	99
94) Hexachlorobutadiene	15.029	225	76423	44.693	ug/l	100
95) Naphthalene	15.145	128	219783	48.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	108446	47.257	ug/l	100

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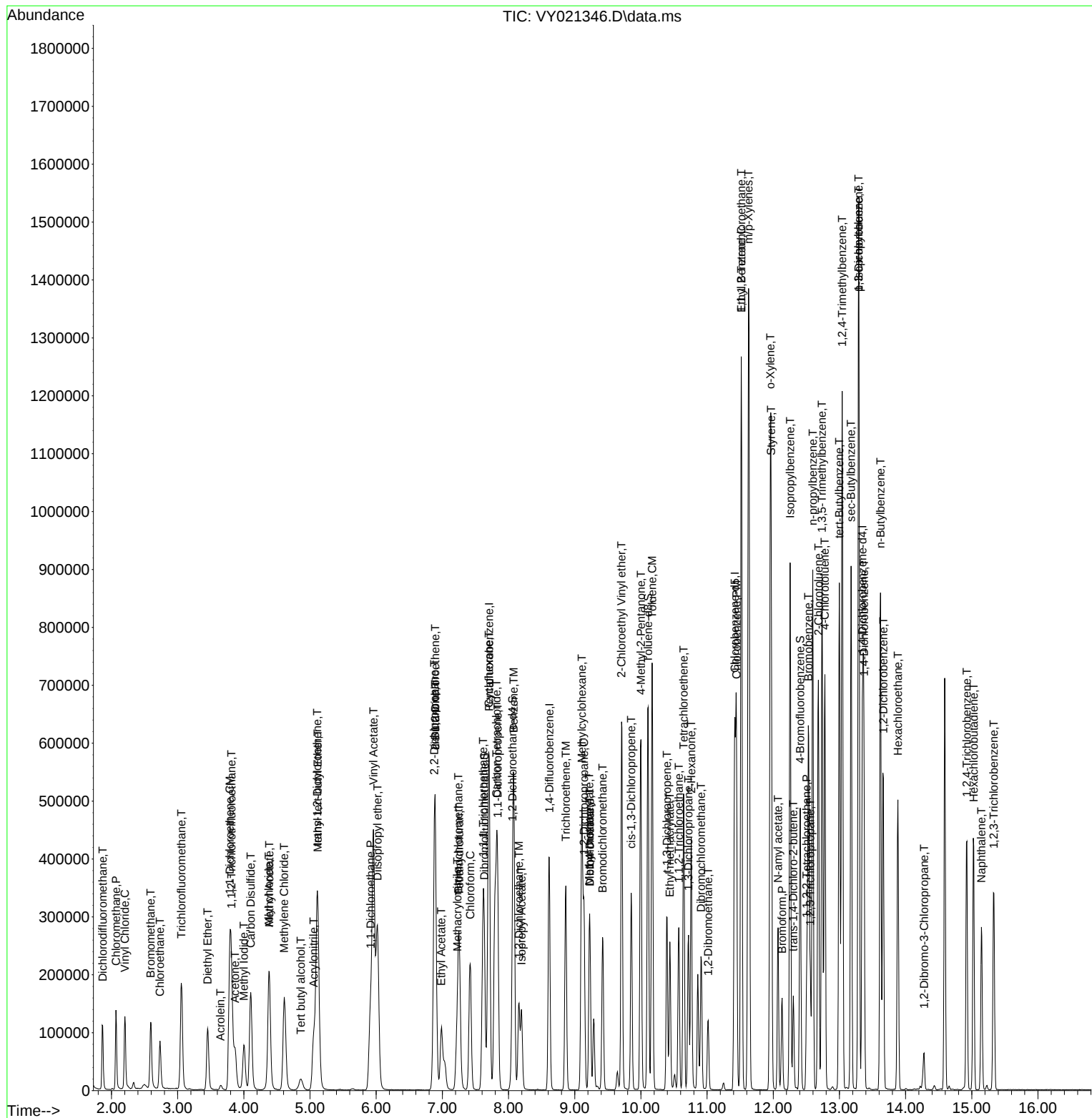
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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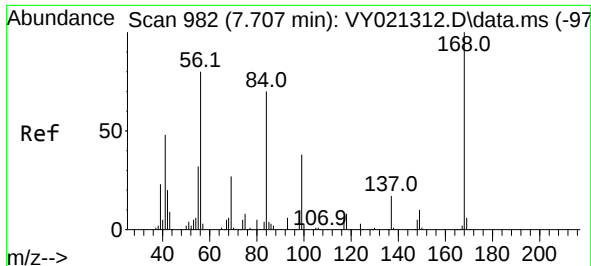
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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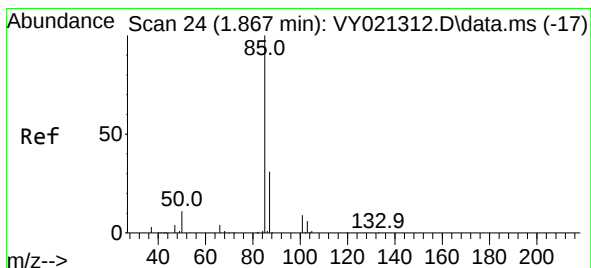
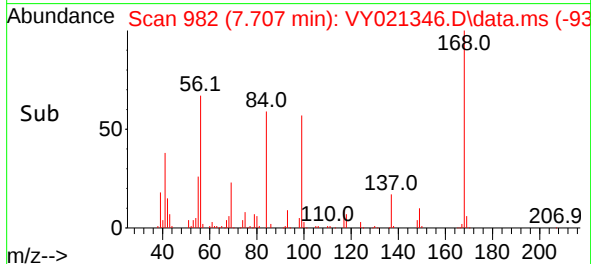
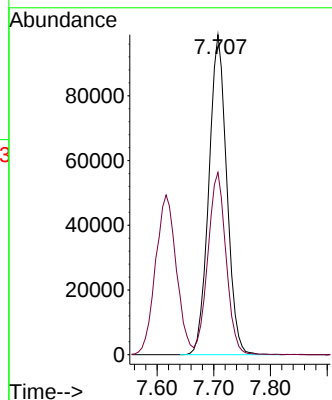
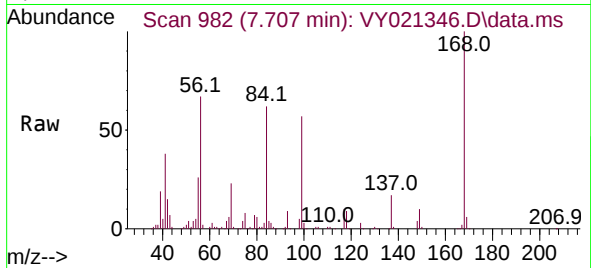




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021346.D
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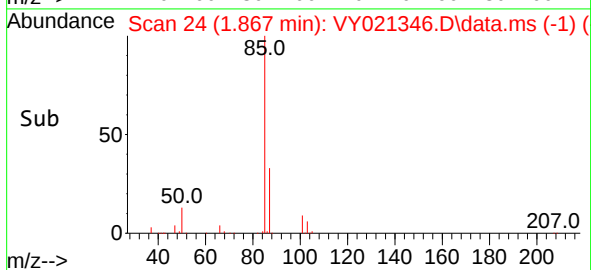
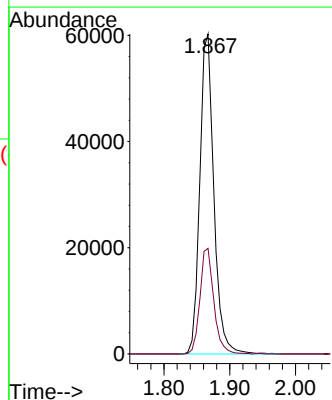
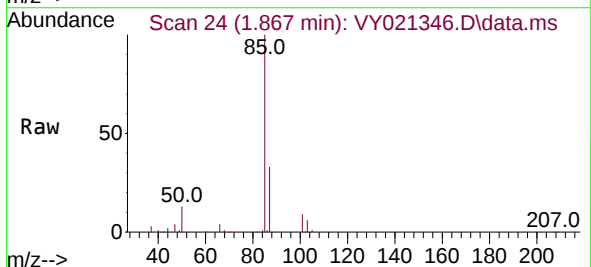
Instrument :
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ClientSampleId :
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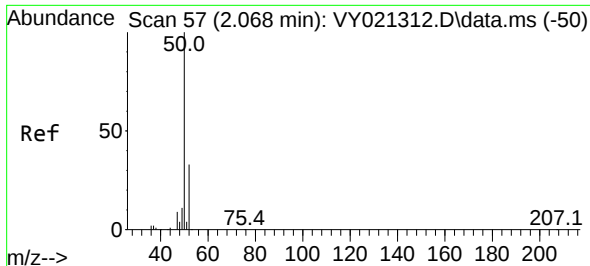
Tgt Ion:168 Resp: 216838
Ion Ratio Lower Upper
168 100
99 56.9 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 43.510 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 85 Resp: 89451
Ion Ratio Lower Upper
85 100
87 33.0 15.4 46.4

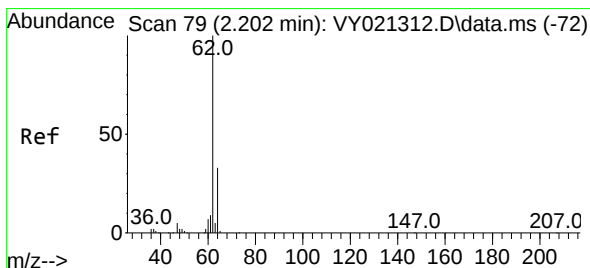
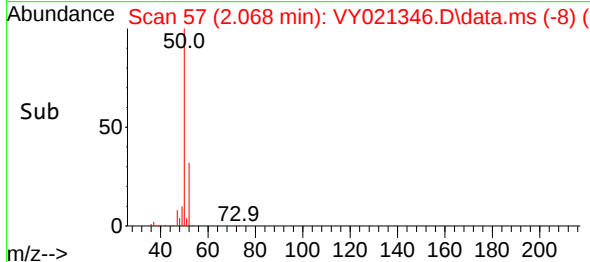
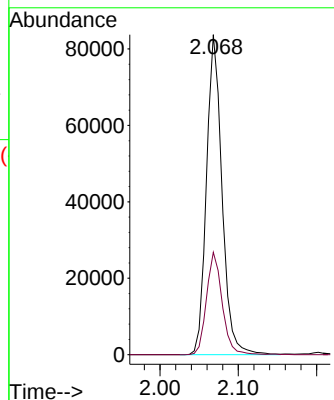
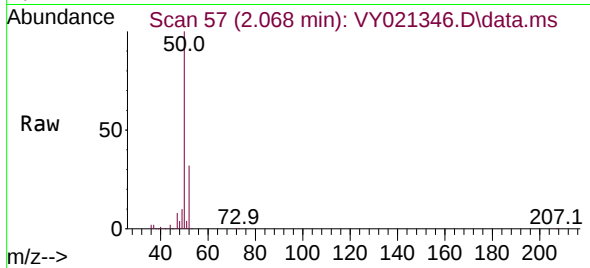




#3
Chloromethane
Concen: 43.398 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

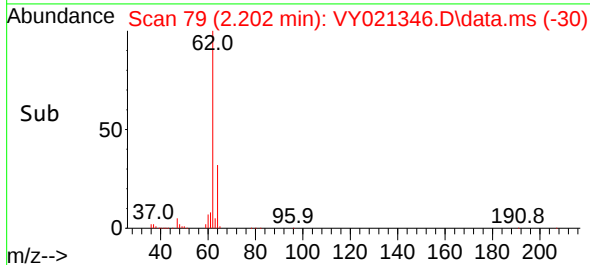
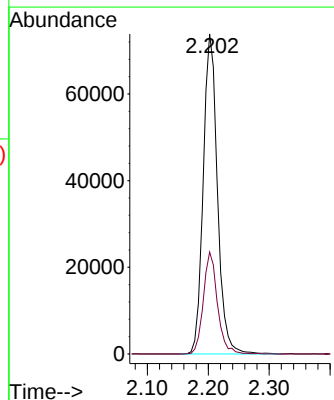
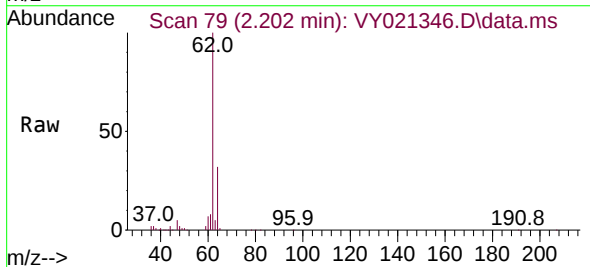
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 115226
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 46.080 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 62 Resp: 120087
Ion Ratio Lower Upper
62 100
64 31.9 26.3 39.5

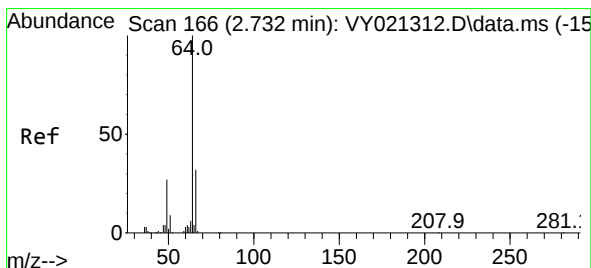
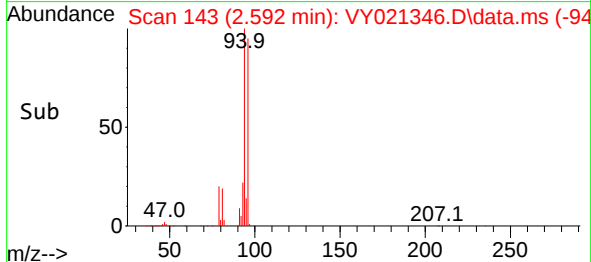
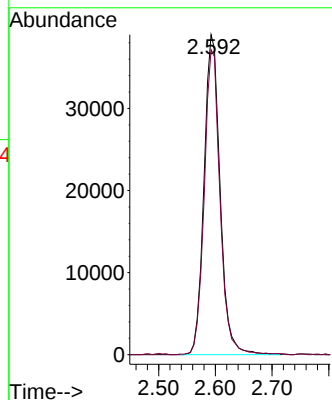
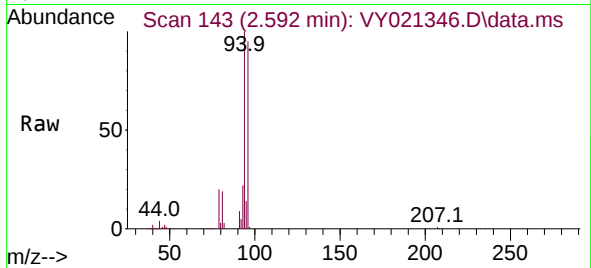




#5
Bromomethane
Concen: 44.421 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021346.D
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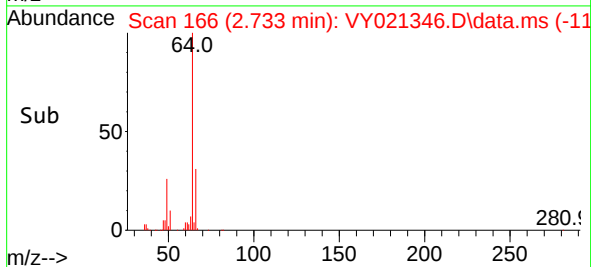
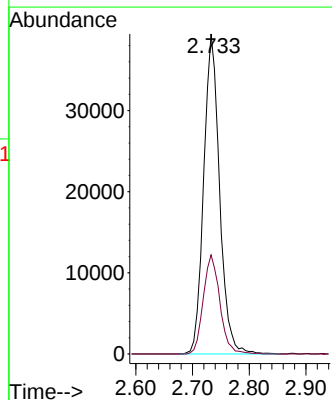
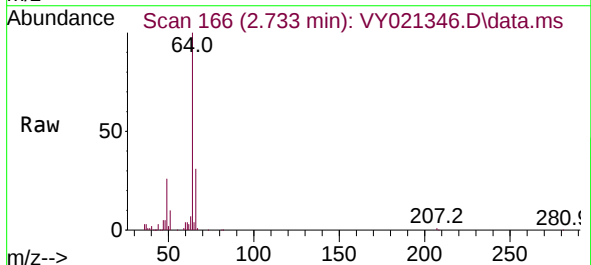
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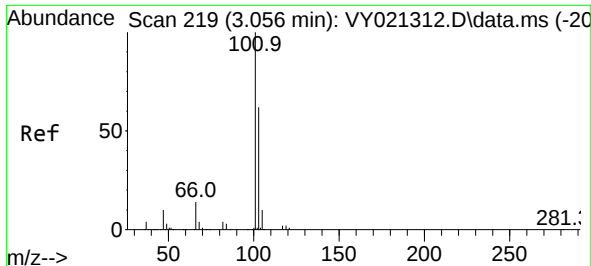
Tgt Ion: 94 Resp: 76928
Ion Ratio Lower Upper
94 100
96 95.1 75.2 112.8



#6
Chloroethane
Concen: 47.433 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021346.D
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Tgt Ion: 64 Resp: 76655
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0

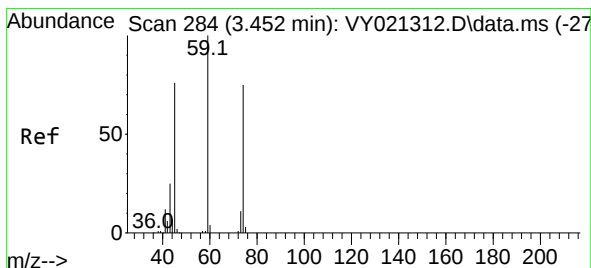
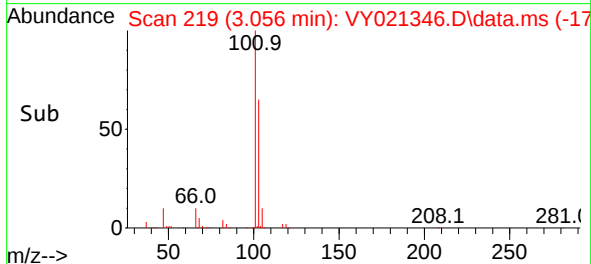
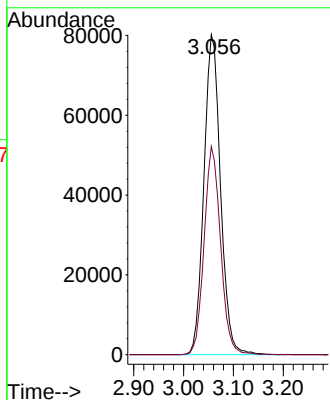
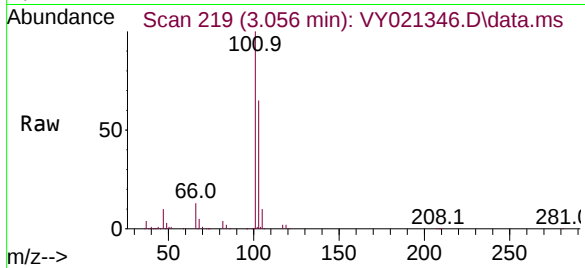




#7
 Trichlorofluoromethane
 Concen: 47.198 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021346.D
 Acq: 27 Feb 2025 10:13

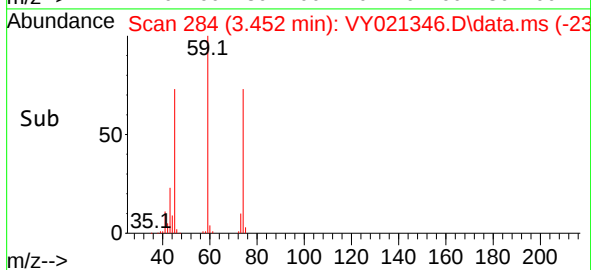
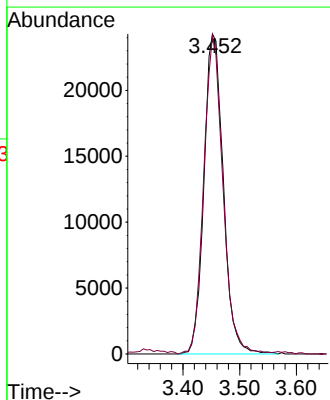
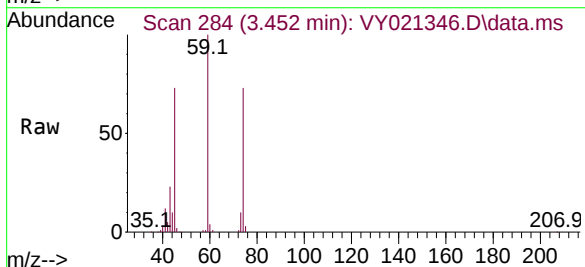
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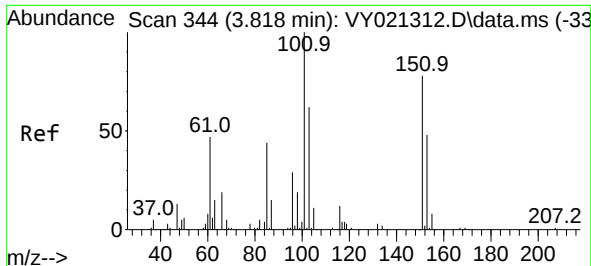
Tgt Ion:101 Resp: 185757
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.7 74.5



#8
 Diethyl Ether
 Concen: 48.685 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021346.D
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Tgt Ion: 74 Resp: 57510
 Ion Ratio Lower Upper
 74 100
 45 99.0 50.3 150.9

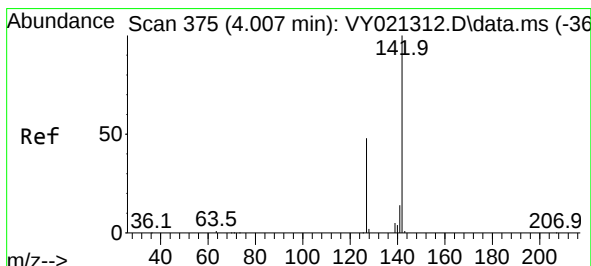
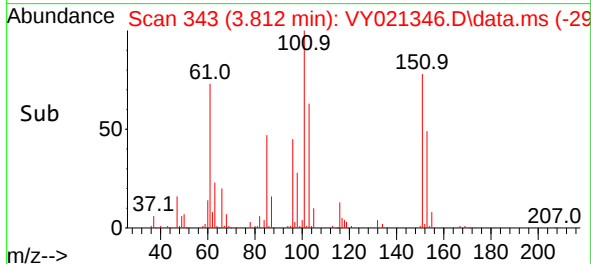
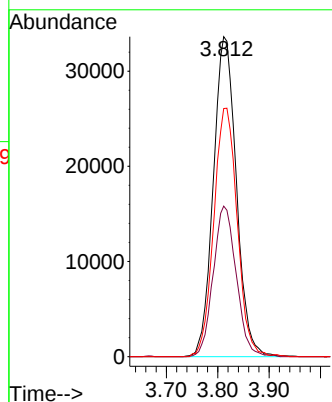
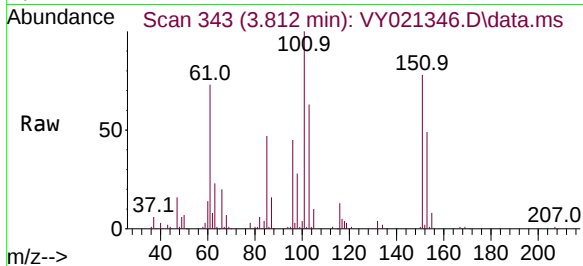




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.008 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

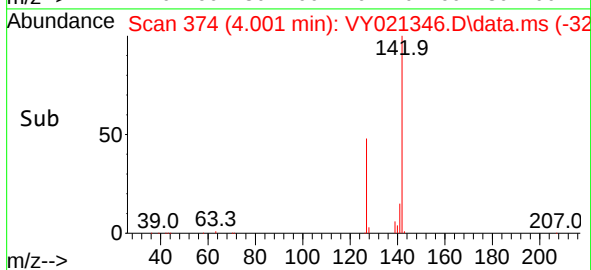
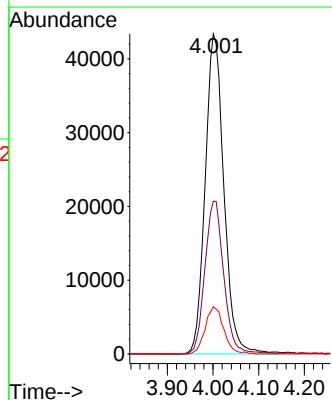
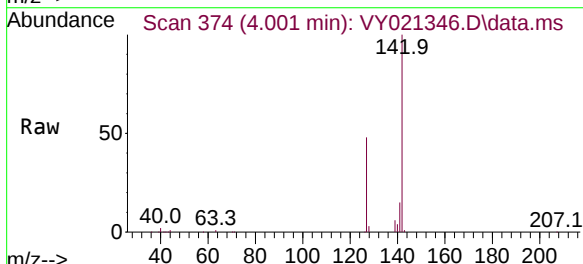
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

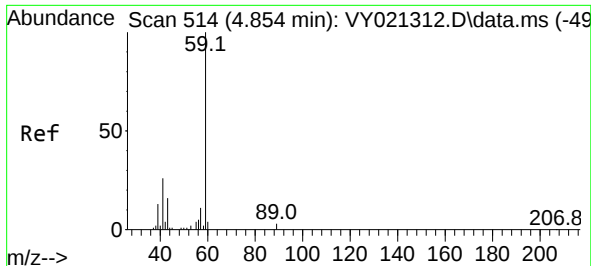
Tgt Ion:101 Resp: 104835
Ion Ratio Lower Upper
101 100
85 47.0 36.7 55.1
151 78.8 62.6 94.0



#10
Methyl Iodide
Concen: 51.435 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion:142 Resp: 123304
Ion Ratio Lower Upper
142 100
127 48.2 39.2 58.8
141 14.6 11.4 17.2

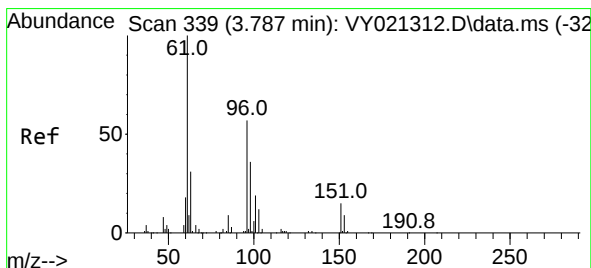
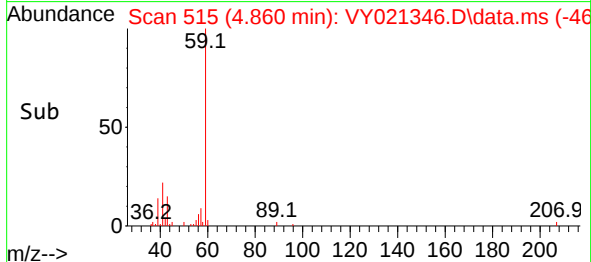
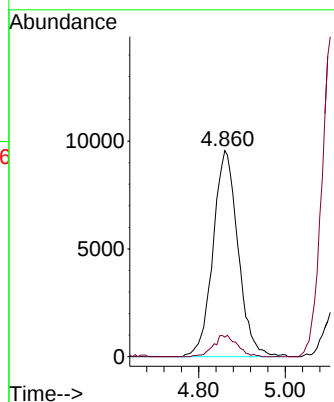
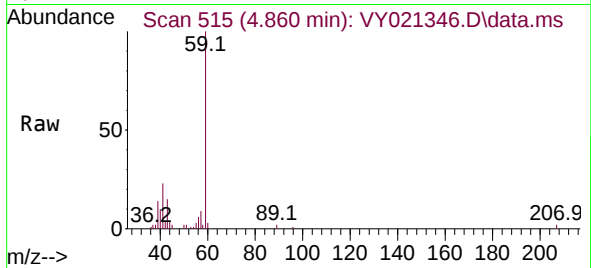




#11
Tert butyl alcohol
Concen: 202.609 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

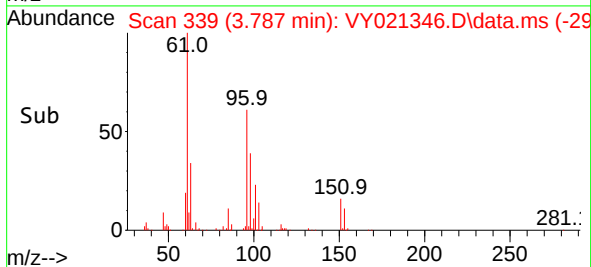
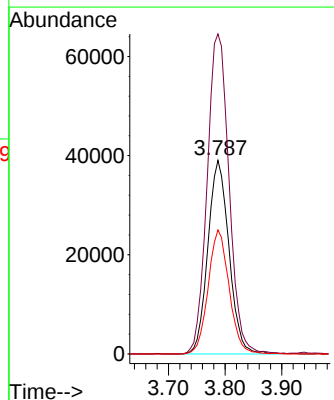
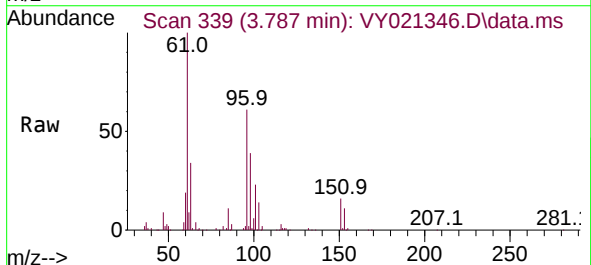
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

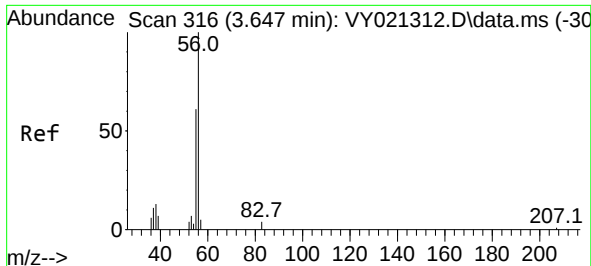
Tgt Ion: 59 Resp: 38335
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.418 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 96 Resp: 101275
Ion Ratio Lower Upper
96 100
61 165.3 139.7 209.5
98 64.1 49.7 74.5

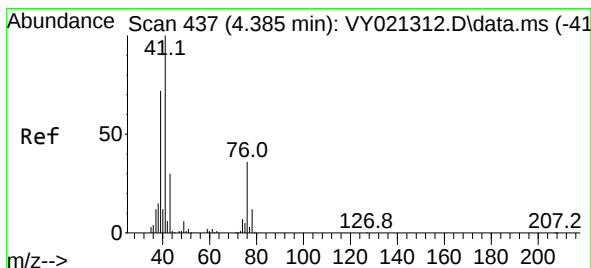
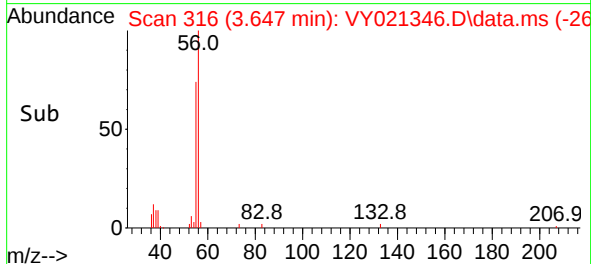
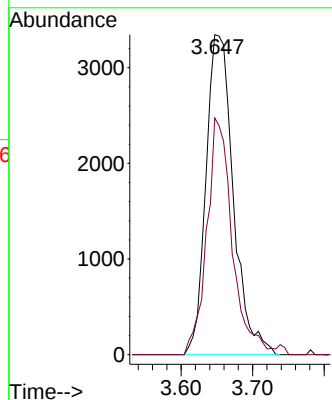
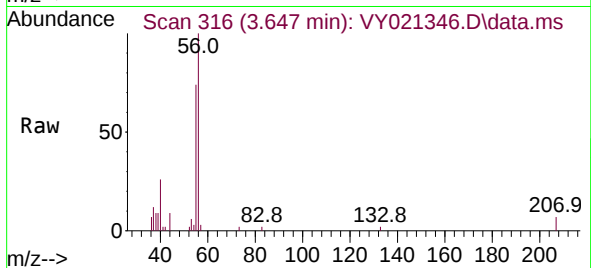




#13
Acrolein
Concen: 61.335 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

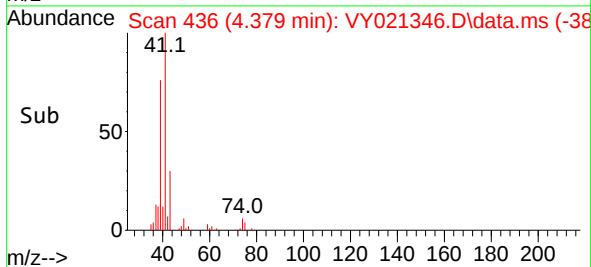
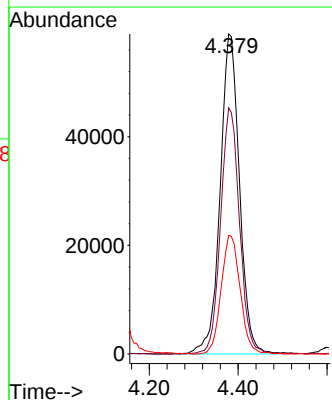
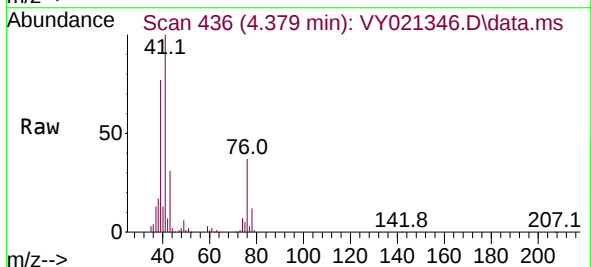
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

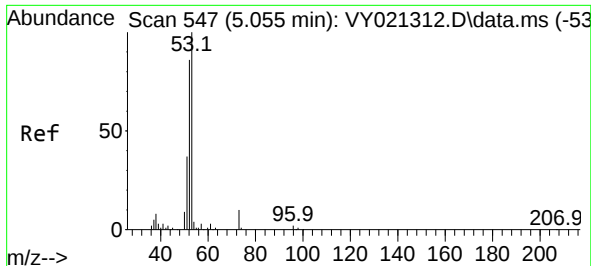
Tgt Ion: 56 Resp: 8893
Ion Ratio Lower Upper
56 100
55 68.9 59.0 88.6



#14
Allyl chloride
Concen: 45.858 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 41 Resp: 177389
Ion Ratio Lower Upper
41 100
39 75.5 60.0 90.0
76 36.5 29.0 43.6

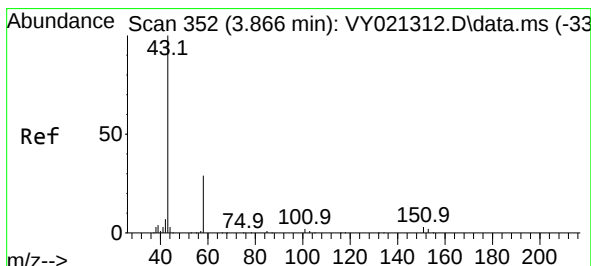
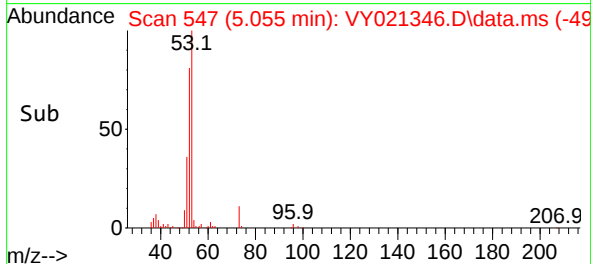
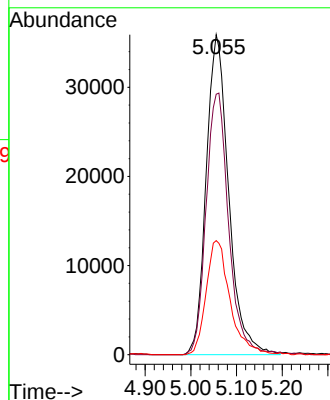
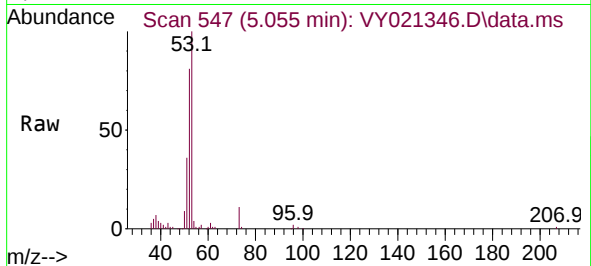




#15
Acrylonitrile
Concen: 234.709 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

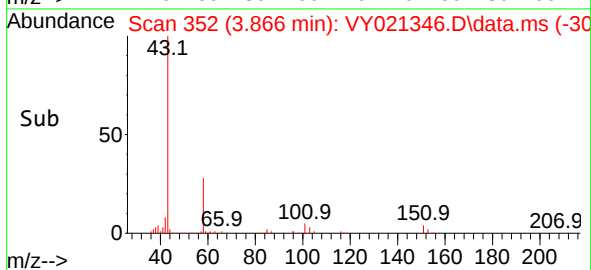
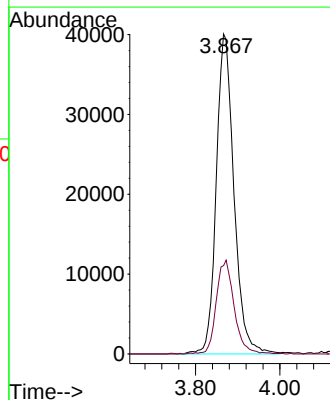
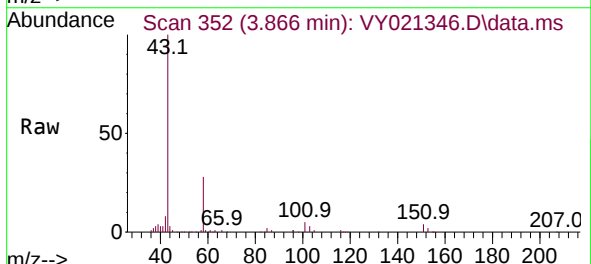
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 122583
Ion Ratio Lower Upper
53 100
52 82.2 65.5 98.3
51 37.9 30.6 46.0



#16
Acetone
Concen: 247.053 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 43 Resp: 116573
Ion Ratio Lower Upper
43 100
58 27.4 23.5 35.3

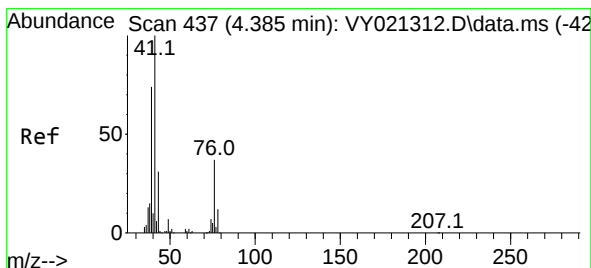
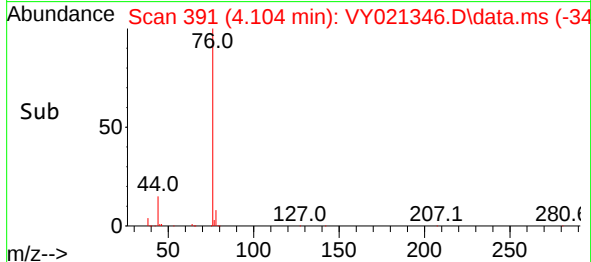
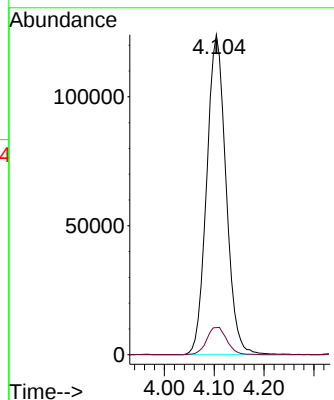
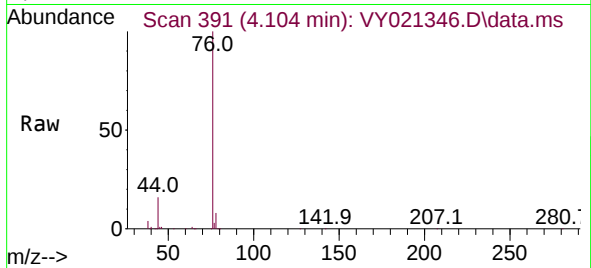




#17
Carbon Disulfide
Concen: 46.099 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

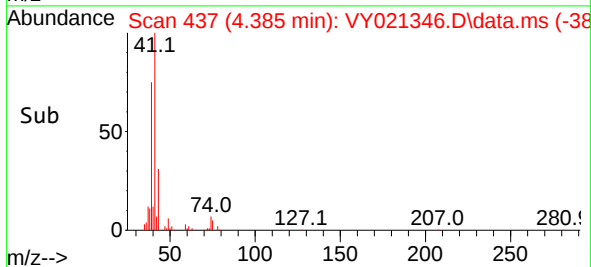
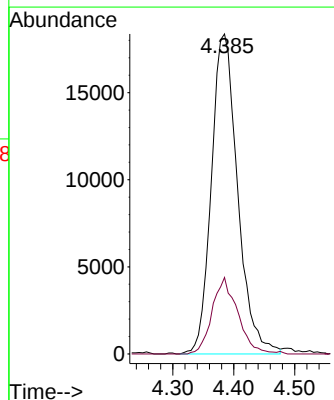
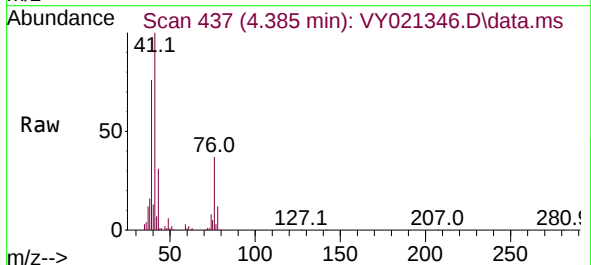
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

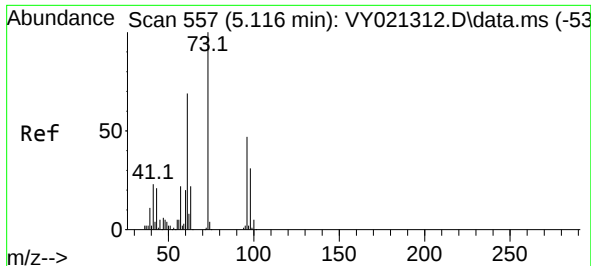
Tgt Ion: 76 Resp: 333979
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7



#18
Methyl Acetate
Concen: 47.708 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 43 Resp: 55015
Ion Ratio Lower Upper
43 100
74 23.3 17.7 26.5

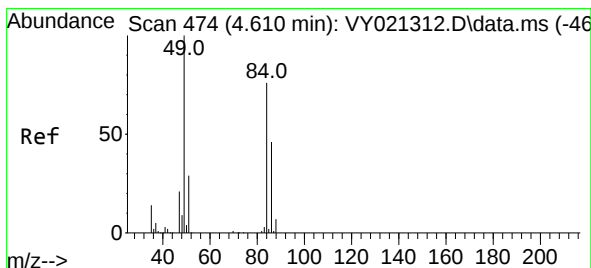
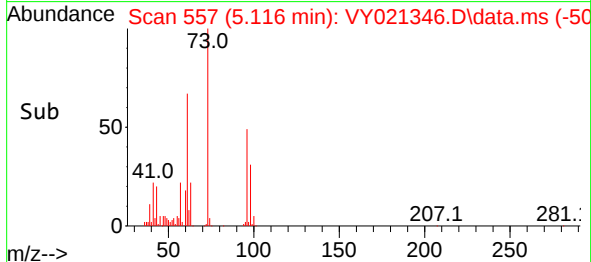
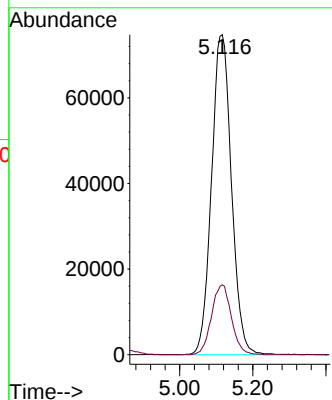
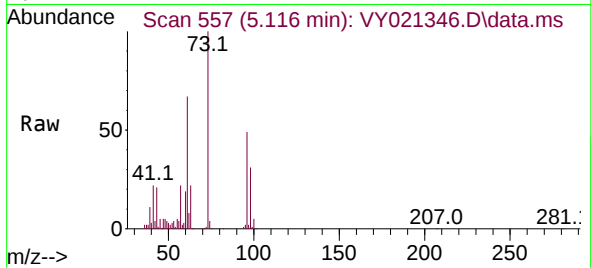




#19
Methyl tert-butyl Ether
Concen: 49.066 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

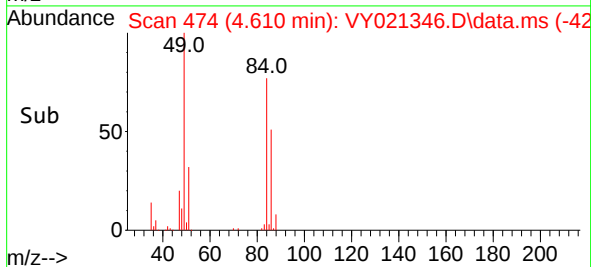
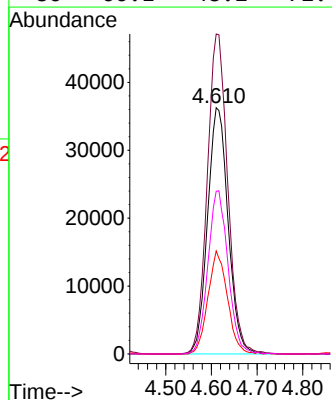
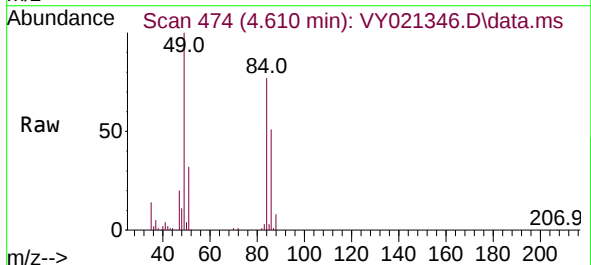
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

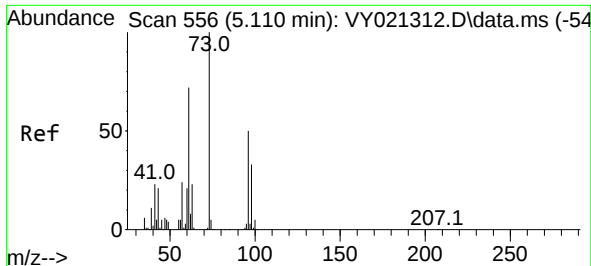
Tgt Ion: 73 Resp: 282838
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 44.466 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 84 Resp: 113459
Ion Ratio Lower Upper
84 100
49 130.0 105.1 157.7
51 41.8 31.0 46.4
86 66.1 48.2 72.4

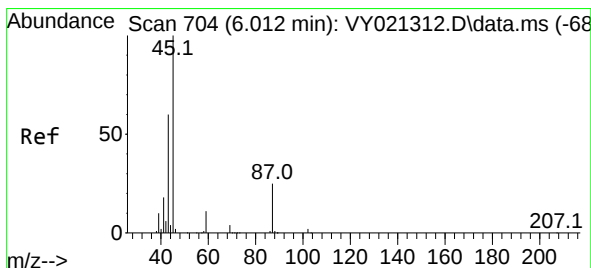
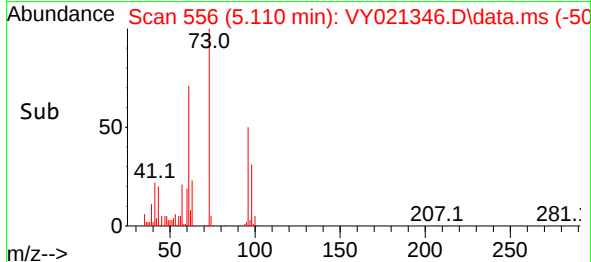
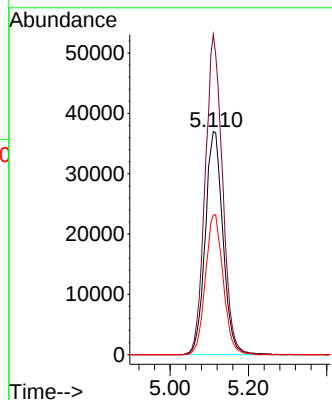
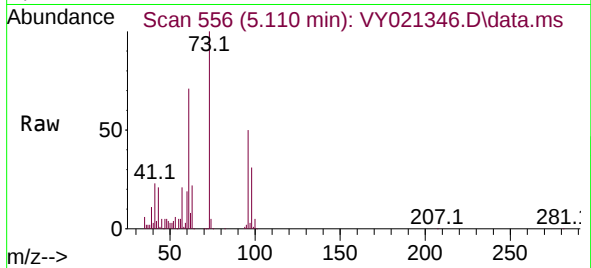




#21
trans-1,2-Dichloroethene
Concen: 48.151 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

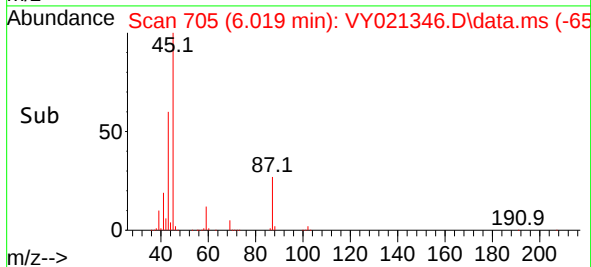
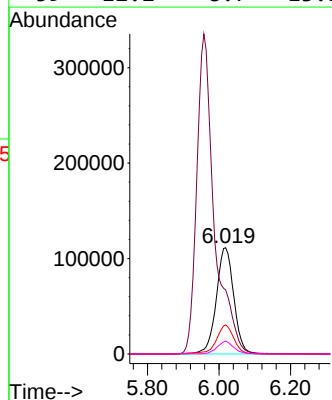
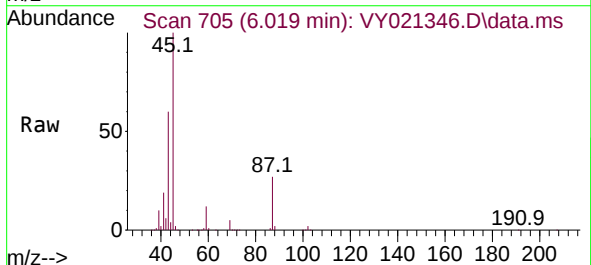
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

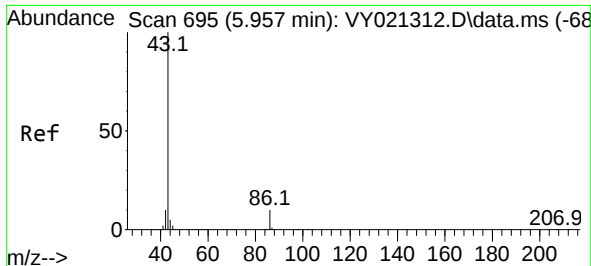
Tgt Ion: 96 Resp: 115652
Ion Ratio Lower Upper
96 100
61 143.4 116.3 174.5
98 62.6 52.6 78.8



#22
Diisopropyl ether
Concen: 47.204 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 45 Resp: 377852
Ion Ratio Lower Upper
45 100
43 60.0 48.2 72.4
87 27.4 20.3 30.5
59 12.2 8.7 13.1

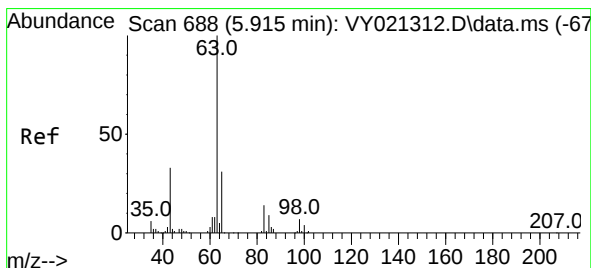
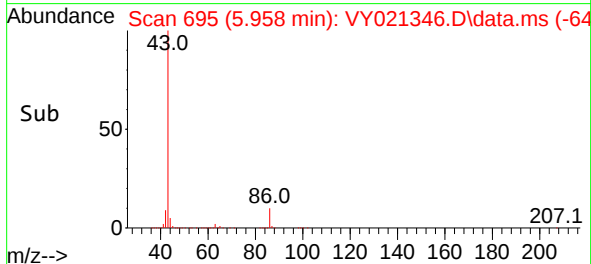
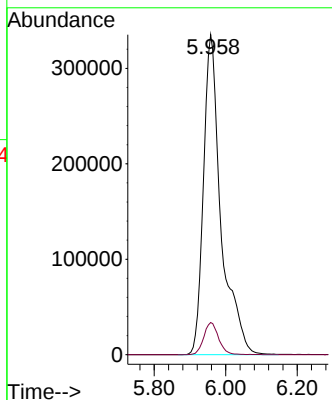
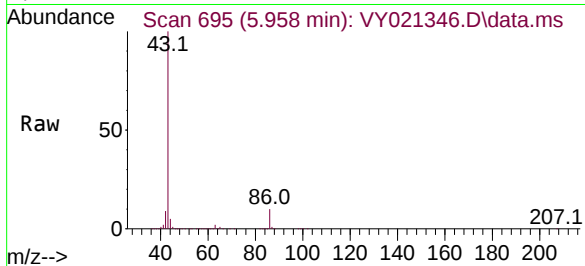




#23
 Vinyl Acetate
 Concen: 239.240 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021346.D
 Acq: 27 Feb 2025 10:13

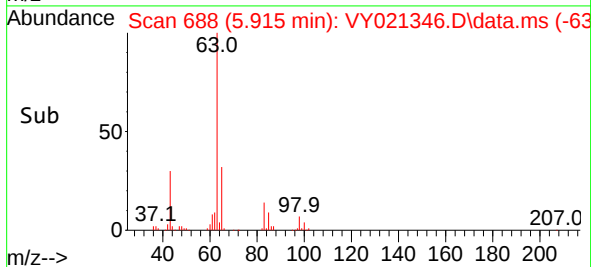
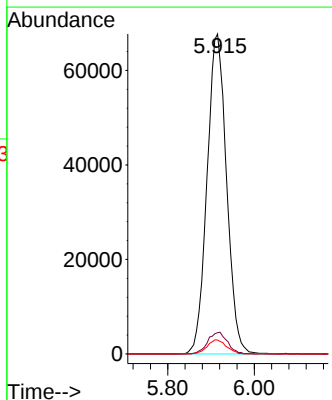
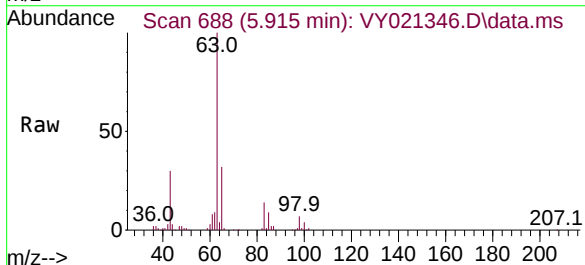
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

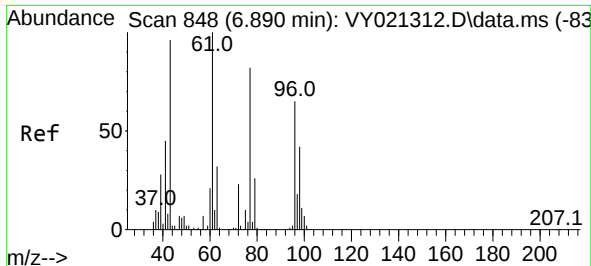
Tgt Ion: 43 Resp: 1144384
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 46.976 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021346.D
 Acq: 27 Feb 2025 10:13

Tgt Ion: 63 Resp: 211938
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.7 11.1
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 237.086 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

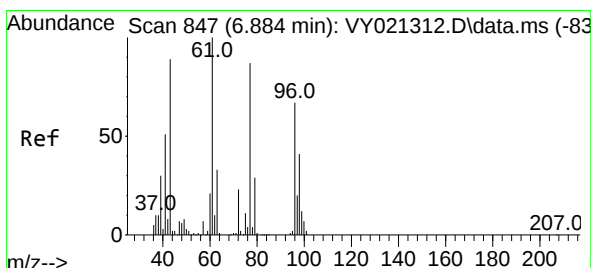
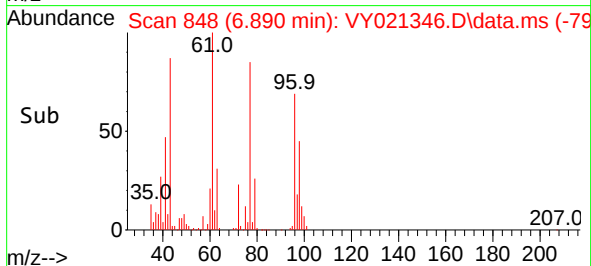
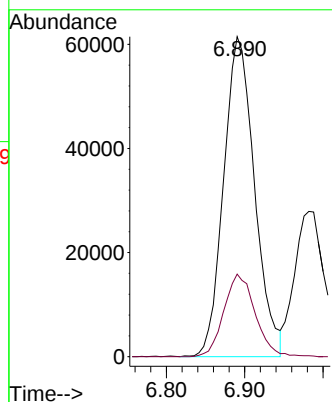
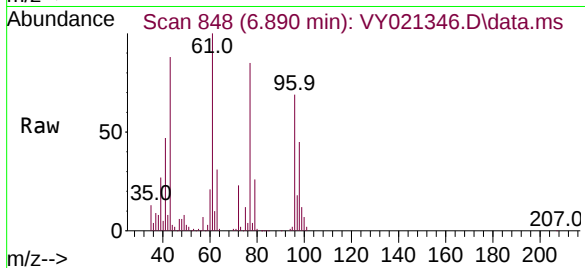
VSTDCCC050

Tgt Ion: 43 Resp: 168838

Ion Ratio Lower Upper

43 100

72 25.8 19.0 28.6



#26

2,2-Dichloropropane

Concen: 46.413 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY021346.D

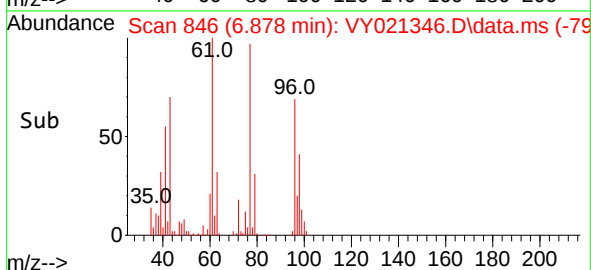
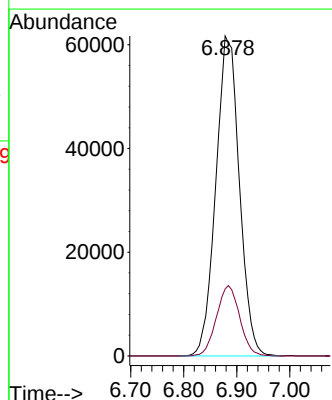
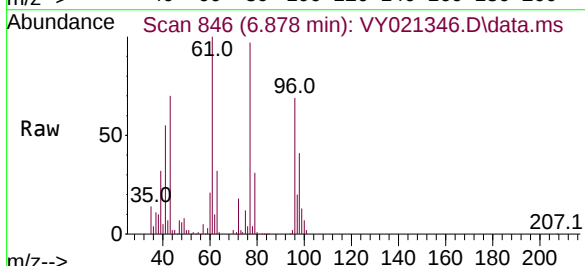
Acq: 27 Feb 2025 10:13

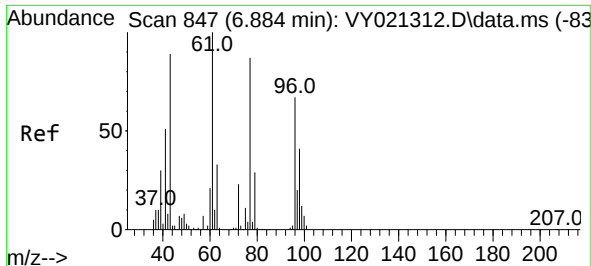
Tgt Ion: 77 Resp: 190004

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 48.604 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

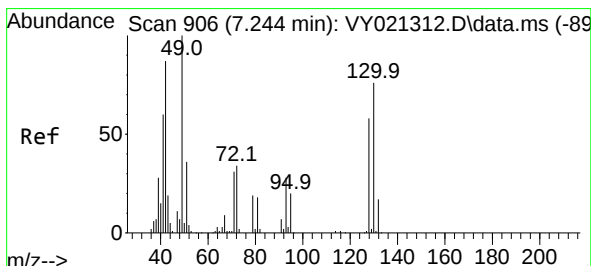
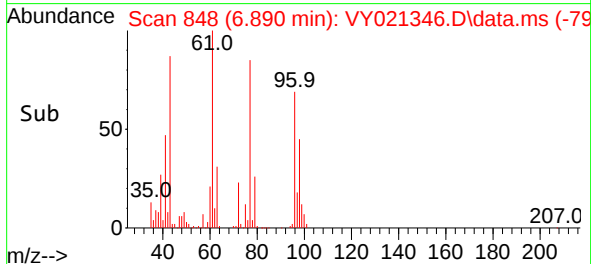
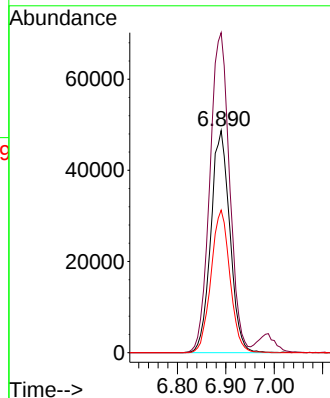
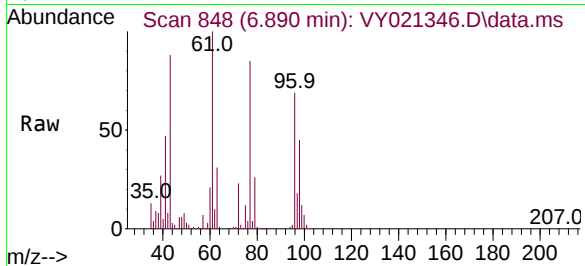
Tgt Ion: 96 Resp: 133307

Ion Ratio Lower Upper

96 100

61 149.1 0.0 308.0

98 63.8 0.0 129.6



#28

Bromochloromethane

Concen: 49.278 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

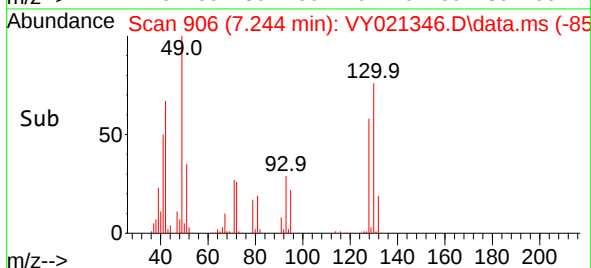
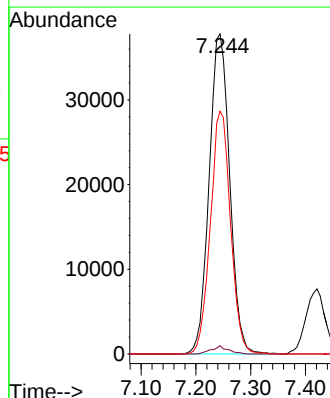
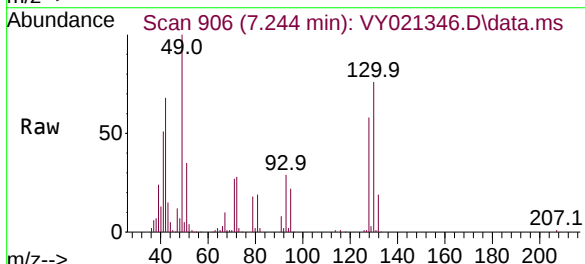
Tgt Ion: 49 Resp: 98374

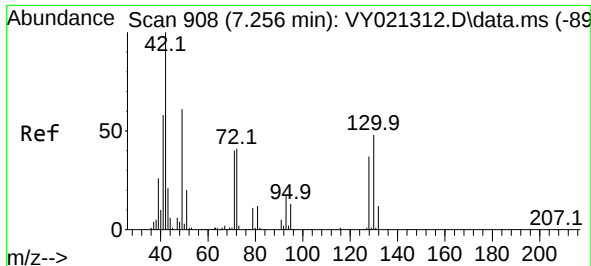
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 74.2 57.8 86.6

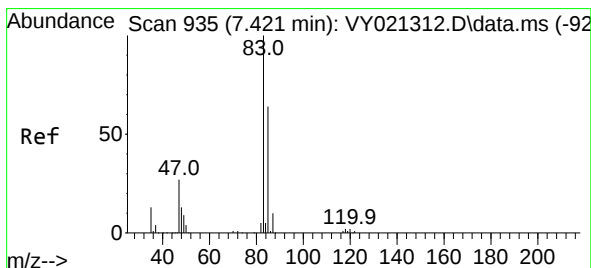
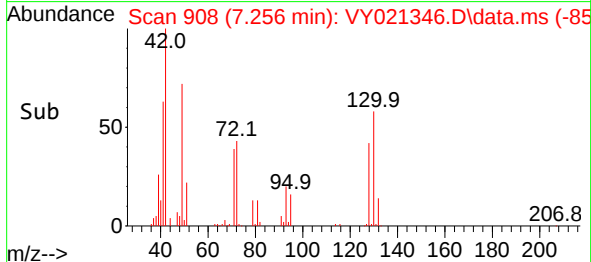
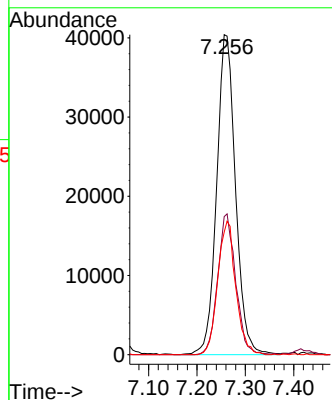
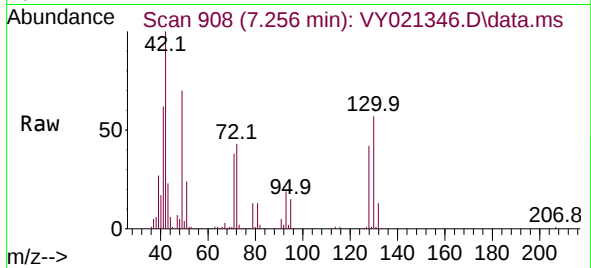




#29
Tetrahydrofuran
Concen: 235.247 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

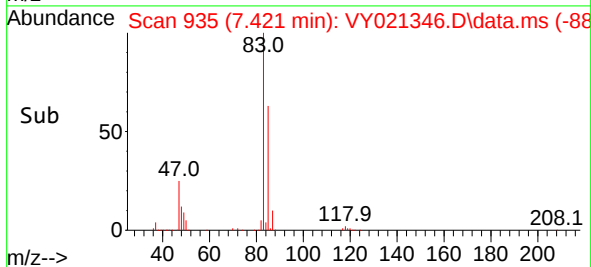
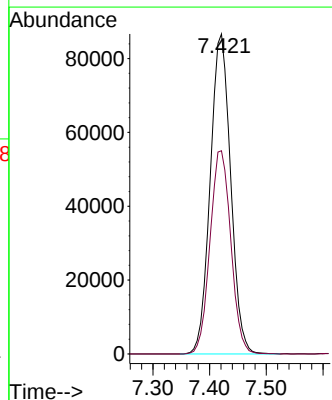
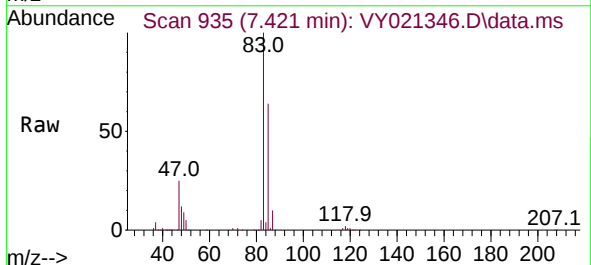
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

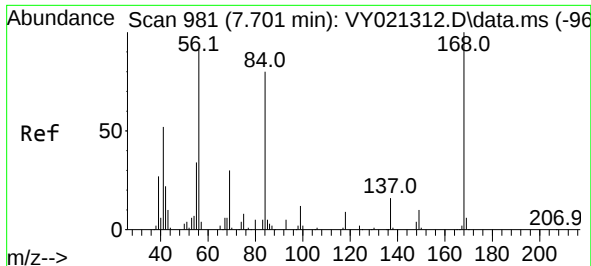
Tgt Ion: 42 Resp: 109505
Ion Ratio Lower Upper
42 100
72 42.1 33.1 49.7
71 39.8 31.4 47.0



#30
Chloroform
Concen: 47.377 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 83 Resp: 216589
Ion Ratio Lower Upper
83 100
85 63.5 51.6 77.4

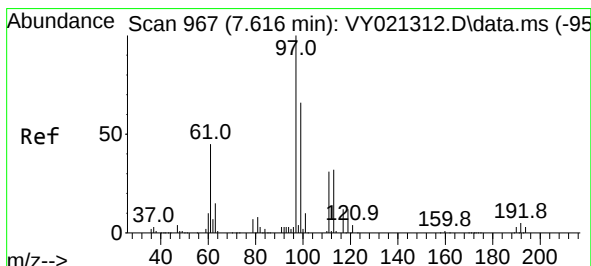
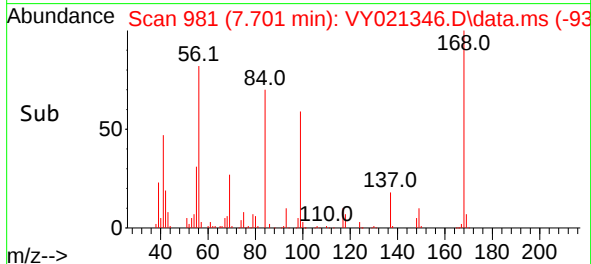
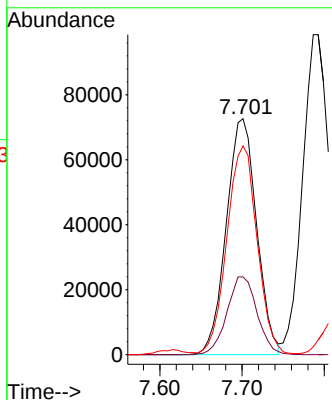
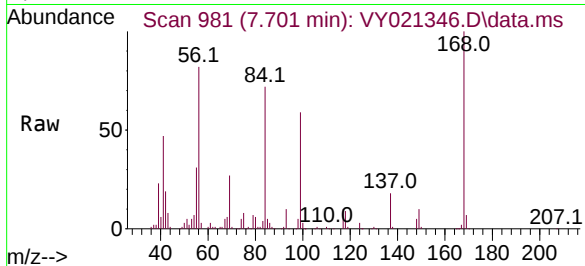




#31
Cyclohexane
Concen: 42.885 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

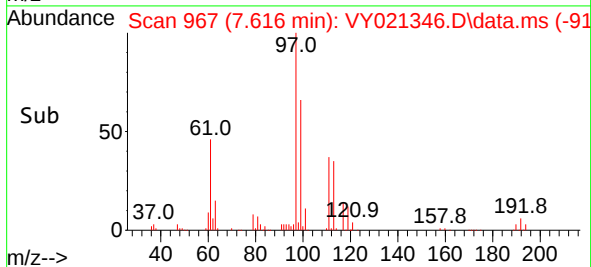
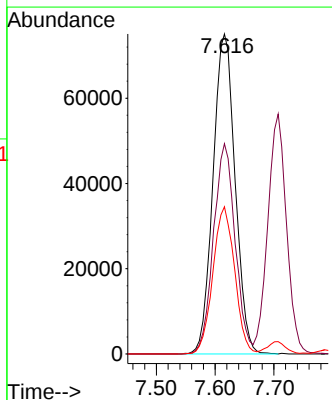
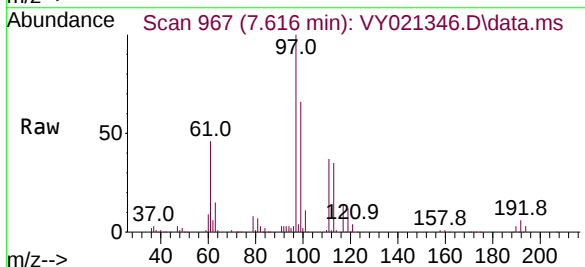
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

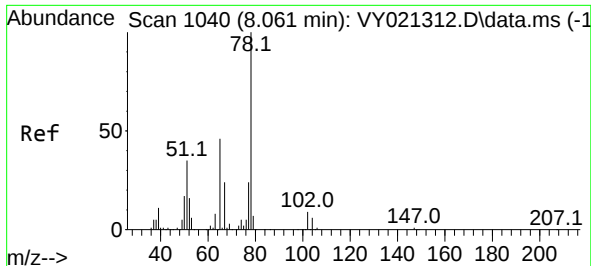
Tgt Ion: 56 Resp: 185986
Ion Ratio Lower Upper
56 100
69 32.9 26.2 39.4
84 86.6 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 47.106 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 97 Resp: 196015
Ion Ratio Lower Upper
97 100
99 64.5 52.4 78.6
61 45.4 36.2 54.2

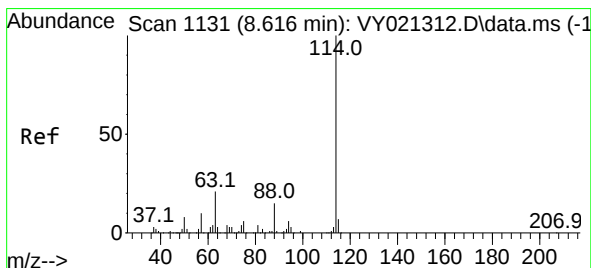
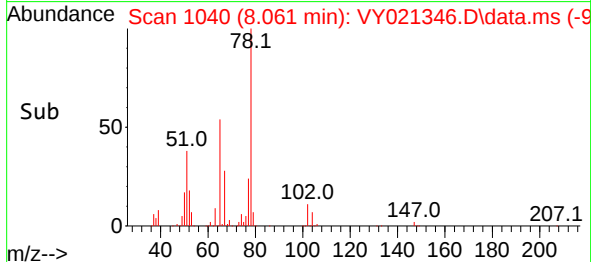
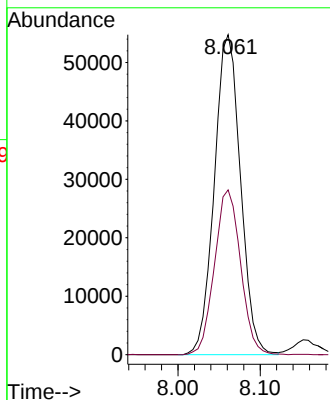
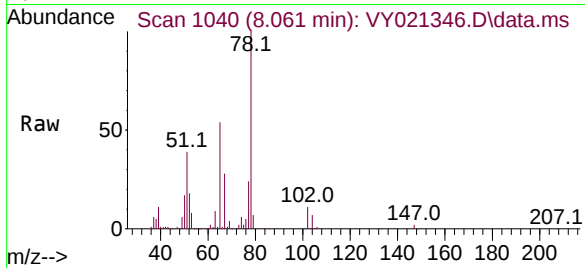




#33
1,2-Dichloroethane-d4
Concen: 49.197 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

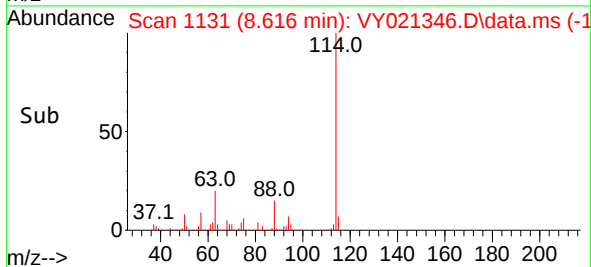
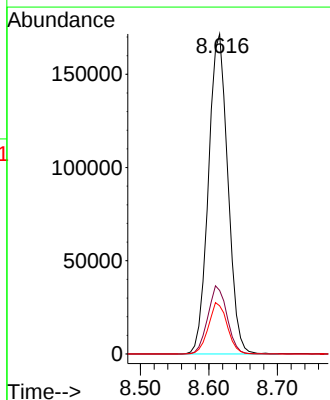
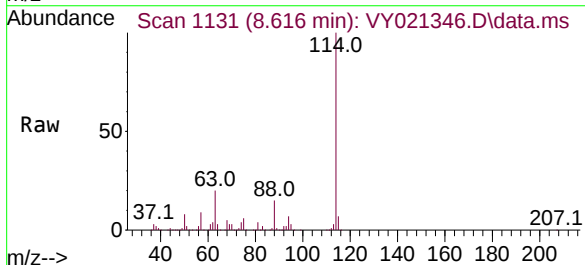
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

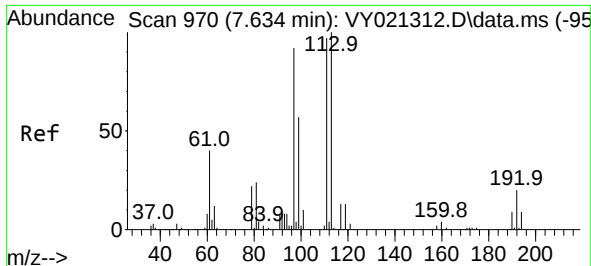
Tgt Ion: 65 Resp: 121017
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 114 Resp: 336652
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.2
88 15.0 0.0 29.8

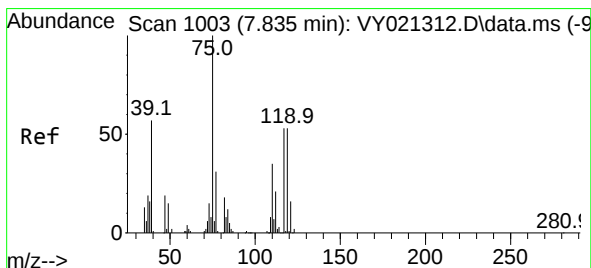
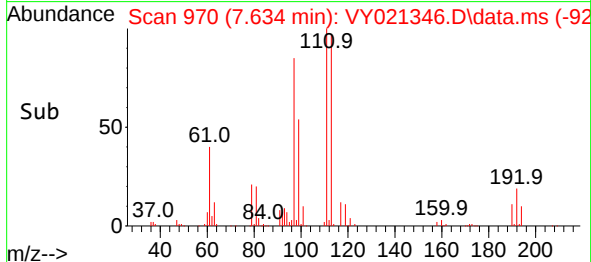
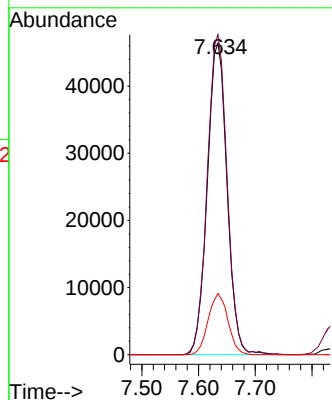
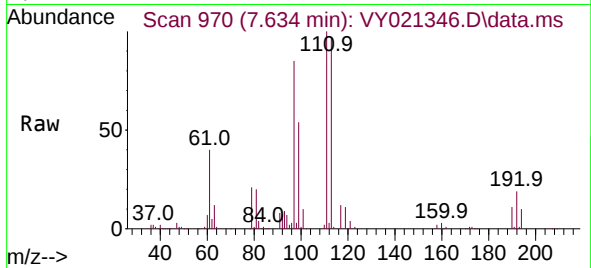




#35
Dibromofluoromethane
Concen: 50.916 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

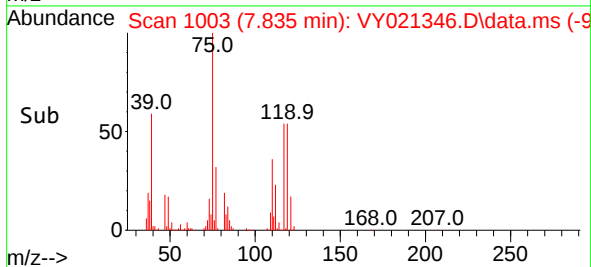
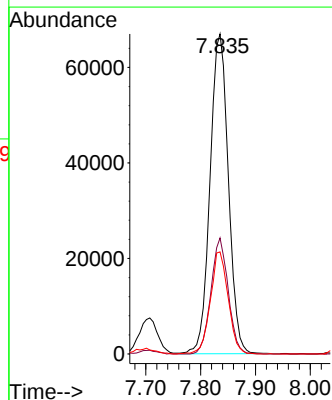
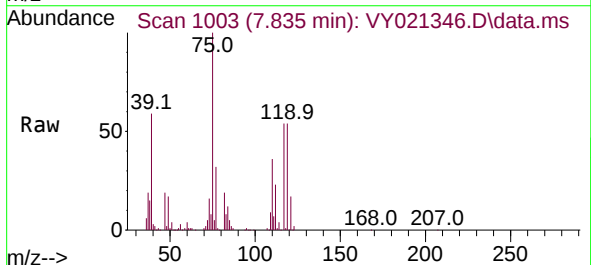
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

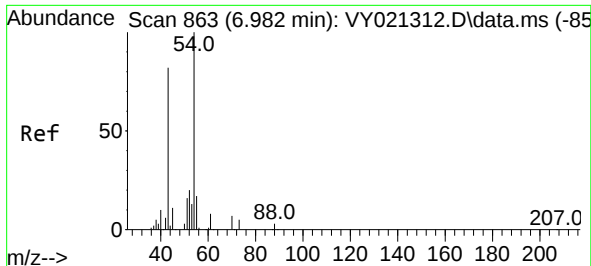
Tgt Ion:113 Resp: 112378
Ion Ratio Lower Upper
113 100
111 103.5 81.0 121.6
192 19.5 15.8 23.8



#36
1,1-Dichloropropene
Concen: 46.810 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 75 Resp: 155190
Ion Ratio Lower Upper
75 100
110 34.1 16.9 50.7
77 31.0 24.6 36.8

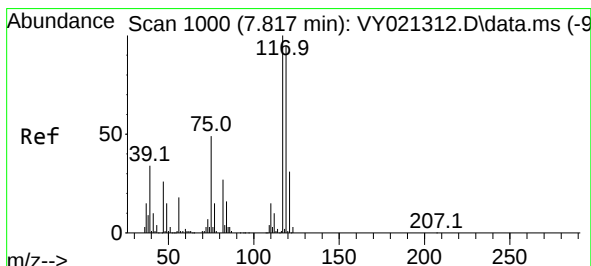
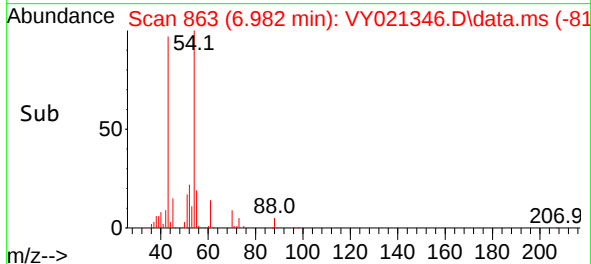
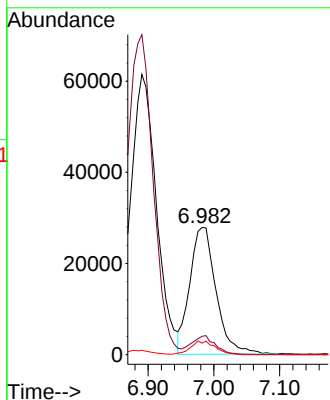
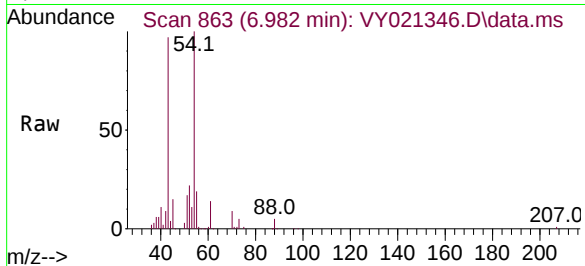




#37
Ethyl Acetate
Concen: 46.614 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

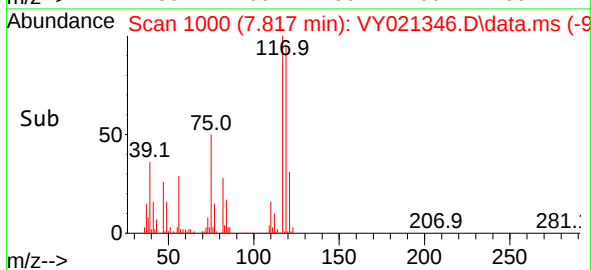
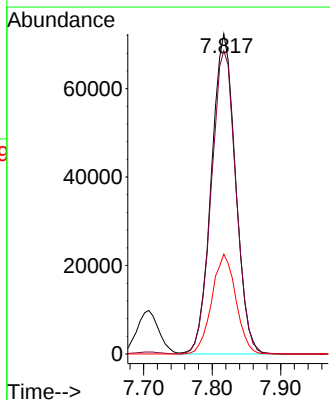
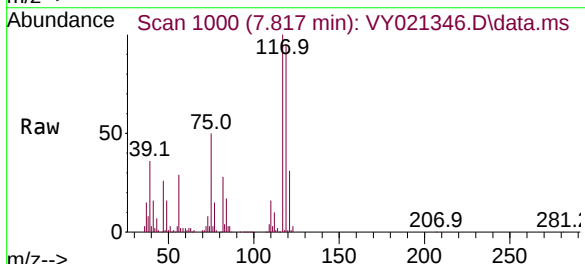
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

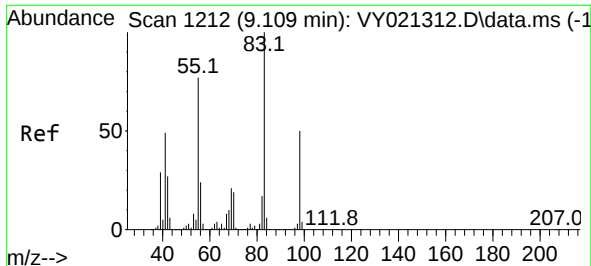
Tgt Ion: 43 Resp: 76874
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.1 7.5 11.3



#38
Carbon Tetrachloride
Concen: 47.372 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 117 Resp: 176563
Ion Ratio Lower Upper
117 100
119 94.8 76.0 114.0
121 31.2 24.9 37.3

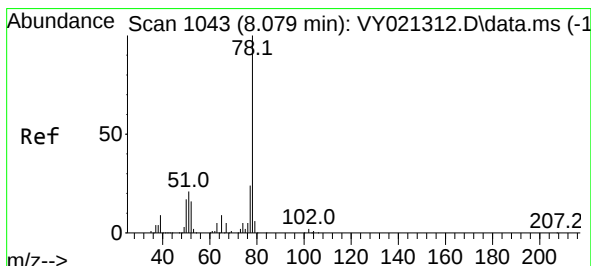
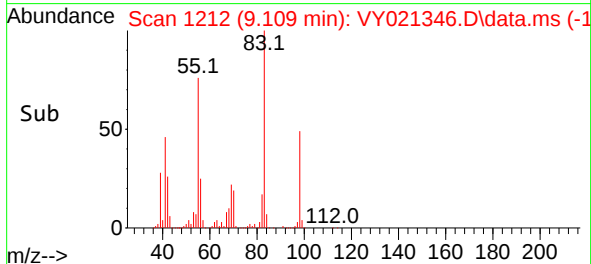
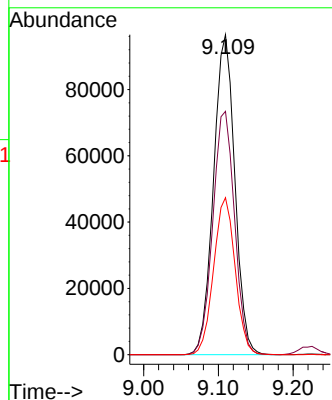
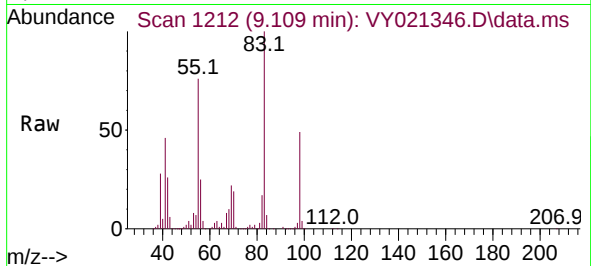




#39
Methylcyclohexane
Concen: 45.621 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

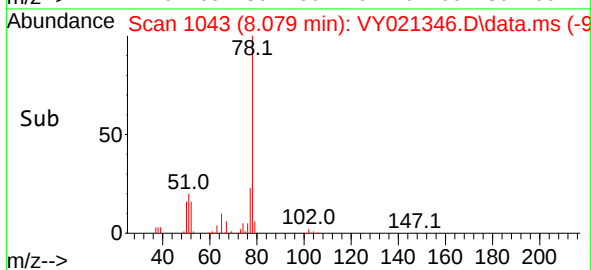
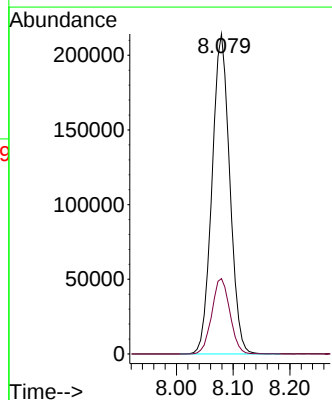
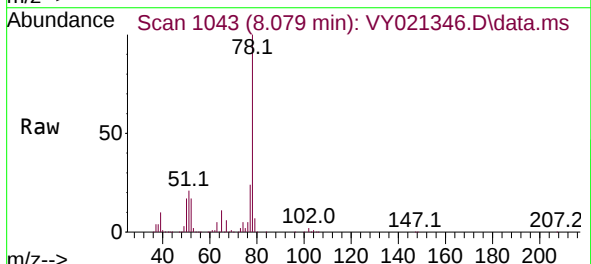
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

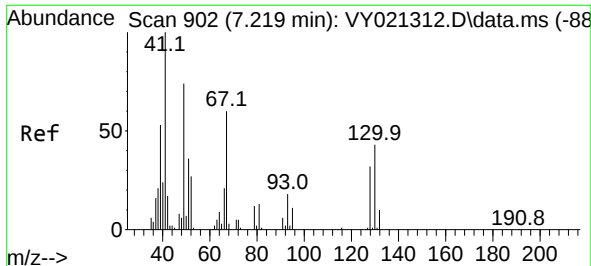
Tgt Ion: 83 Resp: 191303
Ion Ratio Lower Upper
83 100
55 76.0 61.3 91.9
98 49.1 39.9 59.9



#40
Benzene
Concen: 47.451 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 78 Resp: 465038
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8

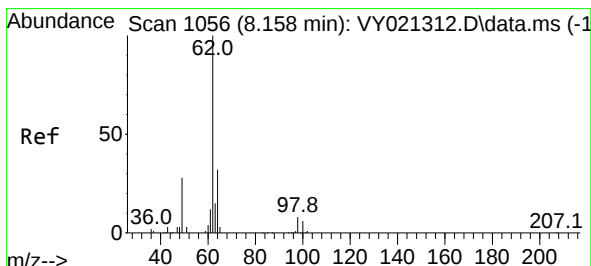
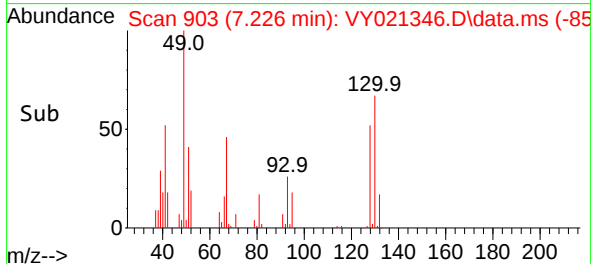
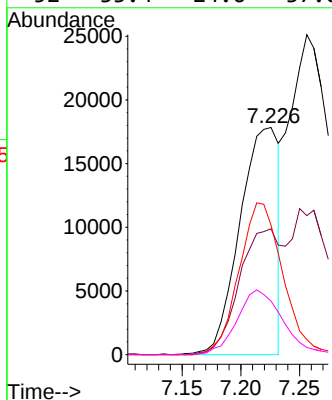
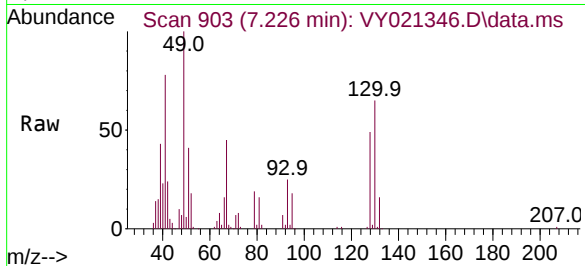




#41
Methacrylonitrile
Concen: 44.764 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

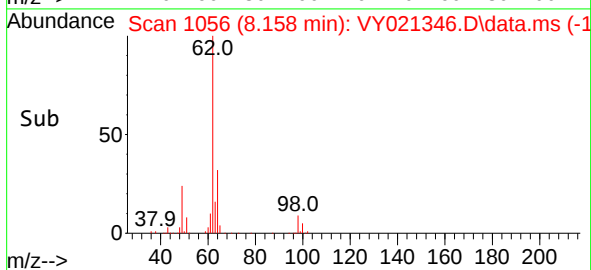
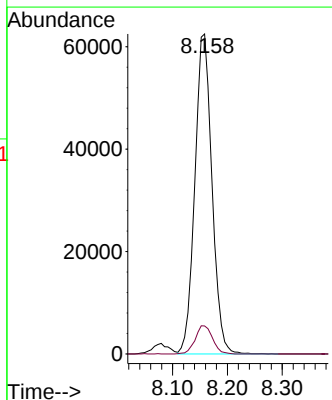
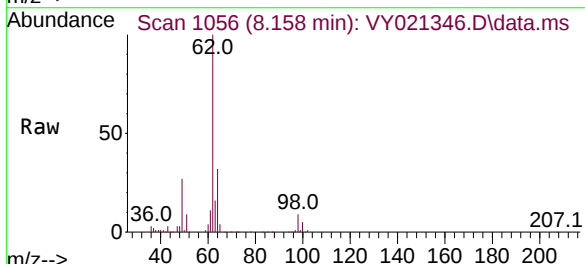
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

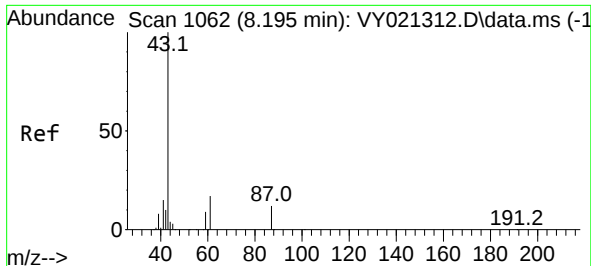
Tgt Ion:	41	Resp:	41275
Ion	Ratio	Lower	Upper
41	100		
39	62.9	42.3	63.5
67	74.7	54.8	82.2
52	33.4	24.6	37.0



#42
1,2-Dichloroethane
Concen: 48.834 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion:	62	Resp:	135785
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6

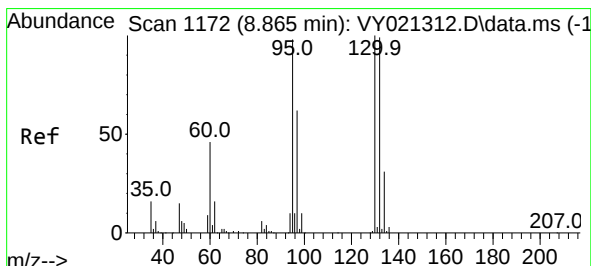
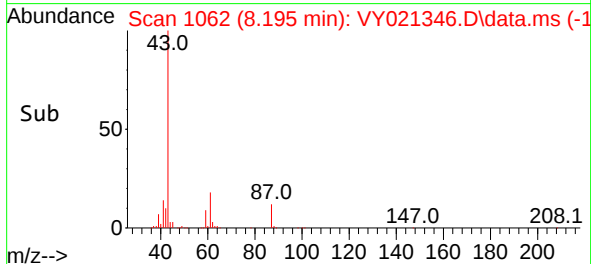
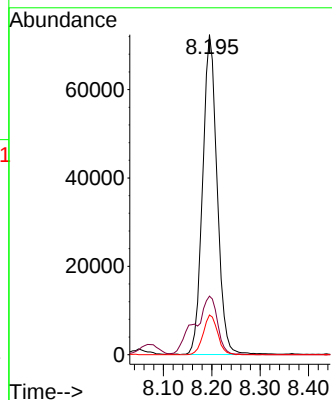
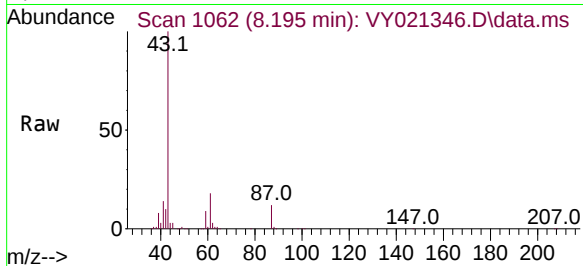




#43
Isopropyl Acetate
Concen: 47.110 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

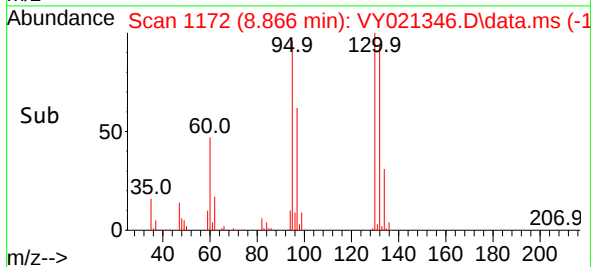
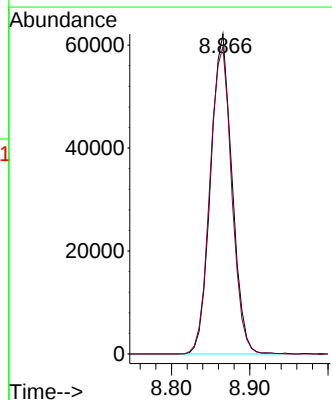
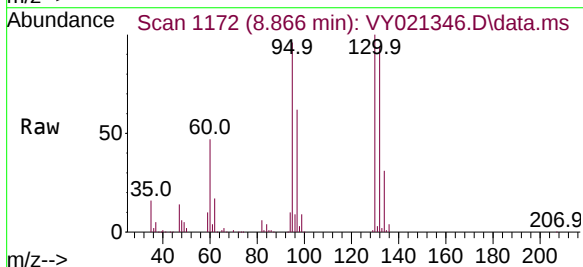
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

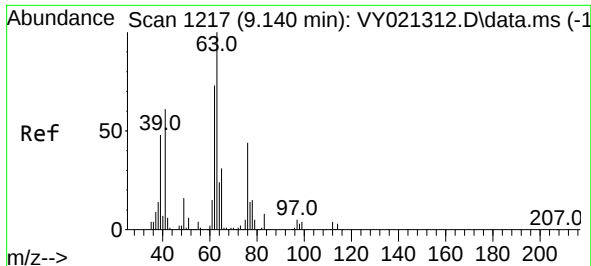
Tgt Ion: 43 Resp: 150377
Ion Ratio Lower Upper
43 100
61 28.8 15.0 22.6#
87 12.3 10.0 15.0



#44
Trichloroethene
Concen: 47.977 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion:130 Resp: 117718
Ion Ratio Lower Upper
130 100
95 95.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.258 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

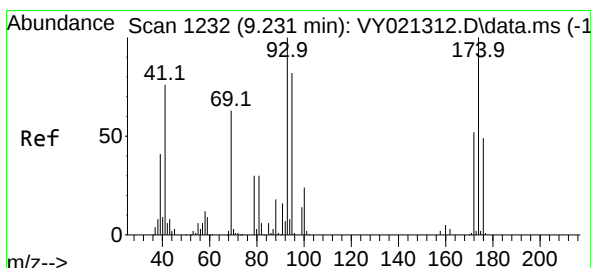
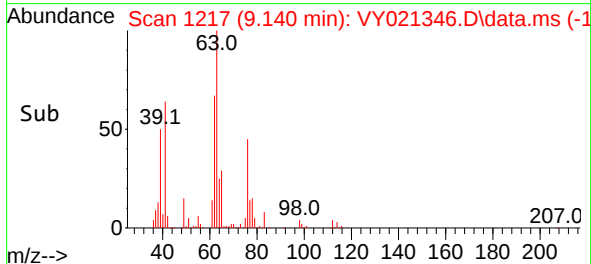
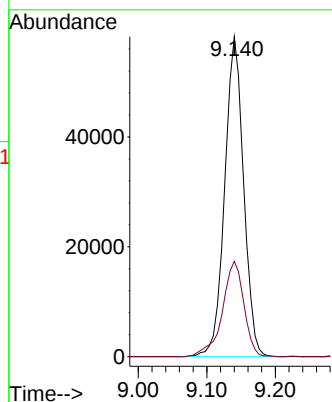
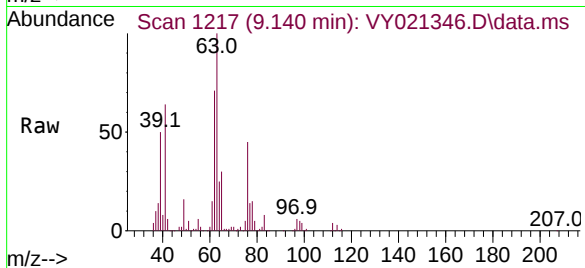
VSTDCCC050

Tgt Ion: 63 Resp: 111459

Ion Ratio Lower Upper

63 100

65 29.8 24.6 36.8



#46

Dibromomethane

Concen: 48.866 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

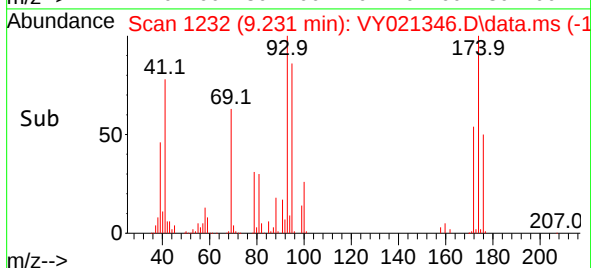
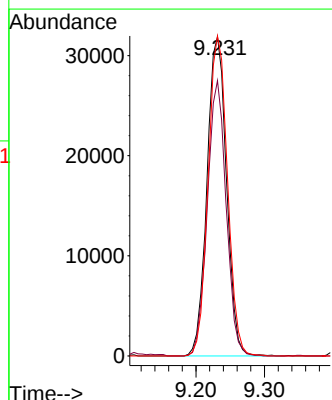
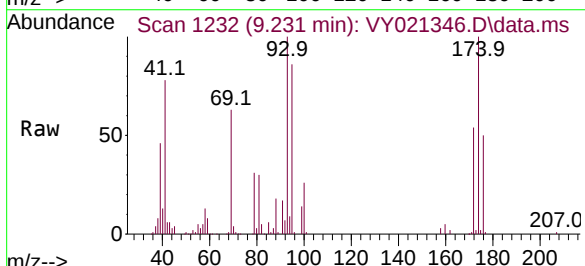
Tgt Ion: 93 Resp: 62998

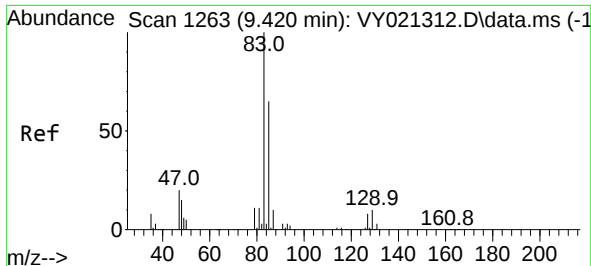
Ion Ratio Lower Upper

93 100

95 83.3 66.4 99.6

174 99.6 78.2 117.2

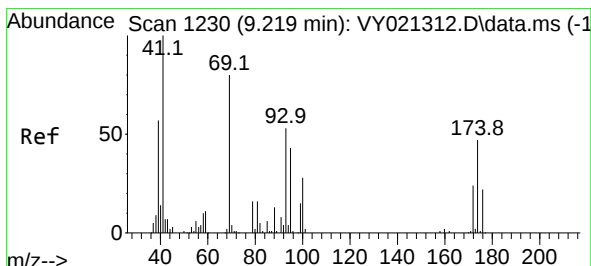
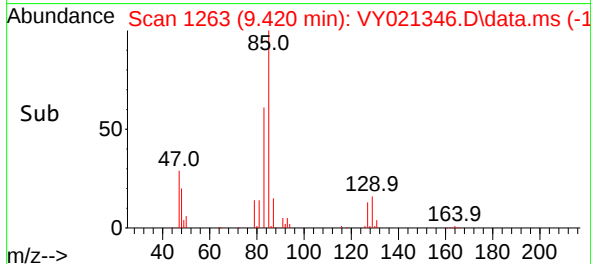
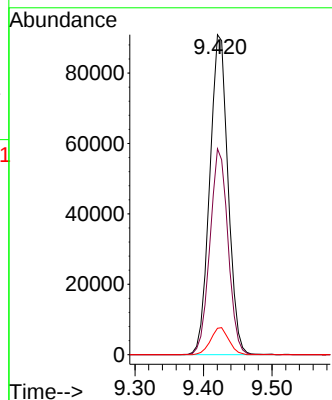
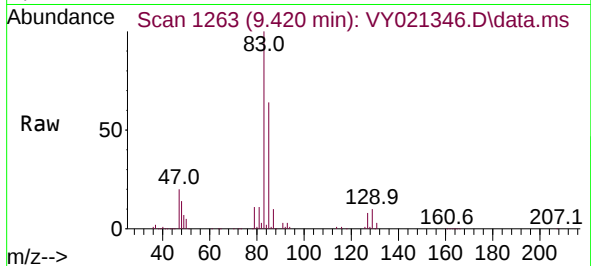




#47
Bromodichloromethane
Concen: 49.049 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

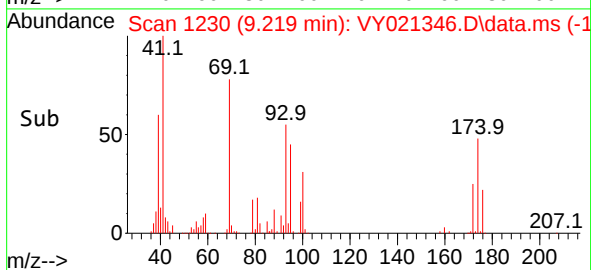
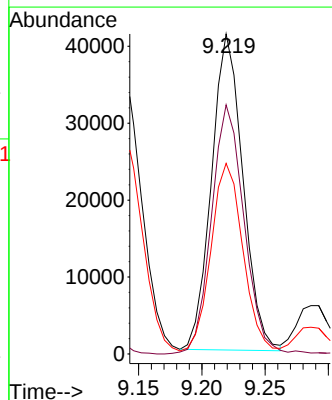
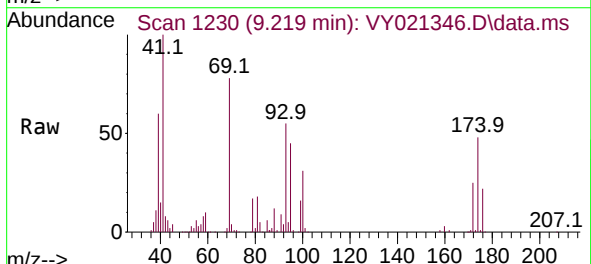
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

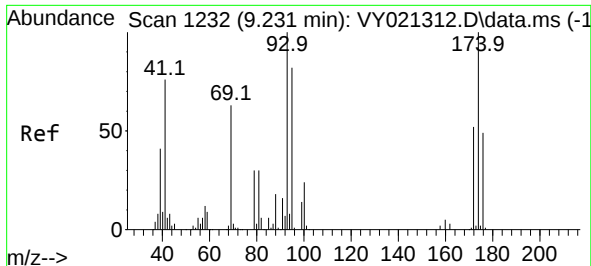
Tgt Ion: 83 Resp: 168603
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 47.548 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 41 Resp: 70974
Ion Ratio Lower Upper
41 100
69 82.0 63.3 94.9
39 60.3 45.0 67.6





#49

1,4-Dioxane

Concen: 1034.825 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

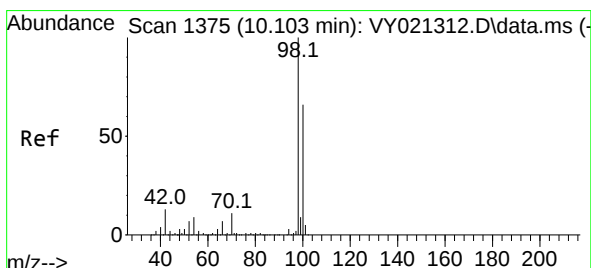
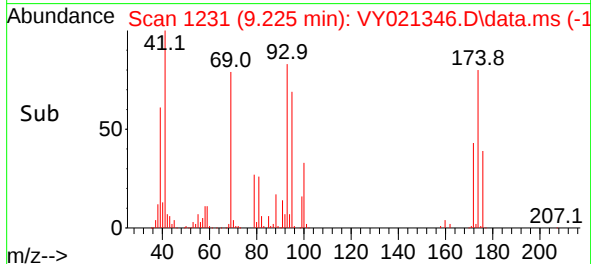
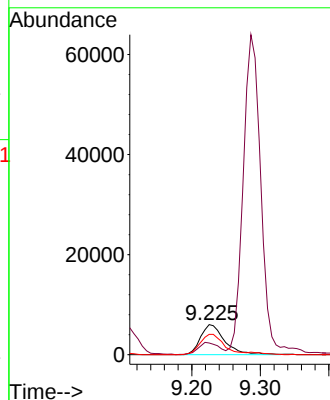
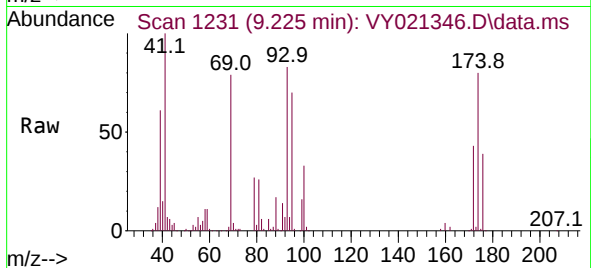
Tgt Ion: 88 Resp: 14834

Ion Ratio Lower Upper

88 100

43 35.2 34.8 52.2

58 66.3 59.8 89.6



#50

Toluene-d8

Concen: 49.758 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021346.D

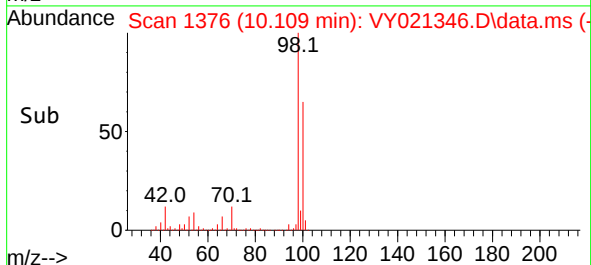
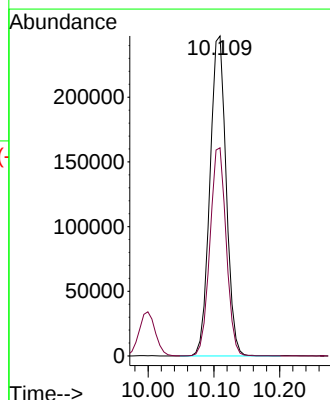
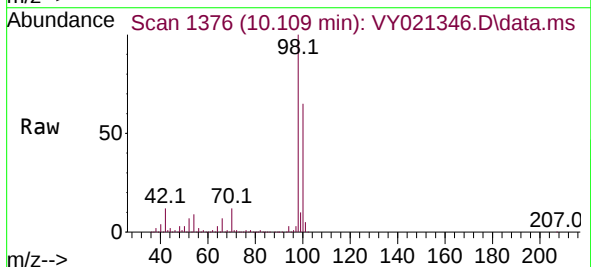
Acq: 27 Feb 2025 10:13

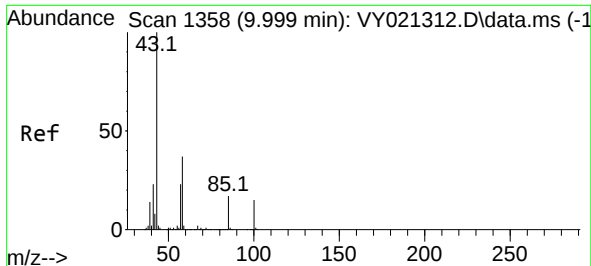
Tgt Ion: 98 Resp: 424430

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 243.033 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

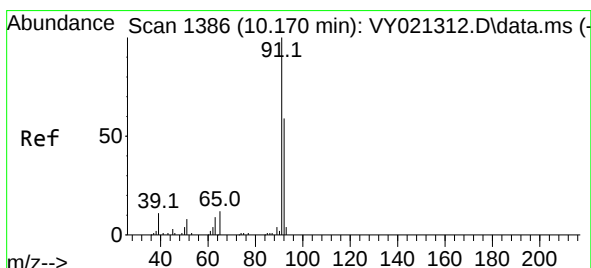
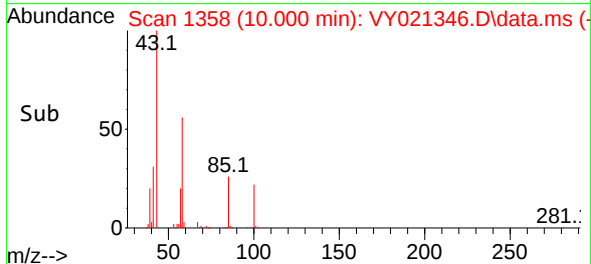
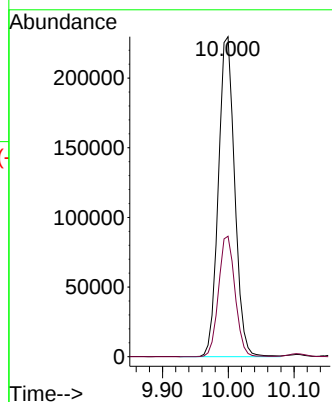
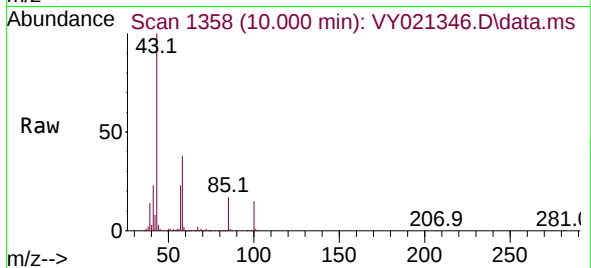
VSTDCCC050

Tgt Ion: 43 Resp: 397113

Ion Ratio Lower Upper

43 100

58 38.1 30.1 45.1



#52

Toluene

Concen: 48.531 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021346.D

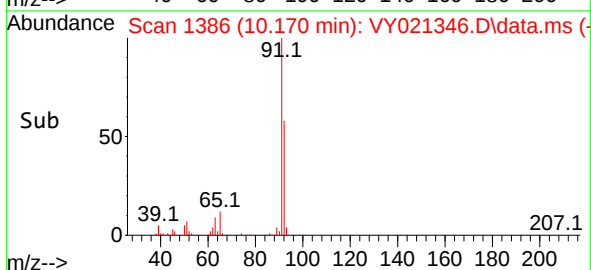
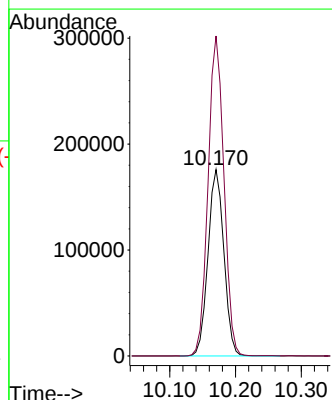
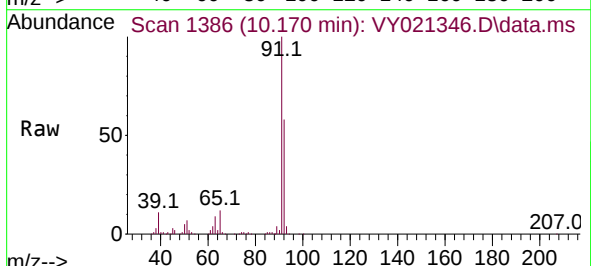
Acq: 27 Feb 2025 10:13

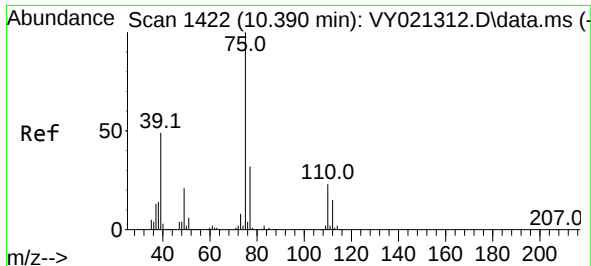
Tgt Ion: 92 Resp: 295469

Ion Ratio Lower Upper

92 100

91 171.4 137.8 206.8

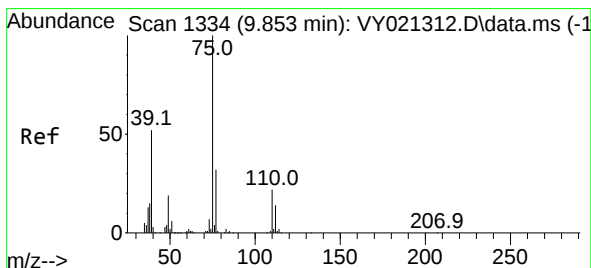
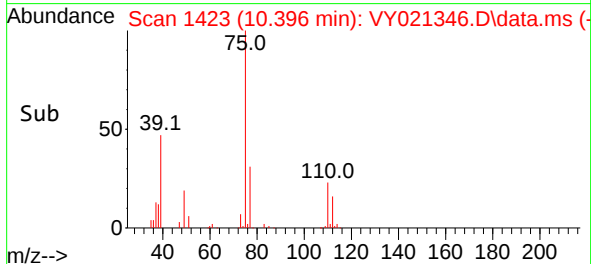
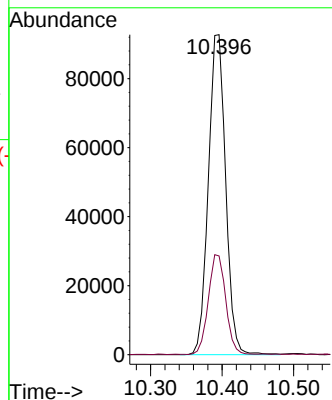
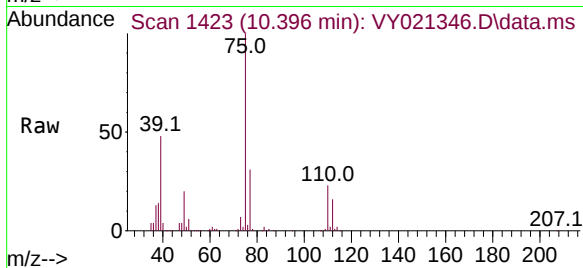




#53
t-1,3-Dichloropropene
Concen: 49.509 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

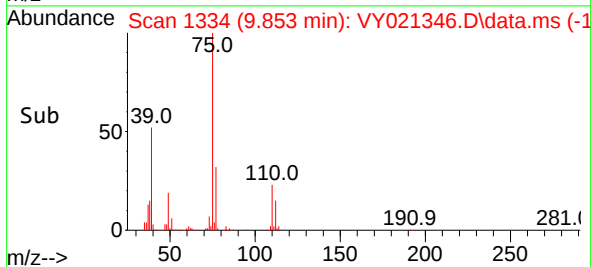
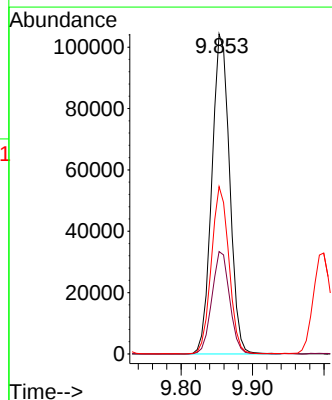
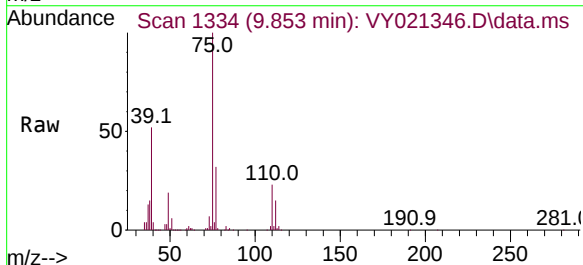
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

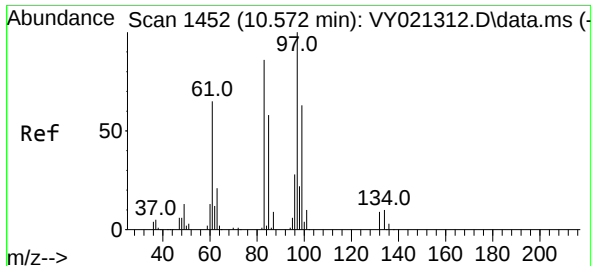
Tgt Ion: 75 Resp: 155924
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.471 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 75 Resp: 180216
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
39 52.3 41.8 62.6

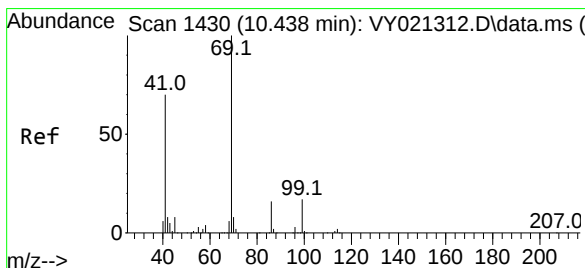
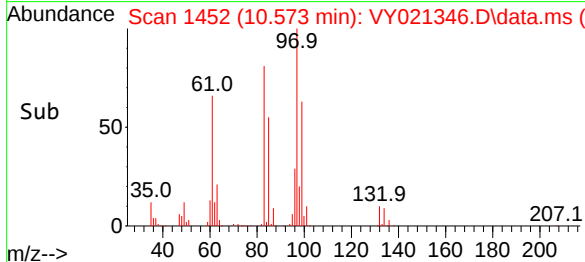
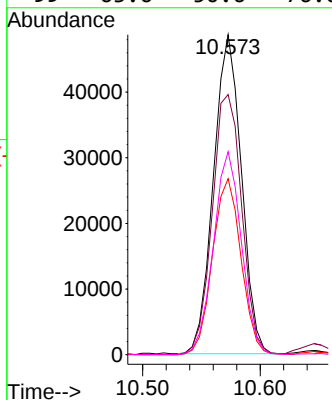
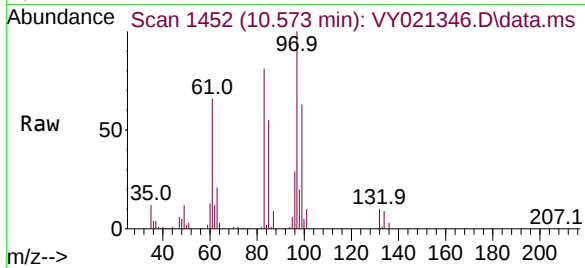




#55
1,1,2-Trichloroethane
Concen: 47.760 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

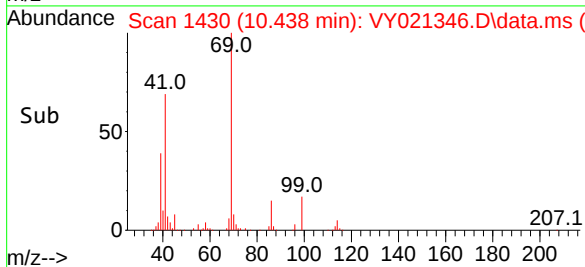
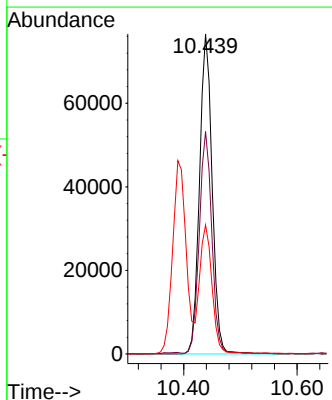
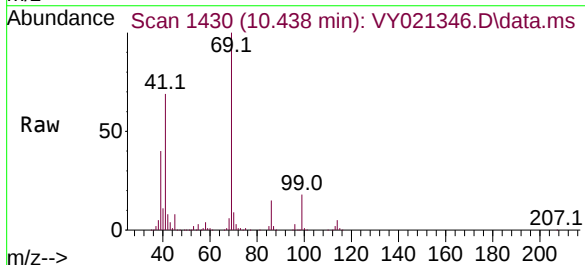
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

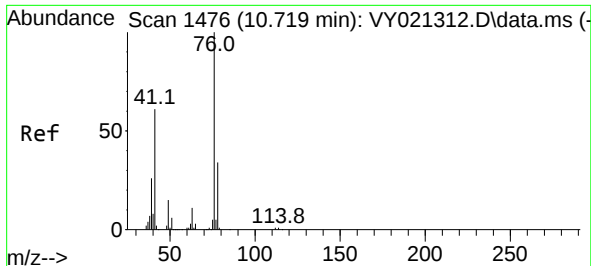
Tgt Ion: 97	Resp: 80212
Ion Ratio	Lower Upper
97 100	
83 81.5	68.7 103.1
85 55.1	46.3 69.5
99 63.6	50.6 76.0



#56
Ethyl methacrylate
Concen: 51.042 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 69	Resp: 118449
Ion Ratio	Lower Upper
69 100	
41 68.3	56.2 84.4
39 38.5	32.7 49.1





#57

1,3-Dichloropropane

Concen: 48.674 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

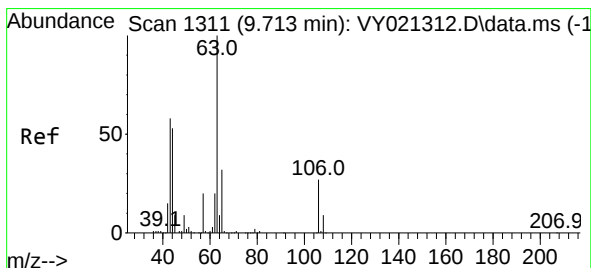
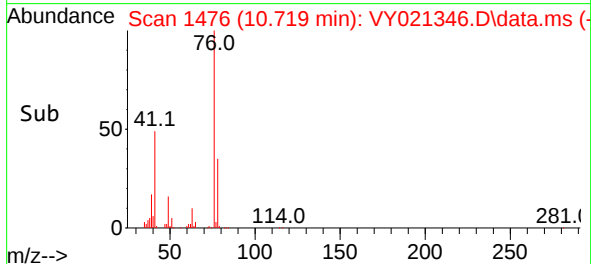
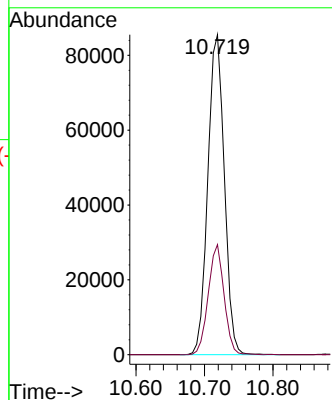
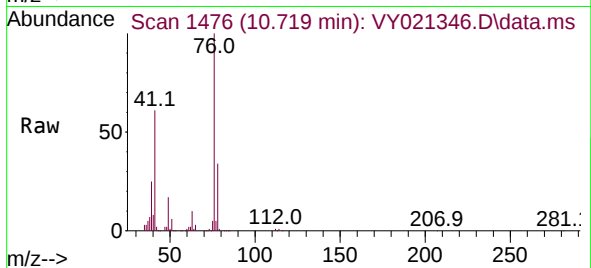
VSTDCCC050

Tgt Ion: 76 Resp: 143446

Ion Ratio Lower Upper

76 100

78 33.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 241.429 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021346.D

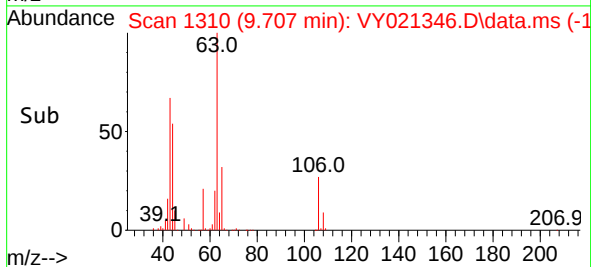
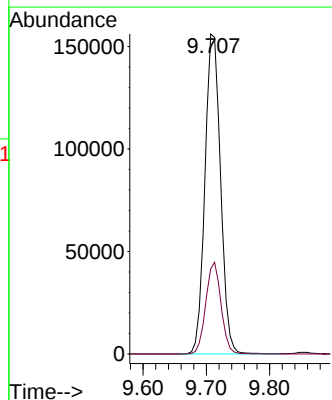
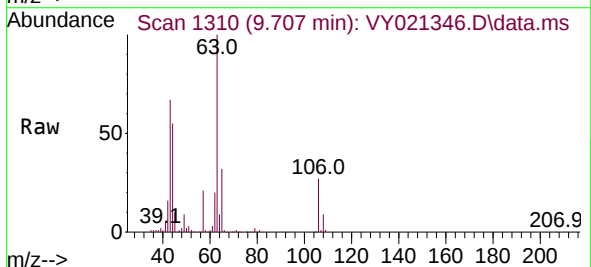
Acq: 27 Feb 2025 10:13

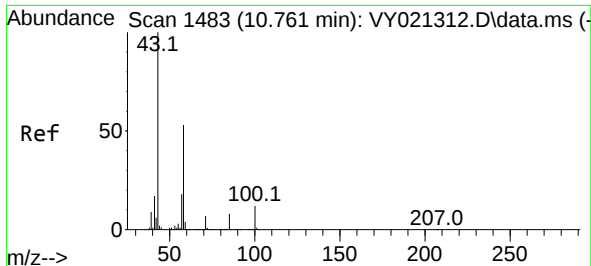
Tgt Ion: 63 Resp: 268918

Ion Ratio Lower Upper

63 100

106 27.9 21.7 32.5

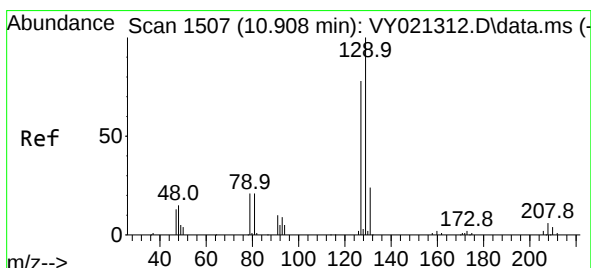
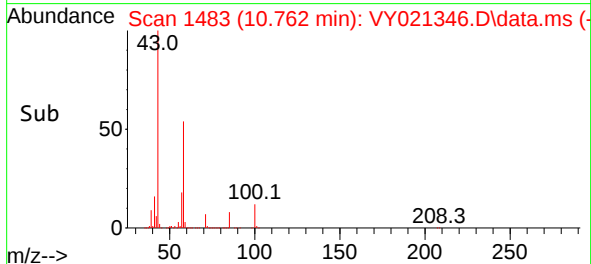
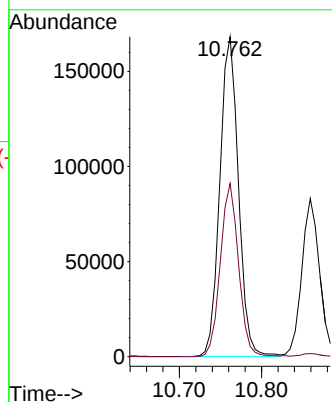
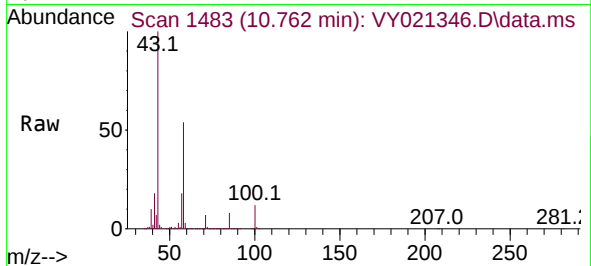




#59
2-Hexanone
Concen: 246.484 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

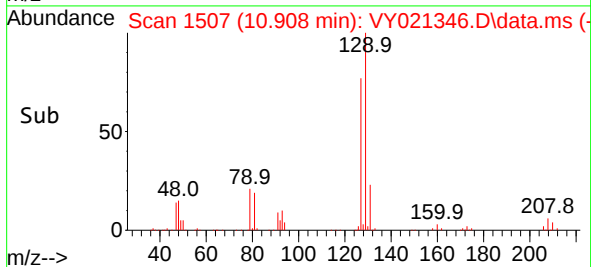
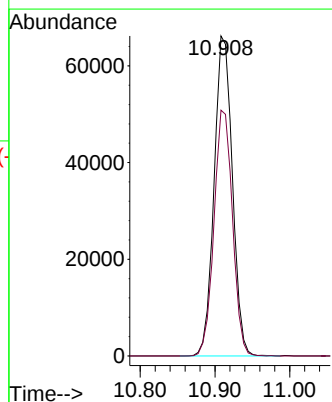
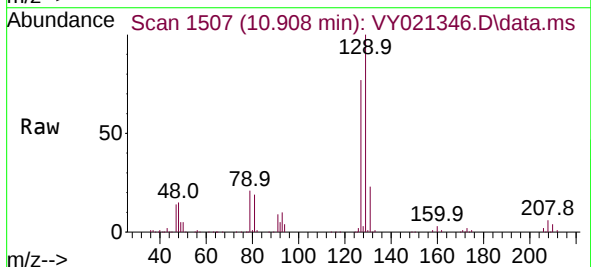
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

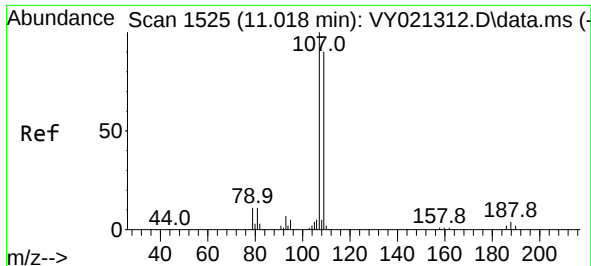
Tgt Ion: 43 Resp: 264507
Ion Ratio Lower Upper
43 100
58 53.1 25.9 77.6



#60
Dibromochloromethane
Concen: 49.151 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion:129 Resp: 112424
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4

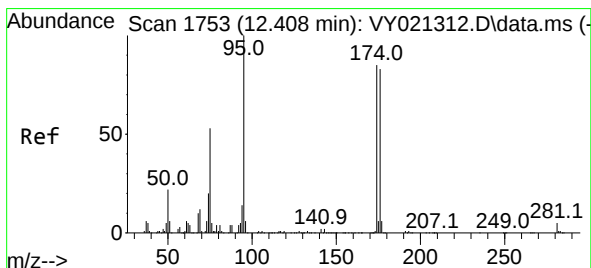
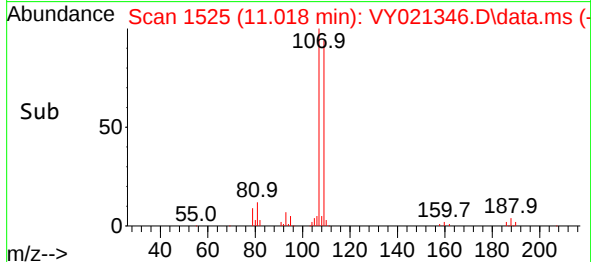
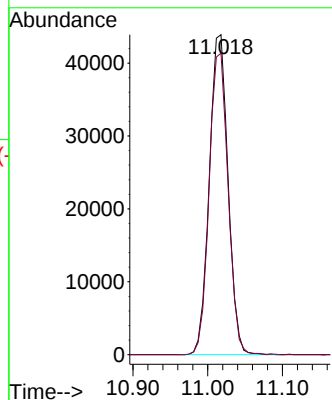
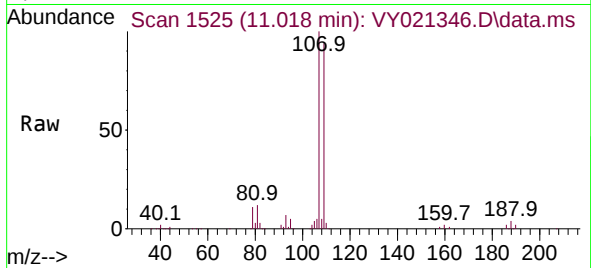




#61
1,2-Dibromoethane
Concen: 48.188 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

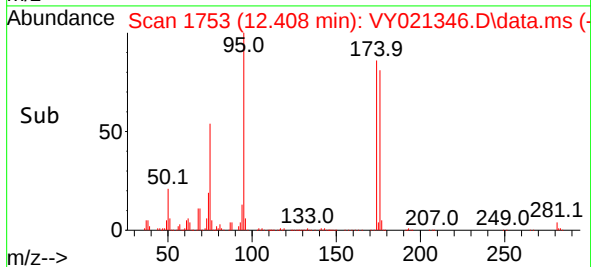
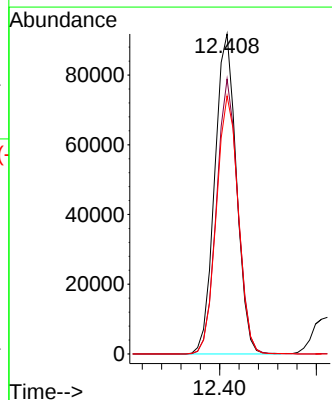
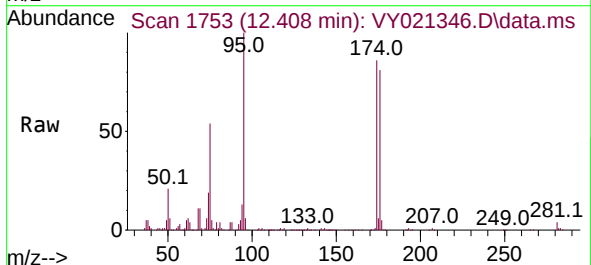
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

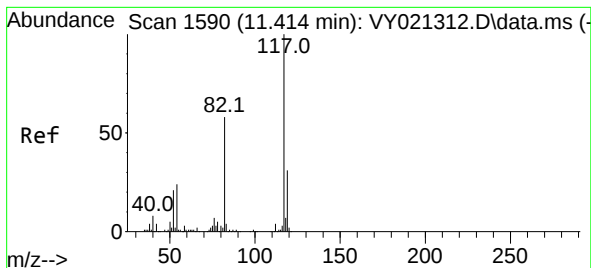
Tgt Ion:107 Resp: 76619
Ion Ratio Lower Upper
107 100
109 94.9 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 49.803 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 95 Resp: 142970
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.0
176 81.6 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11591

Delta R.T. 0.006 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

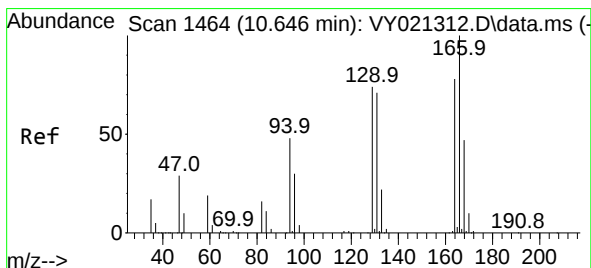
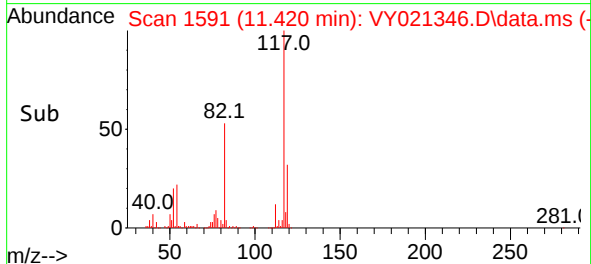
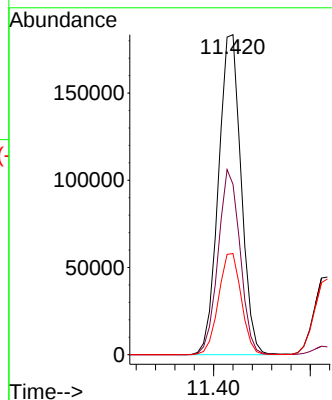
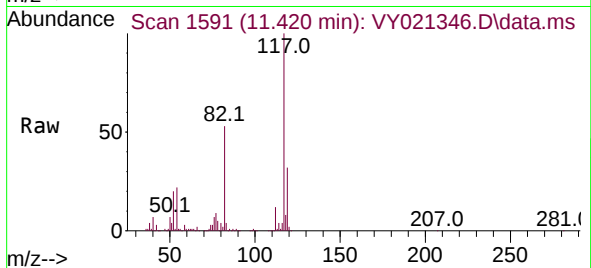
Tgt Ion:117 Resp: 298167

Ion Ratio Lower Upper

117 100

82 53.3 46.2 69.4

119 31.6 24.9 37.3



#64

Tetrachloroethene

Concen: 45.972 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Tgt Ion:164 Resp: 103607

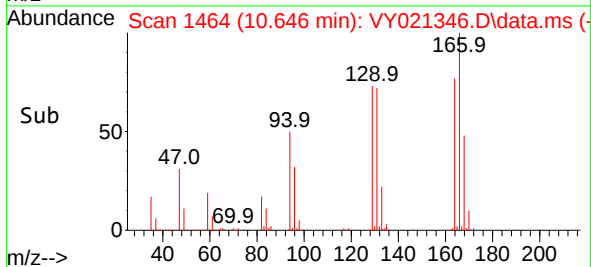
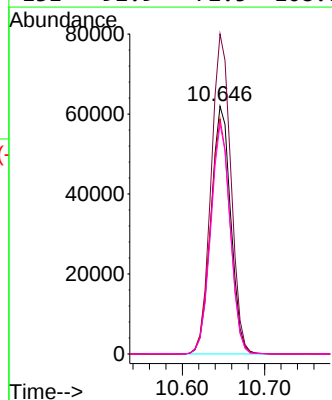
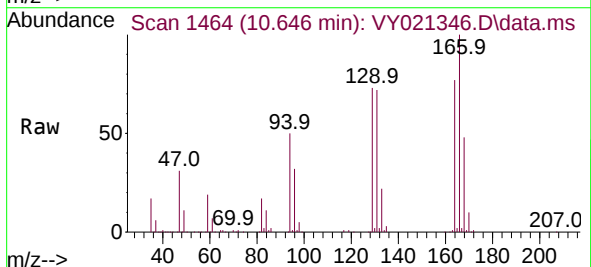
Ion Ratio Lower Upper

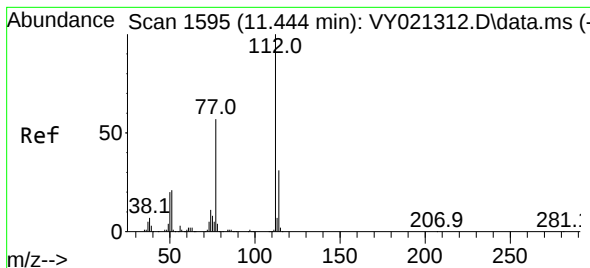
164 100

166 129.2 101.9 152.9

129 94.9 75.5 113.3

131 92.9 72.5 108.7





#65

Chlorobenzene

Concen: 47.611 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

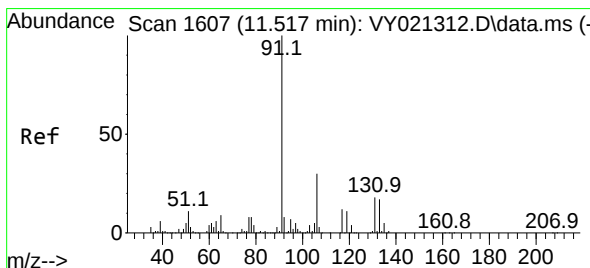
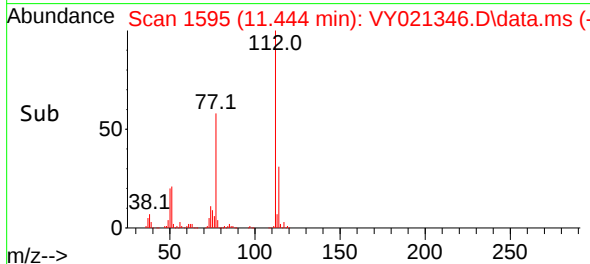
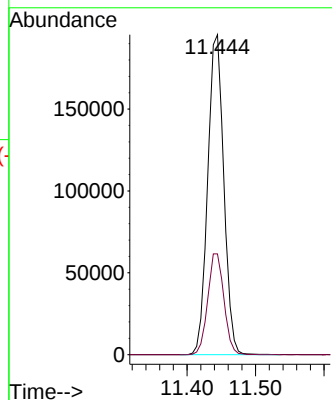
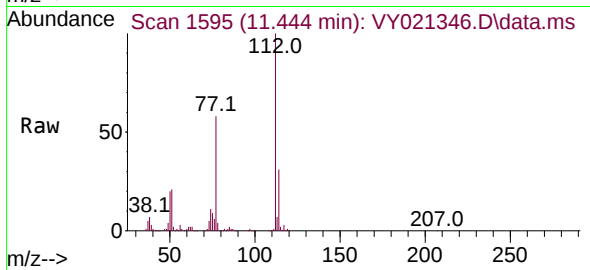
VSTDCCC050

Tgt Ion:112 Resp: 318660

Ion Ratio Lower Upper

112 100

114 31.5 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.843 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

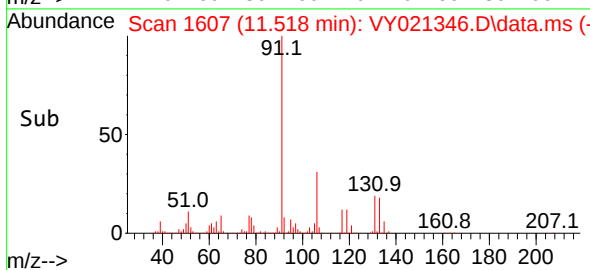
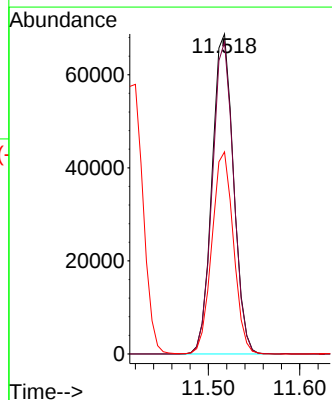
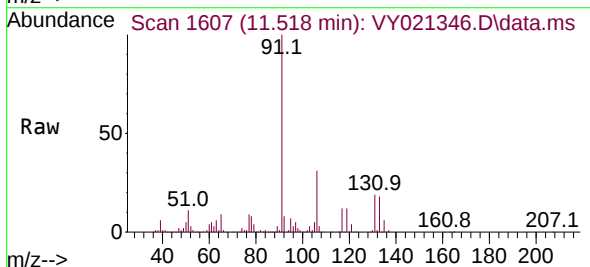
Tgt Ion:131 Resp: 112125

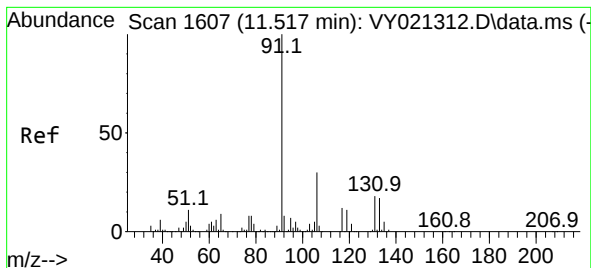
Ion Ratio Lower Upper

131 100

133 96.8 47.9 143.6

119 63.4 31.7 95.1





#67

Ethyl Benzene

Concen: 47.994 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

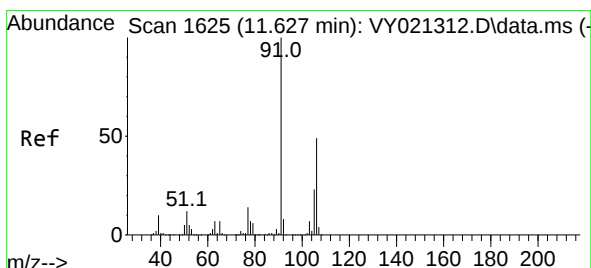
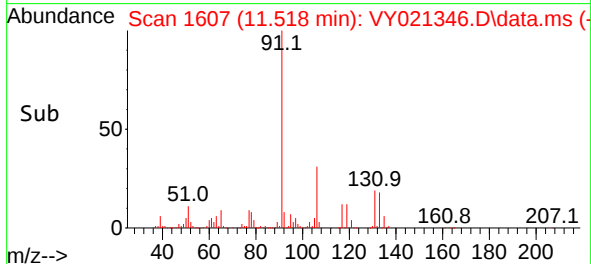
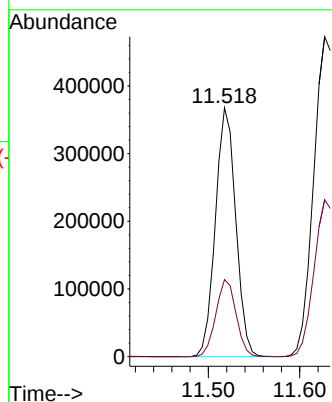
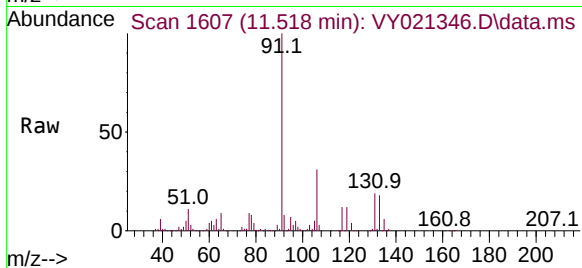
VSTDCCC050

Tgt Ion: 91 Resp: 568987

Ion Ratio Lower Upper

91 100

106 31.0 24.4 36.6



#68

m/p-Xylenes

Concen: 95.197 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021346.D

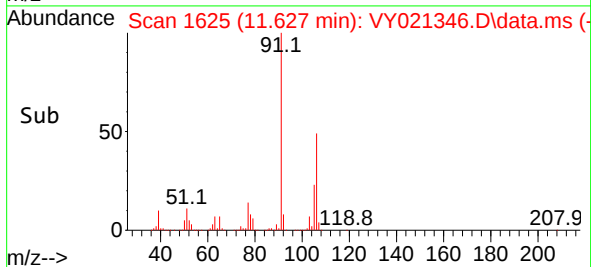
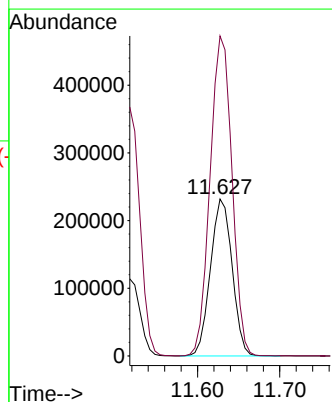
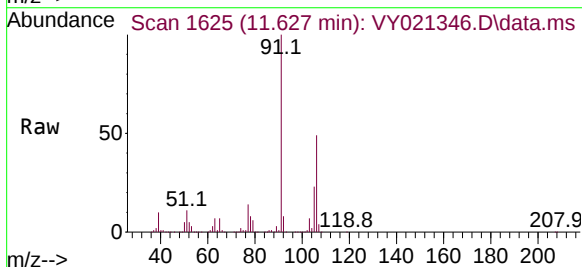
Acq: 27 Feb 2025 10:13

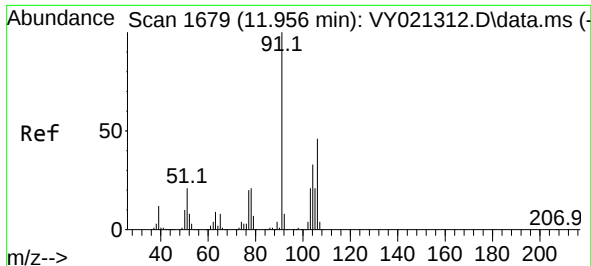
Tgt Ion:106 Resp: 424503

Ion Ratio Lower Upper

106 100

91 206.6 163.9 245.9

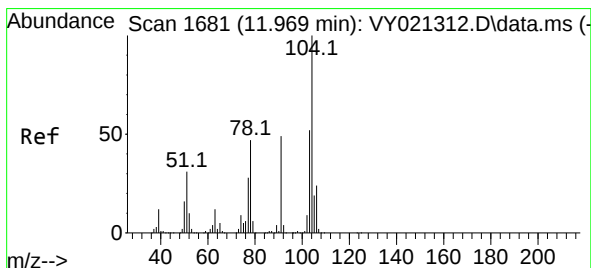
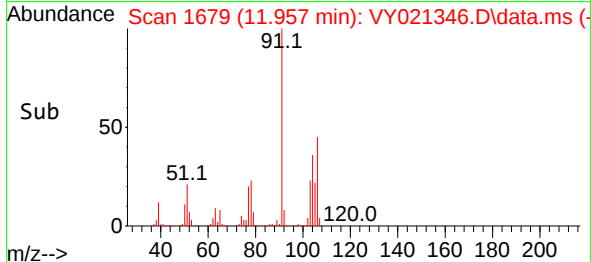
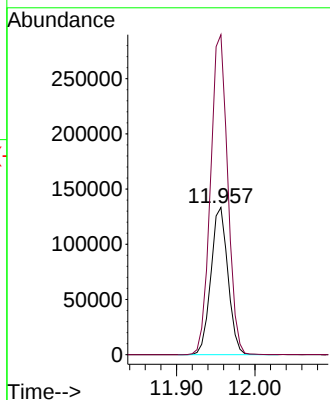
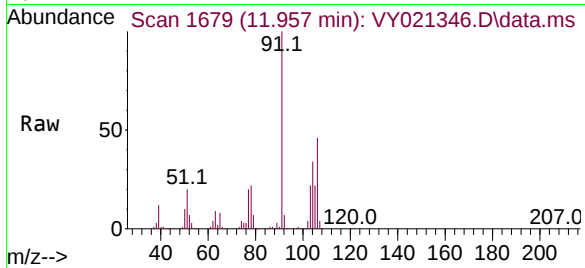




#69
o-Xylene
Concen: 48.118 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

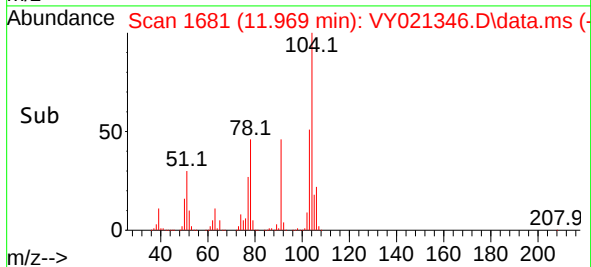
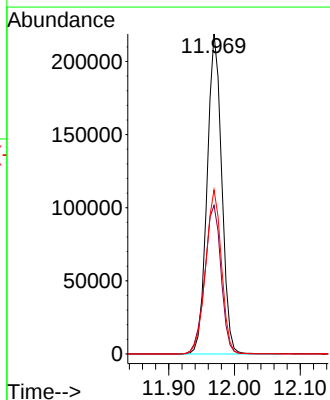
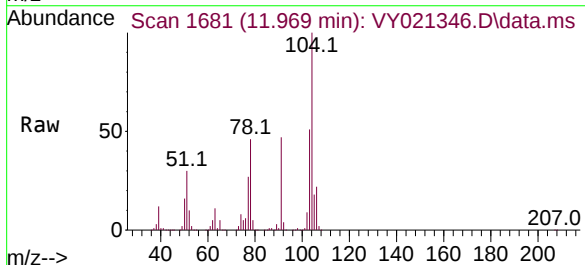
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 201012
Ion Ratio Lower Upper
106 100
91 219.8 108.1 324.2



#70
Styrene
Concen: 48.749 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion:104 Resp: 338828
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 55.4 43.9 65.9





#71

Bromoform

Concen: 49.136 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

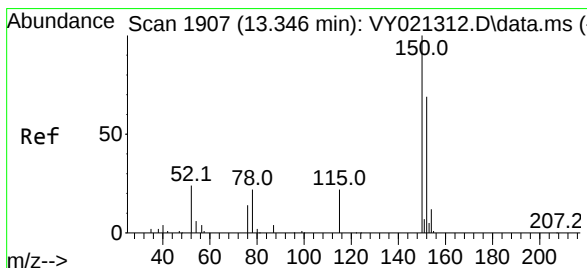
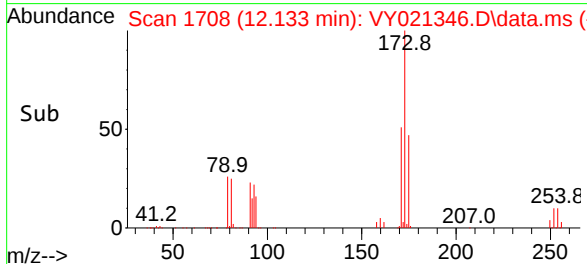
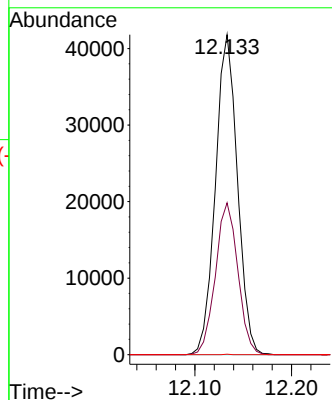
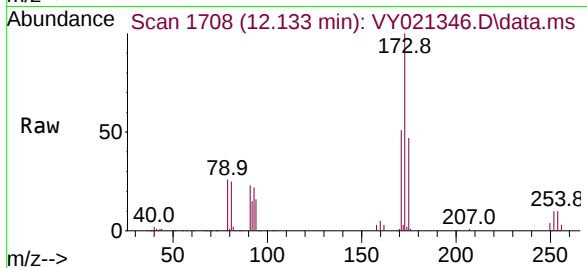
Tgt Ion:173 Resp: 65877

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.3

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

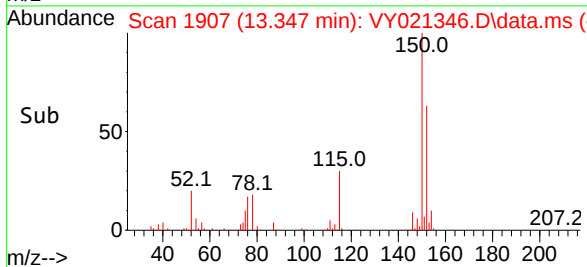
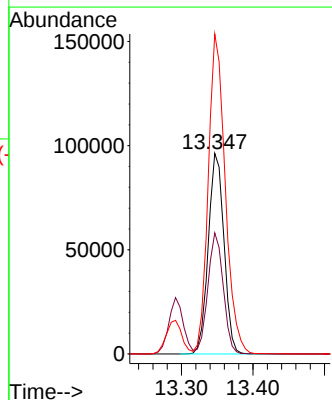
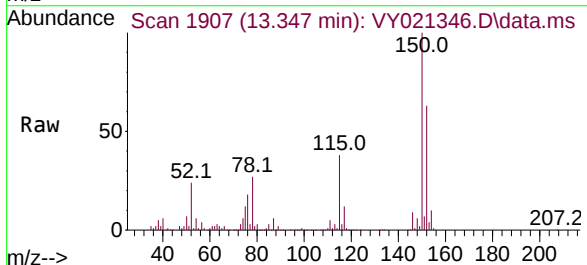
Tgt Ion:152 Resp: 146841

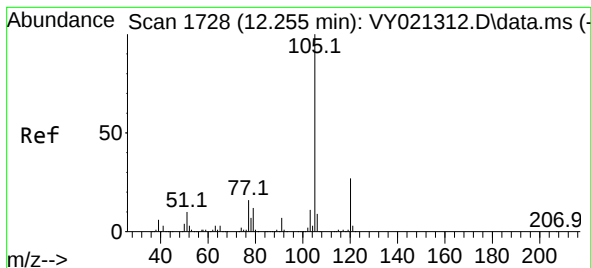
Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

150 172.7 0.0 347.4





#73

Isopropylbenzene

Concen: 48.407 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

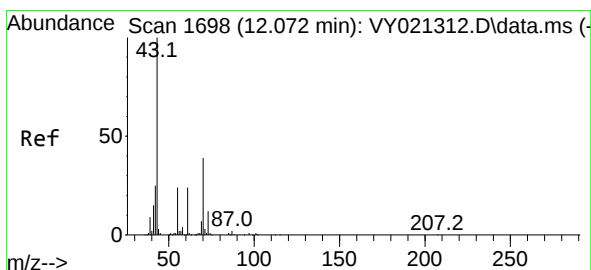
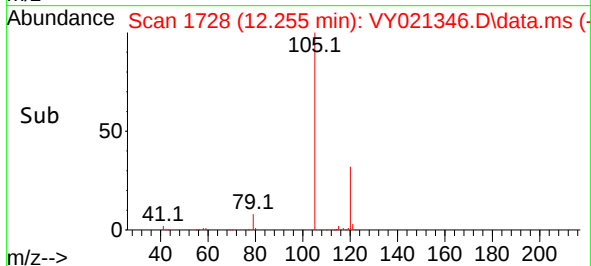
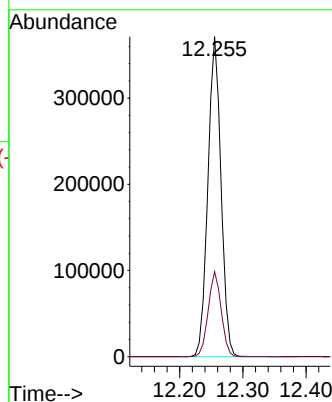
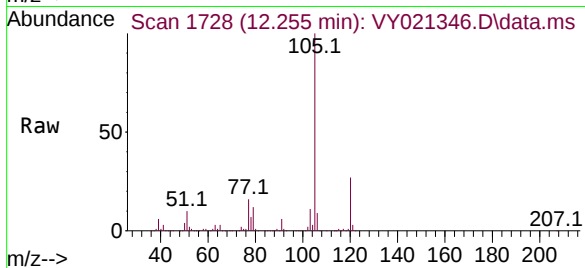
VSTDCCC050

Tgt Ion:105 Resp: 534388

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 49.139 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Tgt Ion: 43 Resp: 137883

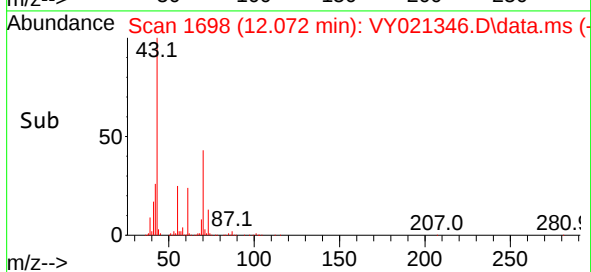
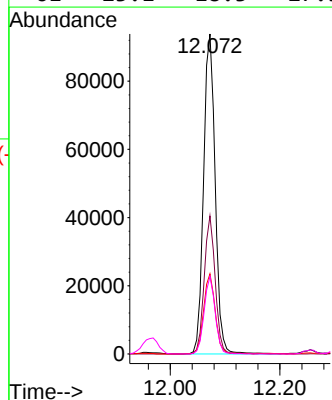
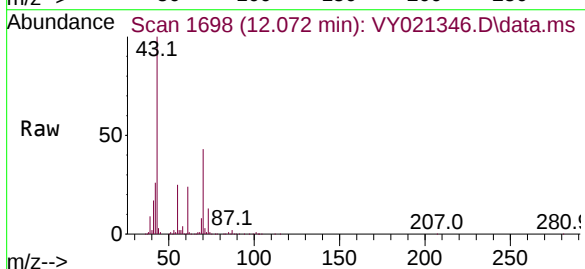
Ion Ratio Lower Upper

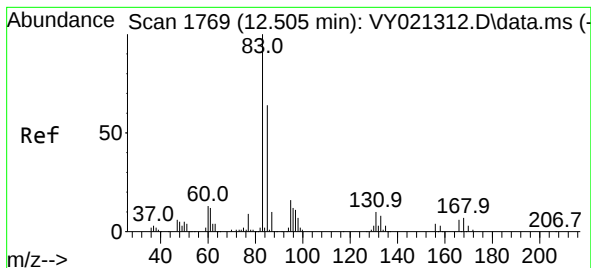
43 100

70 41.0 32.2 48.2

55 25.0 19.6 29.4

61 23.1 18.3 27.5

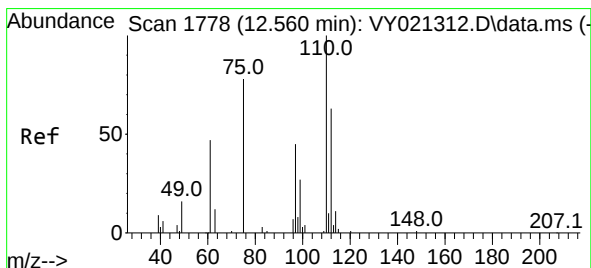
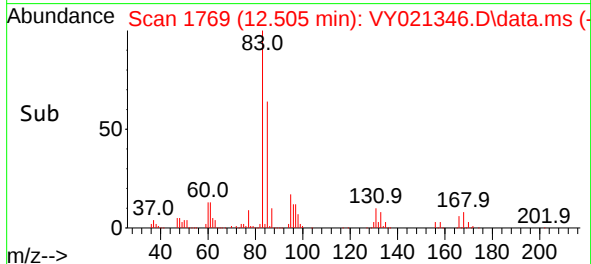
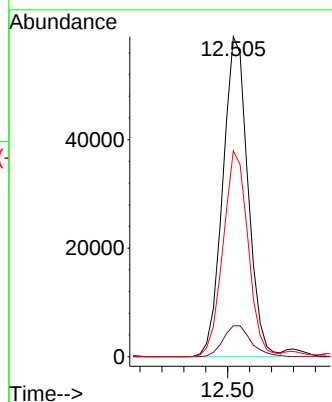
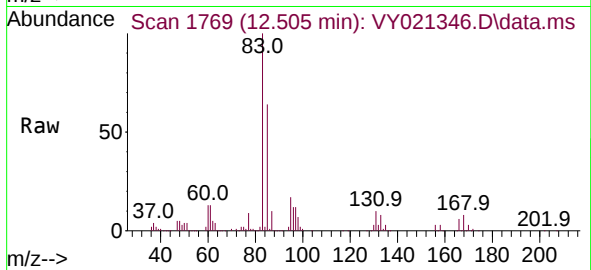




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.104 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021346.D
 Acq: 27 Feb 2025 10:13

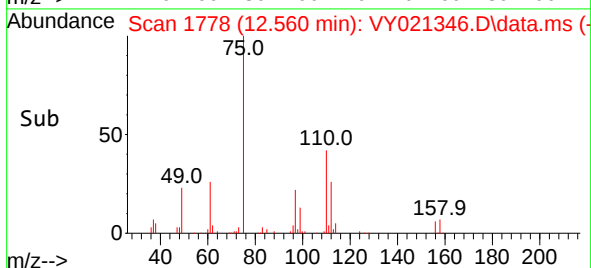
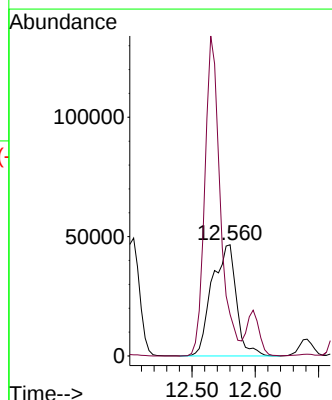
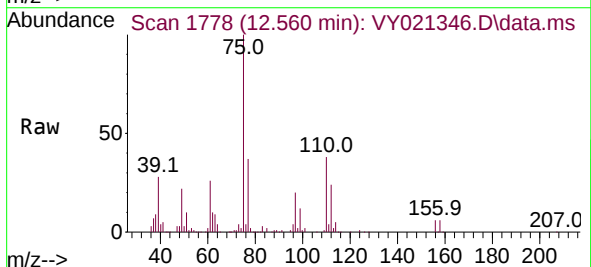
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

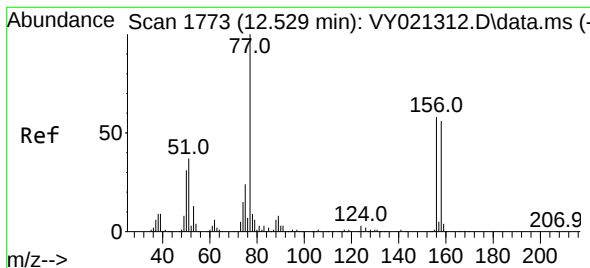
Tgt Ion: 83 Resp: 93722
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.2 15.6
 85 64.1 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 84.800 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021346.D
 Acq: 27 Feb 2025 10:13

Tgt Ion: 75 Resp: 124640
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.465 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

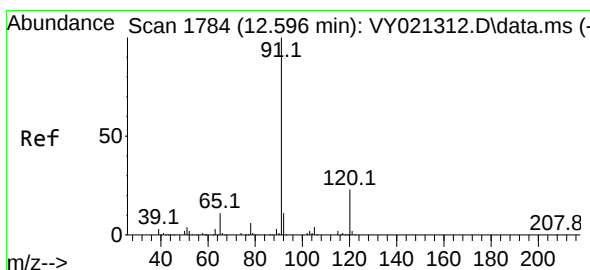
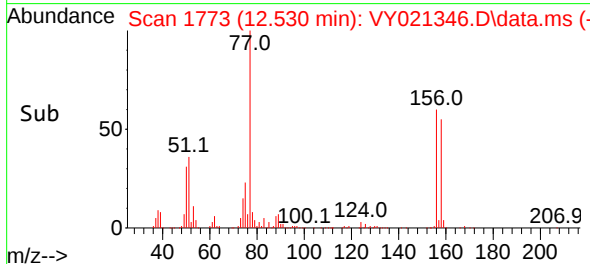
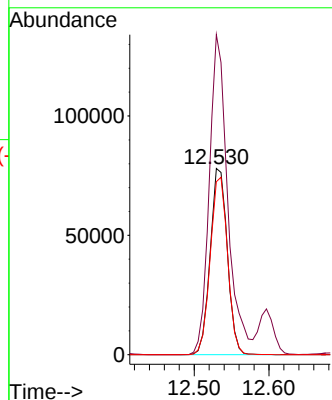
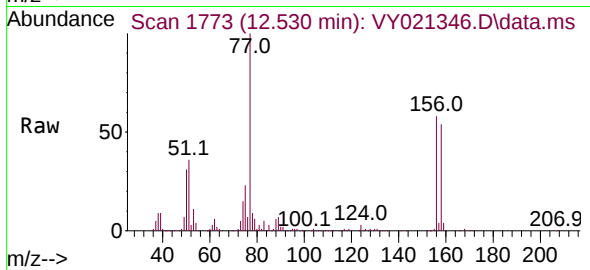
Tgt Ion:156 Resp: 124444

Ion Ratio Lower Upper

156 100

77 185.1 94.0 282.1

158 96.5 48.7 146.1



#78

n-propylbenzene

Concen: 48.033 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021346.D

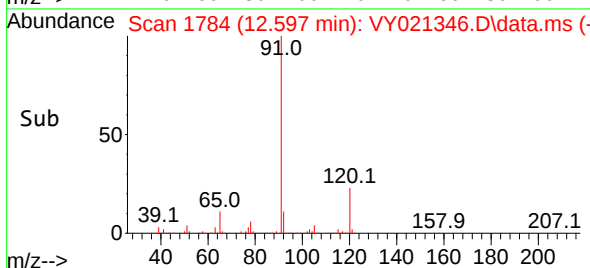
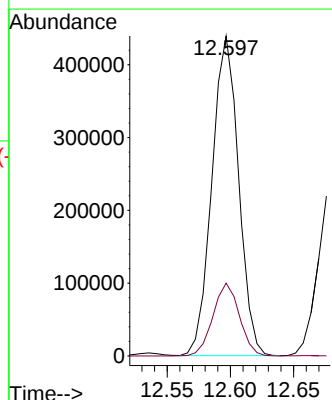
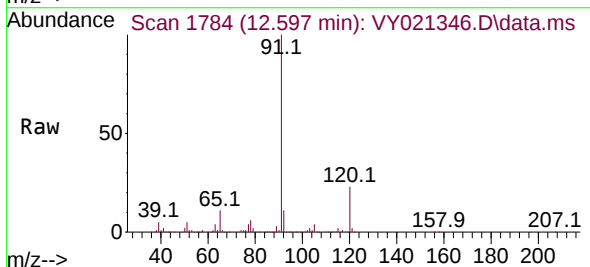
Acq: 27 Feb 2025 10:13

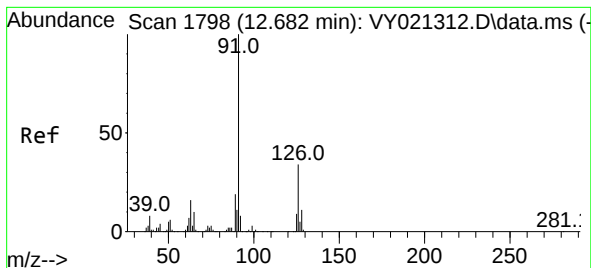
Tgt Ion: 91 Resp: 643447

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5

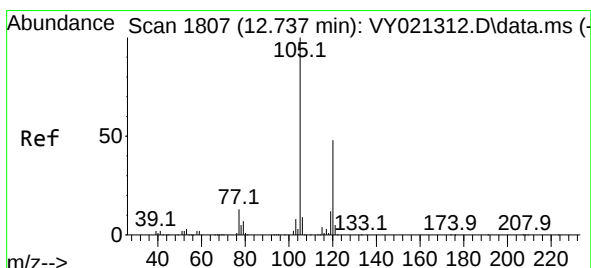
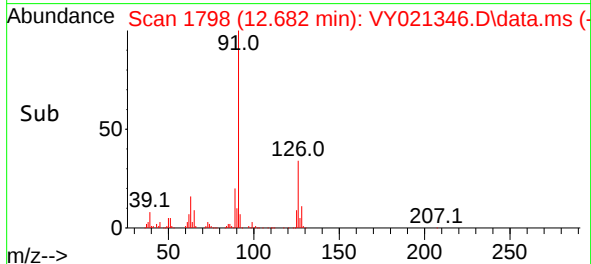
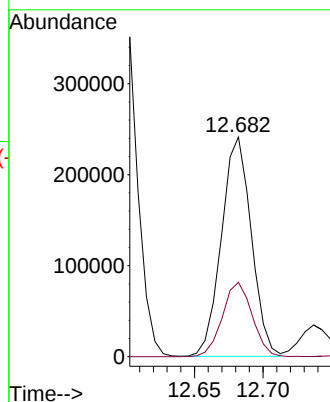
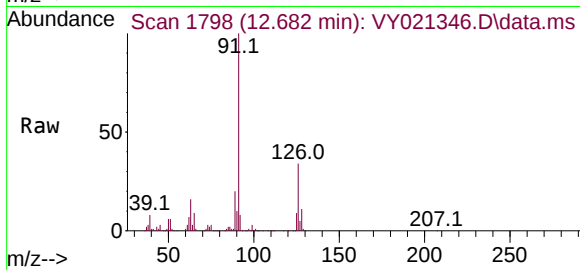




#79
2-Chlorotoluene
Concen: 47.609 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

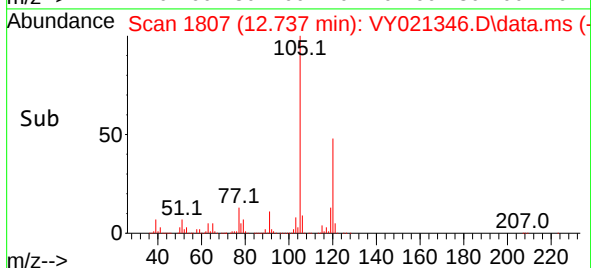
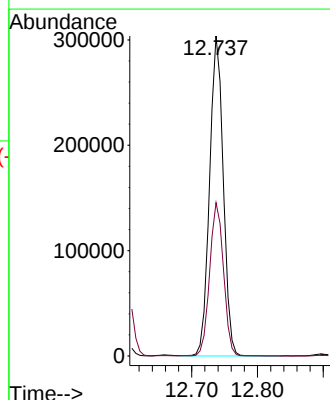
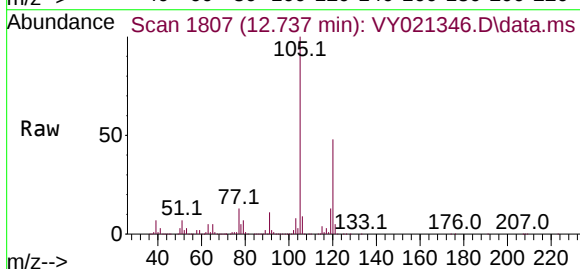
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

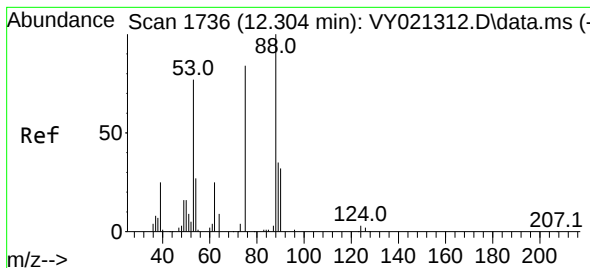
Tgt Ion: 91 Resp: 366017
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 48.538 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 105 Resp: 439469
Ion Ratio Lower Upper
105 100
120 48.4 24.3 73.0

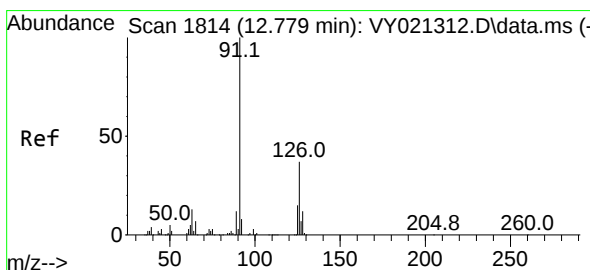
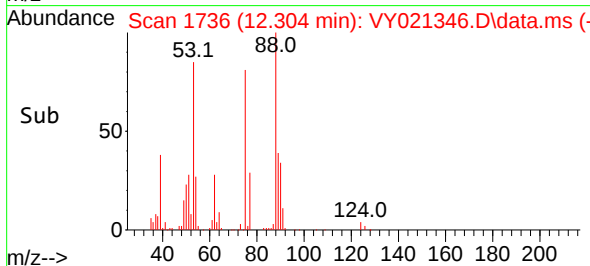
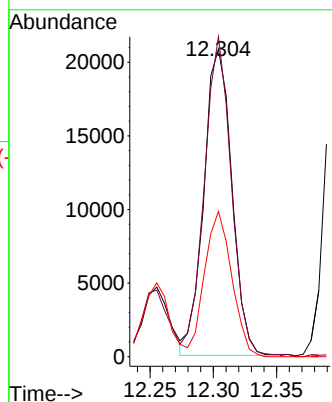
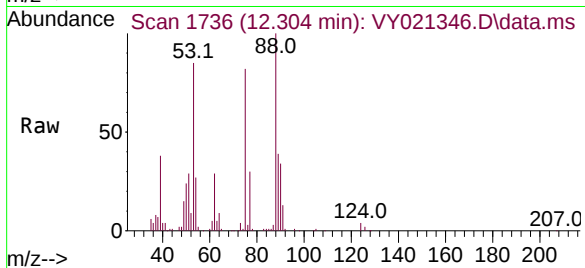




#81
trans-1,4-Dichloro-2-butene
Concen: 48.545 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

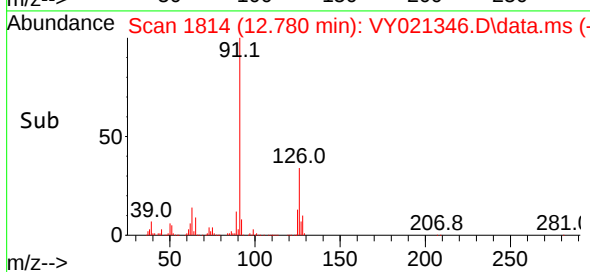
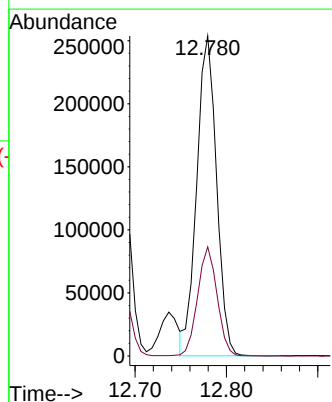
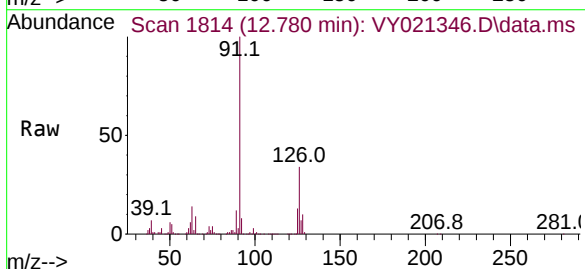
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

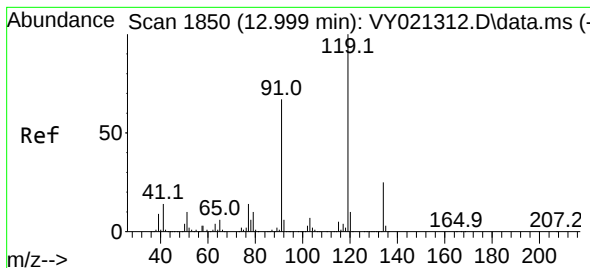
Tgt Ion: 75 Resp: 32102
Ion Ratio Lower Upper
75 100
53 101.1 79.1 118.7
89 45.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 47.811 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 91 Resp: 381031
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

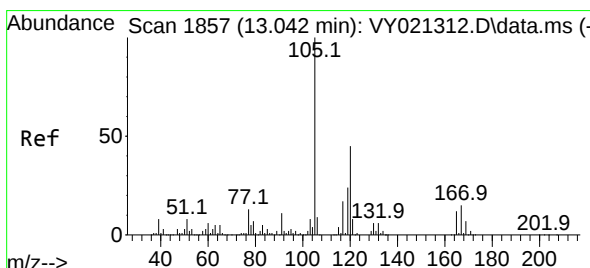
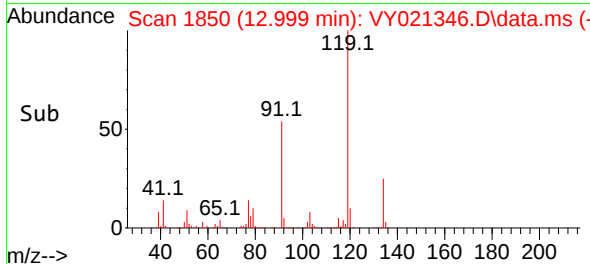
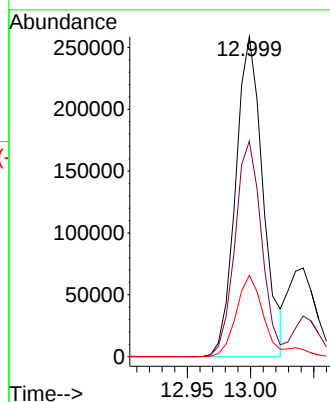
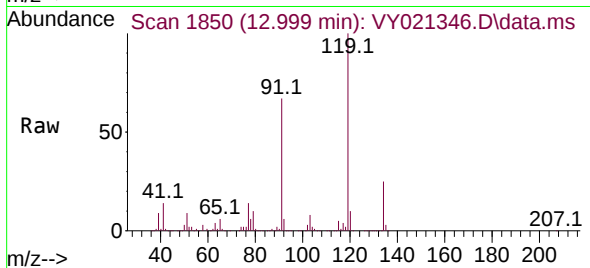




#83
tert-Butylbenzene
Concen: 47.569 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

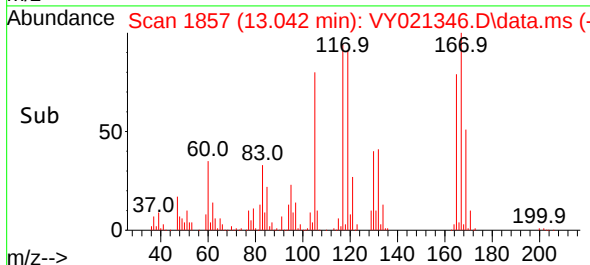
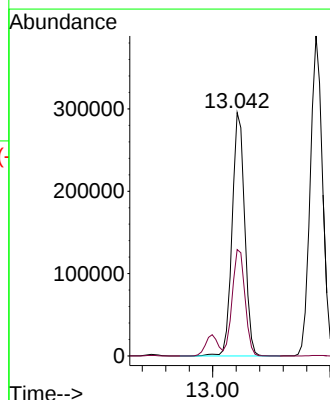
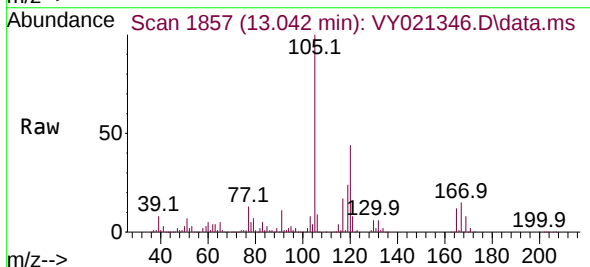
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

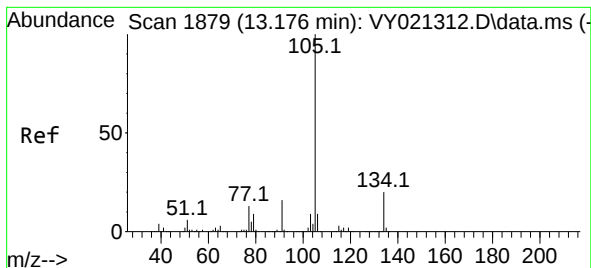
Tgt Ion:119 Resp: 389054
Ion Ratio Lower Upper
119 100
91 65.6 32.7 98.1
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 48.670 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion:105 Resp: 438264
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 47.165 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

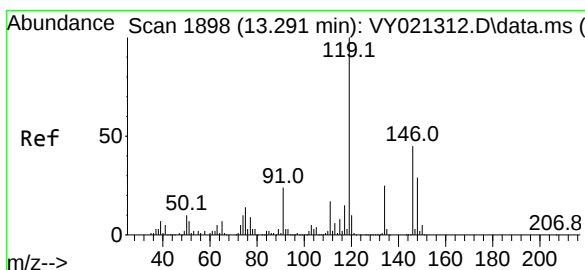
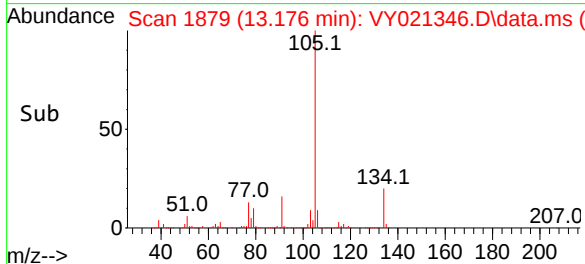
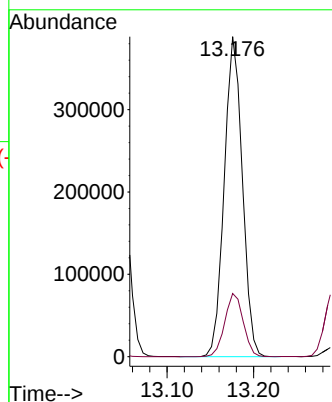
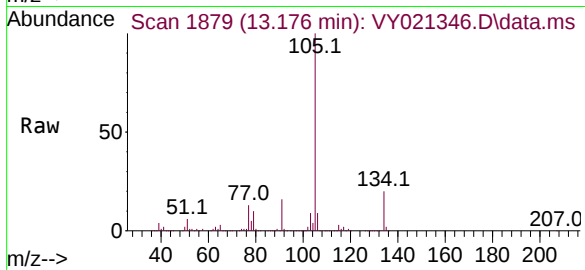
VSTDCCC050

Tgt Ion:105 Resp: 563465

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0



#86

p-Isopropyltoluene

Concen: 47.673 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

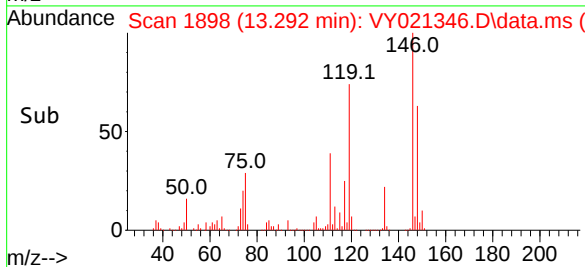
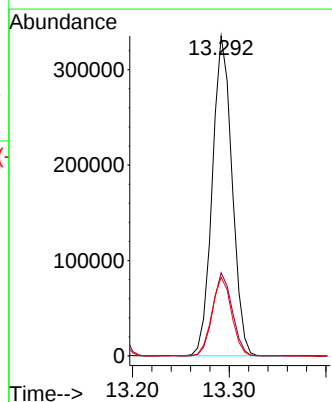
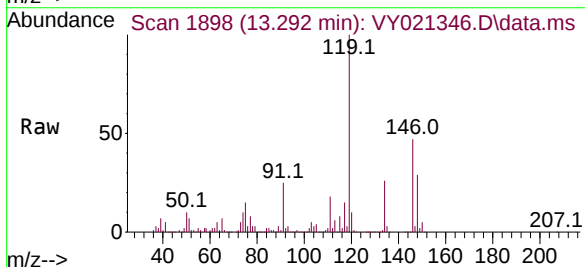
Tgt Ion:119 Resp: 475557

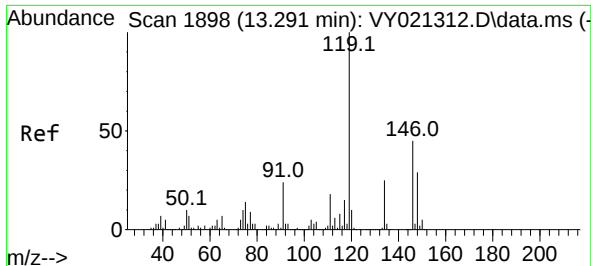
Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 24.3 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 47.054 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

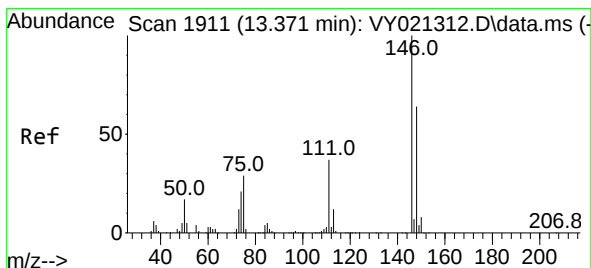
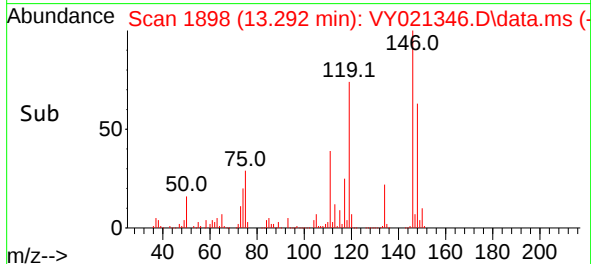
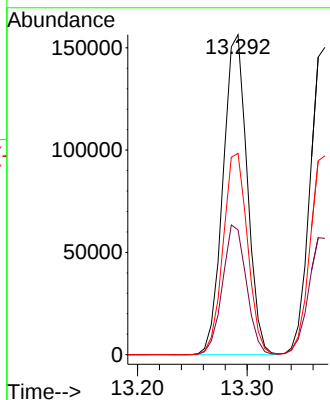
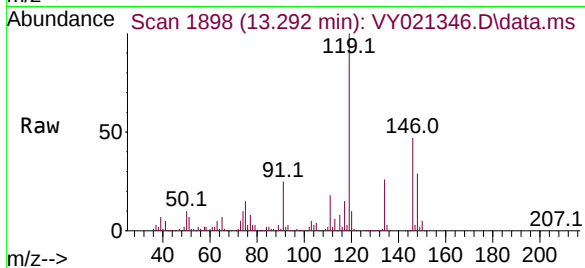
Tgt Ion:146 Resp: 238997

Ion Ratio Lower Upper

146 100

111 40.4 20.0 59.9

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 46.771 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

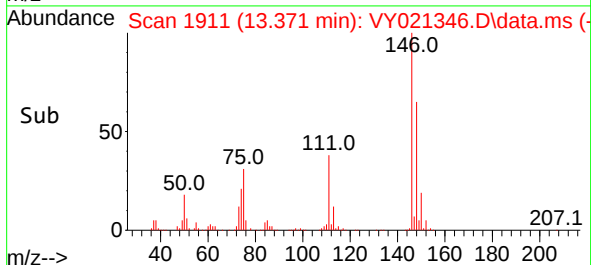
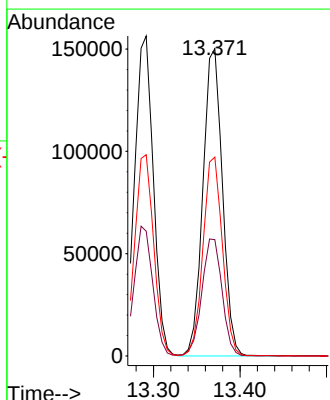
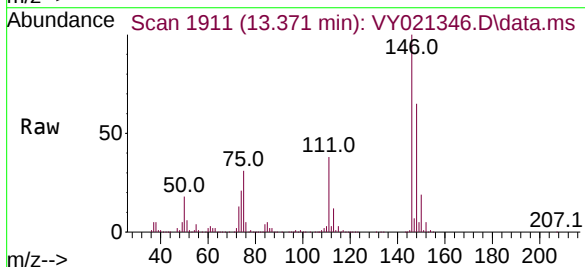
Tgt Ion:146 Resp: 234683

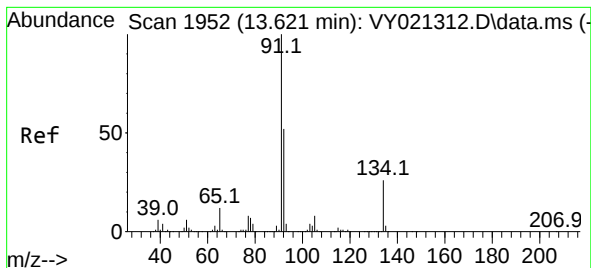
Ion Ratio Lower Upper

146 100

111 39.3 19.5 58.5

148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 47.641 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

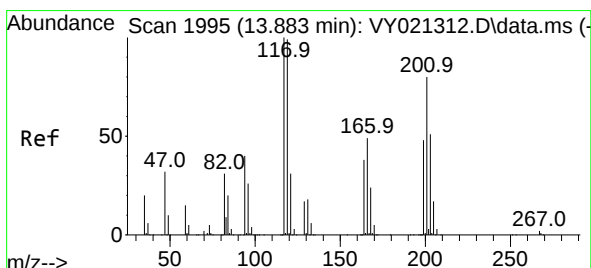
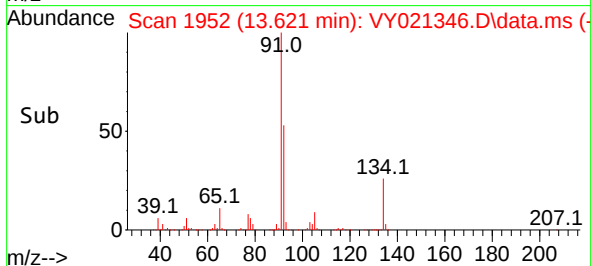
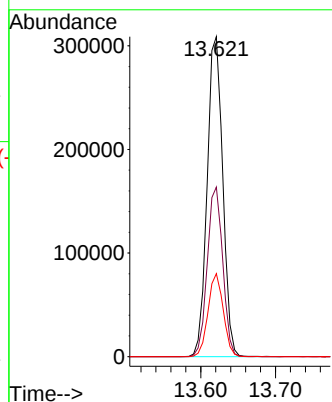
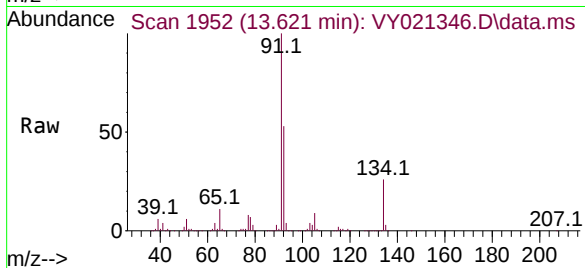
Tgt Ion: 91 Resp: 447227

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 25.4 12.7 38.0



#90

Hexachloroethane

Concen: 45.677 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021346.D

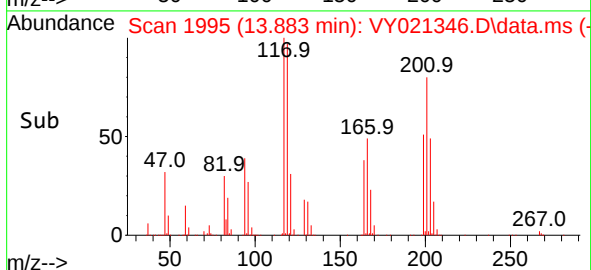
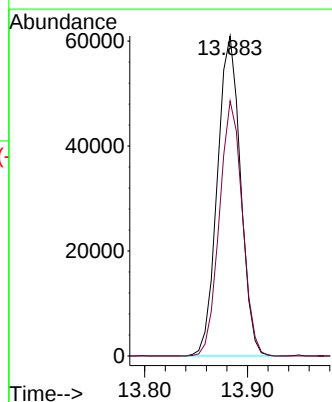
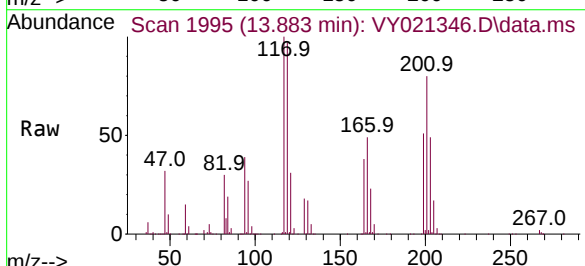
Acq: 27 Feb 2025 10:13

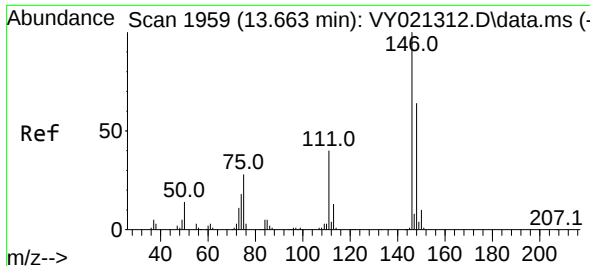
Tgt Ion: 117 Resp: 95176

Ion Ratio Lower Upper

117 100

201 78.9 38.4 115.2

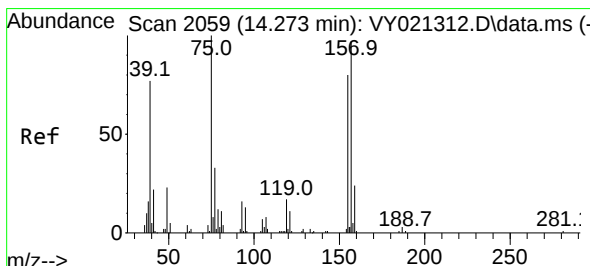
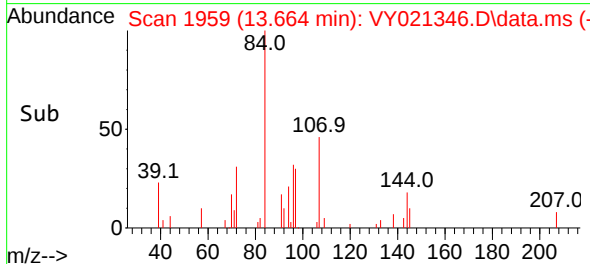
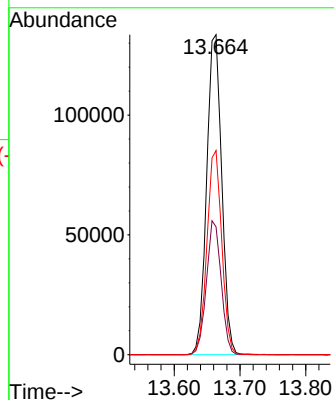
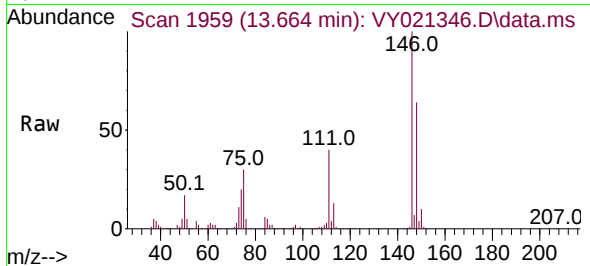




#91
1,2-Dichlorobenzene
Concen: 47.806 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

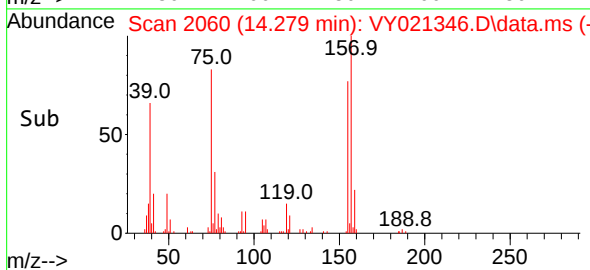
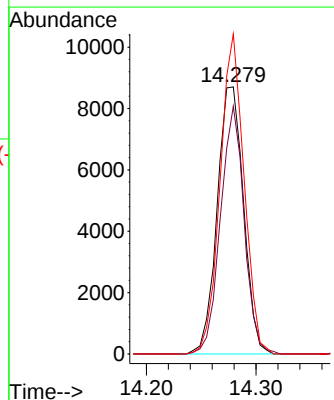
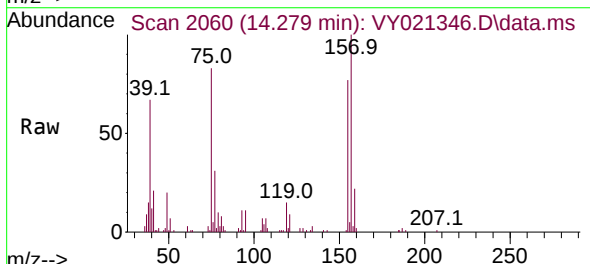
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

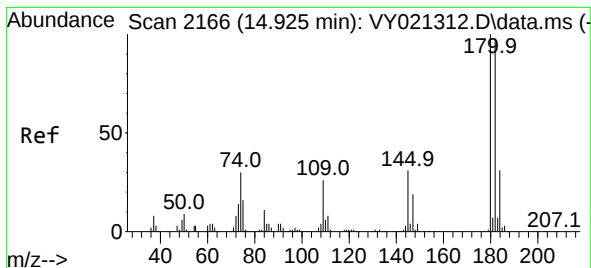
Tgt Ion:146 Resp: 212743
Ion Ratio Lower Upper
146 100
111 41.0 20.7 62.1
148 62.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.180 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021346.D
Acq: 27 Feb 2025 10:13

Tgt Ion: 75 Resp: 14541
Ion Ratio Lower Upper
75 100
155 83.1 41.9 125.6
157 108.7 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 47.123 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

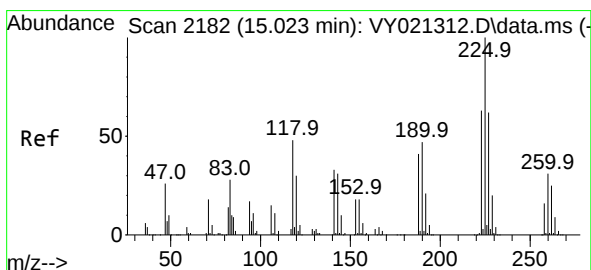
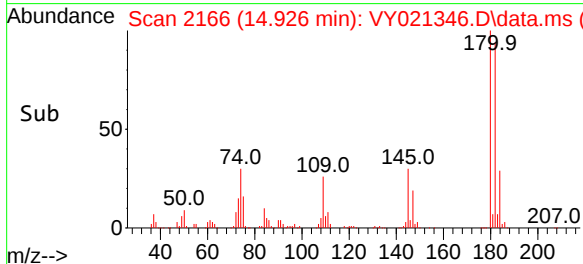
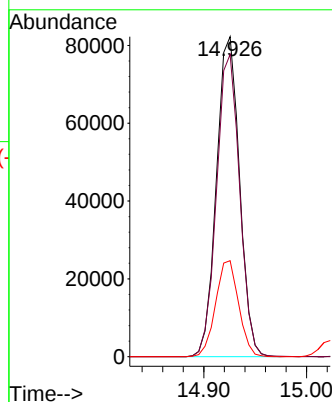
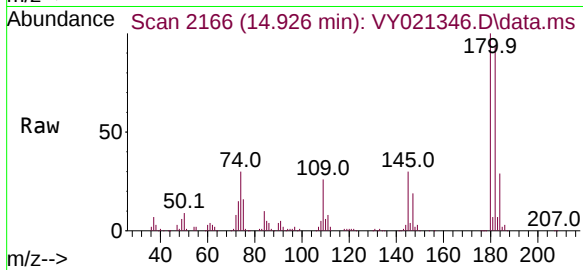
Tgt Ion:180 Resp: 127990

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 30.0 15.6 46.8



#94

Hexachlorobutadiene

Concen: 44.693 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

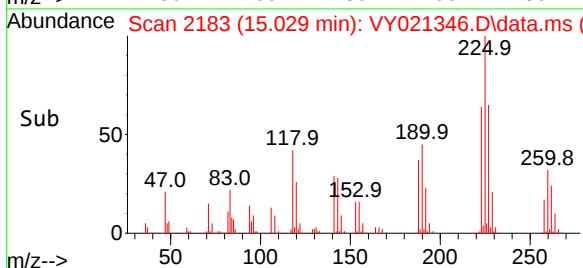
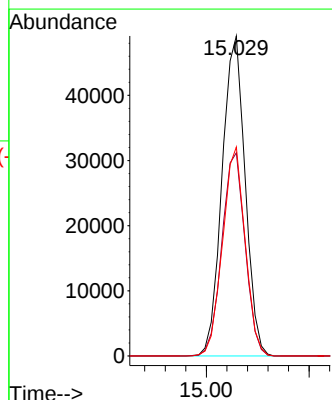
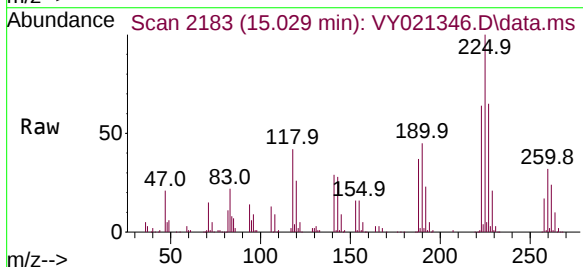
Tgt Ion:225 Resp: 76423

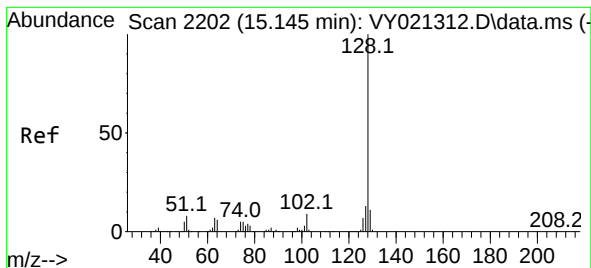
Ion Ratio Lower Upper

225 100

223 63.9 31.8 95.4

227 63.9 31.9 95.7





#95

Naphthalene

Concen: 48.854 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

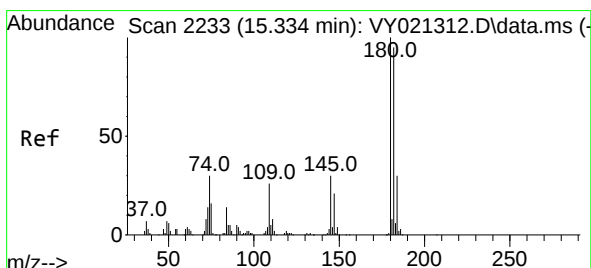
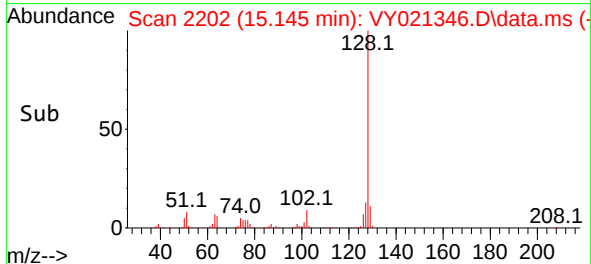
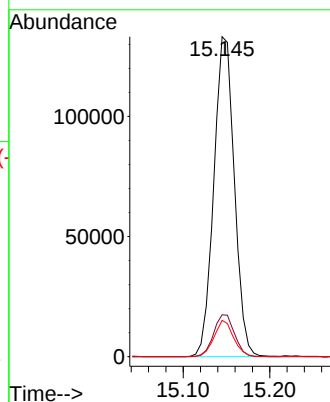
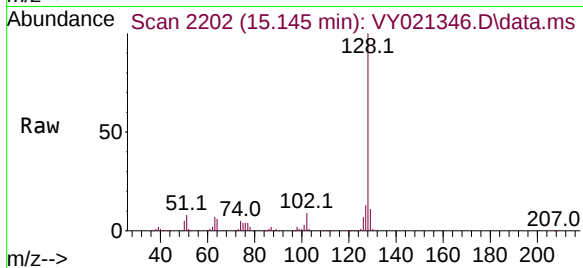
Tgt Ion:128 Resp: 219783

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 47.257 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021346.D

Acq: 27 Feb 2025 10:13

Tgt Ion:180 Resp: 108446

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.9

145 31.7 16.1 48.3

