

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021310.D
 Acq On : 25 Feb 2025 13:03
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Feb 26 01:43:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 01:41:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	185658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	289178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	250629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18938	8.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	17.980%#
35) Dibromofluoromethane	7.634	113	17267	9.108	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	18.220%#
50) Toluene-d8	10.103	98	66979	9.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	18.280%#
62) 4-Bromofluorobenzene	12.408	95	22364	9.069	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.140%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	17969	10.208	ug/l	99
3) Chloromethane	2.068	50	23321	10.259	ug/l	96
4) Vinyl Chloride	2.202	62	21933	9.830	ug/l	99
5) Bromomethane	2.592	94	15371	10.366	ug/l	92
6) Chloroethane	2.732	64	13561	9.801	ug/l	96
7) Trichlorofluoromethane	3.056	101	33977	10.083	ug/l	96
8) Diethyl Ether	3.452	74	9792	9.682	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	19660	10.077	ug/l	99
10) Methyl Iodide	4.001	142	17573	8.562	ug/l	99
11) Tert butyl alcohol	4.854	59	8754	54.037	ug/l #	81
12) 1,1-Dichloroethene	3.793	96	18141	9.711	ug/l	87
13) Acrolein	3.647	56	10715	86.313	ug/l	97
14) Allyl chloride	4.385	41	31462	9.499	ug/l	98
15) Acrylonitrile	5.061	53	21273	47.572	ug/l	98
16) Acetone	3.866	43	19023	47.086	ug/l	92
17) Carbon Disulfide	4.104	76	61336	9.888	ug/l	100
18) Methyl Acetate	4.379	43	9259	9.378	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	47090	9.541	ug/l	98
20) Methylene Chloride	4.610	84	22192	10.158	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	19921	9.687	ug/l	94
22) Diisopropyl ether	6.012	45	66598	9.717	ug/l	93
23) Vinyl Acetate	5.957	43	193291	47.195	ug/l	99
24) 1,1-Dichloroethane	5.909	63	38311	9.918	ug/l	98
25) 2-Butanone	6.896	43	28711	47.087	ug/l	99
26) 2,2-Dichloropropane	6.884	77	34859	9.945	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	22663	9.651	ug/l	99
28) Bromochloromethane	7.244	49	16417	9.605	ug/l	100
29) Tetrahydrofuran	7.262	42	18625	46.731	ug/l	99
30) Chloroform	7.415	83	38838	9.922	ug/l	97
31) Cyclohexane	7.701	56	38072	10.253	ug/l #	88
32) 1,1,1-Trichloroethane	7.616	97	35489	9.961	ug/l	99
36) 1,1-Dichloropropene	7.829	75	28171	9.892	ug/l	99
37) Ethyl Acetate	6.982	43	14219	10.038	ug/l	98
38) Carbon Tetrachloride	7.811	117	32494	10.149	ug/l	96
39) Methylcyclohexane	9.103	83	35431	9.837	ug/l	95
40) Benzene	8.079	78	83594	9.930	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	6845	8.642	ug/l	92
42) 1,2-Dichloroethane	8.158	62	24091	10.087	ug/l	99
43) Isopropyl Acetate	8.195	43	25874	9.436	ug/l	99
44) Trichloroethene	8.859	130	20823	9.880	ug/l	97
45) 1,2-Dichloropropane	9.140	63	20214	9.978	ug/l	98
46) Dibromomethane	9.231	93	10902	9.845	ug/l	99
47) Bromodichloromethane	9.420	83	29114	9.860	ug/l	97
48) Methyl methacrylate	9.219	41	11652	9.088	ug/l	96
49) 1,4-Dioxane	9.225	88	2309	187.520	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	65698	46.808	ug/l	99
52) Toluene	10.170	92	51371	9.823	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	25218	9.322	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	30428	9.528	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	14509	10.057	ug/l	96
56) Ethyl methacrylate	10.438	69	17817	8.938	ug/l	96
57) 1,3-Dichloropropane	10.713	76	24769	9.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	42304	44.215	ug/l	100
59) 2-Hexanone	10.755	43	42123	45.697	ug/l	99
60) Dibromochloromethane	10.908	129	18793	9.565	ug/l	96
61) 1,2-Dibromoethane	11.011	107	13351	9.775	ug/l	98
64) Tetrachloroethene	10.646	164	19065	10.064	ug/l	97
65) Chlorobenzene	11.438	112	55689	9.899	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	20089	10.198	ug/l	98
67) Ethyl Benzene	11.517	91	97299	9.764	ug/l	99
68) m/p-Xylenes	11.627	106	73991	19.740	ug/l	99
69) o-Xylene	11.950	106	33822	9.632	ug/l	99
70) Styrene	11.969	104	56550	9.679	ug/l	99
71) Bromoform	12.133	173	11067	9.820	ug/l #	100
73) Isopropylbenzene	12.255	105	90221	9.590	ug/l	100
74) N-amyl acetate	12.066	43	21370	8.937	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	16246	9.785	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	21157	16.789	ug/l #	100
77) Bromobenzene	12.529	156	21097	9.641	ug/l	99
78) n-propylbenzene	12.597	91	110190	9.652	ug/l	99
79) 2-Chlorotoluene	12.682	91	64018	9.771	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	74498	9.655	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5238	9.295	ug/l	96
82) 4-Chlorotoluene	12.773	91	66701	9.821	ug/l	100
83) tert-Butylbenzene	12.999	119	68905	9.886	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	74032	9.647	ug/l	99
85) sec-Butylbenzene	13.176	105	100189	9.841	ug/l	99
86) p-Isopropyltoluene	13.292	119	81769	9.619	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	43267	9.996	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	42788	10.006	ug/l	98
89) n-Butylbenzene	13.615	91	76325	9.541	ug/l	99
90) Hexachloroethane	13.877	117	17261	9.721	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	37522	9.894	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2424	9.229	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	21234	9.174	ug/l	97
94) Hexachlorobutadiene	15.023	225	14346	9.845	ug/l	99
95) Naphthalene	15.145	128	32094	8.371	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	17983	9.195	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

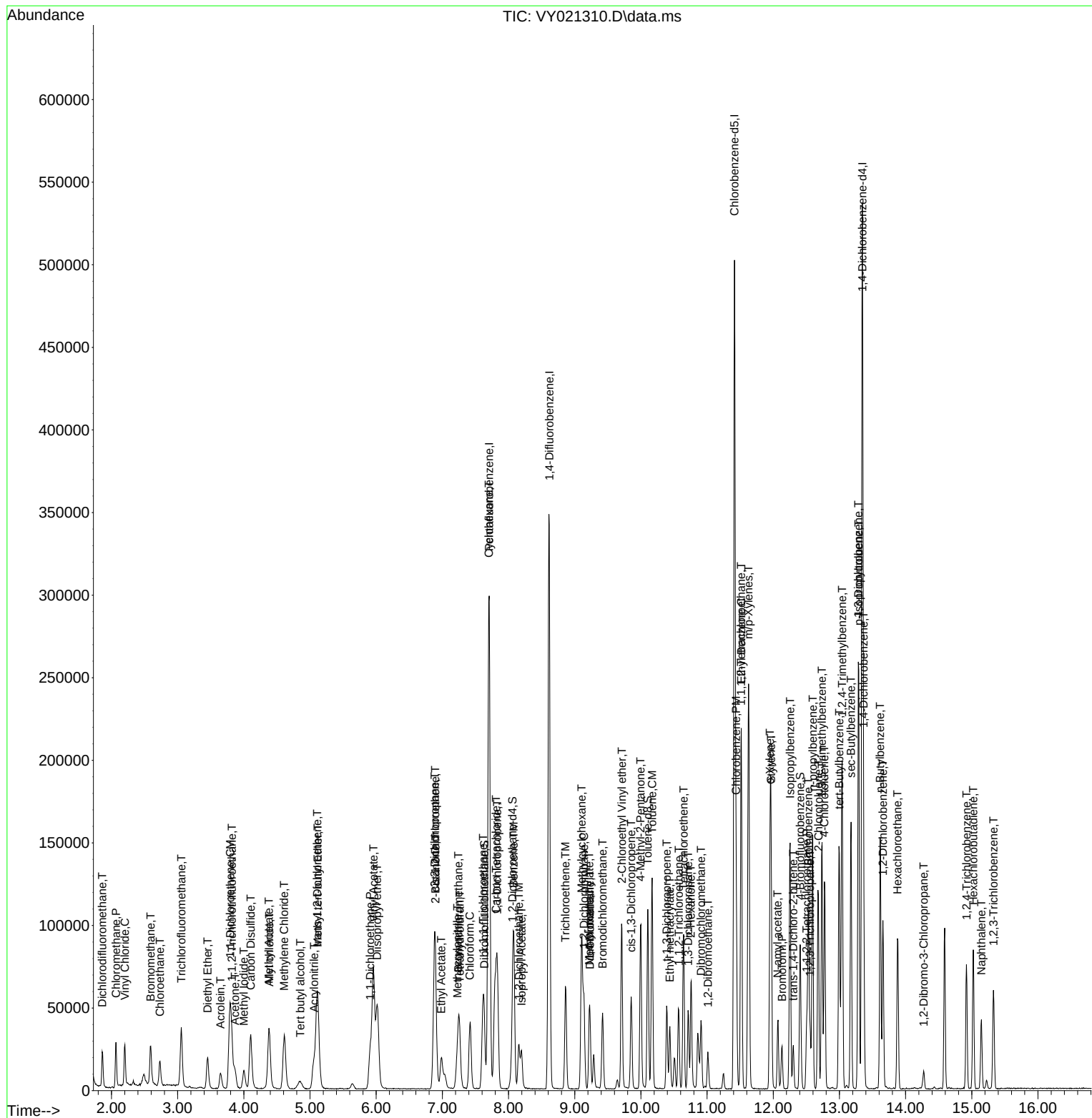
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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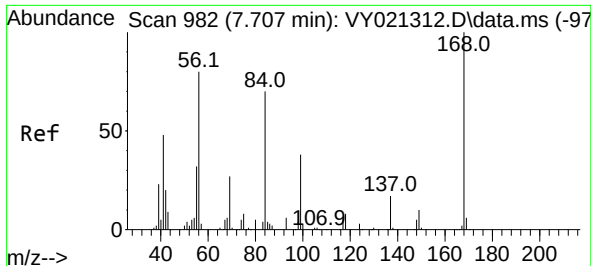
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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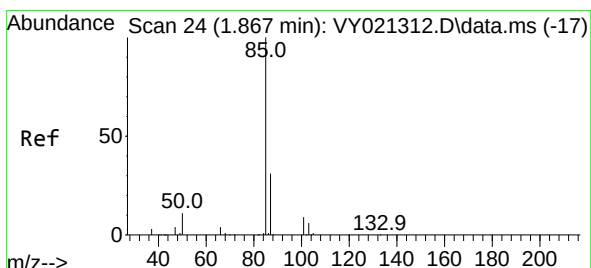
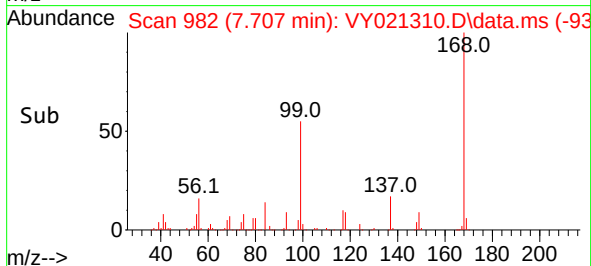
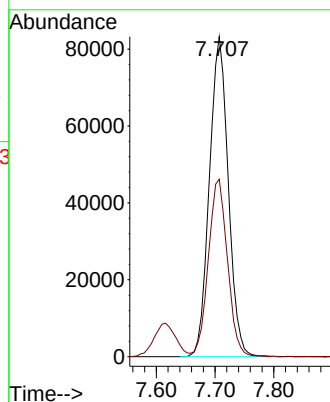
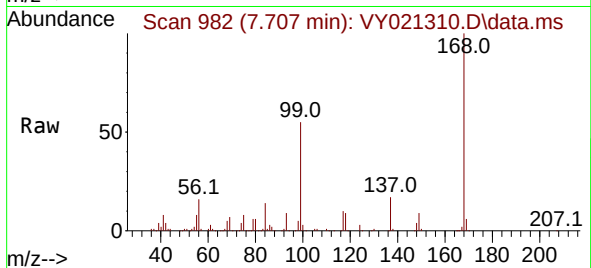




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021310.D
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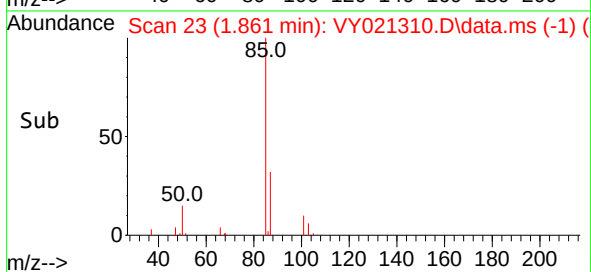
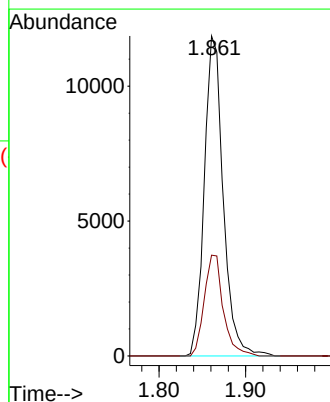
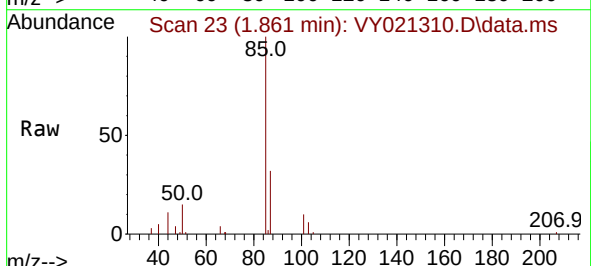
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

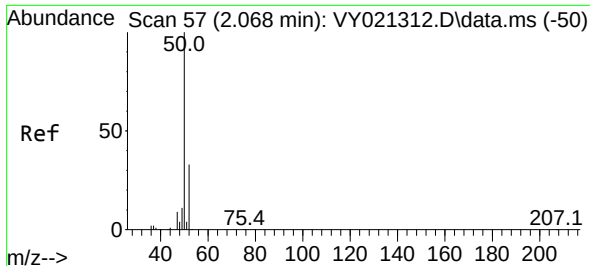
Tgt Ion:168 Resp: 185658
Ion Ratio Lower Upper
168 100
99 55.4 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 10.208 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 85 Resp: 17969
Ion Ratio Lower Upper
85 100
87 31.5 15.4 46.4

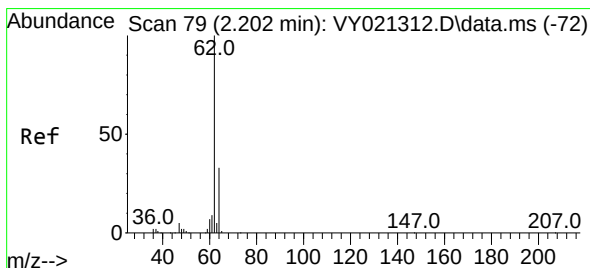
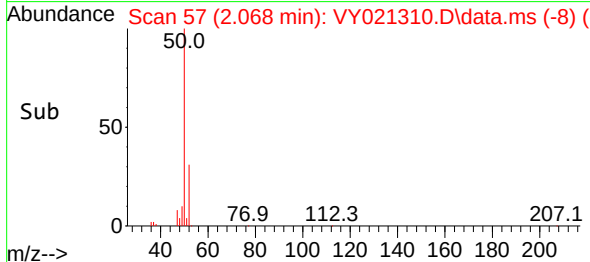
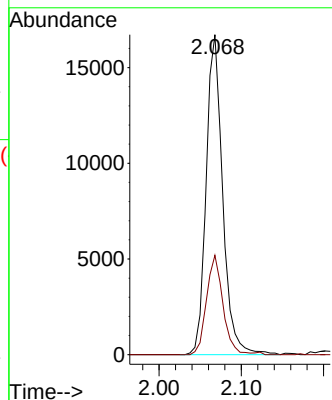
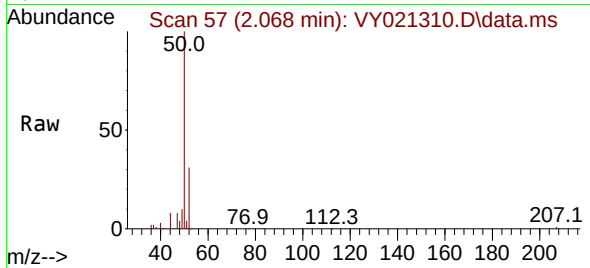




#3
Chloromethane
Concen: 10.259 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

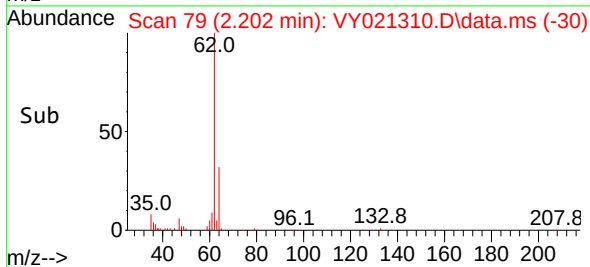
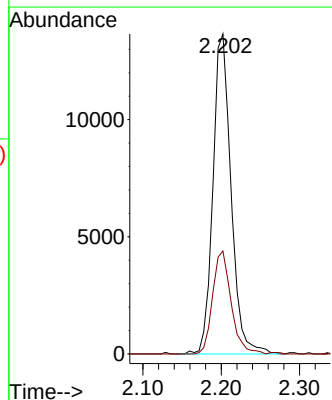
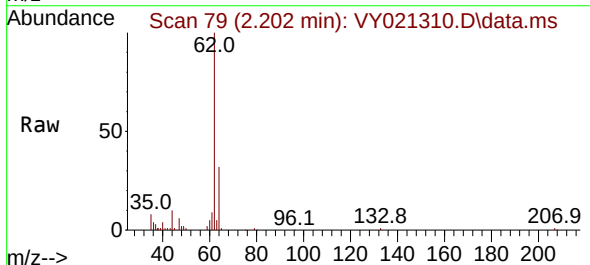
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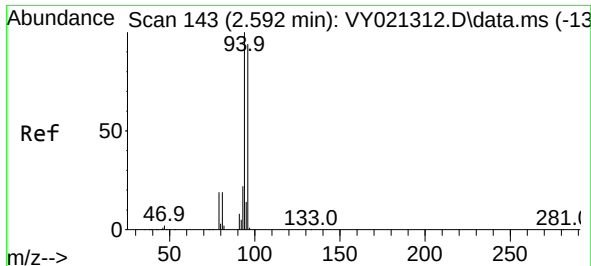
Tgt Ion: 50 Resp: 23321
Ion Ratio Lower Upper
50 100
52 31.1 26.6 40.0



#4
Vinyl Chloride
Concen: 9.830 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 62 Resp: 21933
Ion Ratio Lower Upper
62 100
64 32.1 26.3 39.5

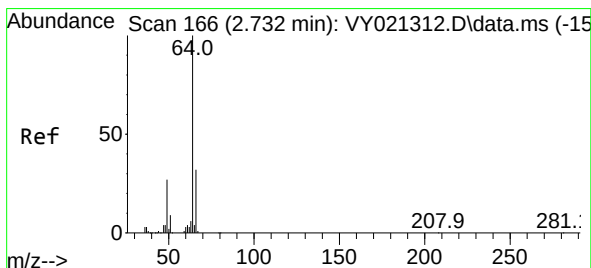
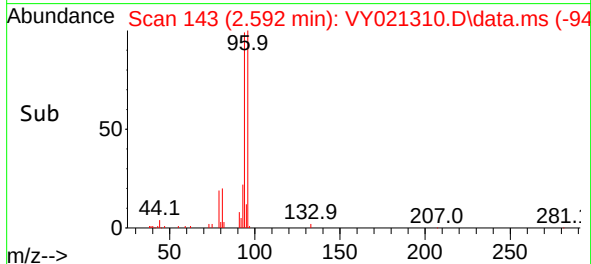
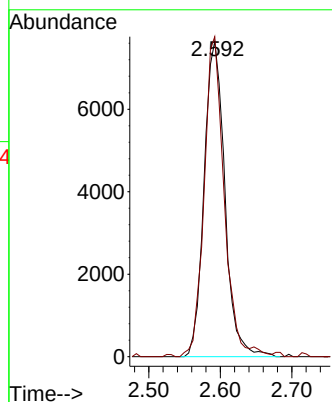
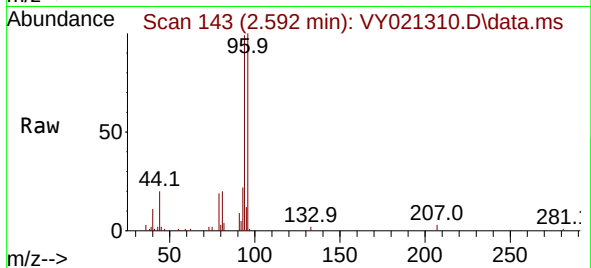




#5
Bromomethane
Concen: 10.366 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

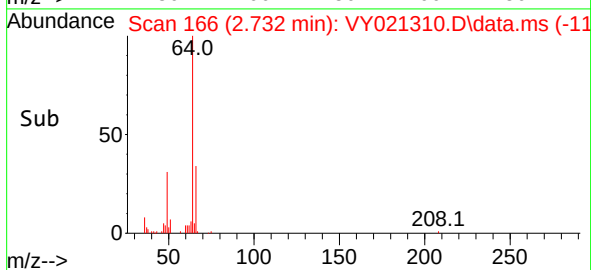
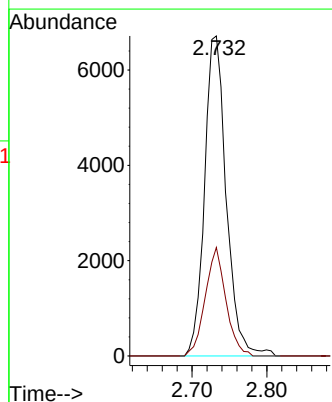
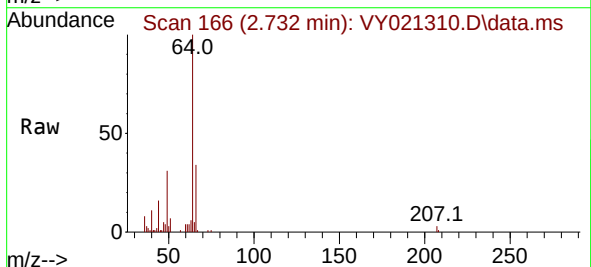
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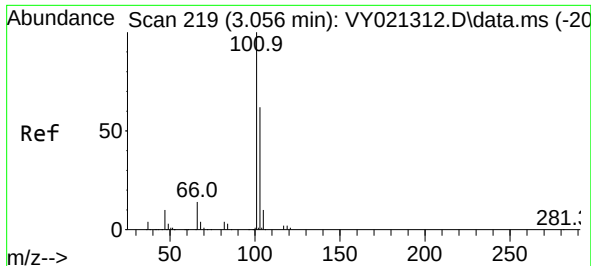
Tgt Ion: 94 Resp: 15371
Ion Ratio Lower Upper
94 100
96 101.5 75.2 112.8



#6
Chloroethane
Concen: 9.801 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 64 Resp: 13561
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.0

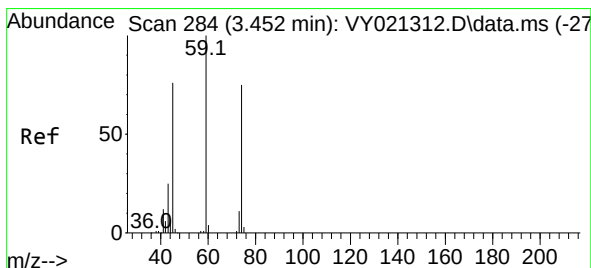
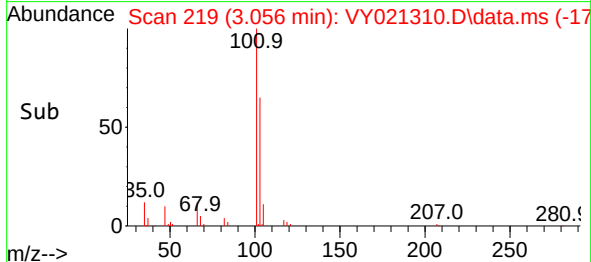
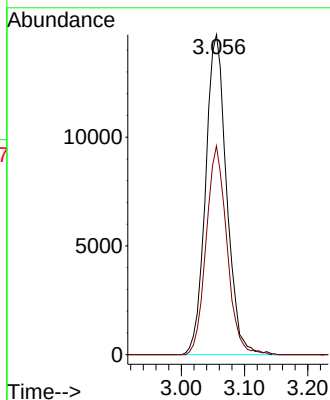
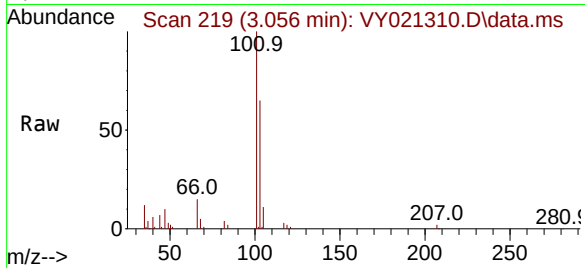




#7
 Trichlorofluoromethane
 Concen: 10.083 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021310.D
 Acq: 25 Feb 2025 13:03

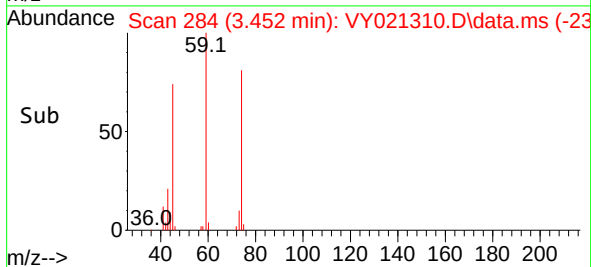
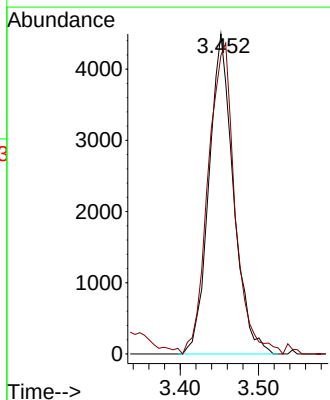
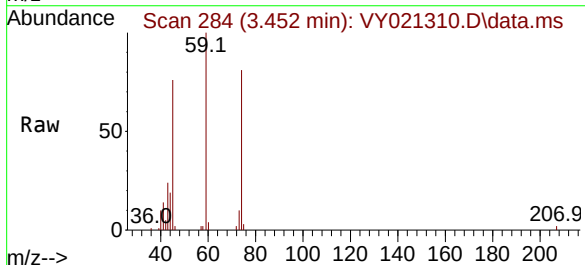
Instrument :
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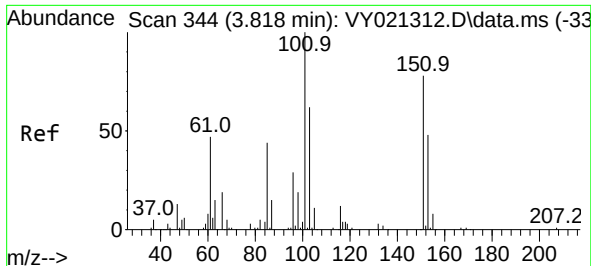
Tgt Ion:101 Resp: 33977
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.7 74.5



#8
 Diethyl Ether
 Concen: 9.682 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021310.D
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Tgt Ion: 74 Resp: 9792
 Ion Ratio Lower Upper
 74 100
 45 106.0 50.3 150.9

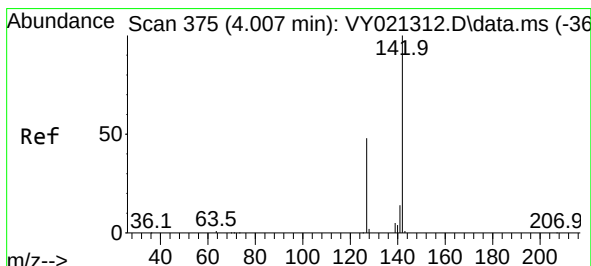
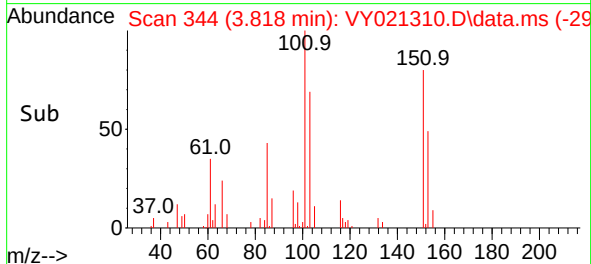
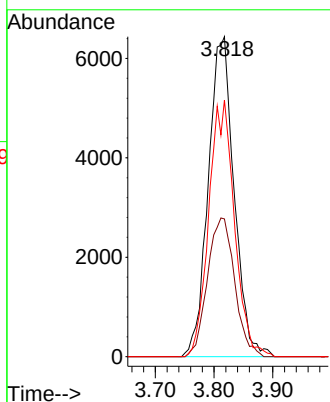
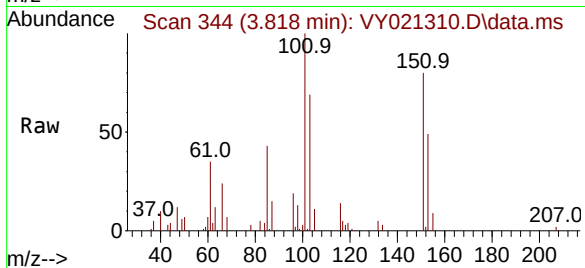




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.077 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

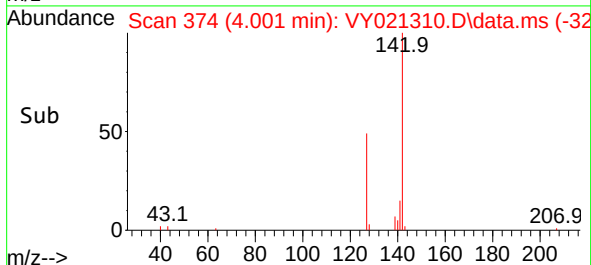
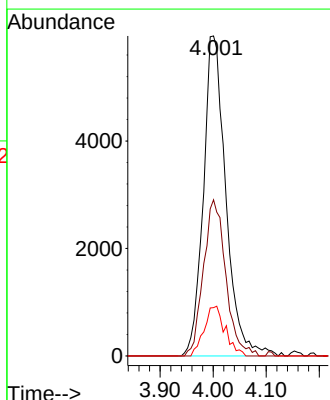
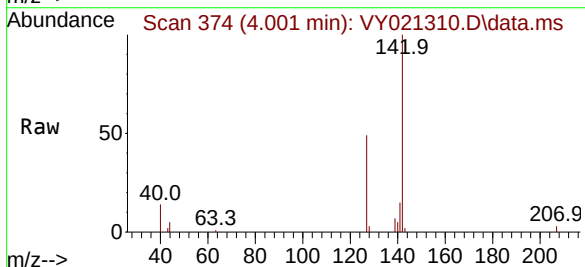
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

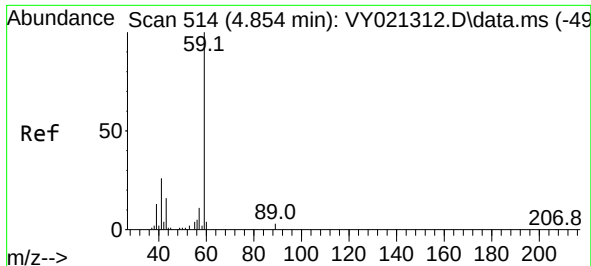
Tgt Ion:101 Resp: 19660
Ion Ratio Lower Upper
101 100
85 45.7 36.7 55.1
151 79.5 62.6 94.0



#10
Methyl Iodide
Concen: 8.562 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:142 Resp: 17573
Ion Ratio Lower Upper
142 100
127 48.3 39.2 58.8
141 14.5 11.4 17.2

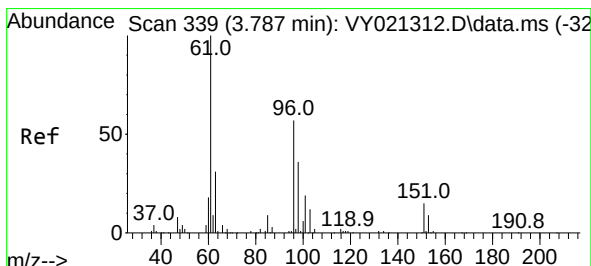
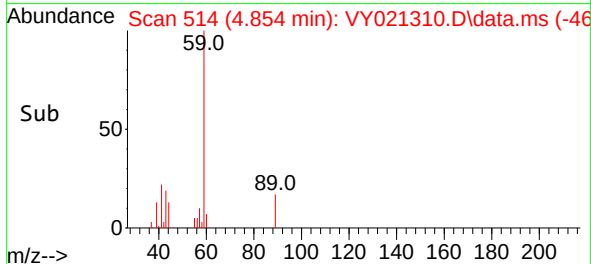
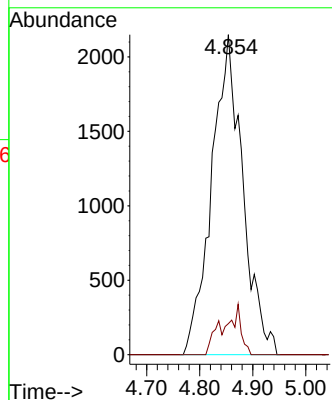
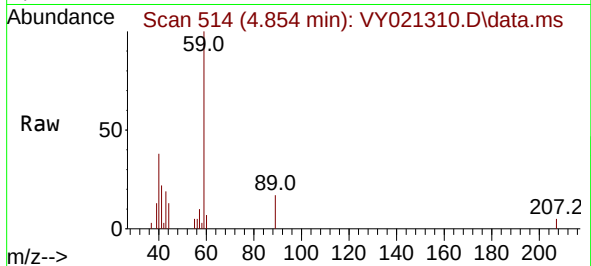




#11
Tert butyl alcohol
Concen: 54.037 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

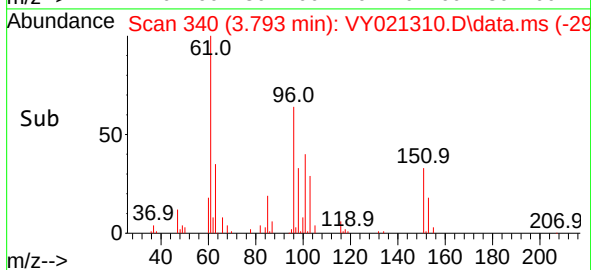
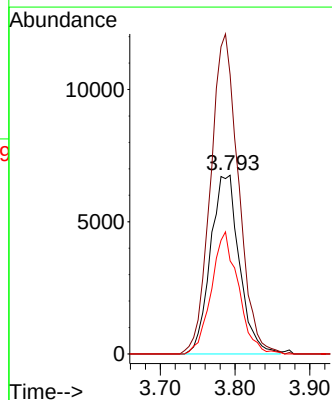
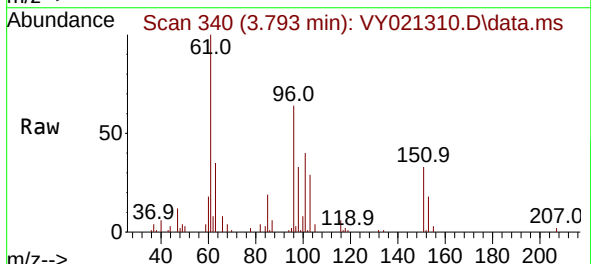
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

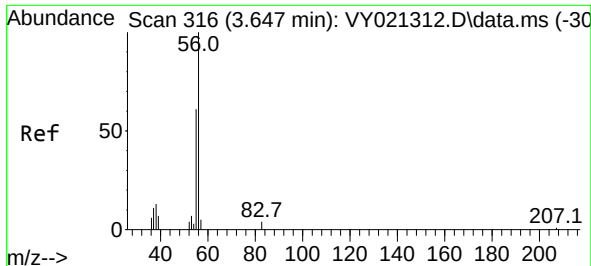
Tgt Ion: 59 Resp: 8754
Ion Ratio Lower Upper
59 100
57 3.1 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 9.711 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 96 Resp: 18141
Ion Ratio Lower Upper
96 100
61 156.3 139.7 209.5
98 52.1 49.7 74.5

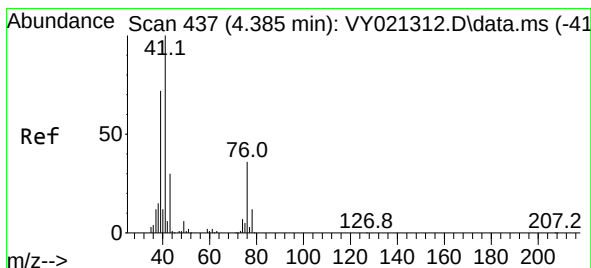
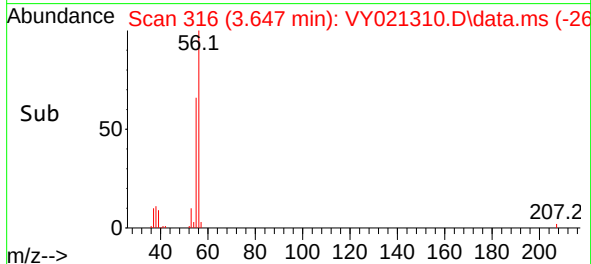
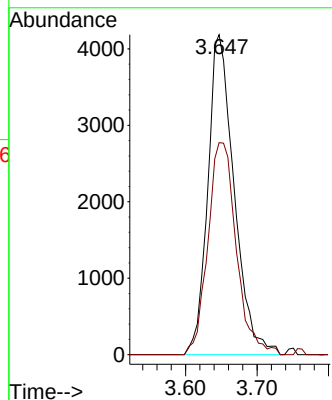
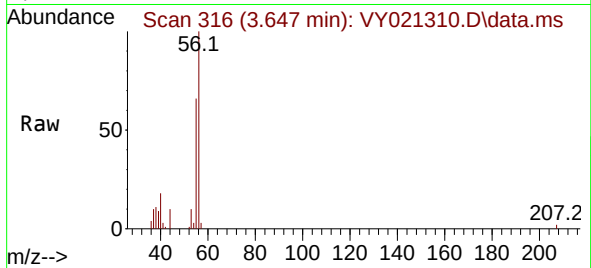




#13
Acrolein
Concen: 86.313 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

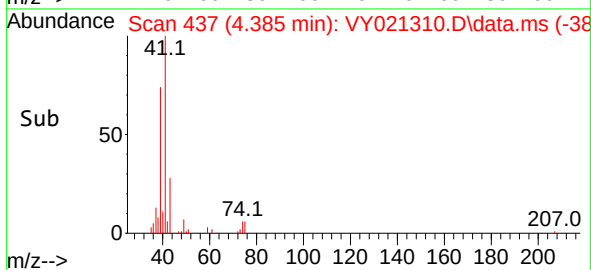
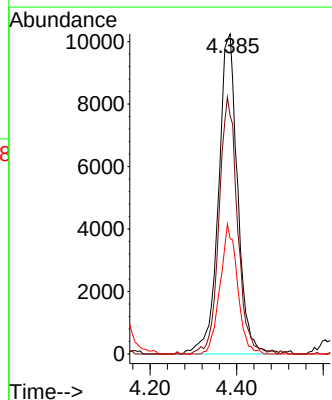
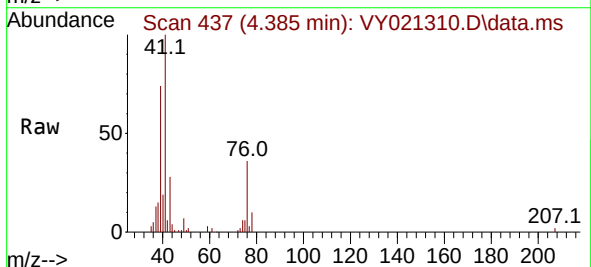
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

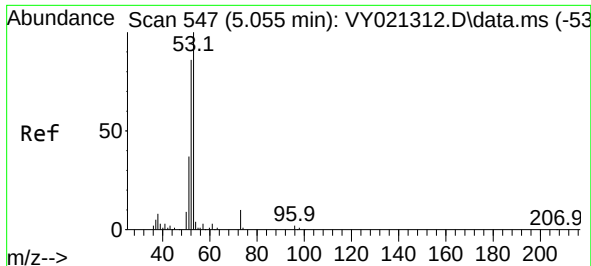
Tgt Ion: 56 Resp: 10715
Ion Ratio Lower Upper
56 100
55 71.4 59.0 88.6



#14
Allyl chloride
Concen: 9.499 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 41 Resp: 31462
Ion Ratio Lower Upper
41 100
39 77.2 60.0 90.0
76 36.9 29.0 43.6

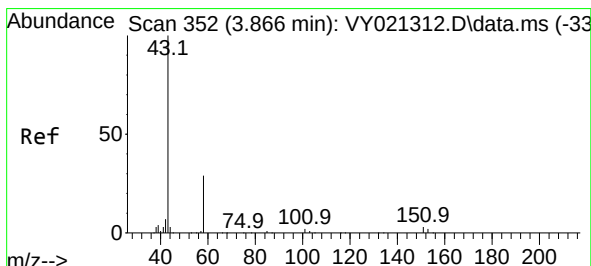
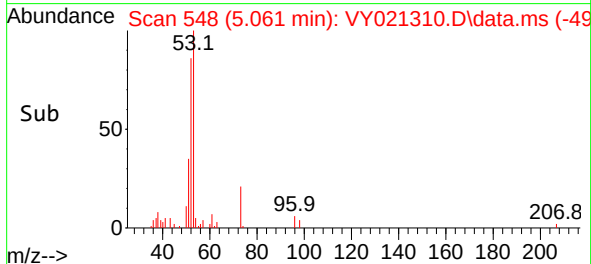
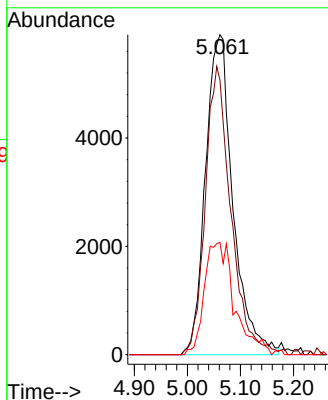
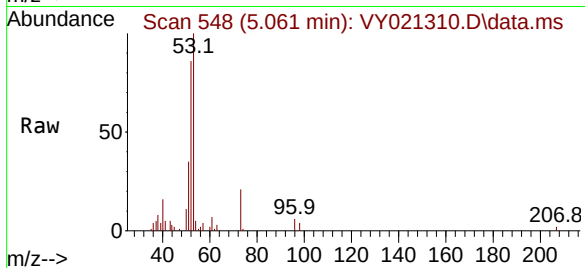




#15
Acrylonitrile
Concen: 47.572 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

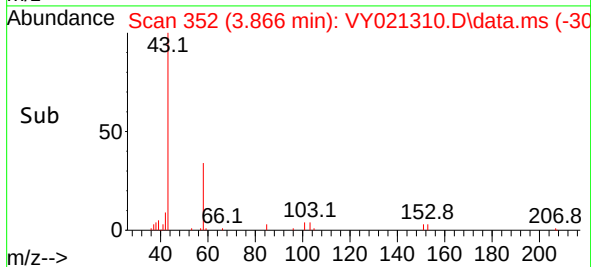
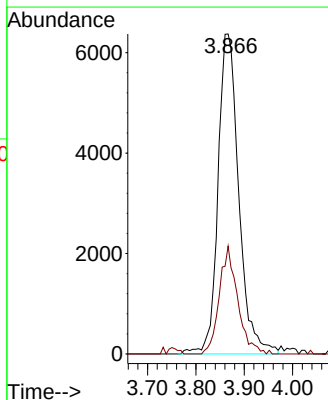
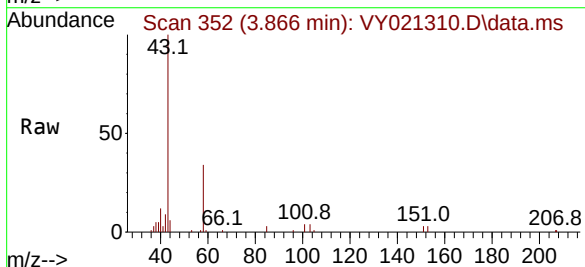
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

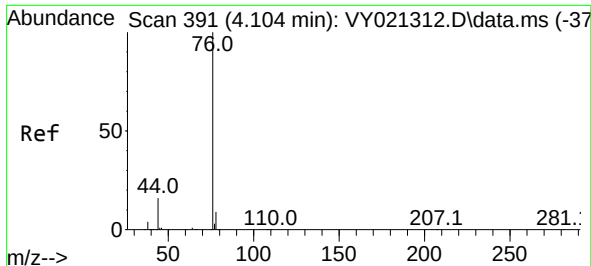
Tgt Ion: 53	Resp: 21273
Ion Ratio	Lower Upper
53 100	
52 84.1	65.5 98.3
51 38.5	30.6 46.0



#16
Acetone
Concen: 47.086 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43	Resp: 19023
Ion Ratio	Lower Upper
43 100	
58 33.7	23.5 35.3

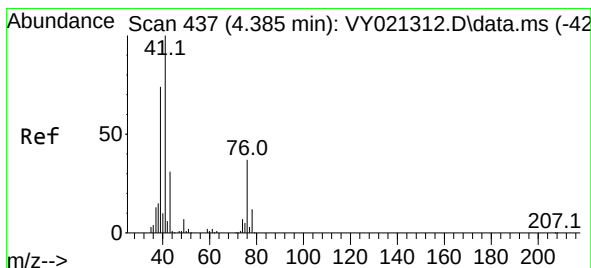
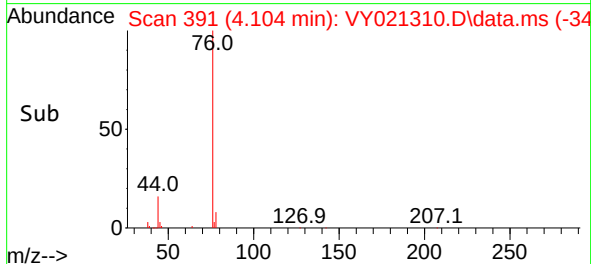
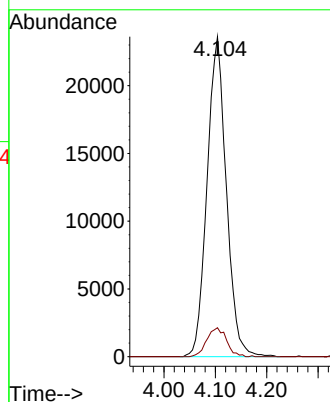
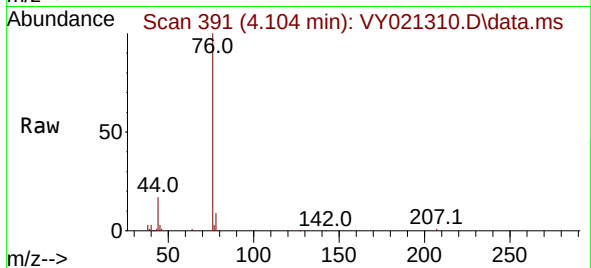




#17
Carbon Disulfide
Concen: 9.888 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

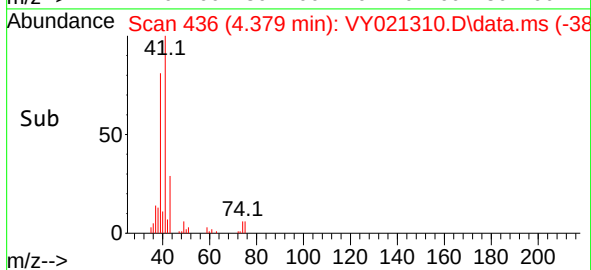
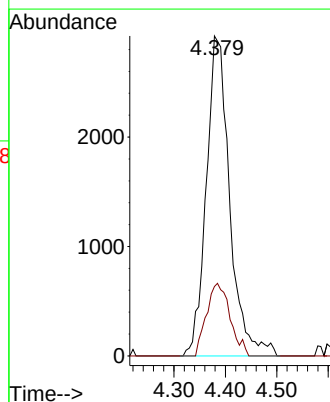
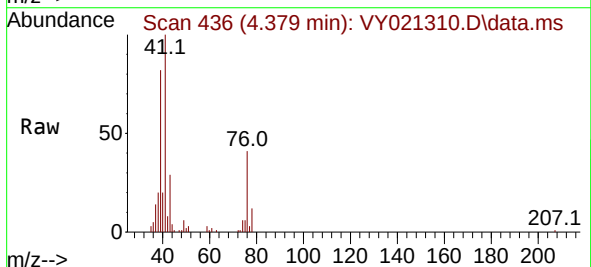
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

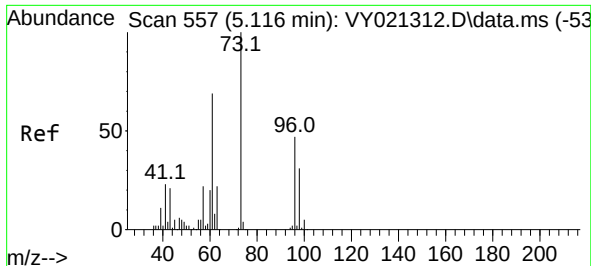
Tgt Ion: 76 Resp: 61336
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 9.378 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 9259
Ion Ratio Lower Upper
43 100
74 22.8 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 9.541 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

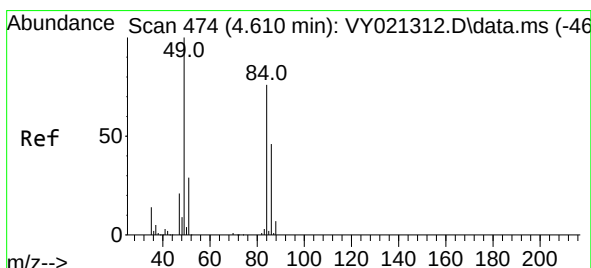
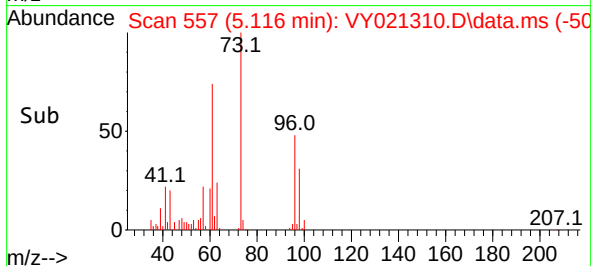
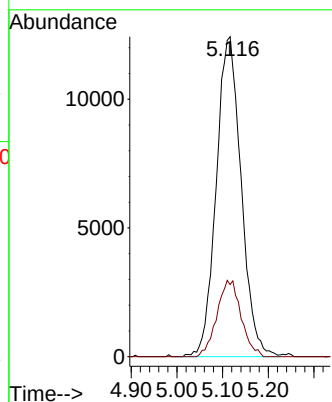
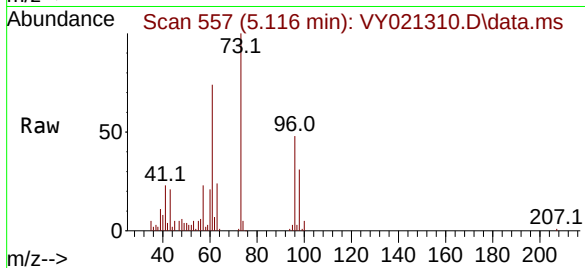
VSTDICC010

Tgt Ion: 73 Resp: 47090

Ion Ratio Lower Upper

73 100

57 22.6 17.4 26.0



#20

Methylene Chloride

Concen: 10.158 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Tgt Ion: 84 Resp: 22192

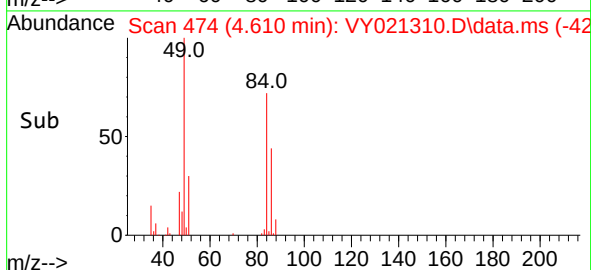
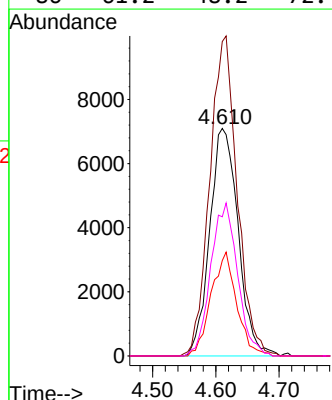
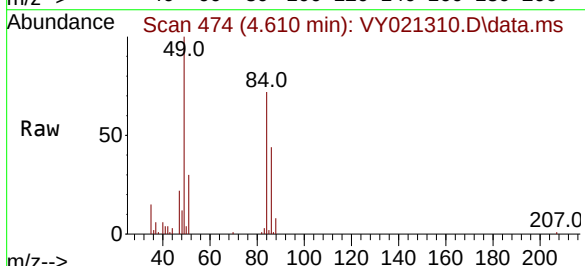
Ion Ratio Lower Upper

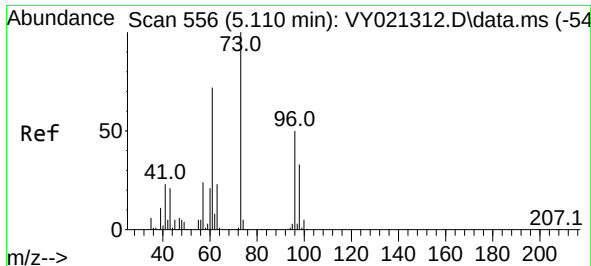
84 100

49 138.2 105.1 157.7

51 41.9 31.0 46.4

86 61.2 48.2 72.4

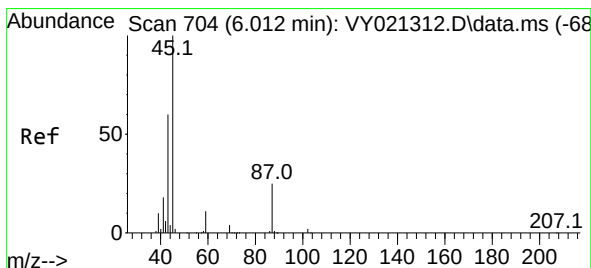
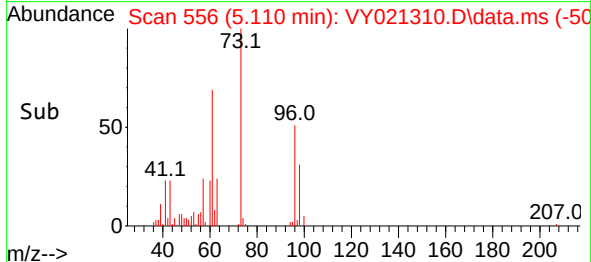
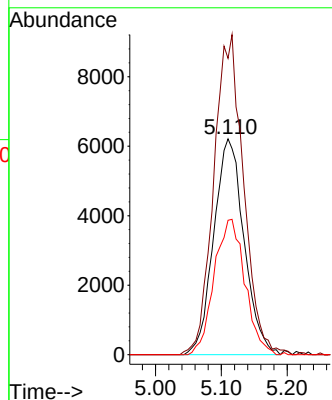
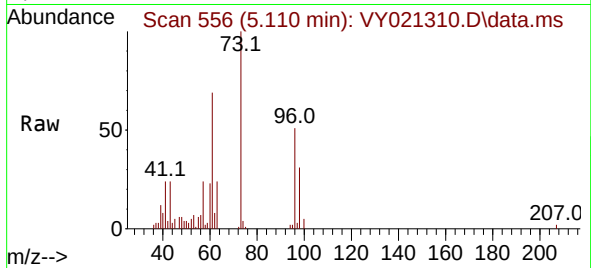




#21
trans-1,2-Dichloroethene
Concen: 9.687 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

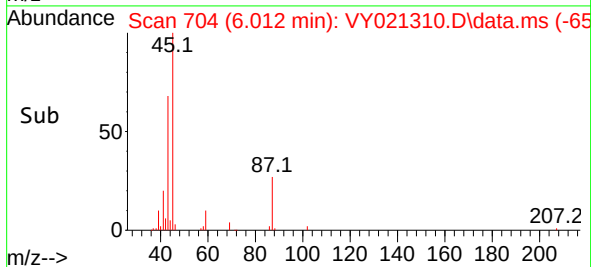
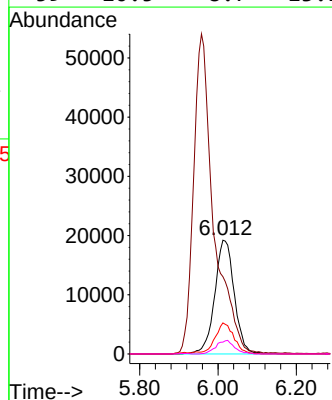
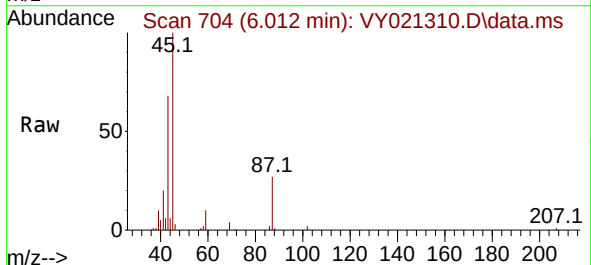
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

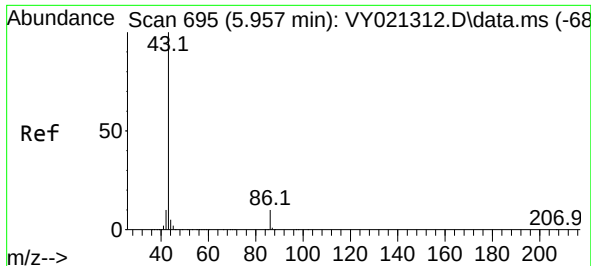
Tgt Ion: 96 Resp: 19921
Ion Ratio Lower Upper
96 100
61 137.3 116.3 174.5
98 62.3 52.6 78.8



#22
Diisopropyl ether
Concen: 9.717 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 45 Resp: 66598
Ion Ratio Lower Upper
45 100
43 67.4 48.2 72.4
87 27.4 20.3 30.5
59 10.5 8.7 13.1

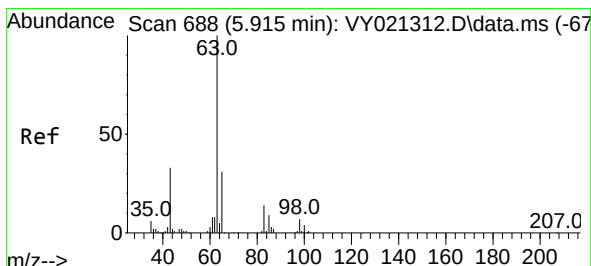
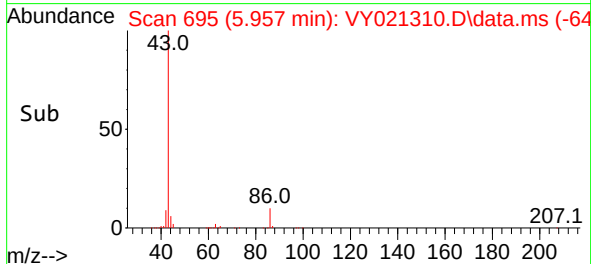
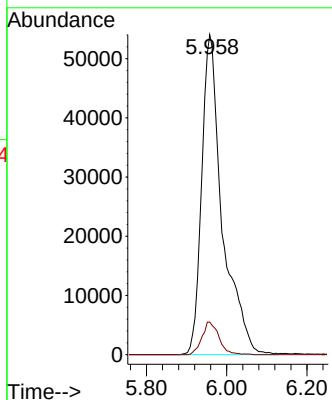
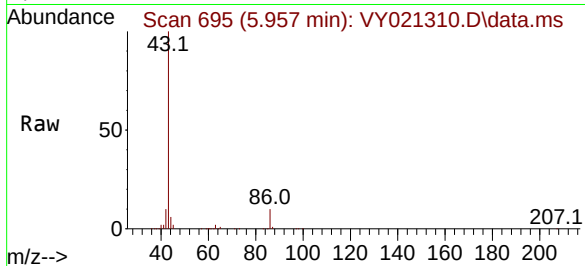




#23
 Vinyl Acetate
 Concen: 47.195 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021310.D
 Acq: 25 Feb 2025 13:03

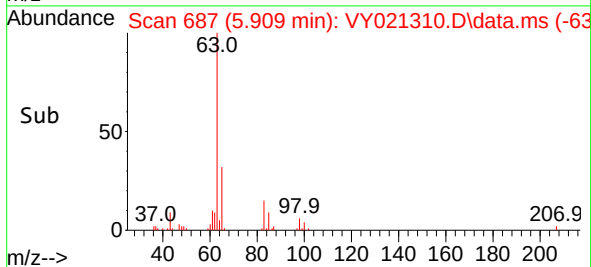
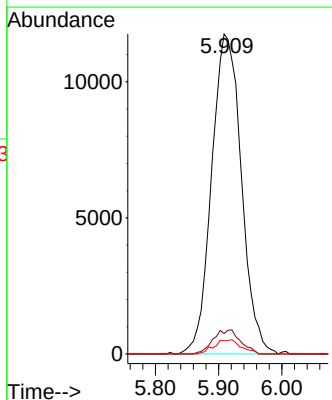
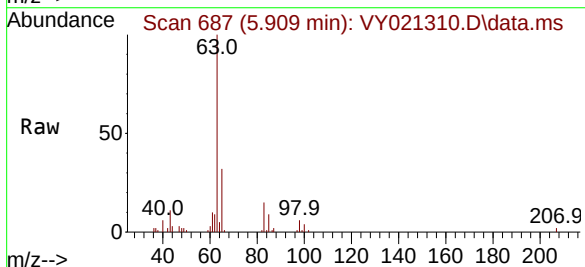
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

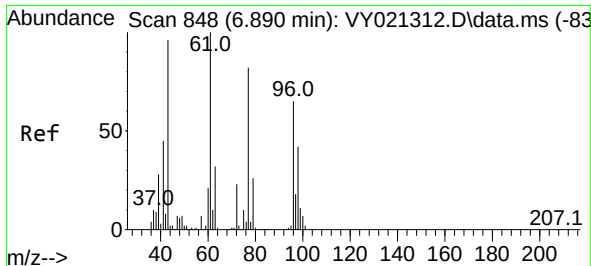
Tgt Ion: 43 Resp: 193291
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 9.918 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021310.D
 Acq: 25 Feb 2025 13:03

Tgt Ion: 63 Resp: 38311
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.7 11.1
 100 4.1 2.1 6.5

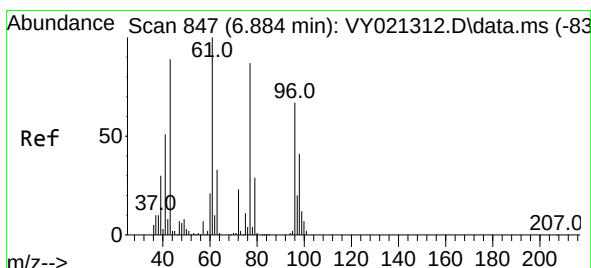
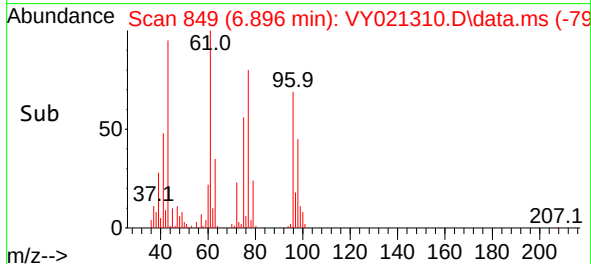
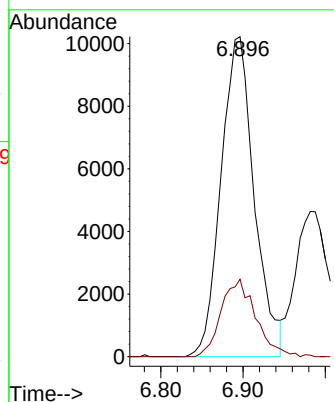
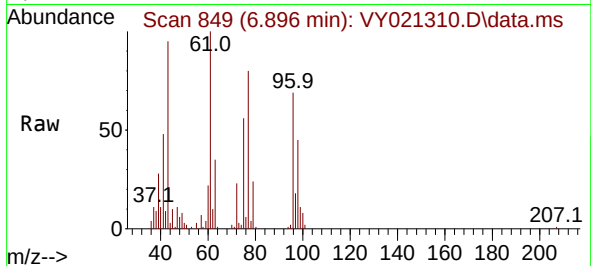




#25
2-Butanone
Concen: 47.087 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

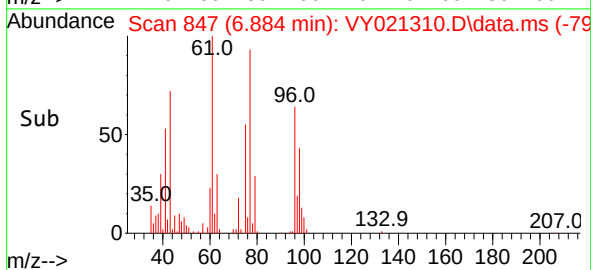
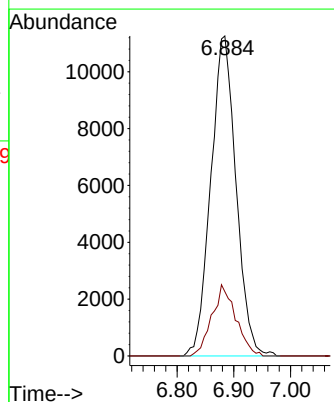
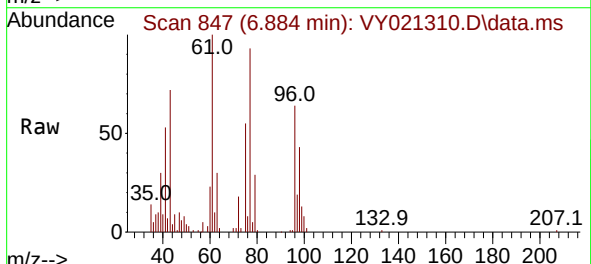
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

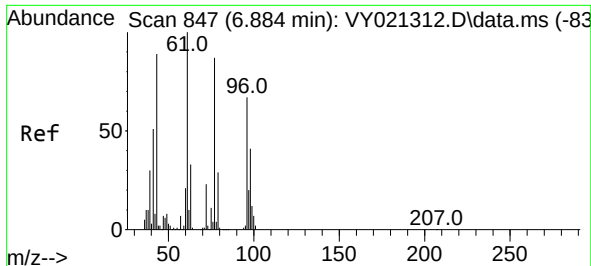
Tgt Ion: 43 Resp: 28711
Ion Ratio Lower Upper
43 100
72 24.2 19.0 28.6



#26
2,2-Dichloropropane
Concen: 9.945 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 77 Resp: 34859
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 9.651 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

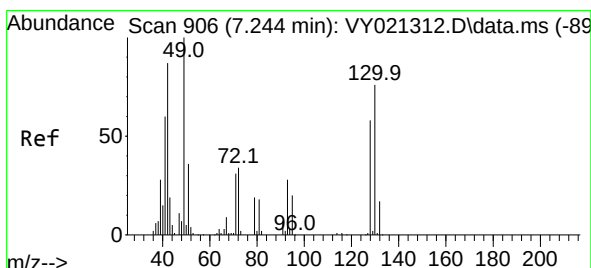
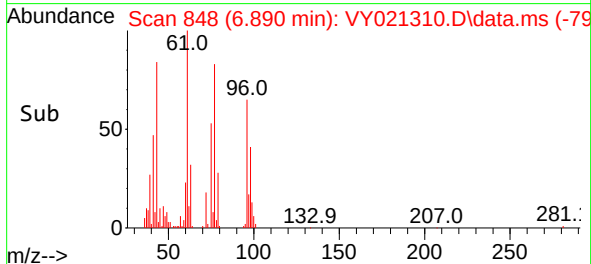
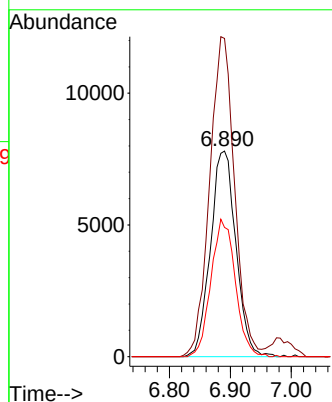
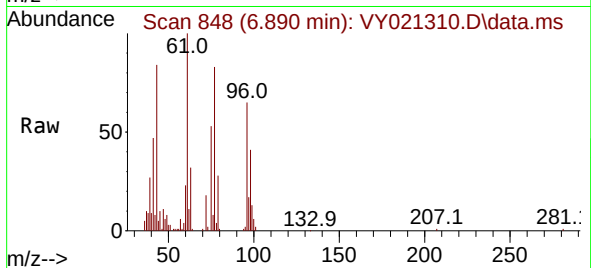
Tgt Ion: 96 Resp: 22663

Ion Ratio Lower Upper

96 100

61 152.2 0.0 308.0

98 63.9 0.0 129.6



#28

Bromochloromethane

Concen: 9.605 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

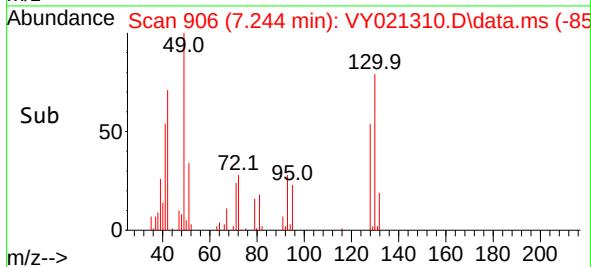
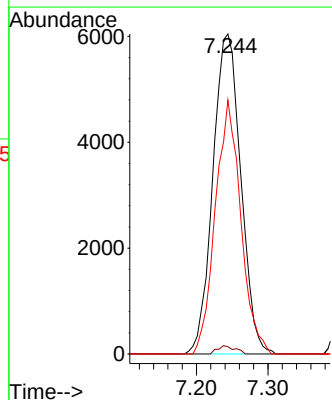
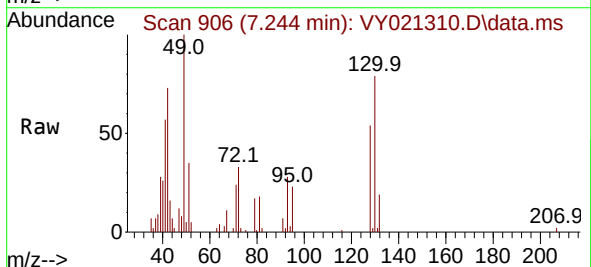
Tgt Ion: 49 Resp: 16417

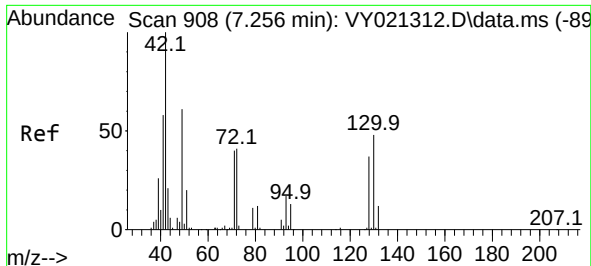
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 72.2 57.8 86.6





#29

Tetrahydrofuran

Concen: 46.731 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

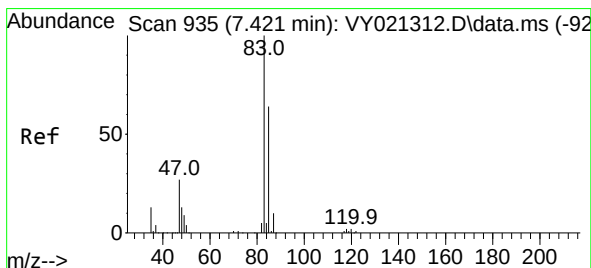
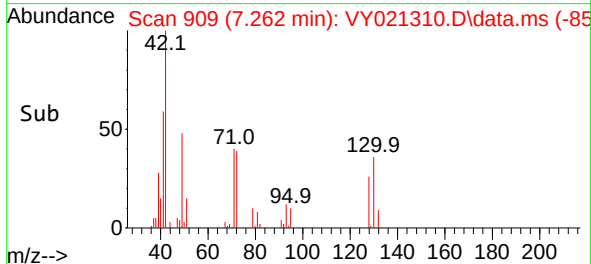
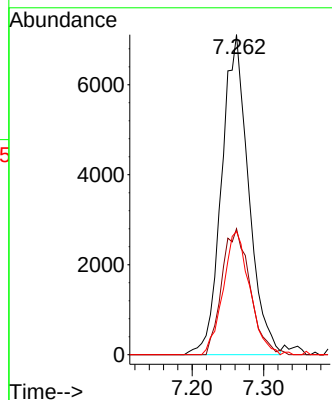
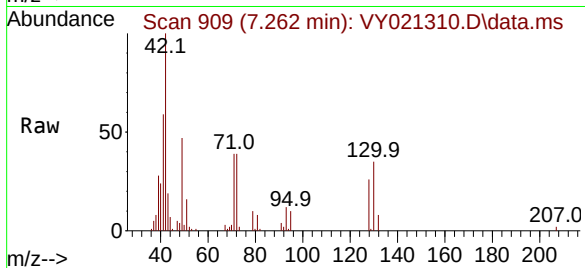
Tgt Ion: 42 Resp: 18625

Ion Ratio Lower Upper

42 100

72 41.1 33.1 49.7

71 38.1 31.4 47.0



#30

Chloroform

Concen: 9.922 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY021310.D

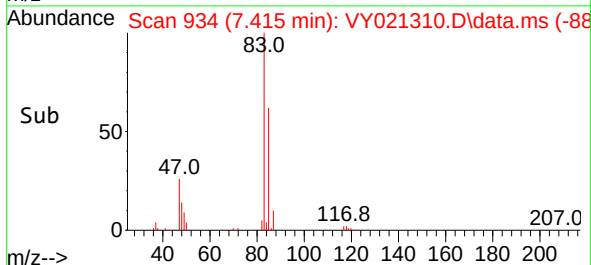
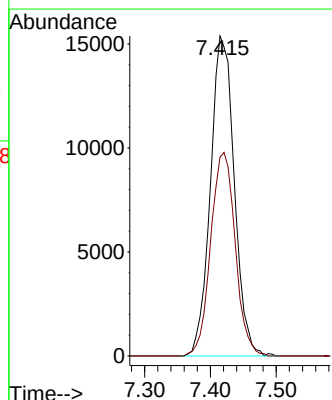
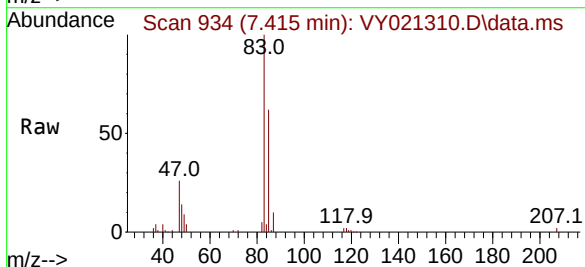
Acq: 25 Feb 2025 13:03

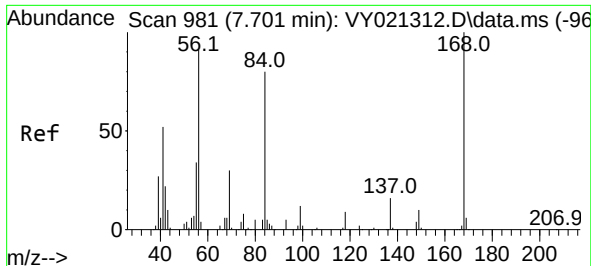
Tgt Ion: 83 Resp: 38838

Ion Ratio Lower Upper

83 100

85 62.2 51.6 77.4

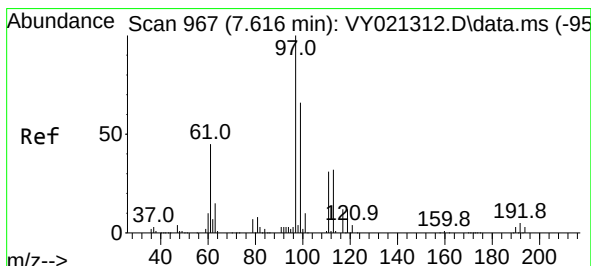
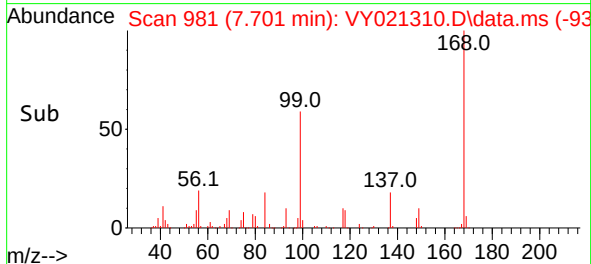
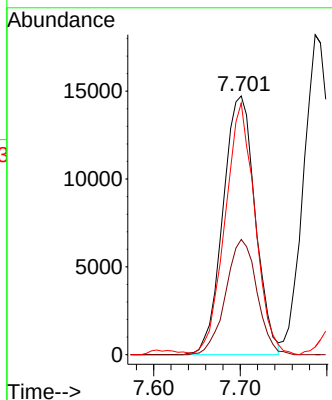
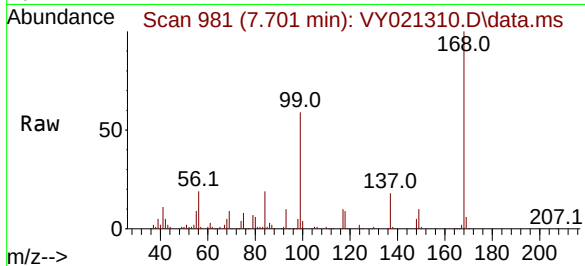




#31
Cyclohexane
Concen: 10.253 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

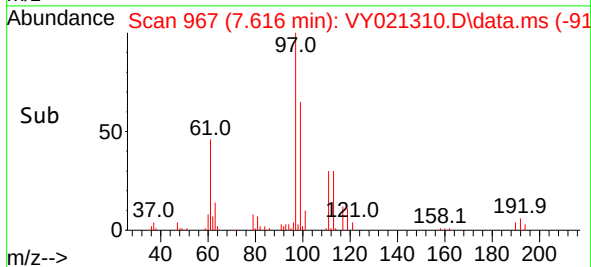
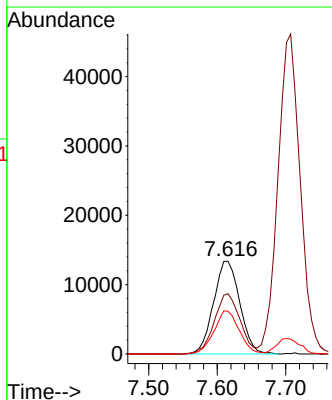
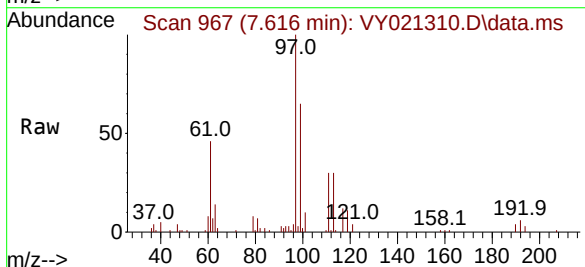
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

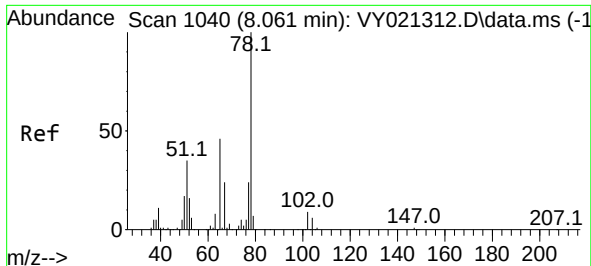
Tgt Ion: 56 Resp: 38072
Ion Ratio Lower Upper
56 100
69 44.5 26.2 39.4#
84 96.3 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 9.961 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 97 Resp: 35489
Ion Ratio Lower Upper
97 100
99 64.0 52.4 78.6
61 45.1 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 8.992 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

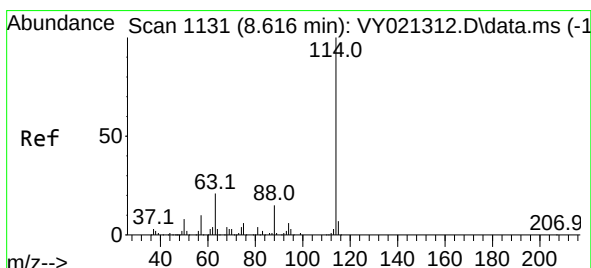
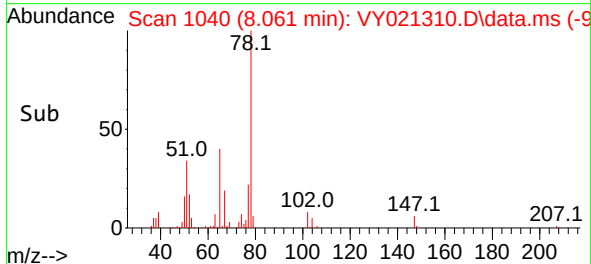
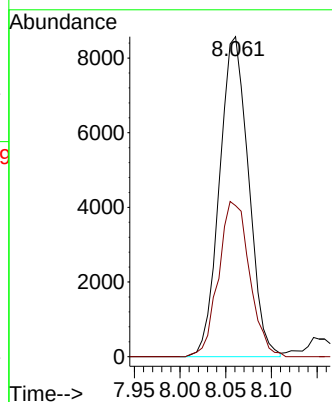
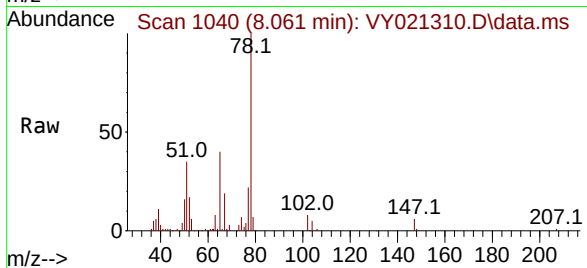
VSTDIC010

Tgt Ion: 65 Resp: 18938

Ion Ratio Lower Upper

65 100

67 51.8 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: VY021310.D

Acq: 25 Feb 2025 13:03

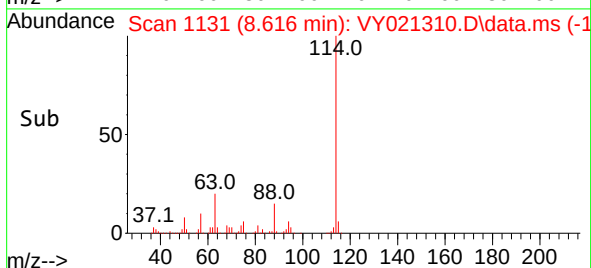
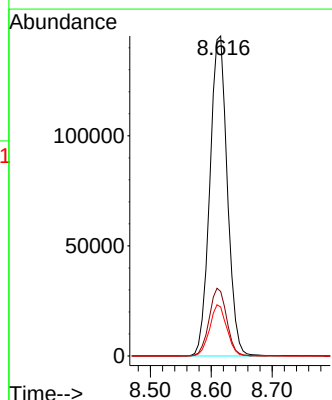
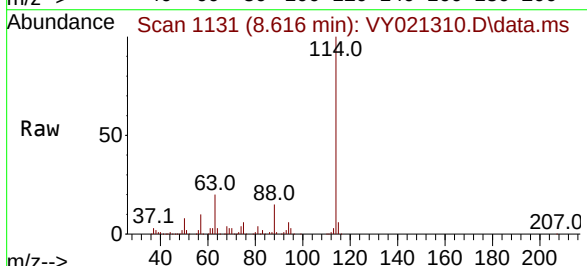
Tgt Ion: 114 Resp: 289178

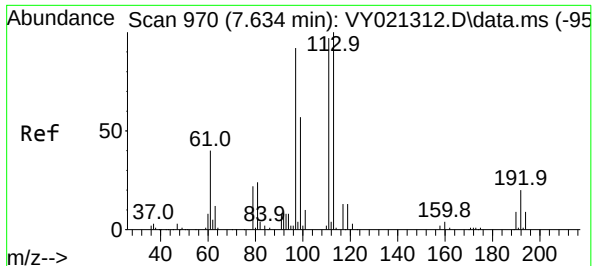
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

88 15.3 0.0 29.8

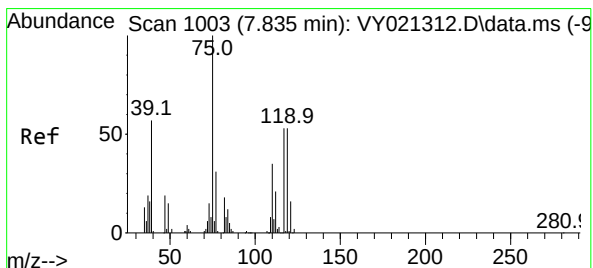
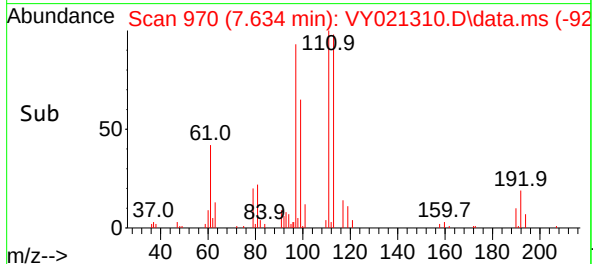
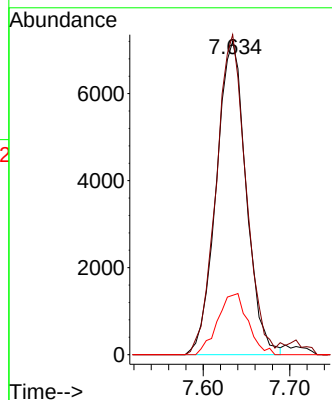
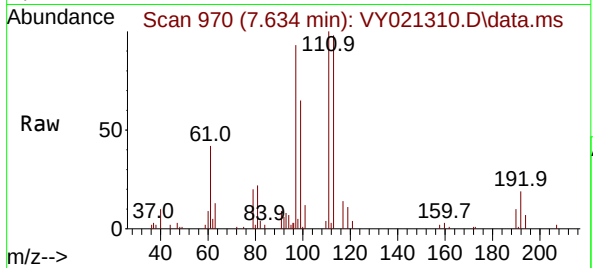




#35
Dibromofluoromethane
Concen: 9.108 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

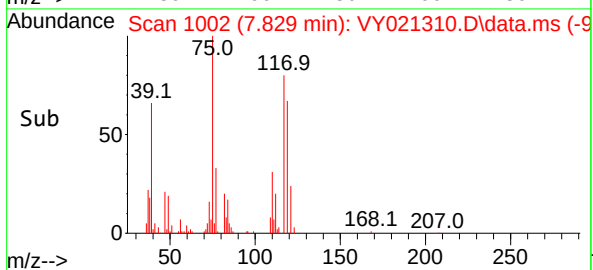
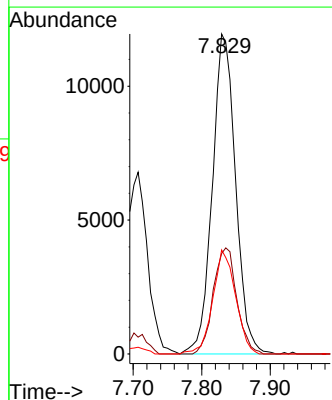
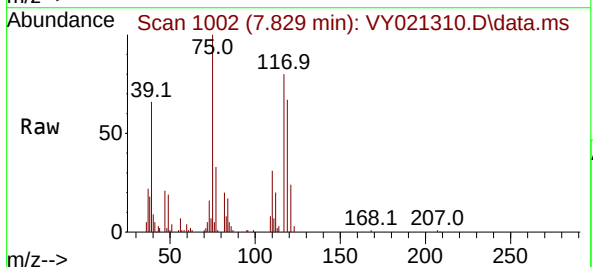
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

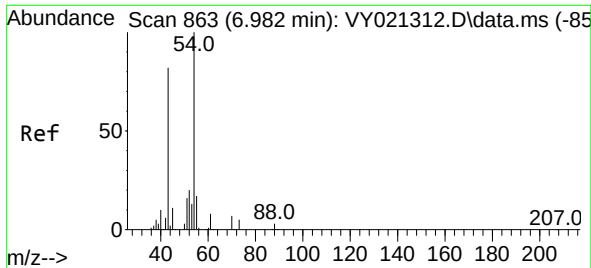
Tgt Ion:	113	Resp:	17267
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.0	121.6
192	19.7	15.8	23.8



#36
1,1-Dichloropropene
Concen: 9.892 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:	75	Resp:	28171
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	31.9	24.6	36.8

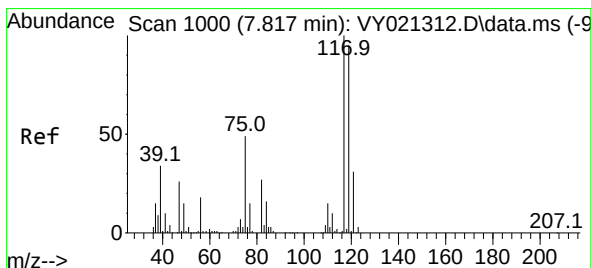
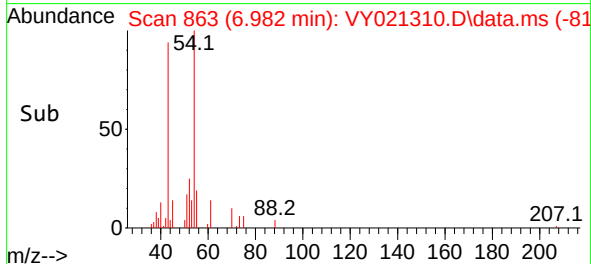
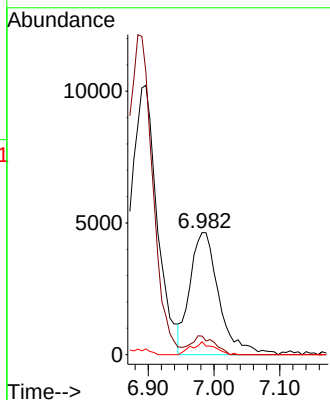
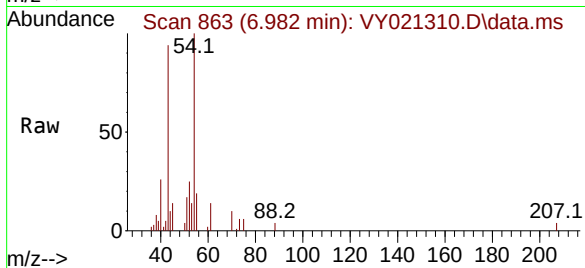




#37
Ethyl Acetate
Concen: 10.038 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

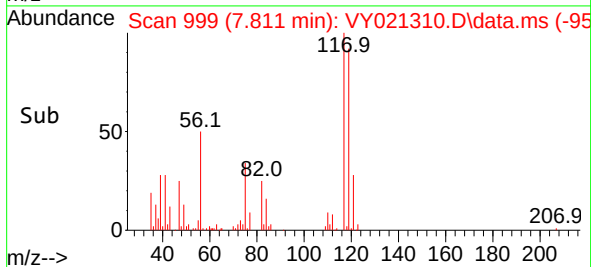
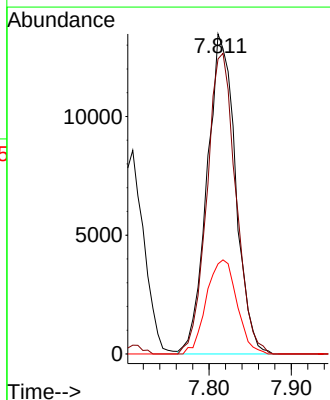
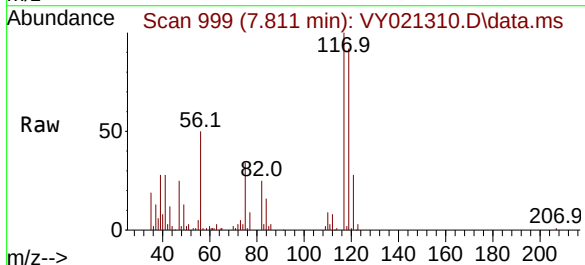
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

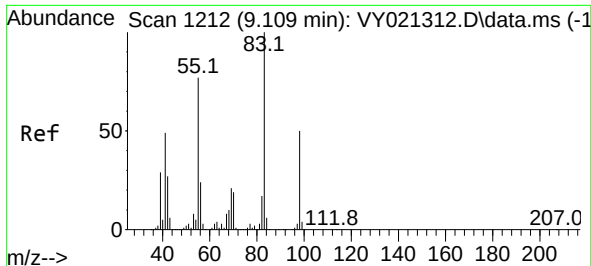
Tgt Ion: 43 Resp: 14219
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 8.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 10.149 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 117 Resp: 32494
Ion Ratio Lower Upper
117 100
119 92.2 76.0 114.0
121 28.1 24.9 37.3





#39

Methylcyclohexane

Concen: 9.837 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

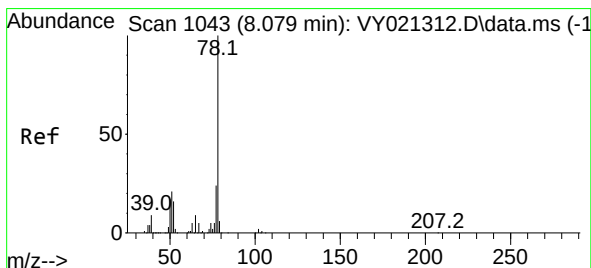
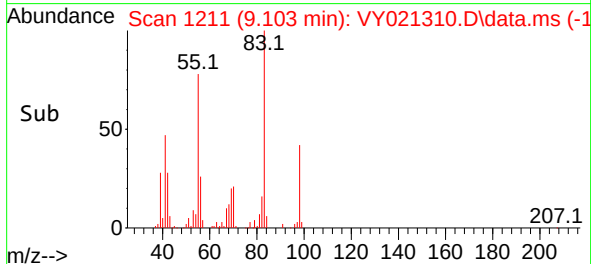
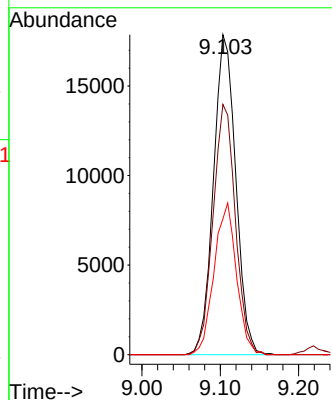
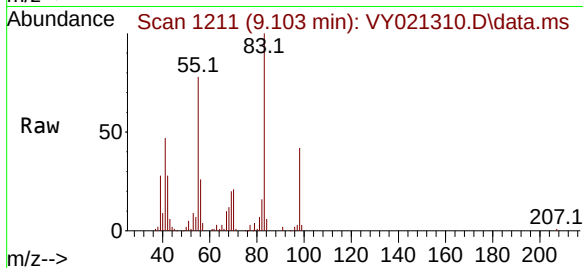
Tgt Ion: 83 Resp: 35431

Ion Ratio Lower Upper

83 100

55 78.2 61.3 91.9

98 42.5 39.9 59.9



#40

Benzene

Concen: 9.930 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021310.D

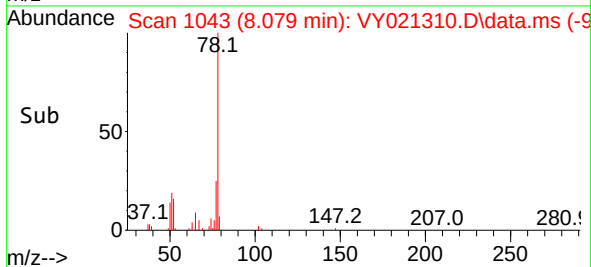
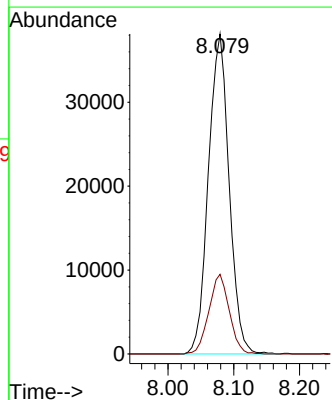
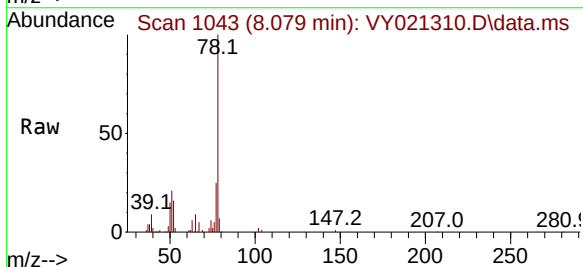
Acq: 25 Feb 2025 13:03

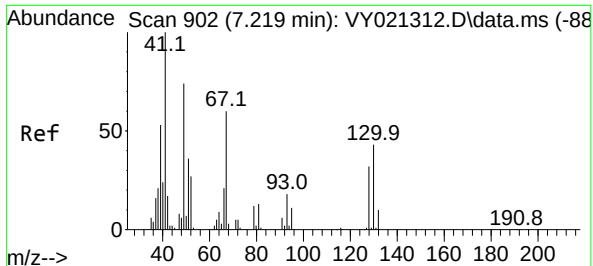
Tgt Ion: 78 Resp: 83594

Ion Ratio Lower Upper

78 100

77 24.9 19.2 28.8

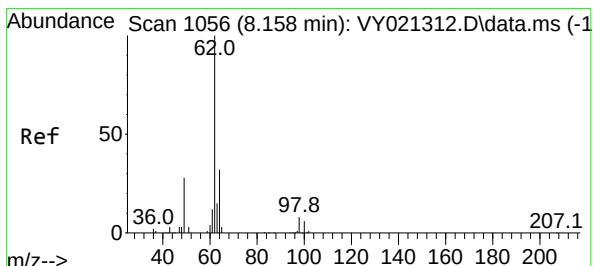
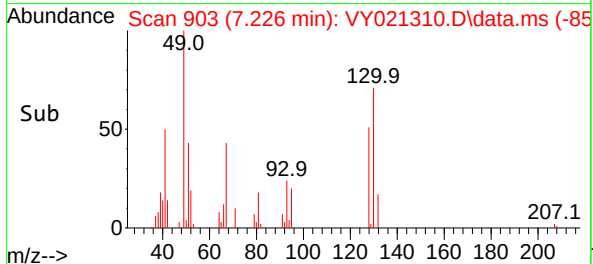
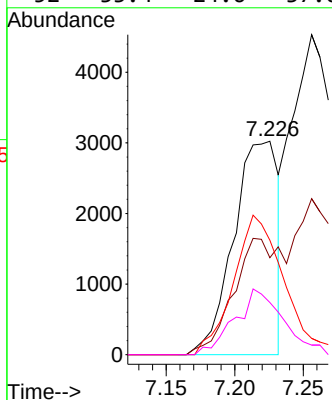
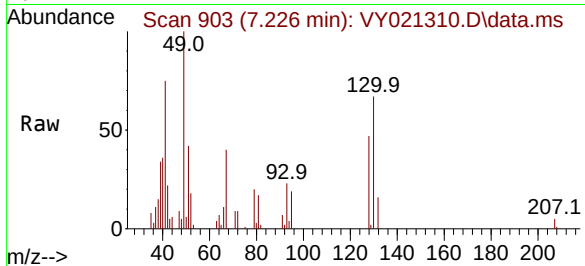




#41
Methacrylonitrile
Concen: 8.642 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

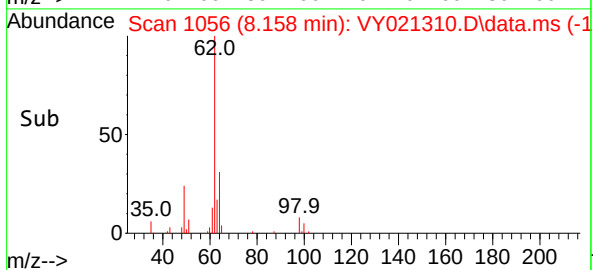
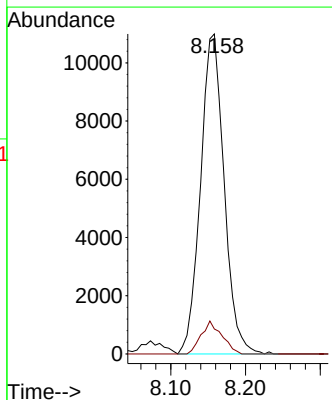
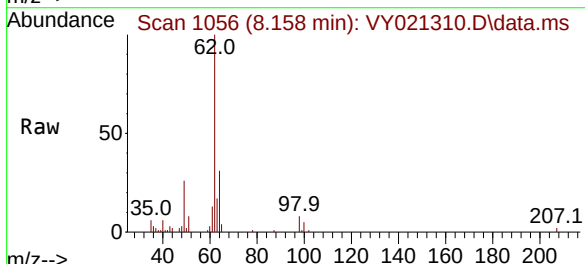
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

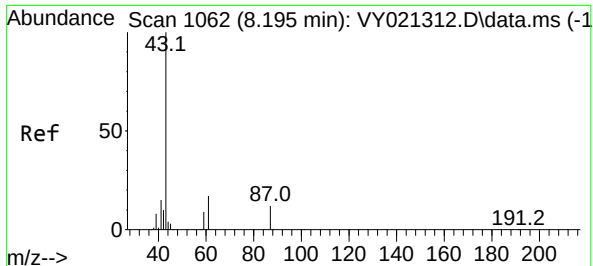
Tgt Ion:	41	Resp:	6845
Ion	Ratio	Lower	Upper
41	100		
39	60.5	42.3	63.5
67	74.2	54.8	82.2
52	33.4	24.6	37.0



#42
1,2-Dichloroethane
Concen: 10.087 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:	62	Resp:	24091
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6

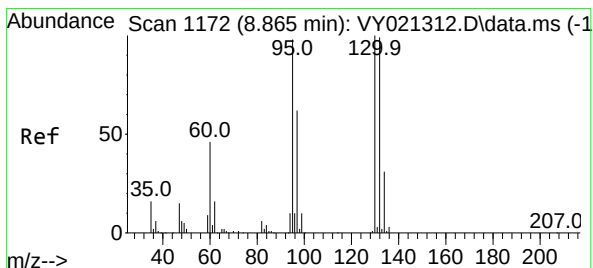
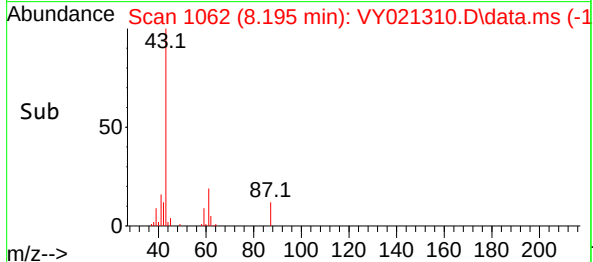
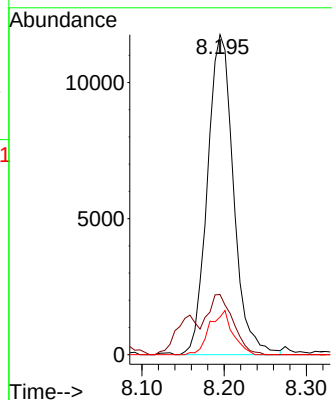
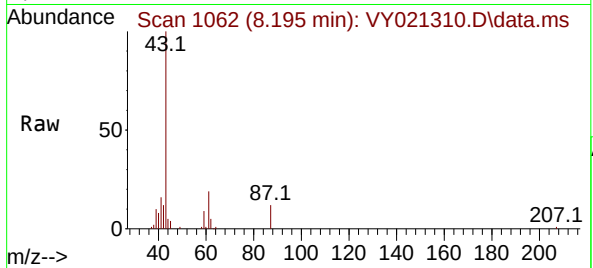




#43
Isopropyl Acetate
Concen: 9.436 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

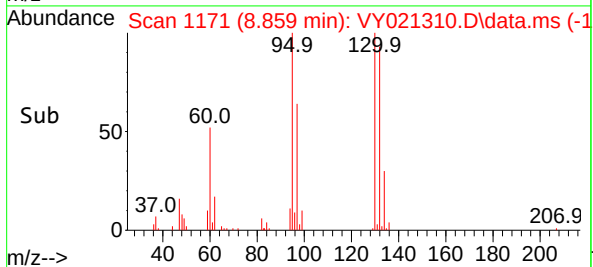
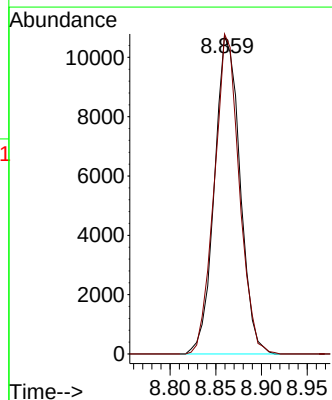
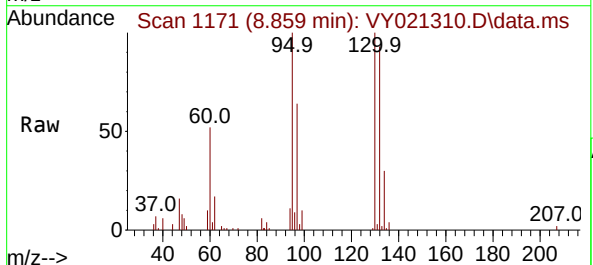
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

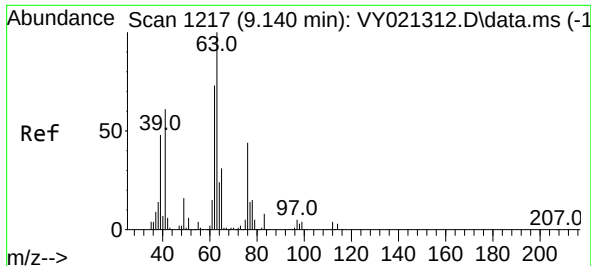
Tgt Ion: 43 Resp: 25874
Ion Ratio Lower Upper
43 100
61 18.4 15.0 22.6
87 12.3 10.0 15.0



#44
Trichloroethene
Concen: 9.880 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:130 Resp: 20823
Ion Ratio Lower Upper
130 100
95 100.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 9.978 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

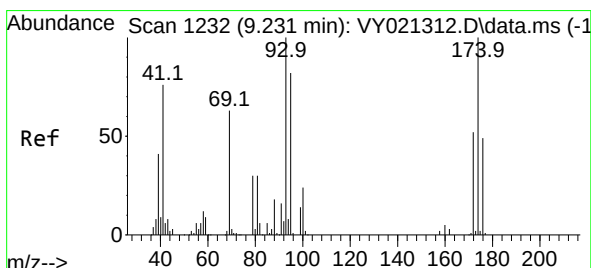
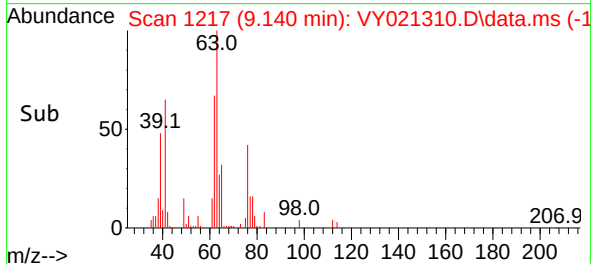
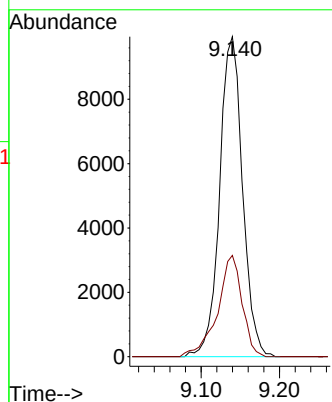
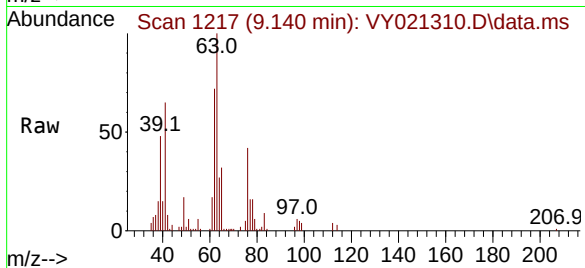
VSTDIC010

Tgt Ion: 63 Resp: 20214

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8



#46

Dibromomethane

Concen: 9.845 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

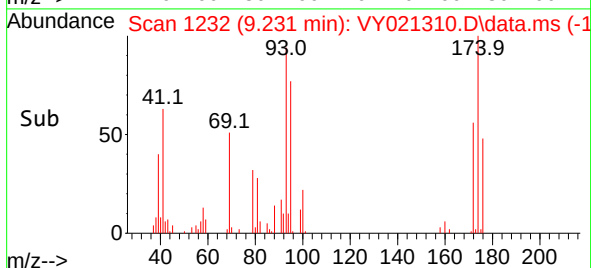
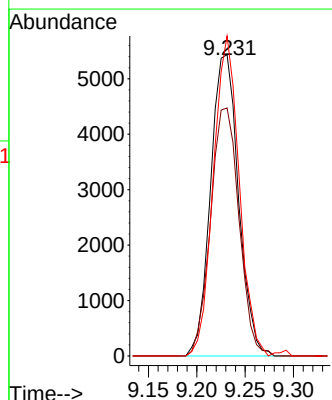
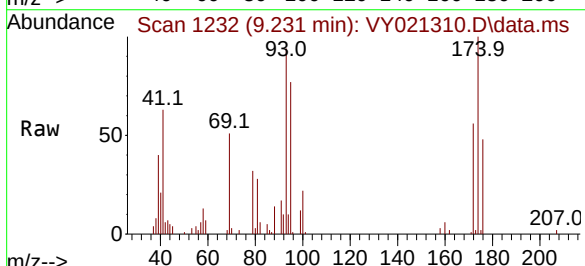
Tgt Ion: 93 Resp: 10902

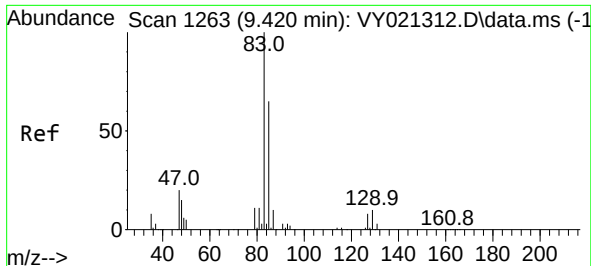
Ion Ratio Lower Upper

93 100

95 83.8 66.4 99.6

174 98.2 78.2 117.2

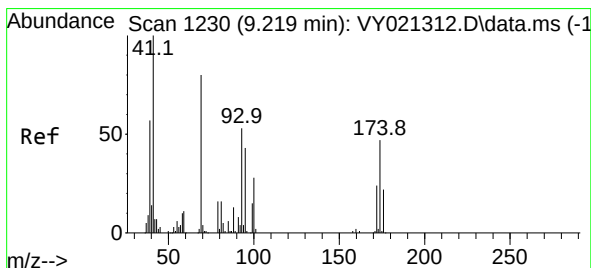
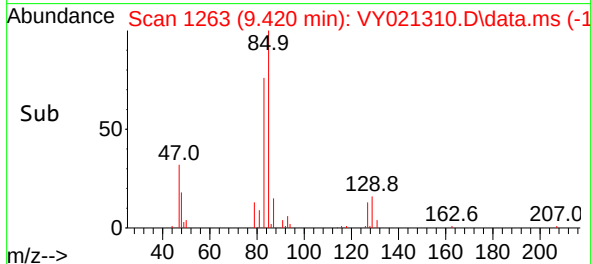
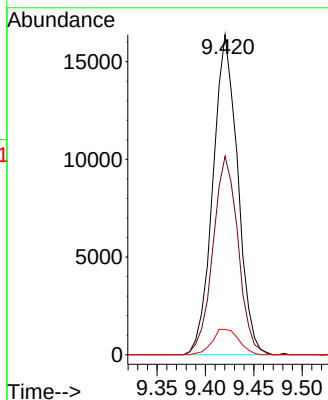
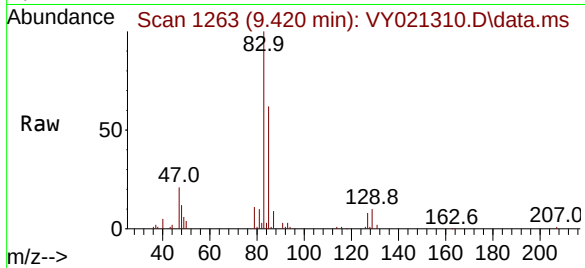




#47
Bromodichloromethane
Concen: 9.860 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

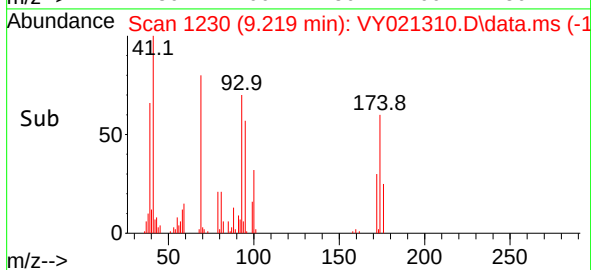
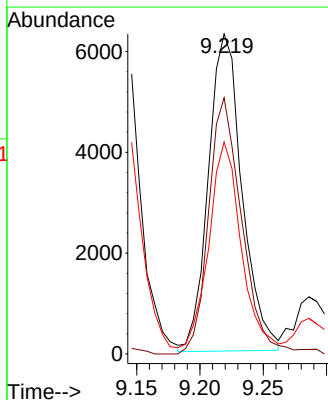
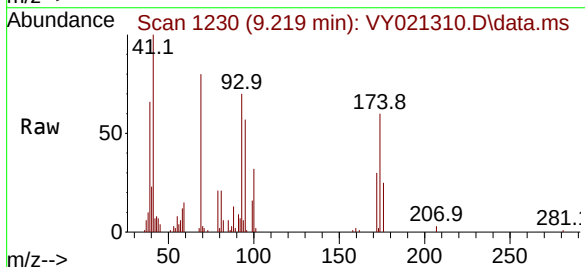
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

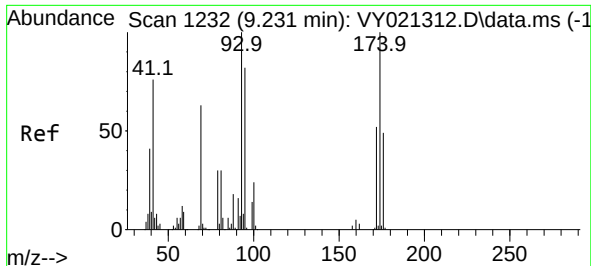
Tgt Ion: 83 Resp: 29114
Ion Ratio Lower Upper
83 100
85 62.0 51.8 77.8
127 7.9 6.7 10.1



#48
Methyl methacrylate
Concen: 9.088 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 41 Resp: 11652
Ion Ratio Lower Upper
41 100
69 80.1 63.3 94.9
39 61.7 45.0 67.6





#49

1,4-Dioxane

Concen: 187.520 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

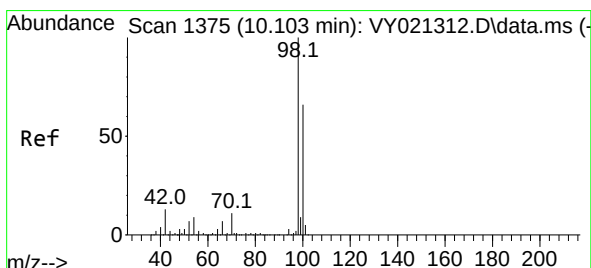
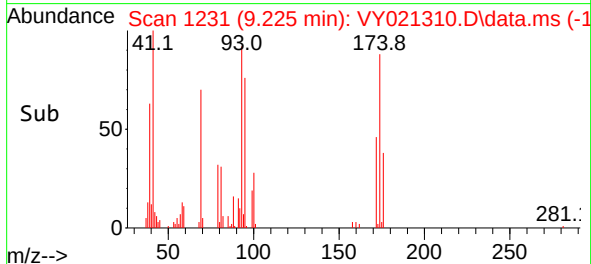
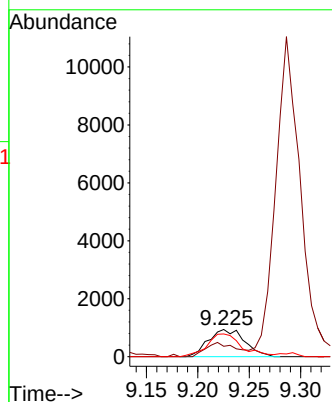
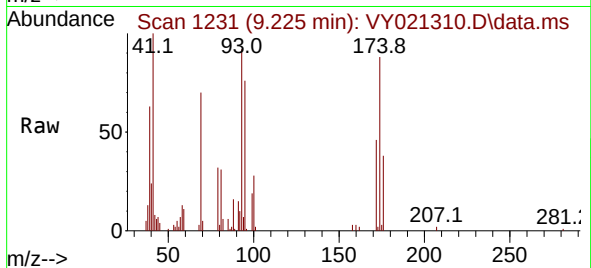
Tgt Ion: 88 Resp: 2309

Ion Ratio Lower Upper

88 100

43 44.1 34.8 52.2

58 79.5 59.8 89.6



#50

Toluene-d8

Concen: 9.141 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021310.D

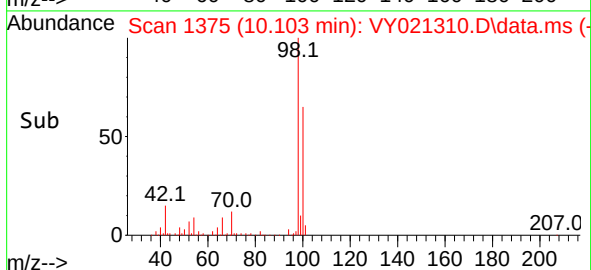
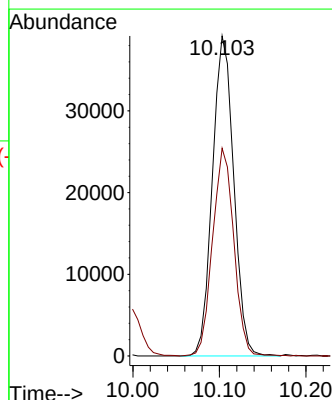
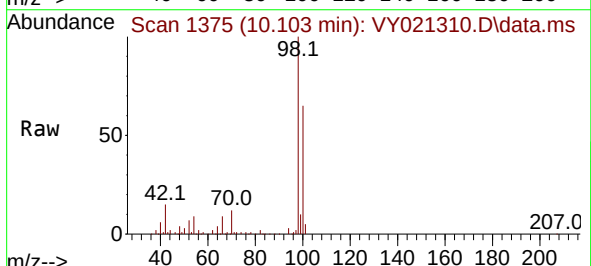
Acq: 25 Feb 2025 13:03

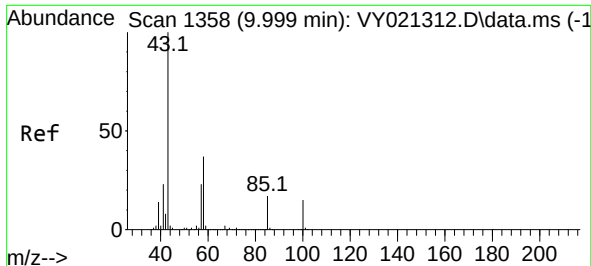
Tgt Ion: 98 Resp: 66979

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6

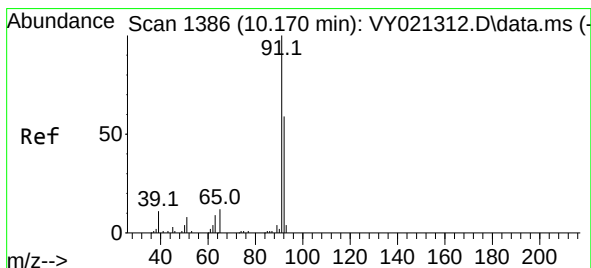
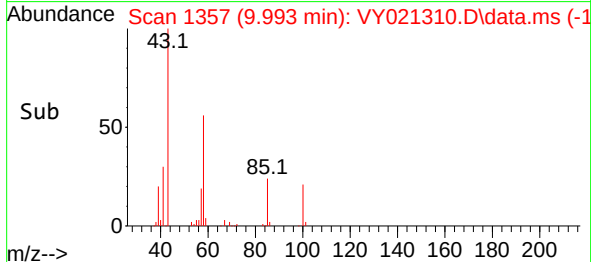
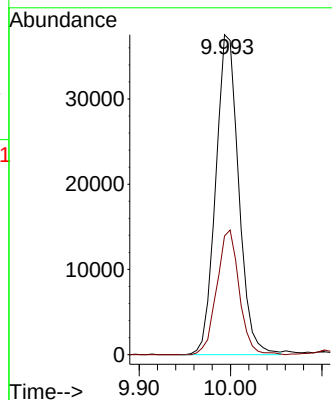
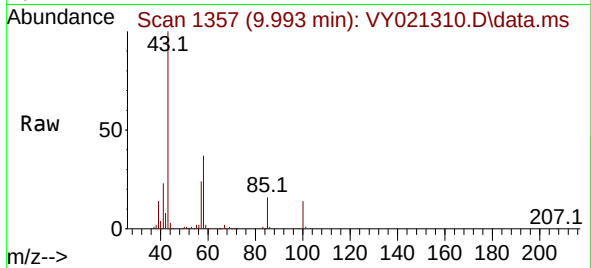




#51
4-Methyl-2-Pentanone
Concen: 46.808 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

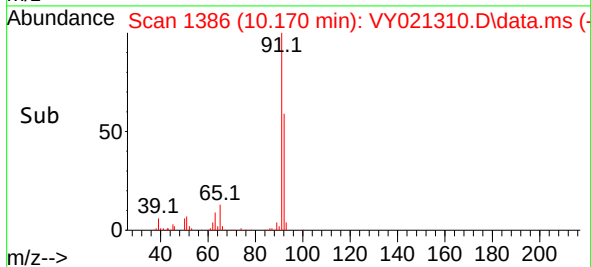
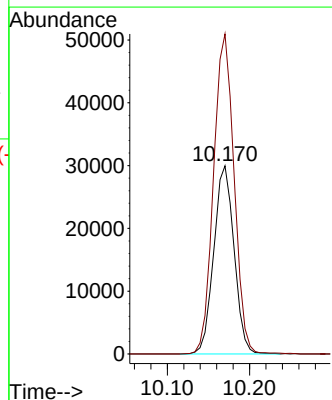
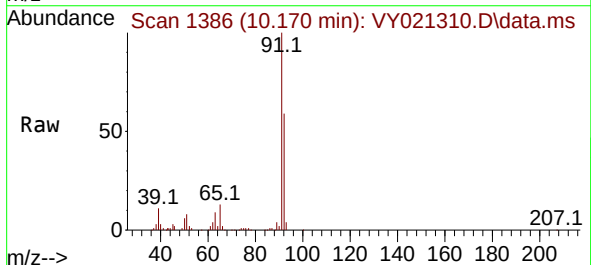
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

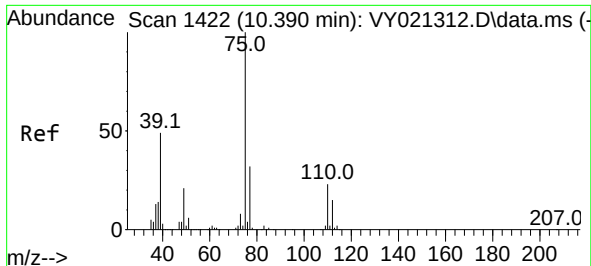
Tgt Ion: 43 Resp: 65698
Ion Ratio Lower Upper
43 100
58 37.9 30.1 45.1



#52
Toluene
Concen: 9.823 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 92 Resp: 51371
Ion Ratio Lower Upper
92 100
91 172.4 137.8 206.8

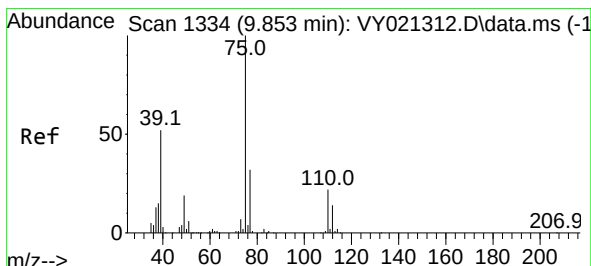
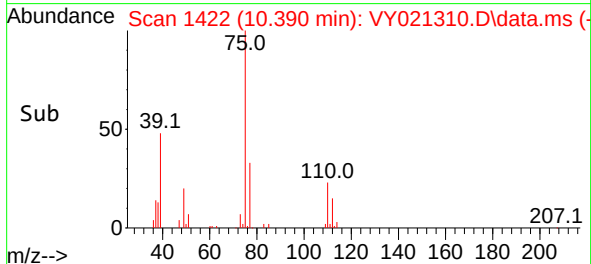
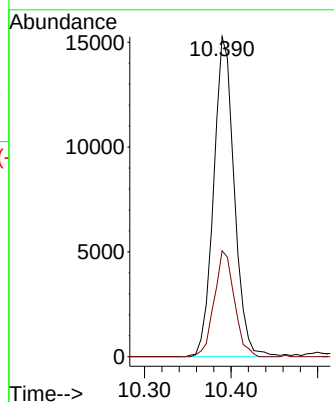
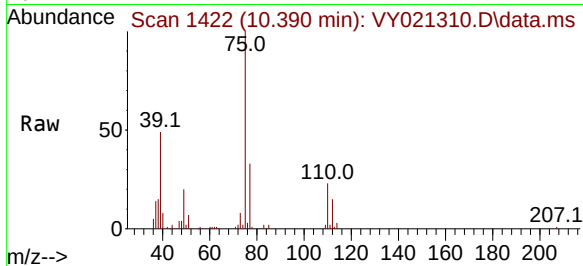




#53
 t-1,3-Dichloropropene
 Concen: 9.322 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY021310.D
 Acq: 25 Feb 2025 13:03

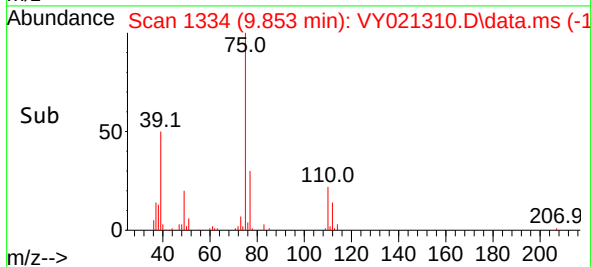
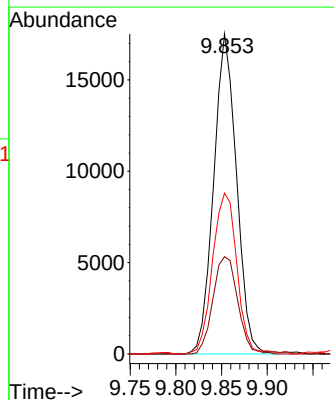
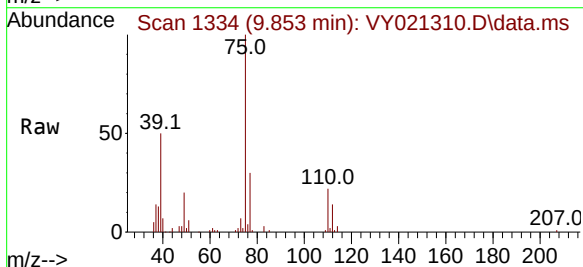
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

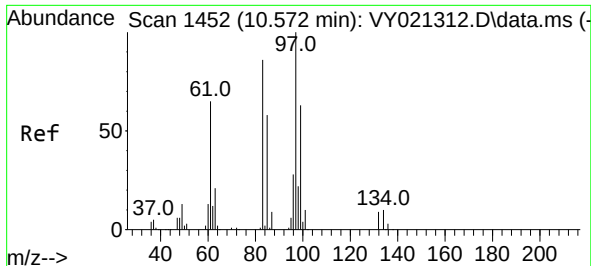
Tgt Ion: 75 Resp: 25218
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 9.528 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021310.D
 Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 30428
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.7 38.5
 39 50.2 41.8 62.6

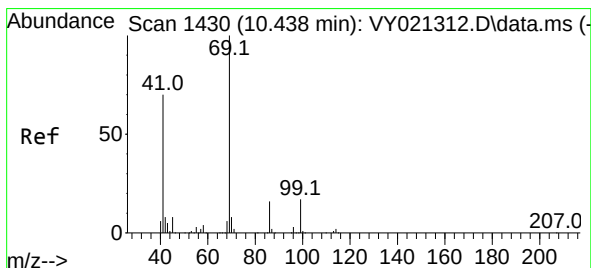
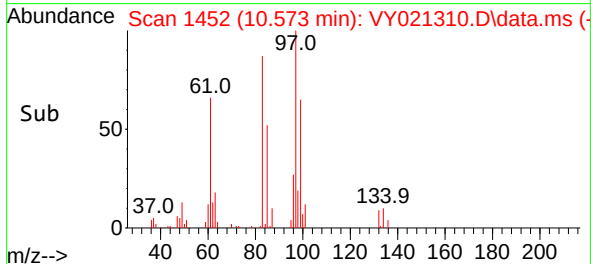
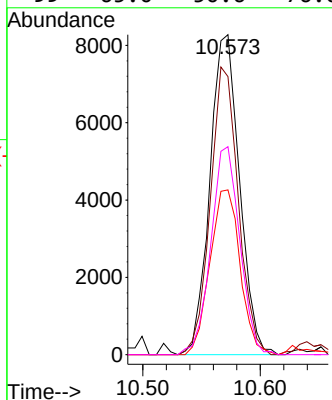
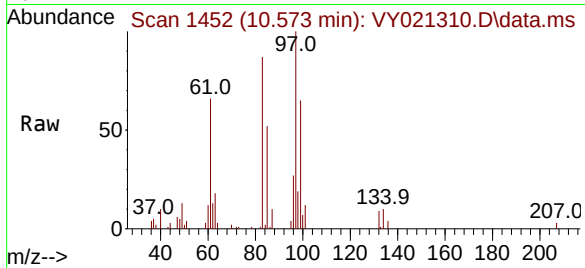




#55
1,1,2-Trichloroethane
Concen: 10.057 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

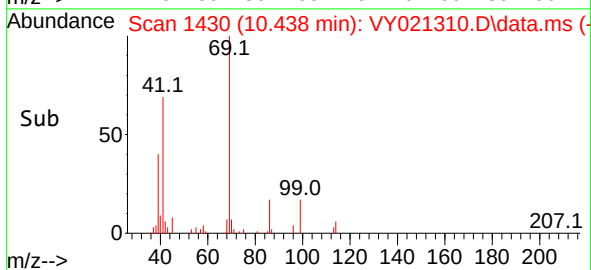
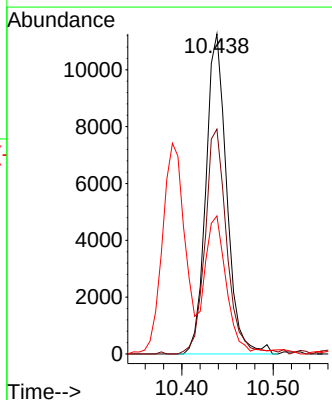
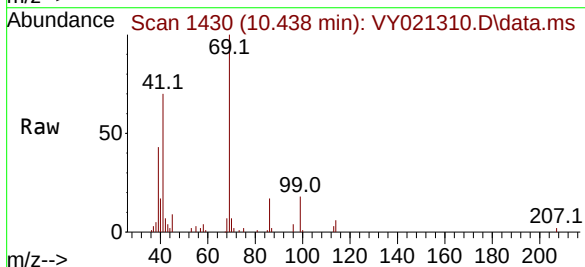
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

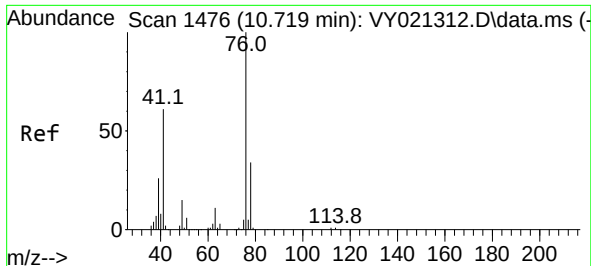
Tgt Ion:	97	Resp:	14509
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.7	103.1
85	51.5	46.3	69.5
99	65.0	50.6	76.0



#56
Ethyl methacrylate
Concen: 8.938 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:	69	Resp:	17817
Ion	Ratio	Lower	Upper
69	100		
41	73.6	56.2	84.4
39	43.1	32.7	49.1





#57

1,3-Dichloropropane

Concen: 9.784 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

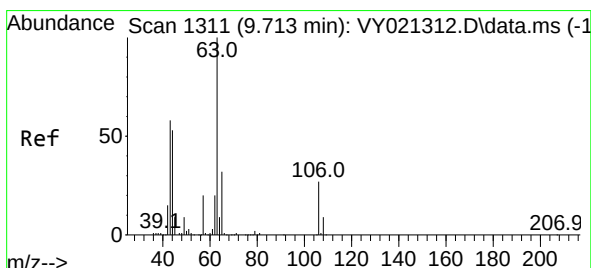
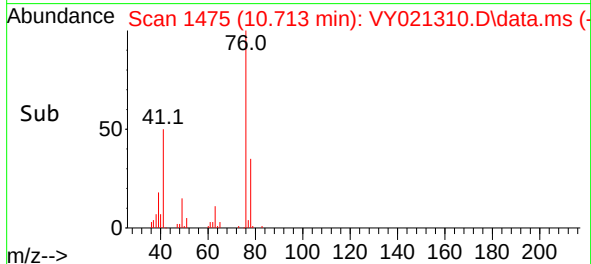
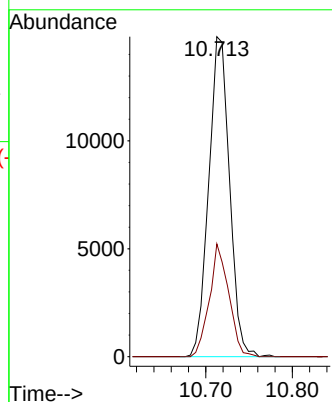
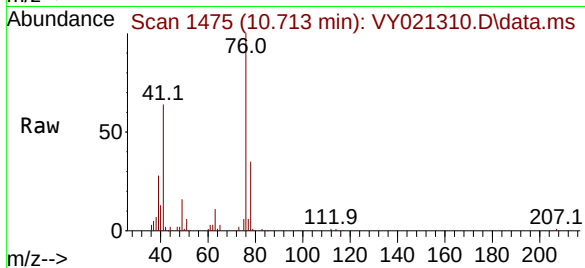
VSTDIC010

Tgt Ion: 76 Resp: 24769

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 44.215 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021310.D

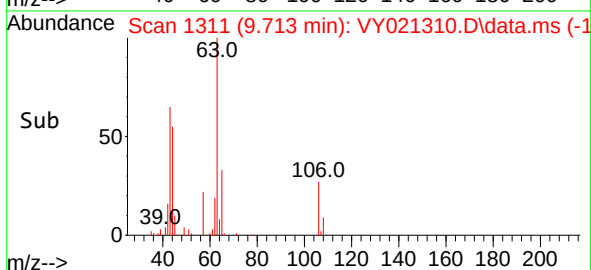
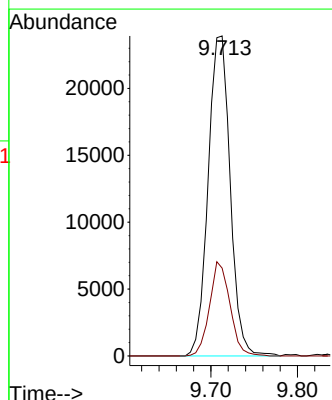
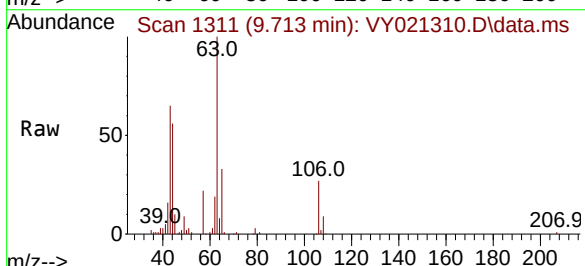
Acq: 25 Feb 2025 13:03

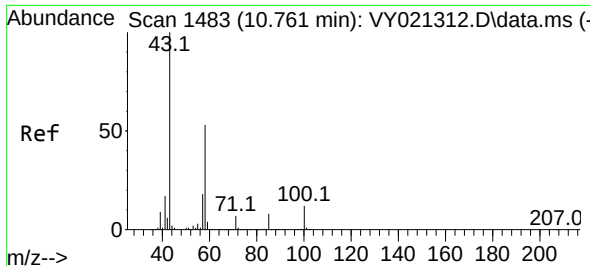
Tgt Ion: 63 Resp: 42304

Ion Ratio Lower Upper

63 100

106 27.2 21.7 32.5

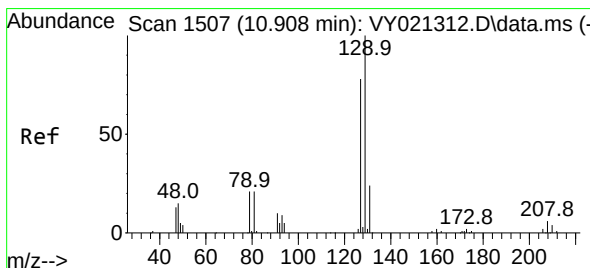
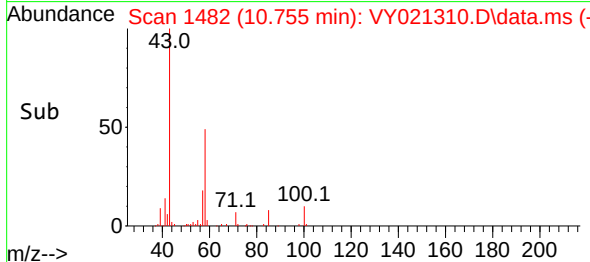
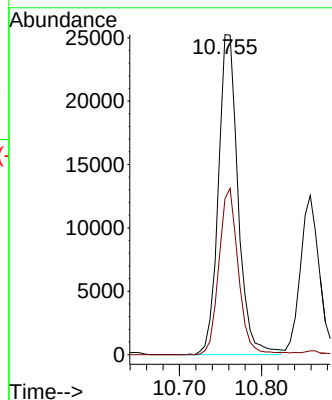
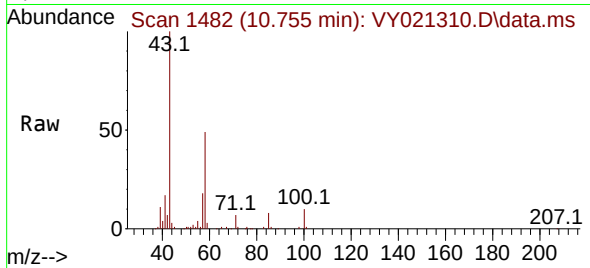




#59
2-Hexanone
Concen: 45.697 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

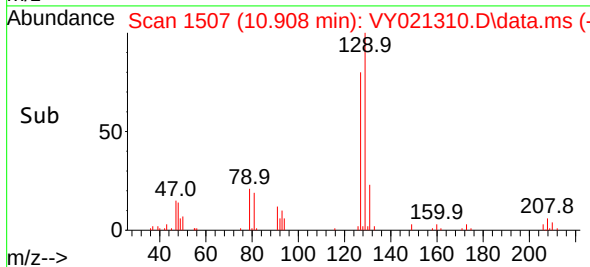
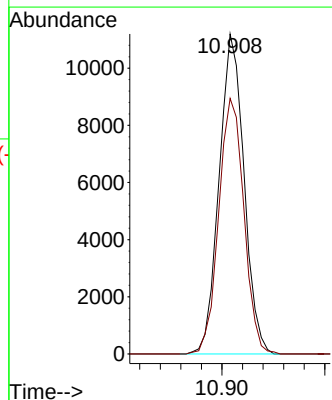
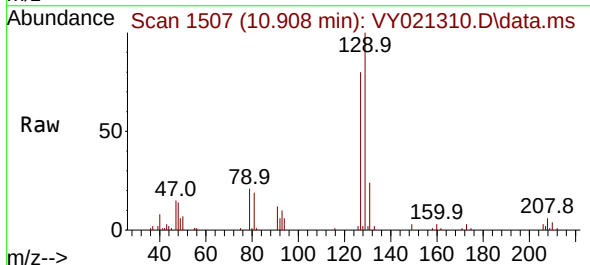
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

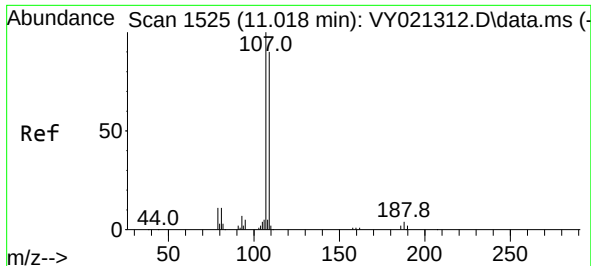
Tgt Ion: 43 Resp: 42123
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.6



#60
Dibromochloromethane
Concen: 9.565 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 129 Resp: 18793
Ion Ratio Lower Upper
129 100
127 80.8 38.8 116.4

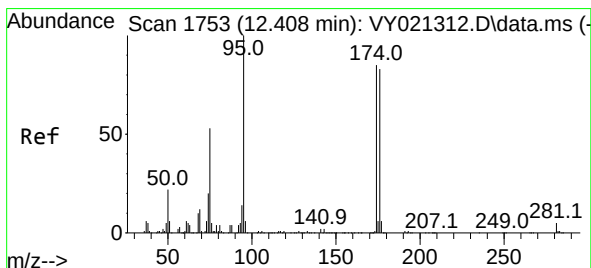
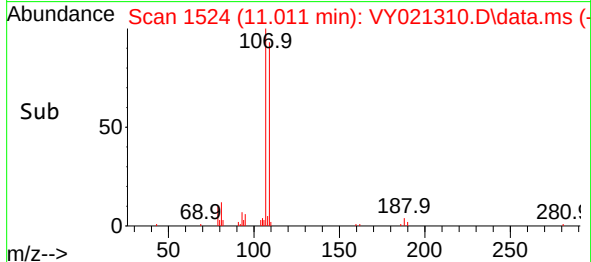
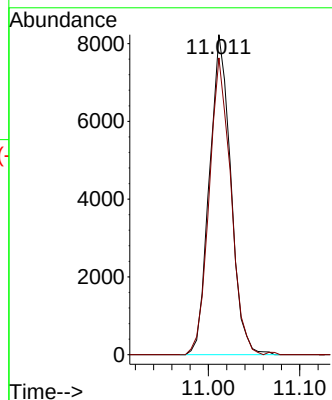
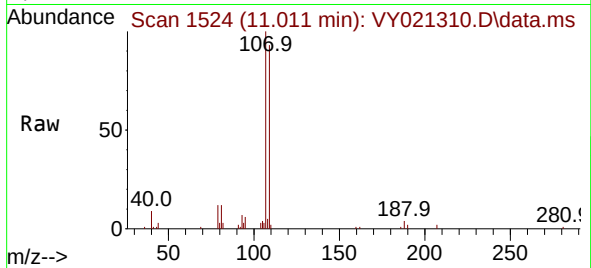




#61
1,2-Dibromoethane
Concen: 9.775 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

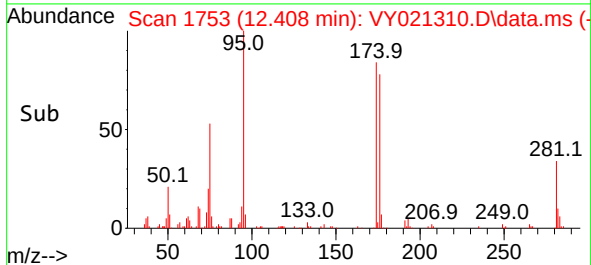
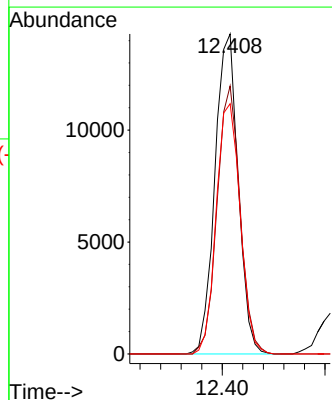
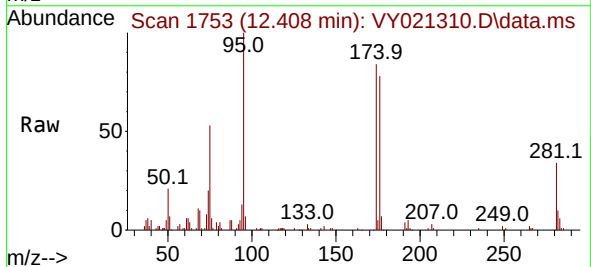
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

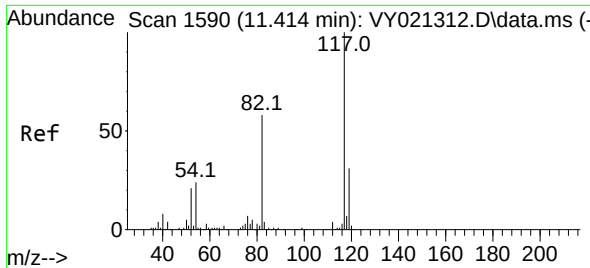
Tgt Ion:107 Resp: 13351
Ion Ratio Lower Upper
107 100
109 93.8 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 9.069 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 95 Resp: 22364
Ion Ratio Lower Upper
95 100
174 83.0 0.0 168.0
176 80.9 0.0 162.6

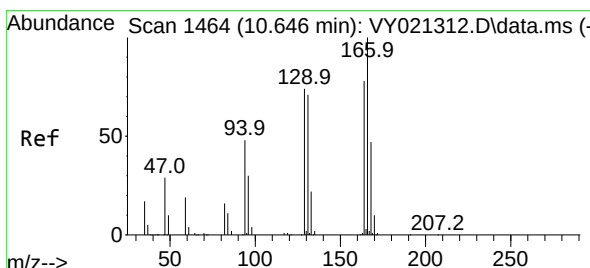
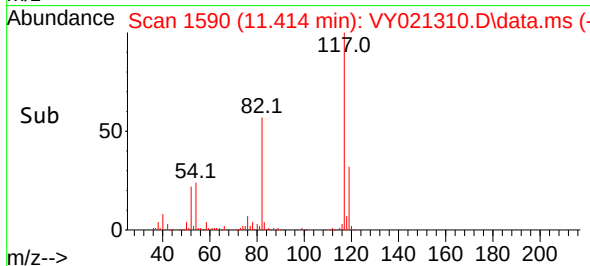
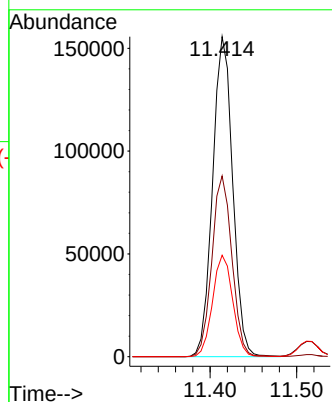
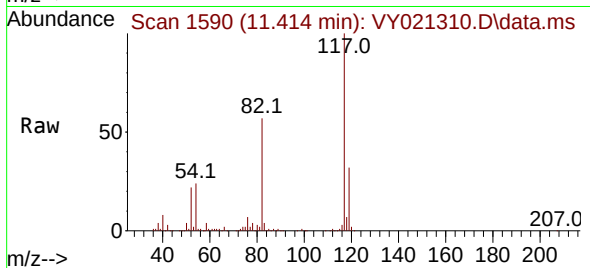




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

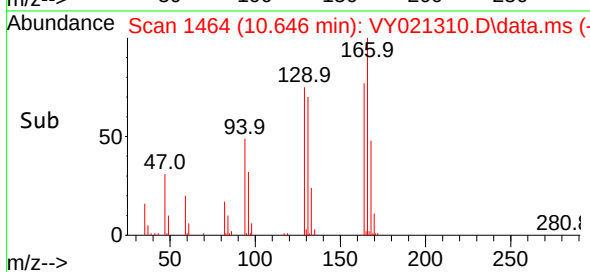
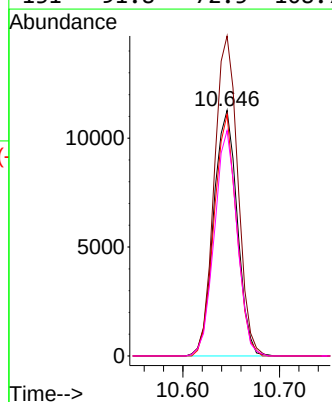
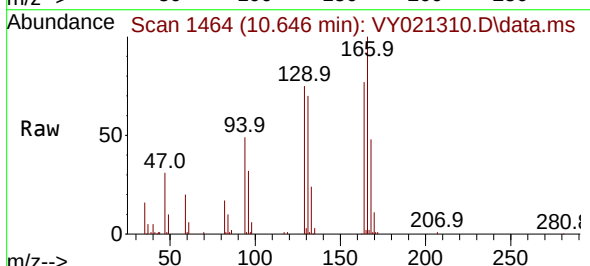
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

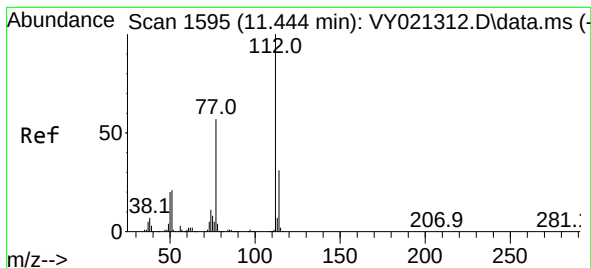
Tgt Ion:117 Resp: 250629
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 31.7 24.9 37.3



#64
Tetrachloroethene
Concen: 10.064 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:164 Resp: 19065
Ion Ratio Lower Upper
164 100
166 130.3 101.9 152.9
129 98.3 75.5 113.3
131 91.8 72.5 108.7





#65

Chlorobenzene

Concen: 9.899 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

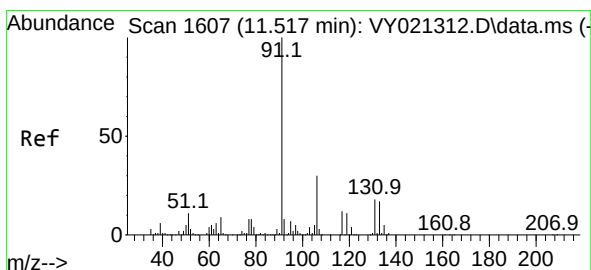
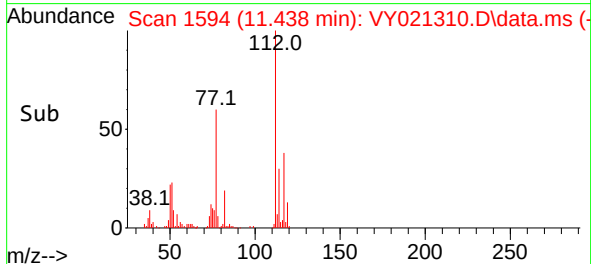
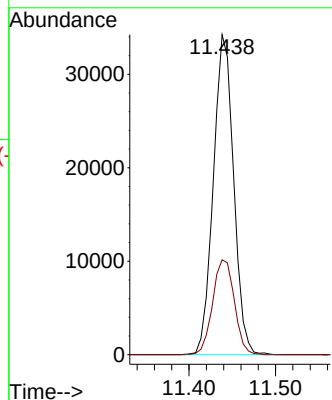
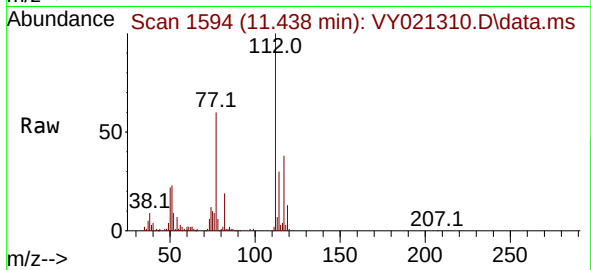
VSTDIC010

Tgt Ion:112 Resp: 55689

Ion Ratio Lower Upper

112 100

114 29.6 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 10.198 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

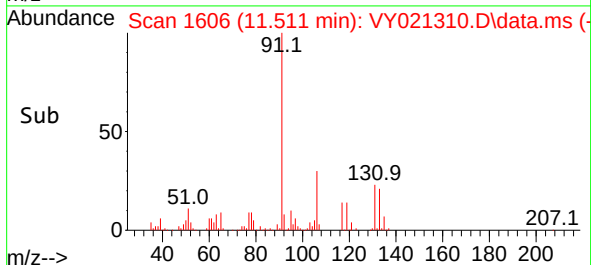
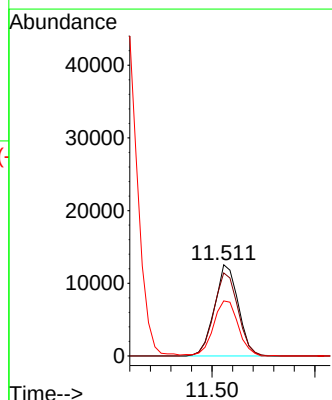
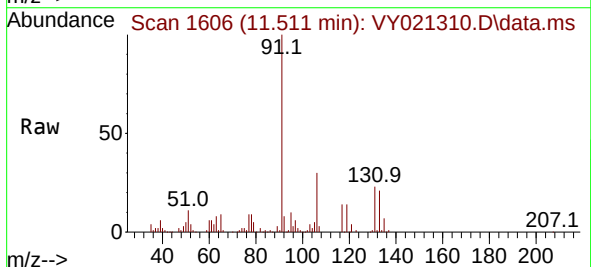
Tgt Ion:131 Resp: 20089

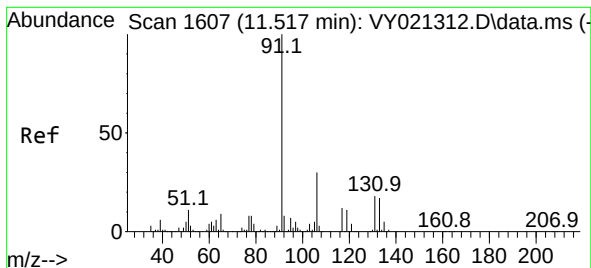
Ion Ratio Lower Upper

131 100

133 93.0 47.9 143.6

119 62.8 31.7 95.1





#67

Ethyl Benzene

Concen: 9.764 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

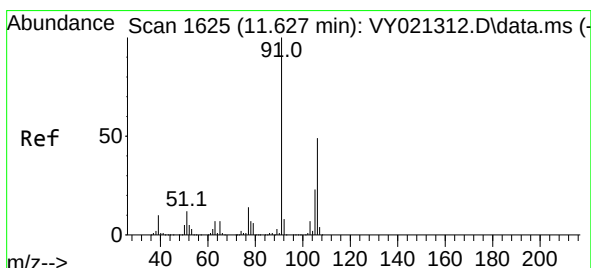
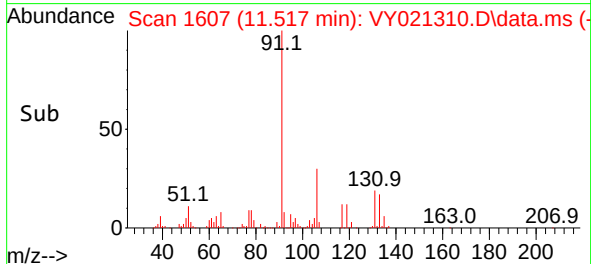
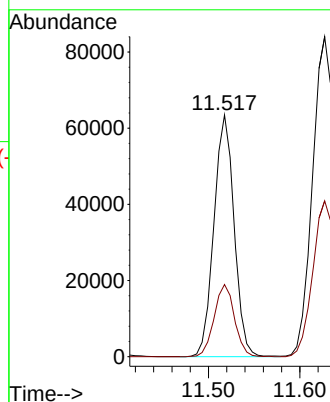
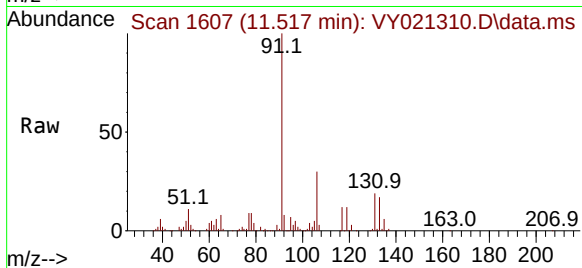
VSTDIC010

Tgt Ion: 91 Resp: 97299

Ion Ratio Lower Upper

91 100

106 29.8 24.4 36.6



#68

m/p-Xylenes

Concen: 19.740 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021310.D

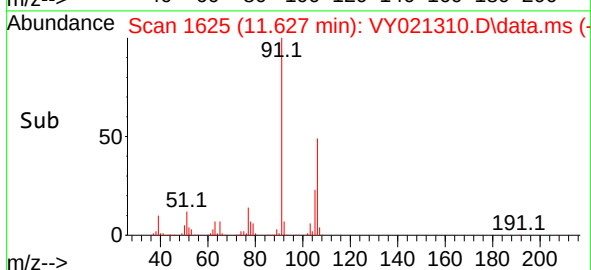
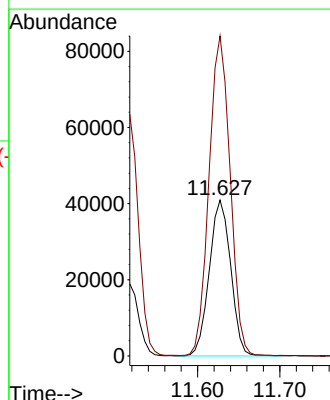
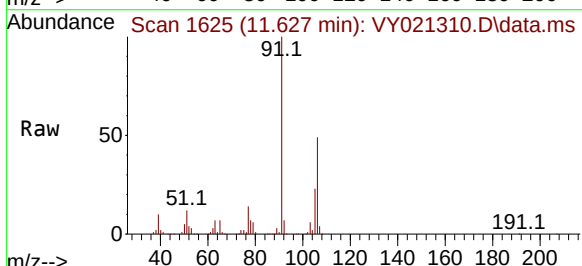
Acq: 25 Feb 2025 13:03

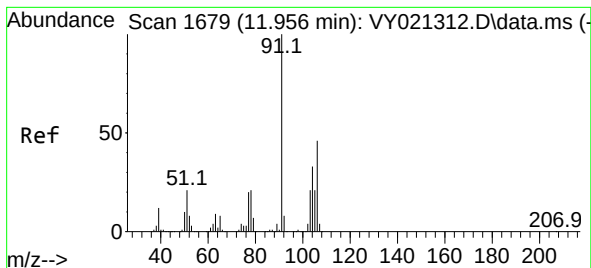
Tgt Ion:106 Resp: 73991

Ion Ratio Lower Upper

106 100

91 203.6 163.9 245.9





#69

o-Xylene

Concen: 9.632 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

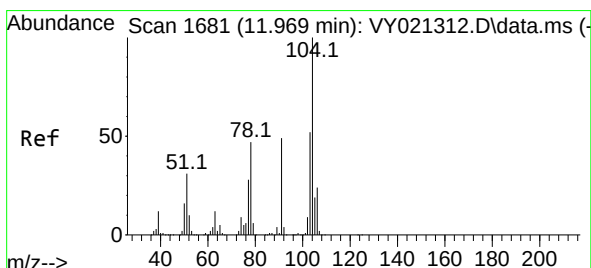
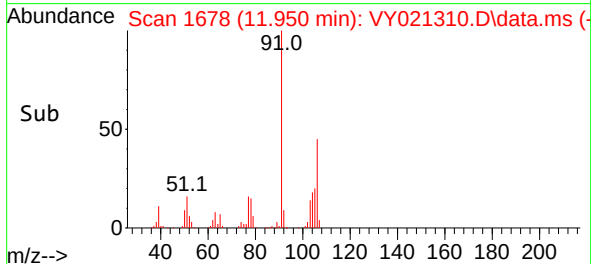
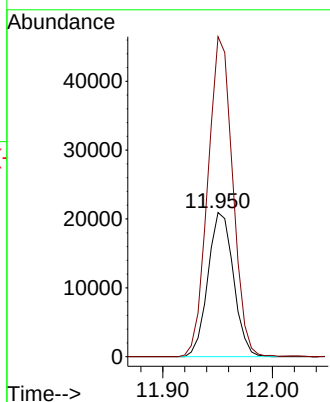
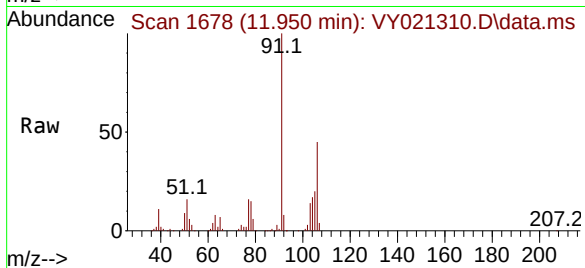
VSTDIC010

Tgt Ion:106 Resp: 33822

Ion Ratio Lower Upper

106 100

91 217.1 108.1 324.2



#70

Styrene

Concen: 9.679 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

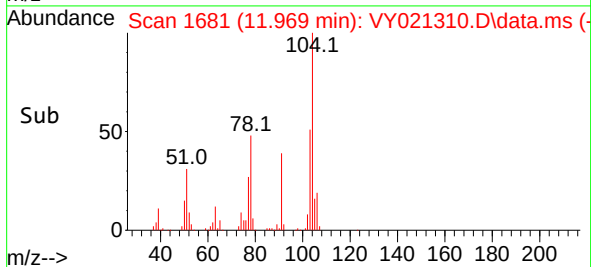
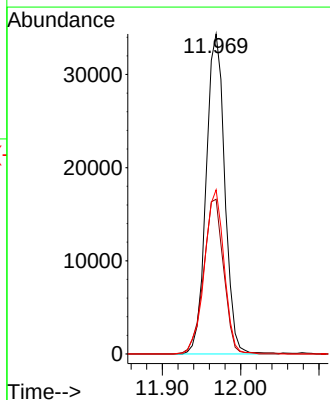
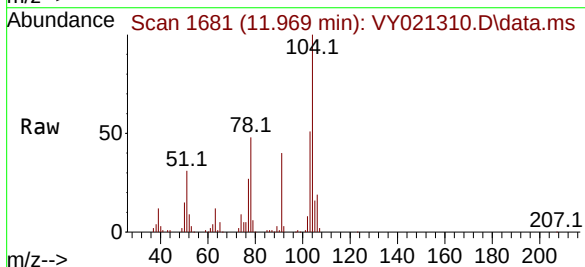
Tgt Ion:104 Resp: 56550

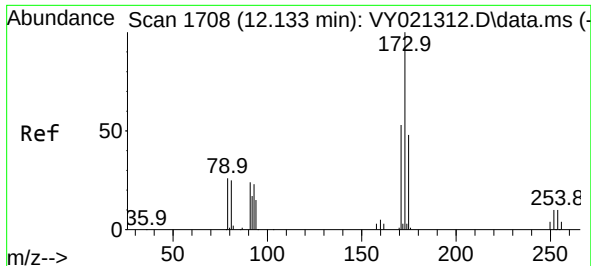
Ion Ratio Lower Upper

104 100

78 52.2 41.3 61.9

103 54.2 43.9 65.9

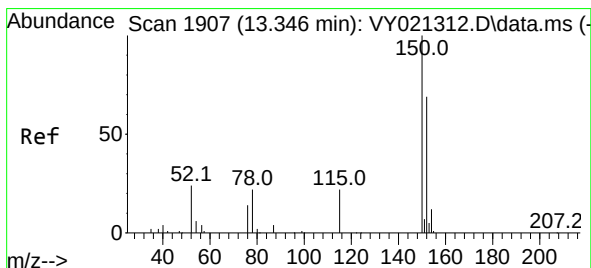
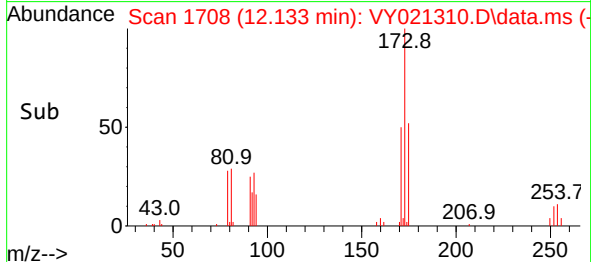
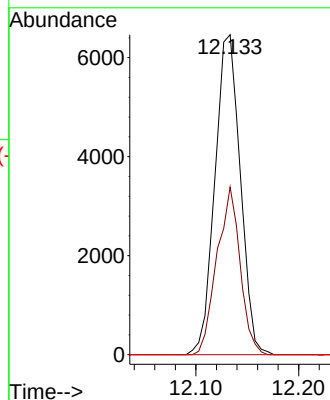
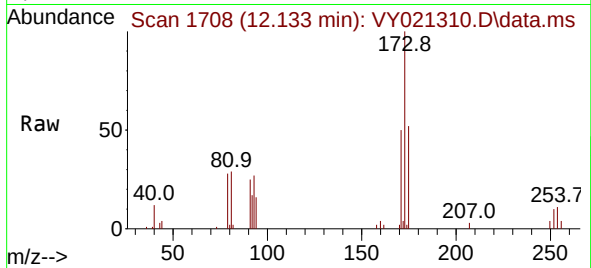




#71
Bromoform
Concen: 9.820 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

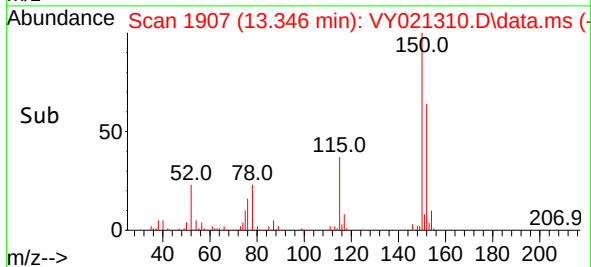
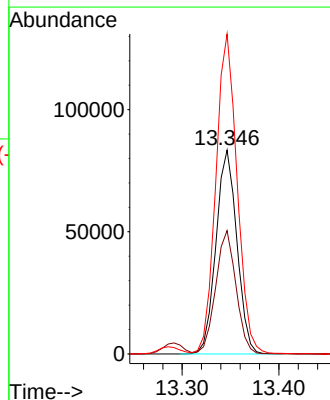
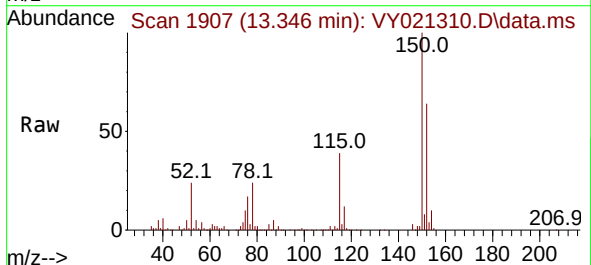
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

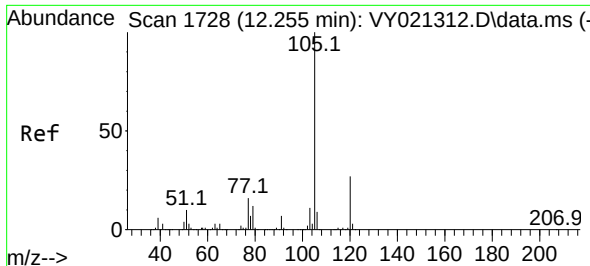
Tgt Ion:173 Resp: 11067
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:152 Resp: 125138
Ion Ratio Lower Upper
152 100
115 59.0 29.3 88.0
150 159.4 0.0 347.4

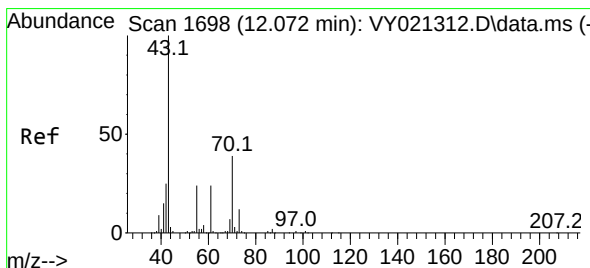
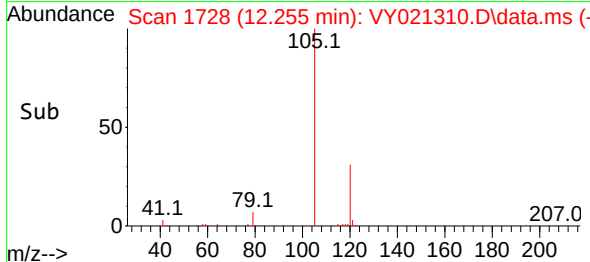
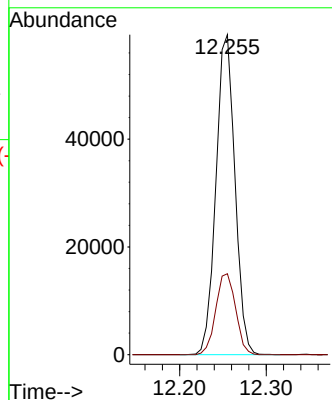
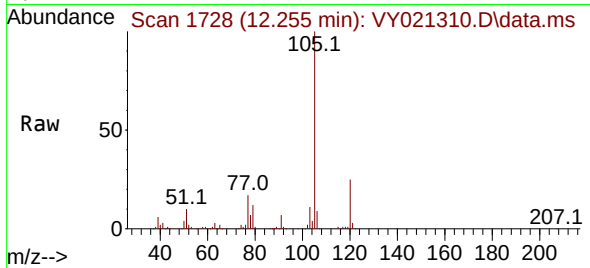




#73
Isopropylbenzene
Concen: 9.590 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

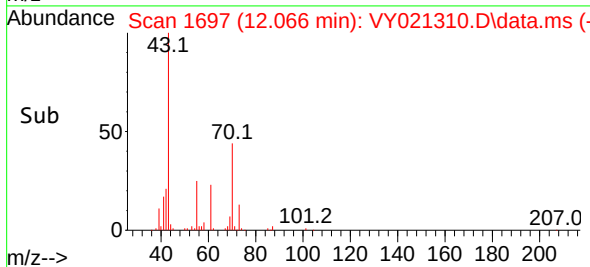
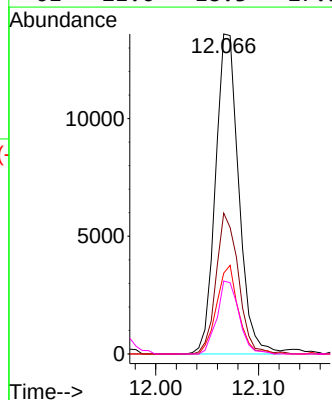
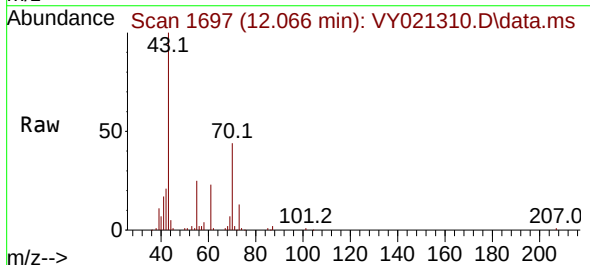
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

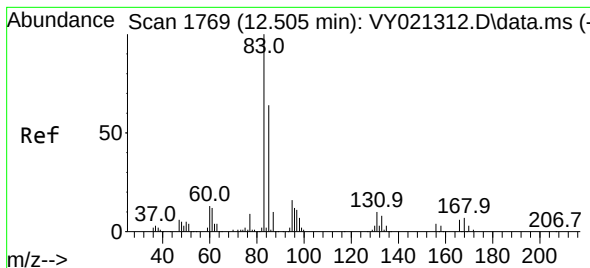
Tgt Ion:105 Resp: 90221
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 8.937 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 43 Resp: 21370
Ion Ratio Lower Upper
43 100
70 42.4 32.2 48.2
55 25.9 19.6 29.4
61 21.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 9.785 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

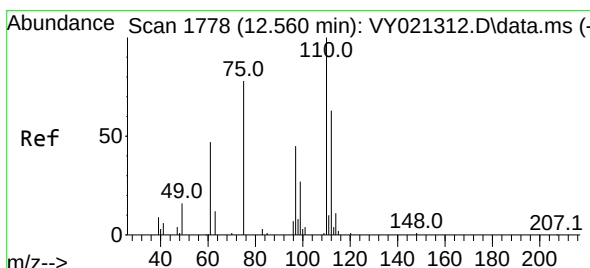
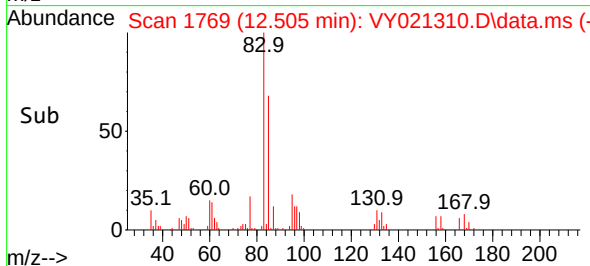
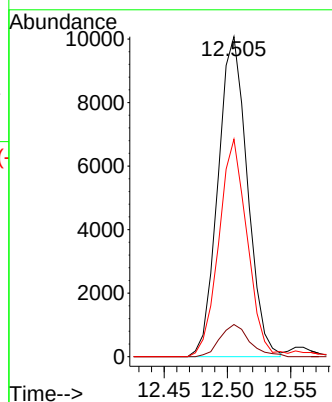
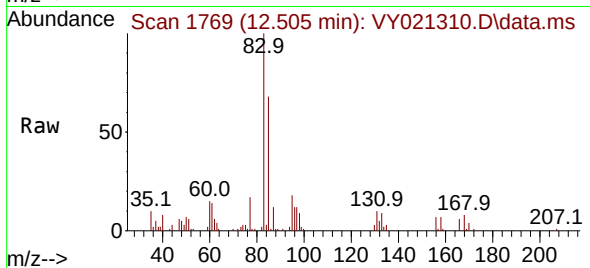
Tgt Ion: 83 Resp: 16246

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

85 65.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 16.789 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021310.D

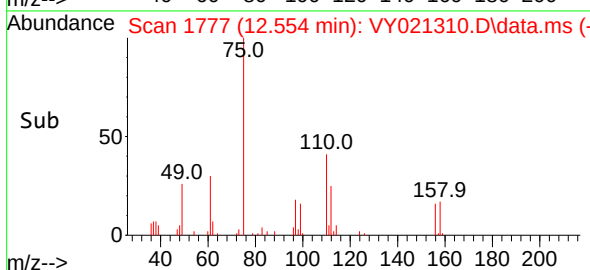
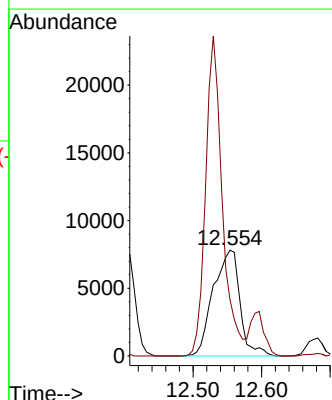
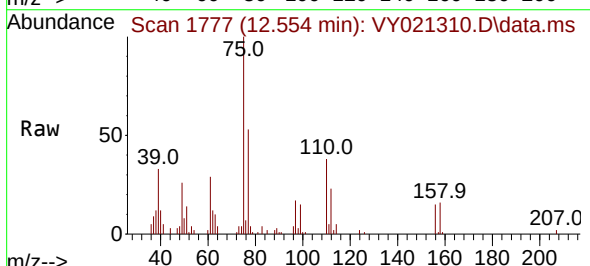
Acq: 25 Feb 2025 13:03

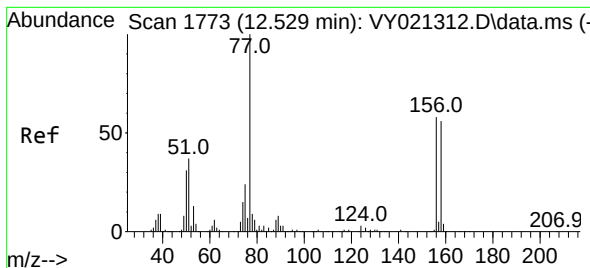
Tgt Ion: 75 Resp: 21157

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.641 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

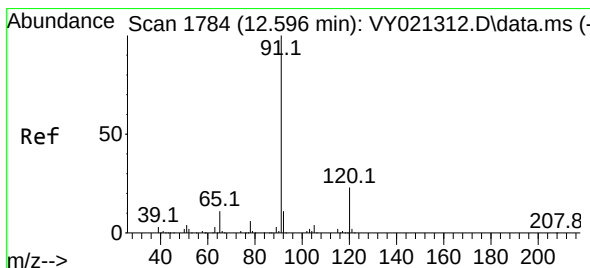
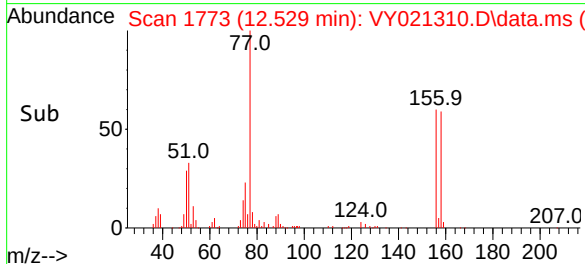
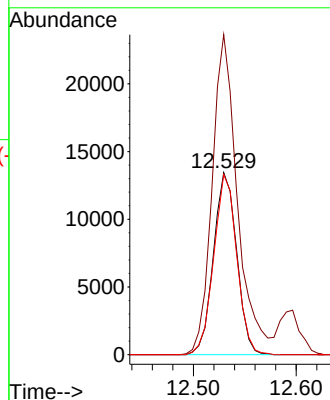
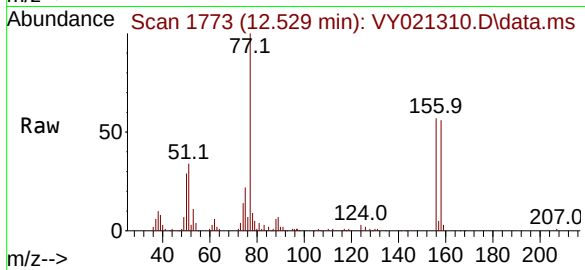
Tgt Ion:156 Resp: 21097

Ion Ratio Lower Upper

156 100

77 190.2 94.0 282.1

158 98.2 48.7 146.1



#78

n-propylbenzene

Concen: 9.652 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021310.D

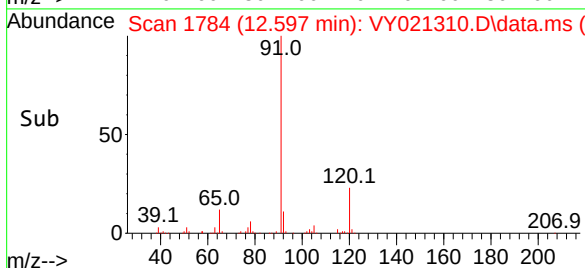
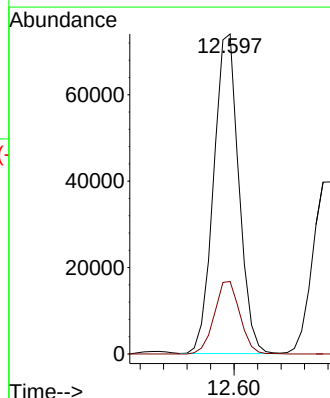
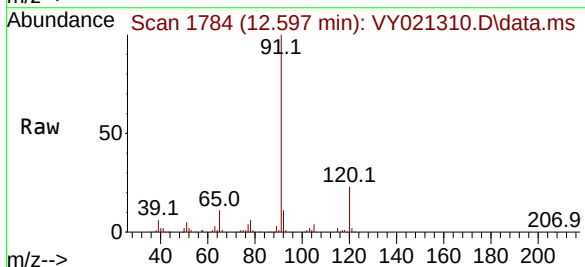
Acq: 25 Feb 2025 13:03

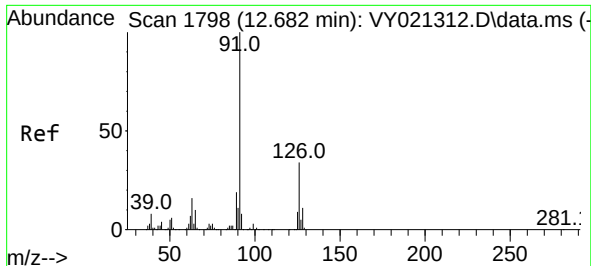
Tgt Ion: 91 Resp: 110190

Ion Ratio Lower Upper

91 100

120 22.9 11.2 33.5

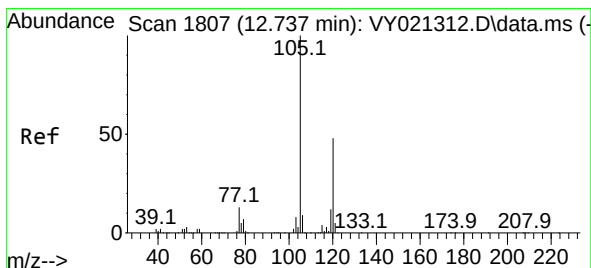
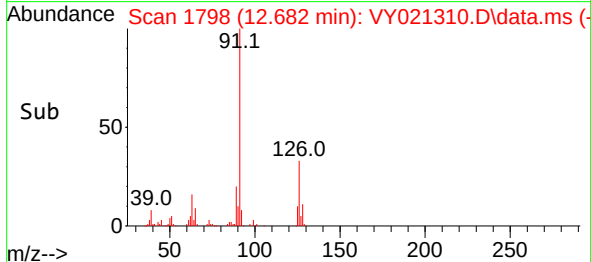
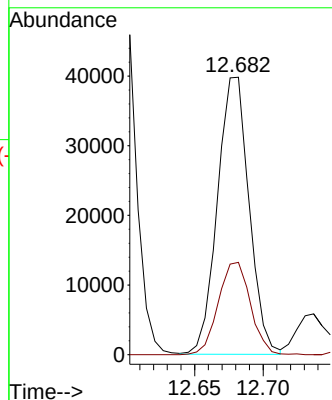
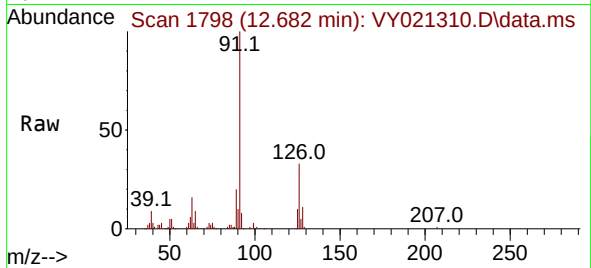




#79
2-Chlorotoluene
Concen: 9.771 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

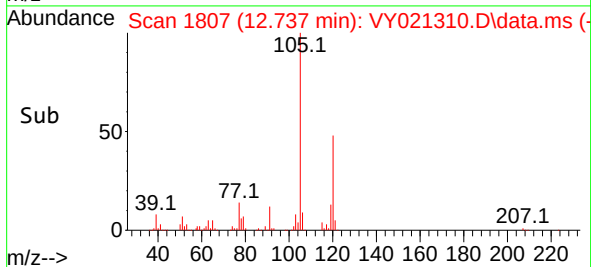
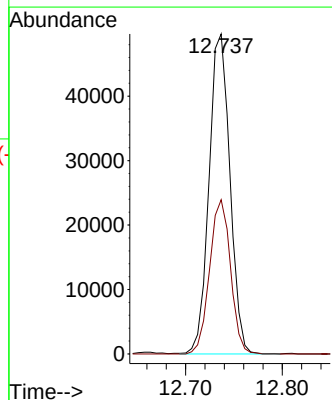
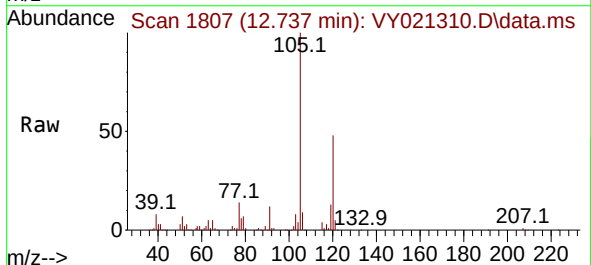
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

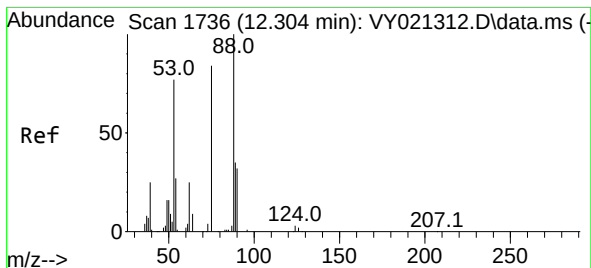
Tgt Ion: 91 Resp: 64018
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 9.655 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 105 Resp: 74498
Ion Ratio Lower Upper
105 100
120 48.2 24.3 73.0

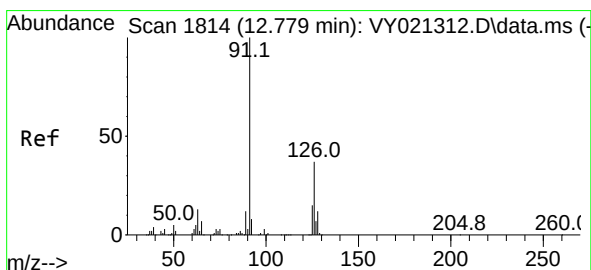
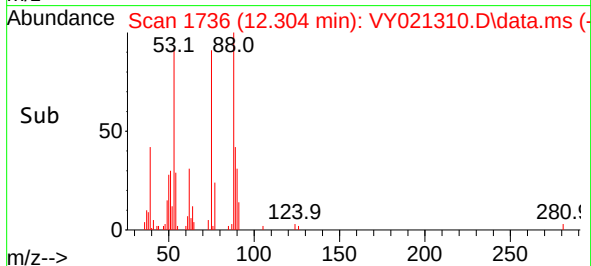
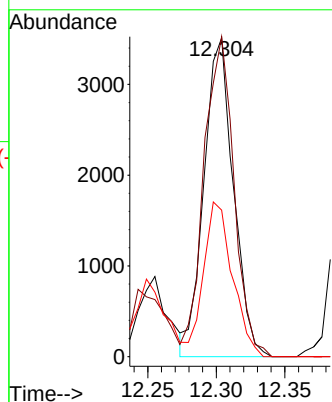
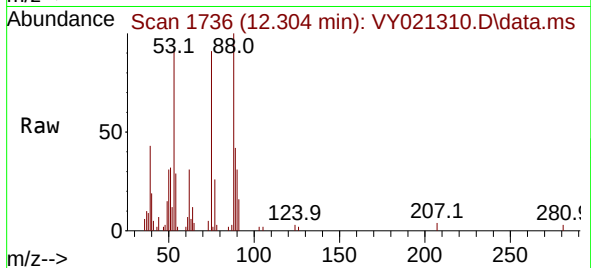




#81
trans-1,4-Dichloro-2-butene
Concen: 9.295 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

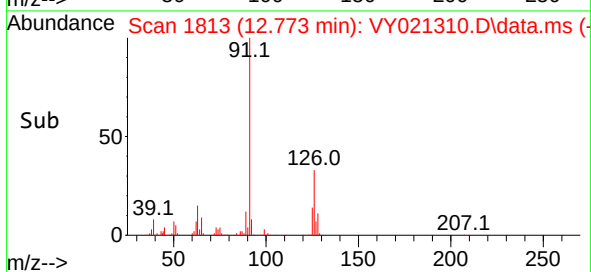
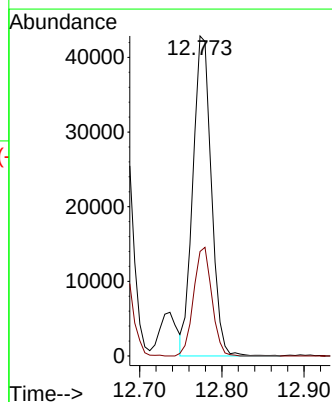
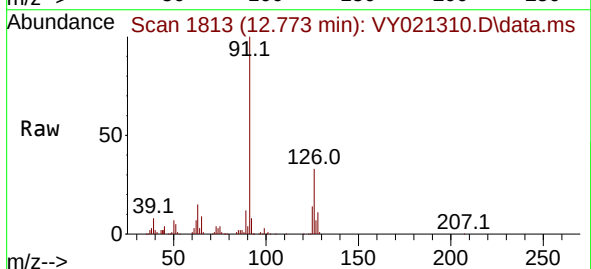
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

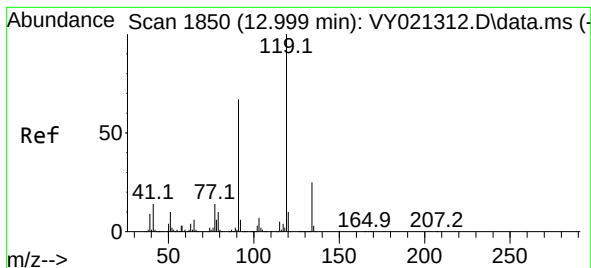
Tgt Ion: 75 Resp: 5238
Ion Ratio Lower Upper
75 100
53 102.5 79.1 118.7
89 47.3 35.6 53.4



#82
4-Chlorotoluene
Concen: 9.821 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 91 Resp: 66701
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





#83

tert-Butylbenzene

Concen: 9.886 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

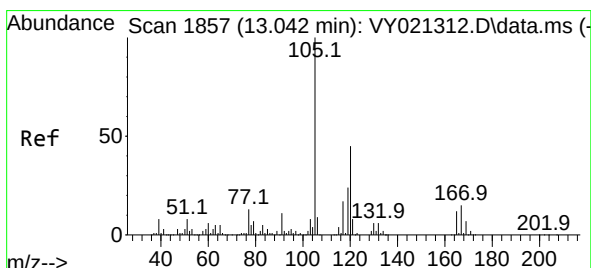
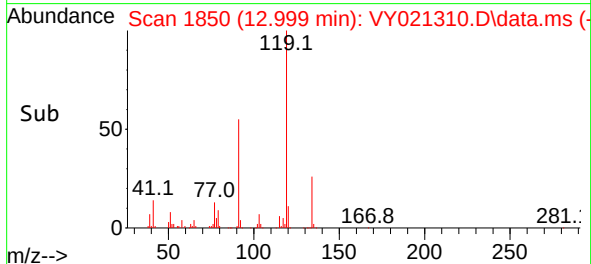
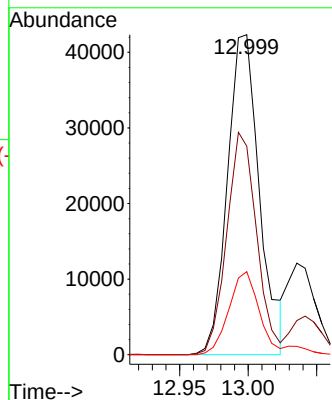
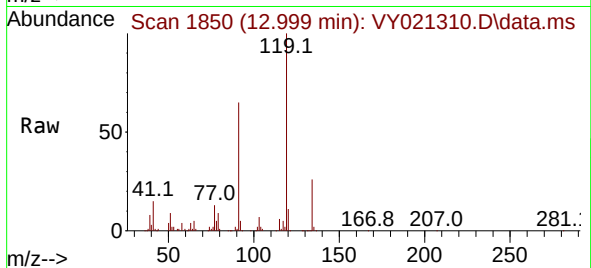
Tgt Ion:119 Resp: 68905

Ion Ratio Lower Upper

119 100

91 64.8 32.7 98.1

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 9.647 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021310.D

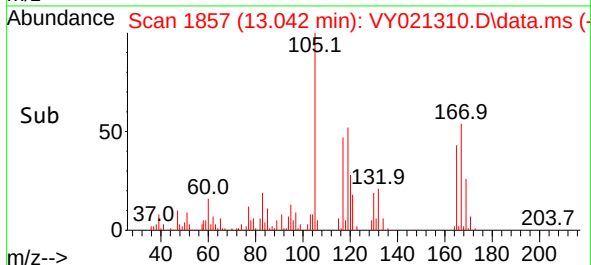
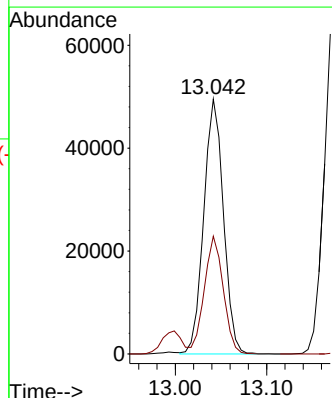
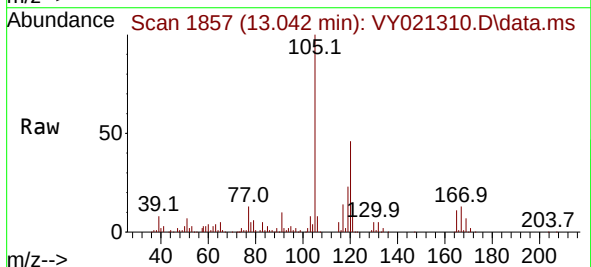
Acq: 25 Feb 2025 13:03

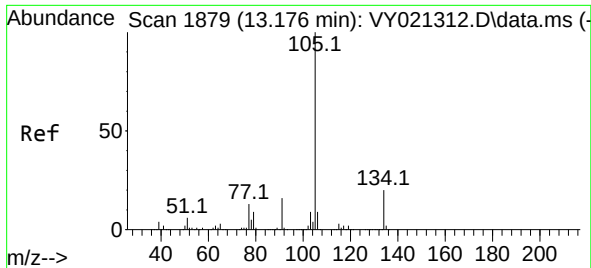
Tgt Ion:105 Resp: 74032

Ion Ratio Lower Upper

105 100

120 44.3 22.4 67.3

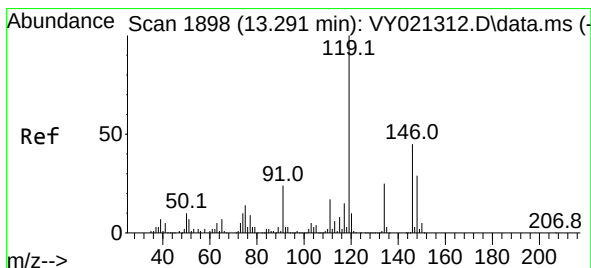
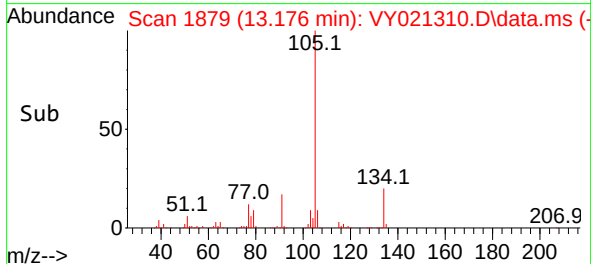
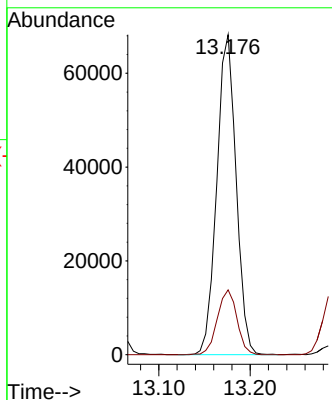
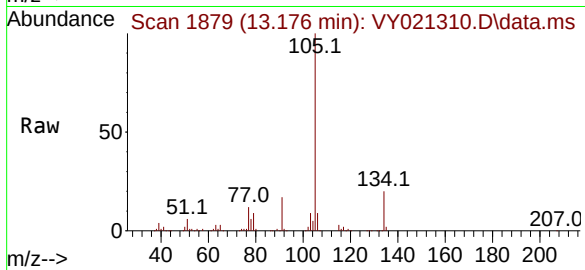




#85
 sec-Butylbenzene
 Concen: 9.841 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021310.D
 Acq: 25 Feb 2025 13:03

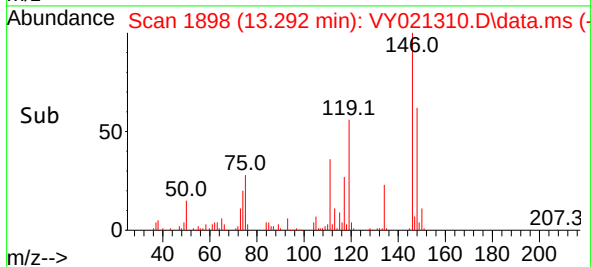
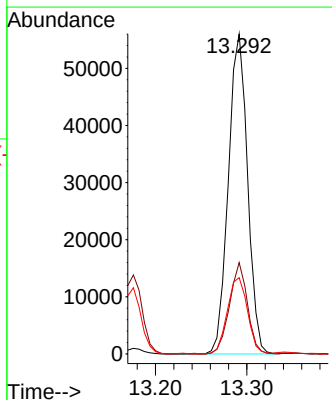
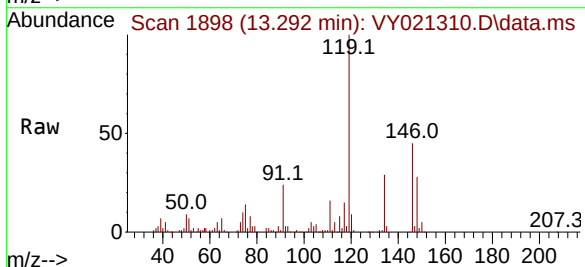
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

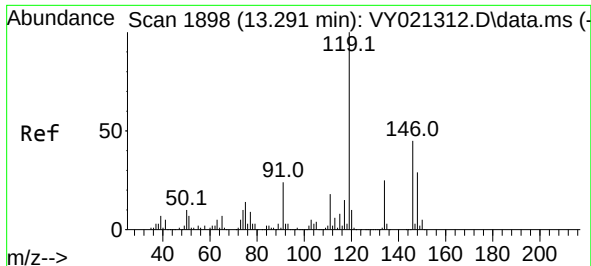
Tgt Ion:105 Resp: 100189
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 9.619 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021310.D
 Acq: 25 Feb 2025 13:03

Tgt Ion:119 Resp: 81769
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 38.9
 91 25.1 12.0 36.1

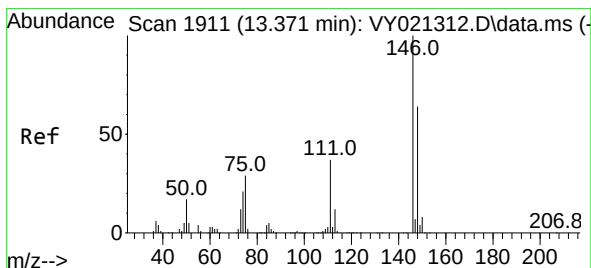
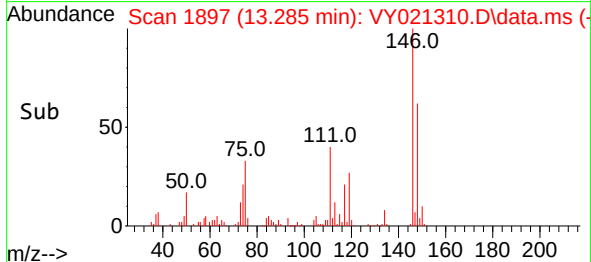
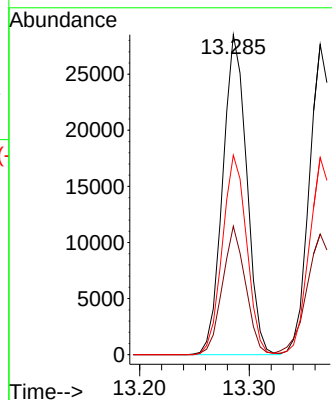
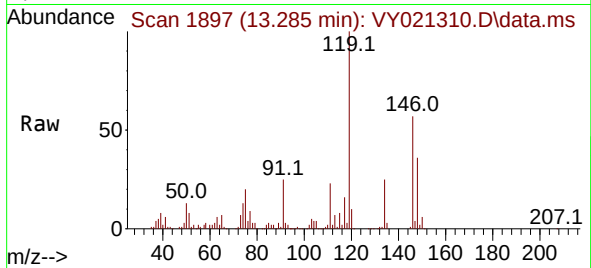




#87
1,3-Dichlorobenzene
Concen: 9.996 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

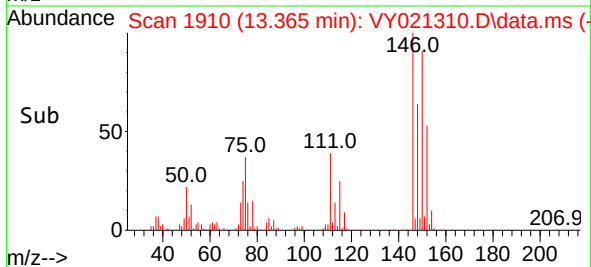
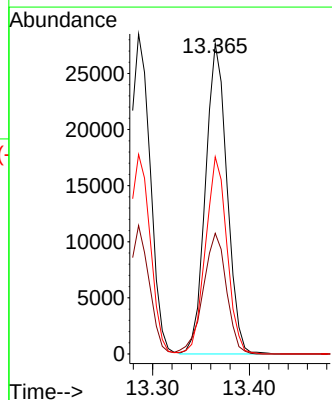
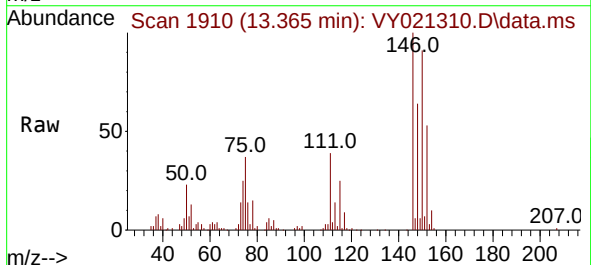
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

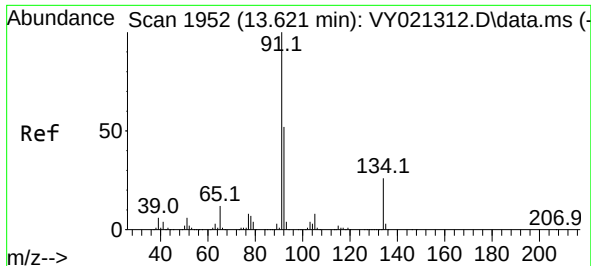
Tgt Ion:146 Resp: 43267
Ion Ratio Lower Upper
146 100
111 38.7 20.0 59.9
148 63.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 10.006 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion:146 Resp: 42788
Ion Ratio Lower Upper
146 100
111 42.1 19.5 58.5
148 63.5 32.0 96.2

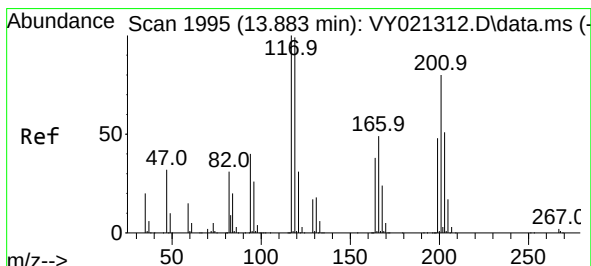
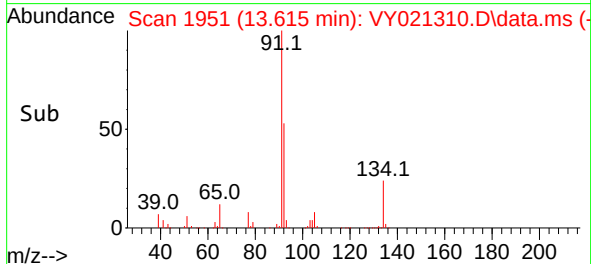
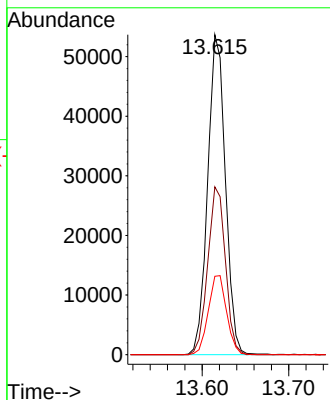
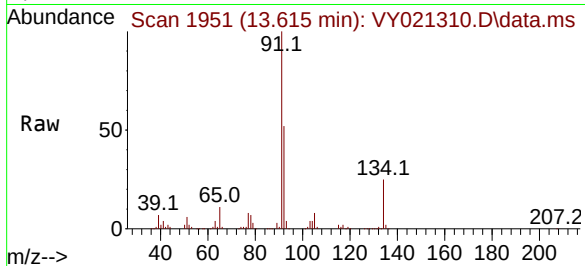




#89
n-Butylbenzene
Concen: 9.541 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

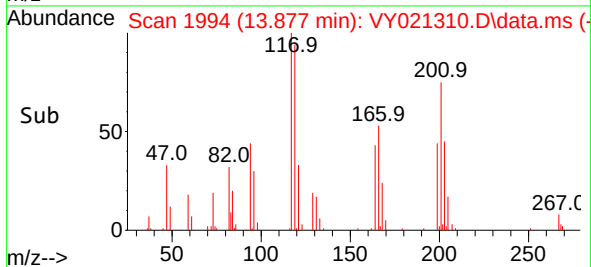
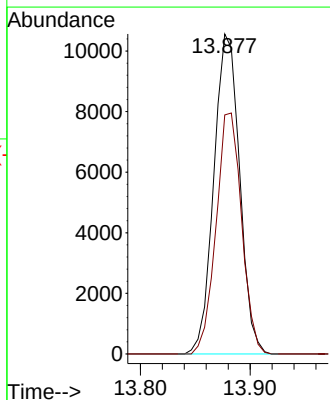
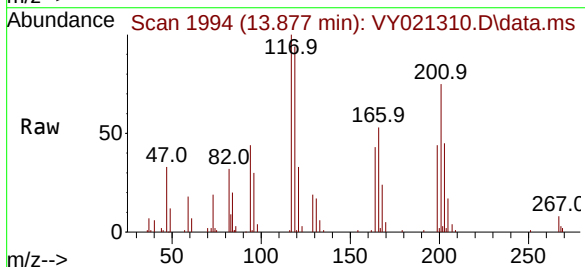
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

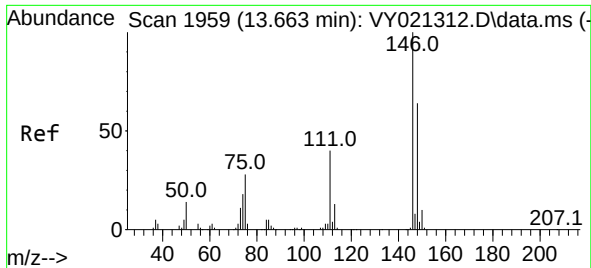
Tgt Ion: 91 Resp: 76325
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.2
134 25.5 12.7 38.0



#90
Hexachloroethane
Concen: 9.721 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021310.D
Acq: 25 Feb 2025 13:03

Tgt Ion: 117 Resp: 17261
Ion Ratio Lower Upper
117 100
201 74.6 38.4 115.2

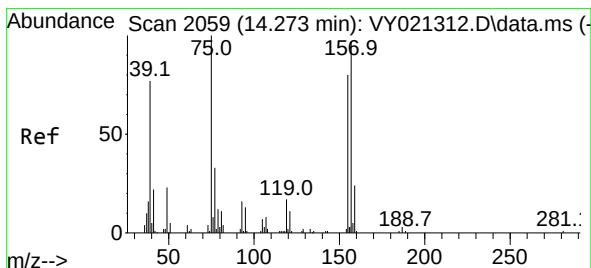
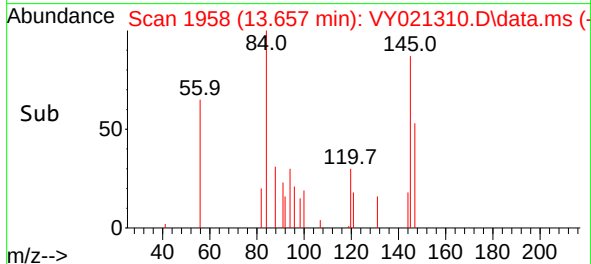
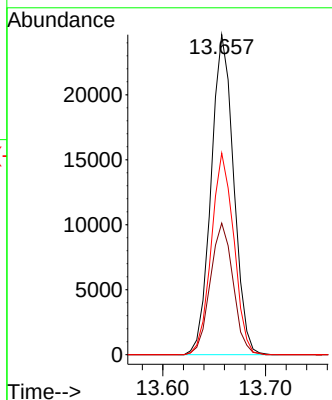
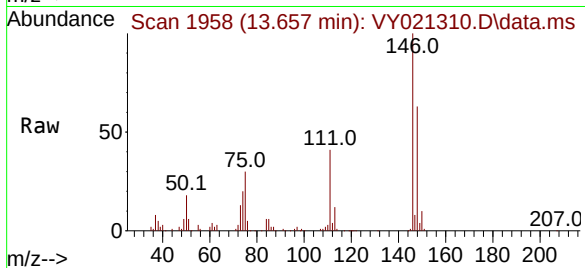




#91
 1,2-Dichlorobenzene
 Concen: 9.894 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021310.D
 Acq: 25 Feb 2025 13:03

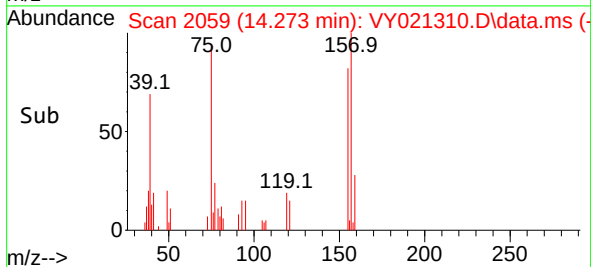
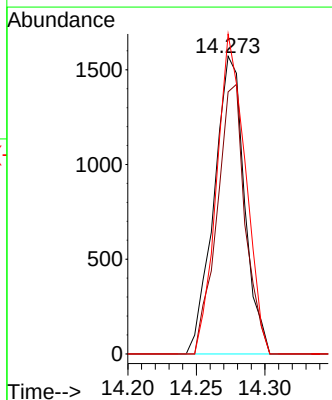
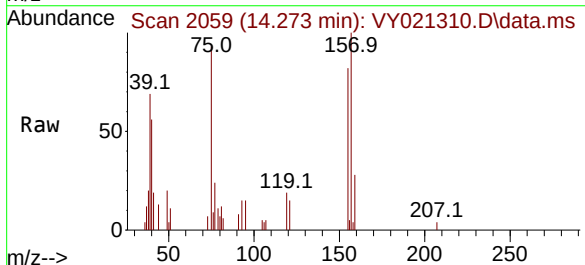
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

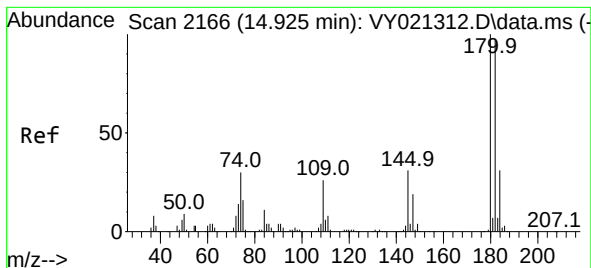
Tgt Ion:146 Resp: 37522
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 62.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.229 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021310.D
 Acq: 25 Feb 2025 13:03

Tgt Ion: 75 Resp: 2424
 Ion Ratio Lower Upper
 75 100
 155 84.3 41.9 125.6
 157 101.6 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 9.174 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

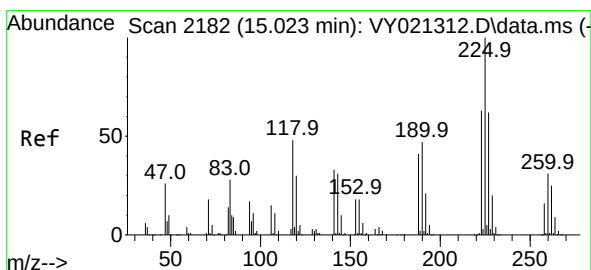
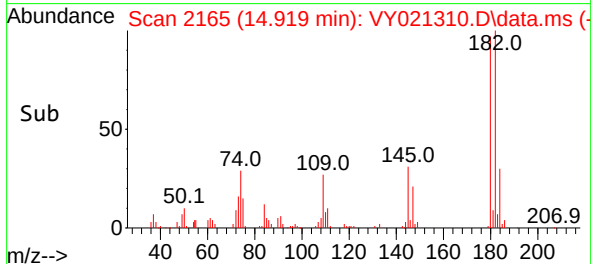
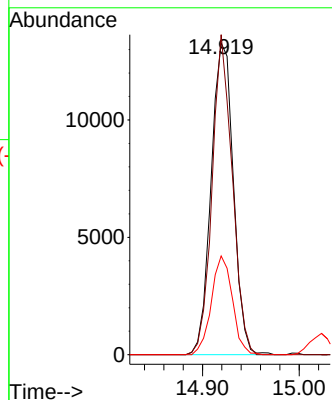
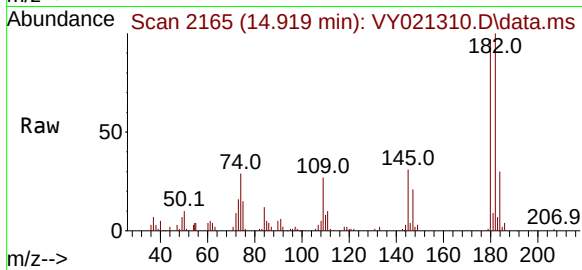
Tgt Ion:180 Resp: 21234

Ion Ratio Lower Upper

180 100

182 92.7 47.9 143.7

145 29.9 15.6 46.8



#94

Hexachlorobutadiene

Concen: 9.845 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

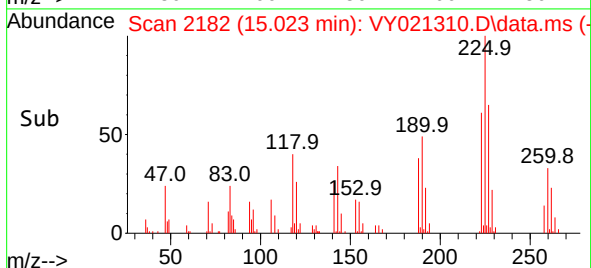
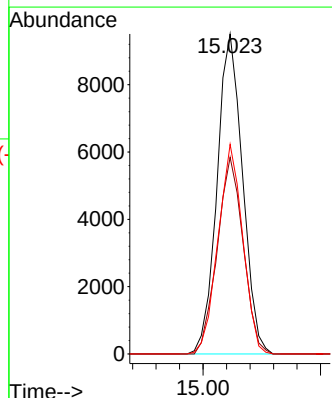
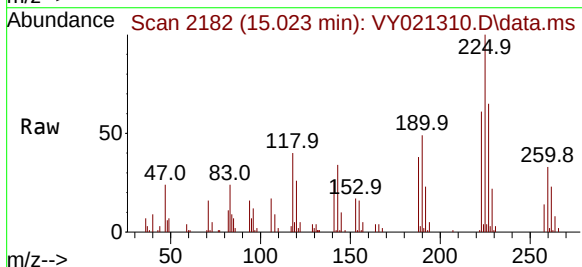
Tgt Ion:225 Resp: 14346

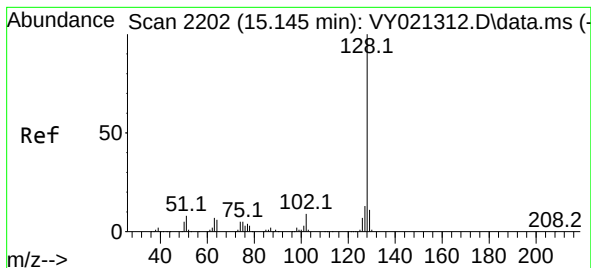
Ion Ratio Lower Upper

225 100

223 62.2 31.8 95.4

227 63.4 31.9 95.7





#95

Naphthalene

Concen: 8.371 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

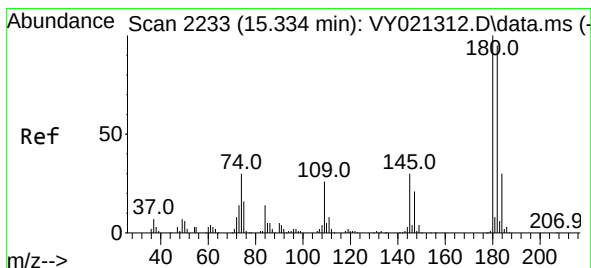
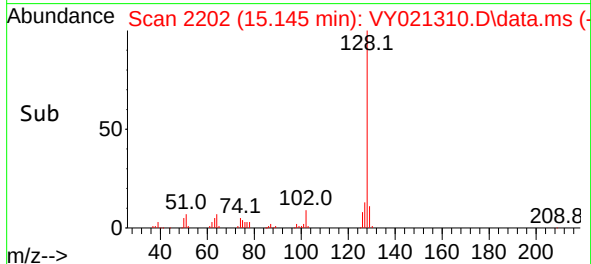
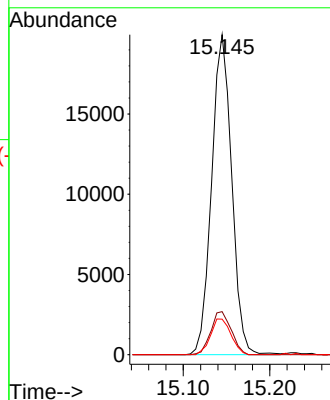
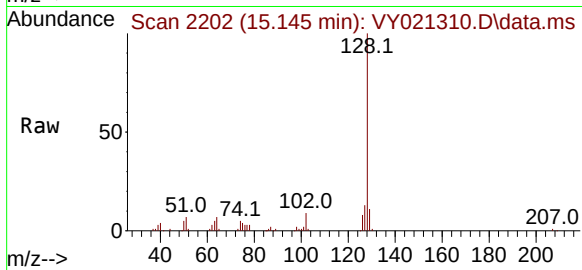
Tgt Ion:128 Resp: 32094

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.4 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 9.195 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021310.D

Acq: 25 Feb 2025 13:03

Tgt Ion:180 Resp: 17983

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.9

145 31.4 16.1 48.3

