

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021309.D
 Acq On : 25 Feb 2025 12:40
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 26 01:42:49 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	177514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	289913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	247837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	118690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	12088	6.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.000%#
35) Dibromofluoromethane	7.634	113	10715	5.637	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.280%#
50) Toluene-d8	10.103	98	41158	5.603	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	11.200%#
62) 4-Bromofluorobenzene	12.408	95	14192	5.741	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	9045	5.374	ug/l	99
3) Chloromethane	2.068	50	12591	5.793	ug/l	97
4) Vinyl Chloride	2.202	62	11497	5.389	ug/l	93
5) Bromomethane	2.598	94	8962	6.321	ug/l	99
6) Chloroethane	2.733	64	7351	5.556	ug/l	99
7) Trichlorofluoromethane	3.056	101	17319	5.375	ug/l #	83
8) Diethyl Ether	3.458	74	4897	5.064	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.806	101	9686	5.193	ug/l	96
10) Methyl Iodide	4.001	142	8728	4.447	ug/l	99
11) Tert butyl alcohol	4.848	59	5165	33.345	ug/l #	84
12) 1,1-Dichloroethene	3.787	96	9671	5.415	ug/l	90
13) Acrolein	3.647	56	5798	48.848	ug/l	99
14) Allyl chloride	4.379	41	16498	5.210	ug/l	99
15) Acrylonitrile	5.055	53	10830	25.330	ug/l	98
16) Acetone	3.866	43	10823	28.018	ug/l	99
17) Carbon Disulfide	4.104	76	31953	5.387	ug/l	99
18) Methyl Acetate	4.391	43	5062	5.362	ug/l #	54
19) Methyl tert-butyl Ether	5.110	73	23290	4.935	ug/l	100
20) Methylene Chloride	4.610	84	13003	6.225	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	10455	5.317	ug/l	98
22) Diisopropyl ether	6.012	45	32640	4.981	ug/l #	86
23) Vinyl Acetate	5.958	43	94244	24.067	ug/l	99
24) 1,1-Dichloroethane	5.915	63	19538	5.290	ug/l	98
25) 2-Butanone	6.890	43	14341	24.599	ug/l #	88
26) 2,2-Dichloropropane	6.884	77	18391	5.488	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	11522	5.132	ug/l	97
28) Bromochloromethane	7.244	49	9318	5.702	ug/l	99
29) Tetrahydrofuran	7.262	42	9319	24.455	ug/l	99
30) Chloroform	7.421	83	20025	5.351	ug/l	98
31) Cyclohexane	7.701	56	20990	5.912	ug/l #	86
32) 1,1,1-Trichloroethane	7.616	97	18106	5.315	ug/l	98
36) 1,1-Dichloropropene	7.829	75	14719	5.155	ug/l	98
37) Ethyl Acetate	6.982	43	7270	5.119	ug/l	98
38) Carbon Tetrachloride	7.817	117	16445	5.124	ug/l	92
39) Methylcyclohexane	9.103	83	17316	4.795	ug/l	95
40) Benzene	8.079	78	43912	5.203	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021309.D
 Acq On : 25 Feb 2025 12:40
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 26 01:42:49 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)
41) Methacrylonitrile	7.220	41	2838	3.574	ug/l #	74
42) 1,2-Dichloroethane	8.158	62	12236	5.110	ug/l	99
43) Isopropyl Acetate	8.195	43	12832	4.668	ug/l	99
44) Trichloroethene	8.859	130	10868	5.143	ug/l	100
45) 1,2-Dichloropropane	9.140	63	10426	5.133	ug/l	95
46) Dibromomethane	9.231	93	5557	5.005	ug/l	100
47) Bromodichloromethane	9.420	83	15042	5.081	ug/l	100
48) Methyl methacrylate	9.219	41	5698	4.433	ug/l	95
49) 1,4-Dioxane	9.231	88	1164	94.292	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	31910	22.677	ug/l	100
52) Toluene	10.170	92	25715	4.905	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	12697	4.682	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	15685	4.899	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	7259	5.019	ug/l	96
56) Ethyl methacrylate	10.438	69	8528	4.267	ug/l	99
57) 1,3-Dichloropropane	10.713	76	12384	4.880	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	20290	21.153	ug/l	98
59) 2-Hexanone	10.762	43	19312	20.897	ug/l	97
60) Dibromochloromethane	10.914	129	9844	4.998	ug/l	97
61) 1,2-Dibromoethane	11.018	107	6792	4.960	ug/l	98
64) Tetrachloroethene	10.646	164	10042	5.361	ug/l	96
65) Chlorobenzene	11.444	112	29025	5.217	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	9824	5.043	ug/l	99
67) Ethyl Benzene	11.518	91	48026	4.874	ug/l	97
68) m/p-Xylenes	11.627	106	36446	9.833	ug/l	100
69) o-Xylene	11.956	106	17085	4.920	ug/l	97
70) Styrene	11.969	104	26787	4.637	ug/l	99
71) Bromoform	12.133	173	5478	4.916	ug/l #	99
73) Isopropylbenzene	12.255	105	44434	4.980	ug/l	99
74) N-amyl acetate	12.072	43	9713	4.283	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	8309	5.276	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	10626	8.890	ug/l #	100
77) Bromobenzene	12.536	156	10911	5.257	ug/l	99
78) n-propylbenzene	12.597	91	53794	4.968	ug/l	100
79) 2-Chlorotoluene	12.682	91	32529	5.235	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	36696	5.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	2493	4.664	ug/l	97
82) 4-Chlorotoluene	12.780	91	34079	5.290	ug/l	99
83) tert-Butylbenzene	12.999	119	32078	4.852	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	35772	4.915	ug/l	100
85) sec-Butylbenzene	13.176	105	48977	5.072	ug/l	100
86) p-Isopropyltoluene	13.292	119	39637	4.916	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	21510	5.239	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	21663	5.341	ug/l	95
89) n-Butylbenzene	13.621	91	36537	4.815	ug/l	100
90) Hexachloroethane	13.883	117	9013	5.351	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	18984	5.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1227	4.925	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	10759	4.901	ug/l	98
94) Hexachlorobutadiene	15.029	225	7510	5.434	ug/l	95
95) Naphthalene	15.145	128	14829	4.078	ug/l	97
96) 1,2,3-Trichlorobenzene	15.334	180	8804	4.746	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021309.D
Acq On : 25 Feb 2025 12:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 26 01:42:49 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

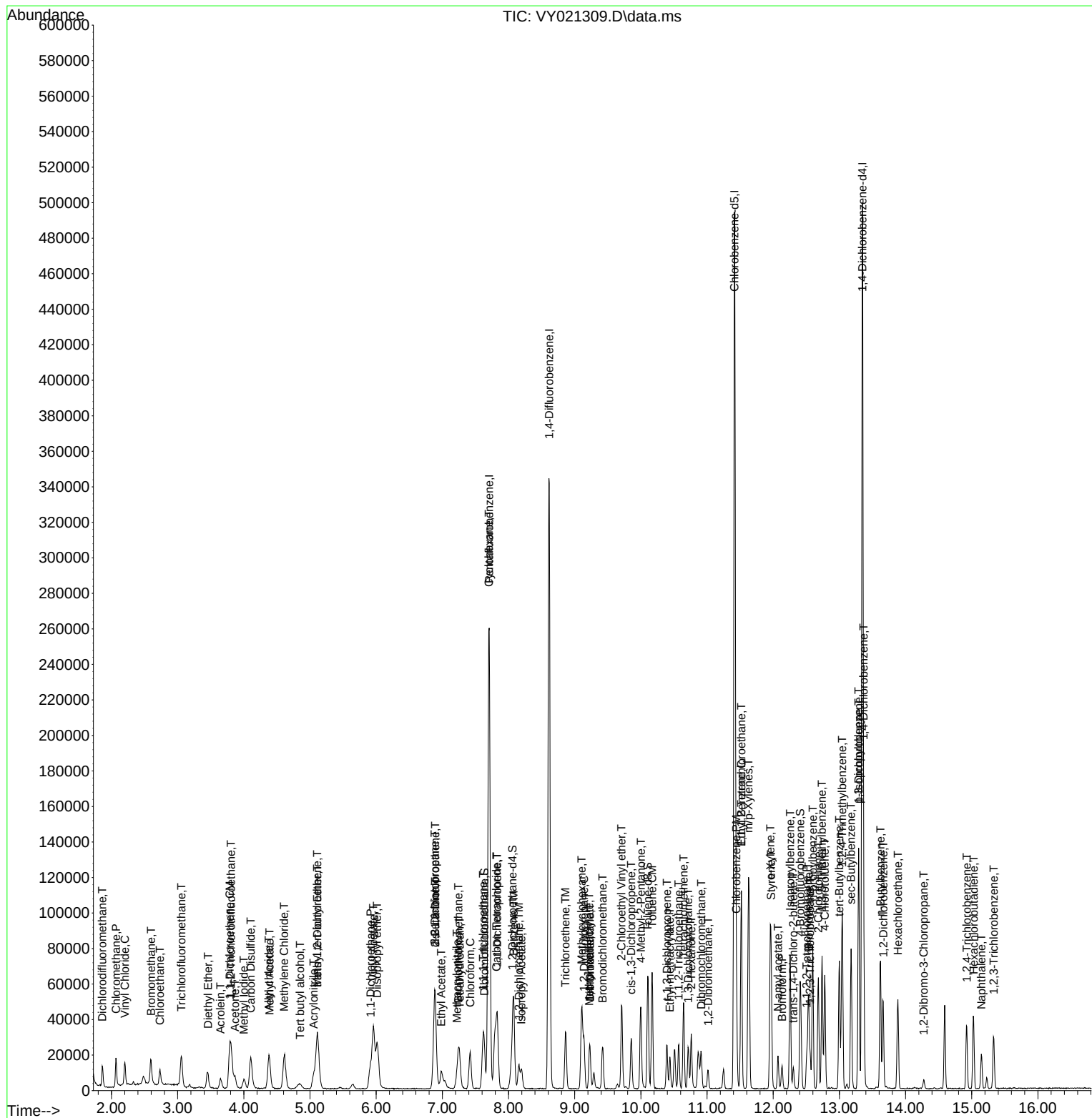
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

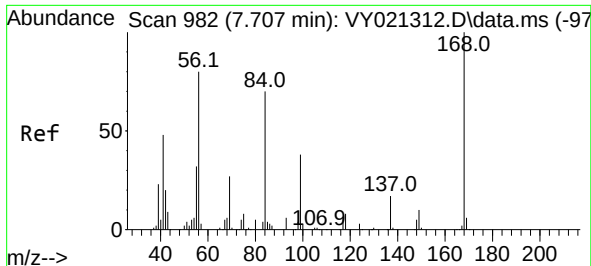
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021309.D
 Acq On : 25 Feb 2025 12:40
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 26 01:42:49 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

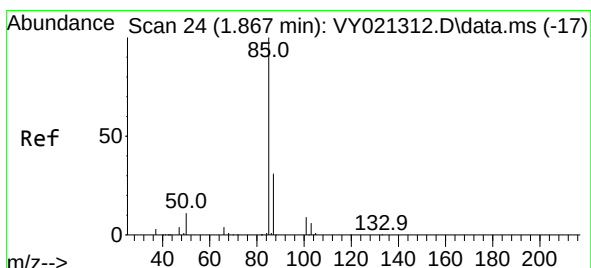
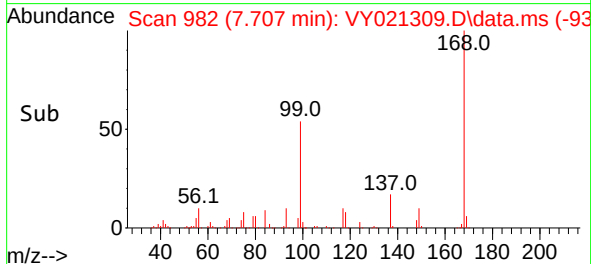
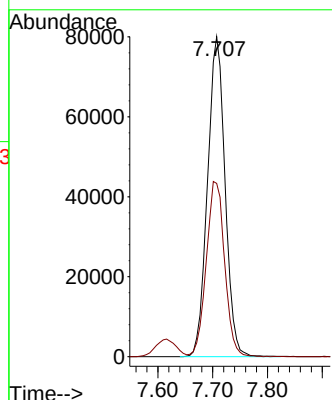
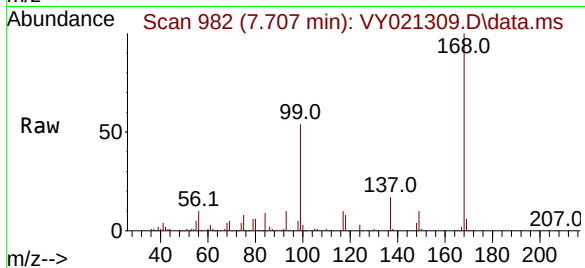




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

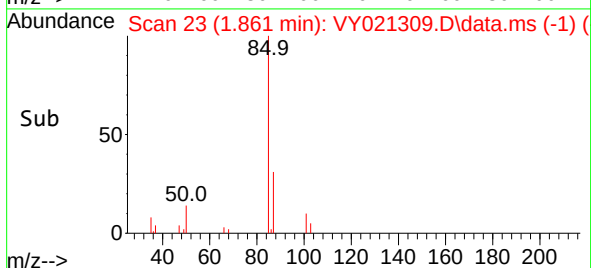
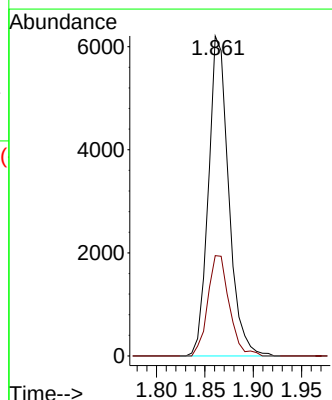
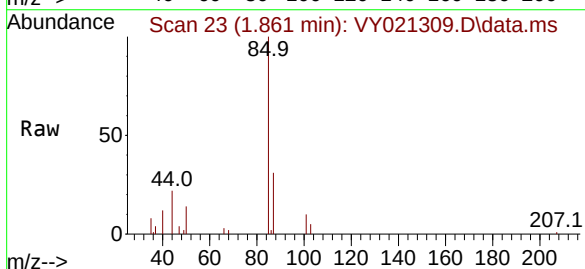
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

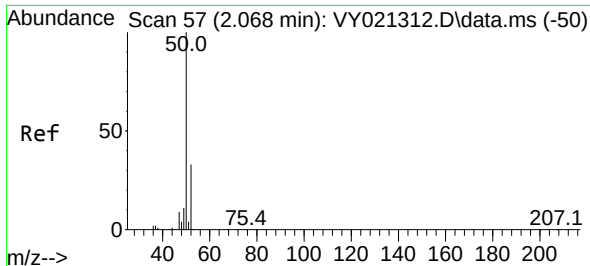
Tgt Ion:168 Resp: 177514
Ion Ratio Lower Upper
168 100
99 54.1 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 5.374 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 85 Resp: 9045
Ion Ratio Lower Upper
85 100
87 31.4 15.4 46.4

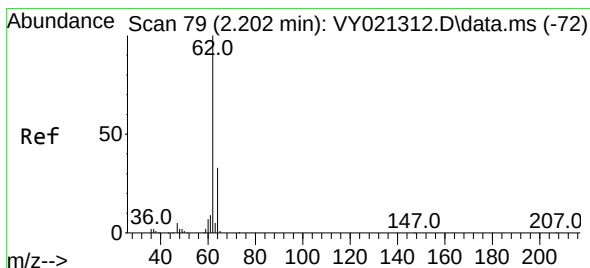
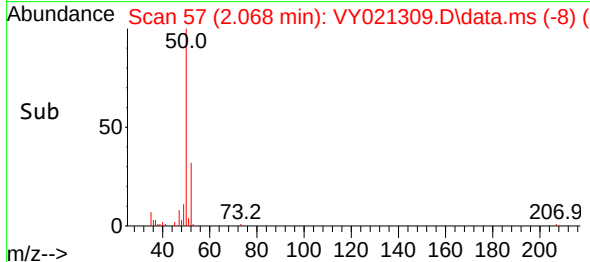
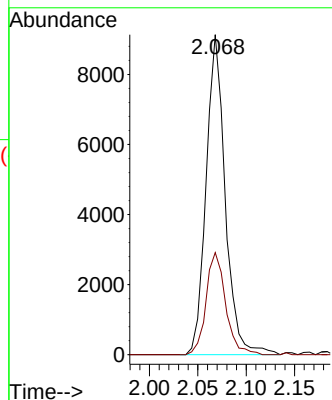
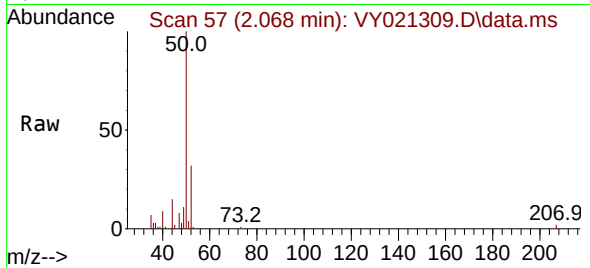




#3
Chloromethane
Concen: 5.793 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

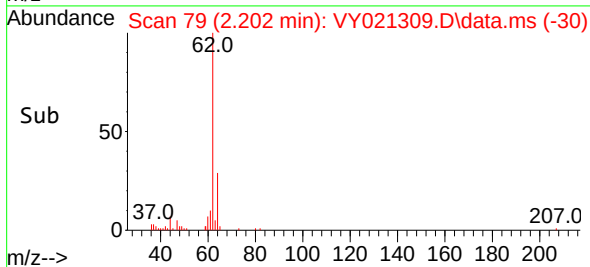
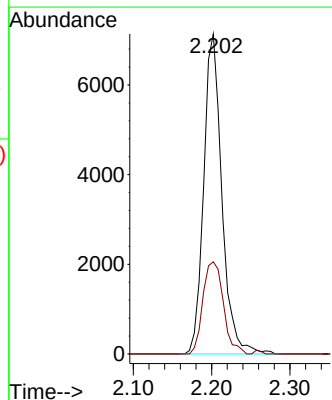
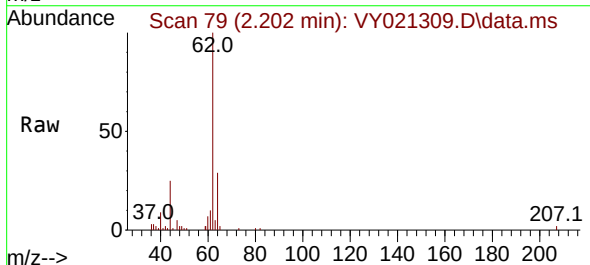
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

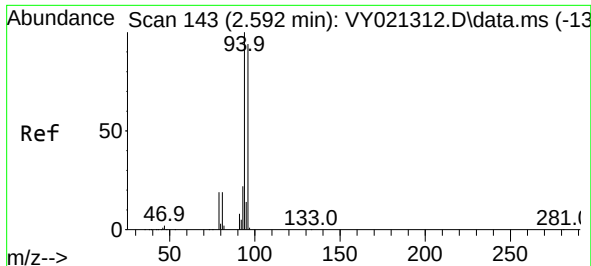
Tgt Ion: 50 Resp: 12591
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0



#4
Vinyl Chloride
Concen: 5.389 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 62 Resp: 11497
Ion Ratio Lower Upper
62 100
64 28.8 26.3 39.5

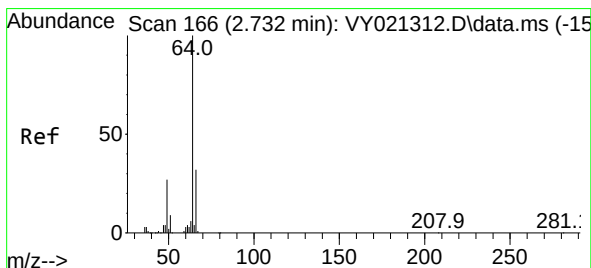
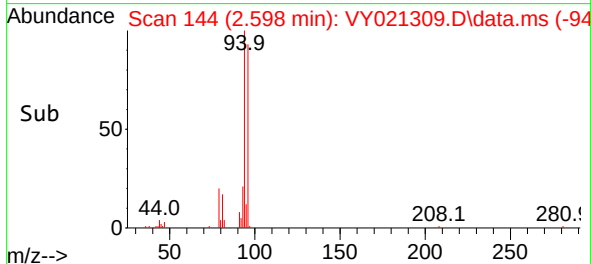
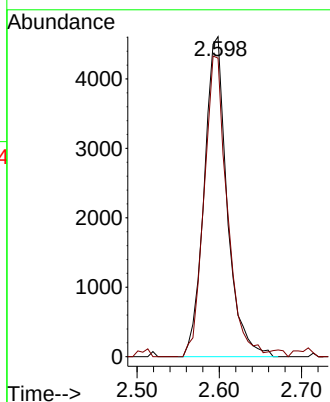
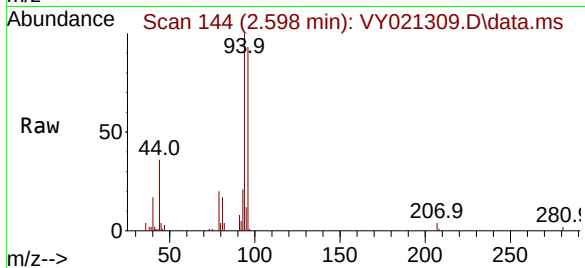




#5
Bromomethane
Concen: 6.321 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

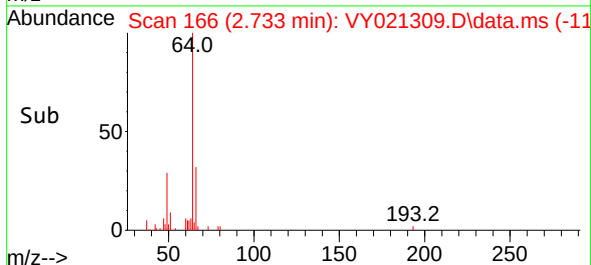
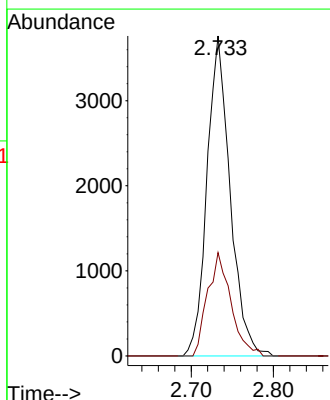
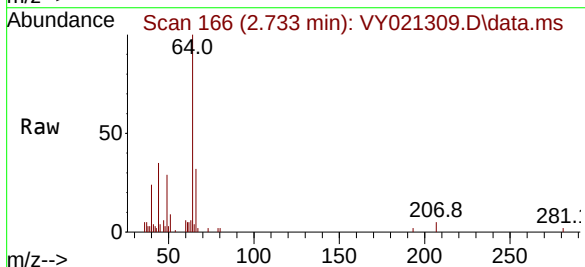
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

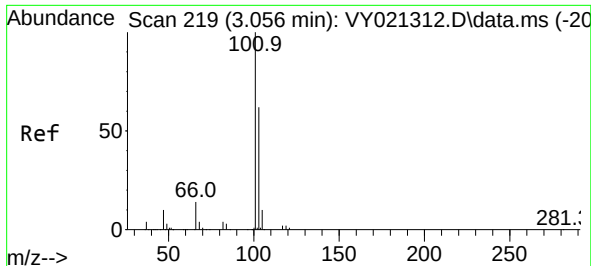
Tgt Ion: 94 Resp: 8962
Ion Ratio Lower Upper
94 100
96 93.3 75.2 112.8



#6
Chloroethane
Concen: 5.556 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 64 Resp: 7351
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

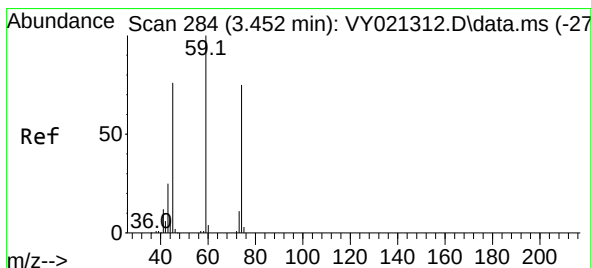
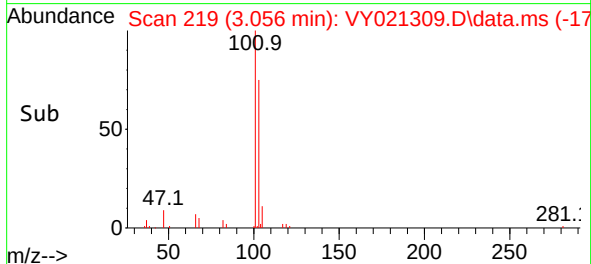
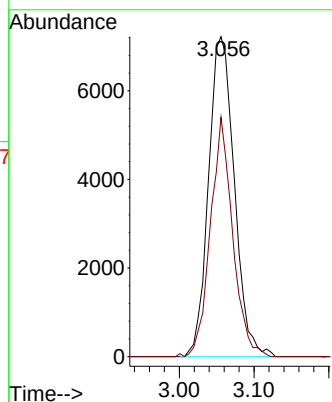
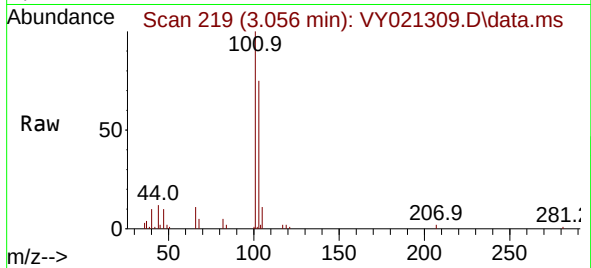




#7
 Trichlorofluoromethane
 Concen: 5.375 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

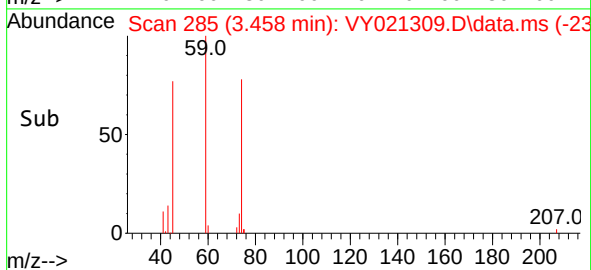
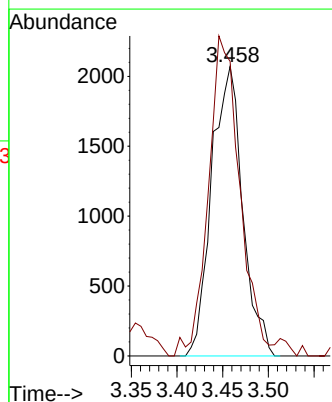
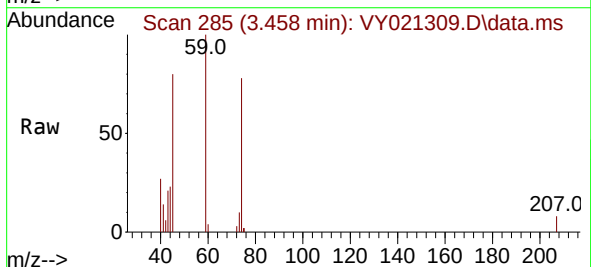
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

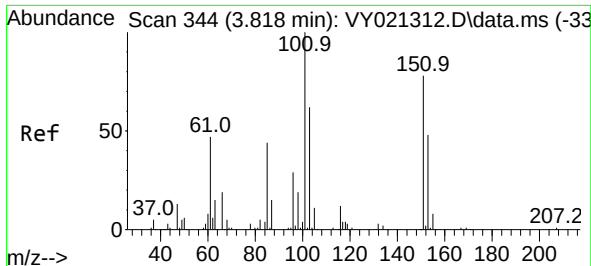
Tgt Ion:101 Resp: 17319
 Ion Ratio Lower Upper
 101 100
 103 74.8 49.7 74.5#



#8
 Diethyl Ether
 Concen: 5.064 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

Tgt Ion: 74 Resp: 4897
 Ion Ratio Lower Upper
 74 100
 45 111.5 50.3 150.9

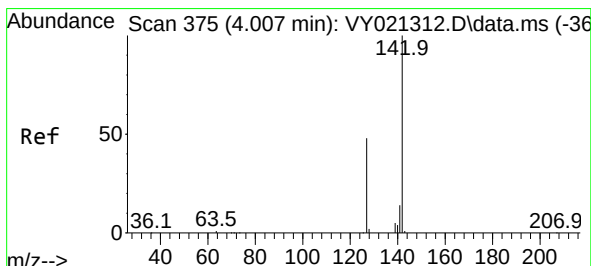
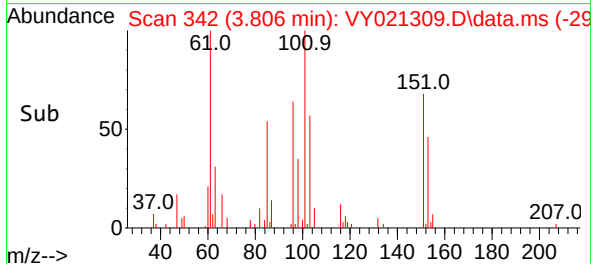
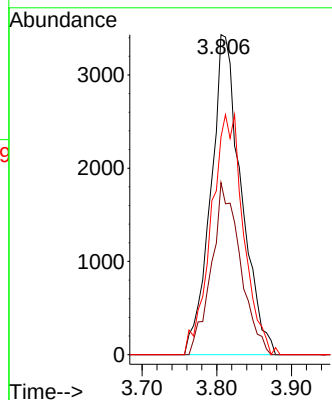
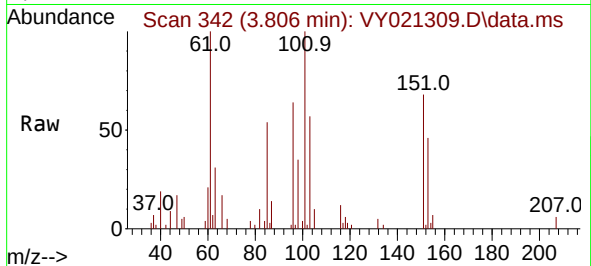




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.193 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

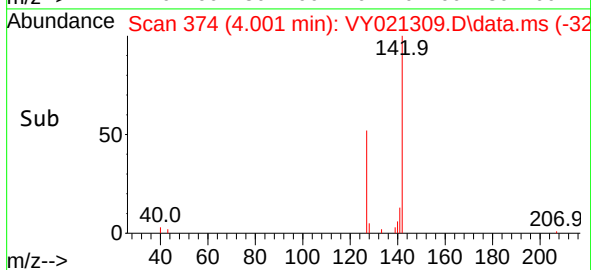
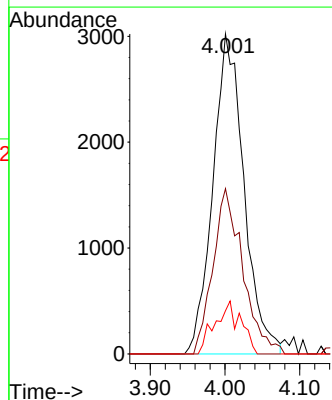
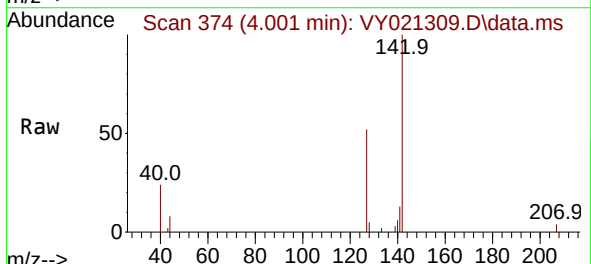
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

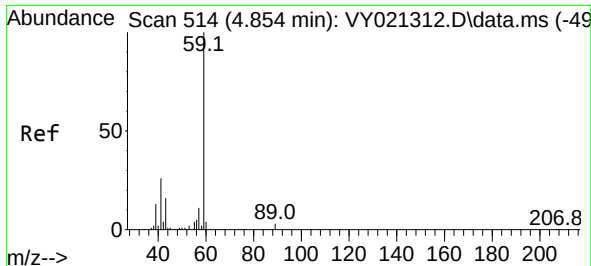
Tgt Ion:101 Resp: 9686
Ion Ratio Lower Upper
101 100
85 50.9 36.7 55.1
151 80.2 62.6 94.0



#10
Methyl Iodide
Concen: 4.447 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:142 Resp: 8728
Ion Ratio Lower Upper
142 100
127 49.6 39.2 58.8
141 13.8 11.4 17.2

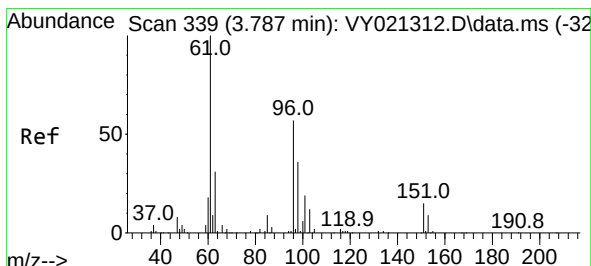
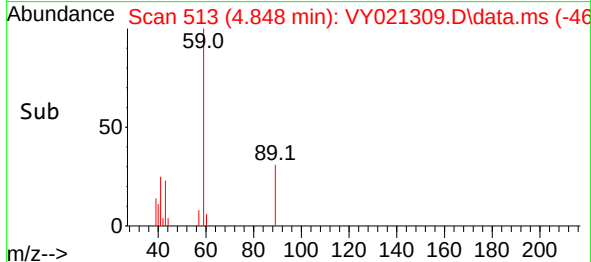
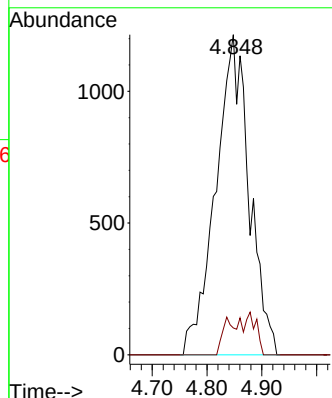
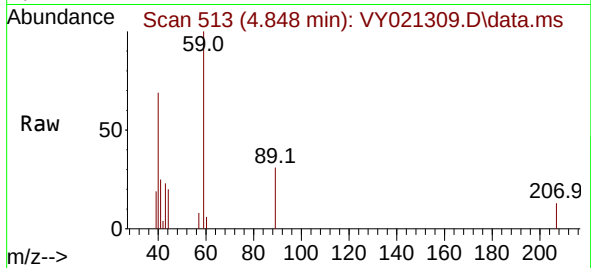




#11
Tert butyl alcohol
Concen: 33.345 ug/l
RT: 4.848 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

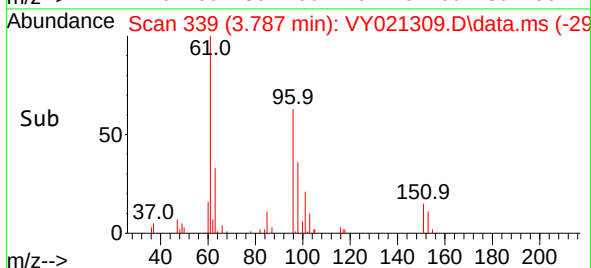
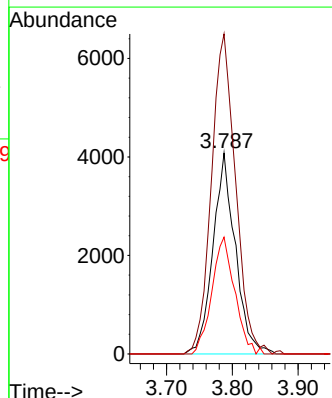
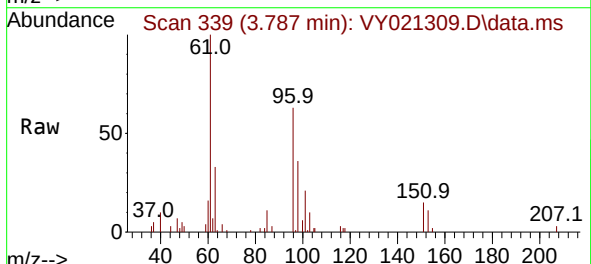
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

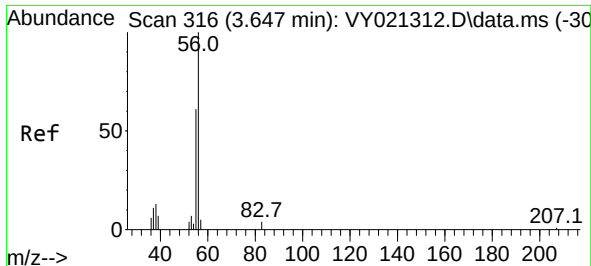
Tgt Ion: 59 Resp: 5165
Ion Ratio Lower Upper
59 100
57 4.3 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 5.415 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 96 Resp: 9671
Ion Ratio Lower Upper
96 100
61 159.2 139.7 209.5
98 58.1 49.7 74.5

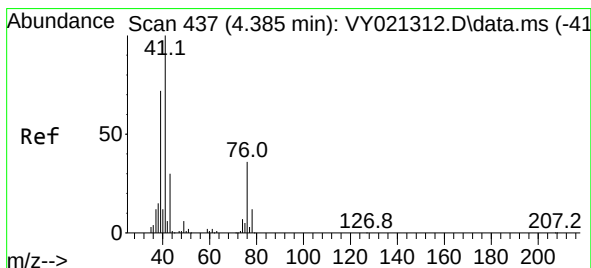
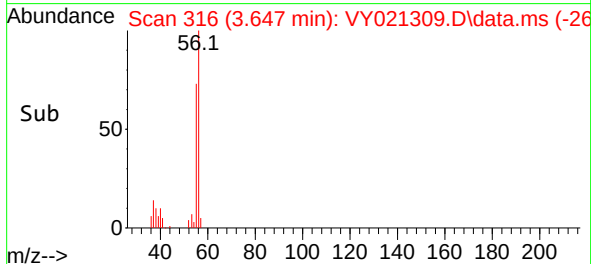
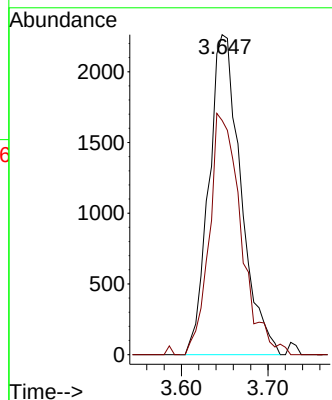
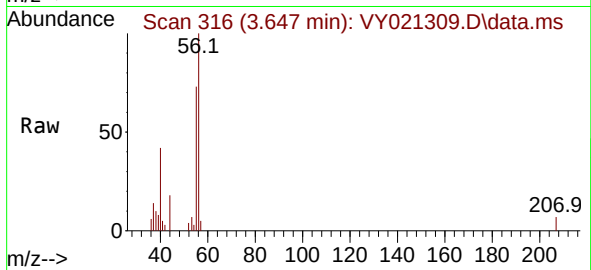




#13
Acrolein
Concen: 48.848 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

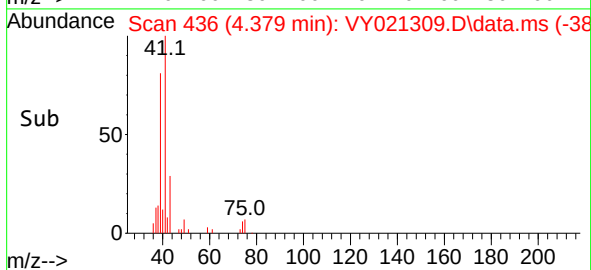
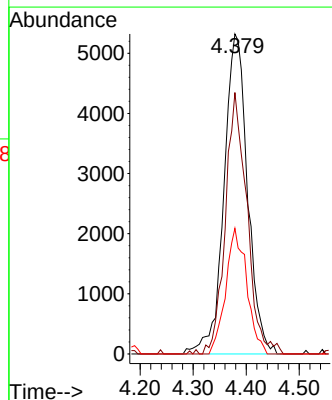
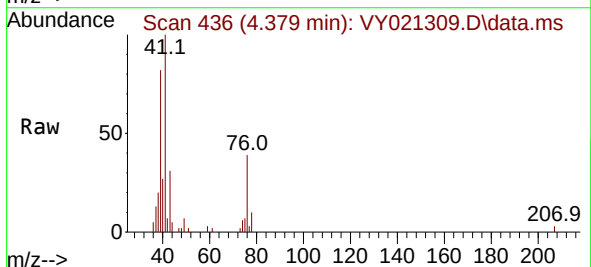
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

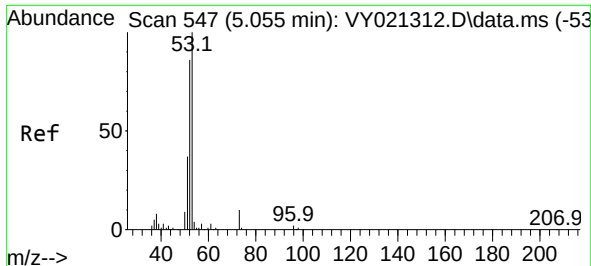
Tgt Ion: 56 Resp: 5798
Ion Ratio Lower Upper
56 100
55 74.8 59.0 88.6



#14
Allyl chloride
Concen: 5.210 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 41 Resp: 16498
Ion Ratio Lower Upper
41 100
39 74.4 60.0 90.0
76 34.9 29.0 43.6

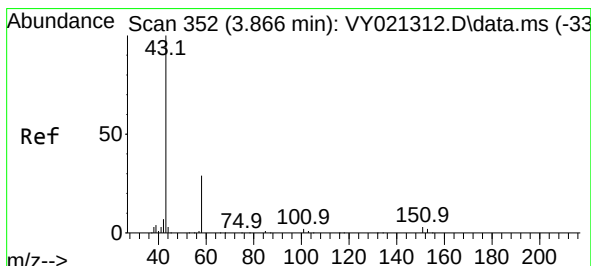
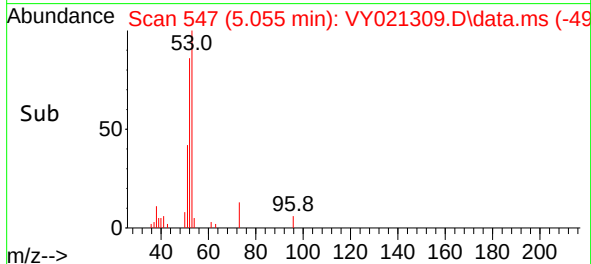
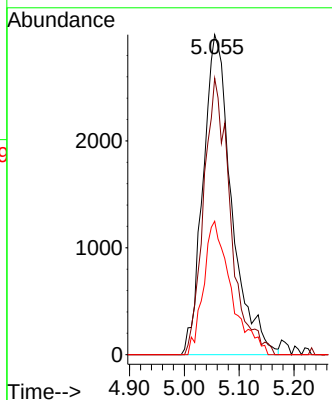
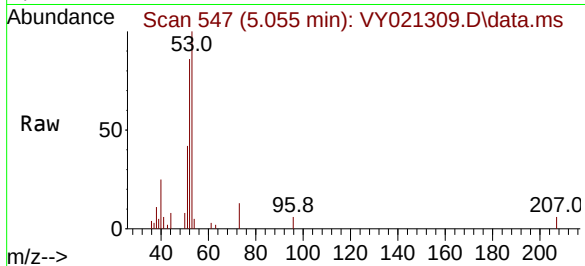




#15
Acrylonitrile
Concen: 25.330 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

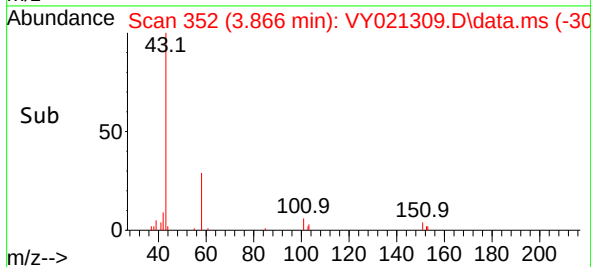
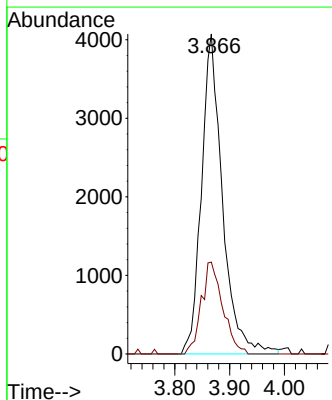
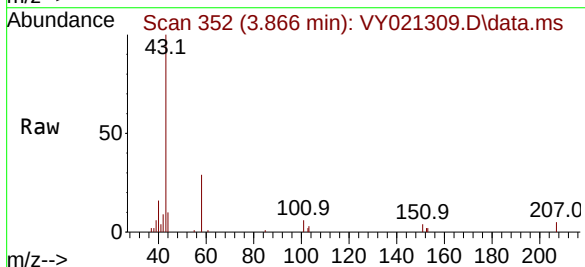
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

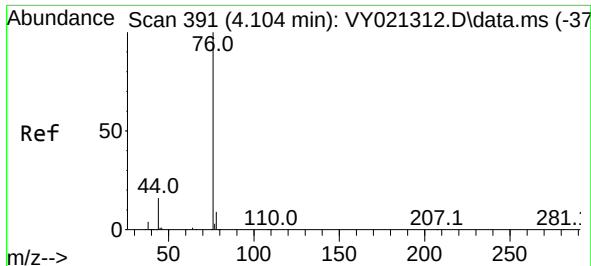
Tgt Ion: 53 Resp: 10830
Ion Ratio Lower Upper
53 100
52 81.0 65.5 98.3
51 40.3 30.6 46.0



#16
Acetone
Concen: 28.018 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 10823
Ion Ratio Lower Upper
43 100
58 28.7 23.5 35.3

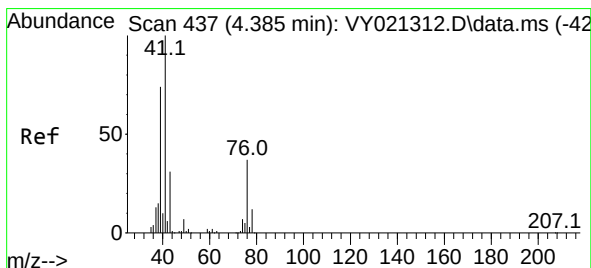
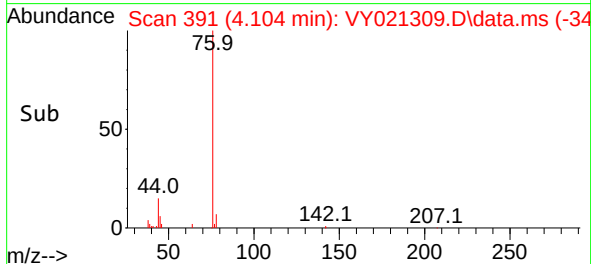
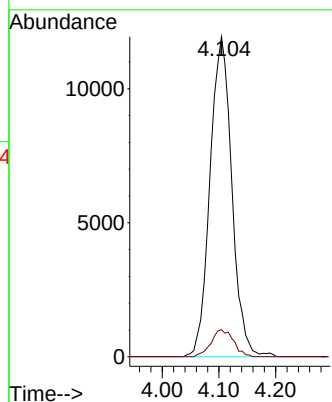
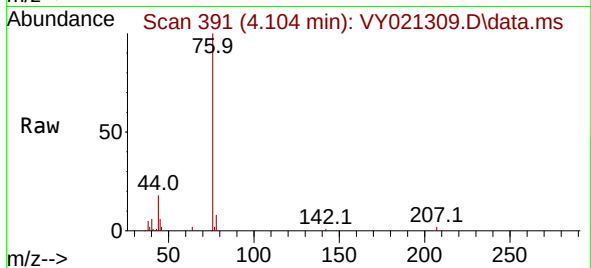




#17
Carbon Disulfide
Concen: 5.387 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

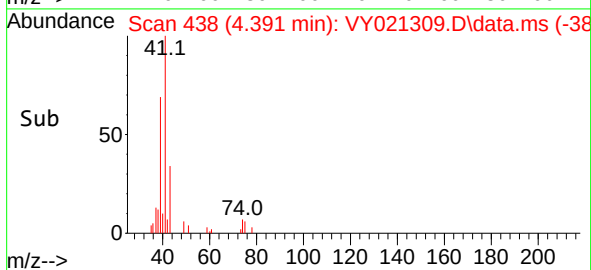
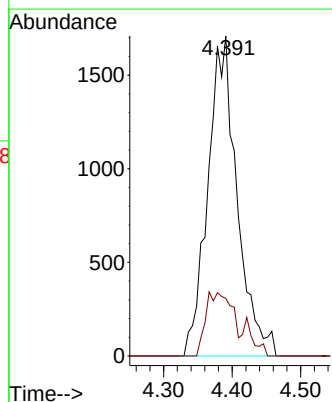
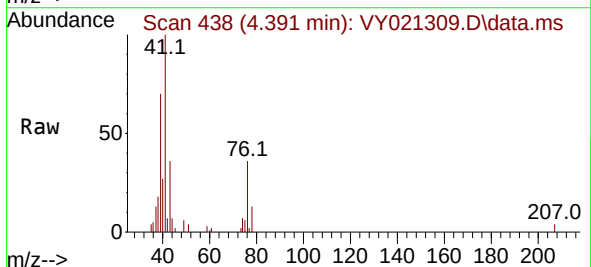
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

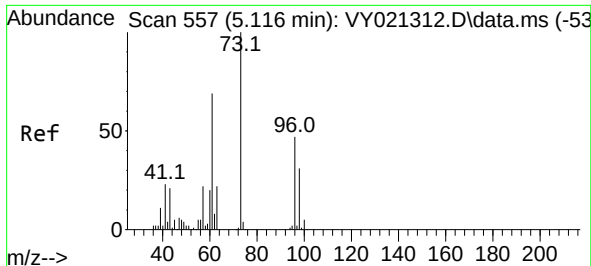
Tgt Ion: 76 Resp: 31953
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7



#18
Methyl Acetate
Concen: 5.362 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#





#19

Methyl tert-butyl Ether

Concen: 4.935 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

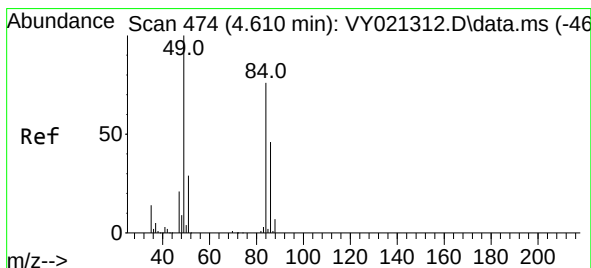
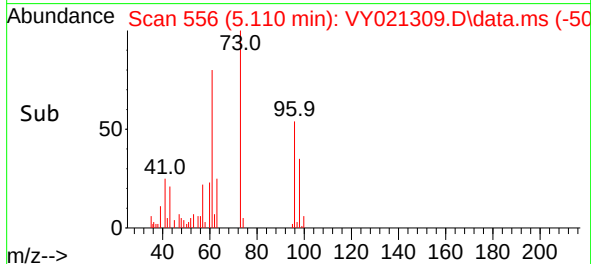
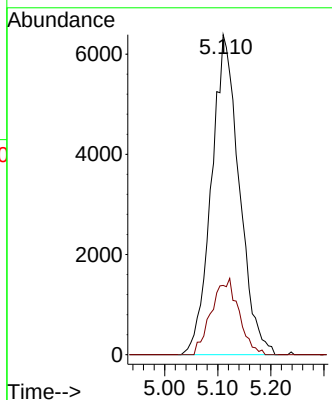
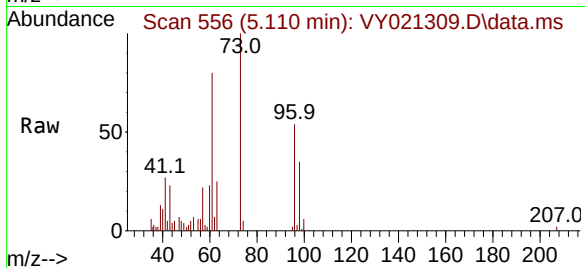
VSTDIC005

Tgt Ion: 73 Resp: 23290

Ion Ratio Lower Upper

73 100

57 21.6 17.4 26.0



#20

Methylene Chloride

Concen: 6.225 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion: 84 Resp: 13003

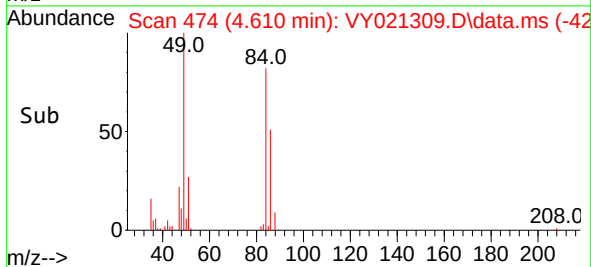
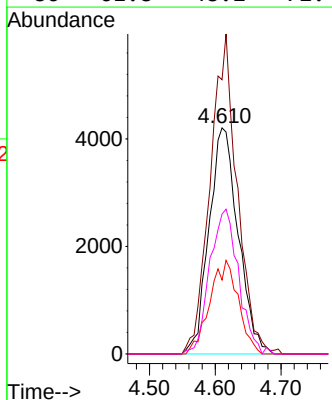
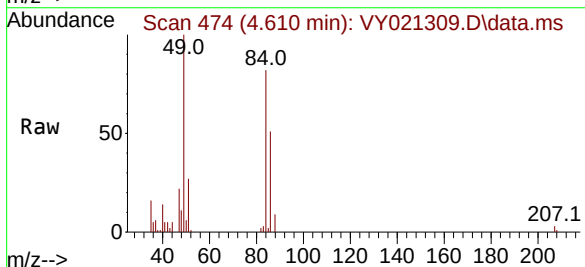
Ion Ratio Lower Upper

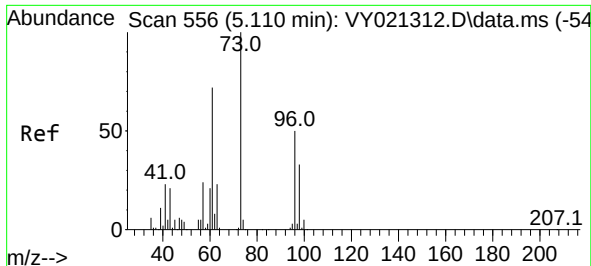
84 100

49 121.3 105.1 157.7

51 32.7 31.0 46.4

86 61.8 48.2 72.4

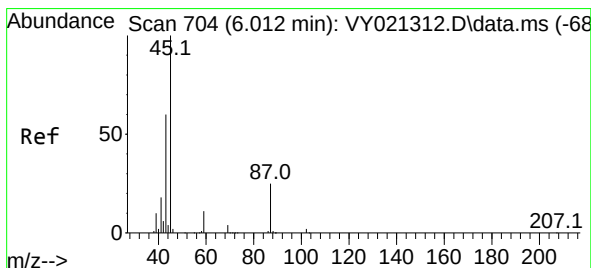
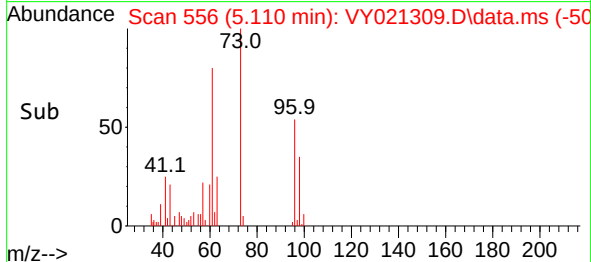
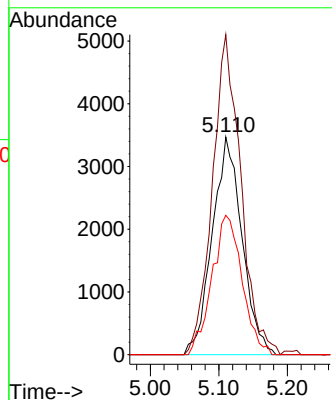
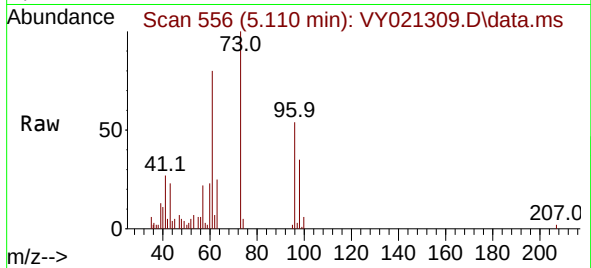




#21
trans-1,2-Dichloroethene
Concen: 5.317 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

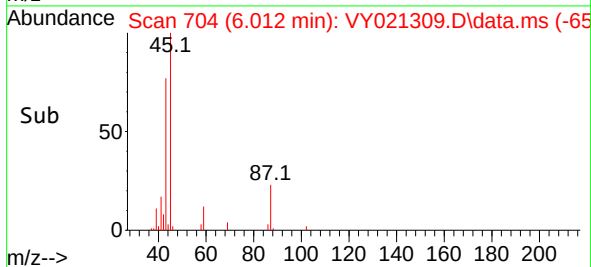
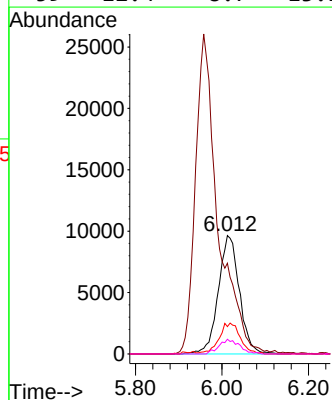
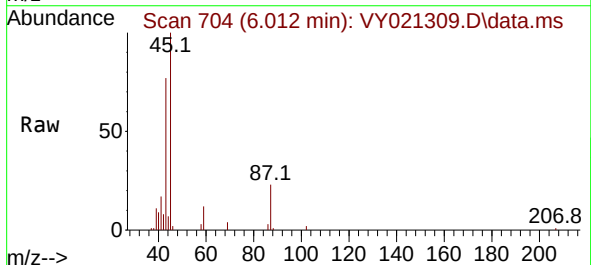
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

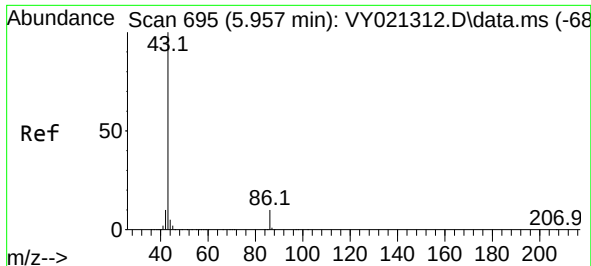
Tgt Ion: 96 Resp: 10455
Ion Ratio Lower Upper
96 100
61 147.0 116.3 174.5
98 64.0 52.6 78.8



#22
Diisopropyl ether
Concen: 4.981 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 45 Resp: 32640
Ion Ratio Lower Upper
45 100
43 75.5 48.2 72.4#
87 23.1 20.3 30.5
59 12.4 8.7 13.1

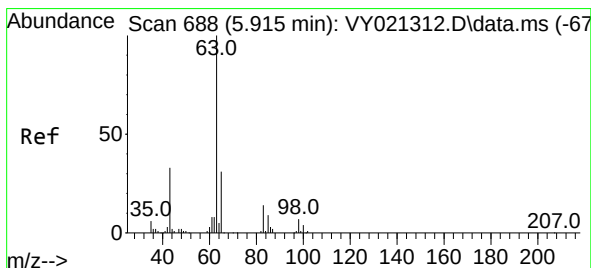
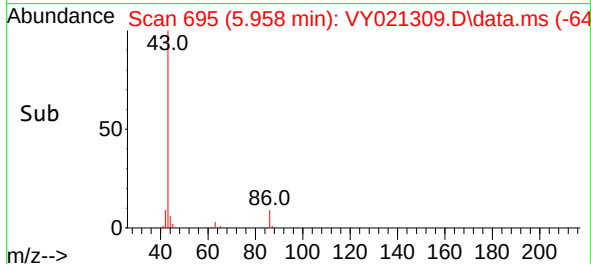
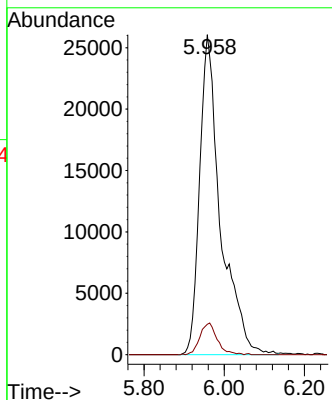
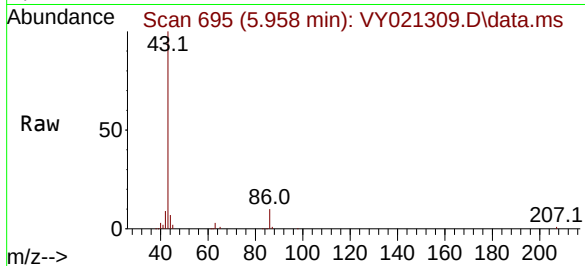




#23
 Vinyl Acetate
 Concen: 24.067 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

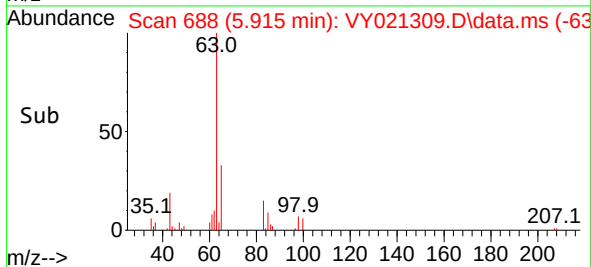
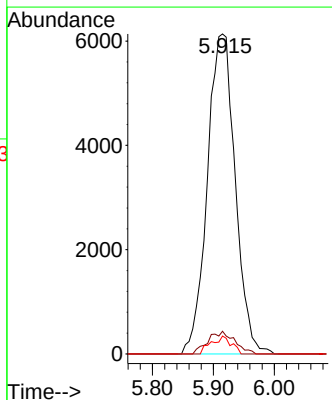
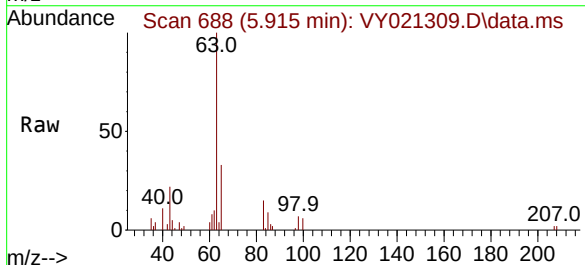
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

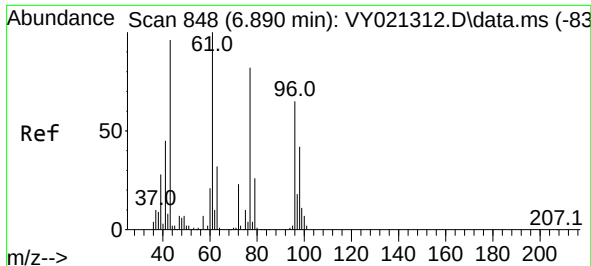
Tgt Ion: 43 Resp: 94244
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 5.290 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

Tgt Ion: 63 Resp: 19538
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 5.6 2.1 6.5





#25

2-Butanone

Concen: 24.599 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

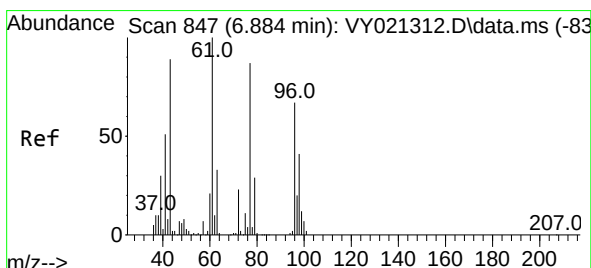
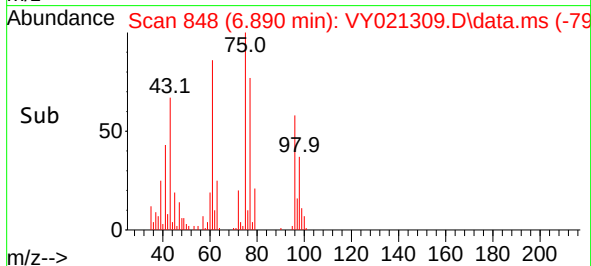
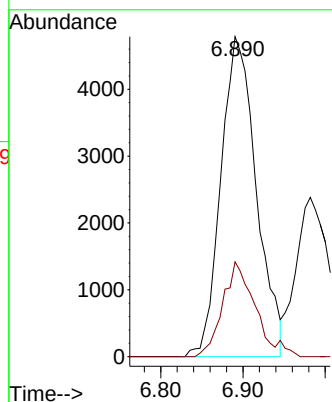
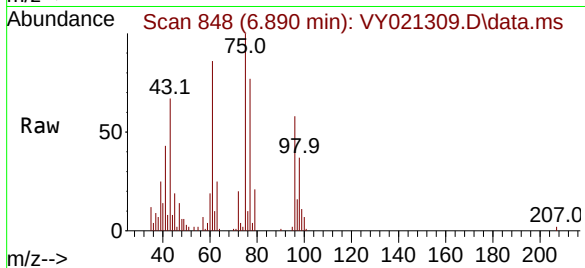
VSTDICC005

Tgt Ion: 43 Resp: 14341

Ion Ratio Lower Upper

43 100

72 29.6 19.0 28.6#



#26

2,2-Dichloropropane

Concen: 5.488 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021309.D

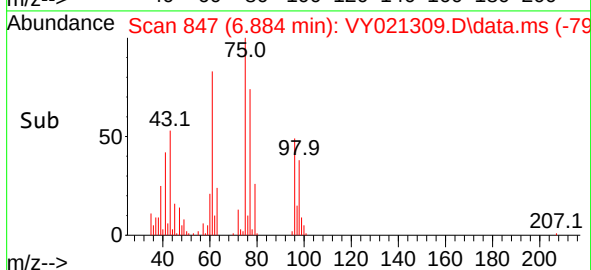
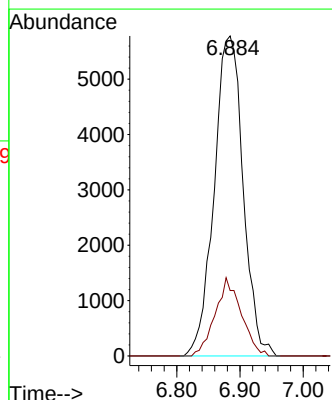
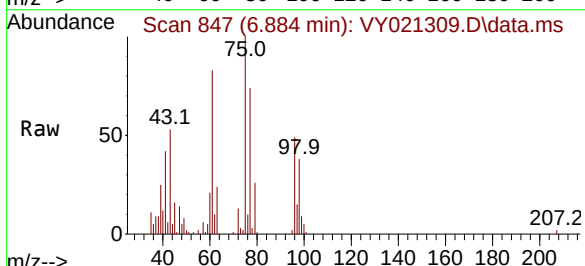
Acq: 25 Feb 2025 12:40

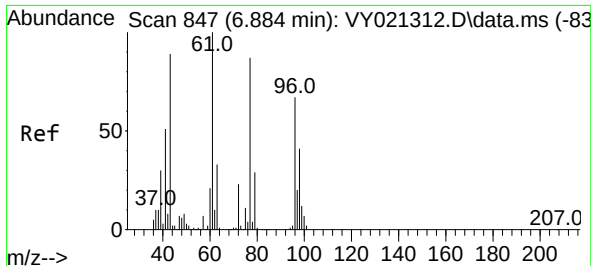
Tgt Ion: 77 Resp: 18391

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 5.132 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

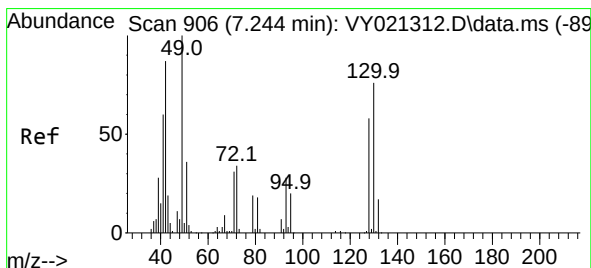
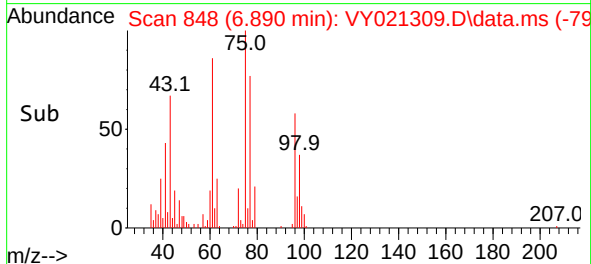
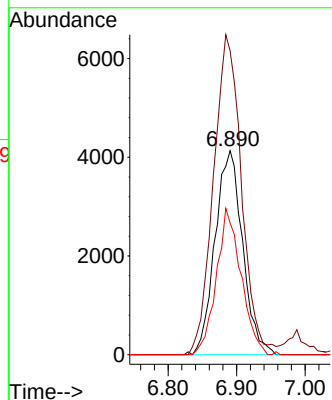
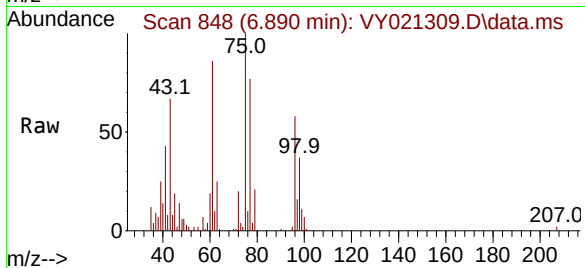
Tgt Ion: 96 Resp: 11522

Ion Ratio Lower Upper

96 100

61 159.3 0.0 308.0

98 64.2 0.0 129.6



#28

Bromochloromethane

Concen: 5.702 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

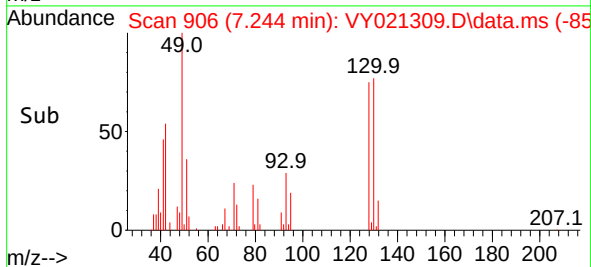
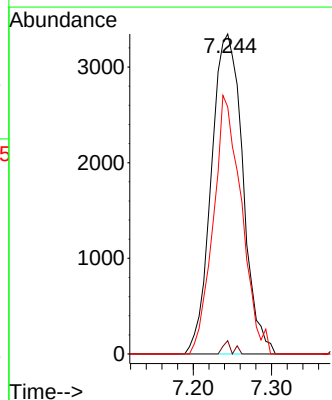
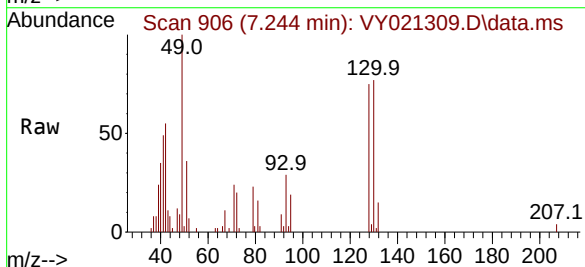
Tgt Ion: 49 Resp: 9318

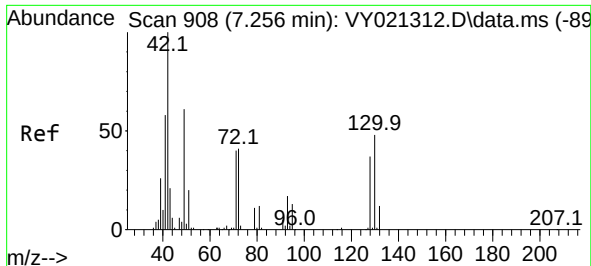
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

130 72.6 57.8 86.6





#29

Tetrahydrofuran

Concen: 24.455 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021309.D

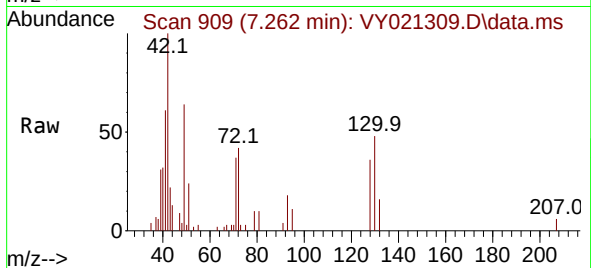
Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

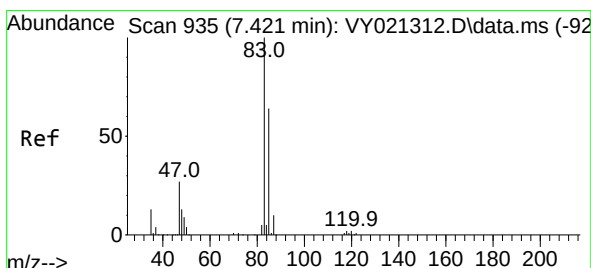
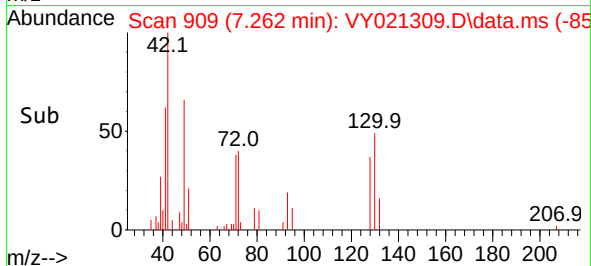
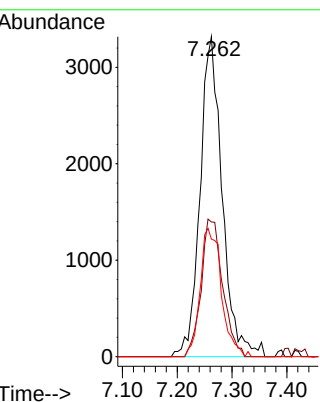
ClientSampleId :

VSTDIC005



Tgt Ion: 42 Resp: 9319

Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.1	49.7
71	38.3	31.4	47.0



#30

Chloroform

Concen: 5.351 ug/l

RT: 7.421 min Scan# 935

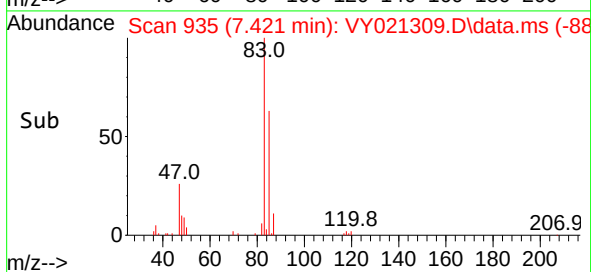
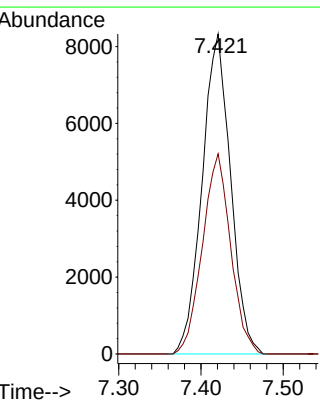
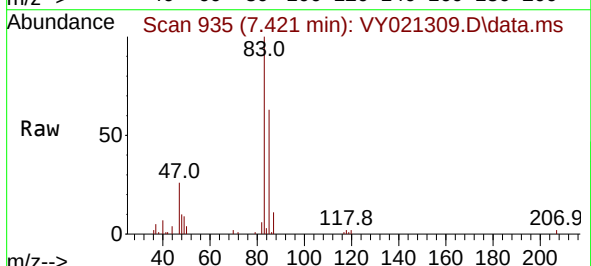
Delta R.T. 0.000 min

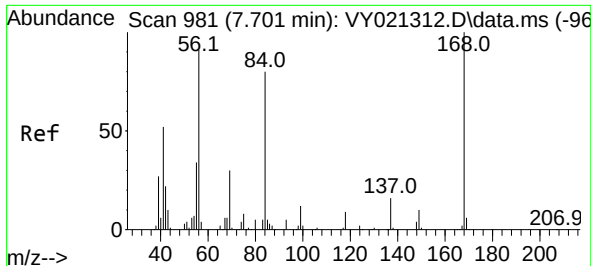
Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion: 83 Resp: 20025

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.6	77.4

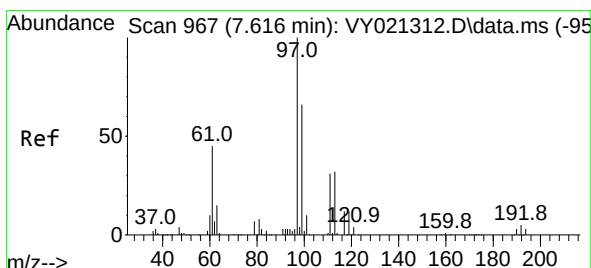
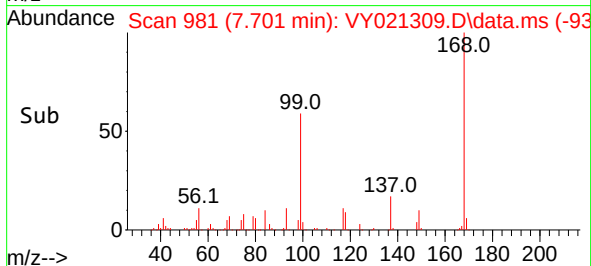
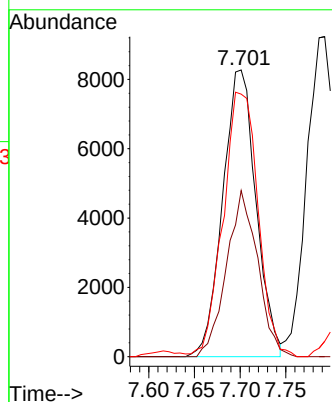
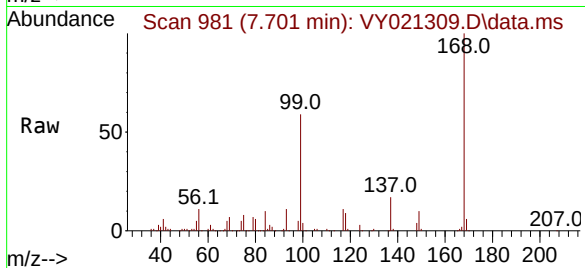




#31
Cyclohexane
Concen: 5.912 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

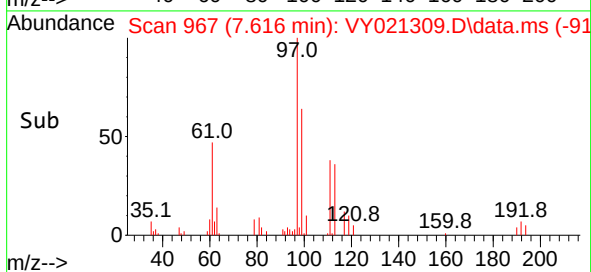
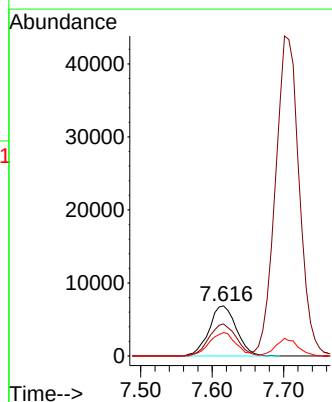
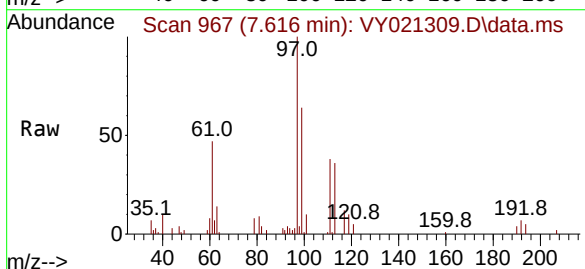
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

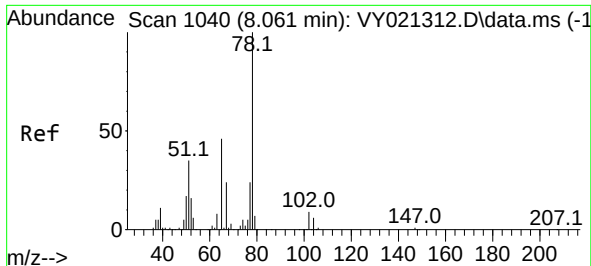
Tgt Ion: 56 Resp: 20990
Ion Ratio Lower Upper
56 100
69 57.9 26.2 39.4#
84 90.3 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 5.315 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 97 Resp: 18106
Ion Ratio Lower Upper
97 100
99 63.5 52.4 78.6
61 45.7 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 6.003 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

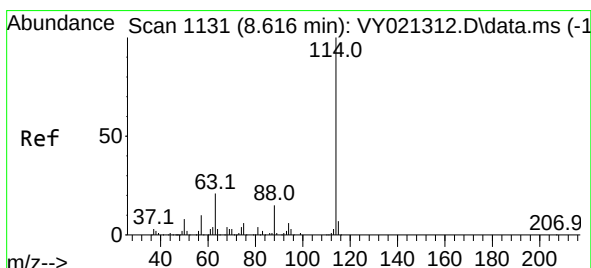
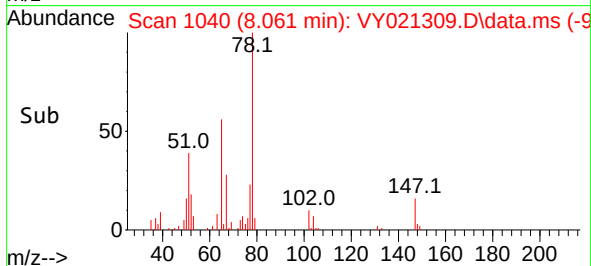
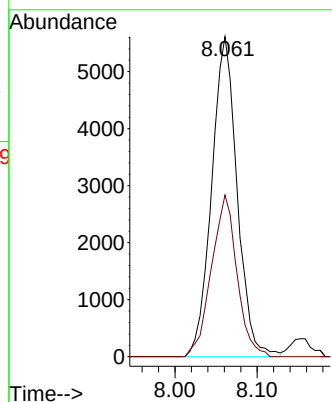
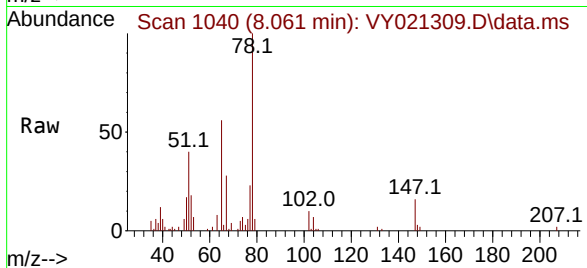
VSTDIC005

Tgt Ion: 65 Resp: 12088

Ion Ratio Lower Upper

65 100

67 50.6 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: VY021309.D

Acq: 25 Feb 2025 12:40

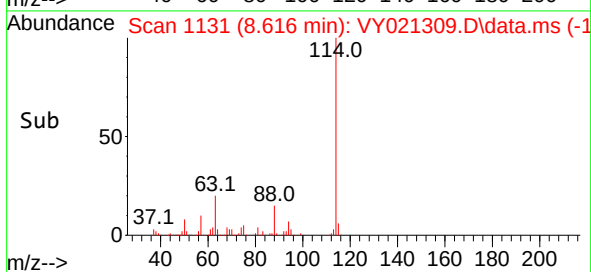
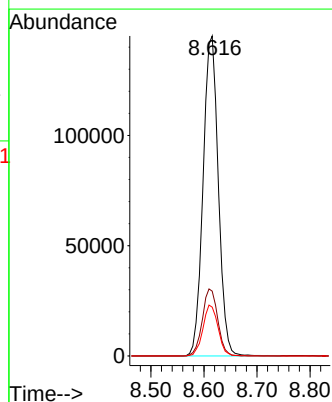
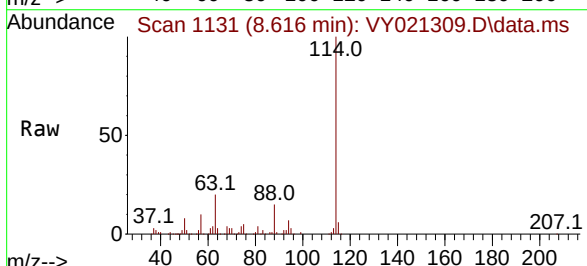
Tgt Ion: 114 Resp: 289913

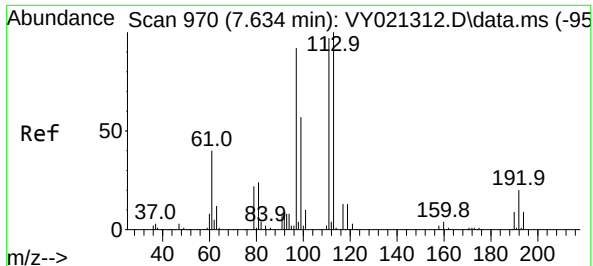
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

88 15.2 0.0 29.8

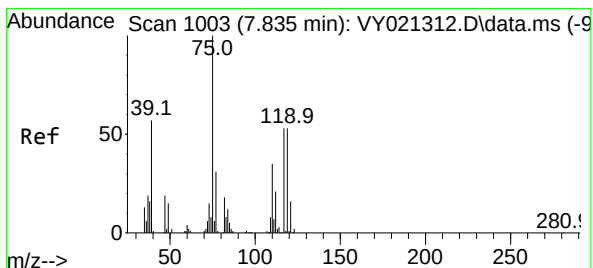
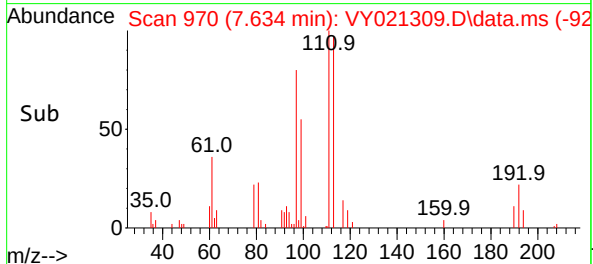
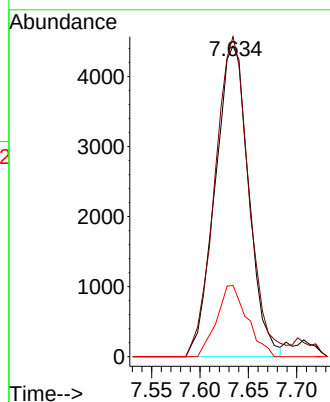
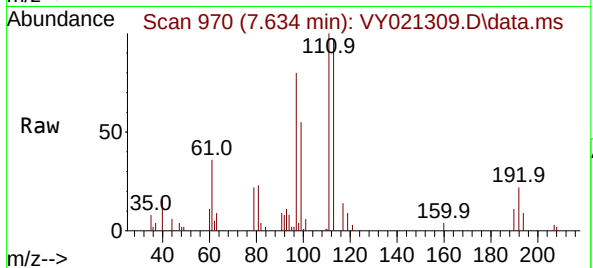




#35
Dibromofluoromethane
Concen: 5.637 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

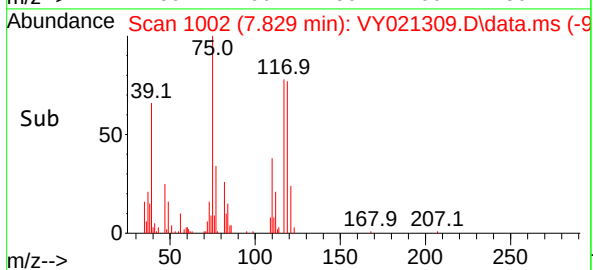
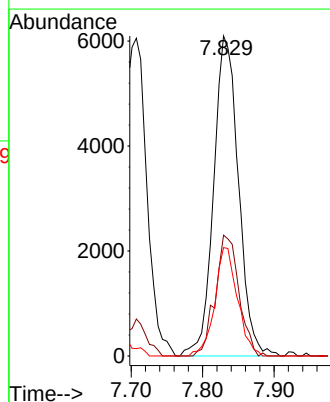
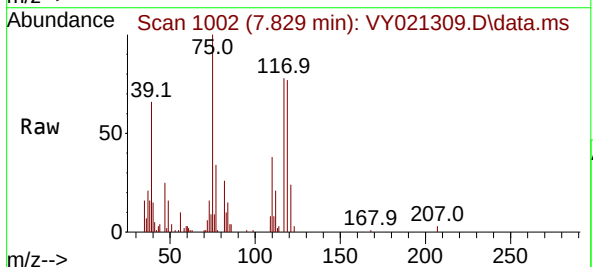
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

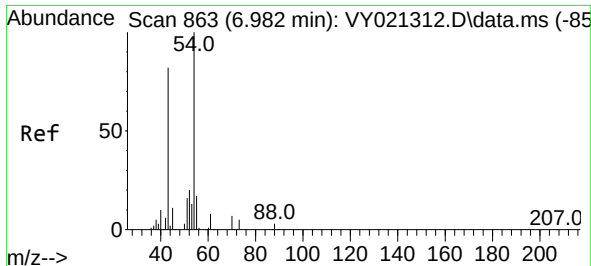
Tgt Ion:113 Resp: 10715
Ion Ratio Lower Upper
113 100
111 103.6 81.0 121.6
192 20.8 15.8 23.8



#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 14719
Ion Ratio Lower Upper
75 100
110 35.9 16.9 50.7
77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 5.119 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

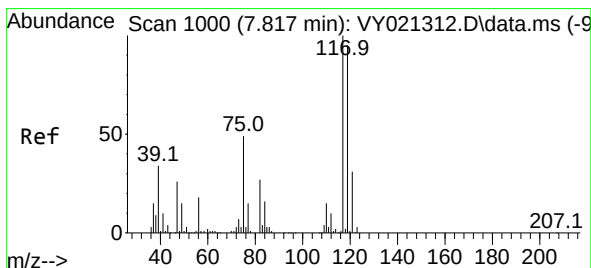
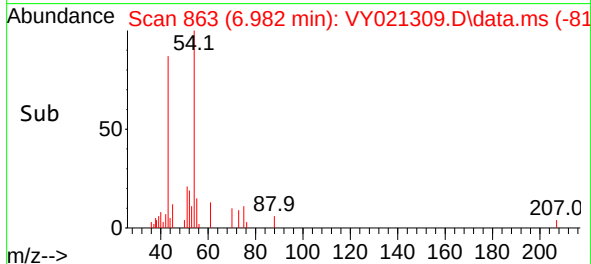
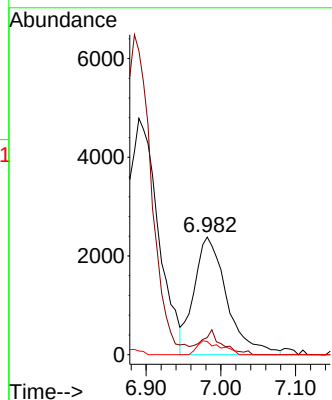
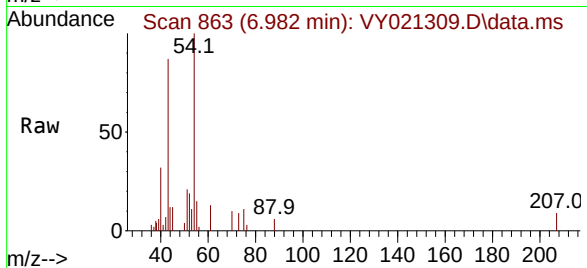
Tgt Ion: 43 Resp: 7270

Ion Ratio Lower Upper

43 100

61 13.4 10.4 15.6

70 8.5 7.5 11.3



#38

Carbon Tetrachloride

Concen: 5.124 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

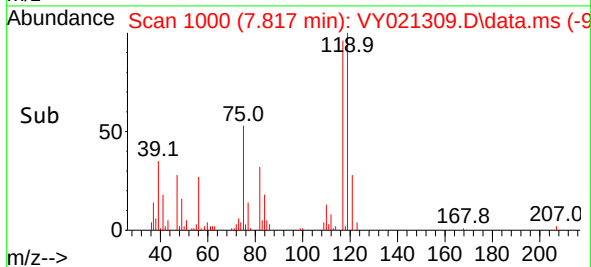
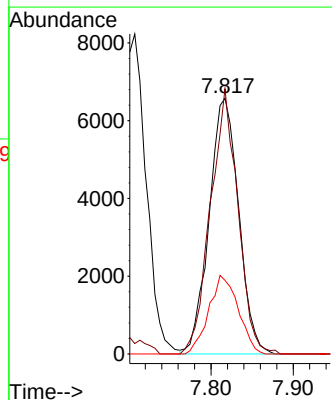
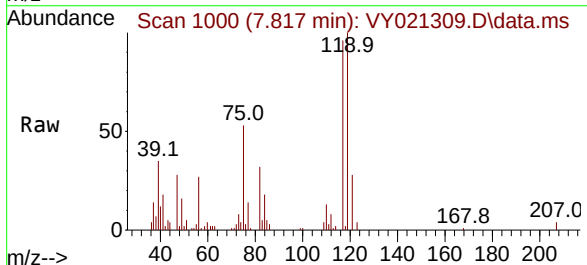
Tgt Ion: 117 Resp: 16445

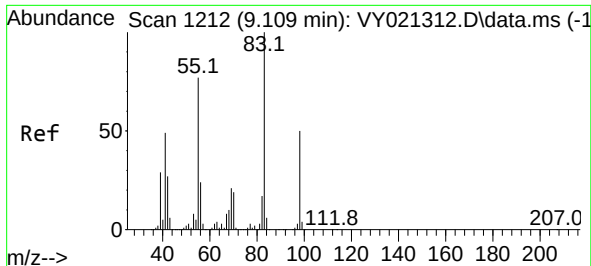
Ion Ratio Lower Upper

117 100

119 103.8 76.0 114.0

121 28.8 24.9 37.3

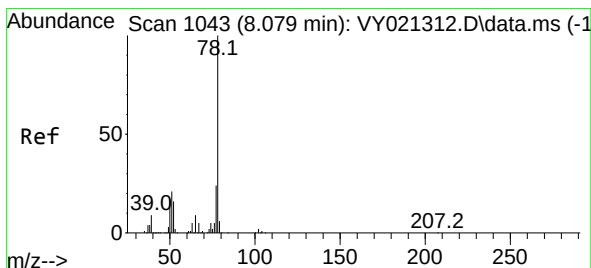
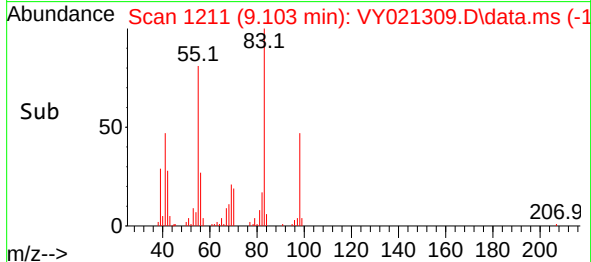
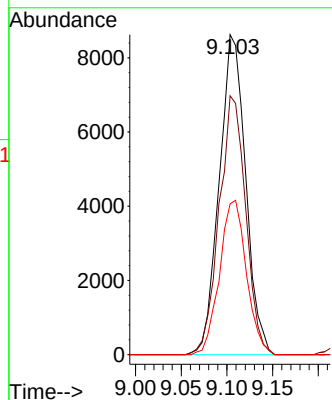
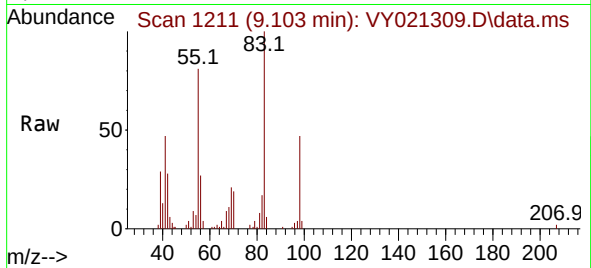




#39
Methylcyclohexane
Concen: 4.795 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

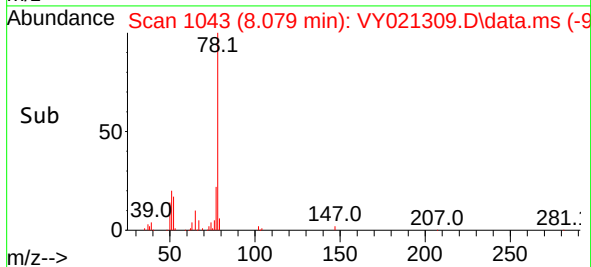
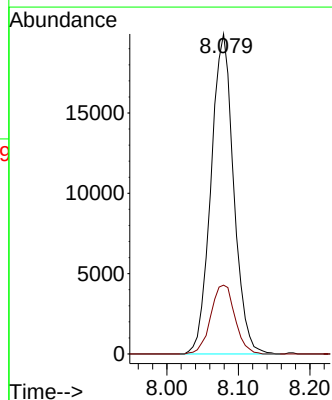
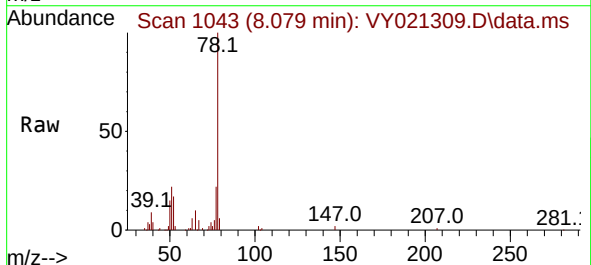
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

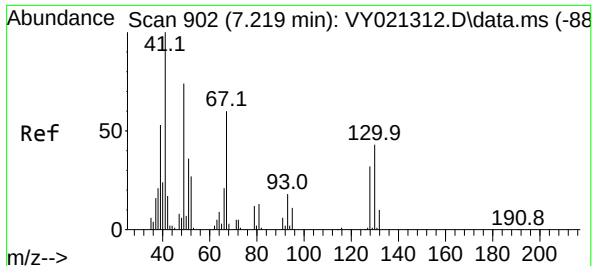
Tgt Ion: 83 Resp: 17316
Ion Ratio Lower Upper
83 100
55 80.9 61.3 91.9
98 47.2 39.9 59.9



#40
Benzene
Concen: 5.203 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 78 Resp: 43912
Ion Ratio Lower Upper
78 100
77 21.5 19.2 28.8

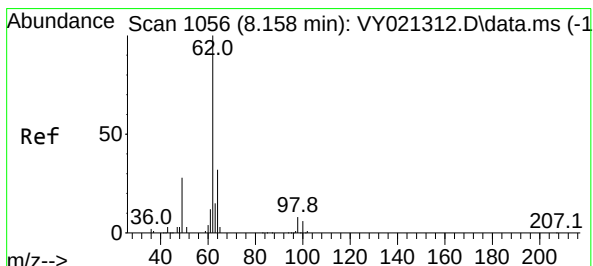
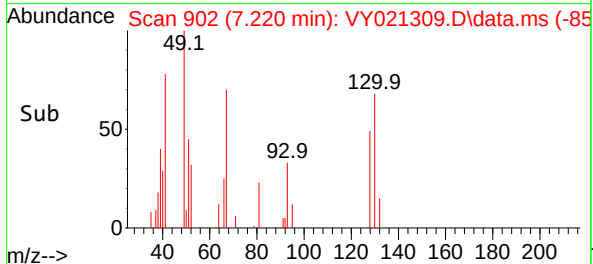
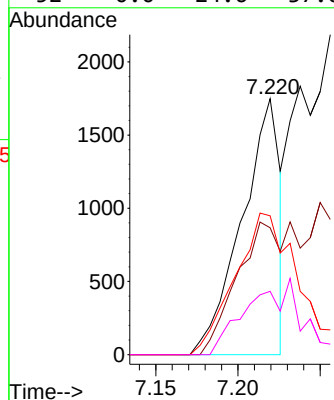
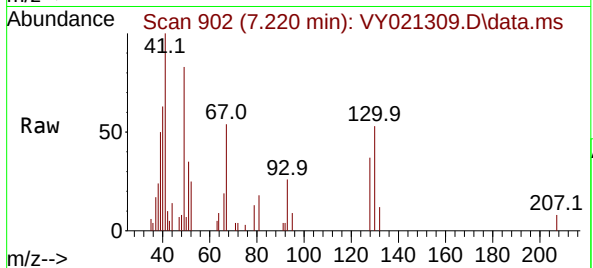




#41
Methacrylonitrile
Concen: 3.574 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

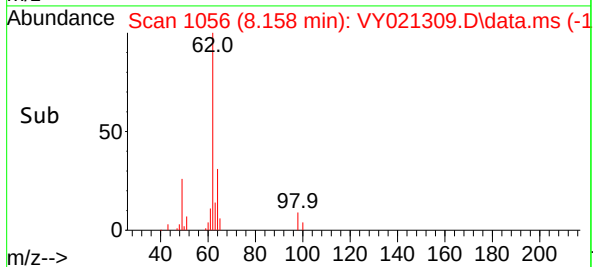
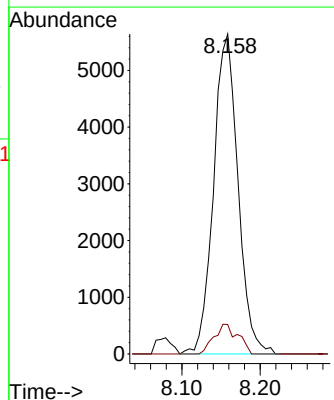
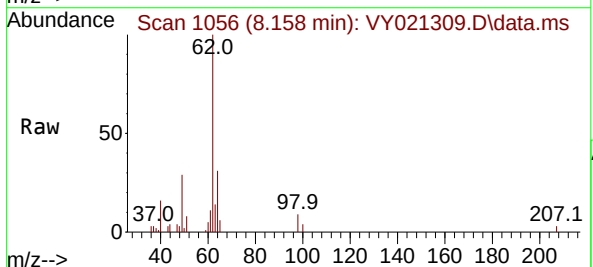
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

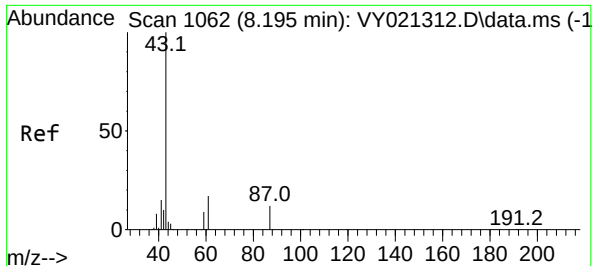
Tgt Ion:	41	Resp:	2838
Ion	Ratio	Lower	Upper
41	100		
39	58.3	42.3	63.5
67	89.5	54.8	82.2#
52	0.0	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 5.110 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:	62	Resp:	12236
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6

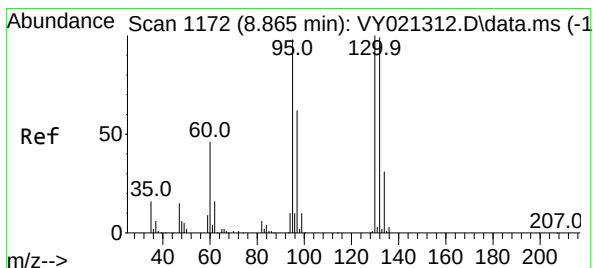
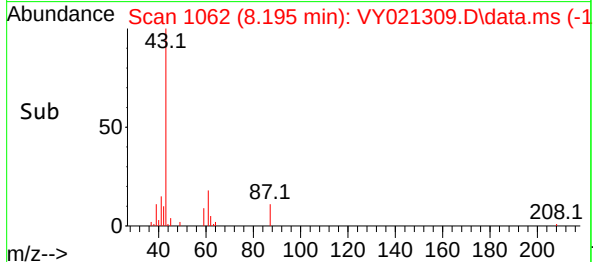
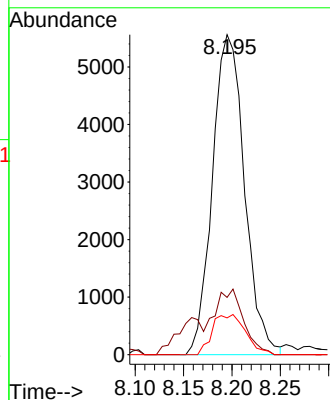
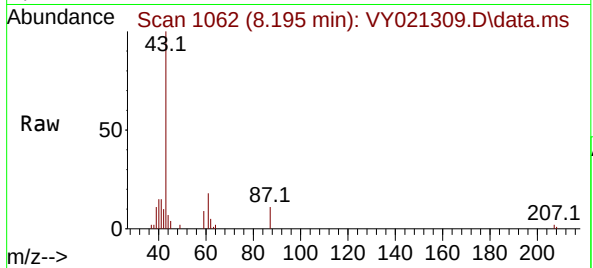




#43
Isopropyl Acetate
Concen: 4.668 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

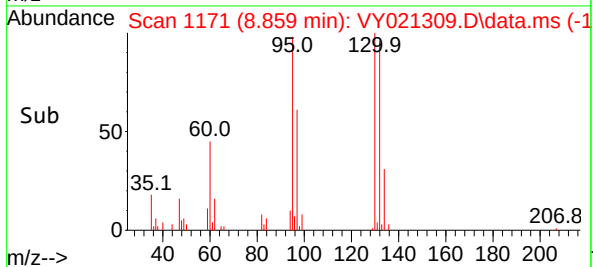
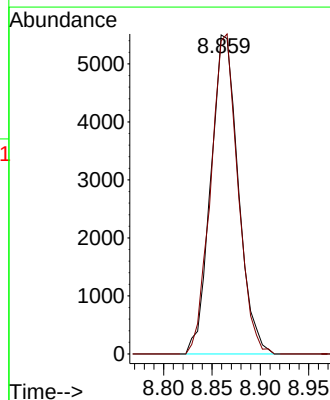
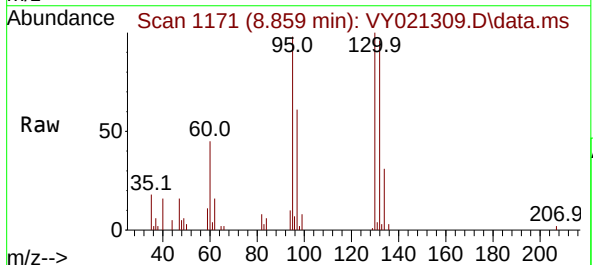
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

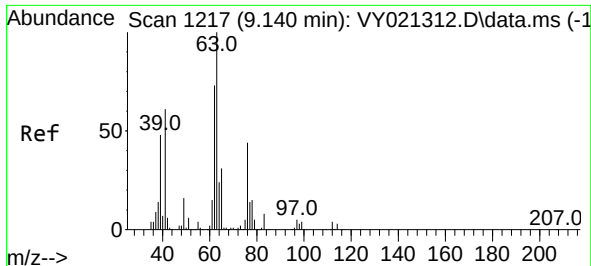
Tgt Ion:	43	Resp:	12832
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.0	22.6
87	13.0	10.0	15.0



#44
Trichloroethene
Concen: 5.143 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:	130	Resp:	10868
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.0





#45

1,2-Dichloropropane

Concen: 5.133 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

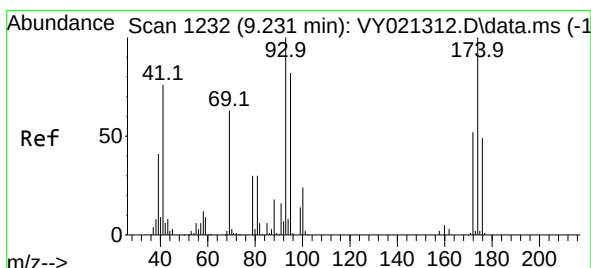
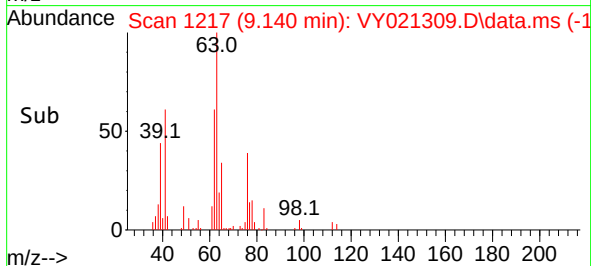
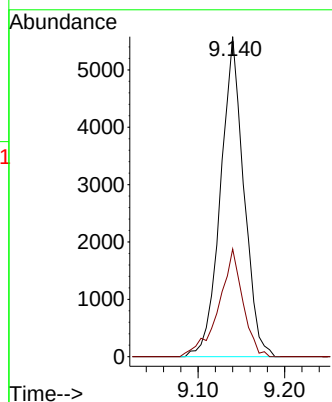
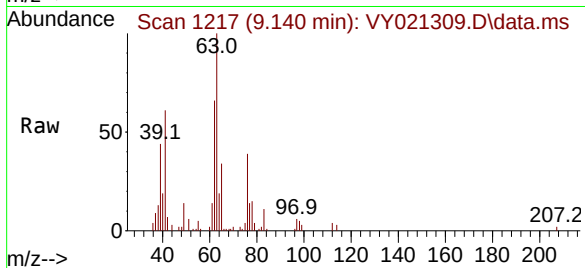
VSTDIC005

Tgt Ion: 63 Resp: 10426

Ion Ratio Lower Upper

63 100

65 33.6 24.6 36.8



#46

Dibromomethane

Concen: 5.005 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

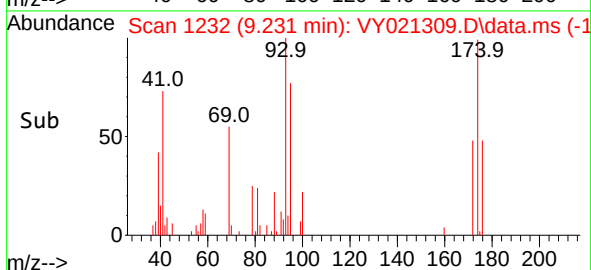
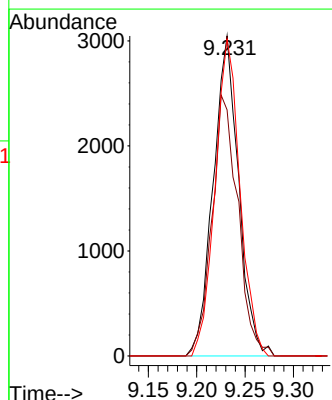
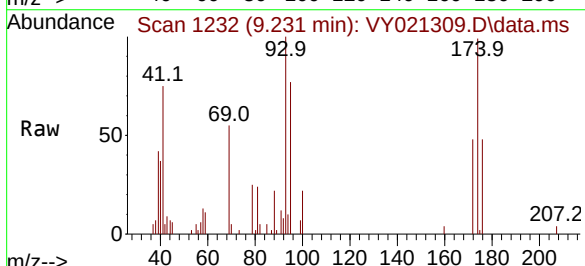
Tgt Ion: 93 Resp: 5557

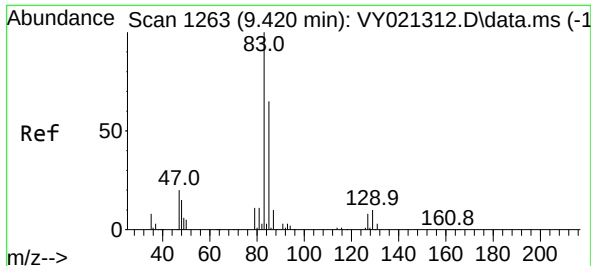
Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 97.3 78.2 117.2

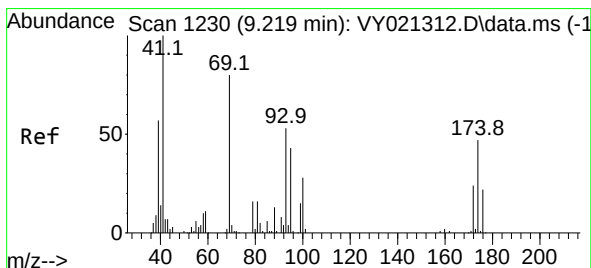
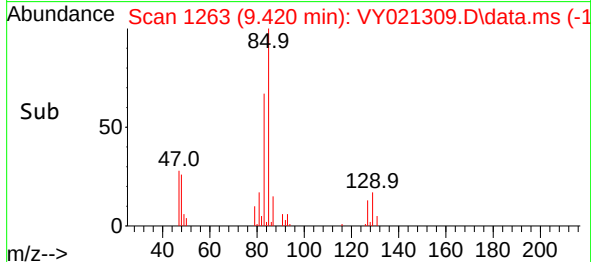
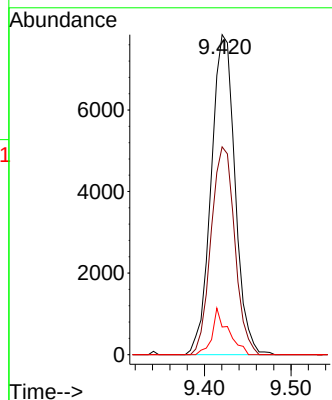
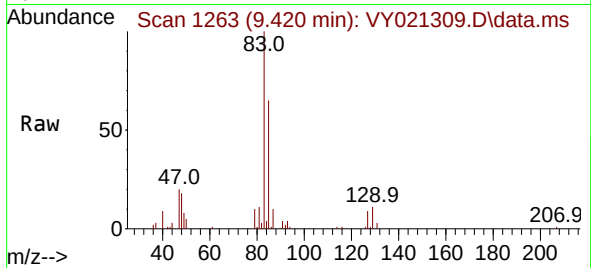




#47
Bromodichloromethane
Concen: 5.081 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

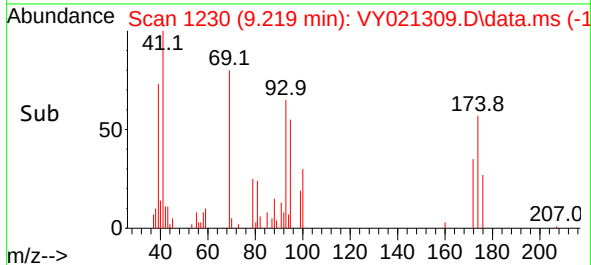
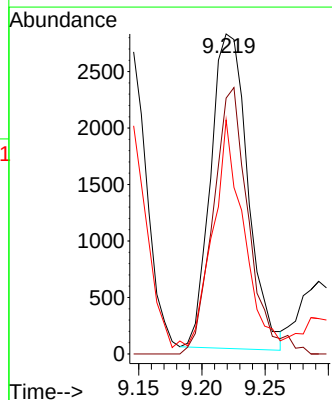
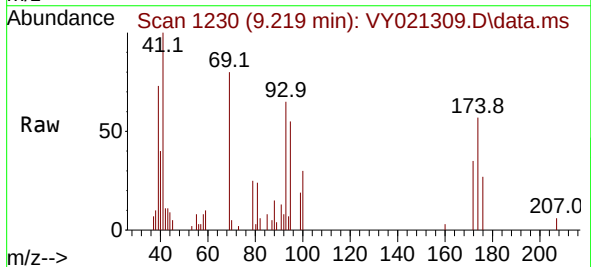
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

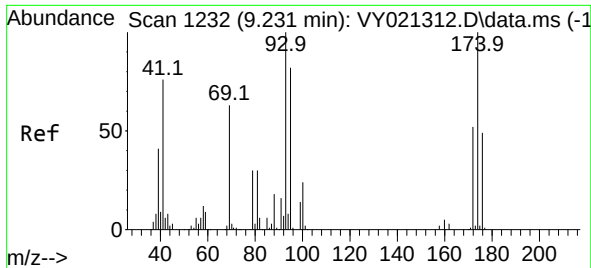
Tgt Ion:	83	Resp:	15042
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.8
127	8.7	6.7	10.1



#48
Methyl methacrylate
Concen: 4.433 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:	41	Resp:	5698
Ion	Ratio	Lower	Upper
41	100		
69	80.6	63.3	94.9
39	62.7	45.0	67.6

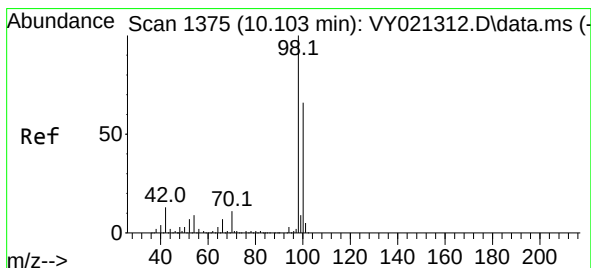
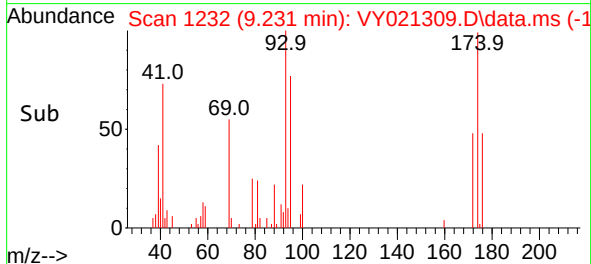
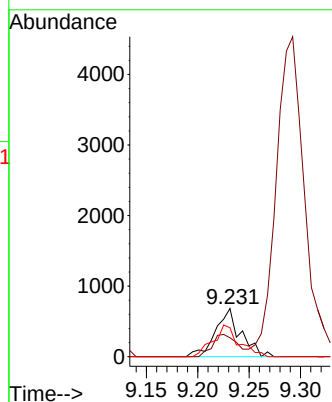
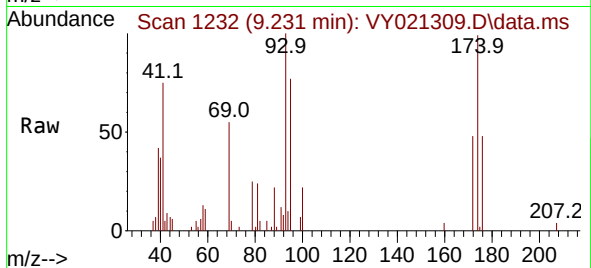




#49
1,4-Dioxane
Concen: 94.292 ug/l
RT: 9.231 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

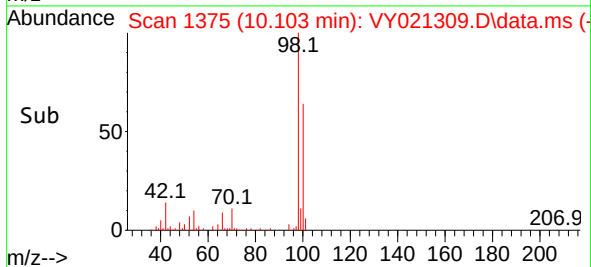
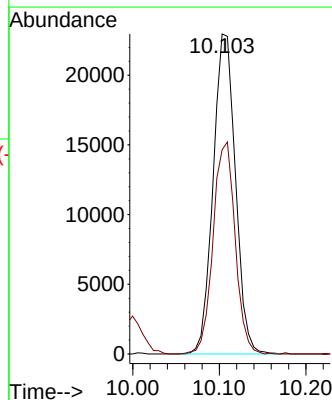
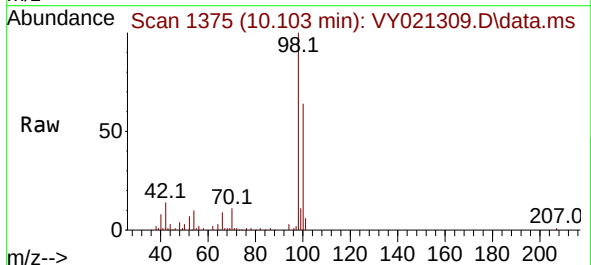
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

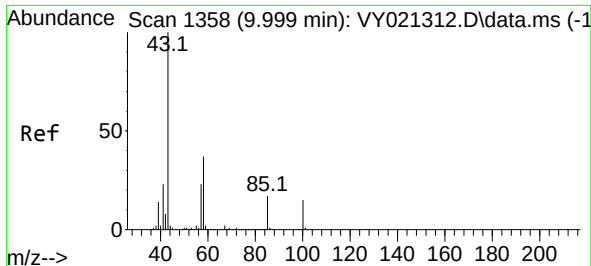
Tgt Ion: 88 Resp: 1164
Ion Ratio Lower Upper
88 100
43 43.6 34.8 52.2
58 67.1 59.8 89.6



#50
Toluene-d8
Concen: 5.603 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 98 Resp: 41158
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 22.677 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

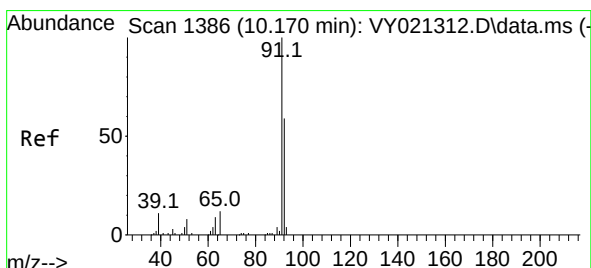
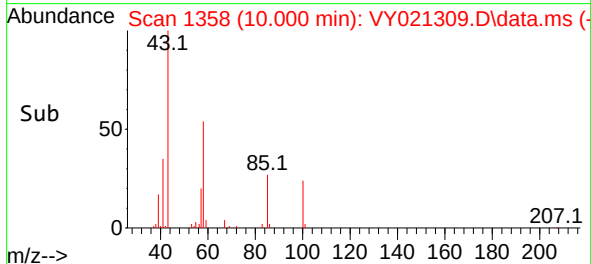
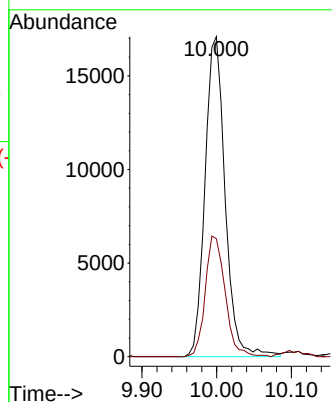
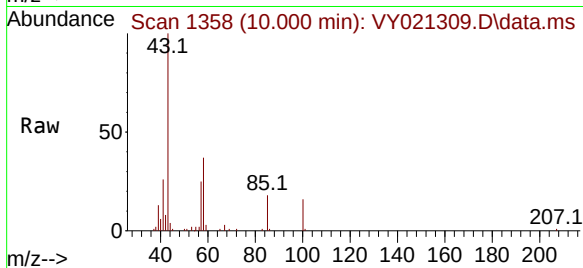
VSTDIC005

Tgt Ion: 43 Resp: 31910

Ion Ratio Lower Upper

43 100

58 37.3 30.1 45.1



#52

Toluene

Concen: 4.905 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021309.D

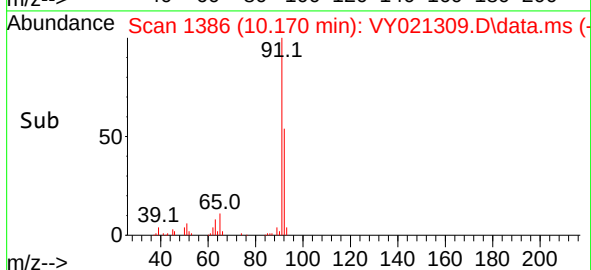
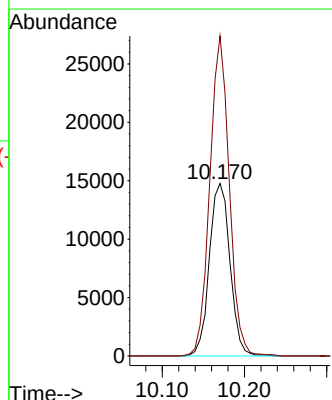
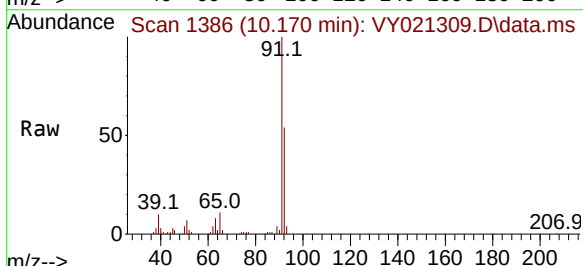
Acq: 25 Feb 2025 12:40

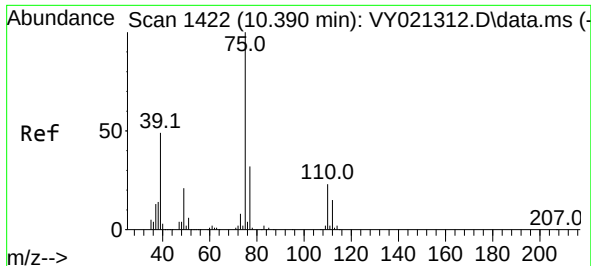
Tgt Ion: 92 Resp: 25715

Ion Ratio Lower Upper

92 100

91 175.2 137.8 206.8

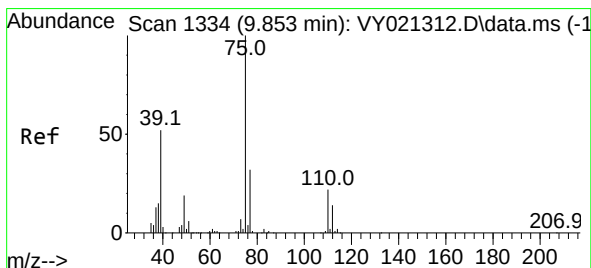
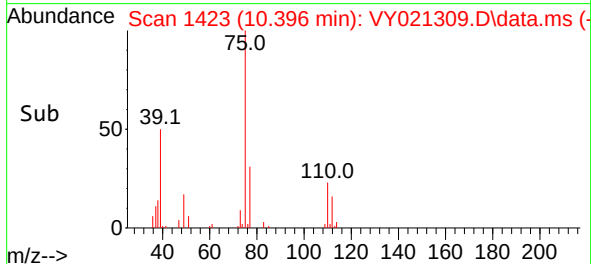
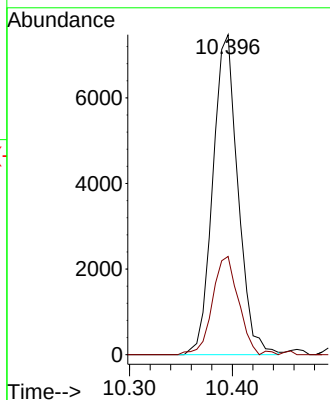
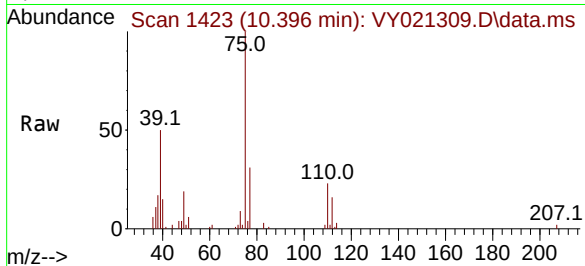




#53
 t-1,3-Dichloropropene
 Concen: 4.682 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

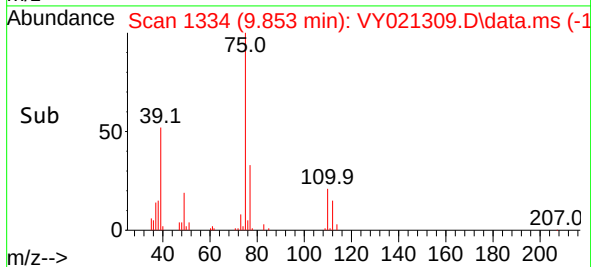
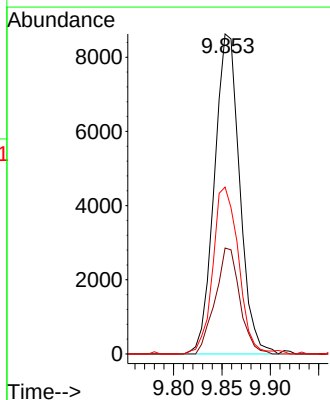
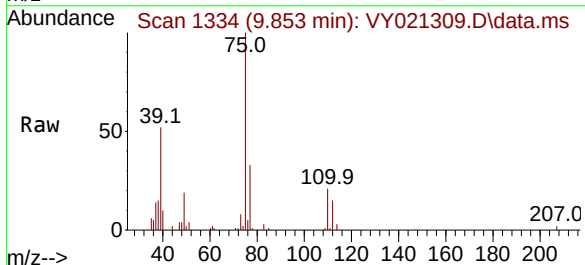
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

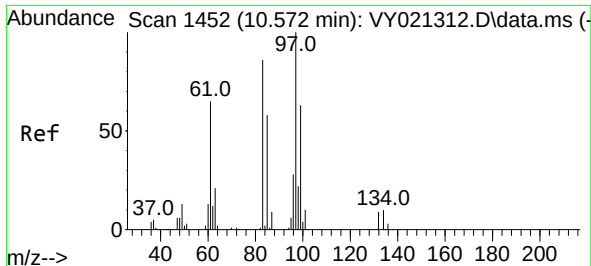
Tgt Ion: 75 Resp: 12697
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.899 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 15685
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.7 38.5
 39 52.2 41.8 62.6

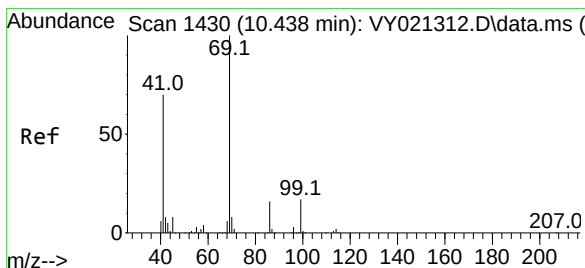
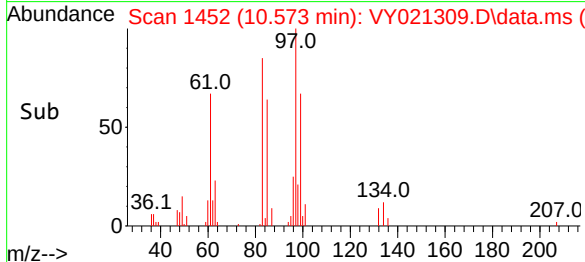
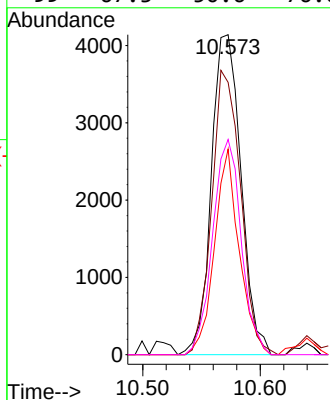
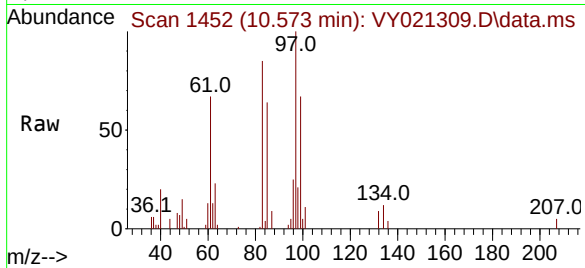




#55
1,1,2-Trichloroethane
Concen: 5.019 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

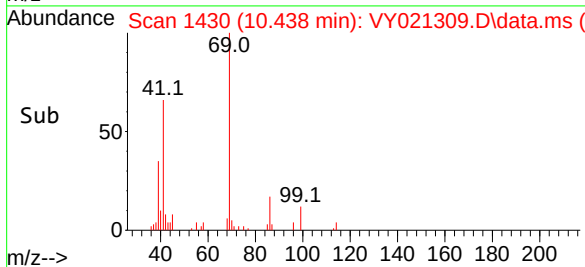
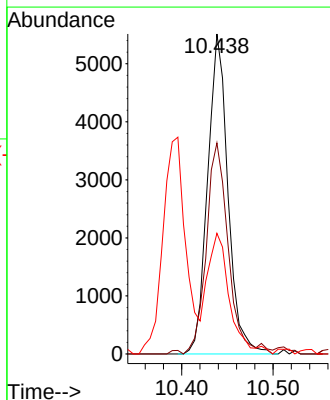
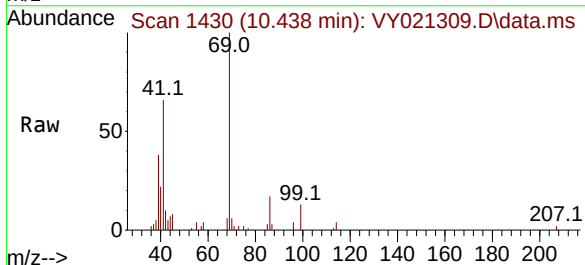
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

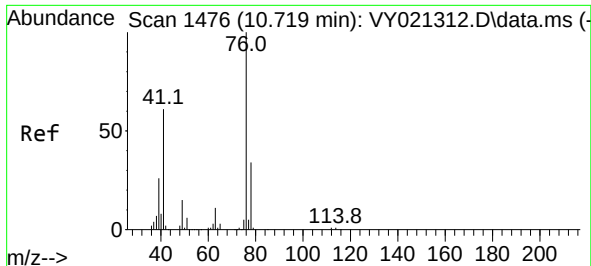
Tgt Ion: 97	Resp: 7259
Ion Ratio	Lower Upper
97 100	
83 85.1	68.7 103.1
85 64.3	46.3 69.5
99 67.3	50.6 76.0



#56
Ethyl methacrylate
Concen: 4.267 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 69	Resp: 8528
Ion Ratio	Lower Upper
69 100	
41 71.9	56.2 84.4
39 40.8	32.7 49.1

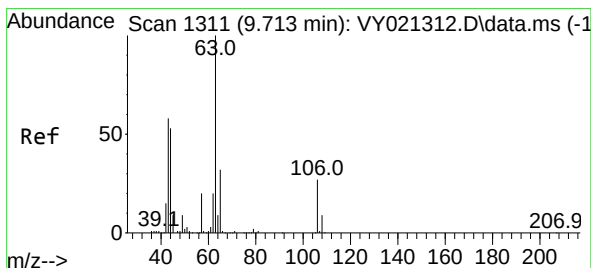
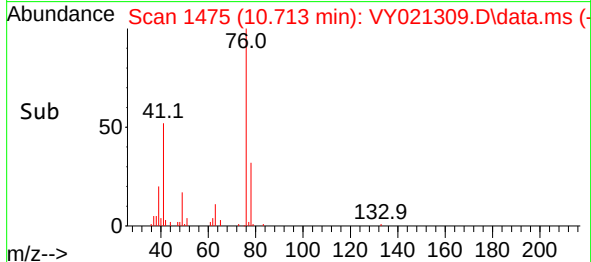
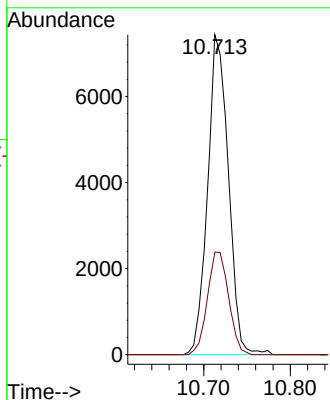
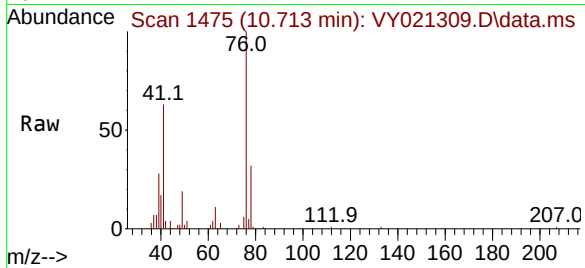




#57
1,3-Dichloropropane
Concen: 4.880 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

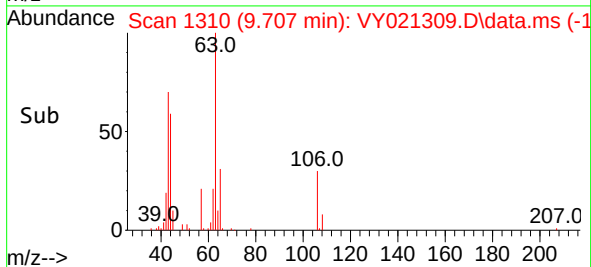
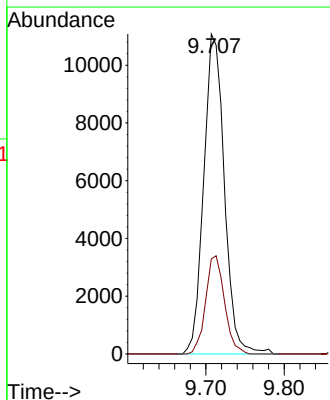
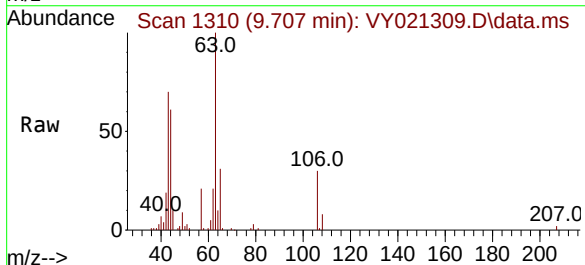
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

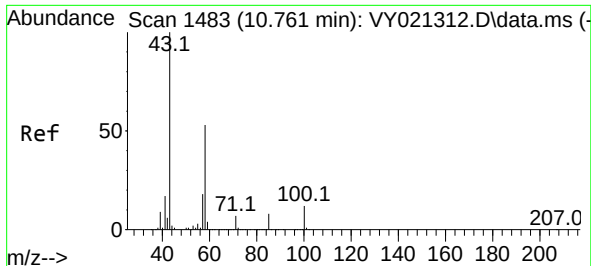
Tgt Ion: 76 Resp: 12384
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 21.153 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 63 Resp: 20290
Ion Ratio Lower Upper
63 100
106 28.0 21.7 32.5





#59

2-Hexanone

Concen: 20.897 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

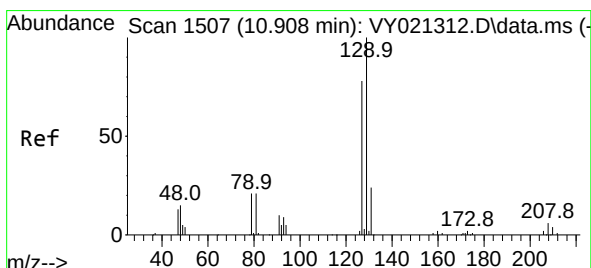
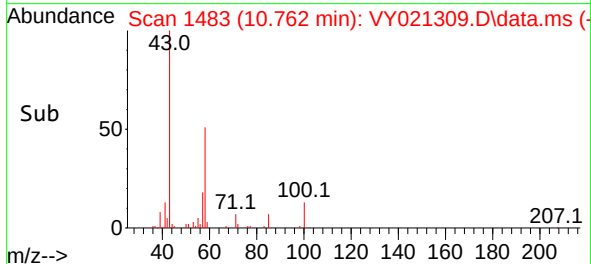
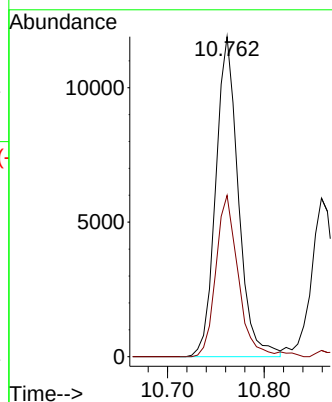
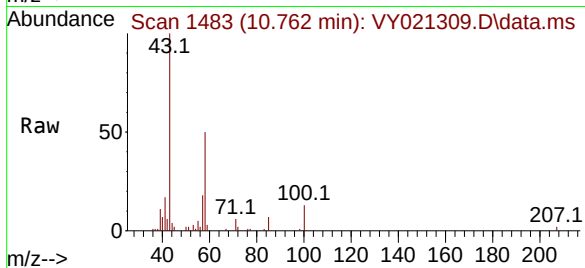
VSTDIC005

Tgt Ion: 43 Resp: 19312

Ion Ratio Lower Upper

43 100

58 49.3 25.9 77.6



#60

Dibromochloromethane

Concen: 4.998 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY021309.D

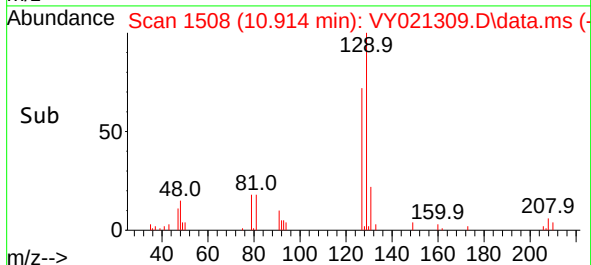
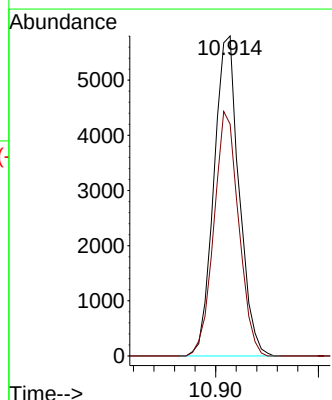
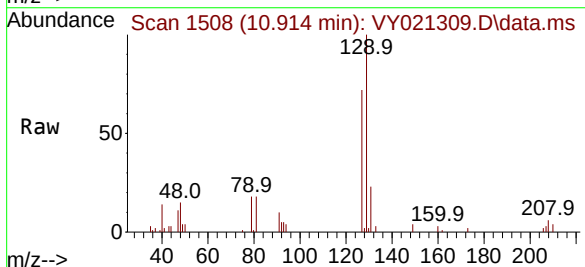
Acq: 25 Feb 2025 12:40

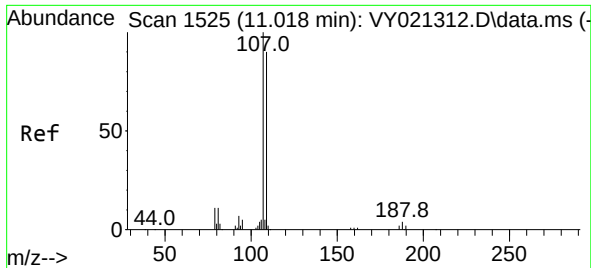
Tgt Ion: 129 Resp: 9844

Ion Ratio Lower Upper

129 100

127 75.4 38.8 116.4

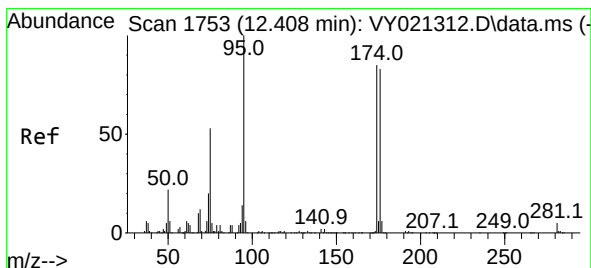
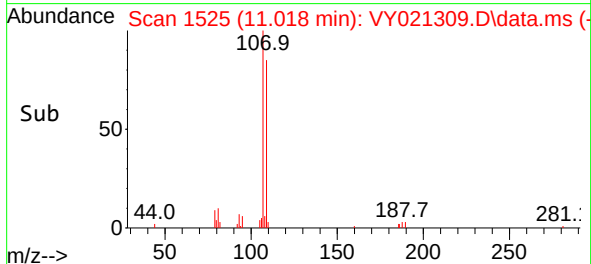
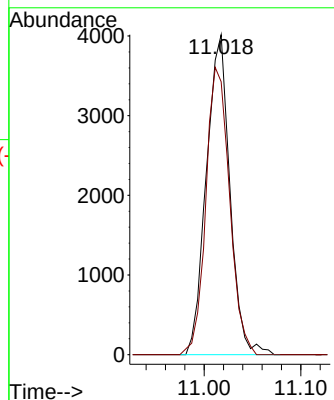
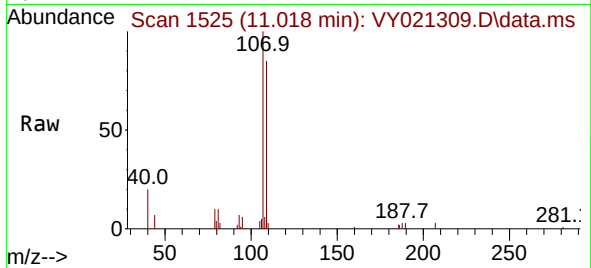




#61
1,2-Dibromoethane
Concen: 4.960 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

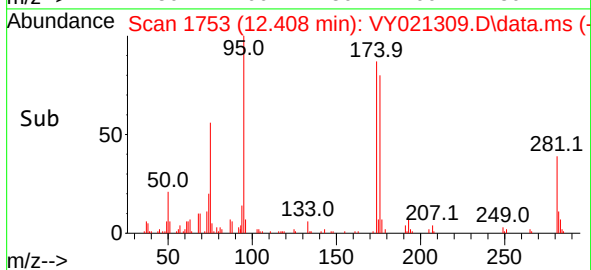
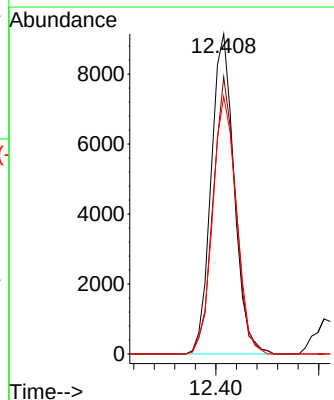
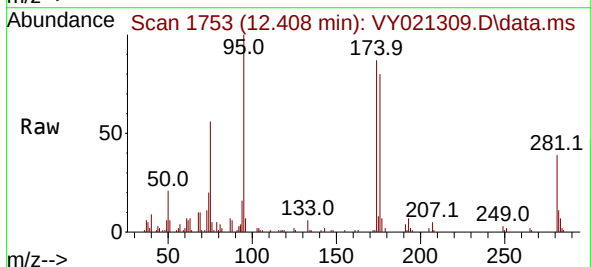
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

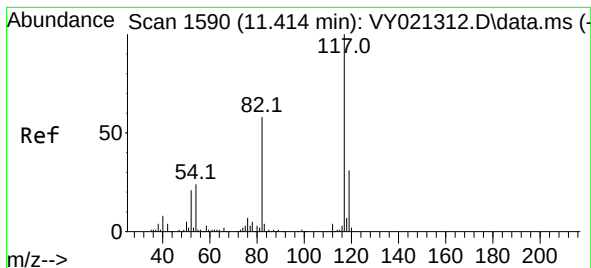
Tgt Ion:107 Resp: 6792
Ion Ratio Lower Upper
107 100
109 90.5 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 5.741 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 95 Resp: 14192
Ion Ratio Lower Upper
95 100
174 85.3 0.0 168.0
176 83.1 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

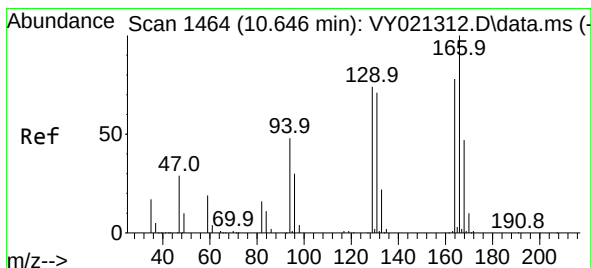
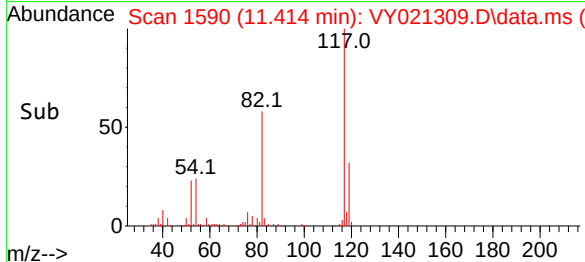
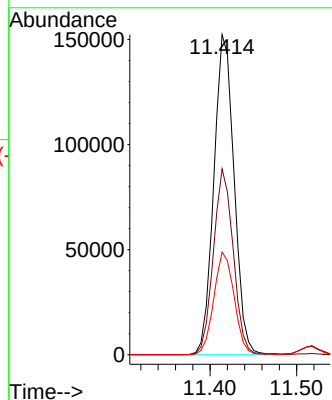
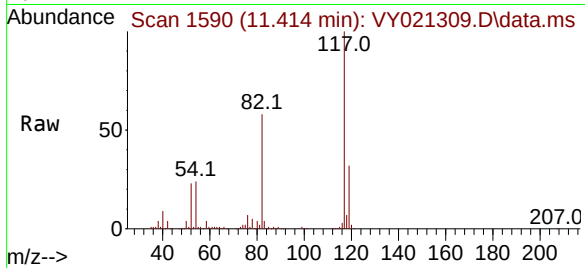
Tgt Ion:117 Resp: 247837

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

119 32.0 24.9 37.3



#64

Tetrachloroethene

Concen: 5.361 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion:164 Resp: 10042

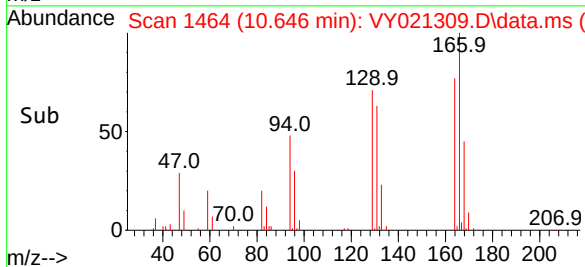
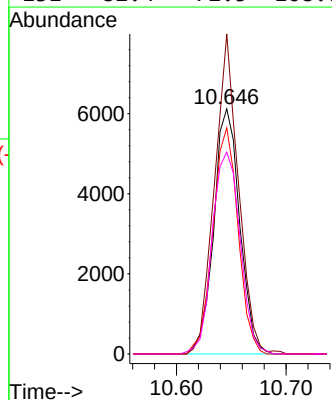
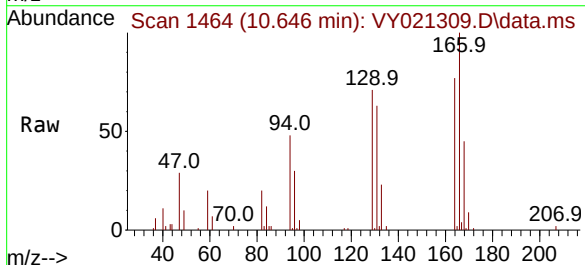
Ion Ratio Lower Upper

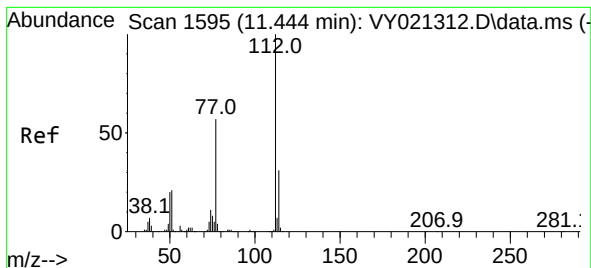
164 100

166 130.6 101.9 152.9

129 92.3 75.5 113.3

131 82.4 72.5 108.7





#65

Chlorobenzene

Concen: 5.217 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

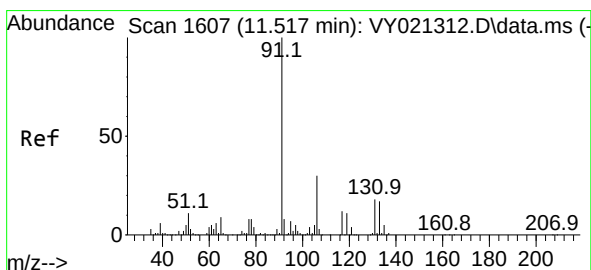
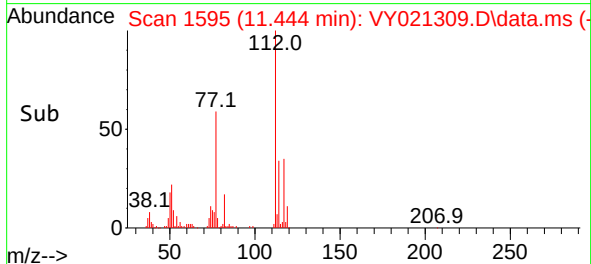
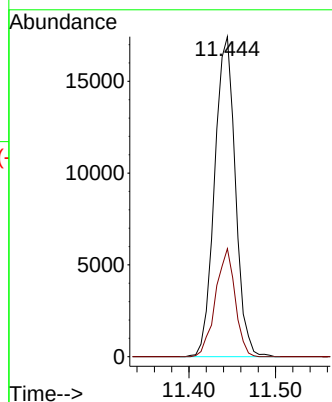
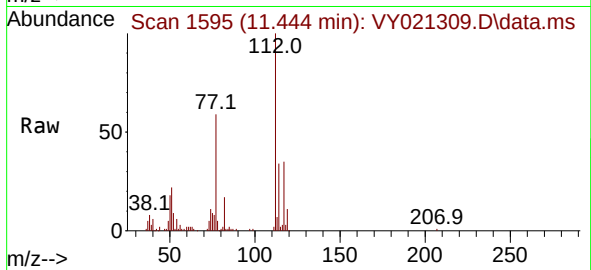
VSTDIC005

Tgt Ion:112 Resp: 29025

Ion Ratio Lower Upper

112 100

114 33.8 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 5.043 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

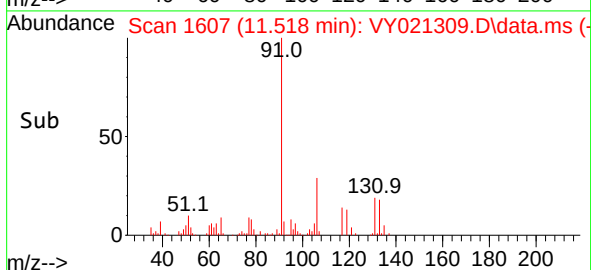
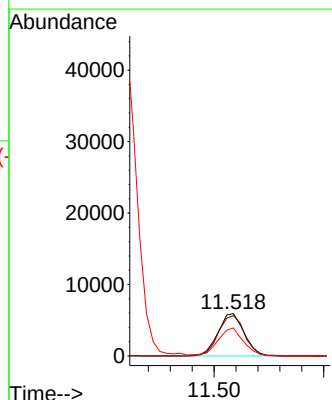
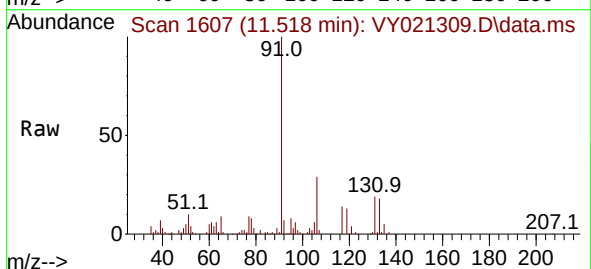
Tgt Ion:131 Resp: 9824

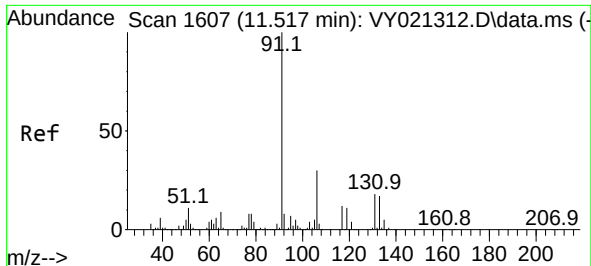
Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.6

119 64.5 31.7 95.1





#67

Ethyl Benzene

Concen: 4.874 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

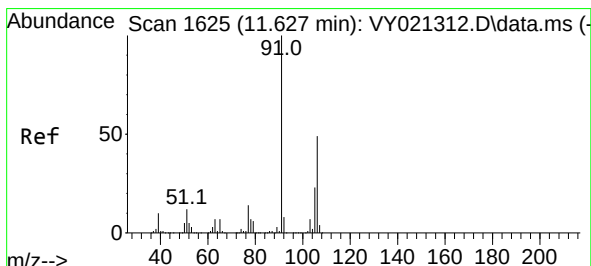
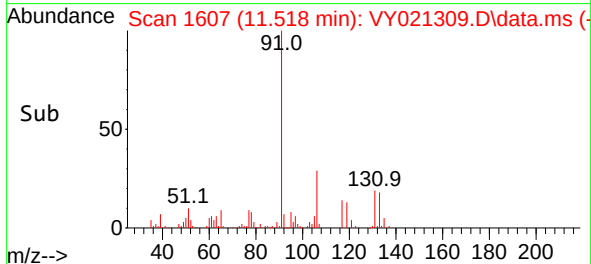
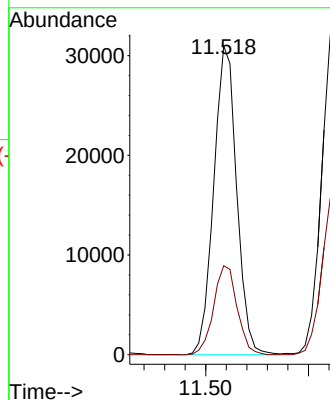
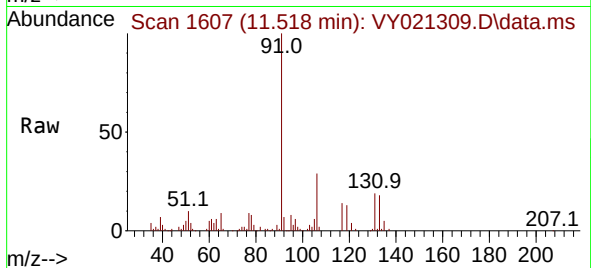
VSTDIC005

Tgt Ion: 91 Resp: 48026

Ion Ratio Lower Upper

91 100

106 28.8 24.4 36.6



#68

m/p-Xylenes

Concen: 9.833 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021309.D

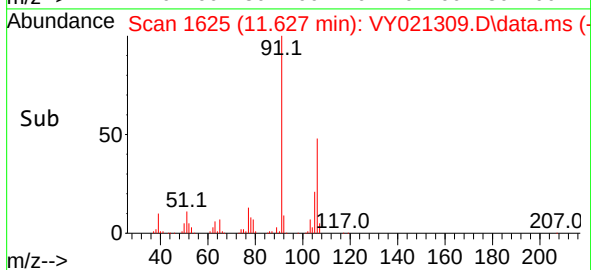
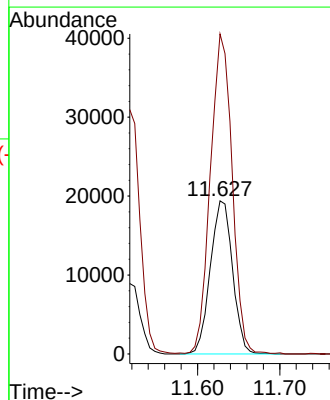
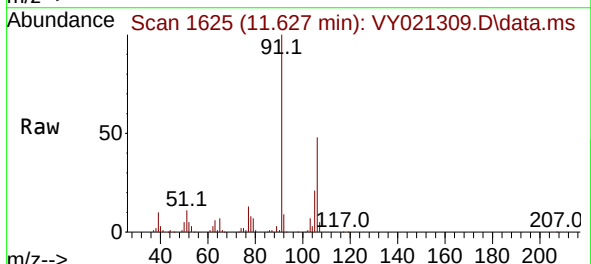
Acq: 25 Feb 2025 12:40

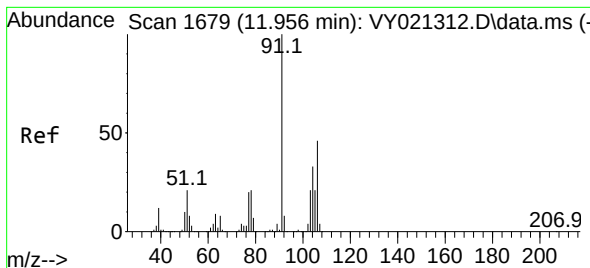
Tgt Ion: 106 Resp: 36446

Ion Ratio Lower Upper

106 100

91 205.1 163.9 245.9





#69

o-Xylene

Concen: 4.920 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

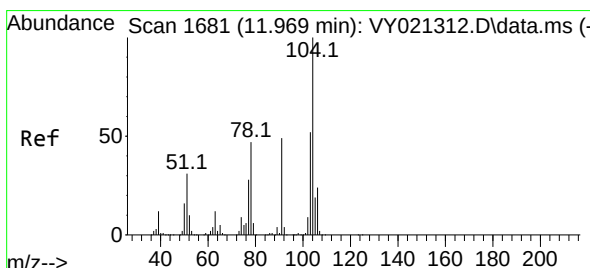
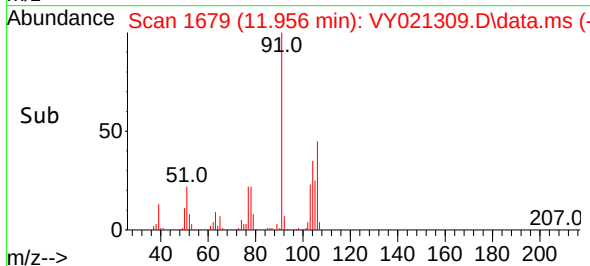
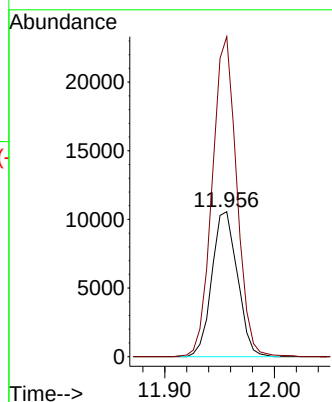
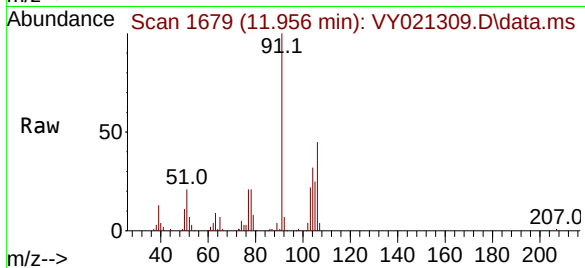
VSTDIC005

Tgt Ion:106 Resp: 17085

Ion Ratio Lower Upper

106 100

91 211.7 108.1 324.2



#70

Styrene

Concen: 4.637 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

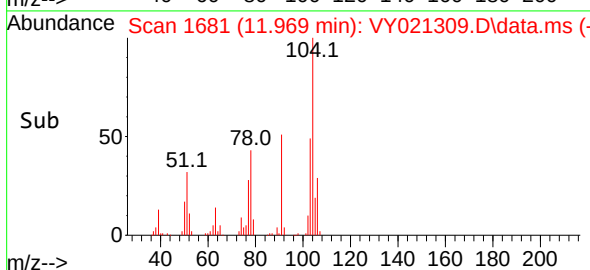
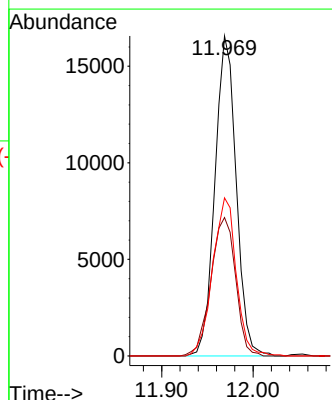
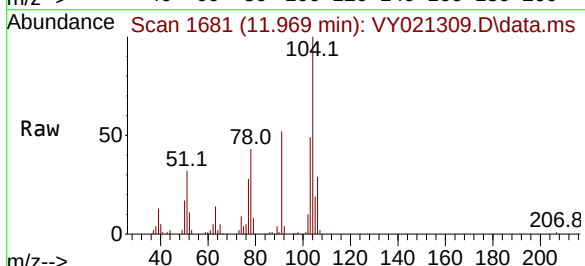
Tgt Ion:104 Resp: 26787

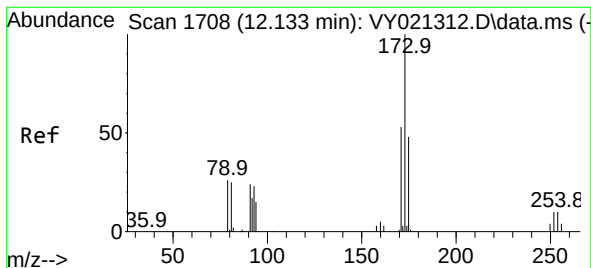
Ion Ratio Lower Upper

104 100

78 50.1 41.3 61.9

103 54.9 43.9 65.9





#71

Bromoform

Concen: 4.916 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

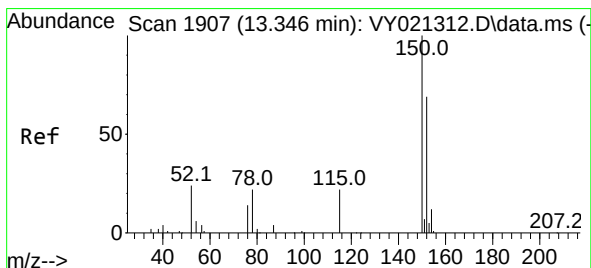
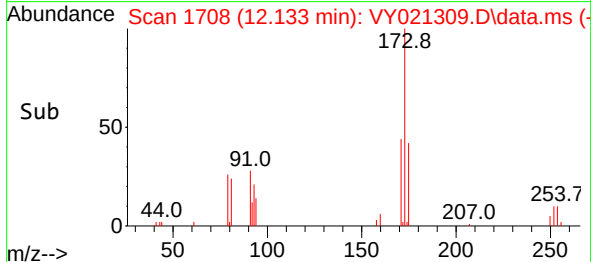
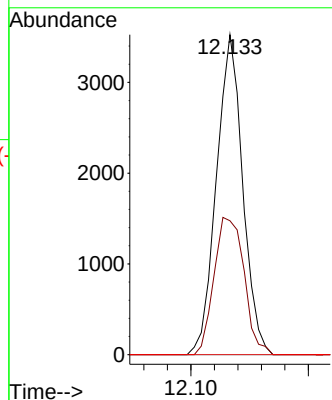
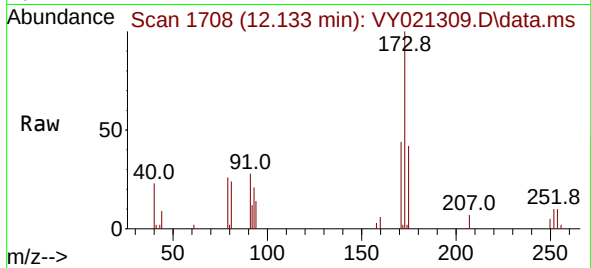
Tgt Ion:173 Resp: 5478

Ion Ratio Lower Upper

173 100

175 48.9 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: VY021309.D

Acq: 25 Feb 2025 12:40

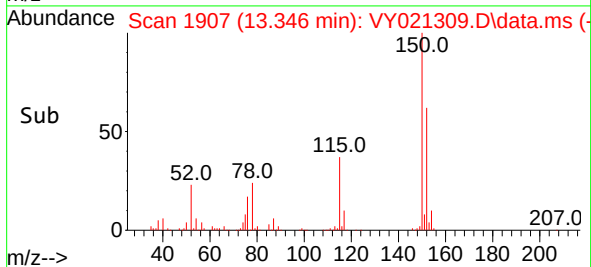
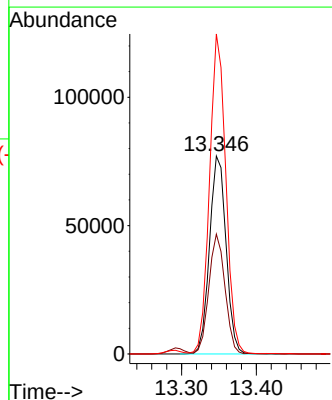
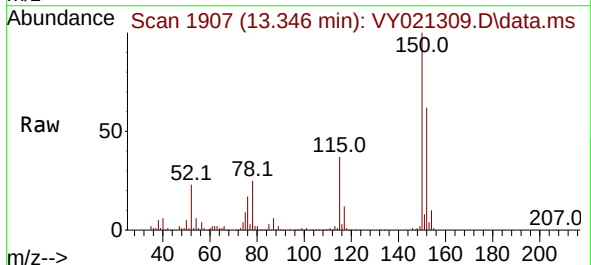
Tgt Ion:152 Resp: 118690

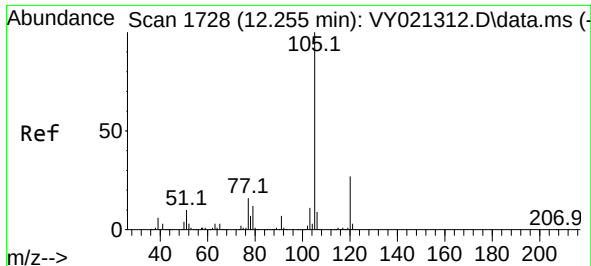
Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

150 158.5 0.0 347.4

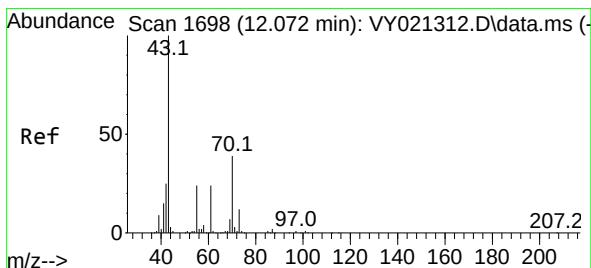
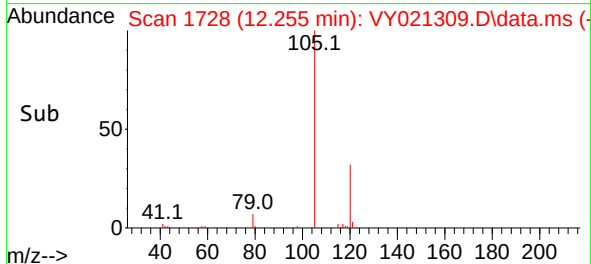
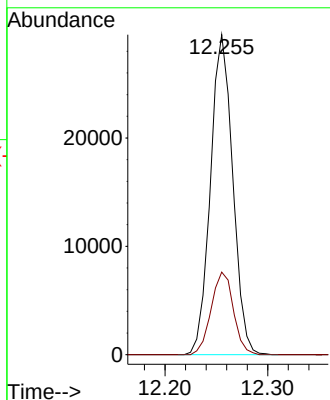
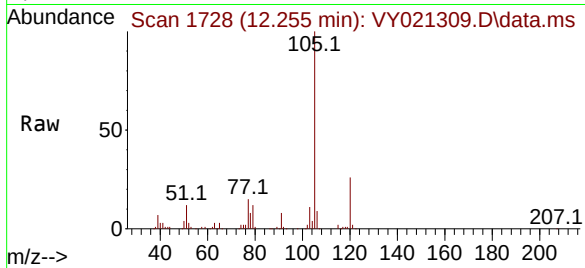




#73
Isopropylbenzene
Concen: 4.980 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

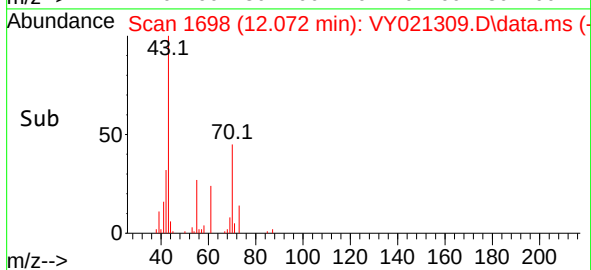
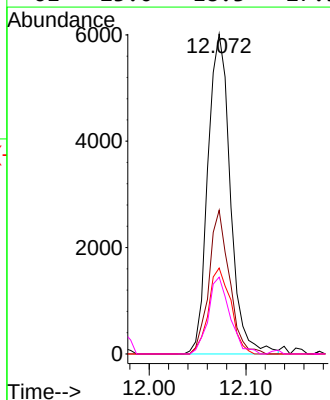
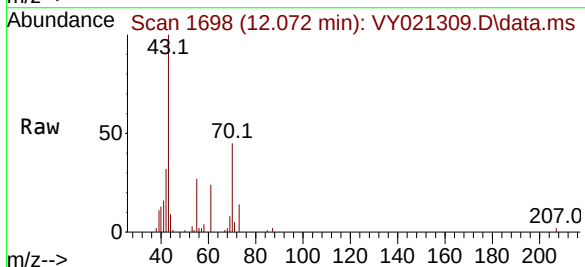
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

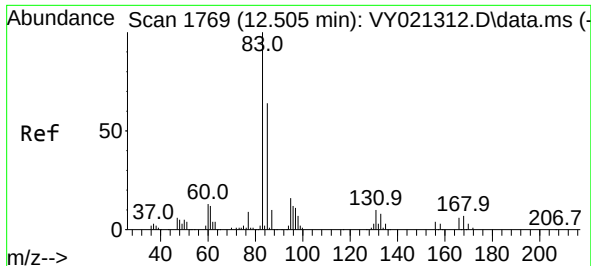
Tgt Ion:105 Resp: 44434
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.8



#74
N-ethyl acetate
Concen: 4.283 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 9713
Ion Ratio Lower Upper
43 100
70 40.9 32.2 48.2
55 26.7 19.6 29.4
61 23.0 18.3 27.5

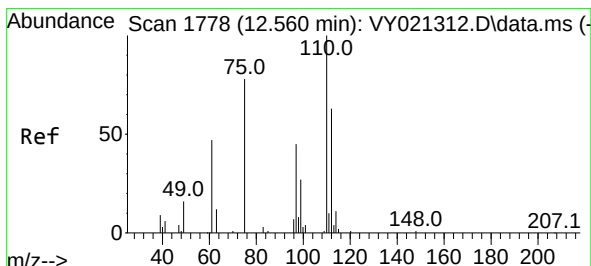
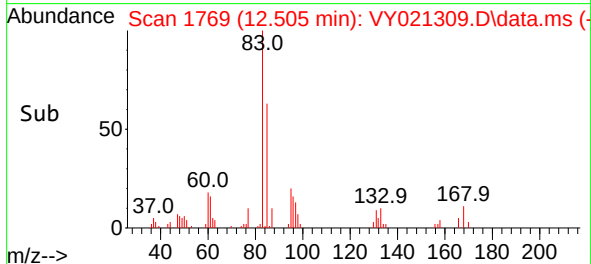
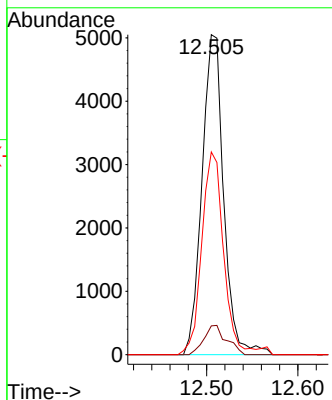
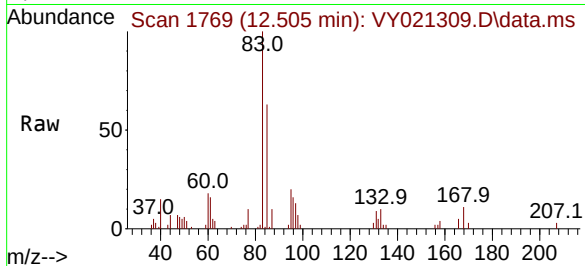




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.276 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

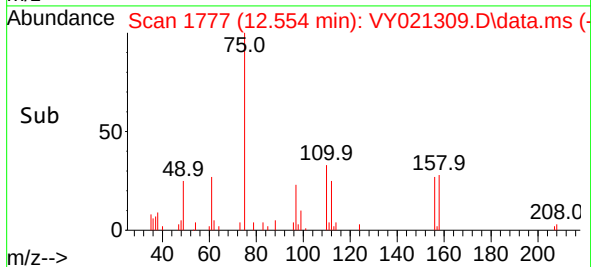
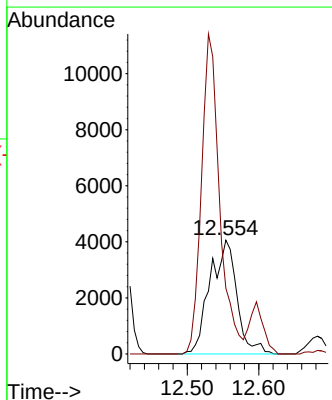
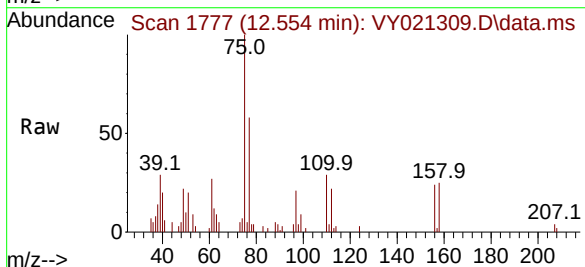
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

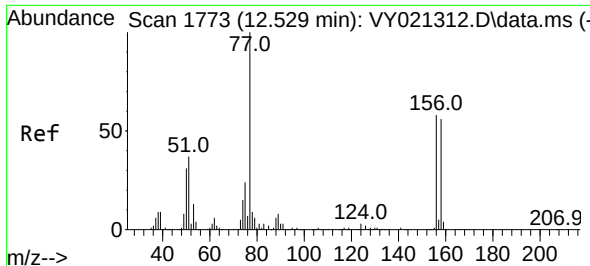
Tgt Ion: 83 Resp: 8309
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.2 15.6
 85 63.4 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 8.890 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 10626
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

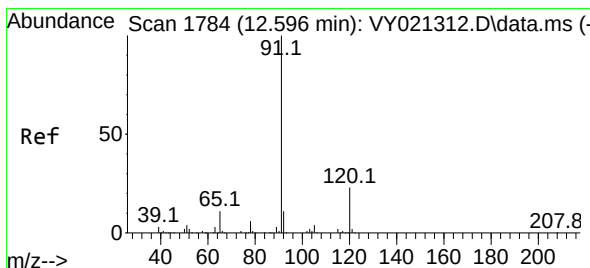
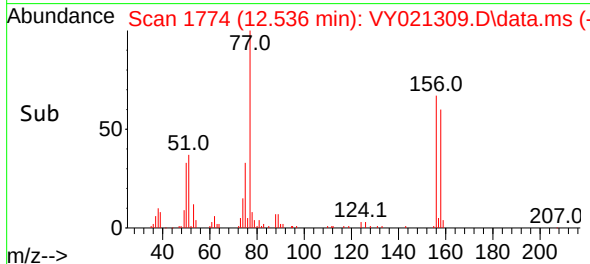
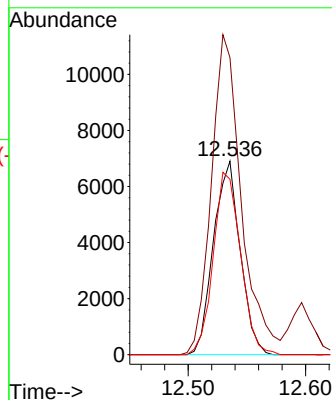
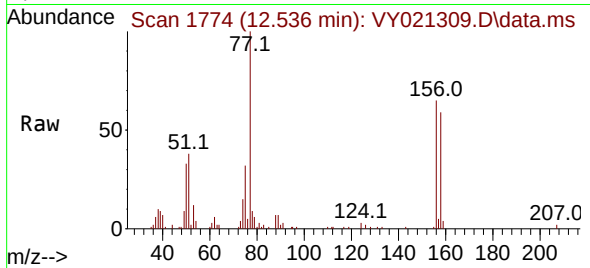




#77
Bromobenzene
Concen: 5.257 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

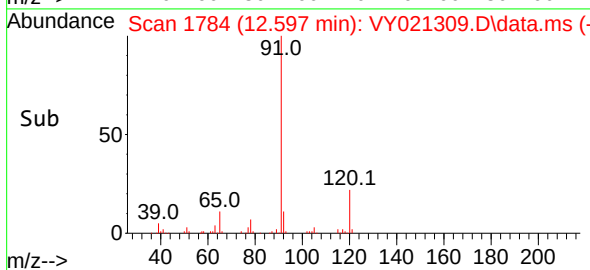
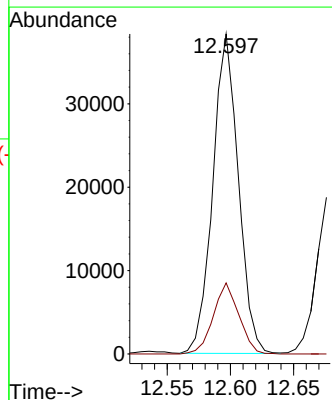
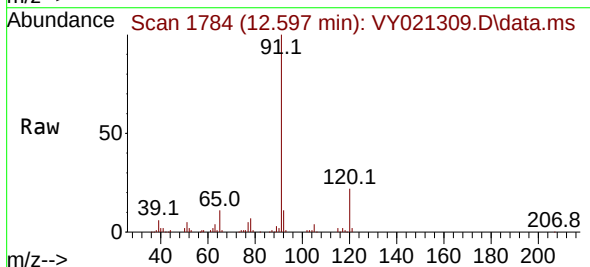
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

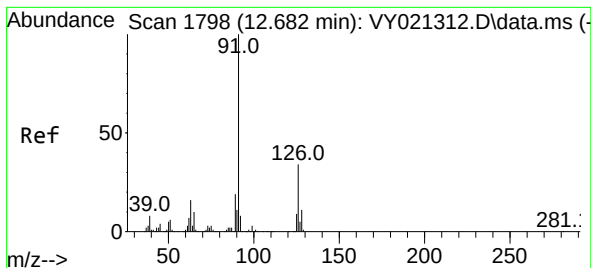
Tgt Ion:156 Resp: 10911
Ion Ratio Lower Upper
156 100
77 185.6 94.0 282.1
158 96.6 48.7 146.1



#78
n-propylbenzene
Concen: 4.968 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 53794
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5





#79

2-Chlorotoluene

Concen: 5.235 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

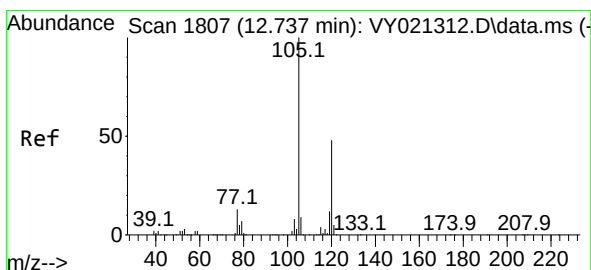
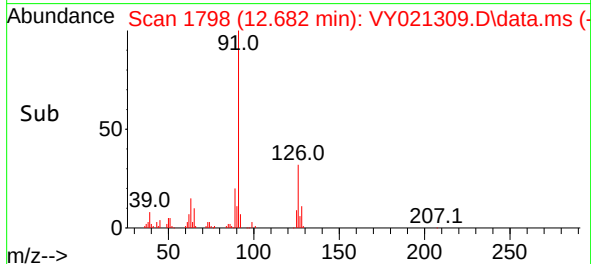
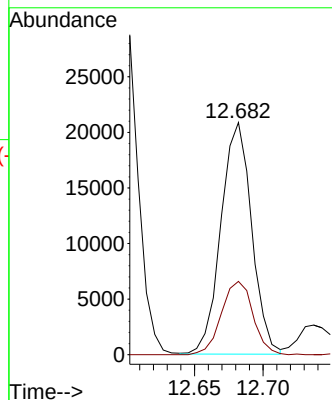
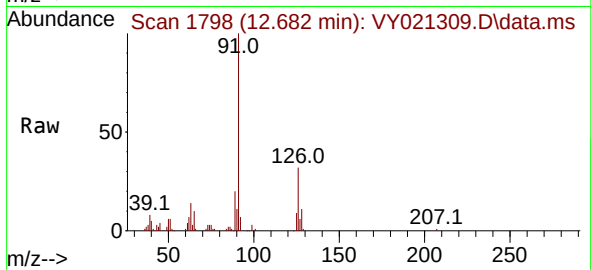
VSTDIC005

Tgt Ion: 91 Resp: 32529

Ion Ratio Lower Upper

91 100

126 32.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 5.014 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021309.D

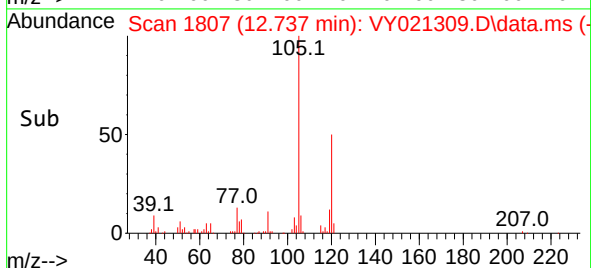
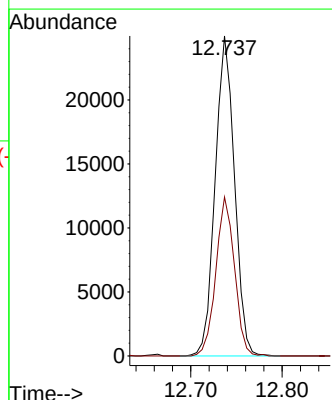
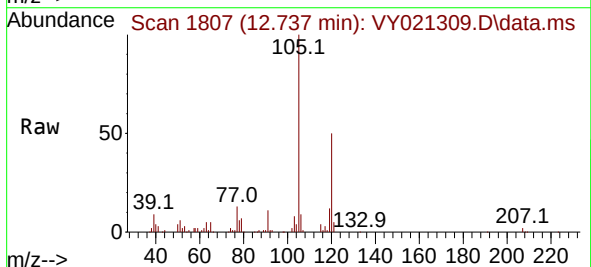
Acq: 25 Feb 2025 12:40

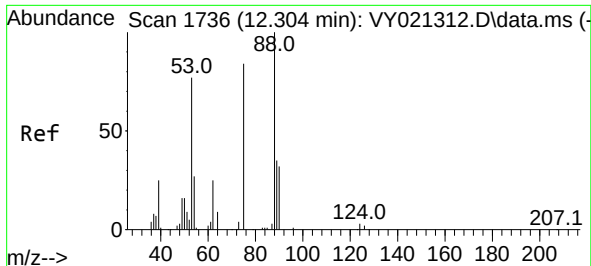
Tgt Ion: 105 Resp: 36696

Ion Ratio Lower Upper

105 100

120 47.9 24.3 73.0

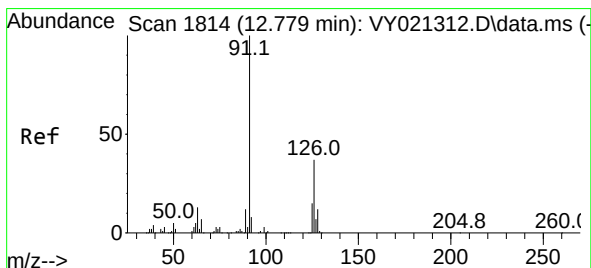
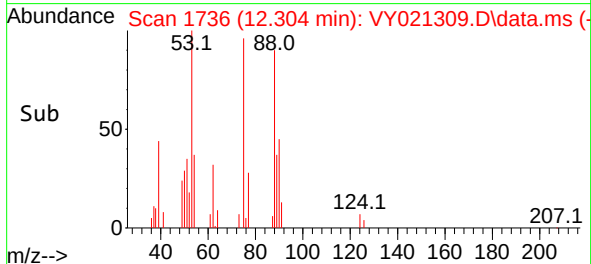
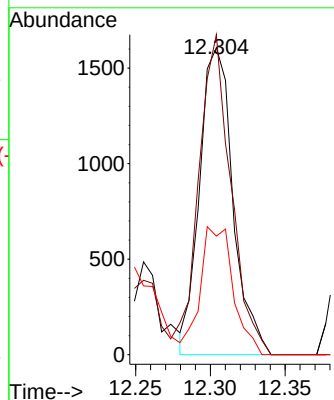
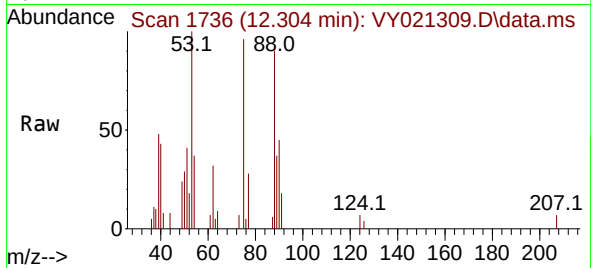




#81
trans-1,4-Dichloro-2-butene
Concen: 4.664 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

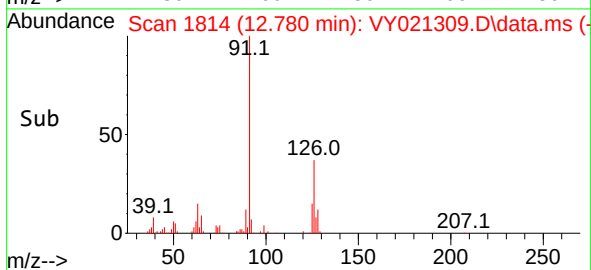
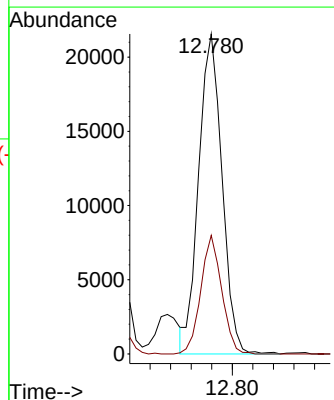
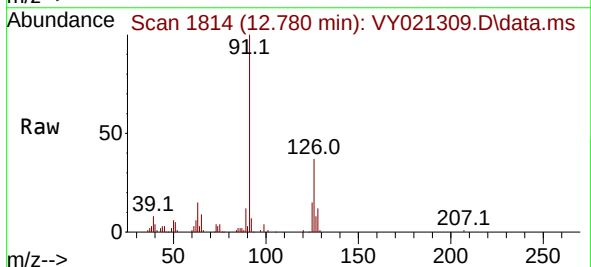
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

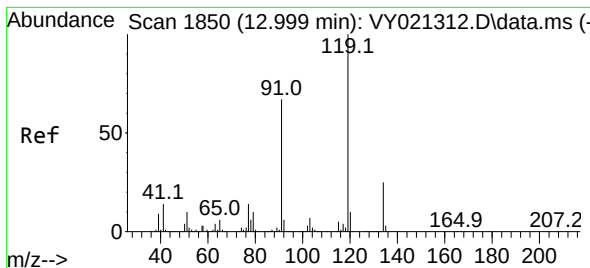
Tgt Ion: 75 Resp: 2493
Ion Ratio Lower Upper
75 100
53 100.8 79.1 118.7
89 41.2 35.6 53.4



#82
4-Chlorotoluene
Concen: 5.290 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 34079
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.4





#83

tert-Butylbenzene

Concen: 4.852 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

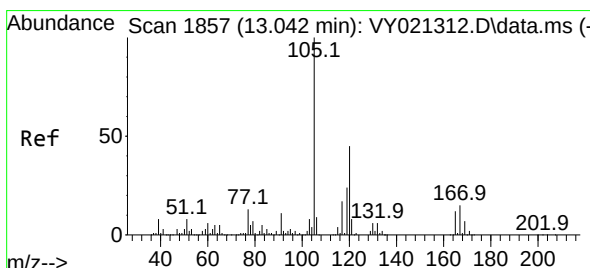
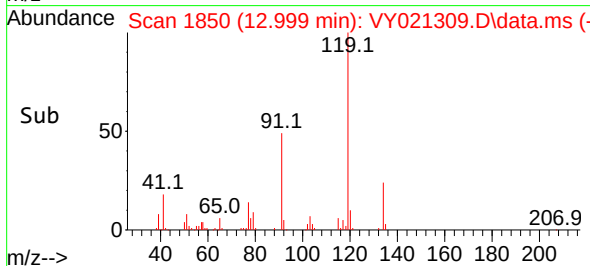
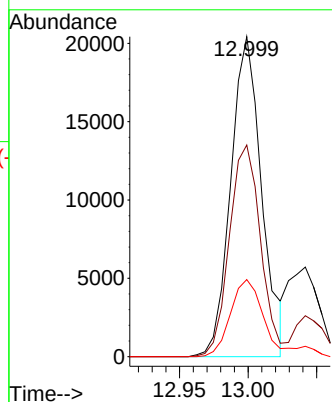
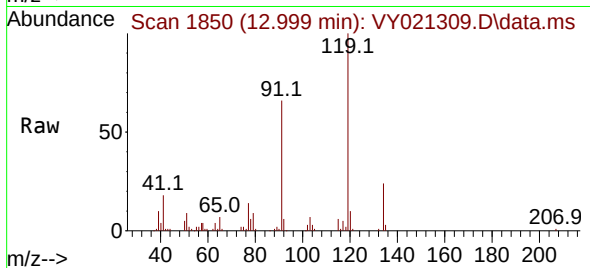
Tgt Ion:119 Resp: 32078

Ion Ratio Lower Upper

119 100

91 66.5 32.7 98.1

134 26.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 4.915 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021309.D

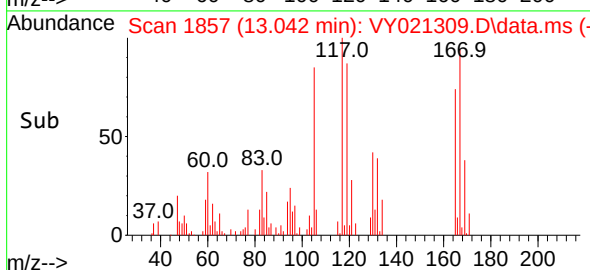
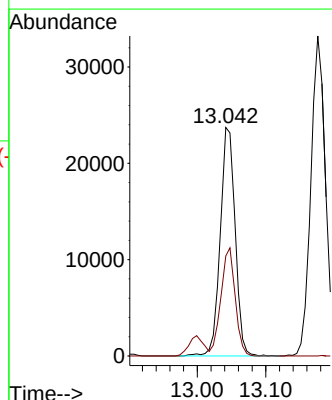
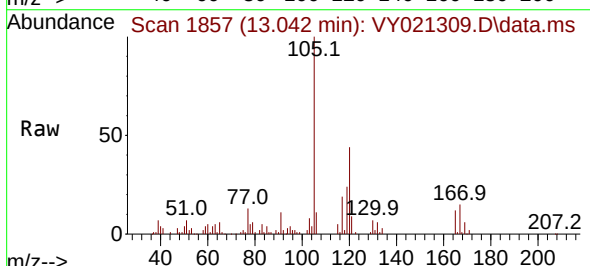
Acq: 25 Feb 2025 12:40

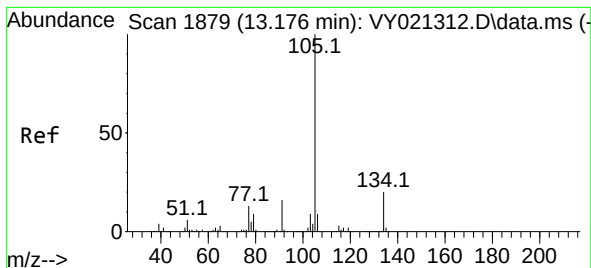
Tgt Ion:105 Resp: 35772

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 5.072 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

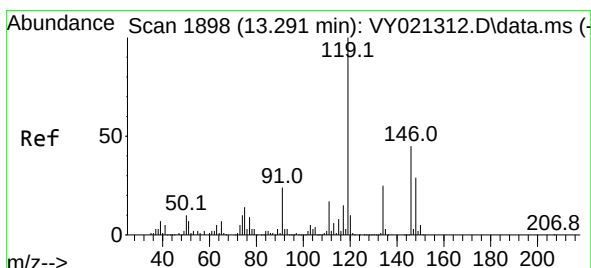
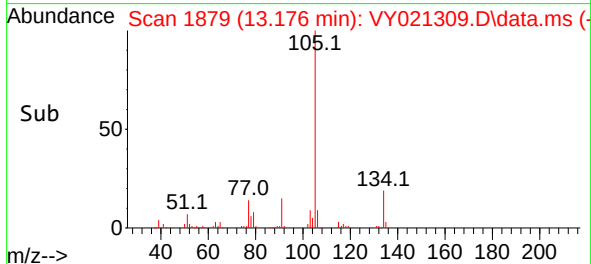
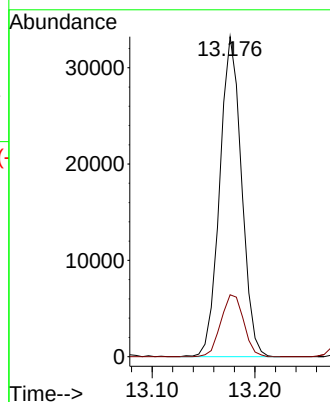
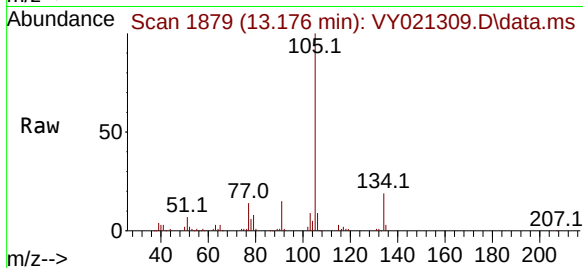
VSTDIC005

Tgt Ion:105 Resp: 48977

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0



#86

p-Isopropyltoluene

Concen: 4.916 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

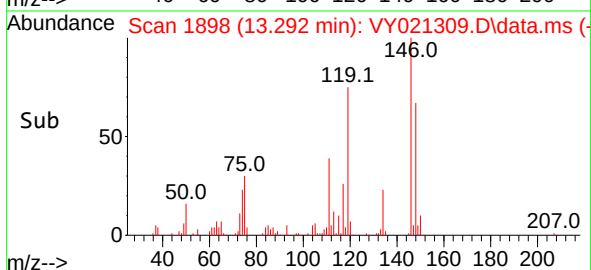
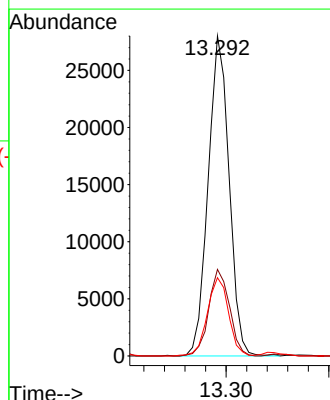
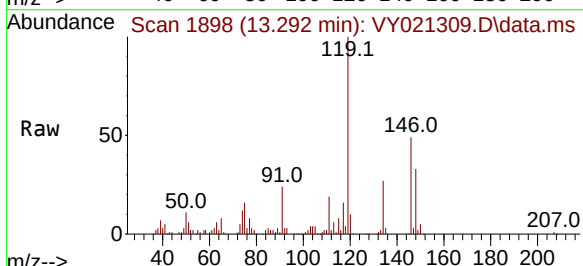
Tgt Ion:119 Resp: 39637

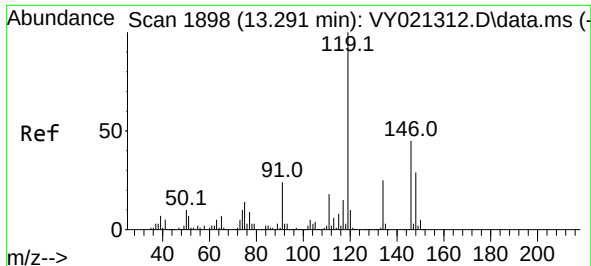
Ion Ratio Lower Upper

119 100

134 26.8 13.0 38.9

91 24.8 12.0 36.1

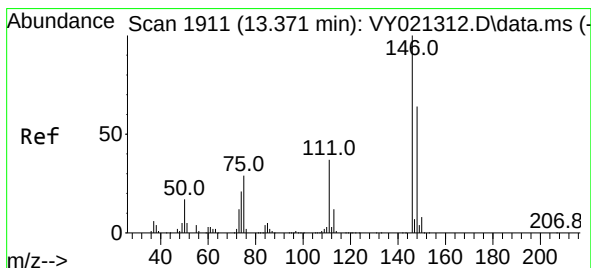
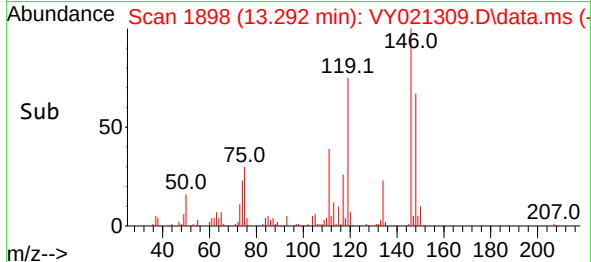
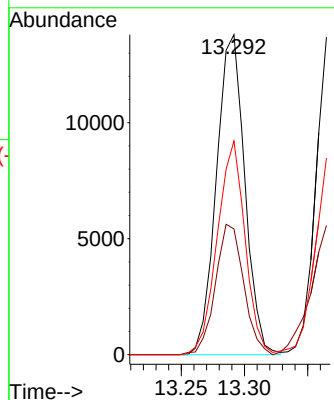
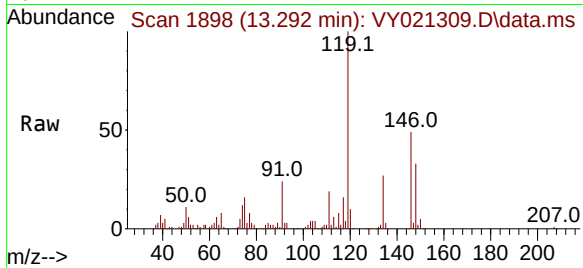




#87
1,3-Dichlorobenzene
Concen: 5.239 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

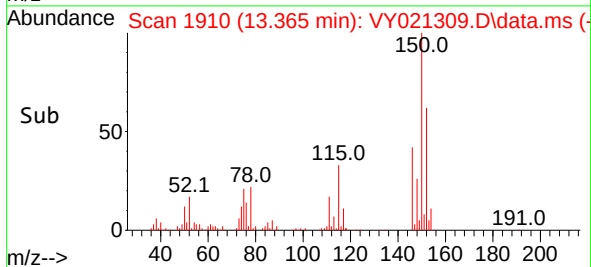
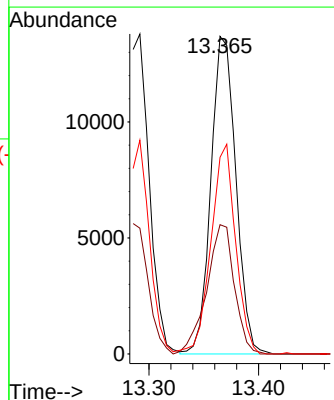
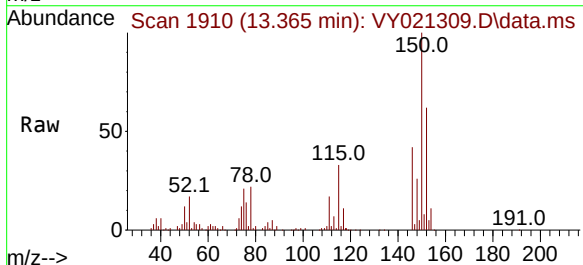
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

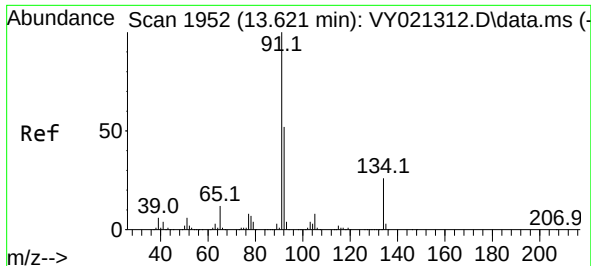
Tgt Ion:146 Resp: 21510
Ion Ratio Lower Upper
146 100
111 40.6 20.0 59.9
148 65.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 5.341 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:146 Resp: 21663
Ion Ratio Lower Upper
146 100
111 45.2 19.5 58.5
148 65.3 32.0 96.2

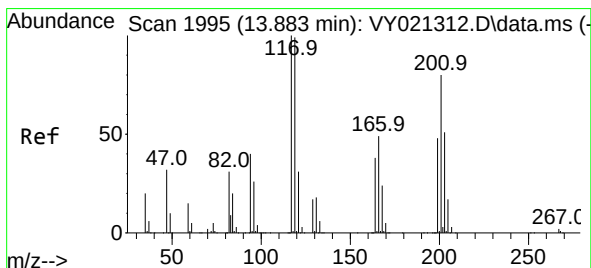
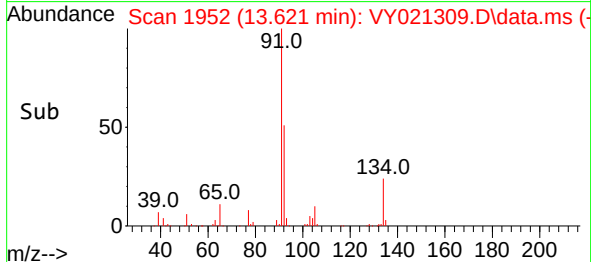
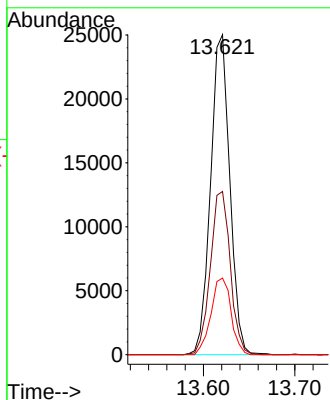
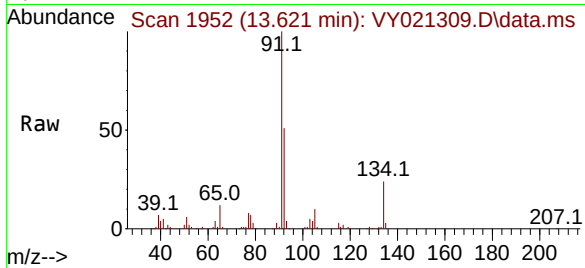




#89
n-Butylbenzene
Concen: 4.815 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

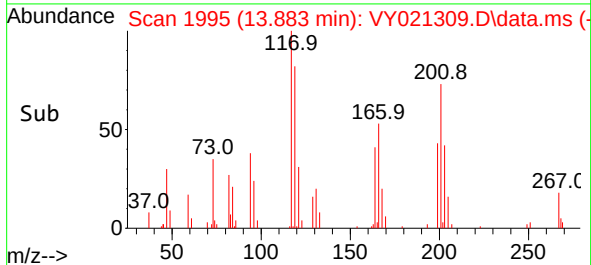
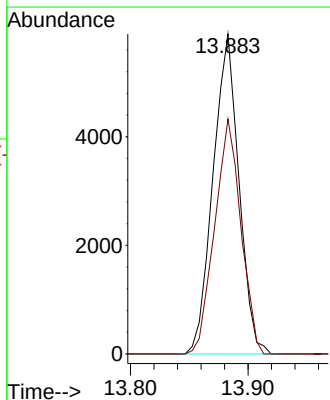
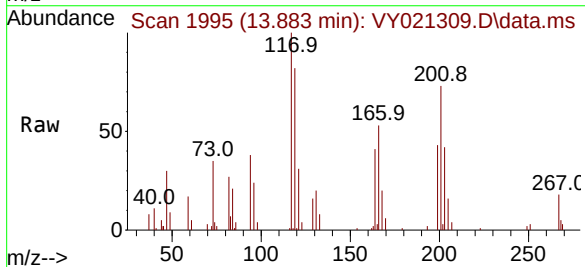
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

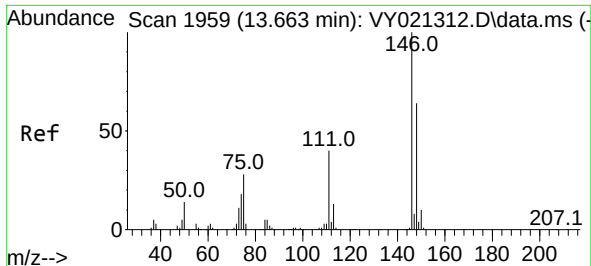
Tgt Ion:	91	Resp:	36537
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.0	12.7	38.0



#90
Hexachloroethane
Concen: 5.351 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:	117	Resp:	9013
Ion	Ratio	Lower	Upper
117	100		
201	74.3	38.4	115.2

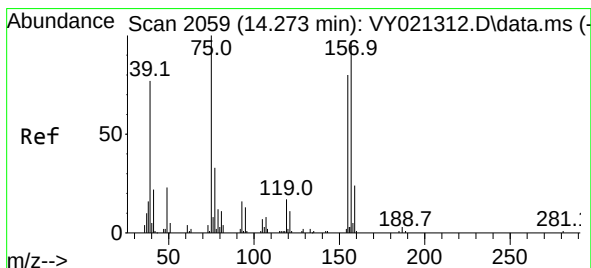
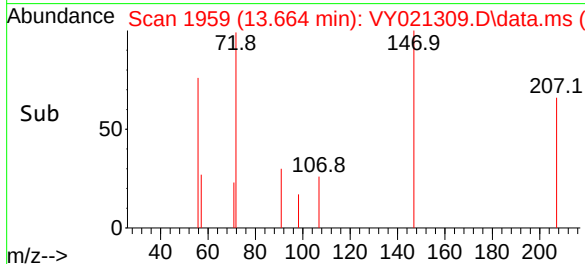
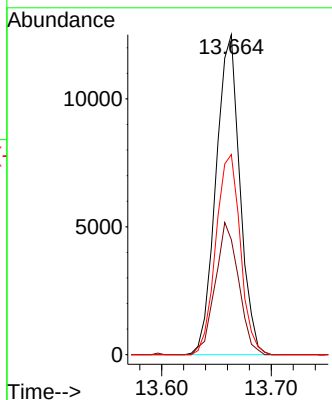
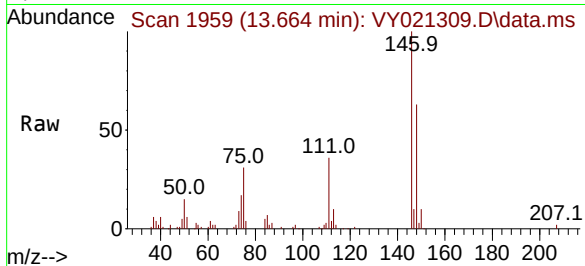




#91
1,2-Dichlorobenzene
Concen: 5.278 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

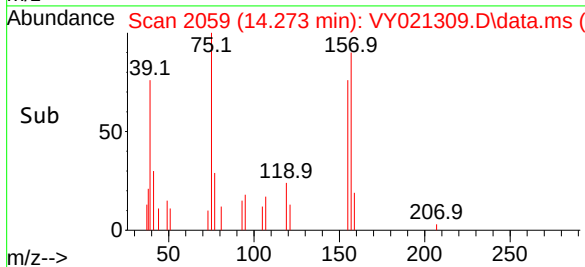
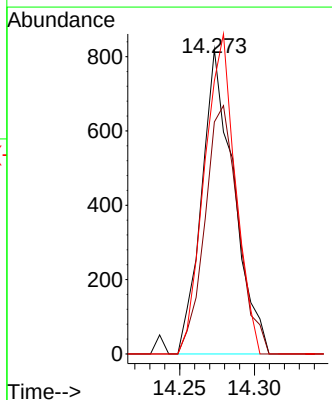
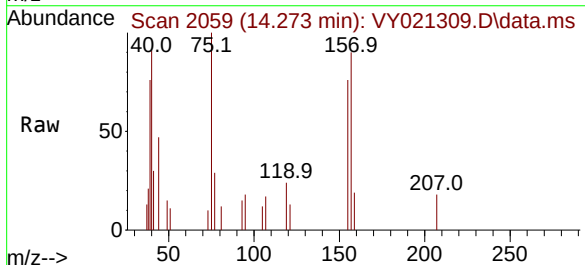
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

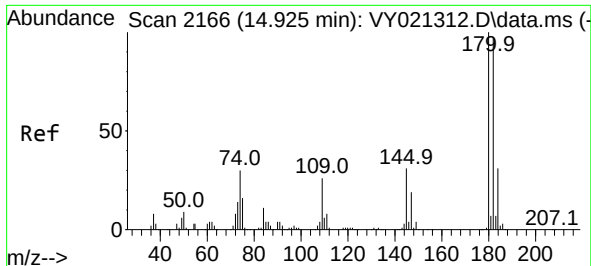
Tgt Ion:146 Resp: 18984
Ion Ratio Lower Upper
146 100
111 40.4 20.7 62.1
148 64.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.925 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 1227
Ion Ratio Lower Upper
75 100
155 84.4 41.9 125.6
157 100.9 52.5 157.6

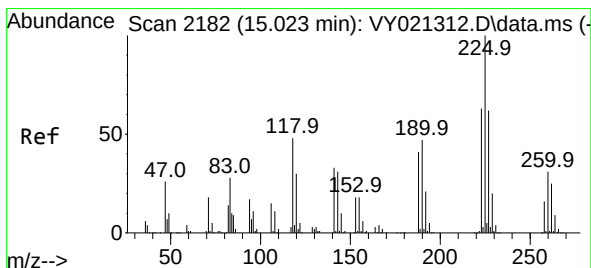
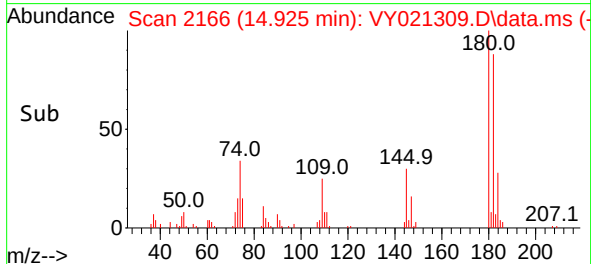
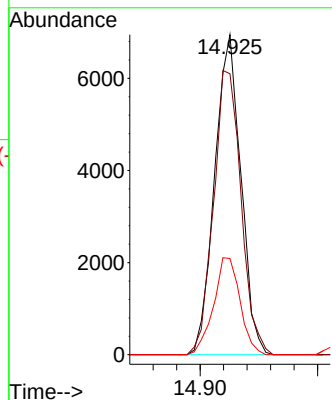
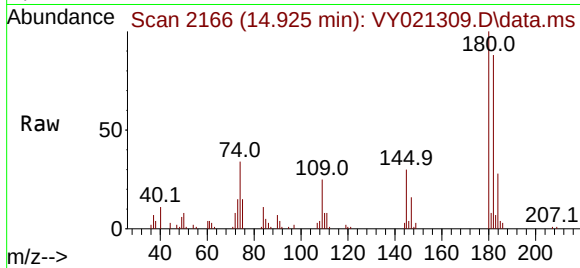




#93
1,2,4-Trichlorobenzene
Concen: 4.901 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

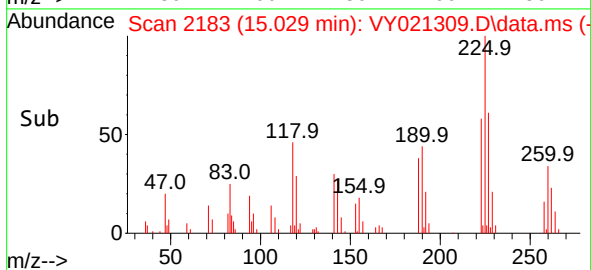
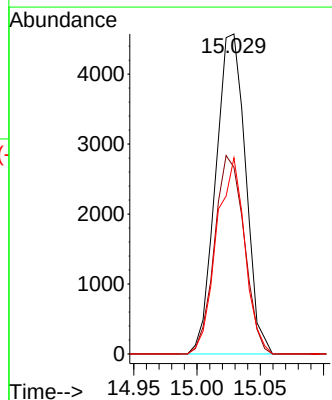
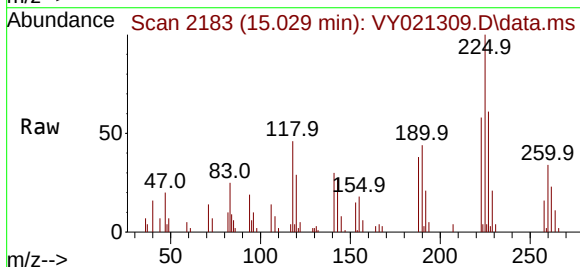
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

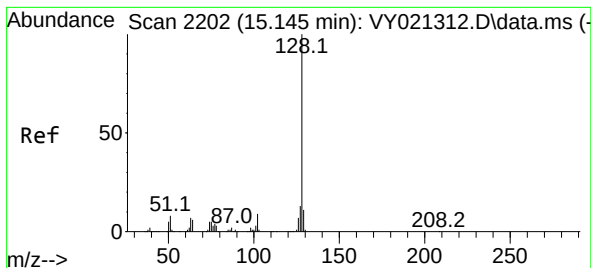
Tgt Ion:180 Resp: 10759
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.7
145 30.7 15.6 46.8



#94
Hexachlorobutadiene
Concen: 5.434 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:225 Resp: 7510
Ion Ratio Lower Upper
225 100
223 61.6 31.8 95.4
227 58.3 31.9 95.7





#95

Naphthalene

Concen: 4.078 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

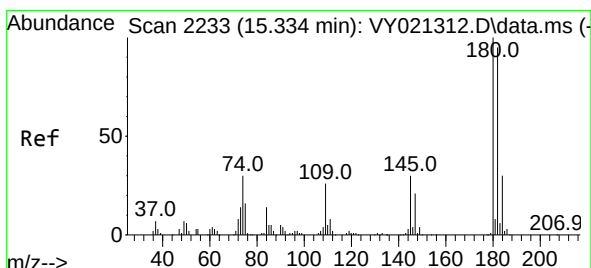
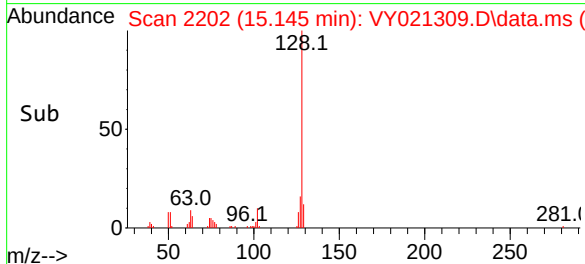
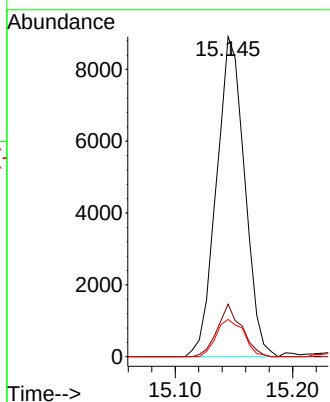
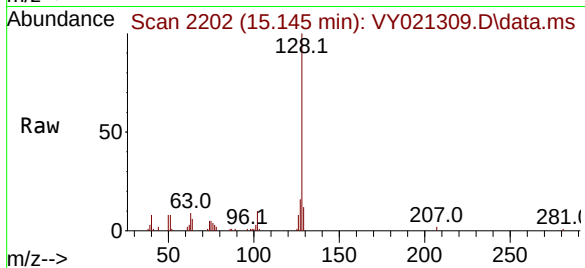
Tgt Ion:128 Resp: 14829

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

129 11.5 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 4.746 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion:180 Resp: 8804

Ion Ratio Lower Upper

180 100

182 97.2 48.3 144.9

145 33.8 16.1 48.3

