

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031734.D
 Acq On : 30 Jun 2025 12:55
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 01 02:21:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	218767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	399414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	342661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	450859	143.606	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 287.220%#	
35) Dibromofluoromethane	7.898	113	374365	143.636	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 287.280%#	
50) Toluene-d8	10.325	98	1429859	147.419	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 294.840%#	
62) 4-Bromofluorobenzene	12.617	95	519559	145.561	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 291.120%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	230089	154.434	ug/l	100
3) Chloromethane	2.259	50	286265	159.372	ug/l	100
4) Vinyl Chloride	2.405	62	358412	151.812	ug/l	97
5) Bromomethane	2.814	94	274101	148.641	ug/l	97
6) Chloroethane	2.966	64	244261	152.312	ug/l	99
7) Trichlorofluoromethane	3.301	101	358255	167.089	ug/l	96
8) Diethyl Ether	3.716	74	223268	137.038	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	347651	146.081	ug/l	98
10) Methyl Iodide	4.301	142	539018	146.918	ug/l	100
11) Tert butyl alcohol	5.222	59	146727	754.362	ug/l	97
12) 1,1-Dichloroethene	4.070	96	386108	148.119	ug/l	95
13) Acrolein	3.929	56	257205	735.736	ug/l	96
14) Allyl chloride	4.704	41	619915	154.996	ug/l	98
15) Acrylonitrile	5.399	53	594796	742.391	ug/l	99
16) Acetone	4.155	43	473412	606.303	ug/l	99
17) Carbon Disulfide	4.417	76	1071989	153.680	ug/l	98
18) Methyl Acetate	4.704	43	318399	143.565	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	648742	146.627	ug/l	98
20) Methylene Chloride	4.954	84	411070	150.156	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	412998	149.107	ug/l	97
22) Diisopropyl ether	6.337	45	1161324	148.881	ug/l	98
23) Vinyl Acetate	6.283	43	4186413	785.745	ug/l	100
24) 1,1-Dichloroethane	6.246	63	756841	149.658	ug/l	99
25) 2-Butanone	7.191	43	776184	768.838	ug/l	98
26) 2,2-Dichloropropane	7.191	77	441320	149.570	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	485495	152.485	ug/l	99
28) Bromochloromethane	7.532	49	321043	143.858	ug/l	97
29) Tetrahydrofuran	7.551	42	517793	748.936	ug/l	99
30) Chloroform	7.691	83	792676	147.511	ug/l	97
31) Cyclohexane	7.971	56	643550	143.962	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	629664	152.050	ug/l	99
36) 1,1-Dichloropropene	8.093	75	559803	148.429	ug/l	99
37) Ethyl Acetate	7.270	43	341691	143.618	ug/l	100
38) Carbon Tetrachloride	8.087	117	580610	151.072	ug/l	97
39) Methylcyclohexane	9.343	83	741380	157.996	ug/l	99
40) Benzene	8.337	78	1642494	147.198	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031734.D
 Acq On : 30 Jun 2025 12:55
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 01 02:21:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:17:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	199650	156.650	ug/l	99
42) 1,2-Dichloroethane	8.410	62	533792	141.578	ug/l	99
43) Isopropyl Acetate	8.435	43	631057	153.874	ug/l	100
44) Trichloroethene	9.099	130	424322	152.358	ug/l	99
45) 1,2-Dichloropropane	9.373	63	390006	144.616	ug/l	98
46) Dibromomethane	9.465	93	251060	144.196	ug/l	99
47) Bromodichloromethane	9.648	83	610837	149.611	ug/l	99
48) Methyl methacrylate	9.441	41	306797	152.139	ug/l	99
49) 1,4-Dioxane	9.459	88	57850	3121.017	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	1721097	729.963	ug/l	99
52) Toluene	10.392	92	1076709	150.709	ug/l	95
53) t-1,3-Dichloropropene	10.605	75	598943	156.353	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	670647	154.433	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	326894	143.331	ug/l	97
56) Ethyl methacrylate	10.648	69	490690	158.587	ug/l	99
57) 1,3-Dichloropropane	10.934	76	570666	142.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	1297023	761.261	ug/l	100
59) 2-Hexanone	10.971	43	1192007	746.062	ug/l	99
60) Dibromochloromethane	11.129	129	413333	151.554	ug/l	98
61) 1,2-Dibromoethane	11.233	107	336847	147.535	ug/l	98
64) Tetrachloroethene	10.867	164	353130	157.549	ug/l	92
65) Chlorobenzene	11.660	112	1150958	152.237	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	375280	155.768	ug/l	99
67) Ethyl Benzene	11.733	91	2044338	155.940	ug/l	94
68) m/p-Xylenes	11.836	106	1571204	311.770	ug/l	98
69) o-Xylene	12.166	106	743731	159.389	ug/l	99
70) Styrene	12.178	104	1266593	157.015	ug/l	99
71) Bromoform	12.349	173	229439	159.639	ug/l #	98
73) Isopropylbenzene	12.464	105	1956819	162.971	ug/l	99
74) N-amyl acetate	12.269	43	535843	165.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	403490	151.363	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	535167	262.349	ug/l	40
77) Bromobenzene	12.745	156	427085	159.479	ug/l	88
78) n-propylbenzene	12.800	91	2324539	161.670	ug/l	100
79) 2-Chlorotoluene	12.891	91	1366267	157.800	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1593533	160.332	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	146143	166.866	ug/l	98
82) 4-Chlorotoluene	12.989	91	1410360	155.153	ug/l	98
83) tert-Butylbenzene	13.202	119	1418313	166.594	ug/l	96
84) 1,2,4-Trimethylbenzene	13.251	105	1609766	159.853	ug/l	99
85) sec-Butylbenzene	13.379	105	2077110	162.545	ug/l	99
86) p-Isopropyltoluene	13.495	119	1725089	163.804	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	815863	151.913	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	826448	150.344	ug/l	96
89) n-Butylbenzene	13.818	91	1662481	162.473	ug/l	99
90) Hexachloroethane	14.092	117	319664	168.248	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	740320	150.818	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	82484	158.471	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	486869	160.827	ug/l	97
94) Hexachlorobutadiene	15.226	225	231652	158.470	ug/l	93
95) Naphthalene	15.360	128	1256199	169.258	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	438342	157.584	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
Data File : VW031734.D
Acq On : 30 Jun 2025 12:55
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Jul 01 02:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

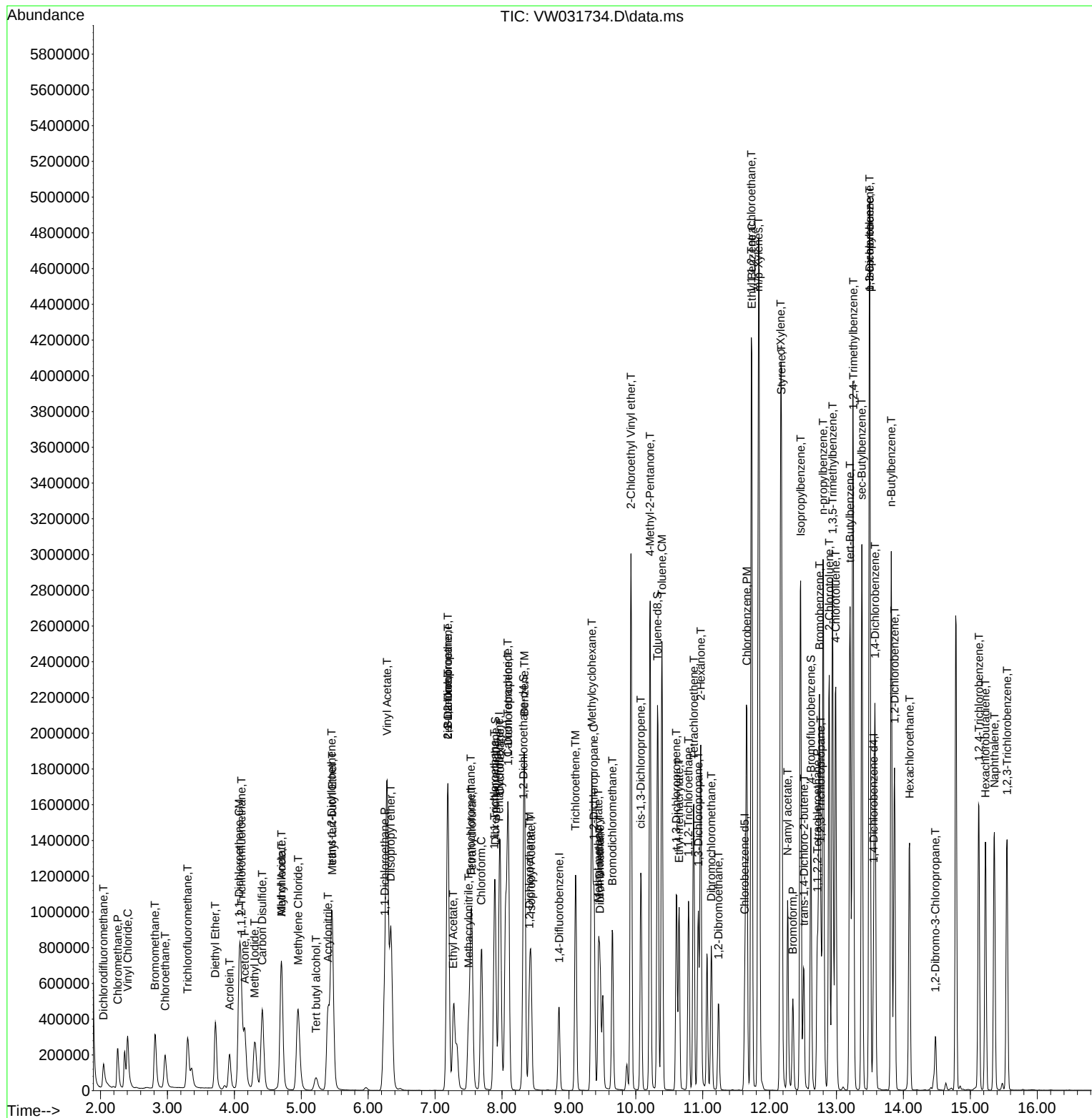
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

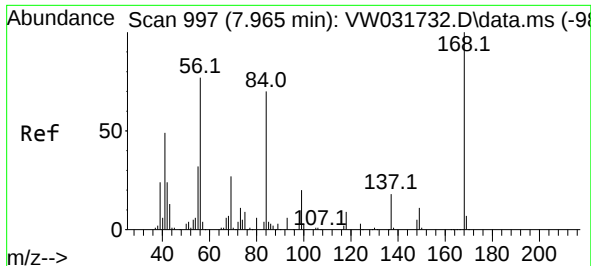
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031734.D
 Acq On : 30 Jun 2025 12:55
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Quant Time: Jul 01 02:21:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:17:14 2025
 Response via : Initial Calibration

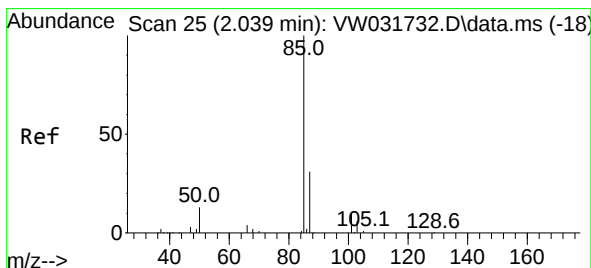
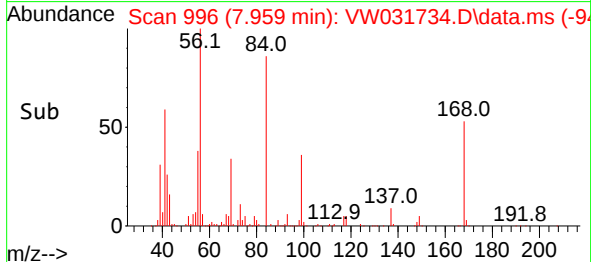
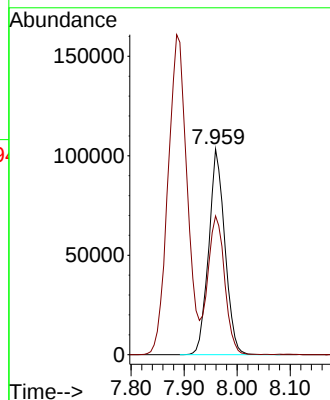
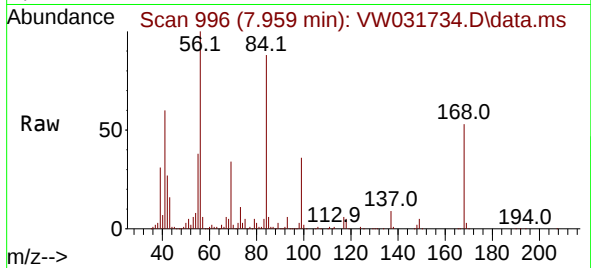




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

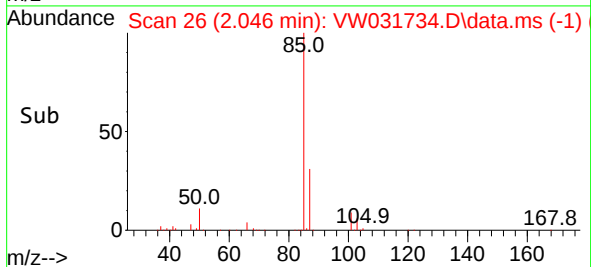
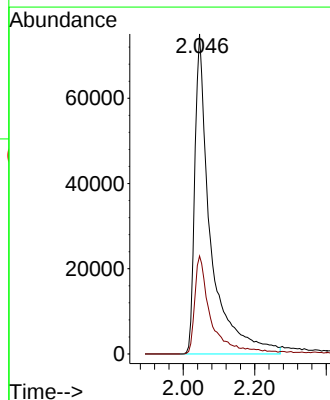
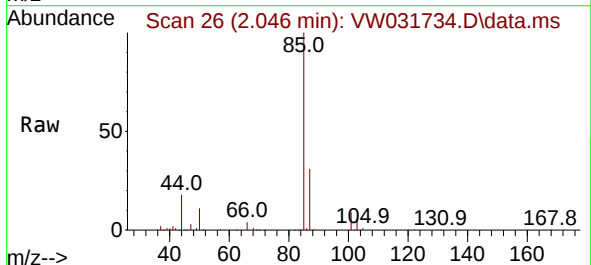
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

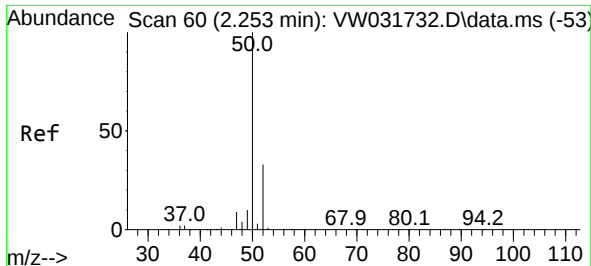
Tgt Ion:168 Resp: 218767
Ion Ratio Lower Upper
168 100
99 67.2 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 154.434 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 85 Resp: 230089
Ion Ratio Lower Upper
85 100
87 30.6 15.4 46.2

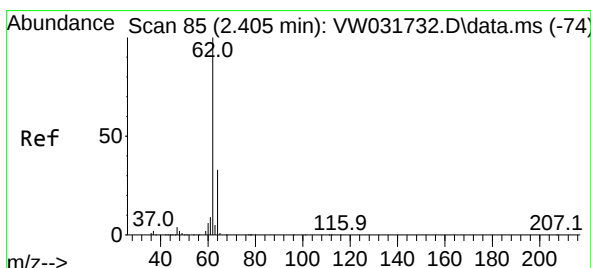
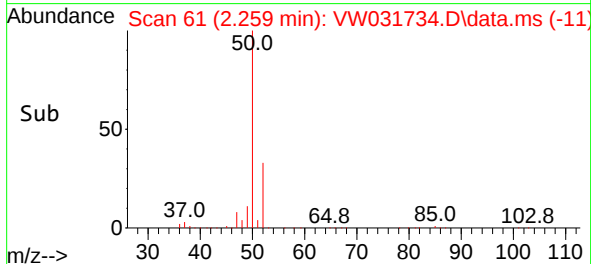
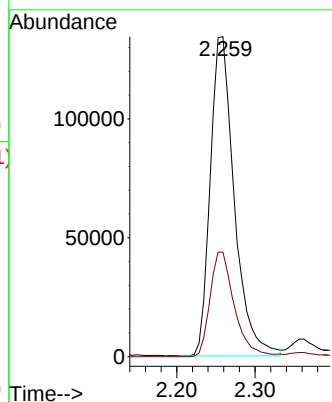
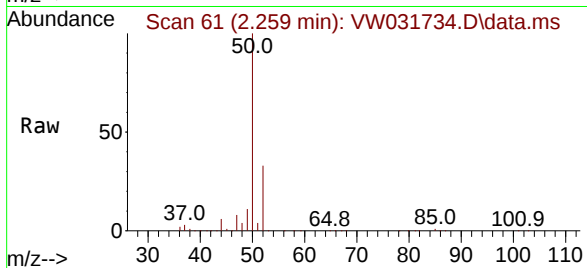




#3
Chloromethane
Concen: 159.372 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

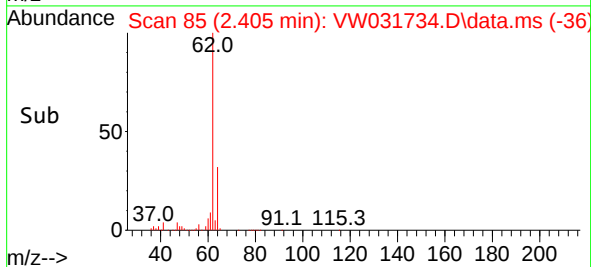
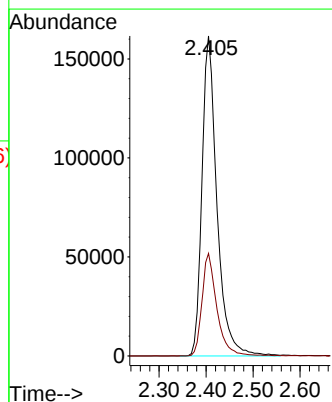
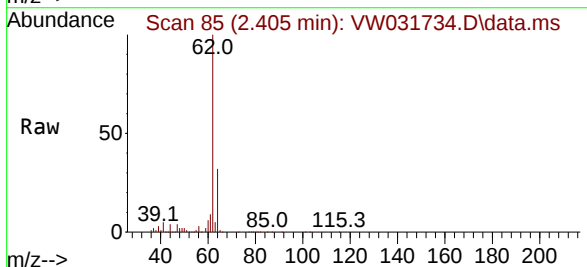
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

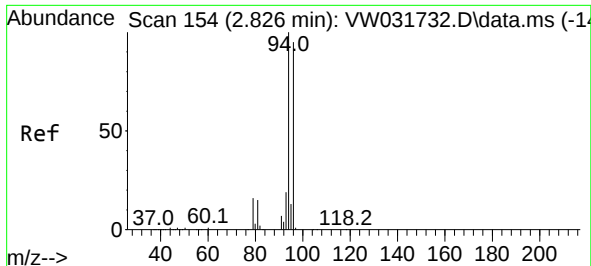
Tgt Ion: 50 Resp: 286265
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 151.812 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 62 Resp: 358412
Ion Ratio Lower Upper
62 100
64 32.0 26.8 40.2

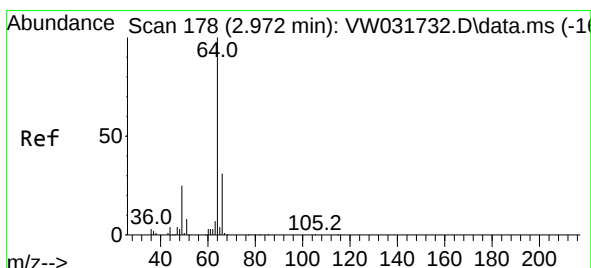
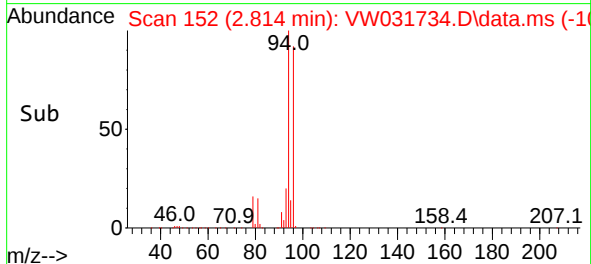
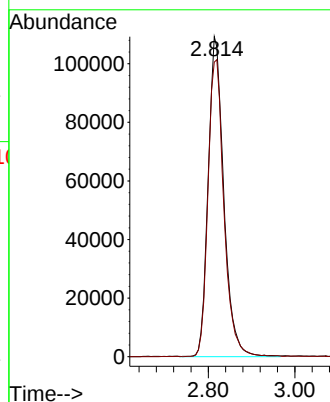
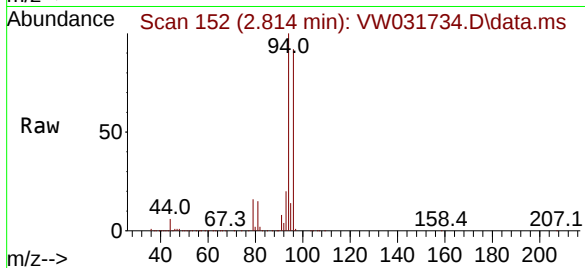




#5
Bromomethane
Concen: 148.641 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

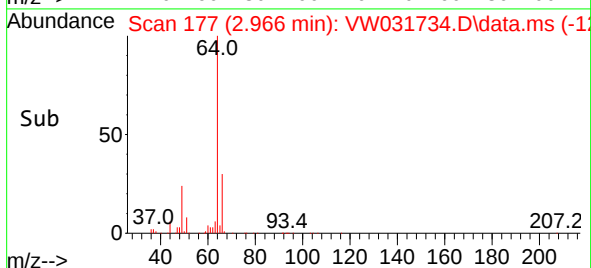
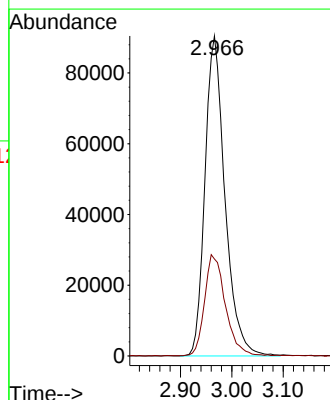
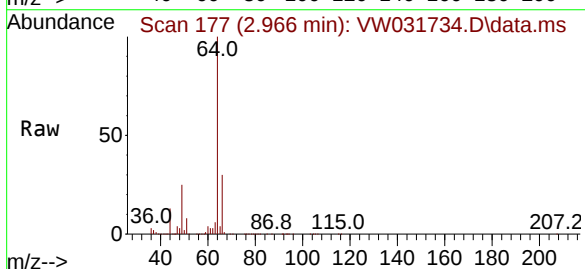
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

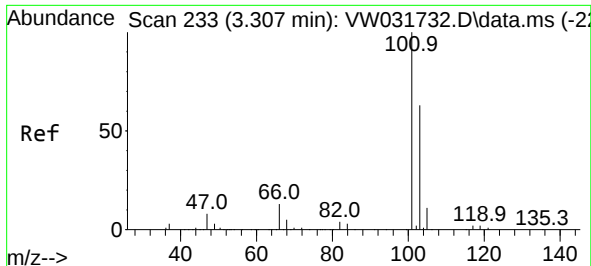
Tgt Ion: 94 Resp: 274101
Ion Ratio Lower Upper
94 100
96 92.0 75.6 113.4



#6
Chloroethane
Concen: 152.312 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 64 Resp: 244261
Ion Ratio Lower Upper
64 100
66 30.2 24.5 36.7

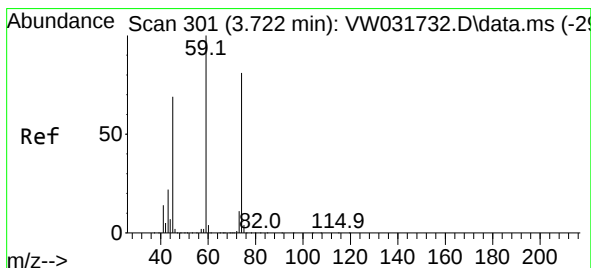
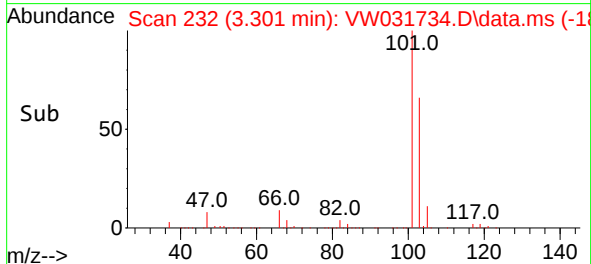
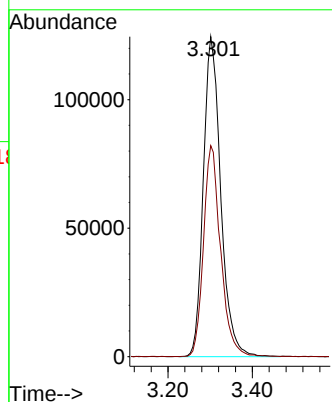
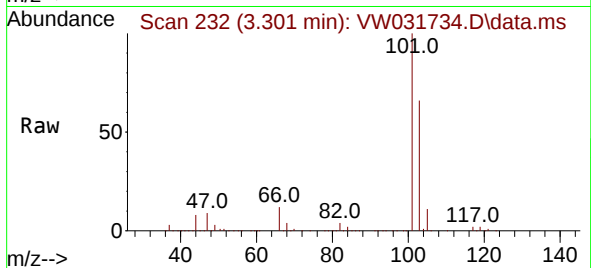




#7
 Trichlorofluoromethane
 Concen: 167.089 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

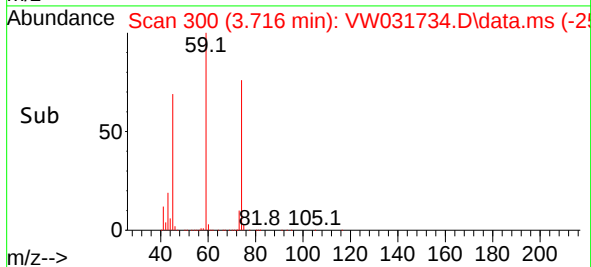
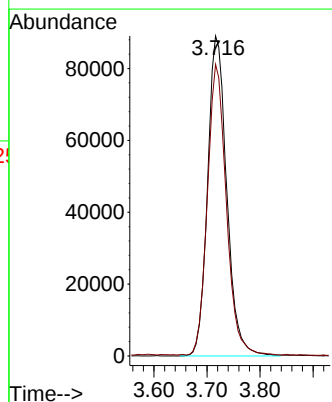
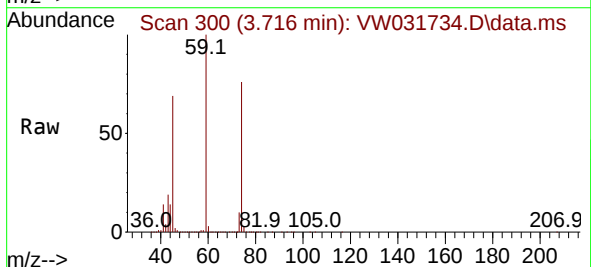
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

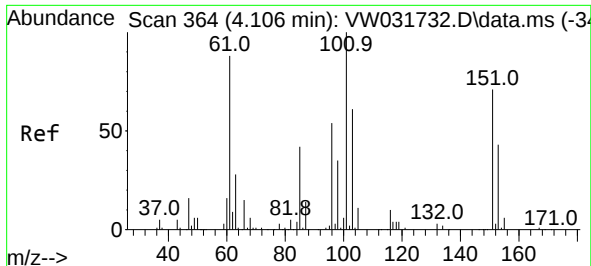
Tgt Ion:101 Resp: 358255
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.2 75.4



#8
 Diethyl Ether
 Concen: 137.038 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

Tgt Ion: 74 Resp: 223268
 Ion Ratio Lower Upper
 74 100
 45 89.9 43.9 131.7

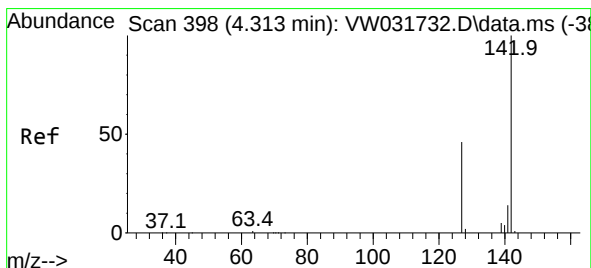
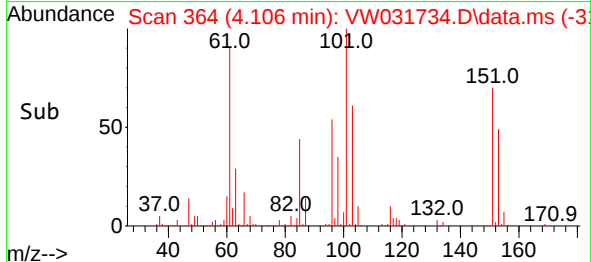
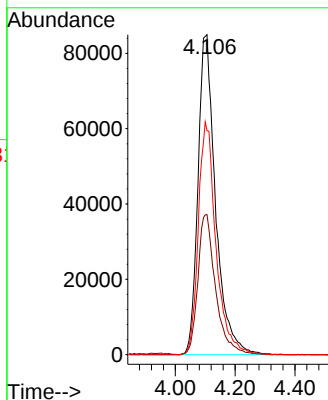
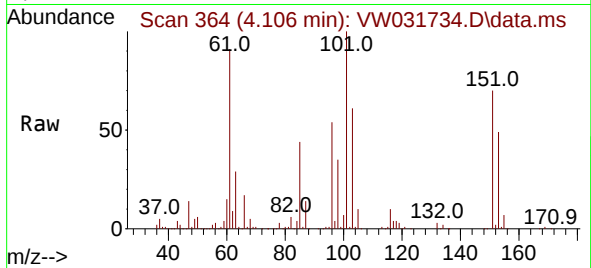




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 146.081 ug/l
 RT: 4.106 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

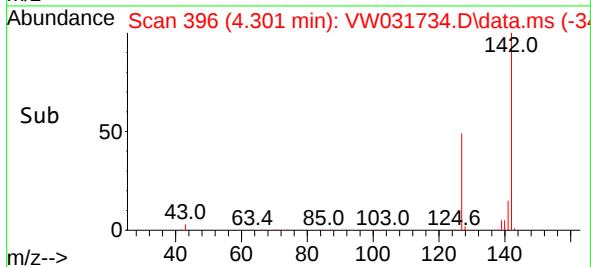
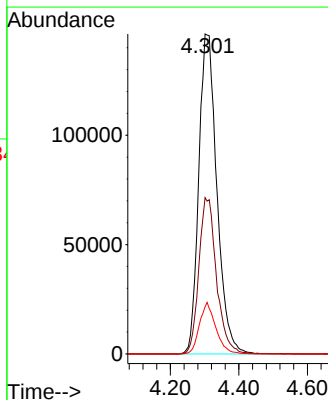
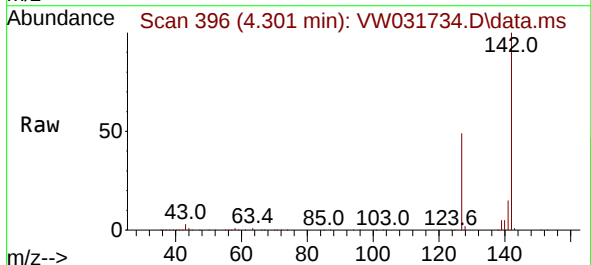
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

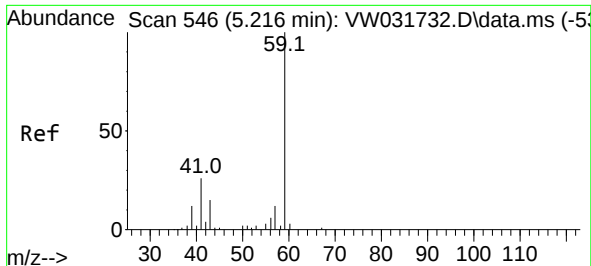
Tgt Ion:101 Resp: 347651
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.6 53.4
 151 72.9 56.8 85.2



#10
 Methyl Iodide
 Concen: 146.918 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.012 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

Tgt Ion:142 Resp: 539018
 Ion Ratio Lower Upper
 142 100
 127 47.5 37.9 56.9
 141 14.6 11.7 17.5

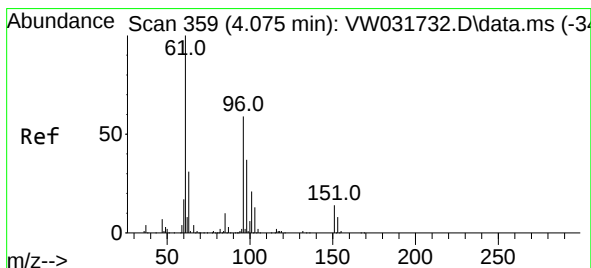
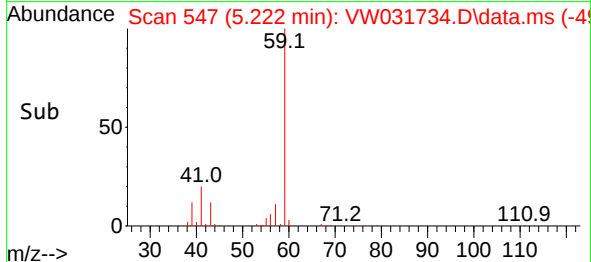
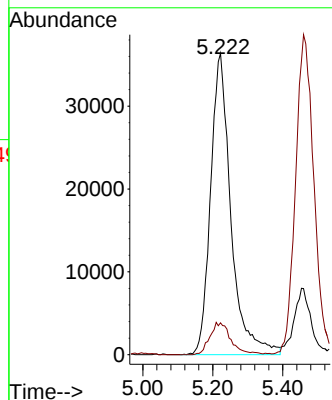
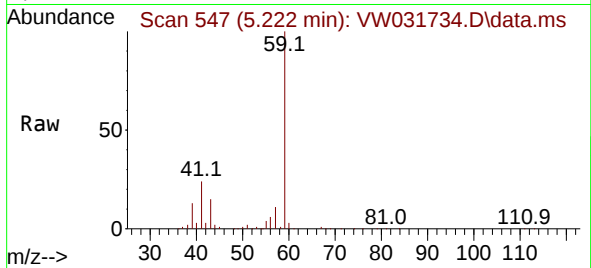




#11
Tert butyl alcohol
Concen: 754.362 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

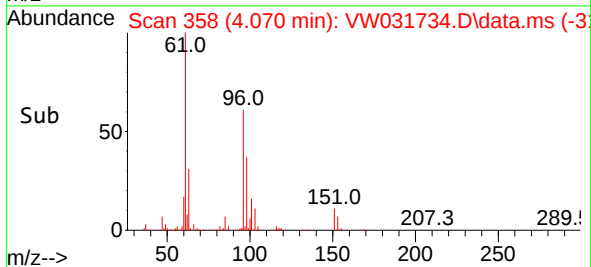
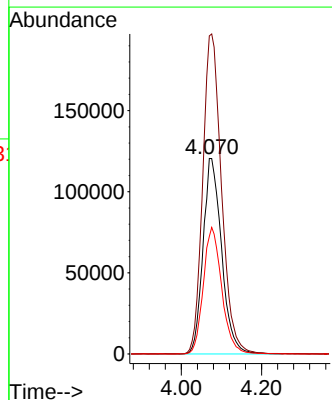
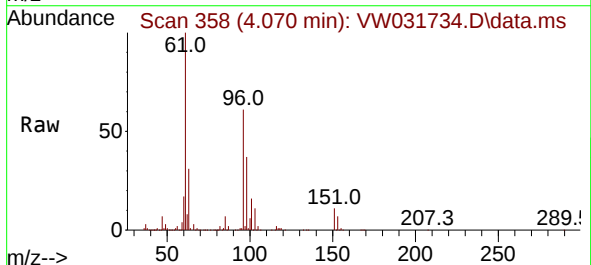
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

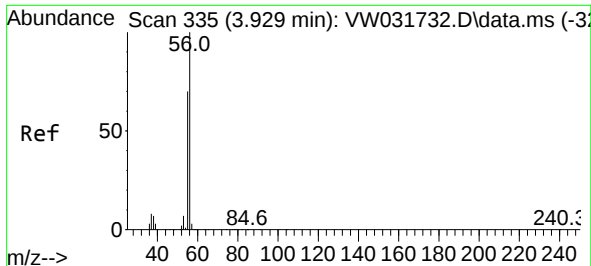
Tgt Ion: 59 Resp: 146727
Ion Ratio Lower Upper
59 100
57 10.7 9.5 14.3



#12
1,1-Dichloroethene
Concen: 148.119 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 96 Resp: 386108
Ion Ratio Lower Upper
96 100
61 162.8 135.8 203.8
98 60.0 50.4 75.6

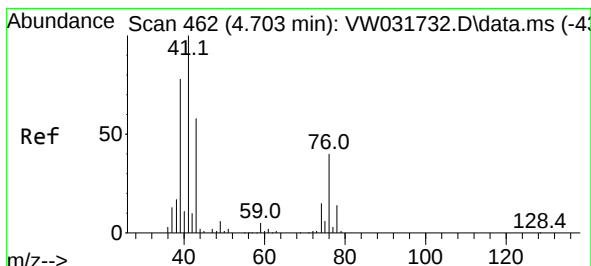
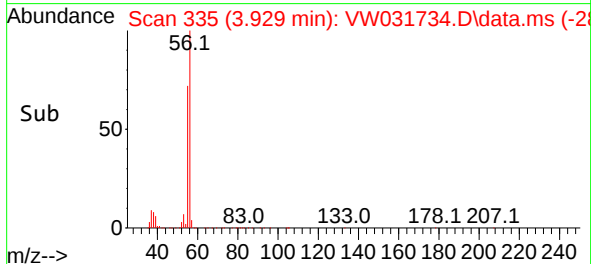
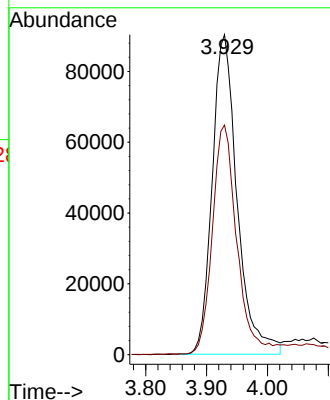
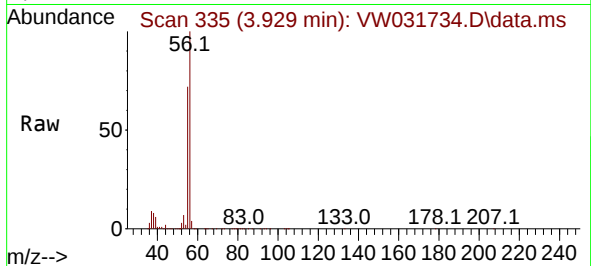




#13
Acrolein
Concen: 735.736 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

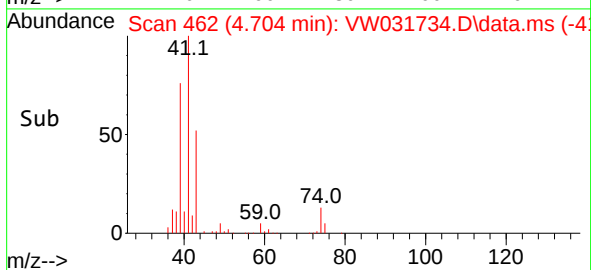
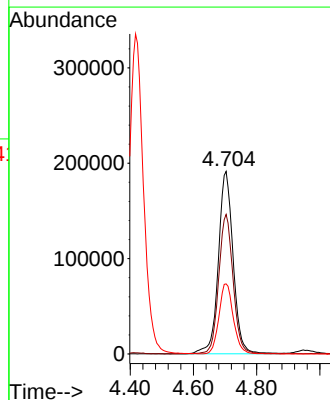
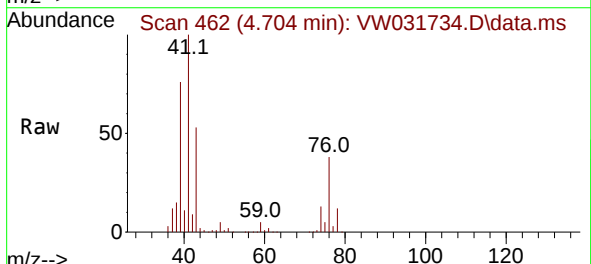
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

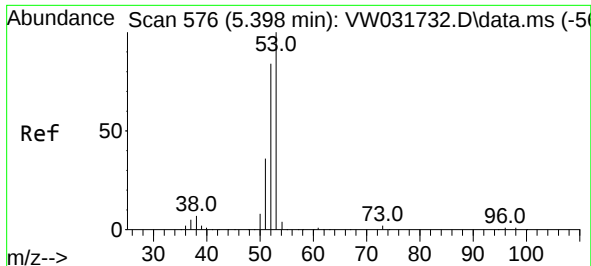
Tgt Ion: 56 Resp: 257205
Ion Ratio Lower Upper
56 100
55 70.6 54.0 81.0



#14
Allyl chloride
Concen: 154.996 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 41 Resp: 619915
Ion Ratio Lower Upper
41 100
39 74.3 60.7 91.1
76 37.2 30.3 45.5

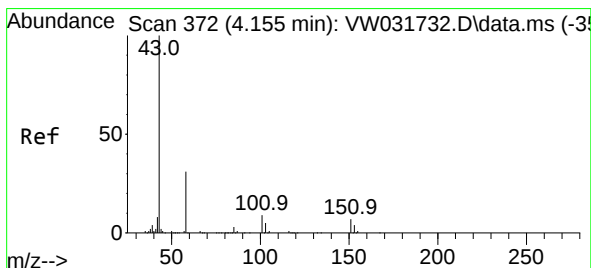
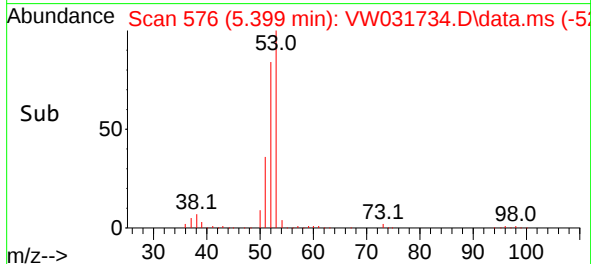
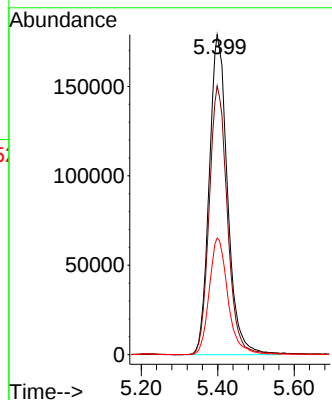
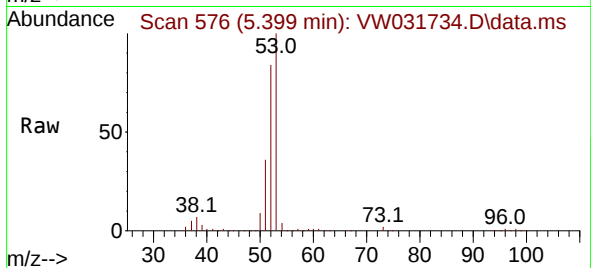




#15
Acrylonitrile
Concen: 742.391 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

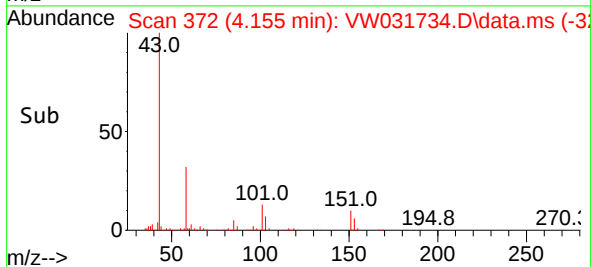
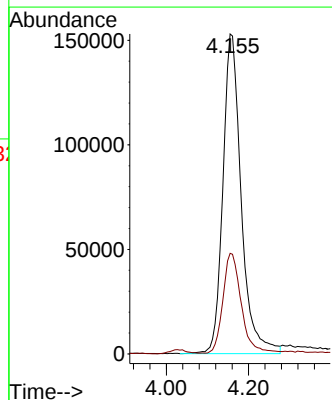
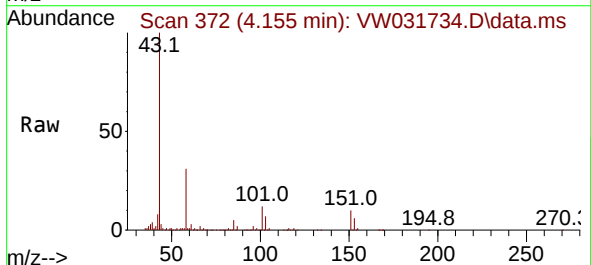
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

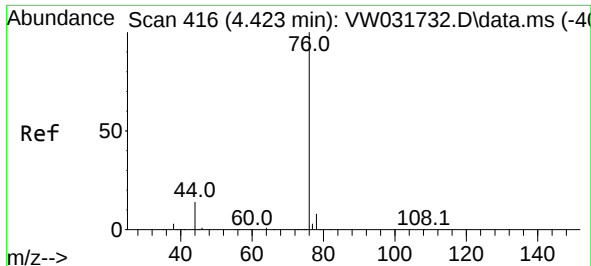
Tgt Ion: 53 Resp: 594796
Ion Ratio Lower Upper
53 100
52 83.9 66.4 99.6
51 37.2 29.9 44.9



#16
Acetone
Concen: 606.303 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 43 Resp: 473412
Ion Ratio Lower Upper
43 100
58 30.7 24.8 37.2

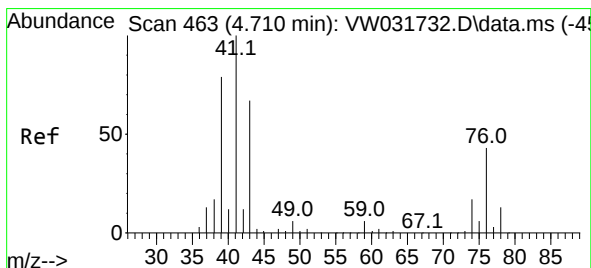
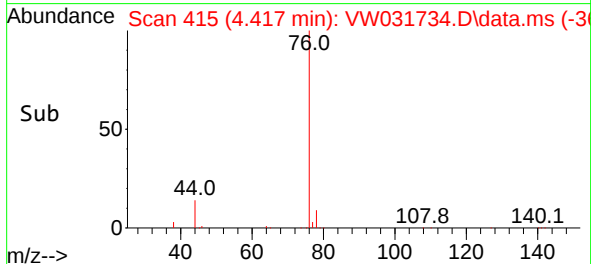
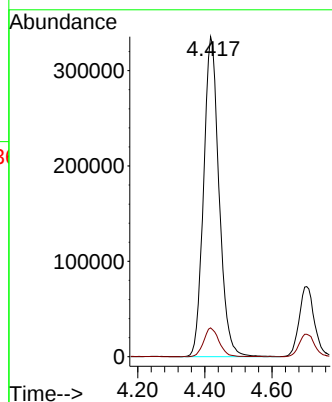
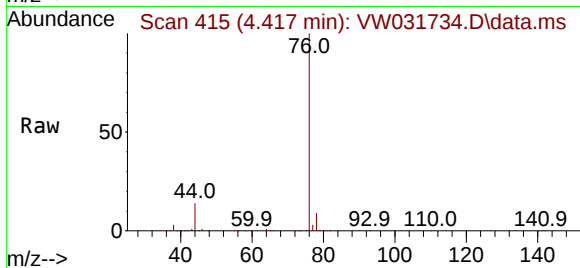




#17
Carbon Disulfide
Concen: 153.680 ug/l
RT: 4.417 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

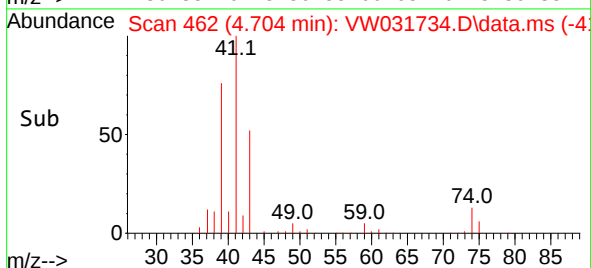
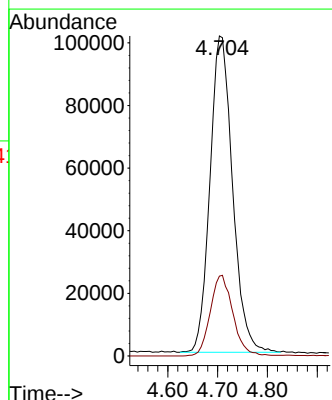
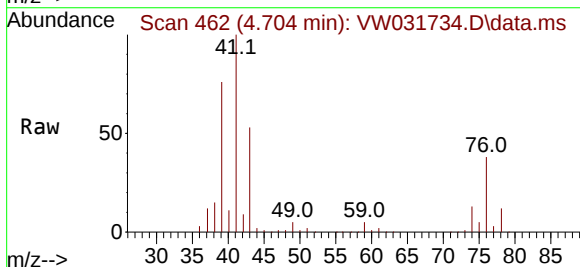
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

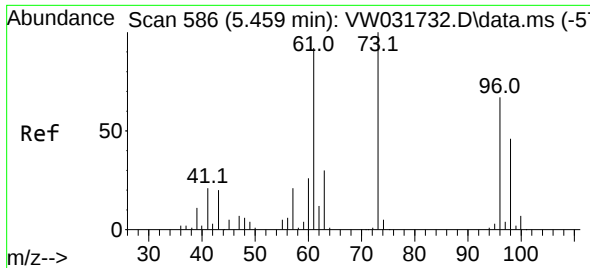
Tgt Ion: 76 Resp: 1071989
Ion Ratio Lower Upper
76 100
78 9.0 6.6 10.0



#18
Methyl Acetate
Concen: 143.565 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 43 Resp: 318399
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8

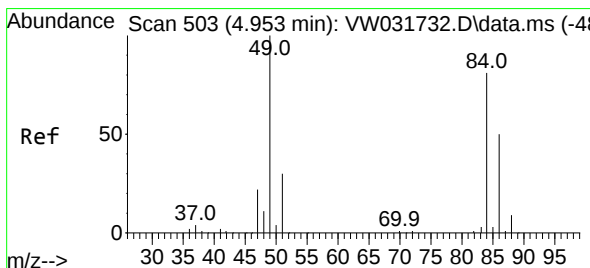
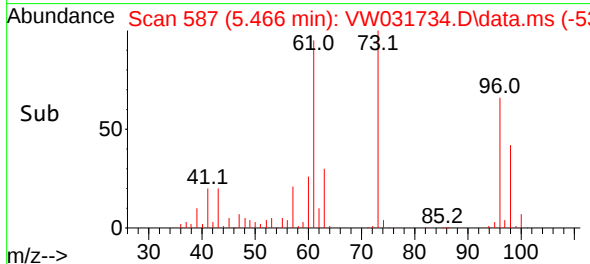
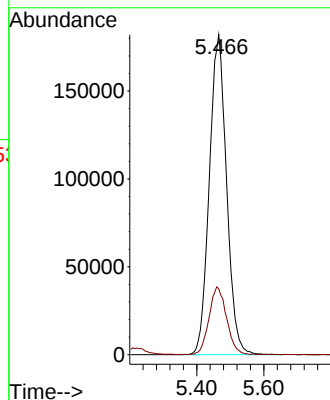
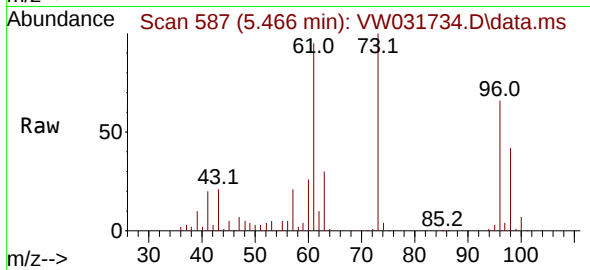




#19
Methyl tert-butyl Ether
Concen: 146.627 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

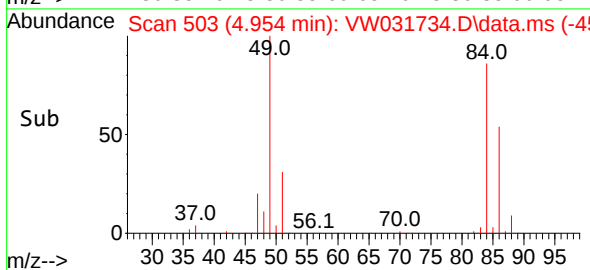
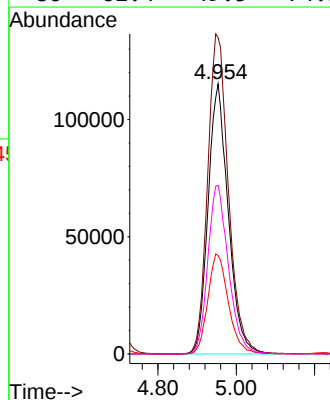
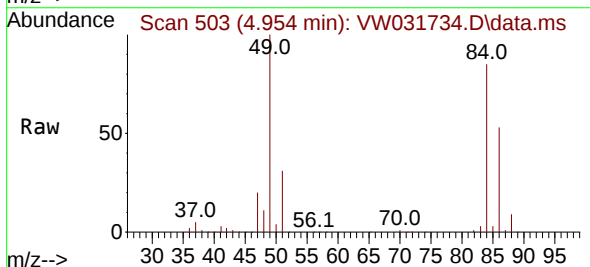
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

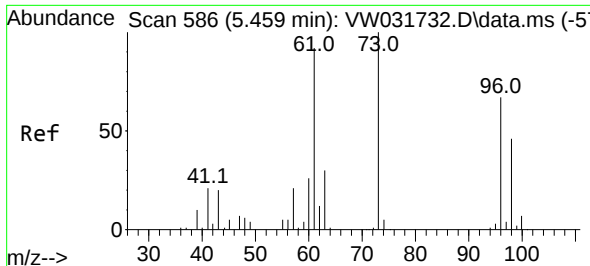
Tgt Ion: 73 Resp: 648742
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8



#20
Methylene Chloride
Concen: 150.156 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 84 Resp: 411070
Ion Ratio Lower Upper
84 100
49 117.1 98.2 147.4
51 36.5 29.8 44.8
86 62.4 49.5 74.3

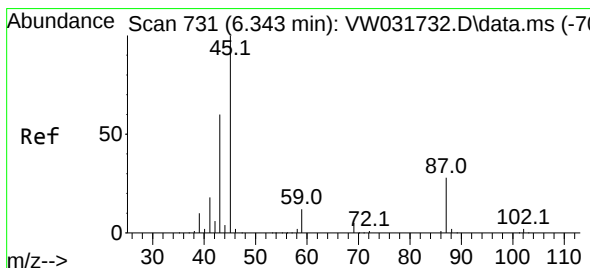
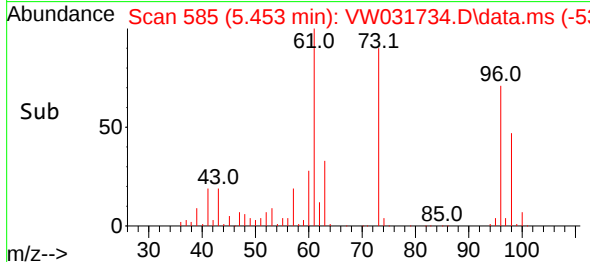
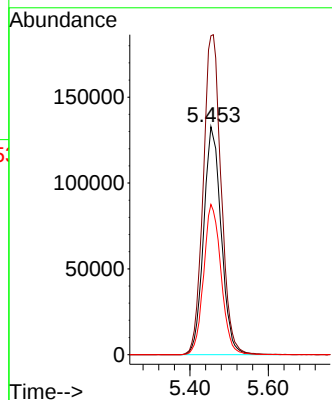
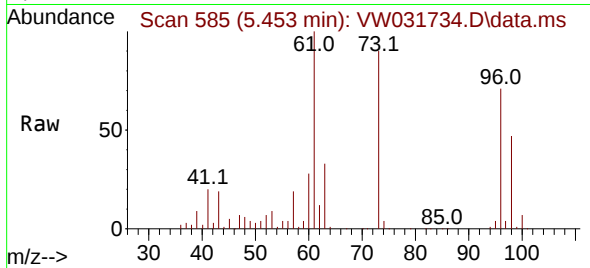




#21
trans-1,2-Dichloroethene
Concen: 149.107 ug/l
RT: 5.453 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

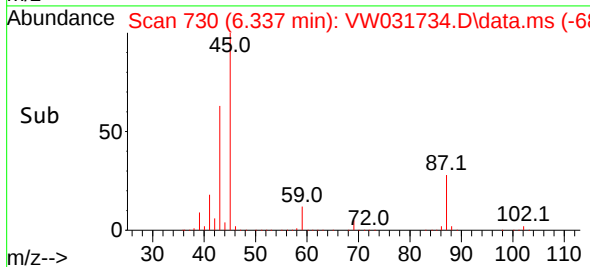
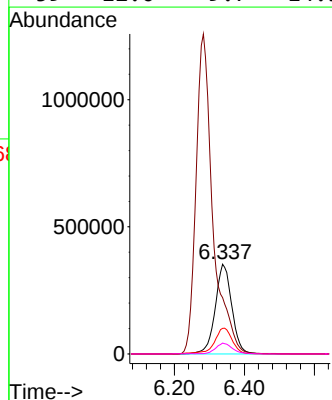
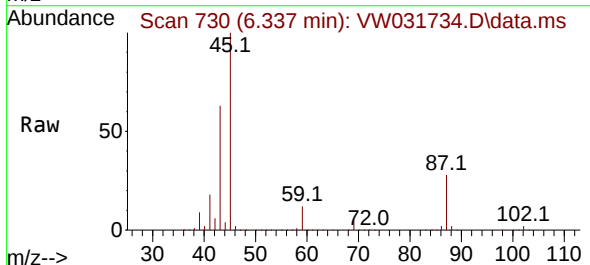
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

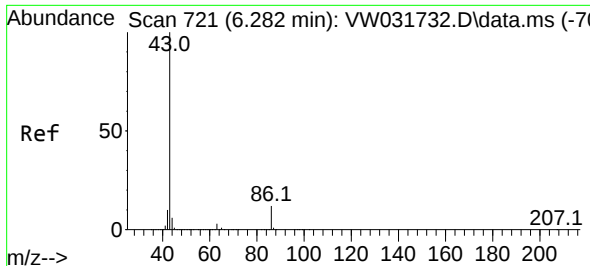
Tgt Ion: 96 Resp: 412998
Ion Ratio Lower Upper
96 100
61 139.9 109.8 164.6
98 65.9 54.9 82.3



#22
Diisopropyl ether
Concen: 148.881 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 45 Resp: 1161324
Ion Ratio Lower Upper
45 100
43 62.5 48.3 72.5
87 28.4 22.6 34.0
59 12.0 9.7 14.5

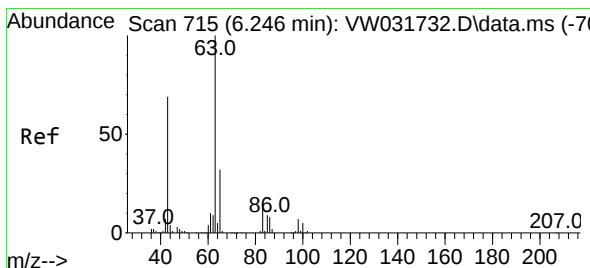
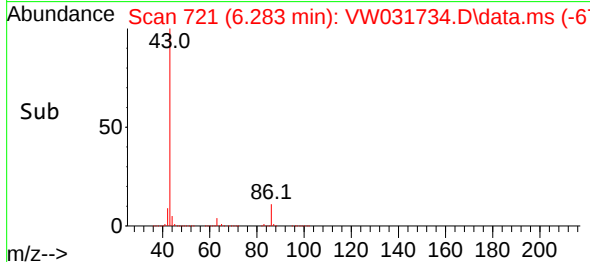
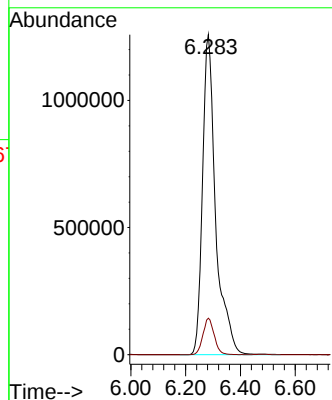
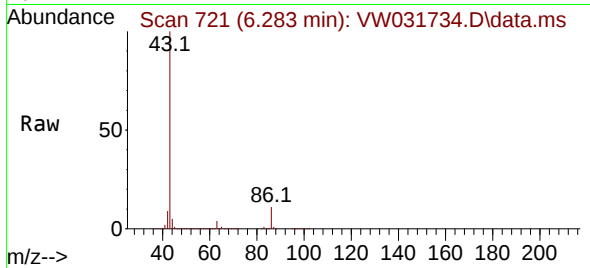




#23
 Vinyl Acetate
 Concen: 785.745 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

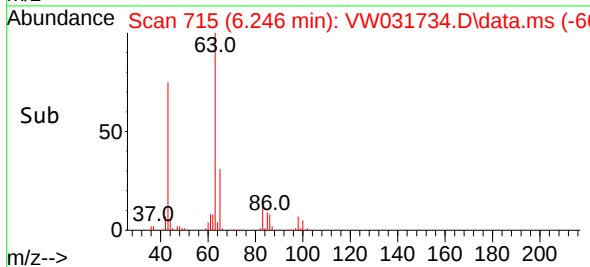
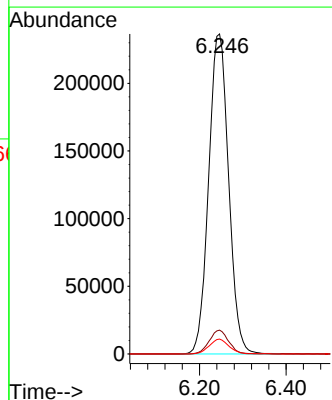
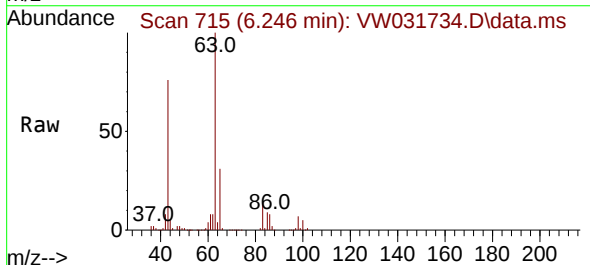
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

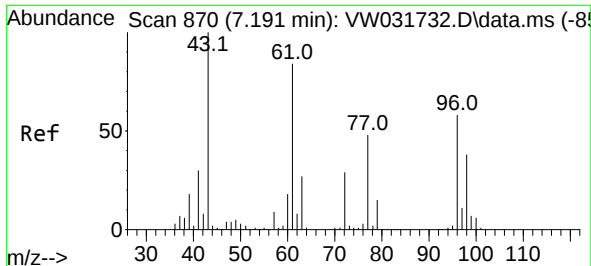
Tgt Ion: 43 Resp: 4186413
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 149.658 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

Tgt Ion: 63 Resp: 756841
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.6 2.5 7.5

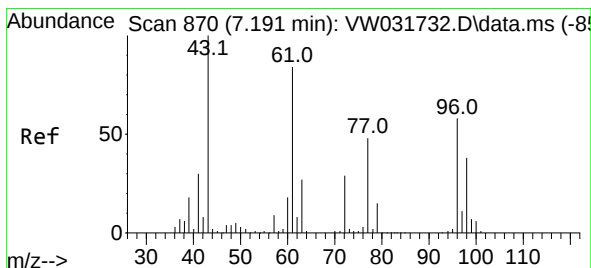
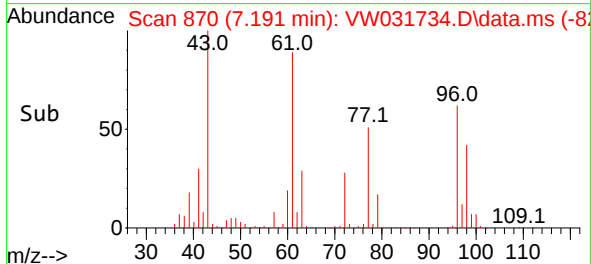
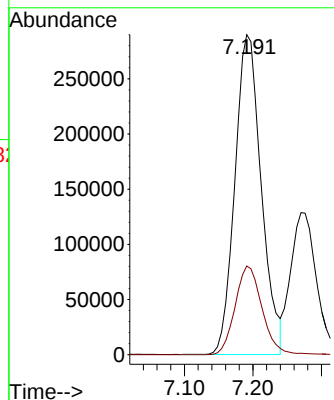
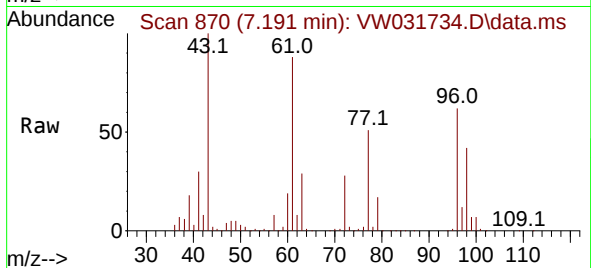




#25
2-Butanone
Concen: 768.838 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

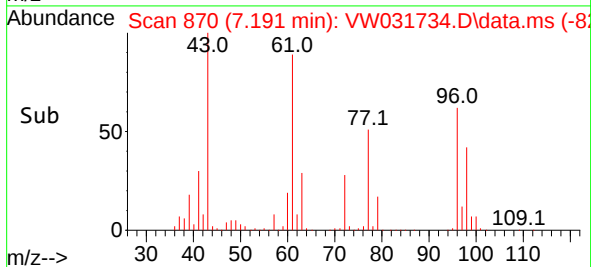
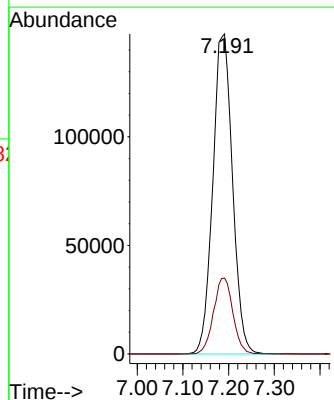
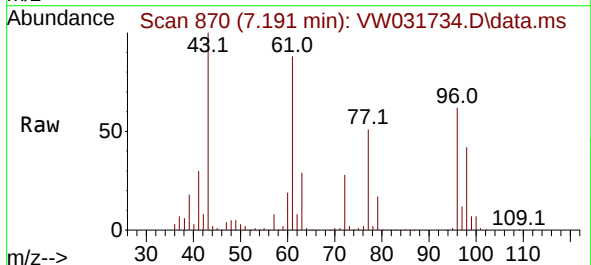
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

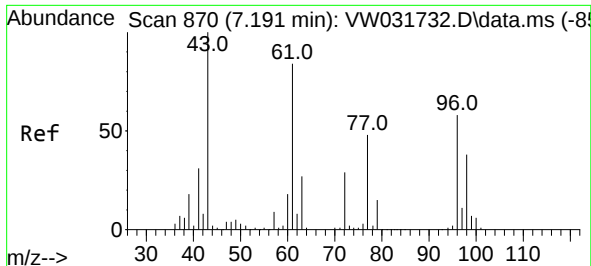
Tgt Ion: 43 Resp: 776184
Ion Ratio Lower Upper
43 100
72 27.7 23.0 34.6



#26
2,2-Dichloropropane
Concen: 149.570 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 77 Resp: 441320
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7

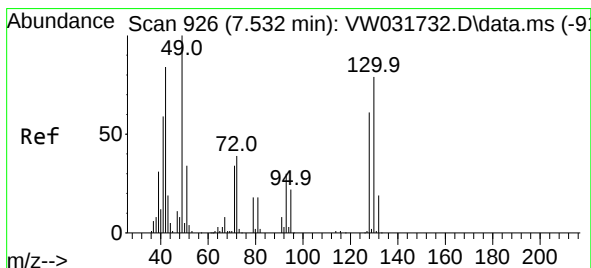
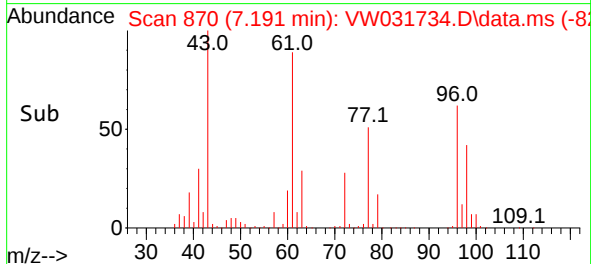
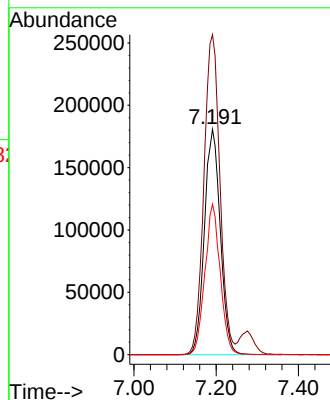
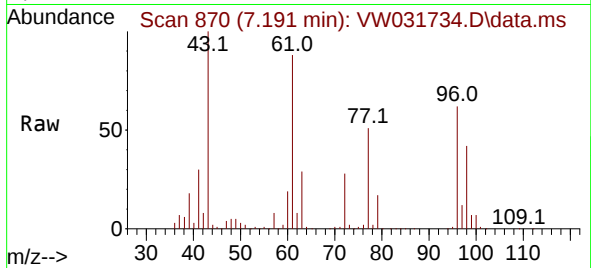




#27
 cis-1,2-Dichloroethene
 Concen: 152.485 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

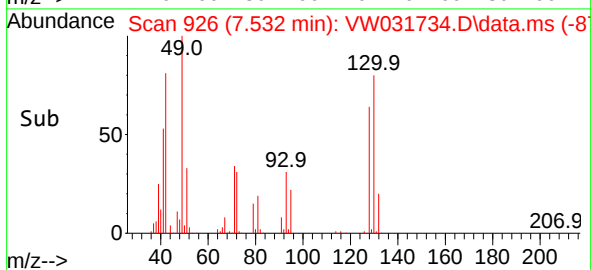
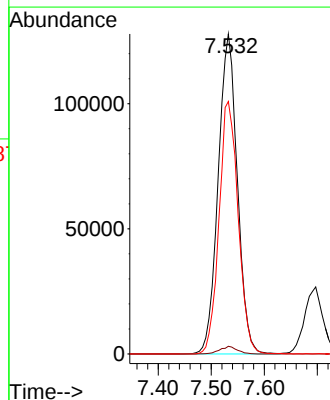
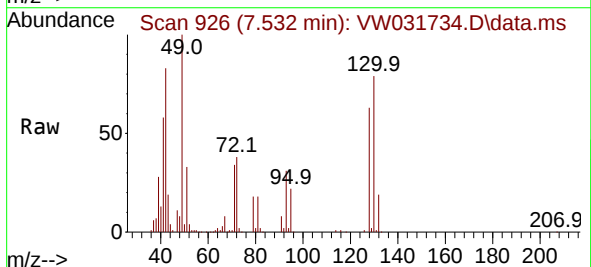
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

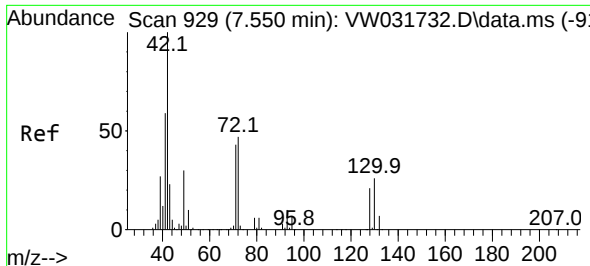
Tgt Ion: 96 Resp: 485495
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 286.8
 98 64.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 143.858 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

Tgt Ion: 49 Resp: 321043
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.4
 130 78.8 61.3 91.9

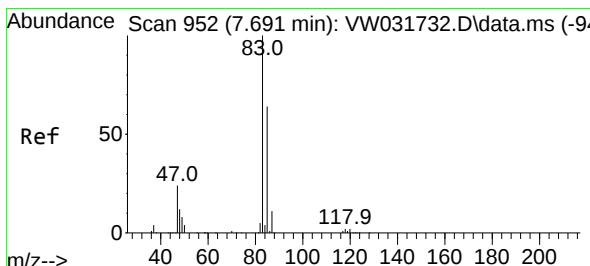
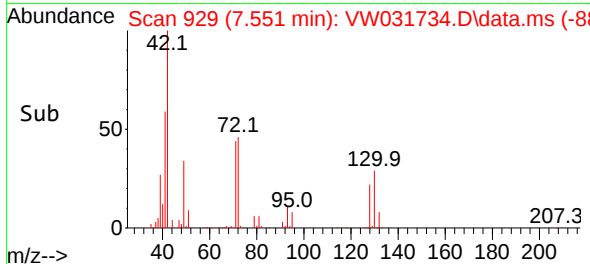
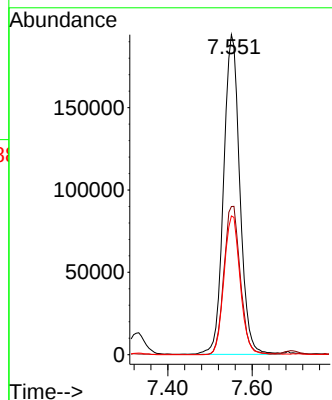
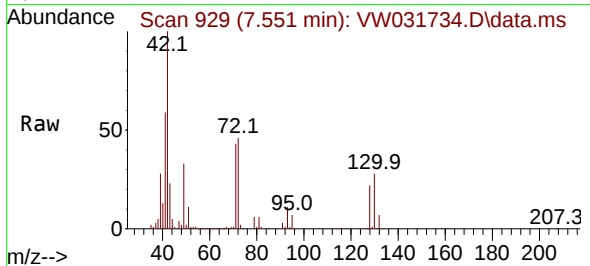




#29
Tetrahydrofuran
Concen: 748.936 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

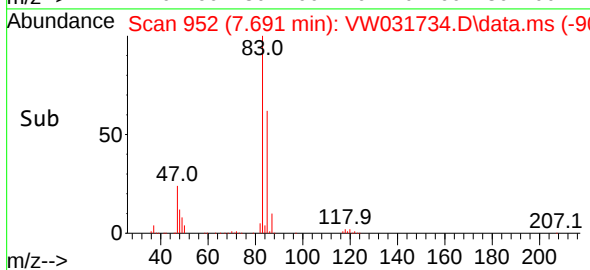
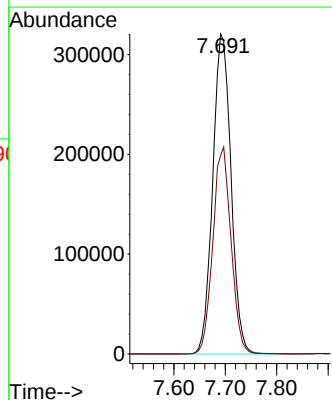
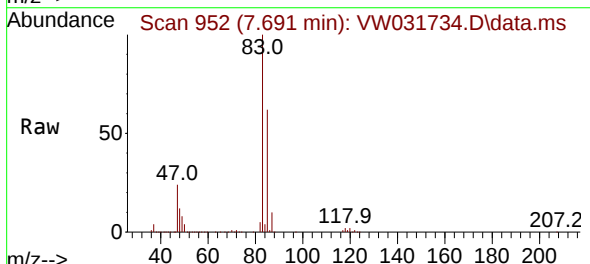
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

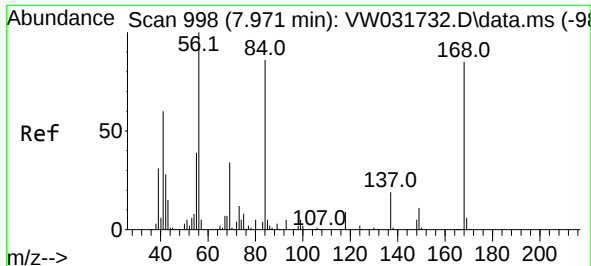
Tgt Ion: 42 Resp: 517793
Ion Ratio Lower Upper
42 100
72 46.7 36.8 55.2
71 43.3 34.6 52.0



#30
Chloroform
Concen: 147.511 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 83 Resp: 792676
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0

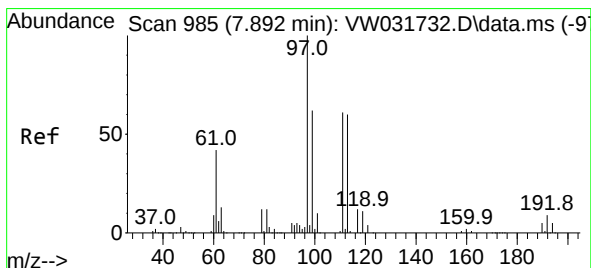
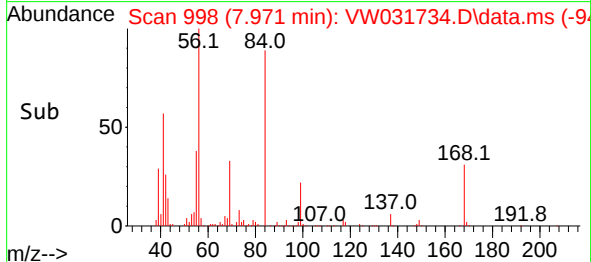
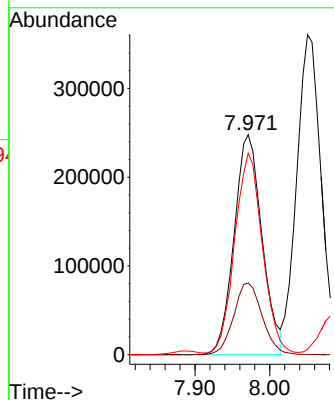
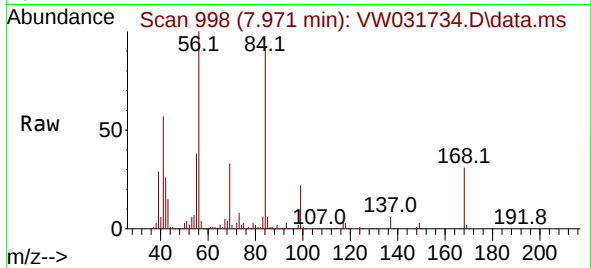




#31
Cyclohexane
Concen: 143.962 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

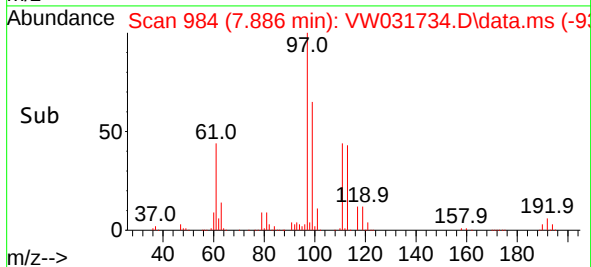
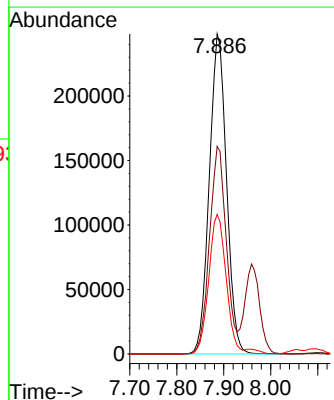
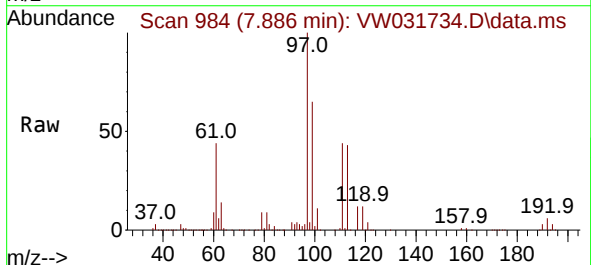
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

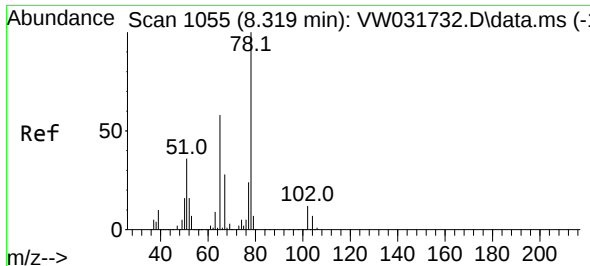
Tgt Ion: 56 Resp: 643550
Ion Ratio Lower Upper
56 100
69 32.6 27.2 40.8
84 90.0 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 152.050 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 97 Resp: 629664
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 43.9 36.0 54.0

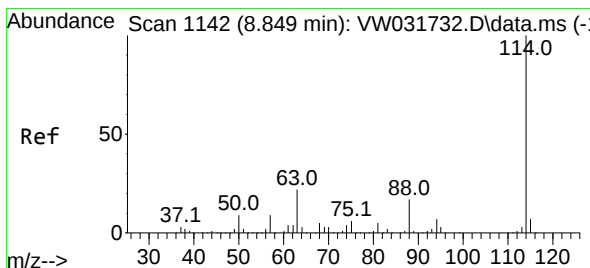
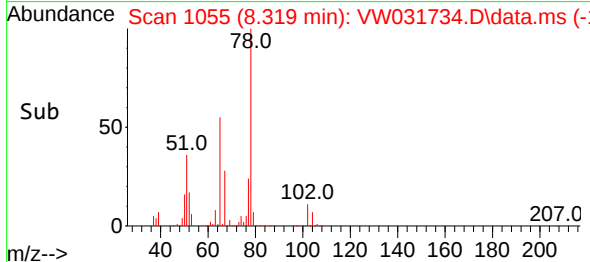
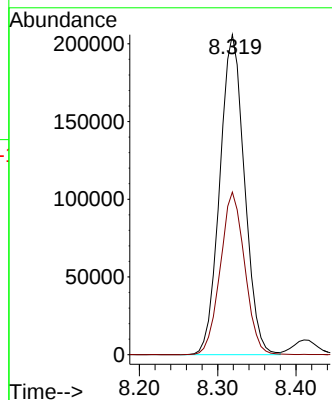
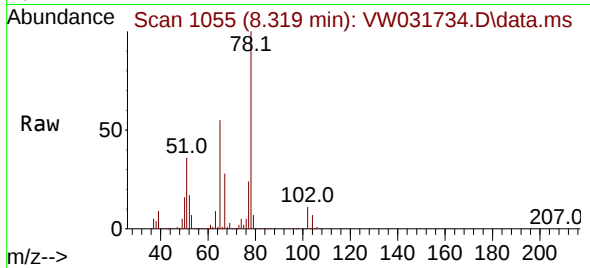




#33
 1,2-Dichloroethane-d4
 Concen: 143.606 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

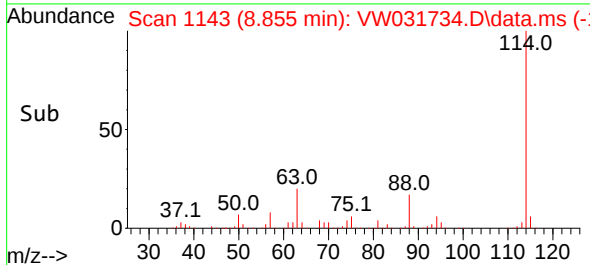
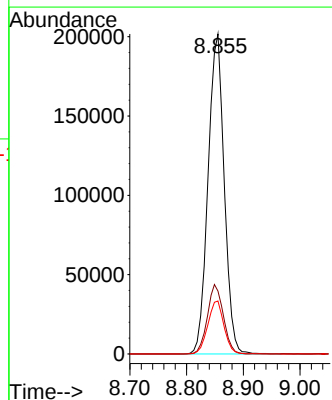
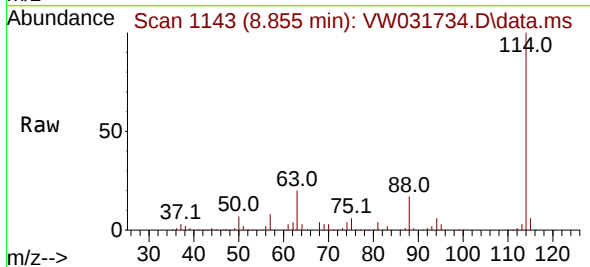
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

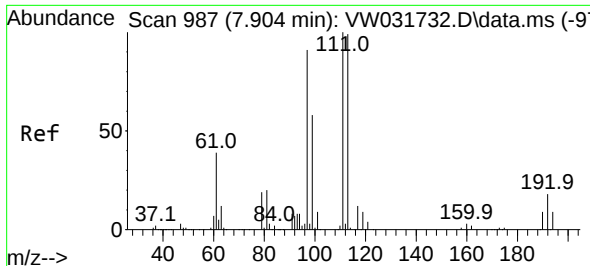
Tgt Ion: 65 Resp: 450859
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

Tgt Ion: 114 Resp: 399414
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.6
 88 16.6 0.0 34.2

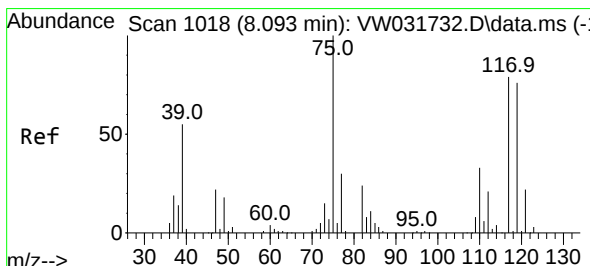
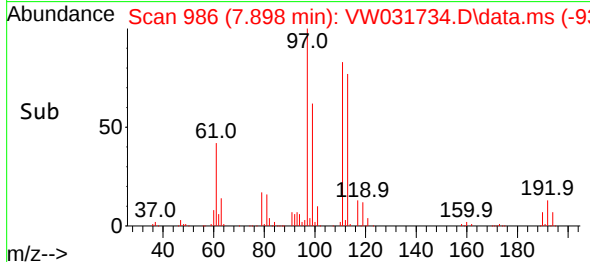
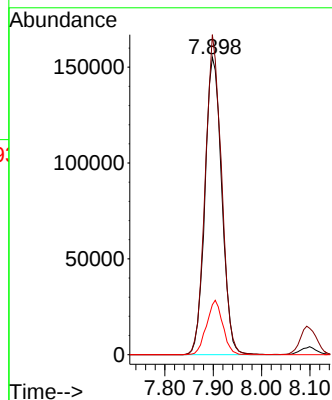
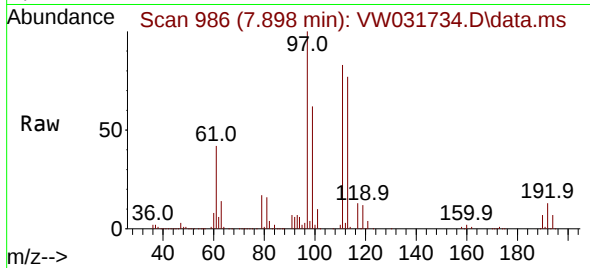




#35
 Dibromofluoromethane
 Concen: 143.636 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

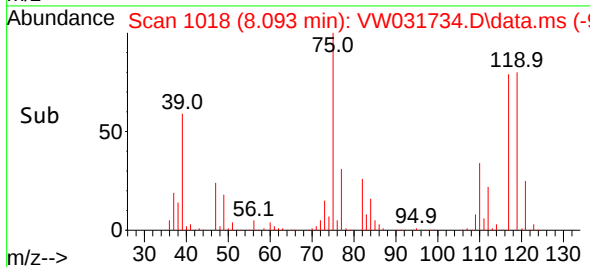
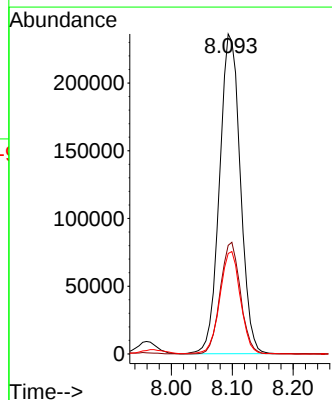
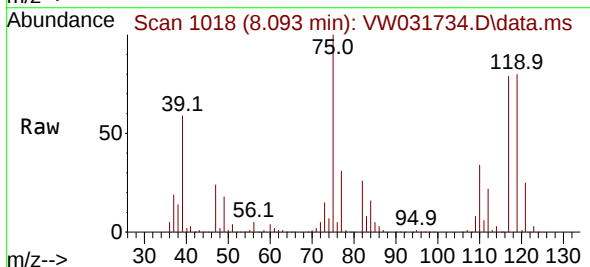
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

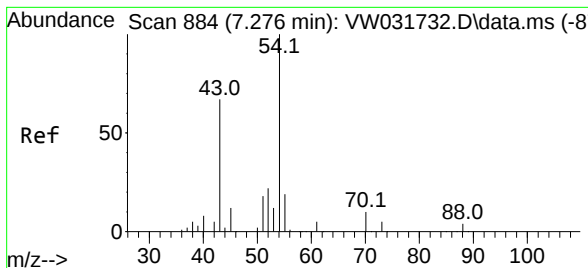
Tgt Ion:113 Resp: 374365
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.1 123.1
 192 17.6 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 148.429 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

Tgt Ion: 75 Resp: 559803
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.8 50.4
 77 31.8 25.0 37.6





#37

Ethyl Acetate

Concen: 143.618 ug/l

RT: 7.270 min Scan# 884

Delta R.T. -0.006 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

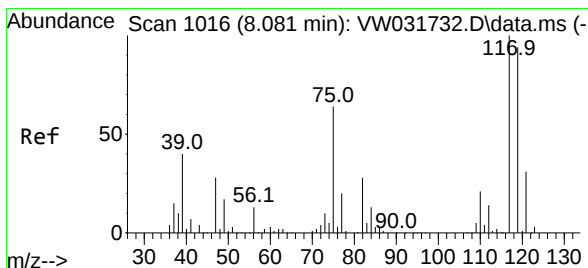
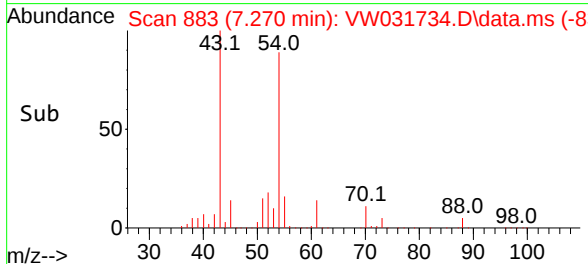
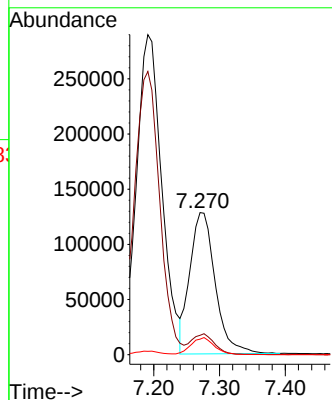
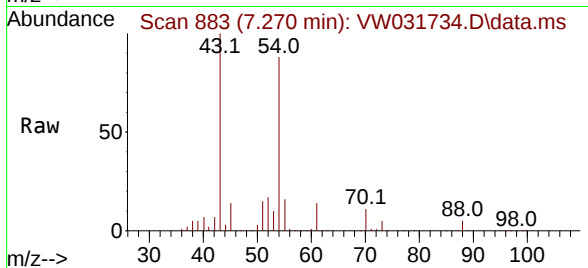
Tgt Ion: 43 Resp: 341691

Ion Ratio Lower Upper

43 100

61 13.5 10.9 16.3

70 11.2 9.2 13.8



#38

Carbon Tetrachloride

Concen: 151.072 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

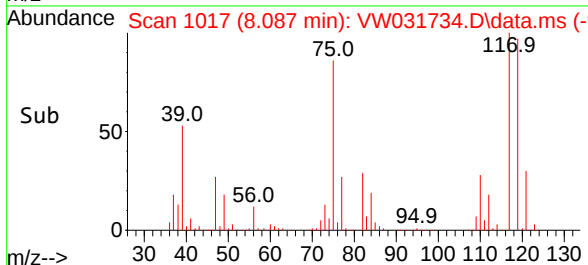
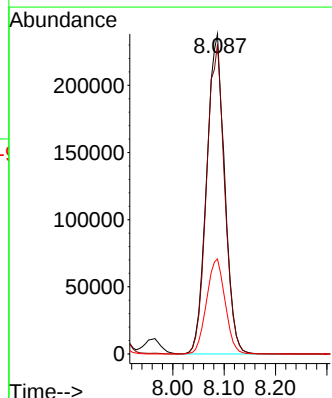
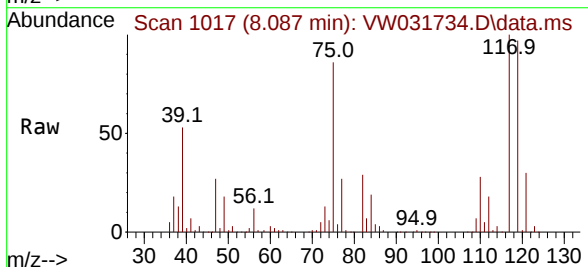
Tgt Ion: 117 Resp: 580610

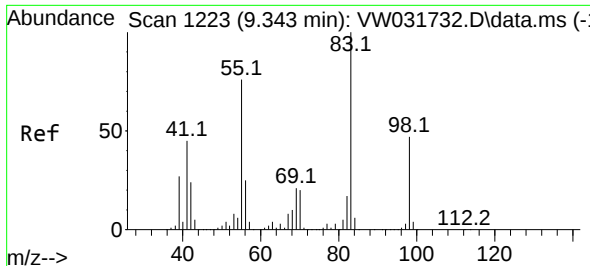
Ion Ratio Lower Upper

117 100

119 96.8 75.0 112.6

121 29.7 24.6 37.0





#39

Methylcyclohexane

Concen: 157.996 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

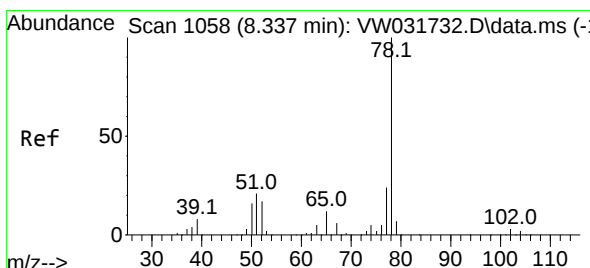
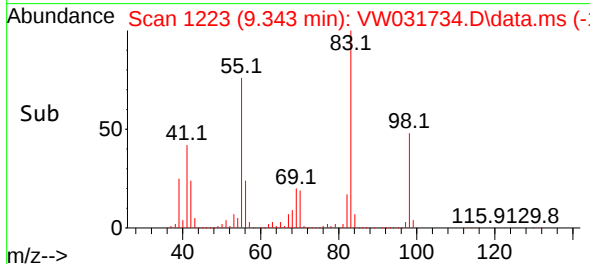
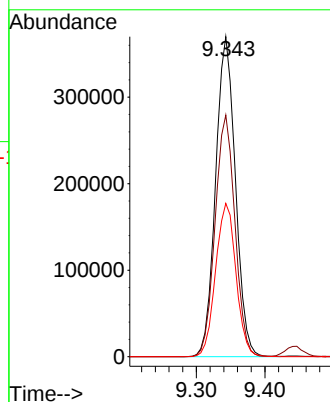
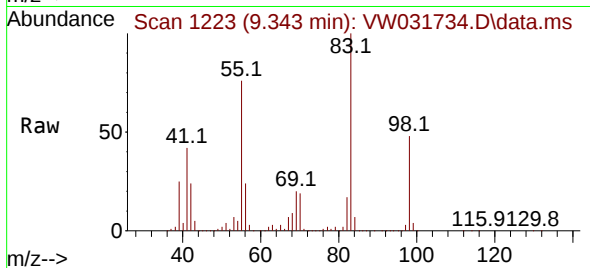
Tgt Ion: 83 Resp: 741380

Ion Ratio Lower Upper

83 100

55 75.5 61.0 91.4

98 47.9 37.9 56.9



#40

Benzene

Concen: 147.198 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031734.D

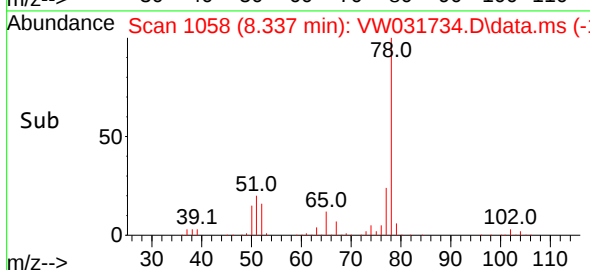
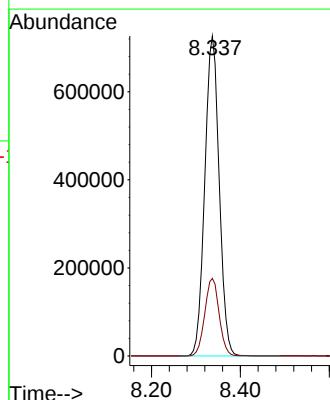
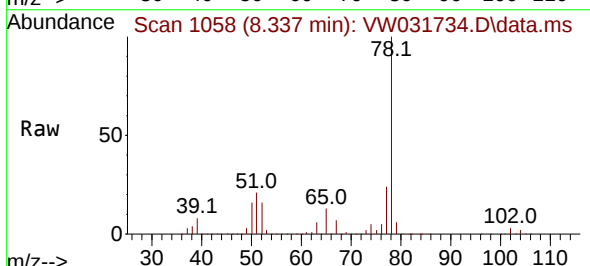
Acq: 30 Jun 2025 12:55

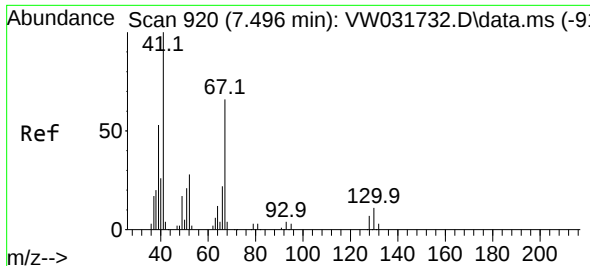
Tgt Ion: 78 Resp: 1642494

Ion Ratio Lower Upper

78 100

77 24.2 19.2 28.8



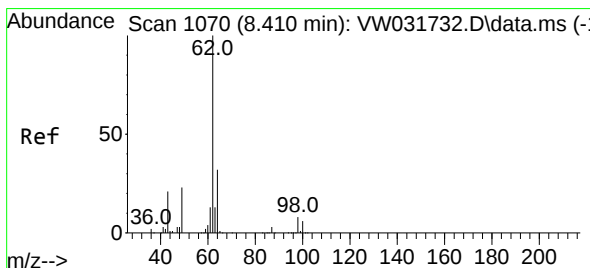
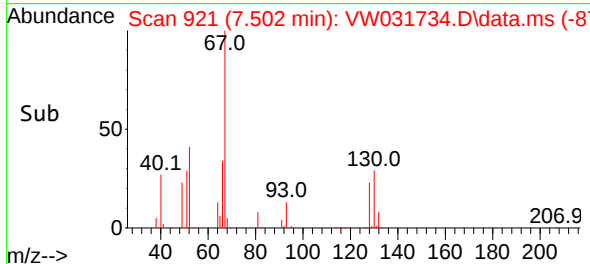
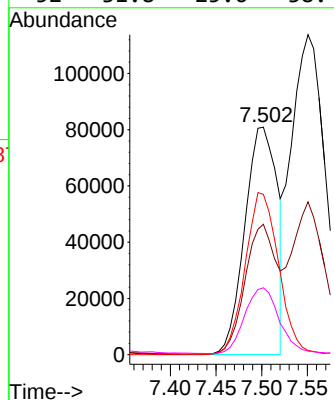
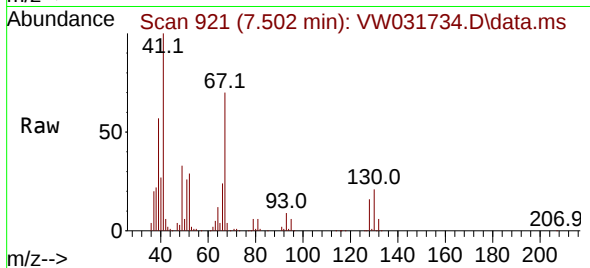


#41
Methacrylonitrile
Concen: 156.650 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 199650

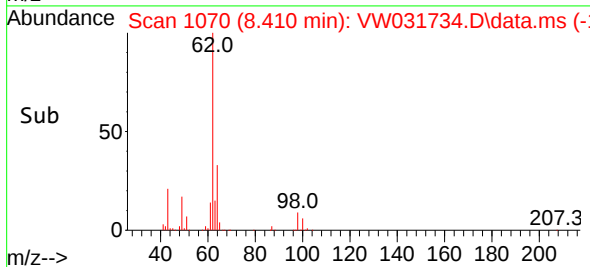
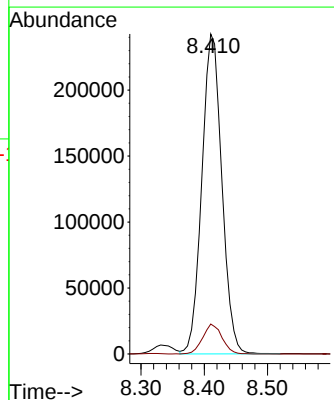
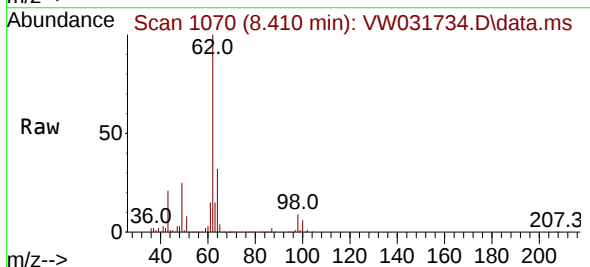
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.2	64.8
67	74.1	58.1	87.1
52	31.8	25.6	38.4

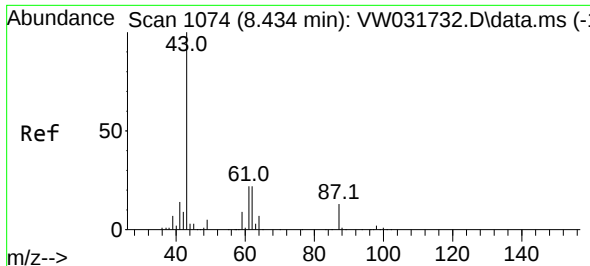


#42
1,2-Dichloroethane
Concen: 141.578 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 62 Resp: 533792

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2

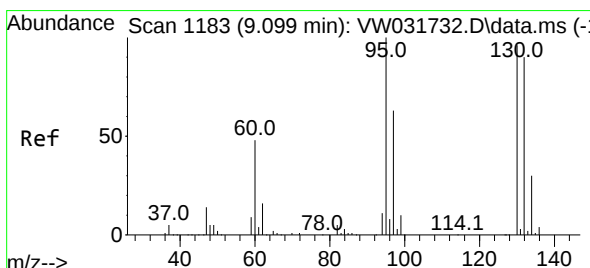
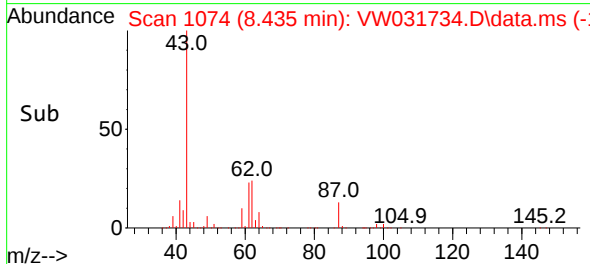
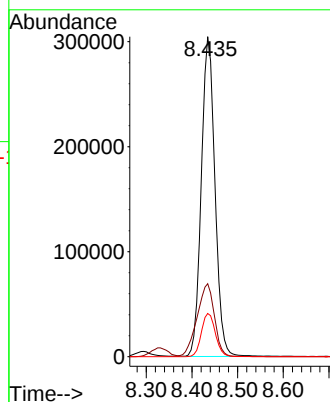
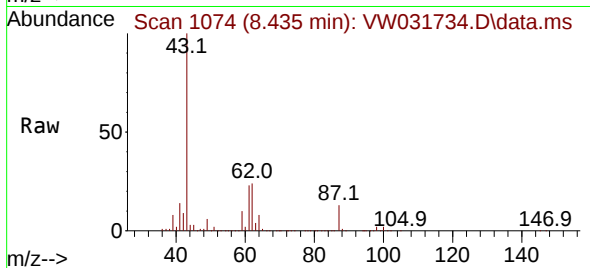




#43
Isopropyl Acetate
Concen: 153.874 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

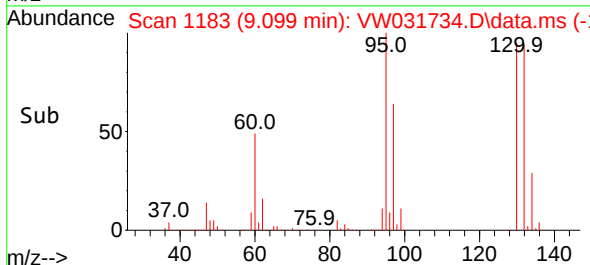
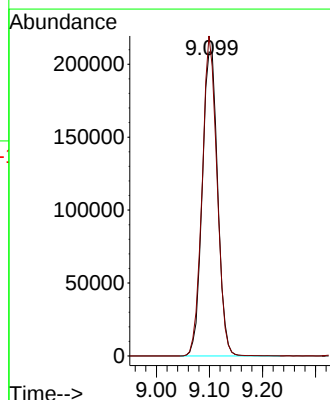
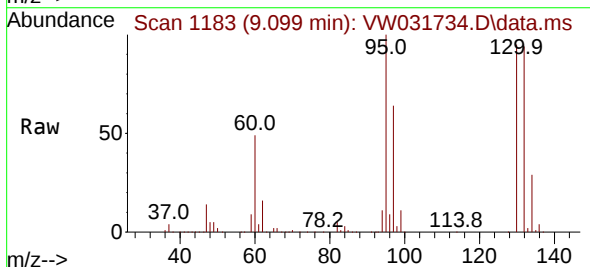
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

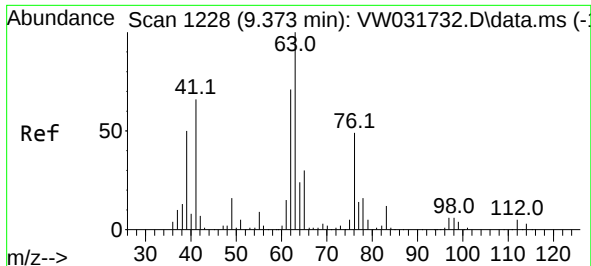
Tgt Ion: 43 Resp: 631057
Ion Ratio Lower Upper
43 100
61 28.9 23.1 34.7
87 13.8 10.8 16.2



#44
Trichloroethene
Concen: 152.358 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion:130 Resp: 424322
Ion Ratio Lower Upper
130 100
95 105.3 0.0 208.6





#45

1,2-Dichloropropane

Concen: 144.616 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

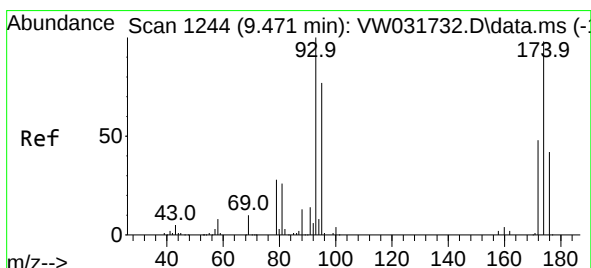
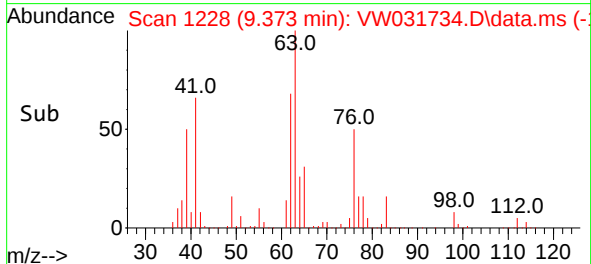
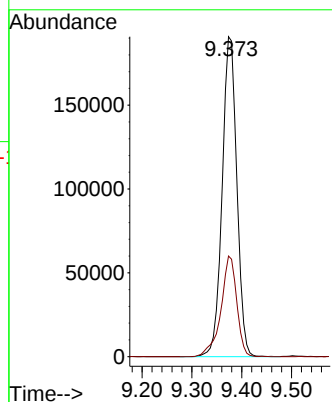
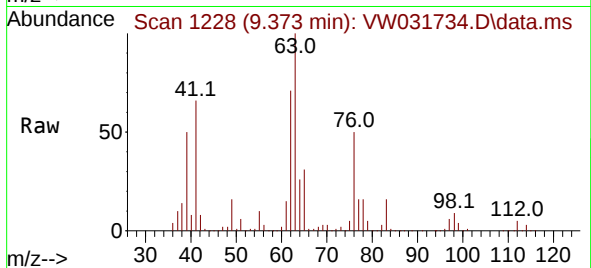
VSTDIC150

Tgt Ion: 63 Resp: 390006

Ion Ratio Lower Upper

63 100

65 31.4 24.2 36.4



#46

Dibromomethane

Concen: 144.196 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

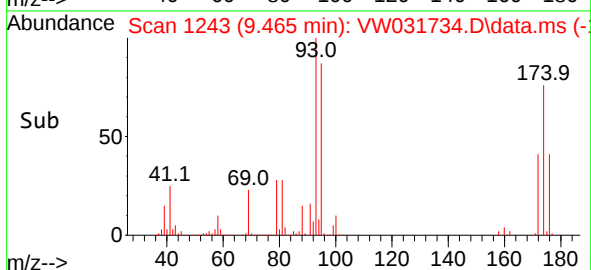
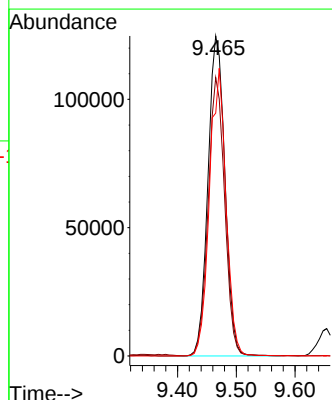
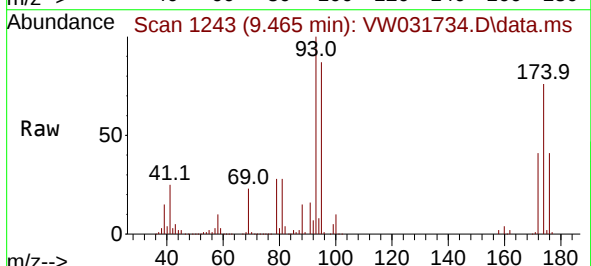
Tgt Ion: 93 Resp: 251060

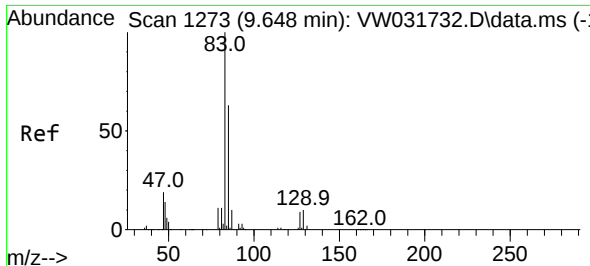
Ion Ratio Lower Upper

93 100

95 84.3 67.0 100.4

174 87.6 71.7 107.5

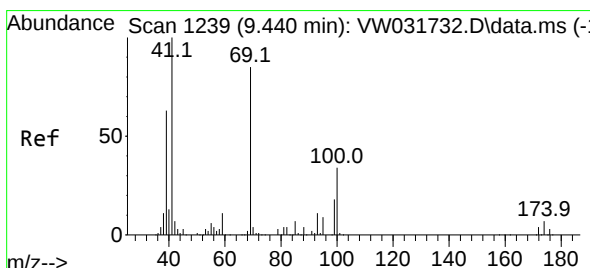
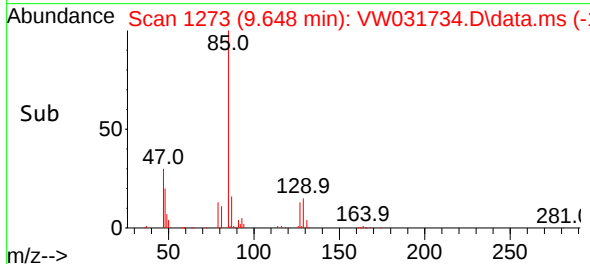
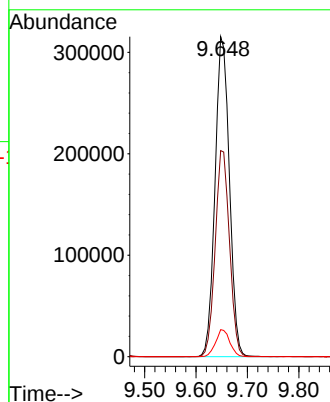
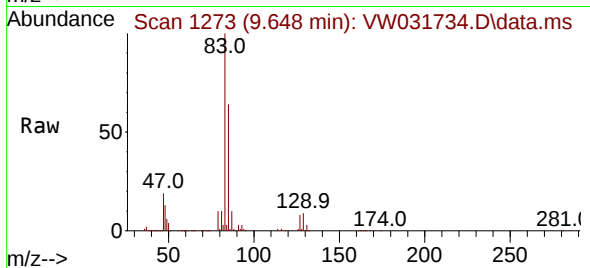




#47
Bromodichloromethane
Concen: 149.611 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

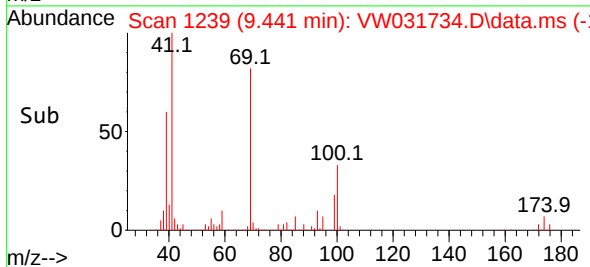
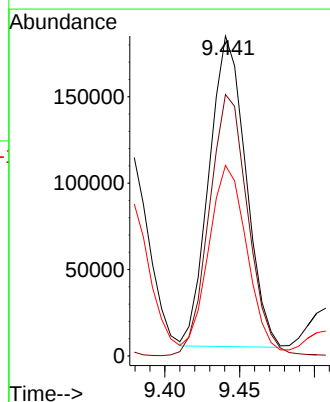
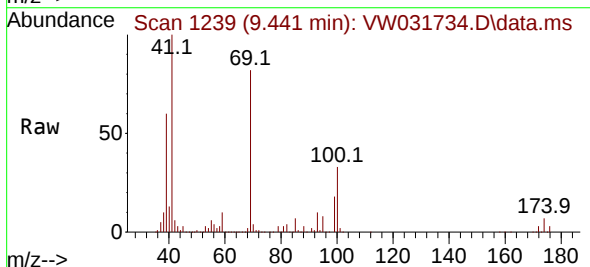
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

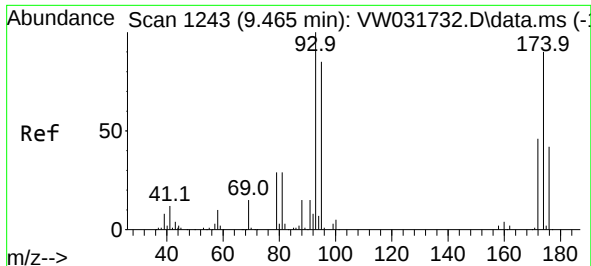
Tgt Ion: 83 Resp: 610837
Ion Ratio Lower Upper
83 100
85 64.4 50.8 76.2
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 152.139 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 41 Resp: 306797
Ion Ratio Lower Upper
41 100
69 89.2 71.6 107.4
39 60.2 49.5 74.3





#49

1,4-Dioxane

Concen: 3121.017 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

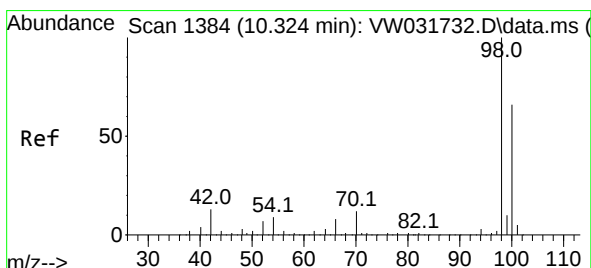
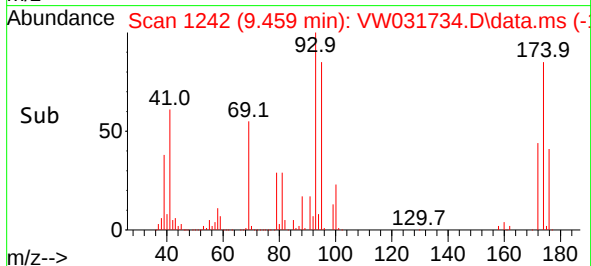
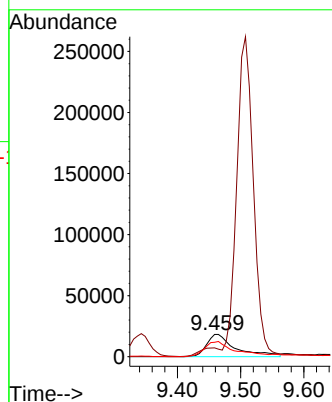
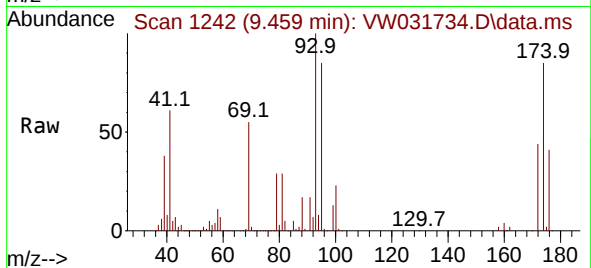
Tgt Ion: 88 Resp: 57850

Ion Ratio Lower Upper

88 100

43 25.8 0.0 0.0#

58 77.9 58.3 87.5



#50

Toluene-d8

Concen: 147.419 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031734.D

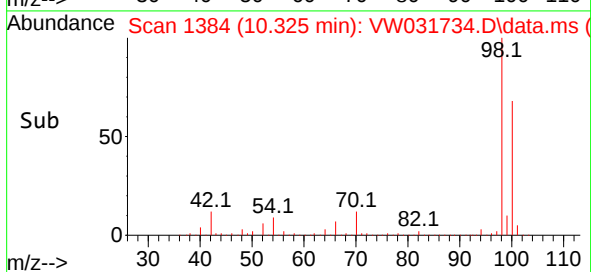
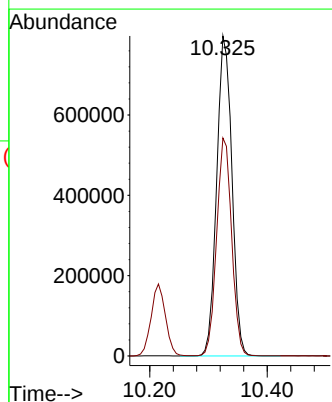
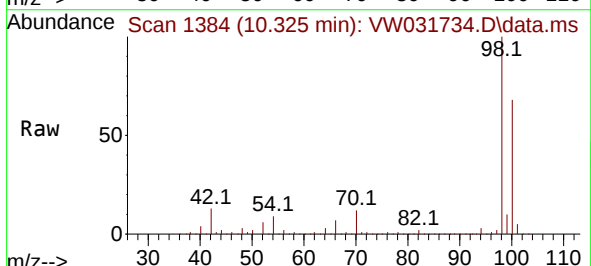
Acq: 30 Jun 2025 12:55

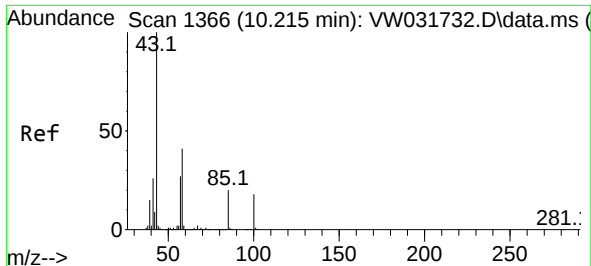
Tgt Ion: 98 Resp: 1429859

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.4

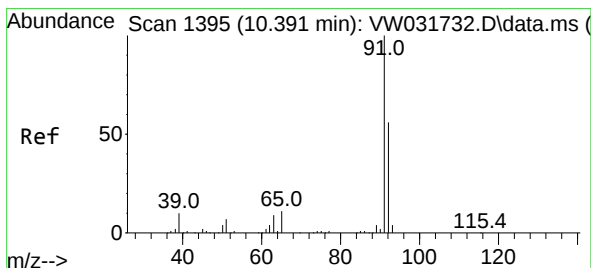
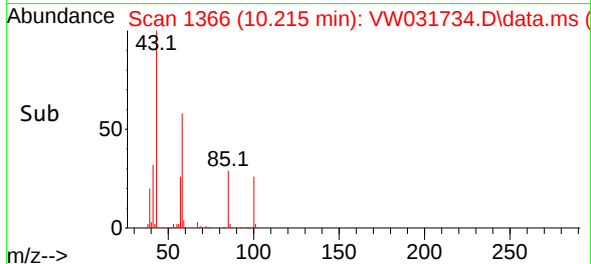
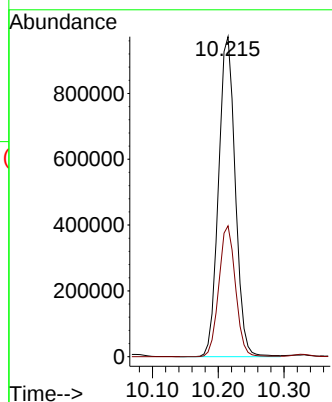
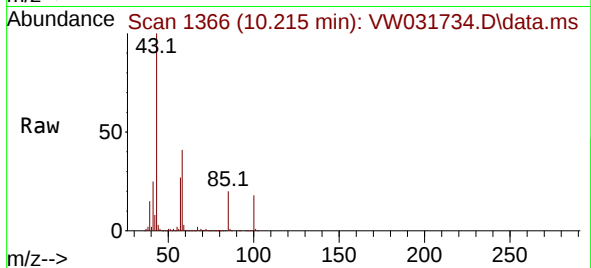




#51
4-Methyl-2-Pentanone
Concen: 729.963 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

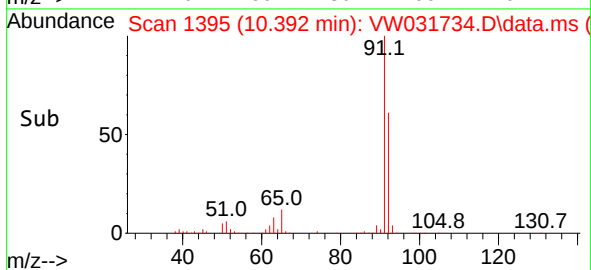
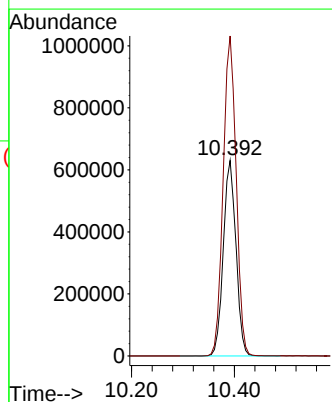
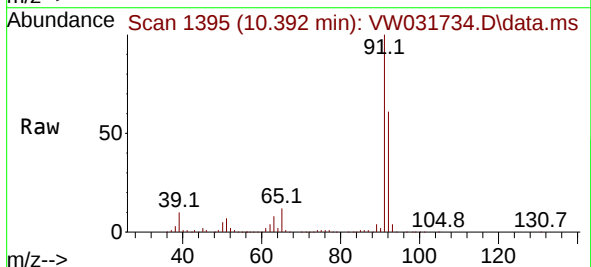
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

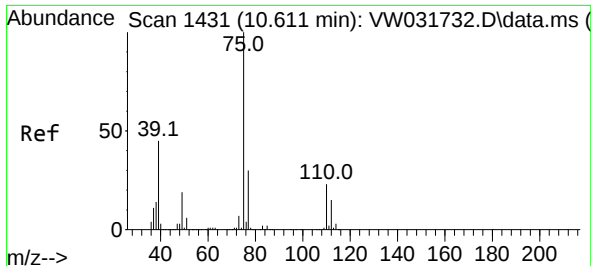
Tgt Ion: 43 Resp: 1721097
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.2



#52
Toluene
Concen: 150.709 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 92 Resp: 1076709
Ion Ratio Lower Upper
92 100
91 168.0 139.5 209.3

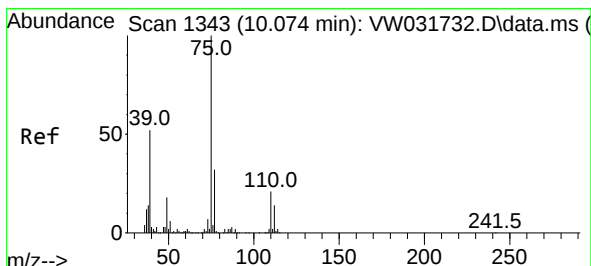
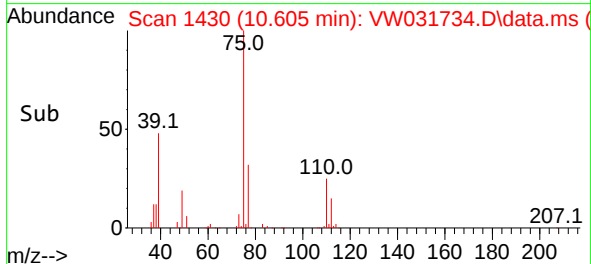
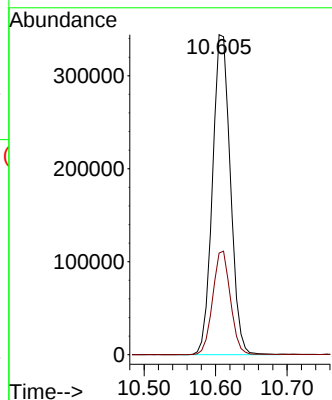
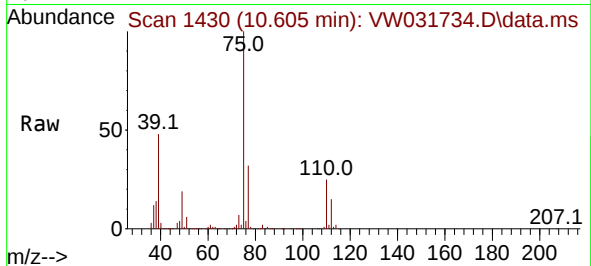




#53
 t-1,3-Dichloropropene
 Concen: 156.353 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

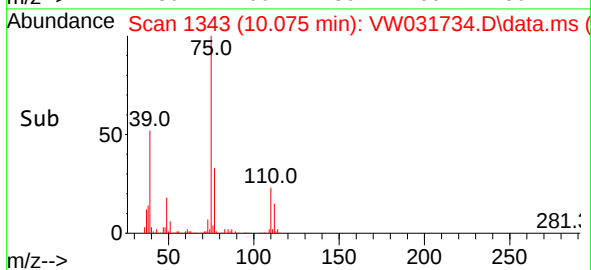
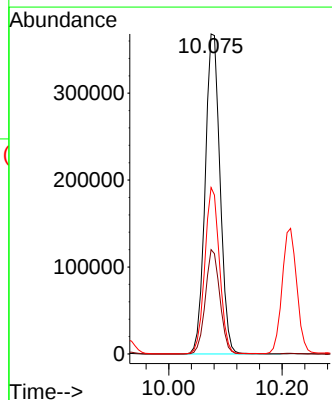
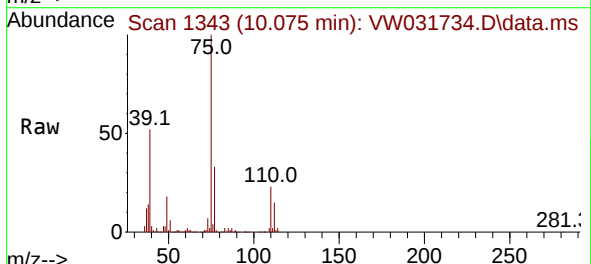
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

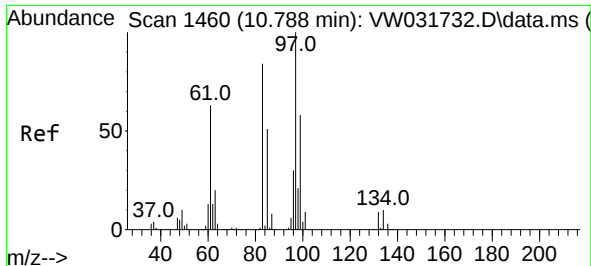
Tgt Ion: 75 Resp: 598943
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 154.433 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

Tgt Ion: 75 Resp: 670647
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2
 39 51.9 41.8 62.6

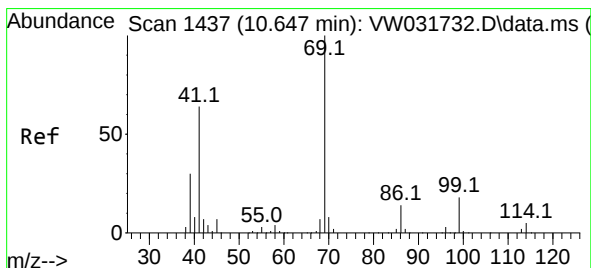
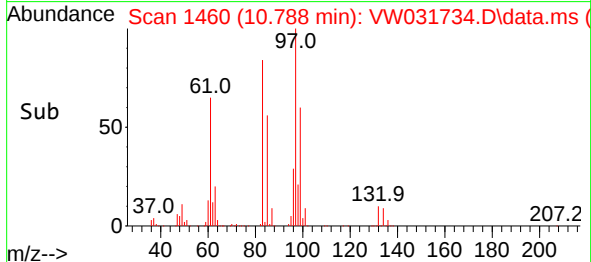
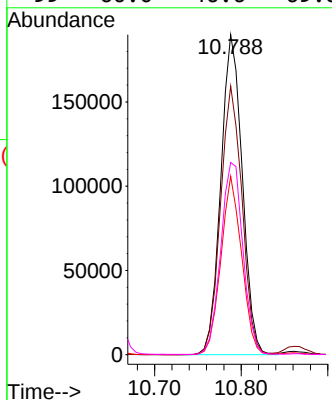
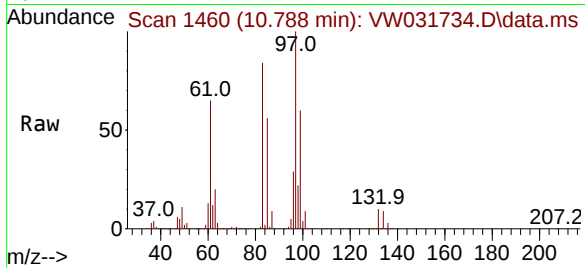




#55
1,1,2-Trichloroethane
Concen: 143.331 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

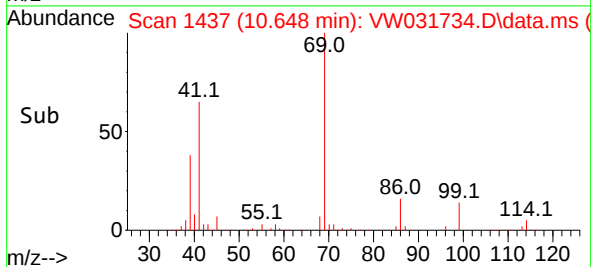
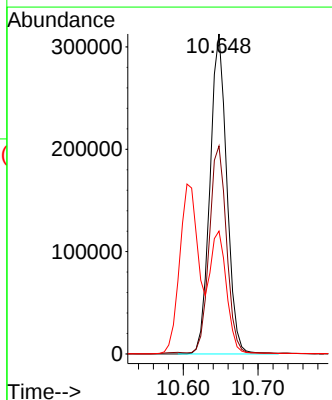
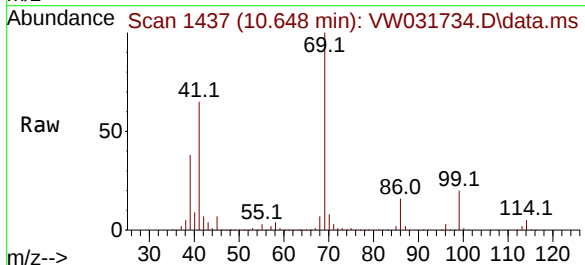
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

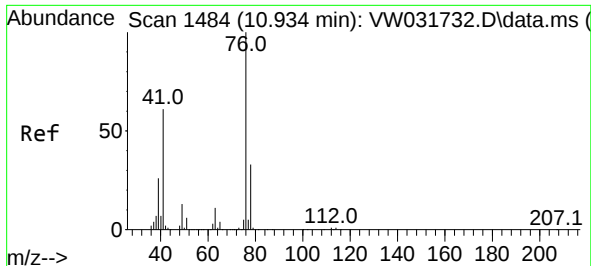
Tgt Ion:	97	Resp:	326894
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.9	100.3
85	55.7	41.1	61.7
99	60.0	46.6	69.8



#56
Ethyl methacrylate
Concen: 158.587 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion:	69	Resp:	490690
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.3	79.9
39	36.6	30.2	45.2





#57

1,3-Dichloropropane

Concen: 142.516 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

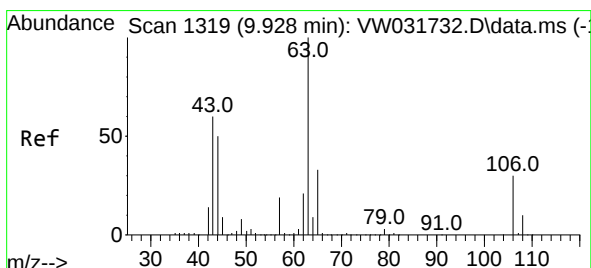
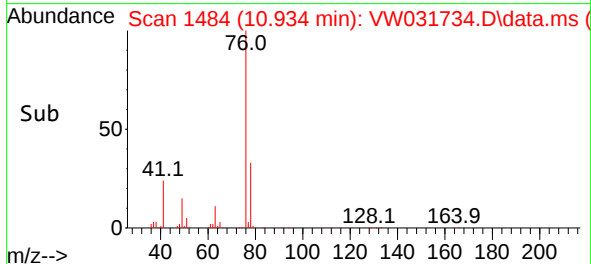
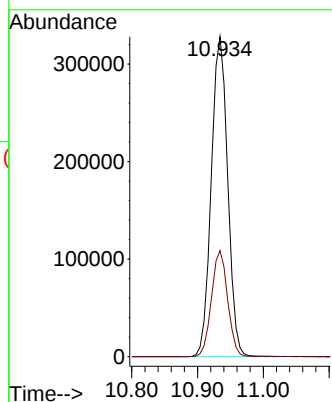
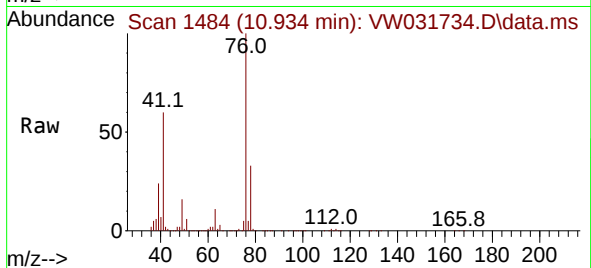
VSTDIC150

Tgt Ion: 76 Resp: 570666

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 761.261 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031734.D

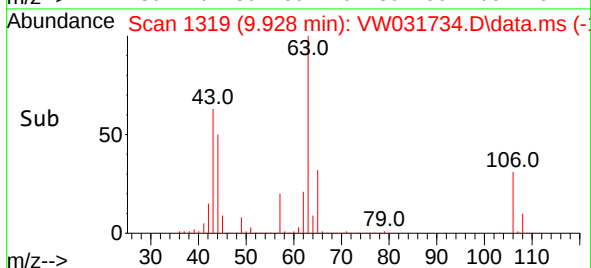
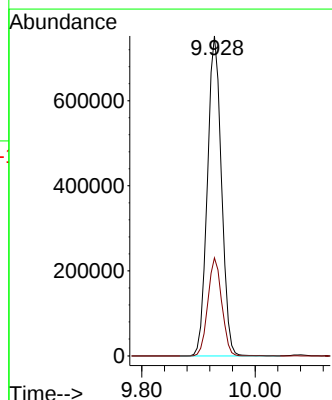
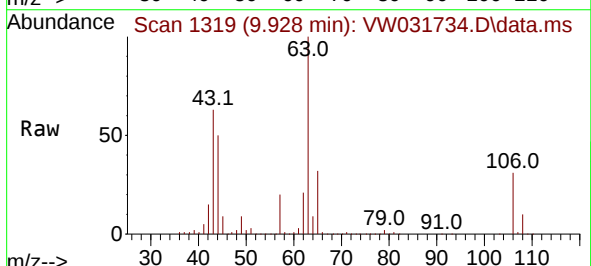
Acq: 30 Jun 2025 12:55

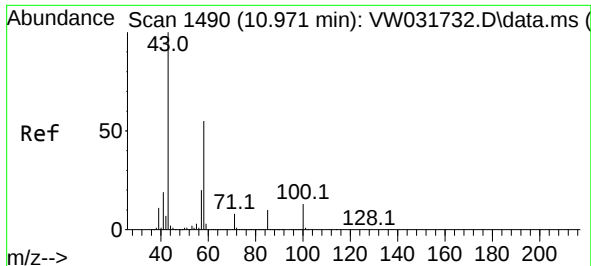
Tgt Ion: 63 Resp: 1297023

Ion Ratio Lower Upper

63 100

106 30.2 24.1 36.1

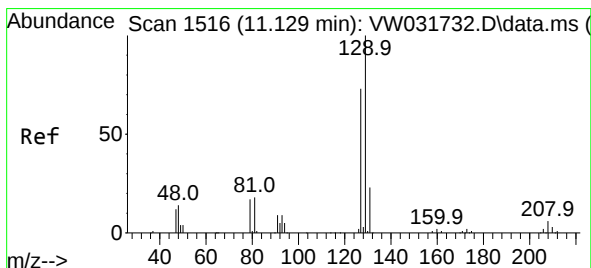
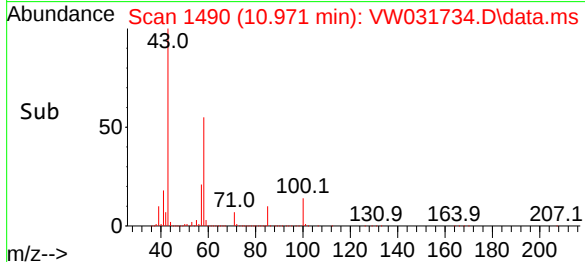
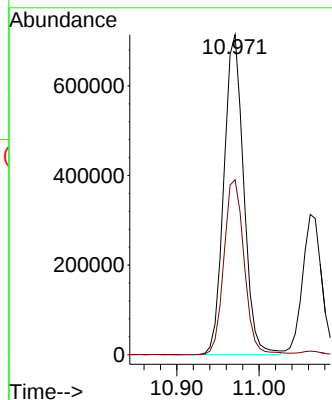
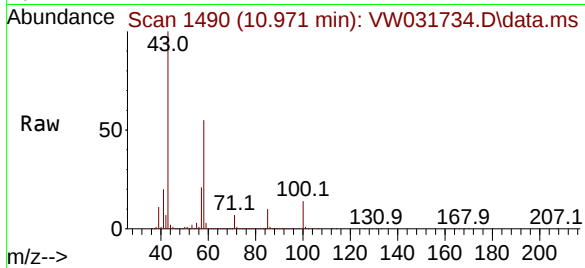




#59
2-Hexanone
Concen: 746.062 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

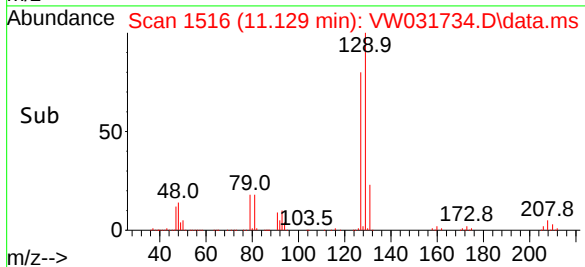
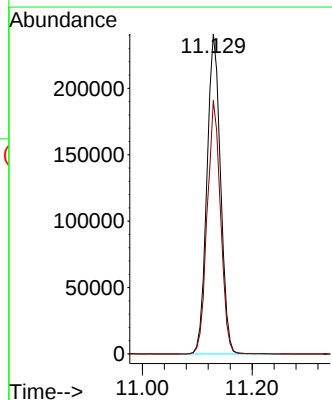
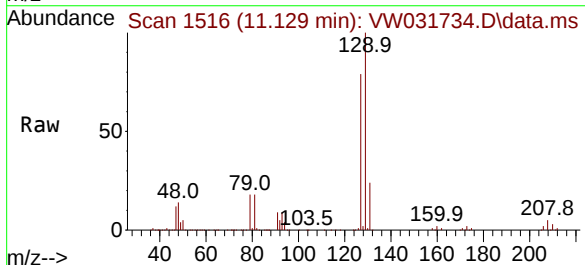
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

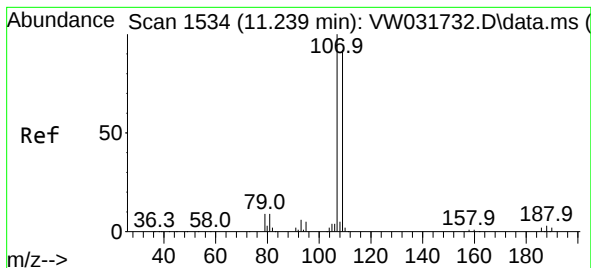
Tgt Ion: 43 Resp: 1192007
Ion Ratio Lower Upper
43 100
58 56.1 27.9 83.6



#60
Dibromochloromethane
Concen: 151.554 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion:129 Resp: 413333
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.1

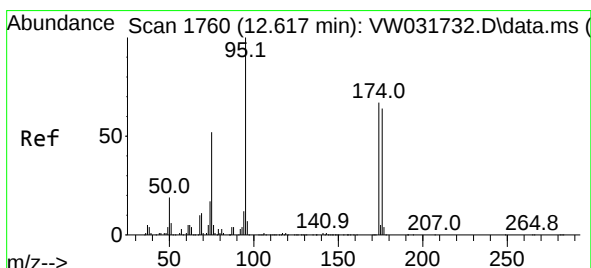
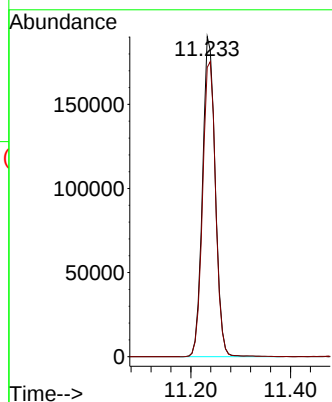
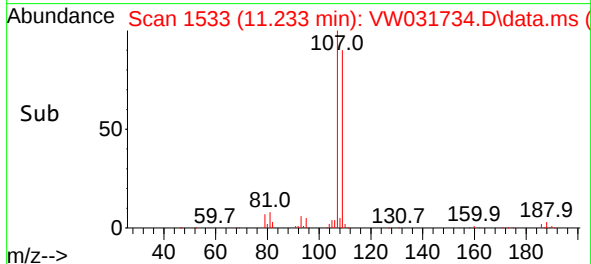
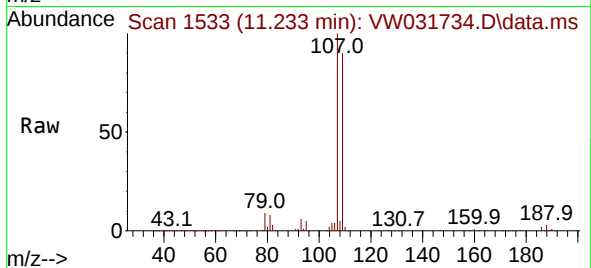




#61
1,2-Dibromoethane
Concen: 147.535 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

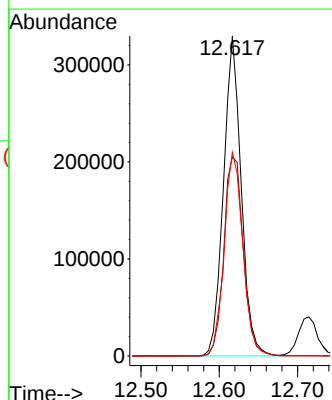
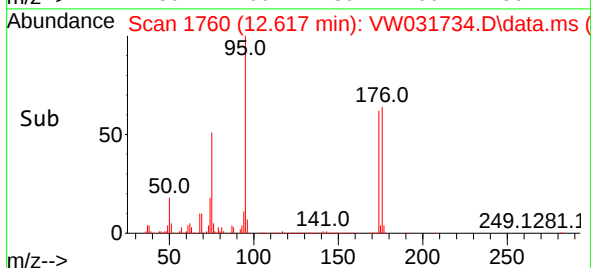
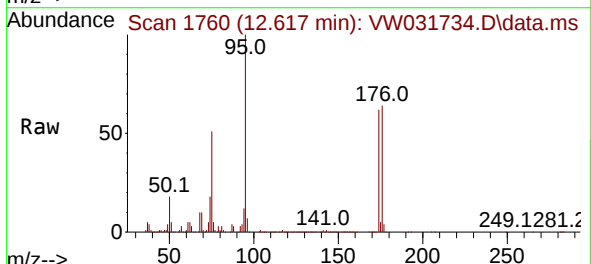
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

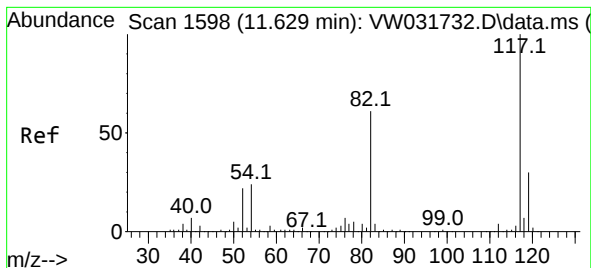
Tgt Ion:107 Resp: 336847
Ion Ratio Lower Upper
107 100
109 94.2 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 145.561 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 95 Resp: 519559
Ion Ratio Lower Upper
95 100
174 68.3 0.0 133.8
176 67.0 0.0 126.0

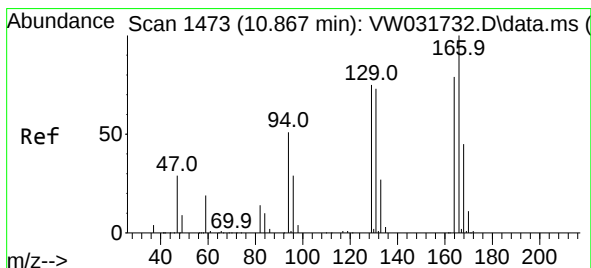
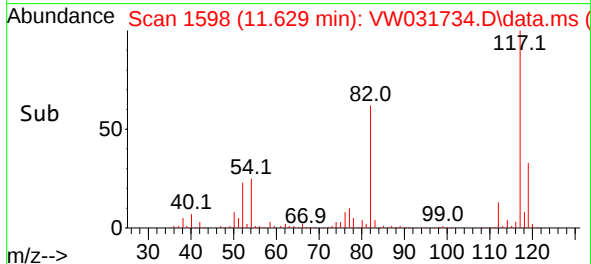
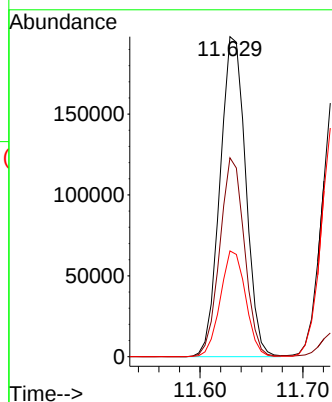
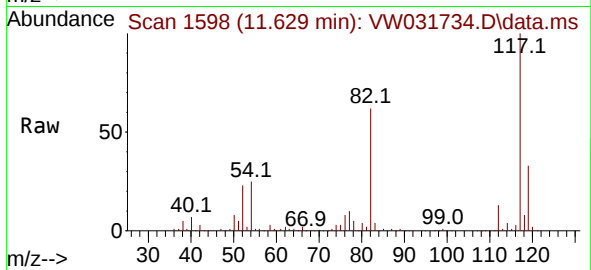




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

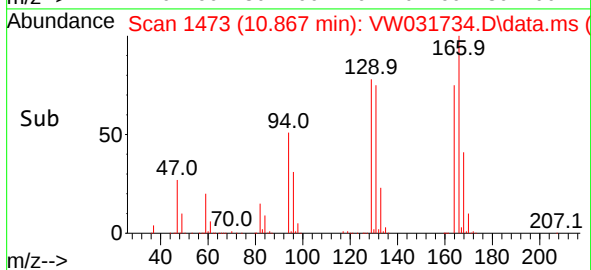
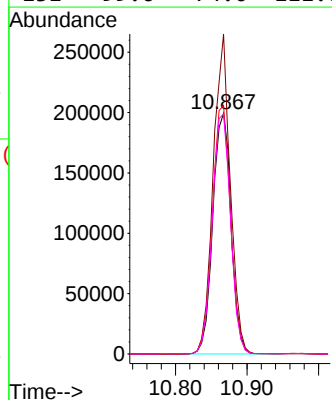
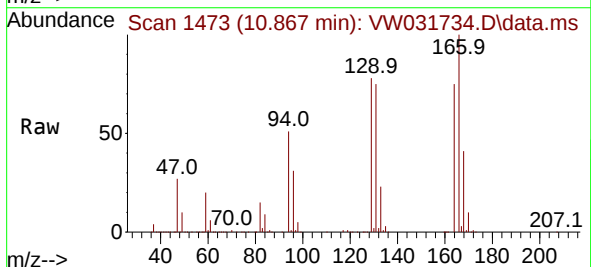
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

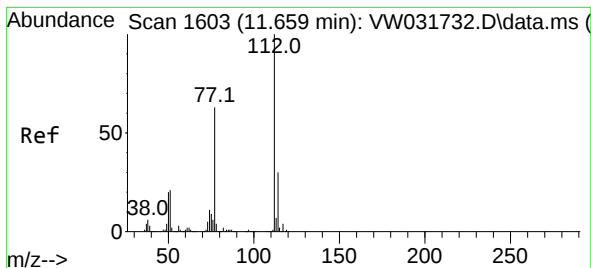
Tgt Ion:117 Resp: 342661
Ion Ratio Lower Upper
117 100
82 62.2 48.6 72.8
119 33.0 23.9 35.9



#64
Tetrachloroethene
Concen: 157.549 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion:164 Resp: 353130
Ion Ratio Lower Upper
164 100
166 133.0 100.7 151.1
129 103.3 75.4 113.0
131 99.6 74.0 111.0





#65

Chlorobenzene

Concen: 152.237 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

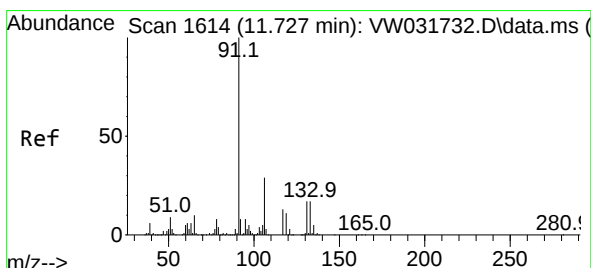
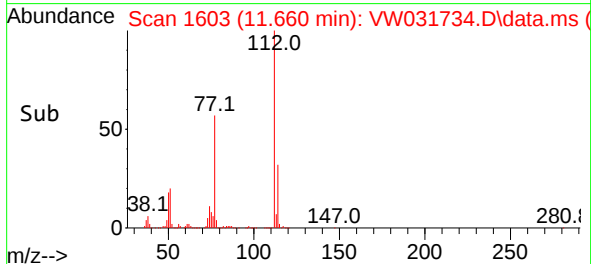
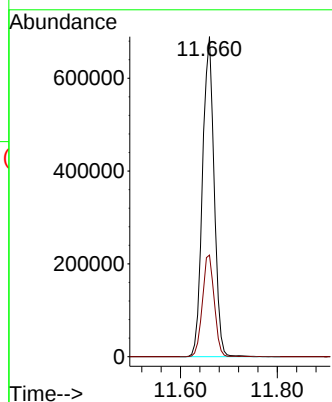
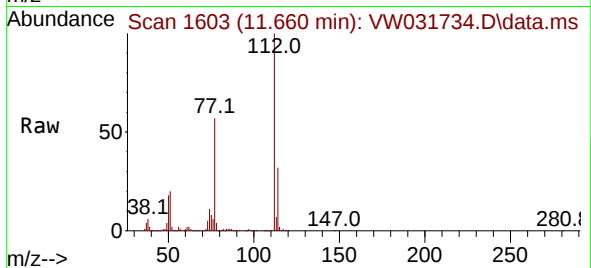
VSTDIC150

Tgt Ion:112 Resp: 1150958

Ion Ratio Lower Upper

112 100

114 31.8 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 155.768 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

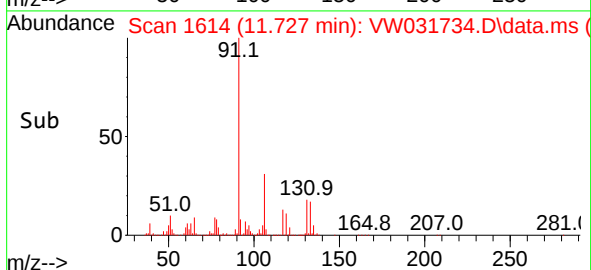
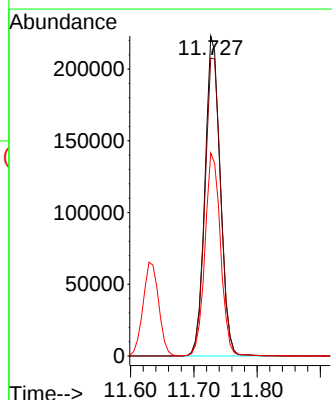
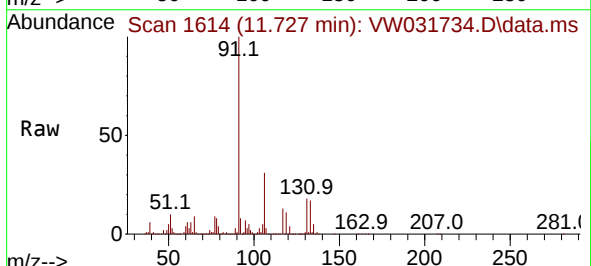
Tgt Ion:131 Resp: 375280

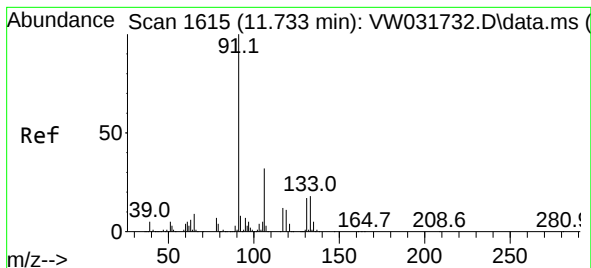
Ion Ratio Lower Upper

131 100

133 96.5 48.5 145.6

119 64.4 32.5 97.5





#67

Ethyl Benzene

Concen: 155.940 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

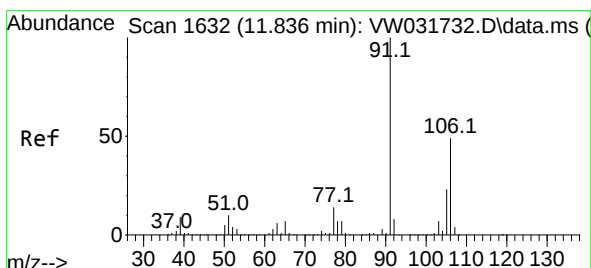
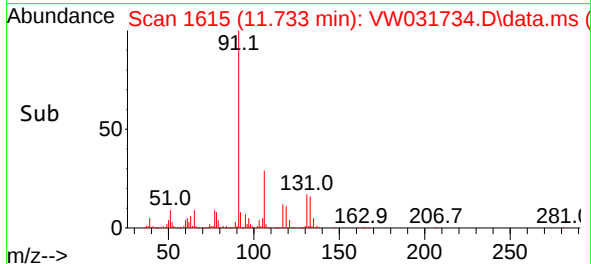
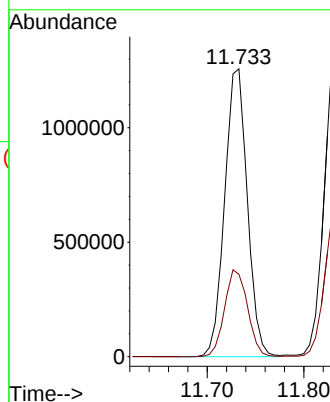
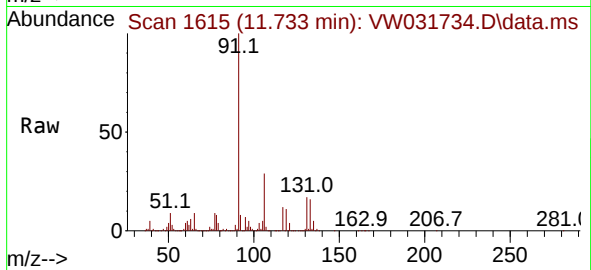
VSTDIC150

Tgt Ion: 91 Resp: 2044338

Ion Ratio Lower Upper

91 100

106 28.6 25.4 38.2



#68

m/p-Xylenes

Concen: 311.770 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031734.D

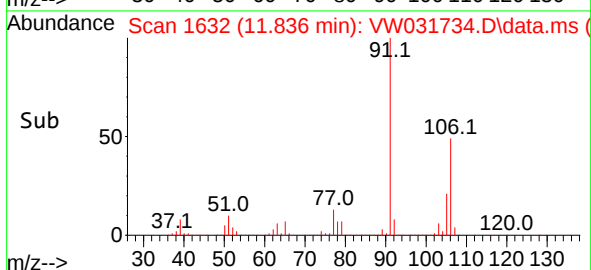
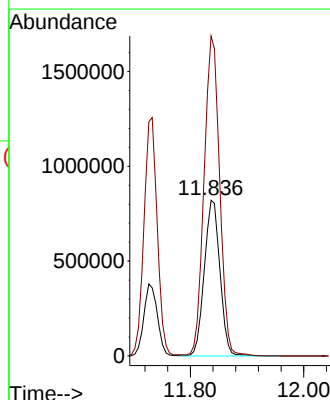
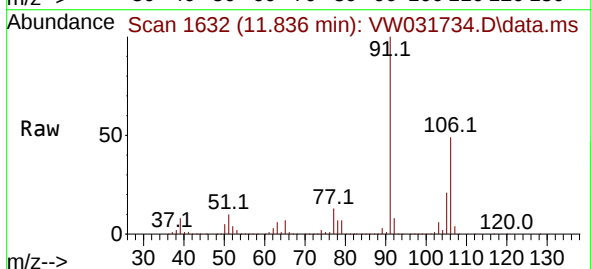
Acq: 30 Jun 2025 12:55

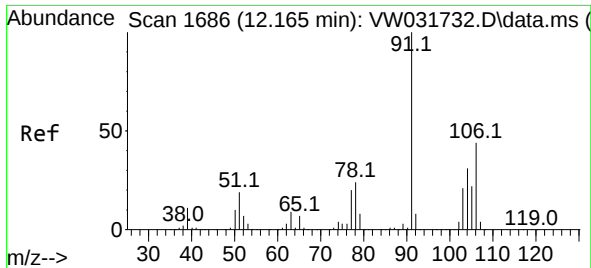
Tgt Ion:106 Resp: 1571204

Ion Ratio Lower Upper

106 100

91 205.1 166.4 249.6

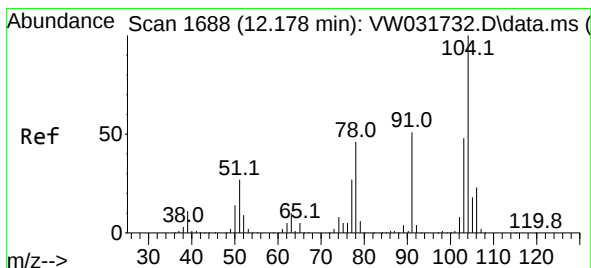
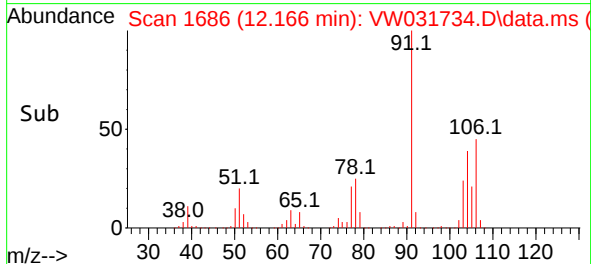
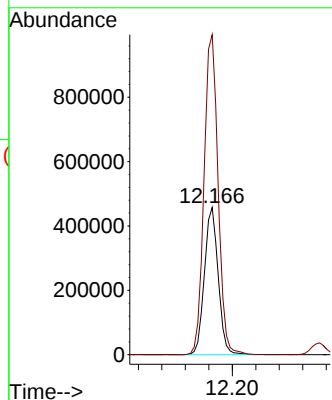
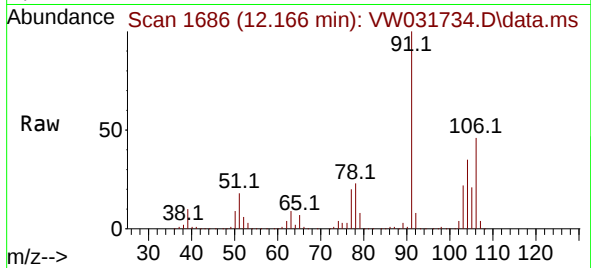




#69
o-Xylene
Concen: 159.389 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

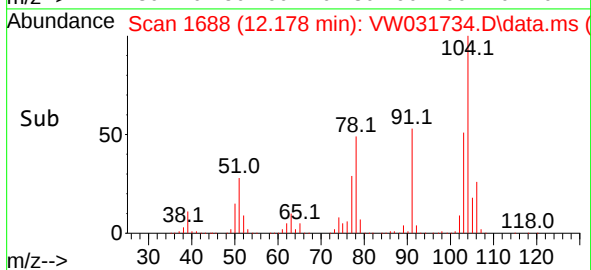
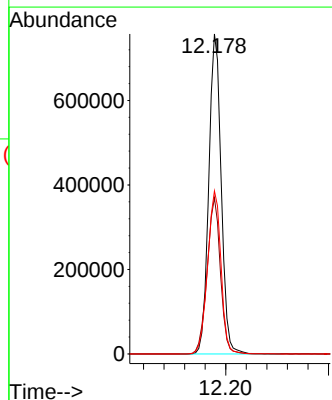
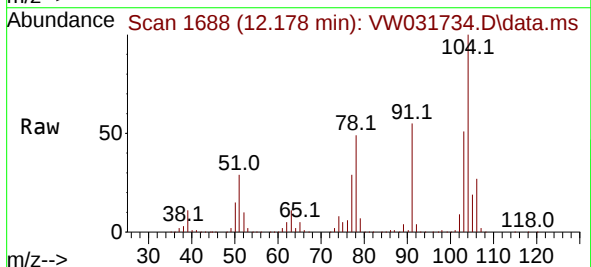
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

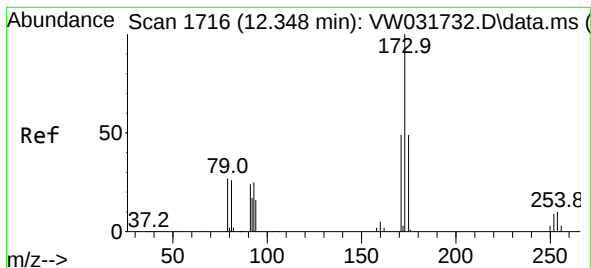
Tgt Ion:106 Resp: 743731
Ion Ratio Lower Upper
106 100
91 221.4 111.5 334.4



#70
Styrene
Concen: 157.015 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion:104 Resp: 1266593
Ion Ratio Lower Upper
104 100
78 52.2 42.1 63.1
103 55.0 43.0 64.6





#71

Bromoform

Concen: 159.639 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

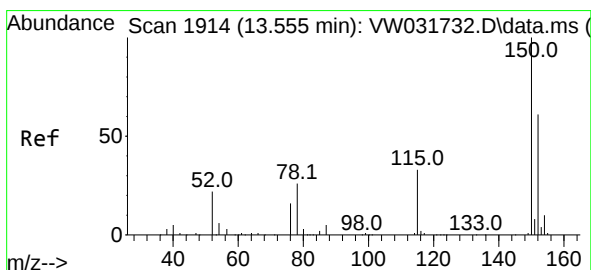
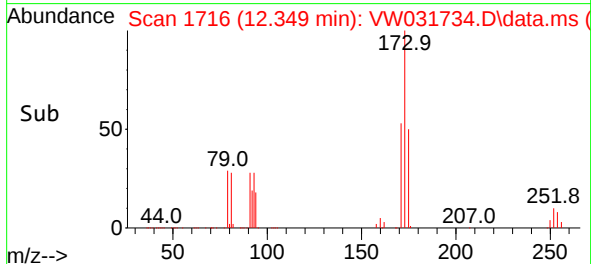
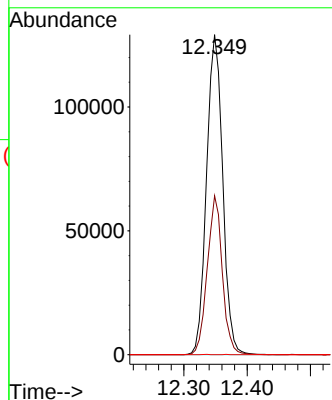
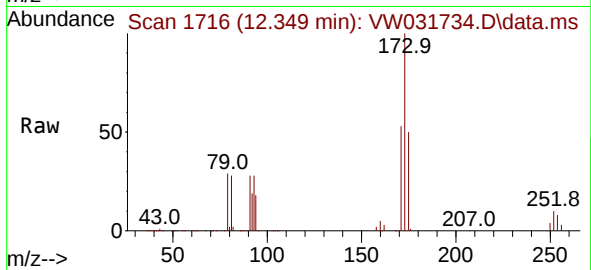
Tgt Ion:173 Resp: 229439

Ion Ratio Lower Upper

173 100

175 46.4 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

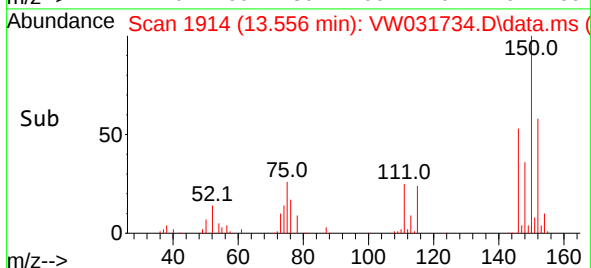
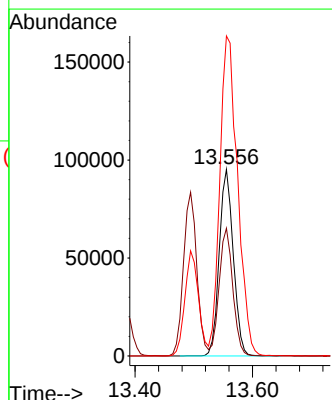
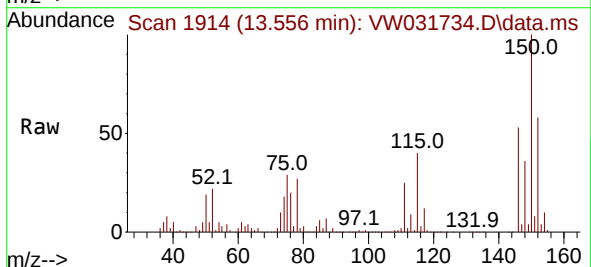
Tgt Ion:152 Resp: 157853

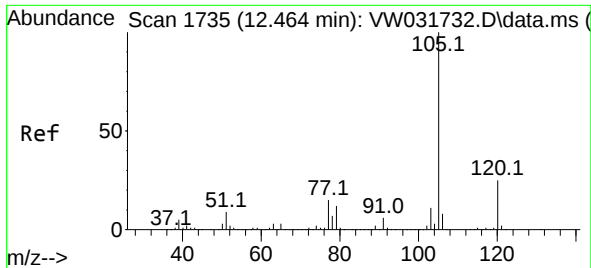
Ion Ratio Lower Upper

152 100

115 66.4 31.9 95.7

150 216.5 0.0 356.4

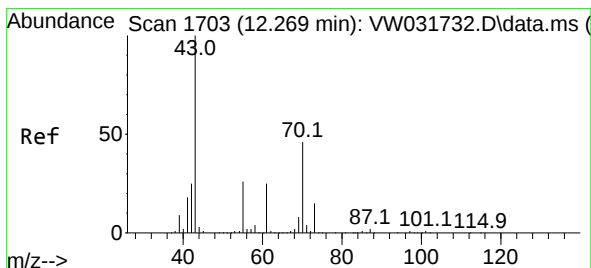
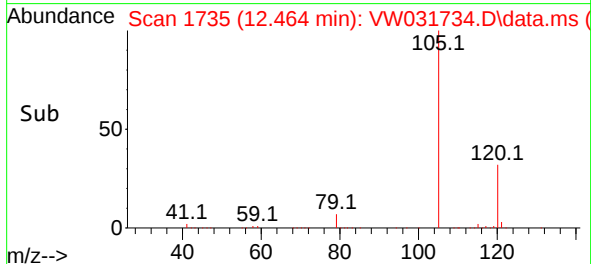
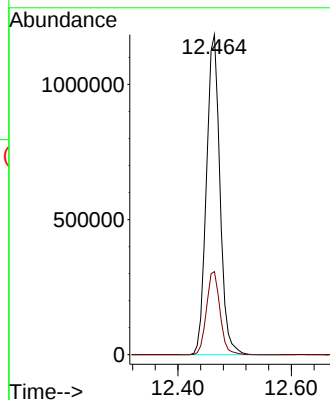
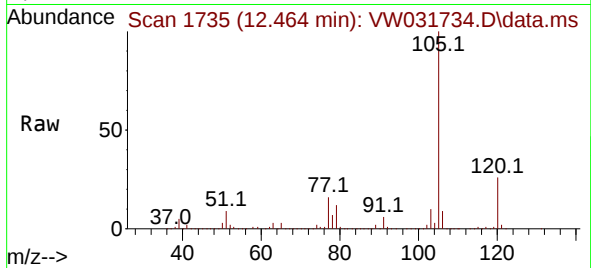




#73
Isopropylbenzene
Concen: 162.971 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

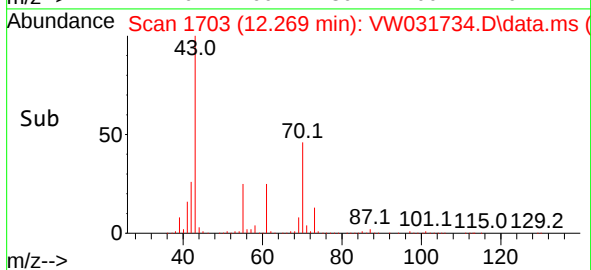
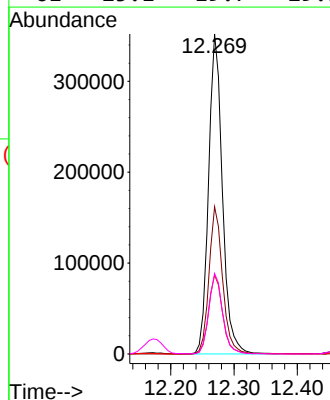
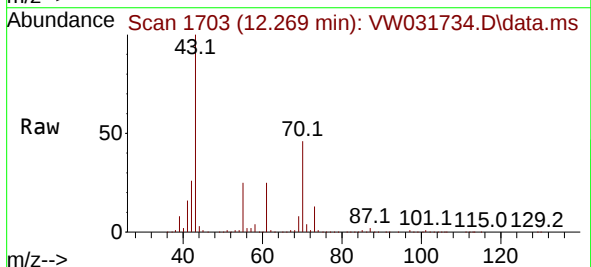
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

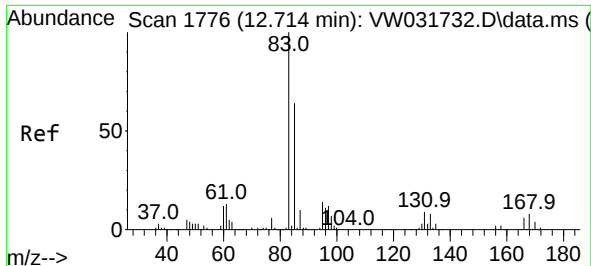
Tgt Ion:105 Resp: 1956819
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 165.571 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 43 Resp: 535843
Ion Ratio Lower Upper
43 100
70 45.5 36.0 54.0
55 25.2 20.8 31.2
61 25.1 19.7 29.5

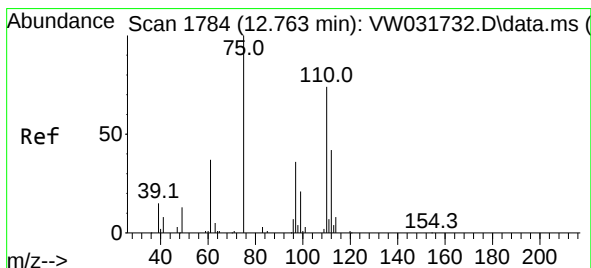
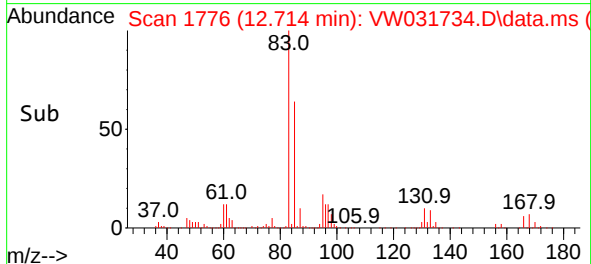
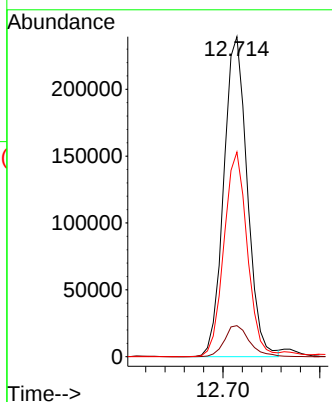
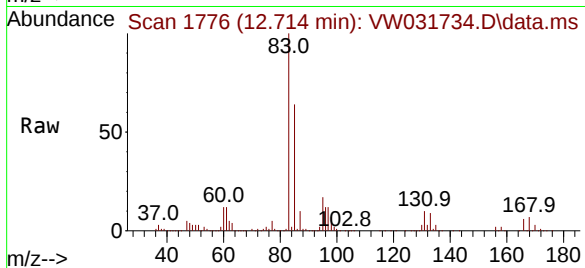




#75
1,1,2,2-Tetrachloroethane
Concen: 151.363 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

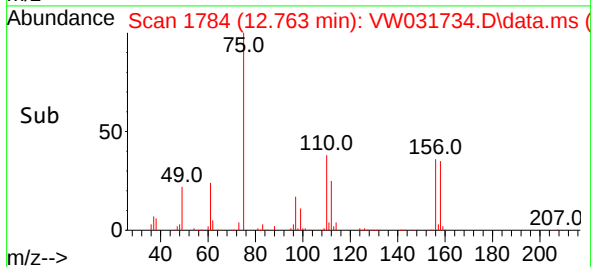
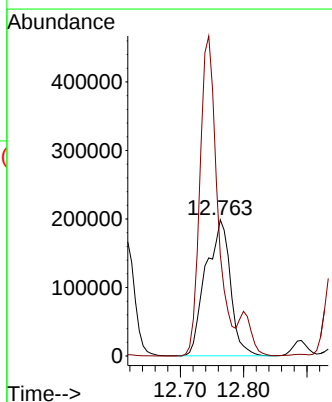
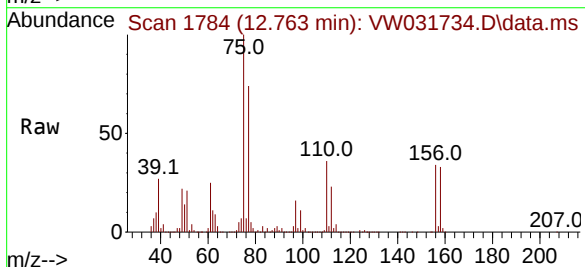
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

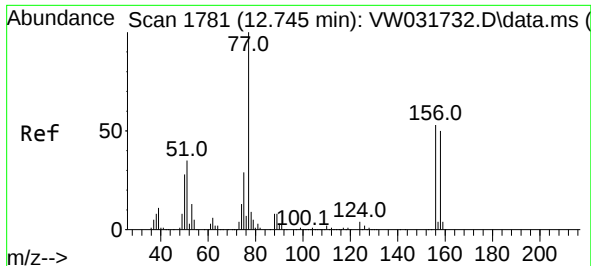
Tgt Ion: 83 Resp: 403490
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 63.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 262.349 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 75 Resp: 535167
Ion Ratio Lower Upper
75 100
77 169.0 141.2 423.6

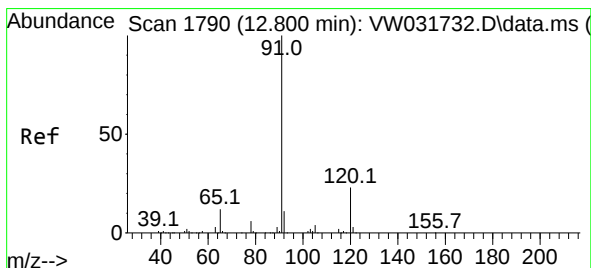
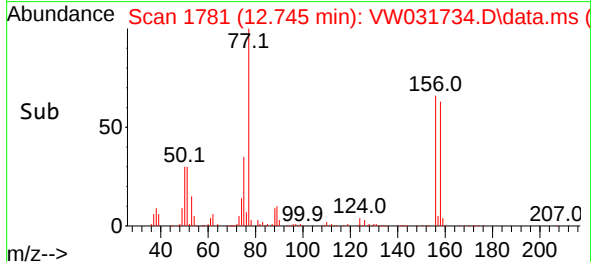
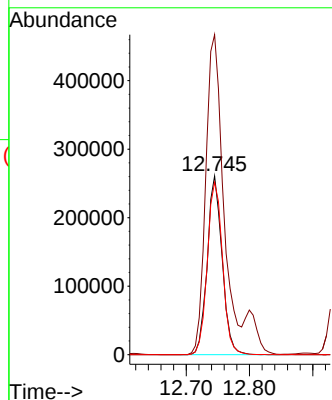
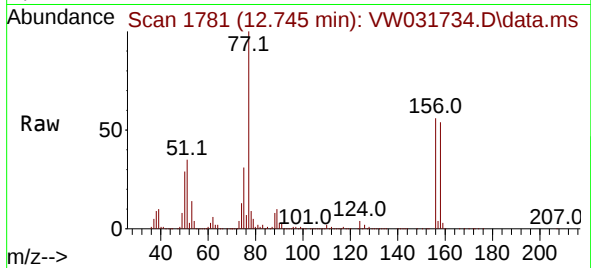




#77
Bromobenzene
Concen: 159.479 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

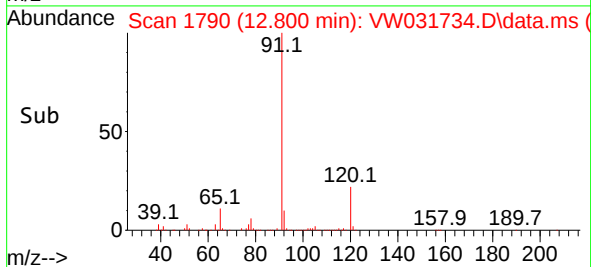
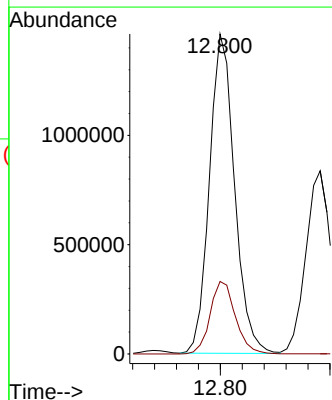
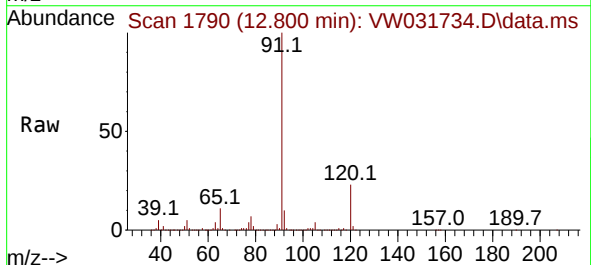
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

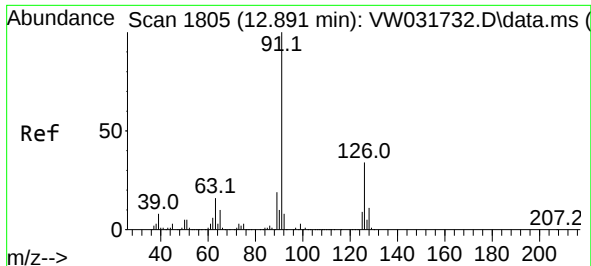
Tgt Ion:156 Resp: 427085
Ion Ratio Lower Upper
156 100
77 211.8 117.9 353.7
158 99.2 52.6 157.8



#78
n-propylbenzene
Concen: 161.670 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 91 Resp: 2324539
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

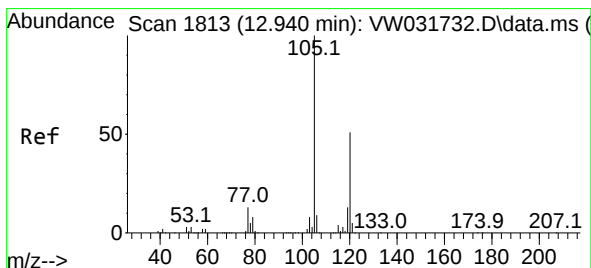
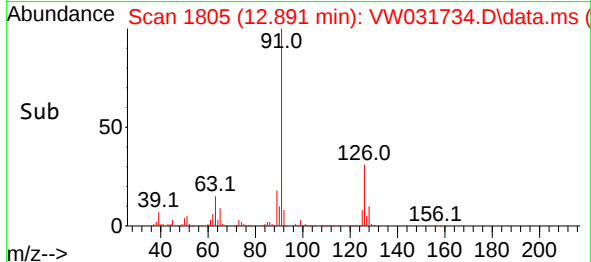
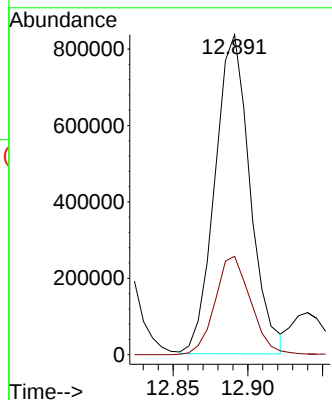
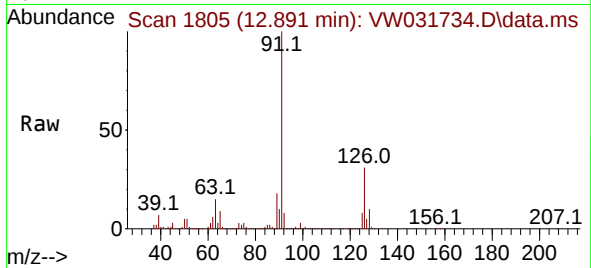




#79
2-Chlorotoluene
Concen: 157.800 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

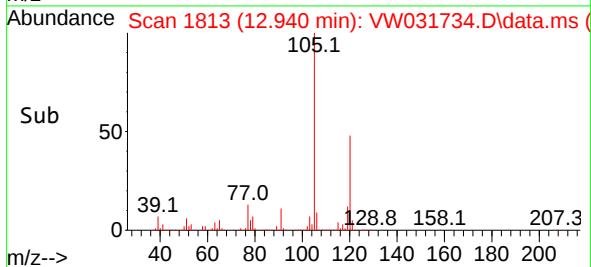
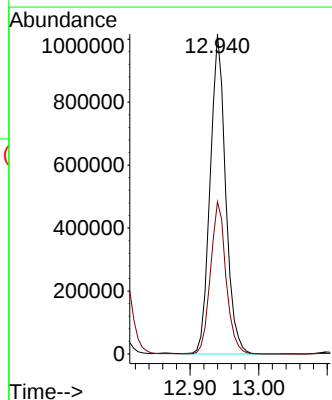
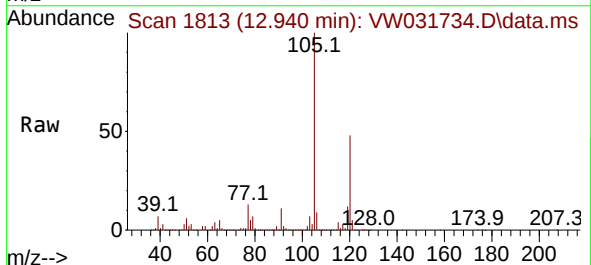
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

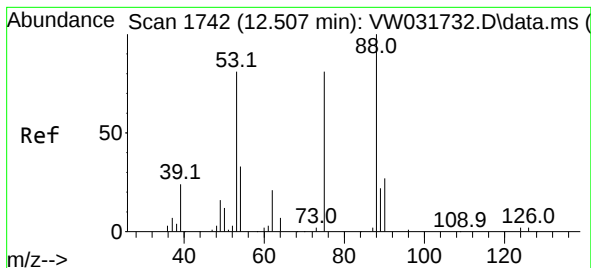
Tgt Ion: 91 Resp: 1366267
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 160.332 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 105 Resp: 1593533
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 166.866 ug/l

RT: 12.513 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

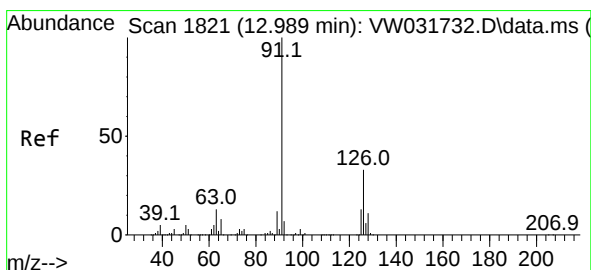
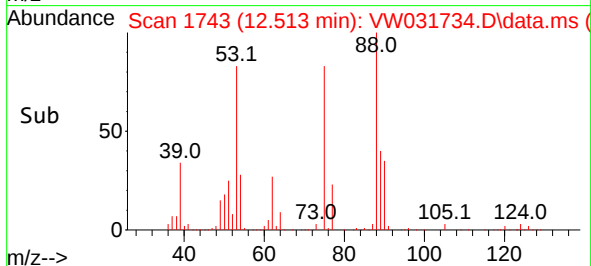
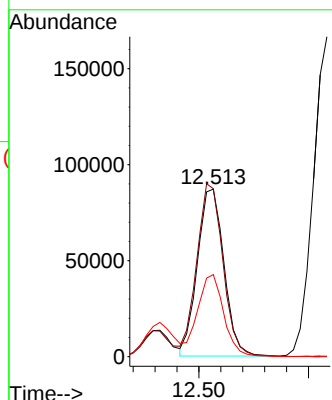
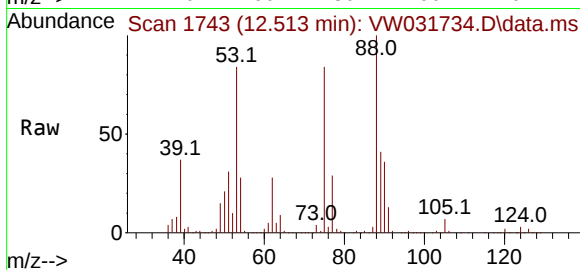
Tgt Ion: 75 Resp: 146143

Ion Ratio Lower Upper

75 100

53 102.5 83.5 125.3

89 48.9 38.3 57.5



#82

4-Chlorotoluene

Concen: 155.153 ug/l

RT: 12.989 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VW031734.D

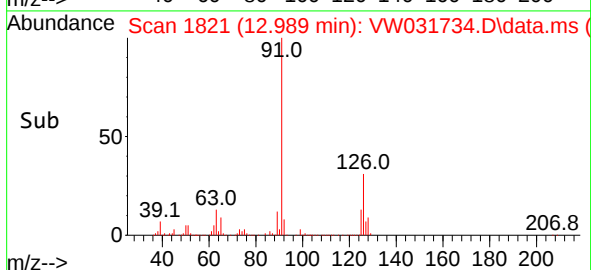
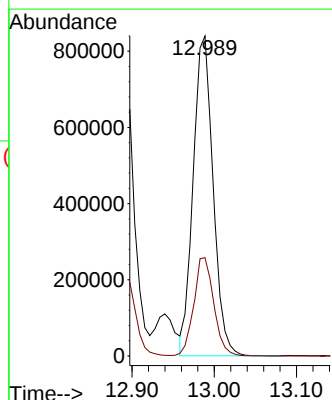
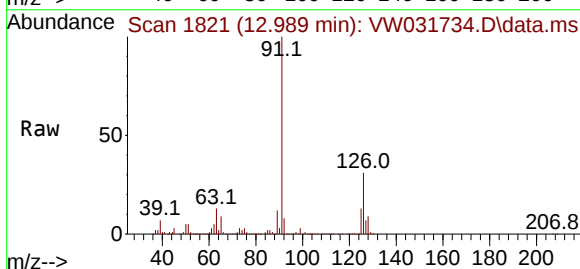
Acq: 30 Jun 2025 12:55

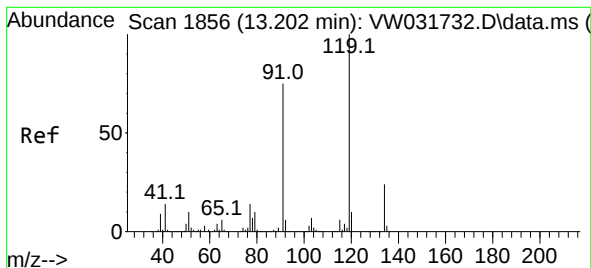
Tgt Ion: 91 Resp: 1410360

Ion Ratio Lower Upper

91 100

126 30.9 16.0 47.9





#83

tert-Butylbenzene

Concen: 166.594 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

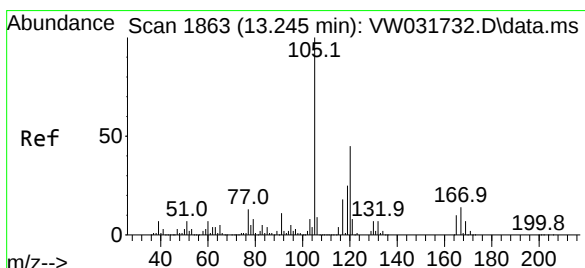
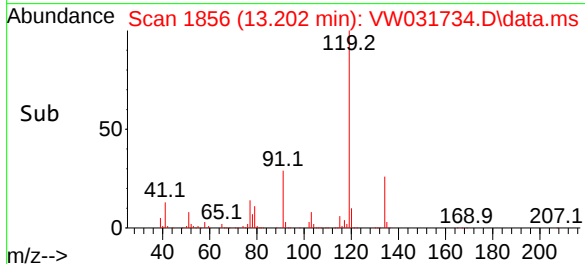
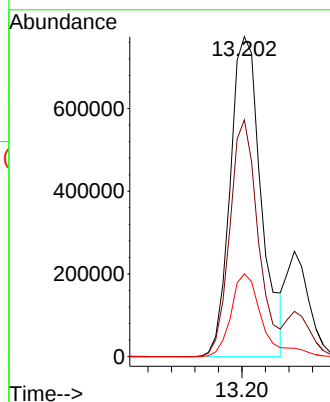
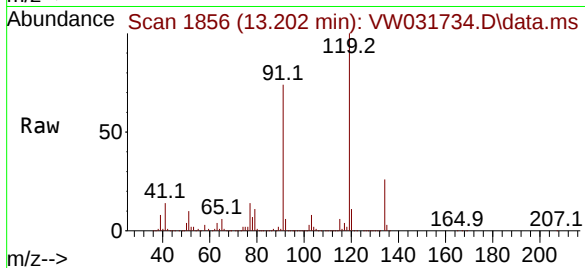
Tgt Ion:119 Resp: 1418313

Ion Ratio Lower Upper

119 100

91 68.0 36.0 108.1

134 26.0 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 159.853 ug/l

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW031734.D

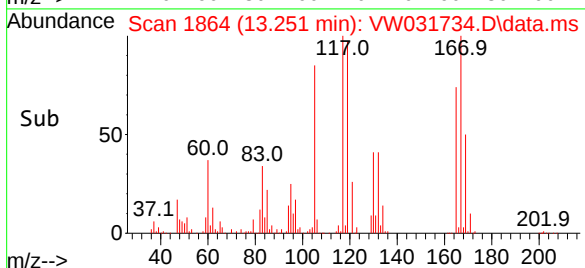
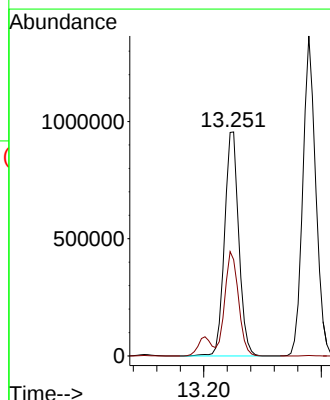
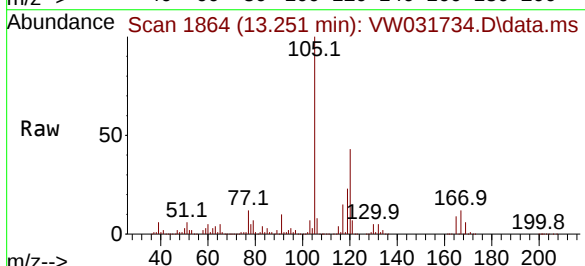
Acq: 30 Jun 2025 12:55

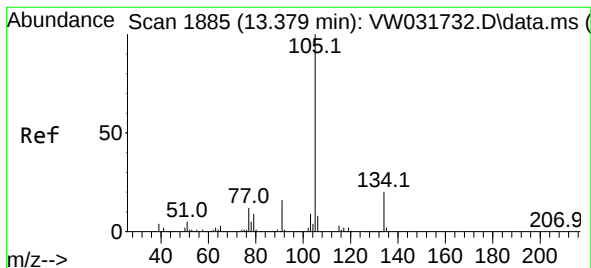
Tgt Ion:105 Resp: 1609766

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.1

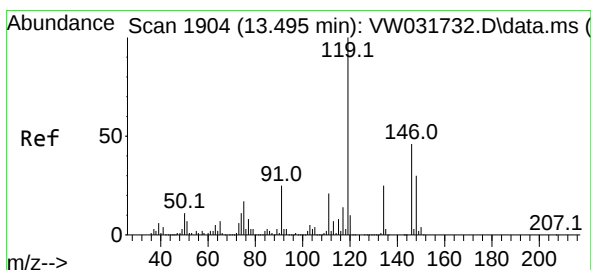
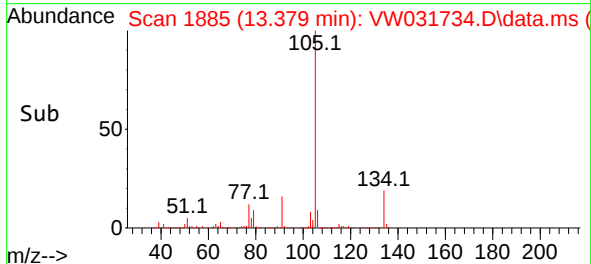
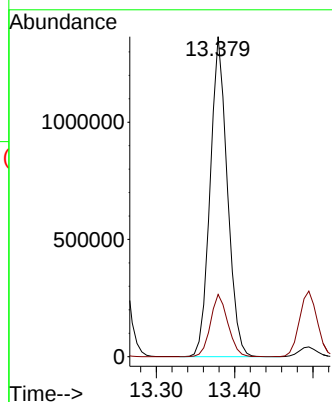
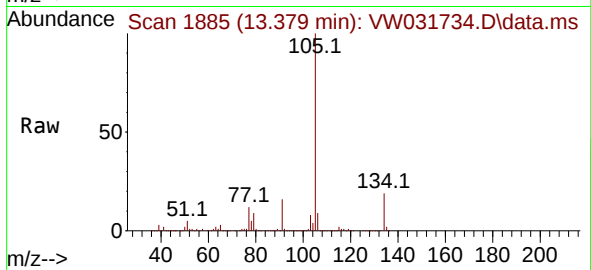




#85
 sec-Butylbenzene
 Concen: 162.545 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

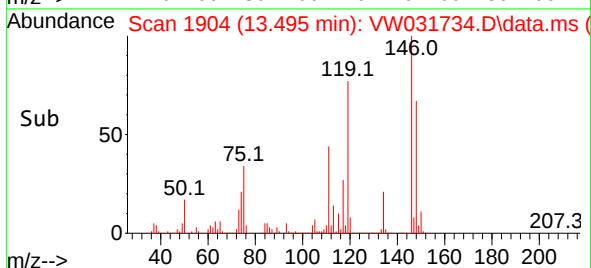
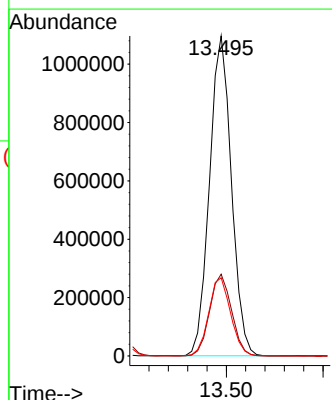
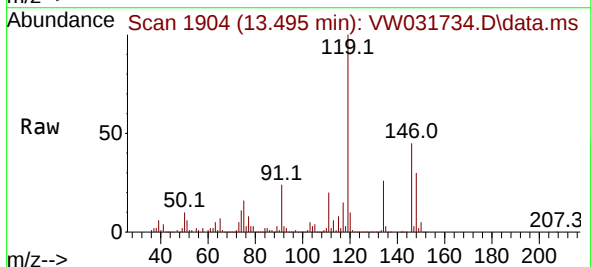
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

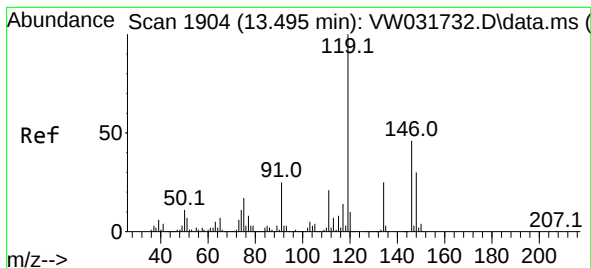
Tgt Ion:105 Resp: 2077110
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 163.804 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031734.D
 Acq: 30 Jun 2025 12:55

Tgt Ion:119 Resp: 1725089
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 24.5 12.7 38.0

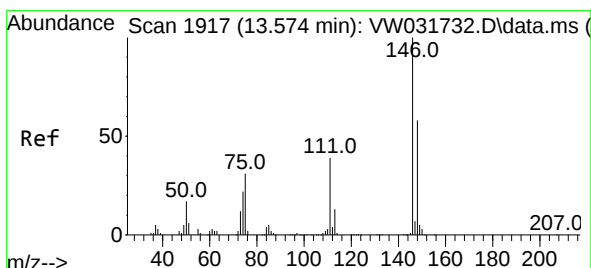
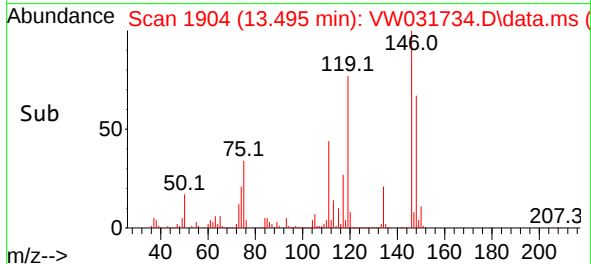
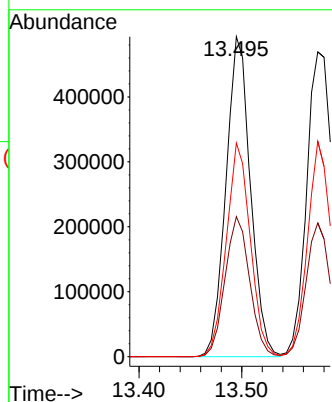
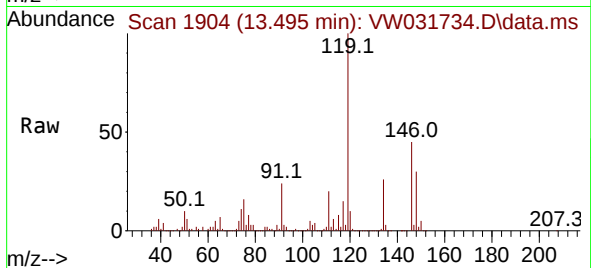




#87
1,3-Dichlorobenzene
Concen: 151.913 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

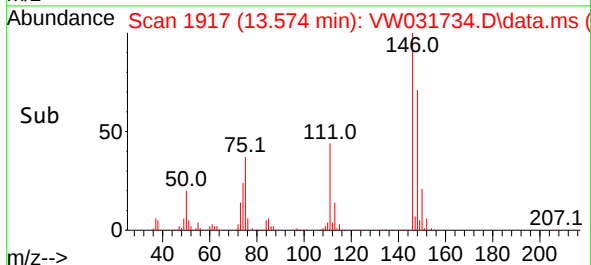
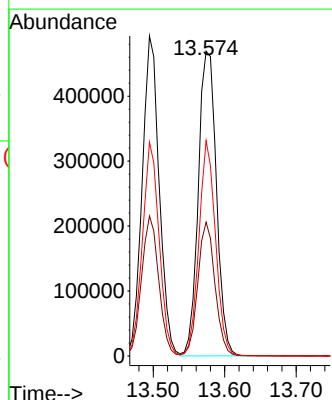
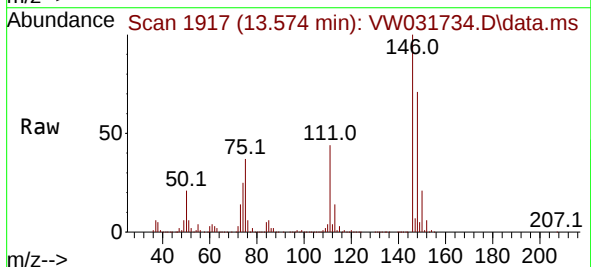
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

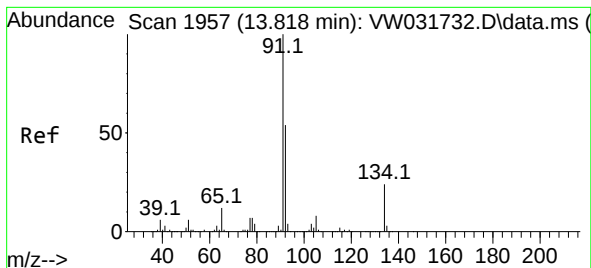
Tgt Ion:146 Resp: 815863
Ion Ratio Lower Upper
146 100
111 44.0 22.3 66.9
148 65.6 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 150.344 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion:146 Resp: 826448
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 64.6 30.2 90.6





#89

n-Butylbenzene

Concen: 162.473 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

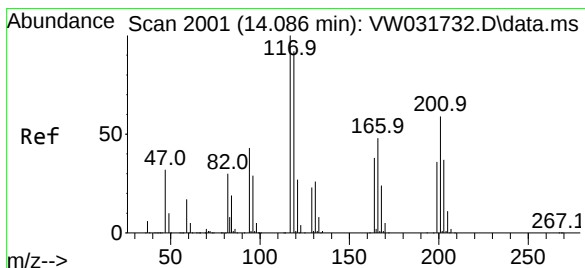
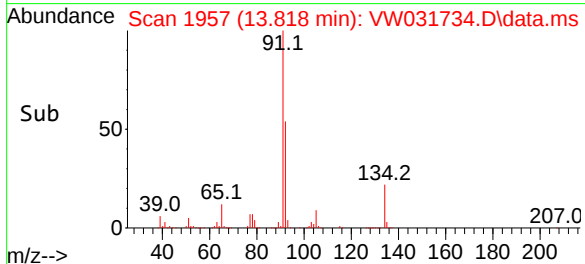
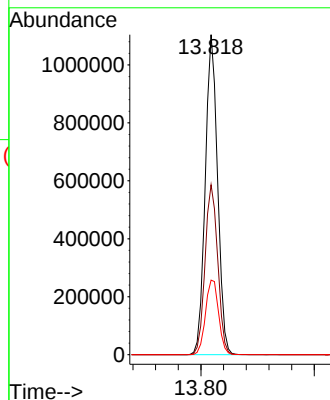
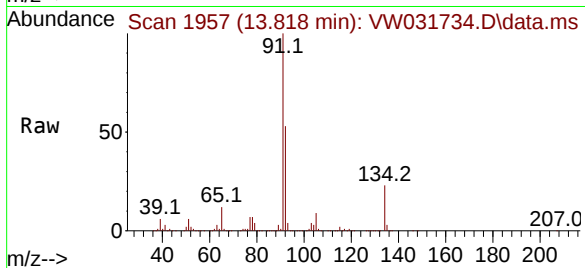
Tgt Ion: 91 Resp: 1662481

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

134 24.8 12.2 36.6



#90

Hexachloroethane

Concen: 168.248 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031734.D

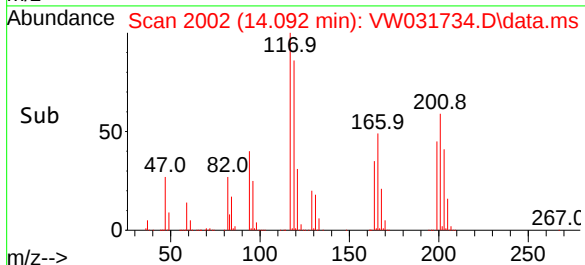
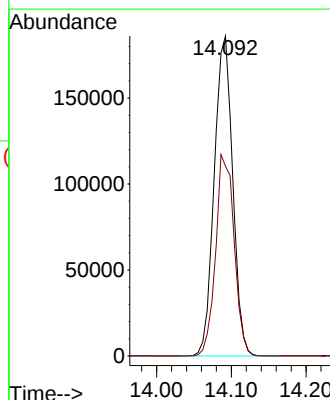
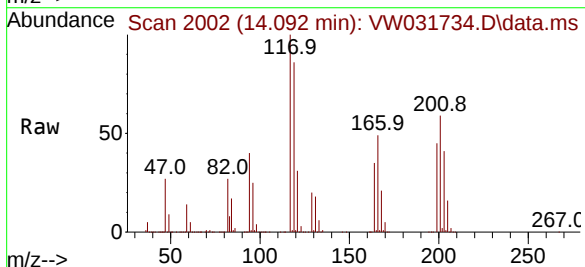
Acq: 30 Jun 2025 12:55

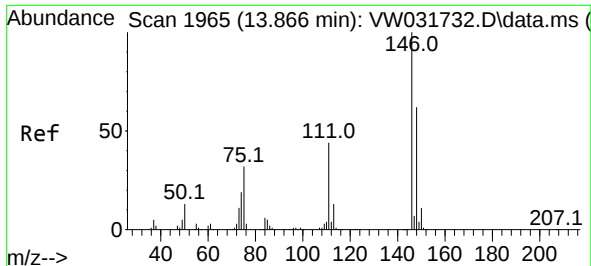
Tgt Ion: 117 Resp: 319664

Ion Ratio Lower Upper

117 100

201 63.1 31.1 93.3

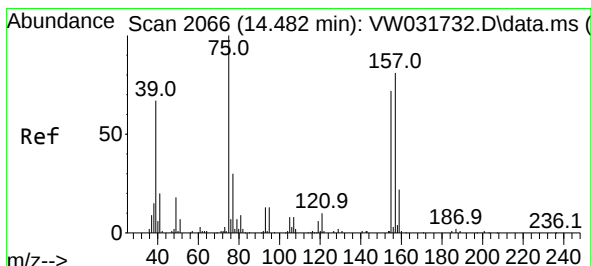
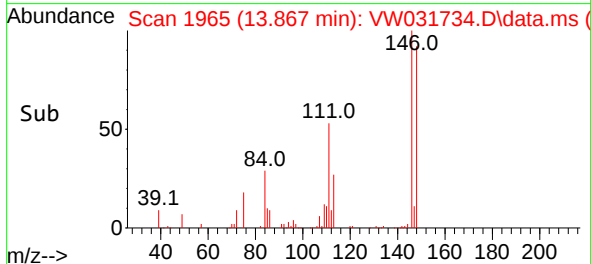
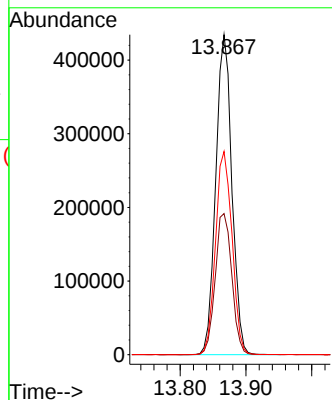
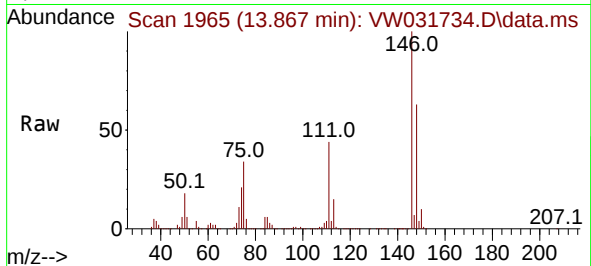




#91
1,2-Dichlorobenzene
Concen: 150.818 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

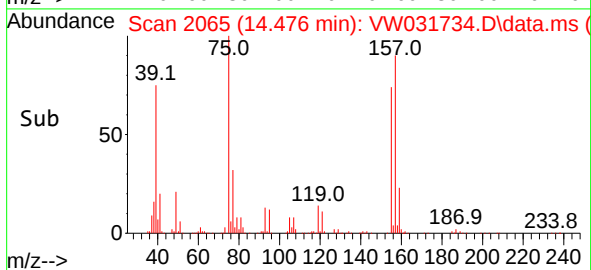
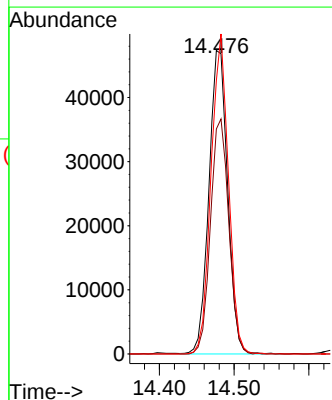
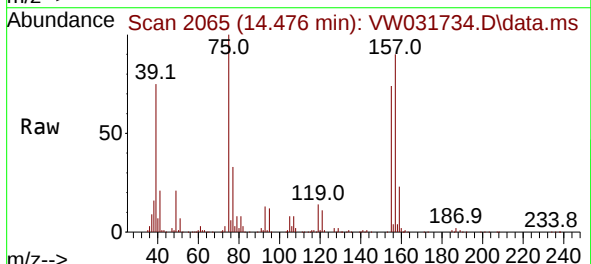
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

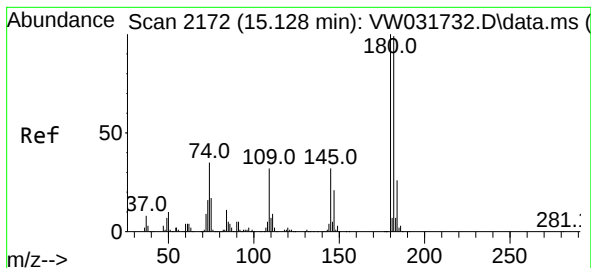
Tgt Ion:146 Resp: 740320
Ion Ratio Lower Upper
146 100
111 45.6 21.7 65.1
148 65.1 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 158.471 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031734.D
Acq: 30 Jun 2025 12:55

Tgt Ion: 75 Resp: 82484
Ion Ratio Lower Upper
75 100
155 75.6 37.2 111.6
157 97.6 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 160.827 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

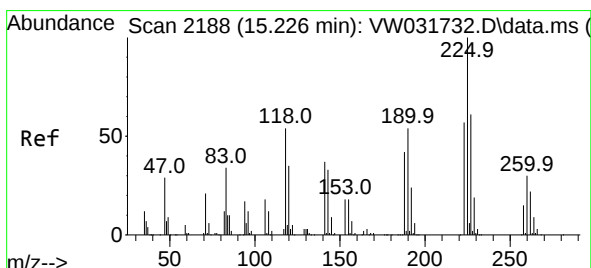
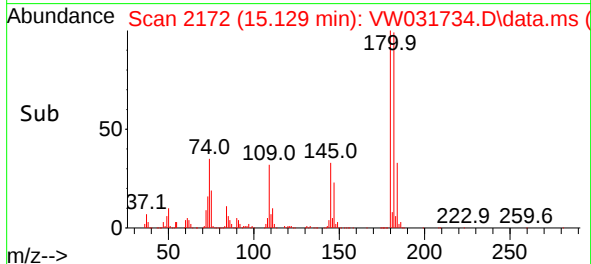
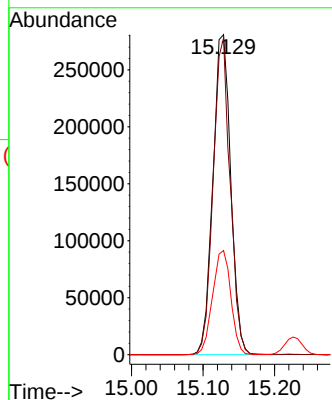
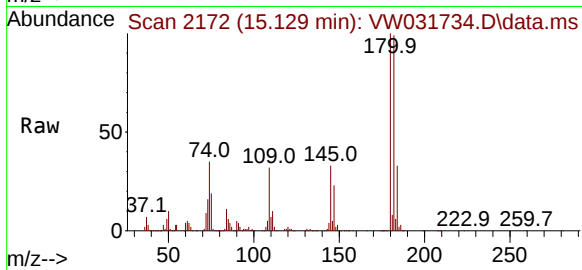
Tgt Ion:180 Resp: 486869

Ion Ratio Lower Upper

180 100

182 94.0 48.6 145.9

145 33.5 17.3 51.7



#94

Hexachlorobutadiene

Concen: 158.470 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

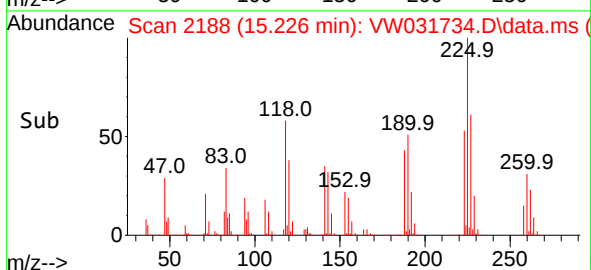
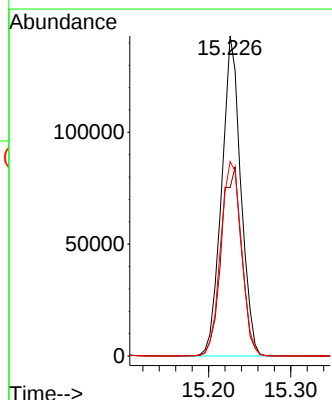
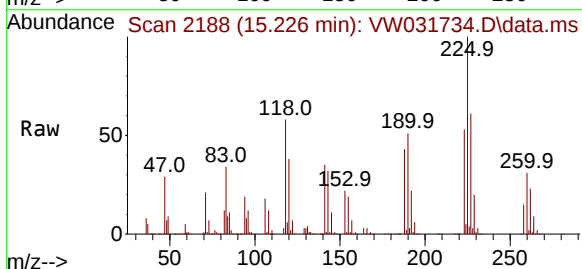
Tgt Ion:225 Resp: 231652

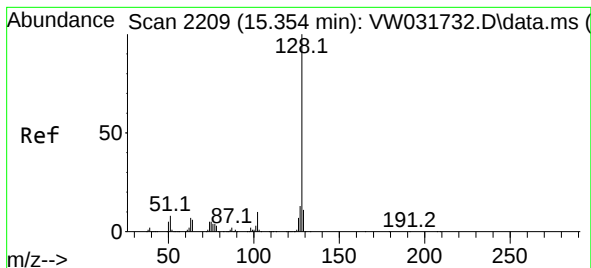
Ion Ratio Lower Upper

225 100

223 62.8 32.6 97.8

227 66.1 37.3 111.8





#95

Naphthalene

Concen: 169.258 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

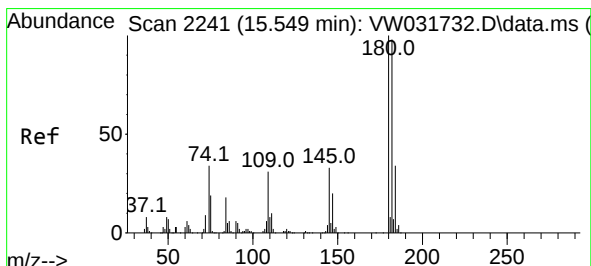
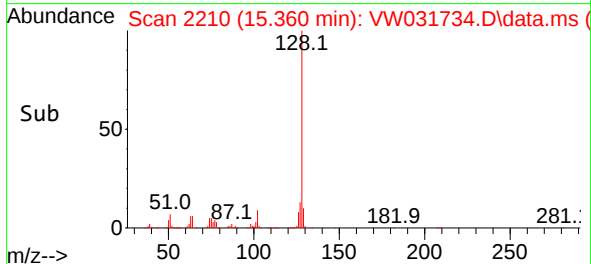
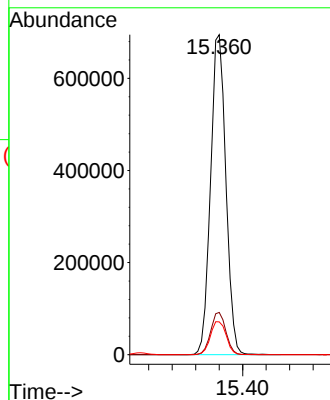
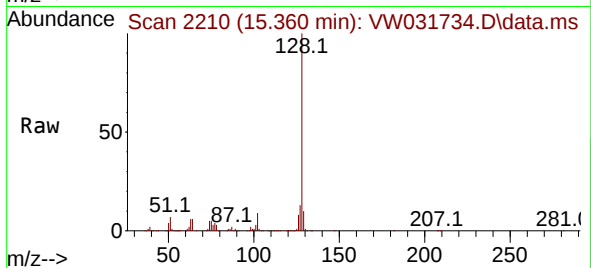
Tgt Ion:128 Resp: 1256199

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 157.584 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031734.D

Acq: 30 Jun 2025 12:55

Tgt Ion:180 Resp: 438342

Ion Ratio Lower Upper

180 100

182 97.0 46.4 139.1

145 35.8 17.8 53.3

