

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
 Data File : VW032444.D
 Acq On : 12 Nov 2025 17:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 05:20:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	368923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	671618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	629032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	292850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	259568	54.574	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 109.140%	
35) Dibromofluoromethane	7.898	113	215947	53.703	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.400%	
50) Toluene-d8	10.325	98	827480	53.640	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 107.280%	
62) 4-Bromofluorobenzene	12.617	95	309804	53.162	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 106.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	98183	52.455	ug/l	96
3) Chloromethane	2.253	50	173185	53.980	ug/l	98
4) Vinyl Chloride	2.405	62	205014	50.632	ug/l	100
5) Bromomethane	2.826	94	141584	52.274	ug/l	91
6) Chloroethane	2.972	64	140458	53.021	ug/l	100
7) Trichlorofluoromethane	3.308	101	159220	50.154	ug/l	97
8) Diethyl Ether	3.722	74	136851	52.726	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	182068	52.649	ug/l	98
10) Methyl Iodide	4.314	142	279970	50.265	ug/l	99
11) Tert butyl alcohol	5.216	59	105461	256.423	ug/l	99
12) 1,1-Dichloroethene	4.076	96	203333	51.277	ug/l	93
13) Acrolein	3.936	56	152000	220.276	ug/l	100
14) Allyl chloride	4.710	41	402986	52.846	ug/l	99
15) Acrylonitrile	5.405	53	414380	276.127	ug/l	100
16) Acetone	4.161	43	376404	264.520	ug/l	98
17) Carbon Disulfide	4.429	76	608028	51.879	ug/l	97
18) Methyl Acetate	4.710	43	192150	54.530	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	433012	51.803	ug/l	99
20) Methylene Chloride	4.960	84	262596	51.602	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	245696	54.188	ug/l	94
22) Diisopropyl ether	6.344	45	853246	54.955	ug/l	97
23) Vinyl Acetate	6.283	43	2965274	278.758	ug/l	99
24) 1,1-Dichloroethane	6.246	63	472655	55.564	ug/l	99
25) 2-Butanone	7.197	43	568062	270.972	ug/l	99
26) 2,2-Dichloropropane	7.191	77	236737	49.937	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	288849	53.315	ug/l	97
28) Bromochloromethane	7.532	49	220724	54.900	ug/l	97
29) Tetrahydrofuran	7.551	42	375731	282.379	ug/l	100
30) Chloroform	7.697	83	465449	55.894	ug/l	100
31) Cyclohexane	7.971	56	396410	50.378	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	316756	53.246	ug/l	98
36) 1,1-Dichloropropene	8.099	75	330070	55.710	ug/l	99
37) Ethyl Acetate	7.276	43	247373	56.149	ug/l	100
38) Carbon Tetrachloride	8.087	117	280027	53.193	ug/l	98
39) Methylcyclohexane	9.343	83	412417	53.733	ug/l	94
40) Benzene	8.337	78	1050935	55.081	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
 Data File : VW032444.D
 Acq On : 12 Nov 2025 17:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 05:20:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	131202	54.213	ug/l	99
42) 1,2-Dichloroethane	8.410	62	316763	56.521	ug/l	100
43) Isopropyl Acetate	8.435	43	426248	54.640	ug/l	99
44) Trichloroethene	9.099	130	242250	54.564	ug/l	88
45) 1,2-Dichloropropane	9.374	63	267629	56.332	ug/l	96
46) Dibromomethane	9.465	93	155703	56.084	ug/l	100
47) Bromodichloromethane	9.654	83	345270	54.520	ug/l	99
48) Methyl methacrylate	9.441	41	201972	54.484	ug/l	94
49) 1,4-Dioxane	9.465	88	44267	1138.202	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	1244421	288.557	ug/l	99
52) Toluene	10.392	92	655180	55.593	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	356993	54.735	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	414242	54.922	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	207870	54.580	ug/l	95
56) Ethyl methacrylate	10.648	69	328893	56.282	ug/l	99
57) 1,3-Dichloropropane	10.934	76	378672	55.668	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	860915	276.641	ug/l	100
59) 2-Hexanone	10.971	43	891330	282.493	ug/l	98
60) Dibromochloromethane	11.129	129	231655	54.467	ug/l	99
61) 1,2-Dibromoethane	11.239	107	205435	55.382	ug/l	99
64) Tetrachloroethene	10.867	164	194180	52.129	ug/l	91
65) Chlorobenzene	11.654	112	718611	53.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	218473	52.068	ug/l	99
67) Ethyl Benzene	11.727	91	1198056	51.070	ug/l	100
68) m/p-Xylenes	11.837	106	932091	105.824	ug/l	98
69) o-Xylene	12.166	106	453608	53.786	ug/l	97
70) Styrene	12.178	104	775733	53.470	ug/l	99
71) Bromoform	12.349	173	122259	49.193	ug/l #	99
73) Isopropylbenzene	12.458	105	1113839	51.787	ug/l	99
74) N-amyl acetate	12.269	43	400412	53.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	271961	53.280	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	346560	86.307	ug/l	31
77) Bromobenzene	12.745	156	265687	52.174	ug/l	98
78) n-propylbenzene	12.800	91	1409213	53.802	ug/l	99
79) 2-Chlorotoluene	12.891	91	848664	53.077	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	962342	54.235	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	92590	52.814	ug/l	98
82) 4-Chlorotoluene	12.983	91	885565	53.250	ug/l	100
83) tert-Butylbenzene	13.202	119	794741	51.488	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	949789	52.627	ug/l	100
85) sec-Butylbenzene	13.379	105	1211779	52.713	ug/l	99
86) p-Isopropyltoluene	13.495	119	985767	51.936	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	519016	53.757	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	502615	50.813	ug/l	98
89) n-Butylbenzene	13.818	91	972150	52.426	ug/l	98
90) Hexachloroethane	14.086	117	174527	50.999	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	475258	53.622	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	44660	50.789	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	287093	50.901	ug/l	97
94) Hexachlorobutadiene	15.232	225	124535	53.154	ug/l	94
95) Naphthalene	15.360	128	758387	53.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	268899	52.513	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
Data File : VW032444.D
Acq On : 12 Nov 2025 17:04
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

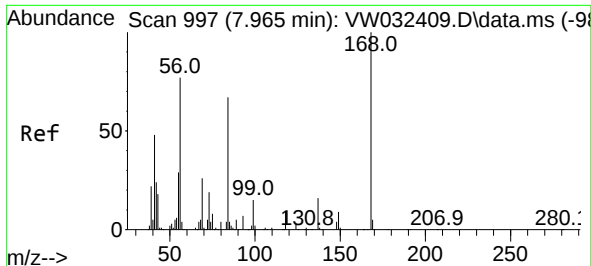
Quant Time: Nov 14 05:20:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

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

Quant Time: Nov 14 05:20:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

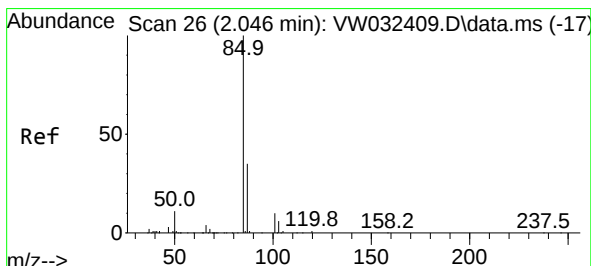
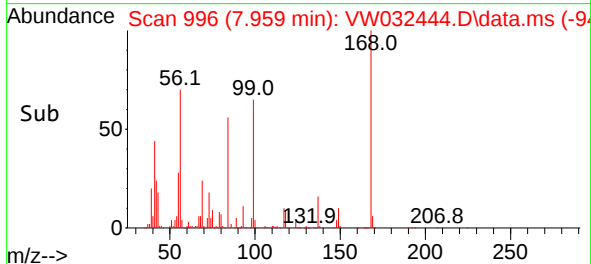
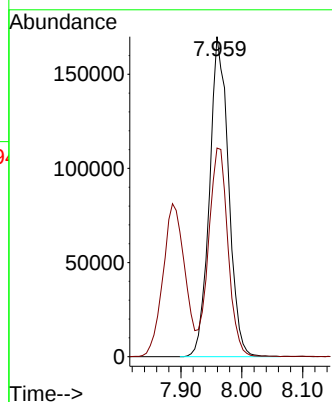
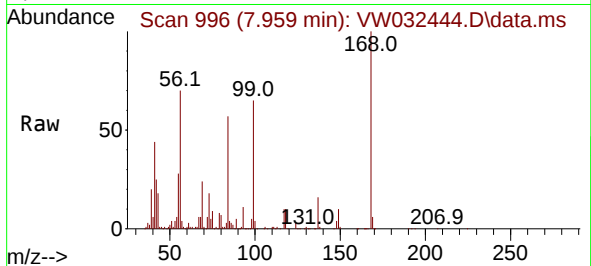




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

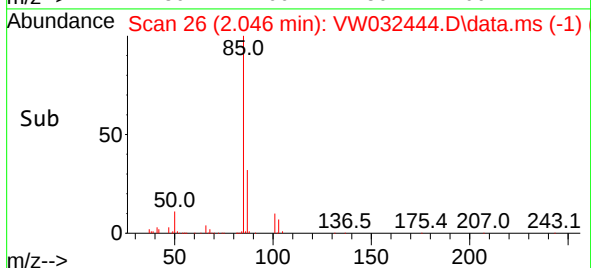
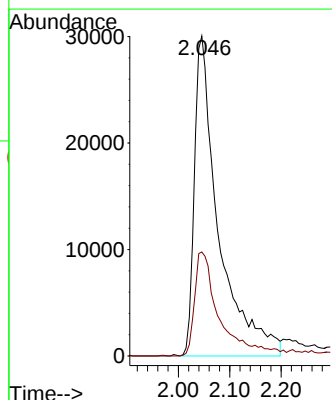
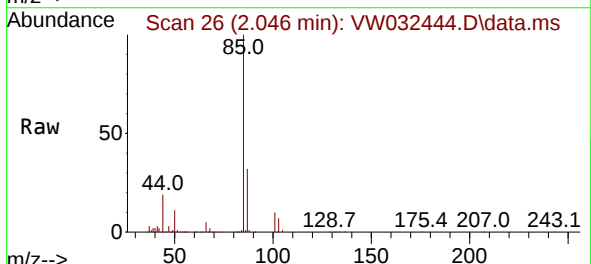
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

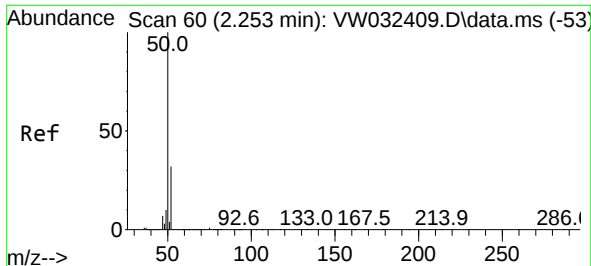
Tgt Ion:168 Resp: 368923
Ion Ratio Lower Upper
168 100
99 65.1 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 52.455 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 85 Resp: 98183
Ion Ratio Lower Upper
85 100
87 32.5 17.4 52.2

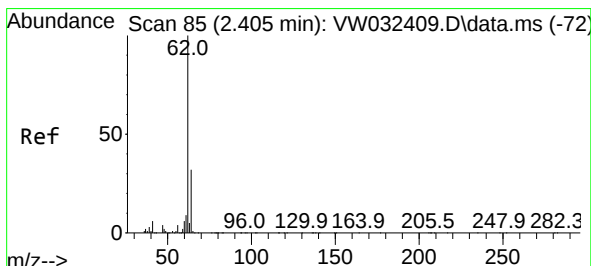
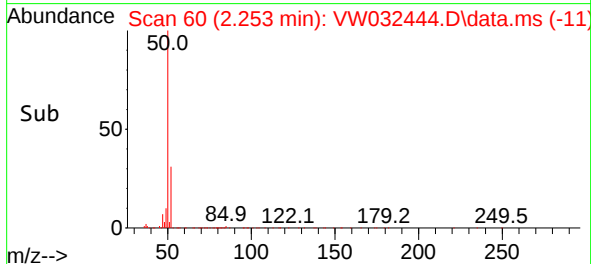
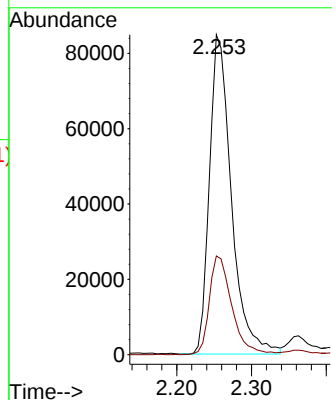
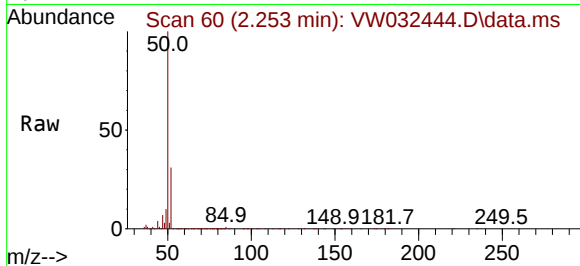




#3
Chloromethane
Concen: 53.980 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

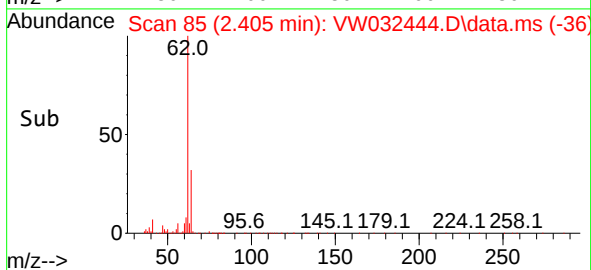
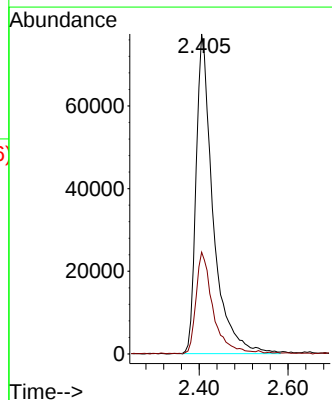
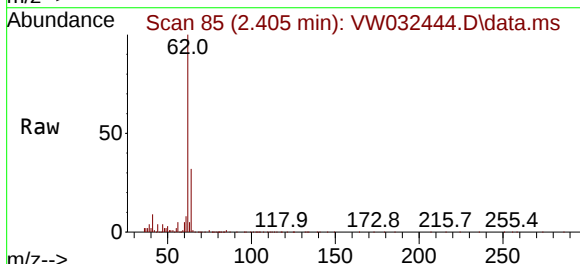
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

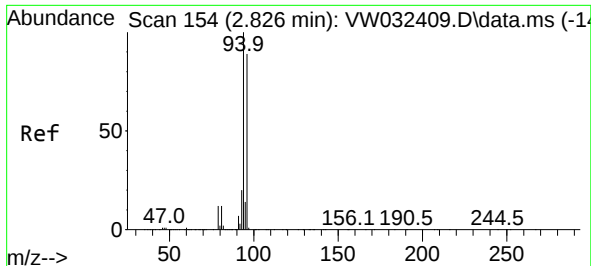
Tgt Ion: 50 Resp: 173185
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3



#4
Vinyl Chloride
Concen: 50.632 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 62 Resp: 205014
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8

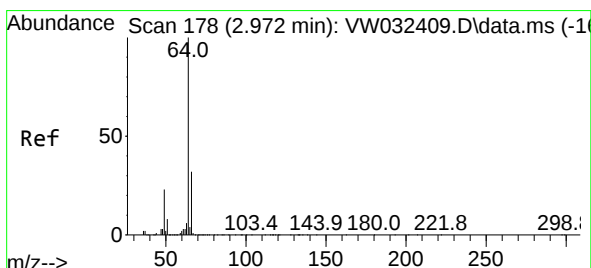
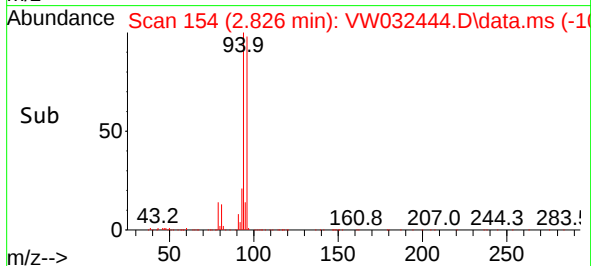
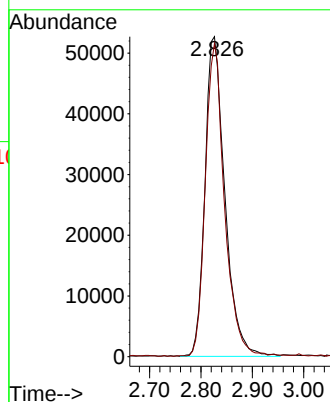
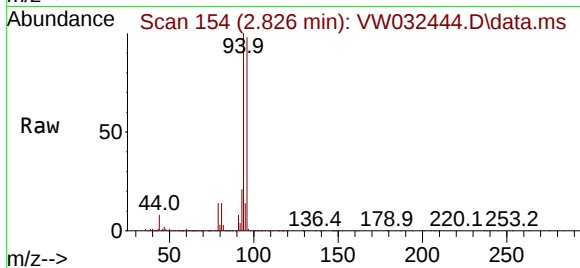




#5
Bromomethane
Concen: 52.274 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

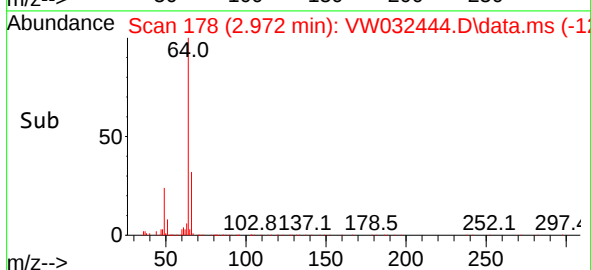
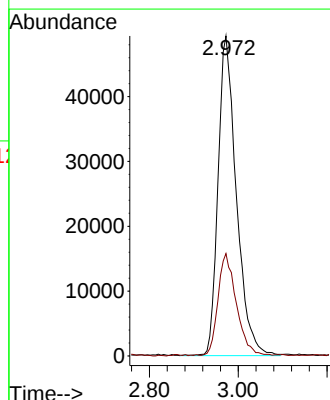
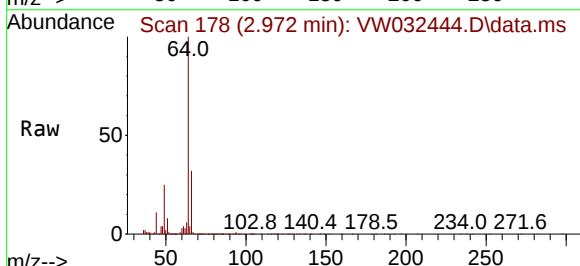
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

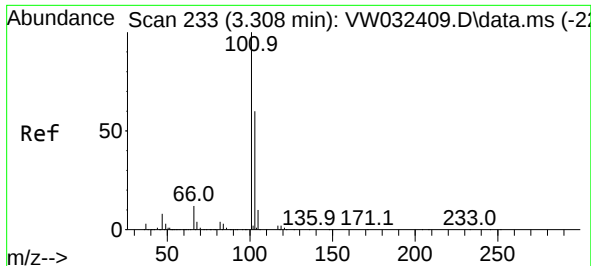
Tgt Ion: 94 Resp: 141584
Ion Ratio Lower Upper
94 100
96 97.6 71.4 107.2



#6
Chloroethane
Concen: 53.021 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 64 Resp: 140458
Ion Ratio Lower Upper
64 100
66 31.8 25.6 38.4

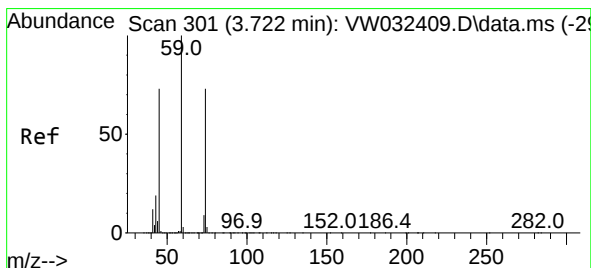
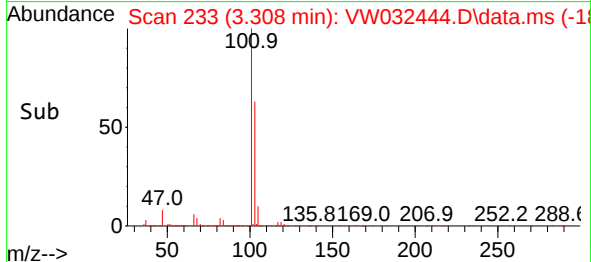
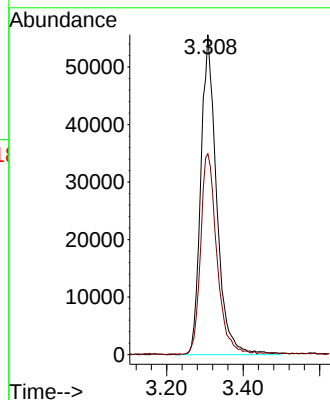
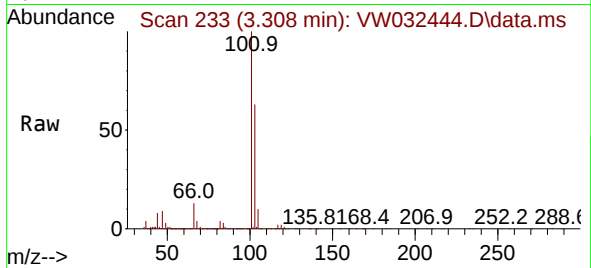




#7
 Trichlorofluoromethane
 Concen: 50.154 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

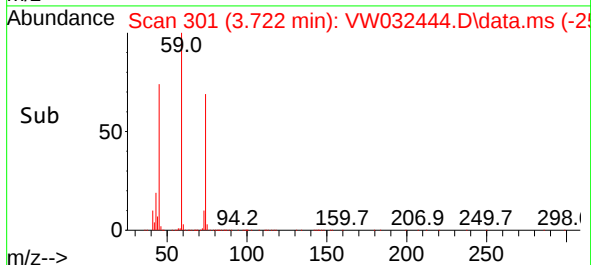
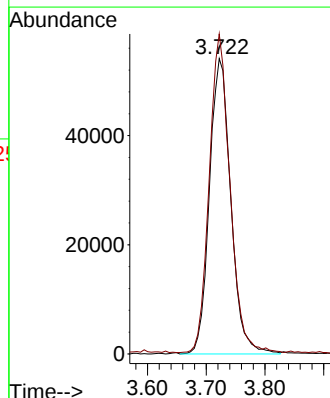
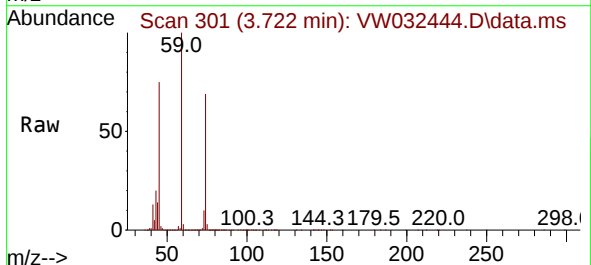
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

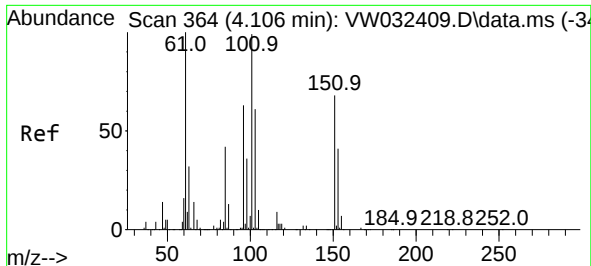
Tgt Ion:101 Resp: 159220
 Ion Ratio Lower Upper
 101 100
 103 62.5 48.0 72.0



#8
 Diethyl Ether
 Concen: 52.726 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

Tgt Ion: 74 Resp: 136851
 Ion Ratio Lower Upper
 74 100
 45 104.5 51.8 155.4

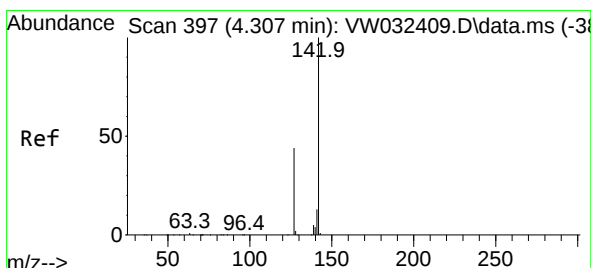
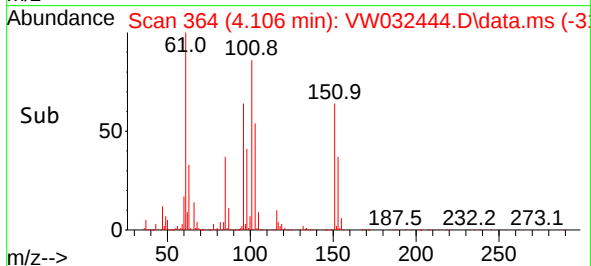
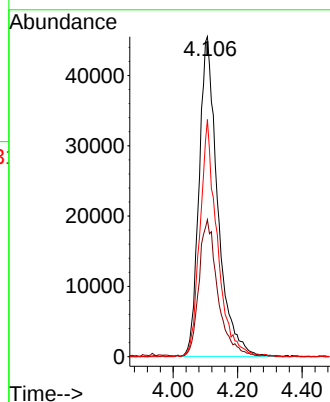
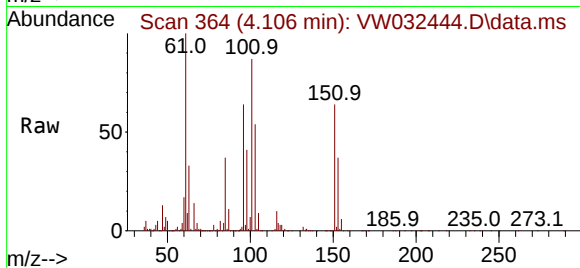




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.649 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

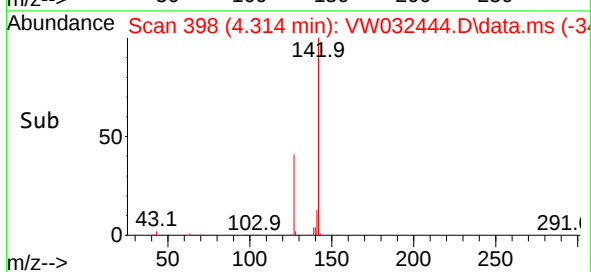
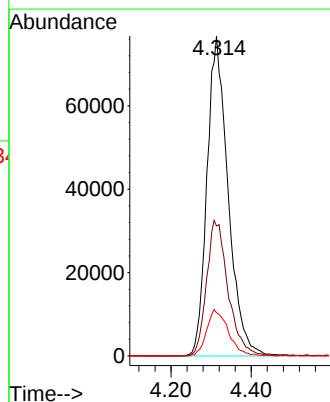
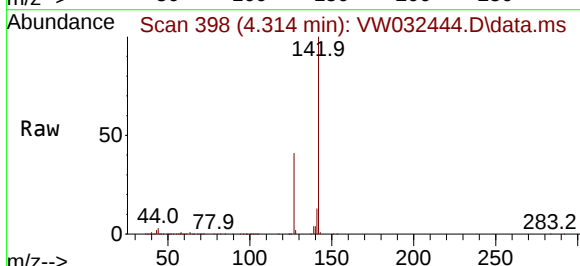
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

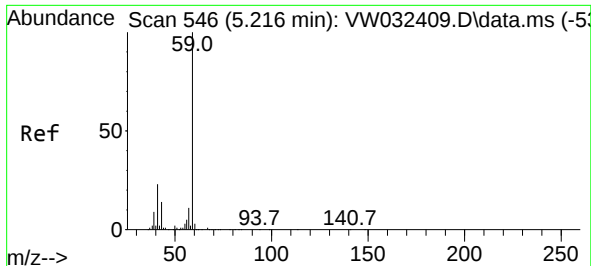
Tgt Ion:101 Resp: 182068
Ion Ratio Lower Upper
101 100
85 43.7 34.1 51.1
151 68.6 56.4 84.6



#10
Methyl Iodide
Concen: 50.265 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion:142 Resp: 279970
Ion Ratio Lower Upper
142 100
127 43.3 34.2 51.2
141 14.9 11.8 17.8

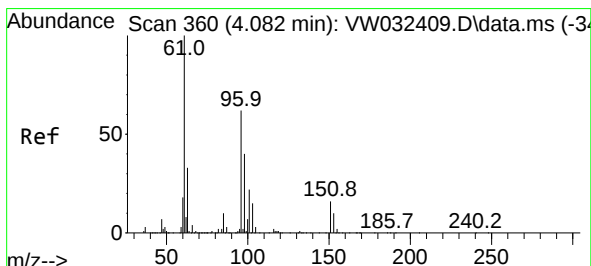
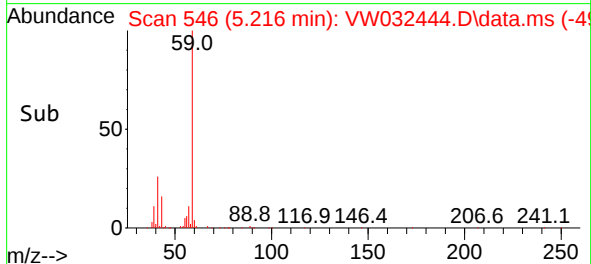
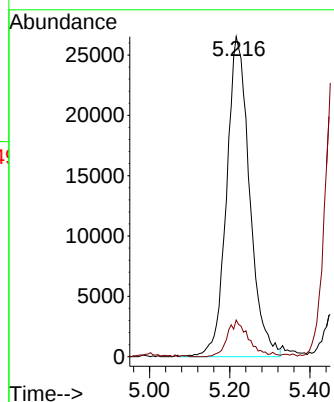
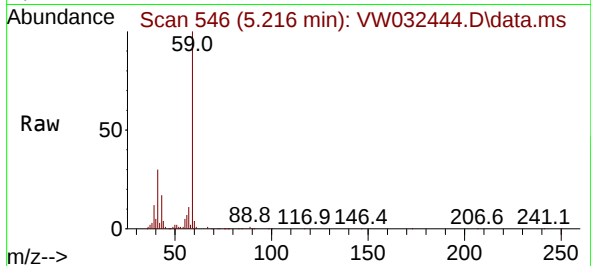




#11
Tert butyl alcohol
Concen: 256.423 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

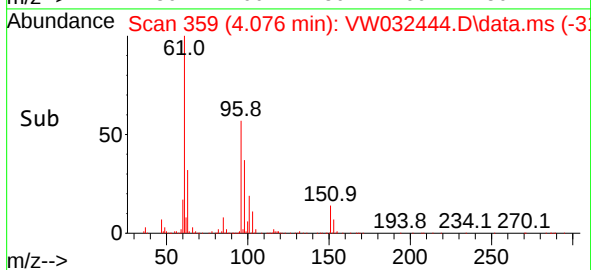
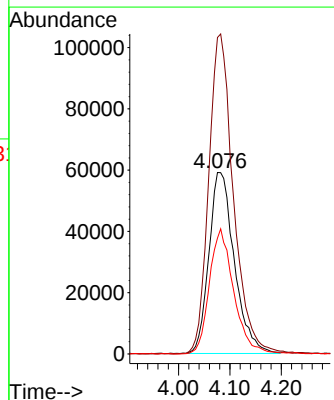
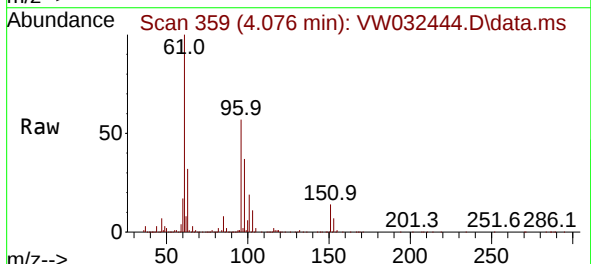
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

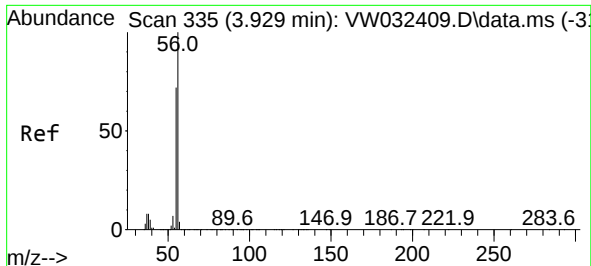
Tgt Ion: 59 Resp: 105461
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 51.277 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 96 Resp: 203333
Ion Ratio Lower Upper
96 100
61 174.8 129.0 193.6
98 64.0 51.1 76.7

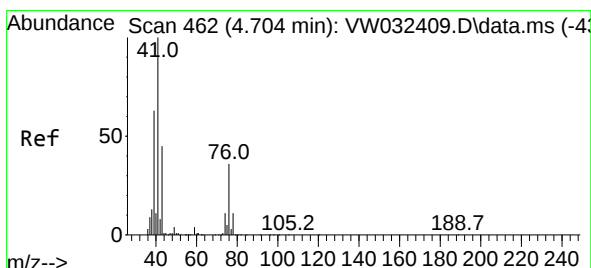
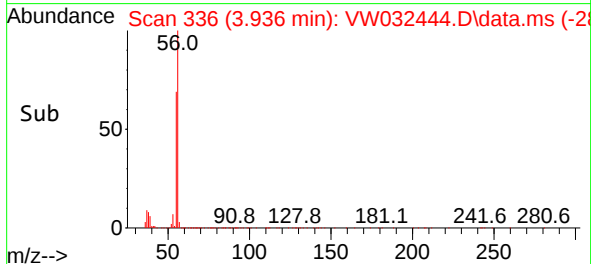
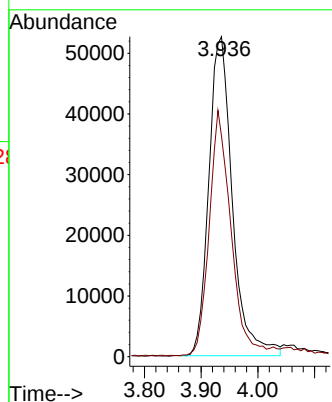
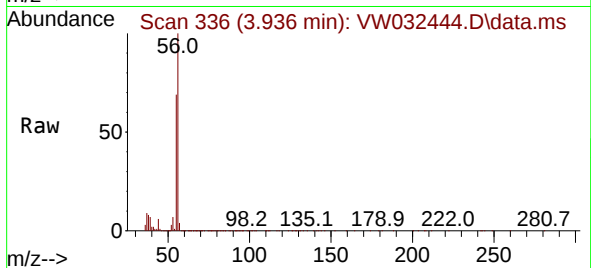




#13
Acrolein
Concen: 220.276 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

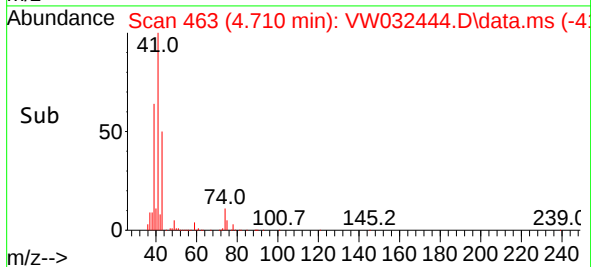
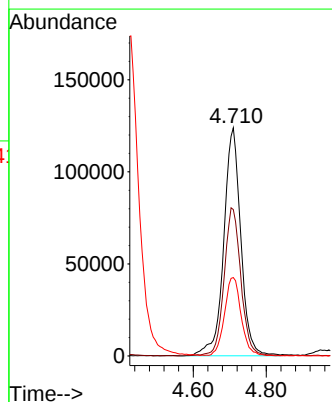
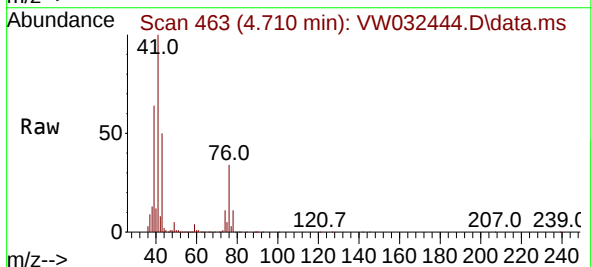
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

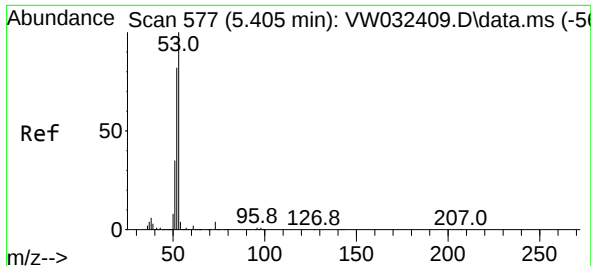
Tgt Ion: 56 Resp: 152000
Ion Ratio Lower Upper
56 100
55 70.5 56.3 84.5



#14
Allyl chloride
Concen: 52.846 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 41 Resp: 402986
Ion Ratio Lower Upper
41 100
39 63.8 50.2 75.2
76 33.4 27.0 40.6

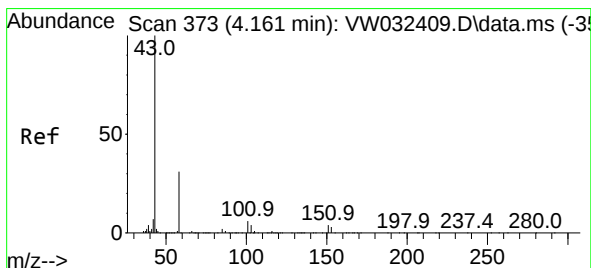
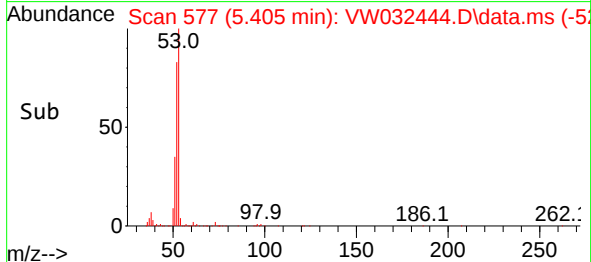
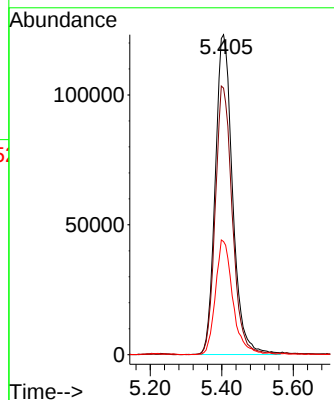
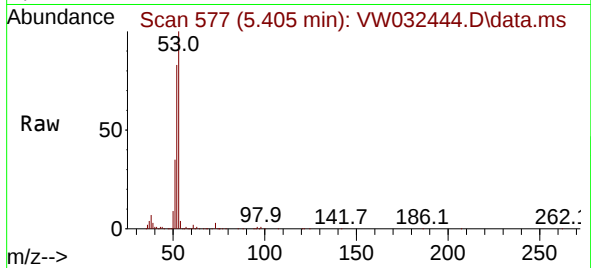




#15
Acrylonitrile
Concen: 276.127 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

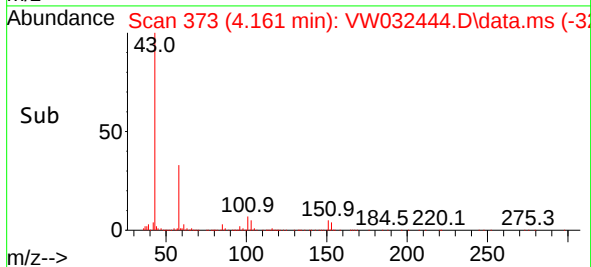
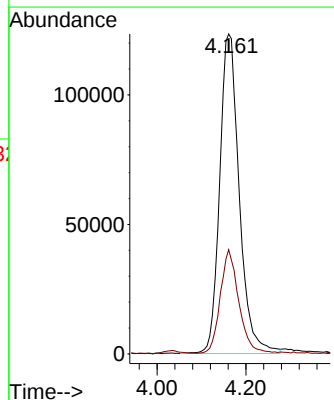
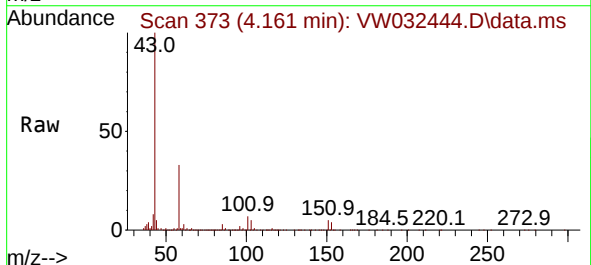
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

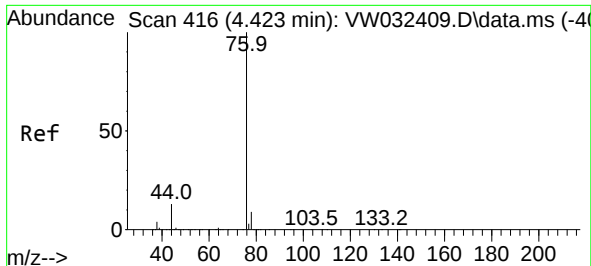
Tgt Ion: 53 Resp: 414380
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 35.8 28.6 43.0



#16
Acetone
Concen: 264.520 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 43 Resp: 376404
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2

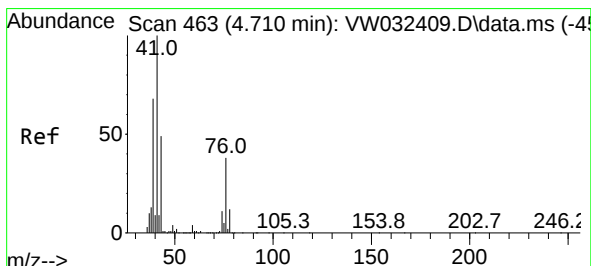
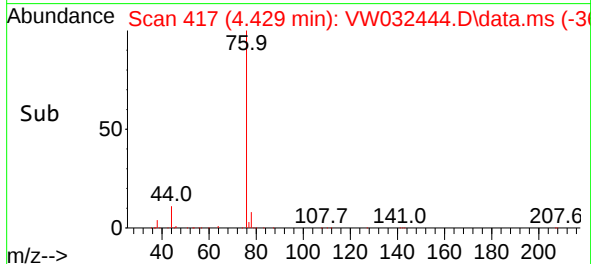
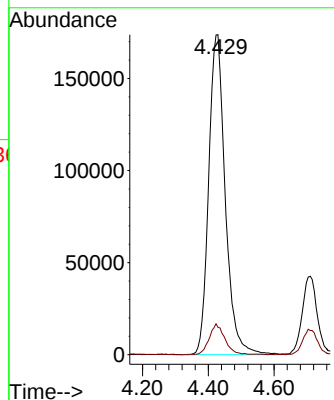
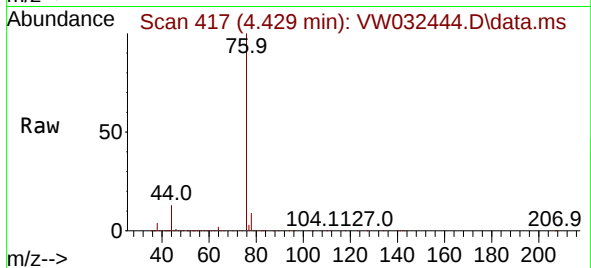




#17
Carbon Disulfide
Concen: 51.879 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

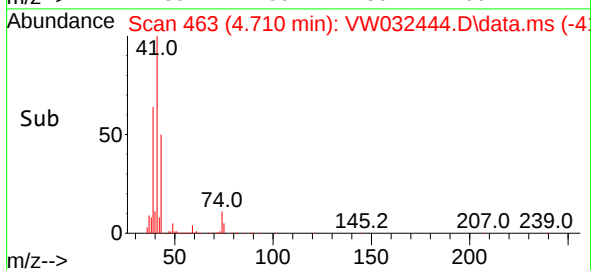
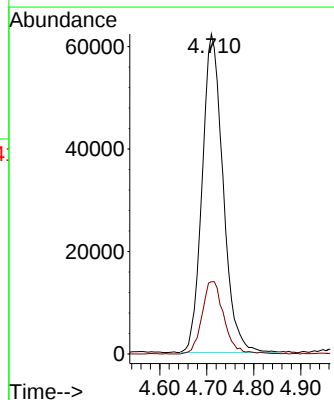
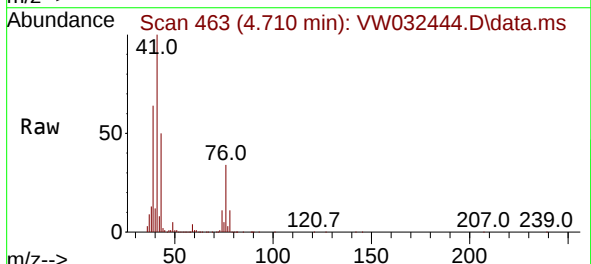
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

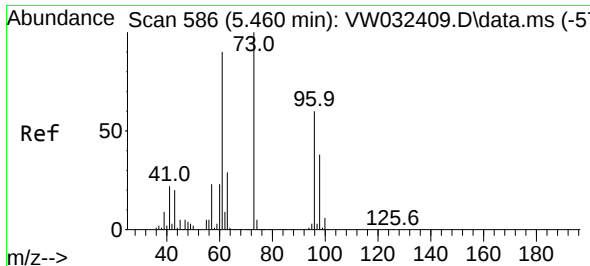
Tgt Ion: 76 Resp: 608028
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 54.530 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 43 Resp: 192150
Ion Ratio Lower Upper
43 100
74 23.5 18.9 28.3

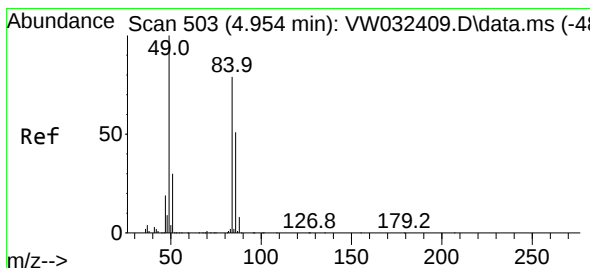
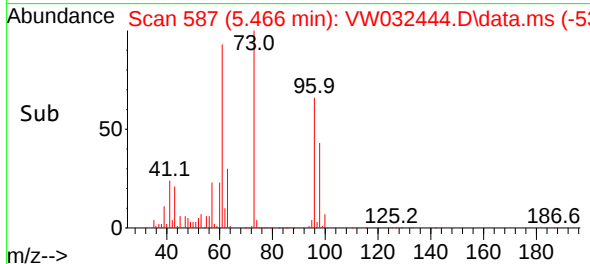
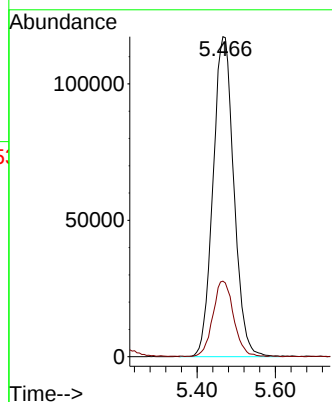
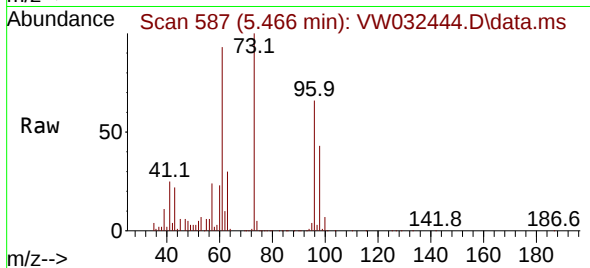




#19
Methyl tert-butyl Ether
Concen: 51.803 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

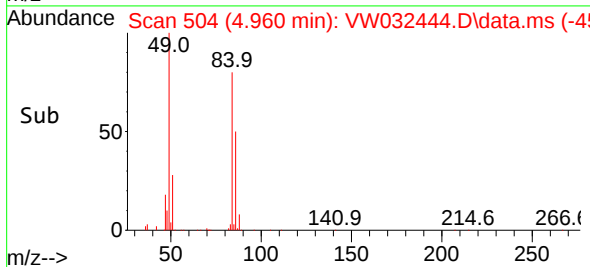
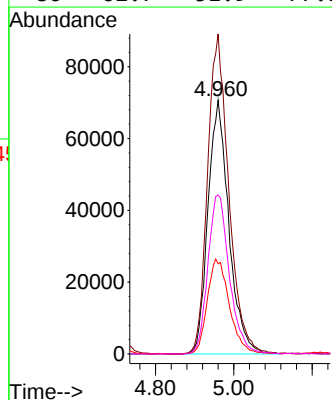
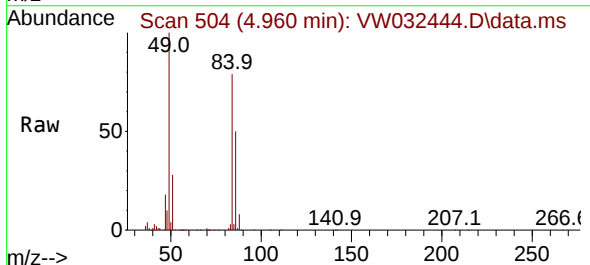
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

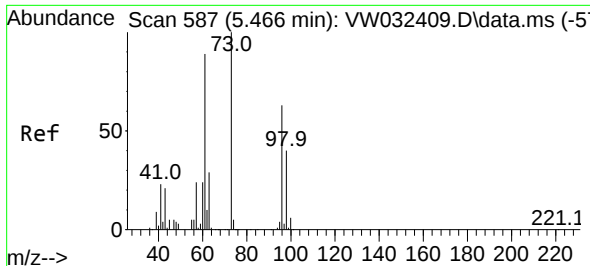
Tgt Ion: 73 Resp: 433012
Ion Ratio Lower Upper
73 100
57 23.5 18.3 27.5



#20
Methylene Chloride
Concen: 51.602 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 84 Resp: 262596
Ion Ratio Lower Upper
84 100
49 126.2 101.5 152.3
51 35.6 30.6 46.0
86 62.7 51.9 77.9

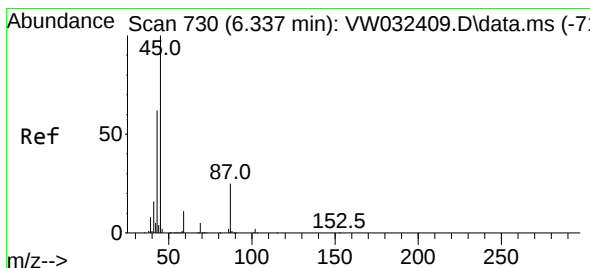
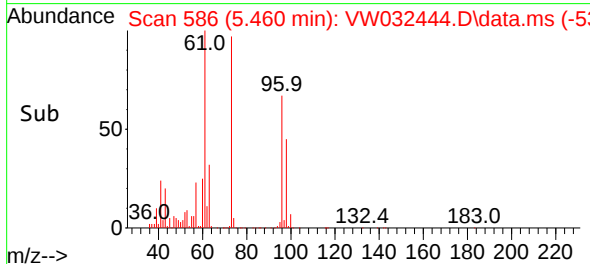
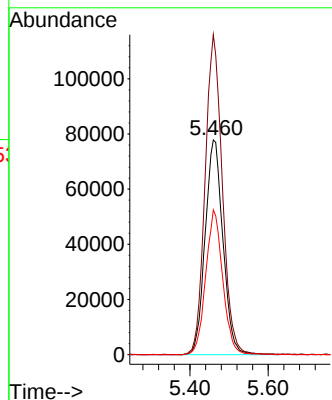
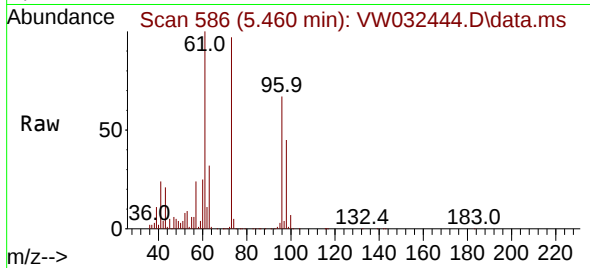




#21
trans-1,2-Dichloroethene
Concen: 54.188 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

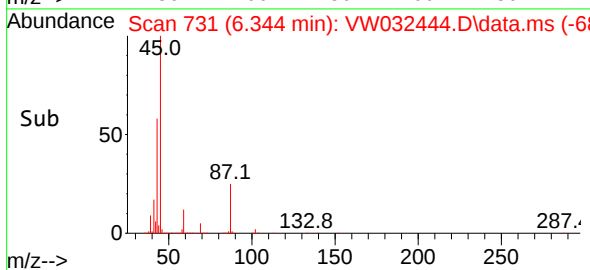
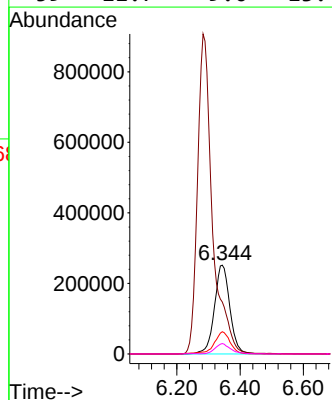
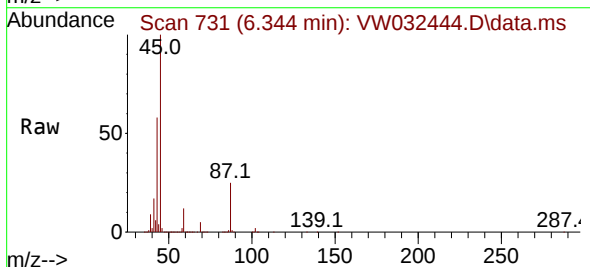
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

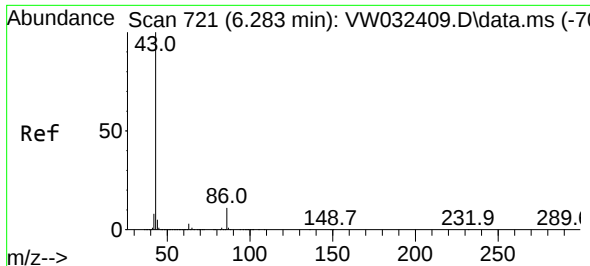
Tgt Ion: 96 Resp: 245696
Ion Ratio Lower Upper
96 100
61 149.0 112.5 168.7
98 67.4 51.1 76.7



#22
Diisopropyl ether
Concen: 54.955 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 45 Resp: 853246
Ion Ratio Lower Upper
45 100
43 58.4 49.4 74.2
87 25.0 20.1 30.1
59 11.7 9.0 13.4

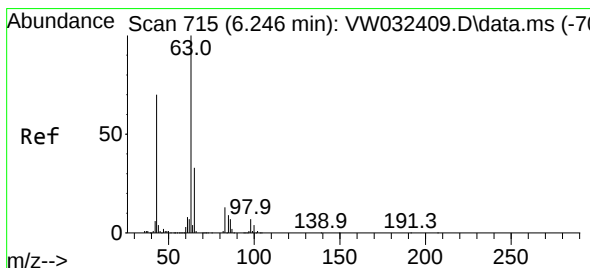
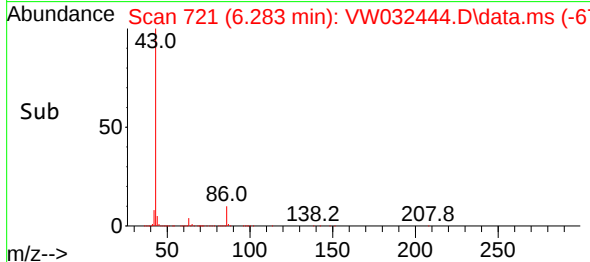
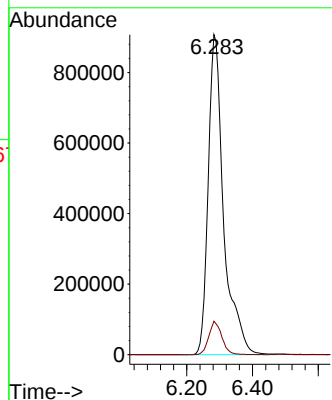
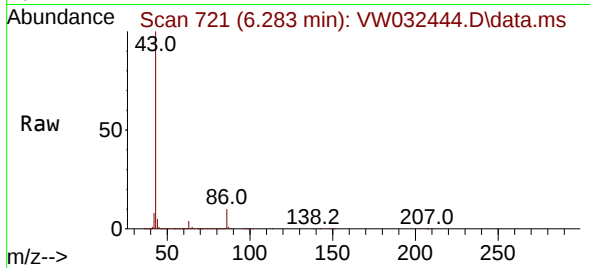




#23
 Vinyl Acetate
 Concen: 278.758 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

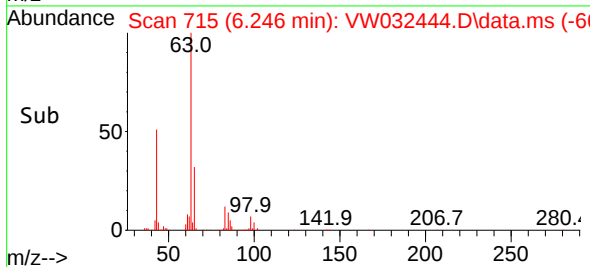
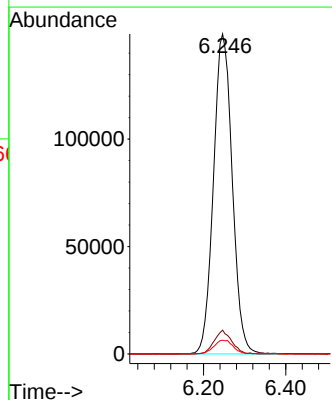
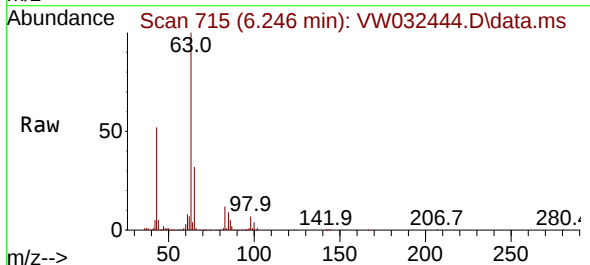
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

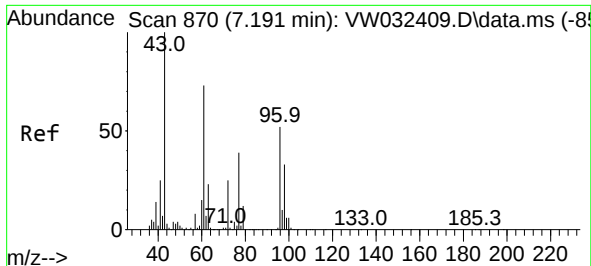
Tgt Ion: 43 Resp: 2965274
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 55.564 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

Tgt Ion: 63 Resp: 472655
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.3 2.3 6.8

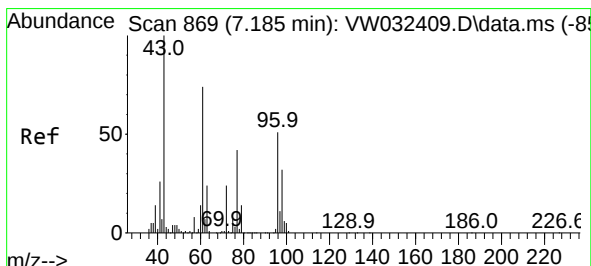
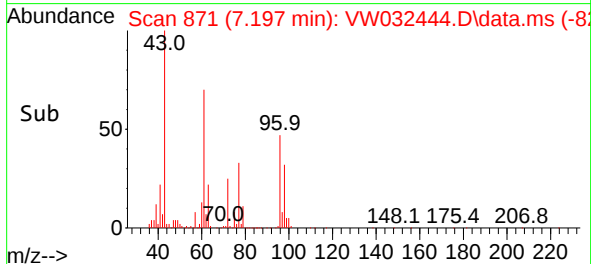
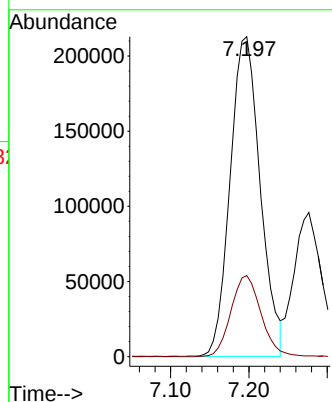
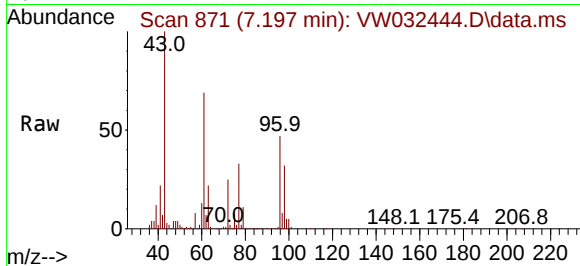




#25
2-Butanone
Concen: 270.972 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

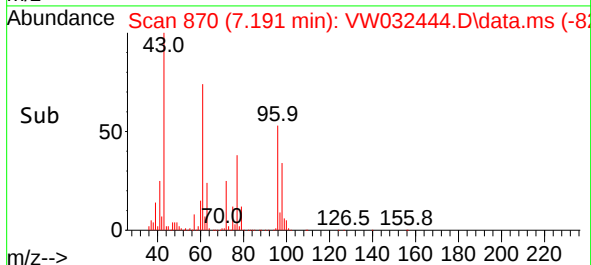
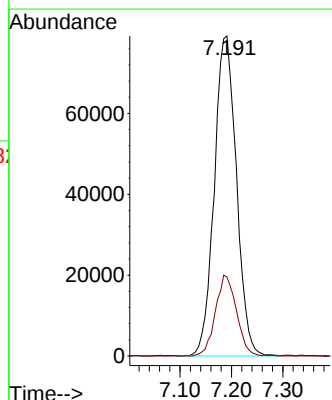
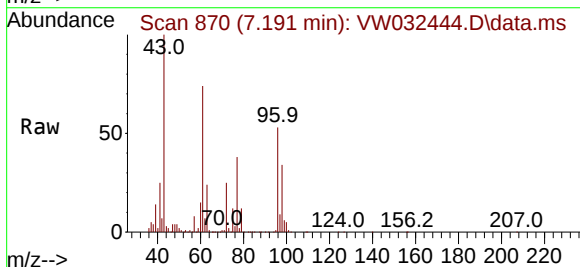
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

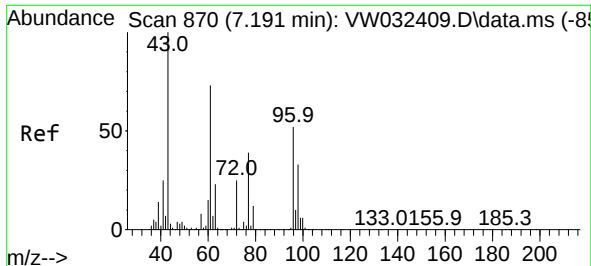
Tgt Ion: 43 Resp: 568062
Ion Ratio Lower Upper
43 100
72 25.3 20.0 30.0



#26
2,2-Dichloropropane
Concen: 49.937 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 77 Resp: 236737
Ion Ratio Lower Upper
77 100
97 24.0 12.3 36.8



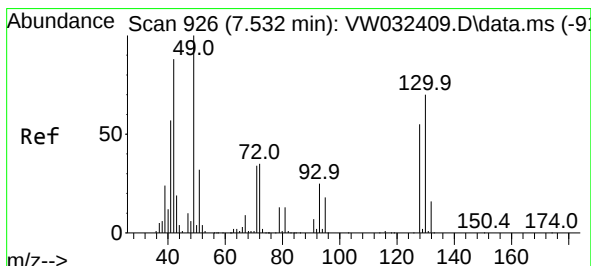
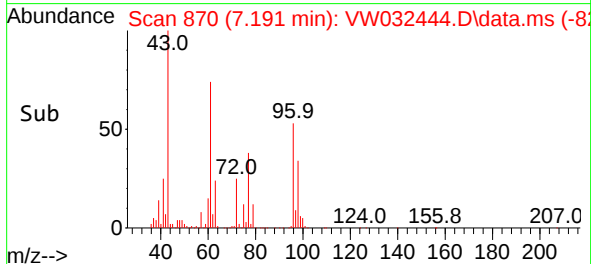
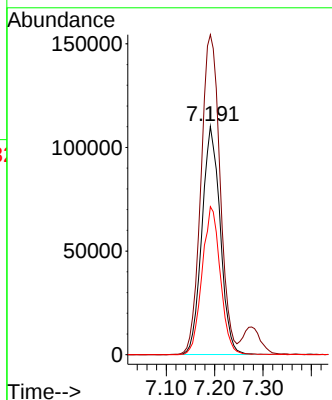
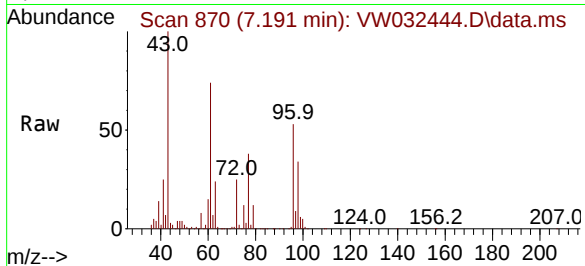


#27
 cis-1,2-Dichloroethene
 Concen: 53.315 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 288849

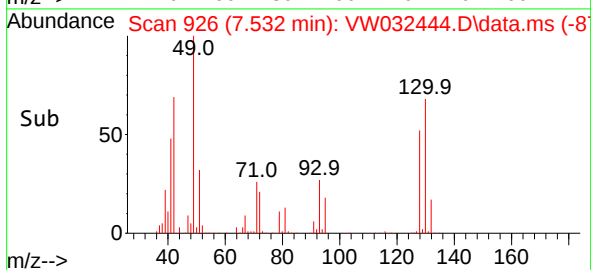
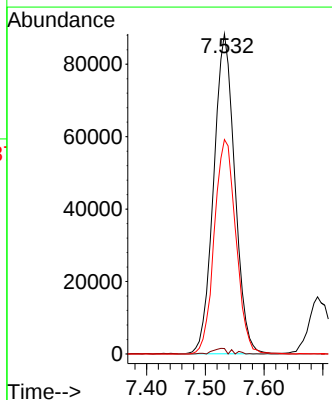
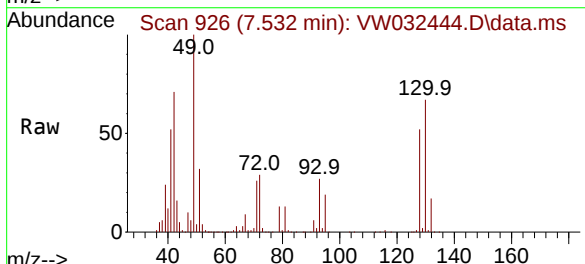
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	282.6
98	65.0	0.0	128.6

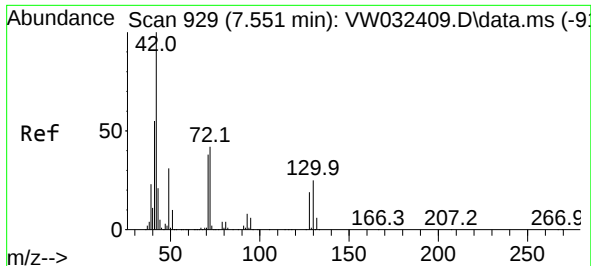


#28
 Bromochloromethane
 Concen: 54.900 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

Tgt Ion: 49 Resp: 220724

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	68.6	56.9	85.3





#29

Tetrahydrofuran

Concen: 282.379 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

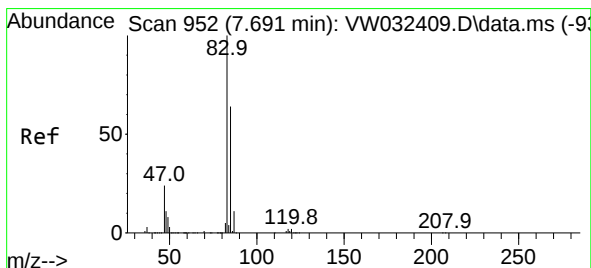
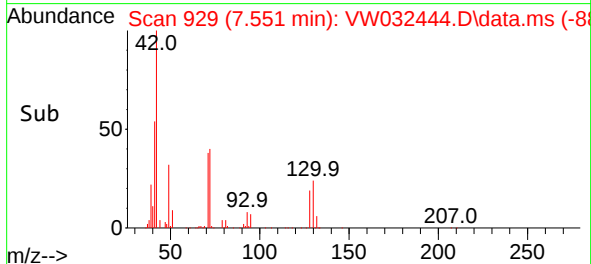
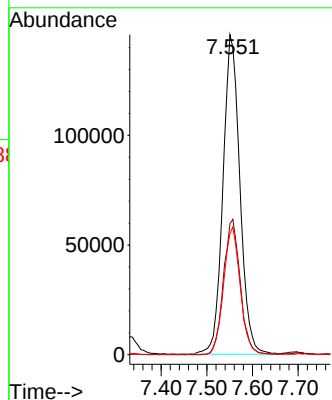
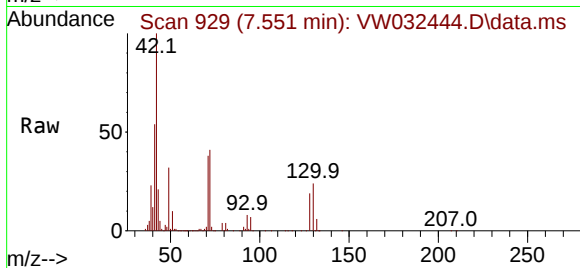
Tgt Ion: 42 Resp: 375731

Ion Ratio Lower Upper

42 100

72 41.8 33.6 50.4

71 39.4 31.4 47.0



#30

Chloroform

Concen: 55.894 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032444.D

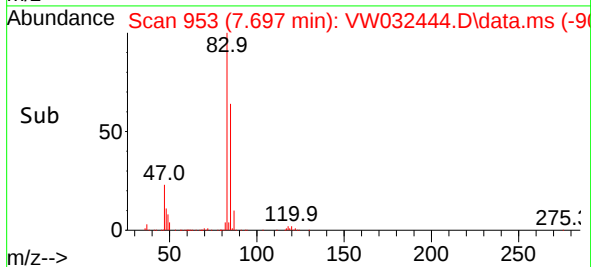
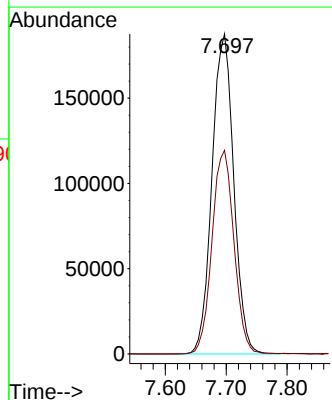
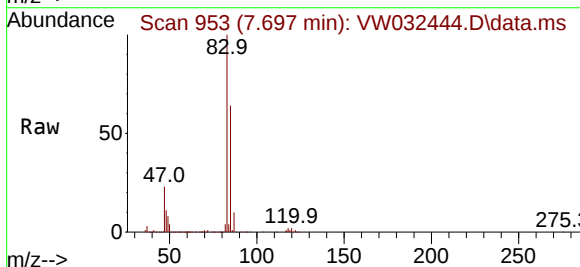
Acq: 12 Nov 2025 17:04

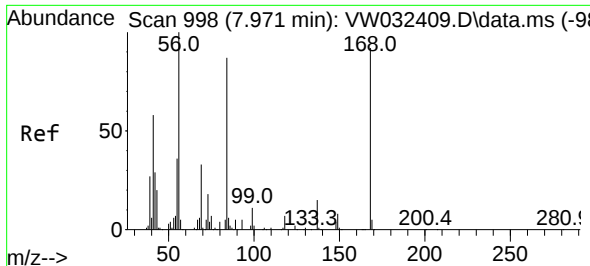
Tgt Ion: 83 Resp: 465449

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.4

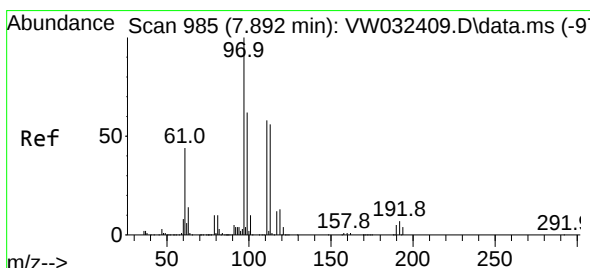
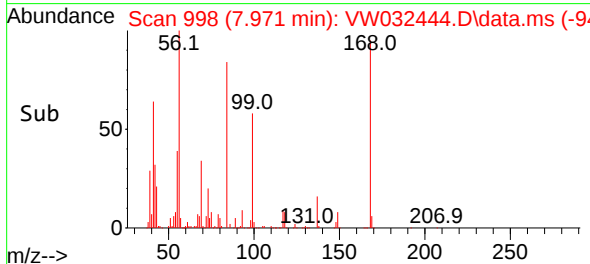
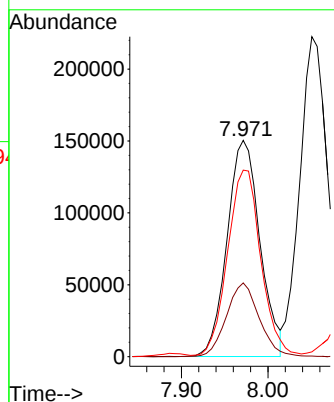
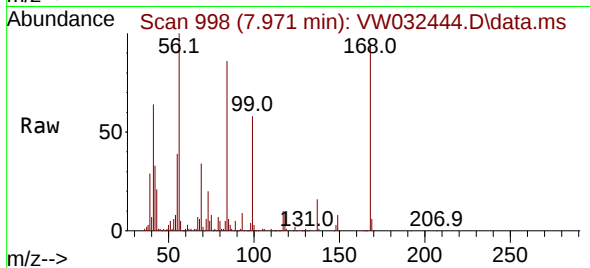




#31
Cyclohexane
Concen: 50.378 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

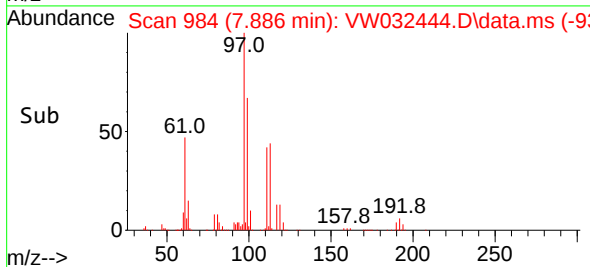
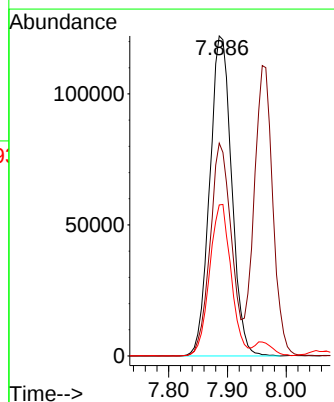
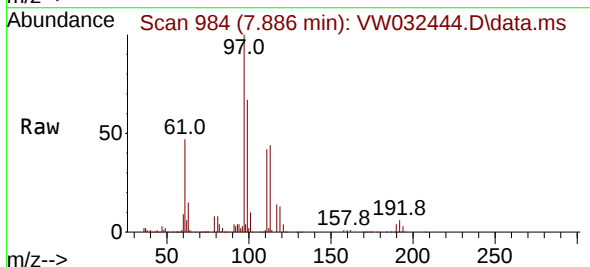
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

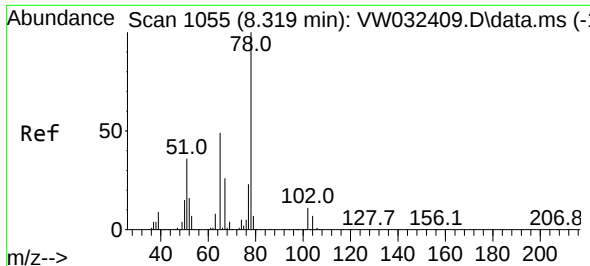
Tgt Ion: 56 Resp: 396410
Ion Ratio Lower Upper
56 100
69 34.1 26.5 39.7
84 84.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 53.246 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 97 Resp: 316756
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 46.6 35.5 53.3

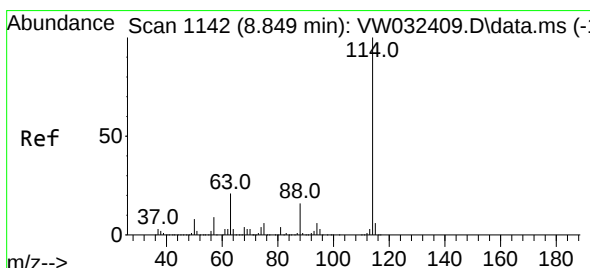
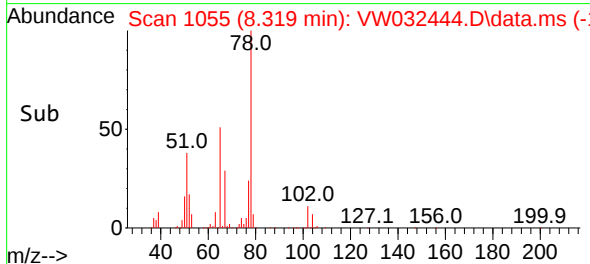
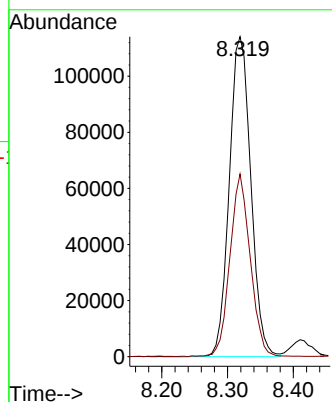
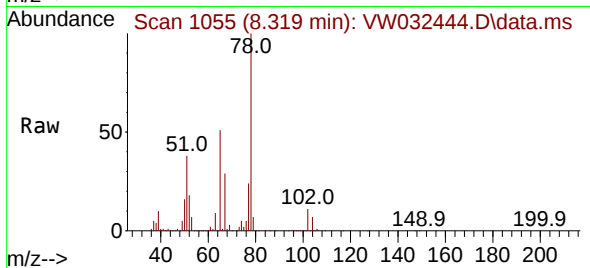




#33
 1,2-Dichloroethane-d4
 Concen: 54.574 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

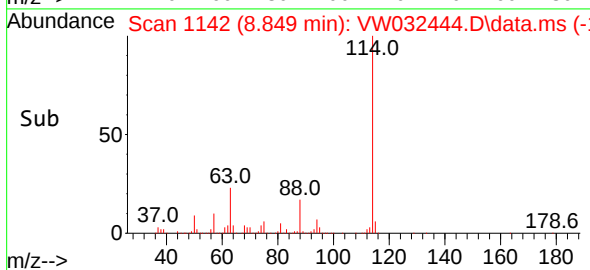
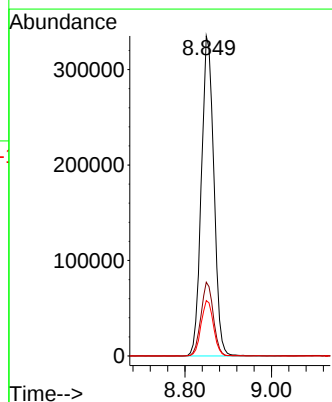
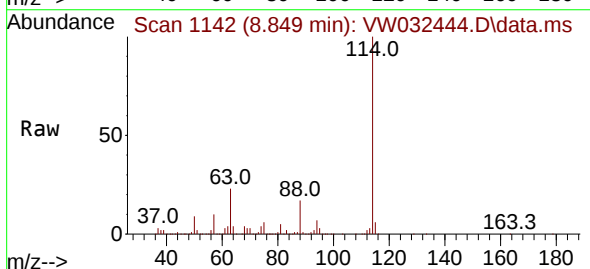
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

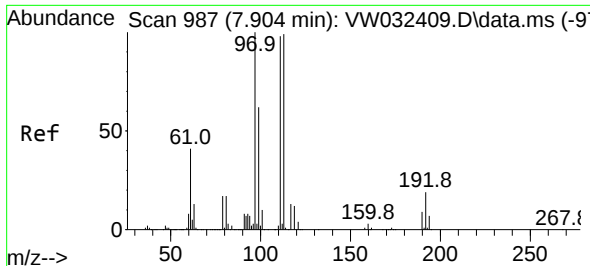
Tgt Ion: 65 Resp: 259568
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

Tgt Ion: 114 Resp: 671618
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 41.8
 88 17.3 0.0 32.6

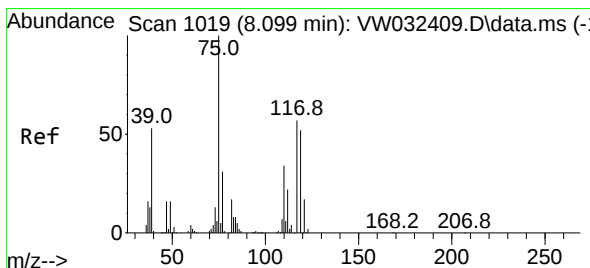
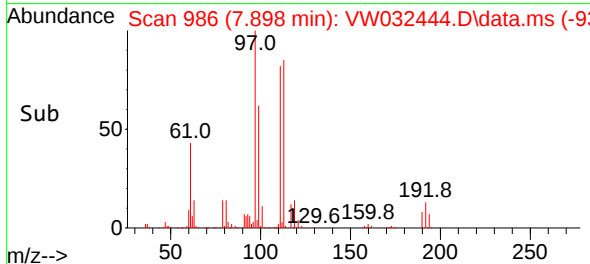
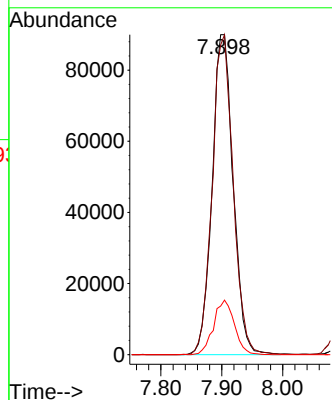
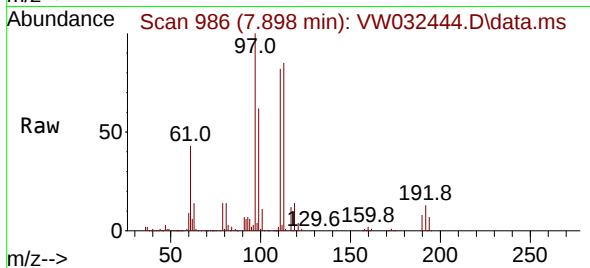




#35
Dibromofluoromethane
Concen: 53.703 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

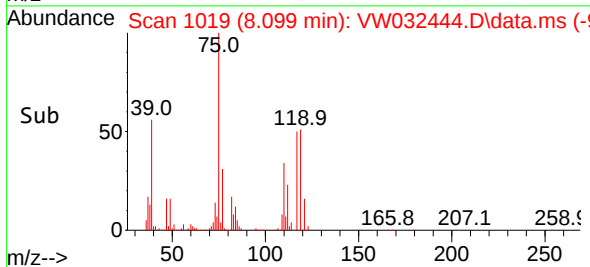
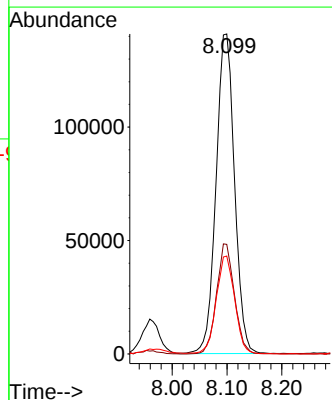
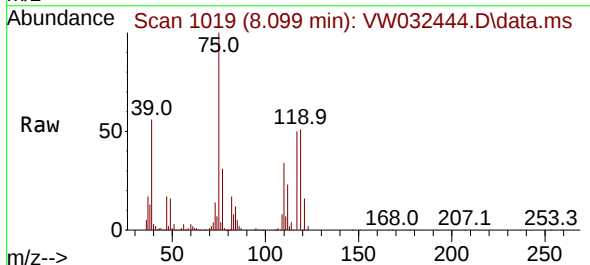
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

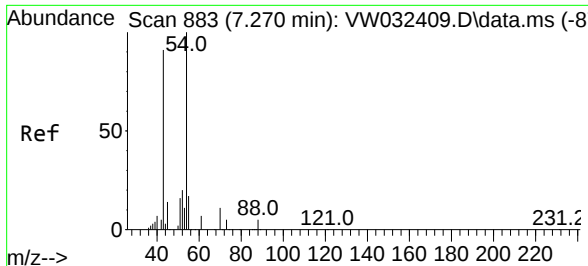
Tgt Ion:113 Resp: 215947
Ion Ratio Lower Upper
113 100
111 99.6 83.1 124.7
192 16.9 13.4 20.2



#36
1,1-Dichloropropene
Concen: 55.710 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 75 Resp: 330070
Ion Ratio Lower Upper
75 100
110 33.3 17.2 51.5
77 30.8 24.5 36.7





#37

Ethyl Acetate

Concen: 56.149 ug/l

RT: 7.276 min Scan# 884

Delta R.T. 0.006 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

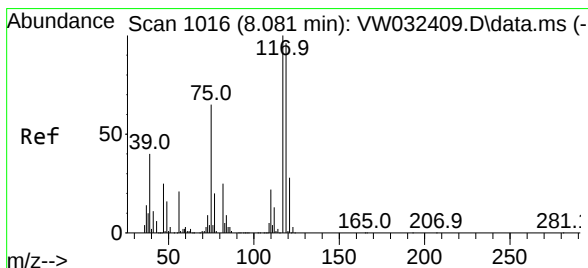
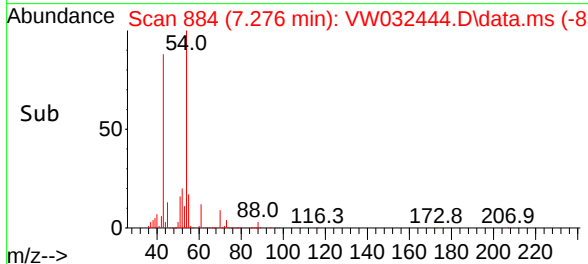
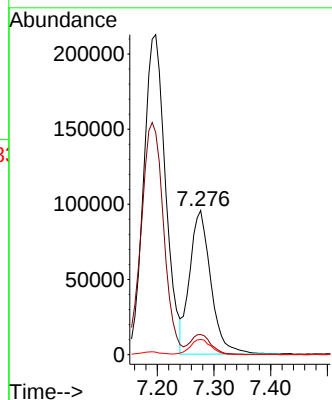
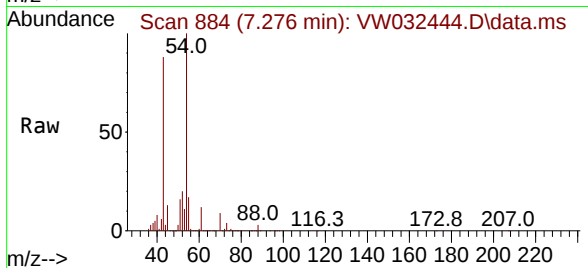
Tgt Ion: 43 Resp: 247373

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

70 10.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 53.193 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

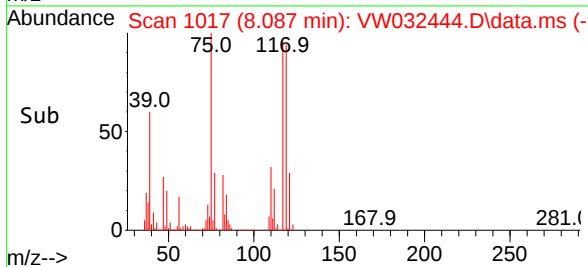
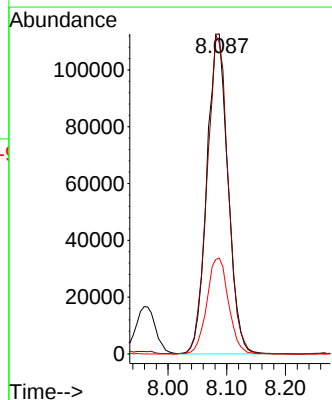
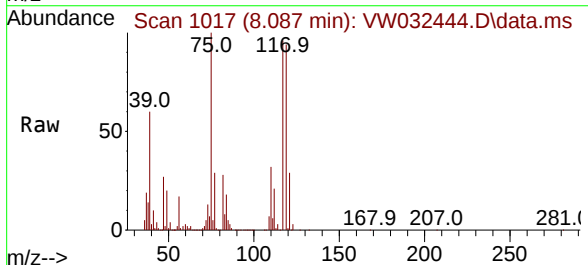
Tgt Ion: 117 Resp: 280027

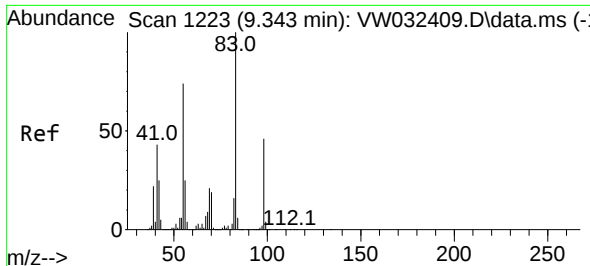
Ion Ratio Lower Upper

117 100

119 97.3 77.0 115.4

121 30.0 22.0 33.0





#39

Methylcyclohexane

Concen: 53.733 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

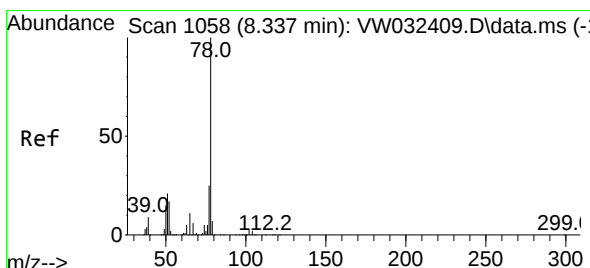
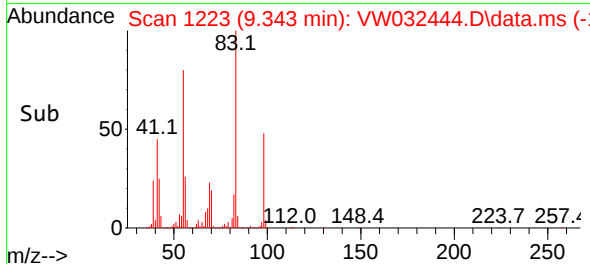
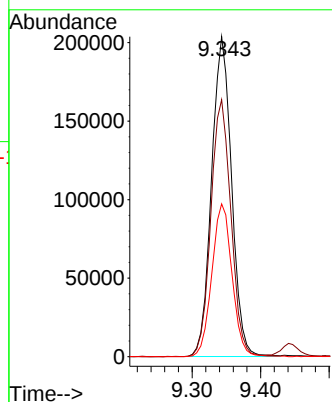
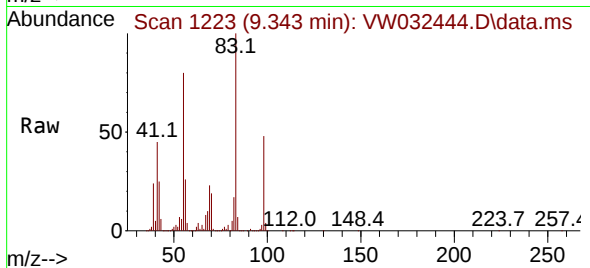
Tgt Ion: 83 Resp: 412417

Ion Ratio Lower Upper

83 100

55 80.3 59.2 88.8

98 47.8 36.6 54.8



#40

Benzene

Concen: 55.081 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032444.D

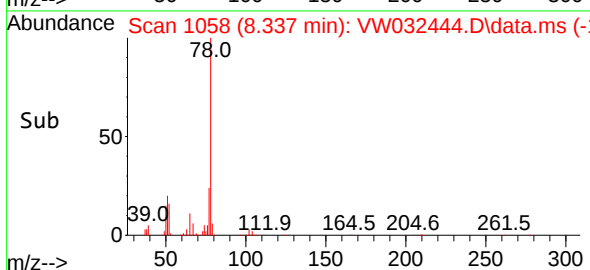
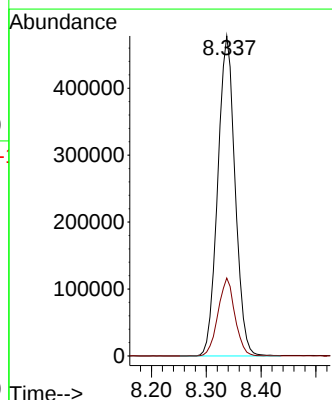
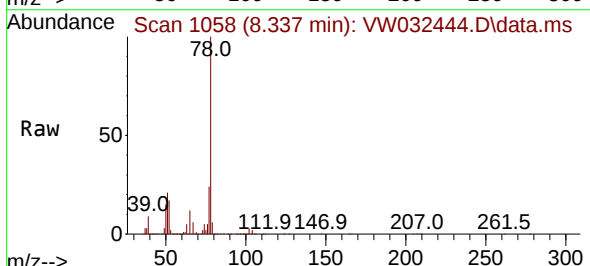
Acq: 12 Nov 2025 17:04

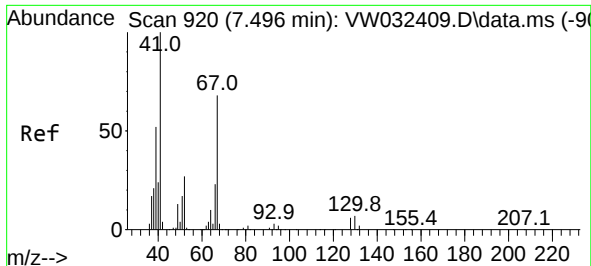
Tgt Ion: 78 Resp: 1050935

Ion Ratio Lower Upper

78 100

77 24.3 19.6 29.4

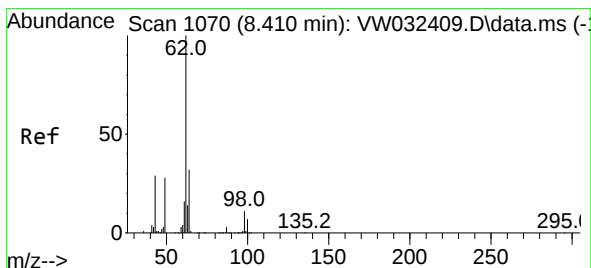
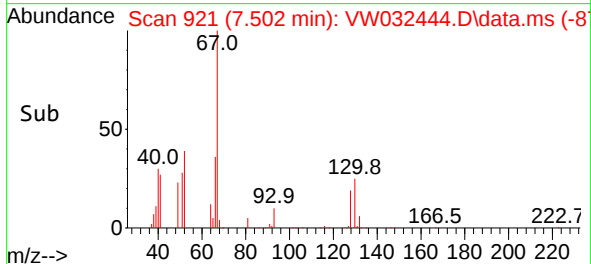
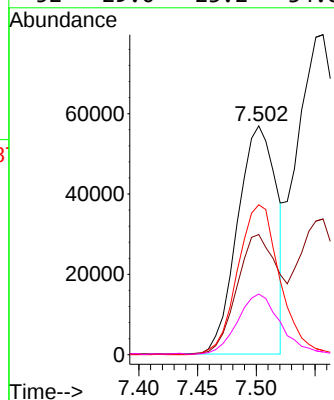
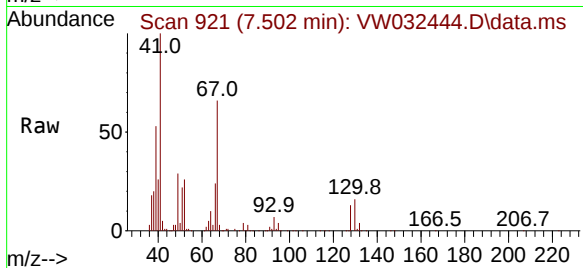




#41
Methacrylonitrile
Concen: 54.213 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

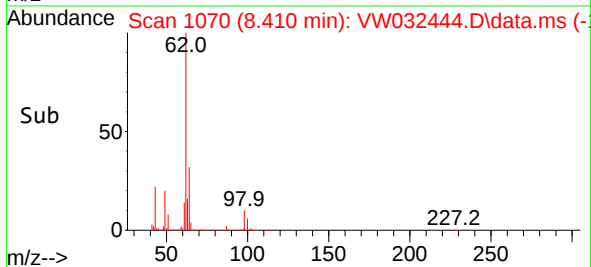
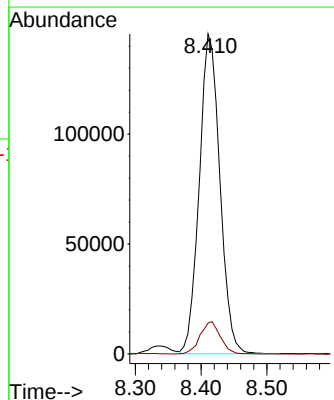
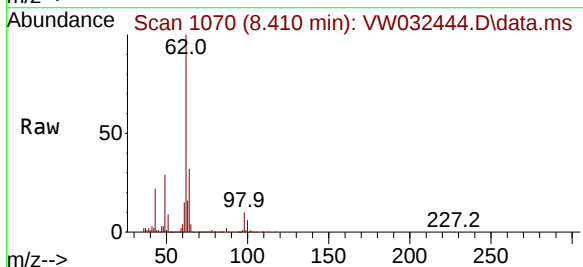
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

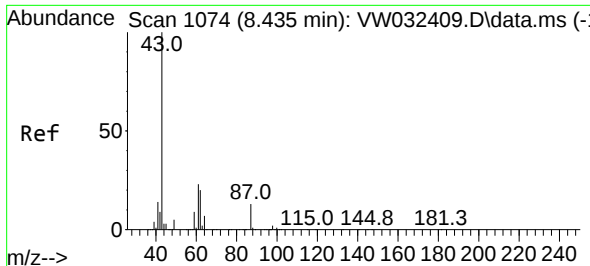
Tgt Ion:	41	Resp:	131202
Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.6	66.8
67	71.8	57.6	86.4
52	29.0	23.2	34.8



#42
1,2-Dichloroethane
Concen: 56.521 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion:	62	Resp:	316763
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

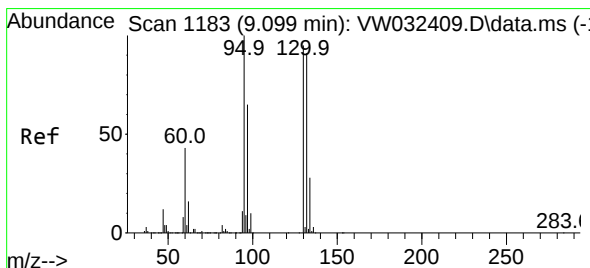
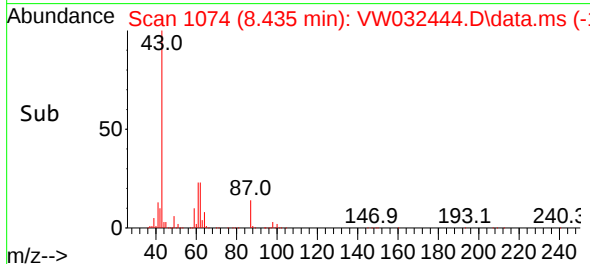
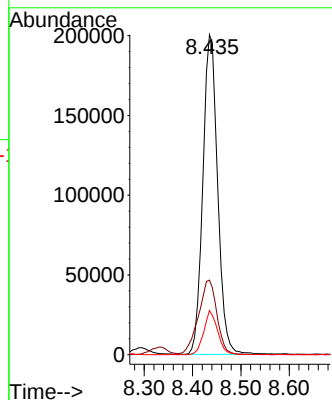
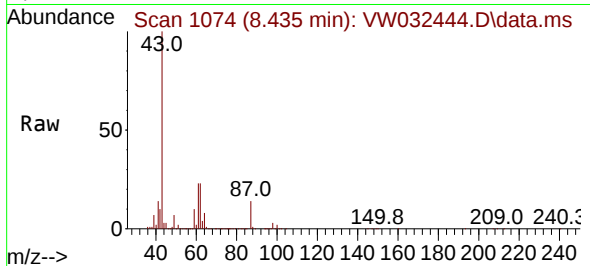




#43
Isopropyl Acetate
Concen: 54.640 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

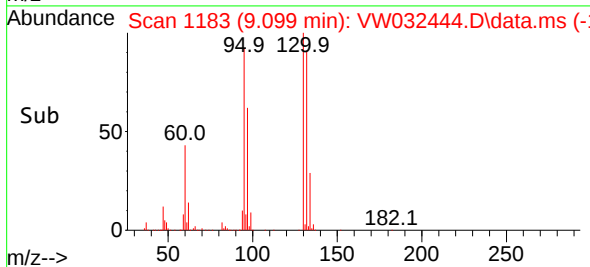
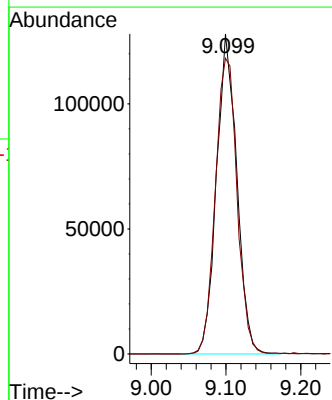
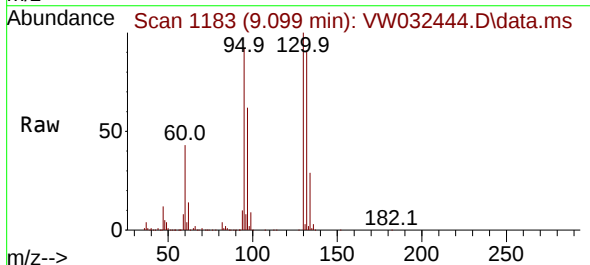
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

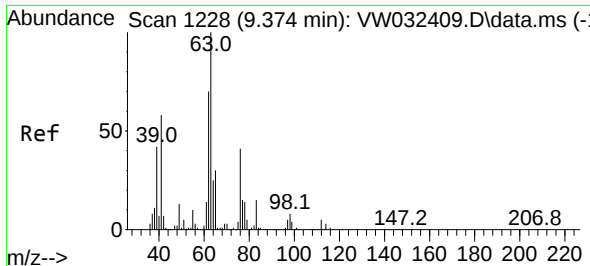
Tgt Ion: 43 Resp: 426248
Ion Ratio Lower Upper
43 100
61 29.0 22.6 33.8
87 13.0 10.6 15.8



#44
Trichloroethene
Concen: 54.564 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion:130 Resp: 242250
Ion Ratio Lower Upper
130 100
95 92.4 0.0 209.6





#45

1,2-Dichloropropane

Concen: 56.332 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

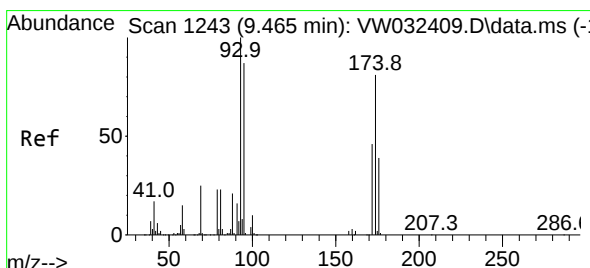
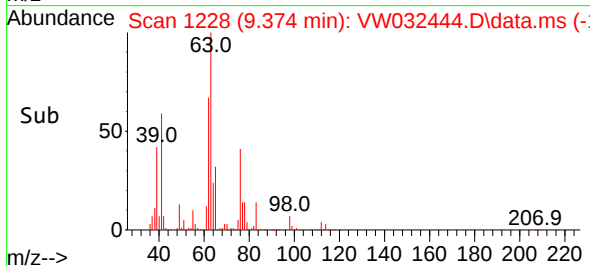
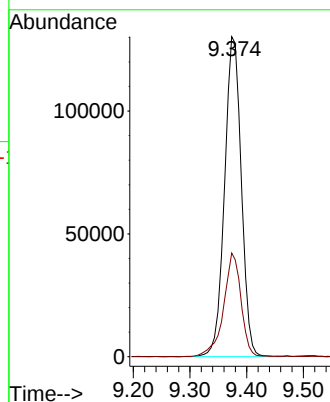
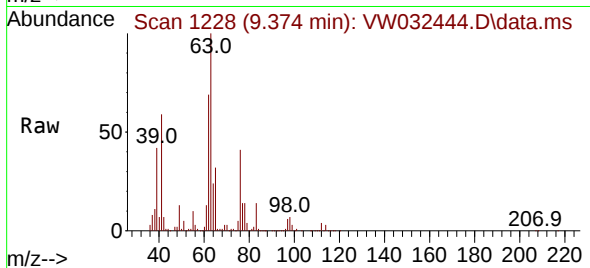
VSTDCCC050EC

Tgt Ion: 63 Resp: 267629

Ion Ratio Lower Upper

63 100

65 32.4 24.4 36.6



#46

Dibromomethane

Concen: 56.084 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

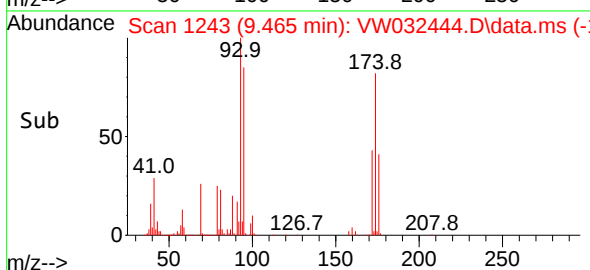
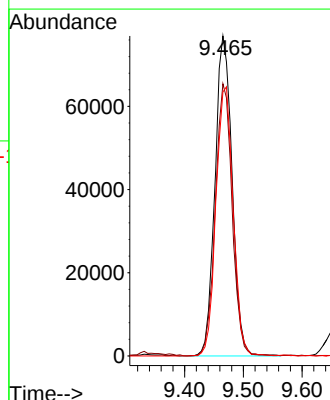
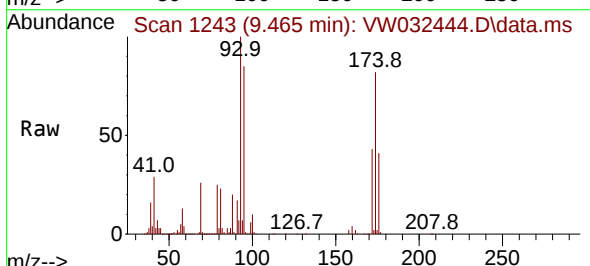
Tgt Ion: 93 Resp: 155703

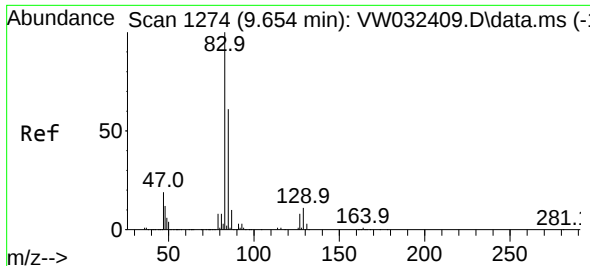
Ion Ratio Lower Upper

93 100

95 83.8 67.1 100.7

174 84.5 68.2 102.4

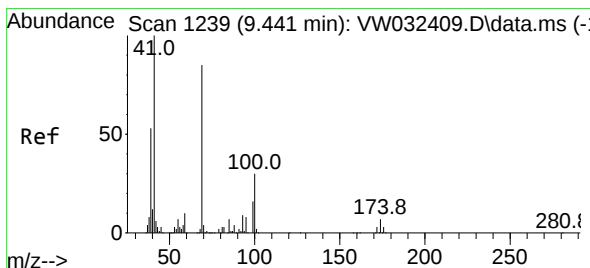
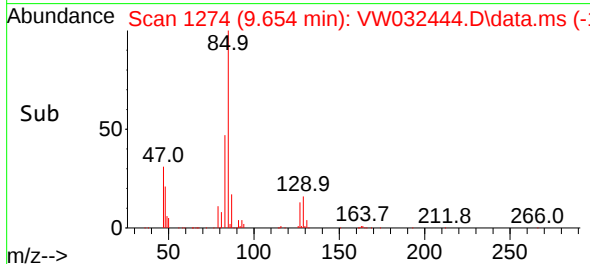
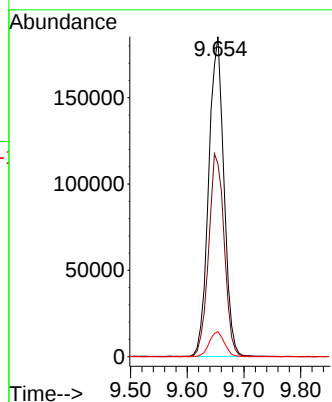
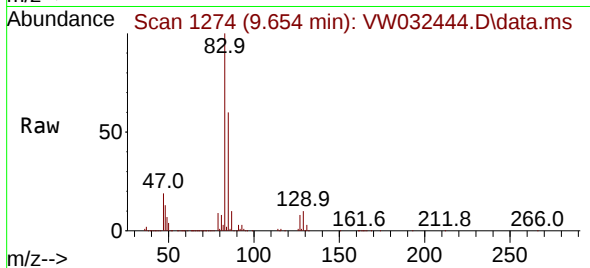




#47
Bromodichloromethane
Concen: 54.520 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

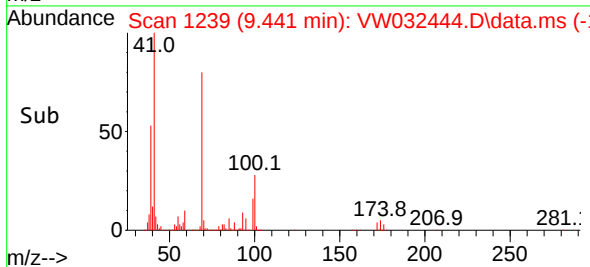
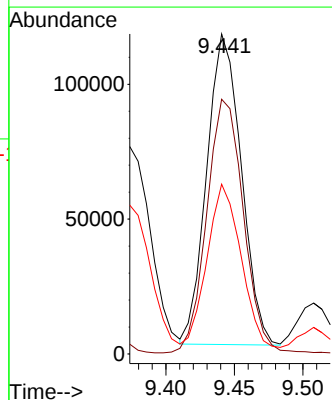
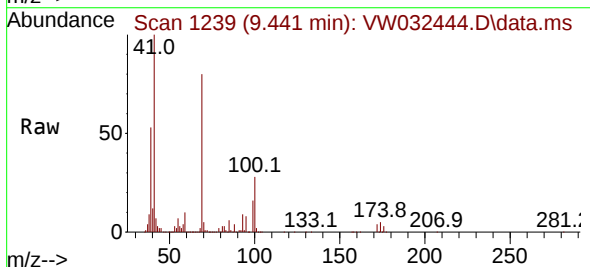
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

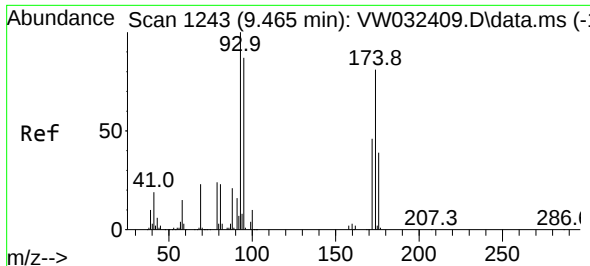
Tgt Ion: 83 Resp: 345270
Ion Ratio Lower Upper
83 100
85 60.3 48.7 73.1
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 54.484 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 41 Resp: 201972
Ion Ratio Lower Upper
41 100
69 88.0 65.8 98.6
39 51.1 38.6 57.8

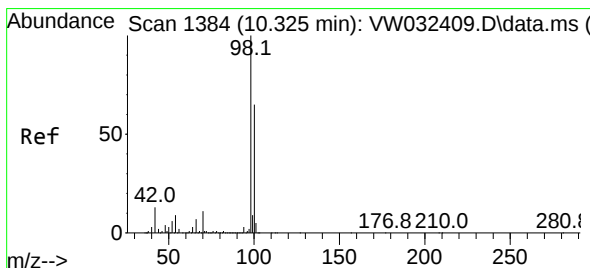
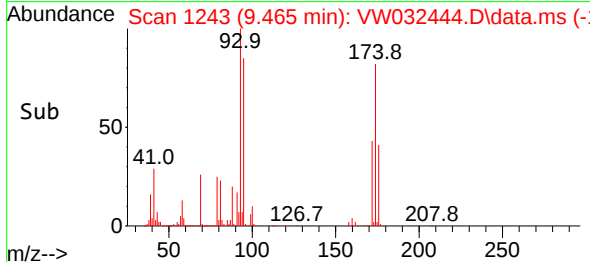
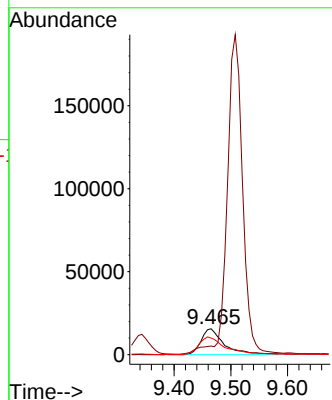
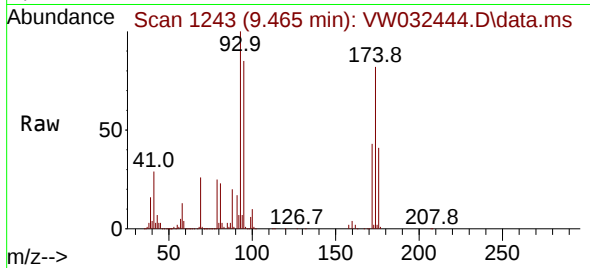




#49
1,4-Dioxane
Concen: 1138.202 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

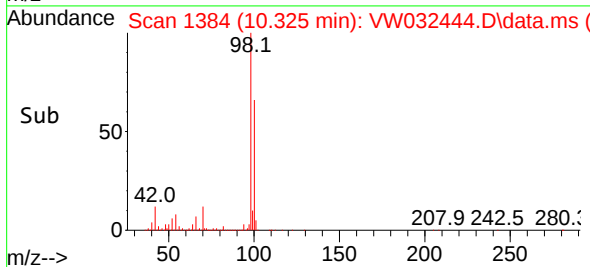
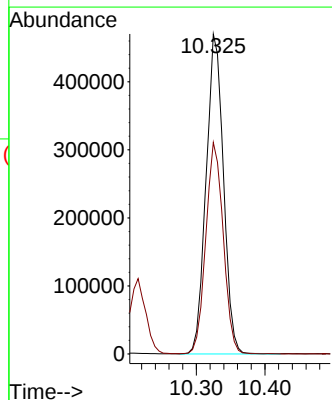
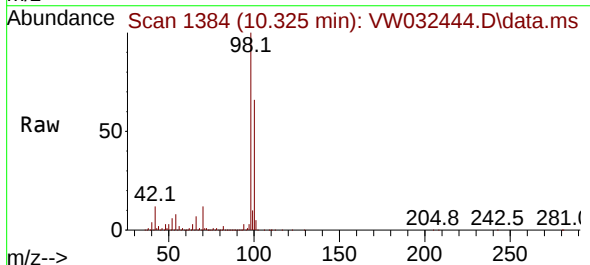
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

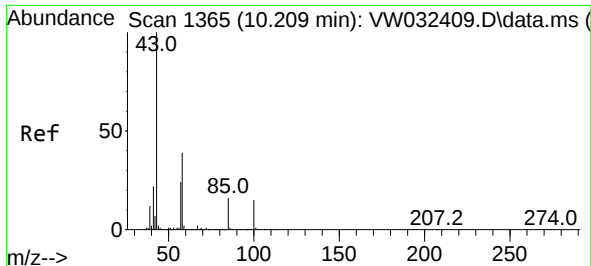
Tgt Ion: 88 Resp: 44267
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.8 63.0 94.4



#50
Toluene-d8
Concen: 53.640 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 98 Resp: 827480
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9

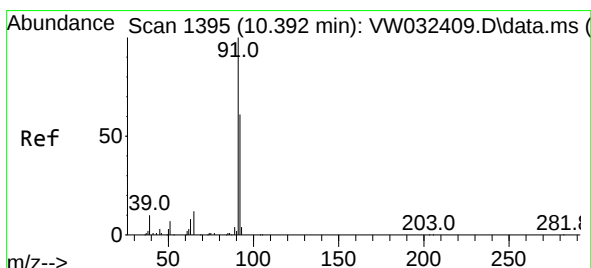
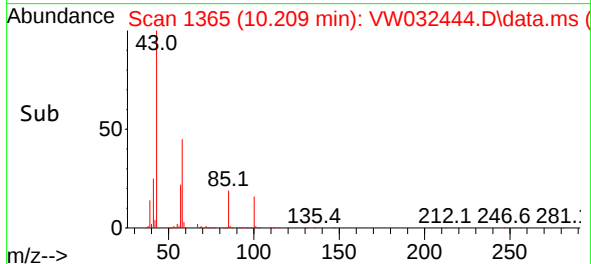
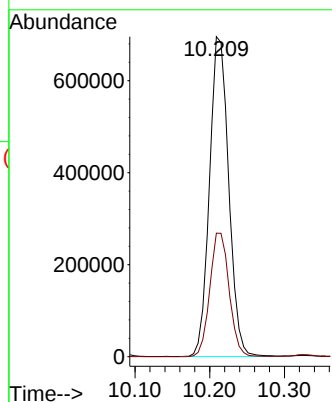
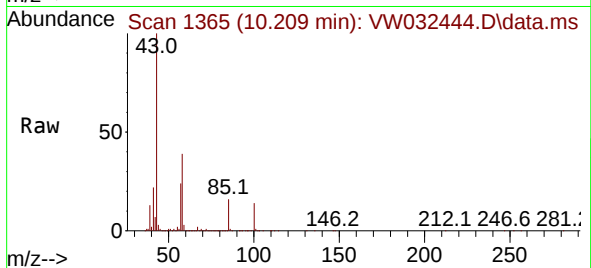




#51
4-Methyl-2-Pentanone
Concen: 288.557 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

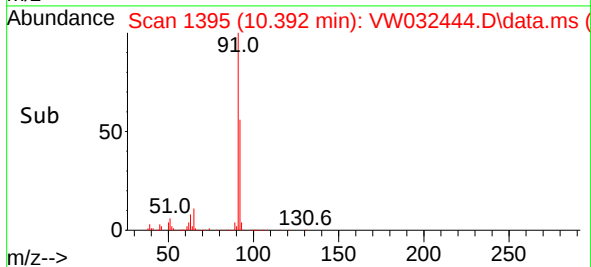
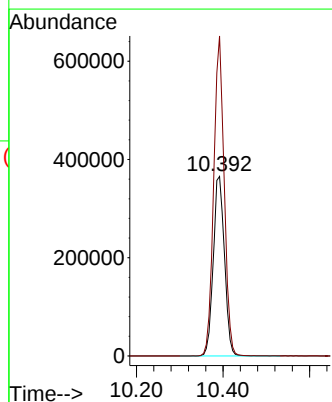
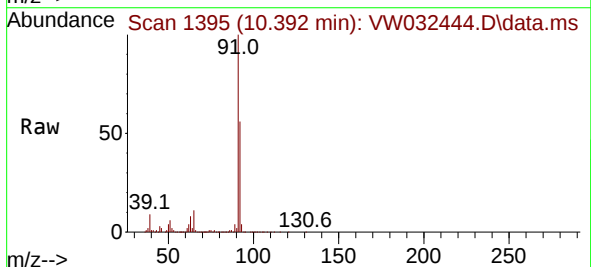
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

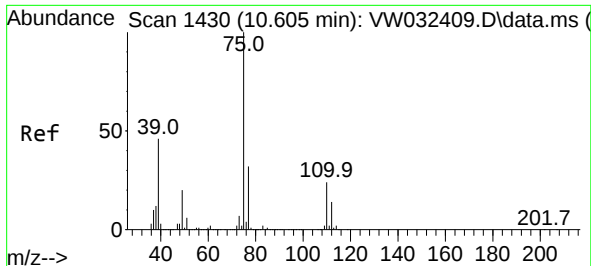
Tgt Ion: 43 Resp: 1244421
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 55.593 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 92 Resp: 655180
Ion Ratio Lower Upper
92 100
91 167.1 136.6 205.0

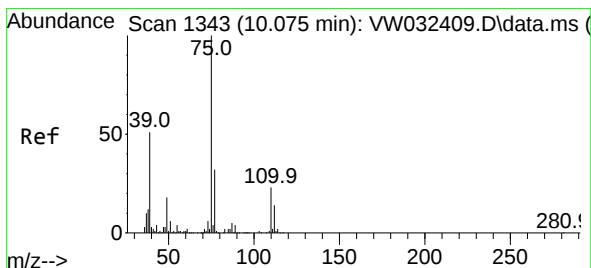
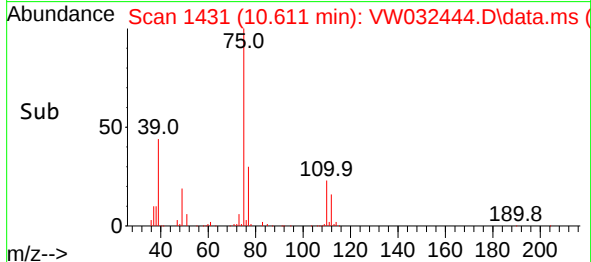
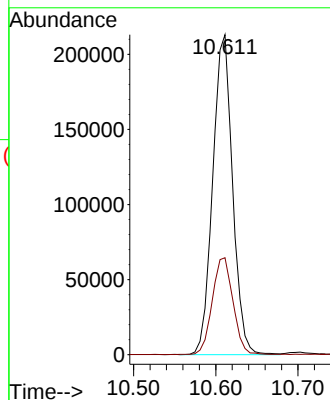
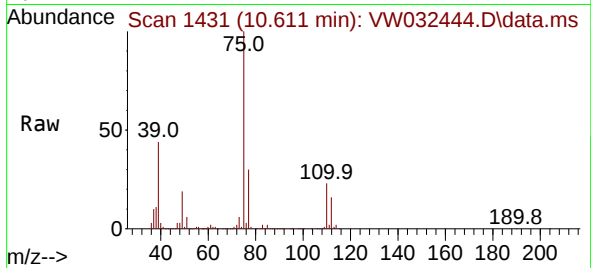




#53
 t-1,3-Dichloropropene
 Concen: 54.735 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

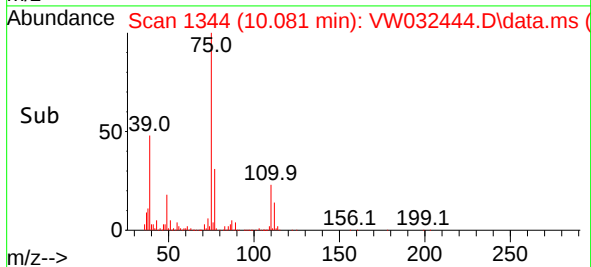
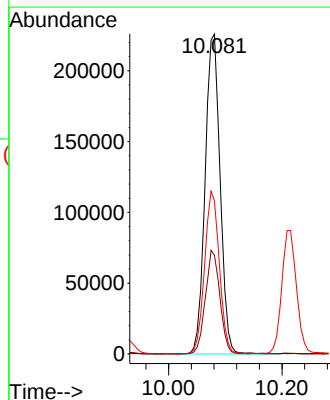
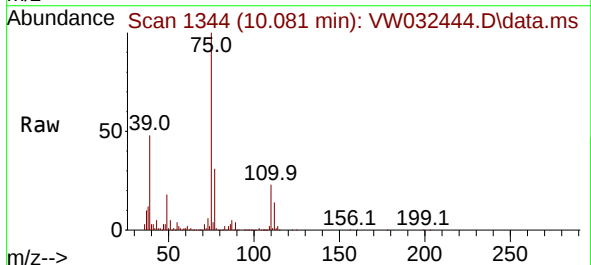
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

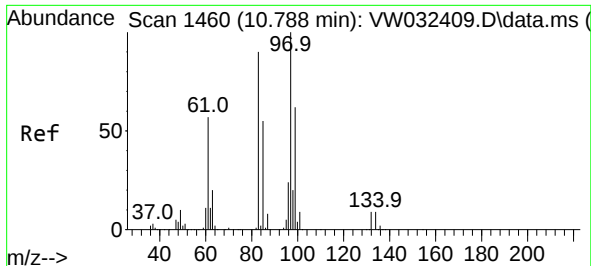
Tgt Ion: 75 Resp: 356993
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.922 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

Tgt Ion: 75 Resp: 414242
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.6 38.4
 39 47.8 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 54.580 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 207870

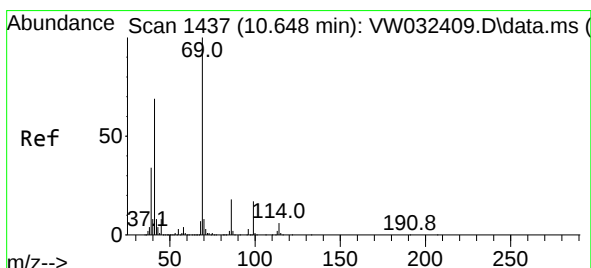
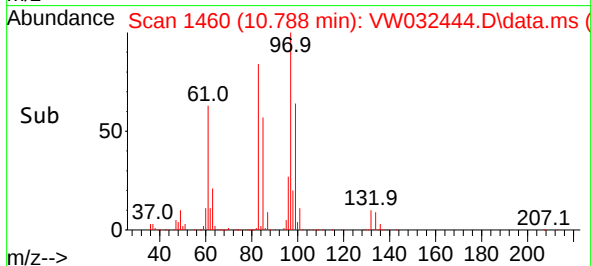
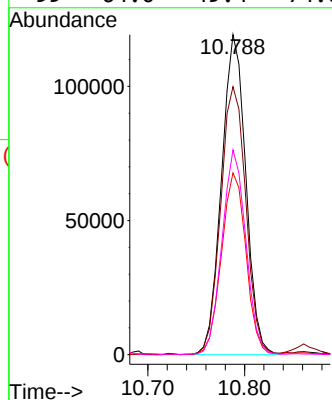
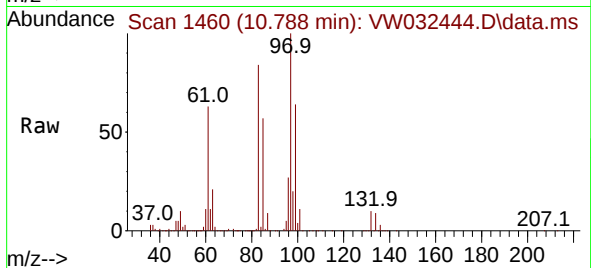
Ion Ratio Lower Upper

97 100

83 83.7 72.2 108.4

85 56.8 43.8 65.8

99 64.0 49.4 74.0



#56

Ethyl methacrylate

Concen: 56.282 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

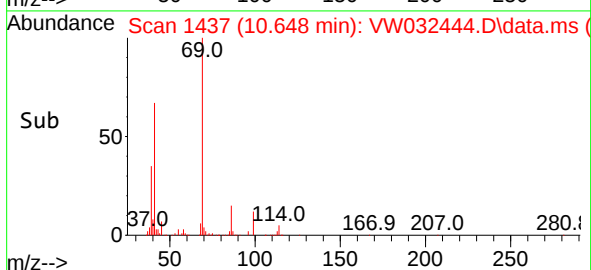
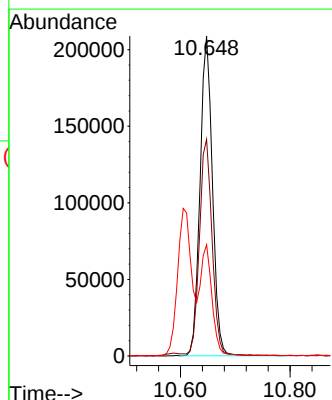
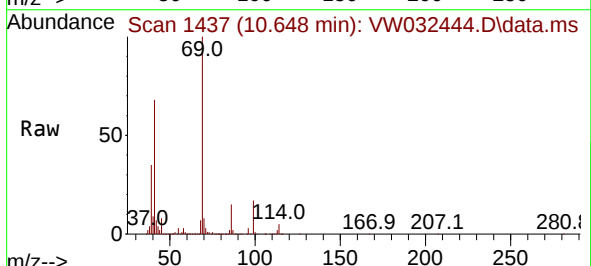
Tgt Ion: 69 Resp: 328893

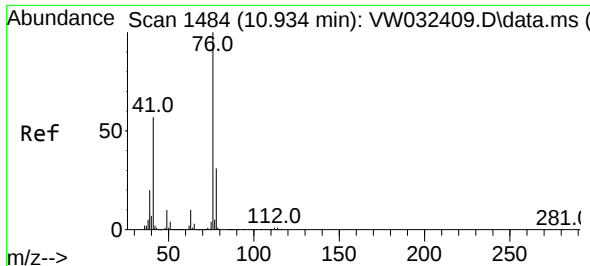
Ion Ratio Lower Upper

69 100

41 68.8 54.4 81.6

39 31.9 25.4 38.0





#57

1,3-Dichloropropane

Concen: 55.668 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

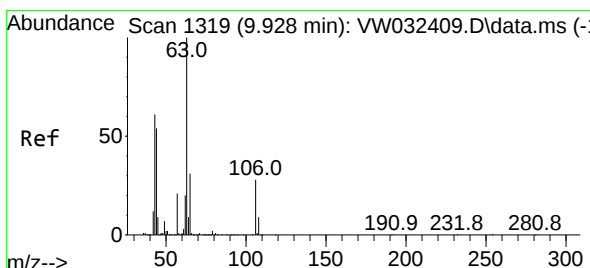
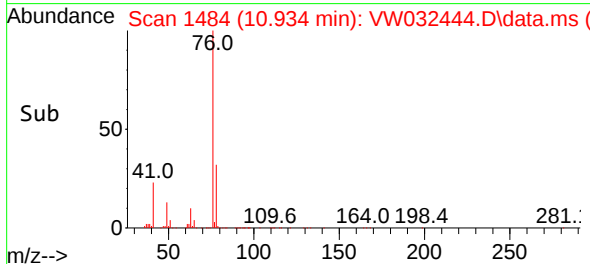
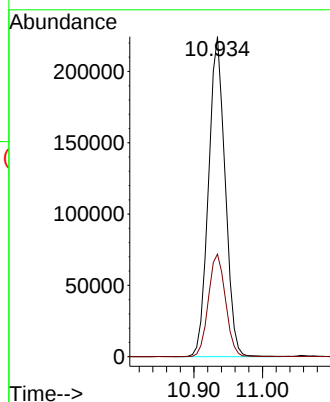
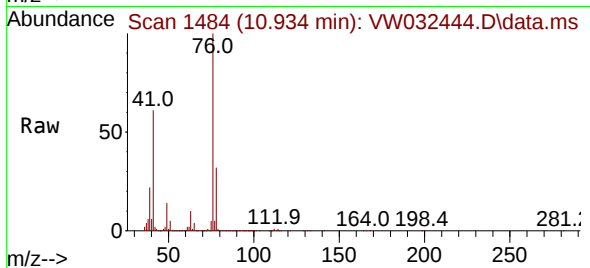
VSTDCCC050EC

Tgt Ion: 76 Resp: 378672

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 276.641 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032444.D

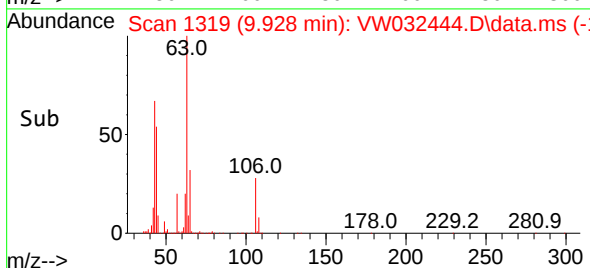
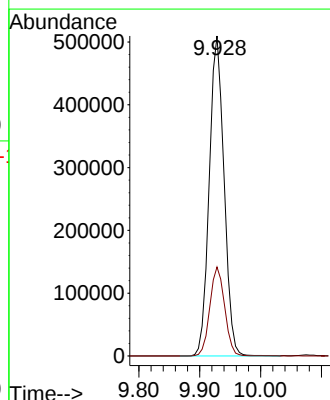
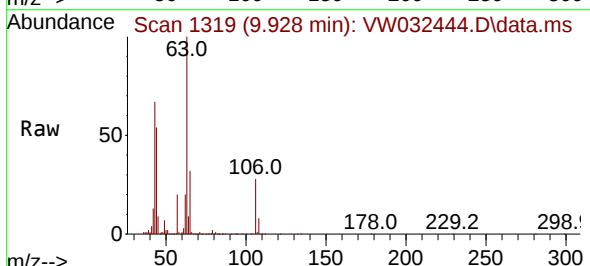
Acq: 12 Nov 2025 17:04

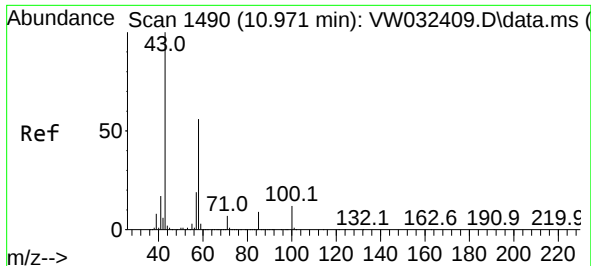
Tgt Ion: 63 Resp: 860915

Ion Ratio Lower Upper

63 100

106 27.7 22.0 33.0

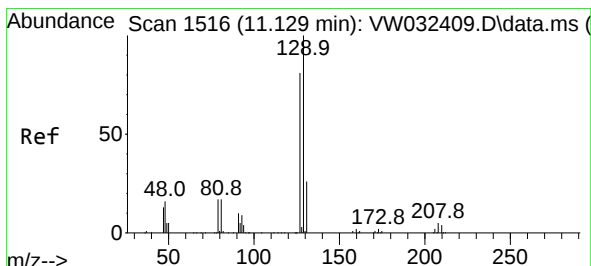
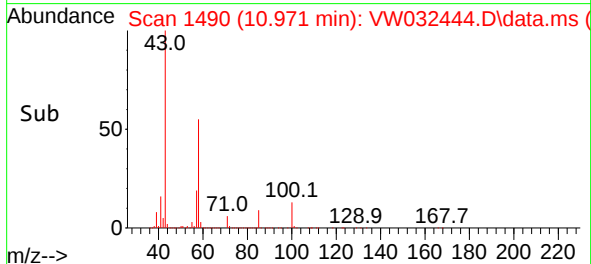
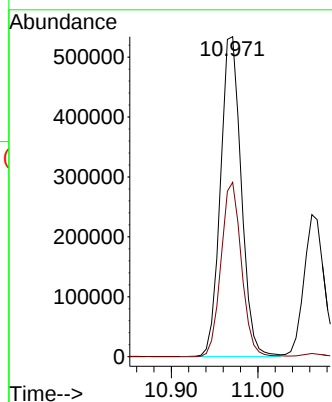
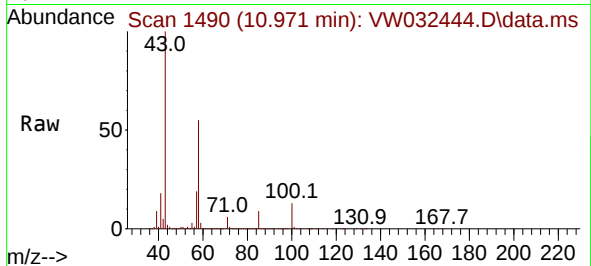




#59
2-Hexanone
Concen: 282.493 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

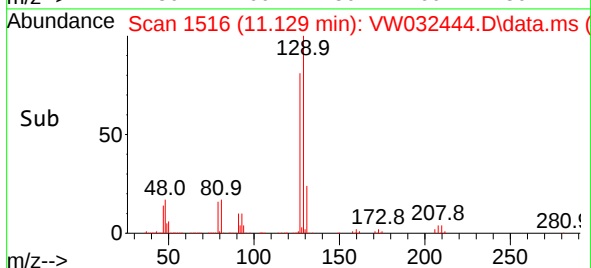
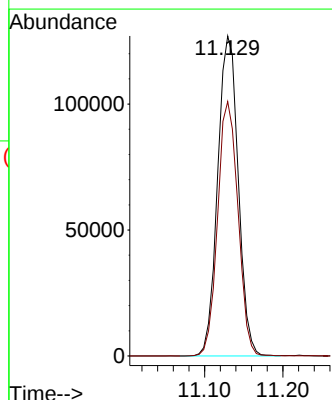
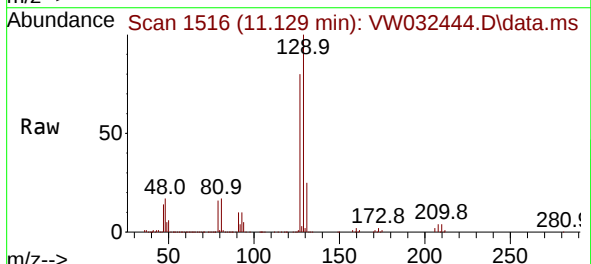
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

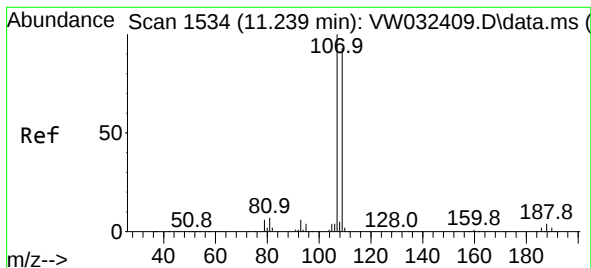
Tgt Ion: 43 Resp: 891330
Ion Ratio Lower Upper
43 100
58 53.5 27.4 82.2



#60
Dibromochloromethane
Concen: 54.467 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion:129 Resp: 231655
Ion Ratio Lower Upper
129 100
127 78.9 39.2 117.6

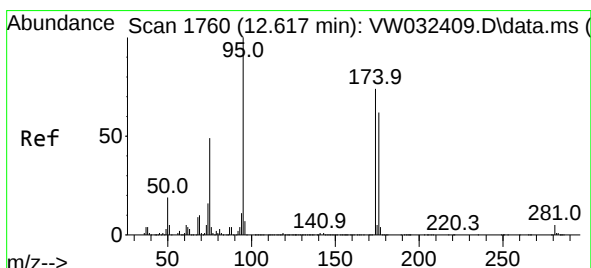
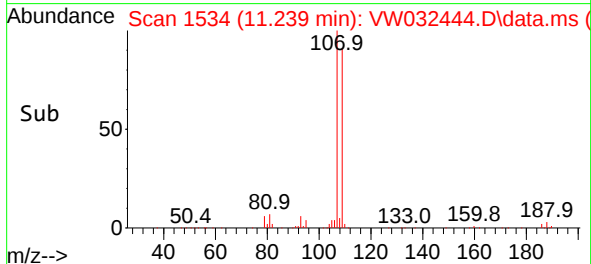
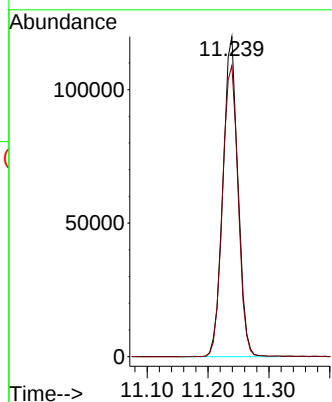
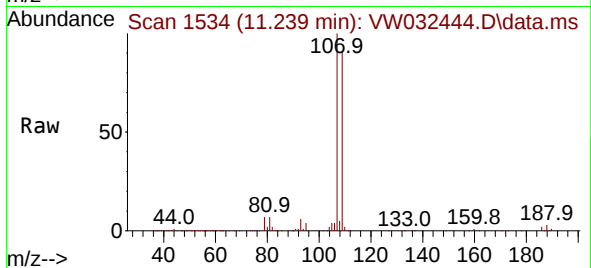




#61
1,2-Dibromoethane
Concen: 55.382 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

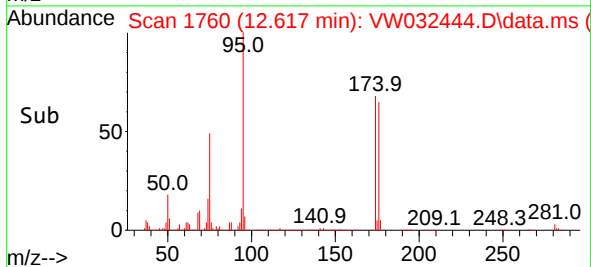
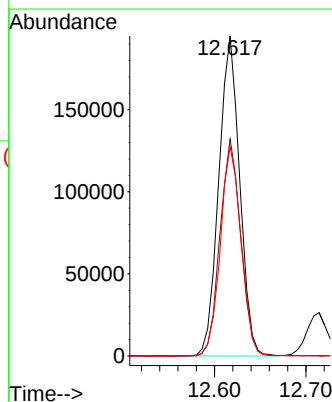
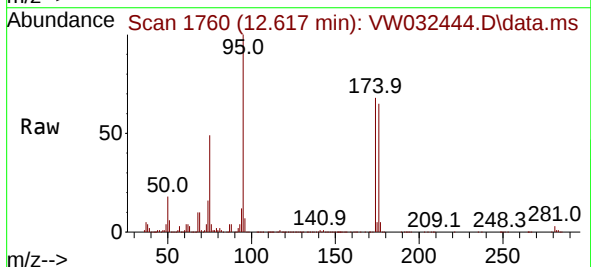
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

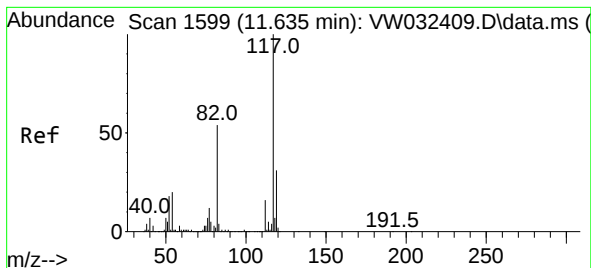
Tgt Ion:107 Resp: 205435
Ion Ratio Lower Upper
107 100
109 94.7 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 53.162 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 95 Resp: 309804
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.4
176 65.0 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

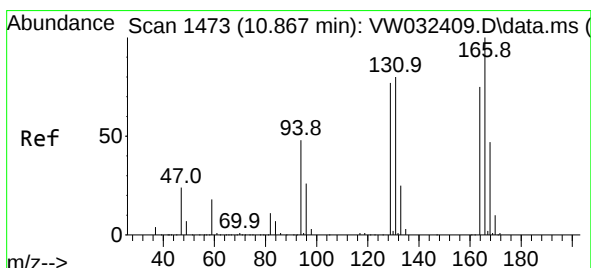
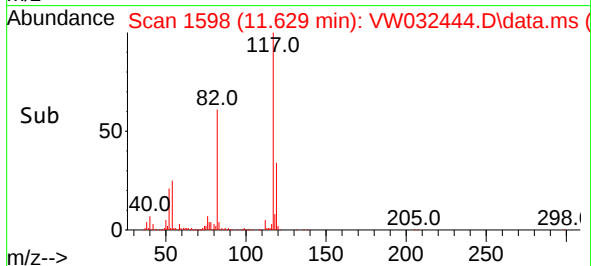
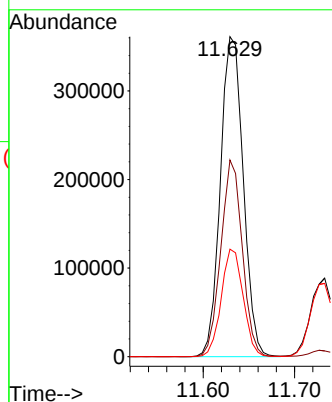
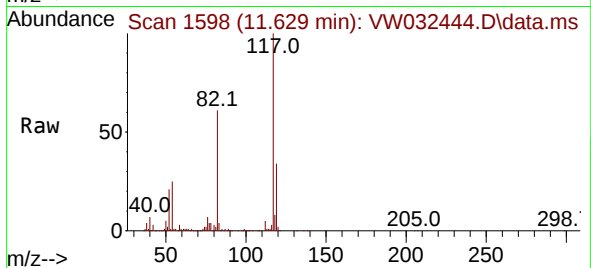
Tgt Ion:117 Resp: 629032

Ion Ratio Lower Upper

117 100

82 61.5 43.0 64.4

119 33.6 25.0 37.6



#64

Tetrachloroethene

Concen: 52.129 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Tgt Ion:164 Resp: 194180

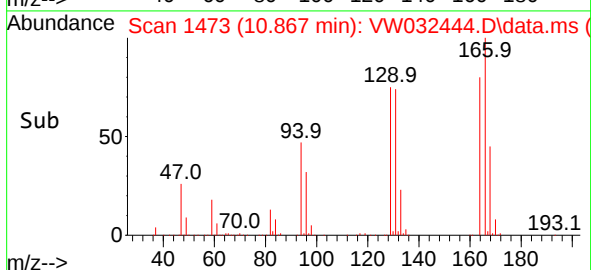
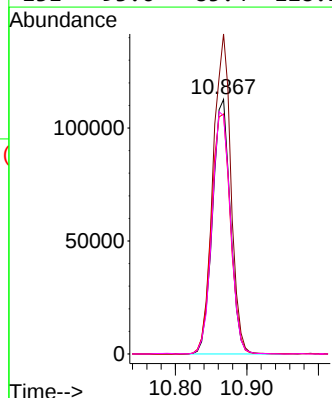
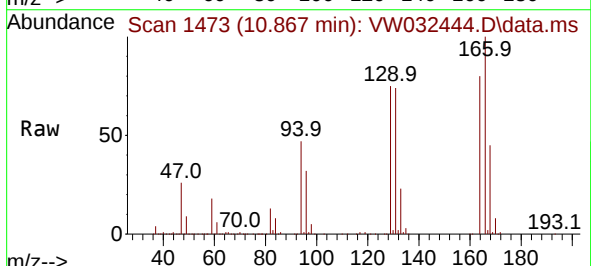
Ion Ratio Lower Upper

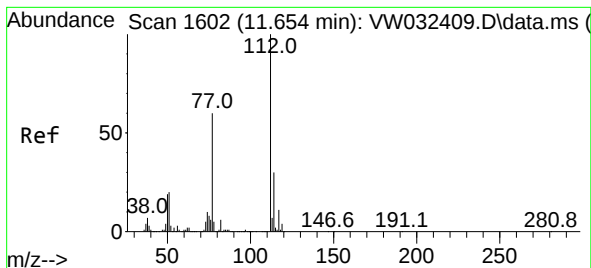
164 100

166 125.7 107.0 160.4

129 94.2 82.9 124.3

131 93.6 85.4 128.2

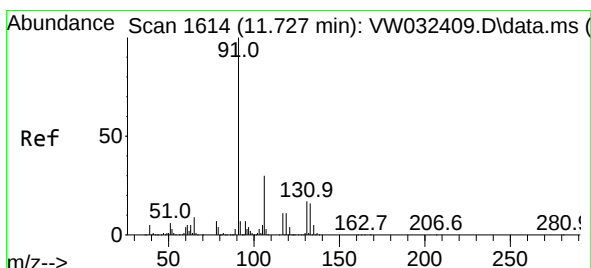
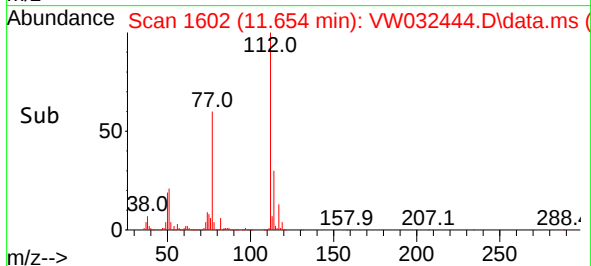
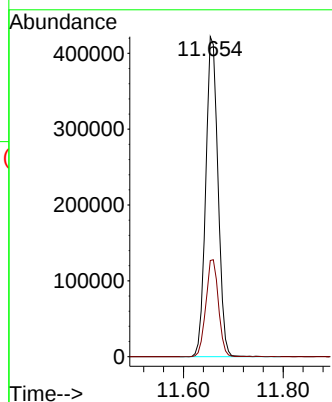
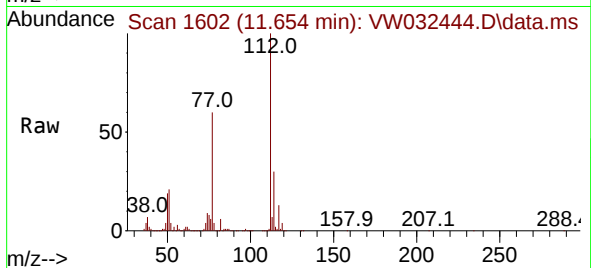




#65
Chlorobenzene
Concen: 53.003 ug/l
RT: 11.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

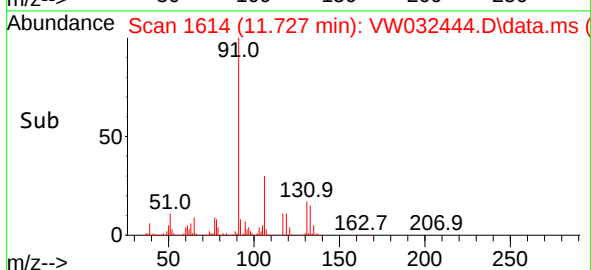
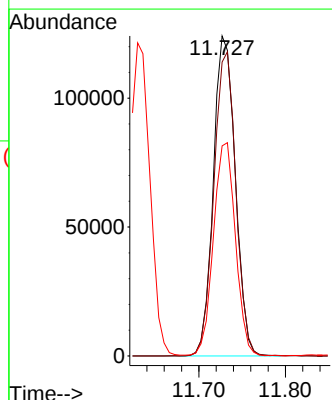
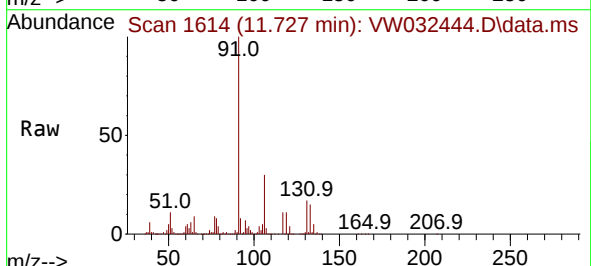
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

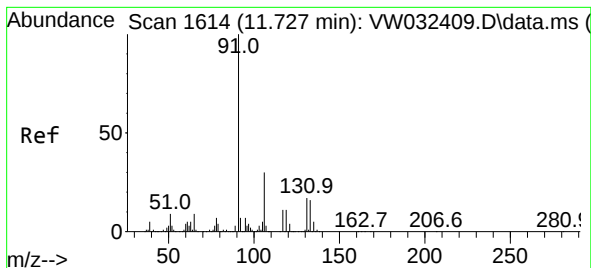
Tgt Ion:112 Resp: 718611
Ion Ratio Lower Upper
112 100
114 30.1 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.068 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion:131 Resp: 218473
Ion Ratio Lower Upper
131 100
133 95.4 46.9 140.6
119 66.9 33.4 100.2

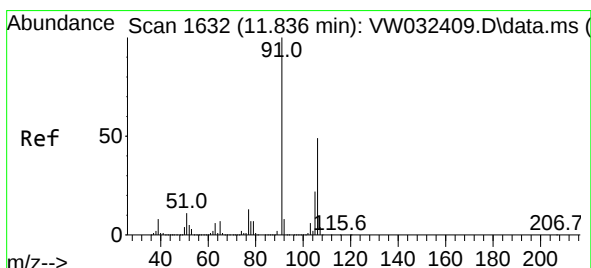
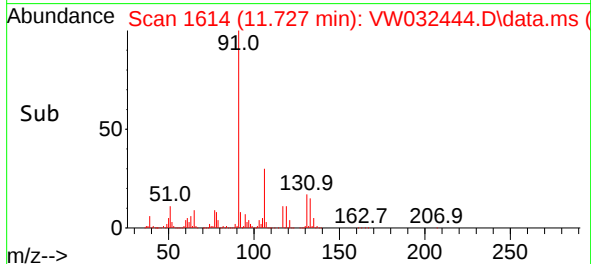
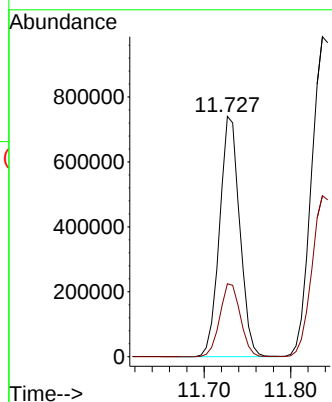
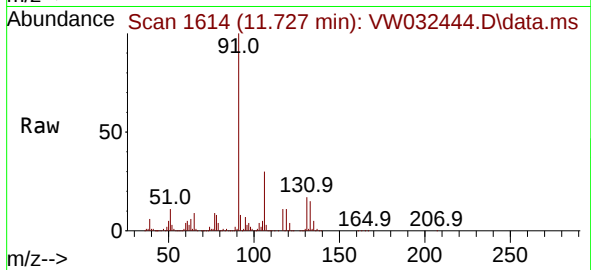




#67
Ethyl Benzene
Concen: 51.070 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

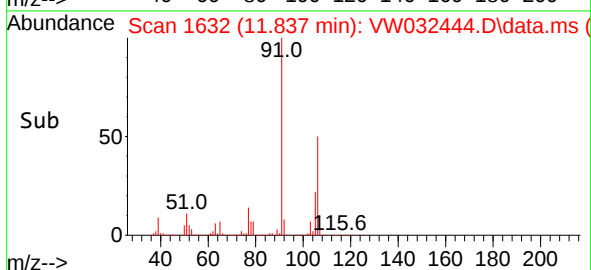
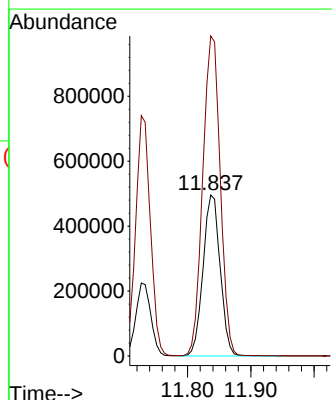
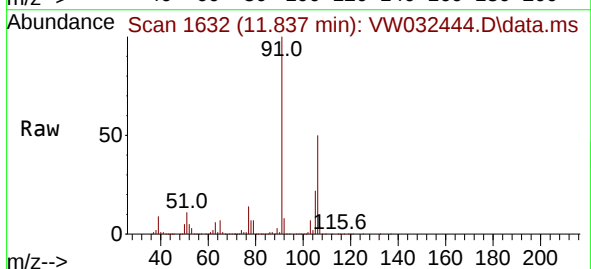
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

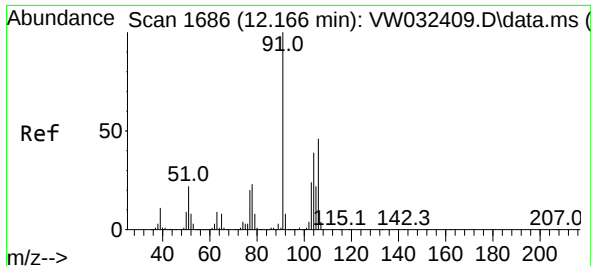
Tgt Ion: 91 Resp: 1198056
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2



#68
m/p-Xylenes
Concen: 105.824 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 106 Resp: 932091
Ion Ratio Lower Upper
106 100
91 204.0 165.5 248.3

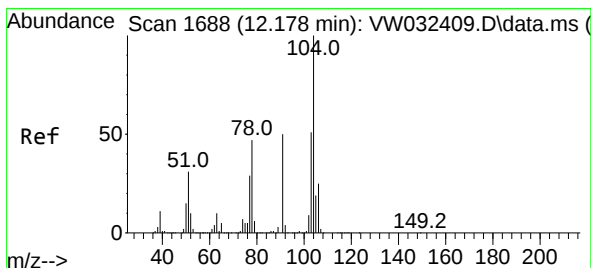
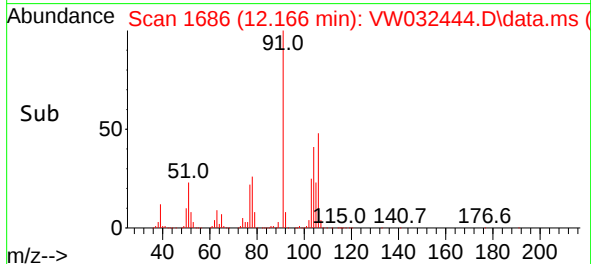
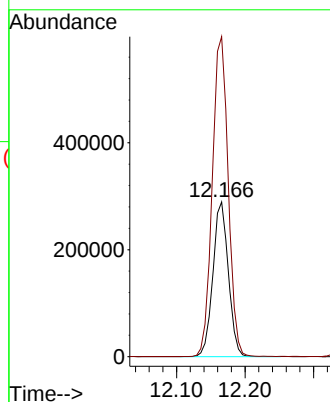
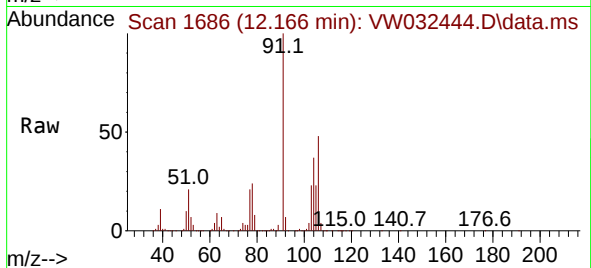




#69
o-Xylene
Concen: 53.786 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

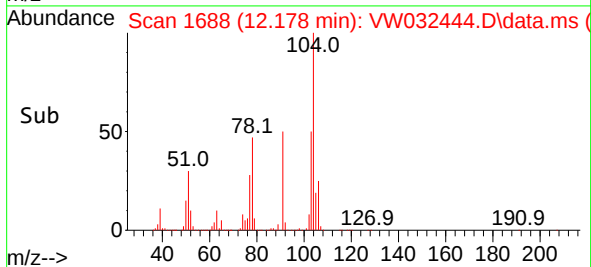
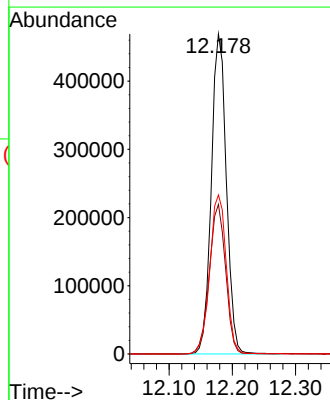
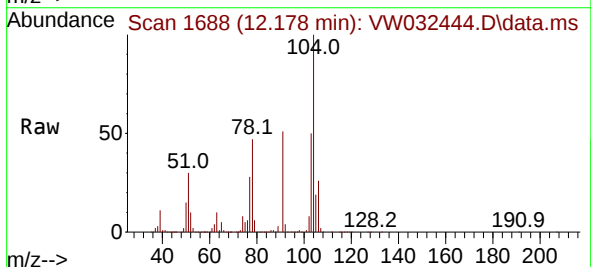
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

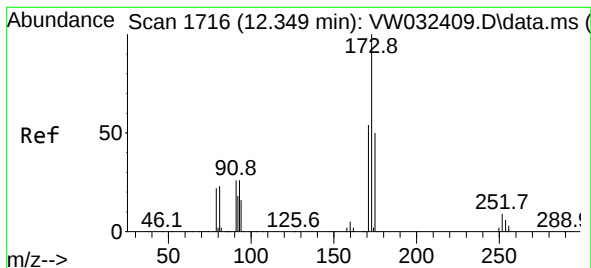
Tgt Ion:106 Resp: 453608
Ion Ratio Lower Upper
106 100
91 213.0 109.3 327.8



#70
Styrene
Concen: 53.470 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion:104 Resp: 775733
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.4 43.9 65.9





#71

Bromoform

Concen: 49.193 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

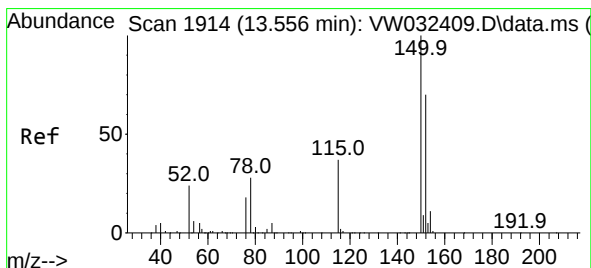
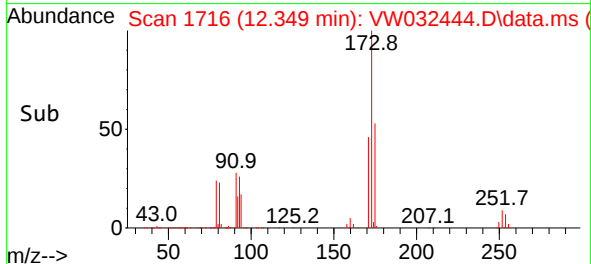
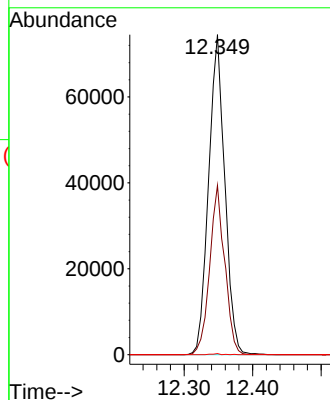
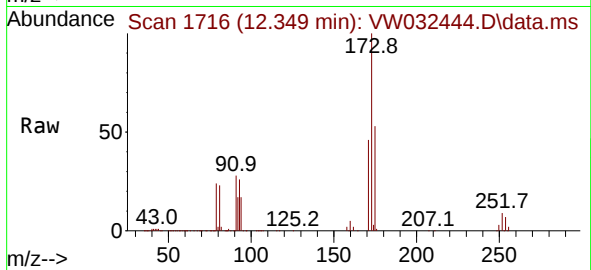
Tgt Ion:173 Resp: 122259

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.2

254 0.2 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: VW032444.D

Acq: 12 Nov 2025 17:04

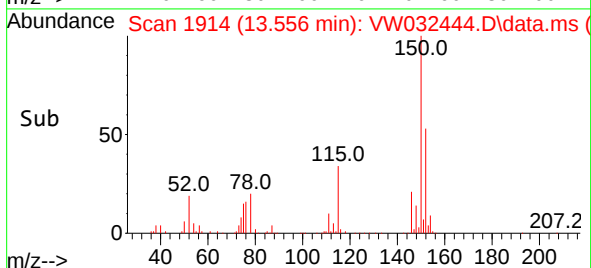
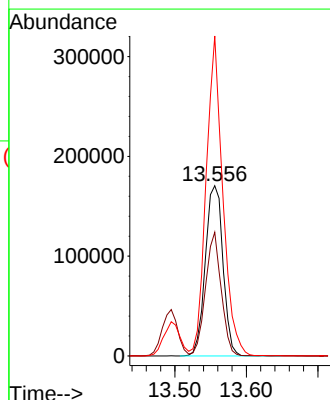
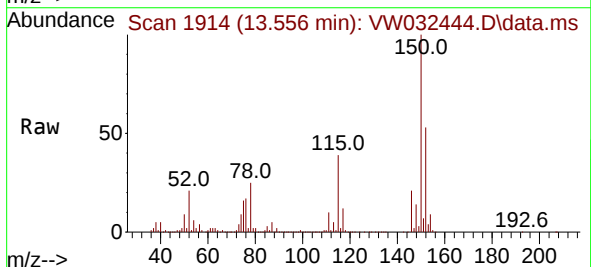
Tgt Ion:152 Resp: 292850

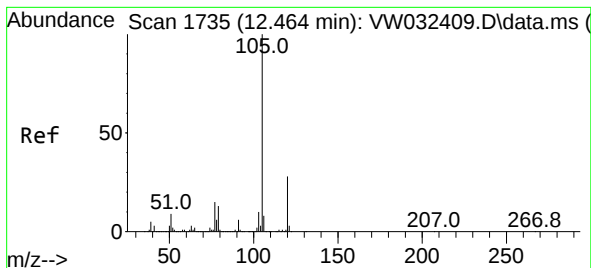
Ion Ratio Lower Upper

152 100

115 65.1 32.8 98.3

150 177.1 0.0 356.6





#73

Isopropylbenzene

Concen: 51.787 ug/l

RT: 12.458 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

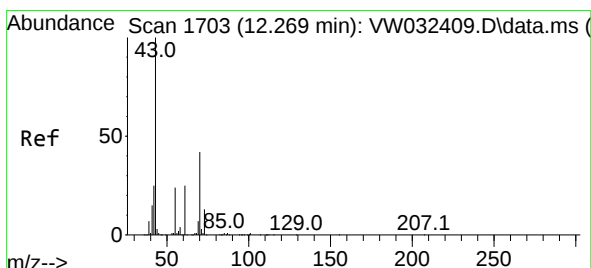
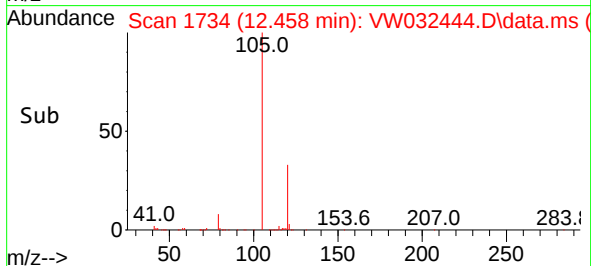
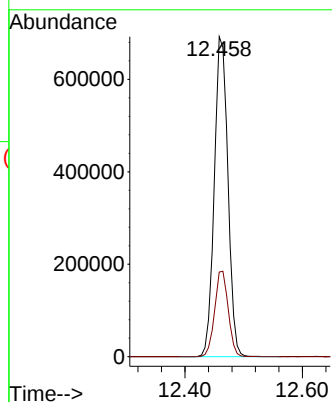
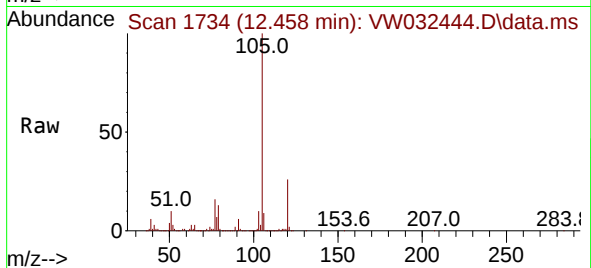
VSTDCCC050EC

Tgt Ion:105 Resp: 1113839

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 53.575 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Tgt Ion: 43 Resp: 400412

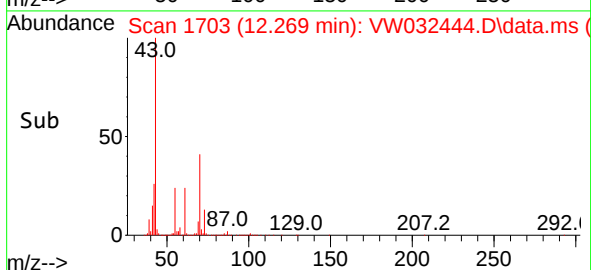
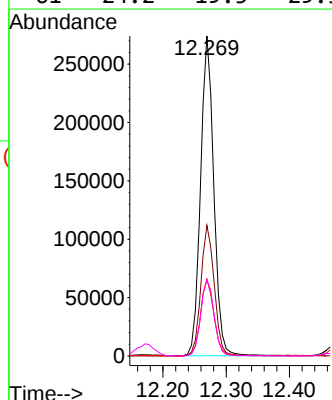
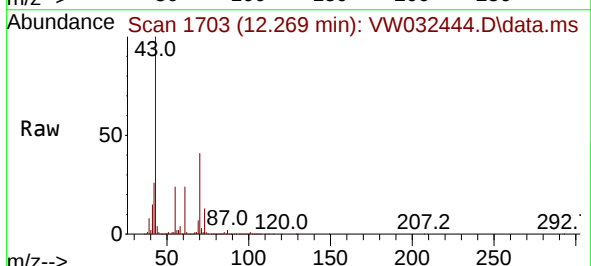
Ion Ratio Lower Upper

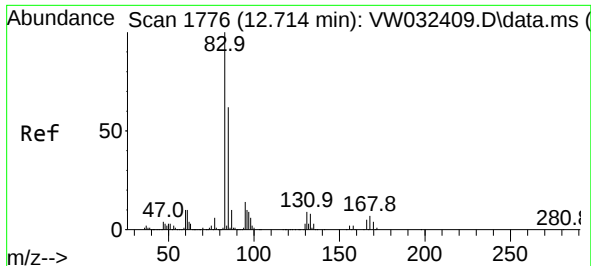
43 100

70 41.4 33.5 50.3

55 24.4 19.3 28.9

61 24.2 19.5 29.3

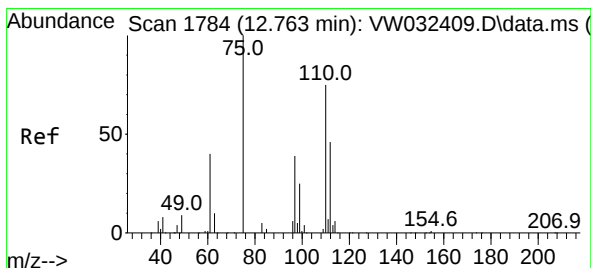
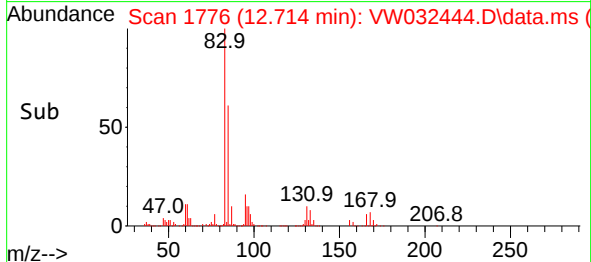
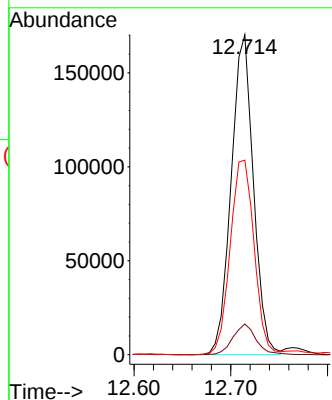
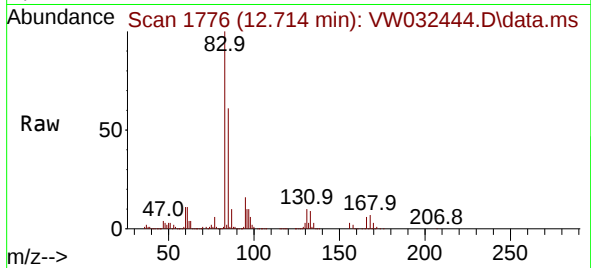




#75
1,1,2,2-Tetrachloroethane
Concen: 53.280 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

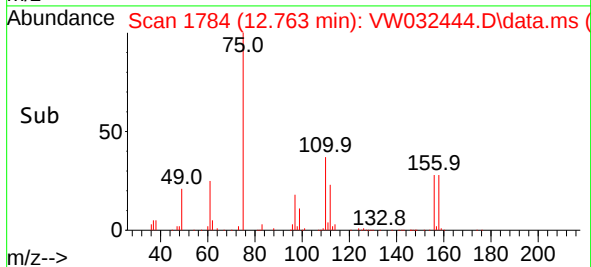
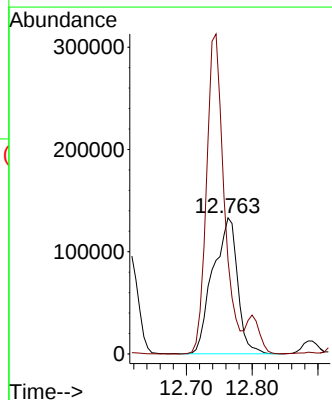
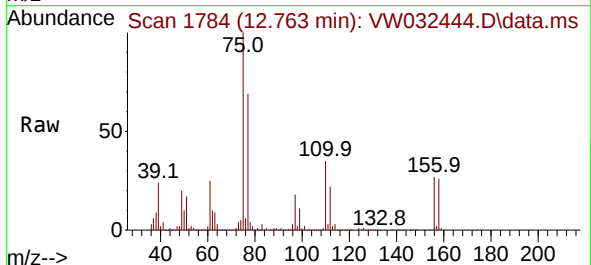
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

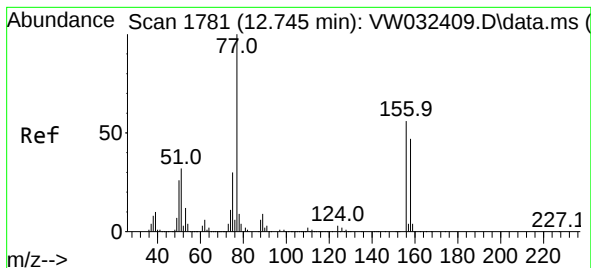
Tgt Ion: 83 Resp: 271961
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.5 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 86.307 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 75 Resp: 346560
Ion Ratio Lower Upper
75 100
77 167.5 151.6 454.8

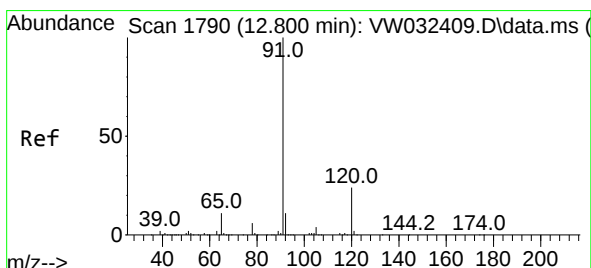
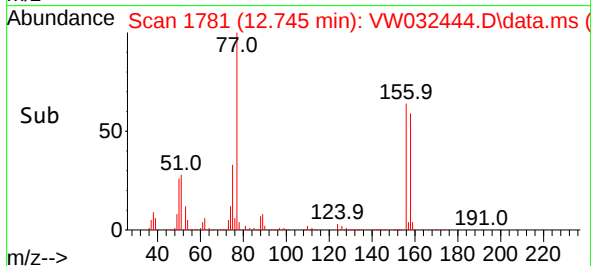
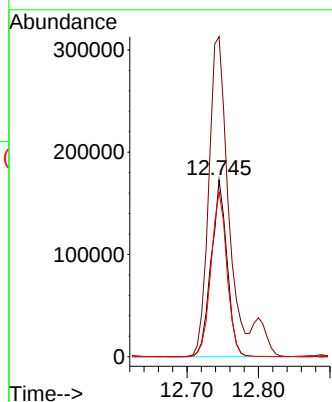
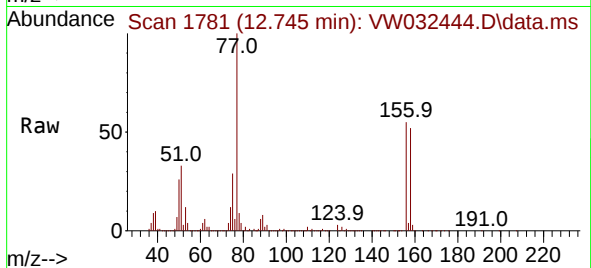




#77
Bromobenzene
Concen: 52.174 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

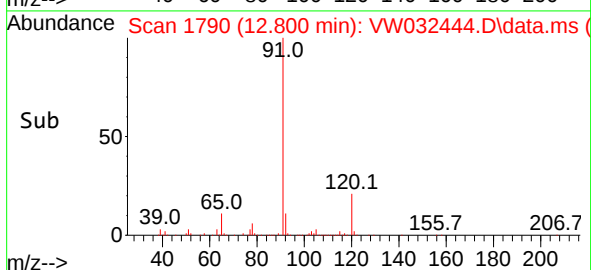
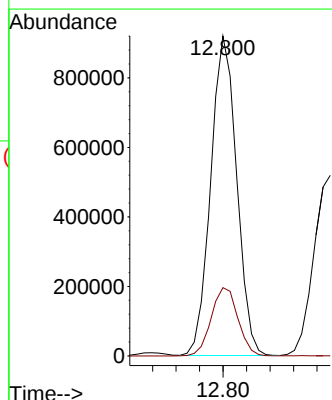
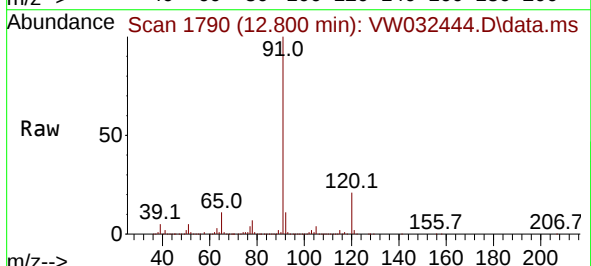
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

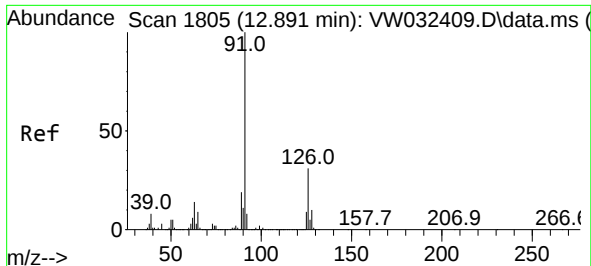
Tgt Ion:156 Resp: 265687
Ion Ratio Lower Upper
156 100
77 218.5 108.0 324.0
158 94.3 45.1 135.5



#78
n-propylbenzene
Concen: 53.802 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 91 Resp: 1409213
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9

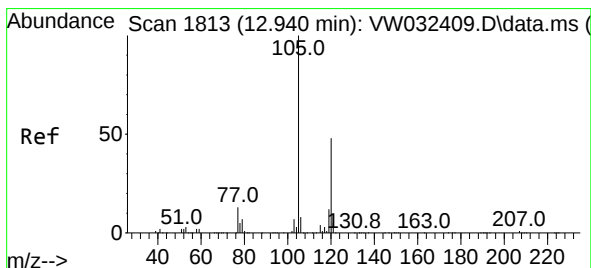
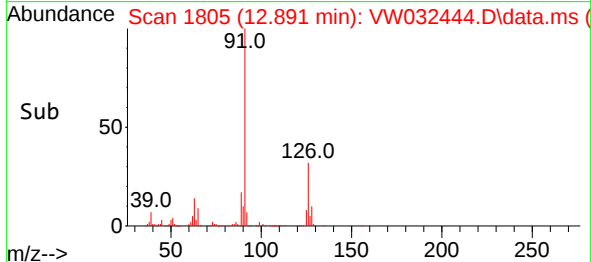
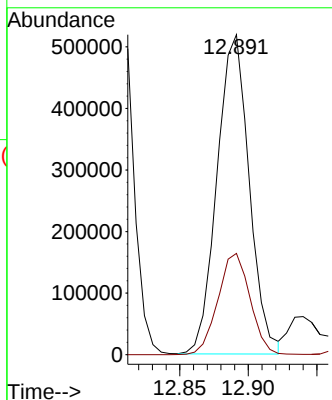
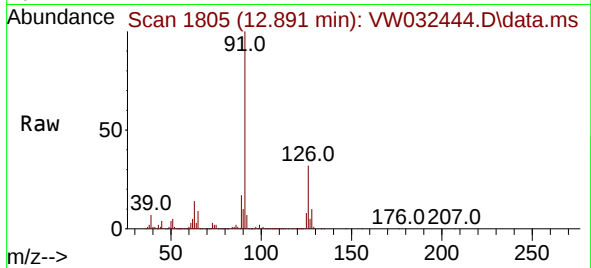




#79
2-Chlorotoluene
Concen: 53.077 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

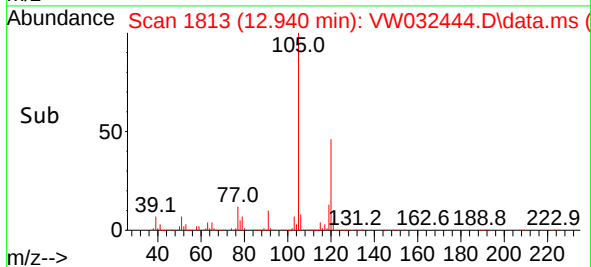
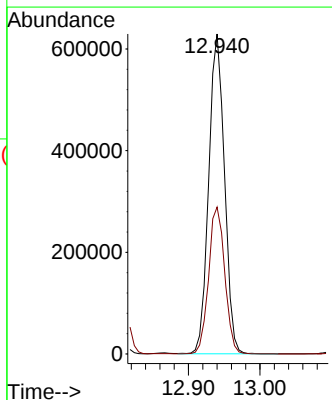
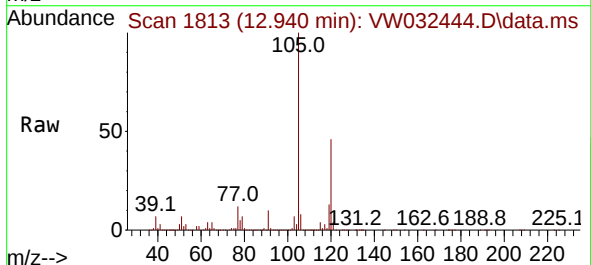
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

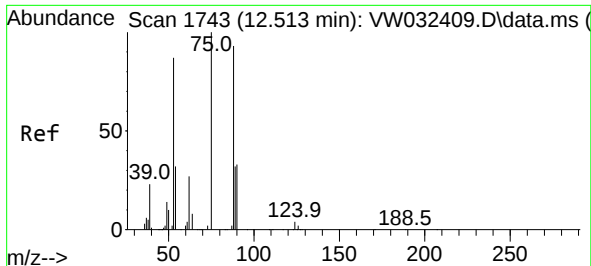
Tgt Ion: 91 Resp: 848664
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 54.235 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 105 Resp: 962342
Ion Ratio Lower Upper
105 100
120 47.1 24.2 72.6

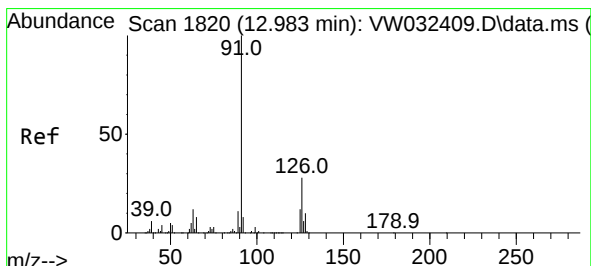
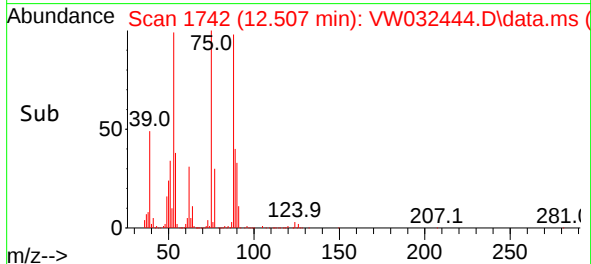
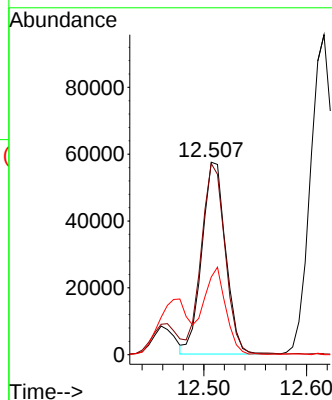
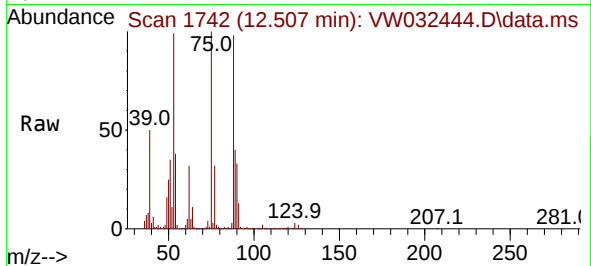




#81
trans-1,4-Dichloro-2-butene
Concen: 52.814 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

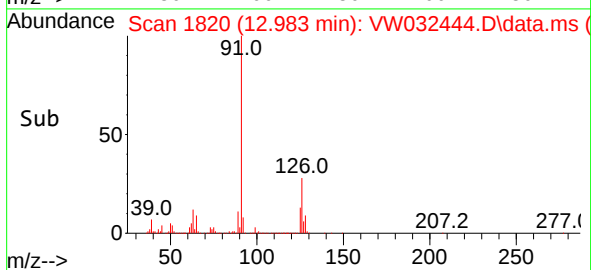
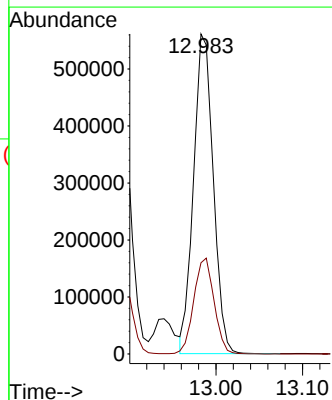
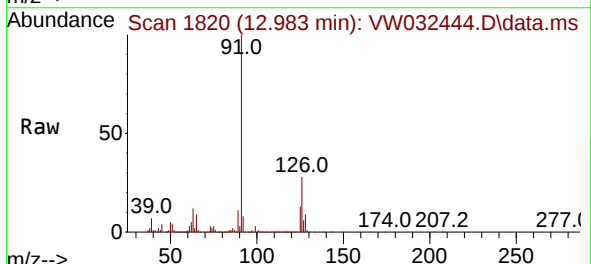
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

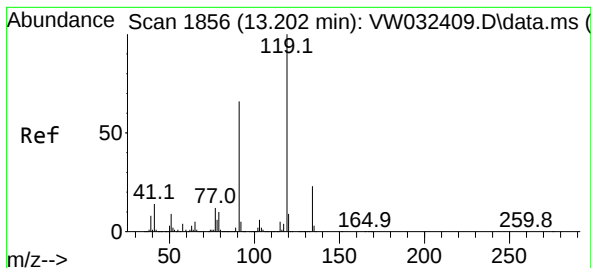
Tgt Ion: 75 Resp: 92590
Ion Ratio Lower Upper
75 100
53 98.6 77.8 116.8
89 42.2 35.6 53.4



#82
4-Chlorotoluene
Concen: 53.250 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 91 Resp: 885565
Ion Ratio Lower Upper
91 100
126 30.9 15.5 46.5

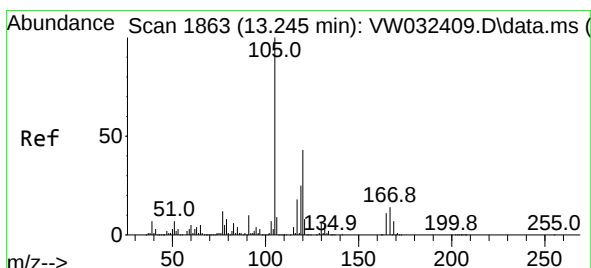
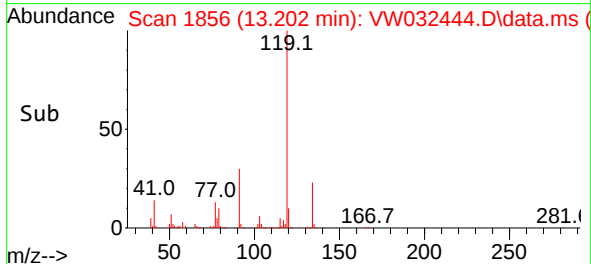
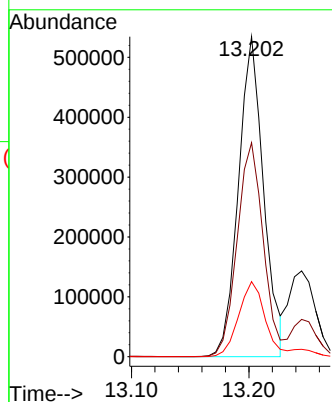
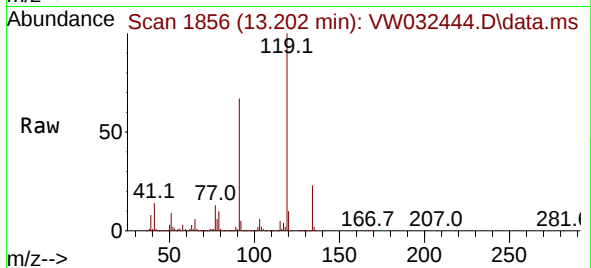




#83
tert-Butylbenzene
Concen: 51.488 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

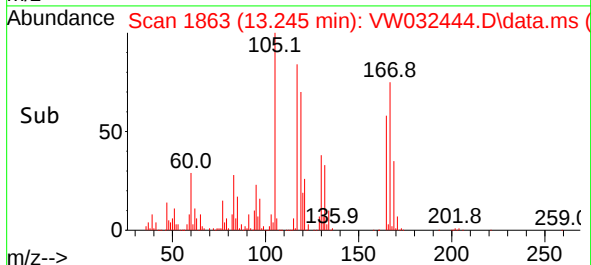
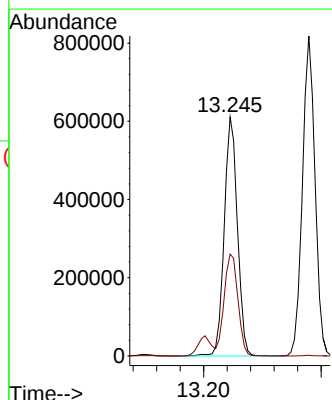
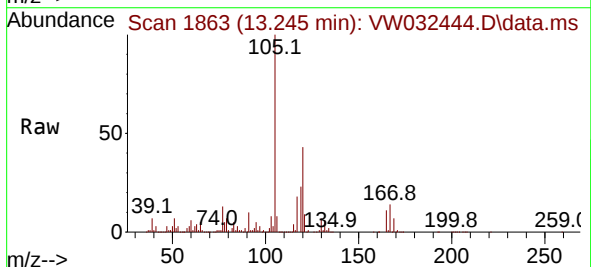
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

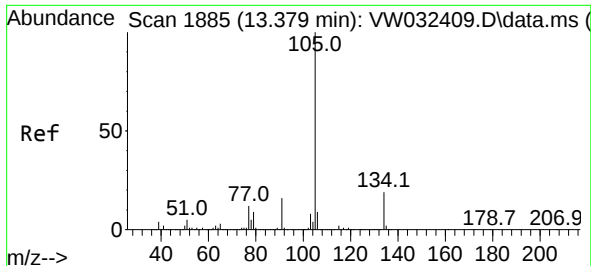
Tgt Ion:119 Resp: 794741
Ion Ratio Lower Upper
119 100
91 69.1 33.3 99.9
134 24.7 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 52.627 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion:105 Resp: 949789
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.5

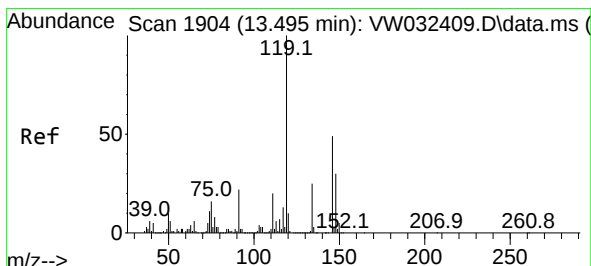
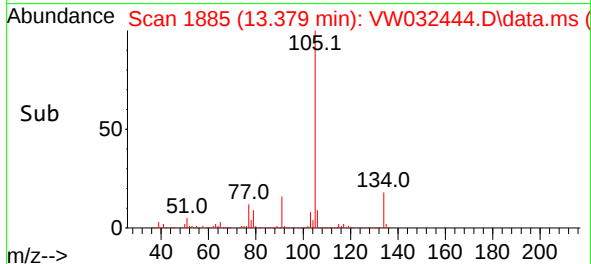
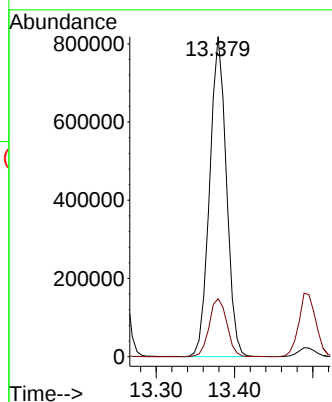
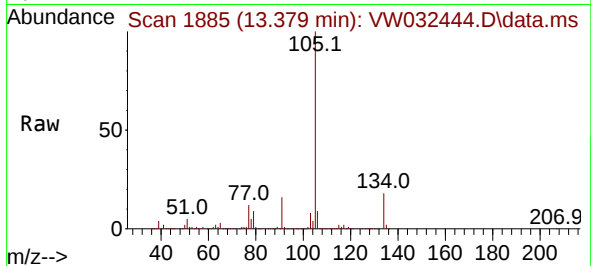




#85
 sec-Butylbenzene
 Concen: 52.713 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

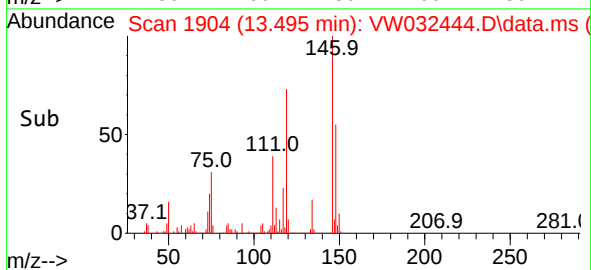
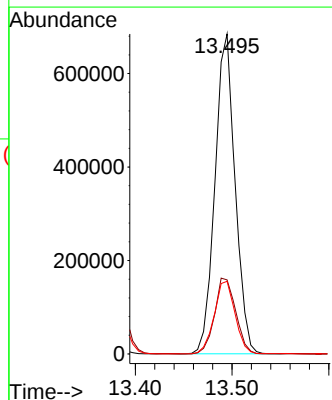
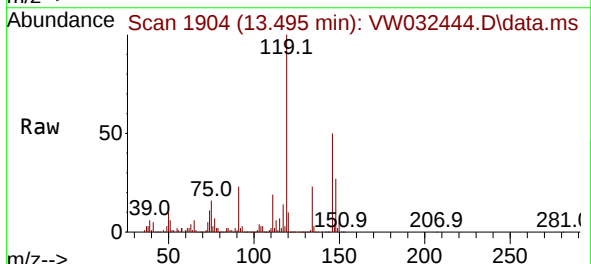
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

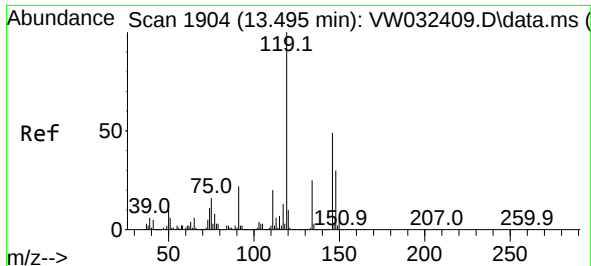
Tgt Ion:105 Resp: 1211779
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 51.936 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

Tgt Ion:119 Resp: 985767
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.1
 91 23.6 11.9 35.5

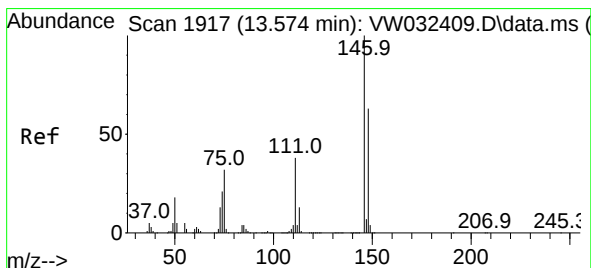
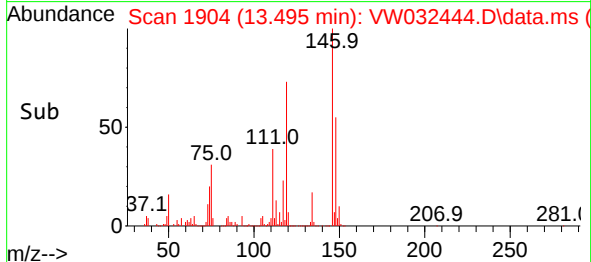
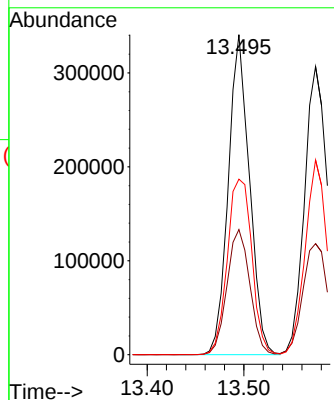
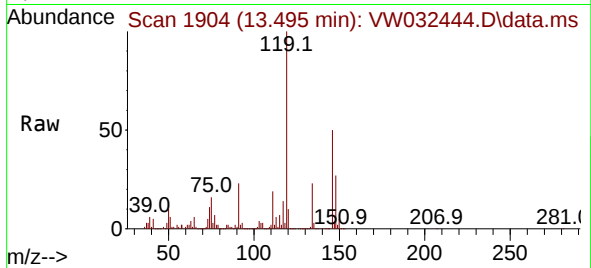




#87
 1,3-Dichlorobenzene
 Concen: 53.757 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

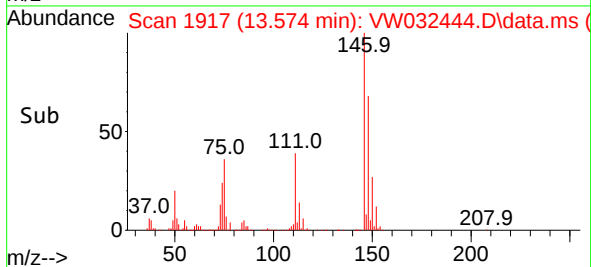
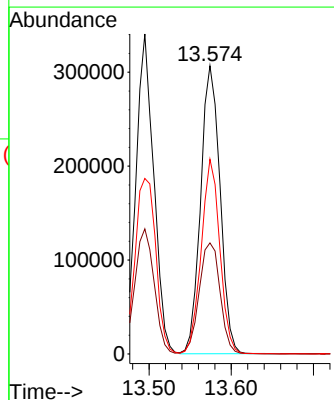
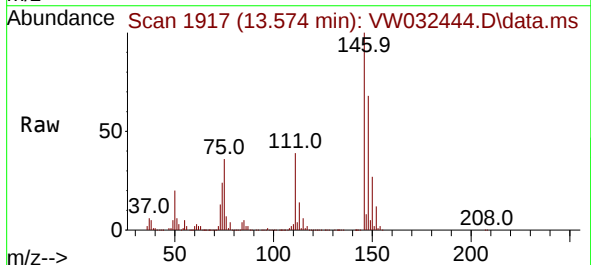
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

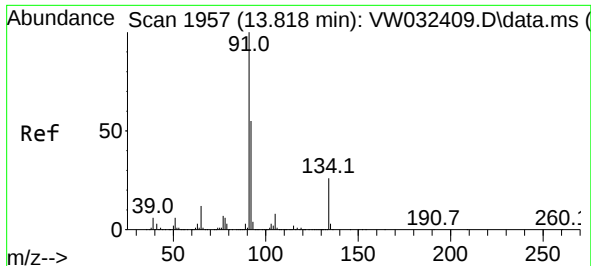
Tgt Ion:146 Resp: 519016
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.2 66.6
 148 63.6 33.4 100.1



#88
 1,4-Dichlorobenzene
 Concen: 50.813 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW032444.D
 Acq: 12 Nov 2025 17:04

Tgt Ion:146 Resp: 502615
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 64.8 31.2 93.6

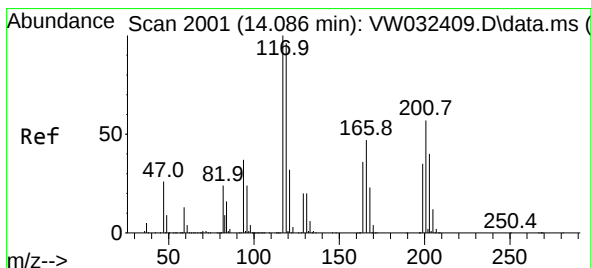
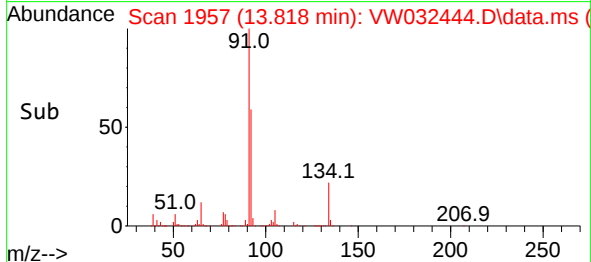
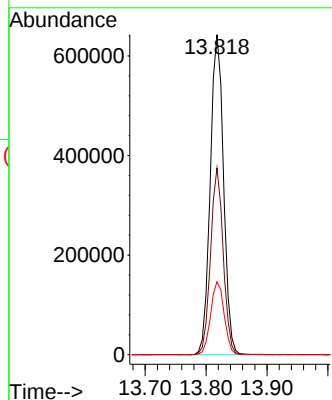
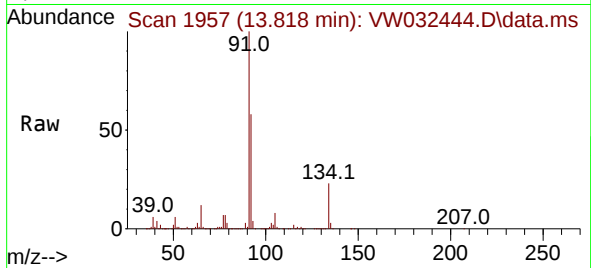




#89
n-Butylbenzene
Concen: 52.426 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

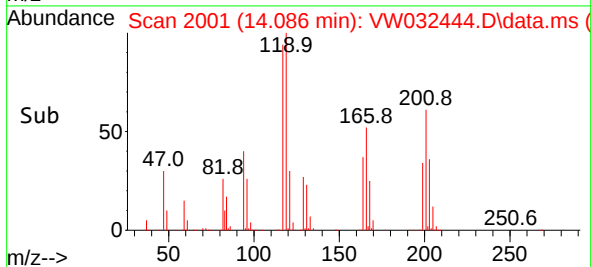
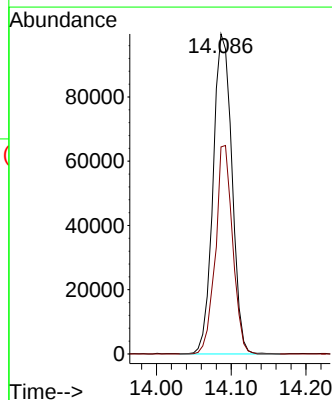
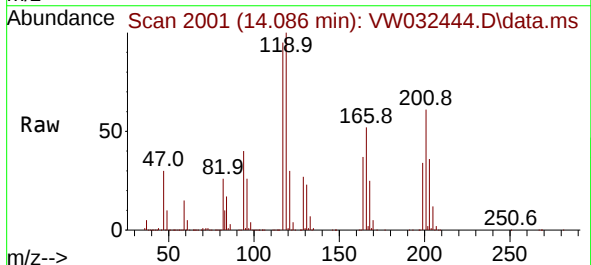
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

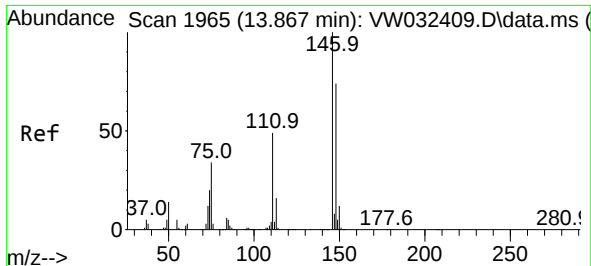
Tgt Ion: 91 Resp: 972150
Ion Ratio Lower Upper
91 100
92 55.5 27.4 82.2
134 23.3 12.4 37.4



#90
Hexachloroethane
Concen: 50.999 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032444.D
Acq: 12 Nov 2025 17:04

Tgt Ion: 117 Resp: 174527
Ion Ratio Lower Upper
117 100
201 59.4 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 53.622 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

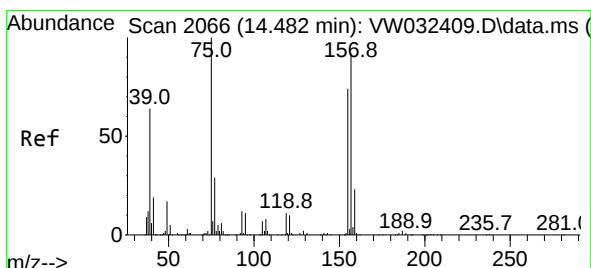
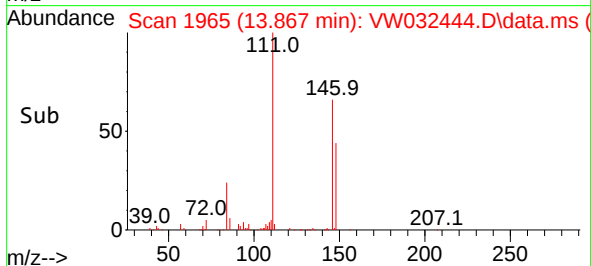
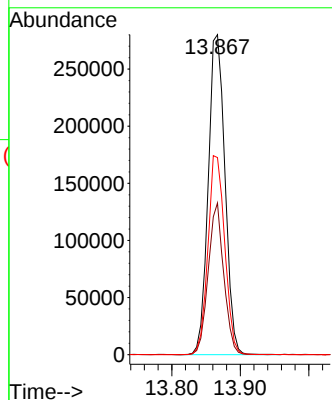
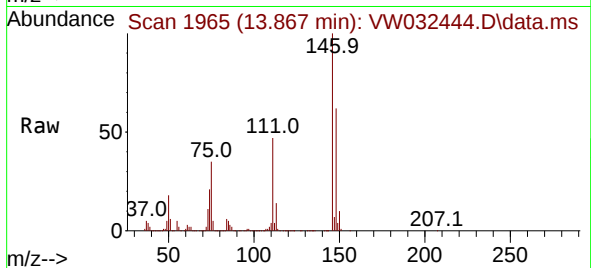
Tgt Ion:146 Resp: 475258

Ion Ratio Lower Upper

146 100

111 44.1 23.4 70.2

148 62.6 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.789 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

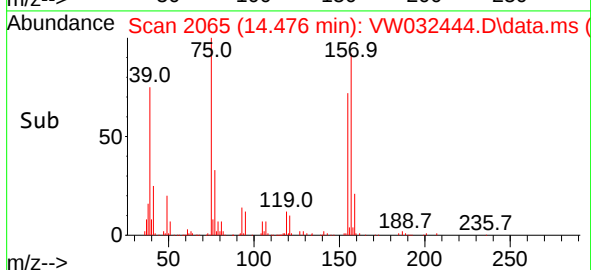
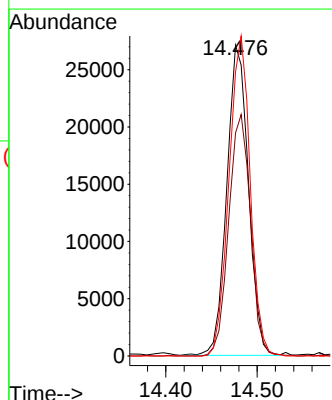
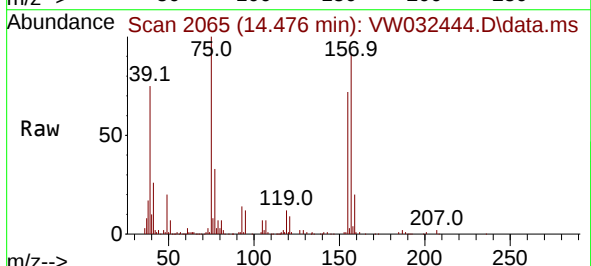
Tgt Ion: 75 Resp: 44660

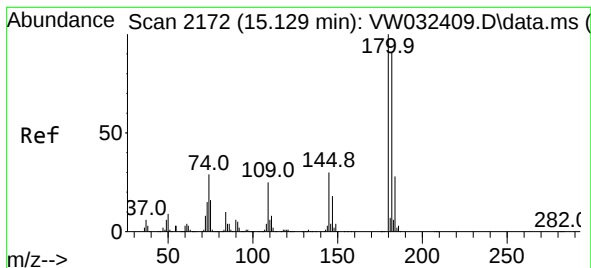
Ion Ratio Lower Upper

75 100

155 78.4 36.2 108.6

157 100.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.901 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

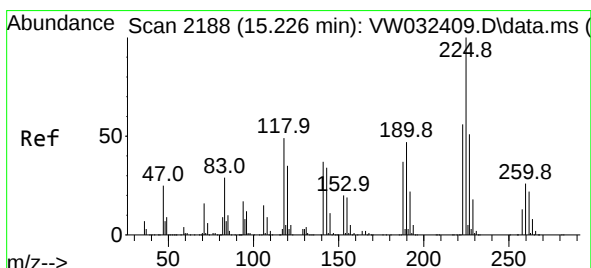
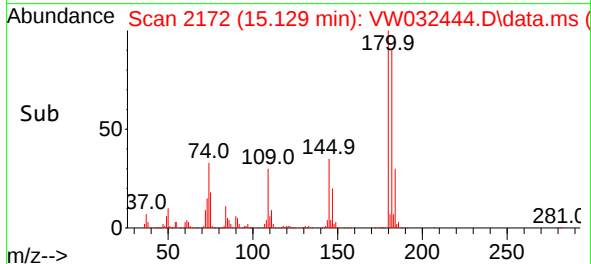
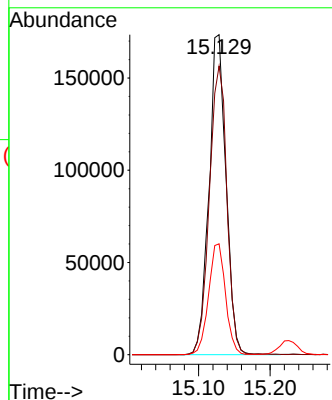
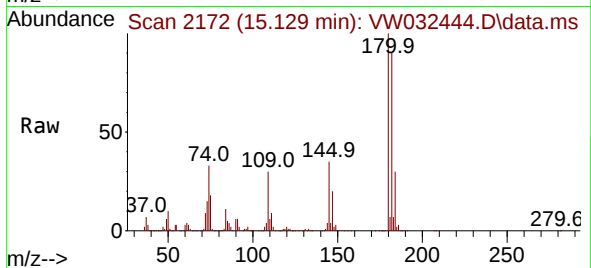
Tgt Ion:180 Resp: 287093

Ion Ratio Lower Upper

180 100

182 93.0 45.3 135.9

145 34.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 53.154 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

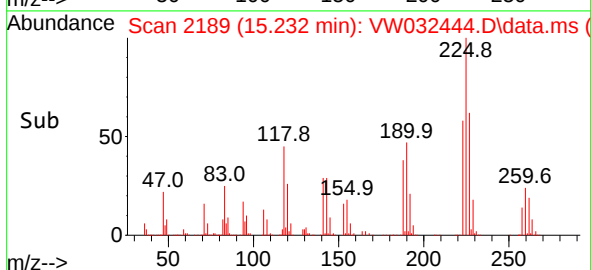
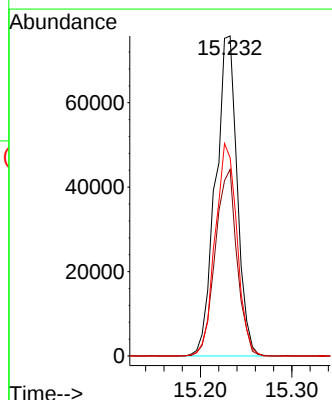
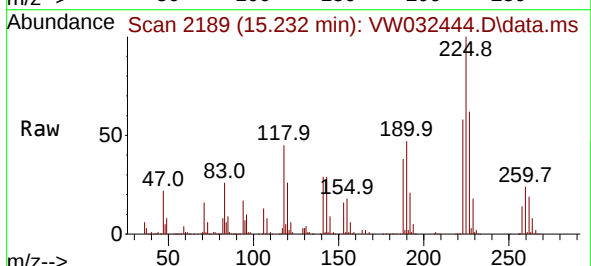
Tgt Ion:225 Resp: 124535

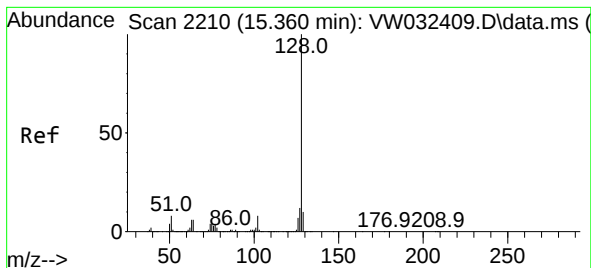
Ion Ratio Lower Upper

225 100

223 58.7 30.6 91.8

227 67.0 29.8 89.4





#95

Naphthalene

Concen: 53.921 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

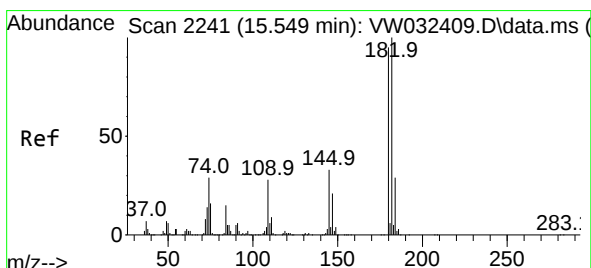
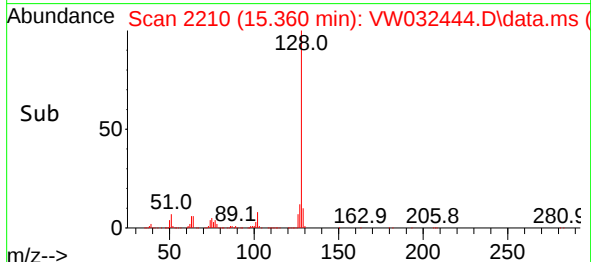
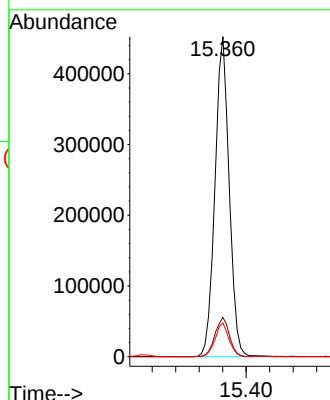
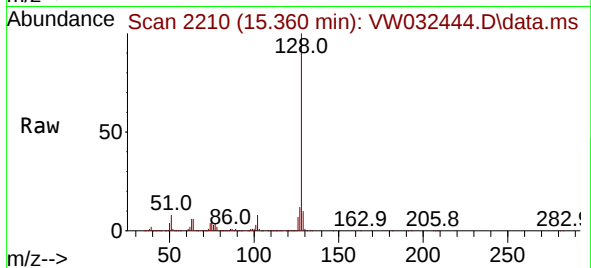
Tgt Ion:128 Resp: 758387

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.513 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032444.D

Acq: 12 Nov 2025 17:04

Tgt Ion:180 Resp: 268899

Ion Ratio Lower Upper

180 100

182 90.0 50.3 151.0

145 34.4 17.8 53.3

