

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032446.D
 Acq On : 17 Nov 2025 10:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 02:55:39 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	377695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	701028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	638930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	292929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	252312	51.816	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.640%	
35) Dibromofluoromethane	7.904	113	211261	50.334	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.660%	
50) Toluene-d8	10.325	98	825367	51.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.617	95	300100	49.337	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 98.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	96738	50.482	ug/l	95
3) Chloromethane	2.259	50	168331	51.248	ug/l	100
4) Vinyl Chloride	2.405	62	215241	51.923	ug/l	99
5) Bromomethane	2.826	94	146074	52.679	ug/l	93
6) Chloroethane	2.972	64	142605	52.581	ug/l	98
7) Trichlorofluoromethane	3.308	101	172280	53.008	ug/l	96
8) Diethyl Ether	3.722	74	133006	50.055	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.112	101	189546	53.538	ug/l	98
10) Methyl Iodide	4.307	142	289548	50.778	ug/l	99
11) Tert butyl alcohol	5.222	59	92118	218.778	ug/l	98
12) 1,1-Dichloroethene	4.082	96	211447	52.085	ug/l	98
13) Acrolein	3.929	56	131013	185.452	ug/l	99
14) Allyl chloride	4.710	41	406925	52.123	ug/l	98
15) Acrylonitrile	5.405	53	394426	256.726	ug/l	99
16) Acetone	4.161	43	397760	273.036	ug/l	98
17) Carbon Disulfide	4.423	76	638736	53.233	ug/l	98
18) Methyl Acetate	4.710	43	185009	51.284	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	420183	49.101	ug/l	97
20) Methylene Chloride	4.960	84	255473	49.036	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	241986	52.130	ug/l	97
22) Diisopropyl ether	6.344	45	833317	52.425	ug/l	96
23) Vinyl Acetate	6.283	43	2868194	263.369	ug/l	98
24) 1,1-Dichloroethane	6.246	63	462540	53.112	ug/l	100
25) 2-Butanone	7.197	43	552731	257.535	ug/l	99
26) 2,2-Dichloropropane	7.191	77	249567	51.420	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	284682	51.325	ug/l	98
28) Bromochloromethane	7.532	49	214262	52.055	ug/l	99
29) Tetrahydrofuran	7.551	42	352420	258.708	ug/l	99
30) Chloroform	7.691	83	455405	53.417	ug/l	100
31) Cyclohexane	7.971	56	405683	50.359	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	326013	53.530	ug/l	98
36) 1,1-Dichloropropene	8.093	75	328142	53.061	ug/l	98
37) Ethyl Acetate	7.276	43	236958	51.529	ug/l	99
38) Carbon Tetrachloride	8.087	117	298700	54.359	ug/l	97
39) Methylcyclohexane	9.343	83	413296	51.589	ug/l	95
40) Benzene	8.337	78	1021003	51.267	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	125344	49.619	ug/l	97
42) 1,2-Dichloroethane	8.410	62	306816	52.450	ug/l	99
43) Isopropyl Acetate	8.435	43	410946	50.469	ug/l	99
44) Trichloroethene	9.099	130	231613	49.979	ug/l	99
45) 1,2-Dichloropropane	9.374	63	261013	52.635	ug/l	97
46) Dibromomethane	9.465	93	152999	52.798	ug/l	97
47) Bromodichloromethane	9.654	83	346082	52.355	ug/l	98
48) Methyl methacrylate	9.441	41	190899	49.337	ug/l	94
49) 1,4-Dioxane	9.459	88	40499	997.632	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	1181483	262.469	ug/l	100
52) Toluene	10.392	92	642911	52.263	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	350354	51.464	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	405435	51.499	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	200378	50.405	ug/l	96
56) Ethyl methacrylate	10.648	69	311884	51.132	ug/l	99
57) 1,3-Dichloropropane	10.934	76	360902	50.830	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	874072	269.085	ug/l	99
59) 2-Hexanone	10.971	43	854142	259.350	ug/l	99
60) Dibromochloromethane	11.129	129	229247	51.639	ug/l	100
61) 1,2-Dibromoethane	11.233	107	194848	50.324	ug/l	99
64) Tetrachloroethene	10.867	164	186058	49.175	ug/l	94
65) Chlorobenzene	11.654	112	687996	49.959	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	216734	50.853	ug/l	99
67) Ethyl Benzene	11.727	91	1184425	49.707	ug/l	98
68) m/p-Xylenes	11.837	106	907800	101.469	ug/l	100
69) o-Xylene	12.166	106	427237	49.874	ug/l	100
70) Styrene	12.178	104	746220	50.639	ug/l	99
71) Bromoform	12.343	173	125485	49.709	ug/l	98
73) Isopropylbenzene	12.458	105	1084037	50.388	ug/l	100
74) N-amyl acetate	12.269	43	372231	49.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	260174	50.957	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	329843	82.121	ug/l	33
77) Bromobenzene	12.745	156	251084	49.293	ug/l	94
78) n-propylbenzene	12.800	91	1395750	53.274	ug/l	98
79) 2-Chlorotoluene	12.891	91	806501	50.426	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	896335	50.501	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	92294	52.631	ug/l	99
82) 4-Chlorotoluene	12.989	91	853458	51.305	ug/l	98
83) tert-Butylbenzene	13.202	119	770700	49.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	926078	51.299	ug/l	99
85) sec-Butylbenzene	13.379	105	1164641	50.649	ug/l	100
86) p-Isopropyltoluene	13.495	119	969548	51.068	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	506591	52.456	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	494934	50.023	ug/l	99
89) n-Butylbenzene	13.818	91	953446	51.403	ug/l	99
90) Hexachloroethane	14.086	117	176870	51.670	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	451020	50.874	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	44996	51.157	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	265681	47.092	ug/l	94
94) Hexachlorobutadiene	15.226	225	122492	52.268	ug/l	98
95) Naphthalene	15.360	128	691163	49.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	248672	48.550	ug/l	96

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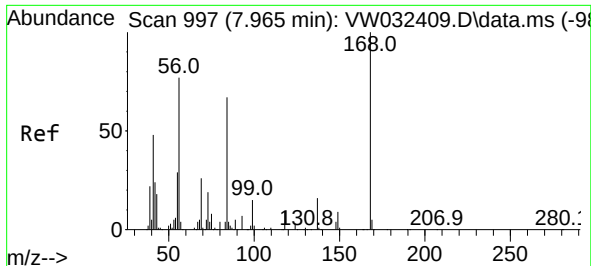
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QLast Update : Tue Nov 11 03:48:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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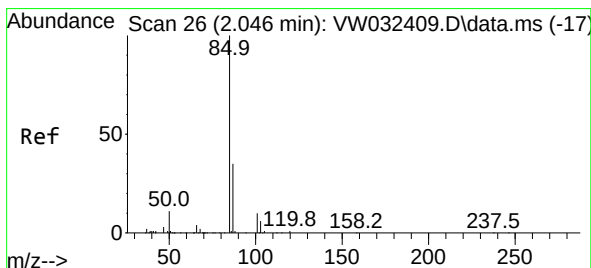
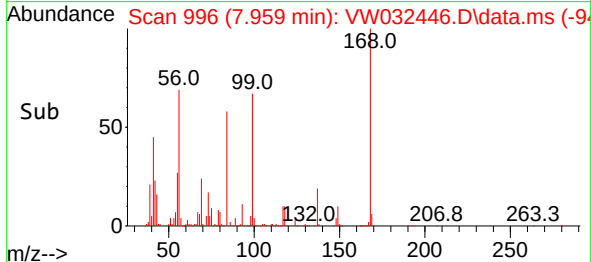
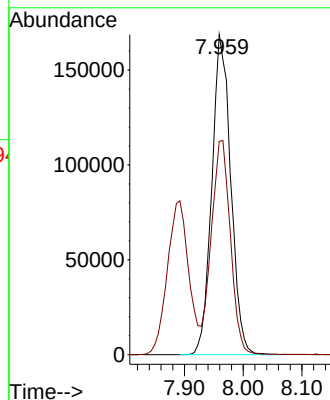
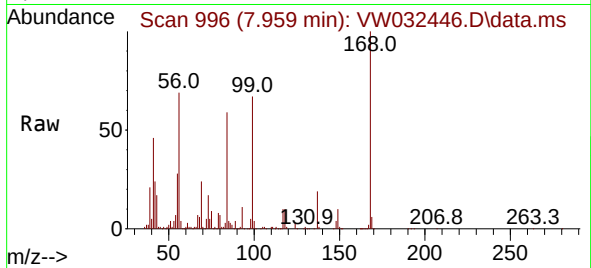




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032446.D
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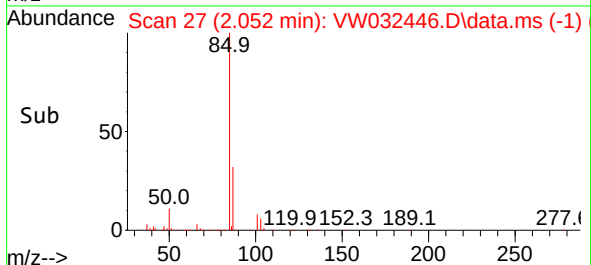
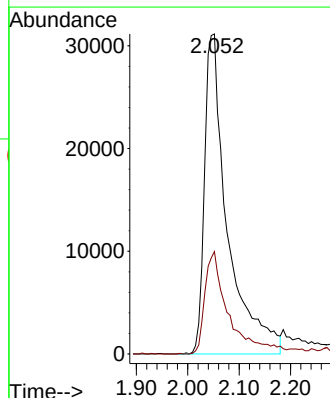
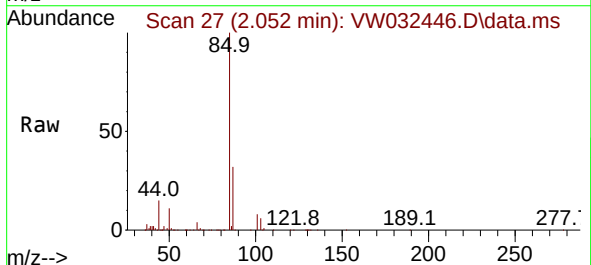
Instrument :
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ClientSampleId :
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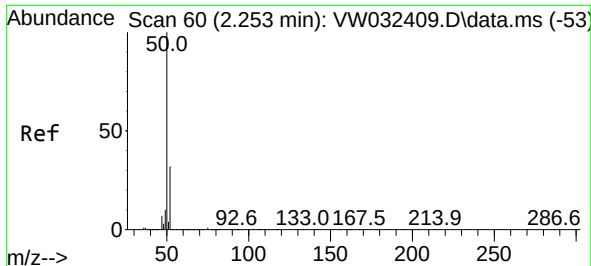
Tgt Ion:168 Resp: 377695
Ion Ratio Lower Upper
168 100
99 66.7 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 50.482 ug/l
RT: 2.052 min Scan# 27
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 85 Resp: 96738
Ion Ratio Lower Upper
85 100
87 31.8 17.4 52.2

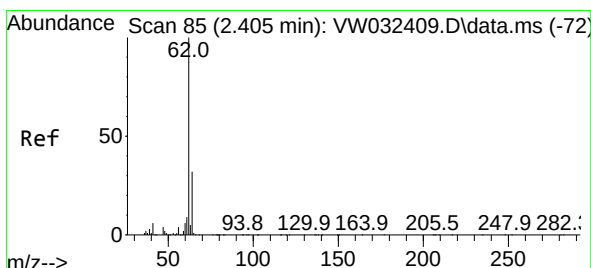
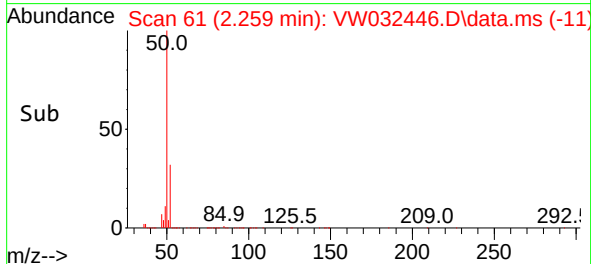
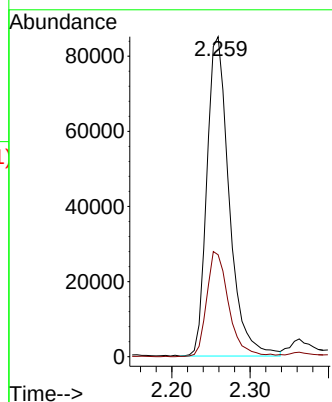
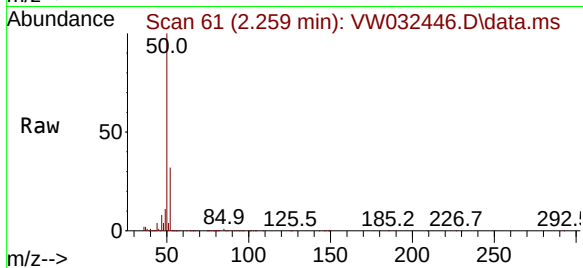




#3
Chloromethane
Concen: 51.248 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

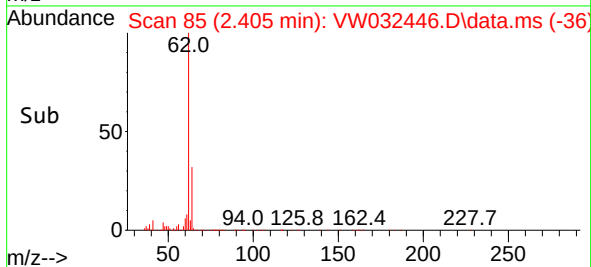
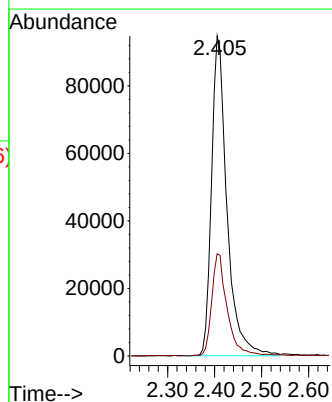
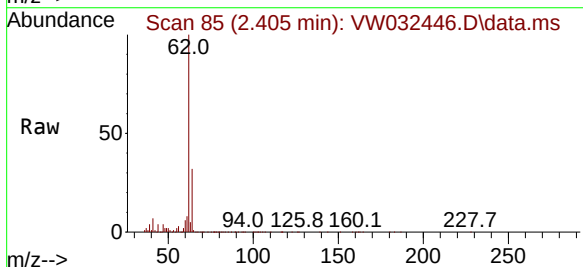
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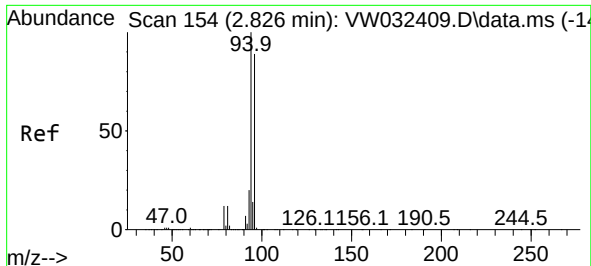
Tgt Ion: 50 Resp: 168331
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 51.923 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 62 Resp: 215241
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8

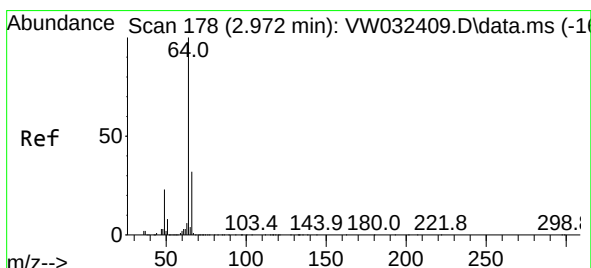
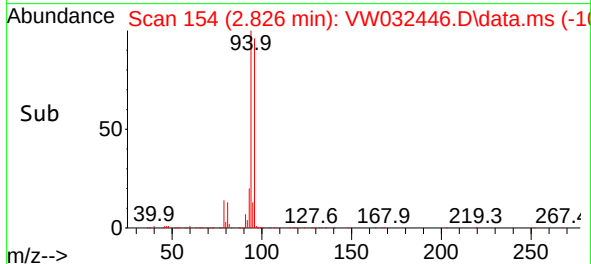
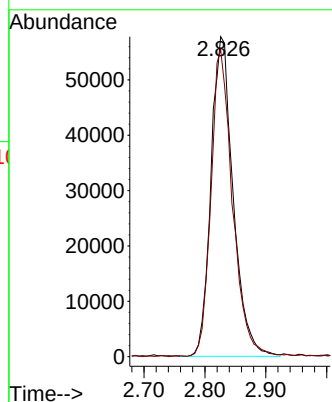
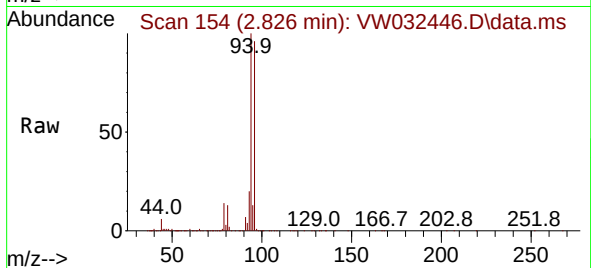




#5
Bromomethane
Concen: 52.679 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

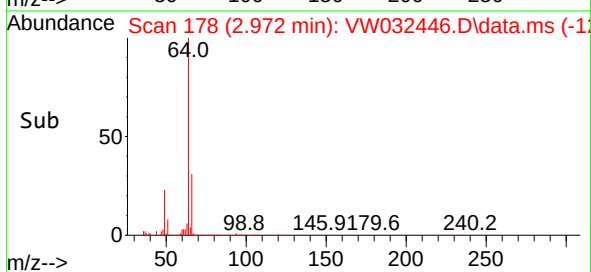
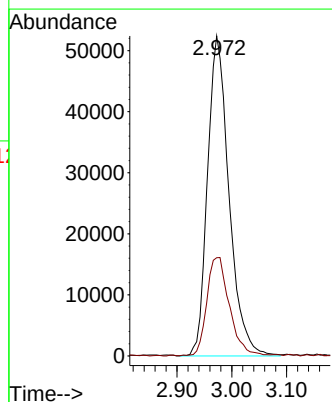
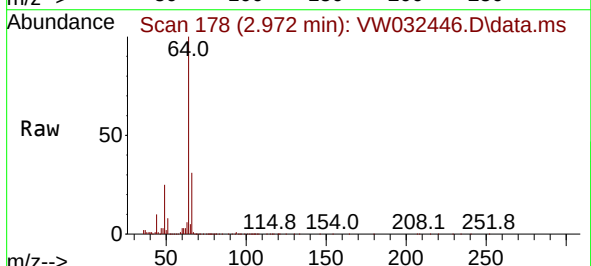
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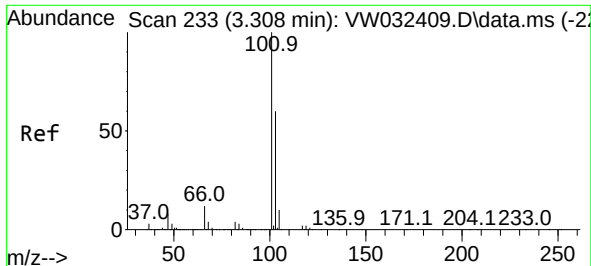
Tgt Ion: 94 Resp: 146074
Ion Ratio Lower Upper
94 100
96 95.7 71.4 107.2



#6
Chloroethane
Concen: 52.581 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 64 Resp: 142605
Ion Ratio Lower Upper
64 100
66 30.6 25.6 38.4

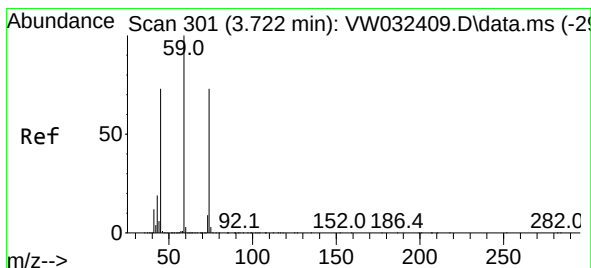
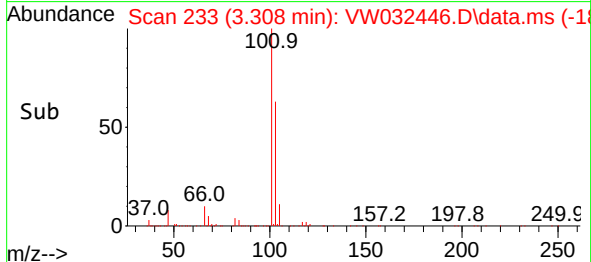
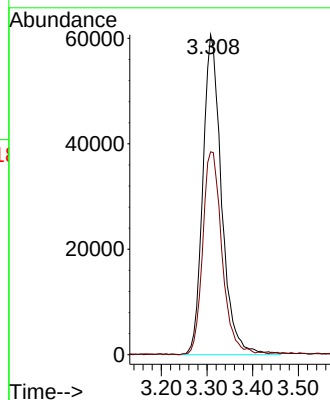
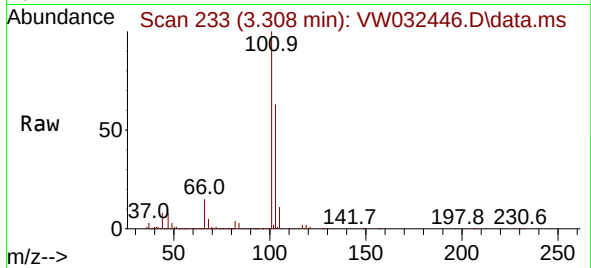




#7
 Trichlorofluoromethane
 Concen: 53.008 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032446.D
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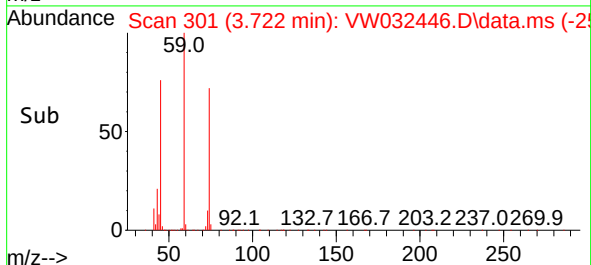
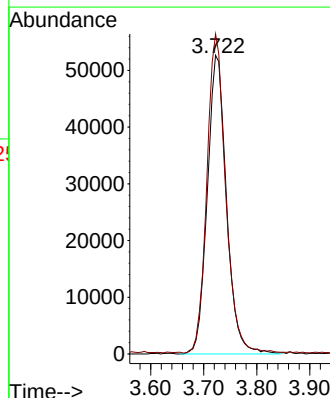
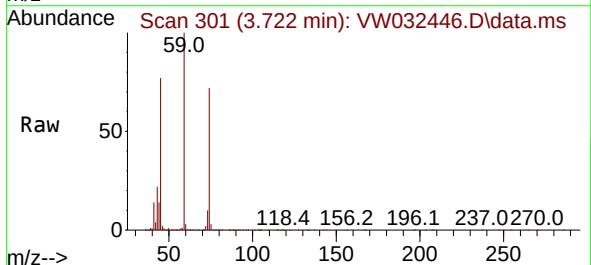
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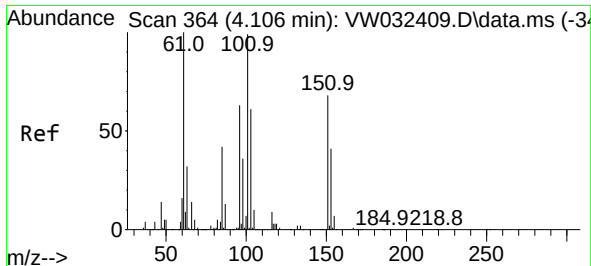
Tgt Ion:101 Resp: 172280
 Ion Ratio Lower Upper
 101 100
 103 63.4 48.0 72.0



#8
 Diethyl Ether
 Concen: 50.055 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032446.D
 Acq: 17 Nov 2025 10:31

Tgt Ion: 74 Resp: 133006
 Ion Ratio Lower Upper
 74 100
 45 104.1 51.8 155.4

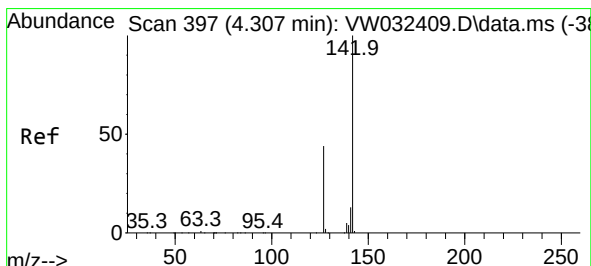
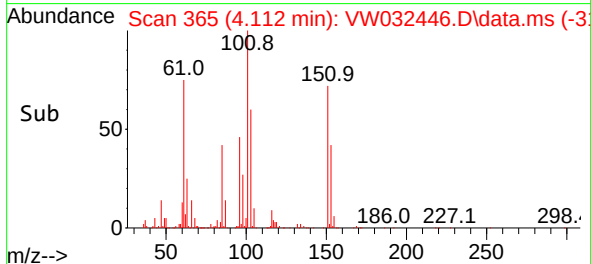
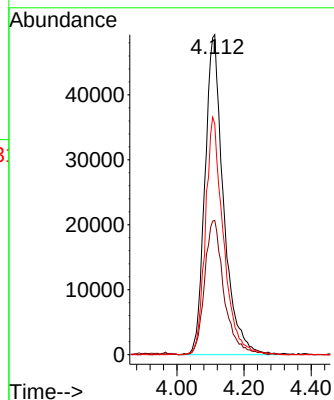
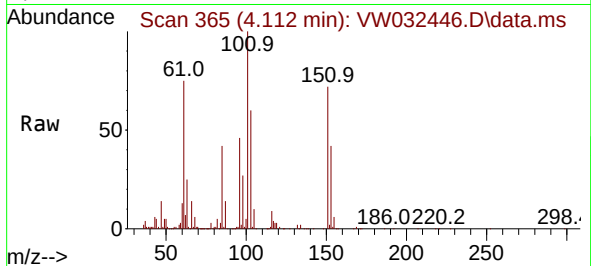




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.538 ug/l
RT: 4.112 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW032446.D
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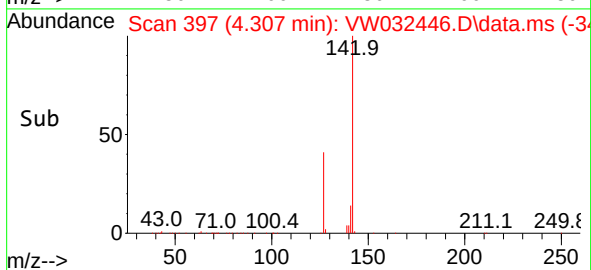
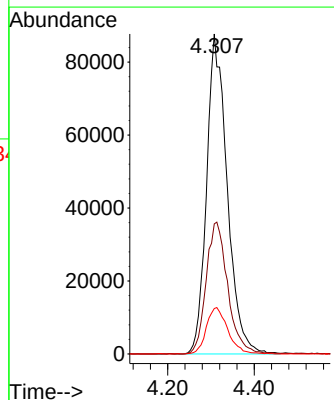
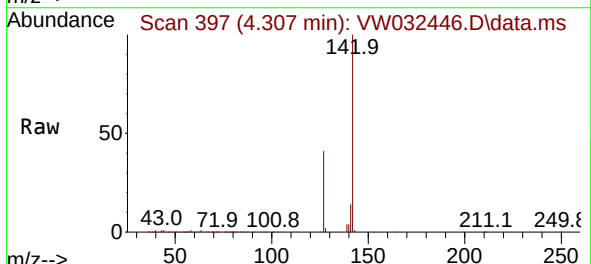
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MSVOA_W
ClientSampleId :
VSTDCCC050

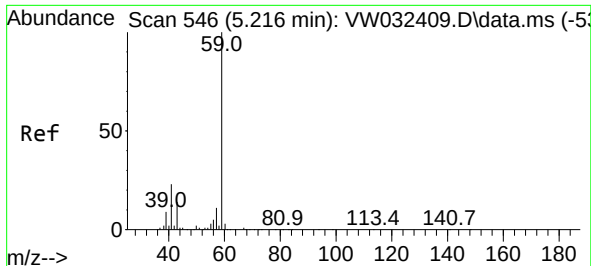
Tgt Ion:101 Resp: 189546
Ion Ratio Lower Upper
101 100
85 43.7 34.1 51.1
151 71.9 56.4 84.6



#10
Methyl Iodide
Concen: 50.778 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion:142 Resp: 289548
Ion Ratio Lower Upper
142 100
127 43.3 34.2 51.2
141 15.1 11.8 17.8

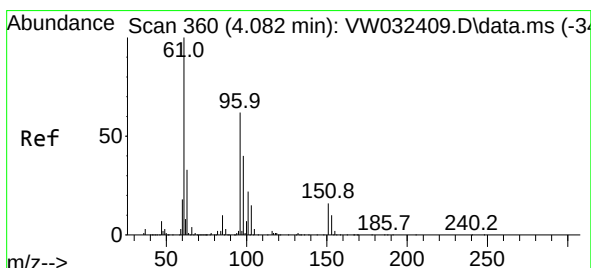
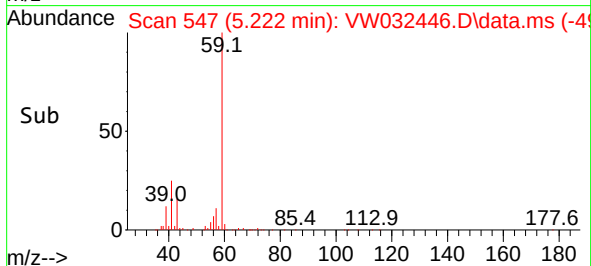
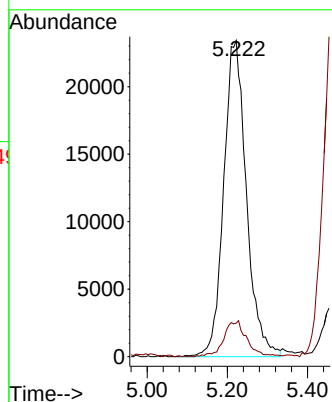
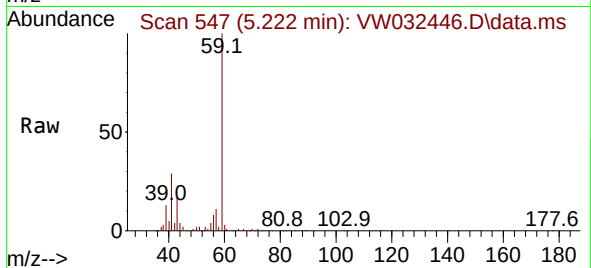




#11
Tert butyl alcohol
Concen: 218.778 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

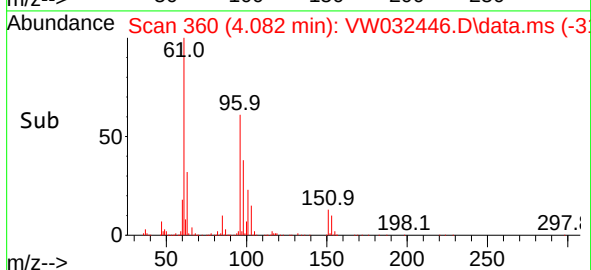
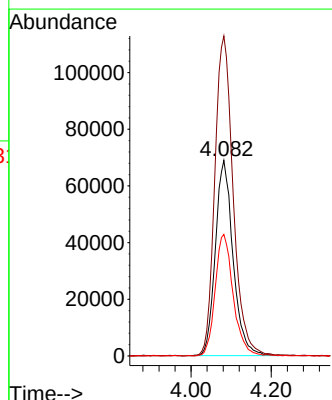
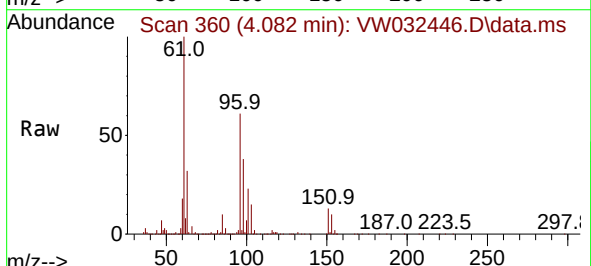
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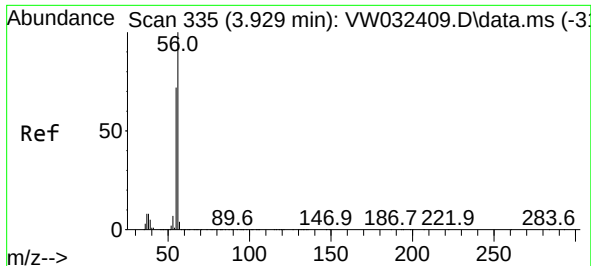
Tgt Ion: 59 Resp: 92118
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 52.085 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 96 Resp: 211447
Ion Ratio Lower Upper
96 100
61 163.7 129.0 193.6
98 62.1 51.1 76.7

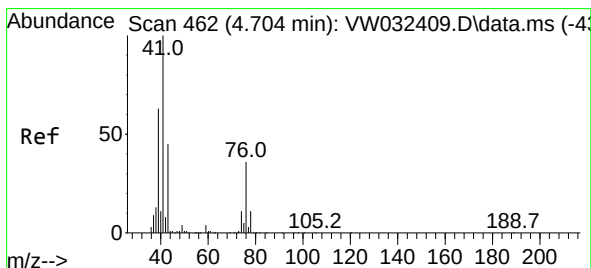
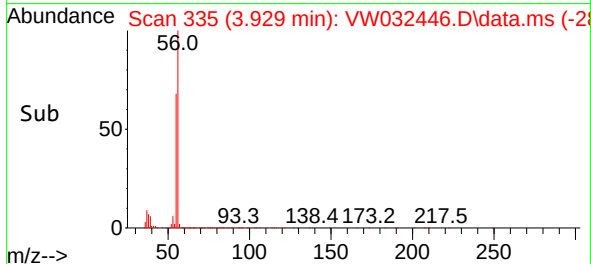
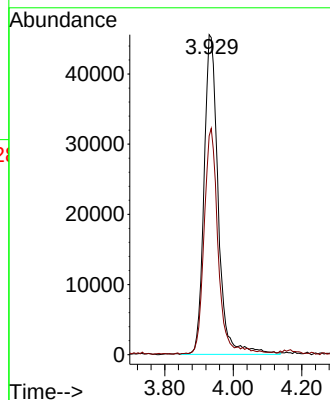
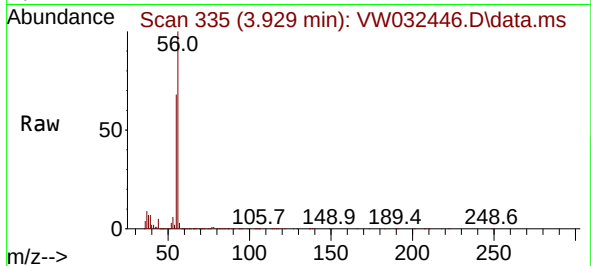




#13
Acrolein
Concen: 185.452 ug/l
RT: 3.929 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

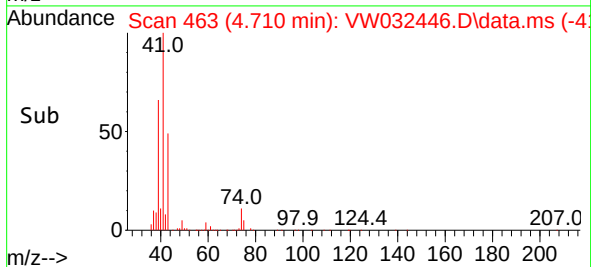
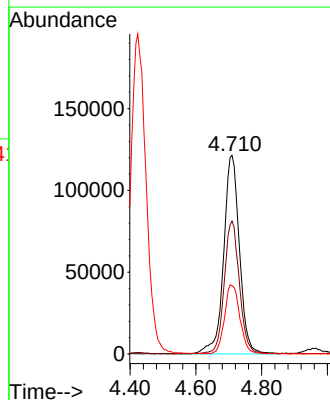
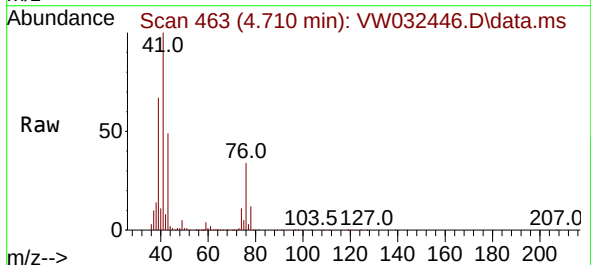
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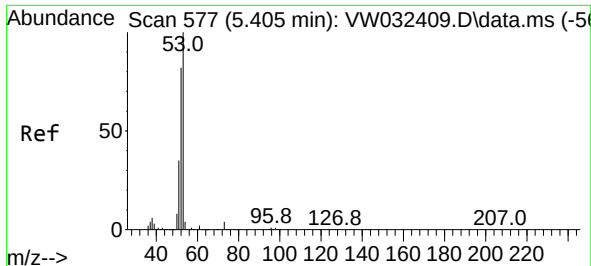
Tgt Ion: 56 Resp: 131013
Ion Ratio Lower Upper
56 100
55 69.8 56.3 84.5



#14
Allyl chloride
Concen: 52.123 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 41 Resp: 406925
Ion Ratio Lower Upper
41 100
39 64.2 50.2 75.2
76 33.0 27.0 40.6

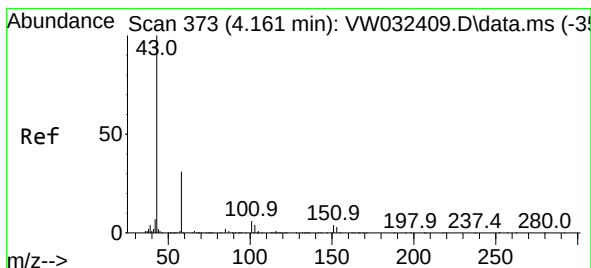
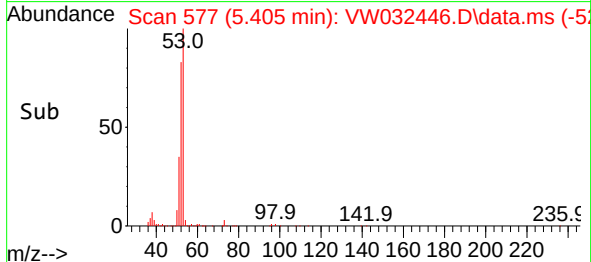
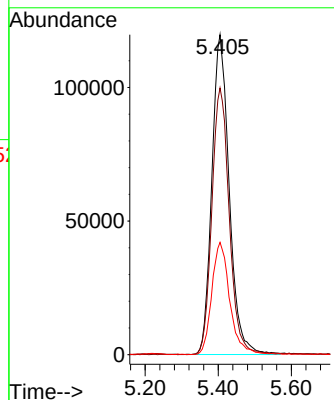
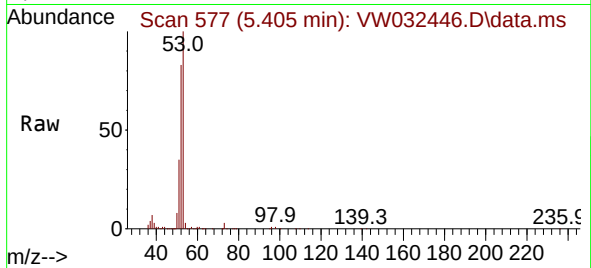




#15
Acrylonitrile
Concen: 256.726 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

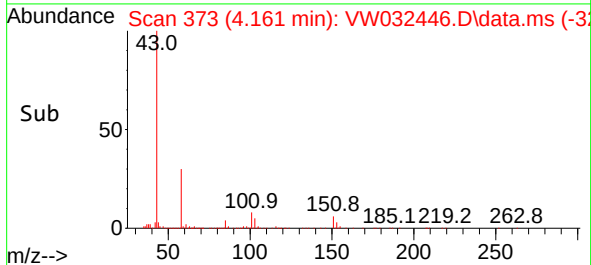
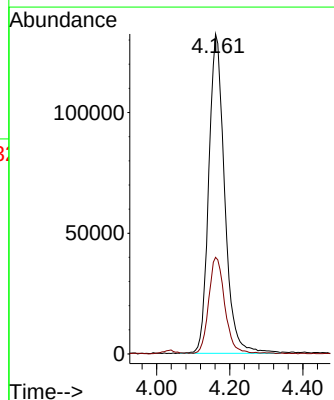
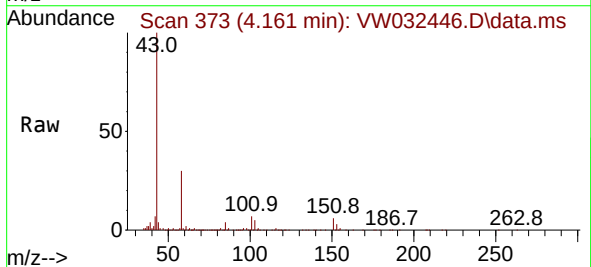
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

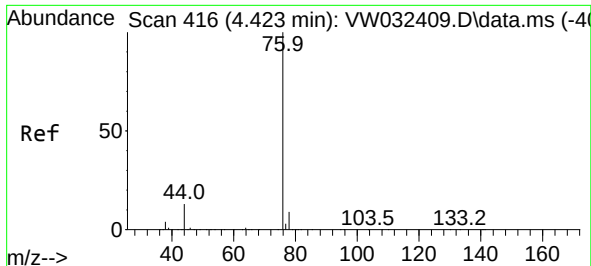
Tgt Ion: 53 Resp: 394426
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 36.6 28.6 43.0



#16
Acetone
Concen: 273.036 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 43 Resp: 397760
Ion Ratio Lower Upper
43 100
58 30.0 24.8 37.2

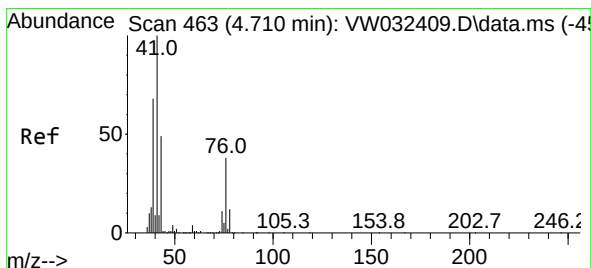
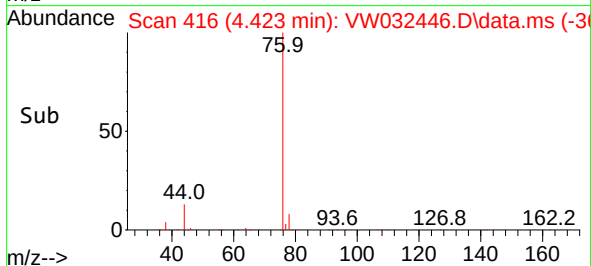
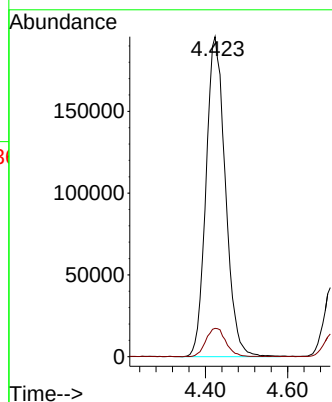
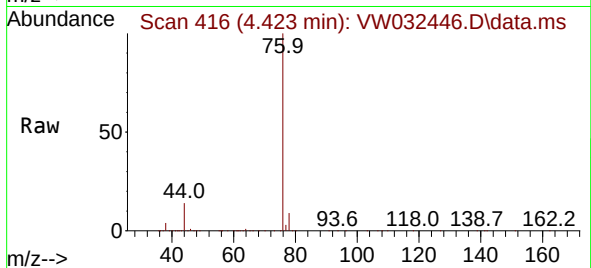




#17
Carbon Disulfide
Concen: 53.233 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

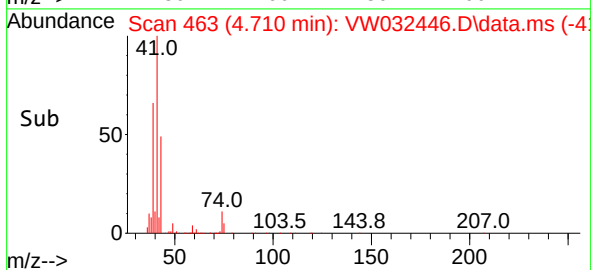
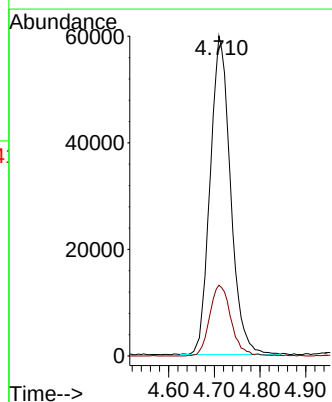
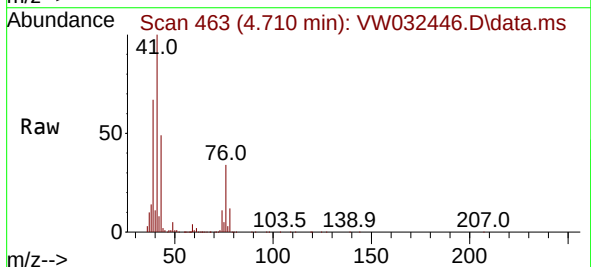
Instrument :
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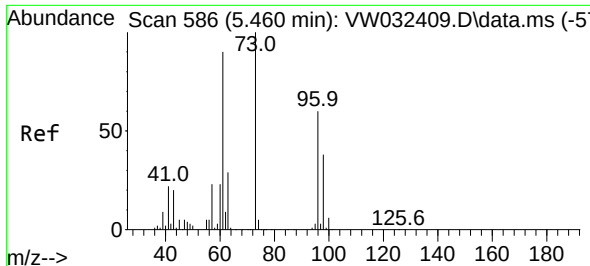
Tgt Ion: 76 Resp: 638736
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 51.284 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 43 Resp: 185009
Ion Ratio Lower Upper
43 100
74 23.5 18.9 28.3

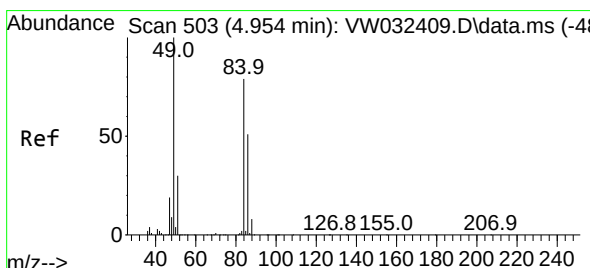
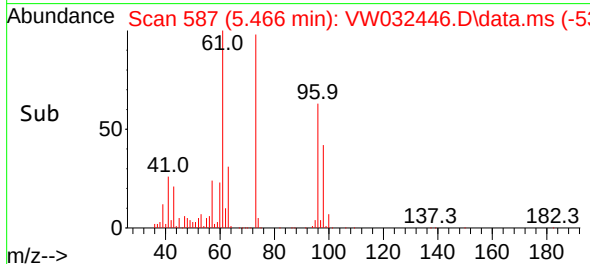
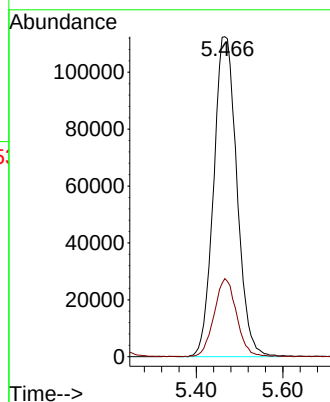
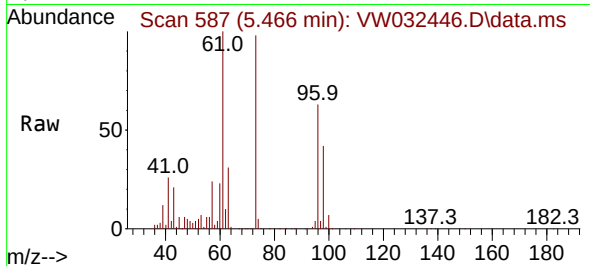




#19
Methyl tert-butyl Ether
Concen: 49.101 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

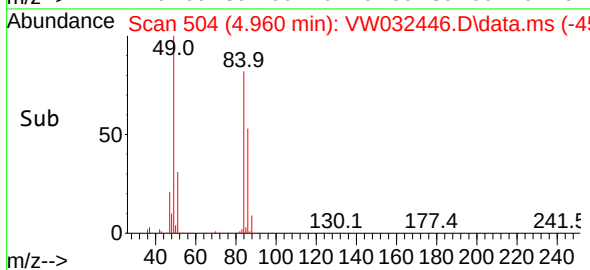
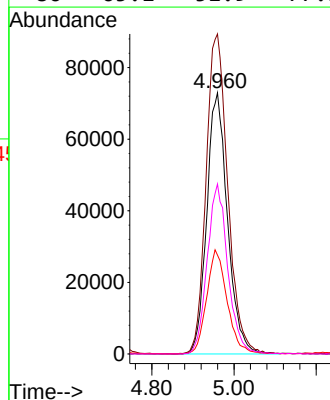
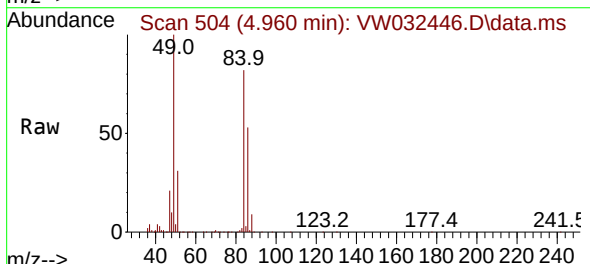
Instrument :
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ClientSampleId :
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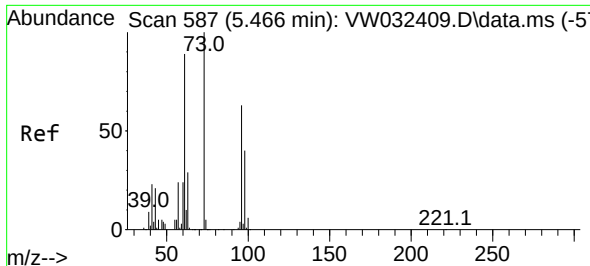
Tgt Ion: 73 Resp: 420183
Ion Ratio Lower Upper
73 100
57 24.3 18.3 27.5



#20
Methylene Chloride
Concen: 49.036 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 84 Resp: 255473
Ion Ratio Lower Upper
84 100
49 122.4 101.5 152.3
51 37.8 30.6 46.0
86 65.1 51.9 77.9

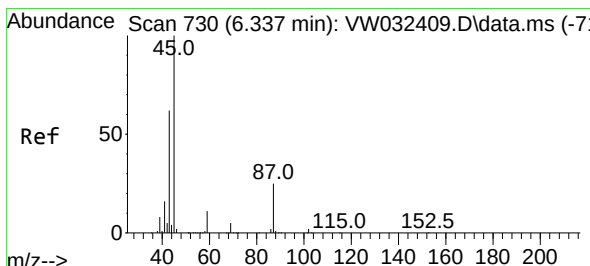
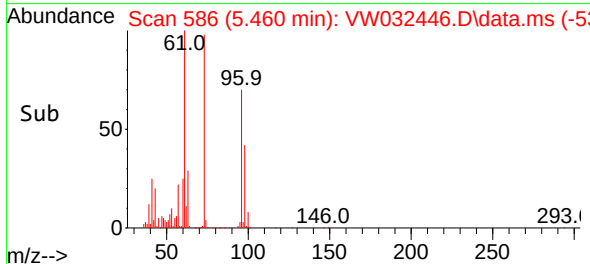
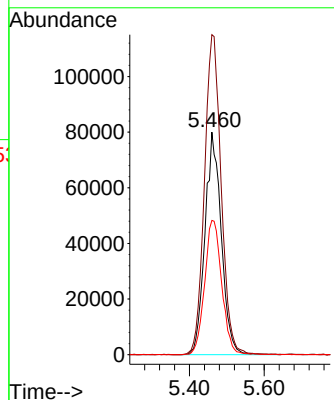
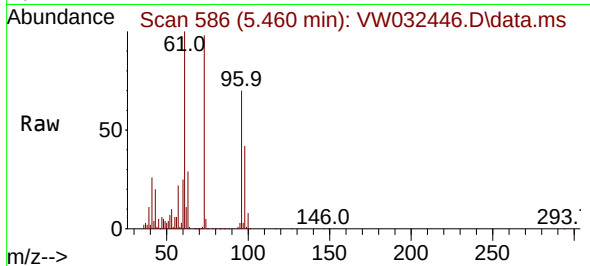




#21
trans-1,2-Dichloroethene
Concen: 52.130 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

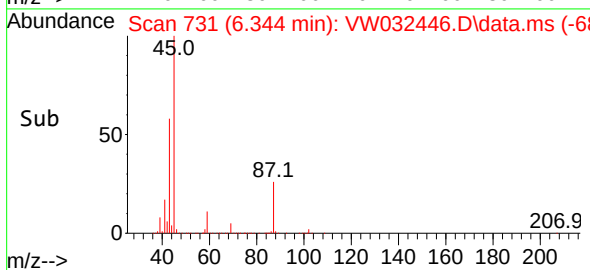
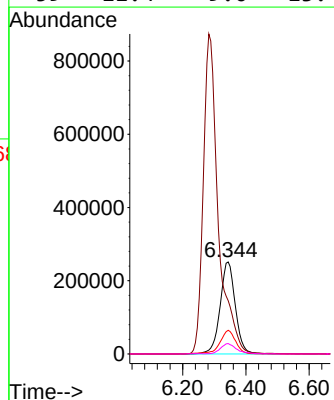
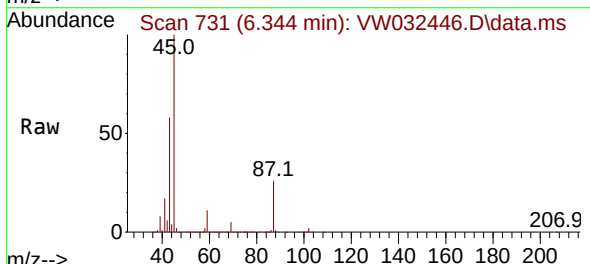
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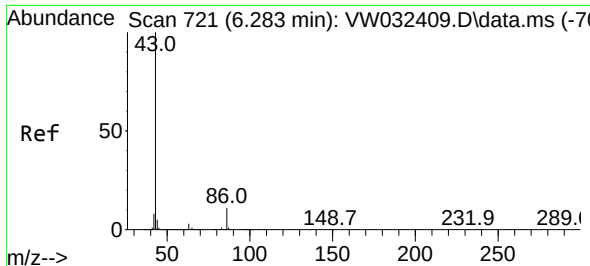
Tgt Ion: 96 Resp: 241986
Ion Ratio Lower Upper
96 100
61 143.8 112.5 168.7
98 60.3 51.1 76.7



#22
Diisopropyl ether
Concen: 52.425 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 45 Resp: 833317
Ion Ratio Lower Upper
45 100
43 57.7 49.4 74.2
87 25.7 20.1 30.1
59 11.4 9.0 13.4

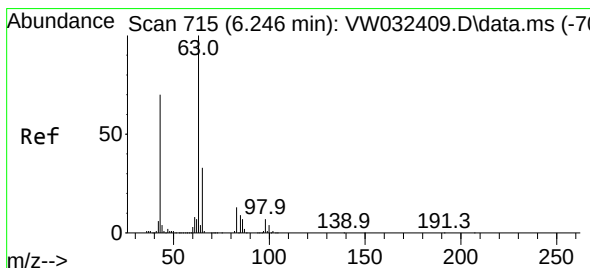
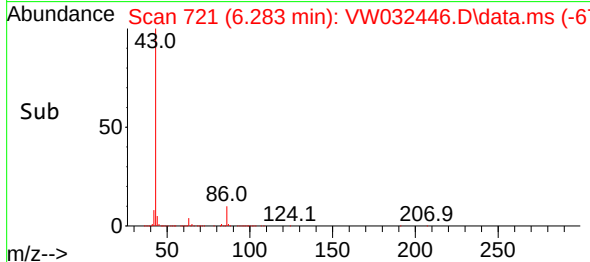
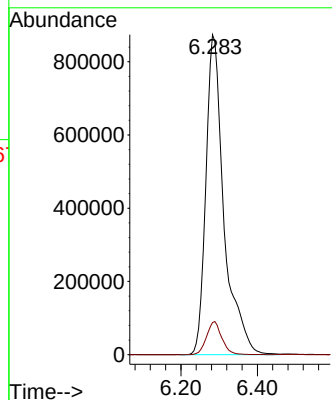
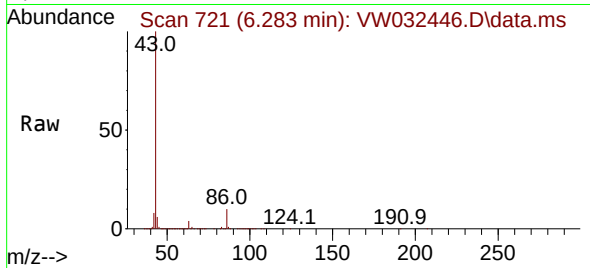




#23
 Vinyl Acetate
 Concen: 263.369 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032446.D
 Acq: 17 Nov 2025 10:31

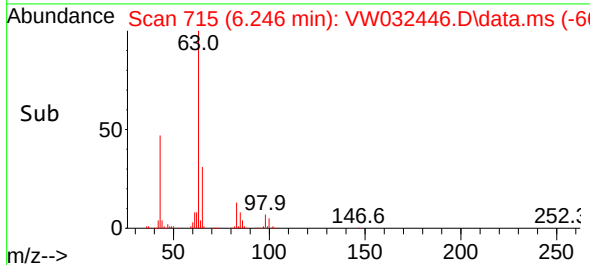
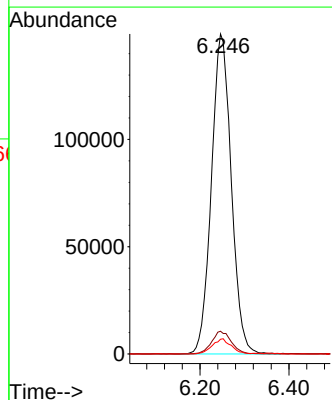
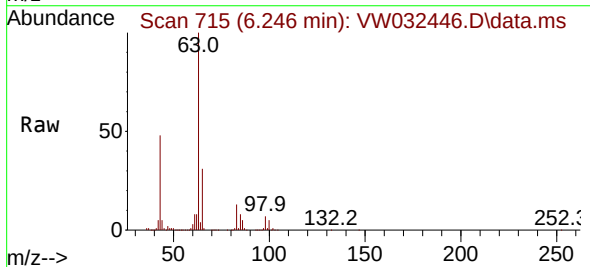
Instrument :
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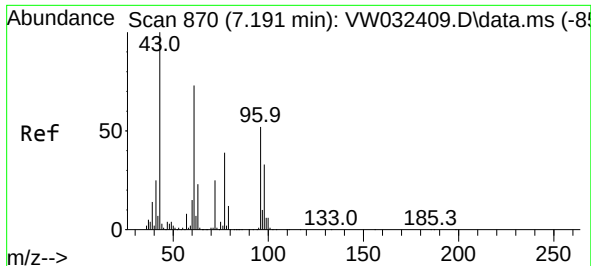
Tgt Ion: 43 Resp: 2868194
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 53.112 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032446.D
 Acq: 17 Nov 2025 10:31

Tgt Ion: 63 Resp: 462540
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.6 2.3 6.8

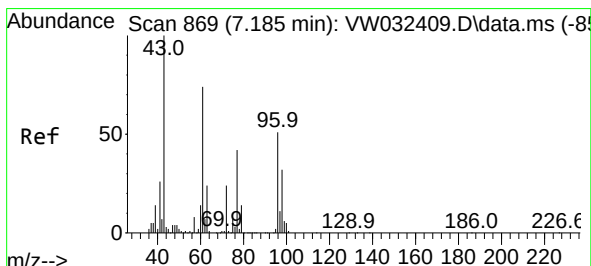
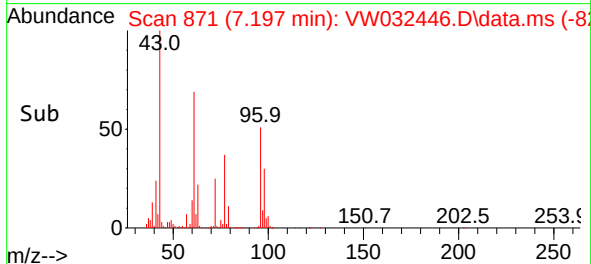
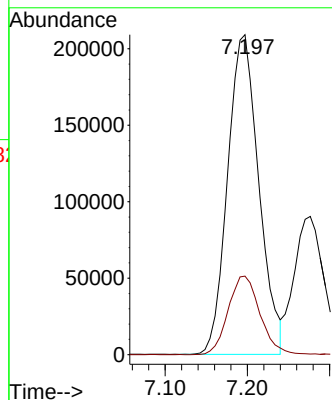
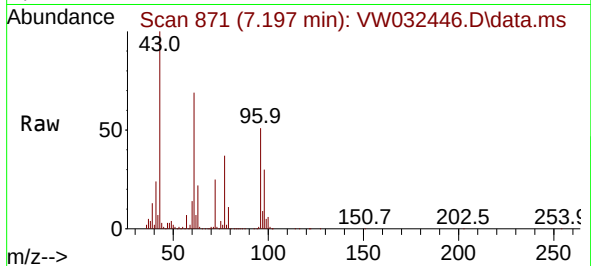




#25
2-Butanone
Concen: 257.535 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

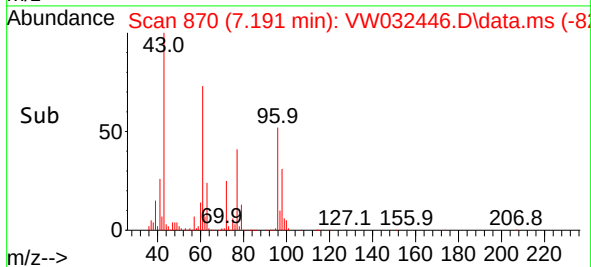
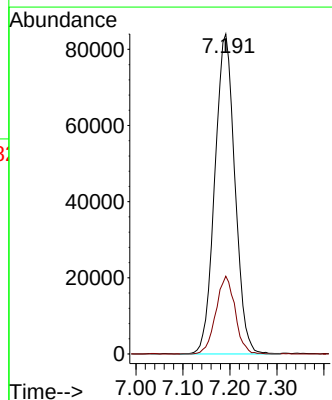
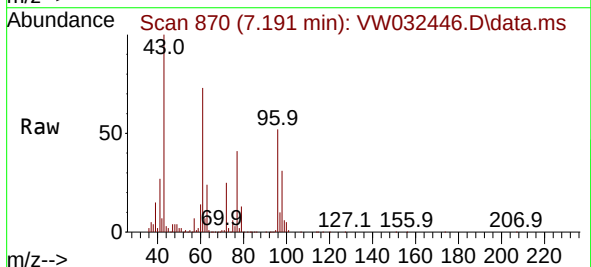
Instrument :
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ClientSampleId :
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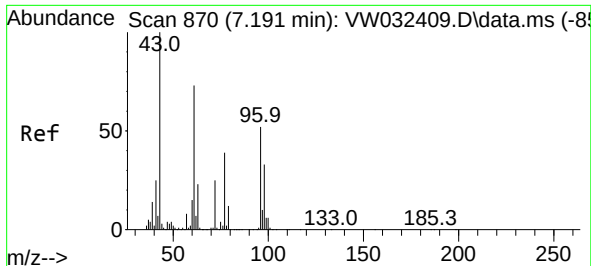
Tgt Ion: 43 Resp: 552731
Ion Ratio Lower Upper
43 100
72 24.6 20.0 30.0



#26
2,2-Dichloropropane
Concen: 51.420 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 77 Resp: 249567
Ion Ratio Lower Upper
77 100
97 23.2 12.3 36.8

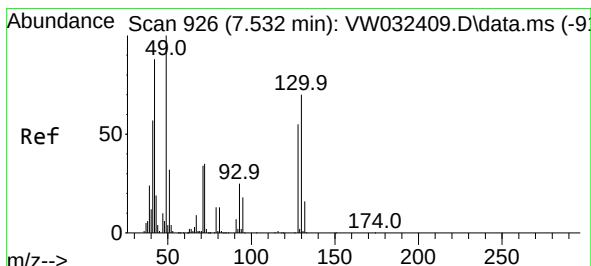
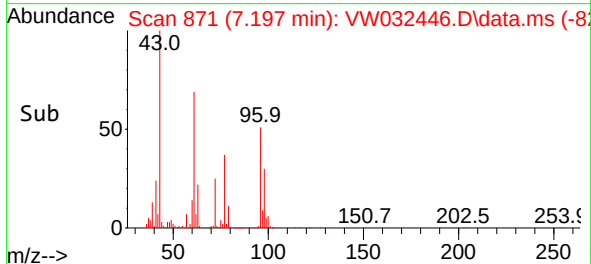
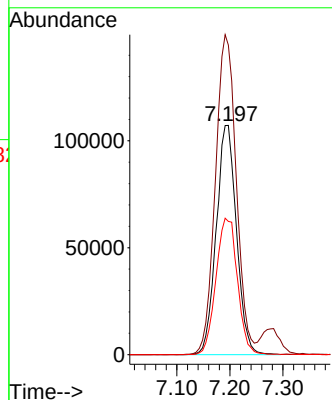
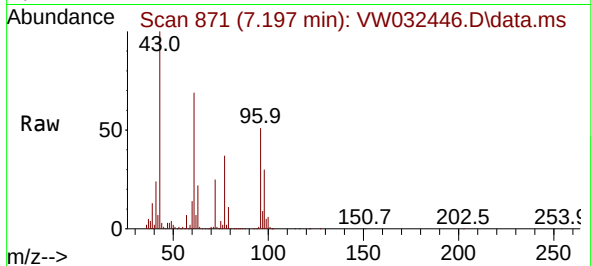




#27
 cis-1,2-Dichloroethene
 Concen: 51.325 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: VW032446.D
 Acq: 17 Nov 2025 10:31

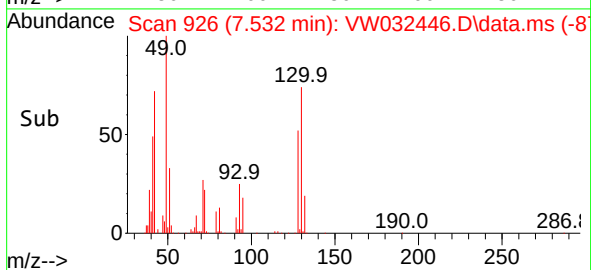
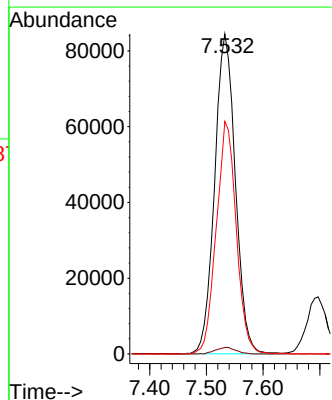
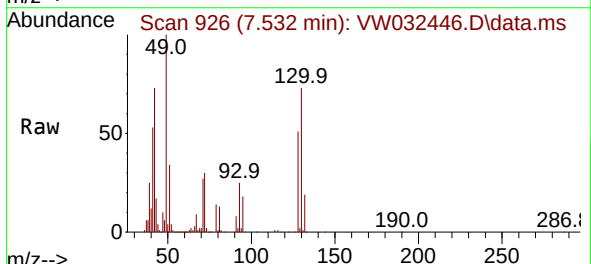
Instrument :
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 ClientSampleId :
 VSTDCCC050

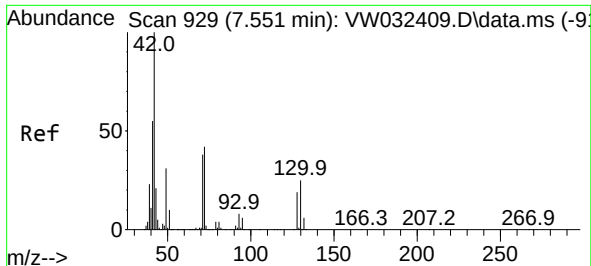
Tgt Ion: 96 Resp: 284682
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 282.6
 98 63.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 52.055 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032446.D
 Acq: 17 Nov 2025 10:31

Tgt Ion: 49 Resp: 214262
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 70.1 56.9 85.3





#29

Tetrahydrofuran

Concen: 258.708 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

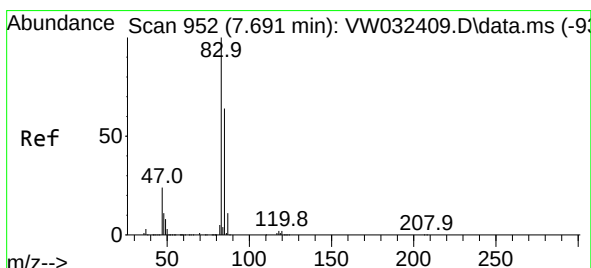
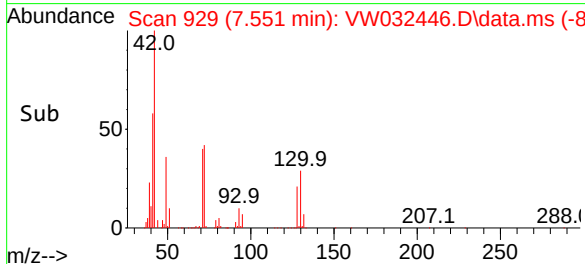
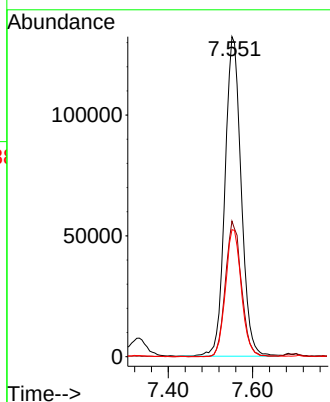
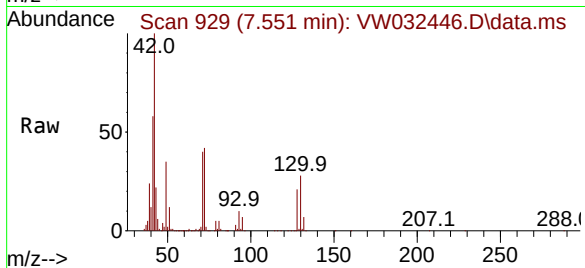
Tgt Ion: 42 Resp: 352420

Ion Ratio Lower Upper

42 100

72 41.6 33.6 50.4

71 39.0 31.4 47.0



#30

Chloroform

Concen: 53.417 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032446.D

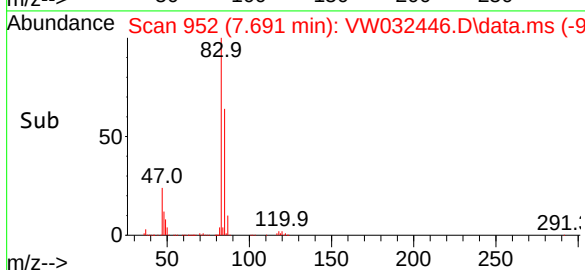
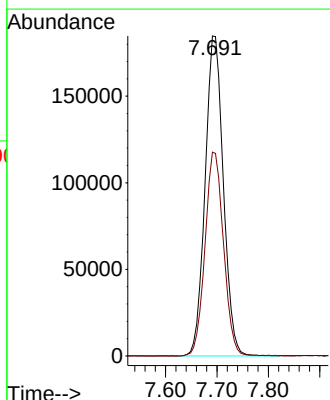
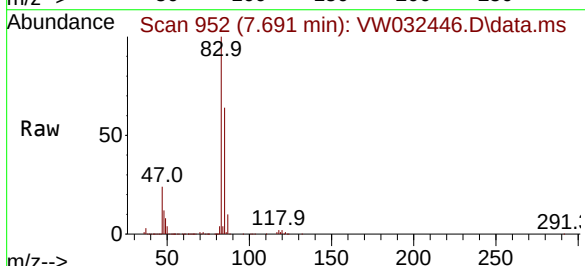
Acq: 17 Nov 2025 10:31

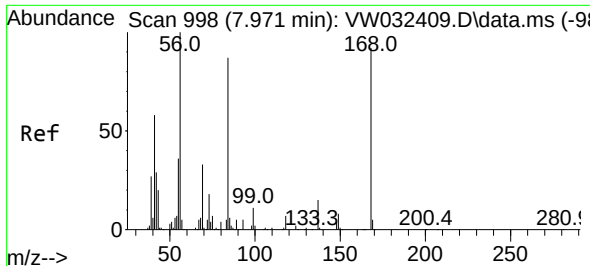
Tgt Ion: 83 Resp: 455405

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.4

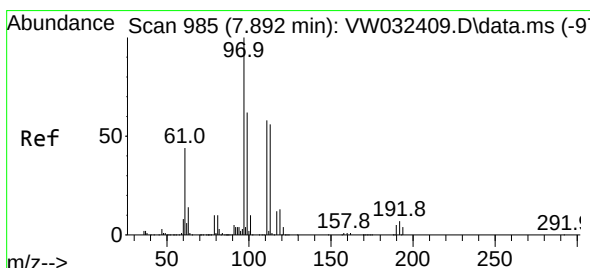
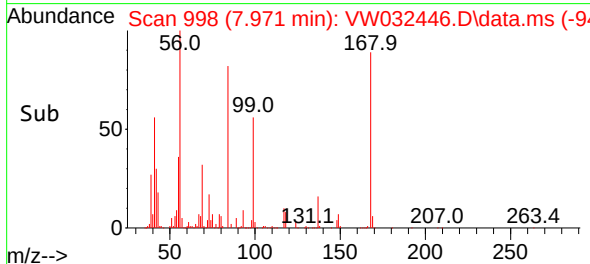
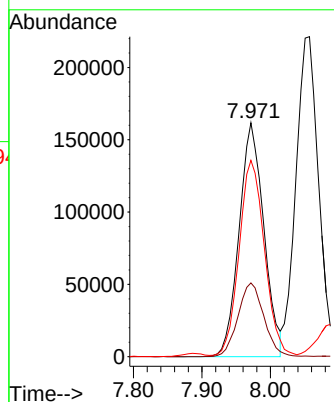
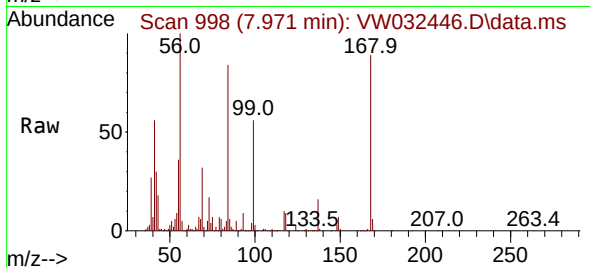




#31
Cyclohexane
Concen: 50.359 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

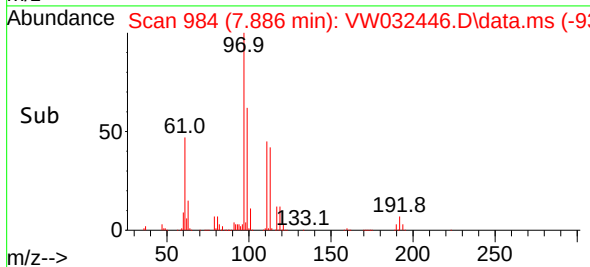
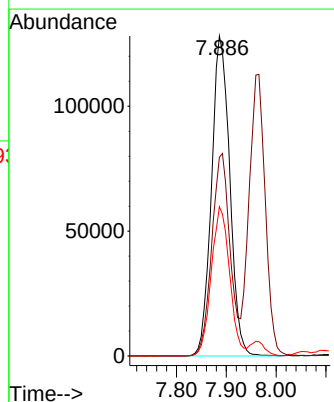
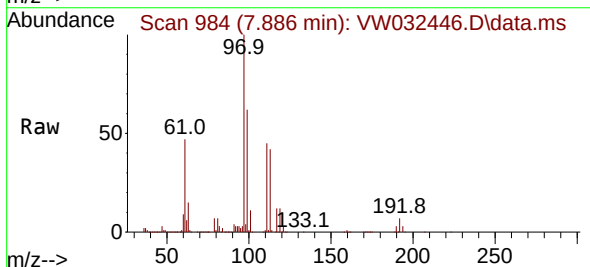
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

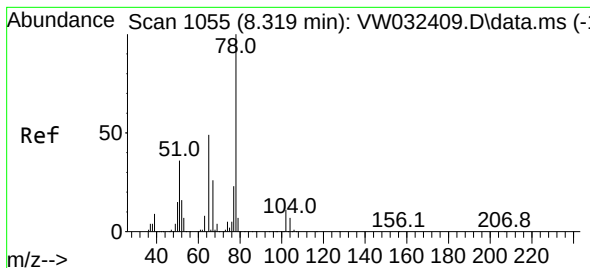
Tgt Ion: 56 Resp: 405683
Ion Ratio Lower Upper
56 100
69 31.5 26.5 39.7
84 83.3 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 53.530 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 97 Resp: 326013
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 47.1 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 51.816 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

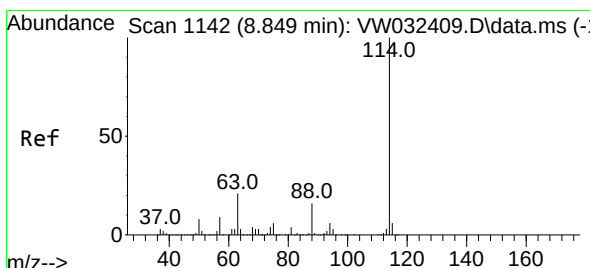
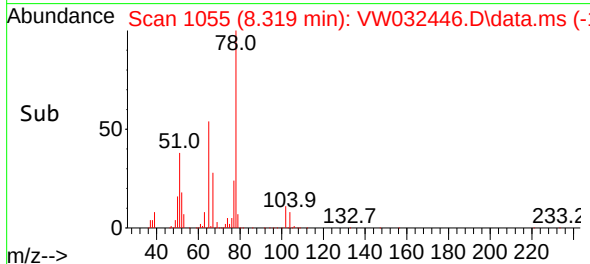
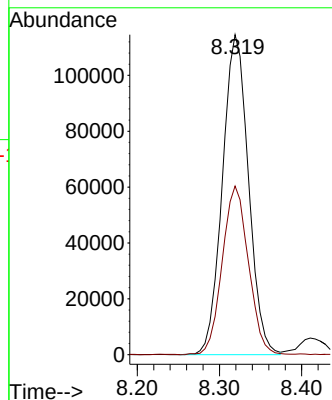
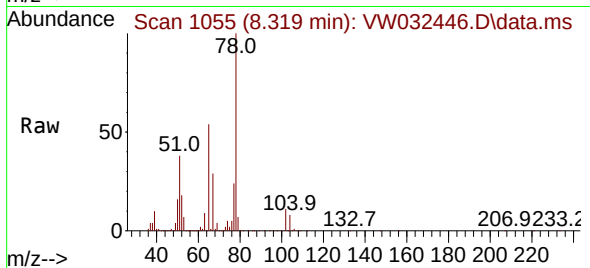
VSTDCCC050

Tgt Ion: 65 Resp: 252312

Ion Ratio Lower Upper

65 100

67 52.9 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: VW032446.D

Acq: 17 Nov 2025 10:31

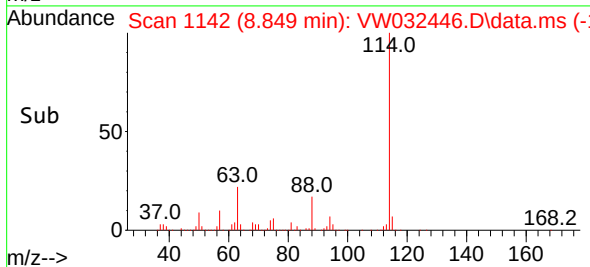
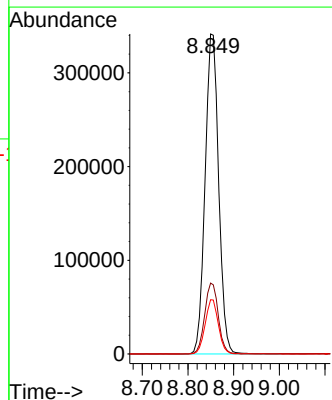
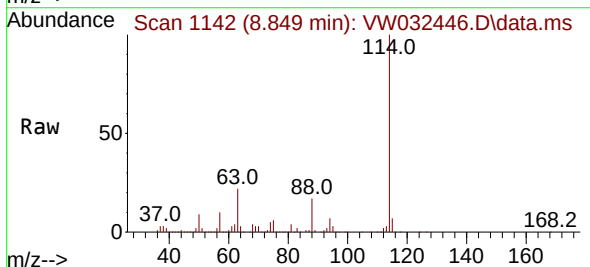
Tgt Ion: 114 Resp: 701028

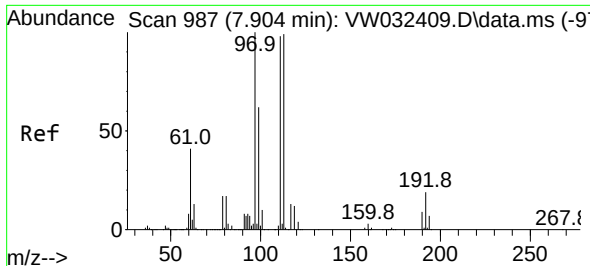
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.9 0.0 32.6

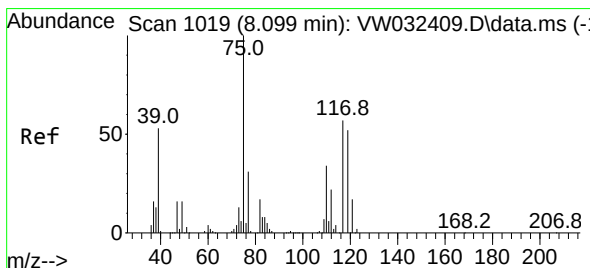
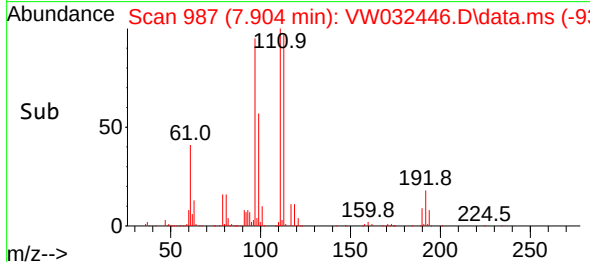
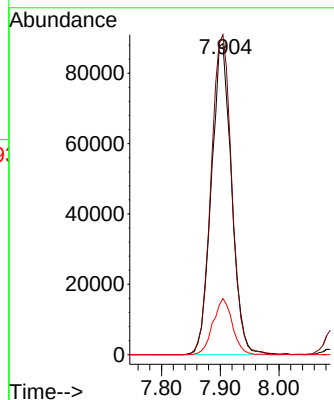
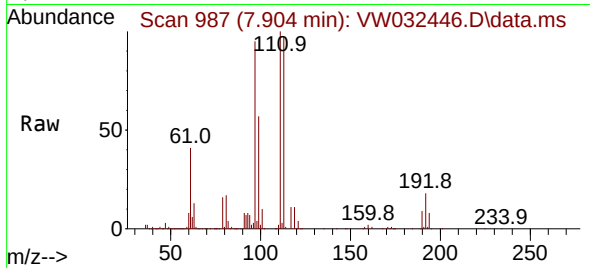




#35
Dibromofluoromethane
Concen: 50.334 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

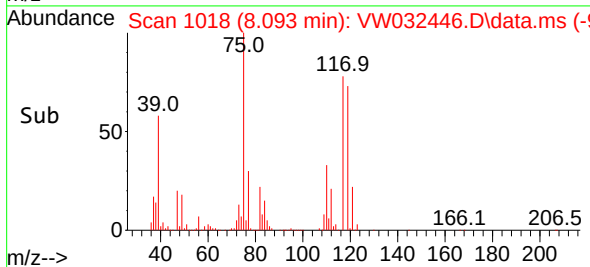
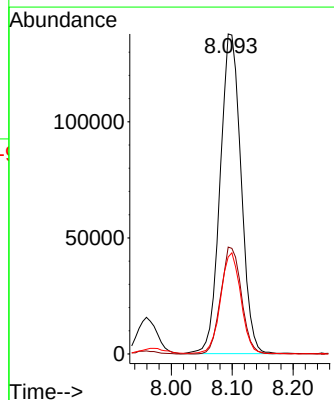
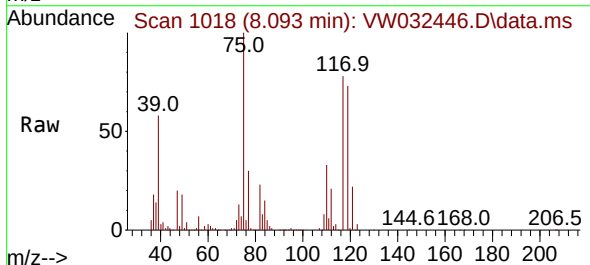
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

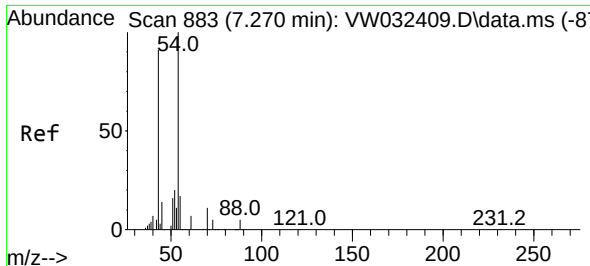
Tgt Ion:113 Resp: 211261
Ion Ratio Lower Upper
113 100
111 105.0 83.1 124.7
192 17.4 13.4 20.2



#36
1,1-Dichloropropene
Concen: 53.061 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 75 Resp: 328142
Ion Ratio Lower Upper
75 100
110 32.9 17.2 51.5
77 31.0 24.5 36.7





#37

Ethyl Acetate

Concen: 51.529 ug/l

RT: 7.276 min Scan# 884

Delta R.T. 0.006 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

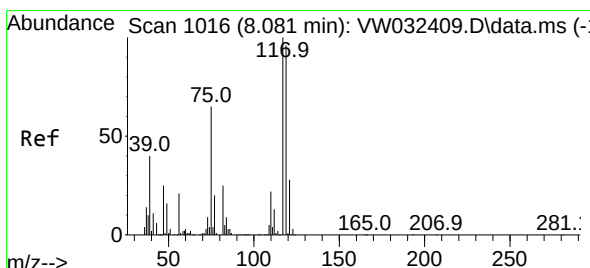
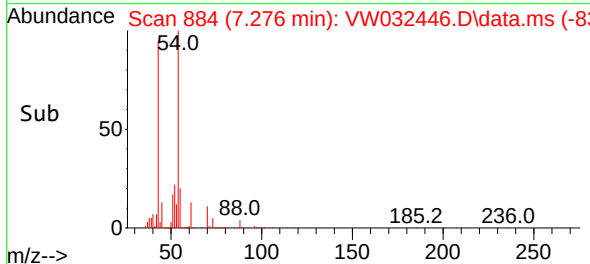
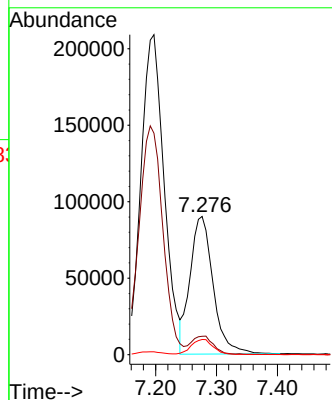
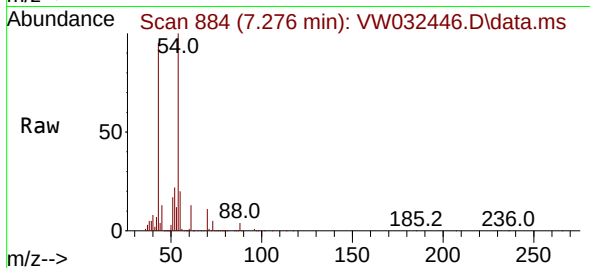
Tgt Ion: 43 Resp: 236958

Ion Ratio Lower Upper

43 100

61 13.4 11.0 16.6

70 10.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 54.359 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

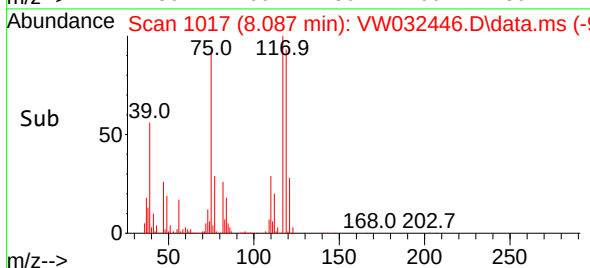
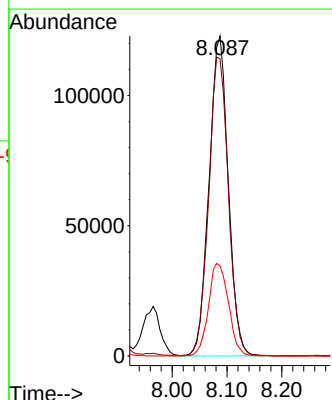
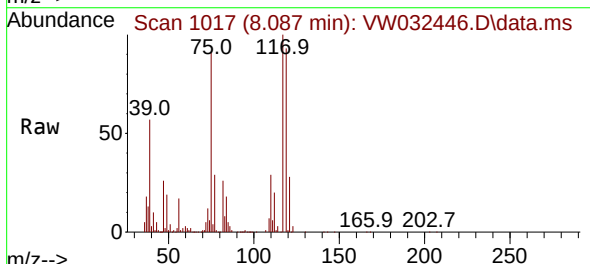
Tgt Ion: 117 Resp: 298700

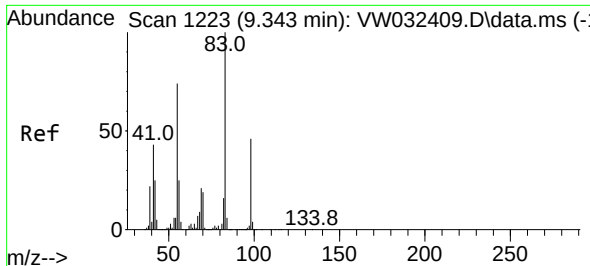
Ion Ratio Lower Upper

117 100

119 92.8 77.0 115.4

121 28.2 22.0 33.0





#39

Methylcyclohexane

Concen: 51.589 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

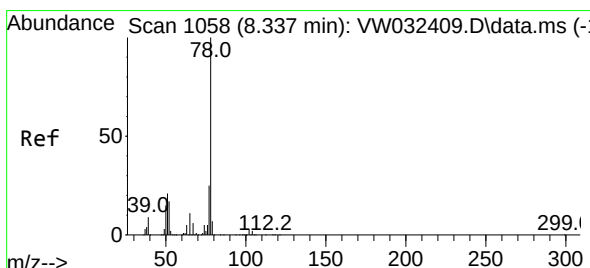
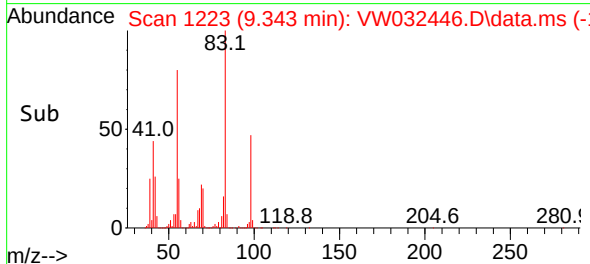
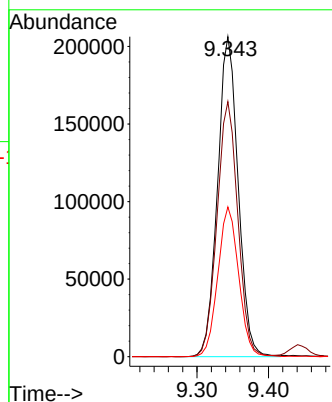
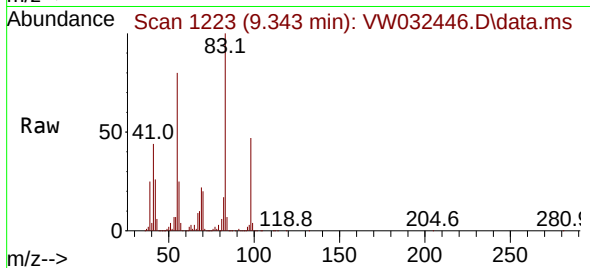
MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 413296

Ion	Ratio	Lower	Upper
83	100		
55	79.7	59.2	88.8
98	46.8	36.6	54.8



#40

Benzene

Concen: 51.267 ug/l

RT: 8.337 min Scan# 1058

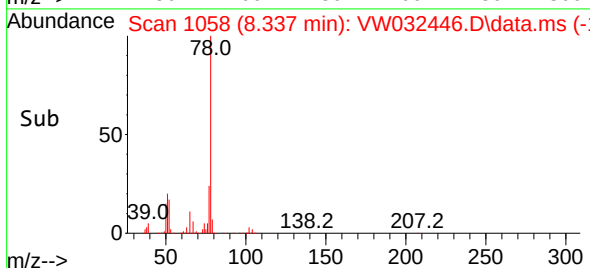
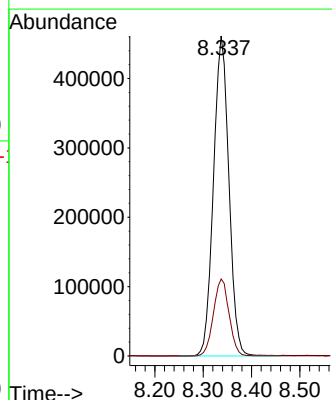
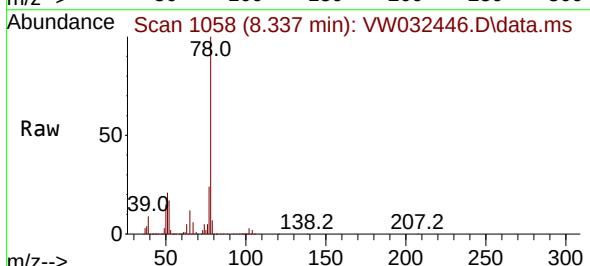
Delta R.T. 0.000 min

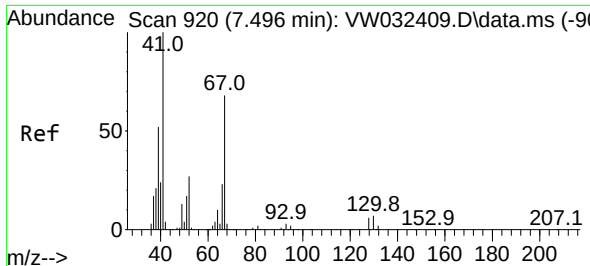
Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Tgt Ion: 78 Resp: 1021003

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.6	29.4

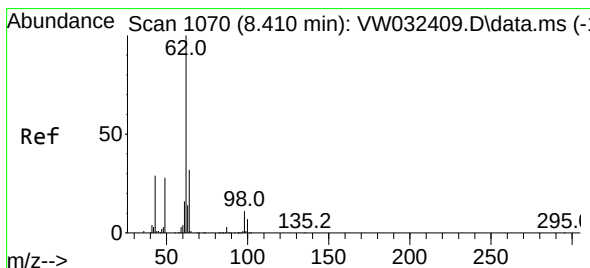
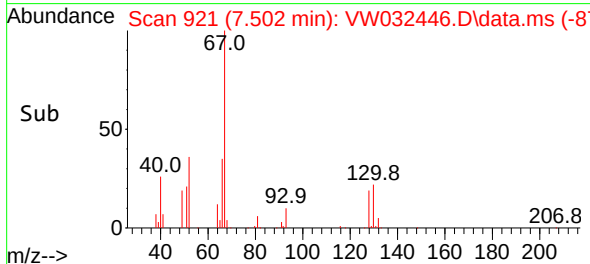
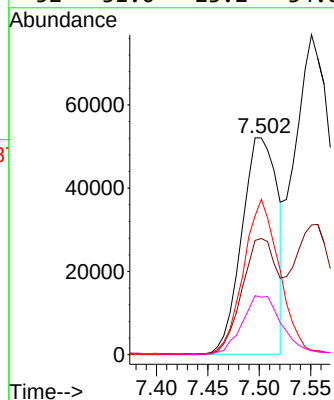
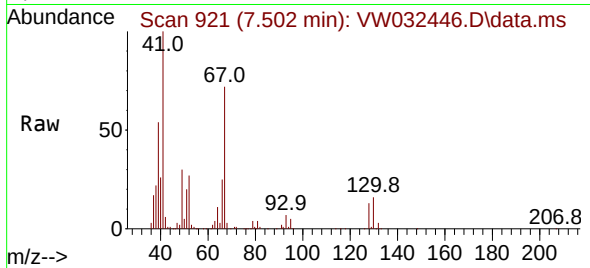




#41
Methacrylonitrile
Concen: 49.619 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

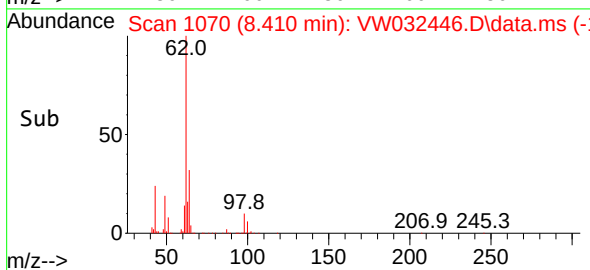
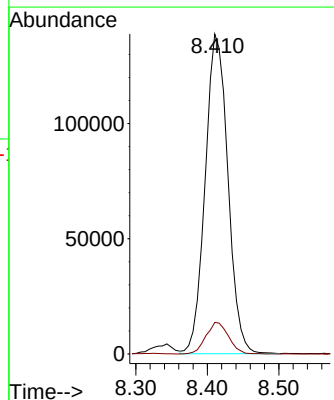
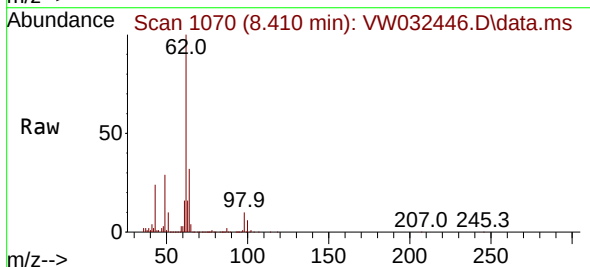
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

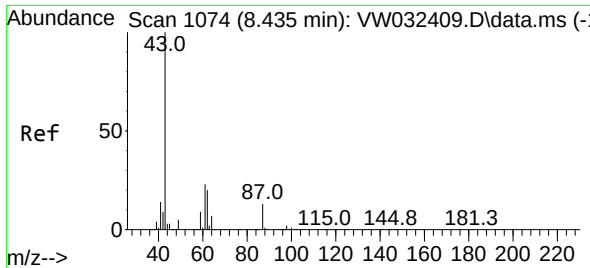
Tgt Ion: 41	Resp: 125344		
Ion	Ratio	Lower	Upper
41	100		
39	52.2	44.6	66.8
67	73.8	57.6	86.4
52	31.0	23.2	34.8



#42
1,2-Dichloroethane
Concen: 52.450 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 62	Resp: 306816
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 20.2

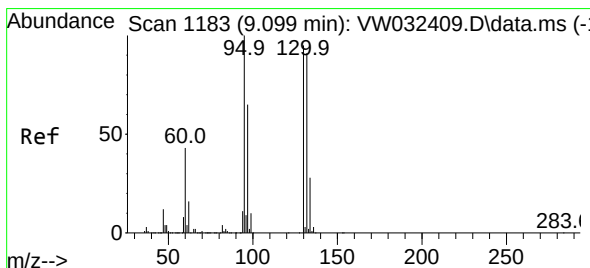
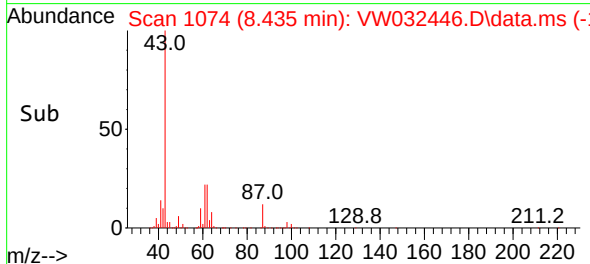
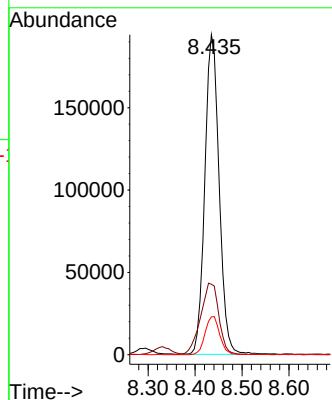
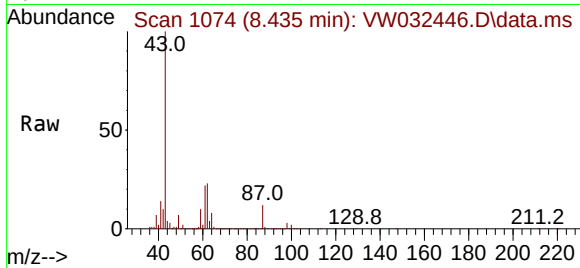




#43
Isopropyl Acetate
Concen: 50.469 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

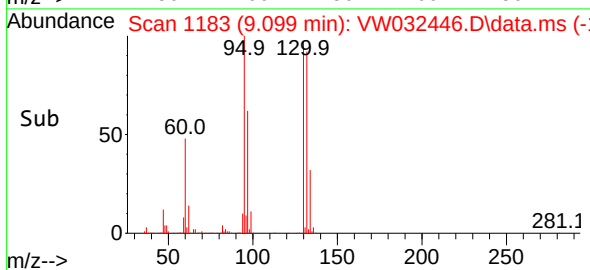
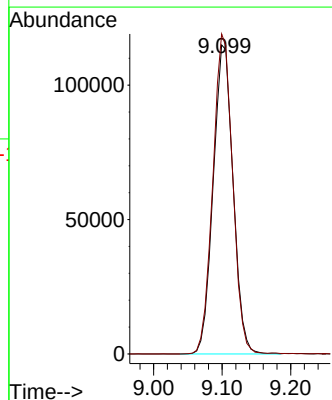
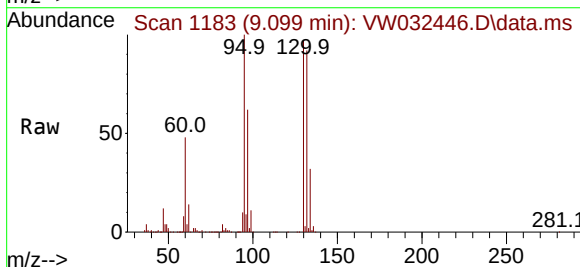
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

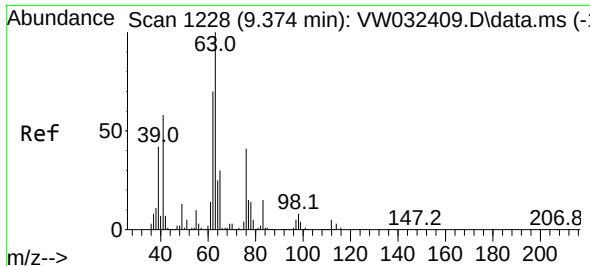
Tgt Ion: 43 Resp: 410946
Ion Ratio Lower Upper
43 100
61 28.2 22.6 33.8
87 12.2 10.6 15.8



#44
Trichloroethene
Concen: 49.979 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion:130 Resp: 231613
Ion Ratio Lower Upper
130 100
95 103.6 0.0 209.6

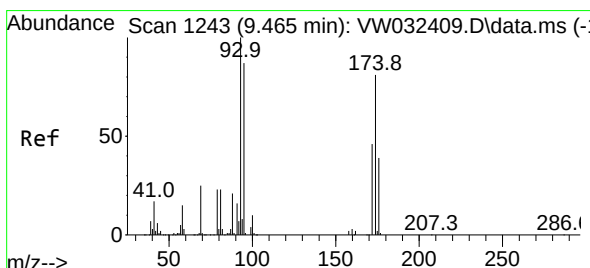
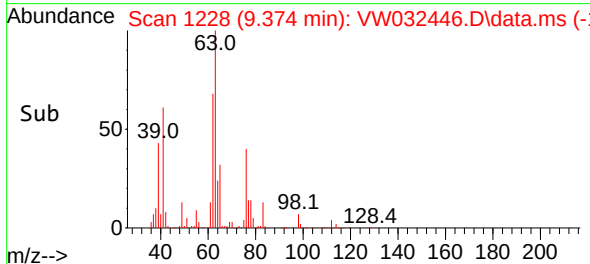
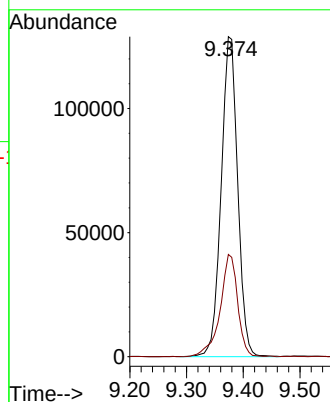
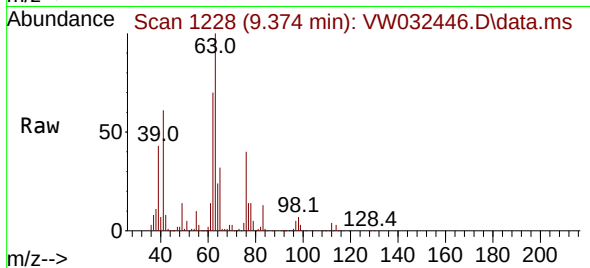




#45
1,2-Dichloropropane
Concen: 52.635 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

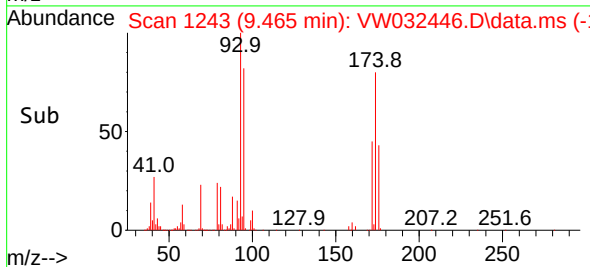
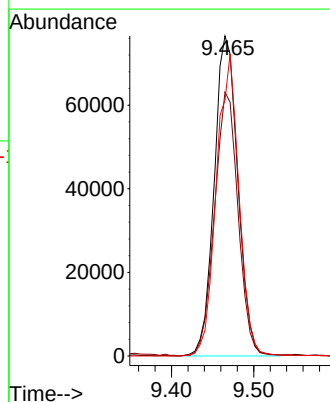
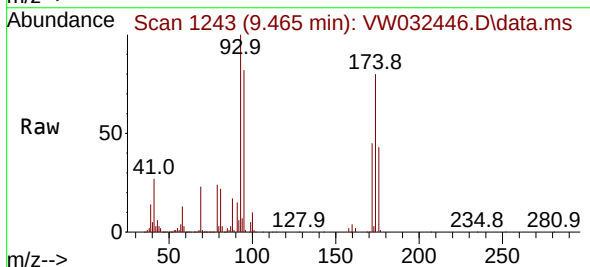
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

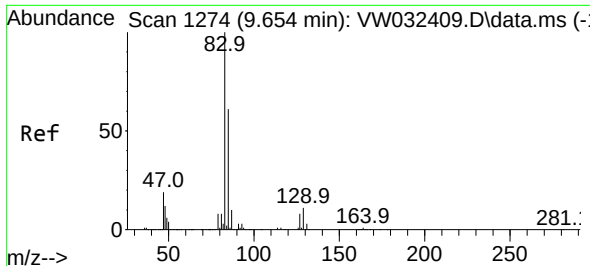
Tgt Ion: 63 Resp: 261013
Ion Ratio Lower Upper
63 100
65 31.9 24.4 36.6



#46
Dibromomethane
Concen: 52.798 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 93 Resp: 152999
Ion Ratio Lower Upper
93 100
95 82.4 67.1 100.7
174 89.9 68.2 102.4

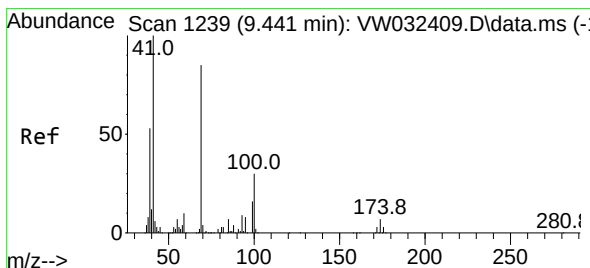
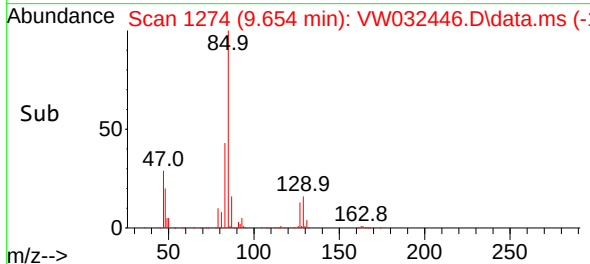
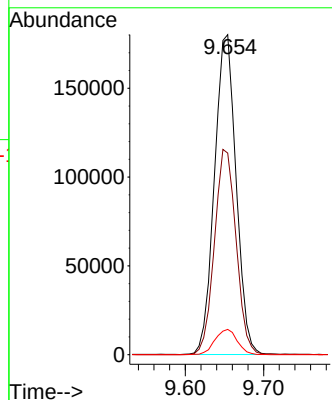
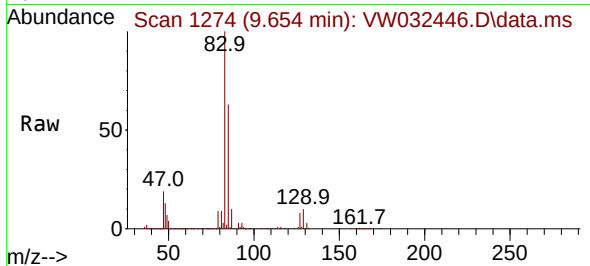




#47
 Bromodichloromethane
 Concen: 52.355 ug/l
 RT: 9.654 min Scan# 1274
 Delta R.T. 0.000 min
 Lab File: VW032446.D
 Acq: 17 Nov 2025 10:31

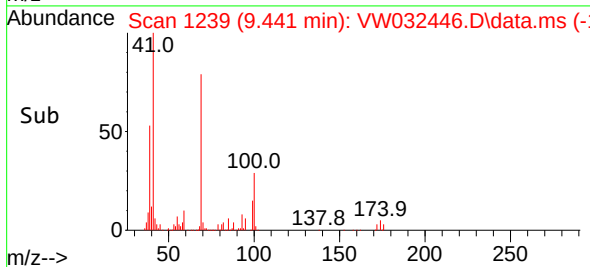
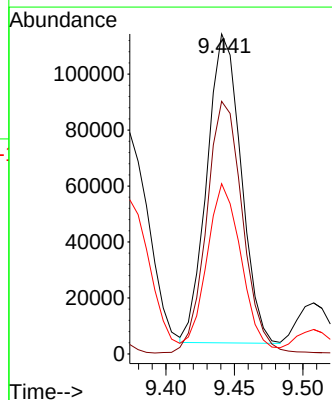
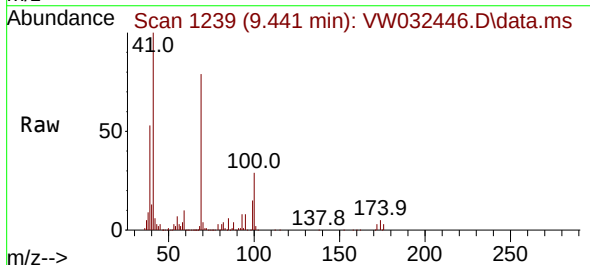
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

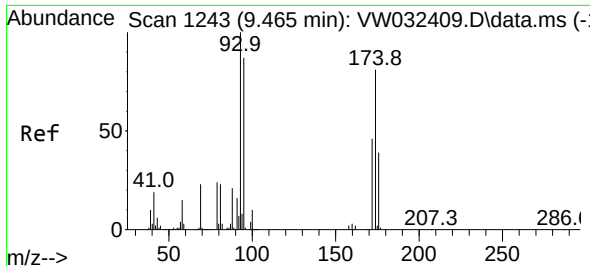
Tgt Ion: 83 Resp: 346082
 Ion Ratio Lower Upper
 83 100
 85 63.0 48.7 73.1
 127 7.9 6.3 9.5



#48
 Methyl methacrylate
 Concen: 49.337 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: VW032446.D
 Acq: 17 Nov 2025 10:31

Tgt Ion: 41 Resp: 190899
 Ion Ratio Lower Upper
 41 100
 69 87.3 65.8 98.6
 39 51.9 38.6 57.8

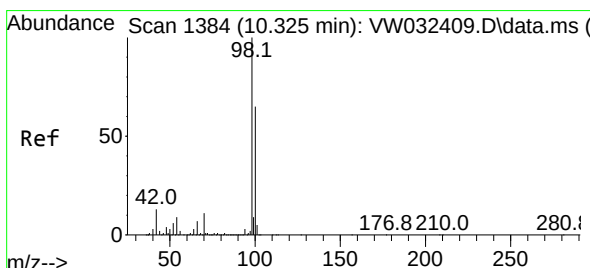
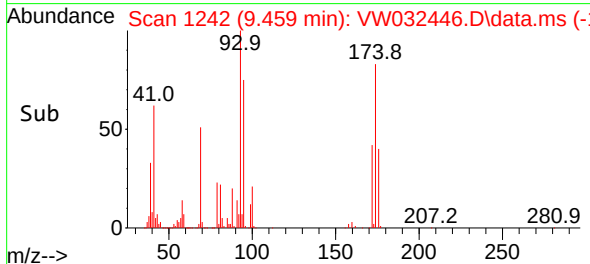
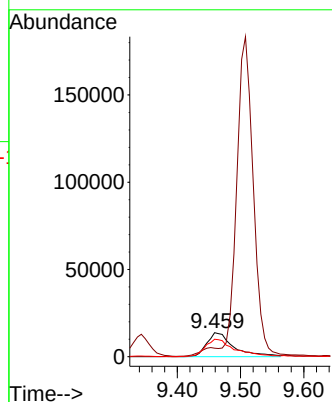
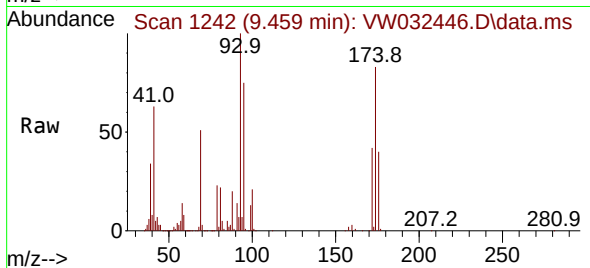




#49
1,4-Dioxane
Concen: 997.632 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

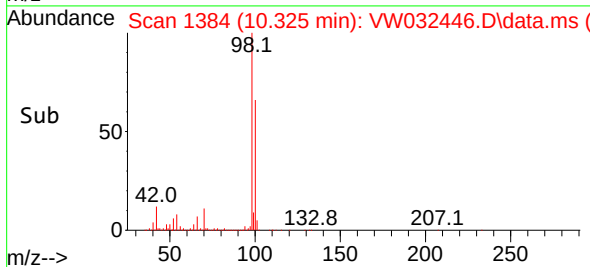
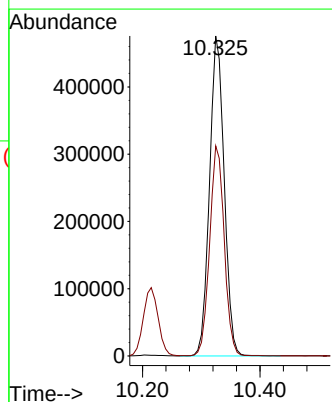
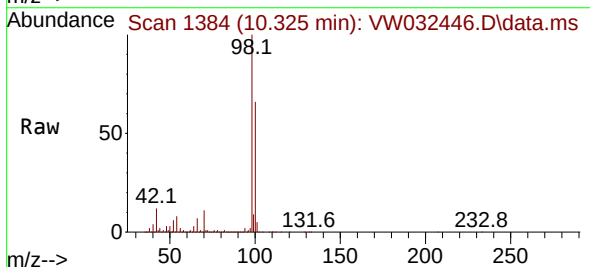
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

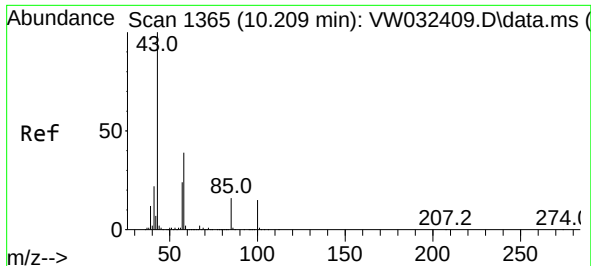
Tgt Ion: 88 Resp: 40499
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 80.6 63.0 94.4



#50
Toluene-d8
Concen: 51.259 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 98 Resp: 825367
Ion Ratio Lower Upper
98 100
100 65.3 53.3 79.9

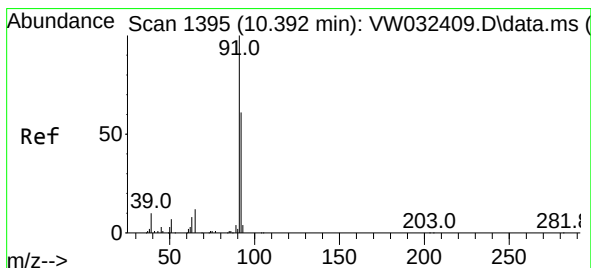
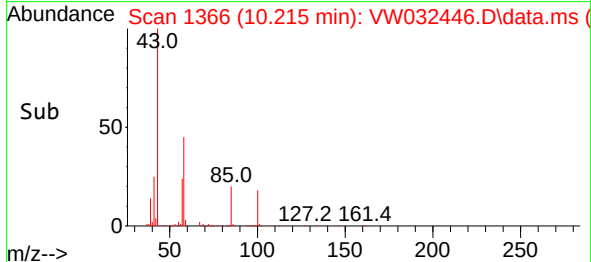
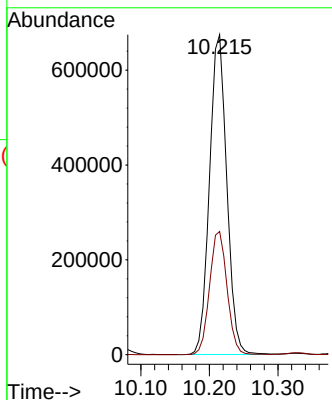
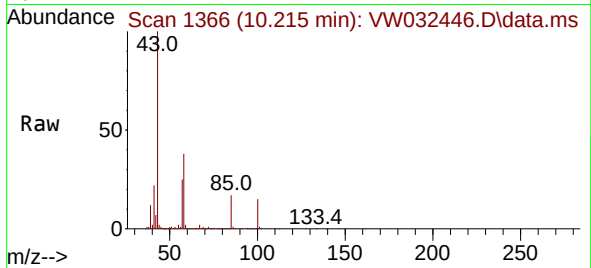




#51
4-Methyl-2-Pentanone
Concen: 262.469 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

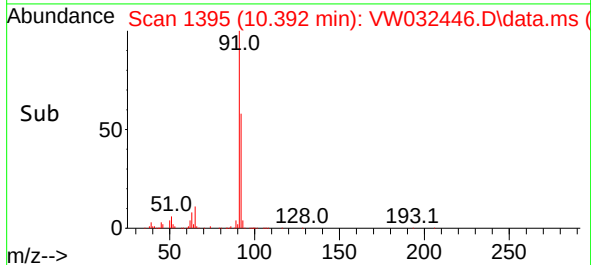
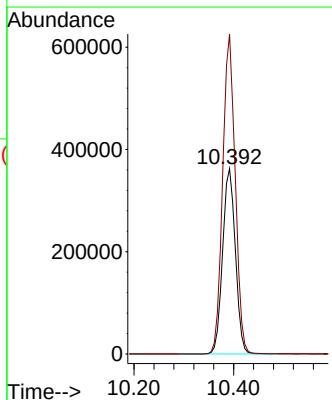
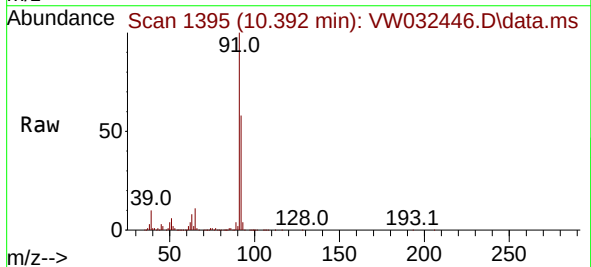
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

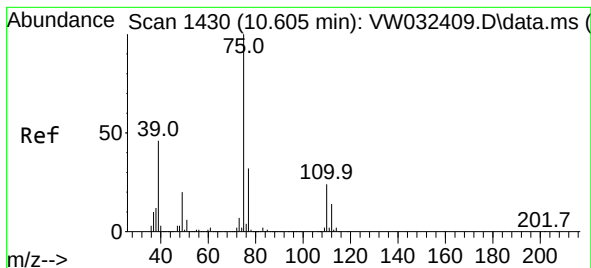
Tgt Ion: 43 Resp: 1181483
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 52.263 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 92 Resp: 642911
Ion Ratio Lower Upper
92 100
91 169.9 136.6 205.0

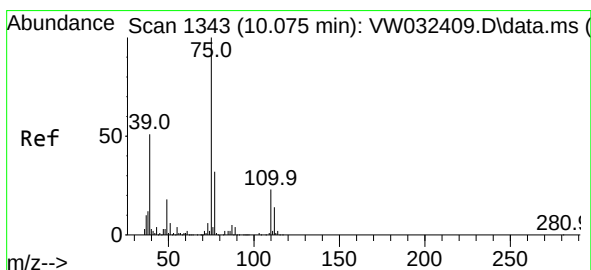
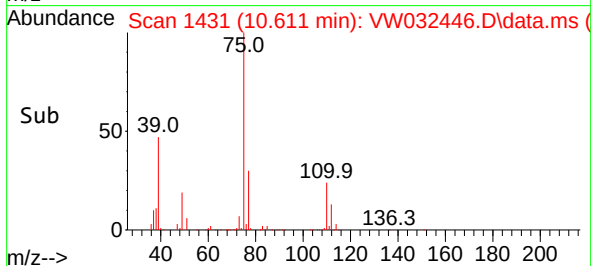
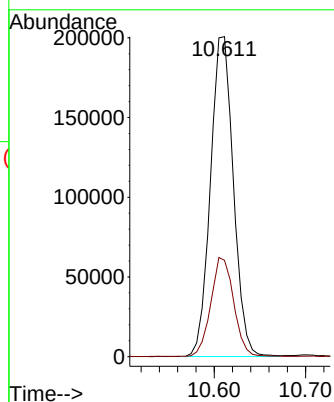
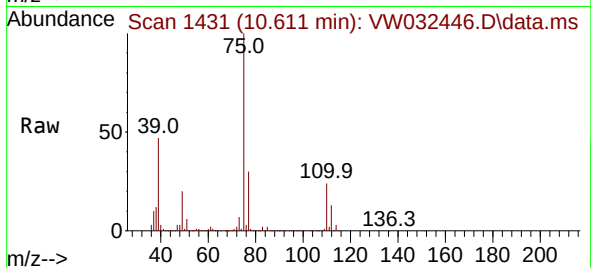




#53
t-1,3-Dichloropropene
Concen: 51.464 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

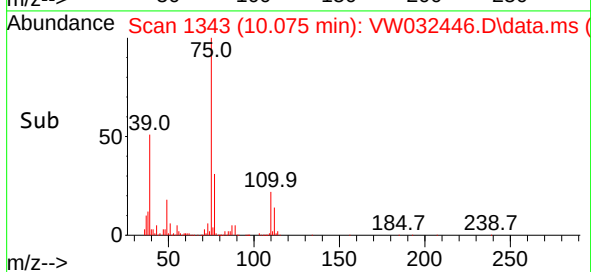
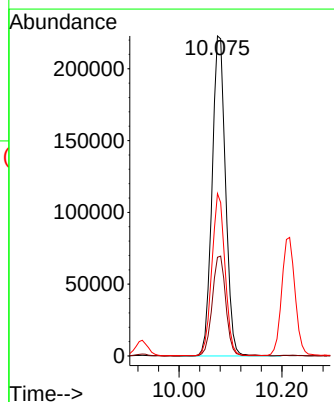
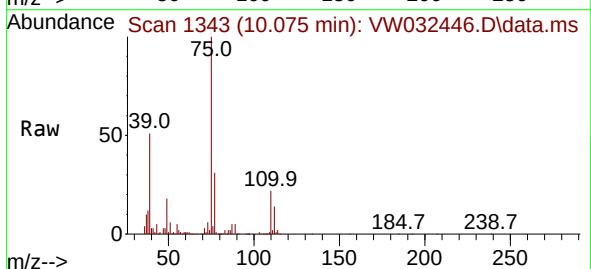
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

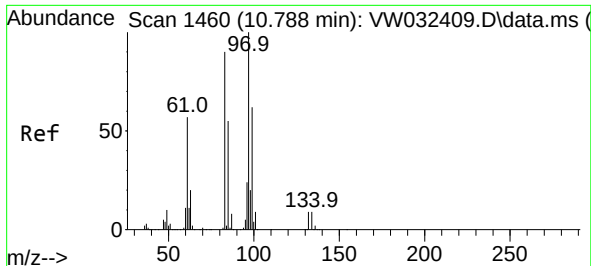
Tgt Ion: 75 Resp: 350354
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 51.499 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 75 Resp: 405435
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4
39 50.7 40.7 61.1

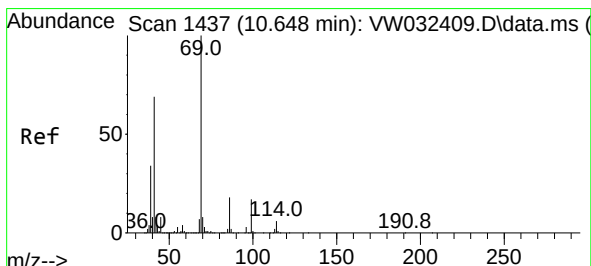
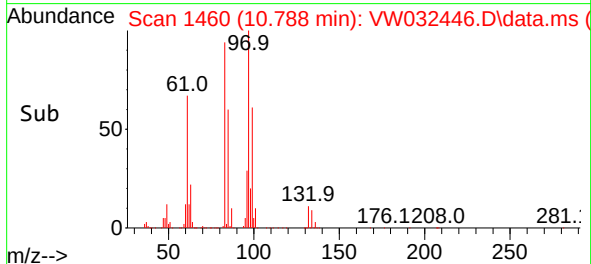
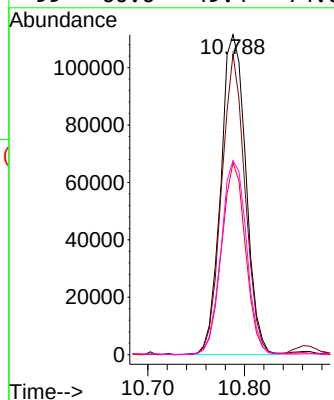
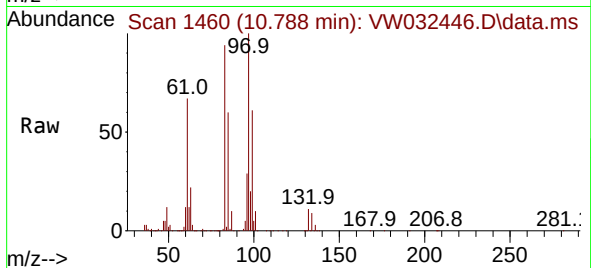




#55
1,1,2-Trichloroethane
Concen: 50.405 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

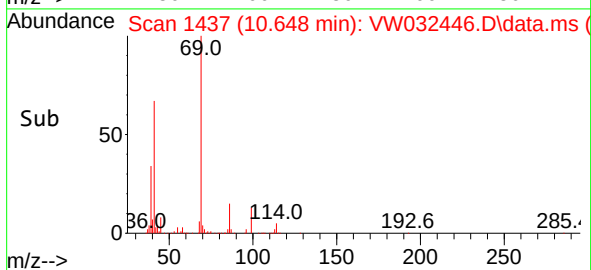
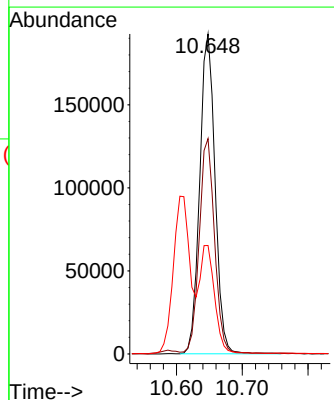
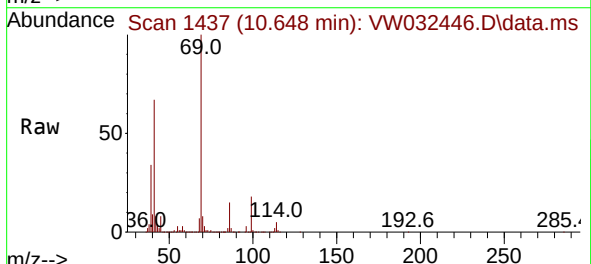
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

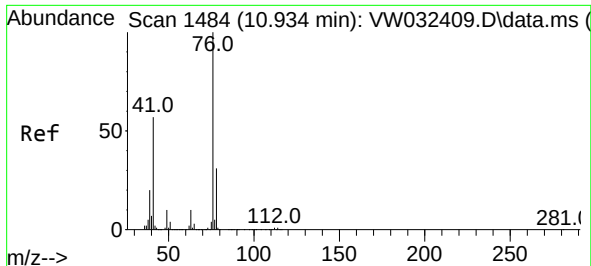
Tgt Ion:	97	Resp:	200378
Ion	Ratio	Lower	Upper
97	100		
83	93.9	72.2	108.4
85	60.0	43.8	65.8
99	60.6	49.4	74.0



#56
Ethyl methacrylate
Concen: 51.132 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion:	69	Resp:	311884
Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.4	81.6
39	31.9	25.4	38.0





#57

1,3-Dichloropropane

Concen: 50.830 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

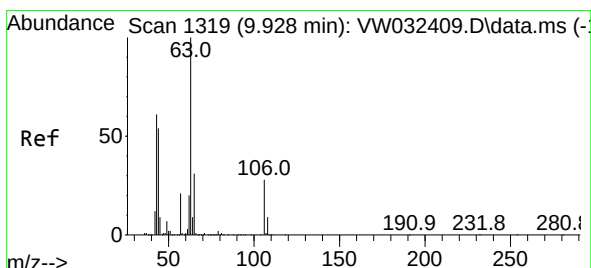
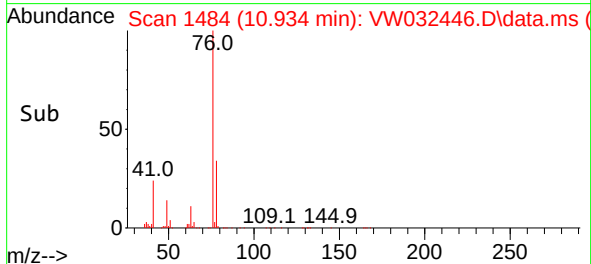
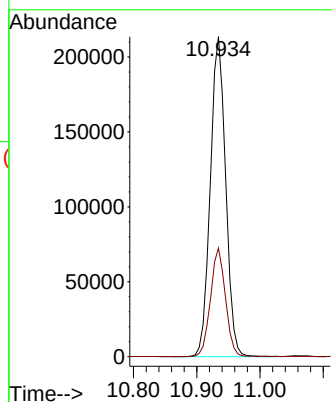
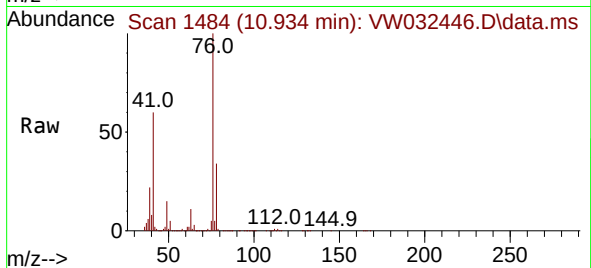
VSTDCCC050

Tgt Ion: 76 Resp: 360902

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 269.085 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032446.D

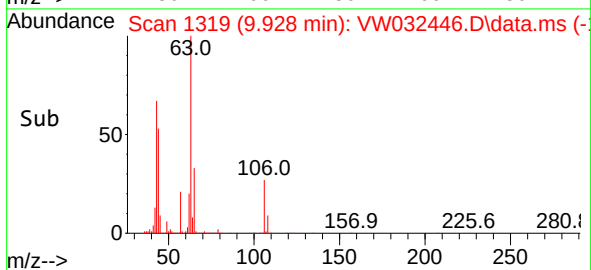
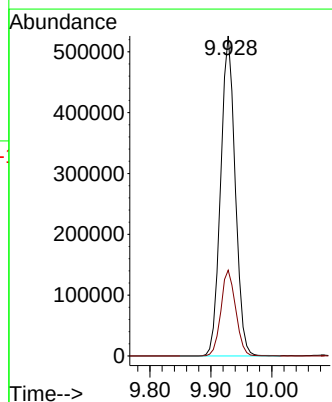
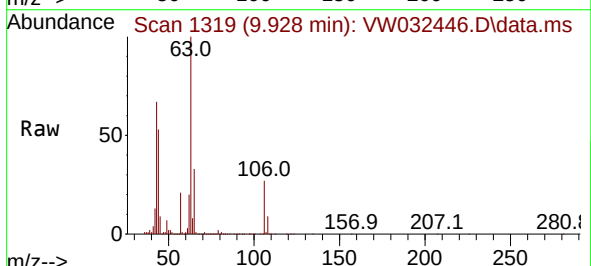
Acq: 17 Nov 2025 10:31

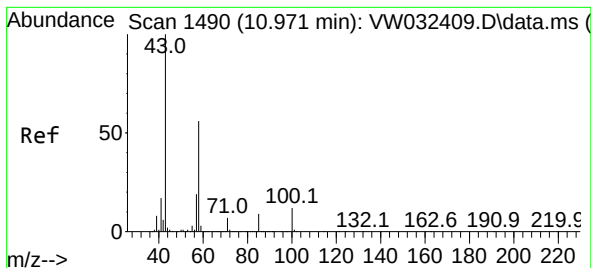
Tgt Ion: 63 Resp: 874072

Ion Ratio Lower Upper

63 100

106 27.2 22.0 33.0

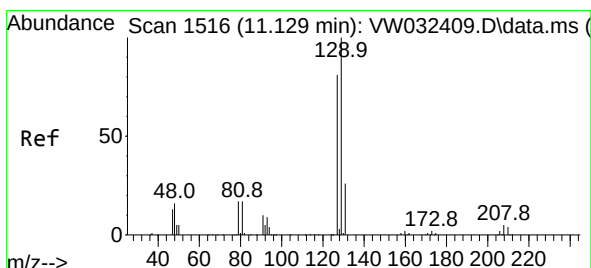
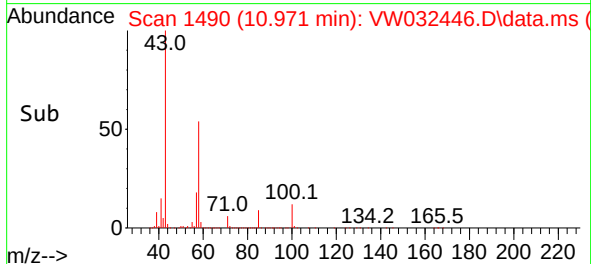
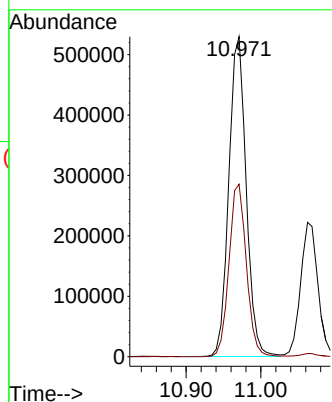
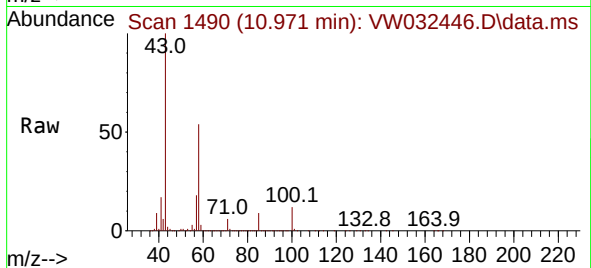




#59
2-Hexanone
Concen: 259.350 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

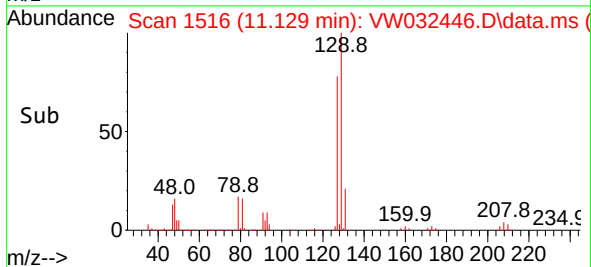
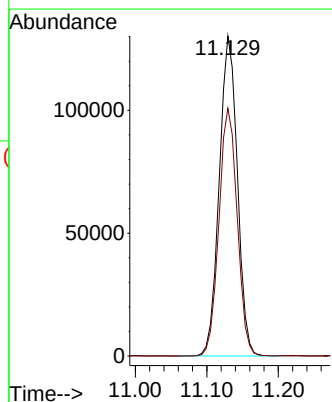
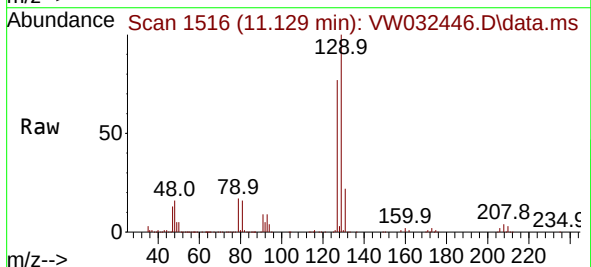
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

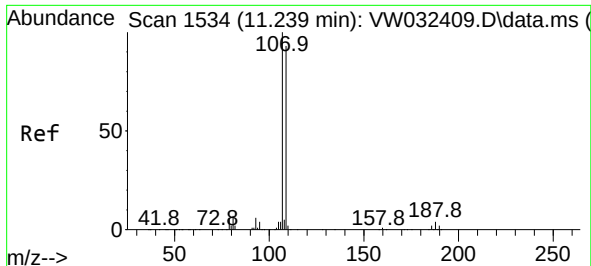
Tgt Ion: 43 Resp: 854142
Ion Ratio Lower Upper
43 100
58 54.2 27.4 82.2



#60
Dibromochloromethane
Concen: 51.639 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 129 Resp: 229247
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

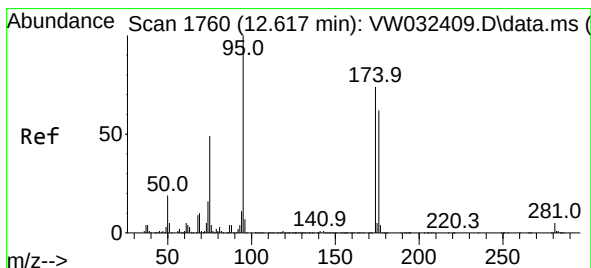
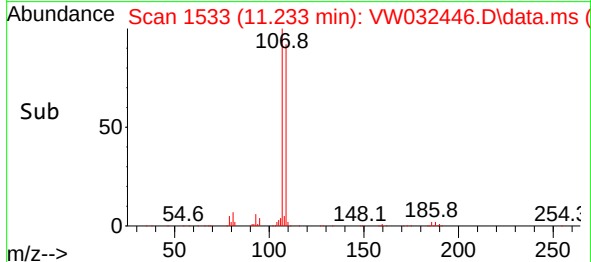
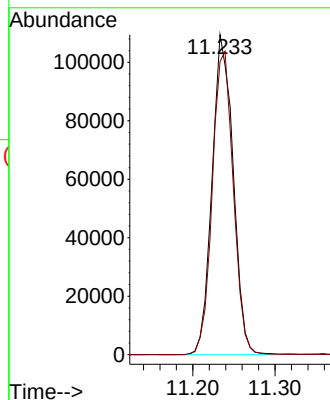
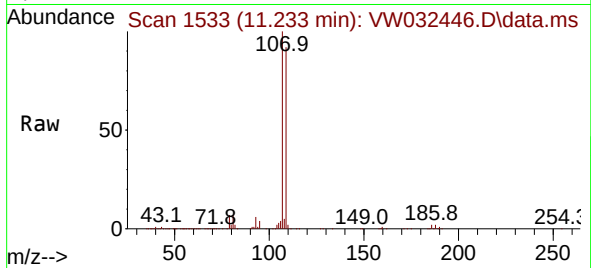




#61
1,2-Dibromoethane
Concen: 50.324 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

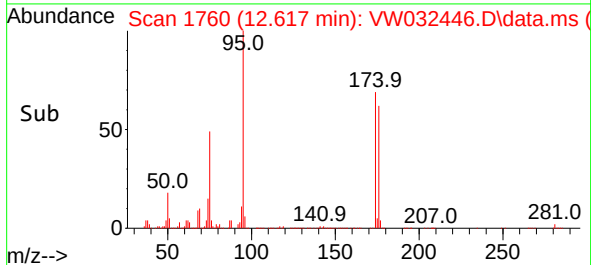
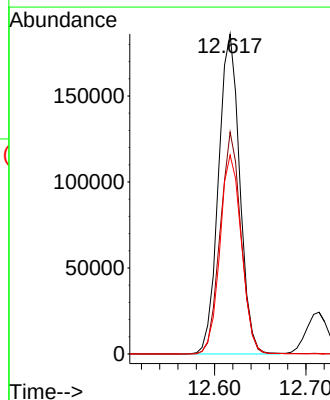
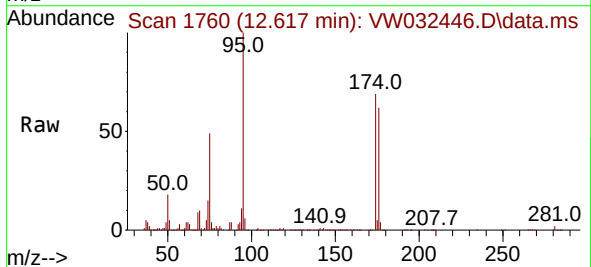
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

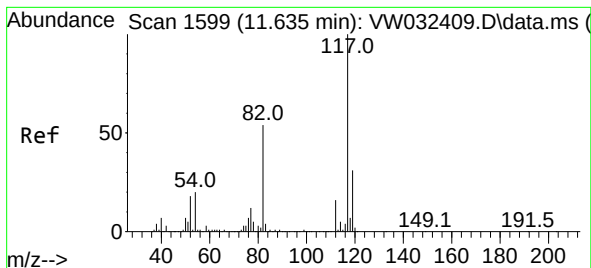
Tgt Ion:107 Resp: 194848
Ion Ratio Lower Upper
107 100
109 94.4 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 49.337 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 95 Resp: 300100
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.4
176 63.3 0.0 131.8

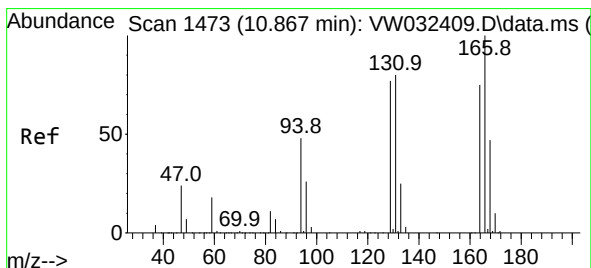
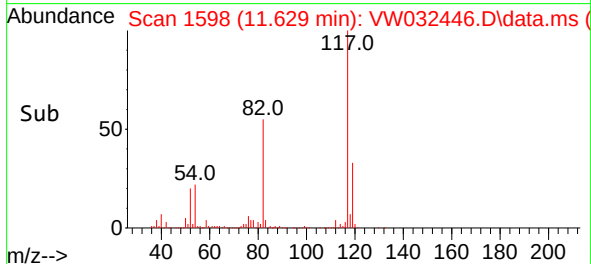
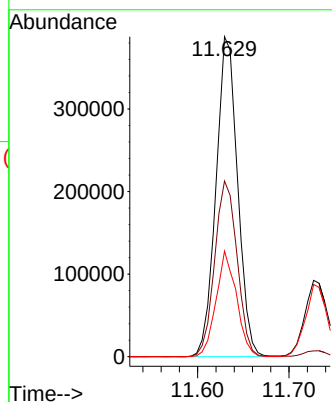
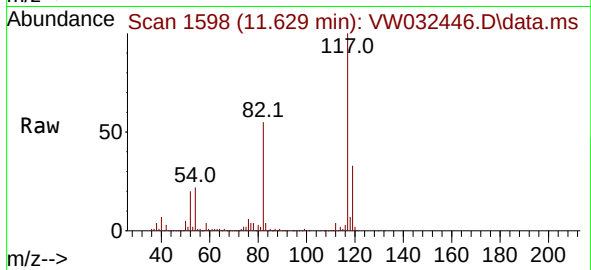




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

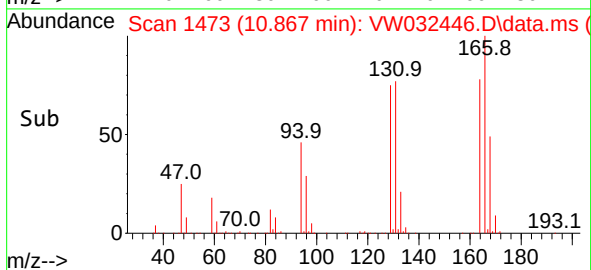
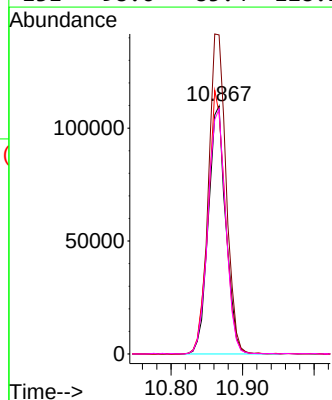
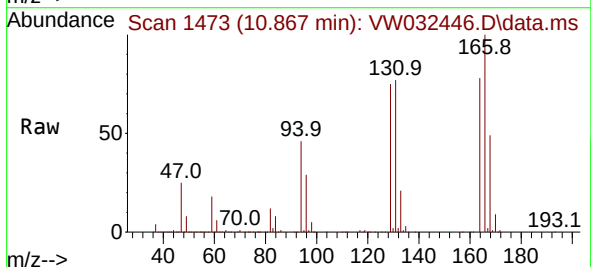
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

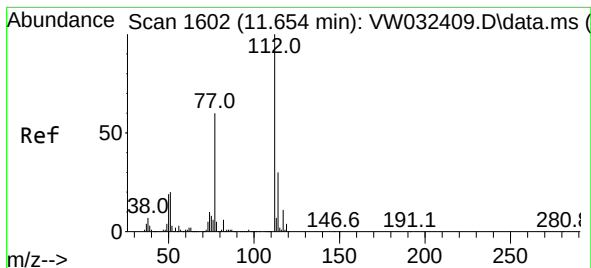
Tgt Ion:117 Resp: 638930
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 33.0 25.0 37.6



#64
Tetrachloroethene
Concen: 49.175 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion:164 Resp: 186058
Ion Ratio Lower Upper
164 100
166 128.6 107.0 160.4
129 96.9 82.9 124.3
131 98.6 85.4 128.2





#65

Chlorobenzene

Concen: 49.959 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

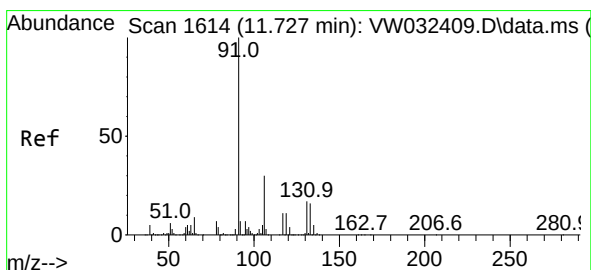
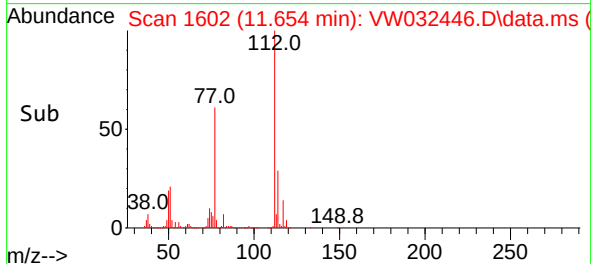
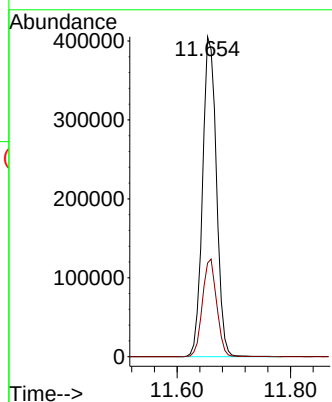
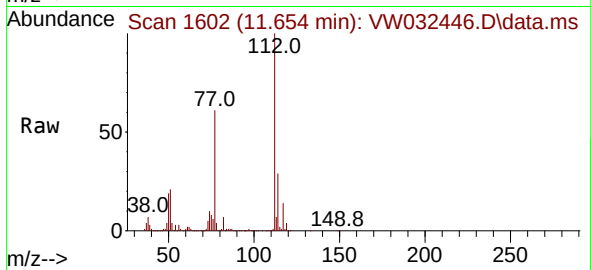
VSTDCCC050

Tgt Ion:112 Resp: 687996

Ion Ratio Lower Upper

112 100

114 29.2 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.853 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

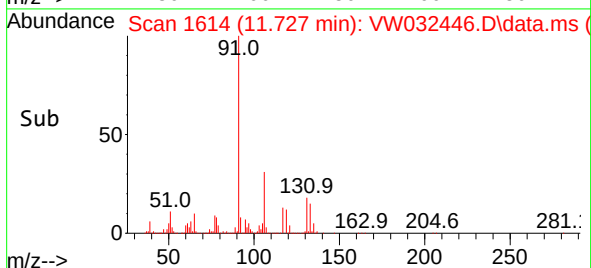
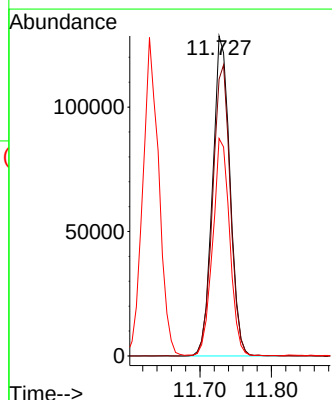
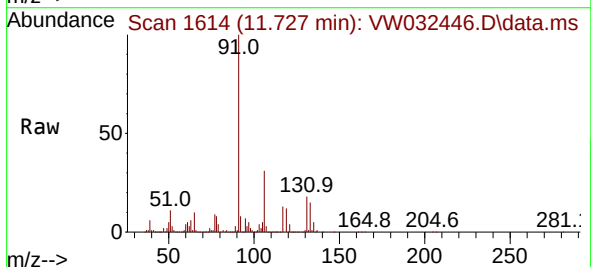
Tgt Ion:131 Resp: 216734

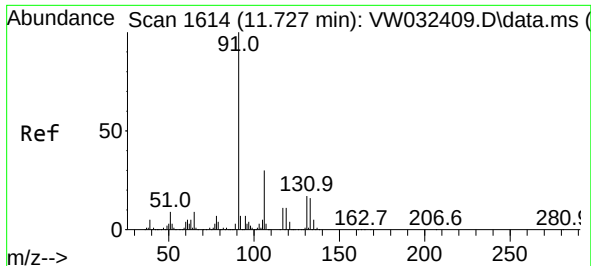
Ion Ratio Lower Upper

131 100

133 92.4 46.9 140.6

119 66.6 33.4 100.2





#67

Ethyl Benzene

Concen: 49.707 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

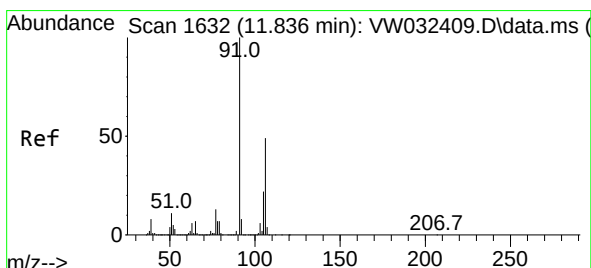
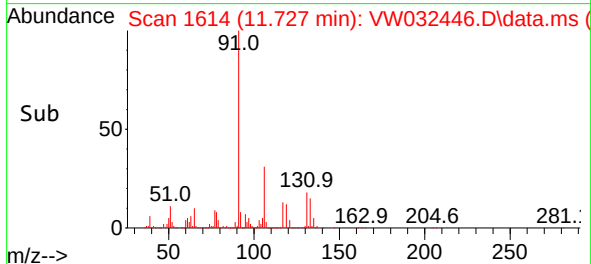
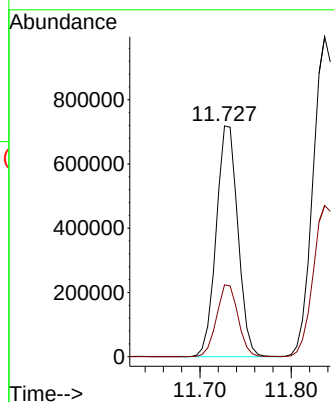
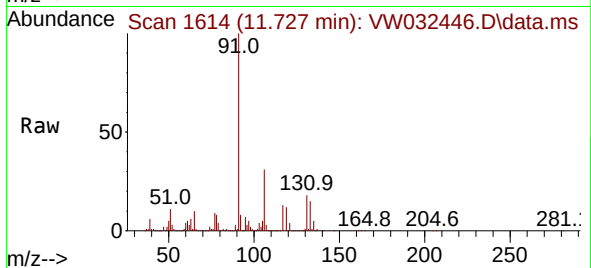
VSTDCCC050

Tgt Ion: 91 Resp: 1184425

Ion Ratio Lower Upper

91 100

106 31.2 24.2 36.2



#68

m/p-Xylenes

Concen: 101.469 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032446.D

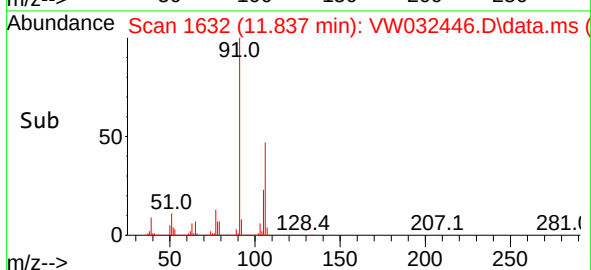
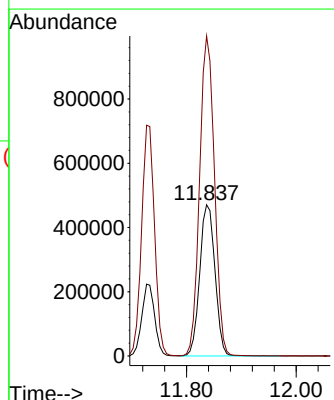
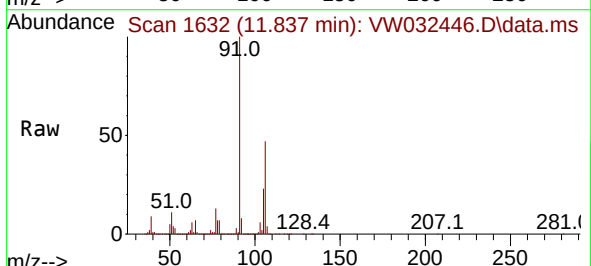
Acq: 17 Nov 2025 10:31

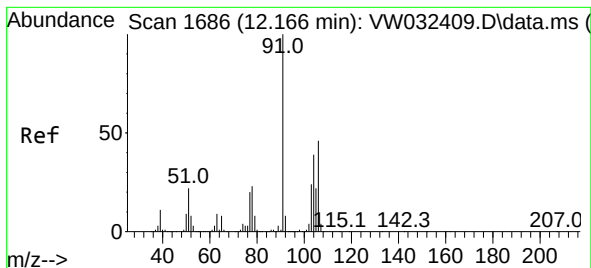
Tgt Ion:106 Resp: 907800

Ion Ratio Lower Upper

106 100

91 206.8 165.5 248.3

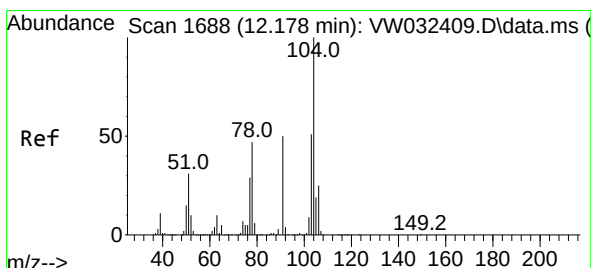
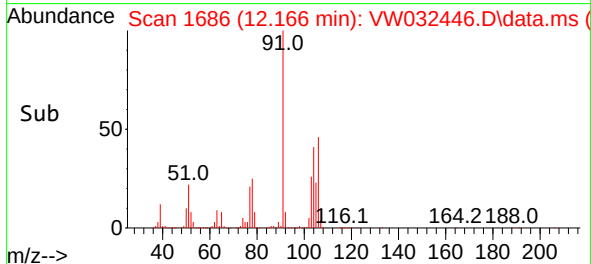
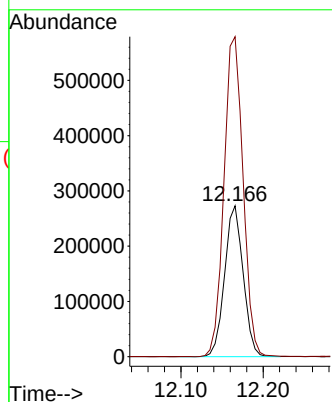
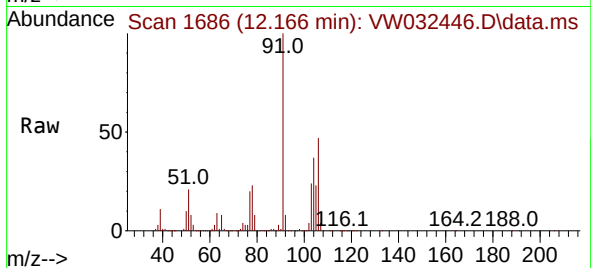




#69
o-Xylene
Concen: 49.874 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

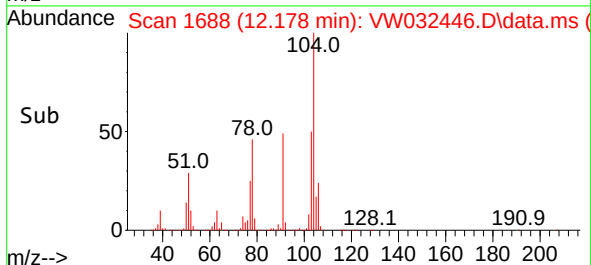
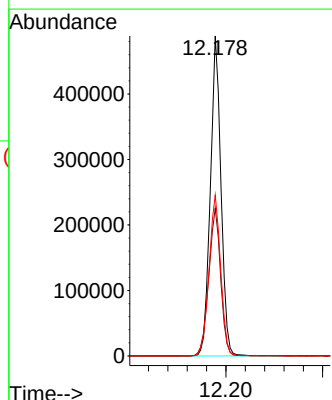
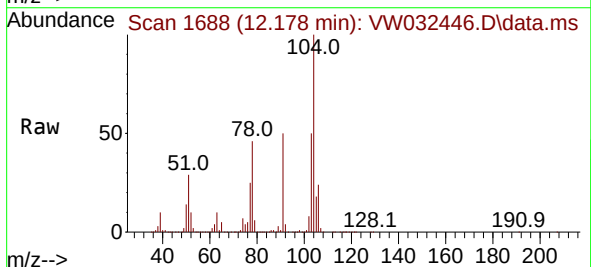
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

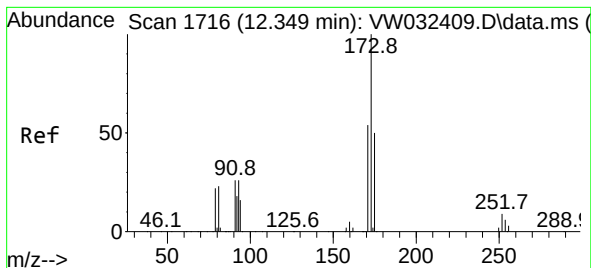
Tgt Ion:106 Resp: 427237
Ion Ratio Lower Upper
106 100
91 219.0 109.3 327.8



#70
Styrene
Concen: 50.639 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion:104 Resp: 746220
Ion Ratio Lower Upper
104 100
78 51.5 40.7 61.1
103 55.1 43.9 65.9





#71

Bromoform

Concen: 49.709 ug/l

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

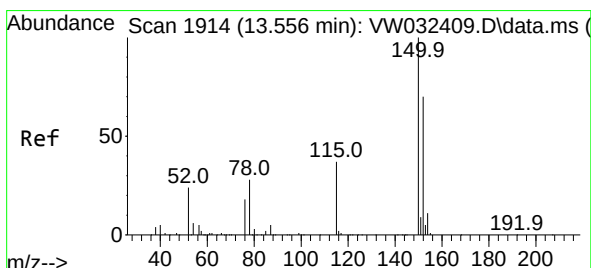
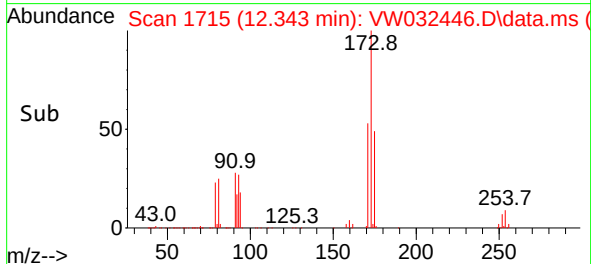
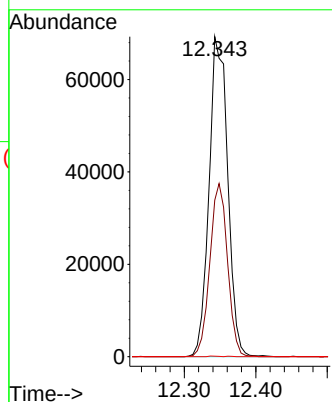
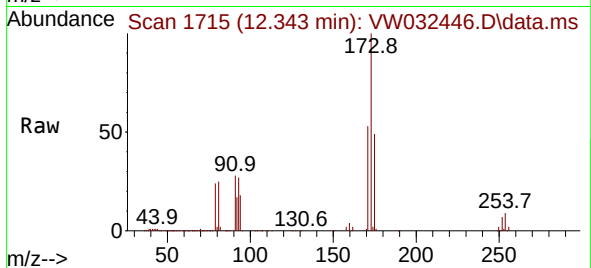
Tgt Ion:173 Resp: 125485

Ion Ratio Lower Upper

173 100

175 51.2 25.1 75.2

254 0.1 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: VW032446.D

Acq: 17 Nov 2025 10:31

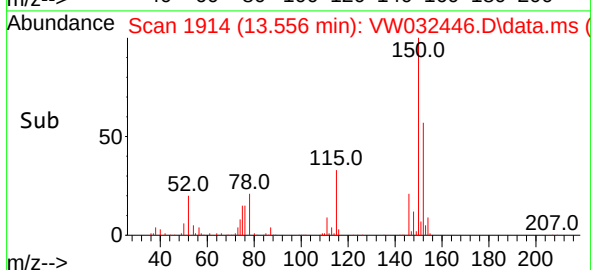
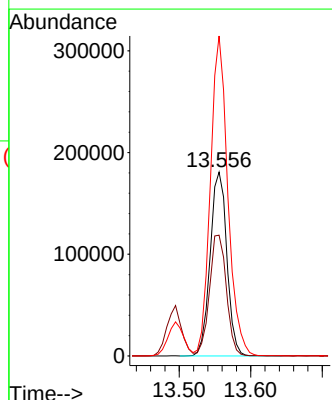
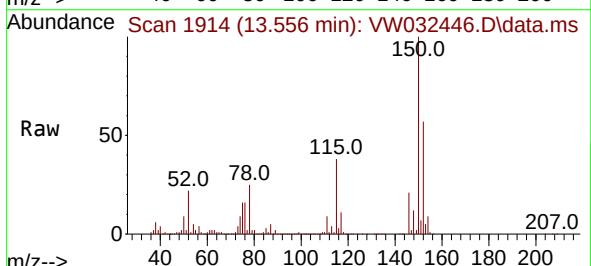
Tgt Ion:152 Resp: 292929

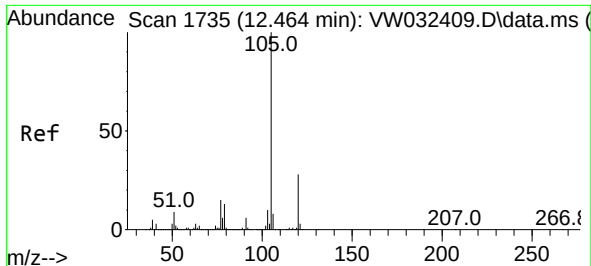
Ion Ratio Lower Upper

152 100

115 66.6 32.8 98.3

150 181.5 0.0 356.6

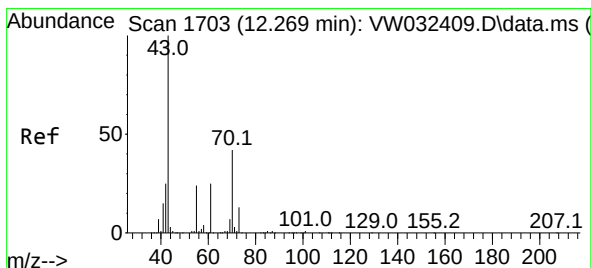
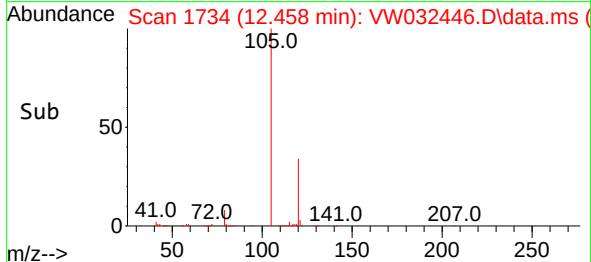
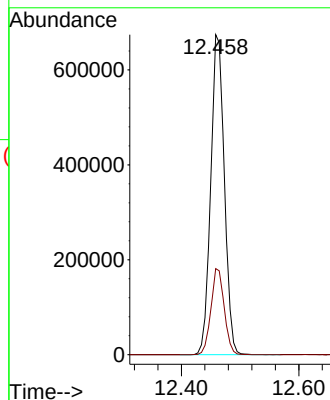
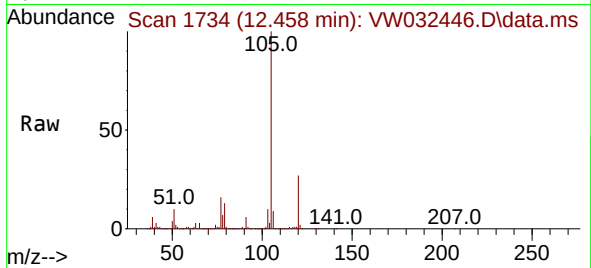




#73
Isopropylbenzene
Concen: 50.388 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

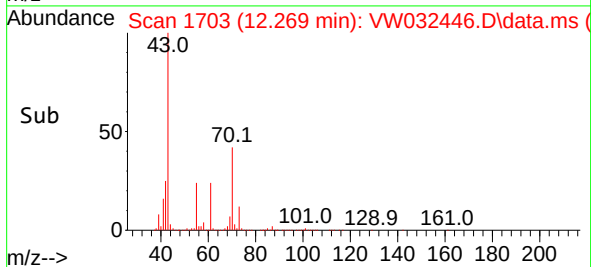
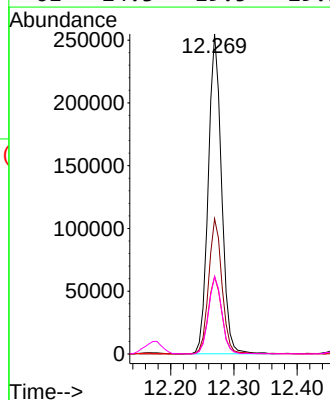
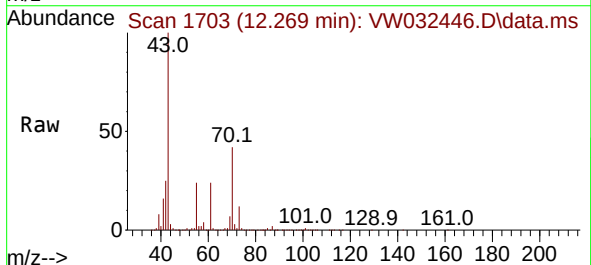
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

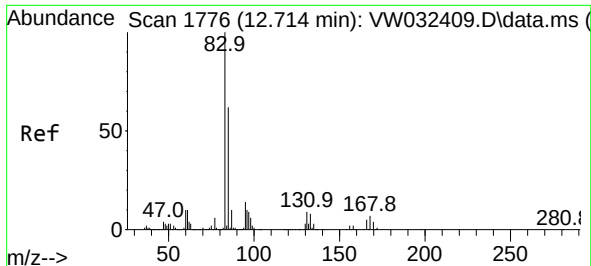
Tgt Ion:105 Resp: 1084037
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5



#74
N-ethyl acetate
Concen: 49.791 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 43 Resp: 372231
Ion Ratio Lower Upper
43 100
70 42.4 33.5 50.3
55 24.7 19.3 28.9
61 24.3 19.5 29.3

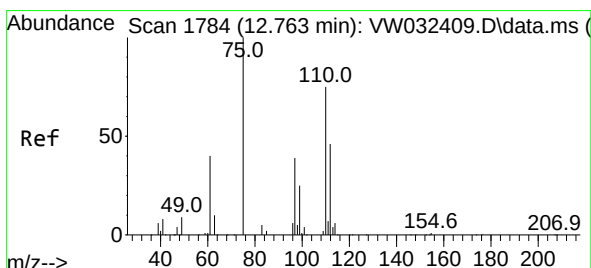
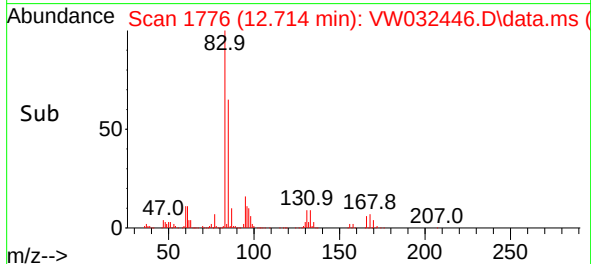
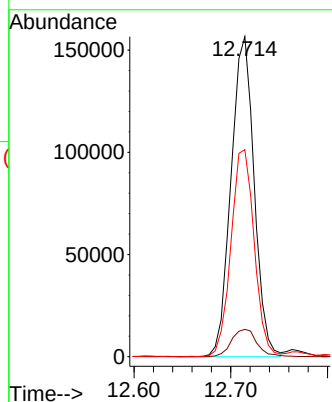
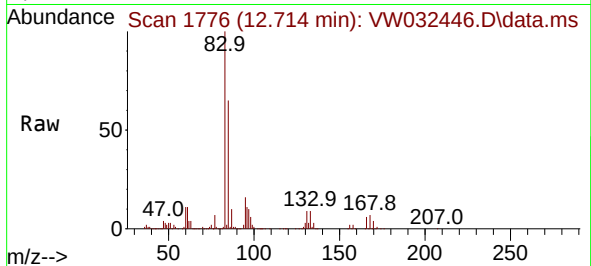




#75
1,1,2-Tetrachloroethane
Concen: 50.957 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

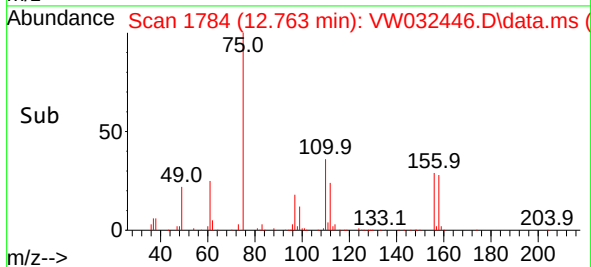
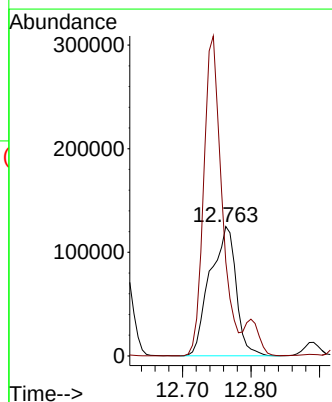
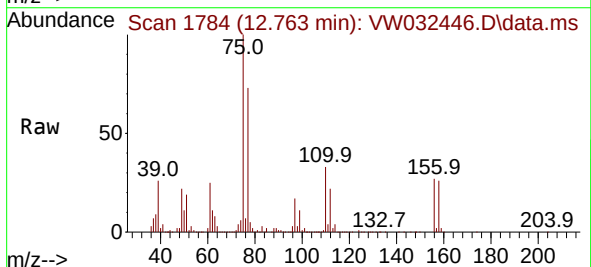
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

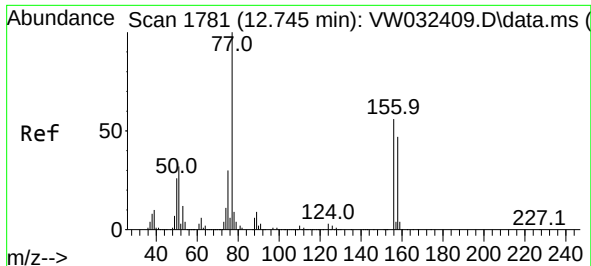
Tgt Ion: 83 Resp: 260174
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 65.2 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 82.121 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 75 Resp: 329843
Ion Ratio Lower Upper
75 100
77 171.8 151.6 454.8

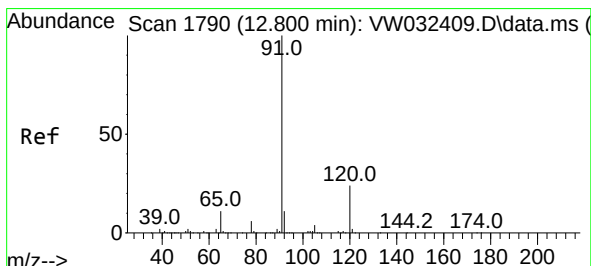
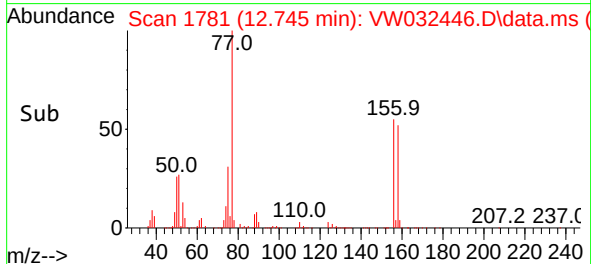
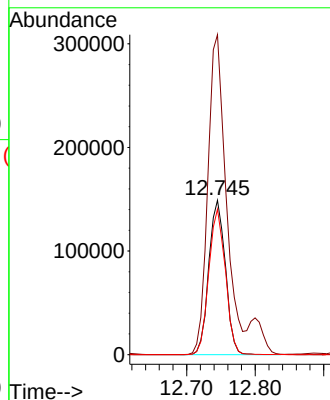
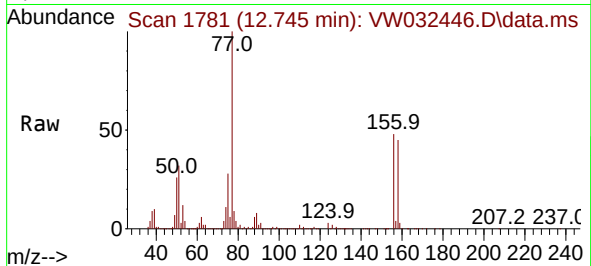




#77
Bromobenzene
Concen: 49.293 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

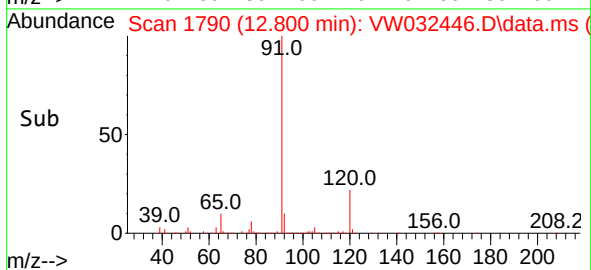
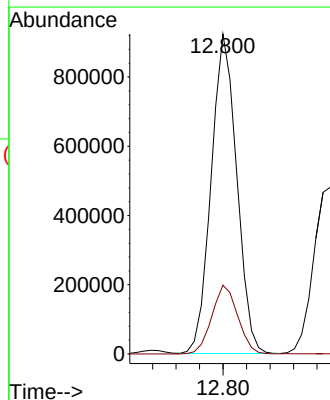
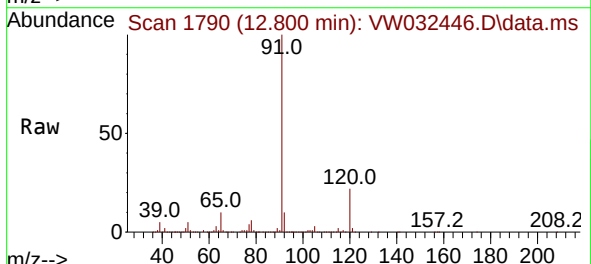
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

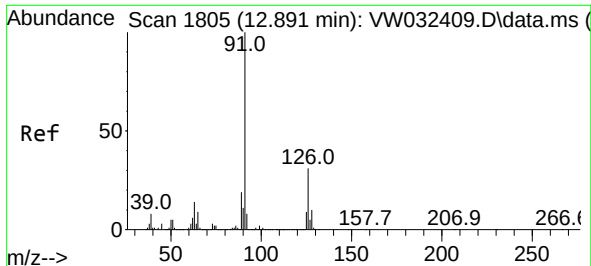
Tgt Ion:156 Resp: 251084
Ion Ratio Lower Upper
156 100
77 225.7 108.0 324.0
158 94.3 45.1 135.5



#78
n-propylbenzene
Concen: 53.274 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 91 Resp: 1395750
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.9

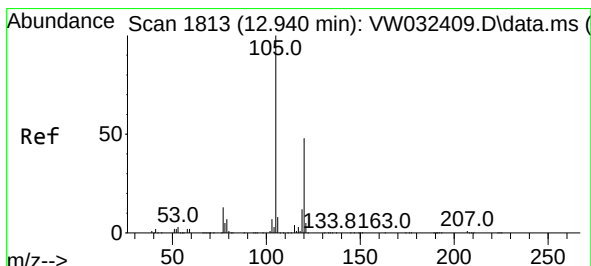
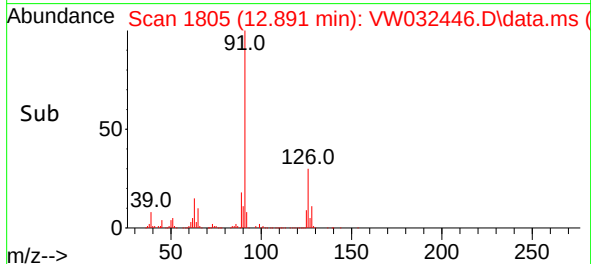
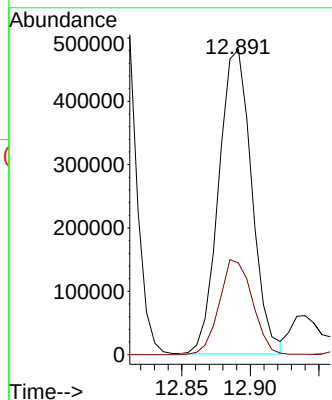
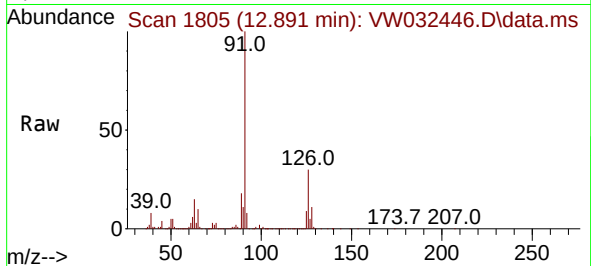




#79
2-Chlorotoluene
Concen: 50.426 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

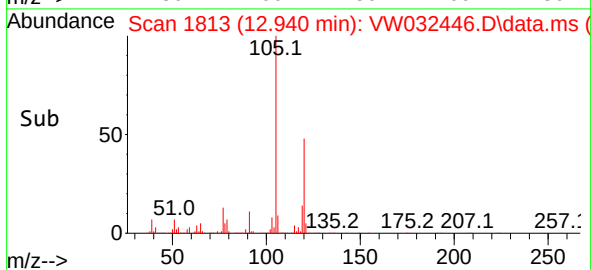
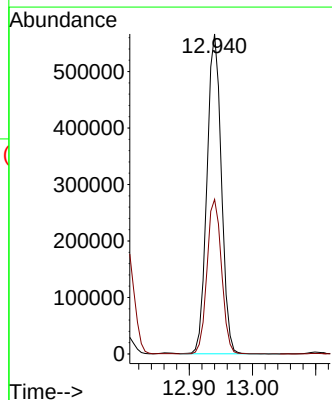
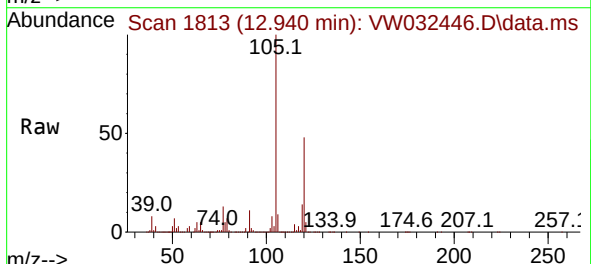
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

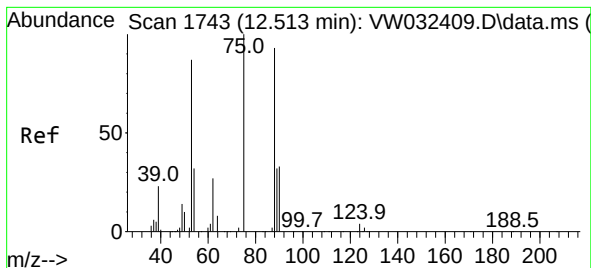
Tgt Ion: 91 Resp: 806501
Ion Ratio Lower Upper
91 100
126 31.3 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 50.501 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 105 Resp: 896335
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6

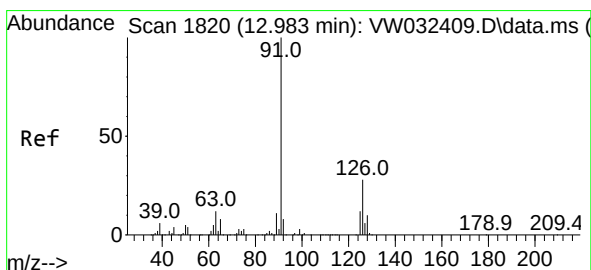
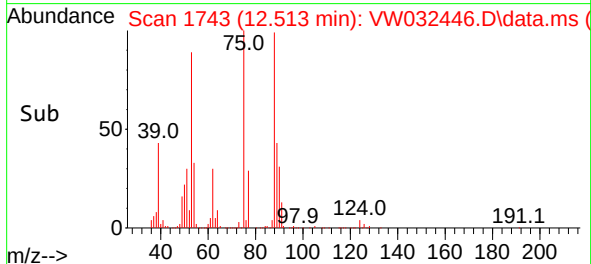
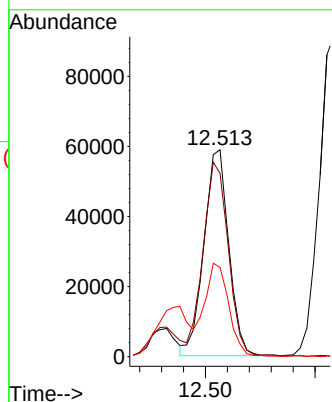
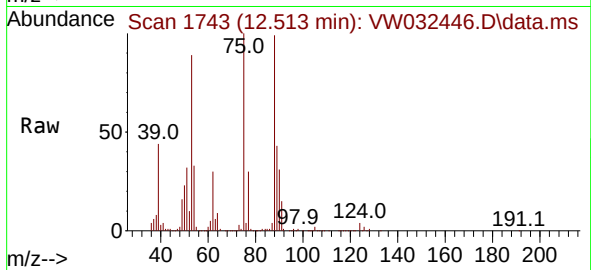




#81
trans-1,4-Dichloro-2-butene
Concen: 52.631 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

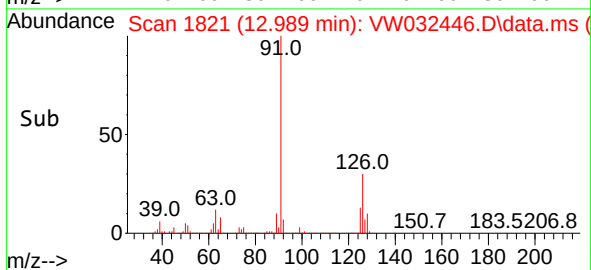
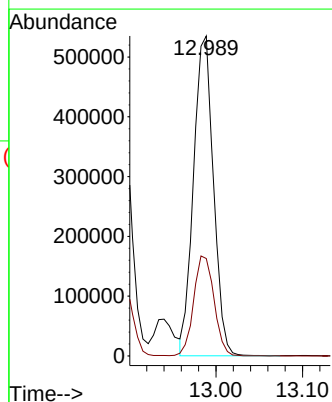
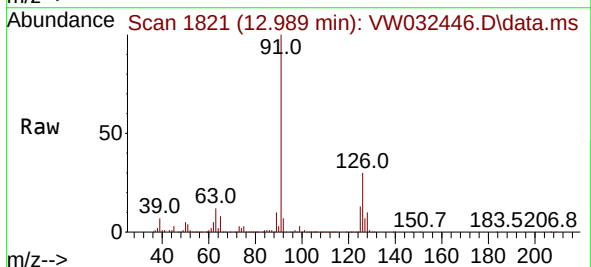
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

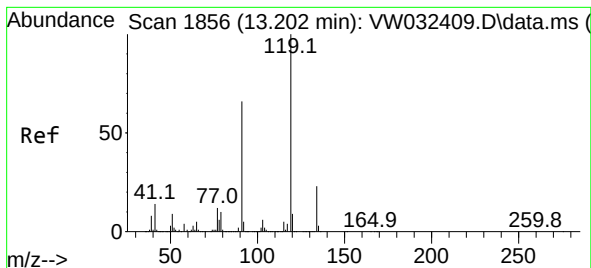
Tgt Ion: 75 Resp: 92294
Ion Ratio Lower Upper
75 100
53 96.1 77.8 116.8
89 44.2 35.6 53.4



#82
4-Chlorotoluene
Concen: 51.305 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 91 Resp: 853458
Ion Ratio Lower Upper
91 100
126 32.0 15.5 46.5

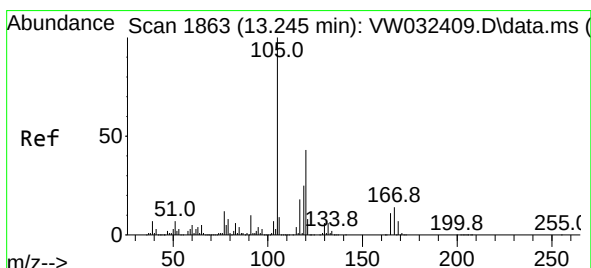
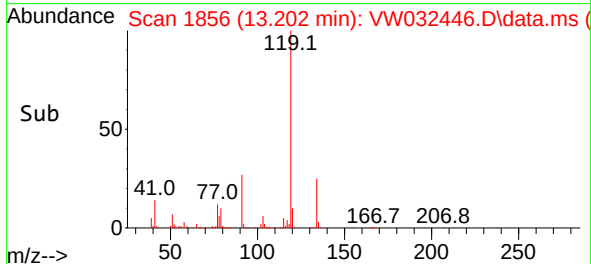
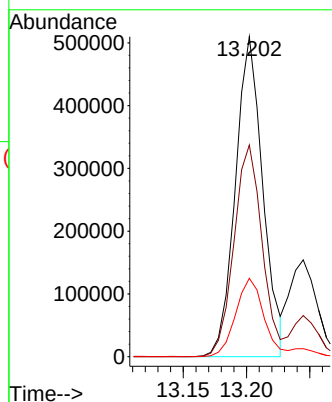
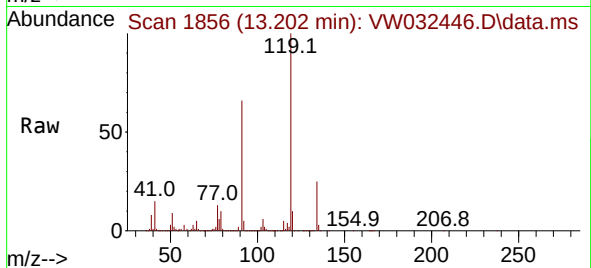




#83
tert-Butylbenzene
Concen: 49.917 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

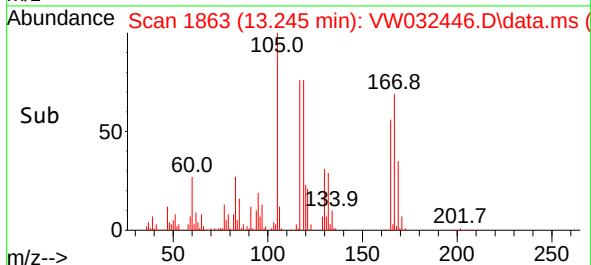
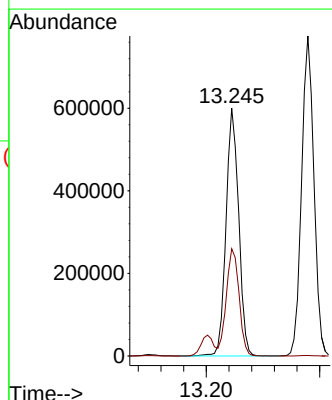
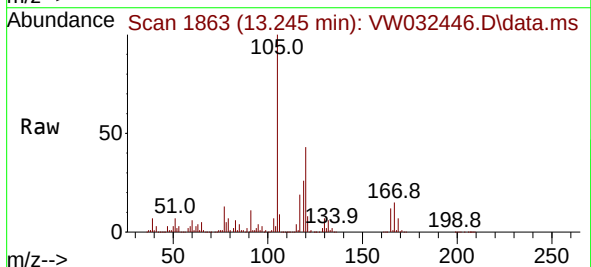
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

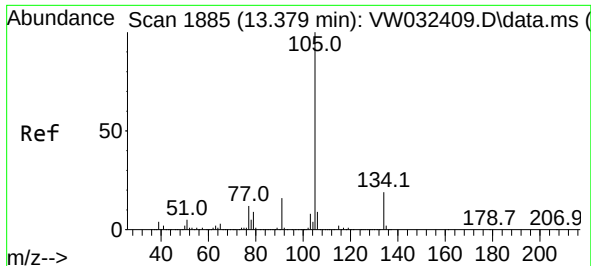
Tgt Ion:119 Resp: 770700
Ion Ratio Lower Upper
119 100
91 67.4 33.3 99.9
134 25.2 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 51.299 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion:105 Resp: 926078
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.5

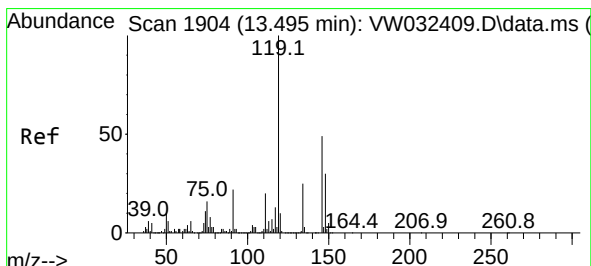
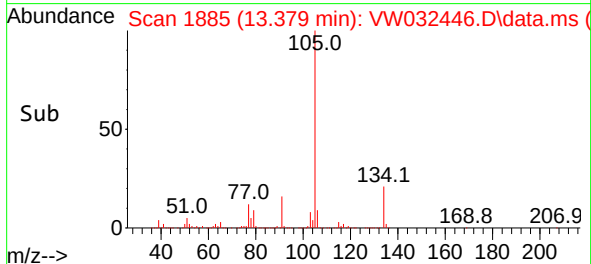
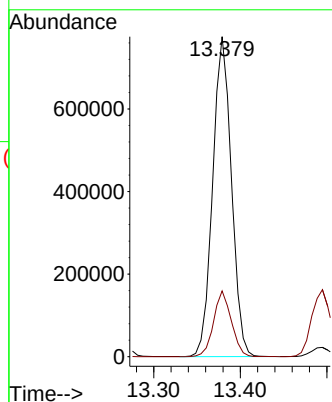
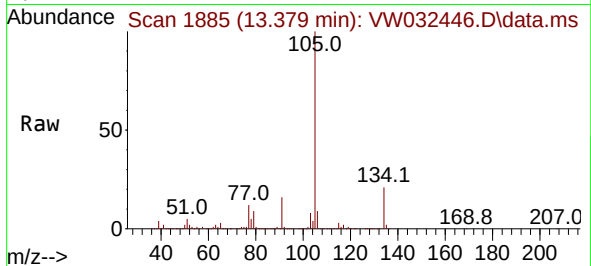




#85
 sec-Butylbenzene
 Concen: 50.649 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032446.D
 Acq: 17 Nov 2025 10:31

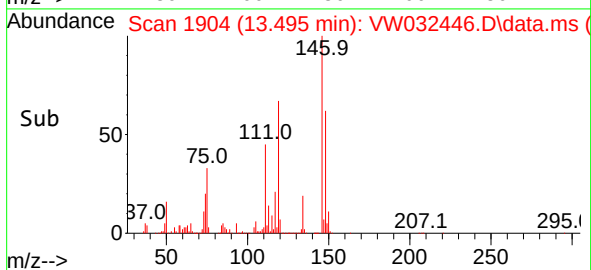
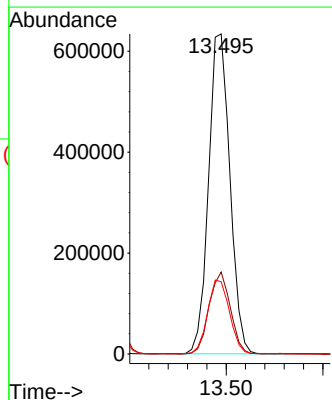
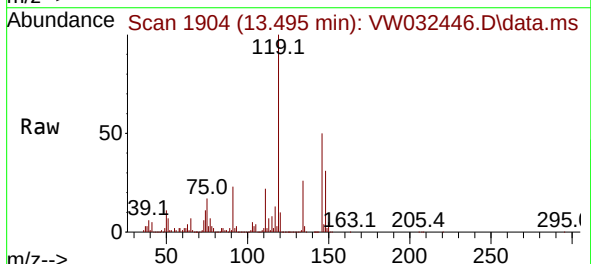
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

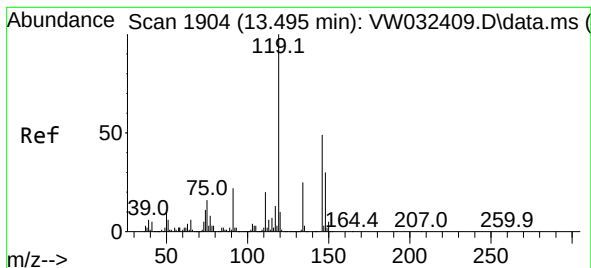
Tgt Ion:105 Resp: 1164641
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 51.068 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032446.D
 Acq: 17 Nov 2025 10:31

Tgt Ion:119 Resp: 969548
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 52.456 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

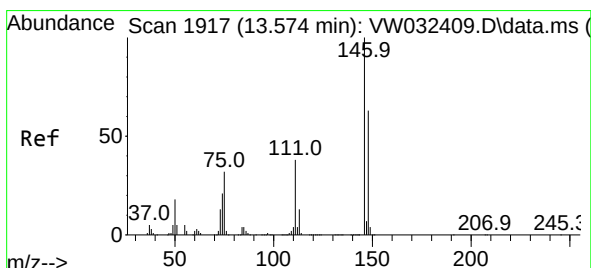
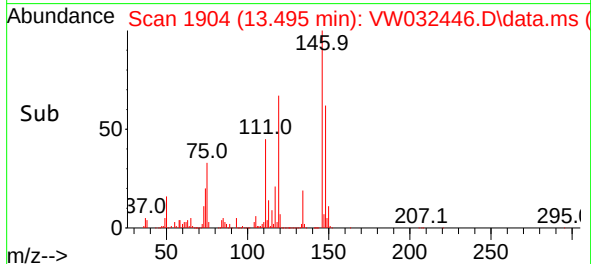
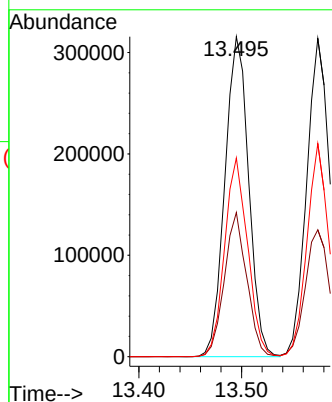
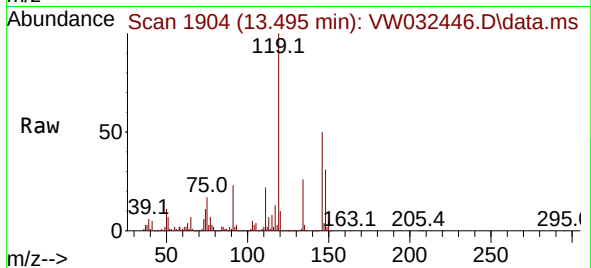
Tgt Ion:146 Resp: 506591

Ion Ratio Lower Upper

146 100

111 42.5 22.2 66.6

148 60.3 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 50.023 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

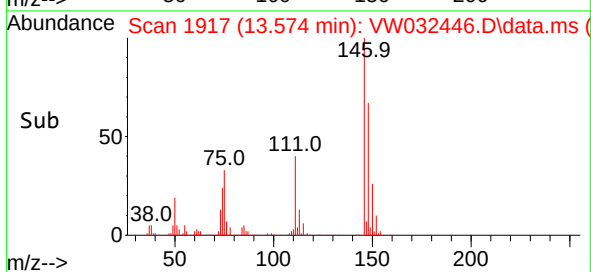
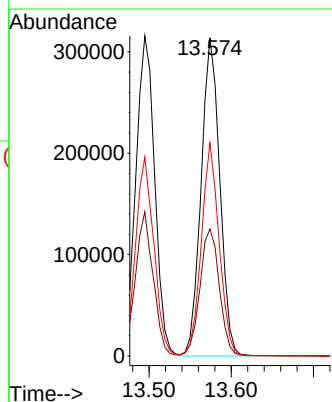
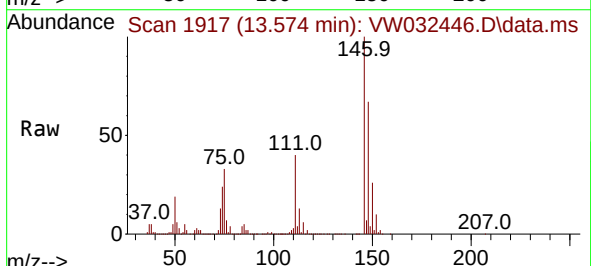
Tgt Ion:146 Resp: 494934

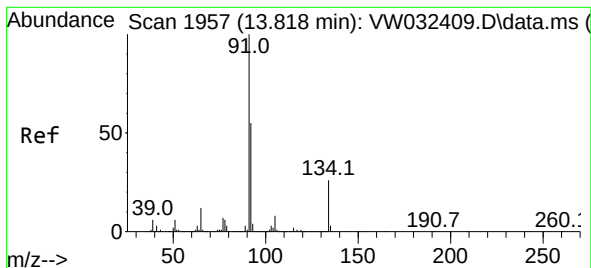
Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 63.6 31.2 93.6





#89

n-Butylbenzene

Concen: 51.403 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

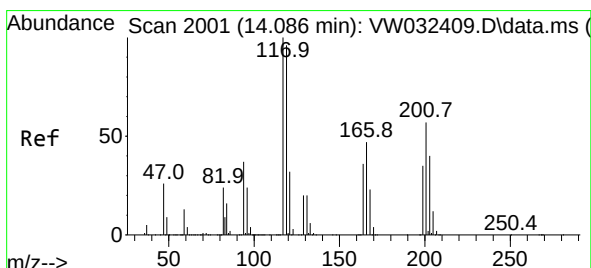
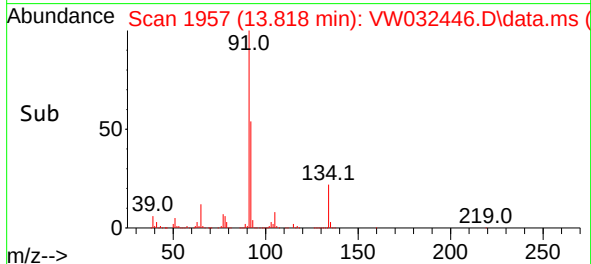
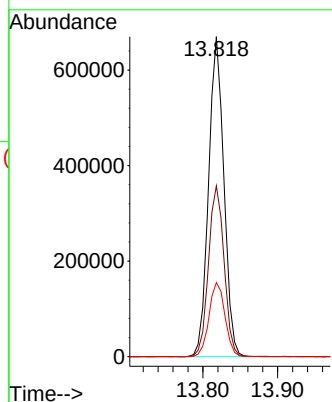
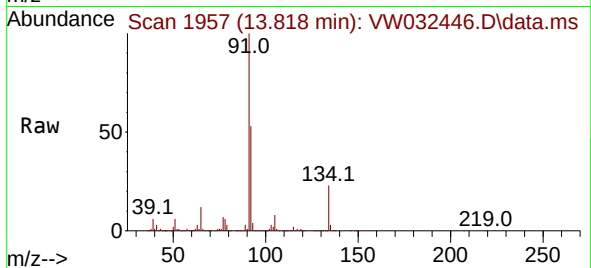
Tgt Ion: 91 Resp: 953446

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 24.2 12.4 37.4



#90

Hexachloroethane

Concen: 51.670 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032446.D

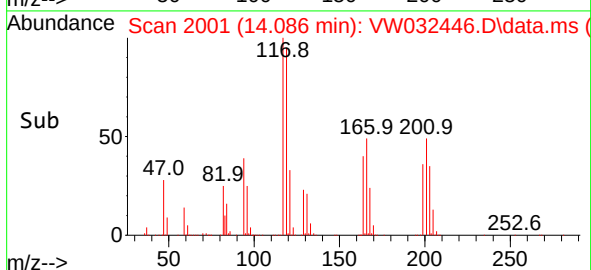
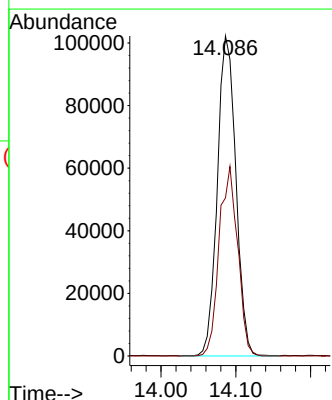
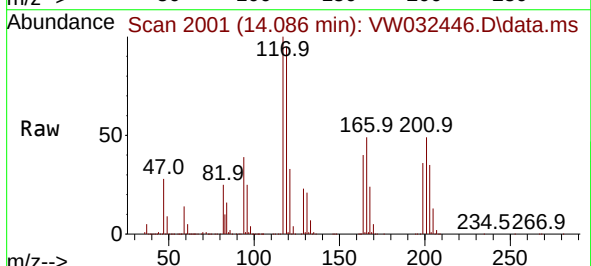
Acq: 17 Nov 2025 10:31

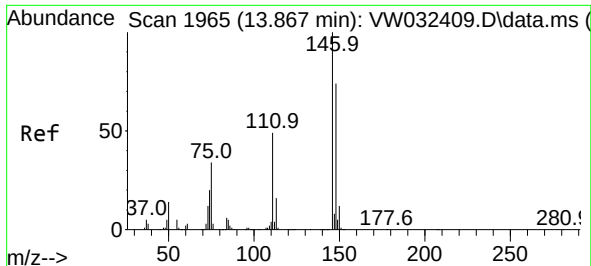
Tgt Ion: 117 Resp: 176870

Ion Ratio Lower Upper

117 100

201 59.1 32.0 96.0

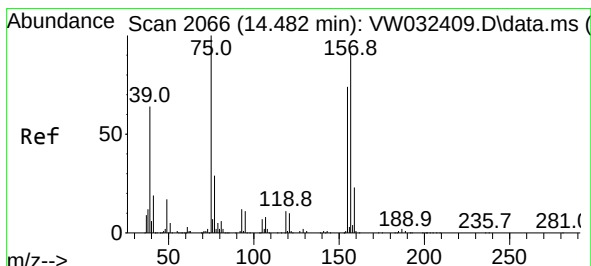
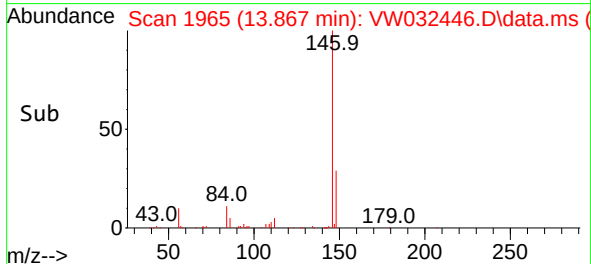
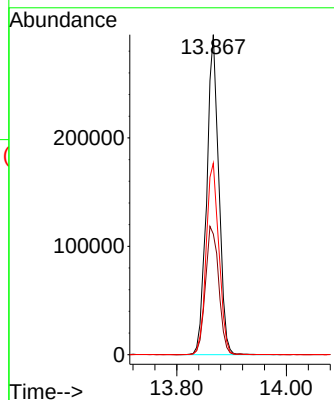
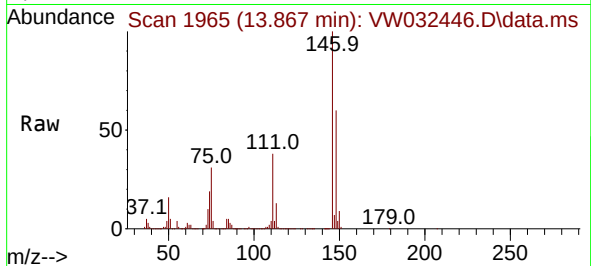




#91
1,2-Dichlorobenzene
Concen: 50.874 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

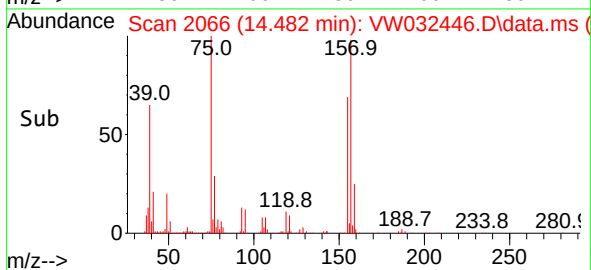
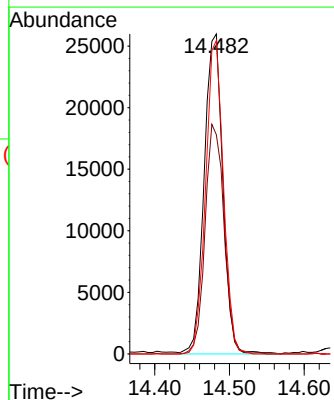
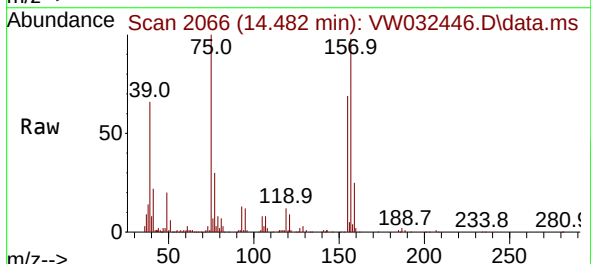
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

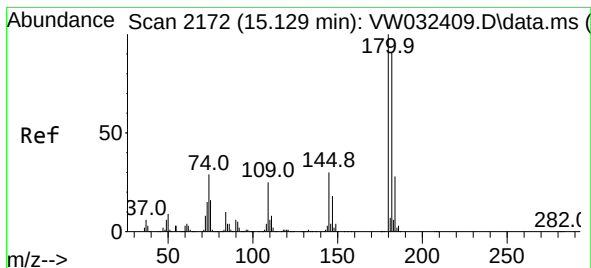
Tgt Ion:146 Resp: 451020
Ion Ratio Lower Upper
146 100
111 44.1 23.4 70.2
148 63.0 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.157 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion: 75 Resp: 44996
Ion Ratio Lower Upper
75 100
155 72.5 36.2 108.6
157 93.3 47.8 143.3

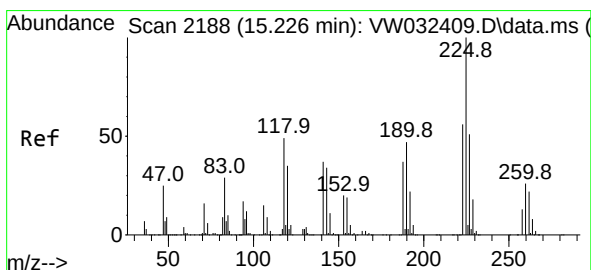
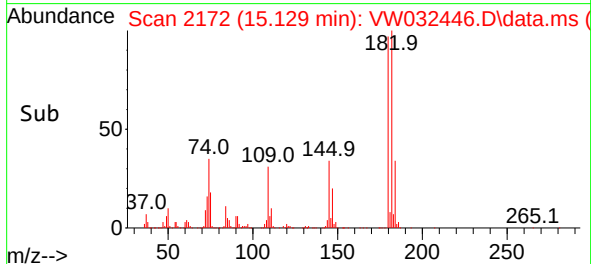
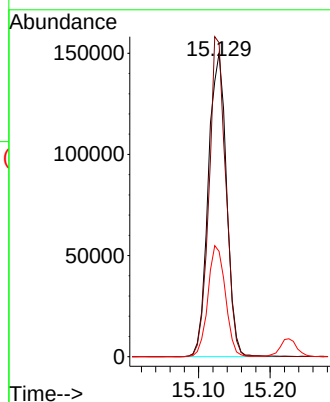
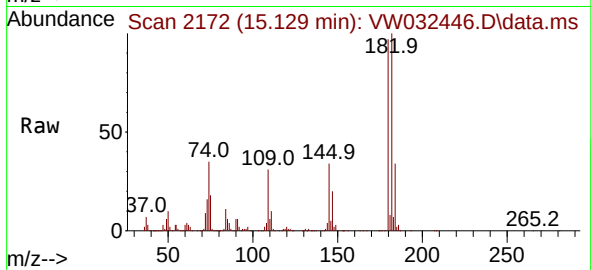




#93
1,2,4-Trichlorobenzene
Concen: 47.092 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

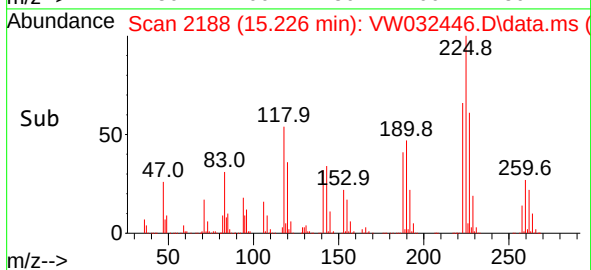
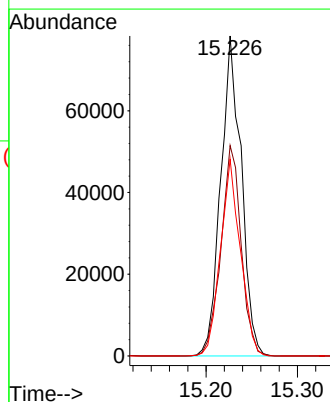
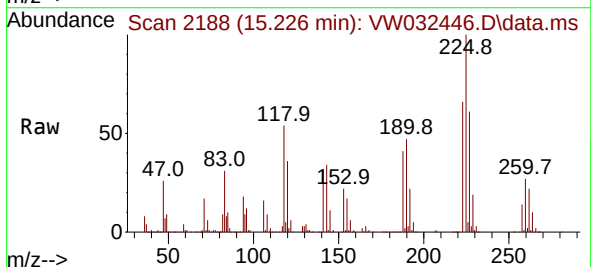
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

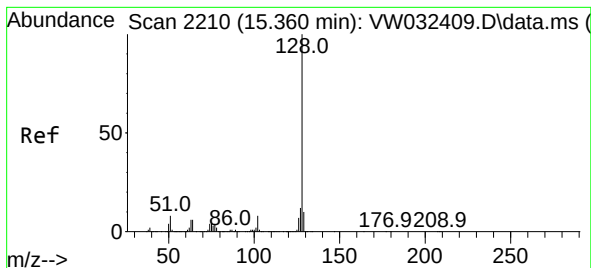
Tgt Ion:180 Resp: 265681
Ion Ratio Lower Upper
180 100
182 97.1 45.3 135.9
145 35.1 16.2 48.5



#94
Hexachlorobutadiene
Concen: 52.268 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032446.D
Acq: 17 Nov 2025 10:31

Tgt Ion:225 Resp: 122492
Ion Ratio Lower Upper
225 100
223 64.7 30.6 91.8
227 59.5 29.8 89.4





#95

Naphthalene

Concen: 49.128 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

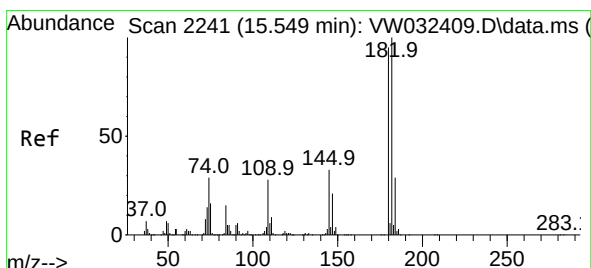
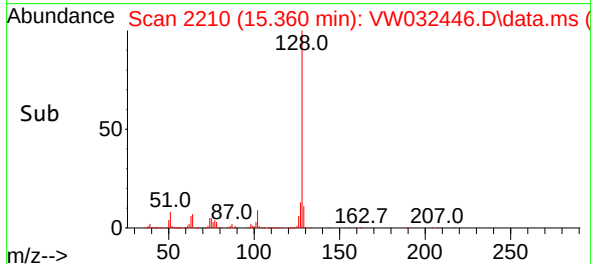
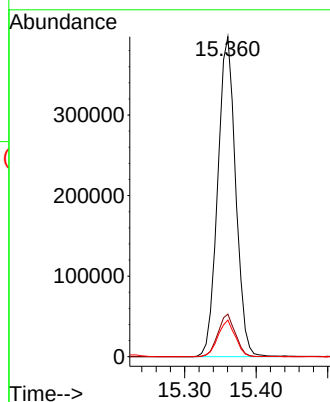
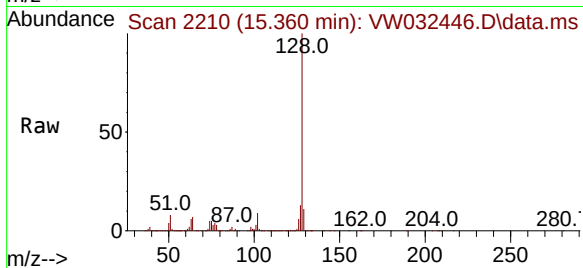
Tgt Ion:128 Resp: 691163

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.550 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032446.D

Acq: 17 Nov 2025 10:31

Tgt Ion:180 Resp: 248672

Ion Ratio Lower Upper

180 100

182 95.6 50.3 151.0

145 37.2 17.8 53.3

