

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
 Data File : VW032440.D
 Acq On : 12 Nov 2025 15:19
 Operator : SY/MD
 Sample : VW1112SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

Quant Time: Nov 14 05:18:18 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	7.965	168	366994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	679219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	627588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	298446	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	266324	56.288	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 112.580%	
35) Dibromofluoromethane	7.898	113	218425	53.711	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.420%	
50) Toluene-d8	10.325	98	842384	53.995	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 108.000%	
62) 4-Bromofluorobenzene	12.617	95	311188	52.802	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	36722	19.722	ug/l	99
3) Chloromethane	2.253	50	68266	21.390	ug/l	98
4) Vinyl Chloride	2.406	62	83872	20.823	ug/l	98
5) Bromomethane	2.820	94	57801	21.453	ug/l	93
6) Chloroethane	2.972	64	55017	20.877	ug/l	96
7) Trichlorofluoromethane	3.308	101	59208	18.749	ug/l	87
8) Diethyl Ether	3.722	74	54443	21.086	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	72169	20.979	ug/l	100
10) Methyl Iodide	4.314	142	113811	20.541	ug/l	99
11) Tert butyl alcohol	5.222	59	43291	105.813	ug/l	99
12) 1,1-Dichloroethene	4.082	96	81805	20.738	ug/l	96
13) Acrolein	3.930	56	69833	101.733	ug/l	100
14) Allyl chloride	4.704	41	154782	20.404	ug/l	97
15) Acrylonitrile	5.399	53	159428	106.795	ug/l	99
16) Acetone	4.161	43	146619	103.579	ug/l	99
17) Carbon Disulfide	4.423	76	234867	20.145	ug/l	97
18) Methyl Acetate	4.710	43	76122	21.716	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	166357	20.006	ug/l	97
20) Methylene Chloride	4.960	84	111327	21.992	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	93319	20.689	ug/l	95
22) Diisopropyl ether	6.338	45	333574	21.598	ug/l	98
23) Vinyl Acetate	6.283	43	1116159	105.479	ug/l	98
24) 1,1-Dichloroethane	6.246	63	184343	21.785	ug/l	97
25) 2-Butanone	7.197	43	214574	102.892	ug/l	100
26) 2,2-Dichloropropane	7.185	77	92933	19.706	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	115570	21.444	ug/l	98
28) Bromochloromethane	7.527	49	92070	23.021	ug/l	97
29) Tetrahydrofuran	7.551	42	142216	107.444	ug/l	98
30) Chloroform	7.691	83	182479	22.028	ug/l	100
31) Cyclohexane	7.972	56	159644	20.395	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	124588	21.053	ug/l	99
36) 1,1-Dichloropropene	8.100	75	128194	21.395	ug/l	98
37) Ethyl Acetate	7.277	43	96397	21.636	ug/l	99
38) Carbon Tetrachloride	8.081	117	111045	20.858	ug/l	97
39) Methylcyclohexane	9.343	83	154110	19.854	ug/l	96
40) Benzene	8.337	78	411866	21.345	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	50078	20.461	ug/l	97
42) 1,2-Dichloroethane	8.417	62	126618	22.340	ug/l	100
43) Isopropyl Acetate	8.435	43	166584	21.115	ug/l	99
44) Trichloroethene	9.099	130	90053	20.056	ug/l	98
45) 1,2-Dichloropropane	9.374	63	105986	22.059	ug/l	100
46) Dibromomethane	9.465	93	61685	21.970	ug/l	99
47) Bromodichloromethane	9.648	83	136978	21.387	ug/l	99
48) Methyl methacrylate	9.447	41	74863	19.969	ug/l	93
49) 1,4-Dioxane	9.465	88	17583	447.038	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	479928	110.040	ug/l	99
52) Toluene	10.392	92	255050	21.399	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	137068	20.781	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	159868	20.959	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	83575	21.698	ug/l	97
56) Ethyl methacrylate	10.648	69	121553	20.568	ug/l	98
57) 1,3-Dichloropropane	10.934	76	149176	21.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	346281	110.026	ug/l	99
59) 2-Hexanone	10.971	43	338942	106.220	ug/l	97
60) Dibromochloromethane	11.130	129	91085	21.176	ug/l	95
61) 1,2-Dibromoethane	11.239	107	80271	21.398	ug/l	100
64) Tetrachloroethene	10.861	164	77995	20.986	ug/l	86
65) Chlorobenzene	11.660	112	280732	20.754	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	84614	20.212	ug/l	100
67) Ethyl Benzene	11.727	91	466082	19.914	ug/l	97
68) m/p-Xylenes	11.837	106	359060	40.859	ug/l	99
69) o-Xylene	12.166	106	167430	19.898	ug/l	98
70) Styrene	12.178	104	296462	20.482	ug/l	99
71) Bromoform	12.349	173	47042	18.972	ug/l #	99
73) Isopropylbenzene	12.465	105	419892	19.157	ug/l	98
74) N-amyl acetate	12.270	43	152454	20.016	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	107473	20.660	ug/l	98
76) 1,2,3-Trichloropropane	12.770	75	136184	33.279	ug/l #	1
77) Bromobenzene	12.745	156	100969	19.456	ug/l	90
78) n-propylbenzene	12.800	91	541646	20.292	ug/l	99
79) 2-Chlorotoluene	12.891	91	330269	20.268	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	366549	20.270	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	33075	18.512	ug/l	91
82) 4-Chlorotoluene	12.989	91	348737	20.577	ug/l	98
83) tert-Butylbenzene	13.202	119	306662	19.495	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	373897	20.329	ug/l	100
85) sec-Butylbenzene	13.379	105	454997	19.422	ug/l	100
86) p-Isopropyltoluene	13.495	119	385632	19.936	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	214653	21.816	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	207082	20.543	ug/l	98
89) n-Butylbenzene	13.818	91	369364	19.545	ug/l	99
90) Hexachloroethane	14.092	117	66130	18.962	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	188183	20.834	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.477	75	17475	19.500	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	110799	19.276	ug/l	97
94) Hexachlorobutadiene	15.226	225	50127	20.994	ug/l	97
95) Naphthalene	15.361	128	272150	18.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	101424	19.436	ug/l	96

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

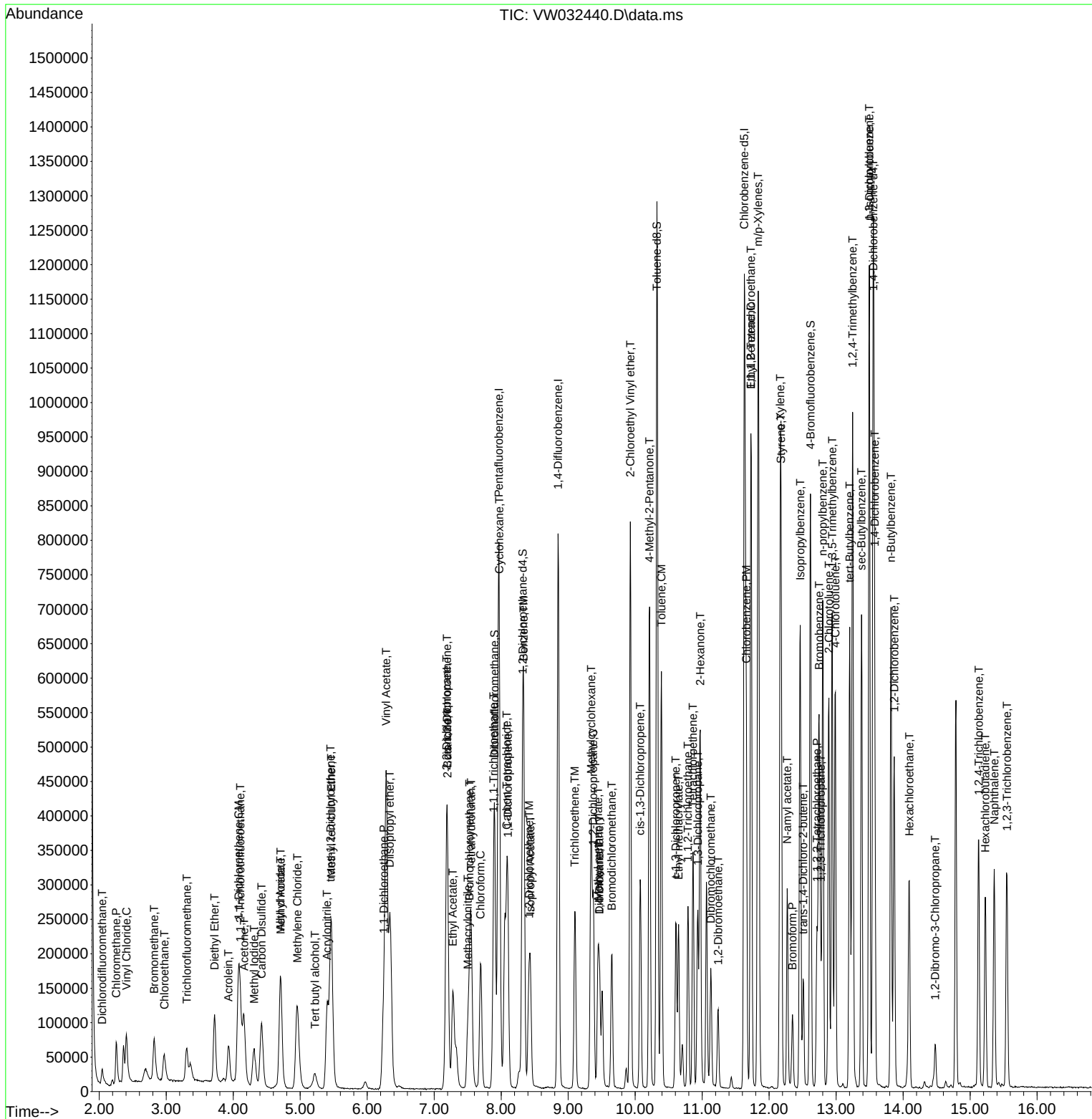
Quant Time: Nov 14 05:18:18 2025
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

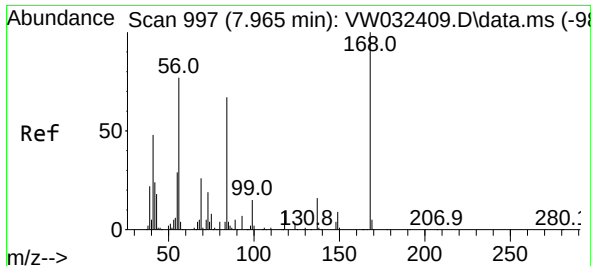
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

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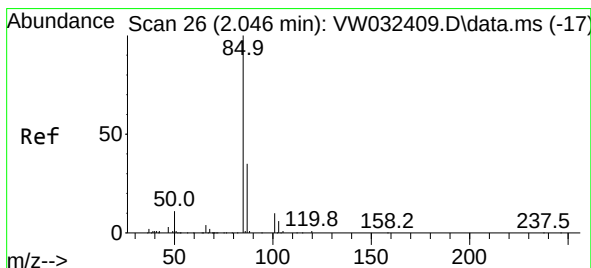
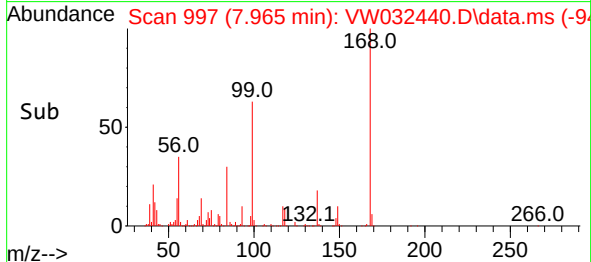
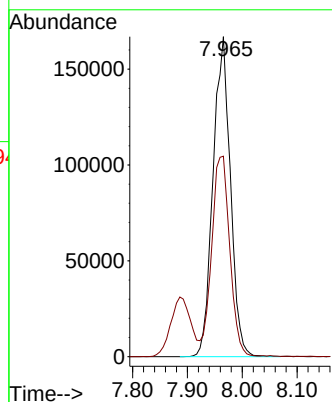
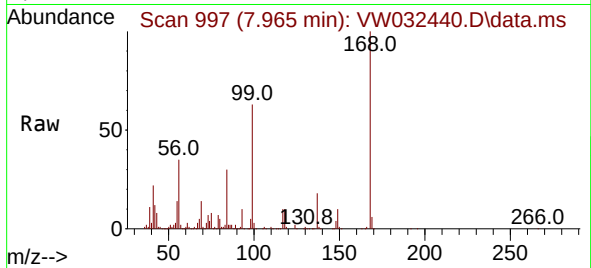




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
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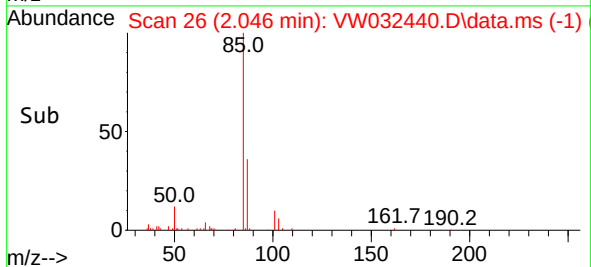
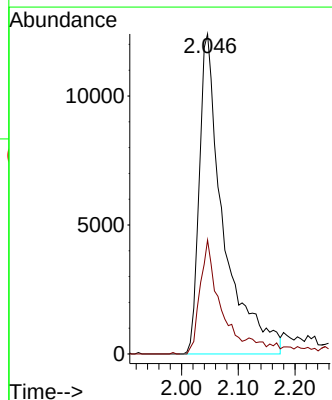
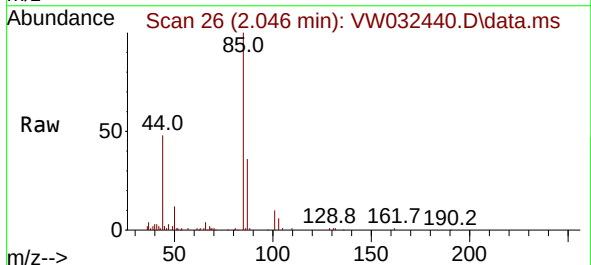
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

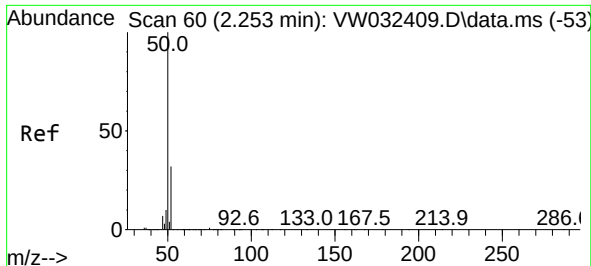
Tgt Ion:168 Resp: 366994
Ion Ratio Lower Upper
168 100
99 62.5 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 19.722 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 85 Resp: 36722
Ion Ratio Lower Upper
85 100
87 35.6 17.4 52.2

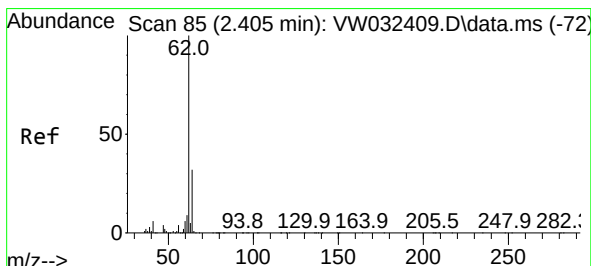
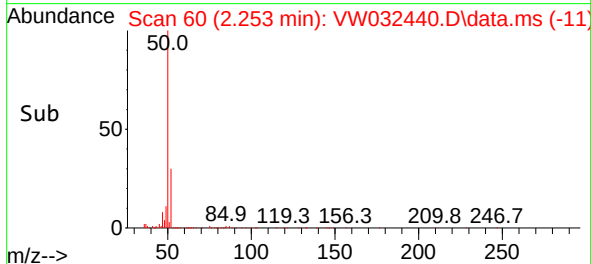
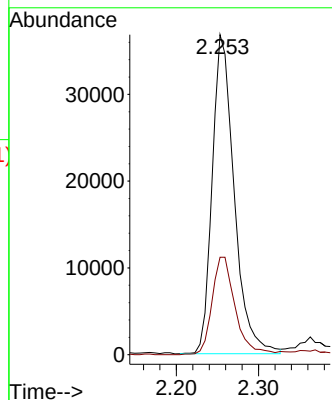
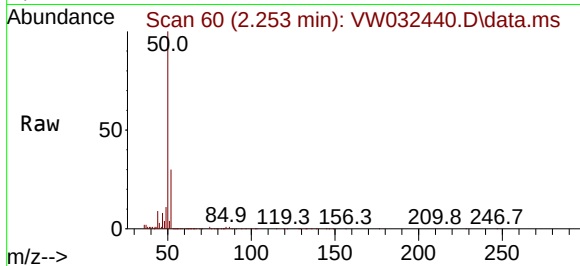




#3
Chloromethane
Concen: 21.390 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

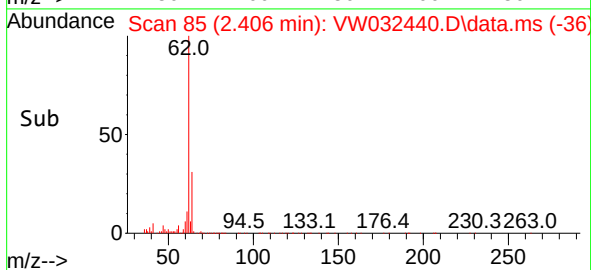
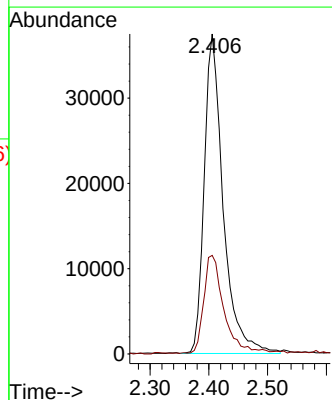
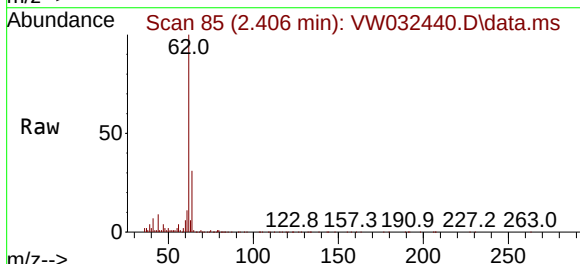
Instrument :
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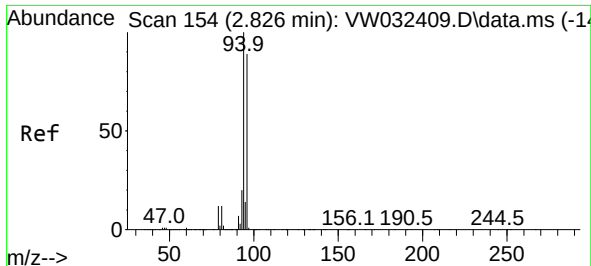
Tgt Ion: 50 Resp: 68266
Ion Ratio Lower Upper
50 100
52 30.5 25.5 38.3



#4
Vinyl Chloride
Concen: 20.823 ug/l
RT: 2.406 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 62 Resp: 83872
Ion Ratio Lower Upper
62 100
64 30.6 25.2 37.8

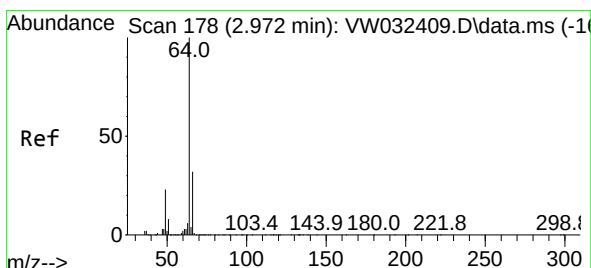
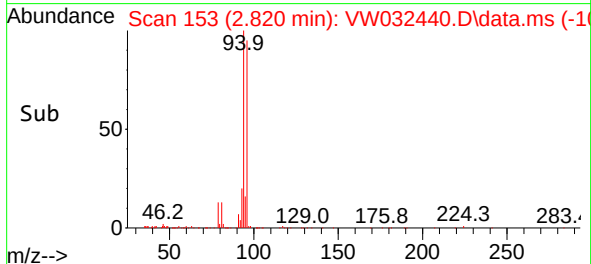
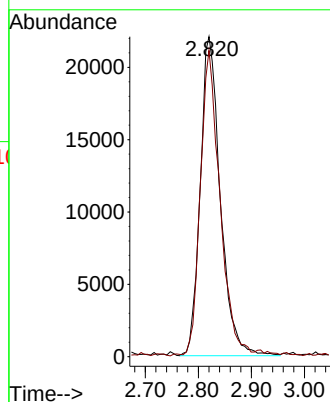
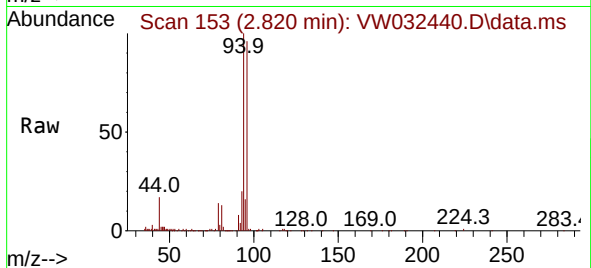




#5
Bromomethane
Concen: 21.453 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

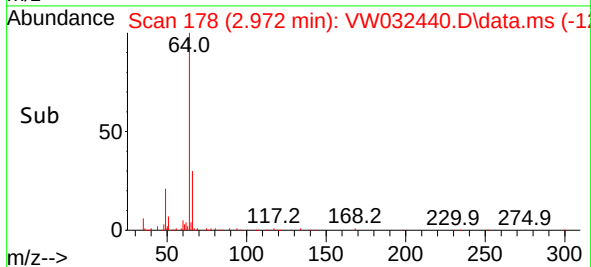
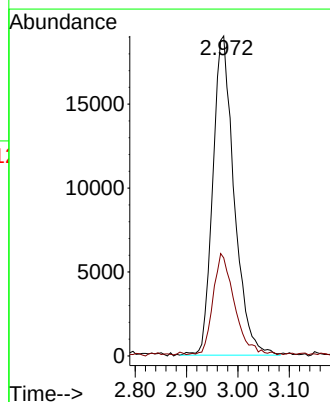
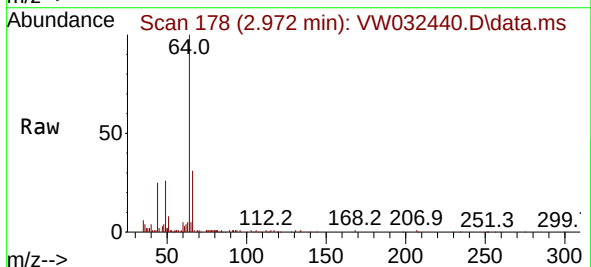
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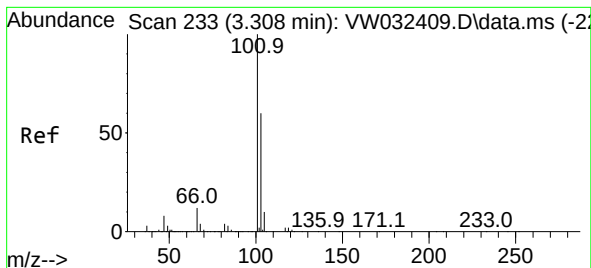
Tgt Ion: 94 Resp: 57801
Ion Ratio Lower Upper
94 100
96 95.6 71.4 107.2



#6
Chloroethane
Concen: 20.877 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 64 Resp: 55017
Ion Ratio Lower Upper
64 100
66 30.0 25.6 38.4





#7

Trichlorofluoromethane

Concen: 18.749 ug/l

RT: 3.308 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

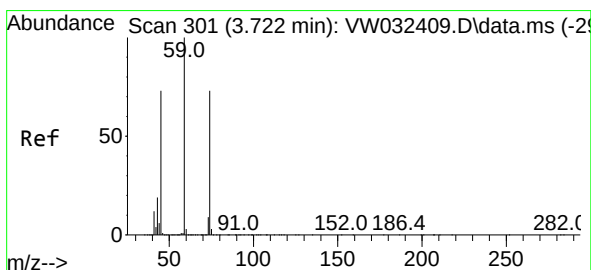
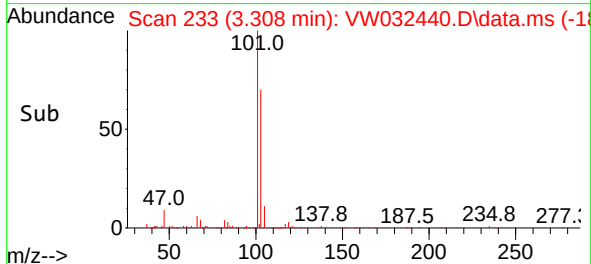
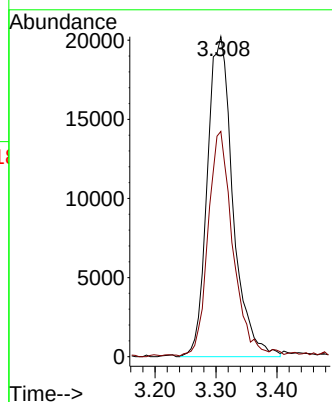
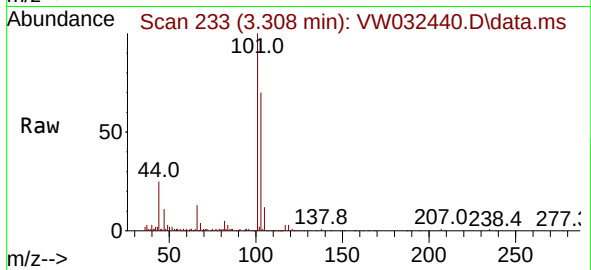
VW1112SBSD01

Tgt Ion:101 Resp: 59208

Ion Ratio Lower Upper

101 100

103 70.1 48.0 72.0



#8

Diethyl Ether

Concen: 21.086 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.000 min

Lab File: VW032440.D

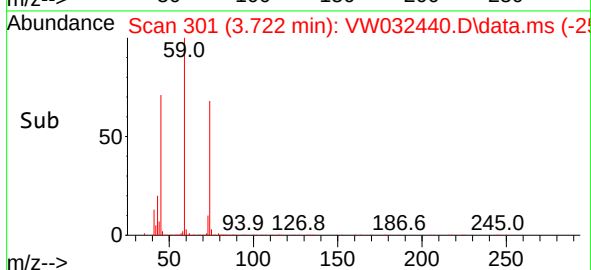
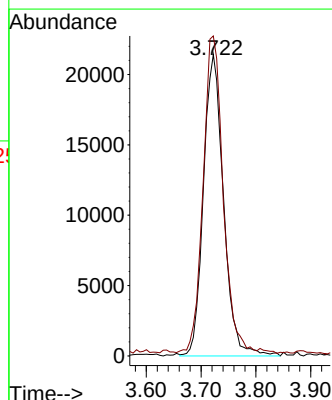
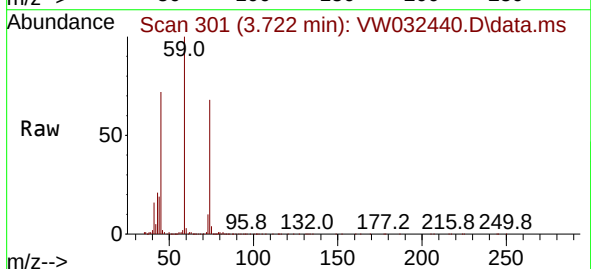
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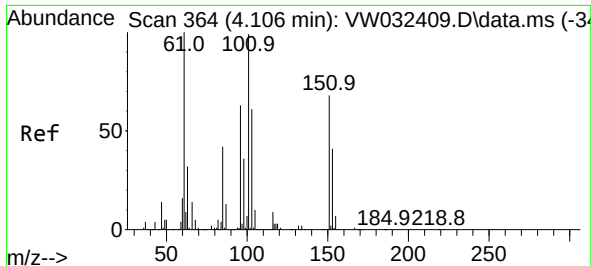
Tgt Ion: 74 Resp: 54443

Ion Ratio Lower Upper

74 100

45 104.2 51.8 155.4

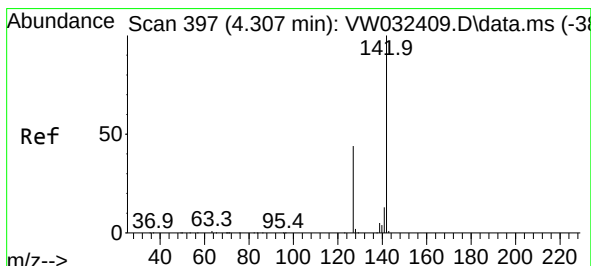
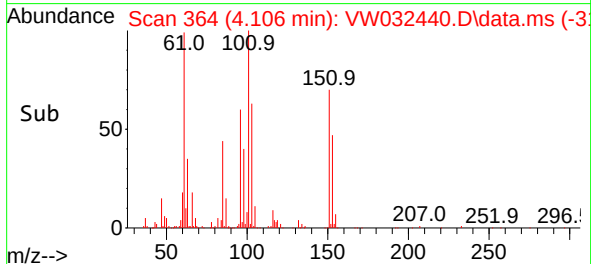
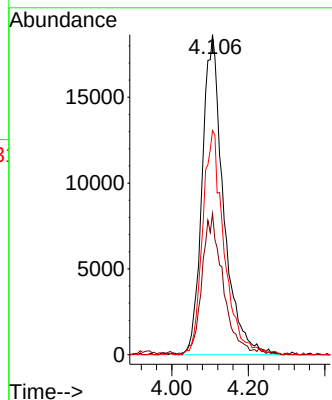
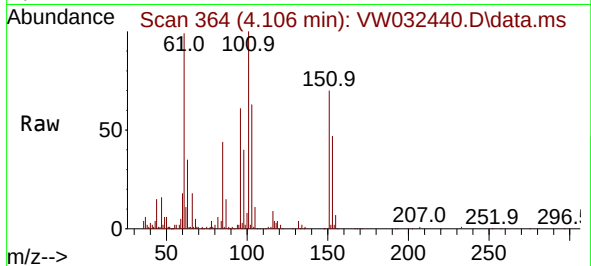




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.979 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

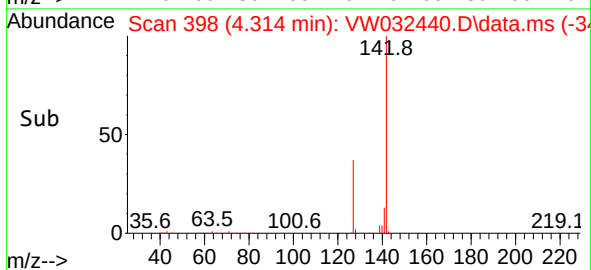
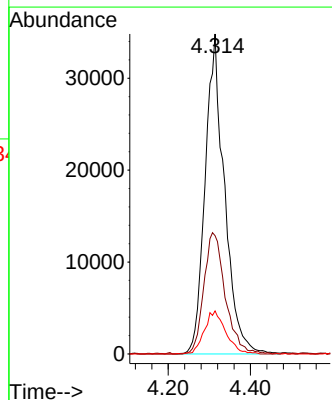
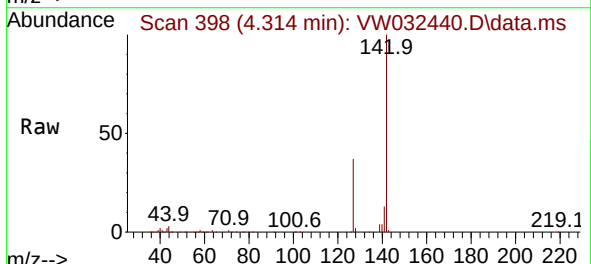
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

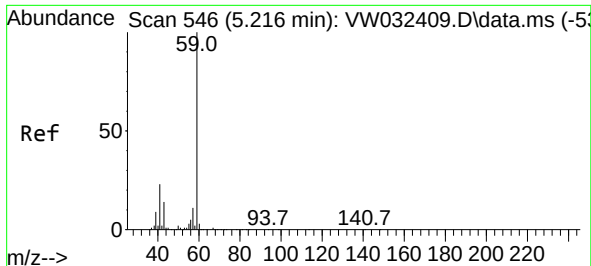
Tgt Ion:101 Resp: 72169
Ion Ratio Lower Upper
101 100
85 43.3 34.1 51.1
151 70.5 56.4 84.6



#10
Methyl Iodide
Concen: 20.541 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion:142 Resp: 113811
Ion Ratio Lower Upper
142 100
127 42.0 34.2 51.2
141 14.9 11.8 17.8

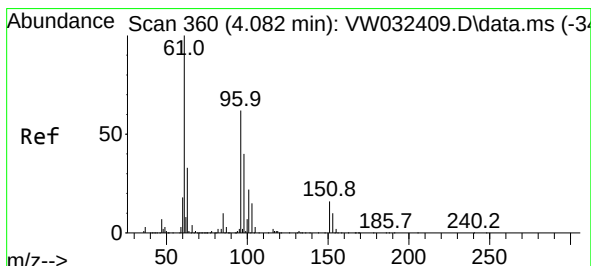
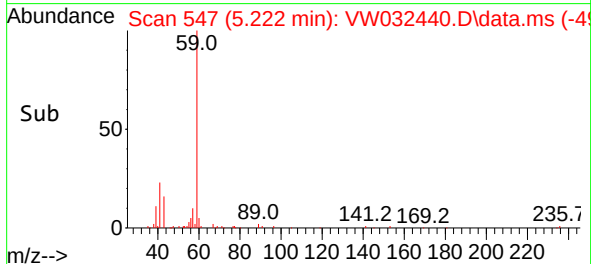
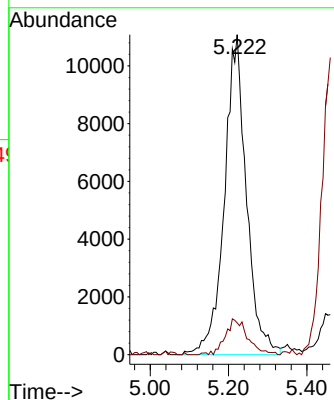
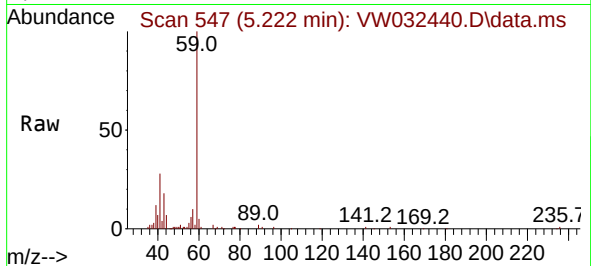




#11
Tert butyl alcohol
Concen: 105.813 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

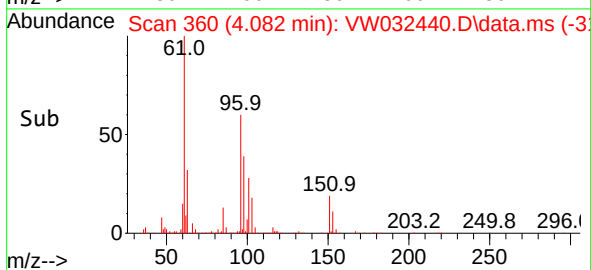
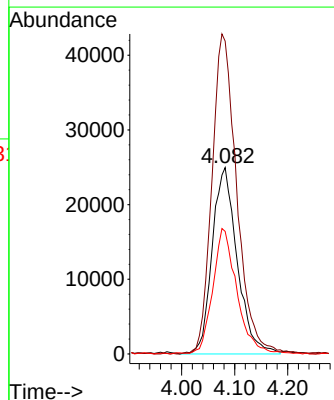
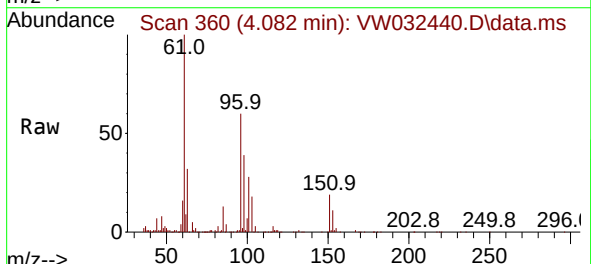
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

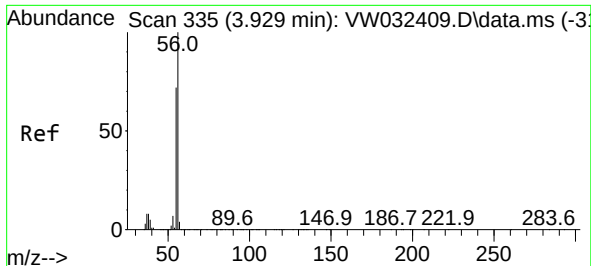
Tgt Ion: 59 Resp: 43291
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.738 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 96 Resp: 81805
Ion Ratio Lower Upper
96 100
61 167.8 129.0 193.6
98 65.2 51.1 76.7

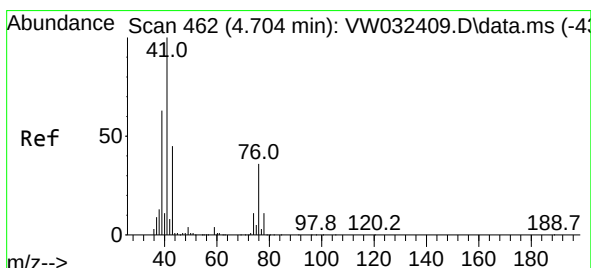
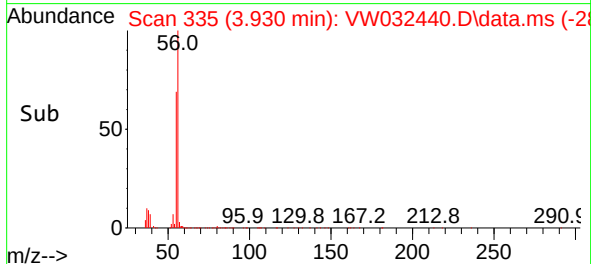
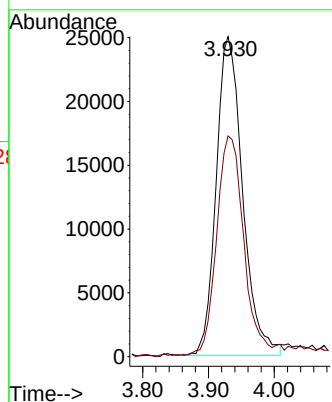
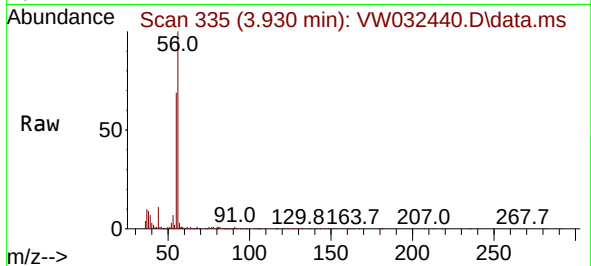




#13
Acrolein
Concen: 101.733 ug/l
RT: 3.930 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

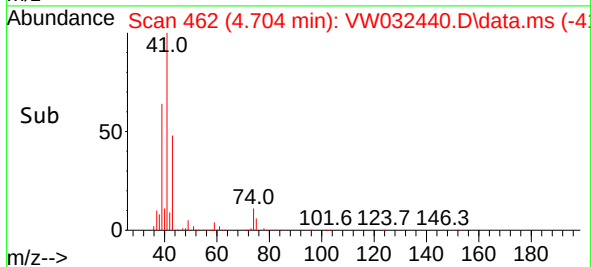
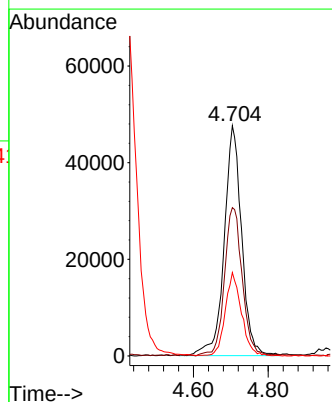
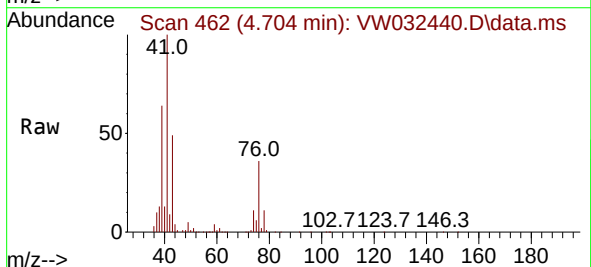
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

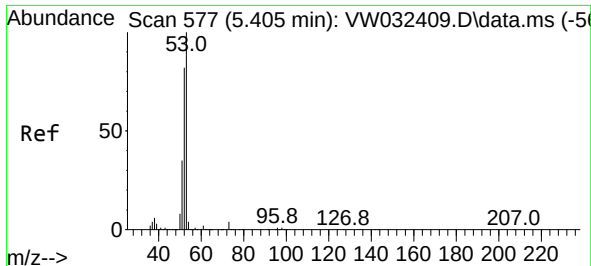
Tgt Ion: 56 Resp: 69833
Ion Ratio Lower Upper
56 100
55 70.2 56.3 84.5



#14
Allyl chloride
Concen: 20.404 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 41 Resp: 154782
Ion Ratio Lower Upper
41 100
39 65.5 50.2 75.2
76 33.0 27.0 40.6

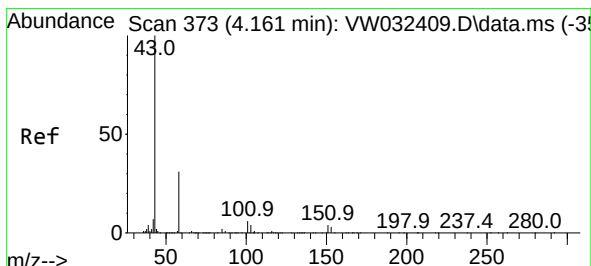
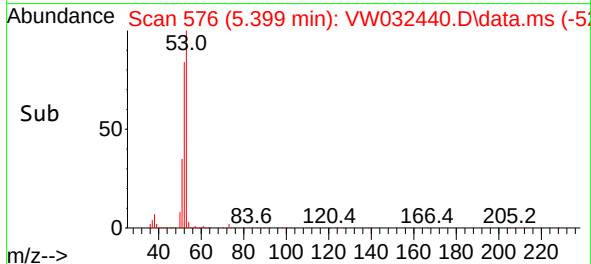
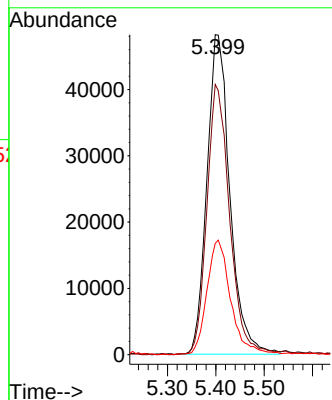
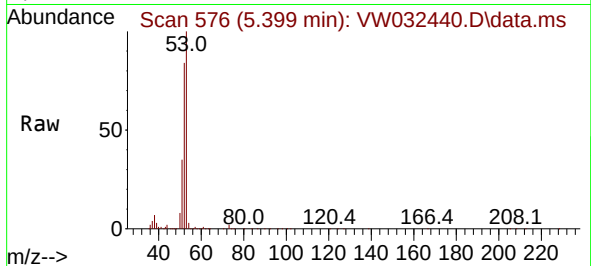




#15
Acrylonitrile
Concen: 106.795 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

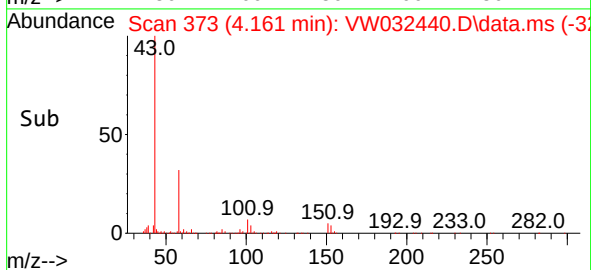
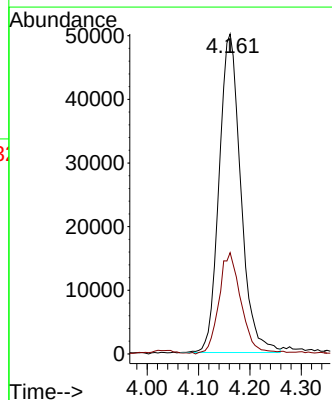
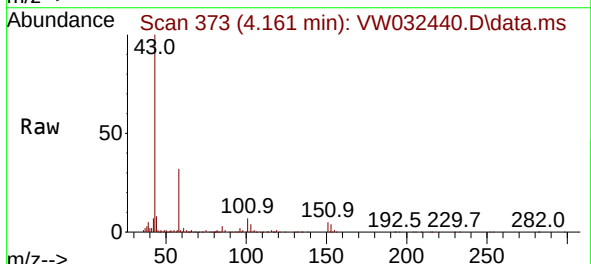
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

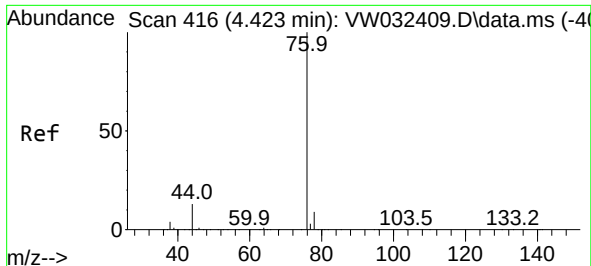
Tgt Ion:	53	Resp:	159428
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.4	99.6
51	37.2	28.6	43.0



#16
Acetone
Concen: 103.579 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion:	43	Resp:	146619
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.8	37.2

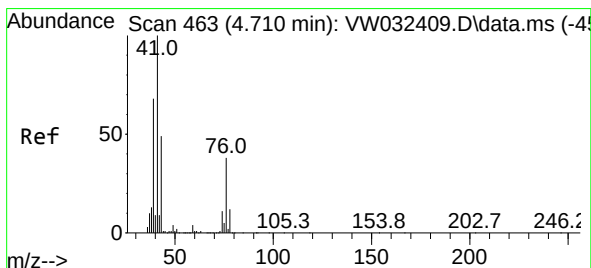
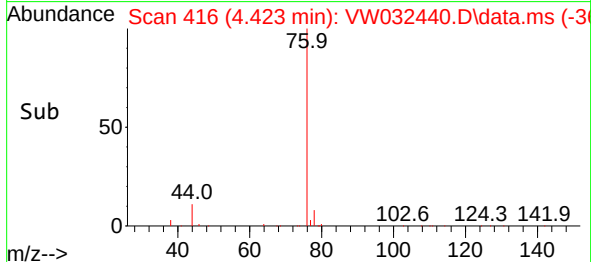
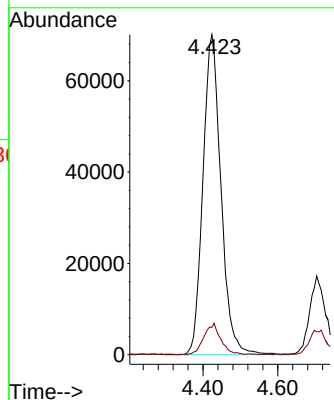
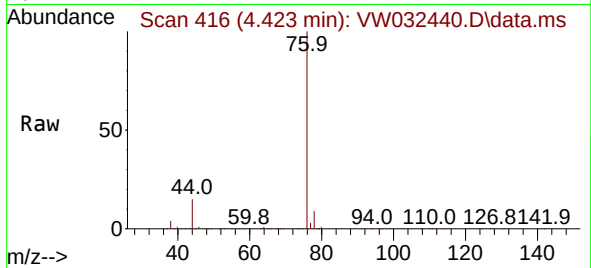




#17
Carbon Disulfide
Concen: 20.145 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

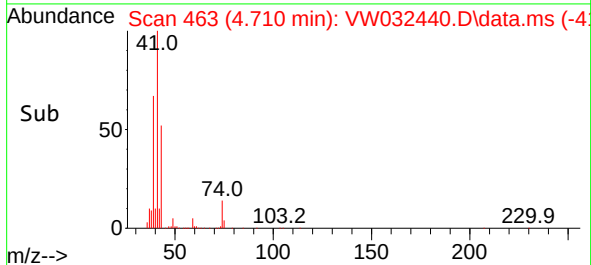
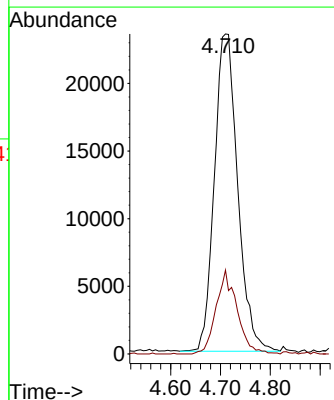
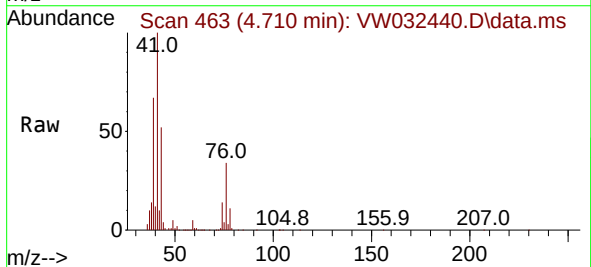
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

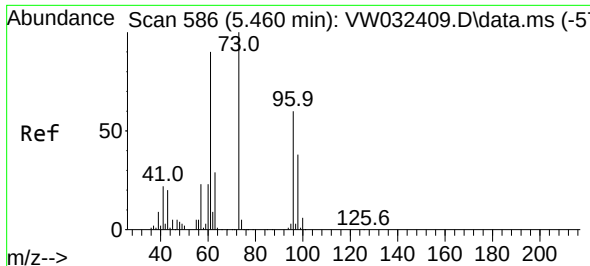
Tgt Ion: 76 Resp: 234867
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 21.716 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 43 Resp: 76122
Ion Ratio Lower Upper
43 100
74 23.8 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 20.006 ug/l

RT: 5.466 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

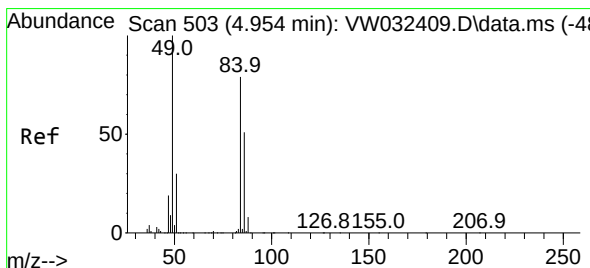
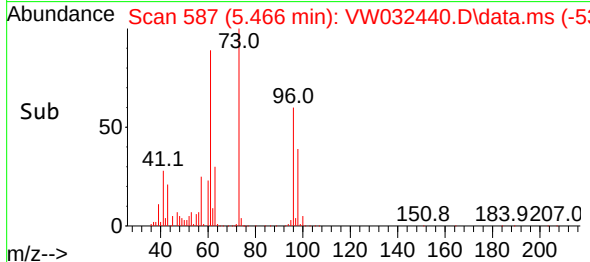
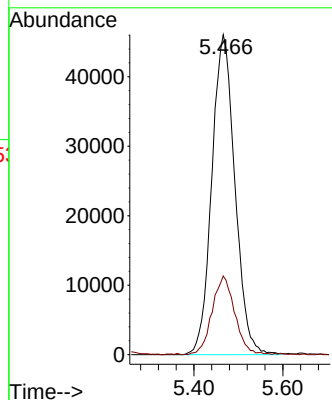
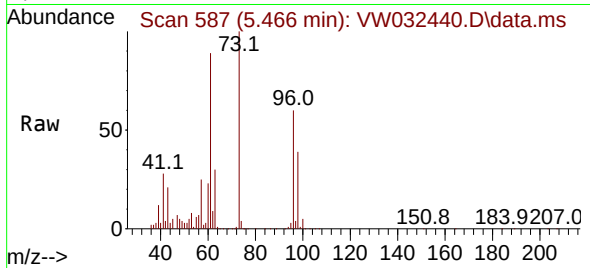
VW1112SBSD01

Tgt Ion: 73 Resp: 166357

Ion Ratio Lower Upper

73 100

57 24.5 18.3 27.5



#20

Methylene Chloride

Concen: 21.992 ug/l

RT: 4.960 min Scan# 504

Delta R.T. 0.006 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Tgt Ion: 84 Resp: 111327

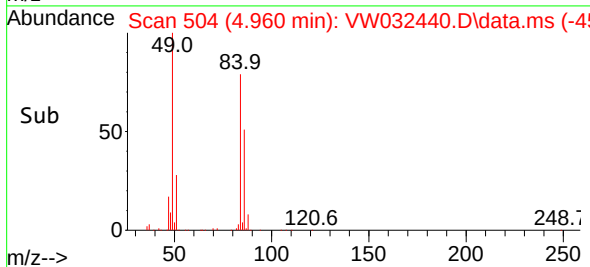
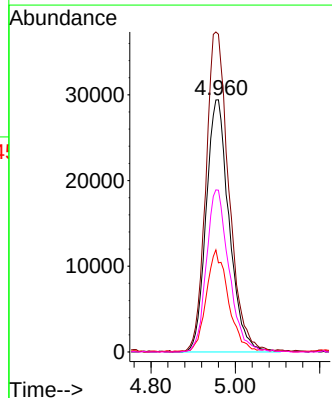
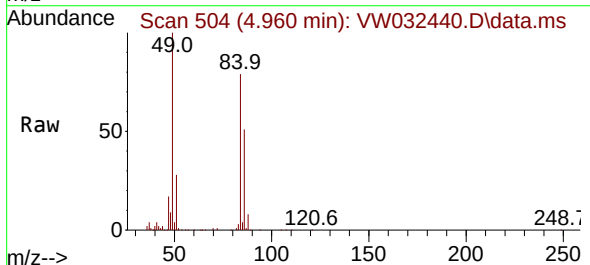
Ion Ratio Lower Upper

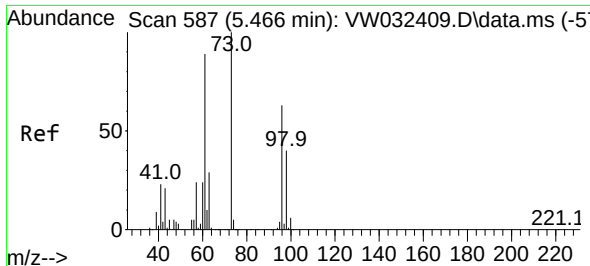
84 100

49 125.8 101.5 152.3

51 35.0 30.6 46.0

86 64.1 51.9 77.9

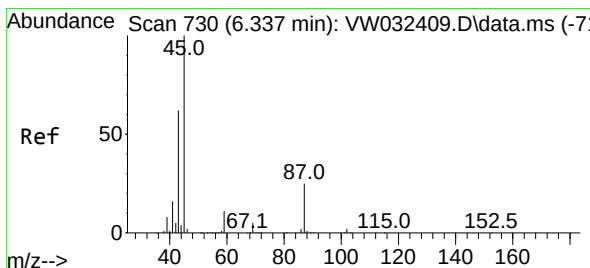
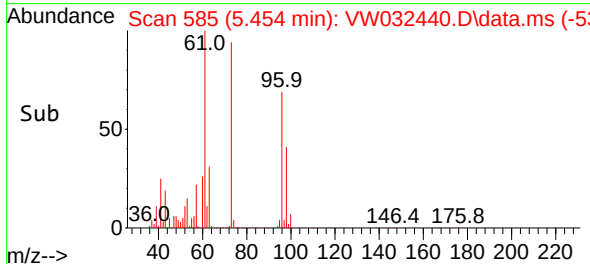
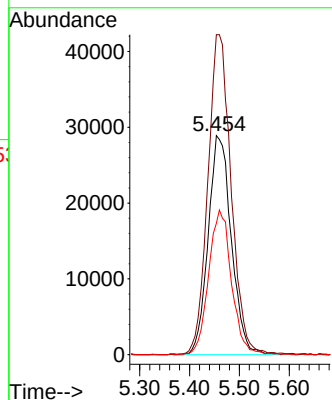
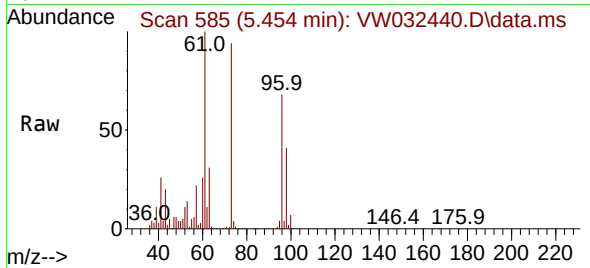




#21
trans-1,2-Dichloroethene
Concen: 20.689 ug/l
RT: 5.454 min Scan# 587
Delta R.T. -0.012 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

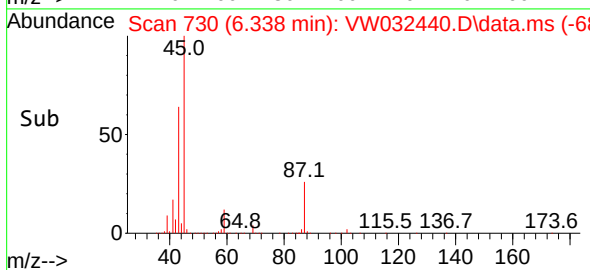
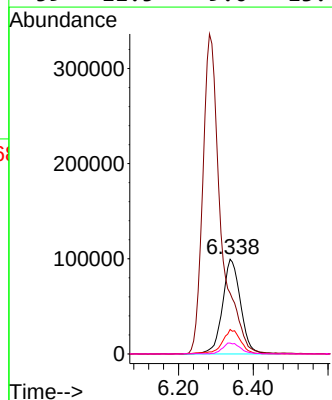
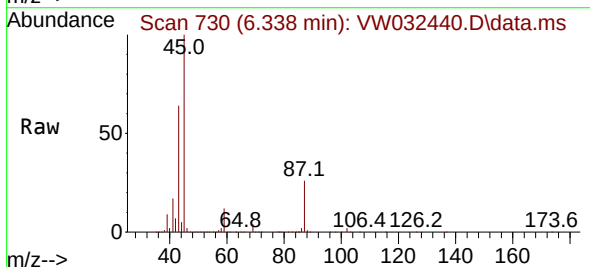
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

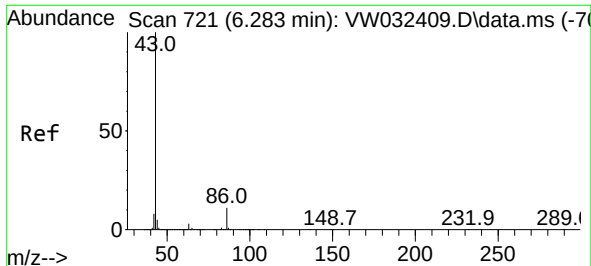
Tgt Ion: 96 Resp: 93319
Ion Ratio Lower Upper
96 100
61 145.7 112.5 168.7
98 59.7 51.1 76.7



#22
Diisopropyl ether
Concen: 21.598 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 45 Resp: 333574
Ion Ratio Lower Upper
45 100
43 64.1 49.4 74.2
87 25.8 20.1 30.1
59 11.5 9.0 13.4

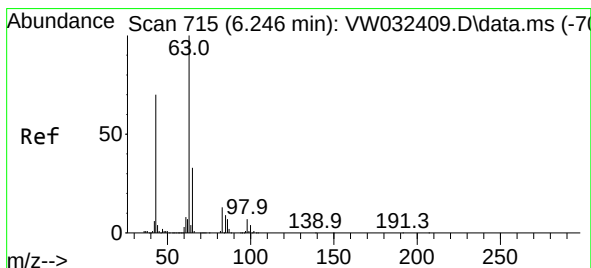
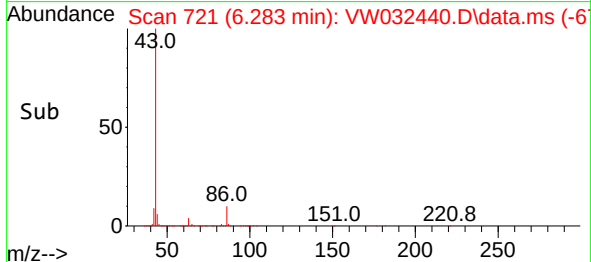
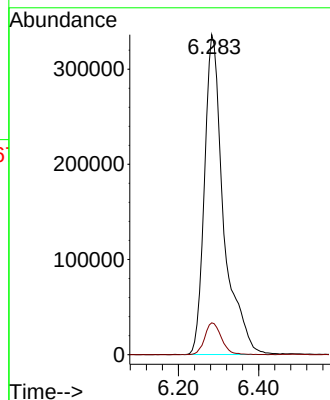
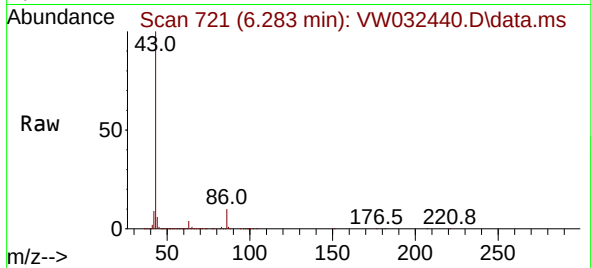




#23
 Vinyl Acetate
 Concen: 105.479 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

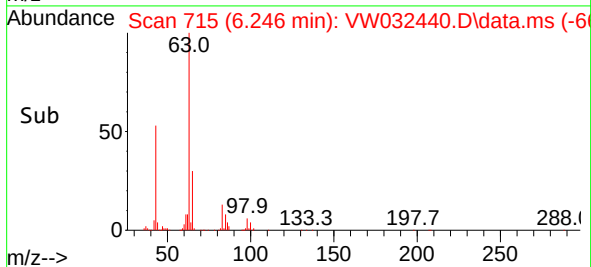
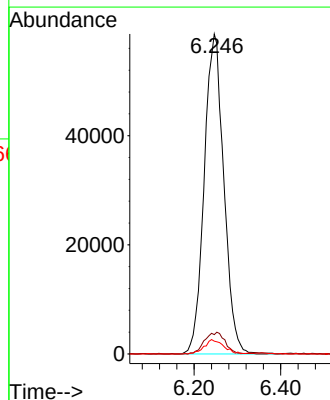
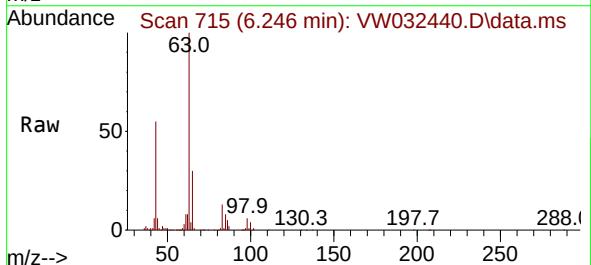
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

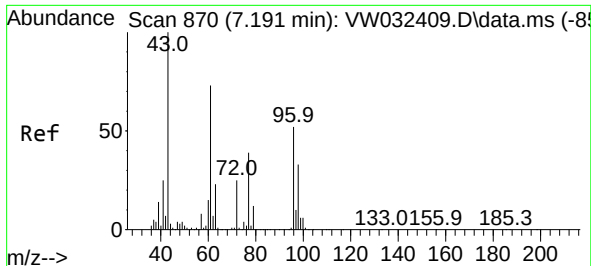
Tgt Ion: 43 Resp: 1116159
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.785 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

Tgt Ion: 63 Resp: 184343
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.8
 100 4.0 2.3 6.8

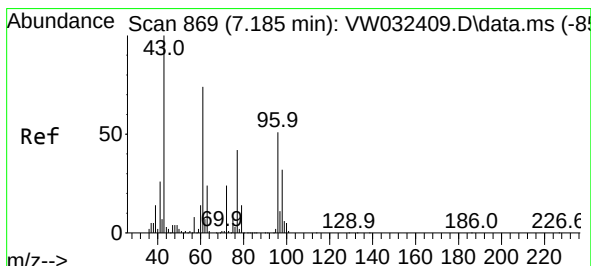
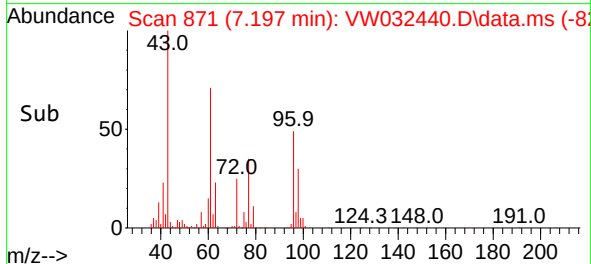
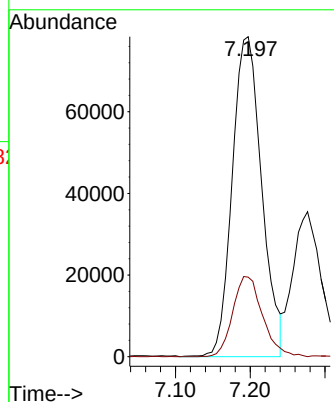
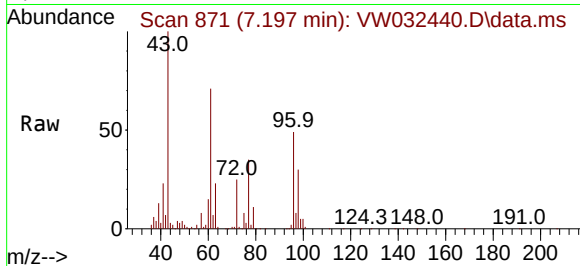




#25
2-Butanone
Concen: 102.892 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

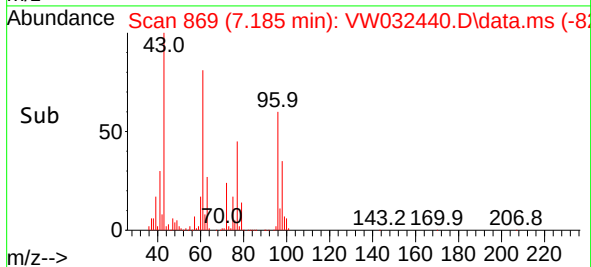
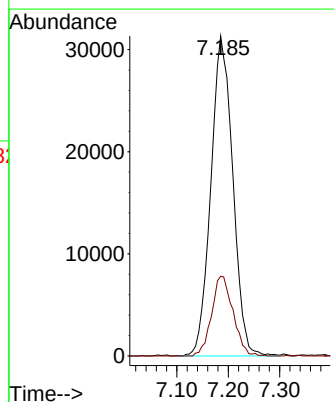
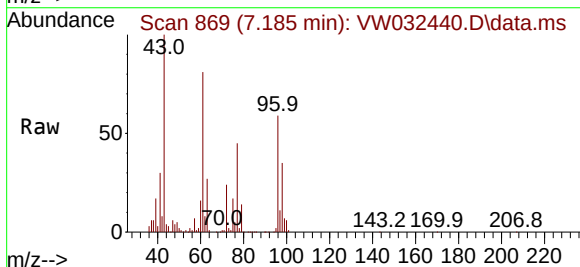
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

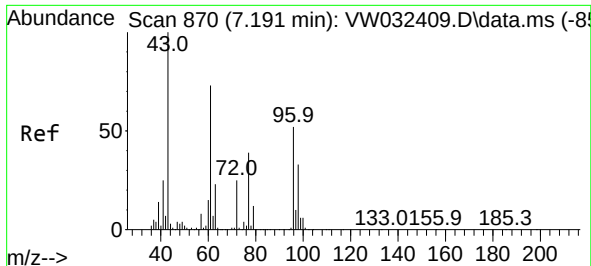
Tgt Ion: 43 Resp: 214574
Ion Ratio Lower Upper
43 100
72 24.9 20.0 30.0



#26
2,2-Dichloropropane
Concen: 19.706 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 77 Resp: 92933
Ion Ratio Lower Upper
77 100
97 24.3 12.3 36.8

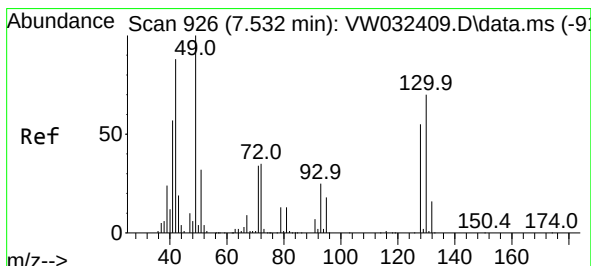
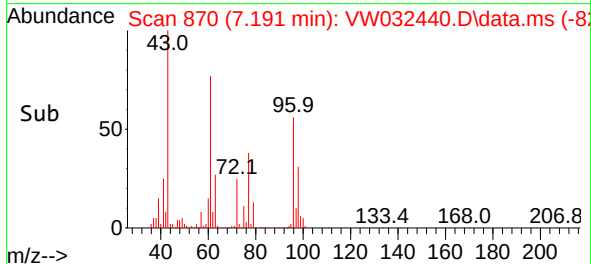
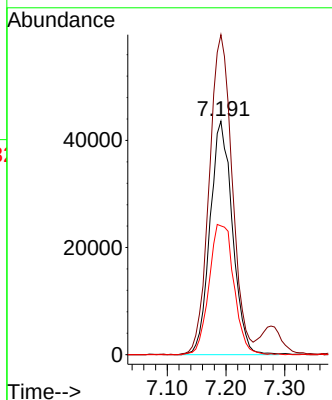
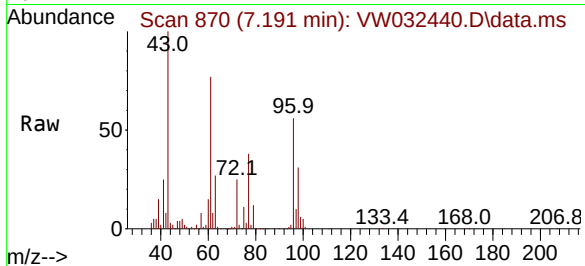




#27
 cis-1,2-Dichloroethene
 Concen: 21.444 ug/l
 RT: 7.191 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

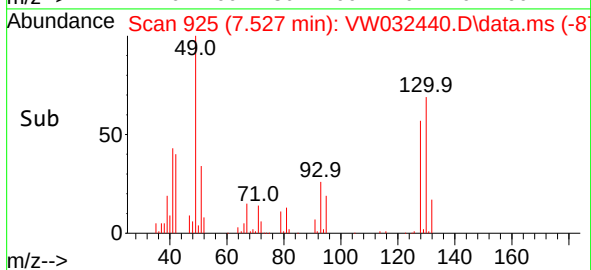
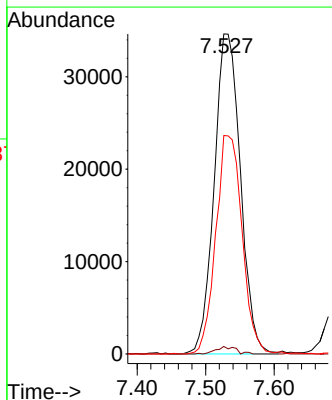
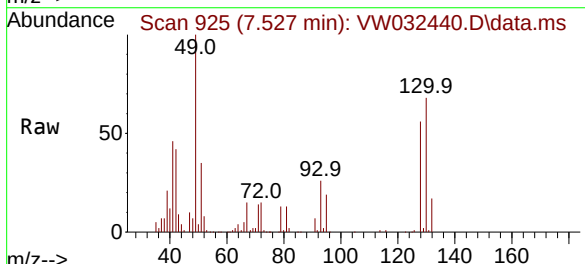
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

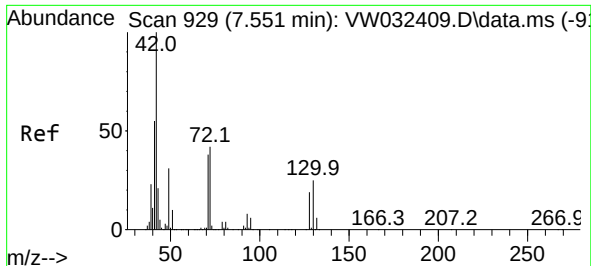
Tgt Ion: 96 Resp: 115570
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 282.6
 98 61.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 23.021 ug/l
 RT: 7.527 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

Tgt Ion: 49 Resp: 92070
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 68.6 56.9 85.3





#29

Tetrahydrofuran

Concen: 107.444 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

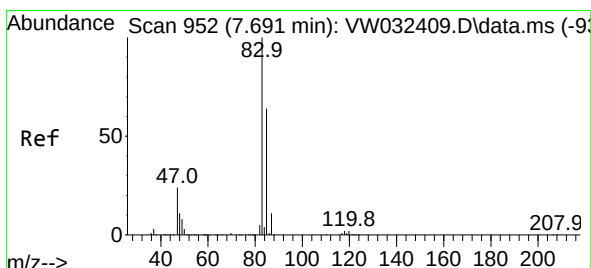
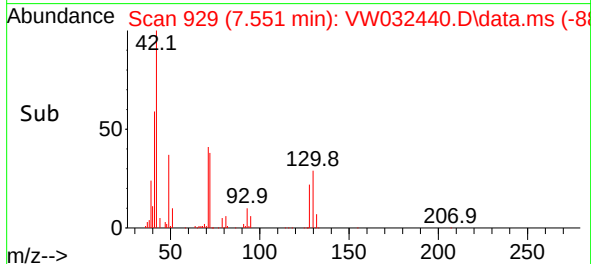
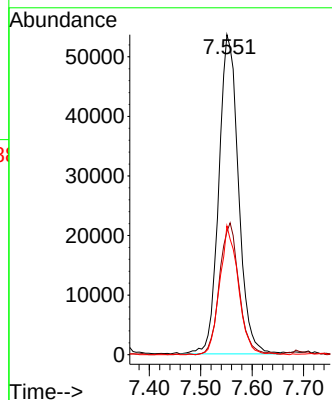
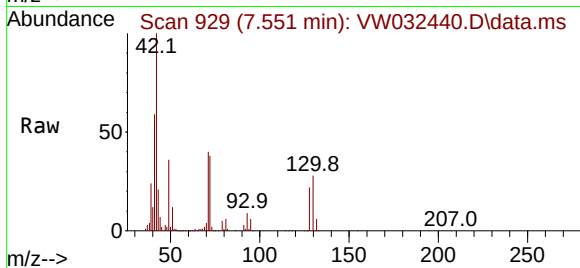
Tgt Ion: 42 Resp: 142216

Ion Ratio Lower Upper

42 100

72 41.1 33.6 50.4

71 38.2 31.4 47.0



#30

Chloroform

Concen: 22.028 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032440.D

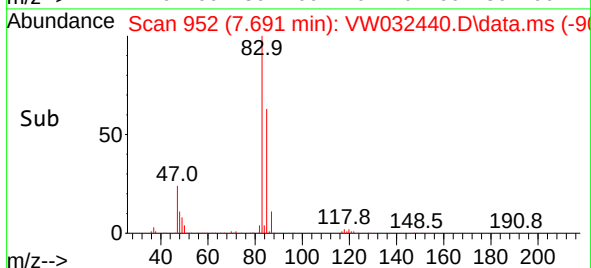
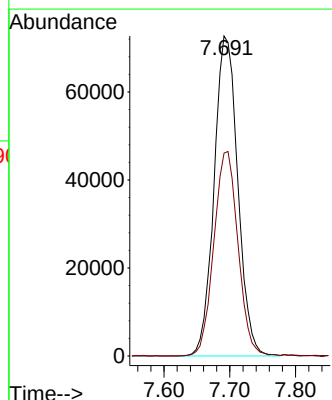
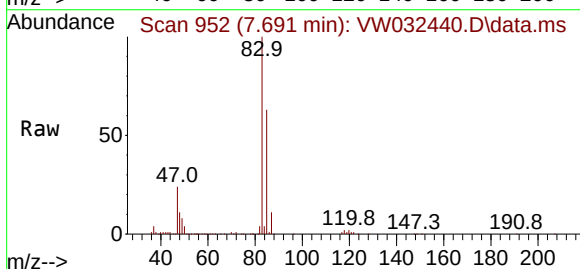
Acq: 12 Nov 2025 15:19

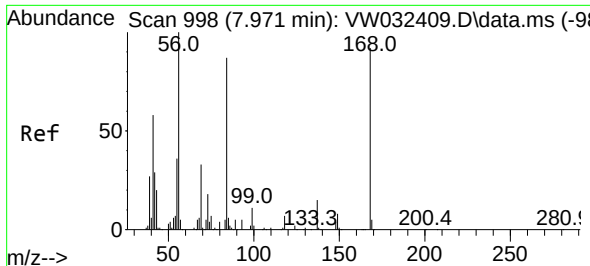
Tgt Ion: 83 Resp: 182479

Ion Ratio Lower Upper

83 100

85 63.3 51.0 76.4

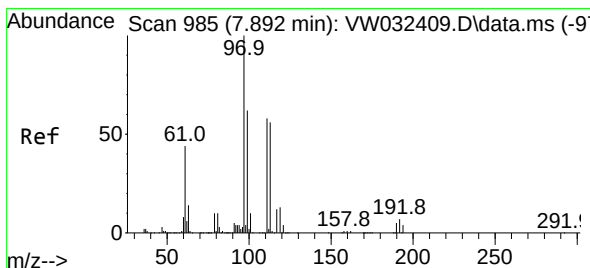
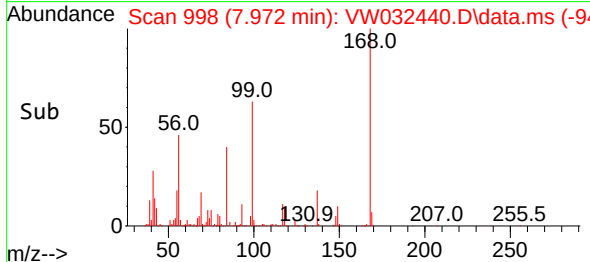
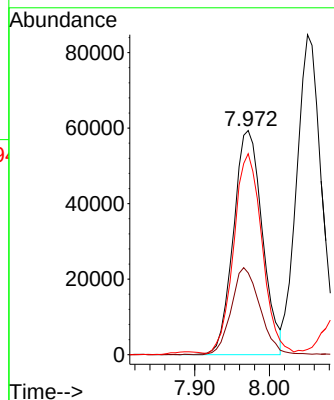
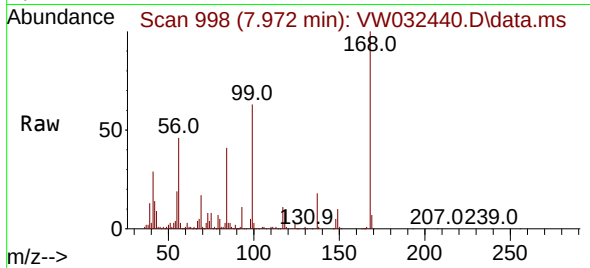




#31
Cyclohexane
Concen: 20.395 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

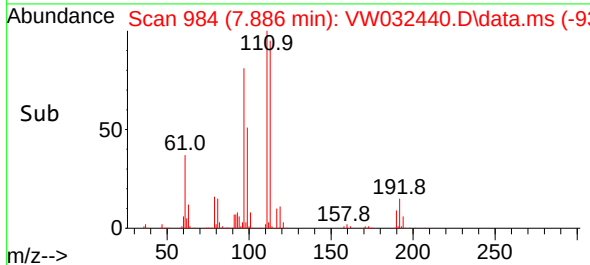
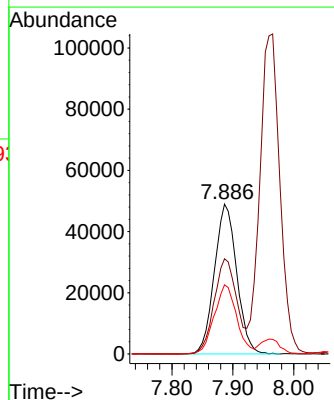
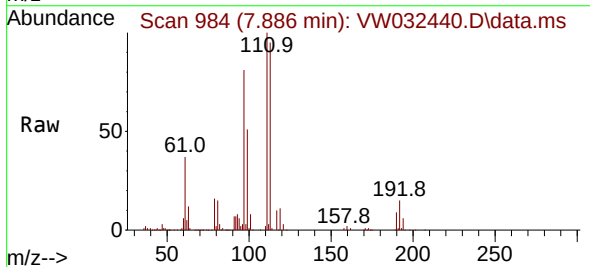
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

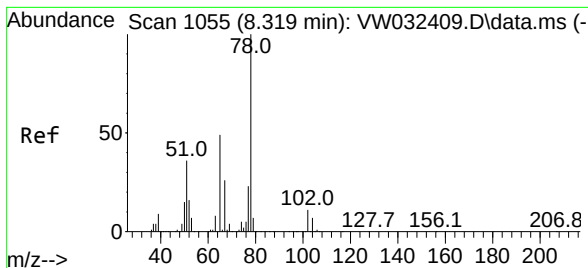
Tgt Ion: 56 Resp: 159644
Ion Ratio Lower Upper
56 100
69 36.5 26.5 39.7
84 88.5 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 21.053 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 97 Resp: 124588
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 46.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 56.288 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

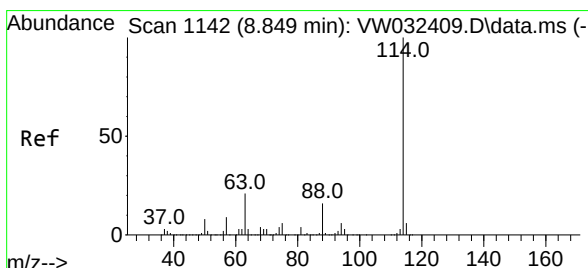
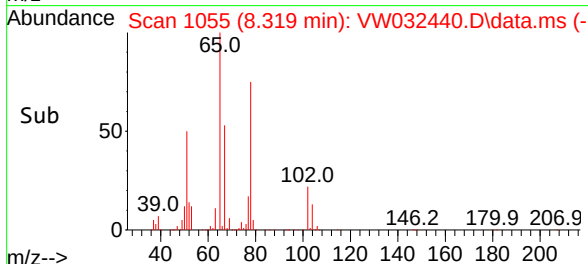
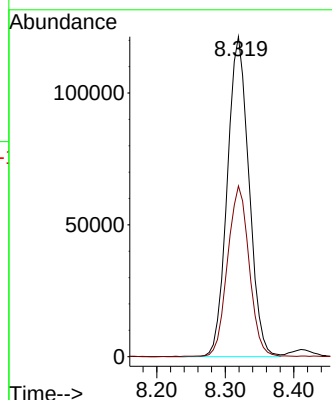
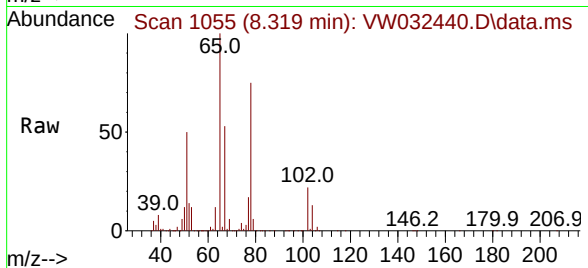
VW1112SBSD01

Tgt Ion: 65 Resp: 266324

Ion Ratio Lower Upper

65 100

67 53.2 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: VW032440.D

Acq: 12 Nov 2025 15:19

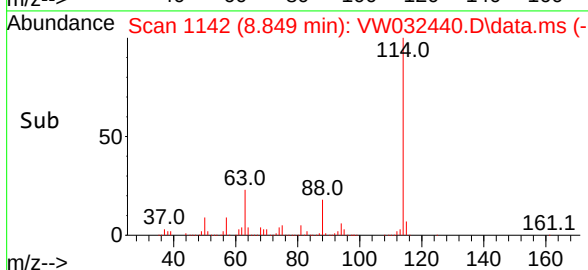
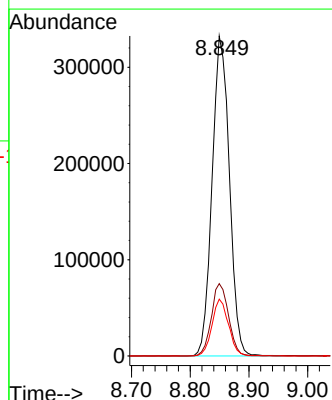
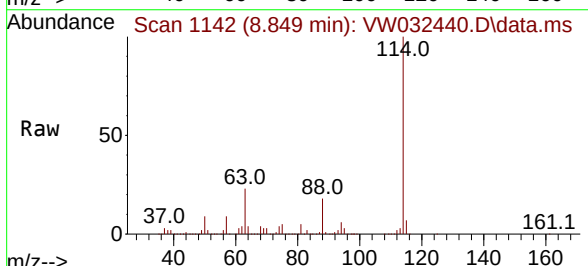
Tgt Ion: 114 Resp: 679219

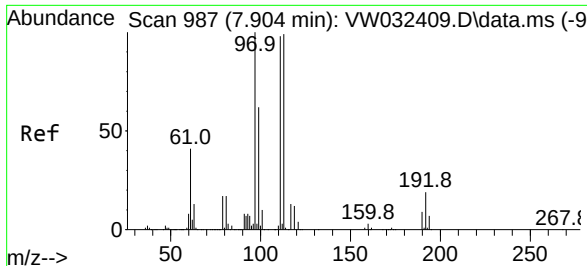
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 17.7 0.0 32.6

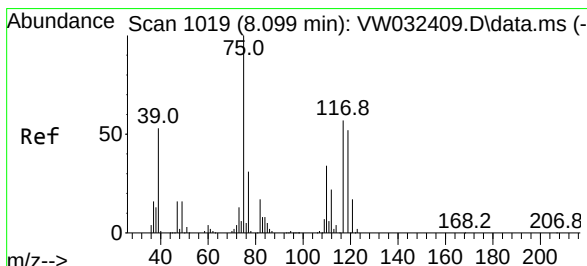
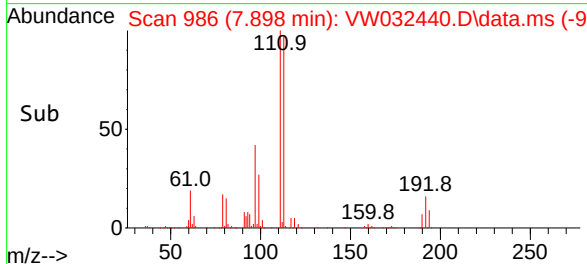
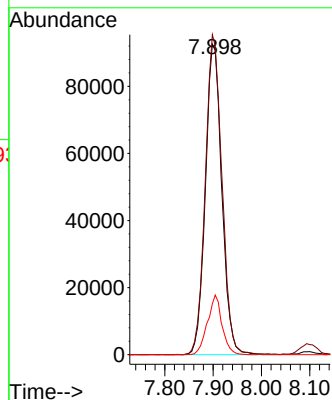
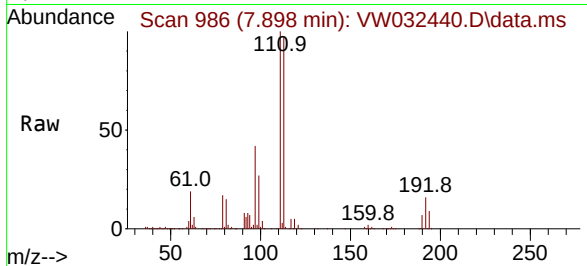




#35
 Dibromofluoromethane
 Concen: 53.711 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

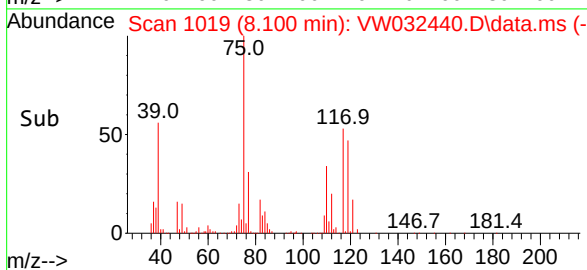
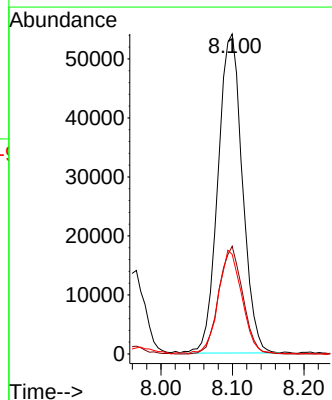
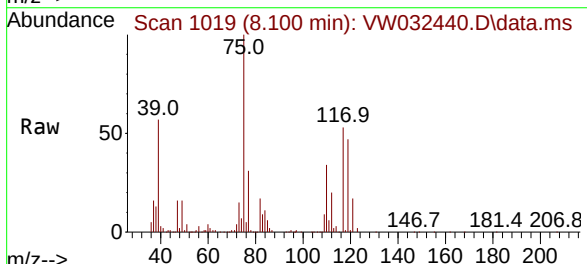
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

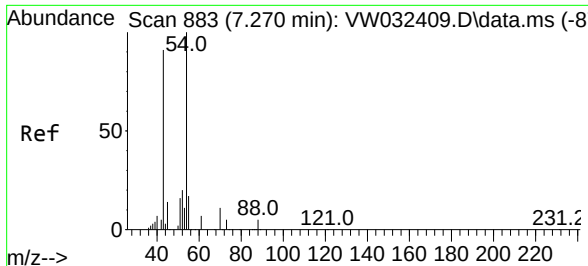
Tgt Ion:113 Resp: 218425
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.1 124.7
 192 17.1 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 21.395 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

Tgt Ion: 75 Resp: 128194
 Ion Ratio Lower Upper
 75 100
 110 33.0 17.2 51.5
 77 32.0 24.5 36.7

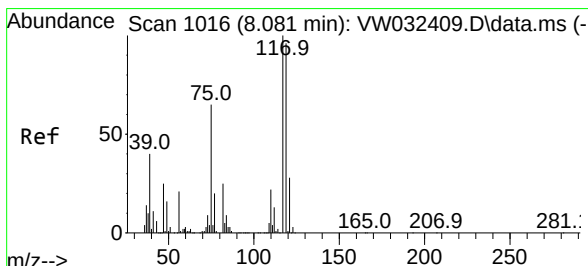
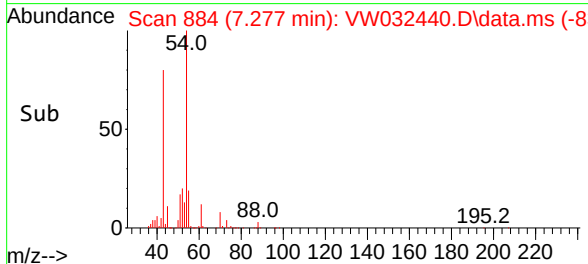
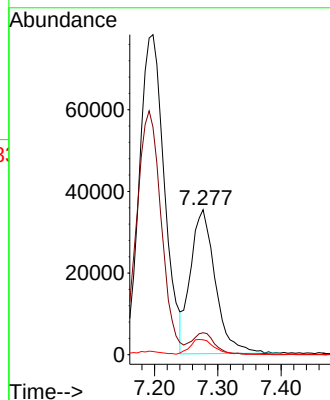
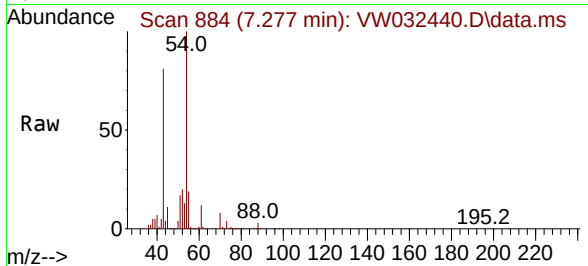




#37
Ethyl Acetate
Concen: 21.636 ug/l
RT: 7.277 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

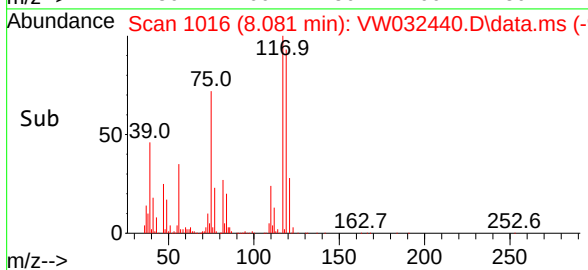
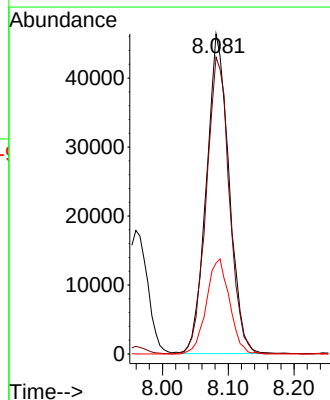
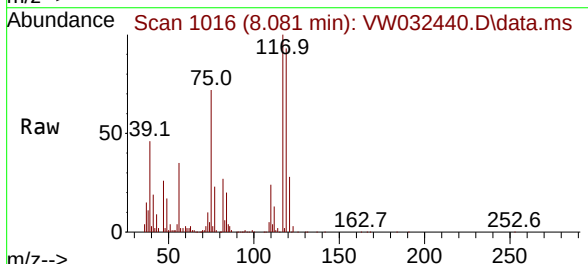
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

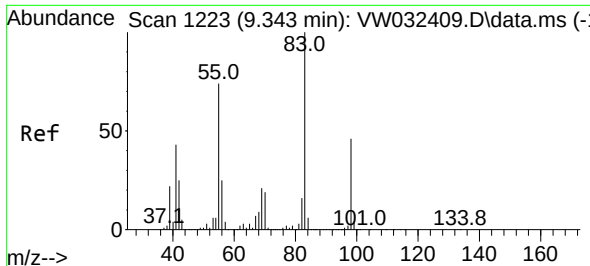
Tgt Ion: 43 Resp: 96397
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 10.8 8.3 12.5



#38
Carbon Tetrachloride
Concen: 20.858 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 117 Resp: 111045
Ion Ratio Lower Upper
117 100
119 92.7 77.0 115.4
121 28.5 22.0 33.0

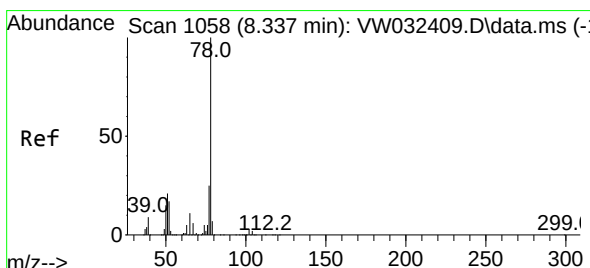
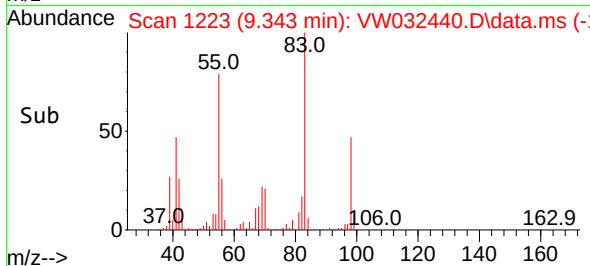
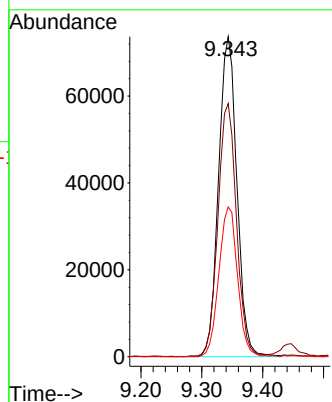
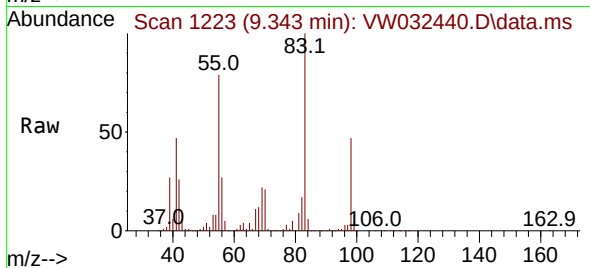




#39
Methylcyclohexane
Concen: 19.854 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

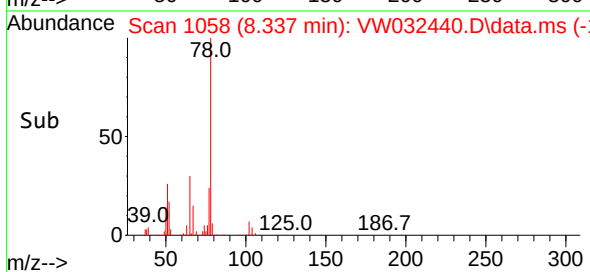
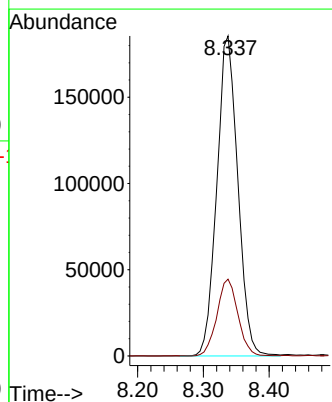
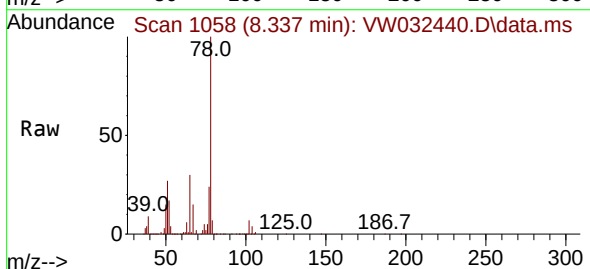
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

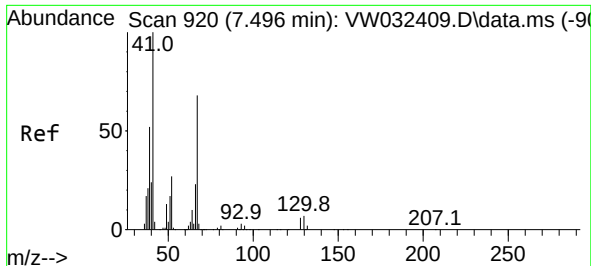
Tgt Ion: 83 Resp: 154110
Ion Ratio Lower Upper
83 100
55 79.0 59.2 88.8
98 46.8 36.6 54.8



#40
Benzene
Concen: 21.345 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 78 Resp: 411866
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4

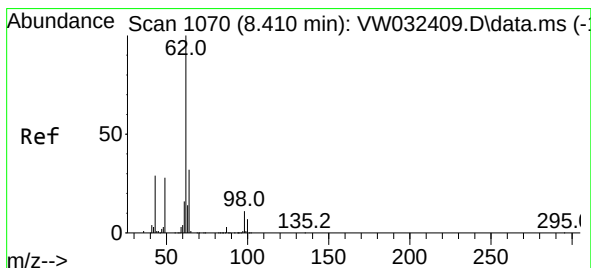
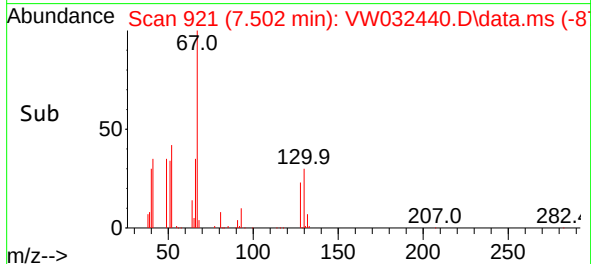
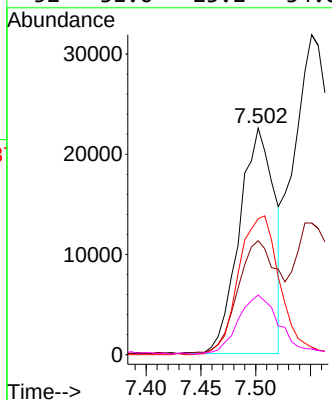
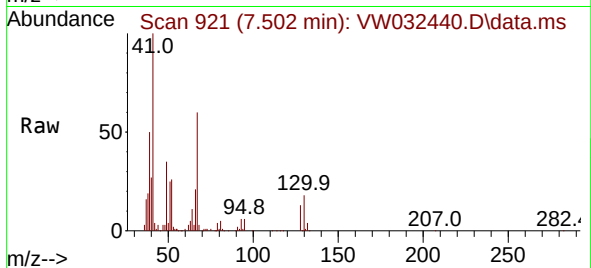




#41
Methacrylonitrile
Concen: 20.461 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

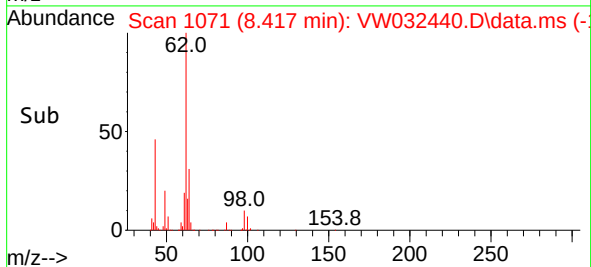
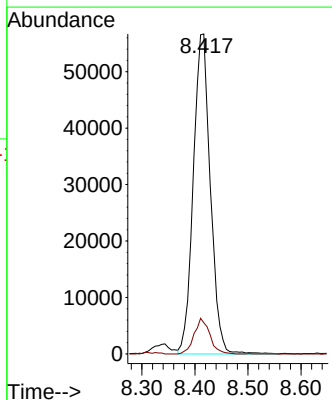
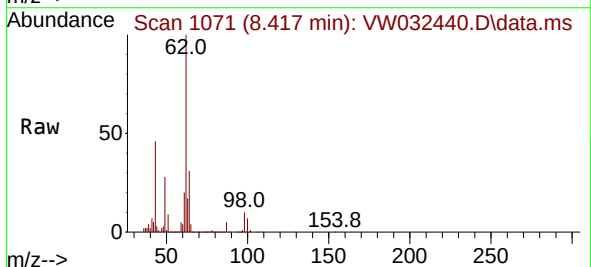
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

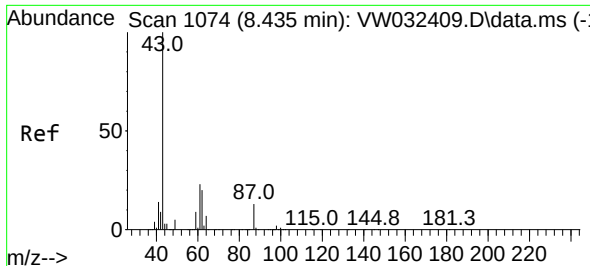
Tgt Ion:	41	Resp:	50078
Ion	Ratio	Lower	Upper
41	100		
39	58.1	44.6	66.8
67	72.8	57.6	86.4
52	31.6	23.2	34.8



#42
1,2-Dichloroethane
Concen: 22.340 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion:	62	Resp:	126618
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

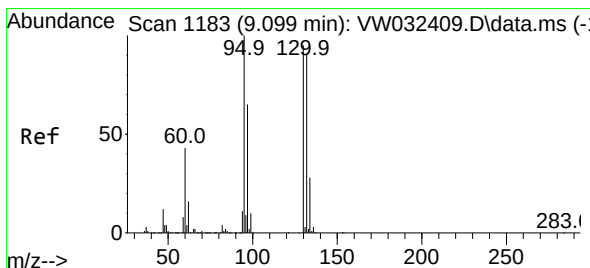
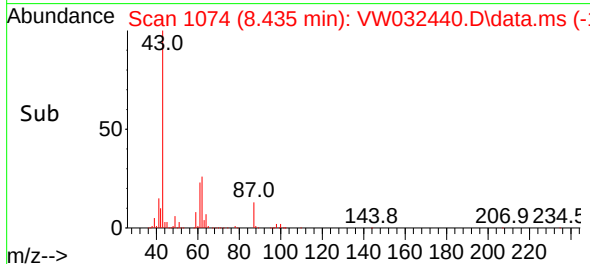
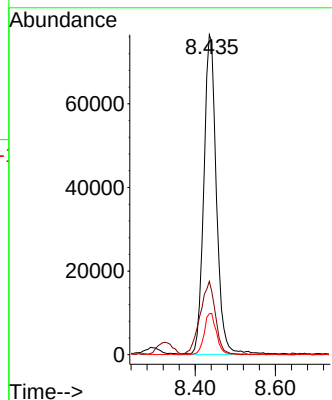
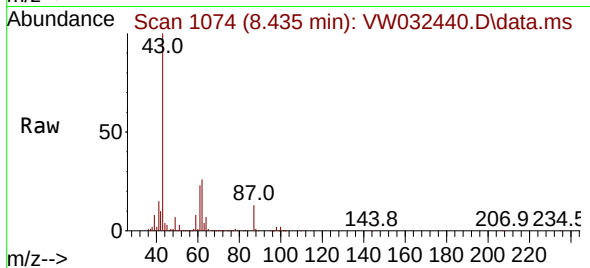




#43
Isopropyl Acetate
Concen: 21.115 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

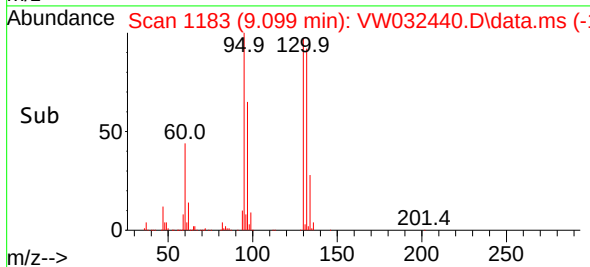
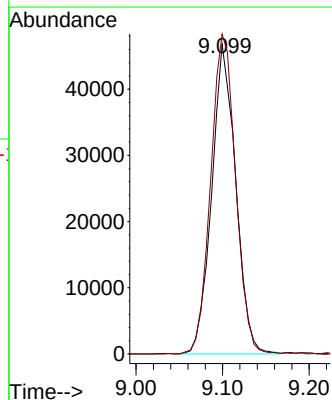
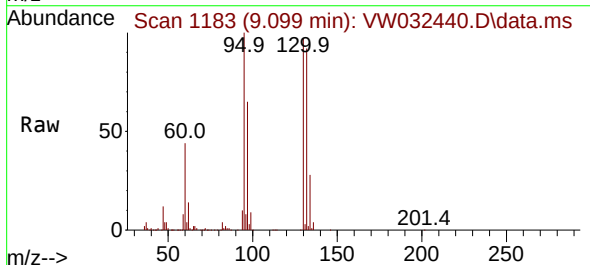
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

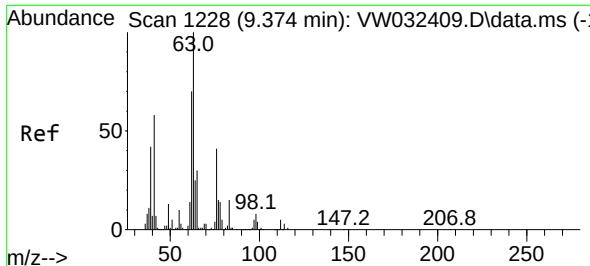
Tgt Ion: 43 Resp: 166584
Ion Ratio Lower Upper
43 100
61 27.9 22.6 33.8
87 12.6 10.6 15.8



#44
Trichloroethene
Concen: 20.056 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion:130 Resp: 90053
Ion Ratio Lower Upper
130 100
95 103.2 0.0 209.6

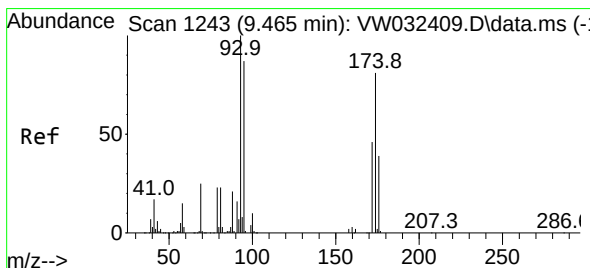
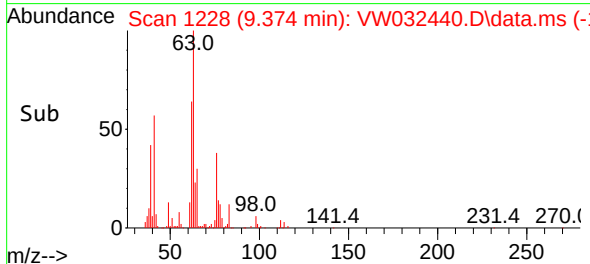
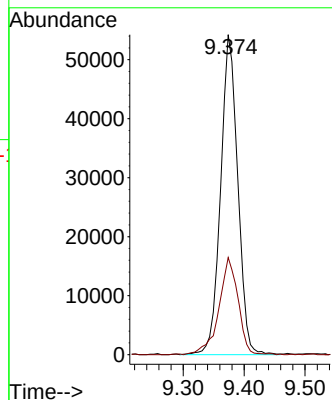
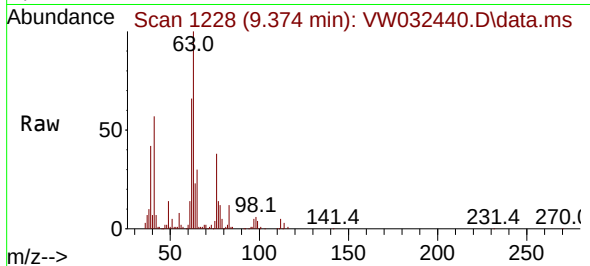




#45
1,2-Dichloropropane
Concen: 22.059 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

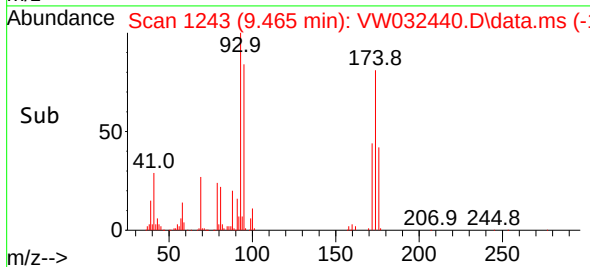
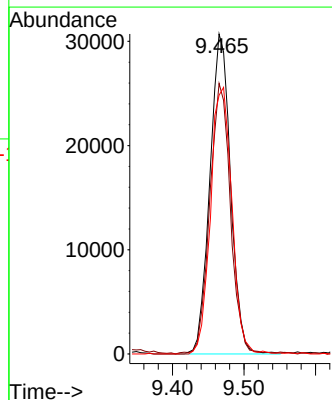
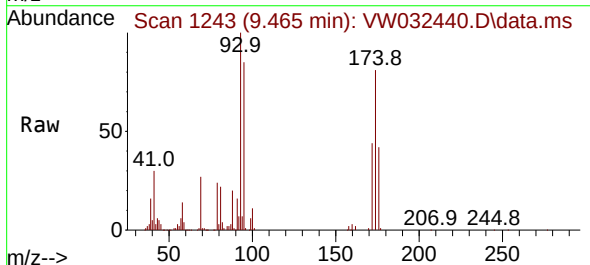
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

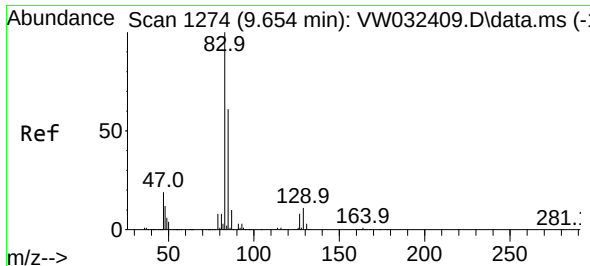
Tgt Ion: 63 Resp: 105986
Ion Ratio Lower Upper
63 100
65 30.2 24.4 36.6



#46
Dibromomethane
Concen: 21.970 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 93 Resp: 61685
Ion Ratio Lower Upper
93 100
95 84.7 67.1 100.7
174 85.8 68.2 102.4

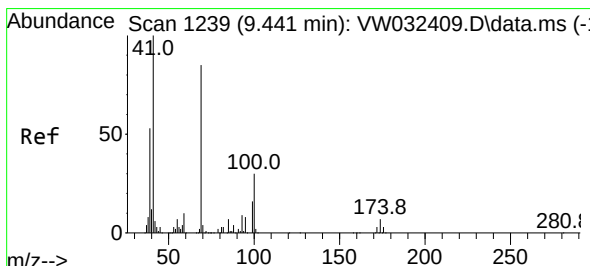
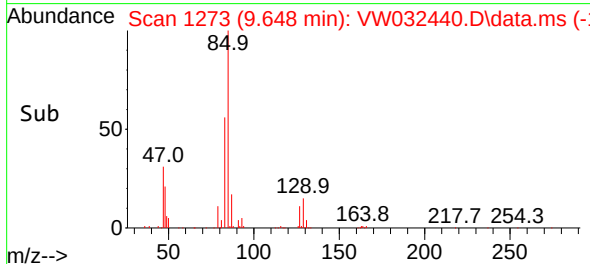
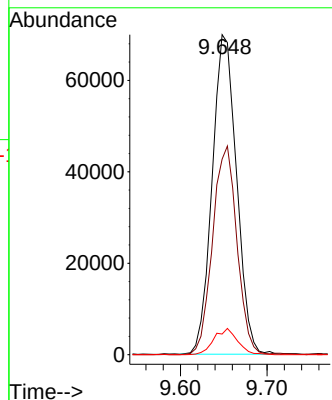
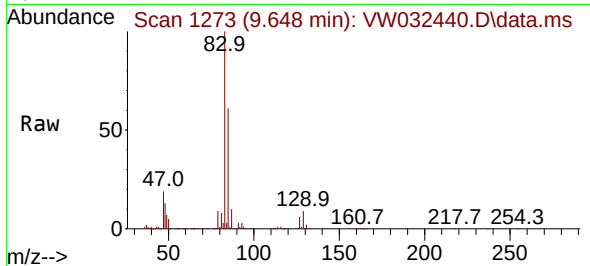




#47
 Bromodichloromethane
 Concen: 21.387 ug/l
 RT: 9.648 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

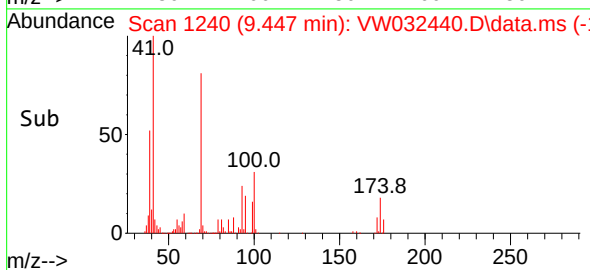
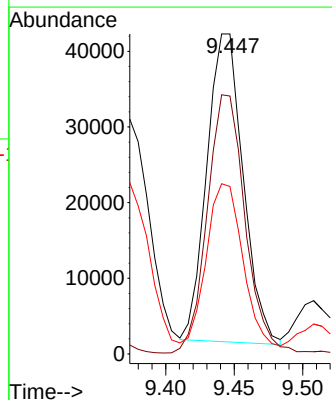
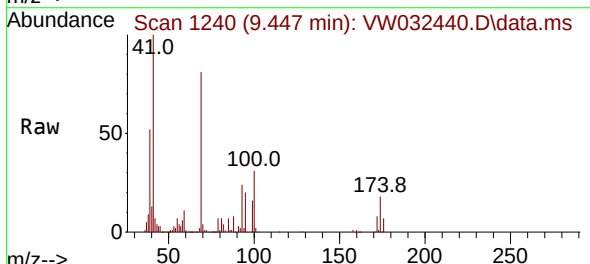
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

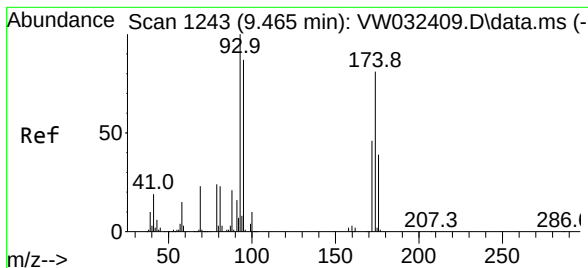
Tgt Ion: 83 Resp: 136978
 Ion Ratio Lower Upper
 83 100
 85 61.2 48.7 73.1
 127 6.5 6.3 9.5



#48
 Methyl methacrylate
 Concen: 19.969 ug/l
 RT: 9.447 min Scan# 1240
 Delta R.T. 0.006 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

Tgt Ion: 41 Resp: 74863
 Ion Ratio Lower Upper
 41 100
 69 88.2 65.8 98.6
 39 52.6 38.6 57.8





#49

1,4-Dioxane

Concen: 447.038 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

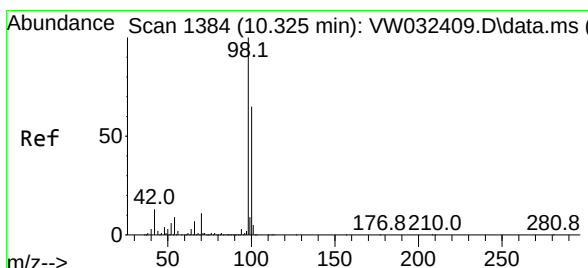
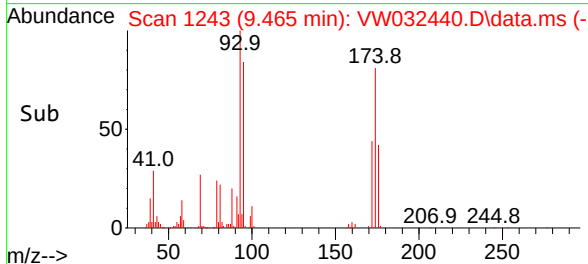
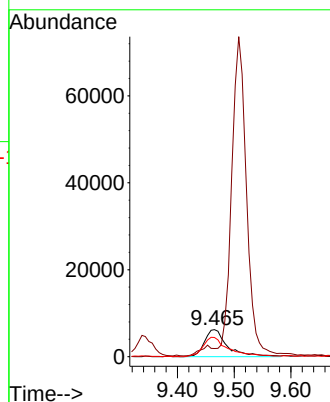
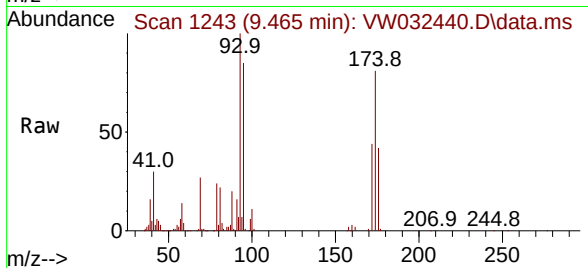
Tgt Ion: 88 Resp: 17583

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 79.8 63.0 94.4



#50

Toluene-d8

Concen: 53.995 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032440.D

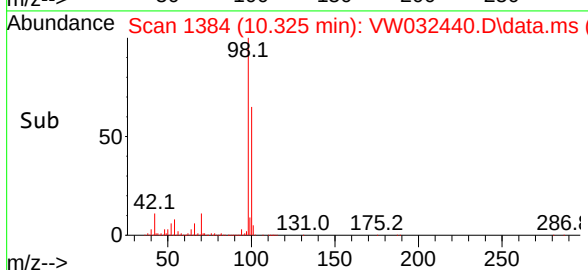
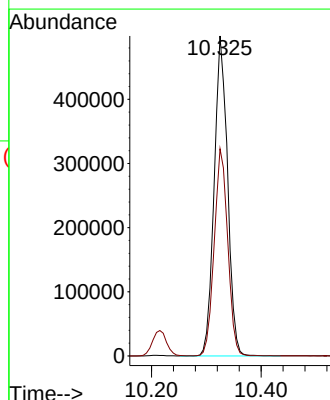
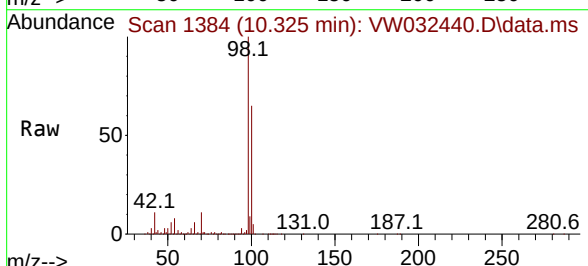
Acq: 12 Nov 2025 15:19

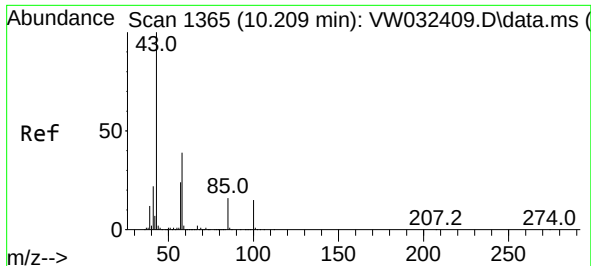
Tgt Ion: 98 Resp: 842384

Ion Ratio Lower Upper

98 100

100 65.5 53.3 79.9

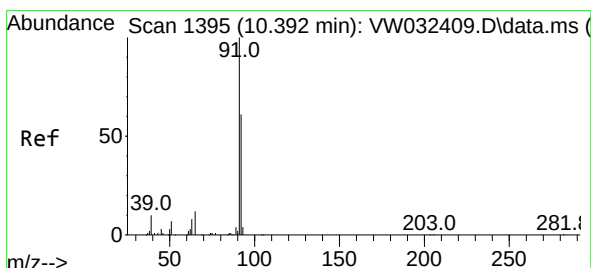
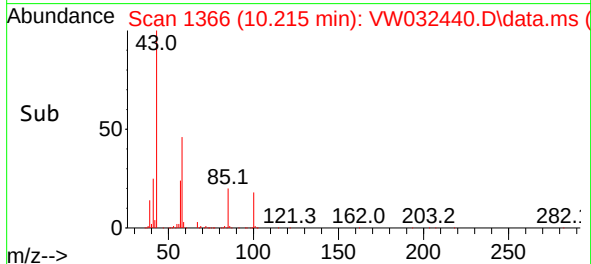
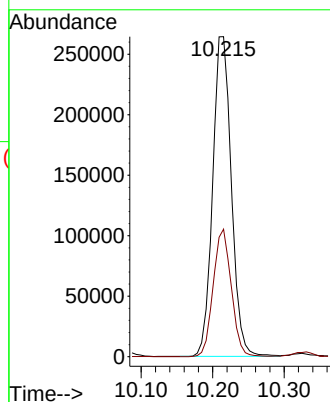
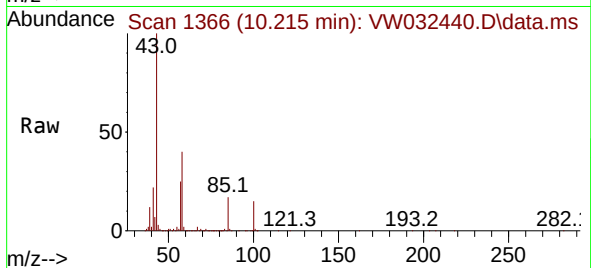




#51
4-Methyl-2-Pentanone
Concen: 110.040 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

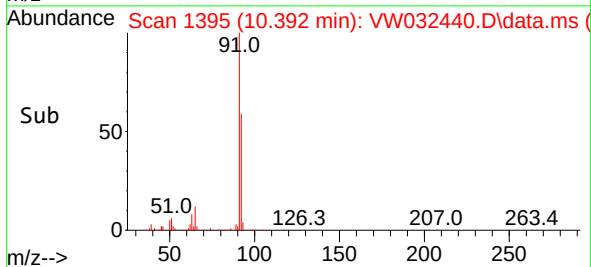
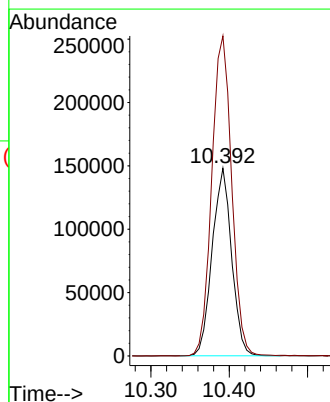
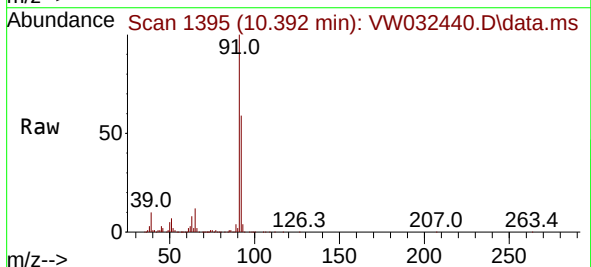
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

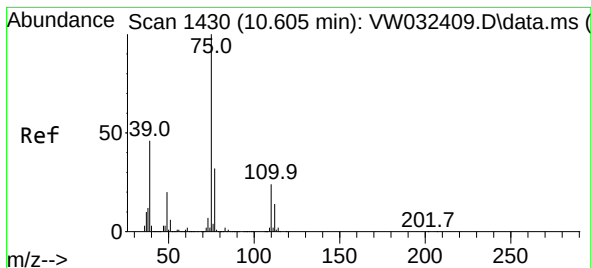
Tgt Ion: 43 Resp: 479928
Ion Ratio Lower Upper
43 100
58 38.6 31.4 47.2



#52
Toluene
Concen: 21.399 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 92 Resp: 255050
Ion Ratio Lower Upper
92 100
91 174.7 136.6 205.0

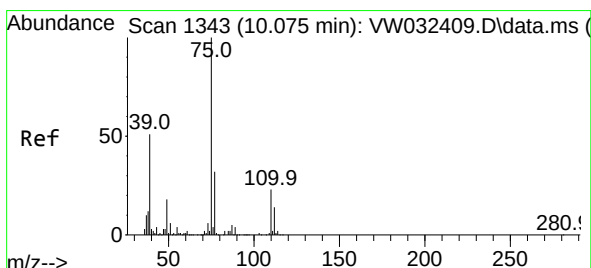
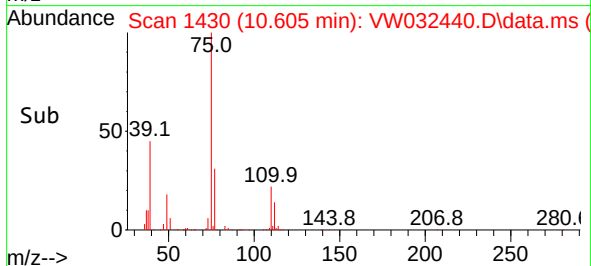
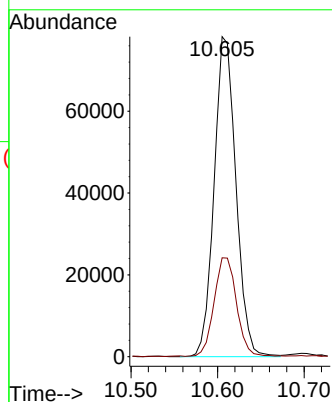
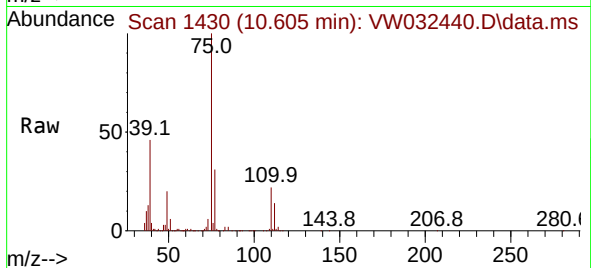




#53
t-1,3-Dichloropropene
Concen: 20.781 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

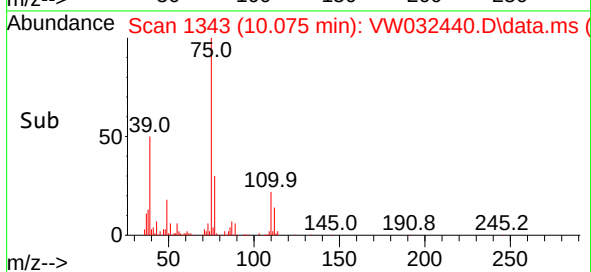
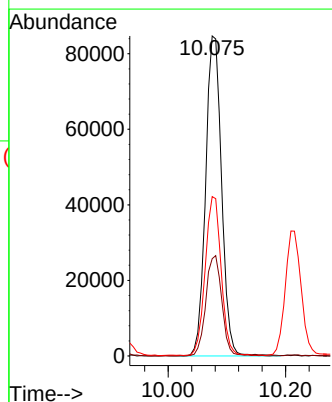
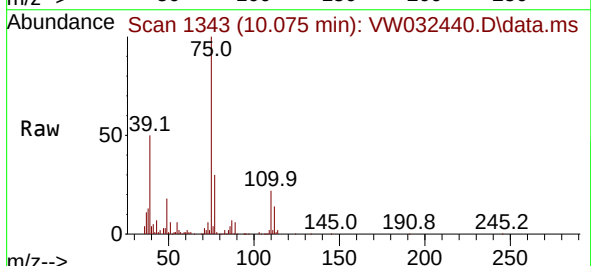
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

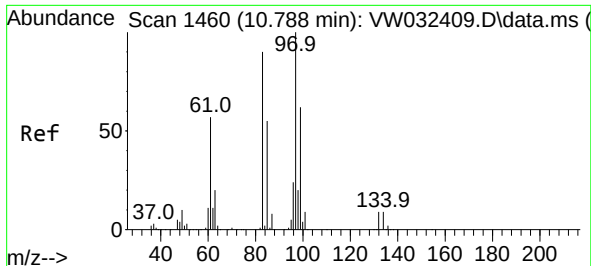
Tgt Ion: 75 Resp: 137068
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.959 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 75 Resp: 159868
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4
39 49.6 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 21.698 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion: 97 Resp: 83575

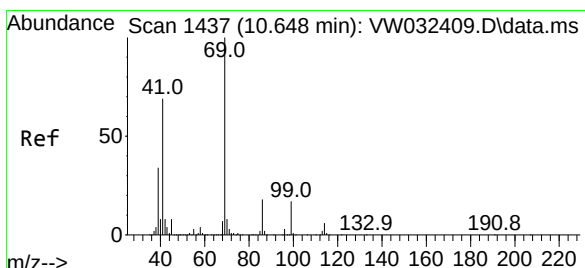
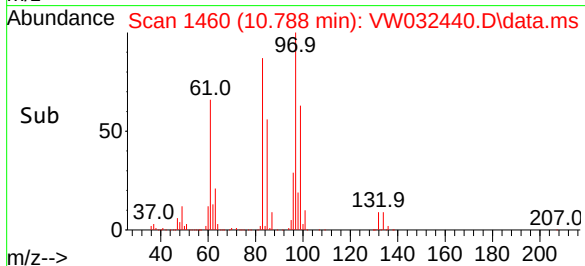
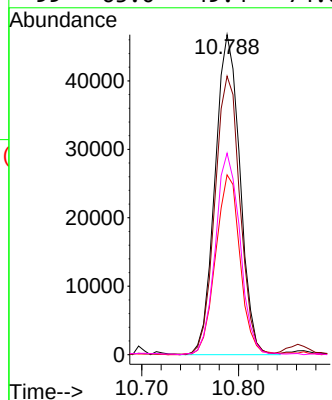
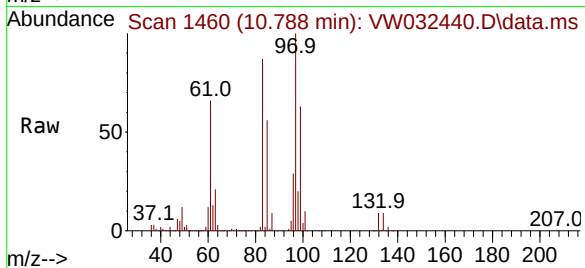
Ion Ratio Lower Upper

97 100

83 86.9 72.2 108.4

85 56.2 43.8 65.8

99 63.0 49.4 74.0



#56

Ethyl methacrylate

Concen: 20.568 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

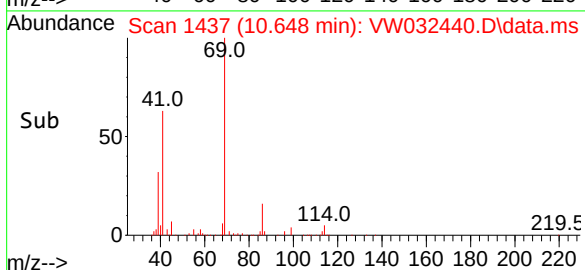
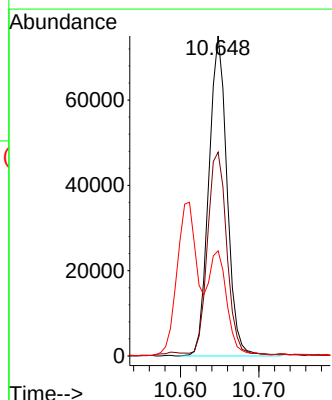
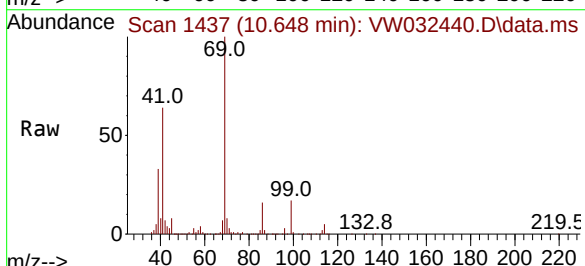
Tgt Ion: 69 Resp: 121553

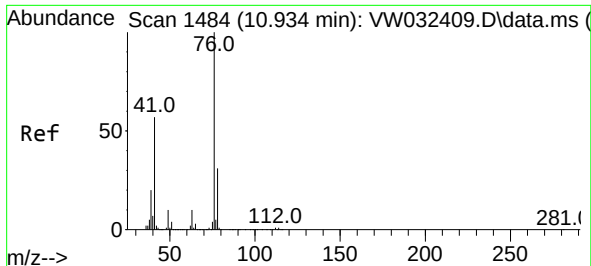
Ion Ratio Lower Upper

69 100

41 66.0 54.4 81.6

39 31.8 25.4 38.0

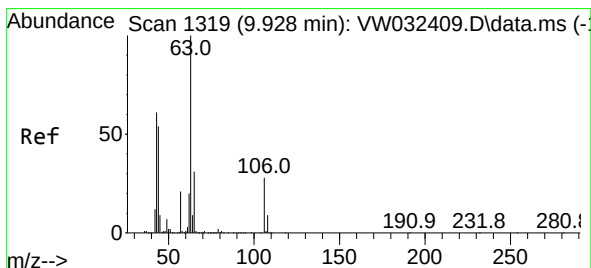
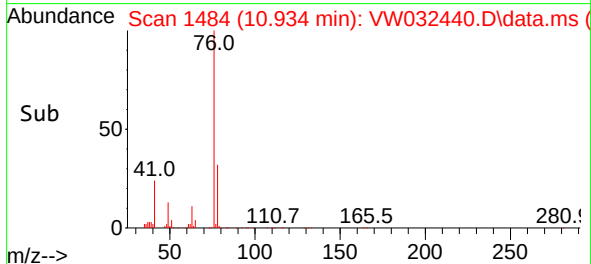
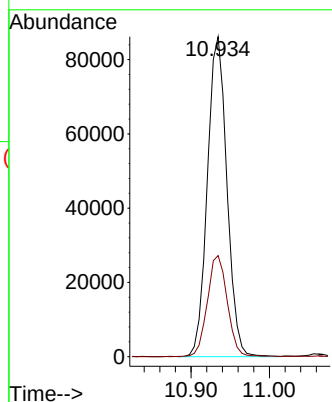
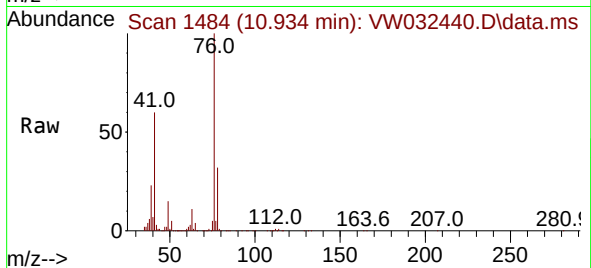




#57
1,3-Dichloropropane
Concen: 21.685 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

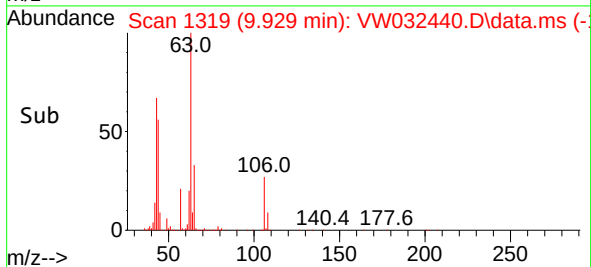
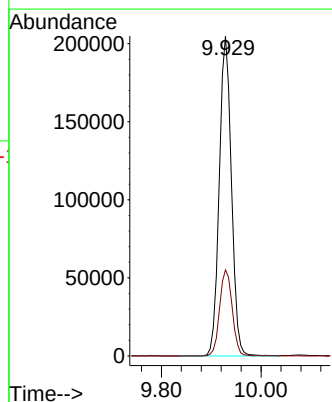
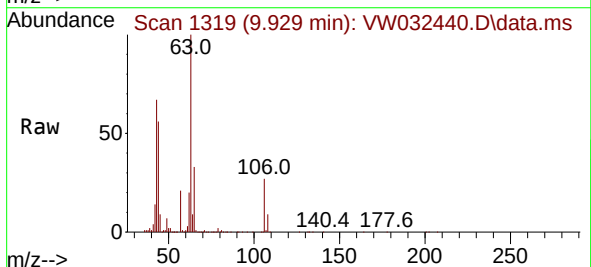
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

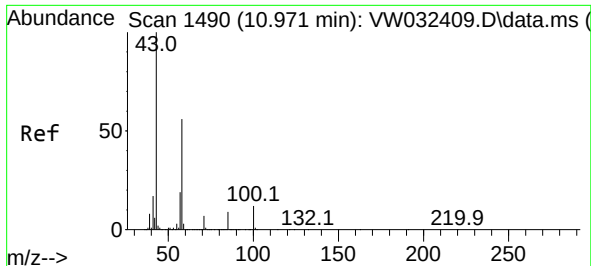
Tgt Ion: 76 Resp: 149176
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 110.026 ug/l
RT: 9.929 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 63 Resp: 346281
Ion Ratio Lower Upper
63 100
106 27.9 22.0 33.0

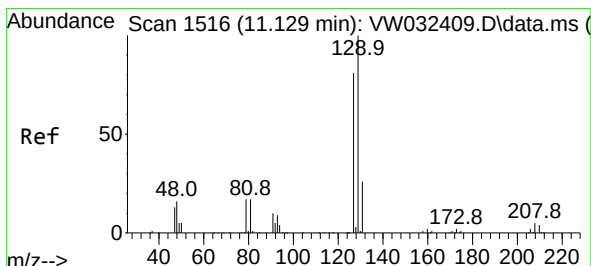
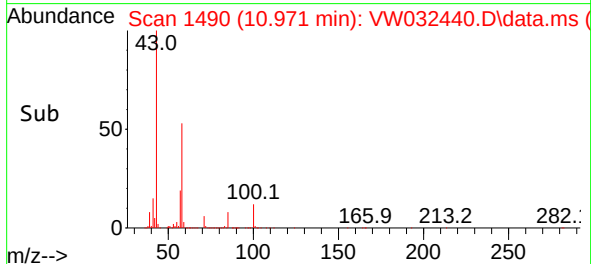
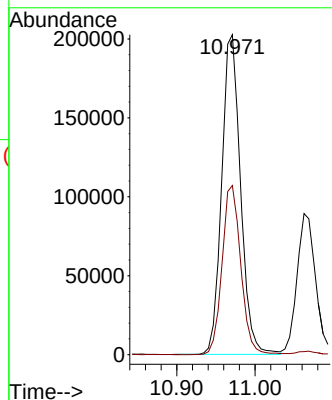
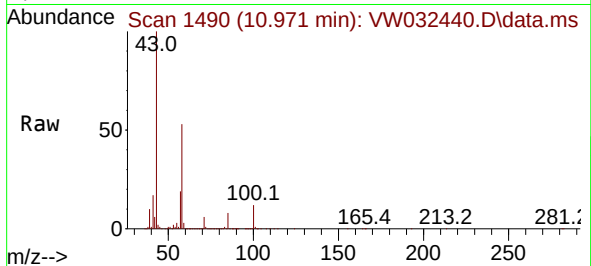




#59
2-Hexanone
Concen: 106.220 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

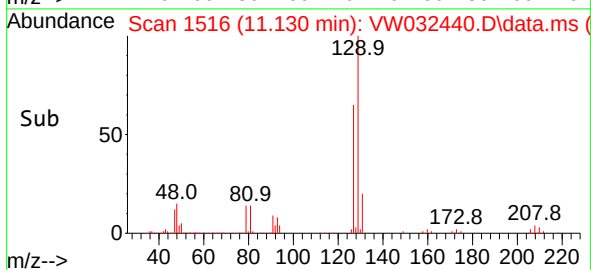
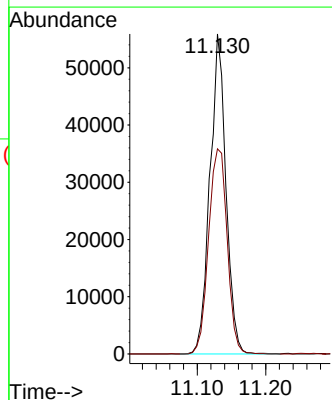
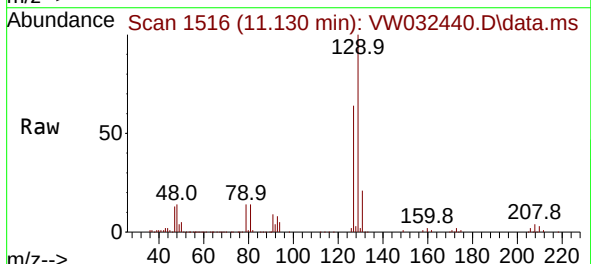
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

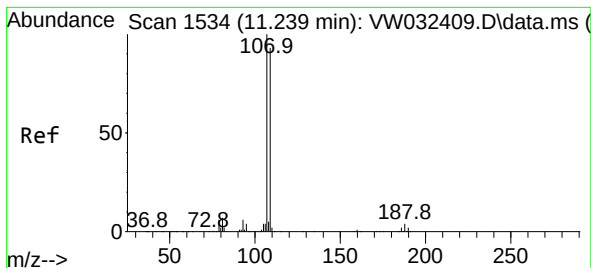
Tgt Ion: 43 Resp: 338942
Ion Ratio Lower Upper
43 100
58 52.7 27.4 82.2



#60
Dibromochloromethane
Concen: 21.176 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion:129 Resp: 91085
Ion Ratio Lower Upper
129 100
127 74.2 39.2 117.6

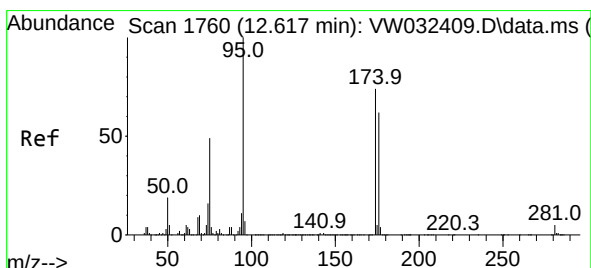
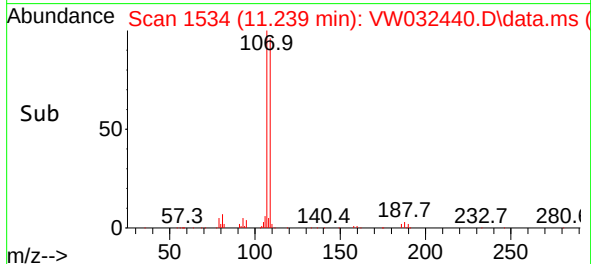
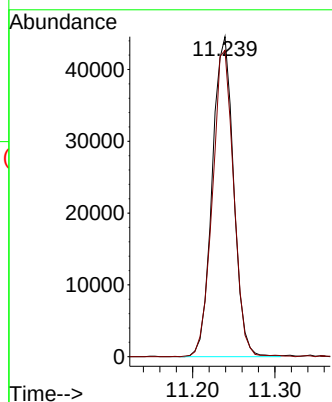
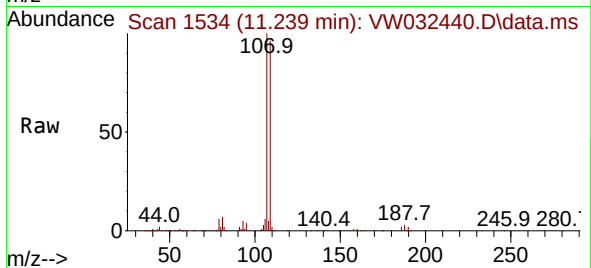




#61
1,2-Dibromoethane
Concen: 21.398 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

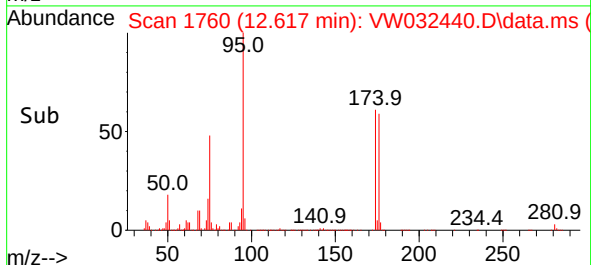
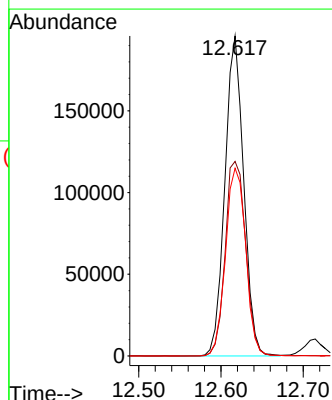
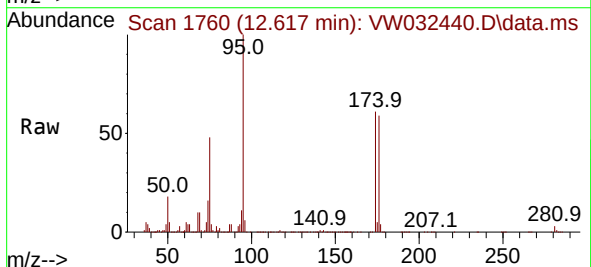
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

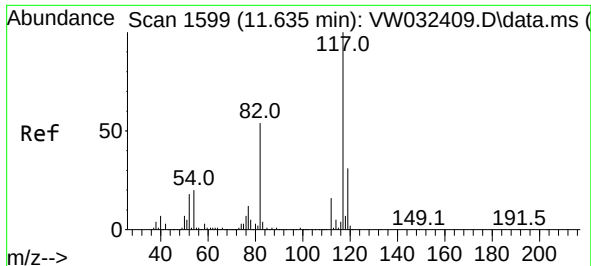
Tgt Ion:107 Resp: 80271
Ion Ratio Lower Upper
107 100
109 95.5 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 52.802 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 95 Resp: 311188
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.4
176 63.1 0.0 131.8

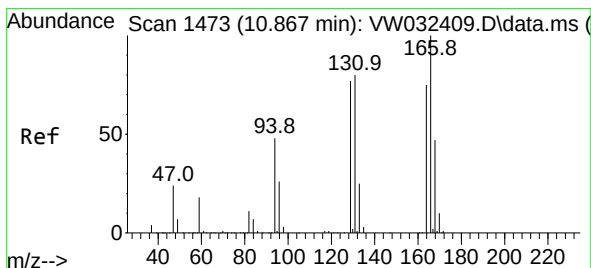
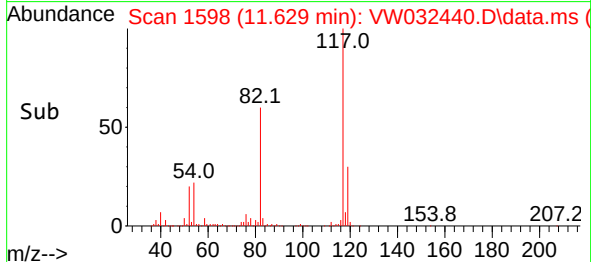
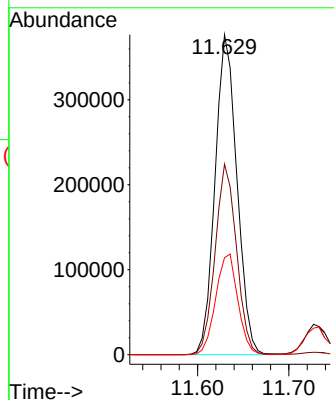
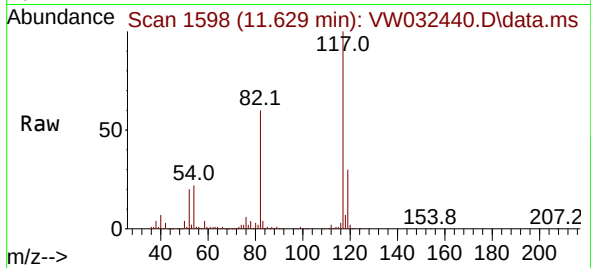




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

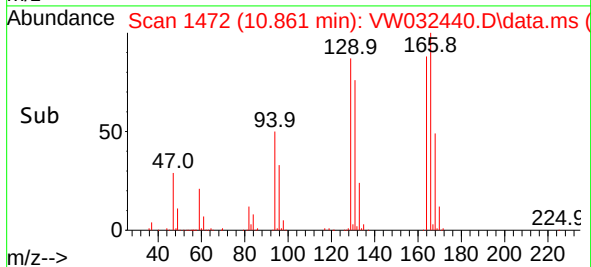
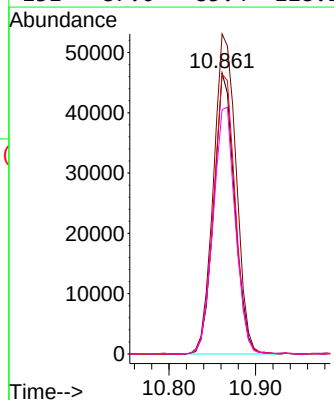
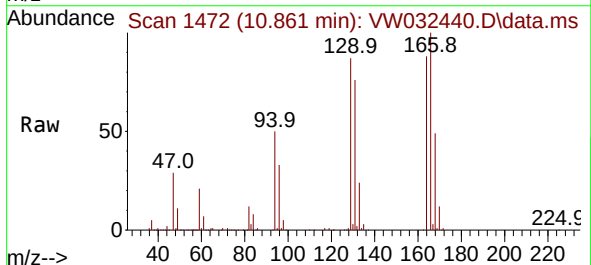
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

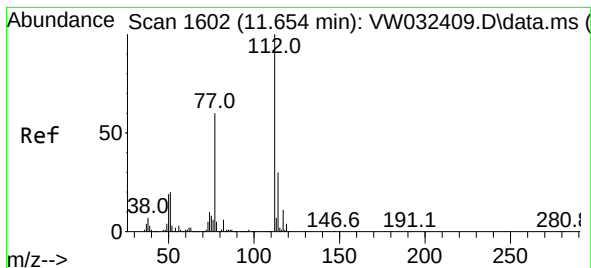
Tgt Ion:117 Resp: 627588
Ion Ratio Lower Upper
117 100
82 59.5 43.0 64.4
119 30.3 25.0 37.6



#64
Tetrachloroethene
Concen: 20.986 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion:164 Resp: 77995
Ion Ratio Lower Upper
164 100
166 113.9 107.0 160.4
129 99.6 82.9 124.3
131 87.0 85.4 128.2





#65

Chlorobenzene

Concen: 20.754 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

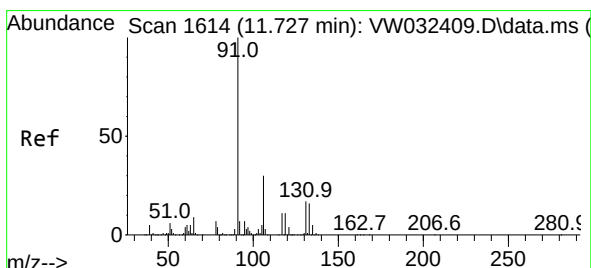
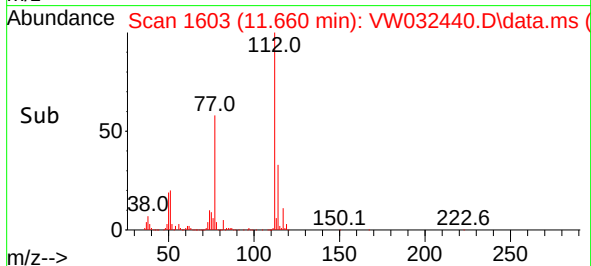
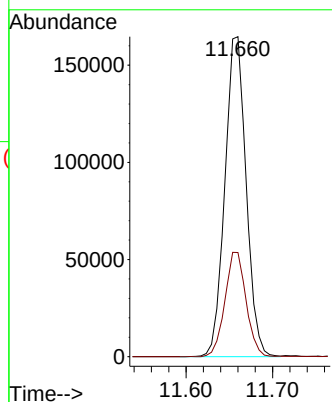
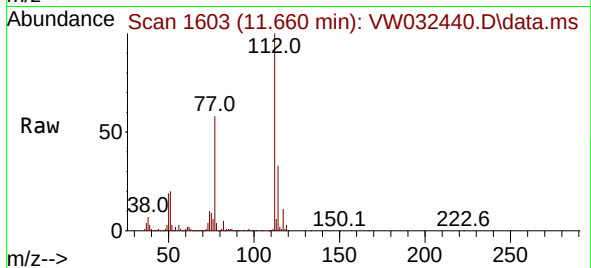
VW1112SBSD01

Tgt Ion:112 Resp: 280732

Ion Ratio Lower Upper

112 100

114 32.6 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.212 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

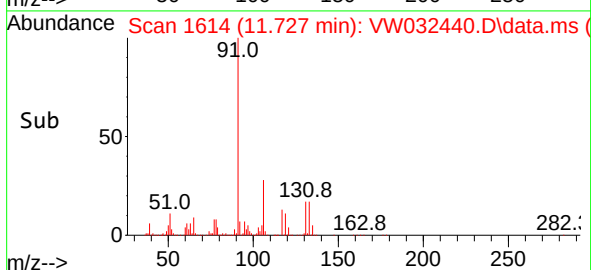
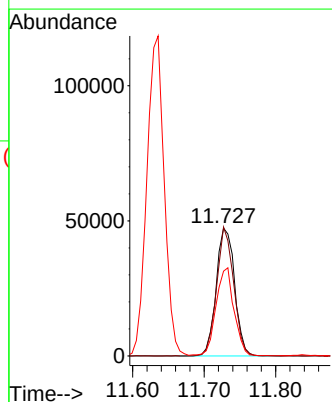
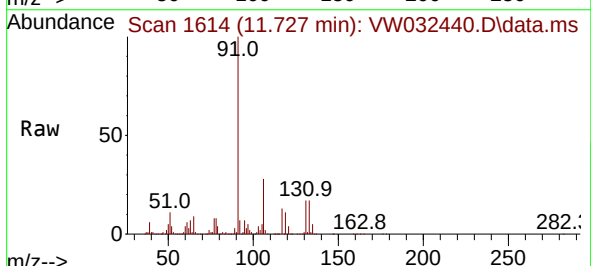
Tgt Ion:131 Resp: 84614

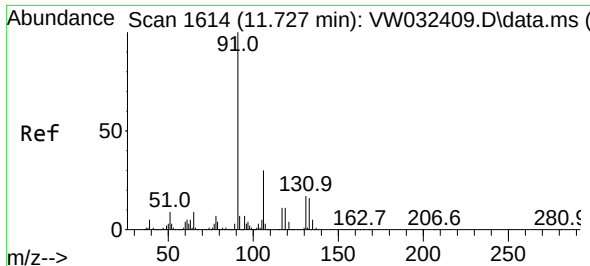
Ion Ratio Lower Upper

131 100

133 93.5 46.9 140.6

119 67.0 33.4 100.2

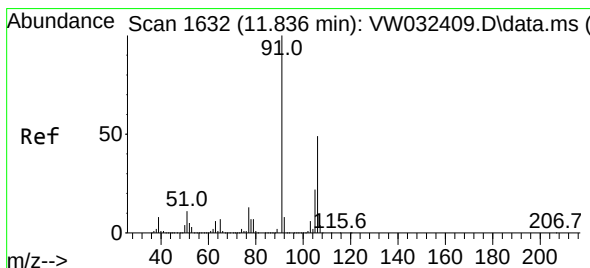
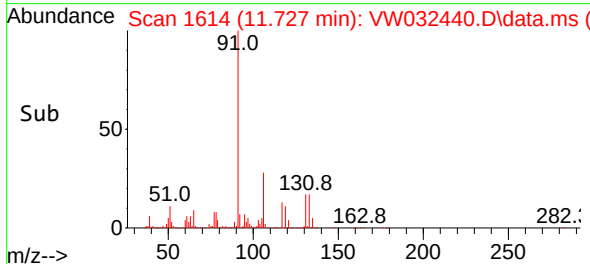
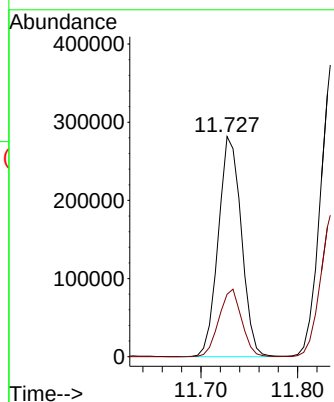
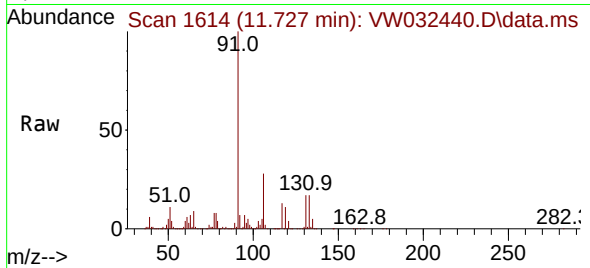




#67
Ethyl Benzene
Concen: 19.914 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

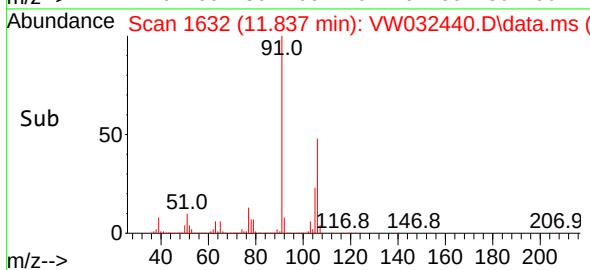
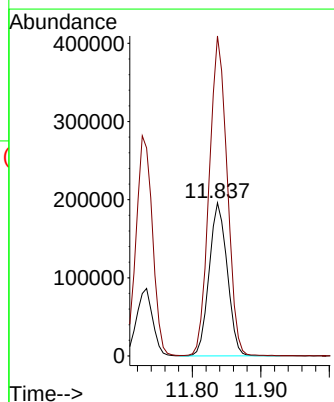
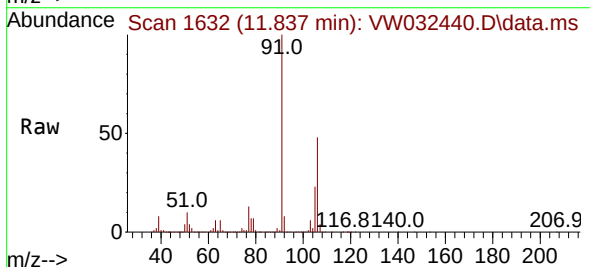
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

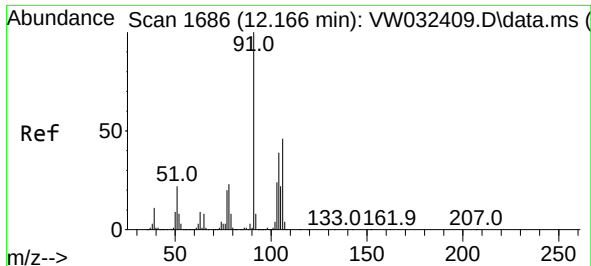
Tgt Ion: 91 Resp: 466082
Ion Ratio Lower Upper
91 100
106 28.4 24.2 36.2



#68
m/p-Xylenes
Concen: 40.859 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 106 Resp: 359060
Ion Ratio Lower Upper
106 100
91 207.9 165.5 248.3

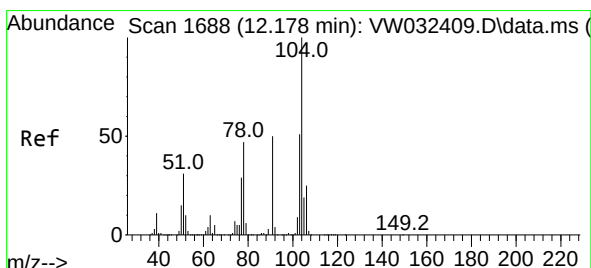
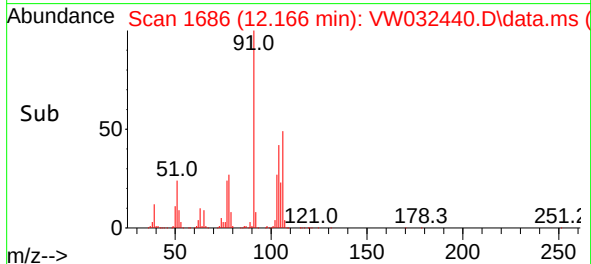
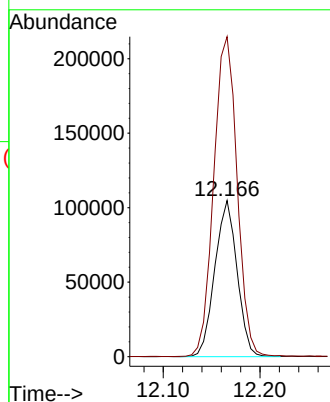
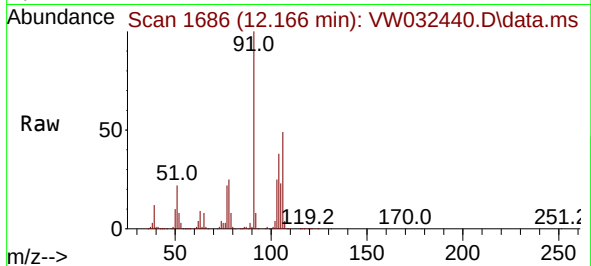




#69
o-Xylene
Concen: 19.898 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

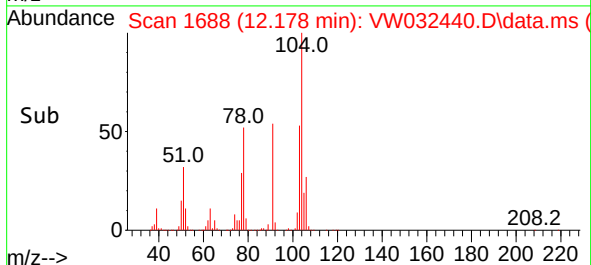
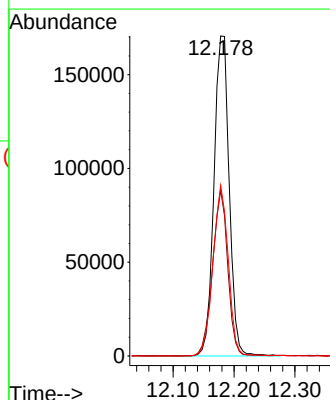
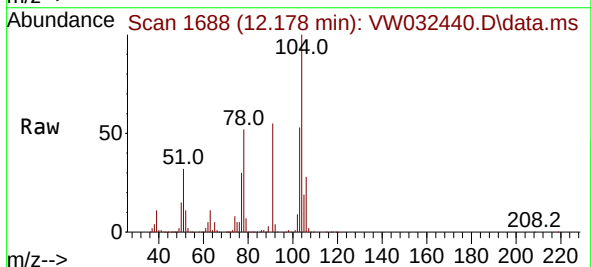
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

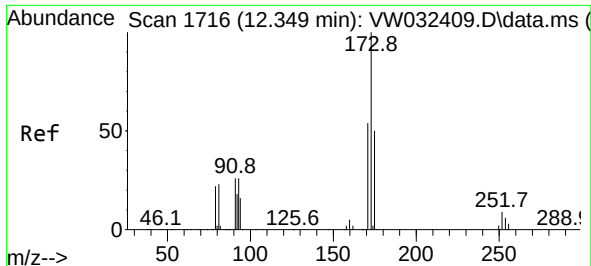
Tgt Ion:106 Resp: 167430
Ion Ratio Lower Upper
106 100
91 215.5 109.3 327.8



#70
Styrene
Concen: 20.482 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion:104 Resp: 296462
Ion Ratio Lower Upper
104 100
78 51.7 40.7 61.1
103 53.8 43.9 65.9

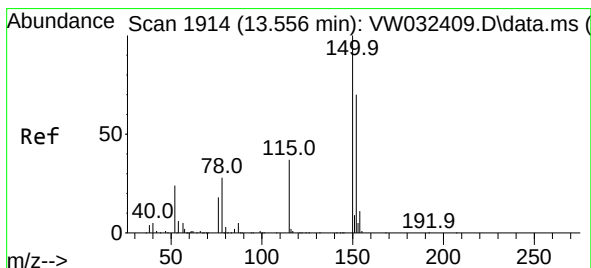
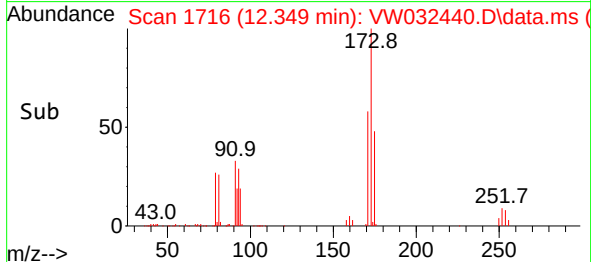
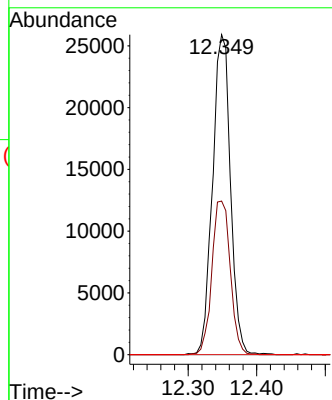
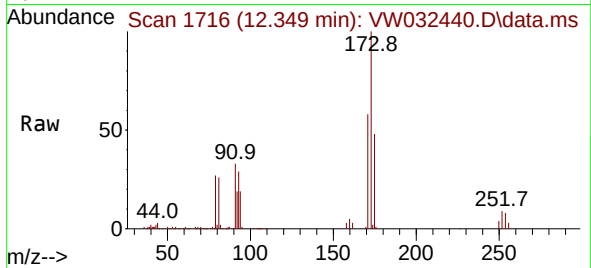




#71
Bromoform
Concen: 18.972 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

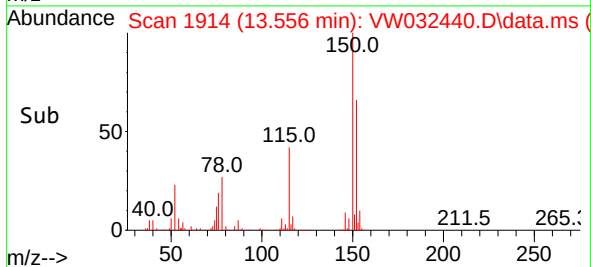
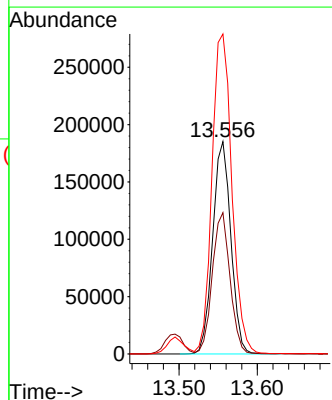
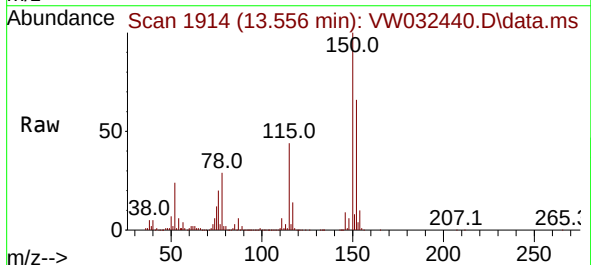
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

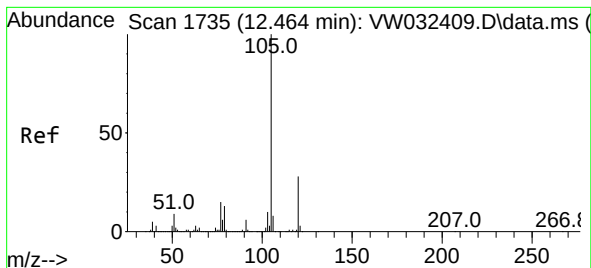
Tgt Ion:173 Resp: 47042
Ion Ratio Lower Upper
173 100
175 49.2 25.1 75.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion:152 Resp: 298446
Ion Ratio Lower Upper
152 100
115 64.6 32.8 98.3
150 164.6 0.0 356.6





#73

Isopropylbenzene

Concen: 19.157 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

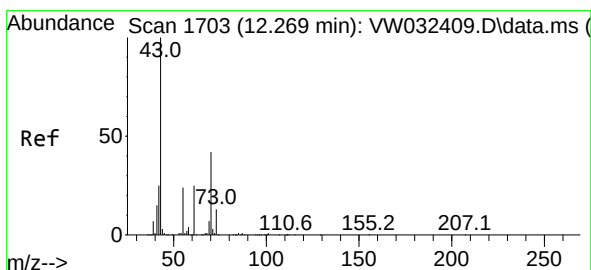
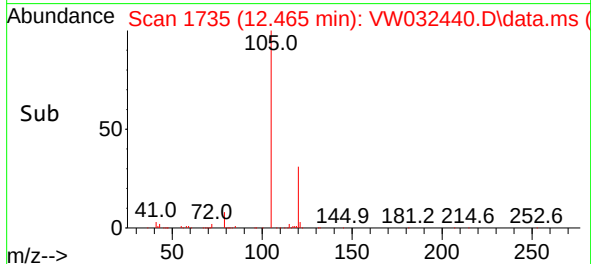
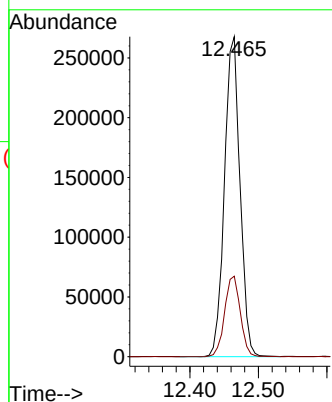
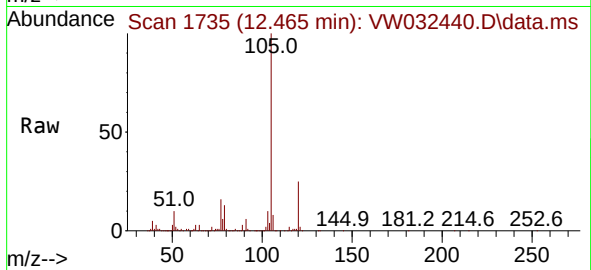
VW1112SBSD01

Tgt Ion:105 Resp: 419892

Ion Ratio Lower Upper

105 100

120 25.4 13.2 39.5



#74

N-ethyl acetate

Concen: 20.016 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Tgt Ion: 43 Resp: 152454

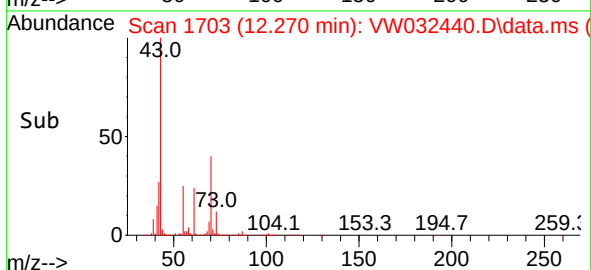
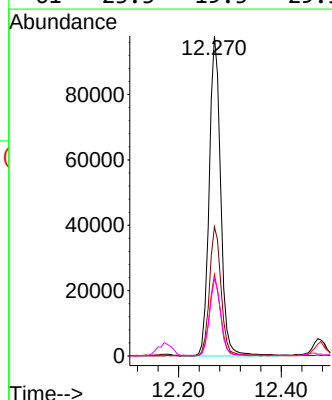
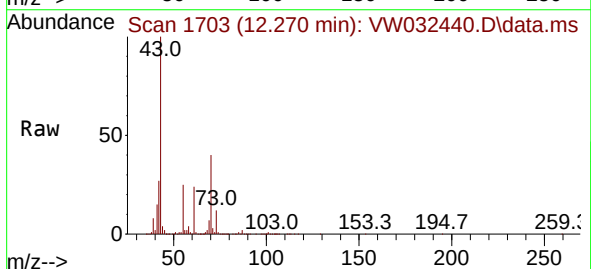
Ion Ratio Lower Upper

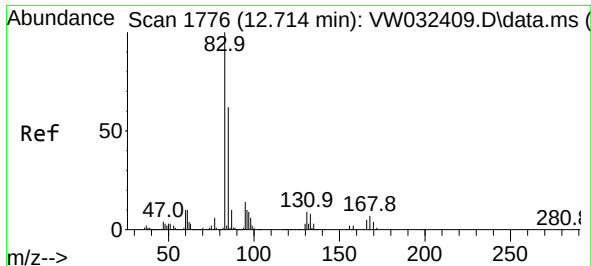
43 100

70 40.7 33.5 50.3

55 24.4 19.3 28.9

61 23.3 19.5 29.3

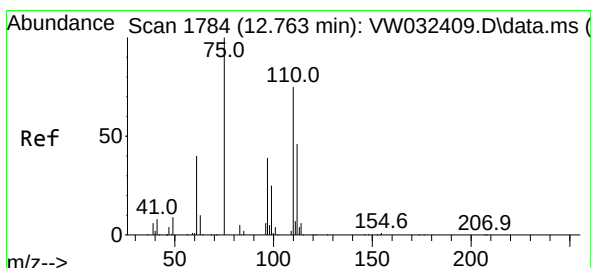
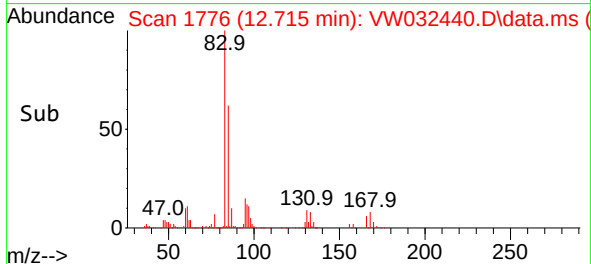
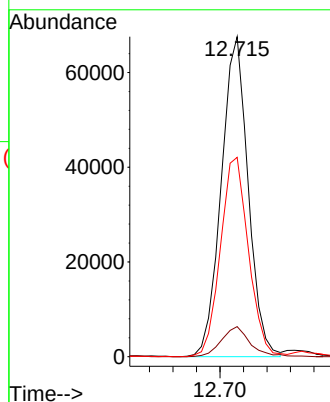
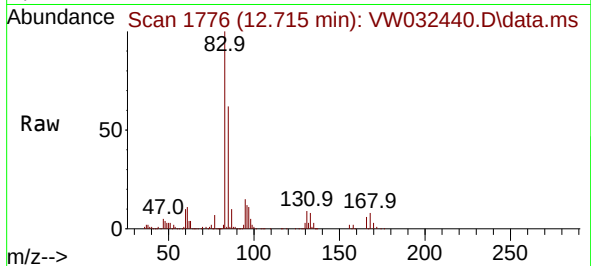




#75
1,1,2,2-Tetrachloroethane
Concen: 20.660 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

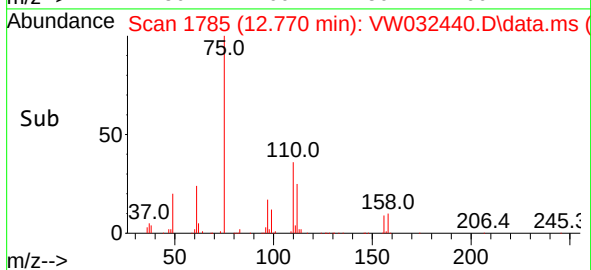
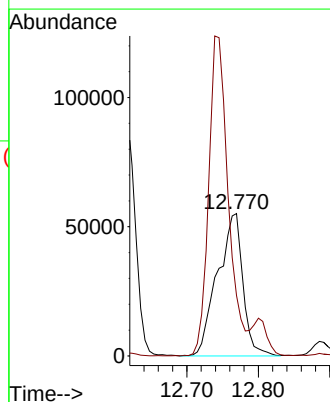
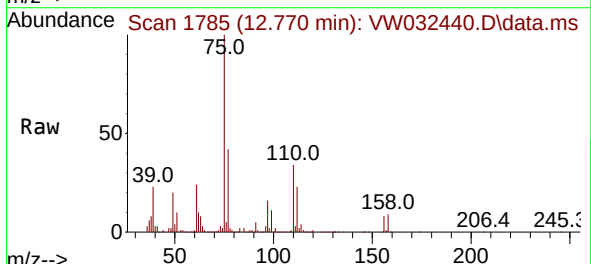
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

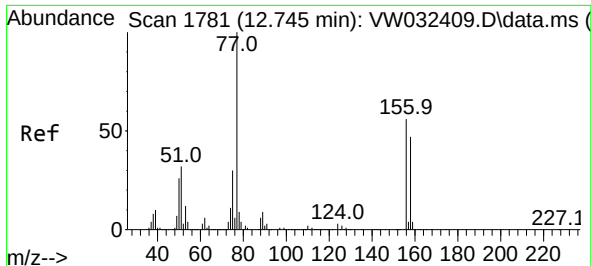
Tgt Ion: 83 Resp: 107473
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.1 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 33.279 ug/l
RT: 12.770 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 75 Resp: 136184
Ion Ratio Lower Upper
75 100
77 0.0 151.6 454.8#

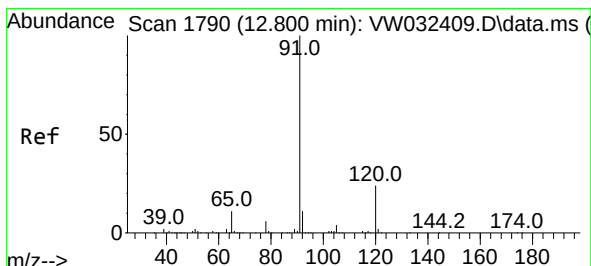
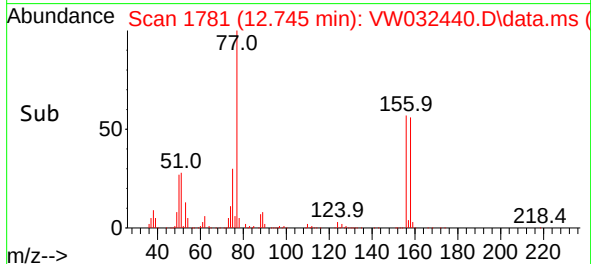
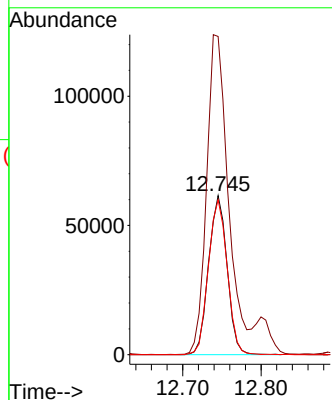
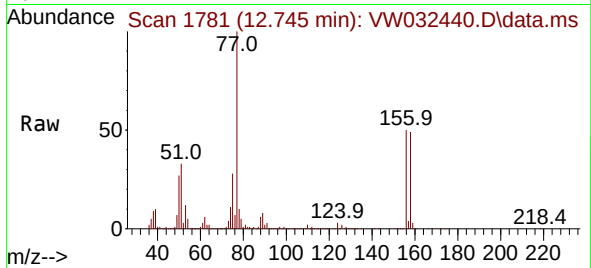




#77
Bromobenzene
Concen: 19.456 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

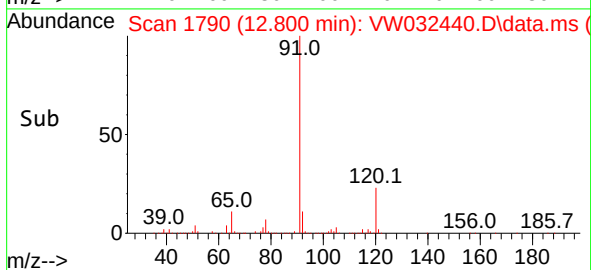
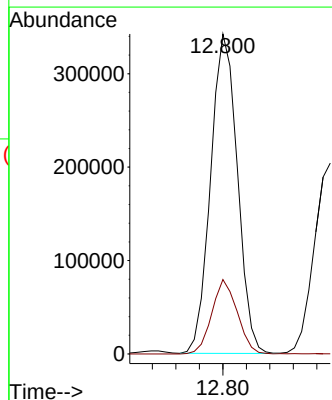
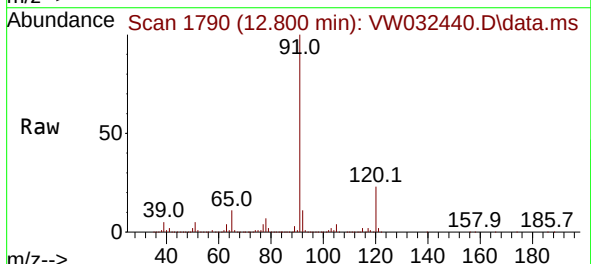
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

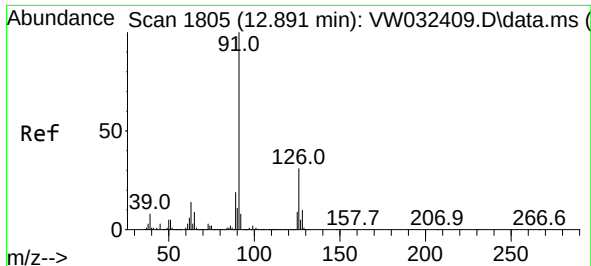
Tgt Ion:156 Resp: 100969
Ion Ratio Lower Upper
156 100
77 232.0 108.0 324.0
158 99.4 45.1 135.5



#78
n-propylbenzene
Concen: 20.292 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 91 Resp: 541646
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9

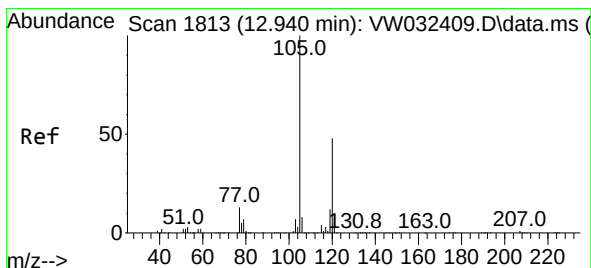
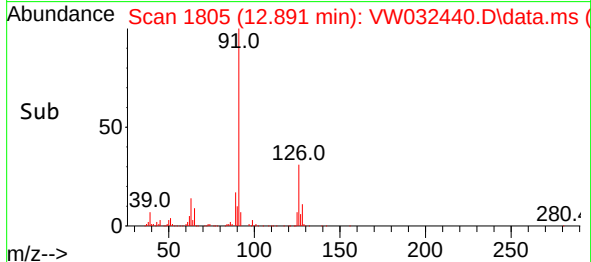
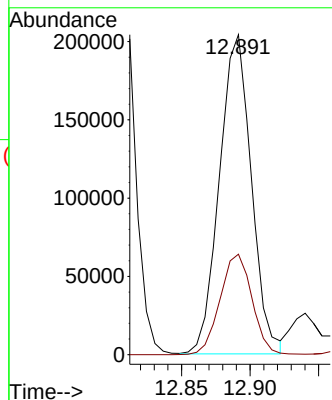
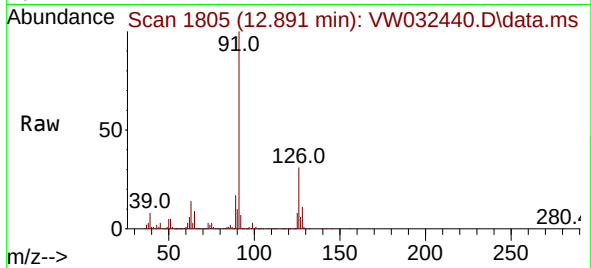




#79
2-Chlorotoluene
Concen: 20.268 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

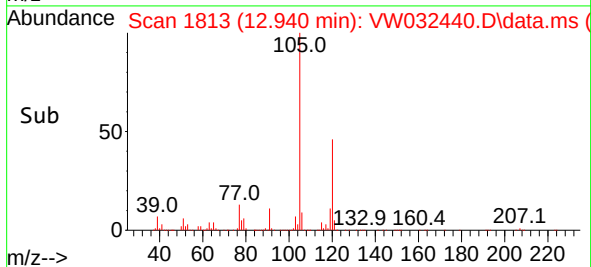
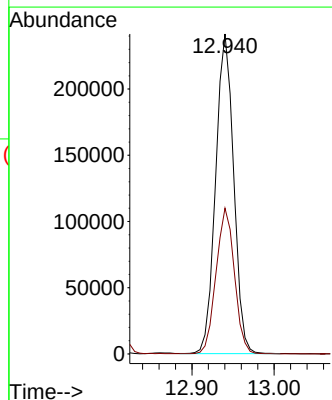
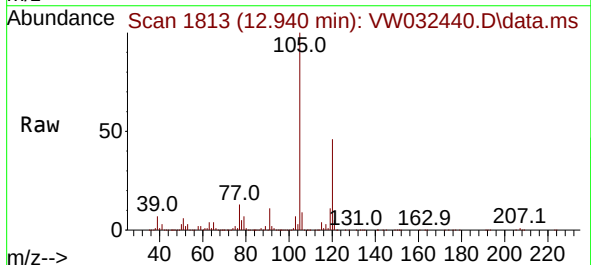
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

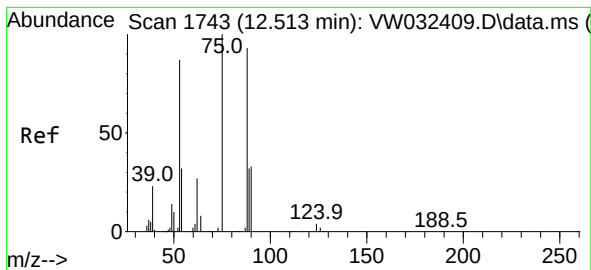
Tgt Ion: 91 Resp: 330269
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 20.270 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 105 Resp: 366549
Ion Ratio Lower Upper
105 100
120 46.3 24.2 72.6

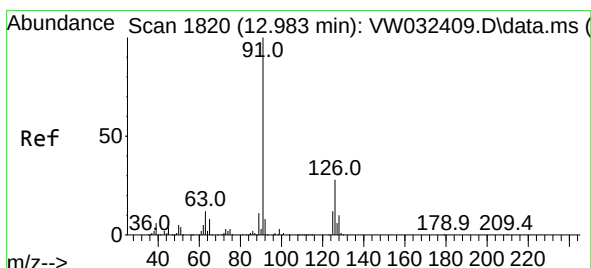
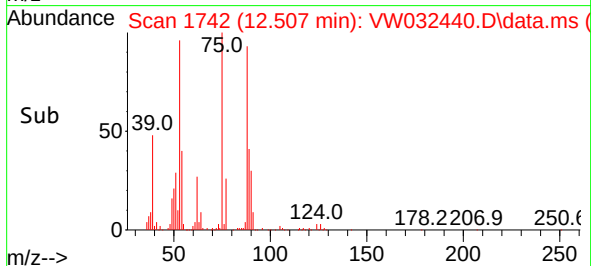
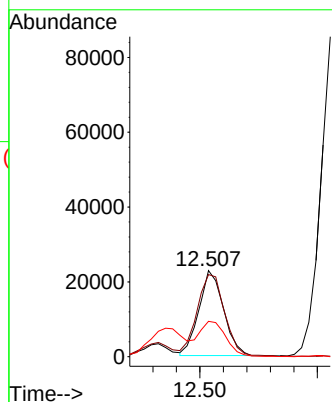
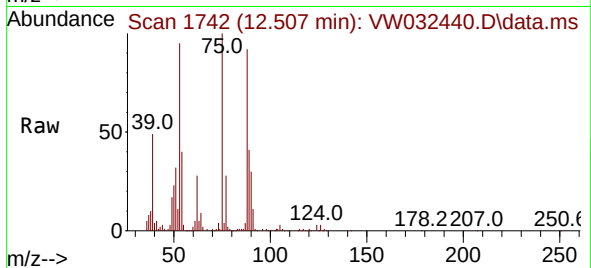




#81
trans-1,4-Dichloro-2-butene
Concen: 18.512 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

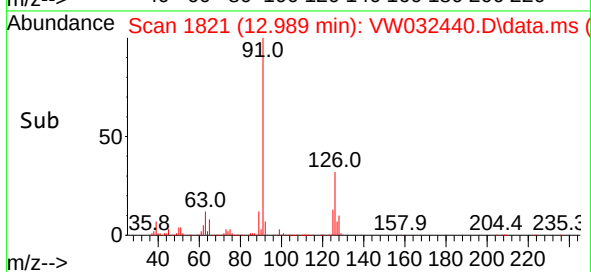
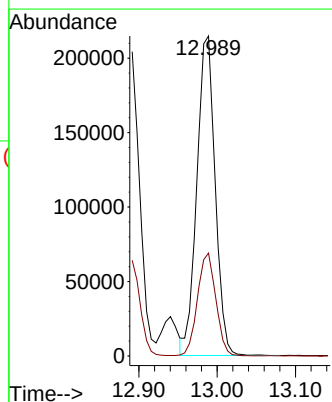
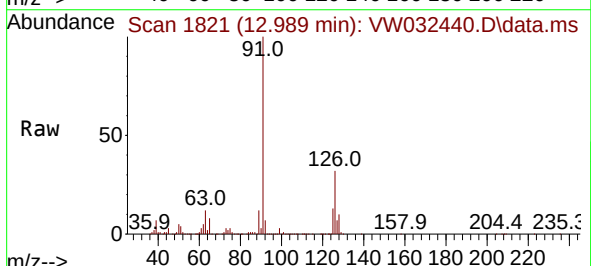
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

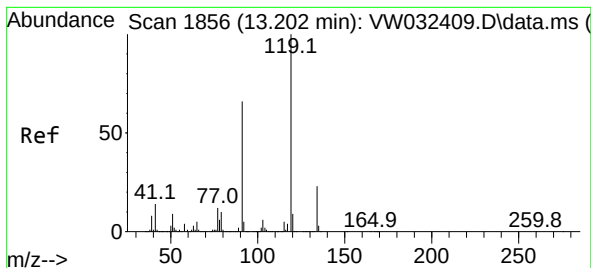
Tgt Ion: 75 Resp: 33075
Ion Ratio Lower Upper
75 100
53 108.5 77.8 116.8
89 47.4 35.6 53.4



#82
4-Chlorotoluene
Concen: 20.577 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 91 Resp: 348737
Ion Ratio Lower Upper
91 100
126 32.3 15.5 46.5

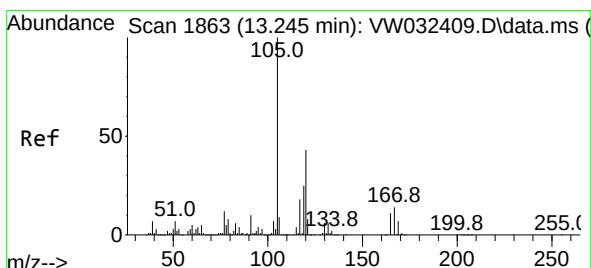
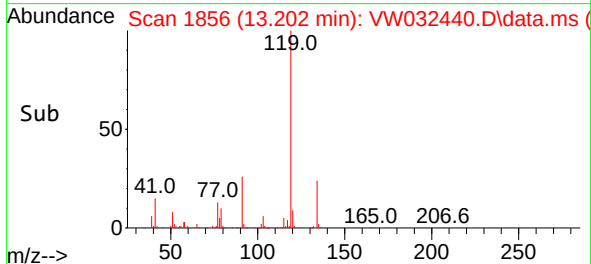
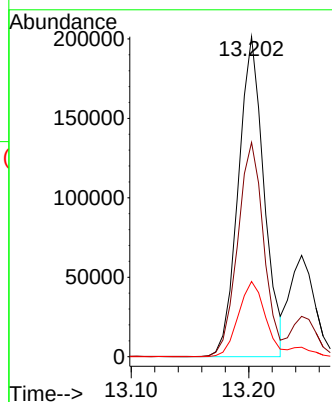
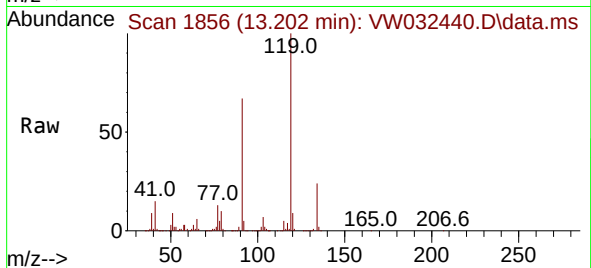




#83
tert-Butylbenzene
Concen: 19.495 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

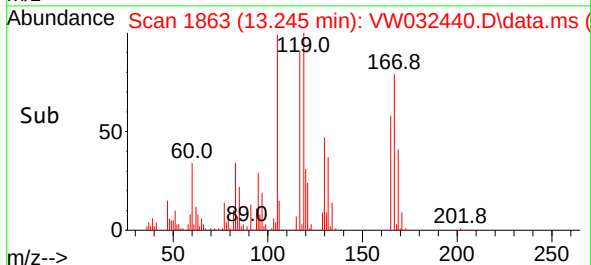
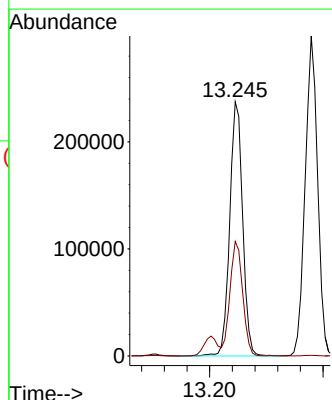
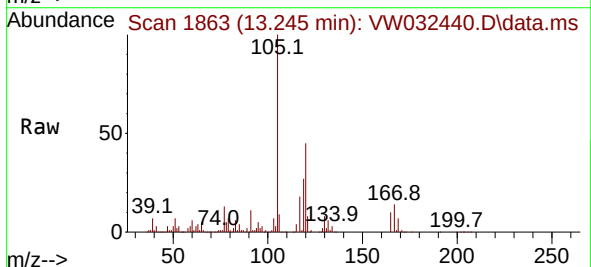
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

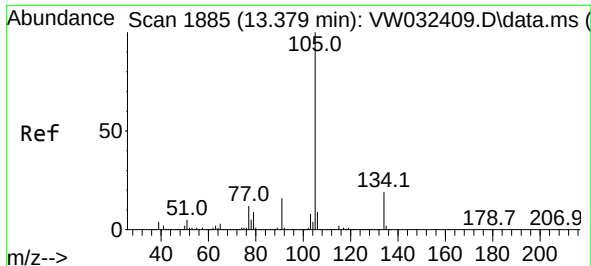
Tgt Ion:119 Resp: 306662
Ion Ratio Lower Upper
119 100
91 67.6 33.3 99.9
134 24.9 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 20.329 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion:105 Resp: 373897
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5

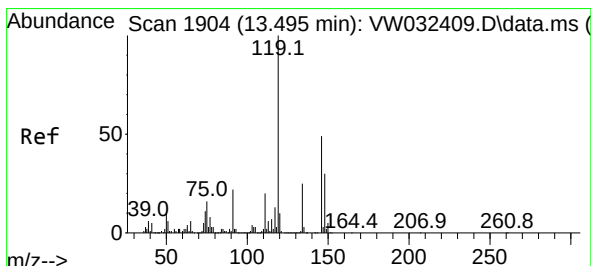
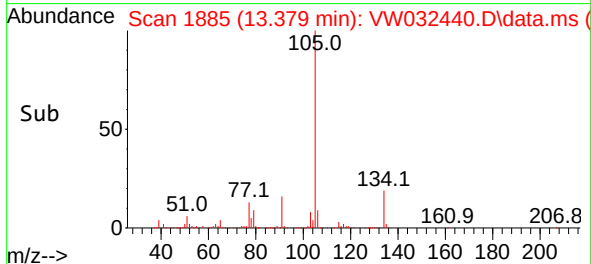
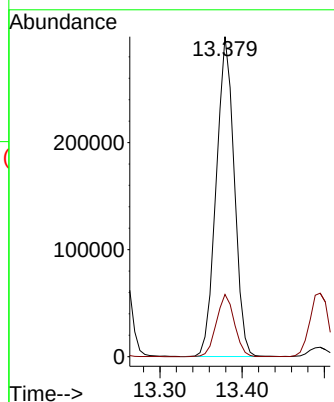
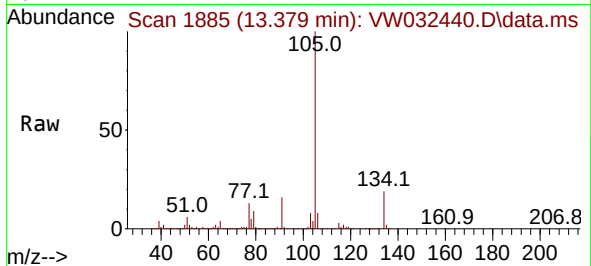




#85
 sec-Butylbenzene
 Concen: 19.422 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

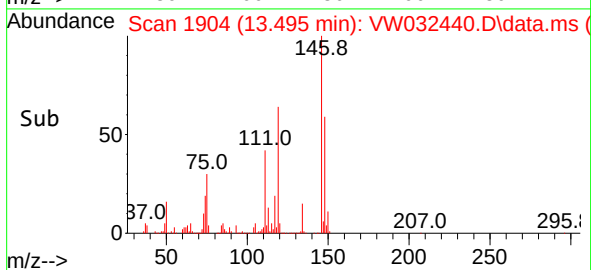
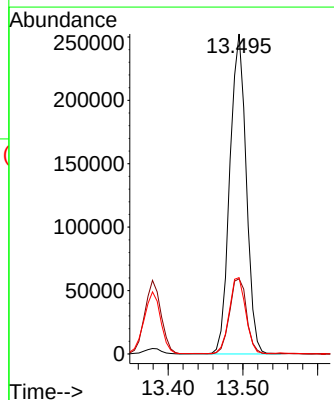
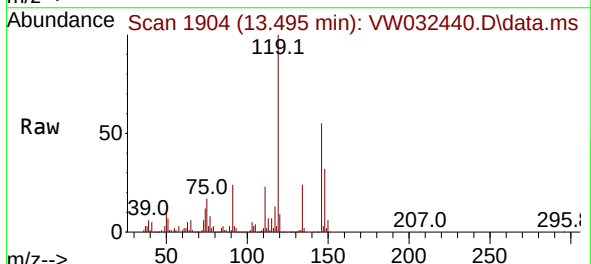
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

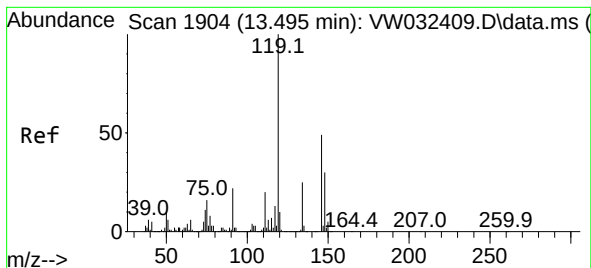
Tgt Ion:105 Resp: 454997
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.936 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032440.D
 Acq: 12 Nov 2025 15:19

Tgt Ion:119 Resp: 385632
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.7 38.1
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.816 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

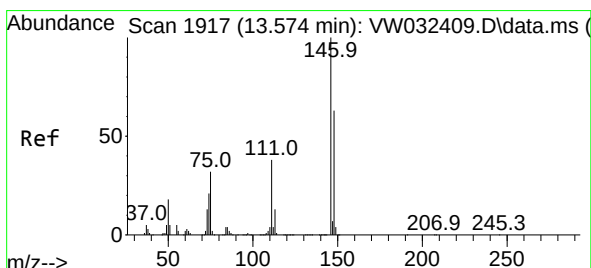
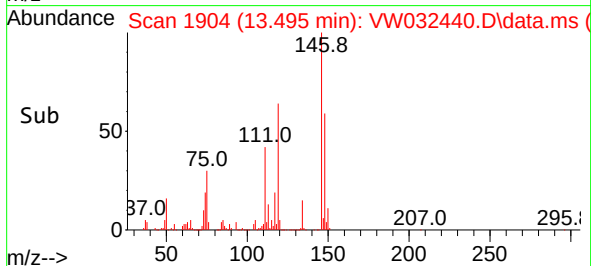
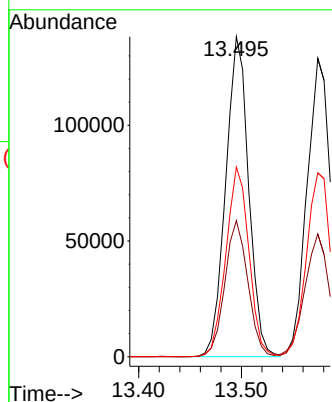
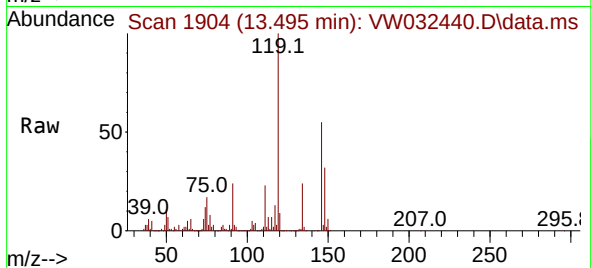
Tgt Ion:146 Resp: 214653

Ion Ratio Lower Upper

146 100

111 42.6 22.2 66.6

148 59.6 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 20.543 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

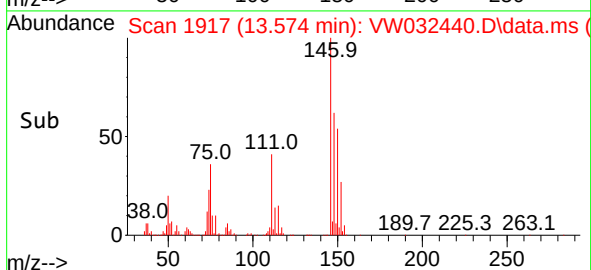
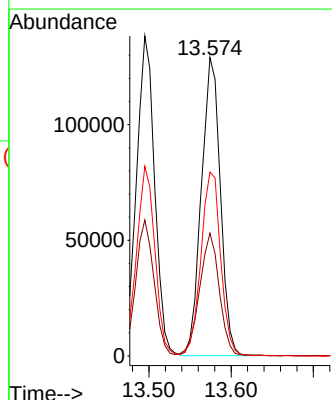
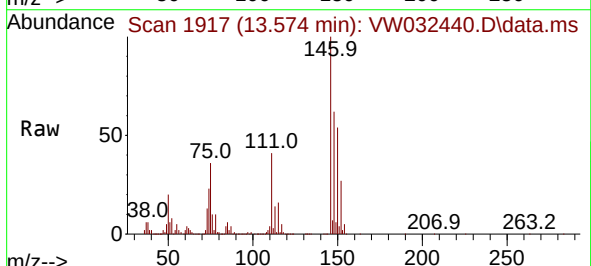
Tgt Ion:146 Resp: 207082

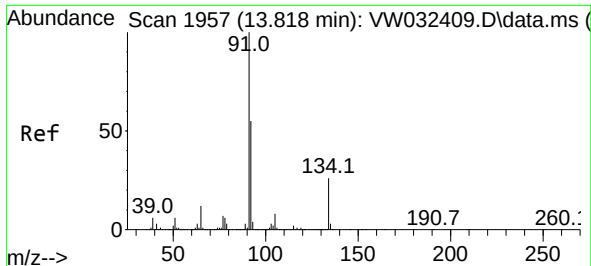
Ion Ratio Lower Upper

146 100

111 42.7 20.5 61.6

148 63.5 31.2 93.6

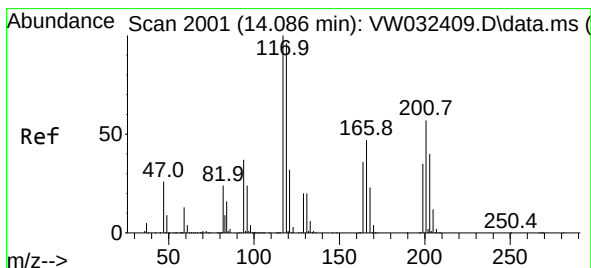
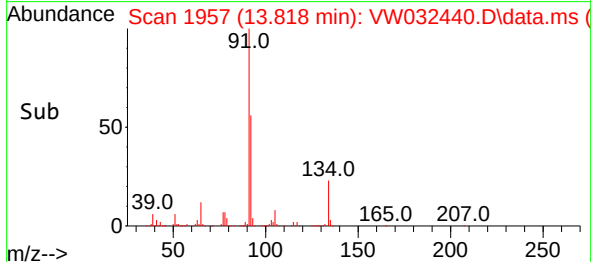
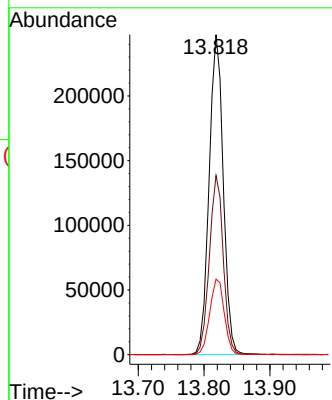
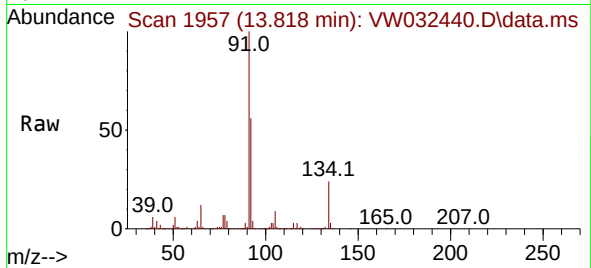




#89
n-Butylbenzene
Concen: 19.545 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

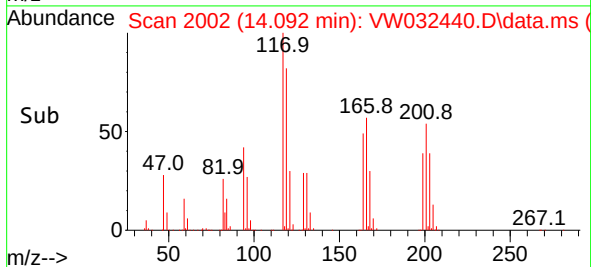
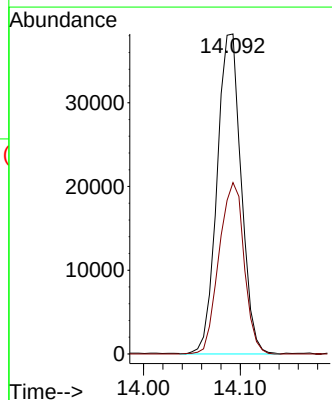
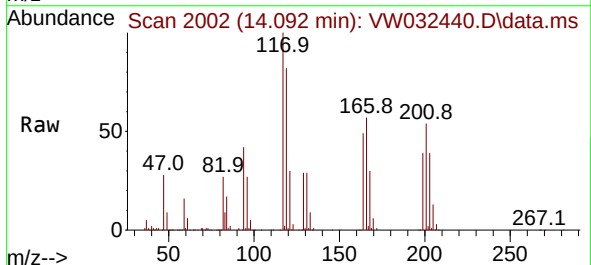
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

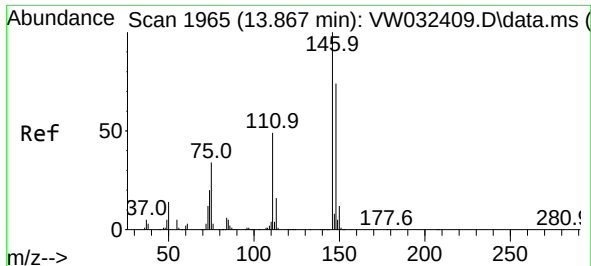
Tgt Ion: 91 Resp: 369364
Ion Ratio Lower Upper
91 100
92 55.3 27.4 82.2
134 24.3 12.4 37.4



#90
Hexachloroethane
Concen: 18.962 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 117 Resp: 66130
Ion Ratio Lower Upper
117 100
201 55.6 32.0 96.0

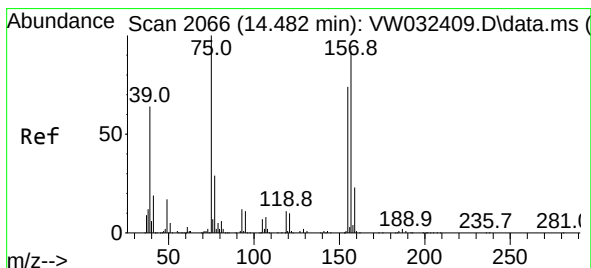
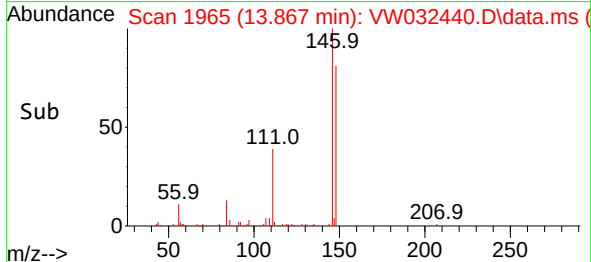
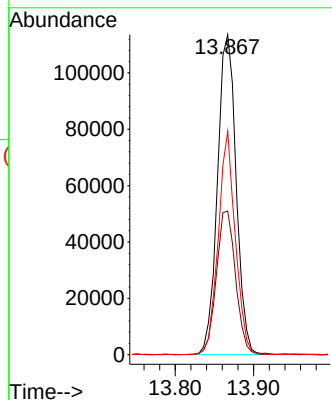
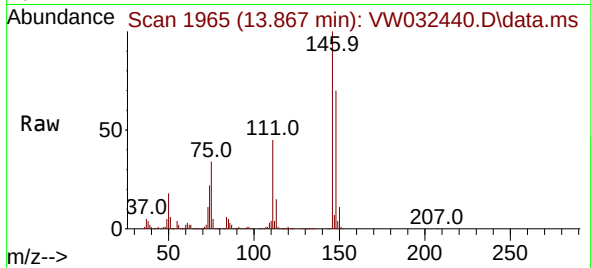




#91
1,2-Dichlorobenzene
Concen: 20.834 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

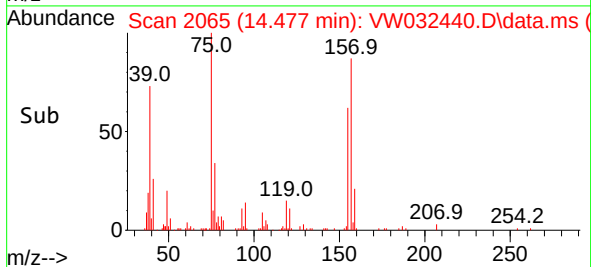
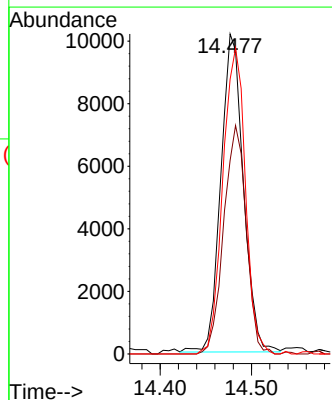
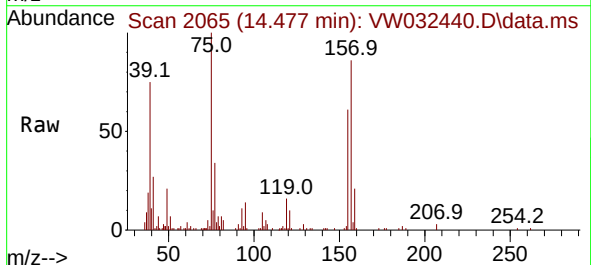
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

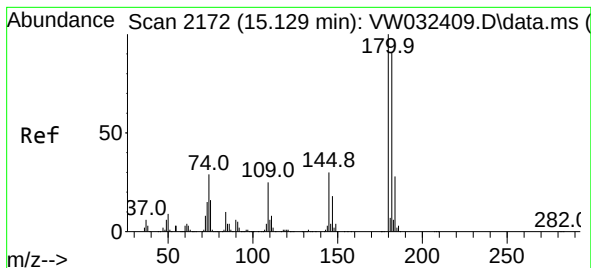
Tgt Ion:146 Resp: 188183
Ion Ratio Lower Upper
146 100
111 46.4 23.4 70.2
148 63.9 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.500 ug/l
RT: 14.477 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032440.D
Acq: 12 Nov 2025 15:19

Tgt Ion: 75 Resp: 17475
Ion Ratio Lower Upper
75 100
155 71.2 36.2 108.6
157 96.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.276 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

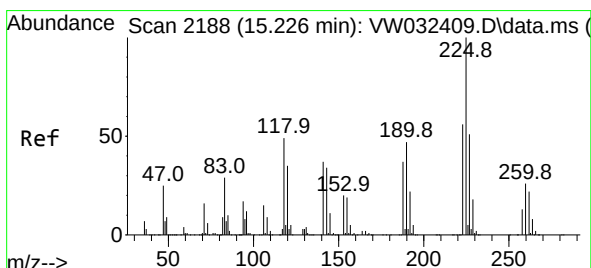
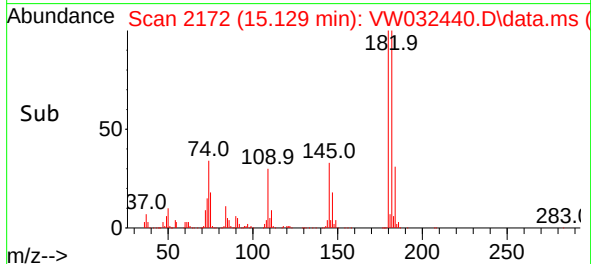
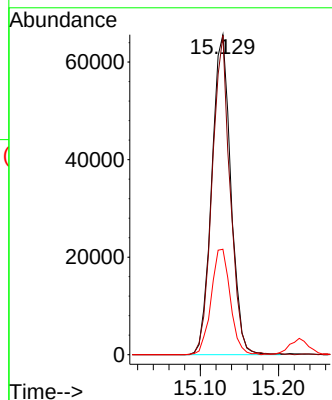
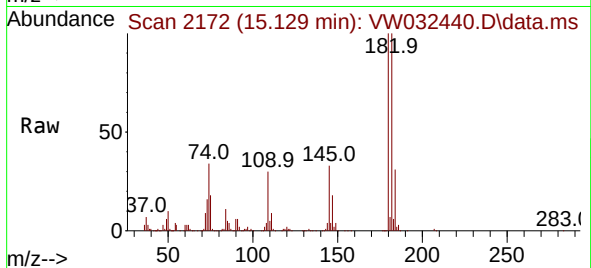
Tgt Ion:180 Resp: 110799

Ion Ratio Lower Upper

180 100

182 94.0 45.3 135.9

145 33.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 20.994 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

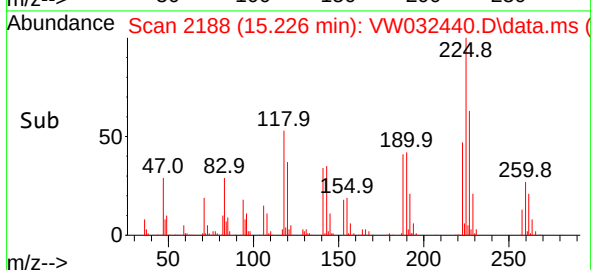
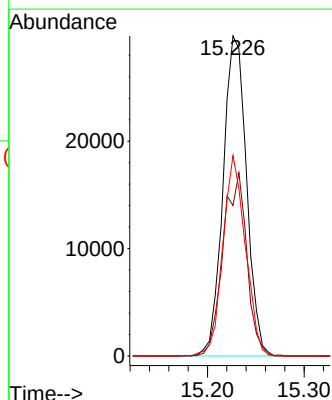
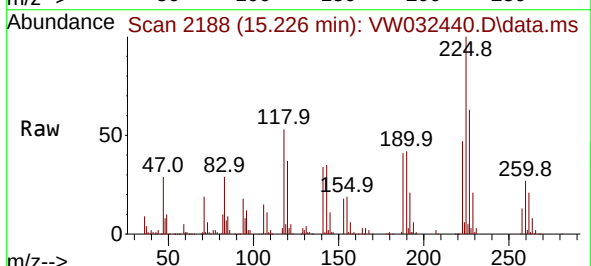
Tgt Ion:225 Resp: 50127

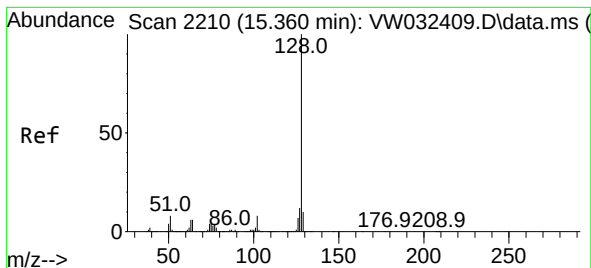
Ion Ratio Lower Upper

225 100

223 57.8 30.6 91.8

227 60.2 29.8 89.4





#95

Naphthalene

Concen: 18.987 ug/l

RT: 15.361 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

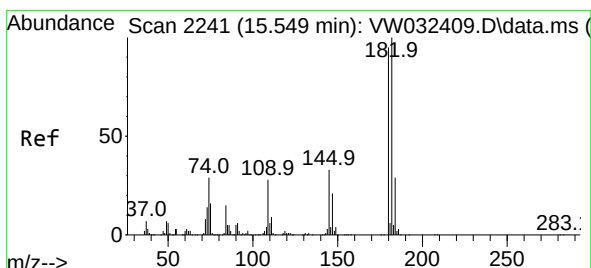
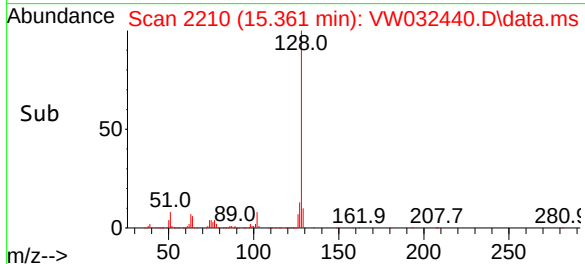
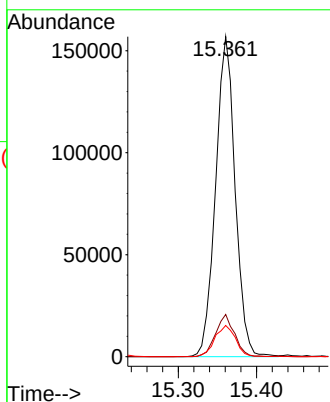
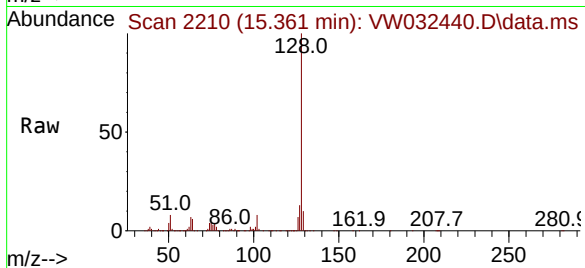
Tgt Ion:128 Resp: 272150

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.436 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032440.D

Acq: 12 Nov 2025 15:19

Tgt Ion:180 Resp: 101424

Ion Ratio Lower Upper

180 100

182 95.3 50.3 151.0

145 36.4 17.8 53.3

