

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032062.D
 Acq On : 11 Aug 2025 13:10
 Operator : SY/MD
 Sample : VW0811SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBS01

Quant Time: Aug 12 04:24:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	226773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	441696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	400240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	195548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	163196	49.758	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.520%
35) Dibromofluoromethane	7.904	113	134207	47.032	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.060%
50) Toluene-d8	10.331	98	509734	48.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.600%
62) 4-Bromofluorobenzene	12.617	95	193625	49.782	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	33141	20.433	ug/l	95
3) Chloromethane	2.253	50	46903	21.468	ug/l	96
4) Vinyl Chloride	2.405	62	54316	20.553	ug/l	95
5) Bromomethane	2.820	94	41922	21.144	ug/l	99
6) Chloroethane	2.972	64	36568	20.911	ug/l	100
7) Trichlorofluoromethane	3.308	101	43905	20.739	ug/l	93
8) Diethyl Ether	3.722	74	36629	21.118	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	49478	19.810	ug/l	99
10) Methyl Iodide	4.307	142	73761	20.829	ug/l	98
11) Tert butyl alcohol	5.222	59	22637	106.589	ug/l	98
12) 1,1-Dichloroethene	4.076	96	55617	20.223	ug/l	92
13) Acrolein	3.929	56	36383	107.518	ug/l	99
14) Allyl chloride	4.698	41	83613	20.889	ug/l	99
15) Acrylonitrile	5.405	53	88342	106.933	ug/l	99
16) Acetone	4.155	43	82994	109.296	ug/l	99
17) Carbon Disulfide	4.423	76	147711	20.010	ug/l	98
18) Methyl Acetate	4.710	43	51758	21.540	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	105734	21.820	ug/l	96
20) Methylene Chloride	4.947	84	75897	21.617	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	59755	20.474	ug/l	93
22) Diisopropyl ether	6.337	45	181364	21.493	ug/l	92
23) Vinyl Acetate	6.283	43	596458	107.662	ug/l	99
24) 1,1-Dichloroethane	6.246	63	110715	20.536	ug/l	98
25) 2-Butanone	7.191	43	119355	110.592	ug/l	100
26) 2,2-Dichloropropane	7.191	77	57308	21.188	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	71058	20.829	ug/l	99
28) Bromochloromethane	7.532	49	49164	20.039	ug/l	99
29) Tetrahydrofuran	7.557	42	77560	108.972	ug/l	100
30) Chloroform	7.691	83	119914	20.980	ug/l	97
31) Cyclohexane	7.971	56	94081	20.129	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	84762	20.417	ug/l	98
36) 1,1-Dichloropropene	8.099	75	79280	19.708	ug/l	99
37) Ethyl Acetate	7.276	43	48057	20.284	ug/l	98
38) Carbon Tetrachloride	8.087	117	76962	19.825	ug/l	88
39) Methylcyclohexane	9.343	83	98634	20.117	ug/l	95
40) Benzene	8.337	78	252942	20.229	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	27124	20.188	ug/l	93
42) 1,2-Dichloroethane	8.416	62	83160	20.784	ug/l	99
43) Isopropyl Acetate	8.435	43	88890	20.393	ug/l	100
44) Trichloroethene	9.105	130	59840	20.095	ug/l	97
45) 1,2-Dichloropropane	9.373	63	60825	20.135	ug/l	95
46) Dibromomethane	9.465	93	39289	20.151	ug/l	98
47) Bromodichloromethane	9.654	83	89761	19.980	ug/l	96
48) Methyl methacrylate	9.441	41	43222	20.539	ug/l	99
49) 1,4-Dioxane	9.465	88	10586	419.936	ug/l	87
51) 4-Methyl-2-Pentanone	10.215	43	257970	104.852	ug/l	100
52) Toluene	10.392	92	161185	20.465	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	84143	19.991	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	97621	20.444	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	53687	20.722	ug/l	97
56) Ethyl methacrylate	10.648	69	72299	20.854	ug/l	97
57) 1,3-Dichloropropane	10.934	76	90595	20.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	192035	100.139	ug/l	99
59) 2-Hexanone	10.971	43	180946	106.193	ug/l	100
60) Dibromochloromethane	11.129	129	59430	20.081	ug/l	100
61) 1,2-Dibromoethane	11.233	107	52100	20.693	ug/l	99
64) Tetrachloroethene	10.867	164	47470	20.534	ug/l	91
65) Chlorobenzene	11.660	112	176392	20.247	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.733	131	54330	19.988	ug/l	96
67) Ethyl Benzene	11.727	91	302504	20.500	ug/l	97
68) m/p-Xylenes	11.836	106	231893	40.725	ug/l	96
69) o-Xylene	12.166	106	107543	20.434	ug/l	99
70) Styrene	12.178	104	194078	20.761	ug/l	100
71) Bromoform	12.349	173	31350	20.163	ug/l #	99
73) Isopropylbenzene	12.464	105	266409	19.494	ug/l	99
74) N-amyl acetate	12.269	43	79492	20.275	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	66644	20.539	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	81702	30.784	ug/l	58
77) Bromobenzene	12.745	156	67682	20.736	ug/l	97
78) n-propylbenzene	12.800	91	340328	20.228	ug/l	100
79) 2-Chlorotoluene	12.891	91	209148	20.142	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	234936	20.250	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	19731	19.247	ug/l	92
82) 4-Chlorotoluene	12.989	91	220054	19.946	ug/l	98
83) tert-Butylbenzene	13.202	119	194628	20.213	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	247687	20.972	ug/l	99
85) sec-Butylbenzene	13.379	105	295479	20.297	ug/l	98
86) p-Isopropyltoluene	13.495	119	247079	20.359	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	134680	20.737	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	136123	20.740	ug/l	98
89) n-Butylbenzene	13.818	91	235344	19.961	ug/l	99
90) Hexachloroethane	14.086	117	41787	18.827	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	122421	20.808	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	11304	19.597	ug/l	99
93) 1,2,4-Trichlorobenzene	15.122	180	71854	20.416	ug/l	95
94) Hexachlorobutadiene	15.226	225	30590	19.444	ug/l	99
95) Naphthalene	15.360	128	174401	20.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	65985	20.606	ug/l	98

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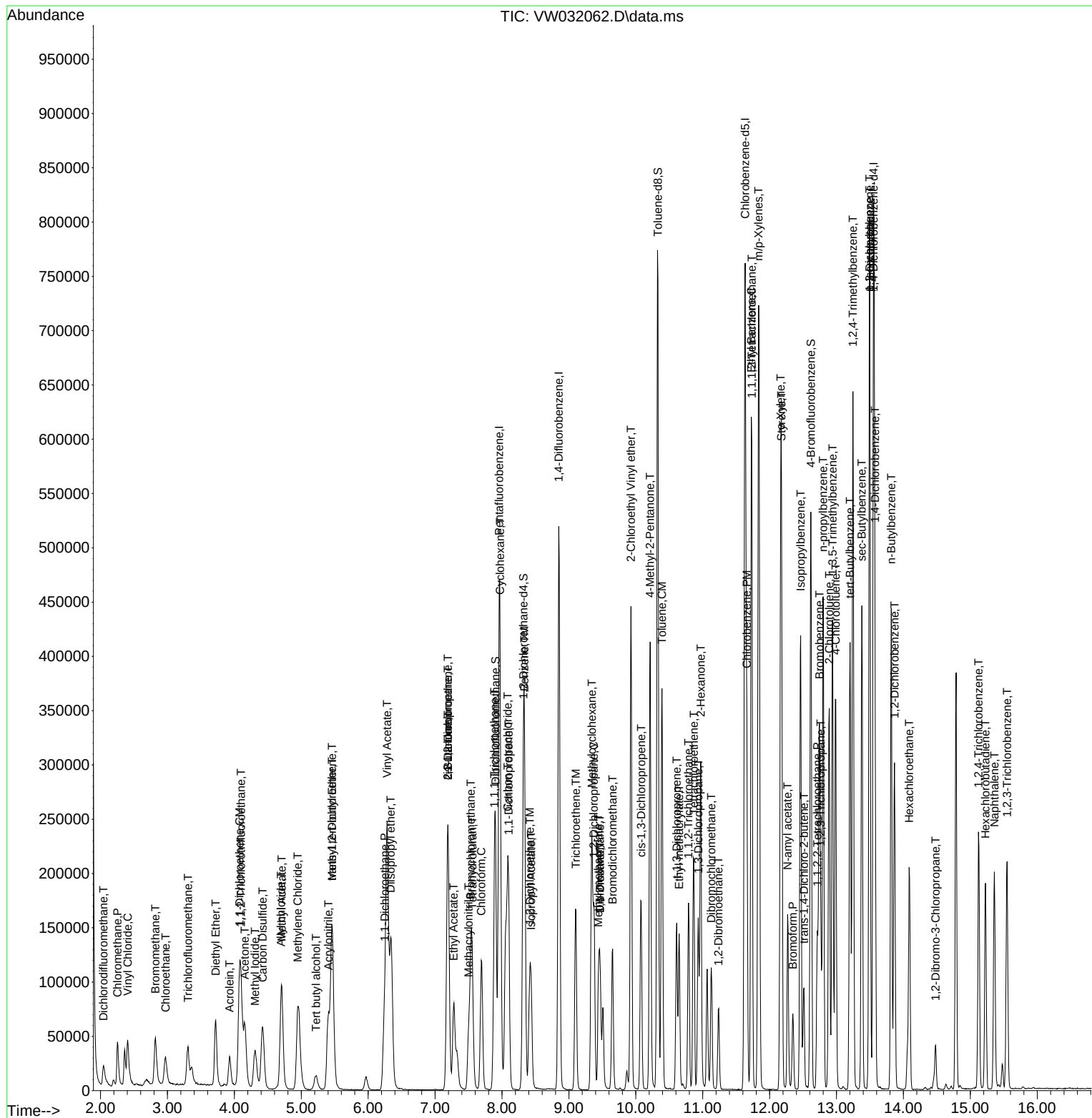
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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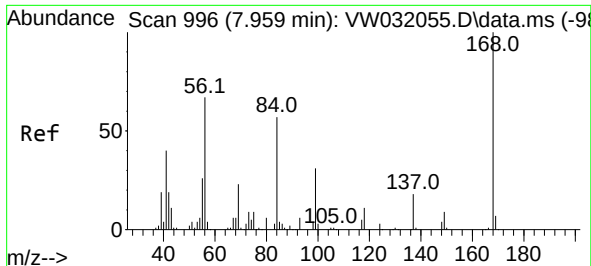
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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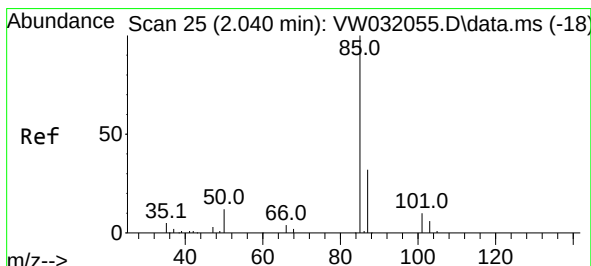
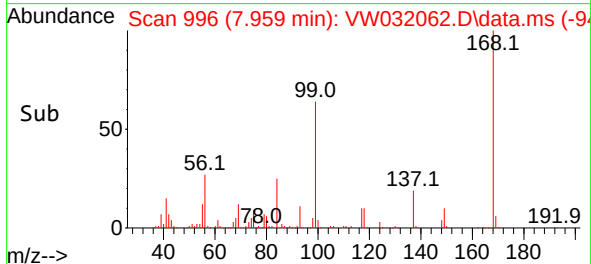
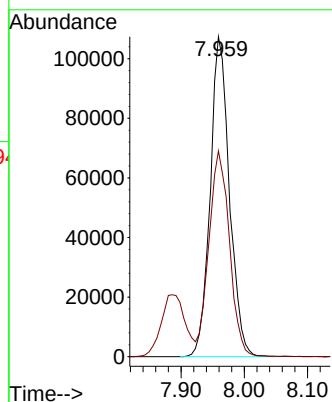
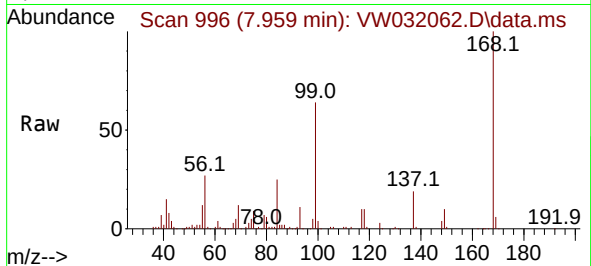




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032062.D
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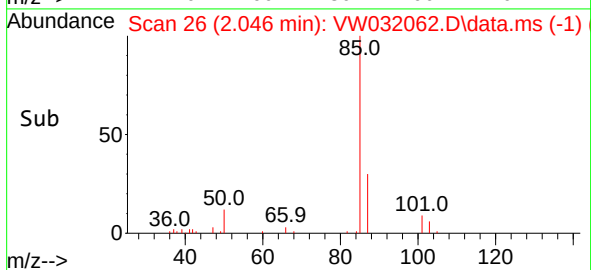
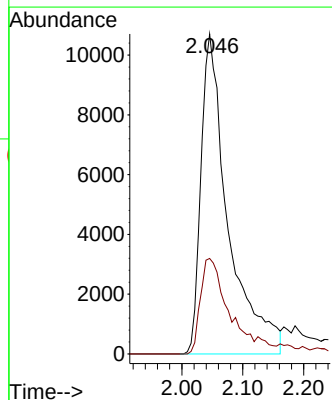
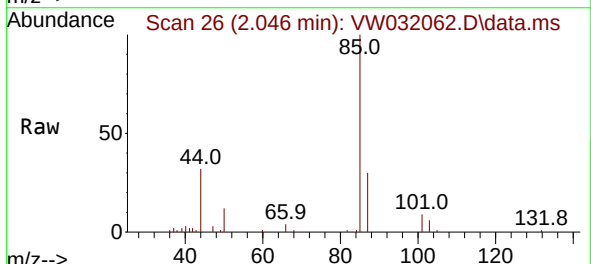
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

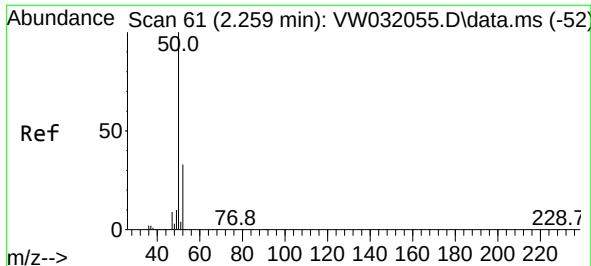
Tgt Ion:168 Resp: 226773
Ion Ratio Lower Upper
168 100
99 64.2 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 20.433 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 85 Resp: 33141
Ion Ratio Lower Upper
85 100
87 29.9 16.2 48.6

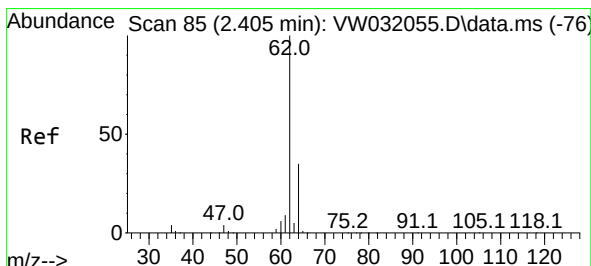
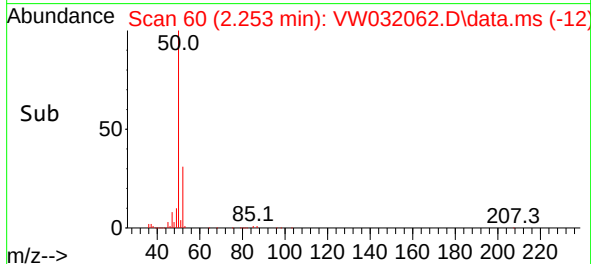
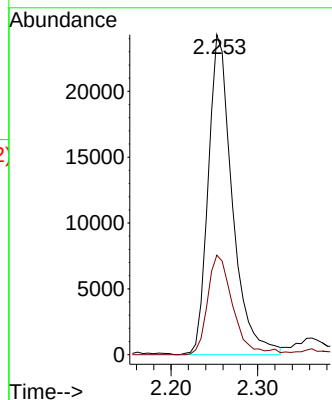
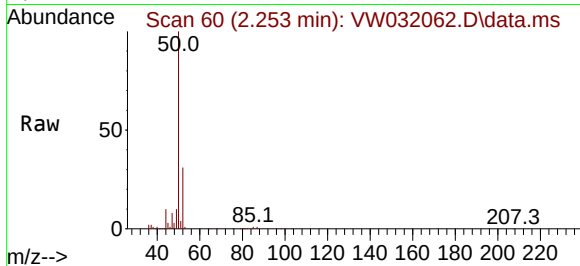




#3
Chloromethane
Concen: 21.468 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

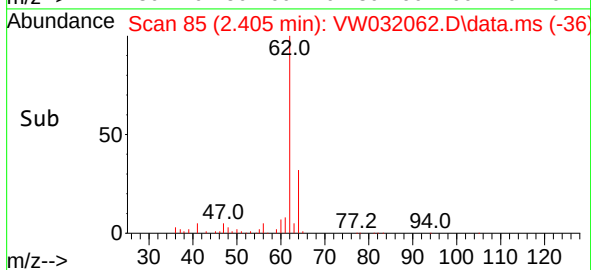
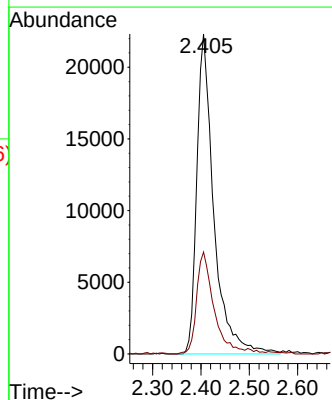
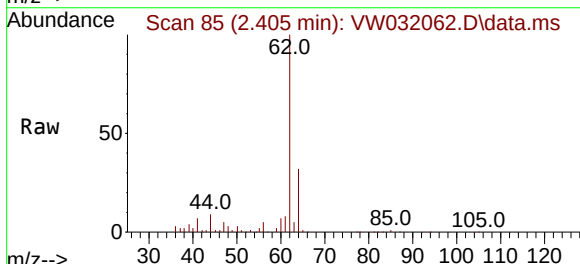
Instrument :
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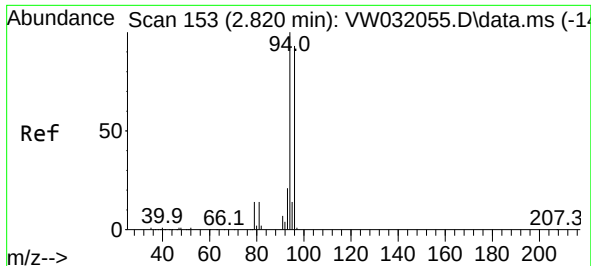
Tgt Ion: 50 Resp: 46903
Ion Ratio Lower Upper
50 100
52 31.1 26.6 39.8



#4
Vinyl Chloride
Concen: 20.553 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 62 Resp: 54316
Ion Ratio Lower Upper
62 100
64 31.5 27.8 41.6

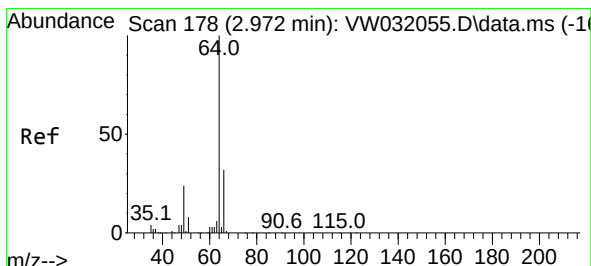
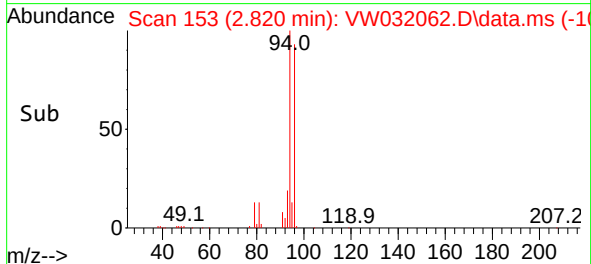
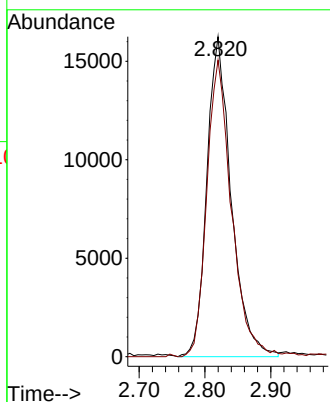
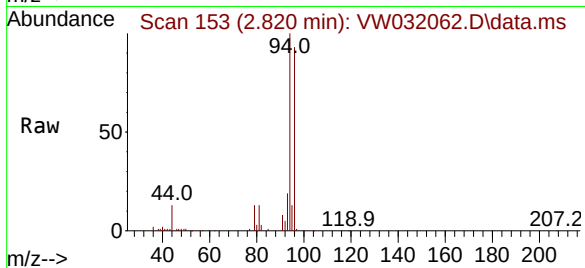




#5
Bromomethane
Concen: 21.144 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

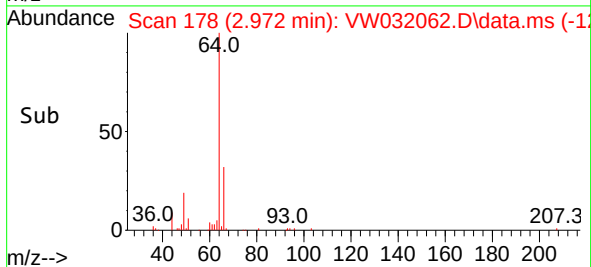
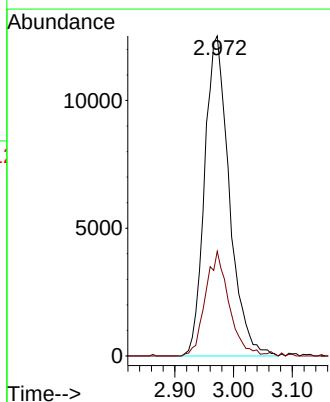
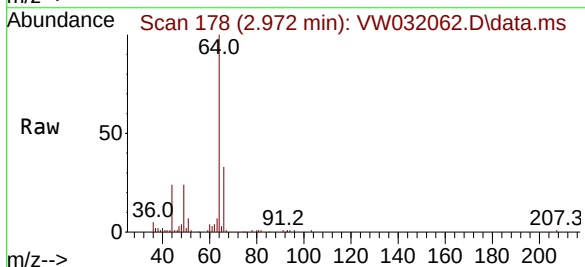
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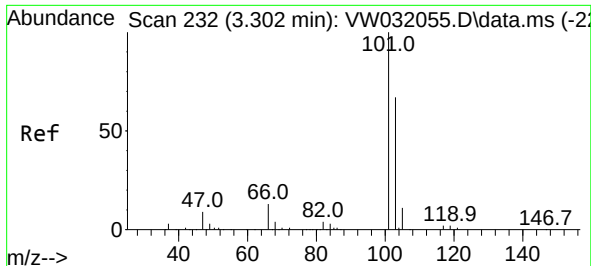
Tgt Ion: 94 Resp: 41922
Ion Ratio Lower Upper
94 100
96 92.6 74.7 112.1



#6
Chloroethane
Concen: 20.911 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 64 Resp: 36568
Ion Ratio Lower Upper
64 100
66 32.7 26.0 39.0

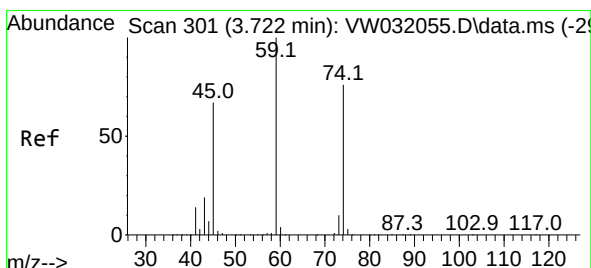
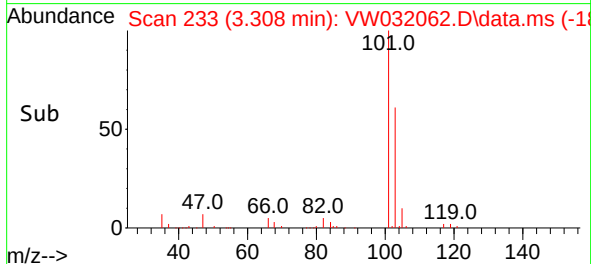
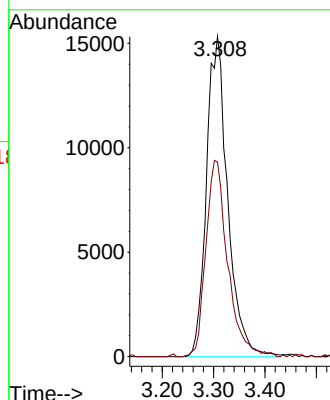
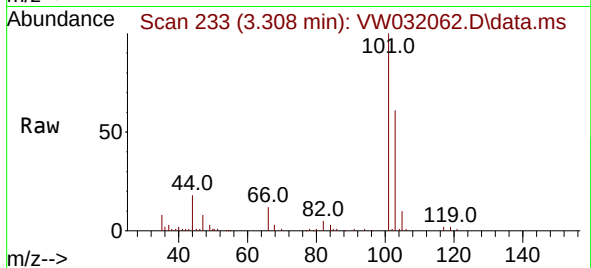




#7
 Trichlorofluoromethane
 Concen: 20.739 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

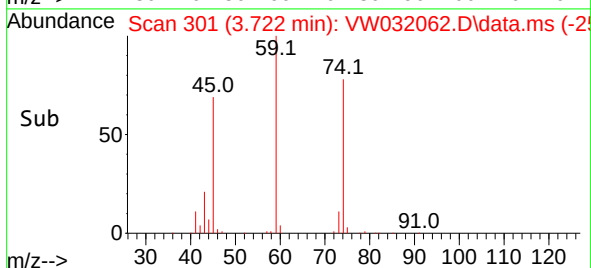
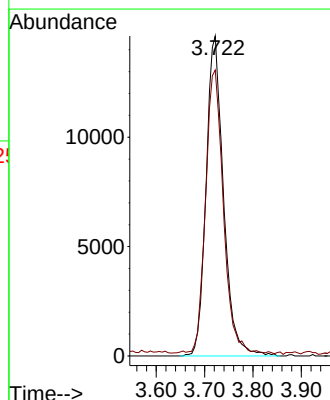
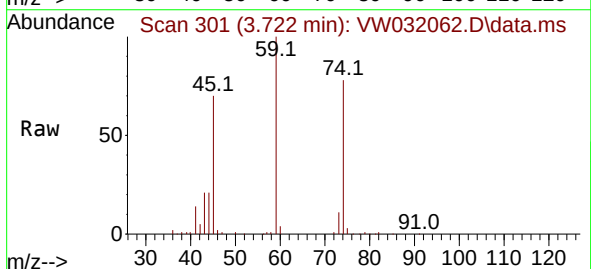
Instrument :
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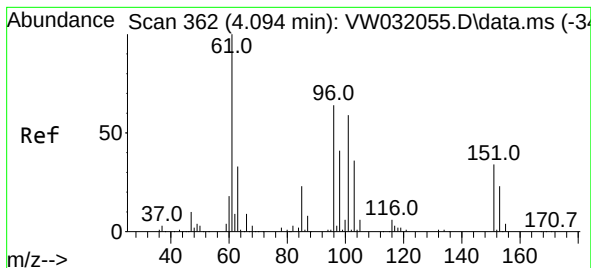
Tgt Ion:101 Resp: 43905
 Ion Ratio Lower Upper
 101 100
 103 60.8 53.4 80.0



#8
 Diethyl Ether
 Concen: 21.118 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

Tgt Ion: 74 Resp: 36629
 Ion Ratio Lower Upper
 74 100
 45 89.2 45.4 136.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.810 ug/l

RT: 4.100 min Scan# 362

Delta R.T. 0.006 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

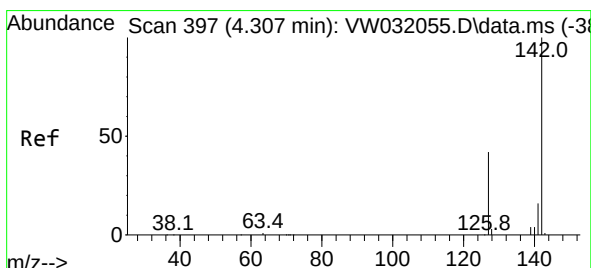
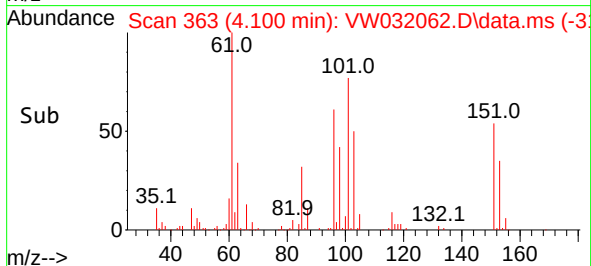
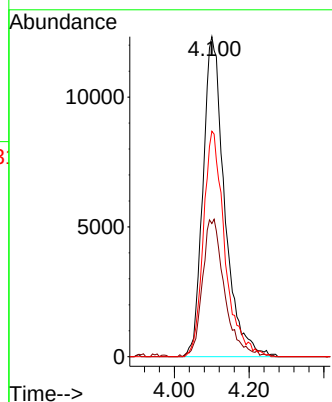
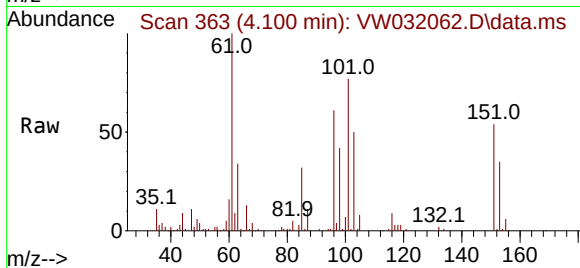
Tgt Ion:101 Resp: 49478

Ion Ratio Lower Upper

101 100

85 44.1 34.9 52.3

151 70.0 56.2 84.4



#10

Methyl Iodide

Concen: 20.829 ug/l

RT: 4.307 min Scan# 397

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

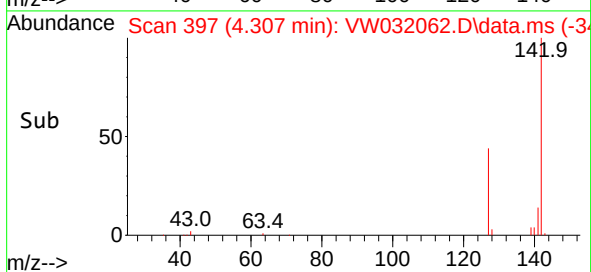
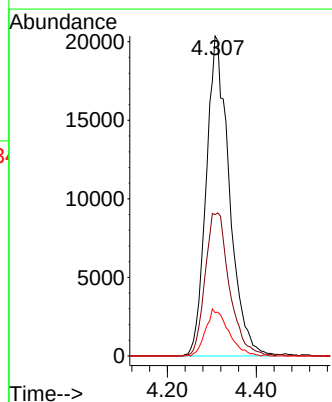
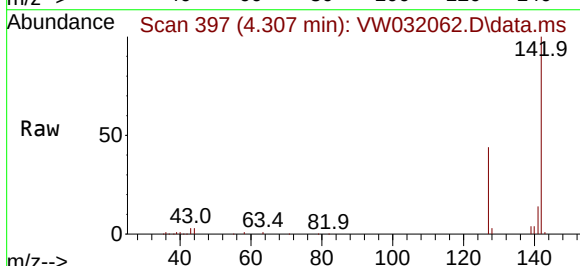
Tgt Ion:142 Resp: 73761

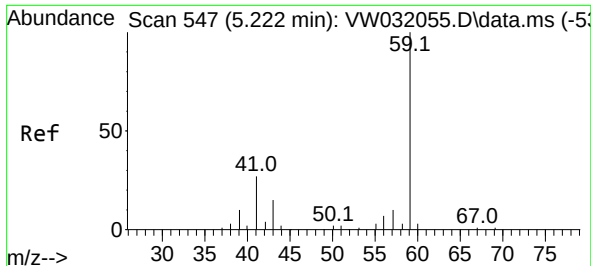
Ion Ratio Lower Upper

142 100

127 47.0 36.6 55.0

141 14.5 12.1 18.1

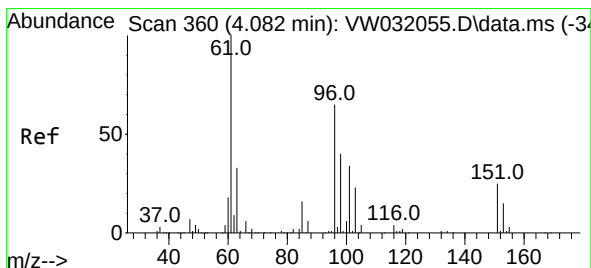
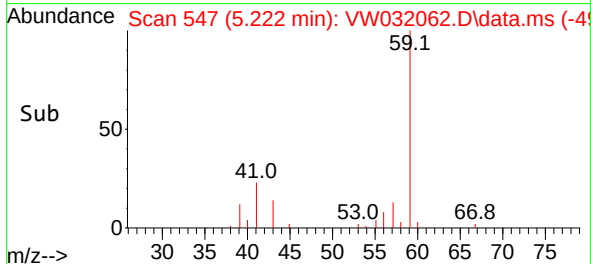
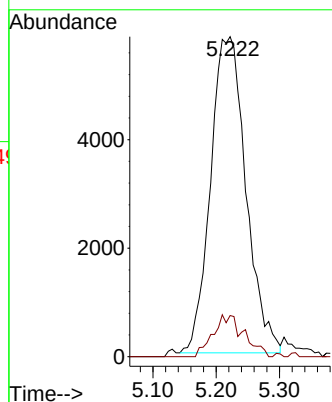
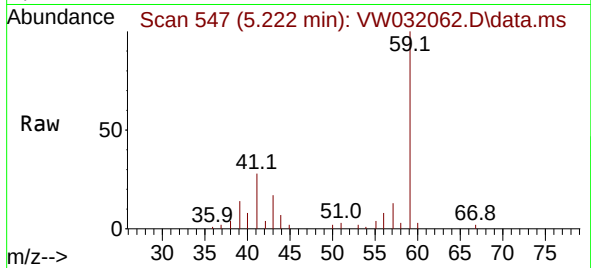




#11
Tert butyl alcohol
Concen: 106.589 ug/l
RT: 5.222 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

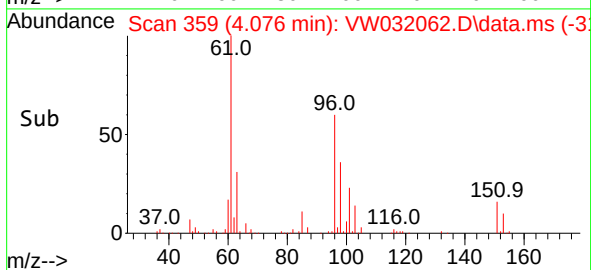
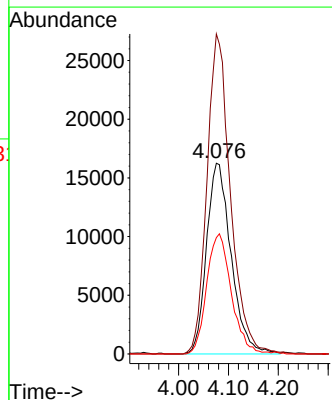
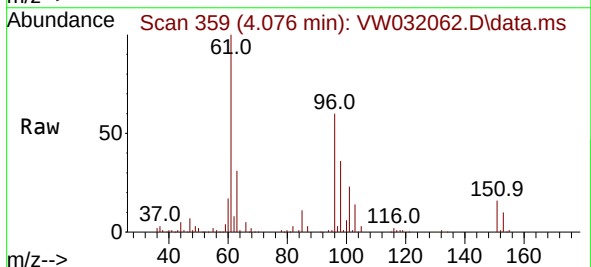
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

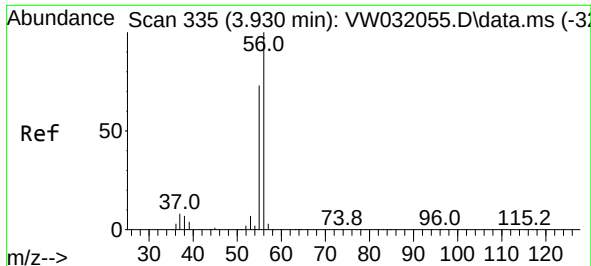
Tgt Ion: 59 Resp: 22637
Ion Ratio Lower Upper
59 100
57 11.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 20.223 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 96 Resp: 55617
Ion Ratio Lower Upper
96 100
61 167.8 123.4 185.2
98 61.0 49.5 74.3

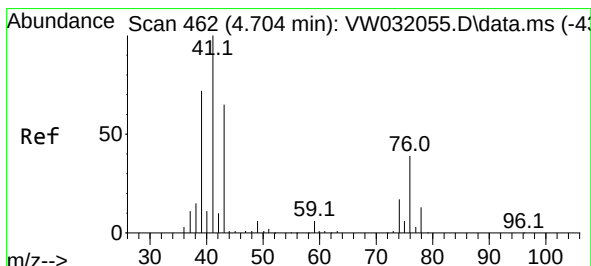
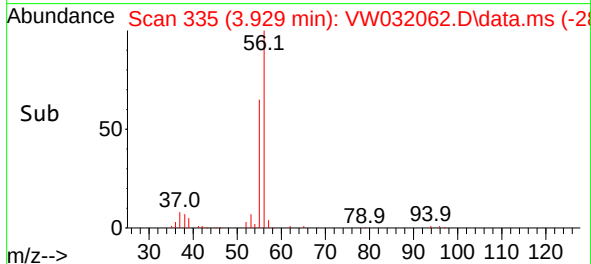
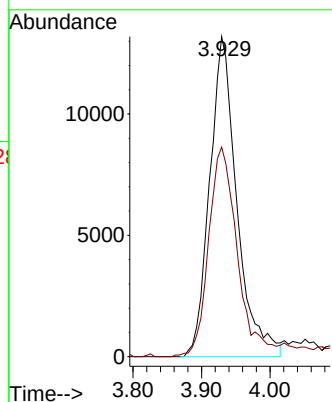
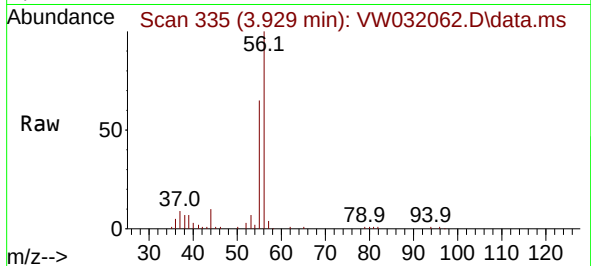




#13
Acrolein
Concen: 107.518 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

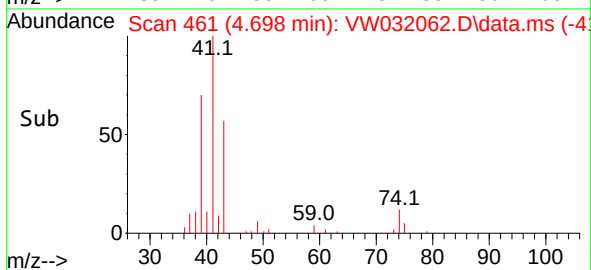
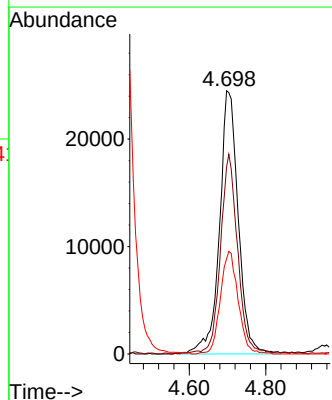
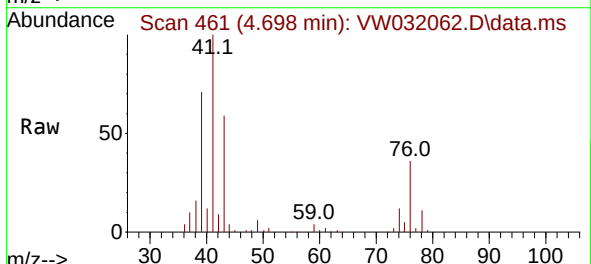
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

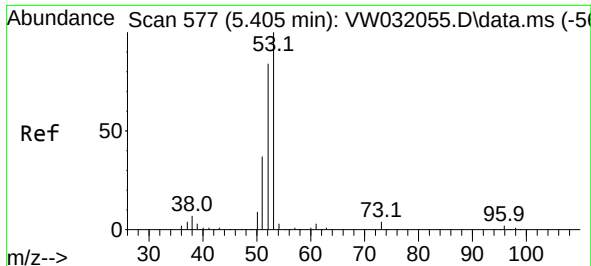
Tgt Ion: 56 Resp: 36383
Ion Ratio Lower Upper
56 100
55 68.8 55.4 83.2



#14
Allyl chloride
Concen: 20.889 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 41 Resp: 83613
Ion Ratio Lower Upper
41 100
39 69.6 54.5 81.7
76 36.8 29.3 43.9

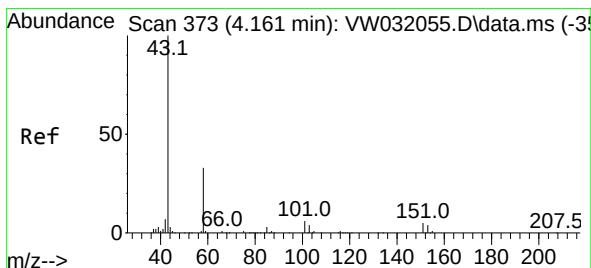
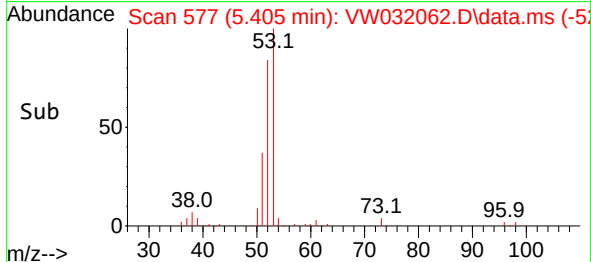
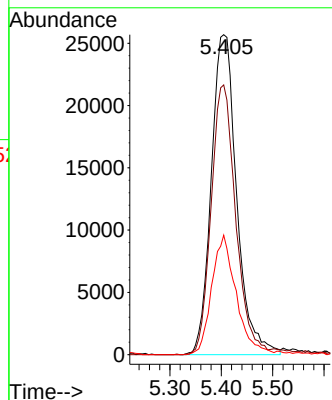
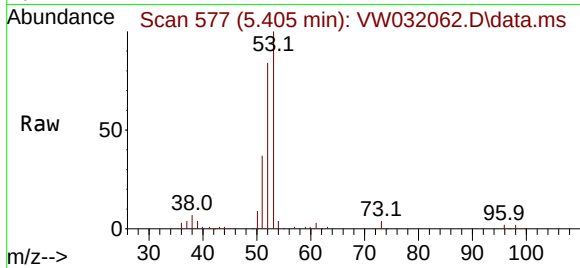




#15
Acrylonitrile
Concen: 106.933 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

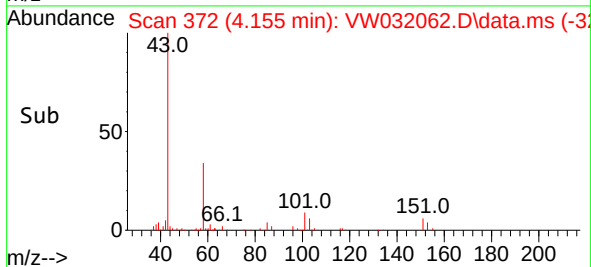
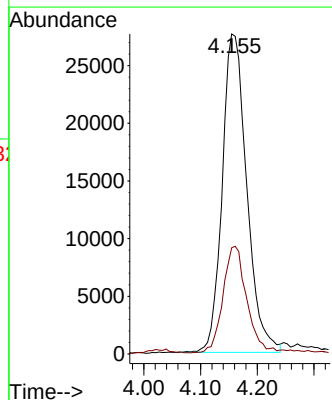
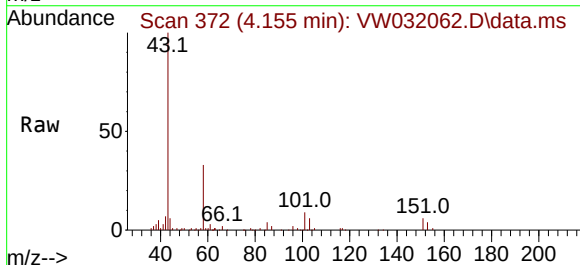
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

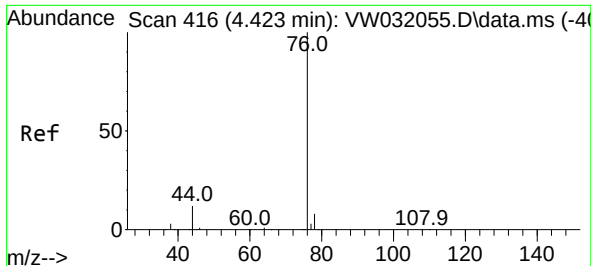
Tgt Ion: 53 Resp: 88342
Ion Ratio Lower Upper
53 100
52 81.5 66.1 99.1
51 35.9 29.2 43.8



#16
Acetone
Concen: 109.296 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 43 Resp: 82994
Ion Ratio Lower Upper
43 100
58 32.7 26.6 39.8

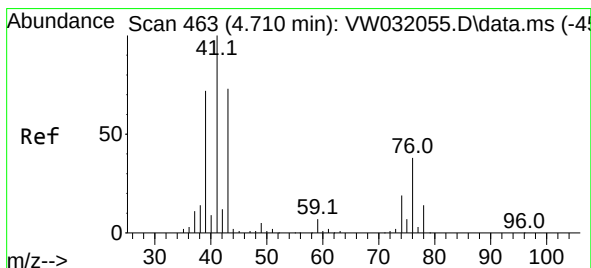
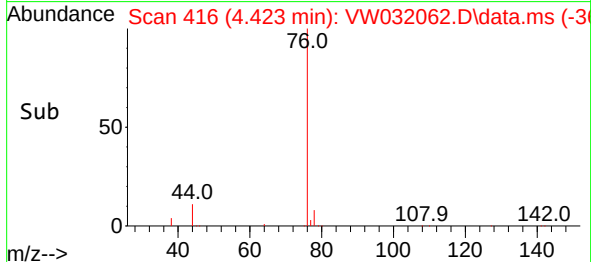
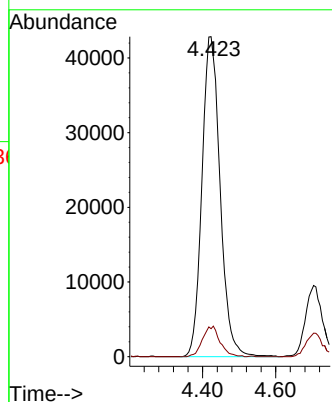
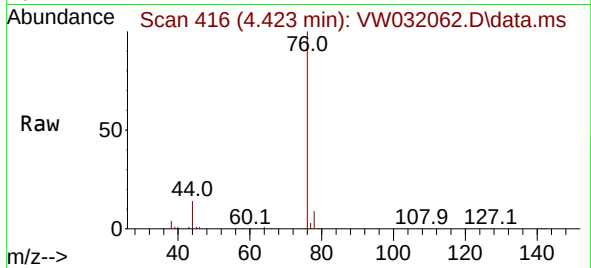




#17
Carbon Disulfide
Concen: 20.010 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

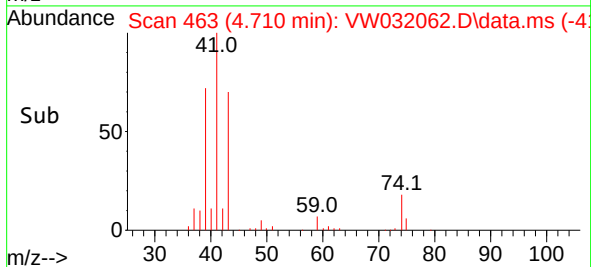
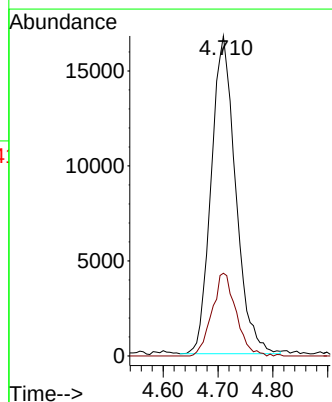
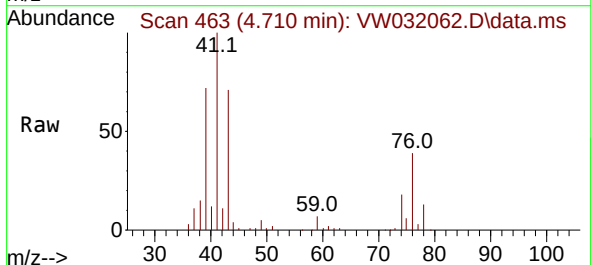
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

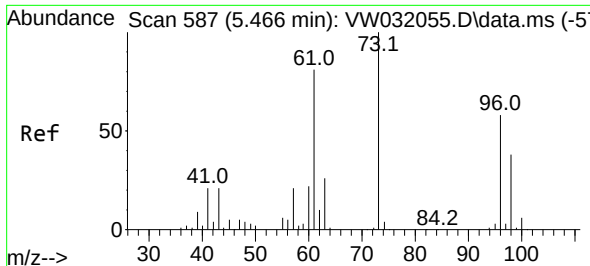
Tgt Ion: 76 Resp: 147711
Ion Ratio Lower Upper
76 100
78 8.8 6.4 9.6



#18
Methyl Acetate
Concen: 21.540 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 43 Resp: 51758
Ion Ratio Lower Upper
43 100
74 25.6 20.6 31.0

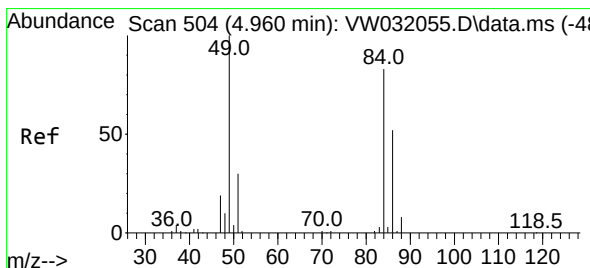
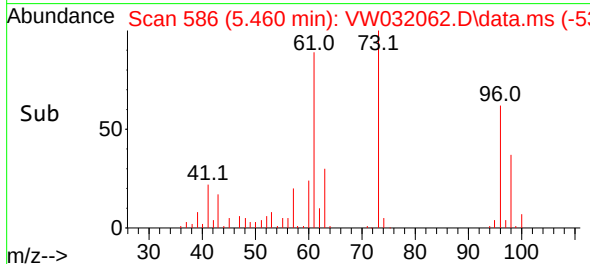
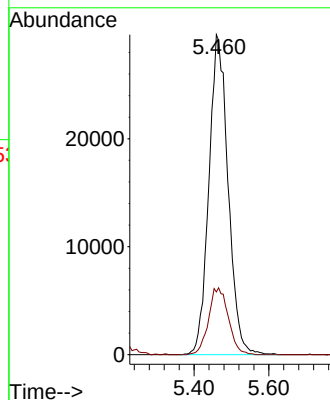
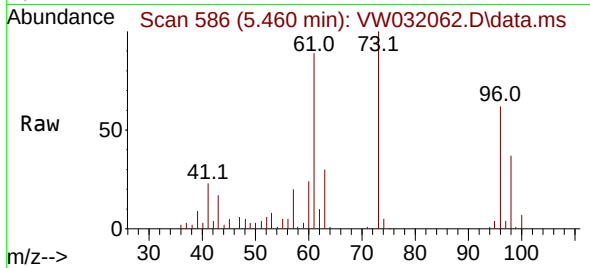




#19
Methyl tert-butyl Ether
Concen: 21.820 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

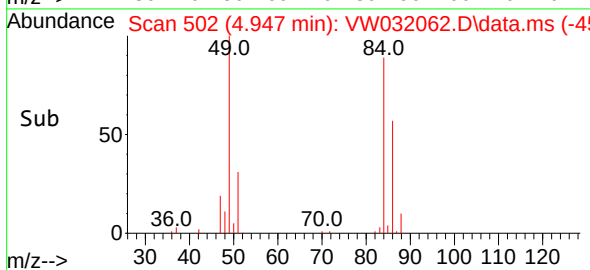
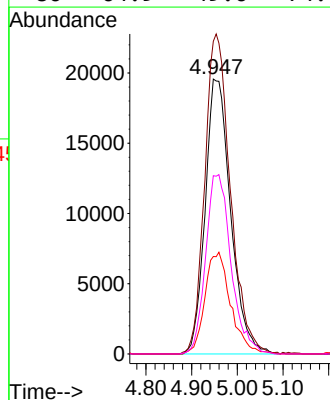
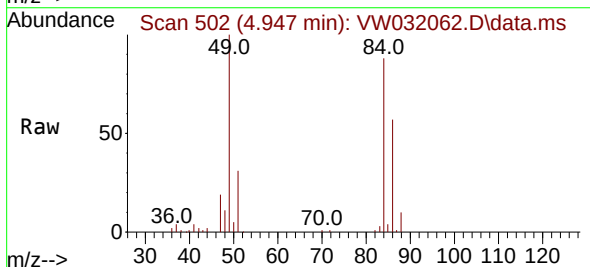
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

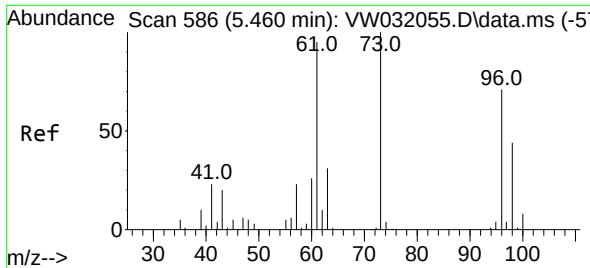
Tgt Ion: 73 Resp: 105734
Ion Ratio Lower Upper
73 100
57 19.6 17.2 25.8



#20
Methylene Chloride
Concen: 21.617 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 84 Resp: 75897
Ion Ratio Lower Upper
84 100
49 113.8 95.9 143.9
51 35.4 28.6 43.0
86 64.9 49.6 74.4

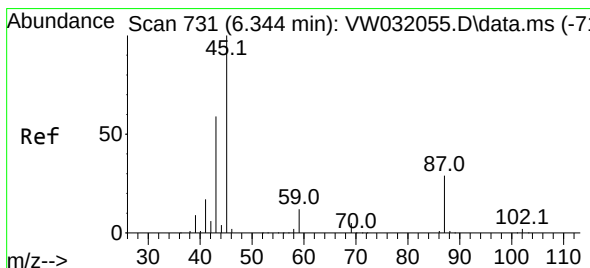
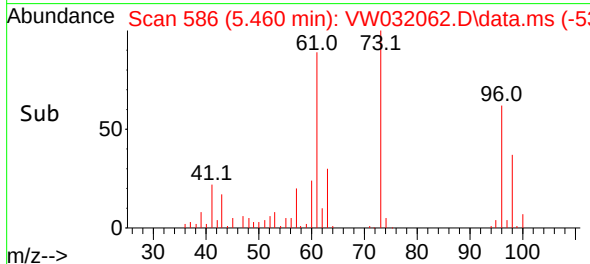
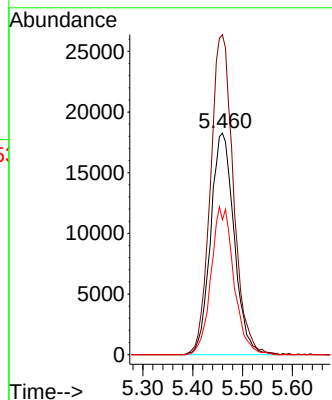
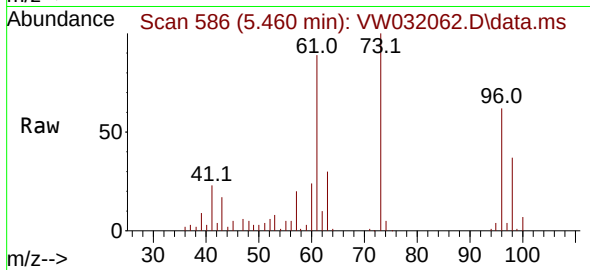




#21
trans-1,2-Dichloroethene
Concen: 20.474 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

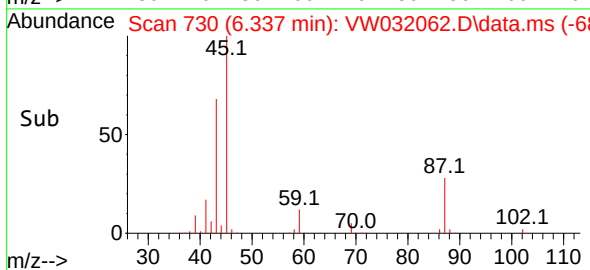
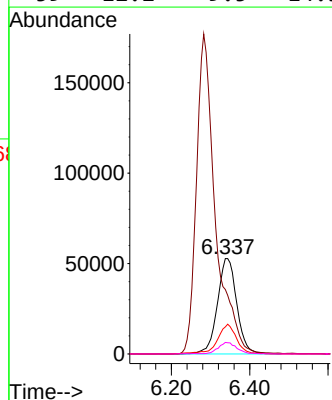
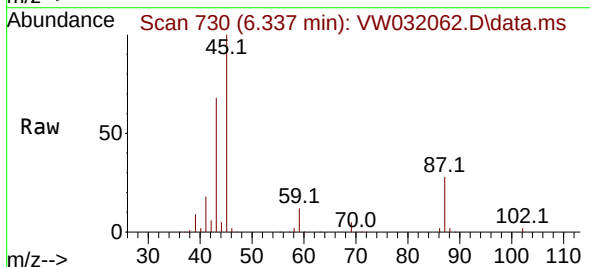
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

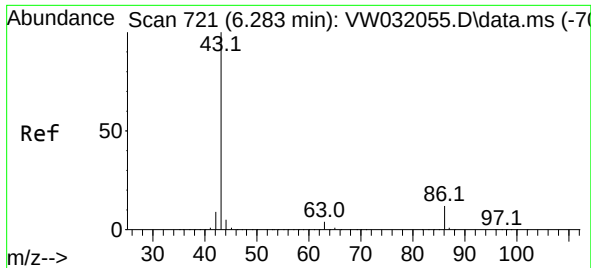
Tgt Ion: 96 Resp: 59755
Ion Ratio Lower Upper
96 100
61 144.4 106.8 160.2
98 60.8 49.6 74.4



#22
Diisopropyl ether
Concen: 21.493 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 45 Resp: 181364
Ion Ratio Lower Upper
45 100
43 67.2 47.0 70.4
87 28.4 23.8 35.8
59 12.2 9.5 14.3

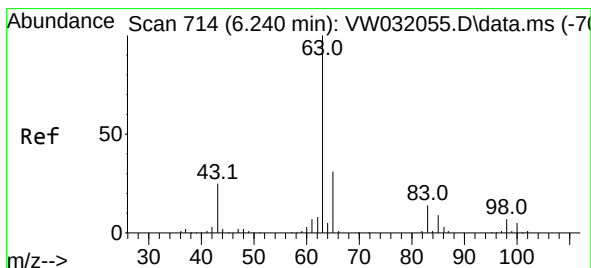
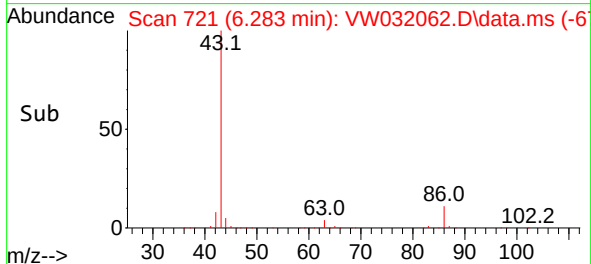
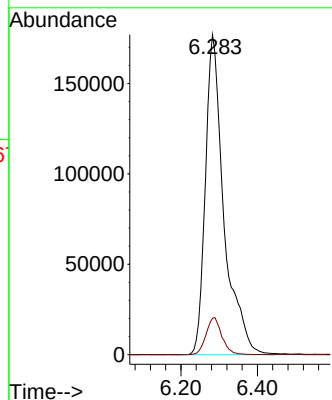
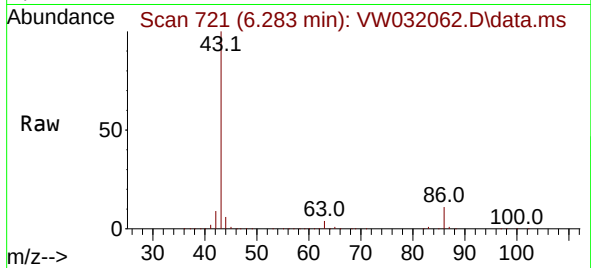




#23
 Vinyl Acetate
 Concen: 107.662 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

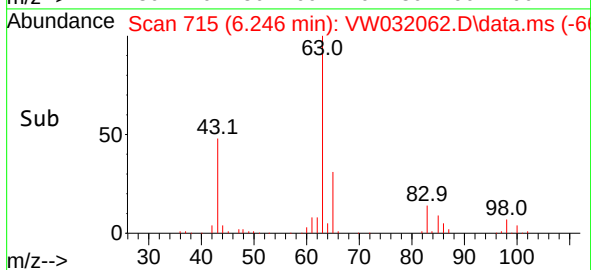
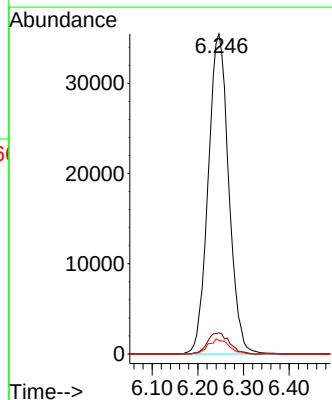
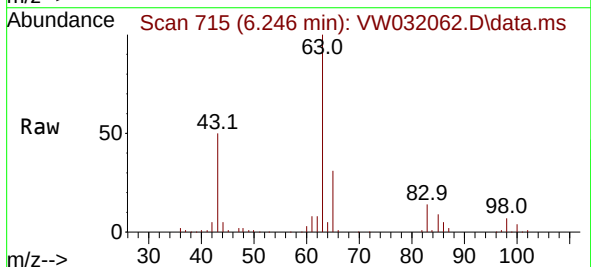
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBSD01

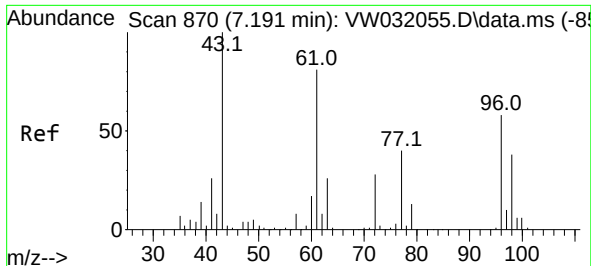
Tgt Ion: 43 Resp: 596458
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.536 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

Tgt Ion: 63 Resp: 110715
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.7 11.1
 100 4.2 2.5 7.4

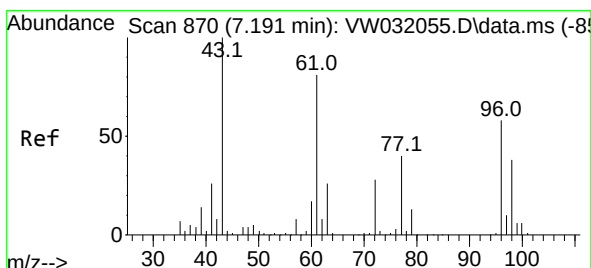
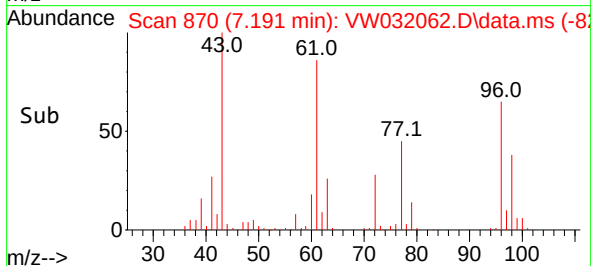
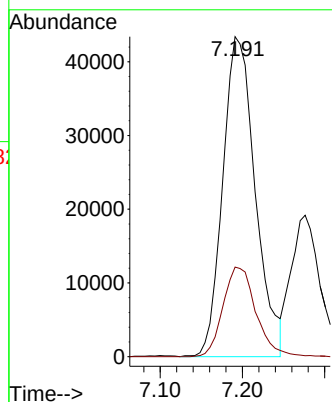
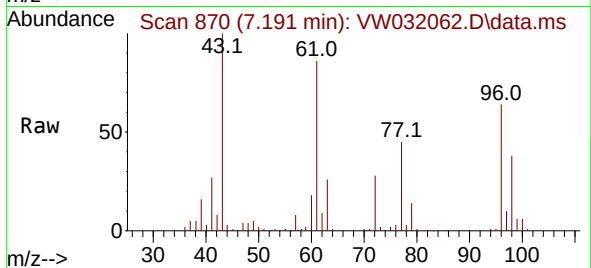




#25
2-Butanone
Concen: 110.592 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

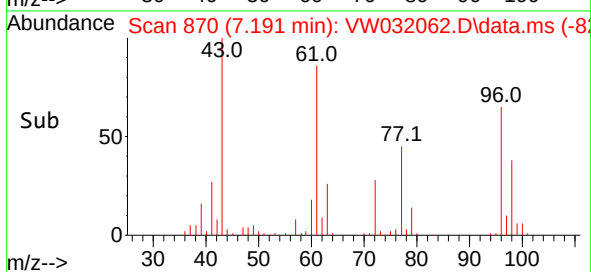
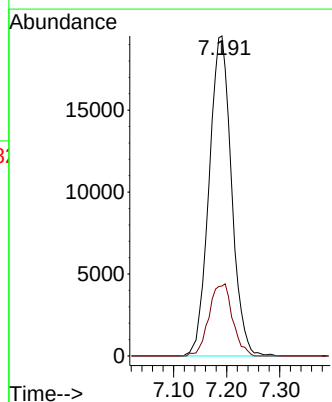
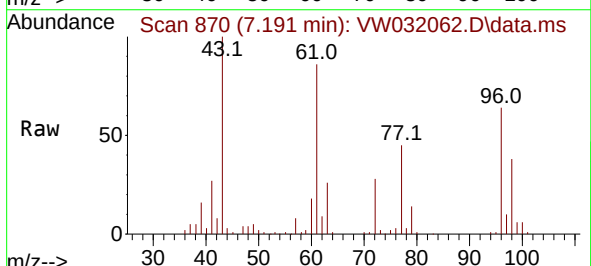
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

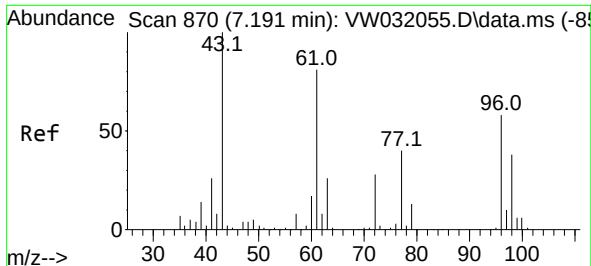
Tgt Ion: 43 Resp: 119355
Ion Ratio Lower Upper
43 100
72 28.0 22.3 33.5



#26
2,2-Dichloropropane
Concen: 21.188 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 77 Resp: 57308
Ion Ratio Lower Upper
77 100
97 23.6 12.3 36.9



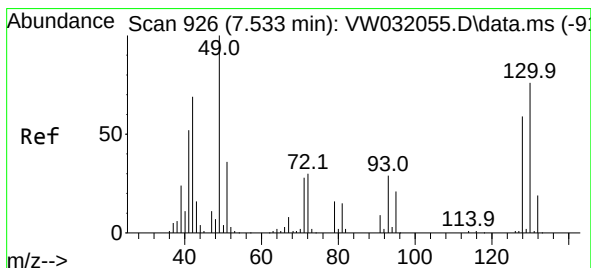
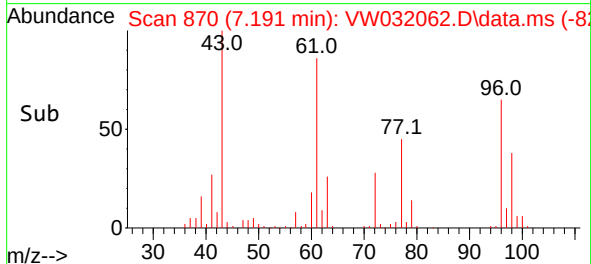
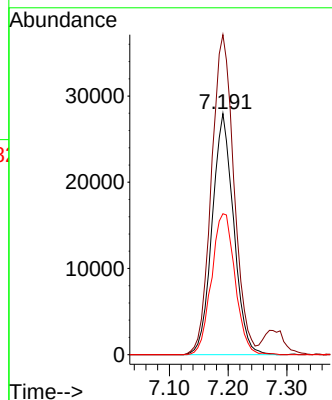
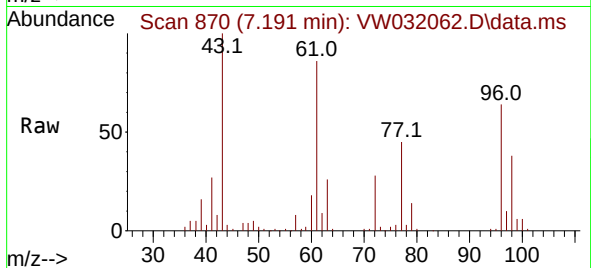


#27
 cis-1,2-Dichloroethene
 Concen: 20.829 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBSD01

Tgt Ion: 96 Resp: 71058

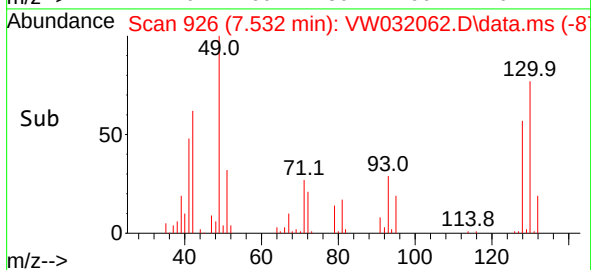
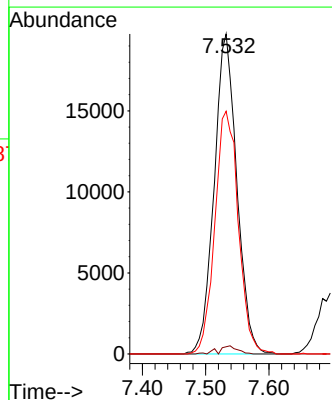
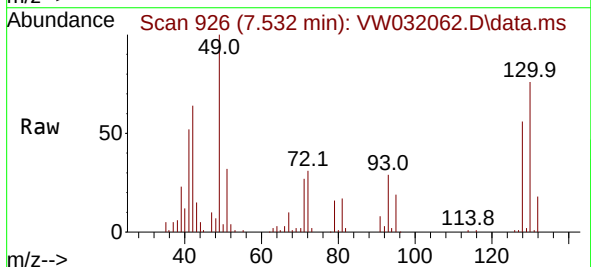
Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	281.2
98	63.9	0.0	130.8

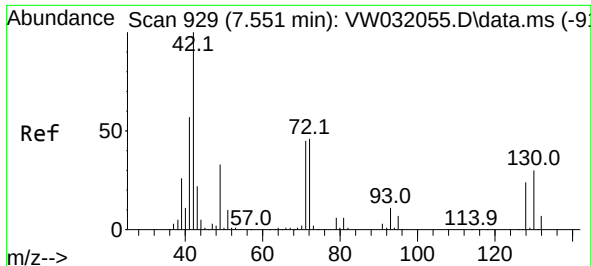


#28
 Bromochloromethane
 Concen: 20.039 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

Tgt Ion: 49 Resp: 49164

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.2
130	78.4	61.9	92.9

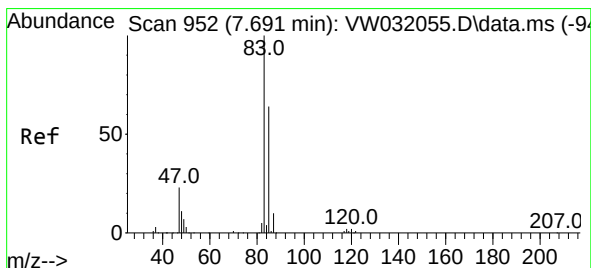
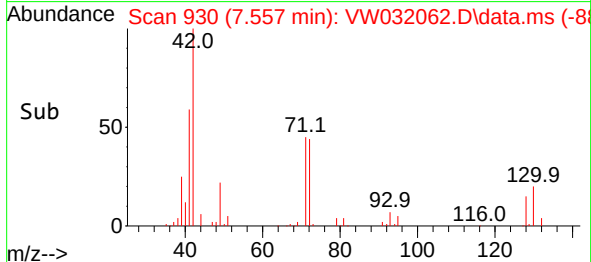
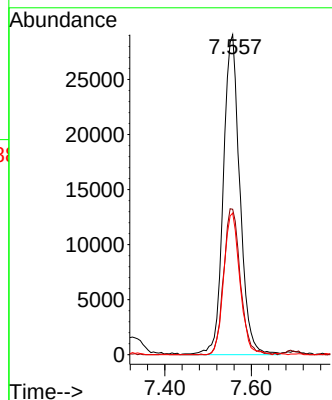
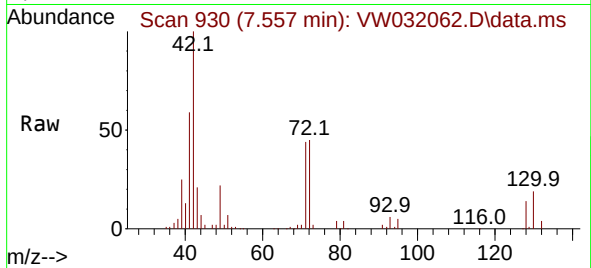




#29
Tetrahydrofuran
Concen: 108.972 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

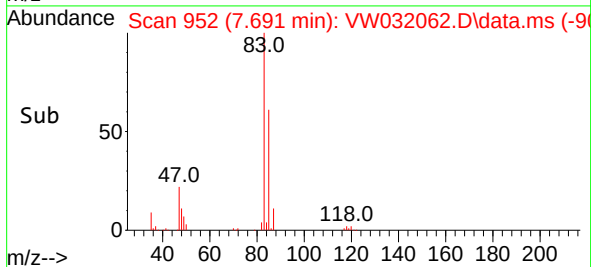
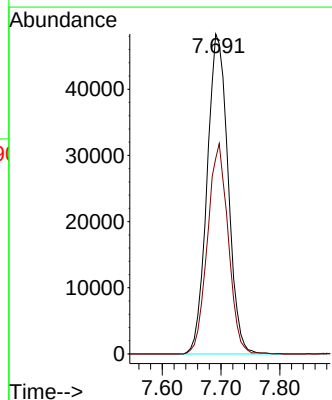
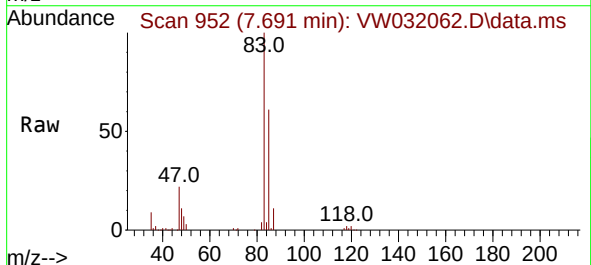
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

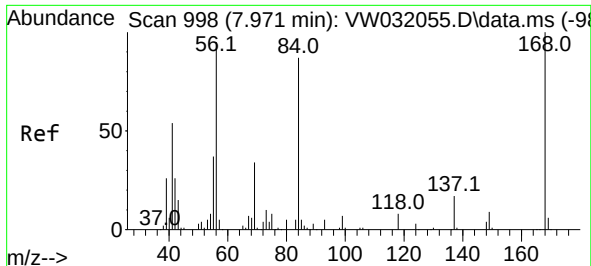
Tgt Ion: 42 Resp: 77560
Ion Ratio Lower Upper
42 100
72 46.0 36.6 55.0
71 43.2 34.7 52.1



#30
Chloroform
Concen: 20.980 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 83 Resp: 119914
Ion Ratio Lower Upper
83 100
85 61.1 51.0 76.4

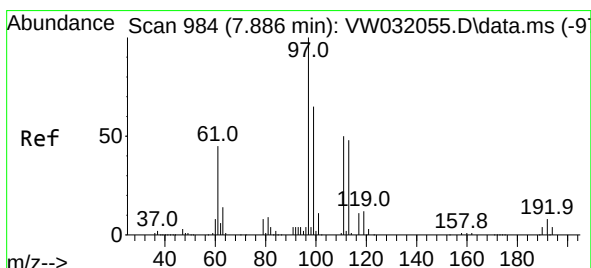
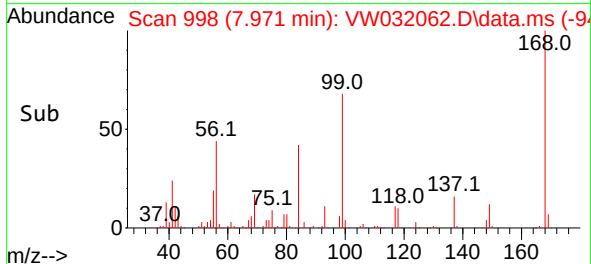
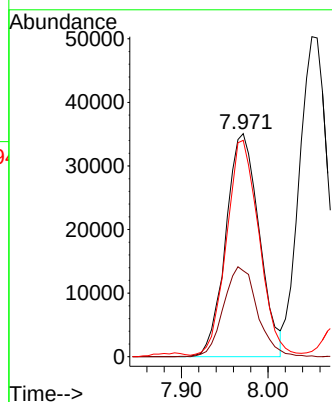
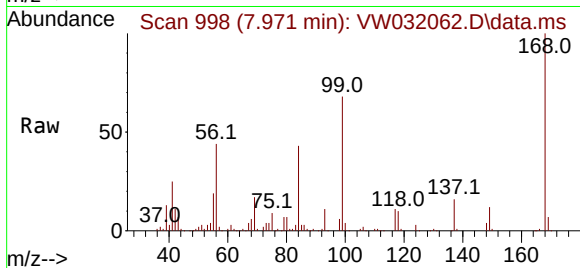




#31
Cyclohexane
Concen: 20.129 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

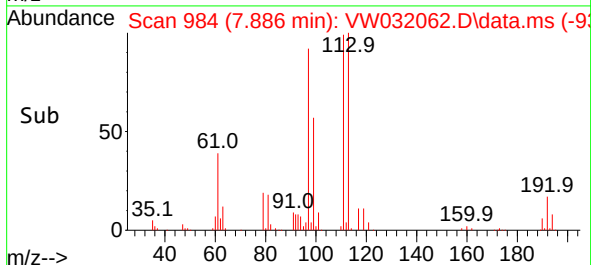
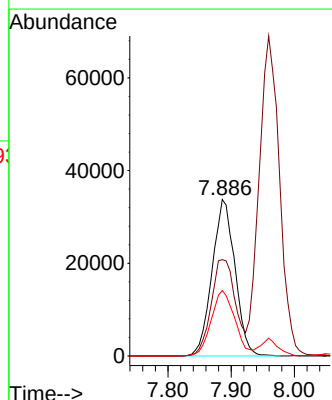
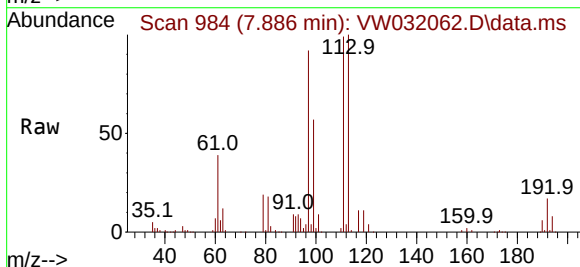
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

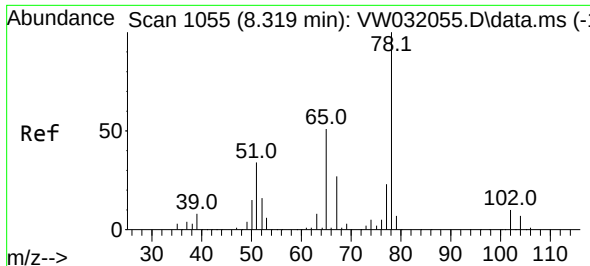
Tgt Ion: 56 Resp: 94081
Ion Ratio Lower Upper
56 100
69 38.4 28.6 42.8
84 95.4 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 20.417 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 97 Resp: 84762
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.8
61 43.2 35.9 53.9

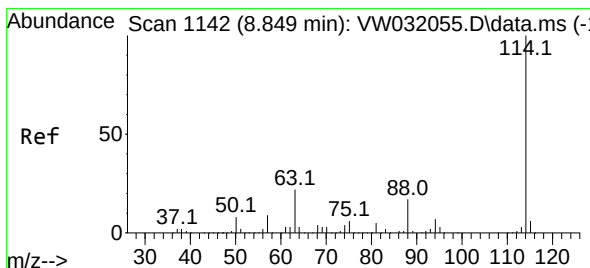
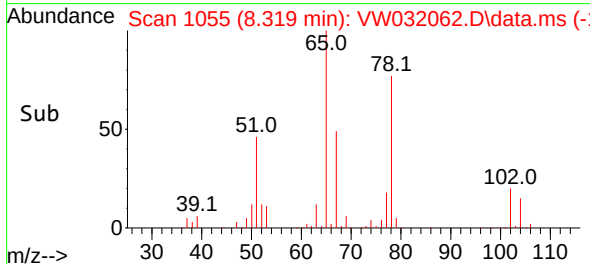
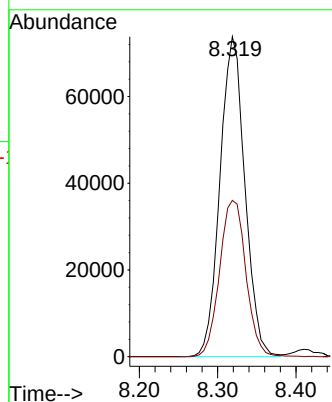
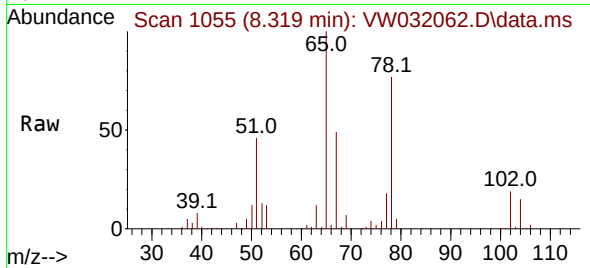




#33
 1,2-Dichloroethane-d4
 Concen: 49.758 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

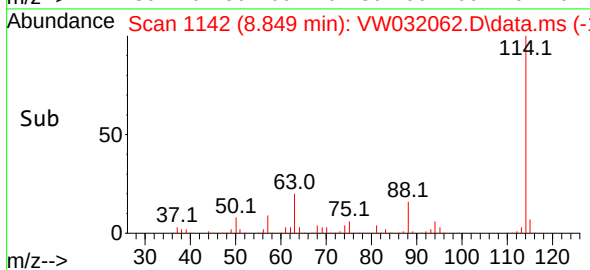
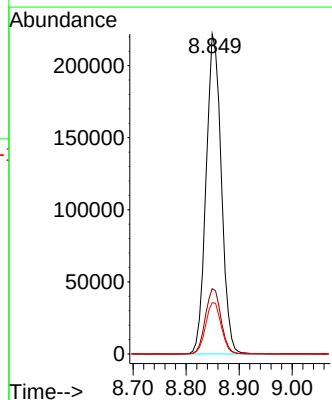
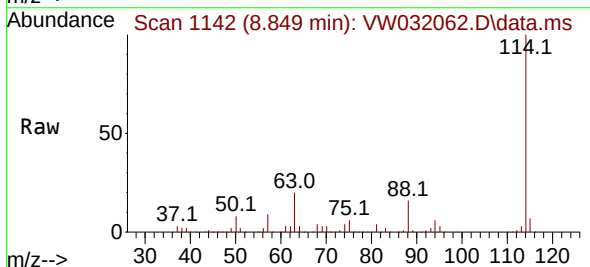
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBSD01

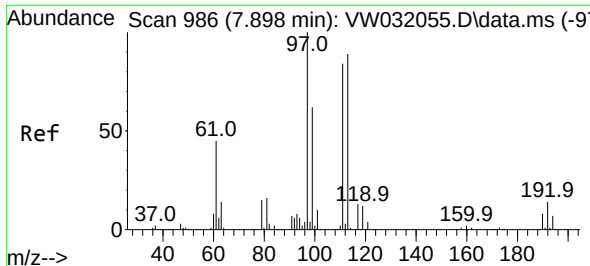
Tgt Ion: 65 Resp: 163196
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

Tgt Ion: 114 Resp: 441696
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.0
 88 16.0 0.0 33.8

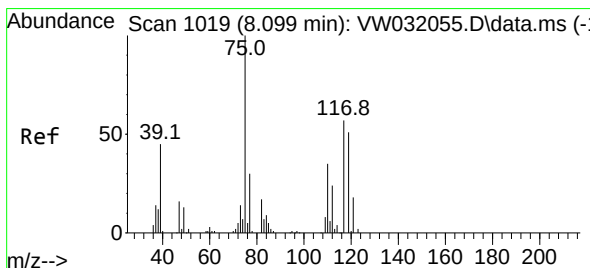
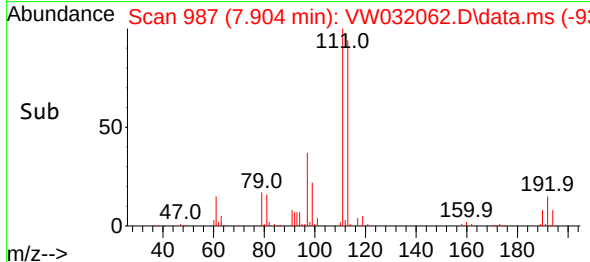
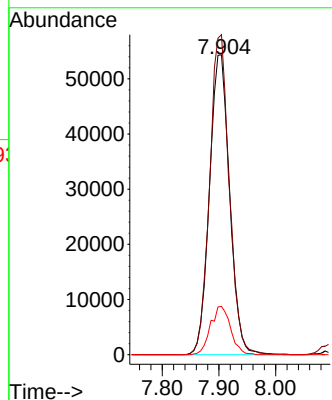
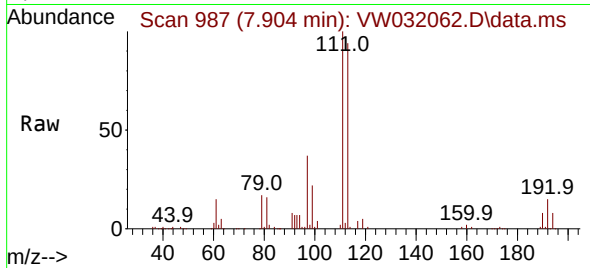




#35
 Dibromofluoromethane
 Concen: 47.032 ug/l
 RT: 7.904 min Scan# 986
 Delta R.T. 0.006 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

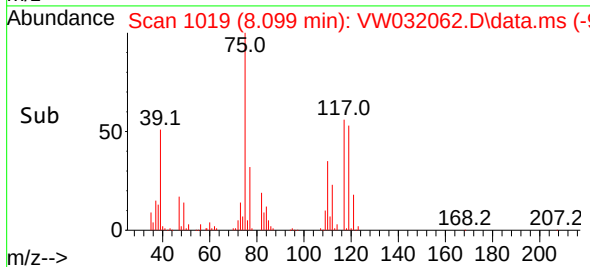
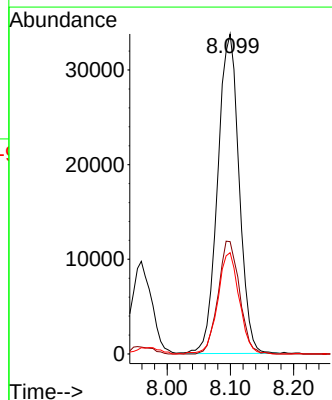
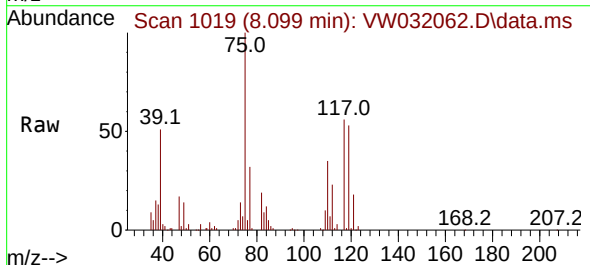
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBSD01

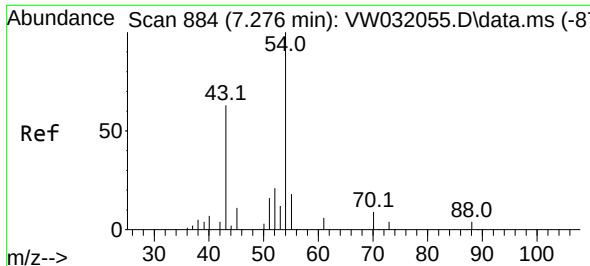
Tgt Ion:113 Resp: 134207
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.1 120.1
 192 16.1 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 19.708 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

Tgt Ion: 75 Resp: 79280
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.4 52.2
 77 31.9 24.7 37.1

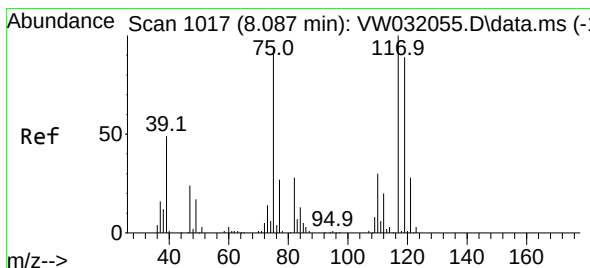
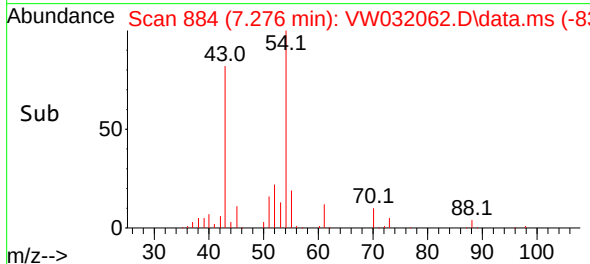
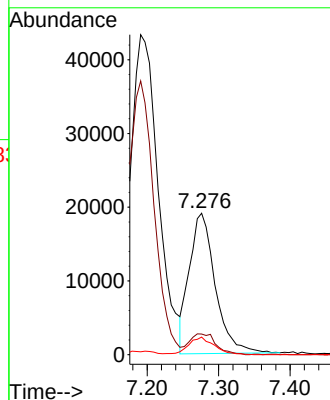
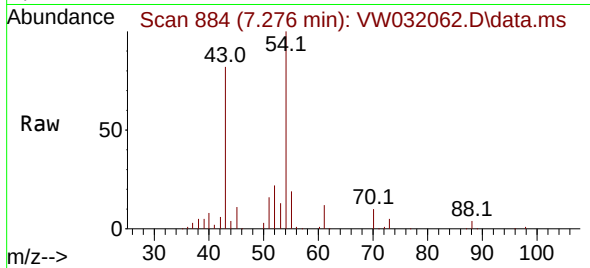




#37
Ethyl Acetate
Concen: 20.284 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

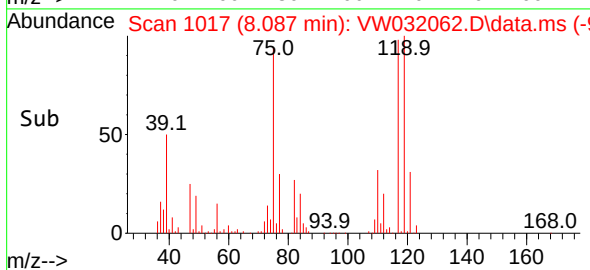
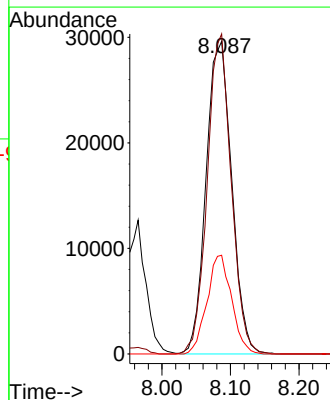
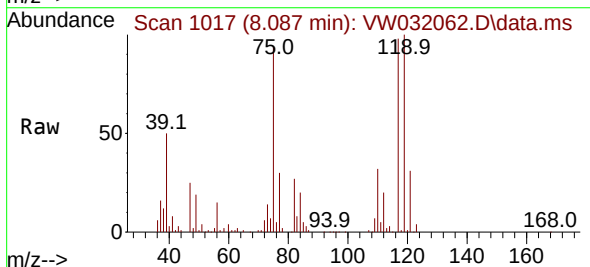
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

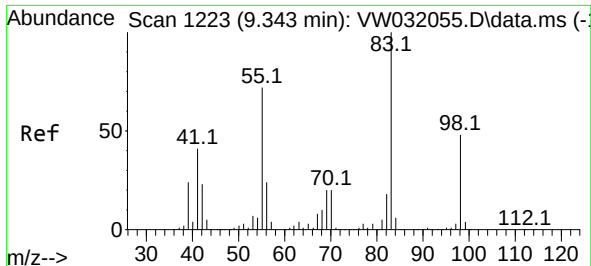
Tgt Ion: 43 Resp: 48057
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 12.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.825 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 117 Resp: 76962
Ion Ratio Lower Upper
117 100
119 102.4 71.4 107.2
121 31.6 22.3 33.5





#39

Methylcyclohexane

Concen: 20.117 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBSD01

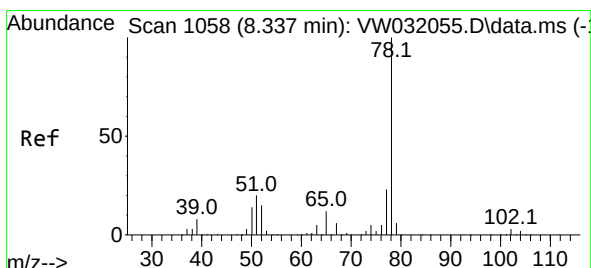
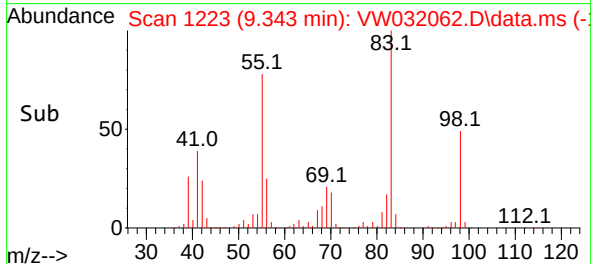
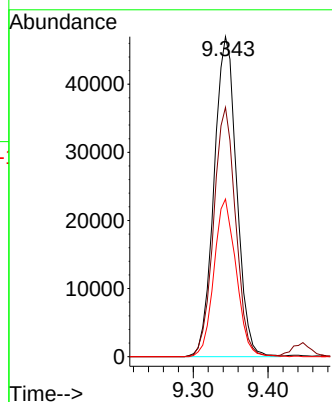
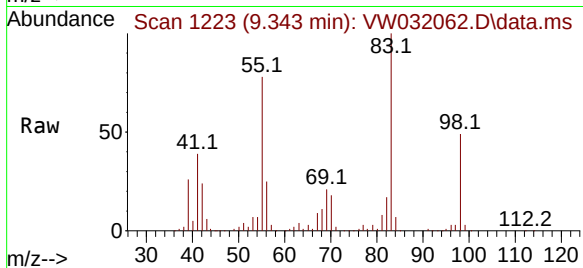
Tgt Ion: 83 Resp: 98634

Ion Ratio Lower Upper

83 100

55 77.9 57.9 86.9

98 49.2 38.3 57.5



#40

Benzene

Concen: 20.229 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032062.D

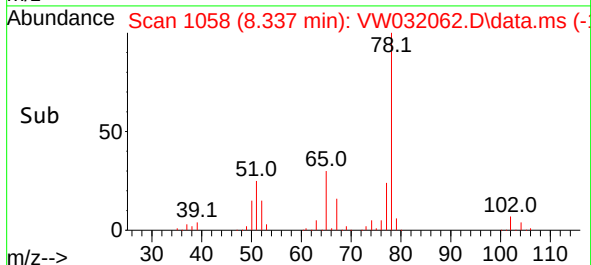
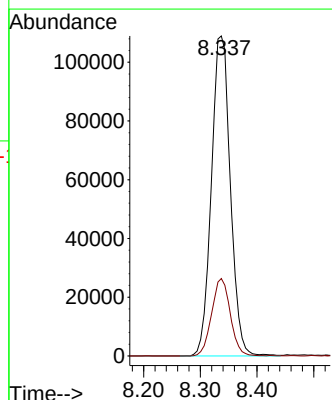
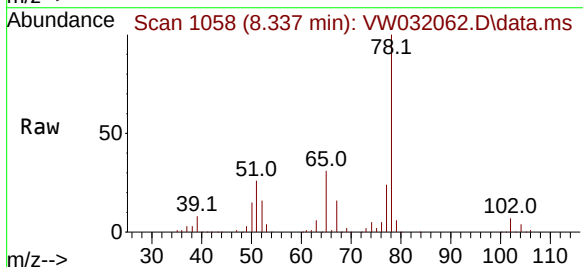
Acq: 11 Aug 2025 13:10

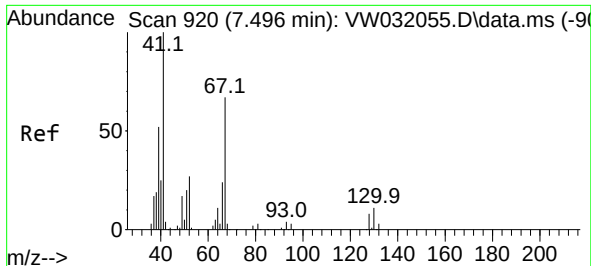
Tgt Ion: 78 Resp: 252942

Ion Ratio Lower Upper

78 100

77 24.2 18.4 27.6

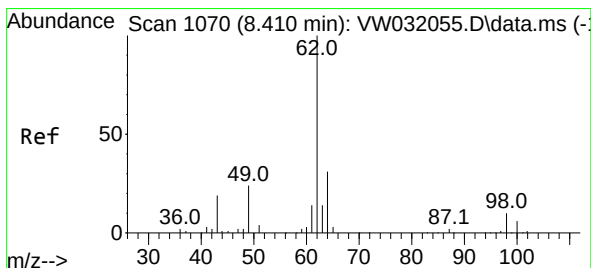
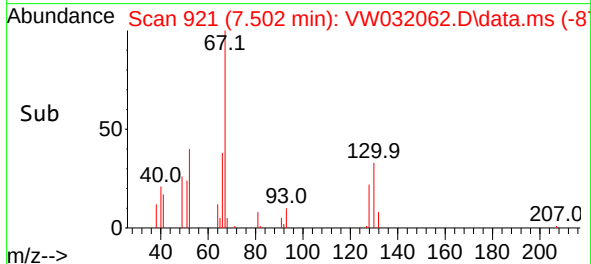
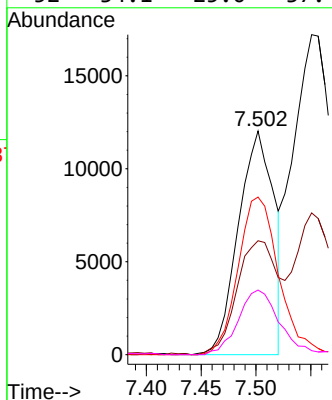
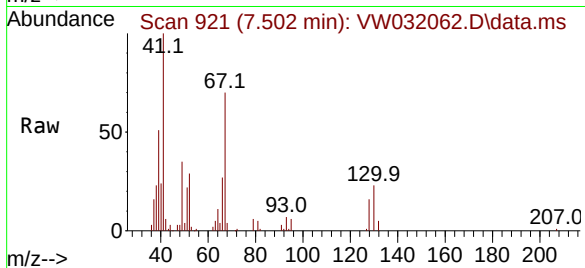




#41
Methacrylonitrile
Concen: 20.188 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

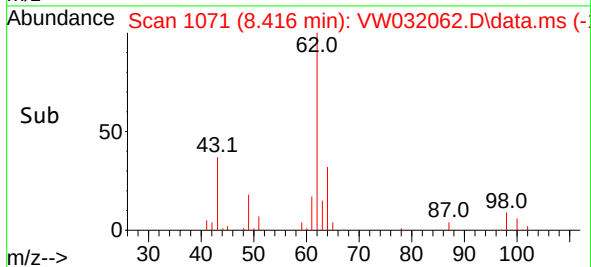
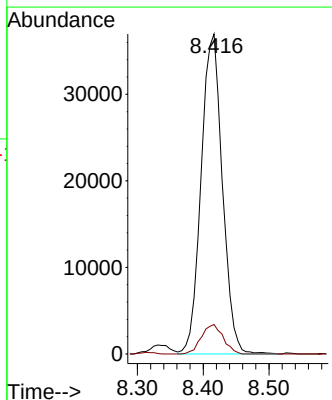
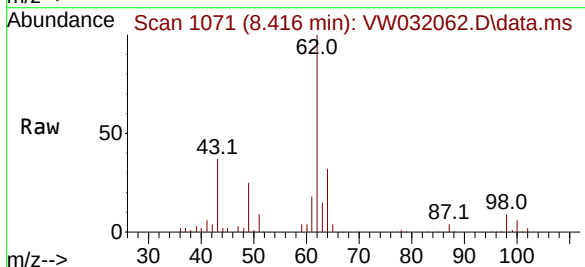
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

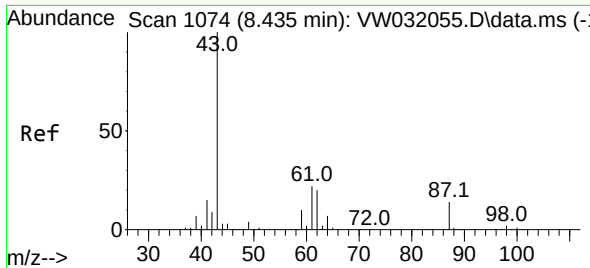
Tgt Ion:	41	Resp:	27124
Ion	Ratio	Lower	Upper
41	100		
39	60.3	42.6	63.8
67	81.2	61.0	91.4
52	34.1	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.784 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion:	62	Resp:	83160
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

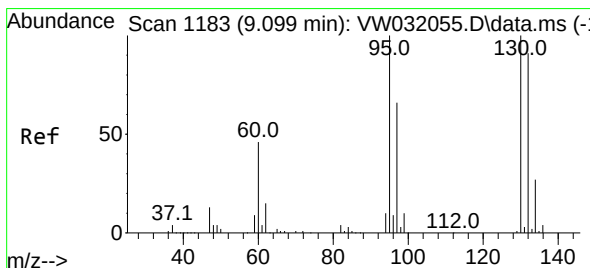
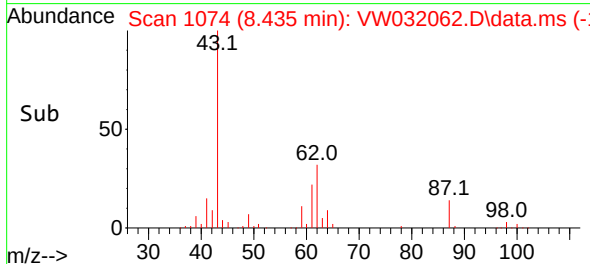
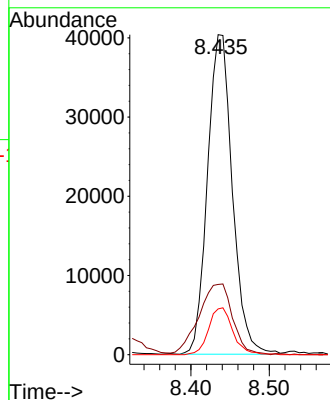
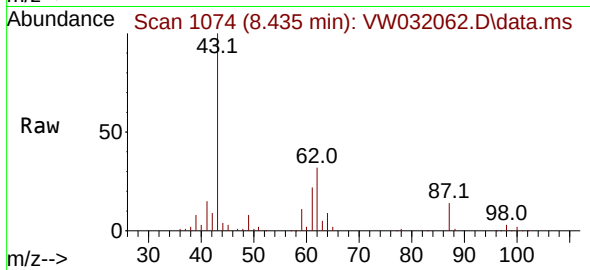




#43
Isopropyl Acetate
Concen: 20.393 ug/l
RT: 8.435 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

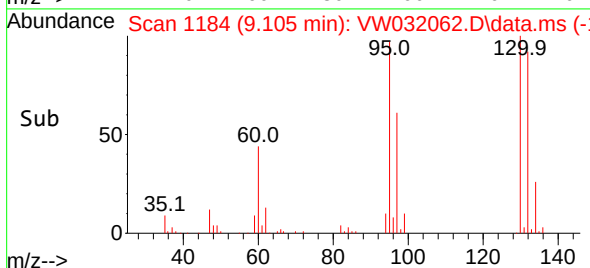
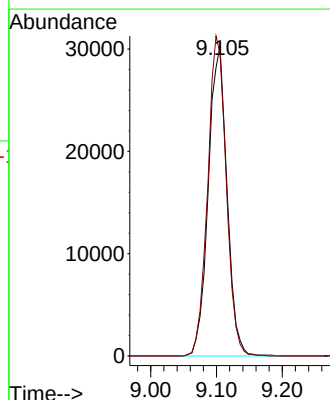
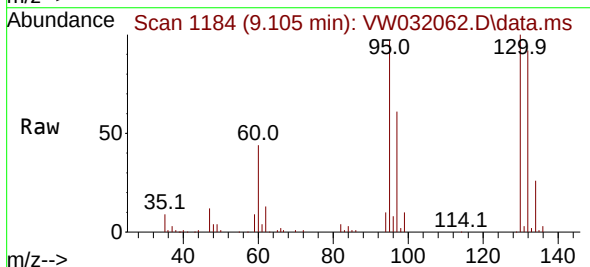
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

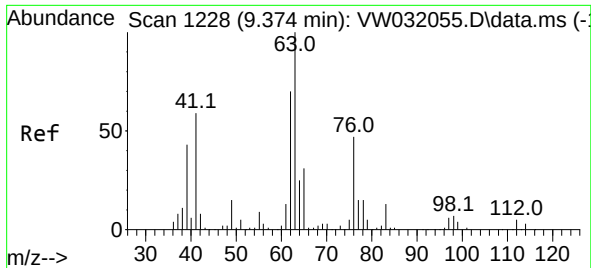
Tgt Ion: 43 Resp: 88890
Ion Ratio Lower Upper
43 100
61 30.0 23.8 35.8
87 14.3 11.7 17.5



#44
Trichloroethene
Concen: 20.095 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion:130 Resp: 59840
Ion Ratio Lower Upper
130 100
95 97.4 0.0 200.6

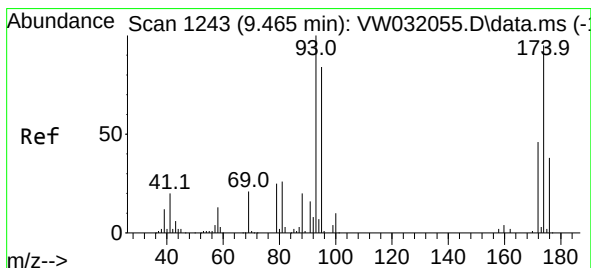
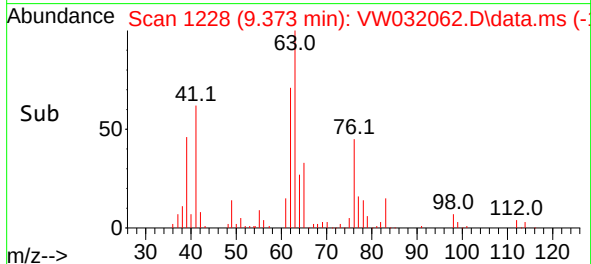
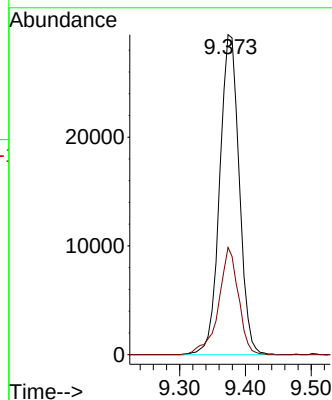
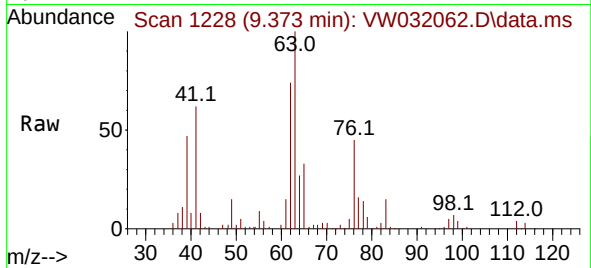




#45
1,2-Dichloropropane
Concen: 20.135 ug/l
RT: 9.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

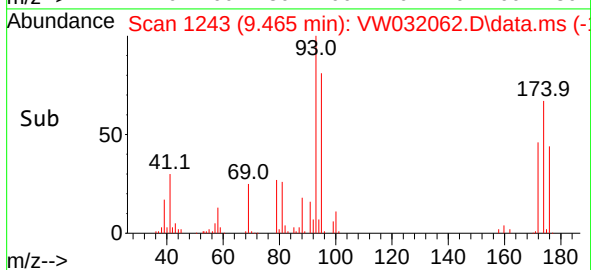
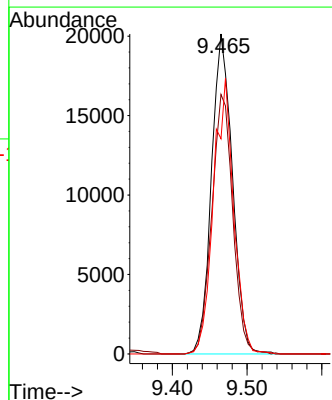
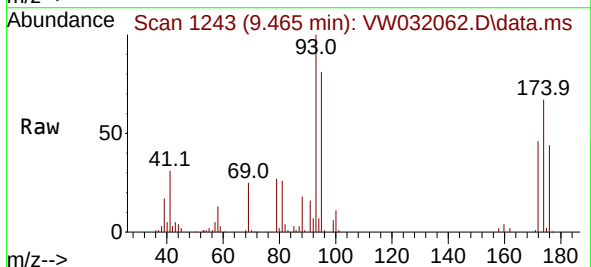
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

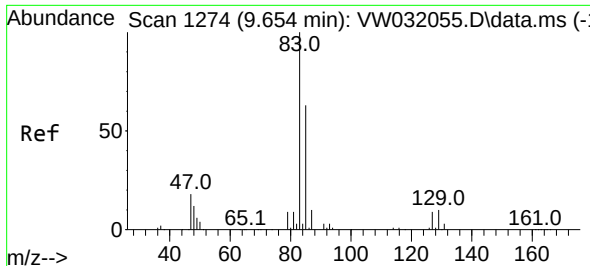
Tgt Ion: 63 Resp: 60825
Ion Ratio Lower Upper
63 100
65 33.5 24.6 36.8



#46
Dibromomethane
Concen: 20.151 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 93 Resp: 39289
Ion Ratio Lower Upper
93 100
95 81.3 65.3 97.9
174 83.3 68.6 102.8

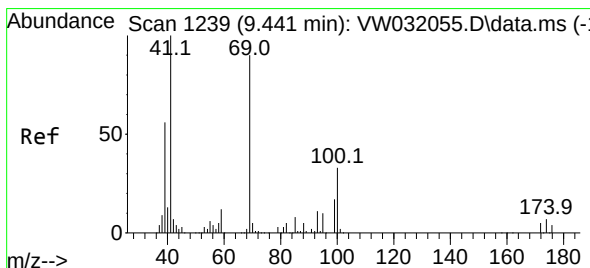
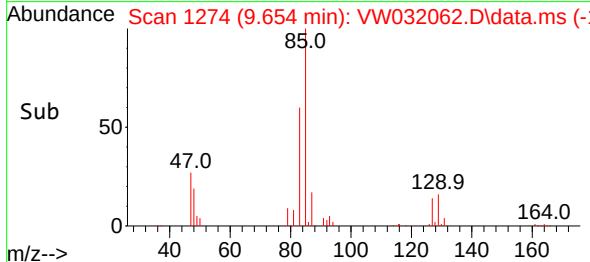
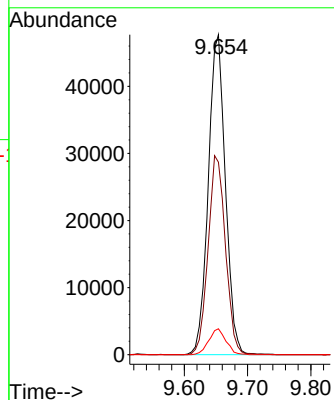
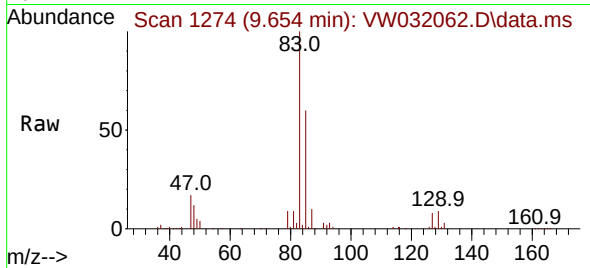




#47
Bromodichloromethane
Concen: 19.980 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

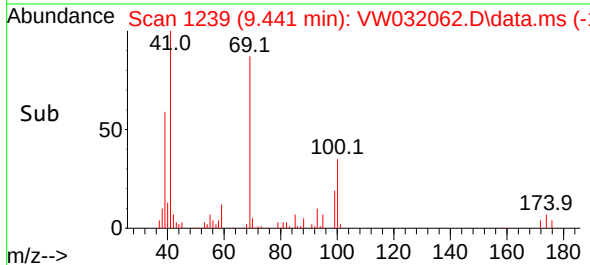
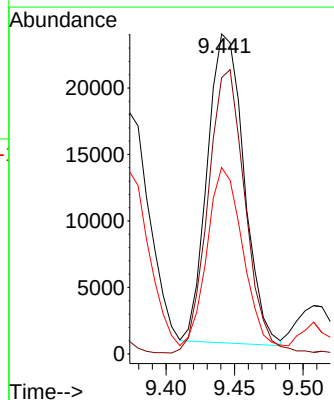
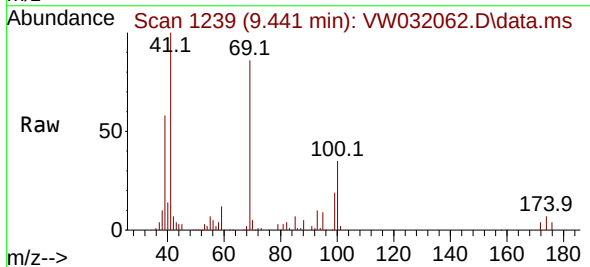
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

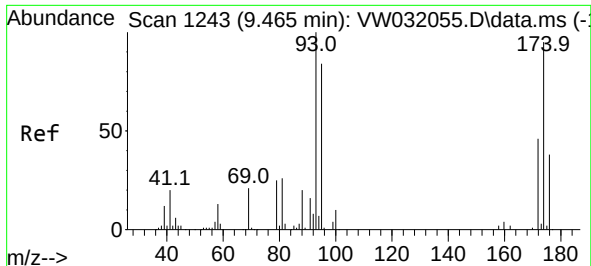
Tgt Ion: 83 Resp: 89761
Ion Ratio Lower Upper
83 100
85 60.2 50.6 75.8
127 8.1 6.9 10.3



#48
Methyl methacrylate
Concen: 20.539 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 41 Resp: 43222
Ion Ratio Lower Upper
41 100
69 93.2 73.0 109.6
39 56.3 45.0 67.4





#49

1,4-Dioxane

Concen: 419.936 ug/l

RT: 9.465 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBSD01

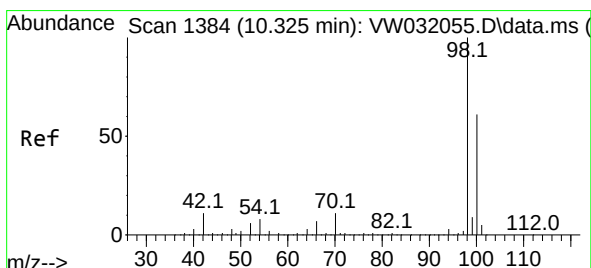
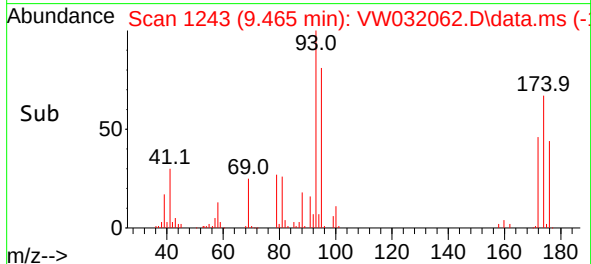
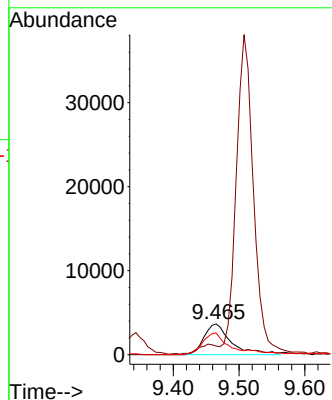
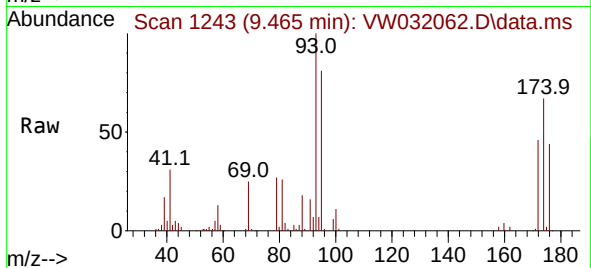
Tgt Ion: 88 Resp: 10586

Ion Ratio Lower Upper

88 100

43 23.5 20.6 30.8

58 61.8 60.4 90.6



#50

Toluene-d8

Concen: 48.296 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032062.D

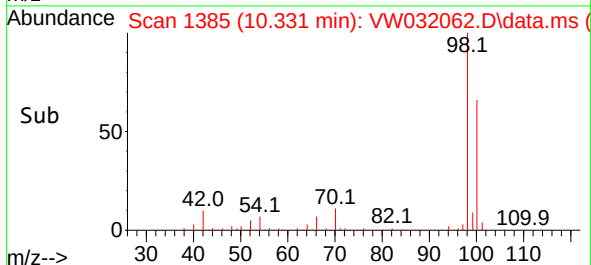
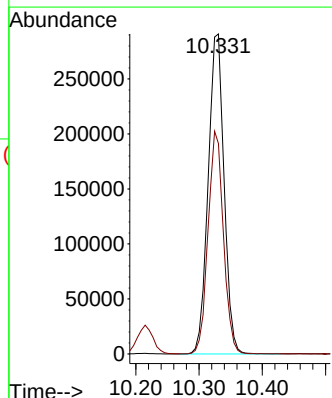
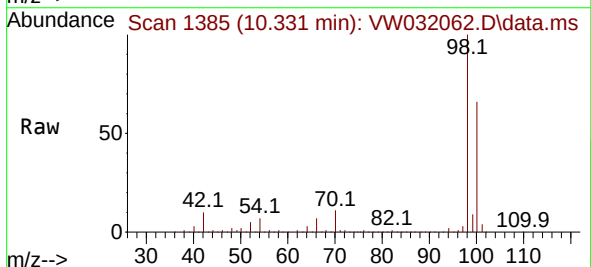
Acq: 11 Aug 2025 13:10

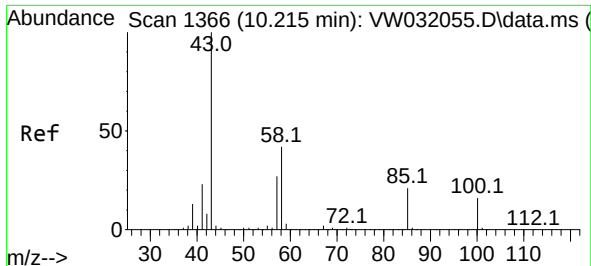
Tgt Ion: 98 Resp: 509734

Ion Ratio Lower Upper

98 100

100 67.2 51.1 76.7

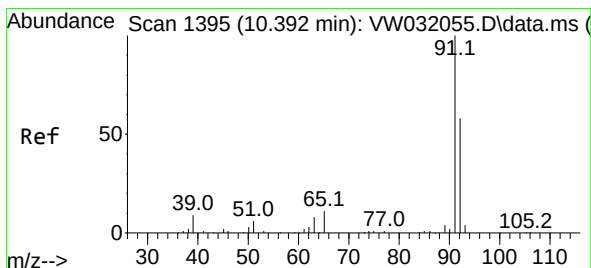
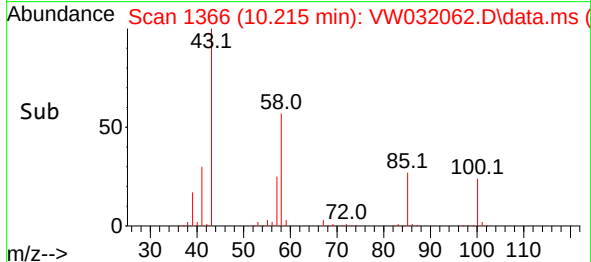
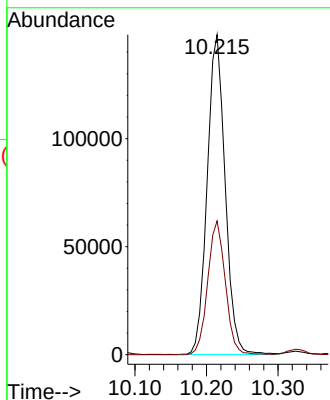
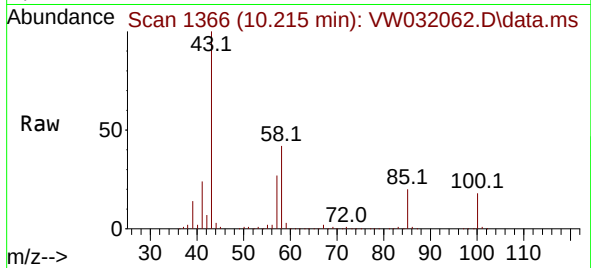




#51
4-Methyl-2-Pentanone
Concen: 104.852 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

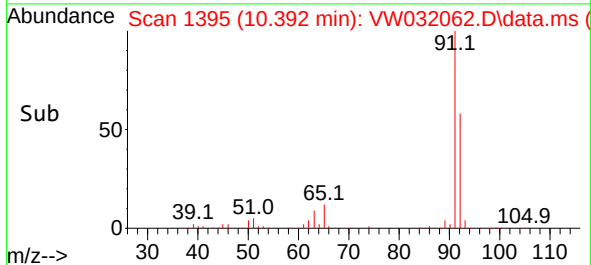
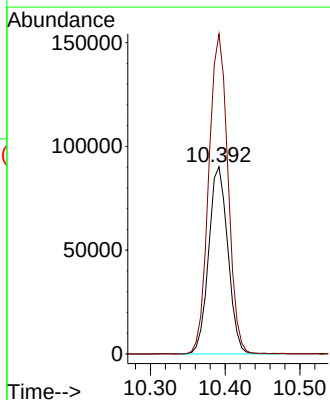
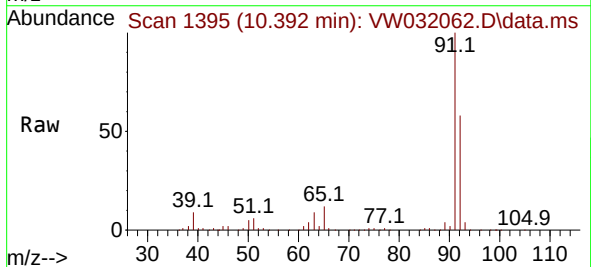
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

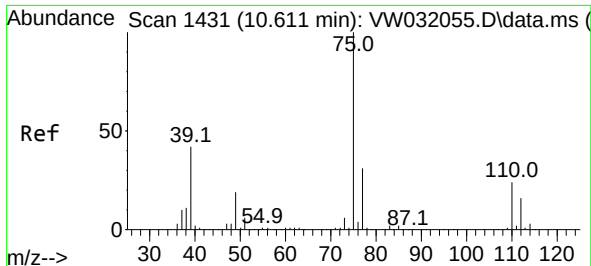
Tgt Ion: 43 Resp: 257970
Ion Ratio Lower Upper
43 100
58 41.1 33.1 49.7



#52
Toluene
Concen: 20.465 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 92 Resp: 161185
Ion Ratio Lower Upper
92 100
91 170.9 136.3 204.5

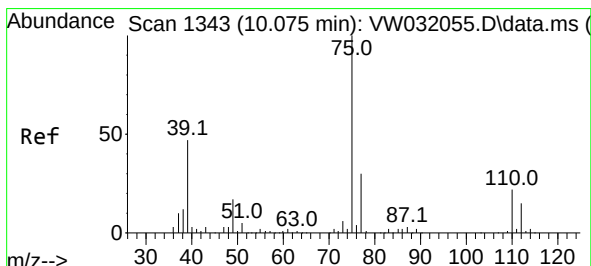
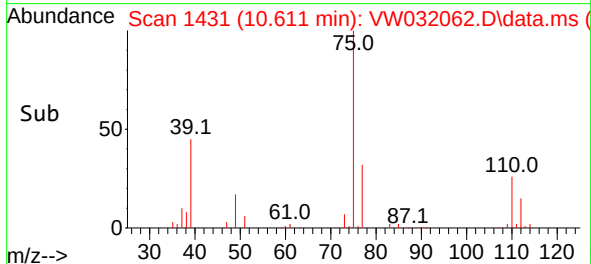
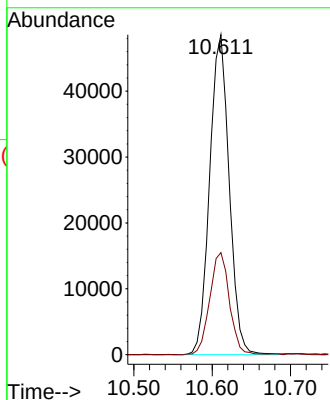
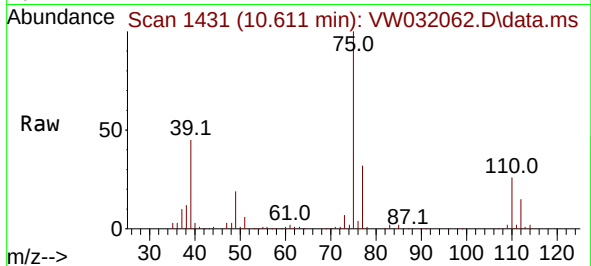




#53
 t-1,3-Dichloropropene
 Concen: 19.991 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

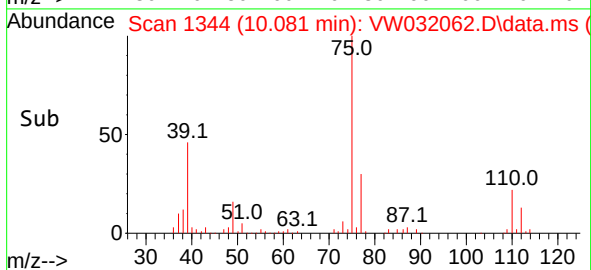
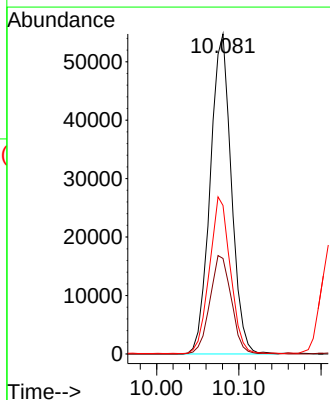
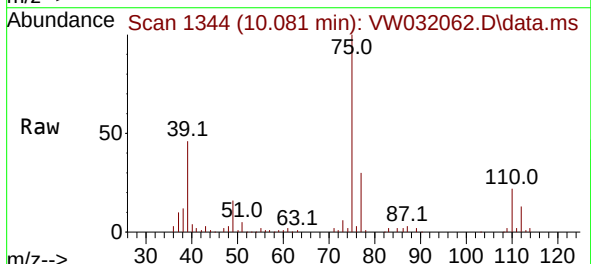
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBSD01

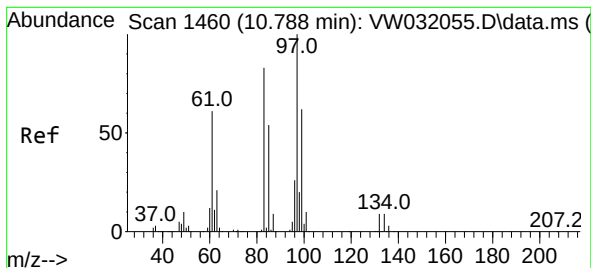
Tgt Ion: 75 Resp: 84143
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.444 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032062.D
 Acq: 11 Aug 2025 13:10

Tgt Ion: 75 Resp: 97621
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.0 36.0
 39 46.2 37.8 56.8

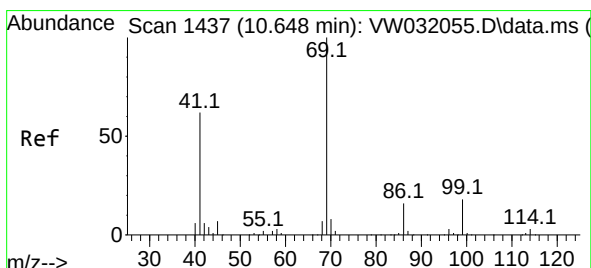
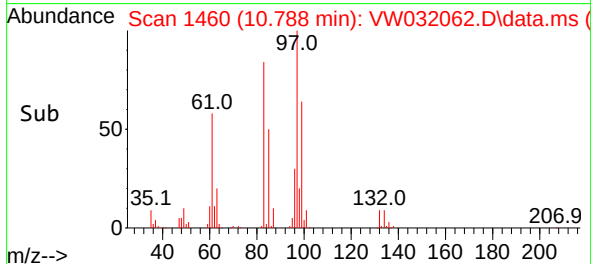
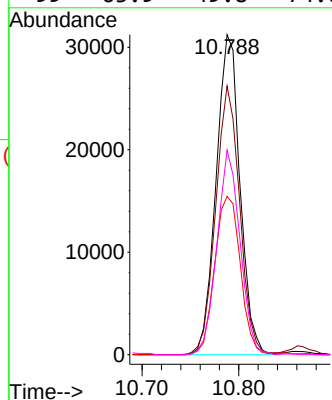
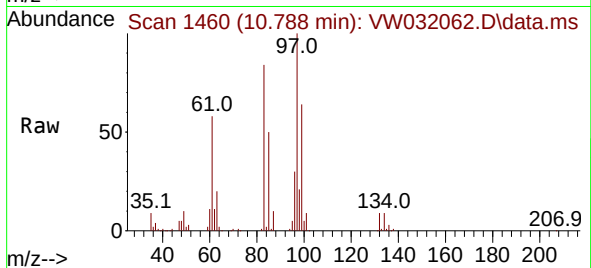




#55
1,1,2-Trichloroethane
Concen: 20.722 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

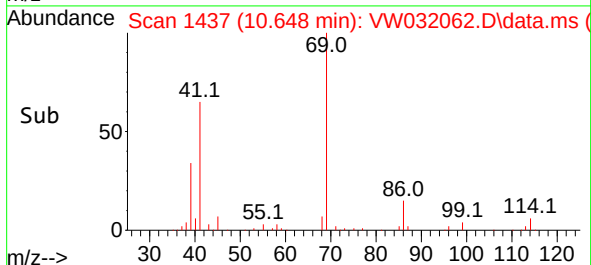
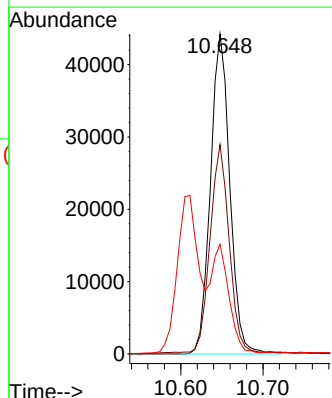
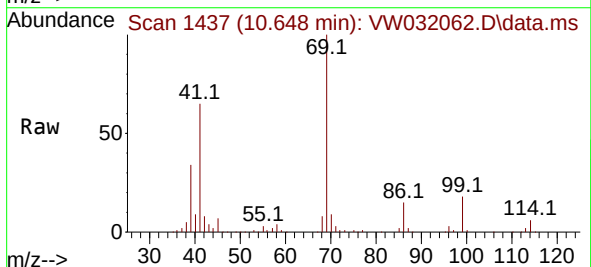
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

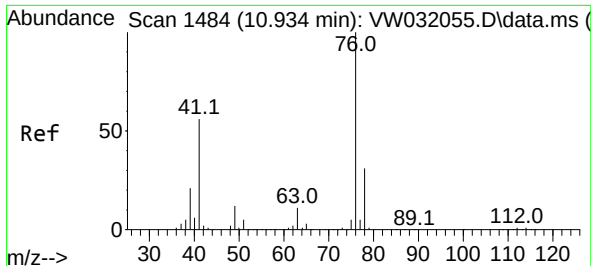
Tgt Ion: 97	Resp: 53687
Ion Ratio	Lower Upper
97 100	
83 84.0	66.4 99.6
85 49.5	43.1 64.7
99 63.9	49.8 74.6



#56
Ethyl methacrylate
Concen: 20.854 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 69	Resp: 72299
Ion Ratio	Lower Upper
69 100	
41 66.8	51.2 76.8
39 31.4	25.4 38.0





#57

1,3-Dichloropropane

Concen: 20.061 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

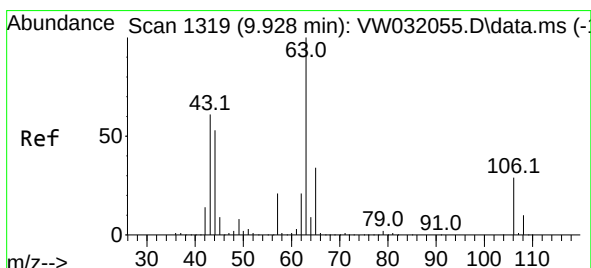
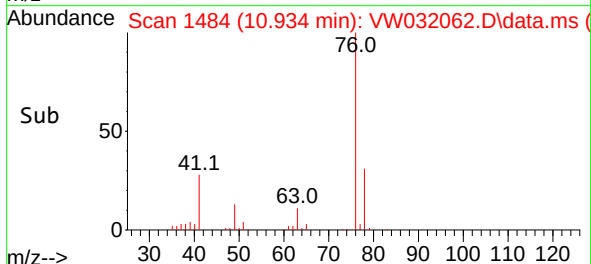
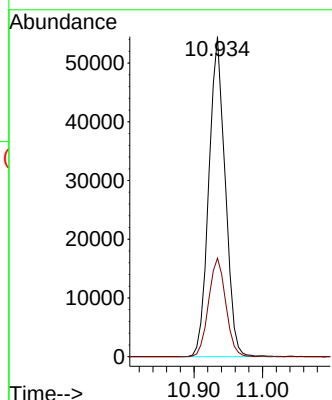
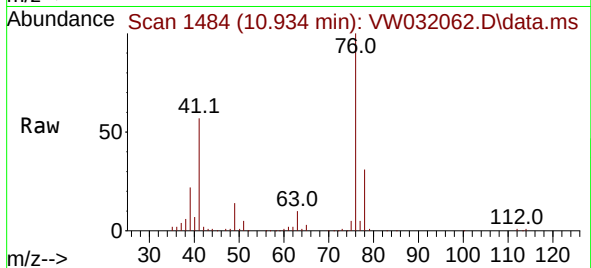
VW0811SBSD01

Tgt Ion: 76 Resp: 90595

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.139 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032062.D

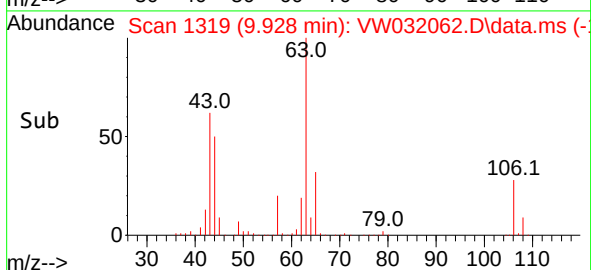
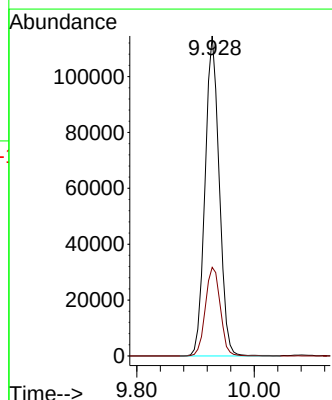
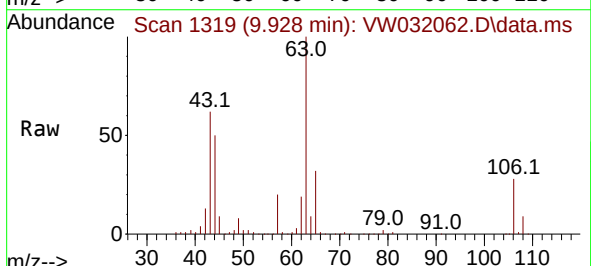
Acq: 11 Aug 2025 13:10

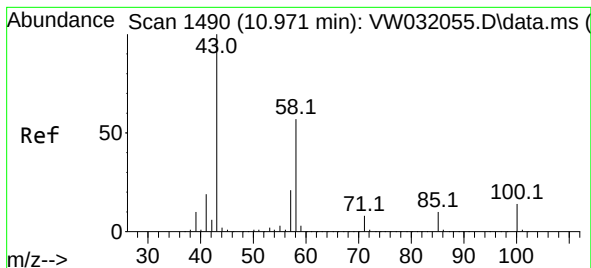
Tgt Ion: 63 Resp: 192035

Ion Ratio Lower Upper

63 100

106 29.1 23.5 35.3

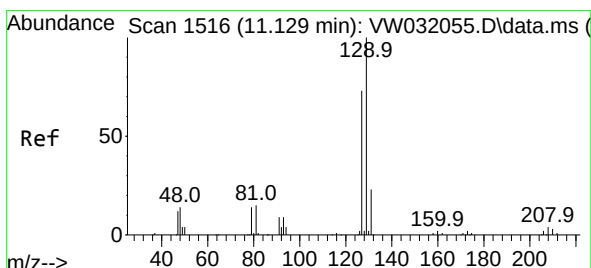
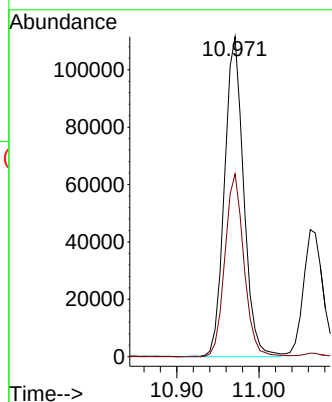
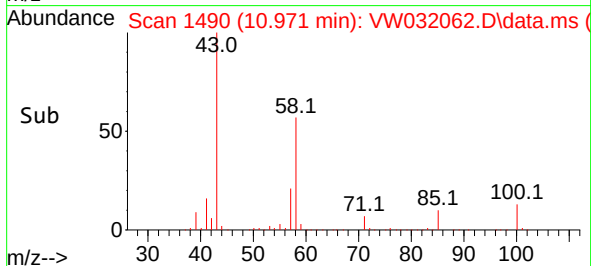
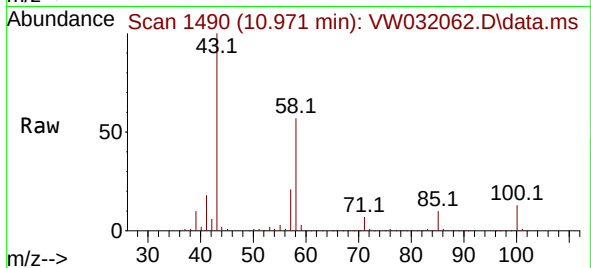




#59
2-Hexanone
Concen: 106.193 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

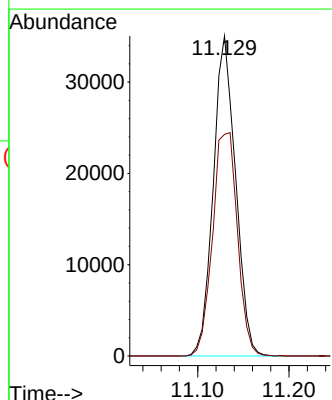
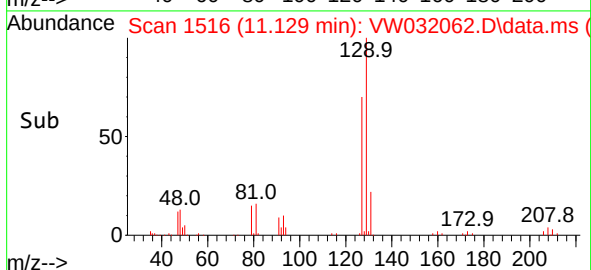
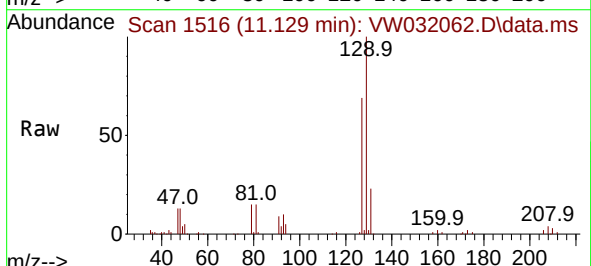
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

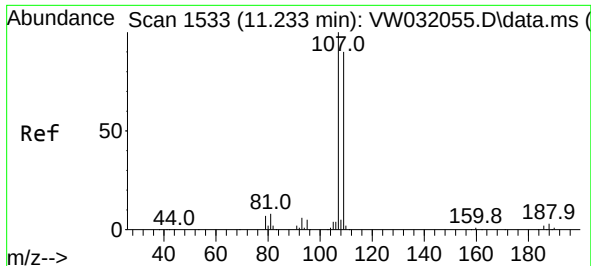
Tgt Ion: 43 Resp: 180946
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 20.081 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 129 Resp: 59430
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9

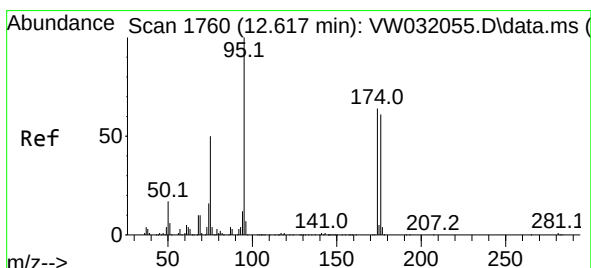
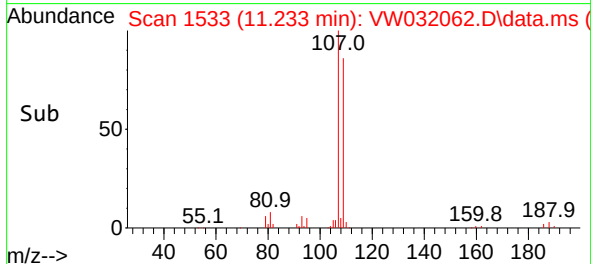
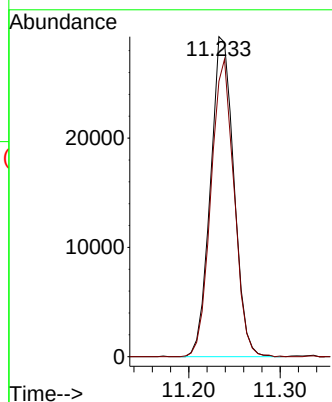
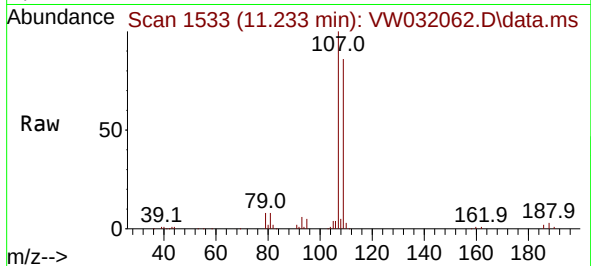




#61
1,2-Dibromoethane
Concen: 20.693 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

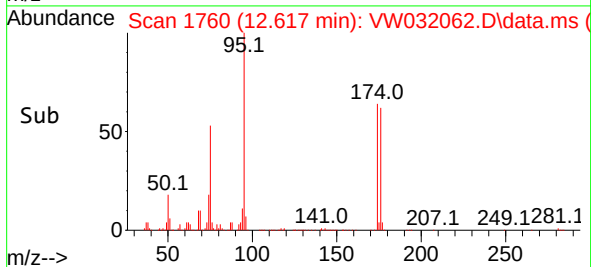
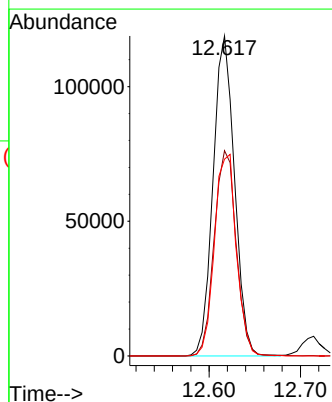
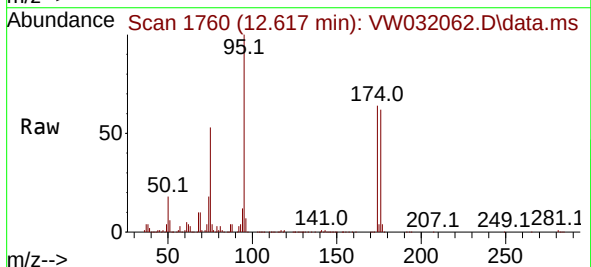
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

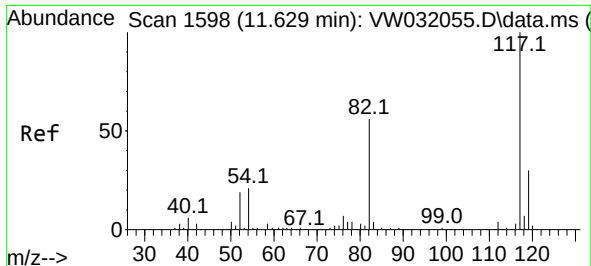
Tgt Ion:107 Resp: 52100
Ion Ratio Lower Upper
107 100
109 91.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.782 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 95 Resp: 193625
Ion Ratio Lower Upper
95 100
174 65.9 0.0 129.0
176 64.6 0.0 124.6

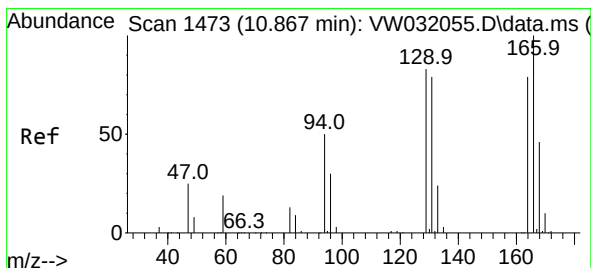
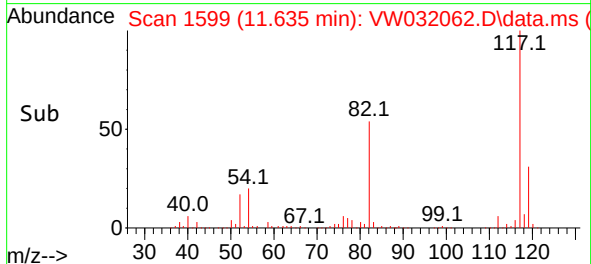
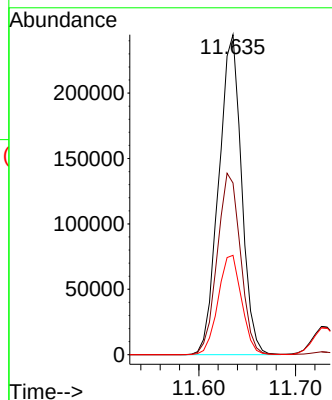
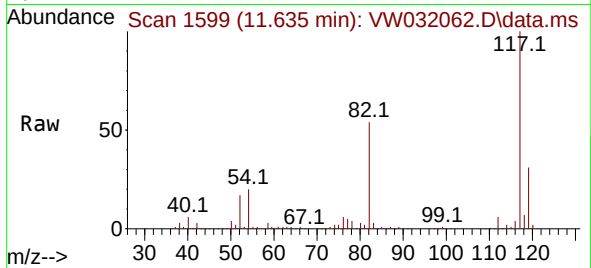




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

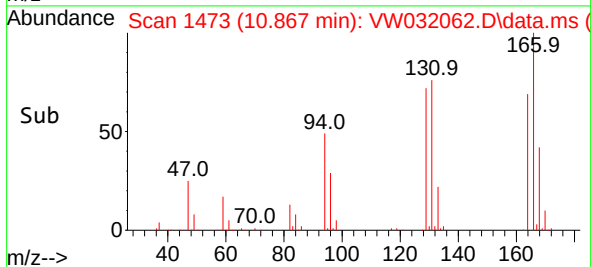
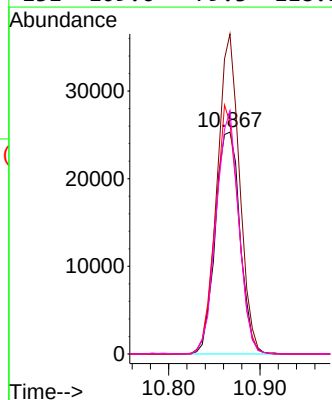
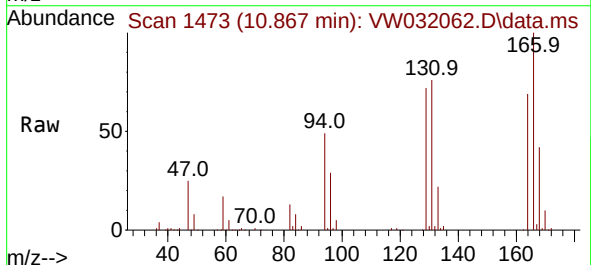
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

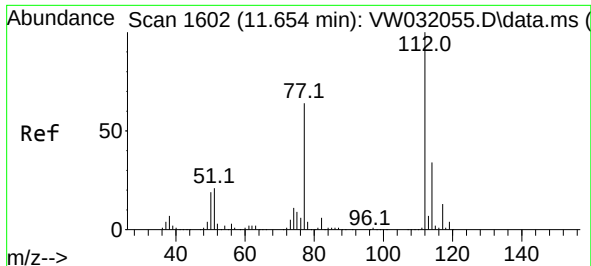
Tgt Ion:117 Resp: 400240
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.1 24.2 36.4



#64
Tetrachloroethene
Concen: 20.534 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion:164 Resp: 47470
Ion Ratio Lower Upper
164 100
166 144.2 100.9 151.3
129 104.1 83.6 125.4
131 109.6 79.3 118.9

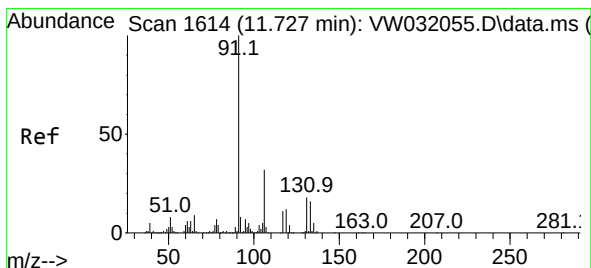
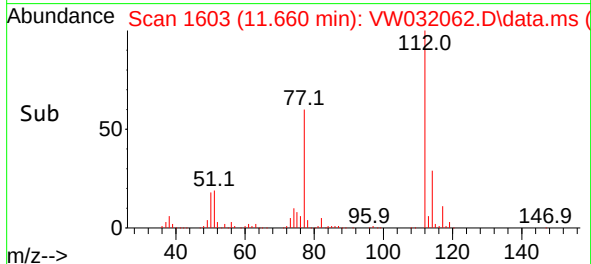
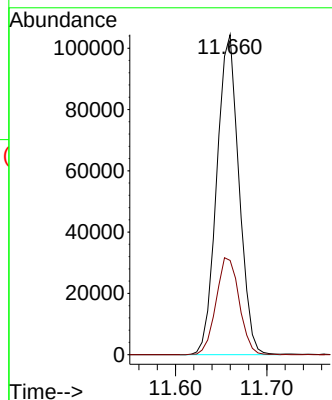
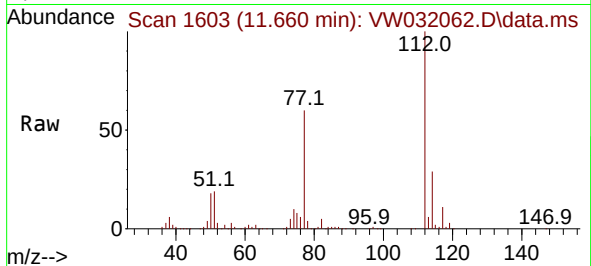




#65
Chlorobenzene
Concen: 20.247 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

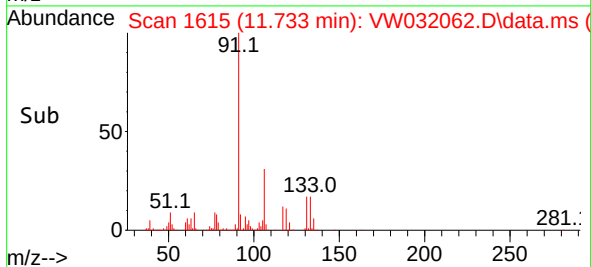
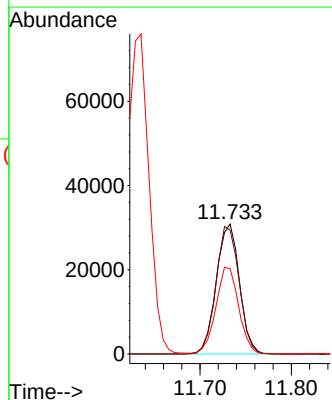
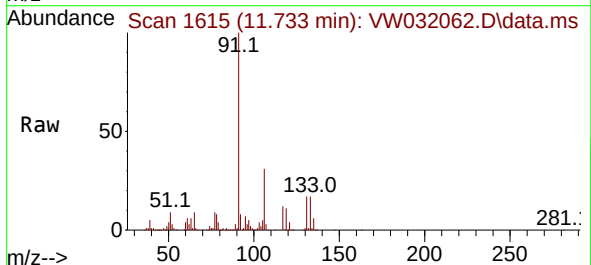
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

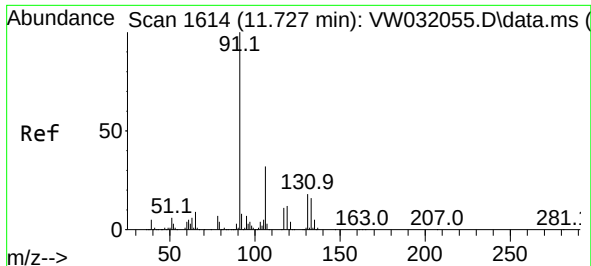
Tgt Ion:112 Resp: 176392
Ion Ratio Lower Upper
112 100
114 29.5 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.988 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion:131 Resp: 54330
Ion Ratio Lower Upper
131 100
133 97.9 47.3 142.0
119 65.8 34.5 103.5

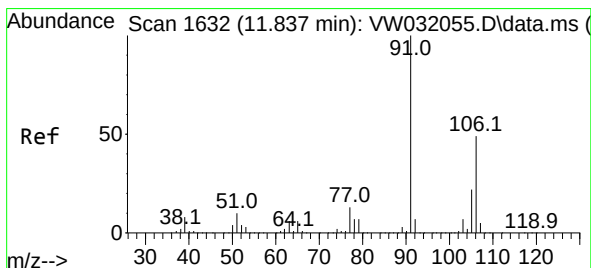
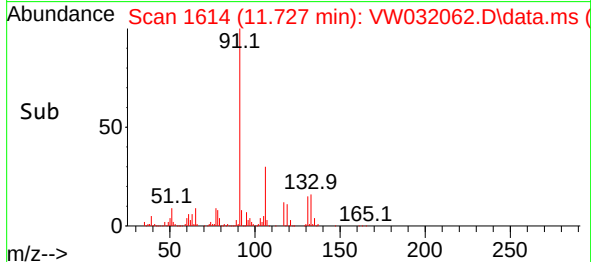
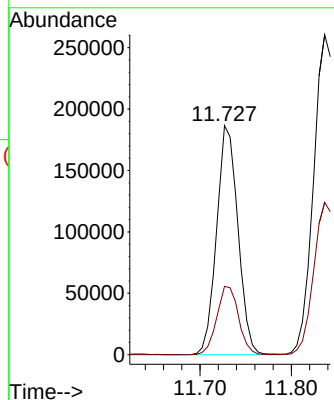
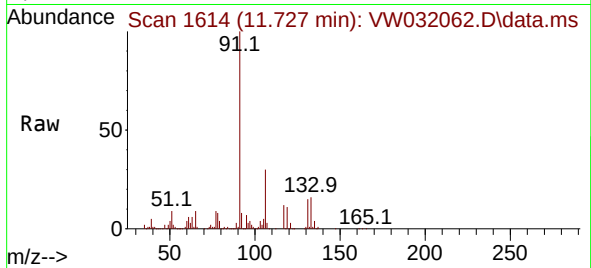




#67
Ethyl Benzene
Concen: 20.500 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

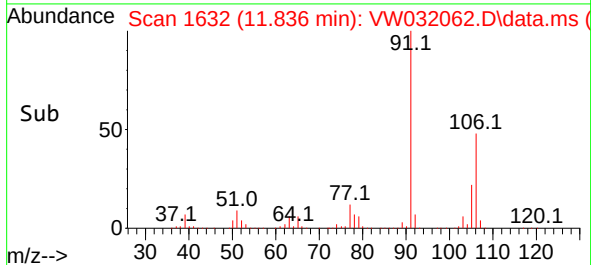
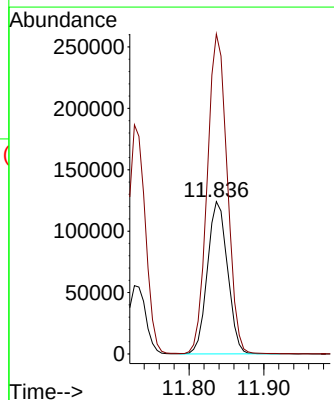
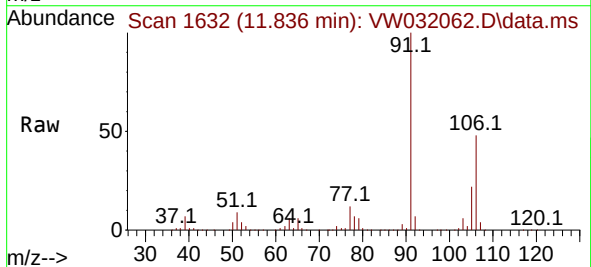
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

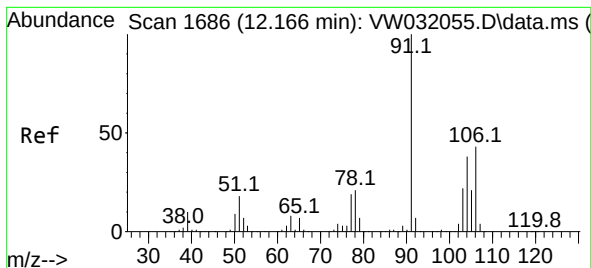
Tgt Ion: 91 Resp: 302504
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.0



#68
m/p-Xylenes
Concen: 40.725 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 106 Resp: 231893
Ion Ratio Lower Upper
106 100
91 208.5 162.2 243.2





#69

o-Xylene

Concen: 20.434 ug/l

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

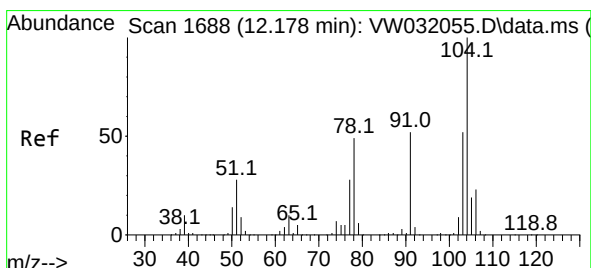
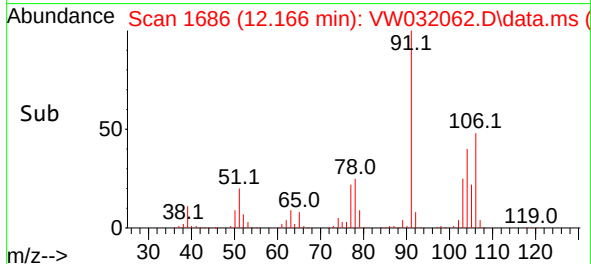
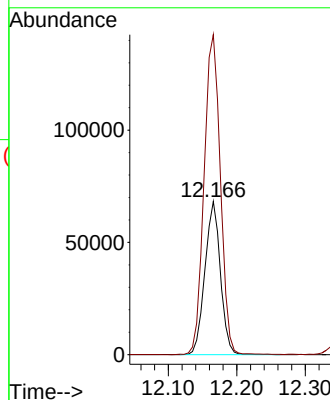
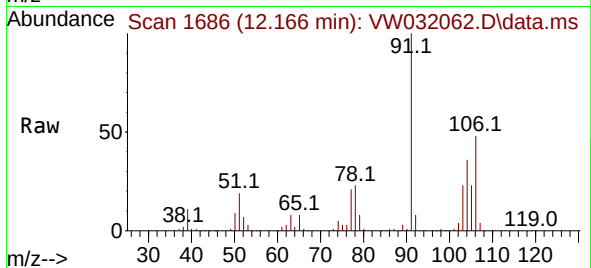
VW0811SBSD01

Tgt Ion:106 Resp: 107543

Ion Ratio Lower Upper

106 100

91 220.1 110.8 332.3



#70

Styrene

Concen: 20.761 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

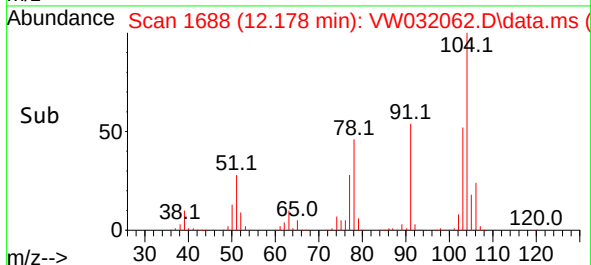
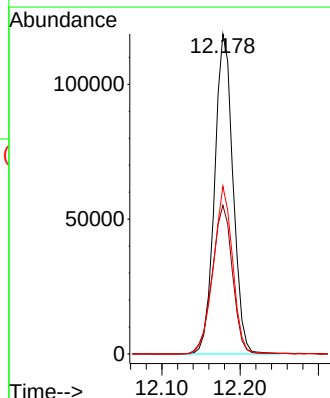
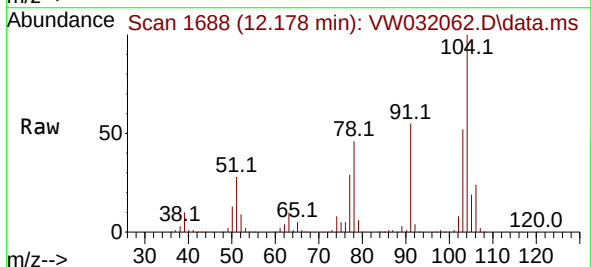
Tgt Ion:104 Resp: 194078

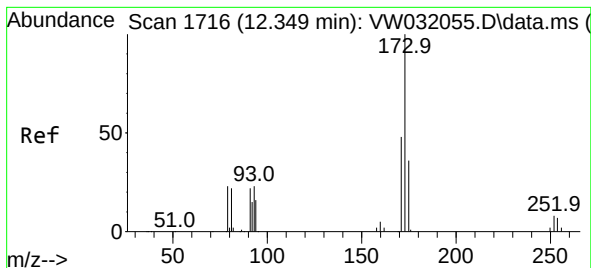
Ion Ratio Lower Upper

104 100

78 51.2 41.2 61.8

103 54.8 43.8 65.8





#71

Bromoform

Concen: 20.163 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBSD01

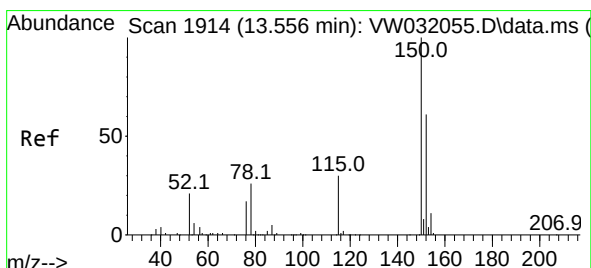
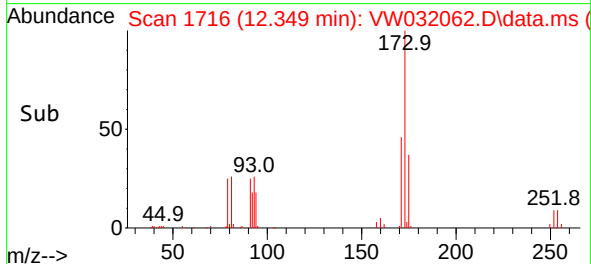
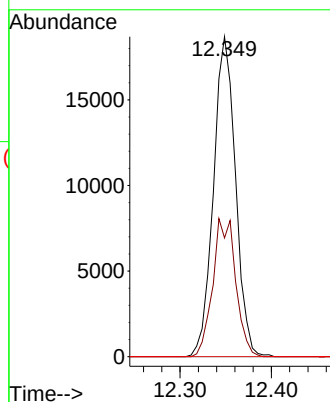
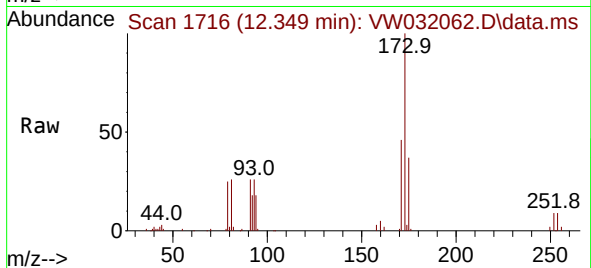
Tgt Ion:173 Resp: 31350

Ion Ratio Lower Upper

173 100

175 44.8 22.9 68.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

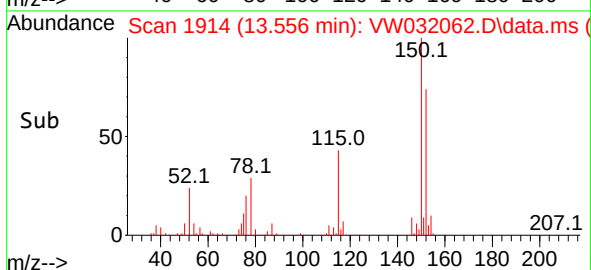
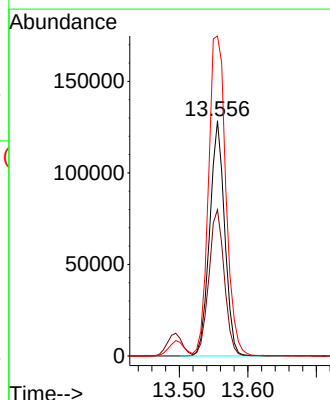
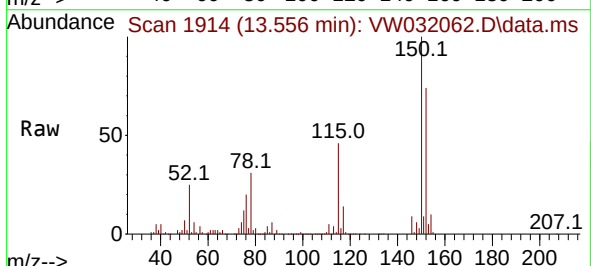
Tgt Ion:152 Resp: 195548

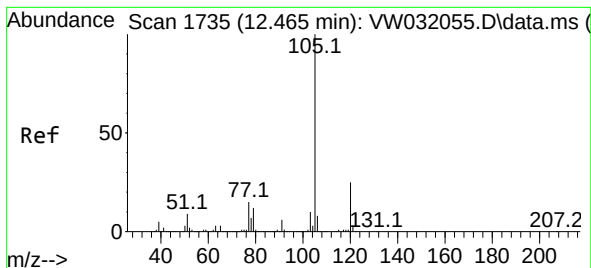
Ion Ratio Lower Upper

152 100

115 64.4 32.6 97.8

150 157.8 0.0 359.4





#73

Isopropylbenzene

Concen: 19.494 ug/l

RT: 12.464 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

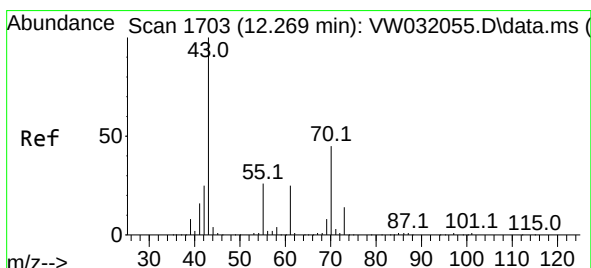
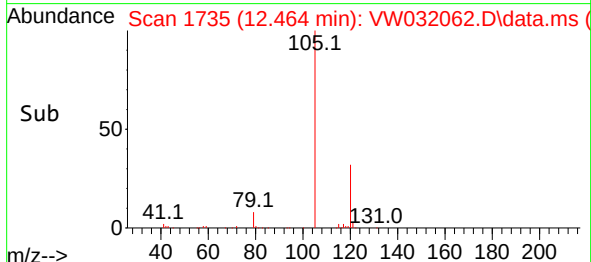
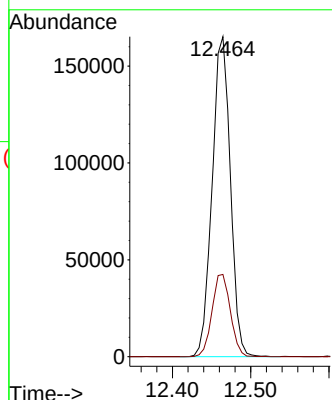
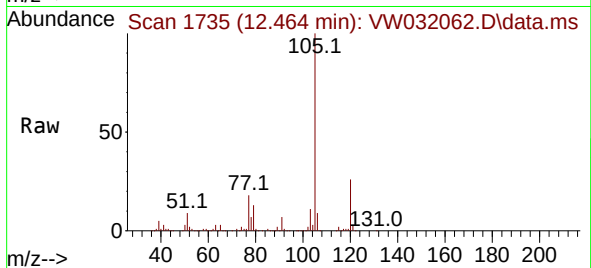
VW0811SBSD01

Tgt Ion:105 Resp: 266409

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.4



#74

N-ethyl acetate

Concen: 20.275 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Tgt Ion: 43 Resp: 79492

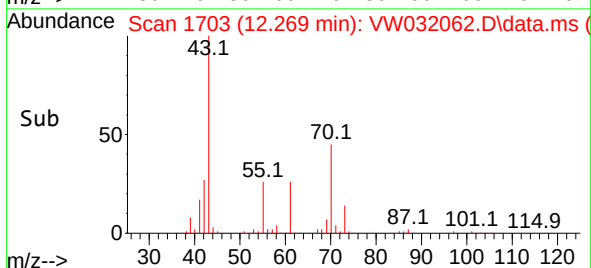
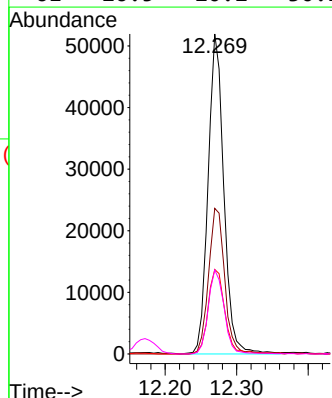
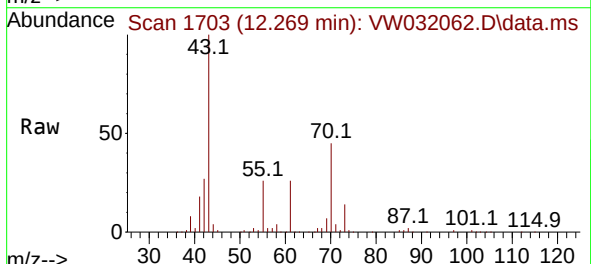
Ion Ratio Lower Upper

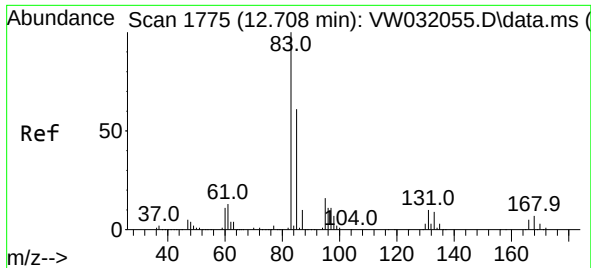
43 100

70 46.9 37.0 55.4

55 28.4 21.1 31.7

61 26.5 20.2 30.2

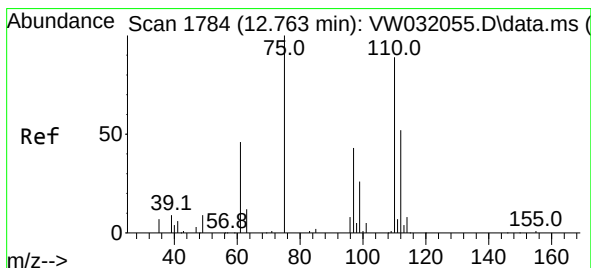
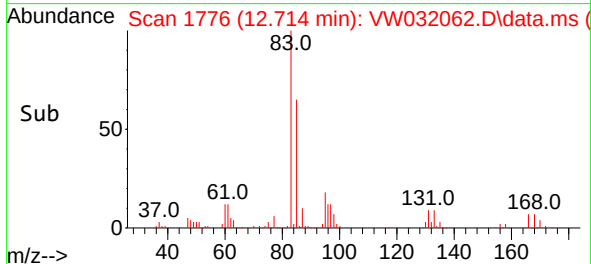
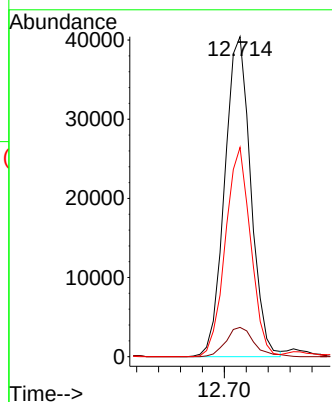
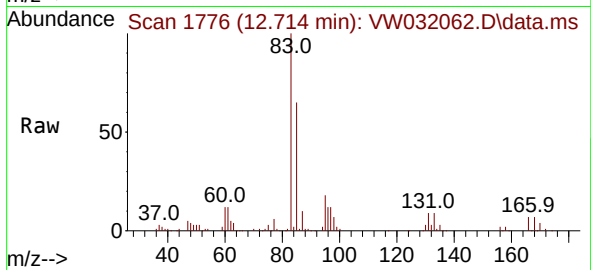




#75
1,1,2,2-Tetrachloroethane
Concen: 20.539 ug/l
RT: 12.714 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

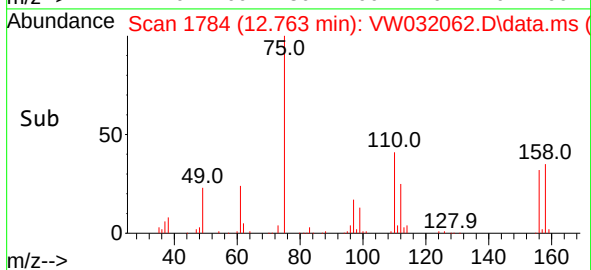
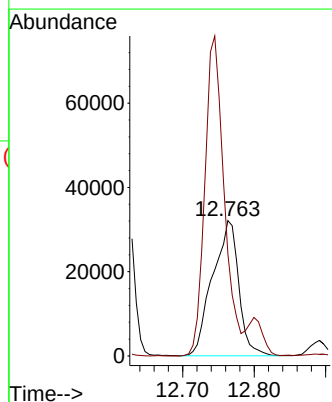
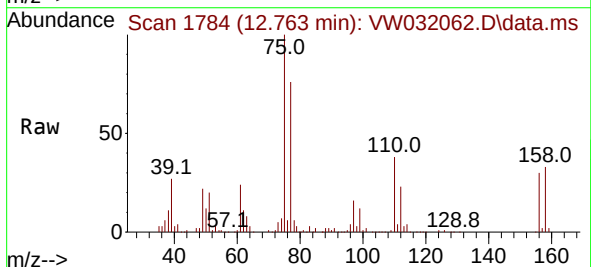
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

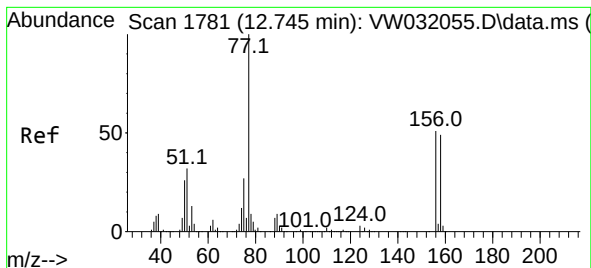
Tgt Ion: 83 Resp: 66644
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.4
85 63.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 30.784 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 75 Resp: 81702
Ion Ratio Lower Upper
75 100
77 174.0 123.5 370.5





#77

Bromobenzene

Concen: 20.736 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBSD01

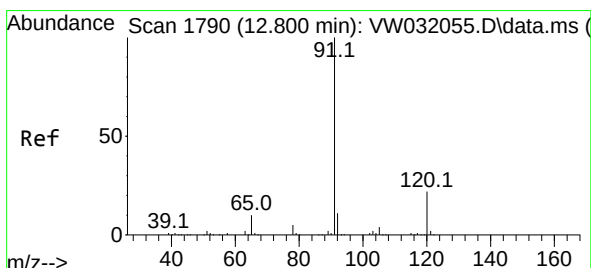
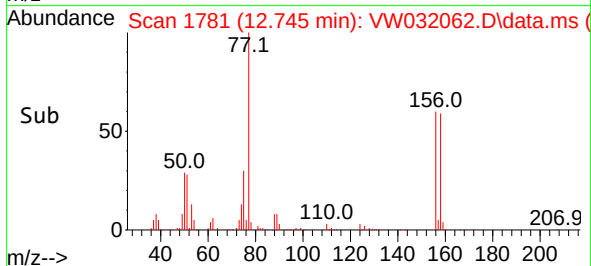
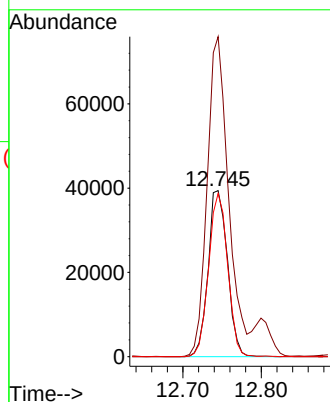
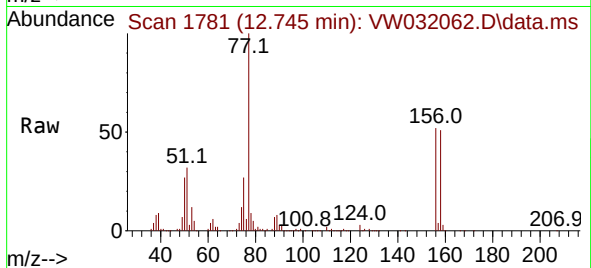
Tgt Ion:156 Resp: 67682

Ion Ratio Lower Upper

156 100

77 210.1 108.7 326.3

158 96.5 48.3 144.9



#78

n-propylbenzene

Concen: 20.228 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032062.D

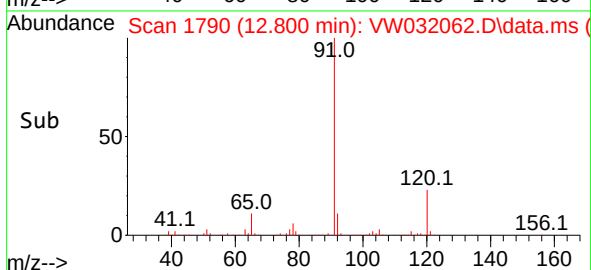
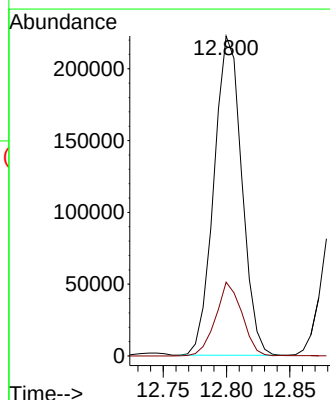
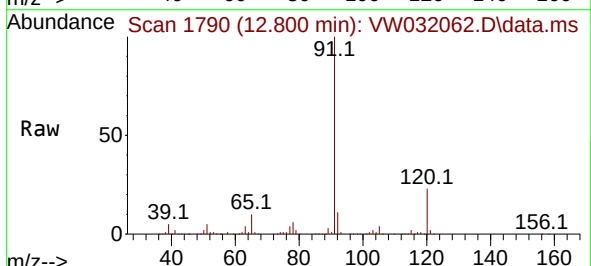
Acq: 11 Aug 2025 13:10

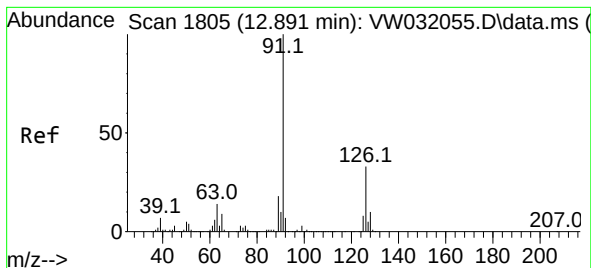
Tgt Ion: 91 Resp: 340328

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.3





#79

2-Chlorotoluene

Concen: 20.142 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

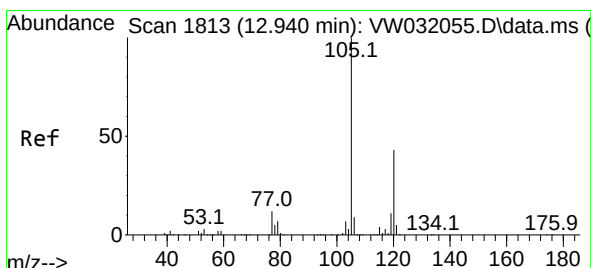
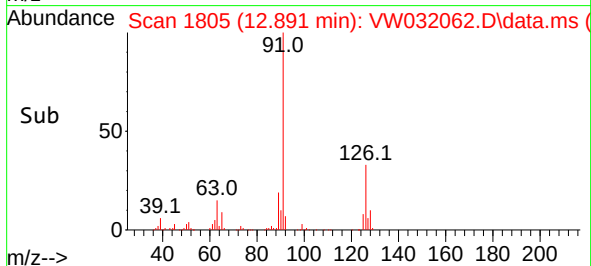
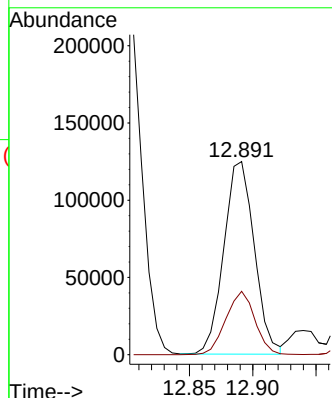
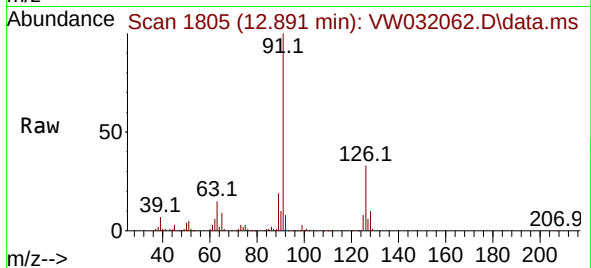
VW0811SBSD01

Tgt Ion: 91 Resp: 209148

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 20.250 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032062.D

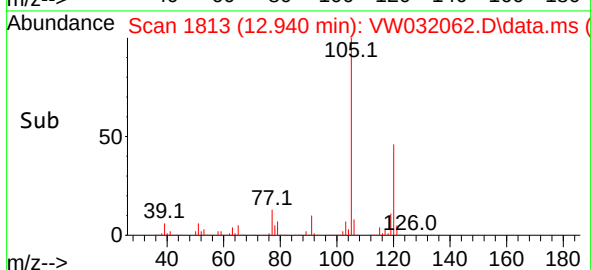
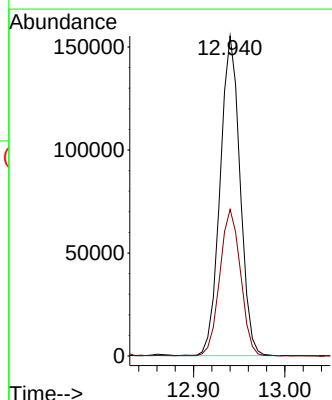
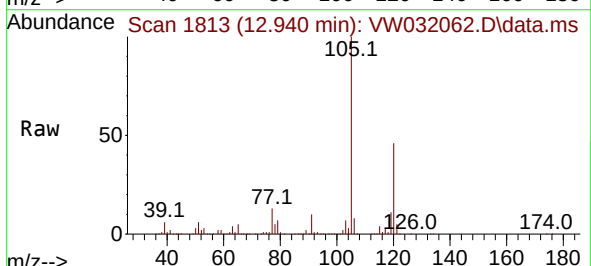
Acq: 11 Aug 2025 13:10

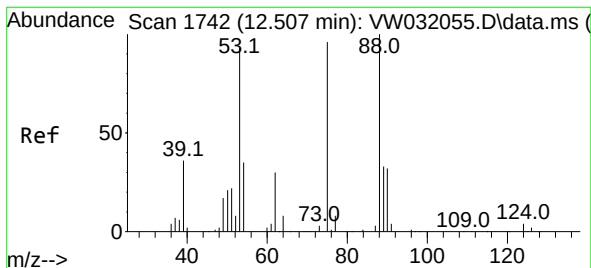
Tgt Ion: 105 Resp: 234936

Ion Ratio Lower Upper

105 100

120 47.7 23.4 70.0

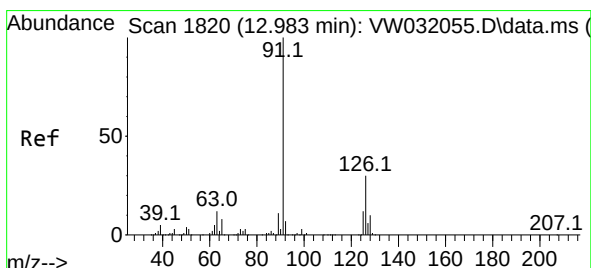
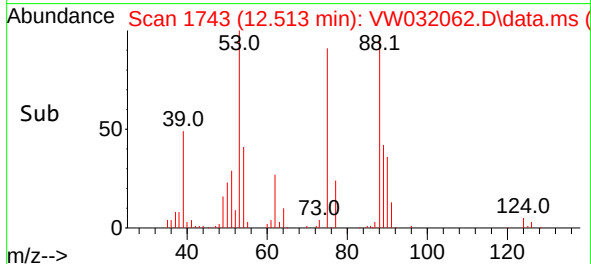
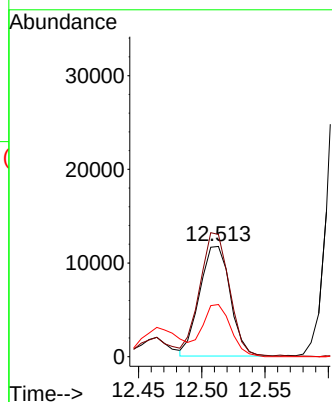
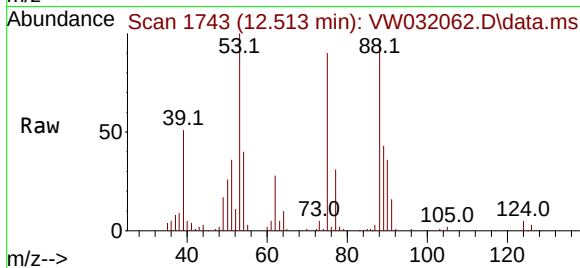




#81
trans-1,4-Dichloro-2-butene
Concen: 19.247 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

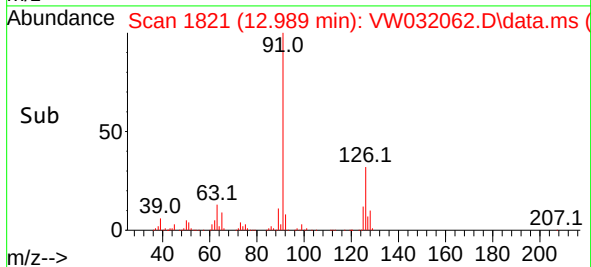
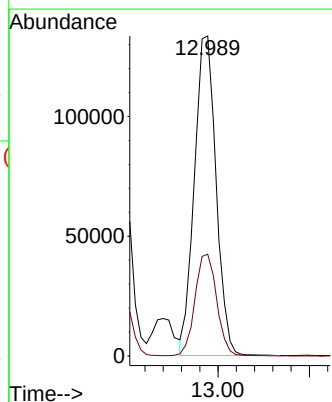
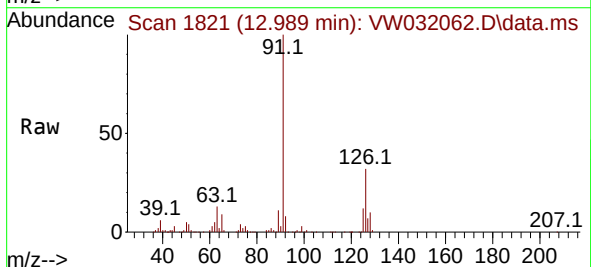
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

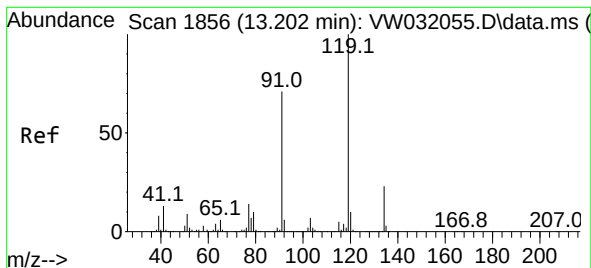
Tgt Ion: 75 Resp: 19731
Ion Ratio Lower Upper
75 100
53 111.2 81.0 121.6
89 44.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 19.946 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 91 Resp: 220054
Ion Ratio Lower Upper
91 100
126 32.1 15.5 46.5

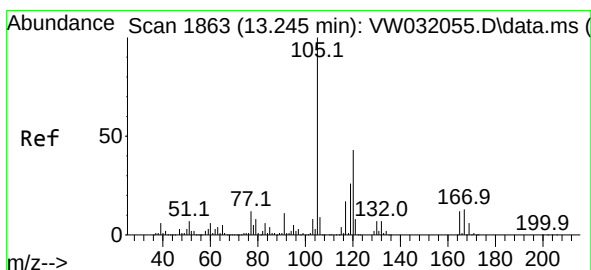
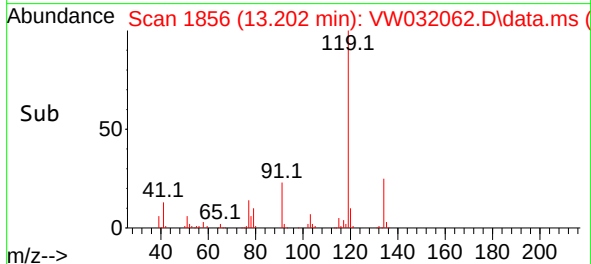
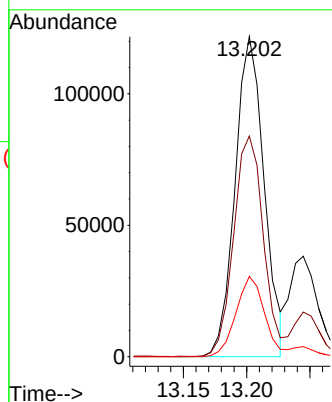
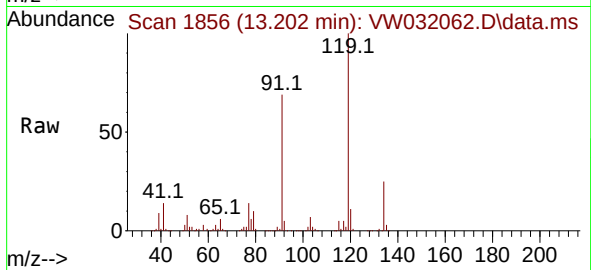




#83
tert-Butylbenzene
Concen: 20.213 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

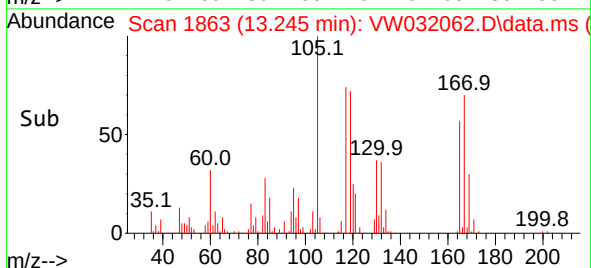
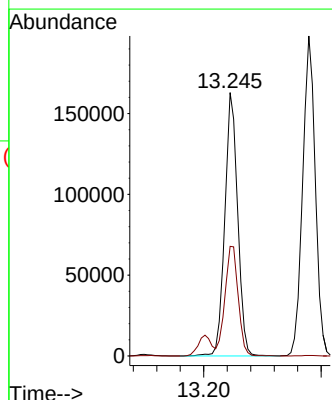
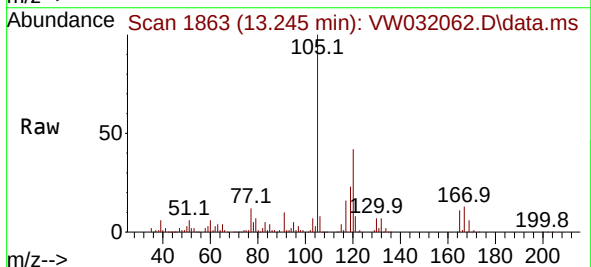
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

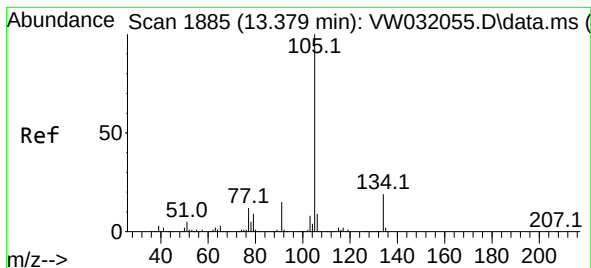
Tgt Ion:119 Resp: 194628
Ion Ratio Lower Upper
119 100
91 70.1 35.3 105.9
134 24.9 12.1 36.3



#84
1,2,4-Trimethylbenzene
Concen: 20.972 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion:105 Resp: 247687
Ion Ratio Lower Upper
105 100
120 42.7 21.6 64.8





#85

sec-Butylbenzene

Concen: 20.297 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

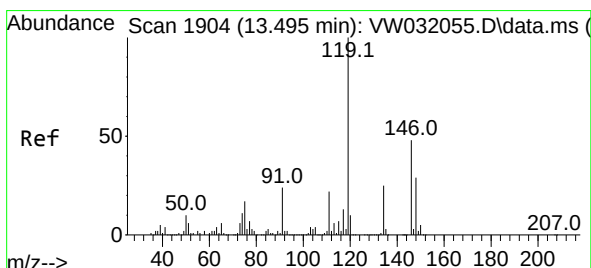
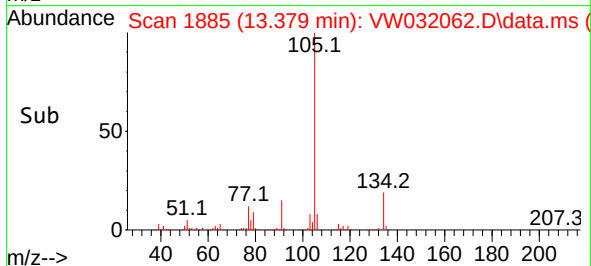
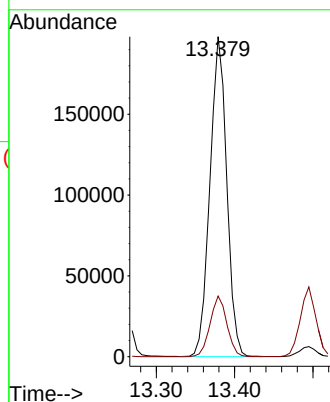
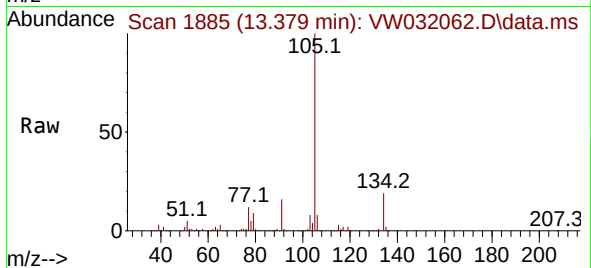
VW0811SBSD01

Tgt Ion:105 Resp: 295479

Ion Ratio Lower Upper

105 100

134 18.9 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.359 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

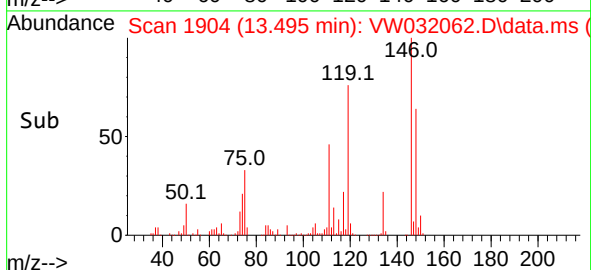
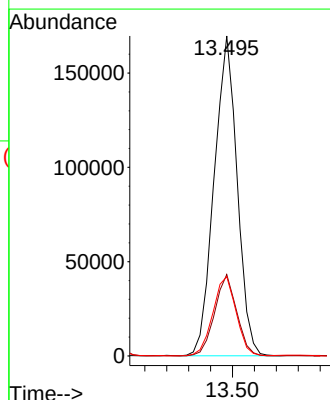
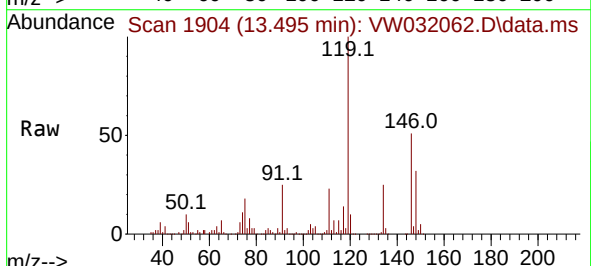
Tgt Ion:119 Resp: 247079

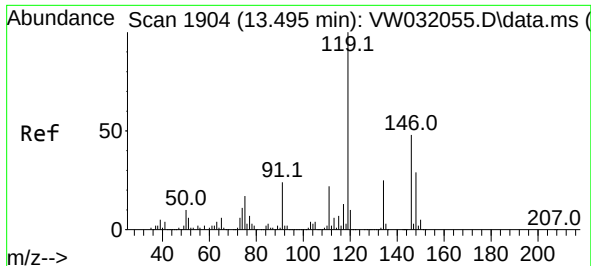
Ion Ratio Lower Upper

119 100

134 24.4 12.4 37.0

91 25.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.737 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBSD01

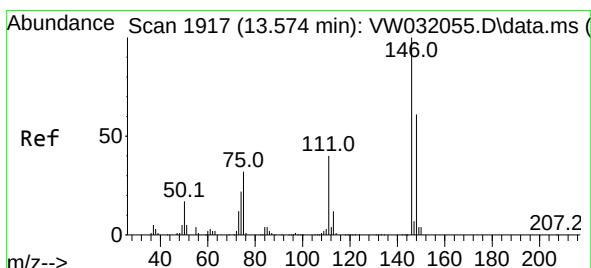
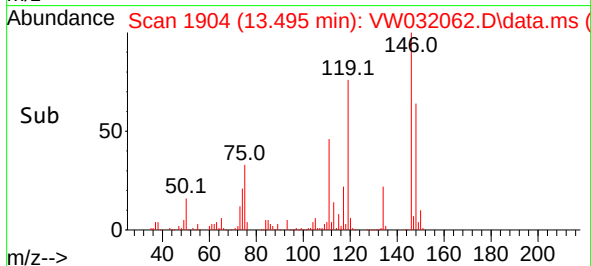
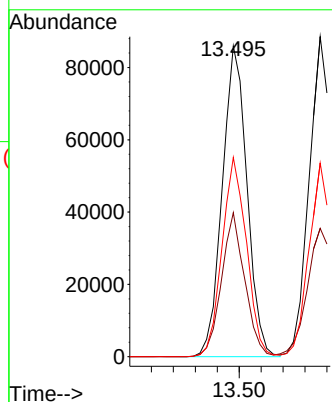
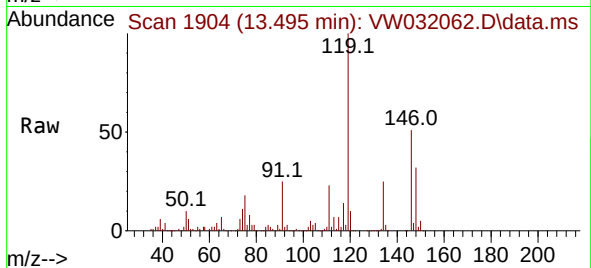
Tgt Ion:146 Resp: 134680

Ion Ratio Lower Upper

146 100

111 43.7 21.2 63.6

148 63.4 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 20.740 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

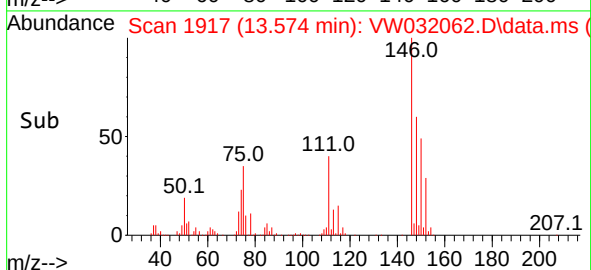
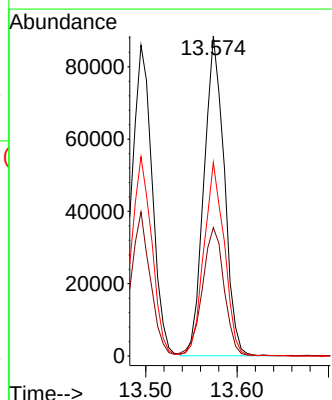
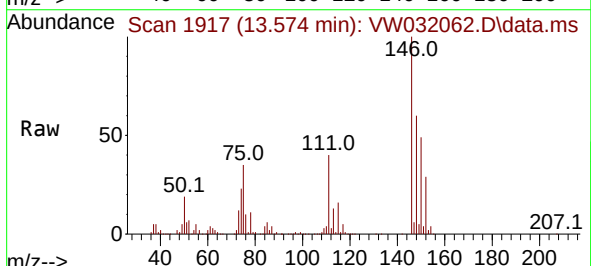
Tgt Ion:146 Resp: 136123

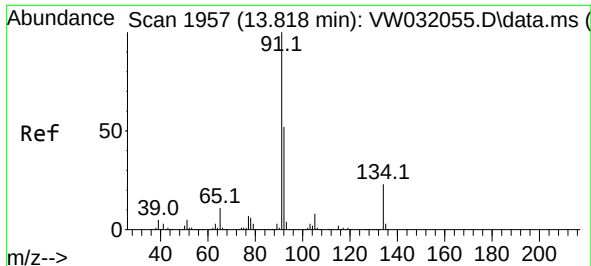
Ion Ratio Lower Upper

146 100

111 43.3 21.6 64.6

148 61.0 32.0 96.2

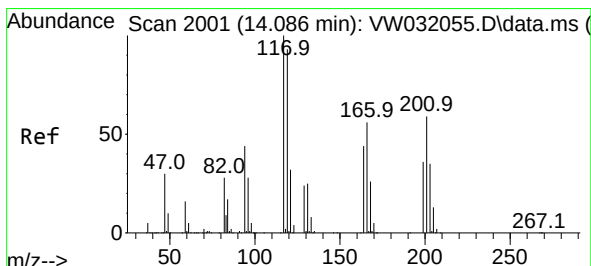
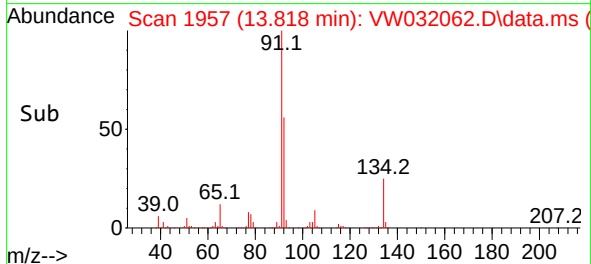
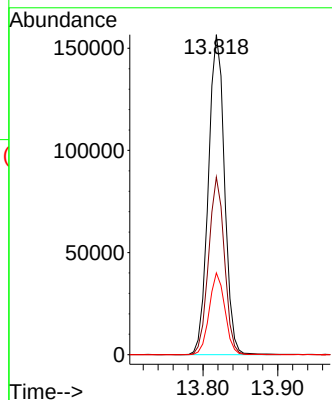
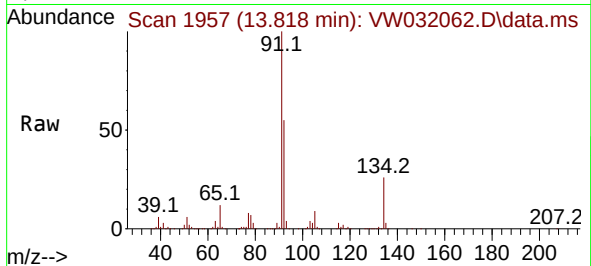




#89
n-Butylbenzene
Concen: 19.961 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

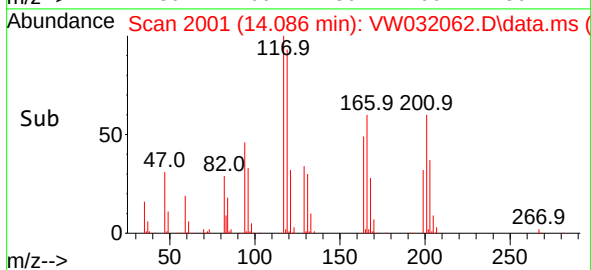
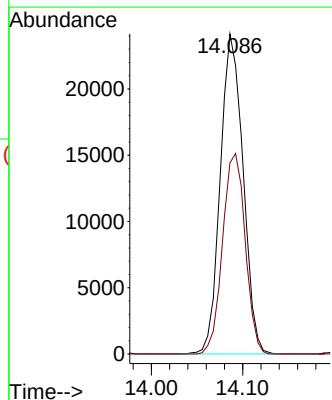
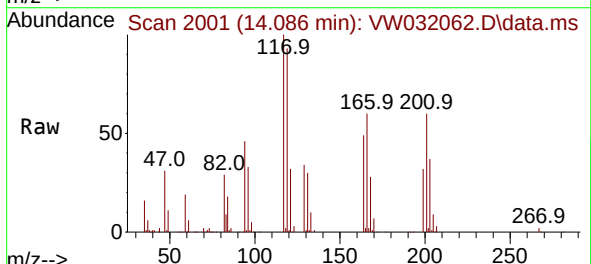
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBSD01

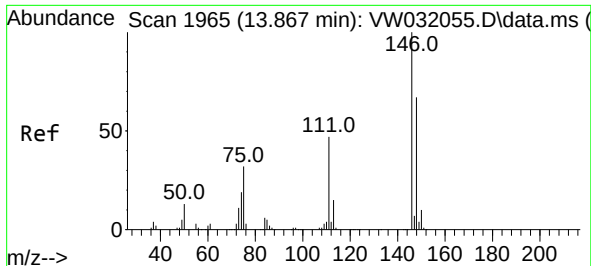
Tgt Ion: 91 Resp: 235344
Ion Ratio Lower Upper
91 100
92 54.5 26.7 80.1
134 24.8 12.0 36.1



#90
Hexachloroethane
Concen: 18.827 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032062.D
Acq: 11 Aug 2025 13:10

Tgt Ion: 117 Resp: 41787
Ion Ratio Lower Upper
117 100
201 62.2 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 20.808 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBSD01

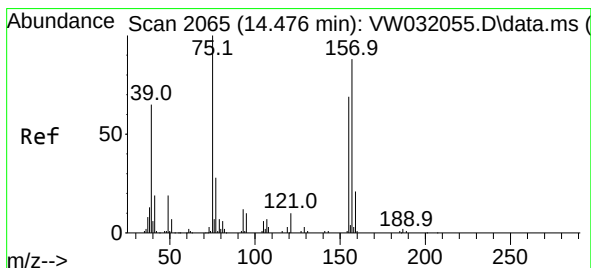
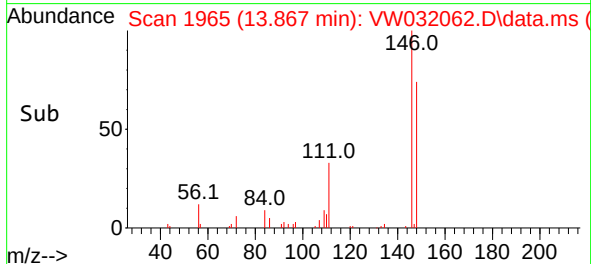
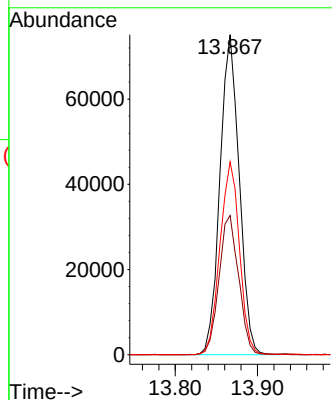
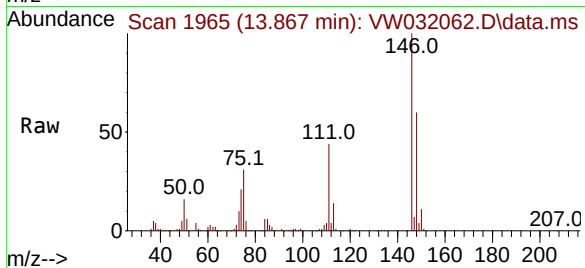
Tgt Ion:146 Resp: 122421

Ion Ratio Lower Upper

146 100

111 44.5 23.1 69.3

148 61.0 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.597 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

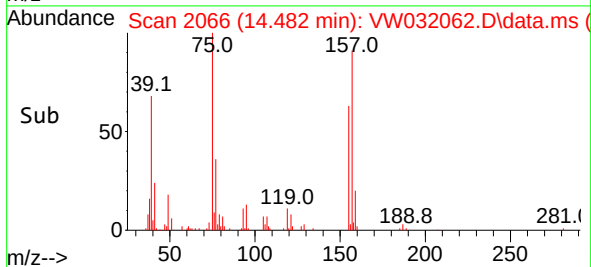
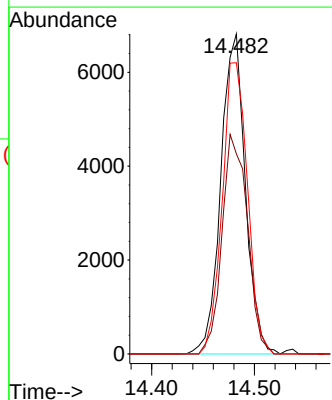
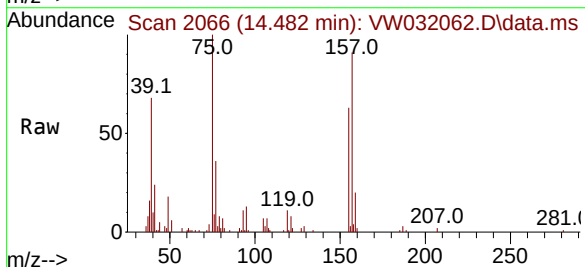
Tgt Ion: 75 Resp: 11304

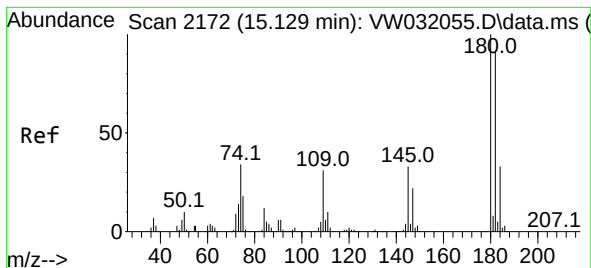
Ion Ratio Lower Upper

75 100

155 70.9 35.2 105.6

157 93.4 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 20.416 ug/l

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBSD01

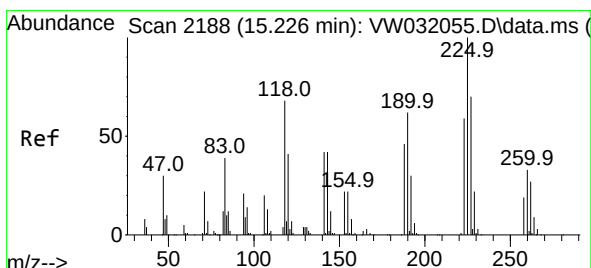
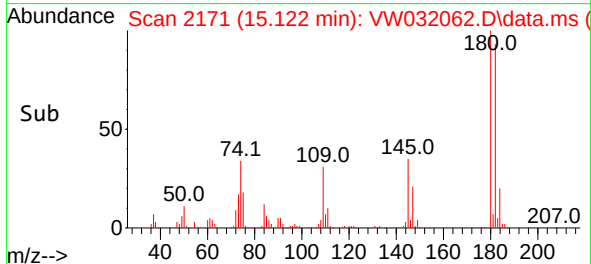
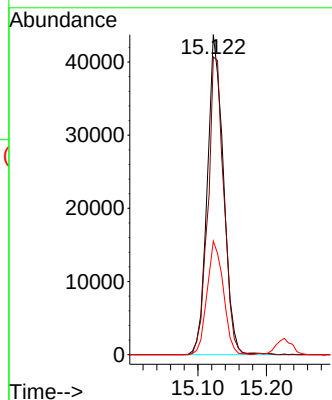
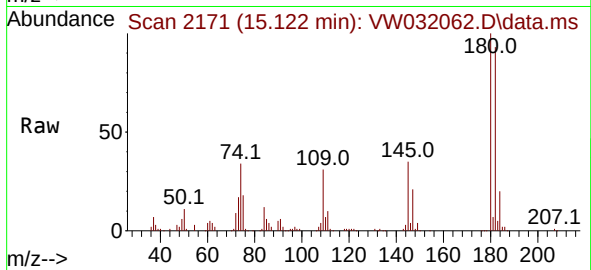
Tgt Ion:180 Resp: 71854

Ion Ratio Lower Upper

180 100

182 92.0 49.0 147.0

145 35.7 17.3 51.9



#94

Hexachlorobutadiene

Concen: 19.444 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

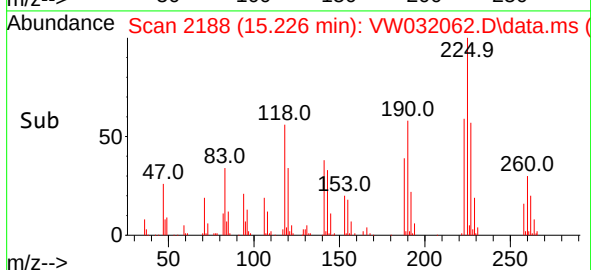
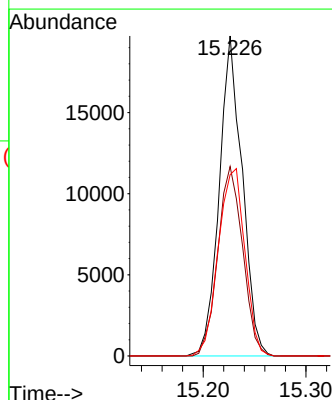
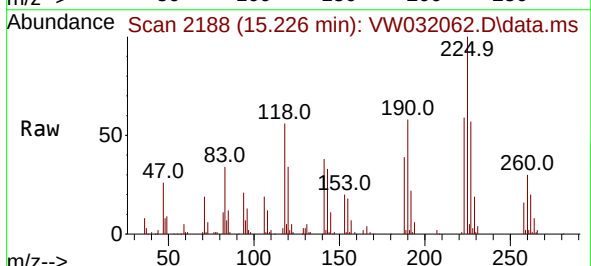
Tgt Ion:225 Resp: 30590

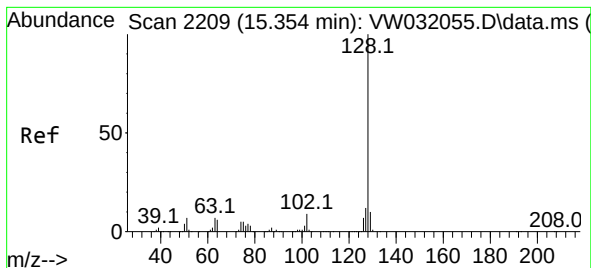
Ion Ratio Lower Upper

225 100

223 63.9 31.8 95.3

227 67.7 33.5 100.5





#95

Naphthalene

Concen: 20.223 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBSD01

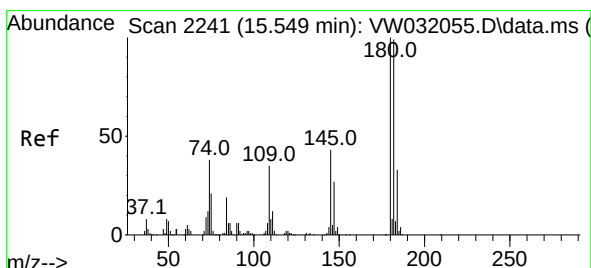
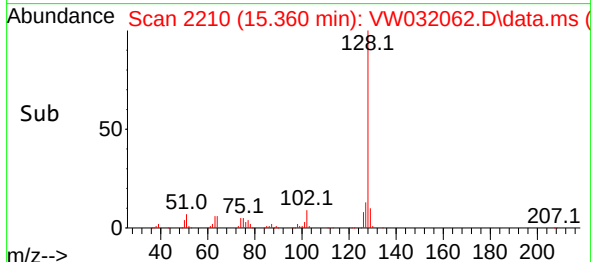
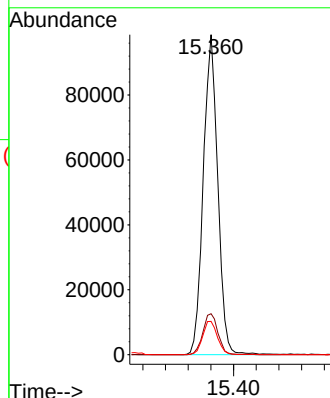
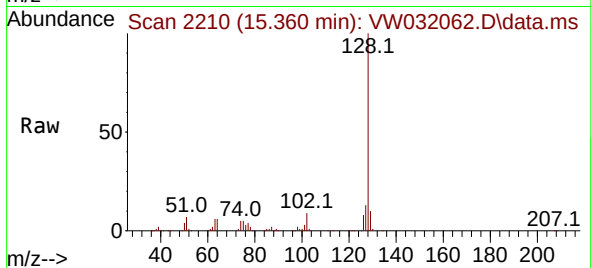
Tgt Ion:128 Resp: 174401

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.7 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 20.606 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032062.D

Acq: 11 Aug 2025 13:10

Tgt Ion:180 Resp: 65985

Ion Ratio Lower Upper

180 100

182 90.5 46.0 138.0

145 36.0 19.2 57.6

