

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032110.D
 Acq On : 22 Aug 2025 14:44
 Operator : SY/MD
 Sample : VW0822SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Quant Time: Aug 25 03:53:19 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	7.965	168	208637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	348689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	334530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	143367	47.512	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.020%
35) Dibromofluoromethane	7.898	113	121253	53.826	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	107.660%
50) Toluene-d8	10.325	98	433575	52.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.617	95	158110	51.494	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	33257	22.287	ug/l	94
3) Chloromethane	2.253	50	38017	18.914	ug/l	98
4) Vinyl Chloride	2.405	62	48311	19.870	ug/l	93
5) Bromomethane	2.820	94	39499	21.654	ug/l	97
6) Chloroethane	2.966	64	32448	20.168	ug/l	97
7) Trichlorofluoromethane	3.295	101	44839	23.021	ug/l	94
8) Diethyl Ether	3.722	74	30944	19.391	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.106	101	46526	20.247	ug/l	97
10) Methyl Iodide	4.314	142	64091	19.671	ug/l	97
11) Tert butyl alcohol	5.222	59	18242	93.361	ug/l #	71
12) 1,1-Dichloroethene	4.076	96	48727	19.258	ug/l	97
13) Acrolein	3.929	56	17552	56.378	ug/l	96
14) Allyl chloride	4.704	41	60358	16.390	ug/l	89
15) Acrylonitrile	5.405	53	69758	91.778	ug/l	99
16) Acetone	4.161	43	74797	107.063	ug/l	93
17) Carbon Disulfide	4.423	76	112411	16.552	ug/l	97
18) Methyl Acetate	4.710	43	41951	18.976	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	81024	18.174	ug/l	100
20) Methylene Chloride	4.954	84	67039	20.754	ug/l	98
21) trans-1,2-Dichloroethene	5.466	96	50701	18.882	ug/l	90
22) Diisopropyl ether	6.344	45	138697	17.866	ug/l	92
23) Vinyl Acetate	6.289	43	474733	93.139	ug/l	96
24) 1,1-Dichloroethane	6.246	63	88440	17.830	ug/l	100
25) 2-Butanone	7.197	43	97822	98.519	ug/l	99
26) 2,2-Dichloropropane	7.185	77	45617	18.332	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	60474	19.267	ug/l	95
28) Bromochloromethane	7.532	49	42593	18.870	ug/l	91
29) Tetrahydrofuran	7.551	42	60504	92.398	ug/l	97
30) Chloroform	7.697	83	102408	19.475	ug/l	98
31) Cyclohexane	7.971	56	74023	17.214	ug/l	91
32) 1,1,1-Trichloroethane	7.892	97	74890	19.607	ug/l	98
36) 1,1-Dichloropropene	8.093	75	68076	21.437	ug/l	99
37) Ethyl Acetate	7.270	43	40648	21.733	ug/l	98
38) Carbon Tetrachloride	8.087	117	69951	22.825	ug/l	94
39) Methylcyclohexane	9.343	83	78718	20.337	ug/l	99
40) Benzene	8.337	78	207275	20.998	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	21356	20.135	ug/l #	92
42) 1,2-Dichloroethane	8.416	62	70448	22.303	ug/l	97
43) Isopropyl Acetate	8.435	43	74687	21.704	ug/l	99
44) Trichloroethene	9.099	130	51860	22.061	ug/l	99
45) 1,2-Dichloropropane	9.374	63	48485	20.331	ug/l	95
46) Dibromomethane	9.465	93	34874	22.658	ug/l	95
47) Bromodichloromethane	9.654	83	78589	22.159	ug/l	99
48) Methyl methacrylate	9.441	41	34069	20.508	ug/l #	90
49) 1,4-Dioxane	9.459	88	8263	415.216	ug/l	93
51) 4-Methyl-2-Pentanone	10.215	43	218018	112.250	ug/l	97
52) Toluene	10.392	92	135391	21.775	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	67158	20.212	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	77280	20.501	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	44957	21.981	ug/l	96
56) Ethyl methacrylate	10.648	69	55577	20.306	ug/l #	92
57) 1,3-Dichloropropane	10.934	76	75986	21.314	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	154282	101.912	ug/l	96
59) 2-Hexanone	10.971	43	154674	114.987	ug/l	94
60) Dibromochloromethane	11.129	129	54957	23.523	ug/l	96
61) 1,2-Dibromoethane	11.239	107	45265	22.774	ug/l	99
64) Tetrachloroethene	10.867	164	44995	23.286	ug/l	94
65) Chlorobenzene	11.660	112	155006	21.288	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	50613	22.278	ug/l	97
67) Ethyl Benzene	11.733	91	256610	20.805	ug/l	98
68) m/p-Xylenes	11.837	106	197918	41.586	ug/l	100
69) o-Xylene	12.166	106	92378	21.000	ug/l	96
70) Styrene	12.178	104	163009	20.863	ug/l	99
71) Bromoform	12.349	173	29724	22.873	ug/l #	95
73) Isopropylbenzene	12.465	105	233398	18.494	ug/l	99
74) N-amyl acetate	12.269	43	69046	19.070	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	58077	19.382	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	70344	28.701	ug/l	54
77) Bromobenzene	12.745	156	61125	20.279	ug/l	89
78) n-propylbenzene	12.800	91	290994	18.729	ug/l	98
79) 2-Chlorotoluene	12.891	91	173370	18.080	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	204174	19.057	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	16615	17.551	ug/l	94
82) 4-Chlorotoluene	12.989	91	186347	18.291	ug/l	96
83) tert-Butylbenzene	13.202	119	167230	18.807	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	208113	19.081	ug/l	98
85) sec-Butylbenzene	13.379	105	252219	18.761	ug/l	99
86) p-Isopropyltoluene	13.495	119	215907	19.265	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	123252	20.550	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	122074	20.141	ug/l	97
89) n-Butylbenzene	13.818	91	199744	18.345	ug/l	98
90) Hexachloroethane	14.092	117	38361	18.716	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	110635	20.363	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	9955	18.688	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	68965	21.219	ug/l	94
94) Hexachlorobutadiene	15.232	225	33652	23.163	ug/l	93
95) Naphthalene	15.360	128	155063	19.471	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	63132	21.349	ug/l	94

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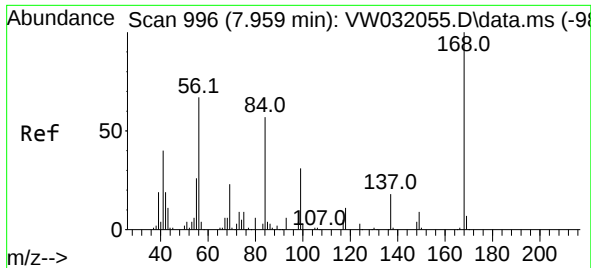
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

The chromatogram displays a series of peaks over a 16-minute period. The y-axis represents Abundance from 0 to 900,000, and the x-axis represents Time in minutes from 2.00 to 16.00. The following table lists the compounds identified at their respective retention times:

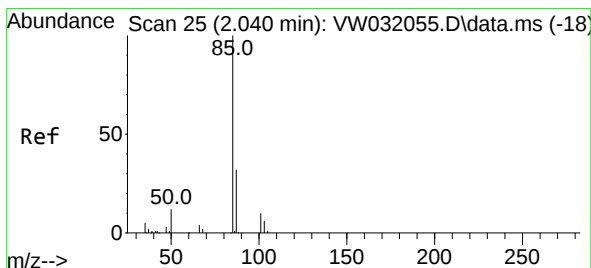
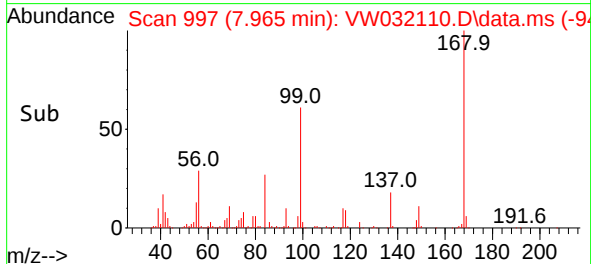
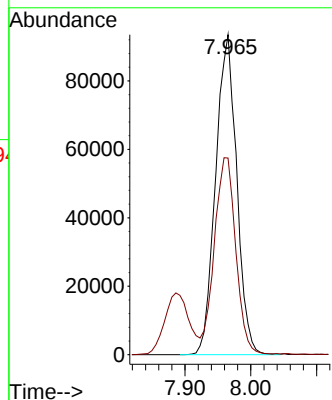
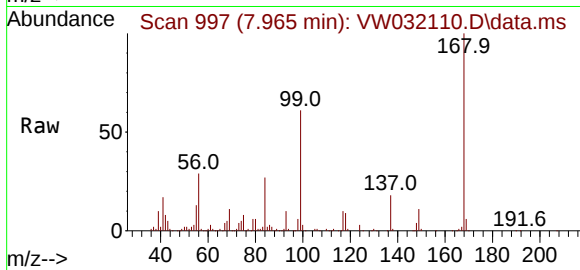
Retention Time (min)	Compound(s)
2.00	Dichlorodifluoromethane, T
2.20	Chloromethane, P
2.40	Vinyl Chloride, C
2.80	Bromomethane, T
3.20	Chloroethane, I
3.60	Trichlorofluoromethane, T
4.00	Diethyl Ether, T
4.20	Acrolein, T
4.40	Acetone, T
4.60	1,1,2-Trichloroethane, T
4.80	Methyl isocyanide, T
5.00	Carbon Disulfide, T
5.20	Methyl isocyanide, T
5.40	Methylene Chloride, T
5.60	Tert butyl alcohol, T
5.80	Acrylonitrile, T
6.00	Methyl (2-chlorovinyl) ether, T
6.20	1,1-Dichloroethane, P
6.40	Diisopropyl ether, T
6.60	Vinyl Acetate, T
7.20	Ethyl Acetate, T
7.40	2,2-Dichloro-1,1-difluoroethane, T
7.60	Methacrylonitrile, T
7.80	Chloroform, C
8.00	1,1,1-Trichloroethane, T
8.20	1,1,2-Trichloroethane, T
8.40	1,2-Dichloroethane, T
8.60	1,2-Dichloroethane, T
8.80	1,2-Dichloroethane, T
9.00	1,4-Difluorobenzene, I
9.20	Trichloroethene, TM
9.40	Methylcyclohexane, T
9.60	2,2-Dichloropropane, T
9.80	Bromodichloromethane, T
10.00	cis-1,3-Dichloropropene, T
10.20	2-Chloroethyl Vinyl ether, T
10.40	4-Methyl-2-Pentanone, T
10.60	Toluene, C, M
10.80	Ethyl methacrylate, T
11.00	1,1,2-Trichloroethane, T
11.20	1,3-Dichloropropane, T
11.40	2-Hexanone, T
11.60	Dibromochloromethane, I
11.80	1,2-Dibromodichloroethane, I
12.00	Chlorobenzene, PM
12.20	Ethyl Benzene, T
12.40	N-amyl acetate, T
12.60	Bromoform, P
12.80	trans-1,4-Dichloro-2-butene, T
13.00	Isopropyl benzene, T
13.20	4-Bromofluorobenzene, S
13.40	Bromobenzene, T
13.60	n-propylbenzene, T
13.80	4-Chlorobenzene, T
14.00	1,3,5-Trimethylbenzene, T
14.20	tert-Butylbenzene, T
14.40	sec-Butylbenzene, T
14.60	1,4-Dichlorobenzene, T
14.80	n-Butylbenzene, T
15.00	Hexachloroethane, T
15.20	1,2-Dibromo-3-Chloropropane, T
15.40	1,2,4-Trichlorobenzene, T
15.60	Hexachlorocyclopentadiene, I
15.80	Naphthalene, T
16.00	1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.006 min
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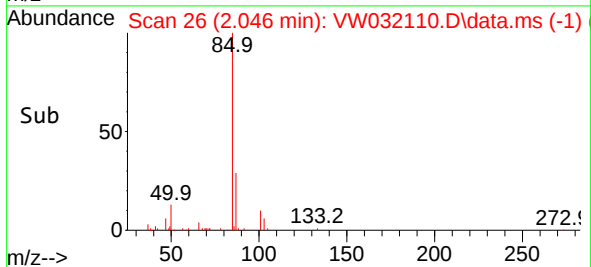
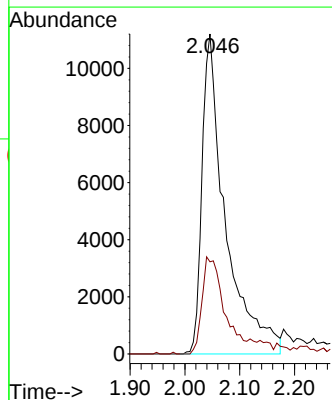
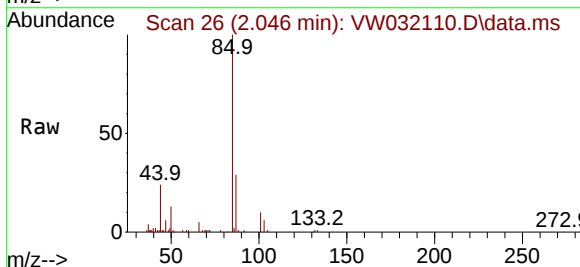
Instrument :
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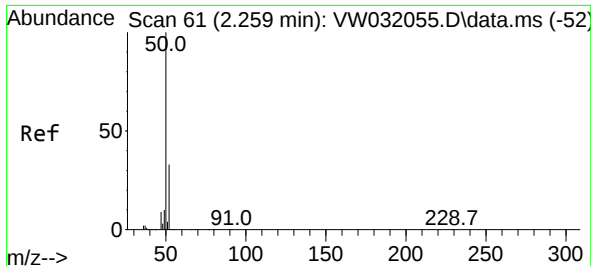
Tgt Ion:168 Resp: 208637
Ion Ratio Lower Upper
168 100
99 61.2 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 22.287 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 85 Resp: 33257
Ion Ratio Lower Upper
85 100
87 28.8 16.2 48.6

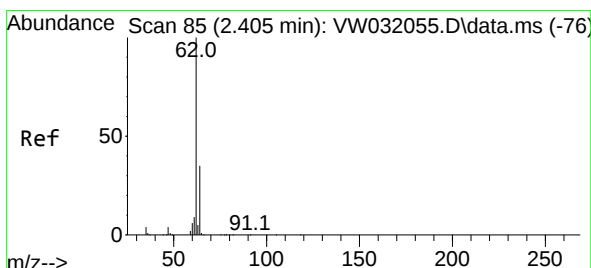
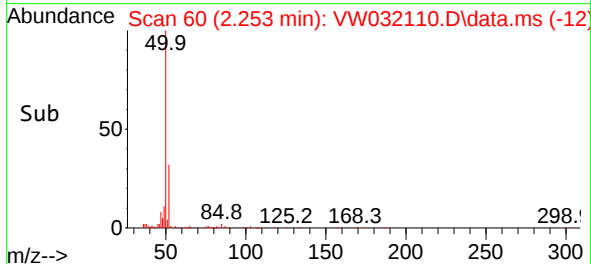
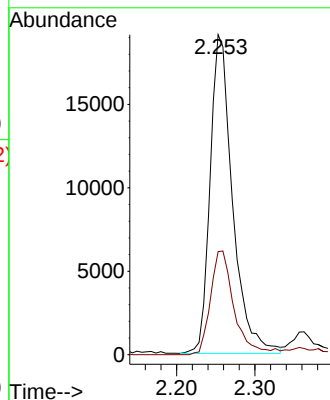
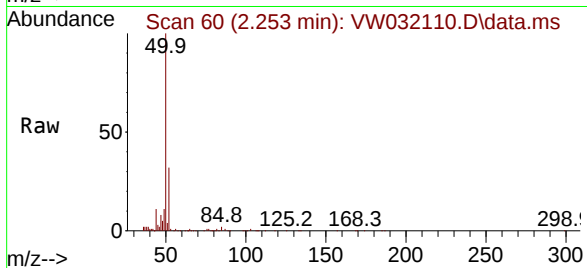




#3
Chloromethane
Concen: 18.914 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

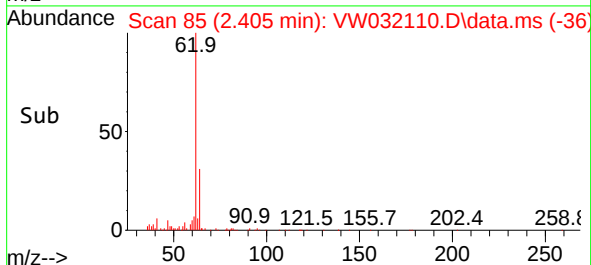
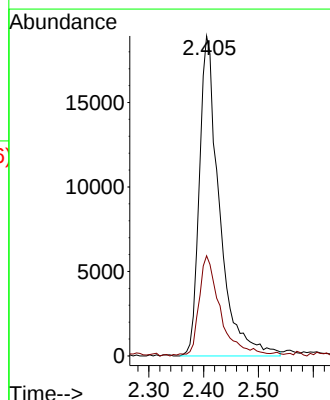
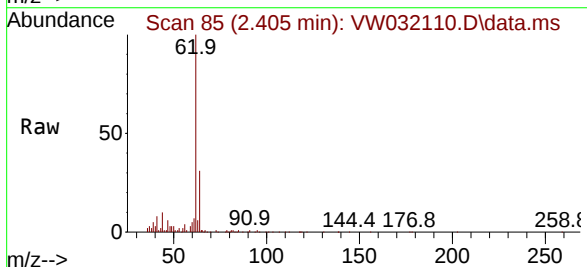
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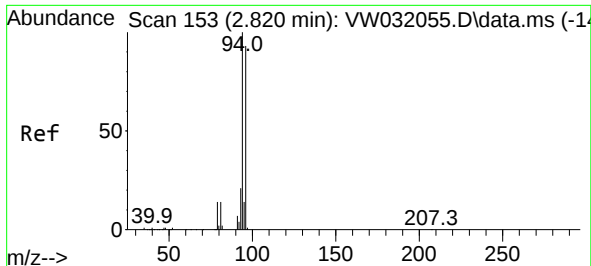
Tgt Ion: 50 Resp: 38017
Ion Ratio Lower Upper
50 100
52 32.3 26.6 39.8



#4
Vinyl Chloride
Concen: 19.870 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 62 Resp: 48311
Ion Ratio Lower Upper
62 100
64 30.7 27.8 41.6

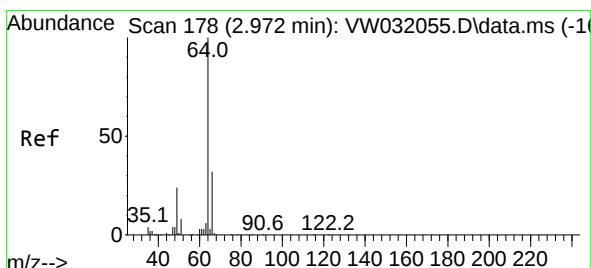
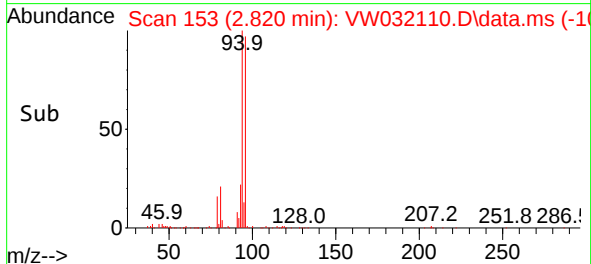
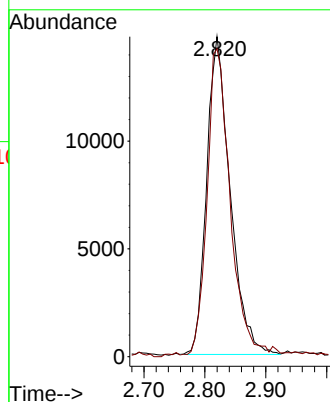
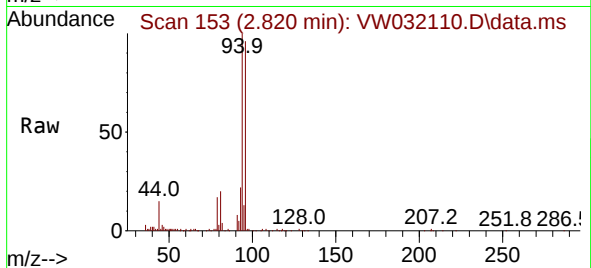




#5
Bromomethane
Concen: 21.654 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

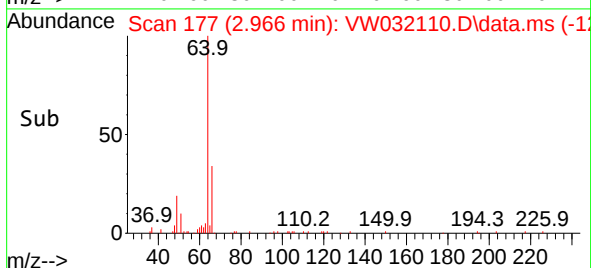
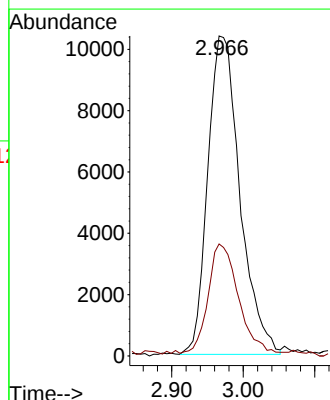
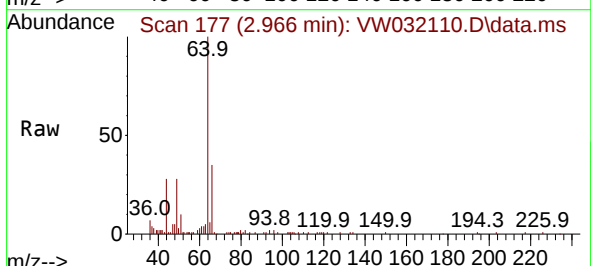
Instrument :
MSVOA_W
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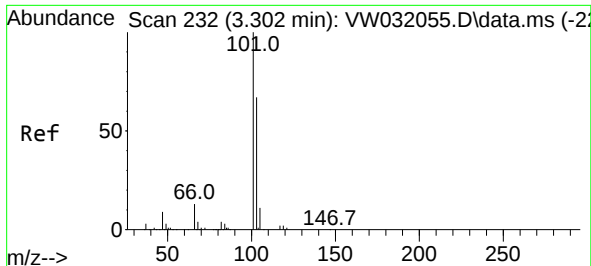
Tgt Ion: 94 Resp: 39499
Ion Ratio Lower Upper
94 100
96 96.3 74.7 112.1



#6
Chloroethane
Concen: 20.168 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 32448
Ion Ratio Lower Upper
64 100
66 34.3 26.0 39.0

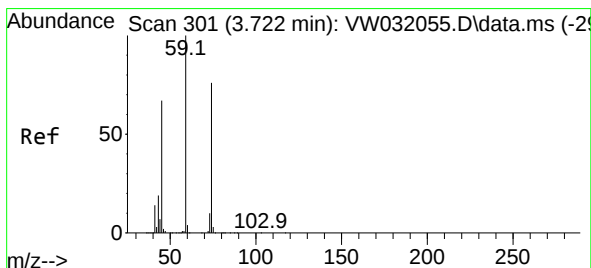
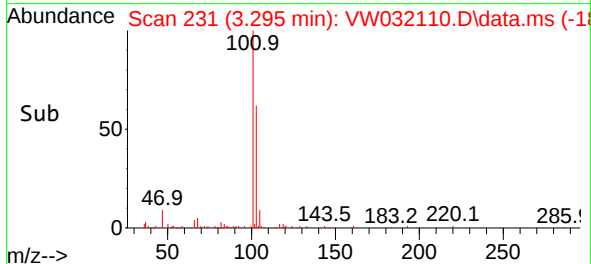
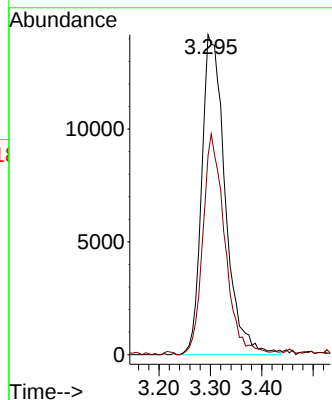
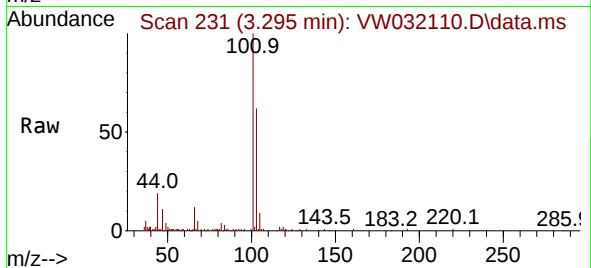




#7
Trichlorofluoromethane
Concen: 23.021 ug/l
RT: 3.295 min Scan# 21
Delta R.T. -0.006 min
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Acq: 22 Aug 2025 14:44

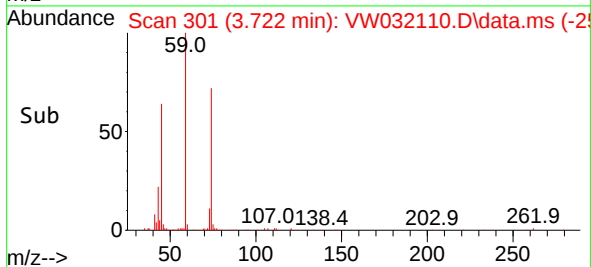
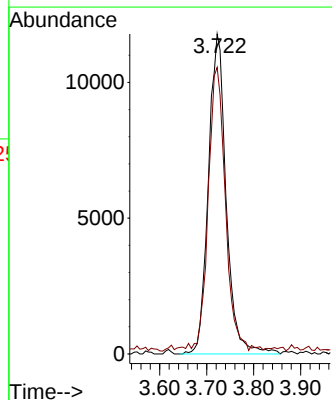
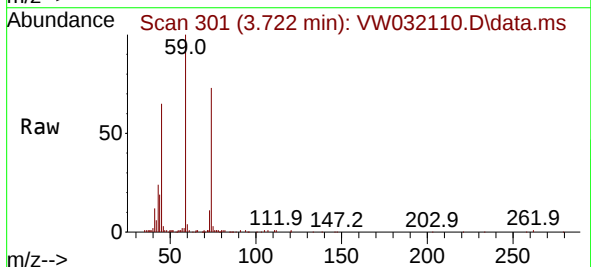
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

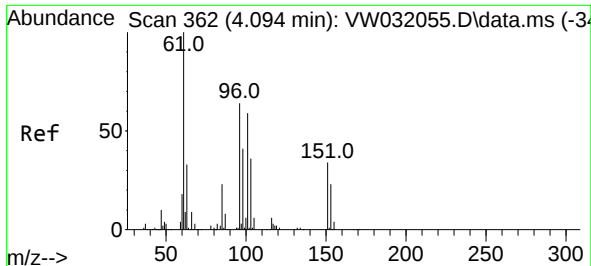
Tgt Ion:101 Resp: 44839
Ion Ratio Lower Upper
101 100
103 62.2 53.4 80.0



#8
Diethyl Ether
Concen: 19.391 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 74 Resp: 30944
Ion Ratio Lower Upper
74 100
45 85.0 45.4 136.2

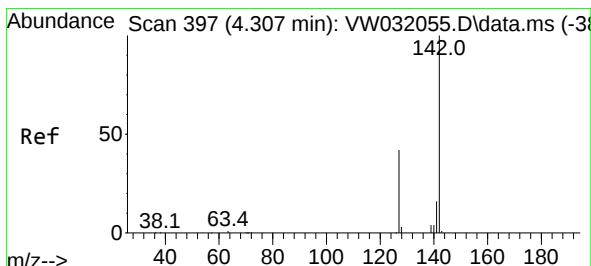
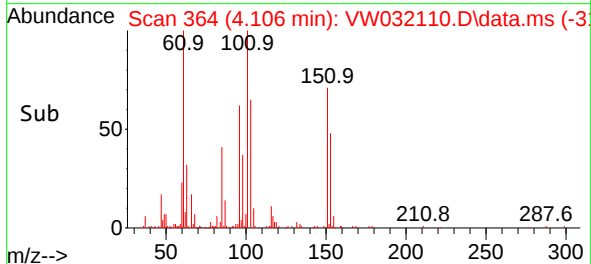
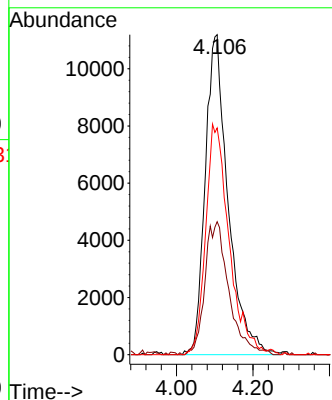
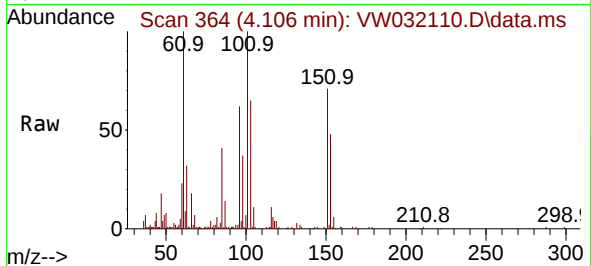




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.247 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.012 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

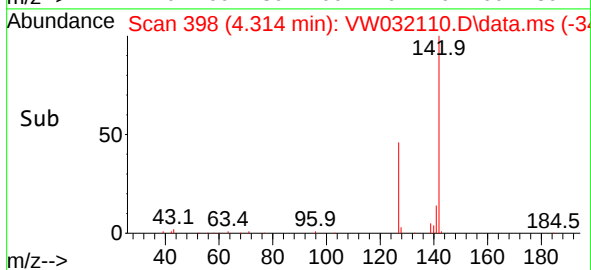
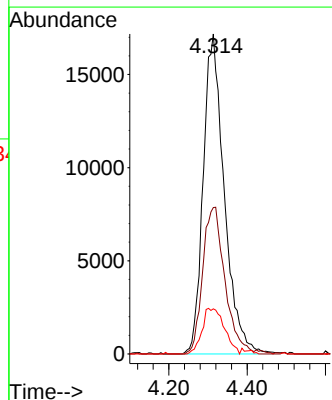
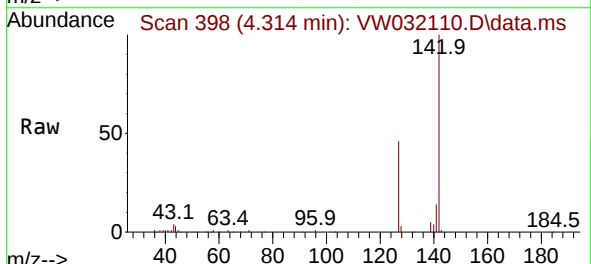
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

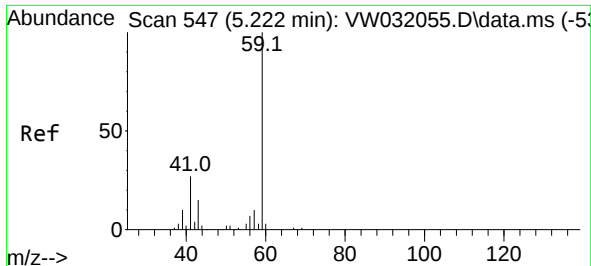
Tgt Ion:101 Resp: 46526
Ion Ratio Lower Upper
101 100
85 43.1 34.9 52.3
151 73.5 56.2 84.4



#10
Methyl Iodide
Concen: 19.671 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion:142 Resp: 64091
Ion Ratio Lower Upper
142 100
127 48.3 36.6 55.0
141 15.0 12.1 18.1

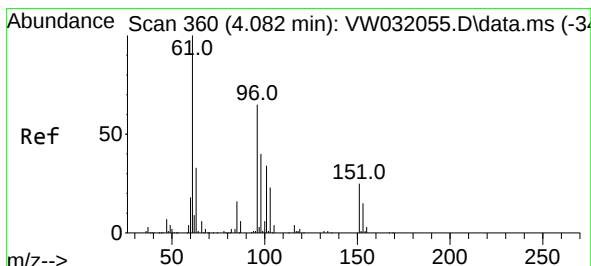
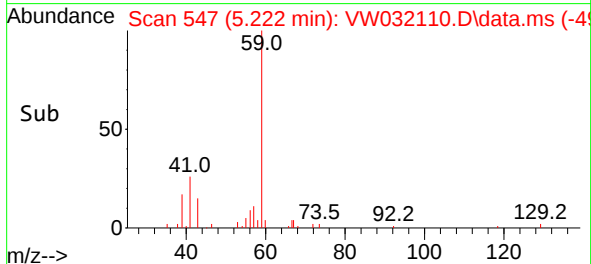
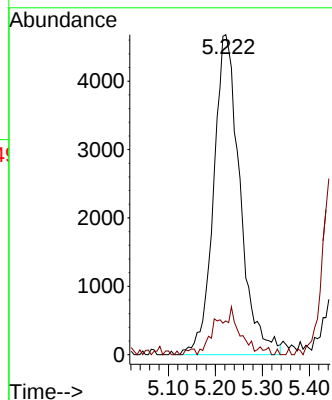
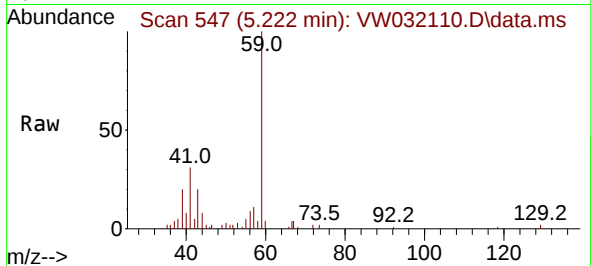




#11
Tert butyl alcohol
Concen: 93.361 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

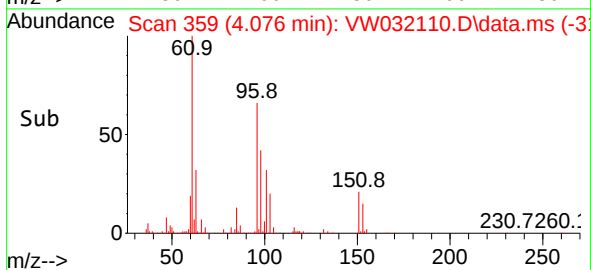
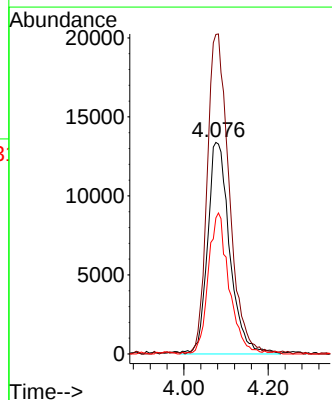
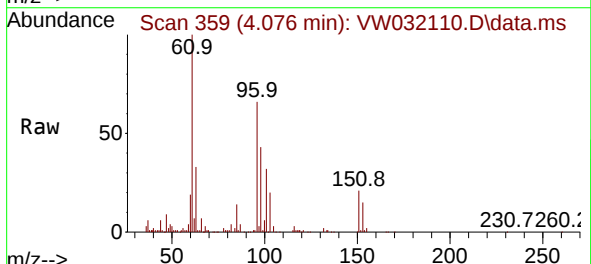
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

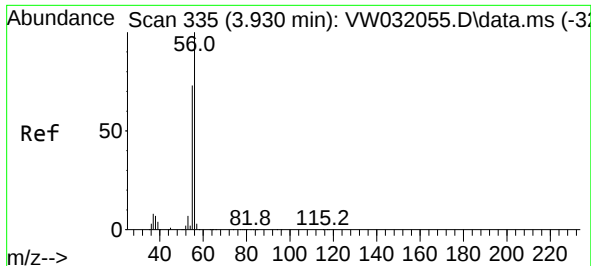
Tgt Ion: 59 Resp: 18242
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 19.258 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 96 Resp: 48727
Ion Ratio Lower Upper
96 100
61 150.6 123.4 185.2
98 64.3 49.5 74.3





#13

Acrolein

Concen: 56.378 ug/l

RT: 3.929 min Scan# 31

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

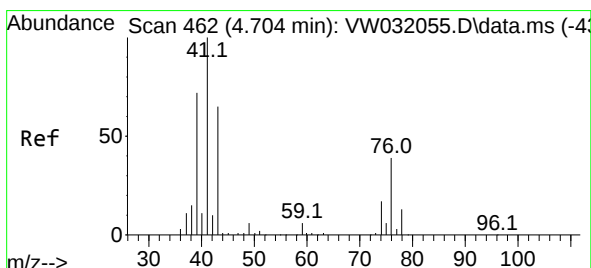
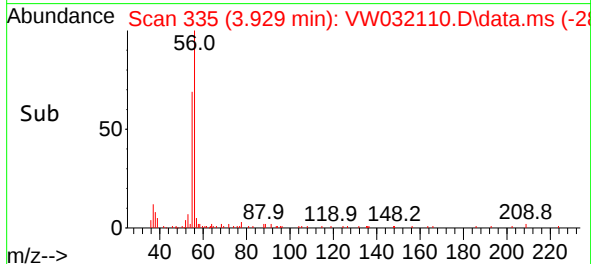
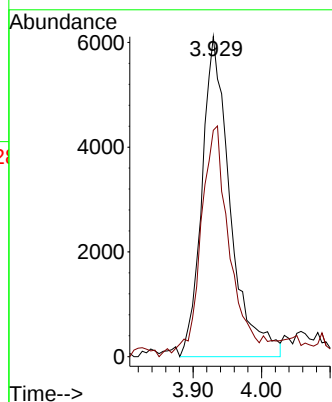
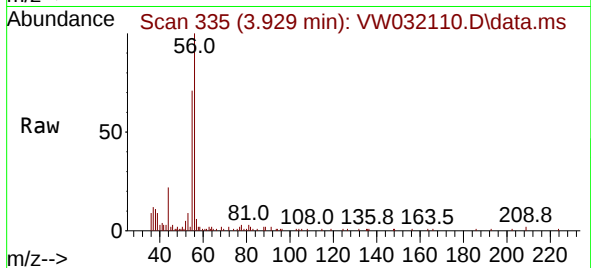
VW0822SBSD01

Tgt Ion: 56 Resp: 17552

Ion Ratio Lower Upper

56 100

55 72.3 55.4 83.2



#14

Allyl chloride

Concen: 16.390 ug/l

RT: 4.704 min Scan# 462

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

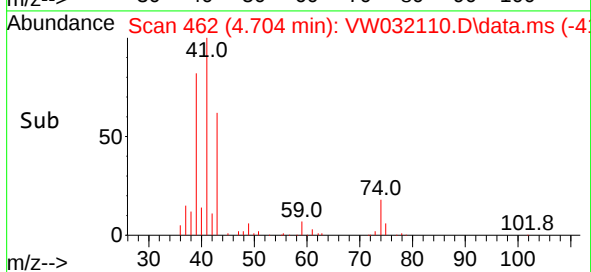
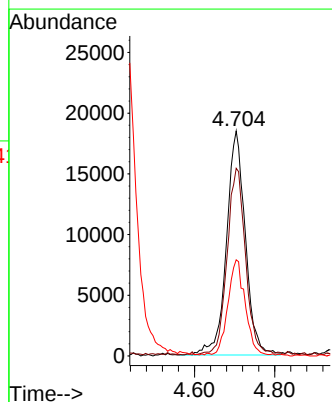
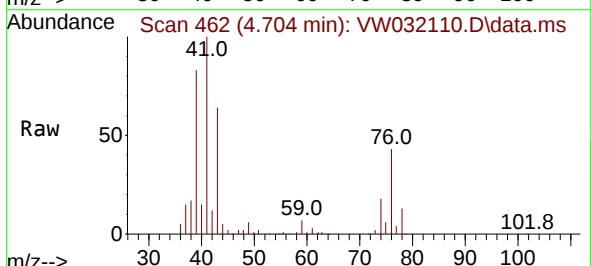
Tgt Ion: 41 Resp: 60358

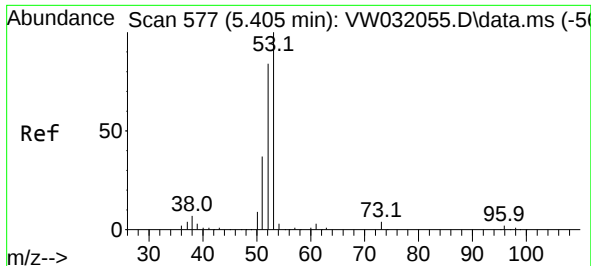
Ion Ratio Lower Upper

41 100

39 80.8 54.5 81.7

76 38.3 29.3 43.9

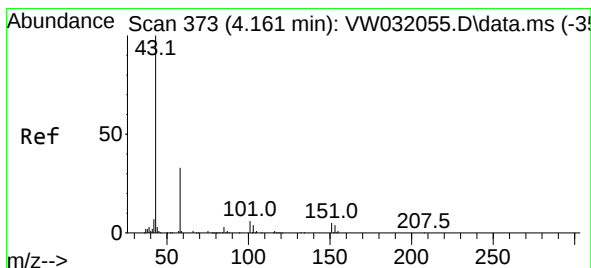
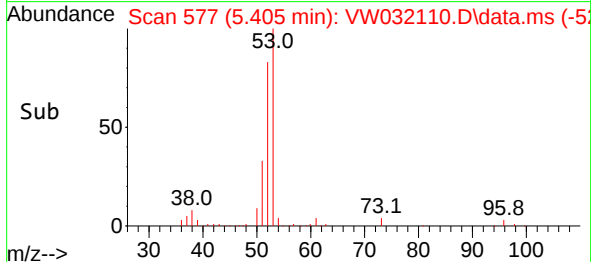
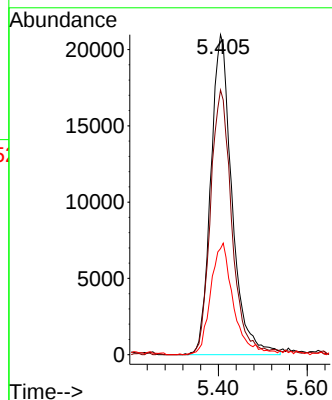
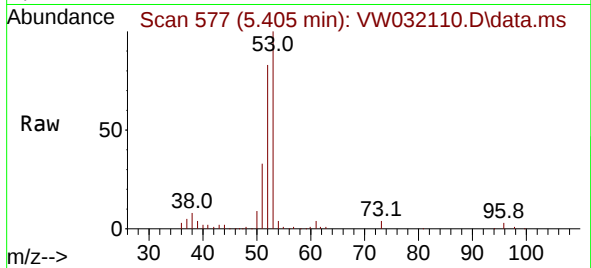




#15
Acrylonitrile
Concen: 91.778 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

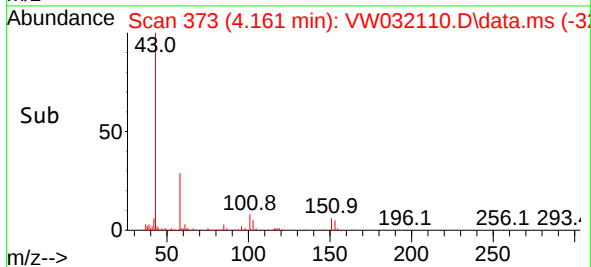
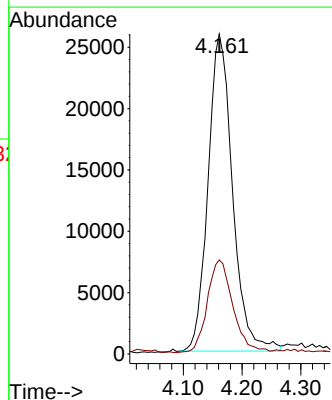
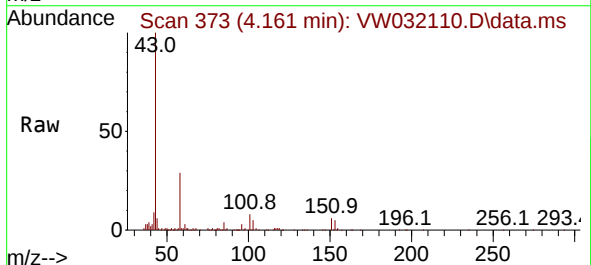
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

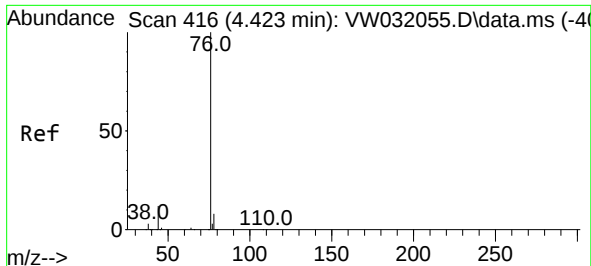
Tgt Ion:	53	Resp:	69758
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.1	99.1
51	37.3	29.2	43.8



#16
Acetone
Concen: 107.063 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion:	43	Resp:	74797
Ion	Ratio	Lower	Upper
43	100		
58	29.0	26.6	39.8

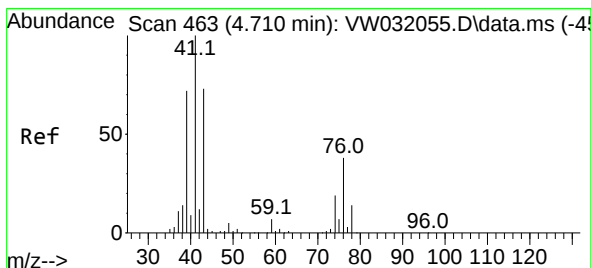
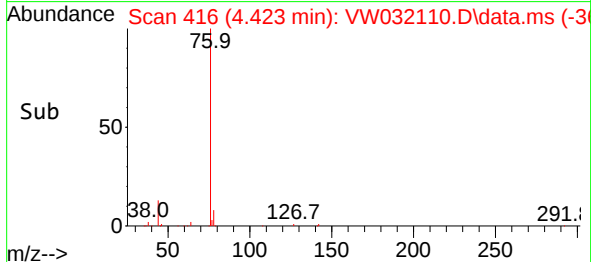
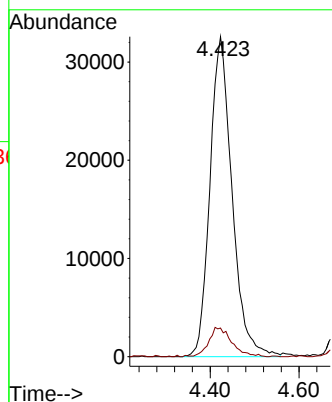
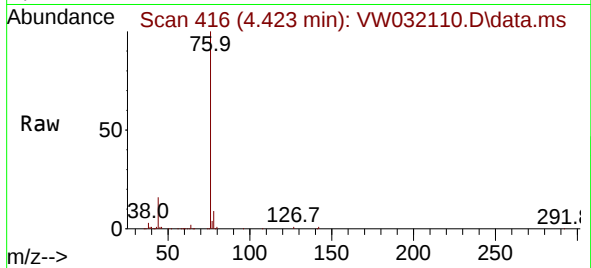




#17
Carbon Disulfide
Concen: 16.552 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

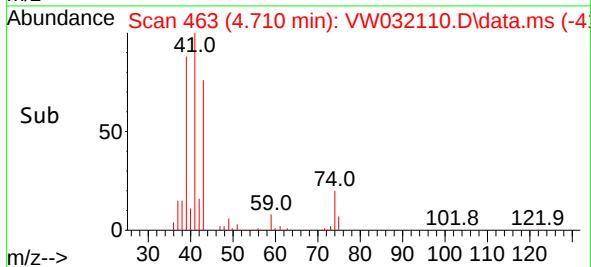
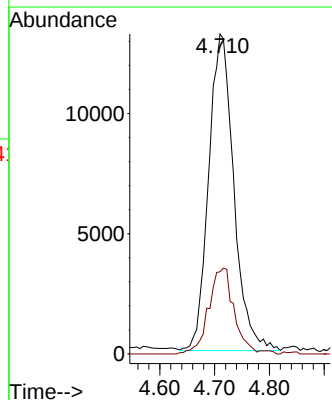
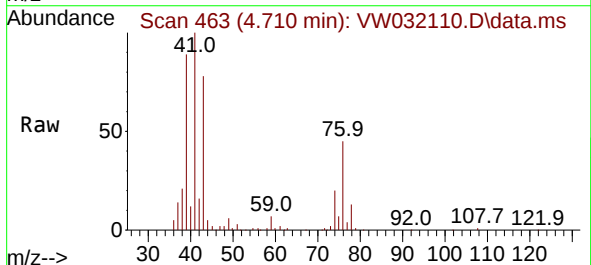
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

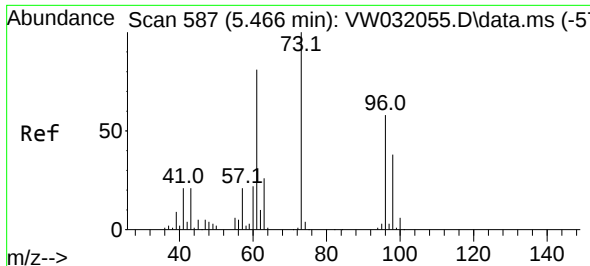
Tgt Ion: 76 Resp: 112411
Ion Ratio Lower Upper
76 100
78 9.0 6.4 9.6



#18
Methyl Acetate
Concen: 18.976 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 43 Resp: 41951
Ion Ratio Lower Upper
43 100
74 27.4 20.6 31.0

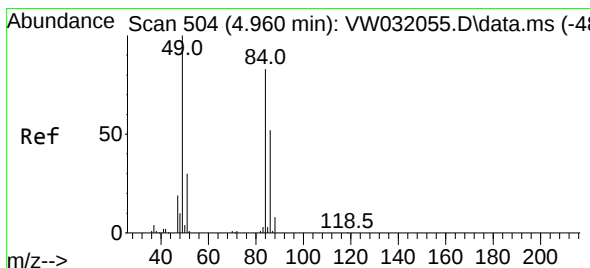
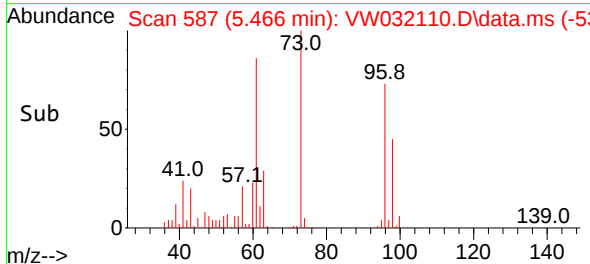
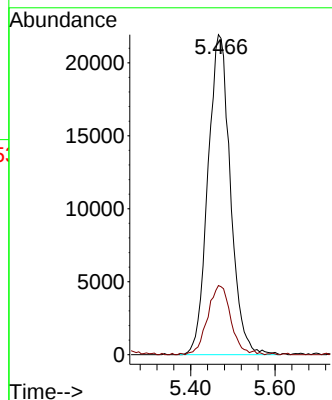
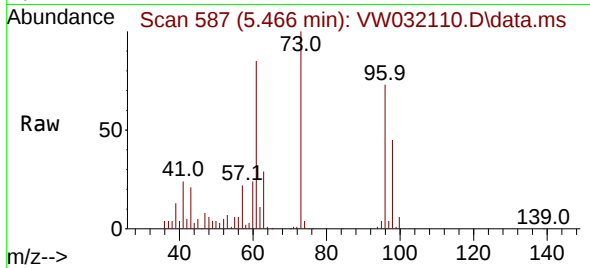




#19
Methyl tert-butyl Ether
Concen: 18.174 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

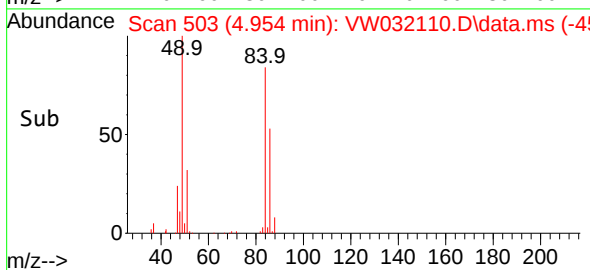
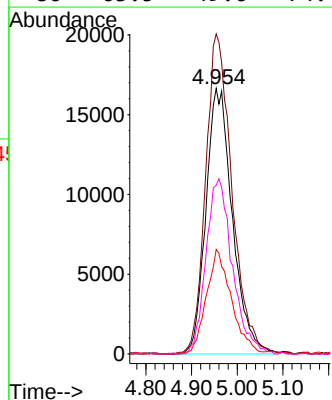
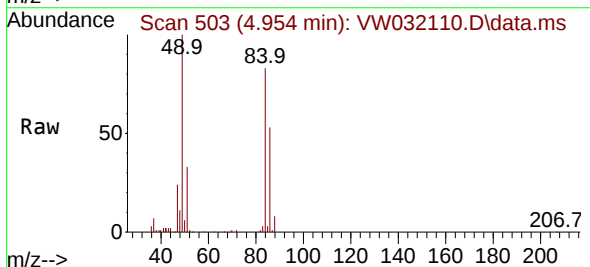
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

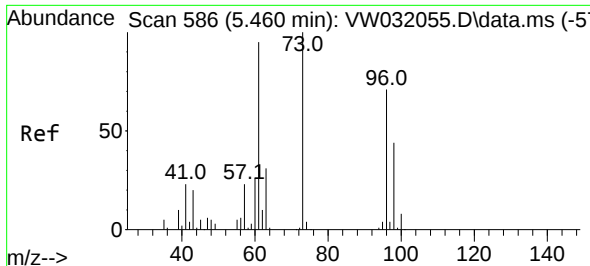
Tgt Ion: 73 Resp: 81024
Ion Ratio Lower Upper
73 100
57 21.6 17.2 25.8



#20
Methylene Chloride
Concen: 20.754 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 84 Resp: 67039
Ion Ratio Lower Upper
84 100
49 119.9 95.9 143.9
51 39.4 28.6 43.0
86 63.5 49.6 74.4

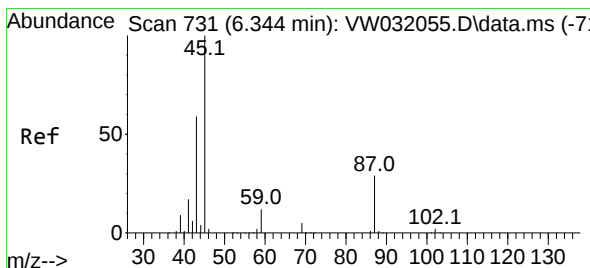
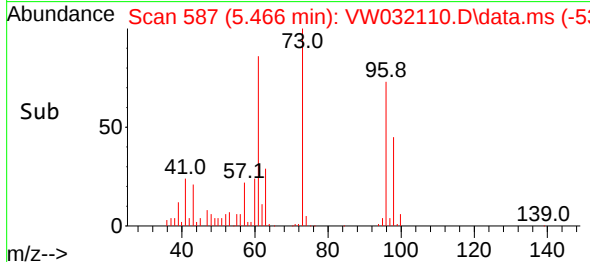
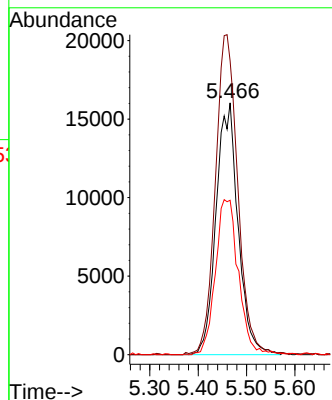
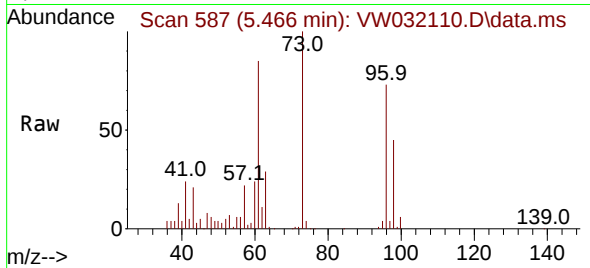




#21
trans-1,2-Dichloroethene
Concen: 18.882 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

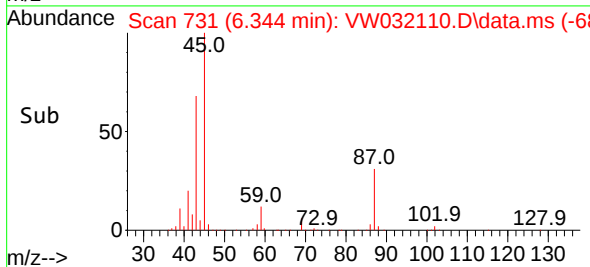
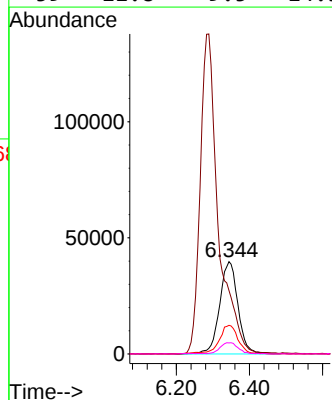
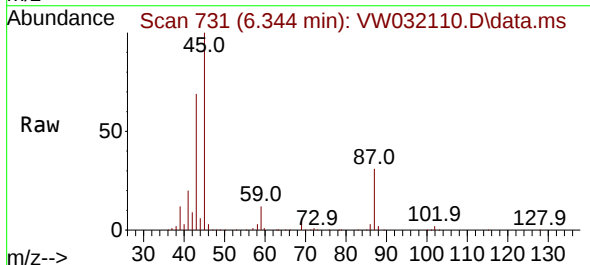
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

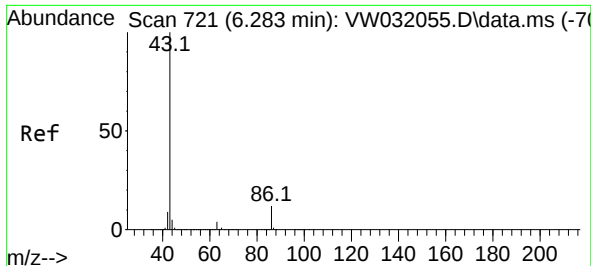
Tgt Ion: 96 Resp: 50701
Ion Ratio Lower Upper
96 100
61 116.7 106.8 160.2
98 61.3 49.6 74.4



#22
Diisopropyl ether
Concen: 17.866 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 45 Resp: 138697
Ion Ratio Lower Upper
45 100
43 68.6 47.0 70.4
87 31.0 23.8 35.8
59 11.8 9.5 14.3

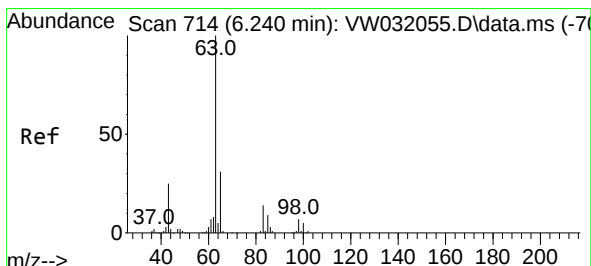
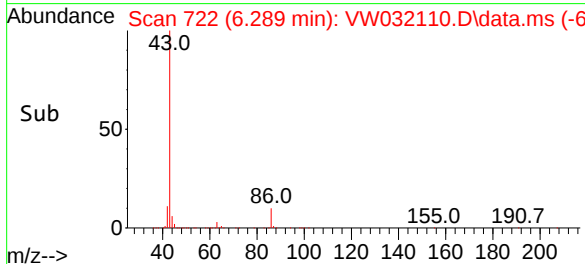
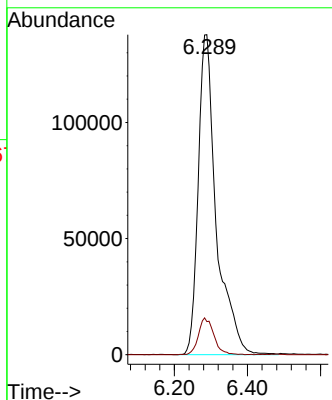
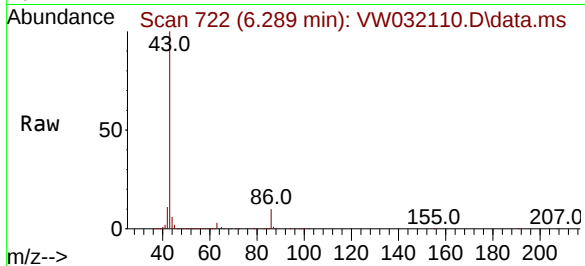




#23
 Vinyl Acetate
 Concen: 93.139 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032110.D
 Acq: 22 Aug 2025 14:44

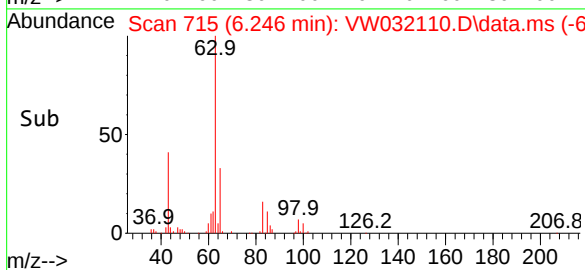
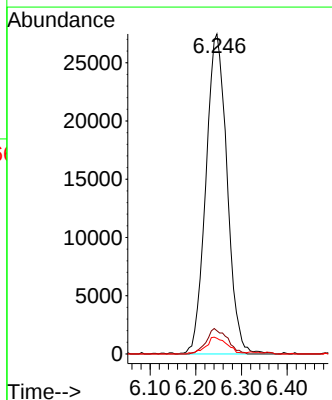
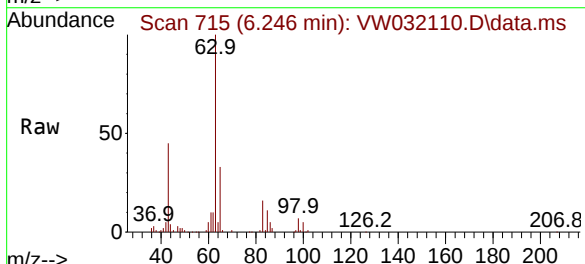
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

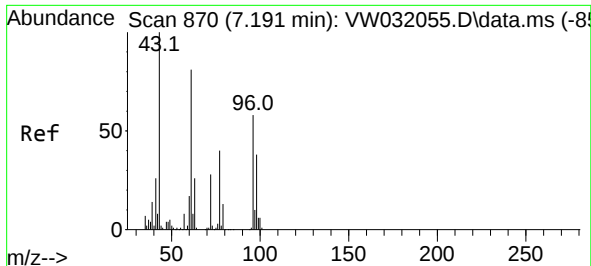
Tgt Ion: 43 Resp: 474733
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 17.830 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032110.D
 Acq: 22 Aug 2025 14:44

Tgt Ion: 63 Resp: 88440
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.9 2.5 7.4

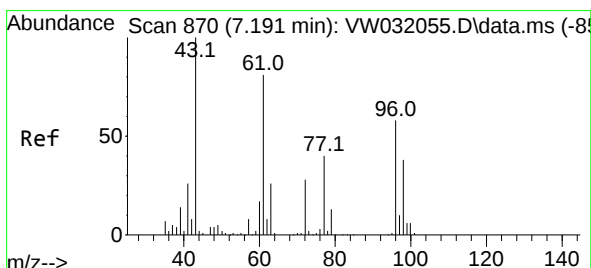
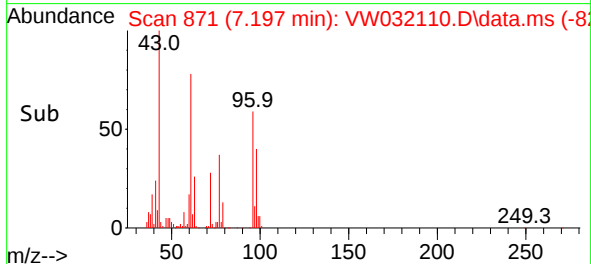
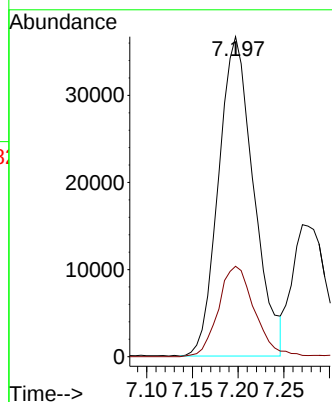
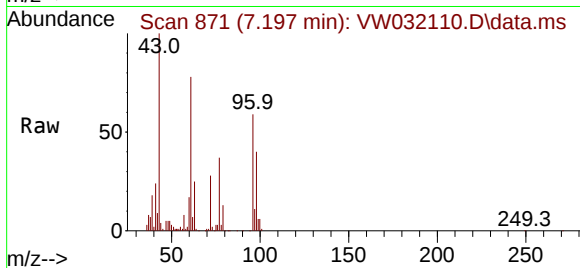




#25
2-Butanone
Concen: 98.519 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

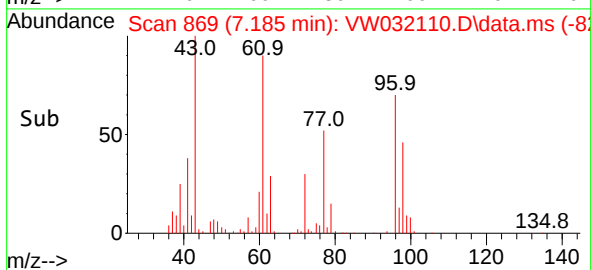
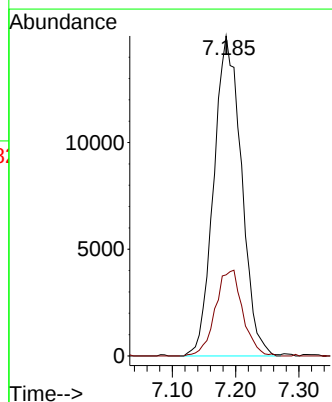
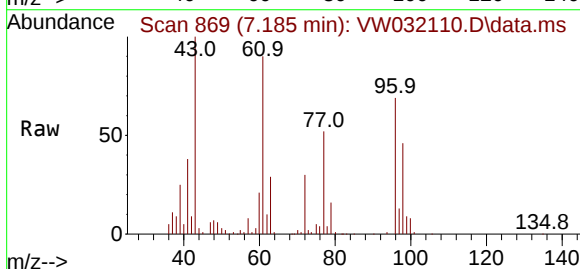
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

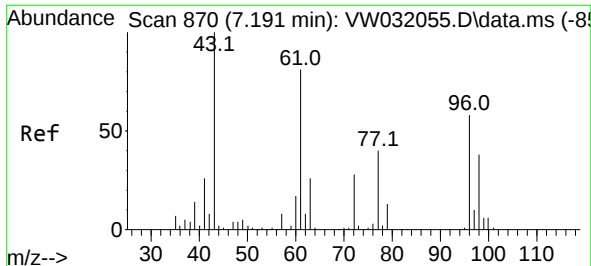
Tgt Ion: 43 Resp: 97822
Ion Ratio Lower Upper
43 100
72 28.3 22.3 33.5



#26
2,2-Dichloropropane
Concen: 18.332 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 77 Resp: 45617
Ion Ratio Lower Upper
77 100
97 26.4 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.267 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

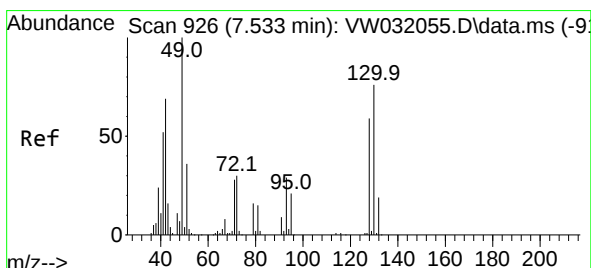
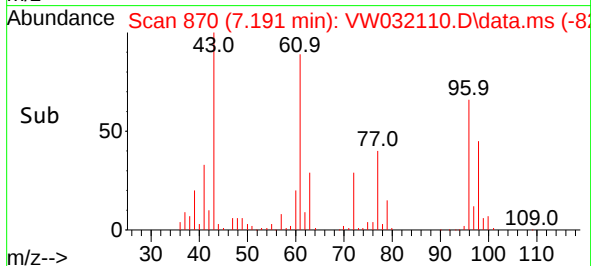
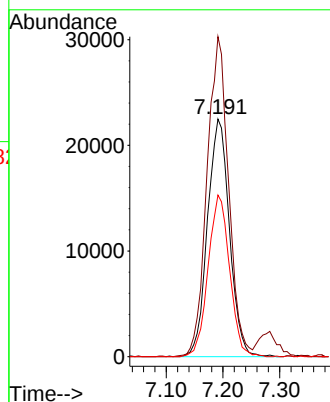
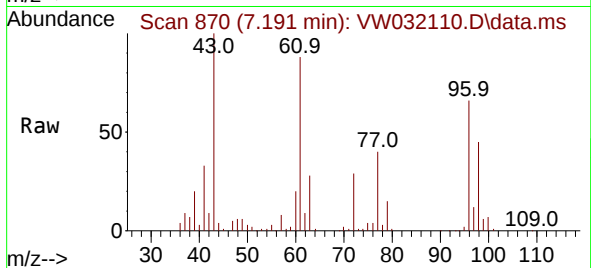
Tgt Ion: 96 Resp: 60474

Ion Ratio Lower Upper

96 100

61 132.6 0.0 281.2

98 66.6 0.0 130.8



#28

Bromochloromethane

Concen: 18.870 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

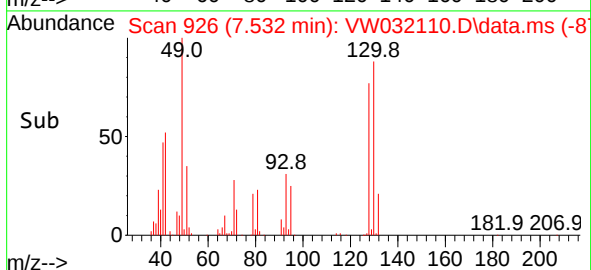
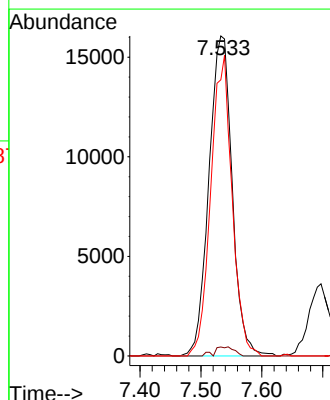
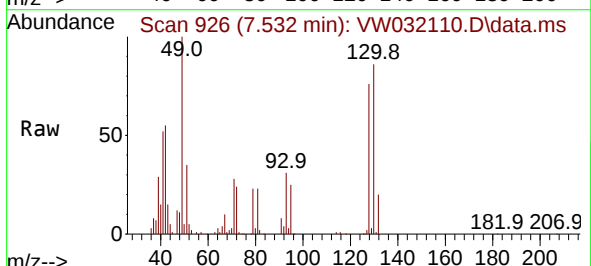
Tgt Ion: 49 Resp: 42593

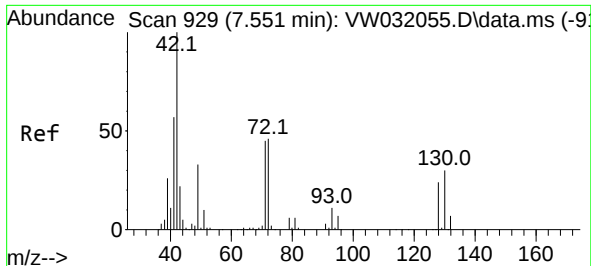
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 85.8 61.9 92.9





#29

Tetrahydrofuran

Concen: 92.398 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

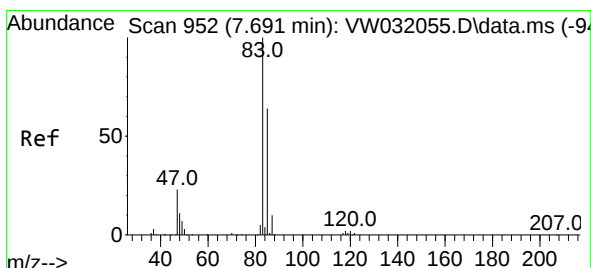
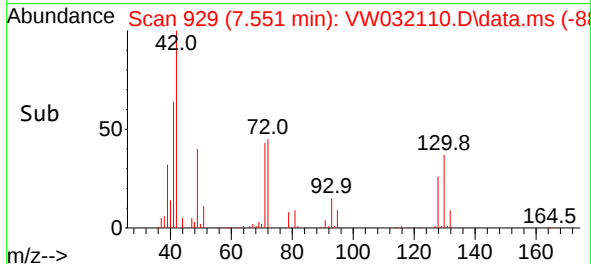
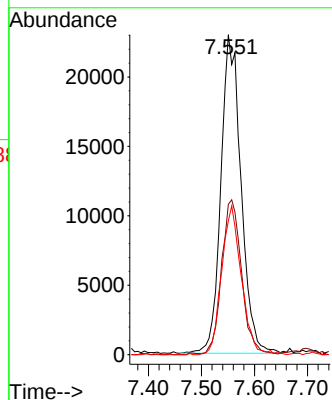
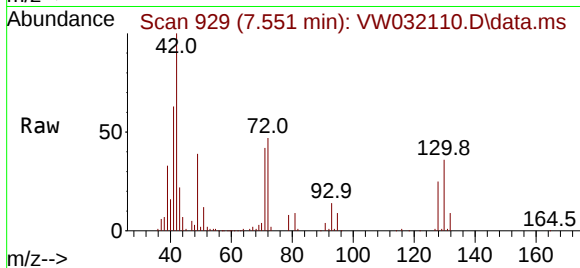
Tgt Ion: 42 Resp: 60504

Ion Ratio Lower Upper

42 100

72 47.6 36.6 55.0

71 45.9 34.7 52.1



#30

Chloroform

Concen: 19.475 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032110.D

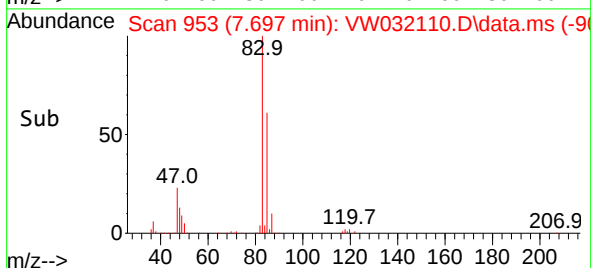
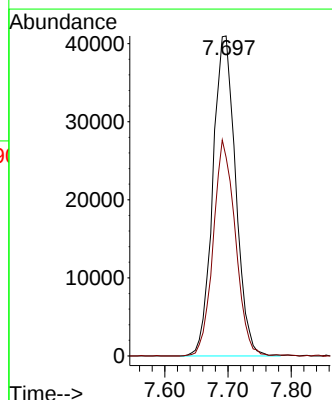
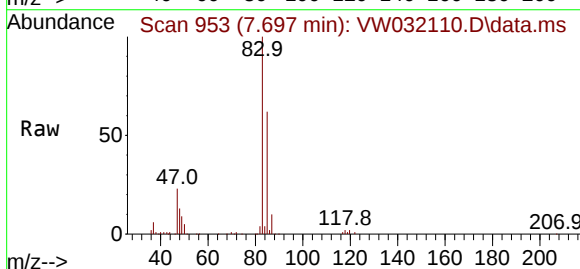
Acq: 22 Aug 2025 14:44

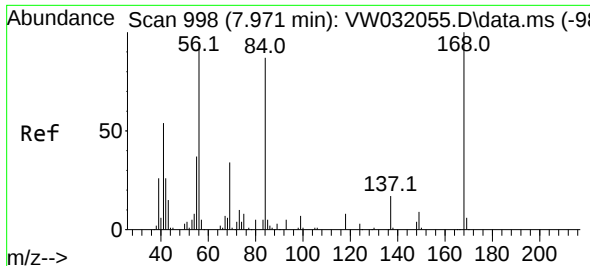
Tgt Ion: 83 Resp: 102408

Ion Ratio Lower Upper

83 100

85 62.1 51.0 76.4

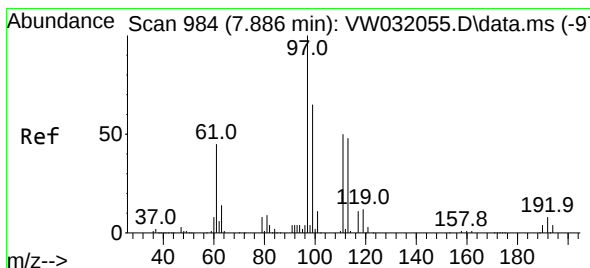
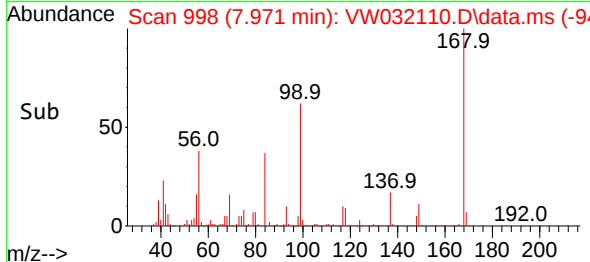
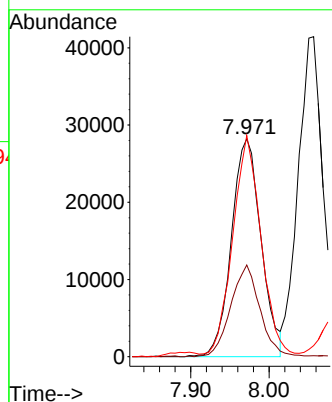
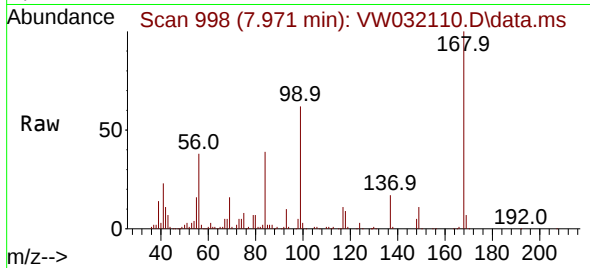




#31
Cyclohexane
Concen: 17.214 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

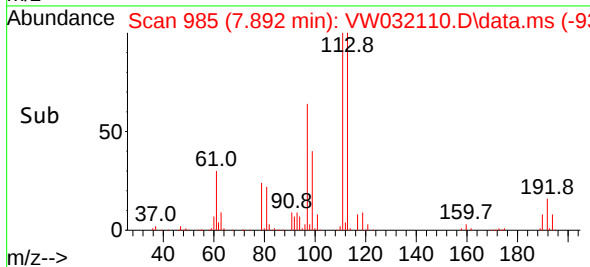
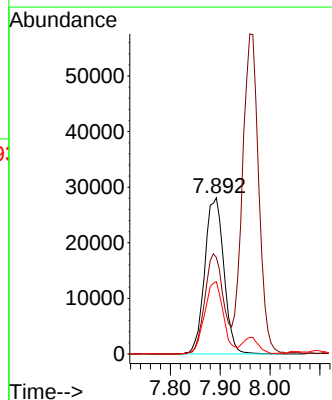
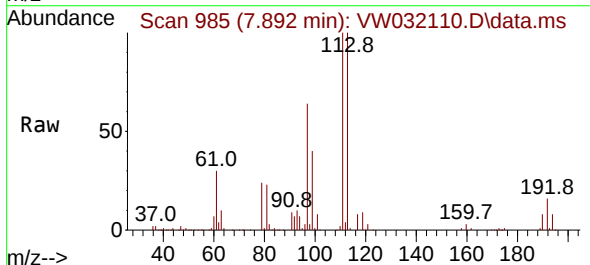
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

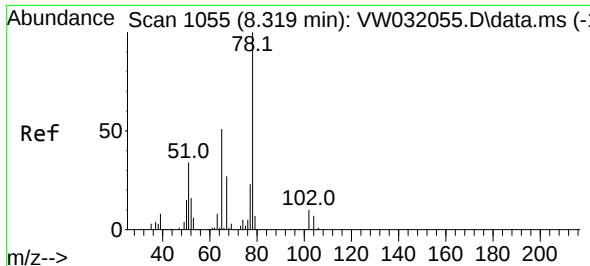
Tgt Ion: 56 Resp: 74023
Ion Ratio Lower Upper
56 100
69 42.1 28.6 42.8
84 99.4 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 19.607 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 97 Resp: 74890
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.8
61 45.8 35.9 53.9

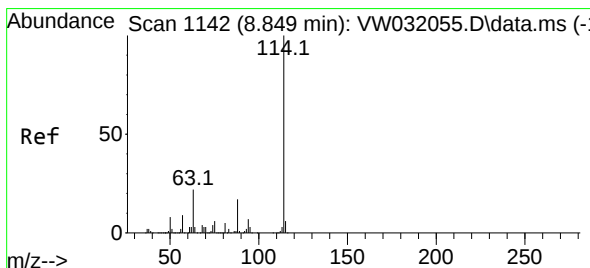
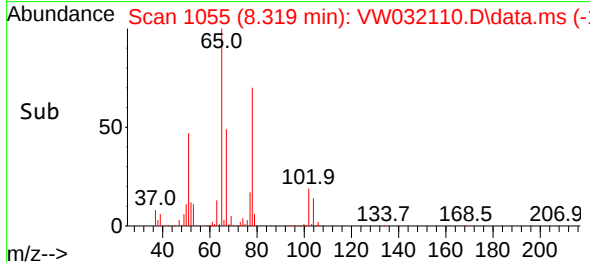
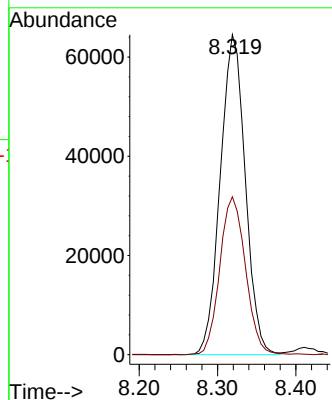
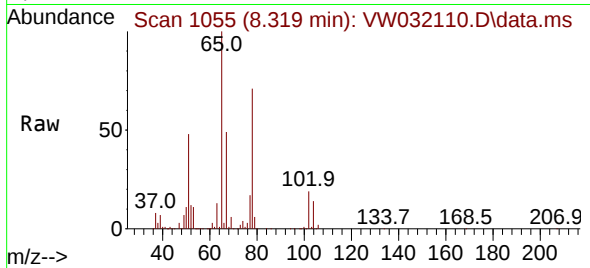




#33
 1,2-Dichloroethane-d4
 Concen: 47.512 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032110.D
 Acq: 22 Aug 2025 14:44

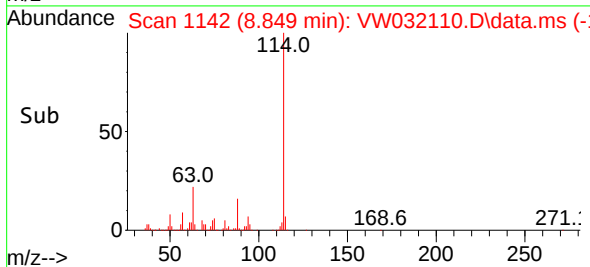
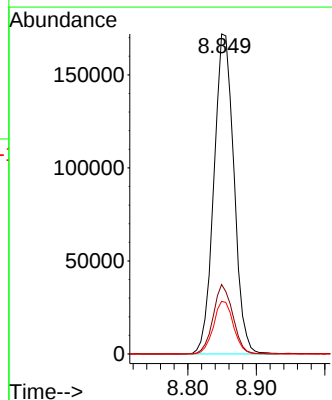
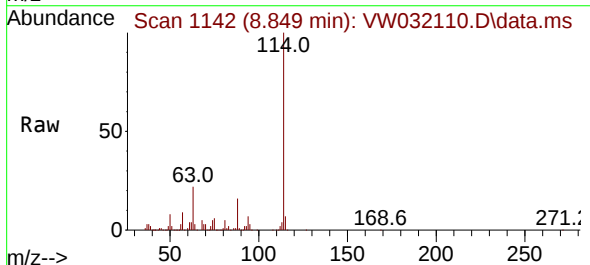
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

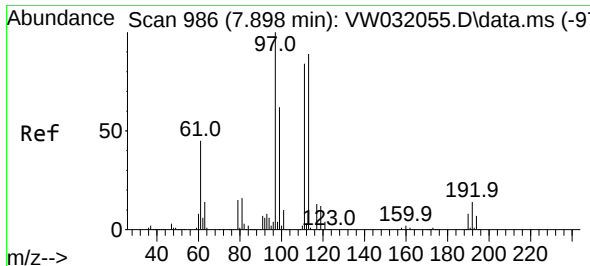
Tgt Ion: 65 Resp: 143367
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032110.D
 Acq: 22 Aug 2025 14:44

Tgt Ion: 114 Resp: 348689
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 16.4 0.0 33.8

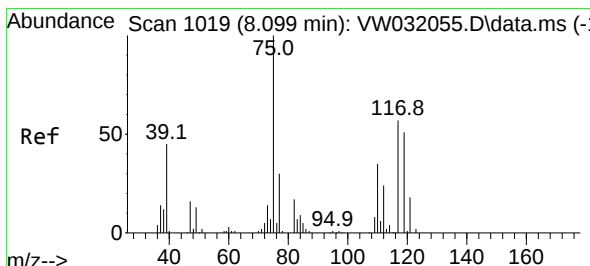
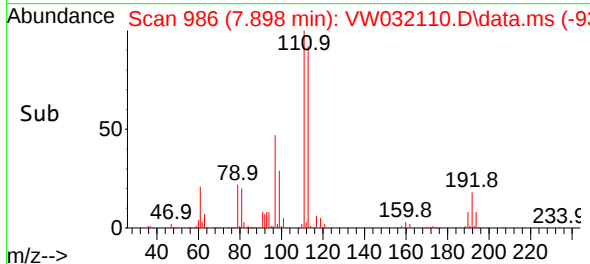
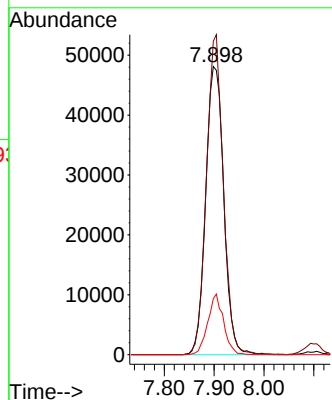
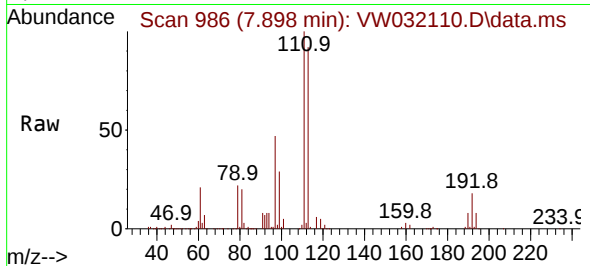




#35
Dibromofluoromethane
Concen: 53.826 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

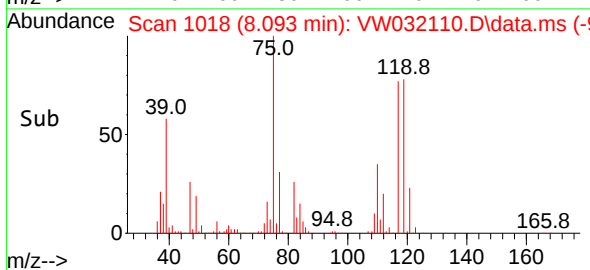
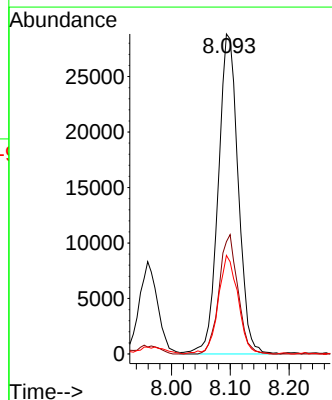
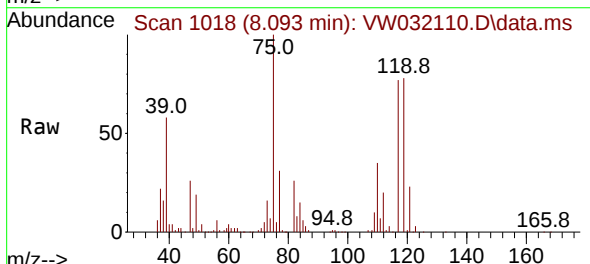
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

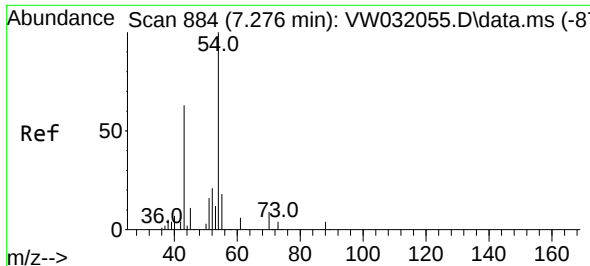
Tgt Ion:113 Resp: 121253
Ion Ratio Lower Upper
113 100
111 103.6 80.1 120.1
192 18.3 13.1 19.7



#36
1,1-Dichloropropene
Concen: 21.437 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 75 Resp: 68076
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.2
77 30.5 24.7 37.1

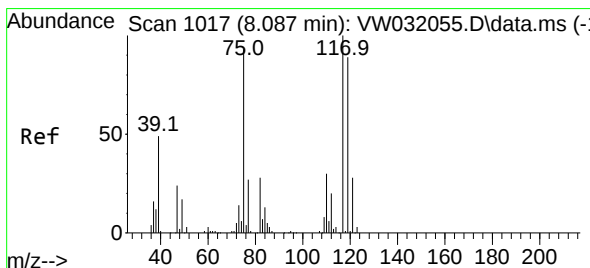
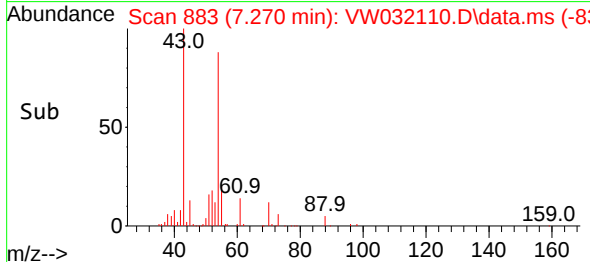
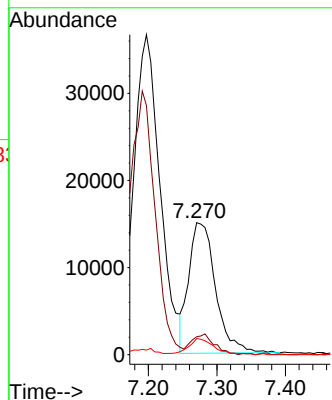
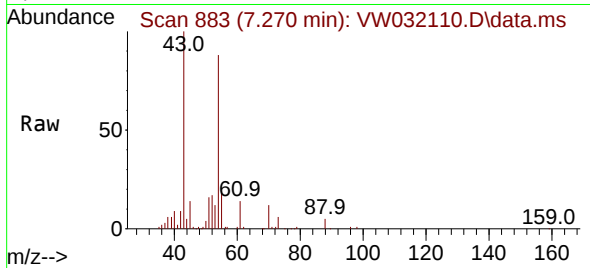




#37
Ethyl Acetate
Concen: 21.733 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

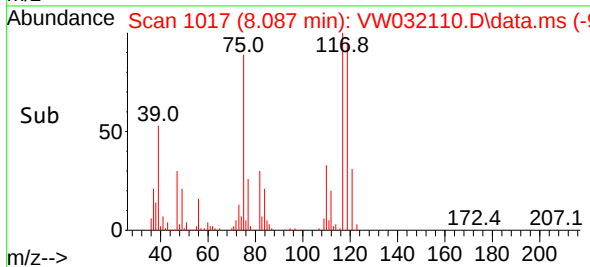
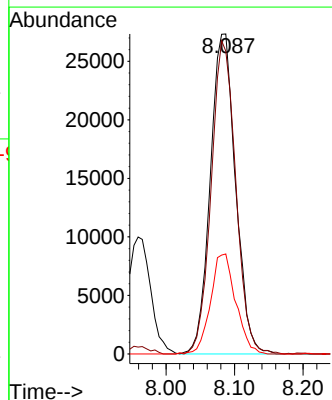
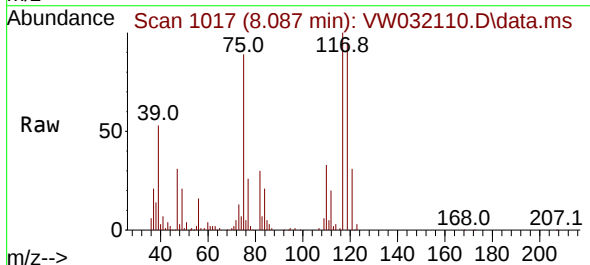
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

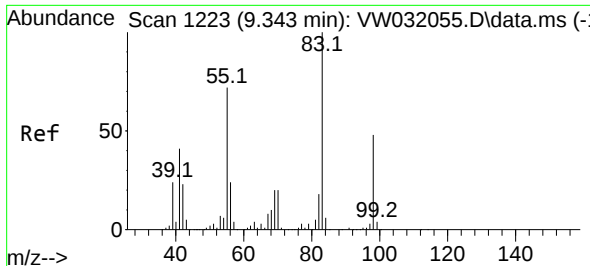
Tgt Ion: 43 Resp: 40648
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 11.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 22.825 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 117 Resp: 69951
Ion Ratio Lower Upper
117 100
119 94.5 71.4 107.2
121 31.2 22.3 33.5





#39

Methylcyclohexane

Concen: 20.337 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

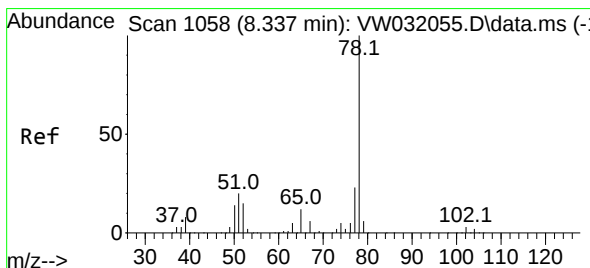
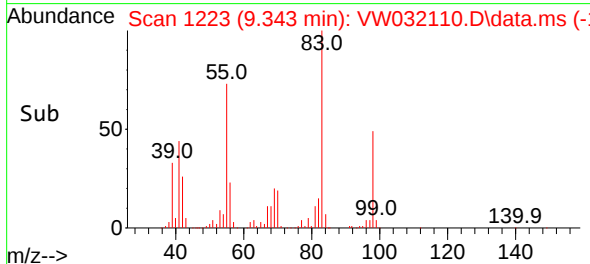
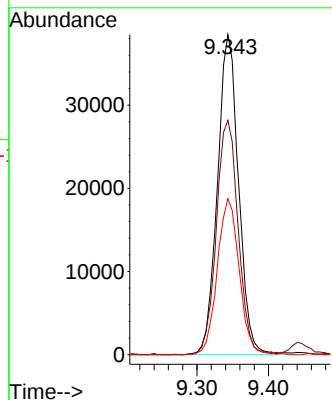
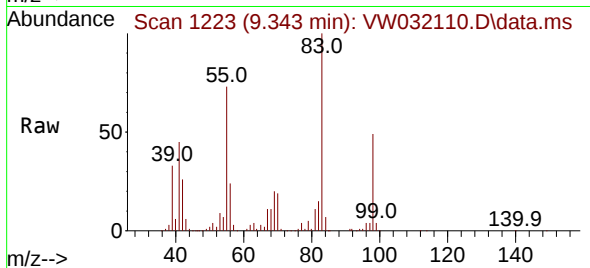
Tgt Ion: 83 Resp: 78718

Ion Ratio Lower Upper

83 100

55 73.2 57.9 86.9

98 48.8 38.3 57.5



#40

Benzene

Concen: 20.998 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032110.D

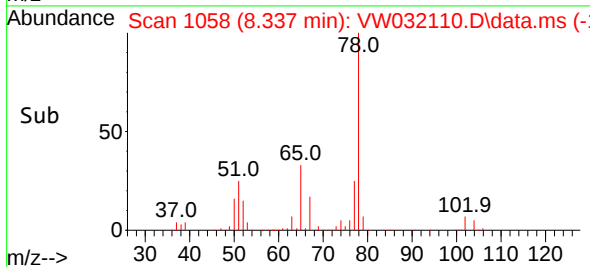
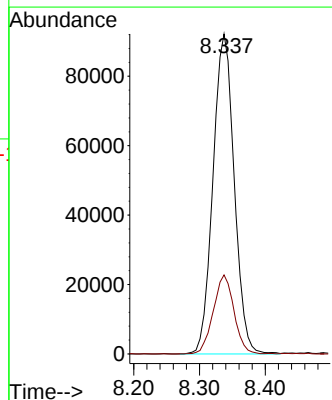
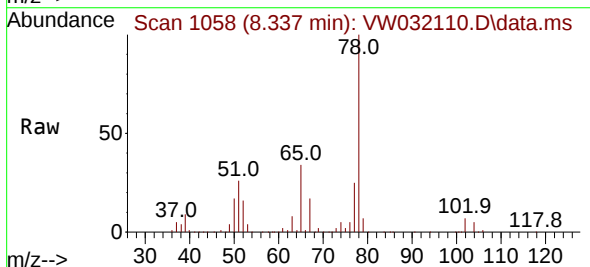
Acq: 22 Aug 2025 14:44

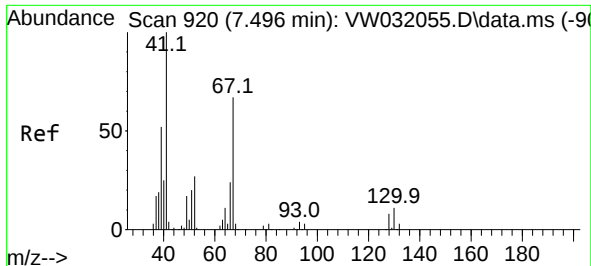
Tgt Ion: 78 Resp: 207275

Ion Ratio Lower Upper

78 100

77 24.6 18.4 27.6

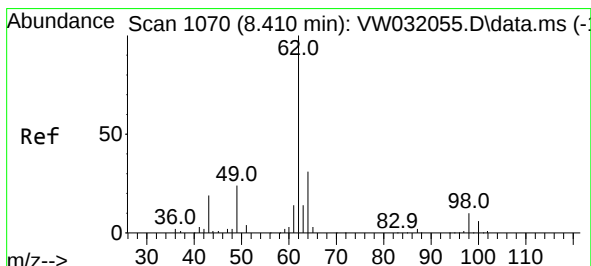
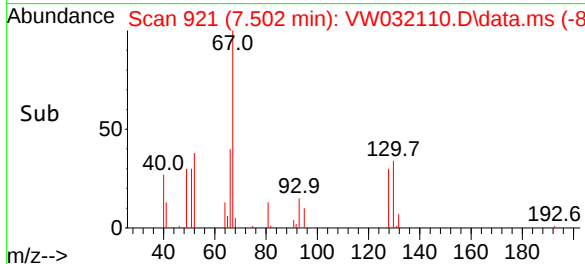
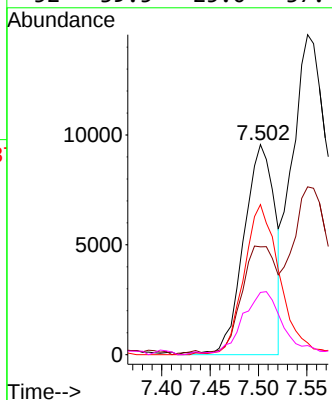
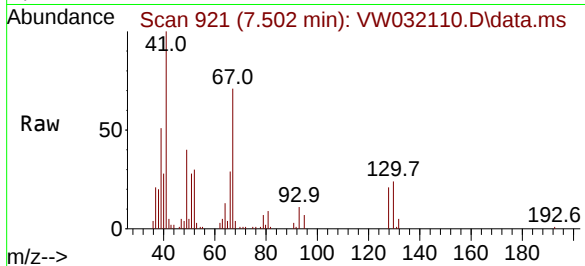




#41
Methacrylonitrile
Concen: 20.135 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

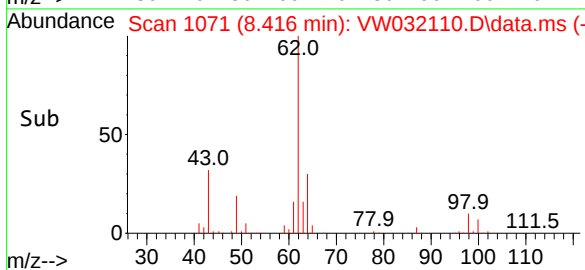
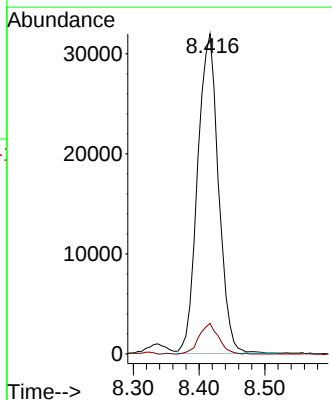
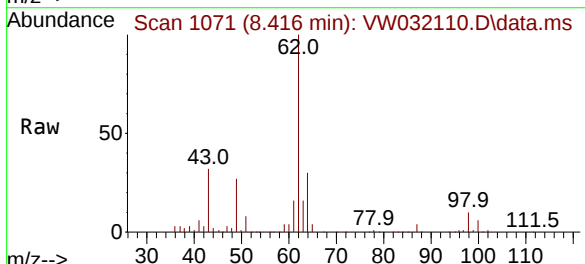
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

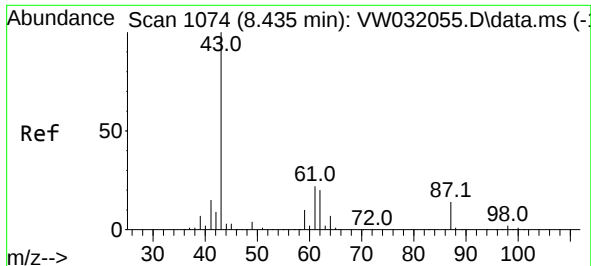
Tgt Ion:	41	Resp:	21356
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.6	63.8
67	83.7	61.0	91.4
52	39.5	25.0	37.4



#42
1,2-Dichloroethane
Concen: 22.303 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion:	62	Resp:	70448
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

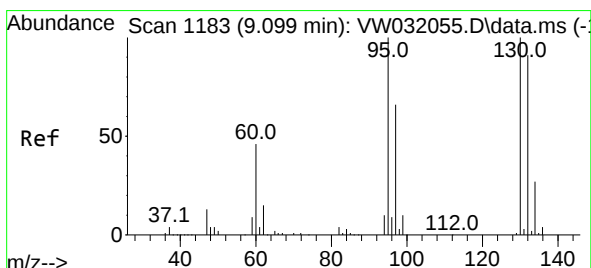
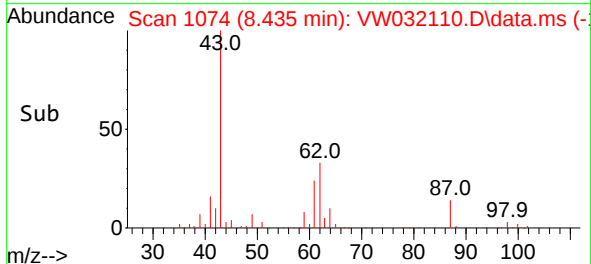
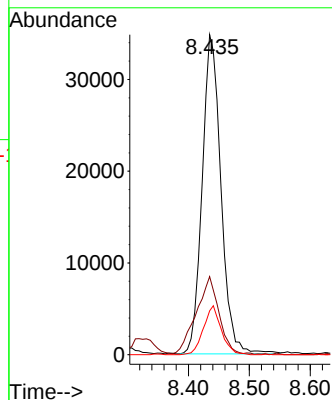
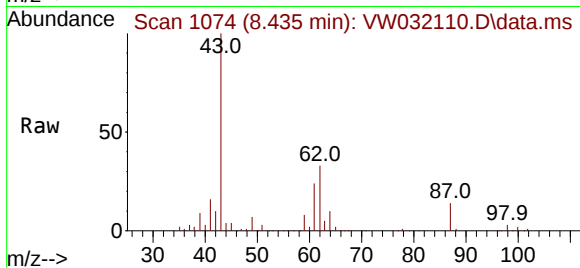




#43
Isopropyl Acetate
Concen: 21.704 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

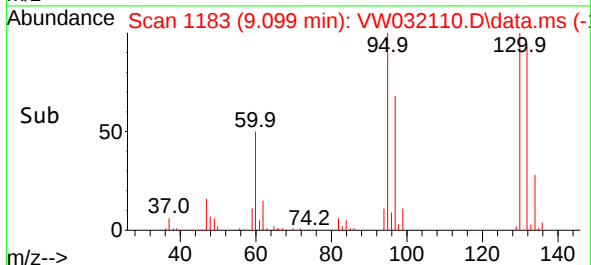
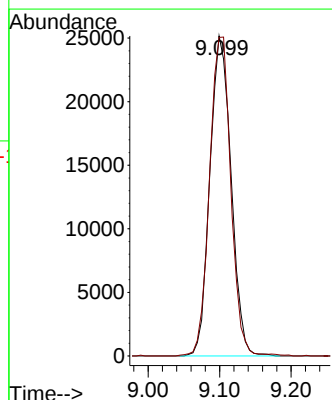
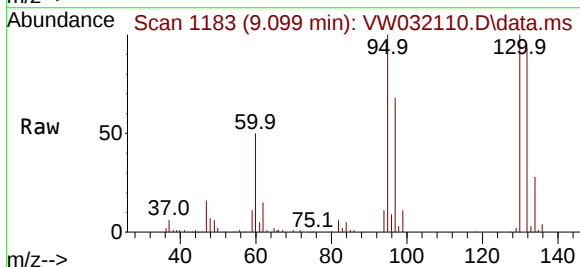
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

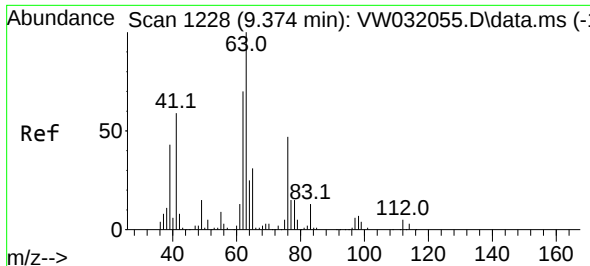
Tgt Ion: 43 Resp: 74687
Ion Ratio Lower Upper
43 100
61 29.3 23.8 35.8
87 14.5 11.7 17.5



#44
Trichloroethene
Concen: 22.061 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion:130 Resp: 51860
Ion Ratio Lower Upper
130 100
95 99.3 0.0 200.6

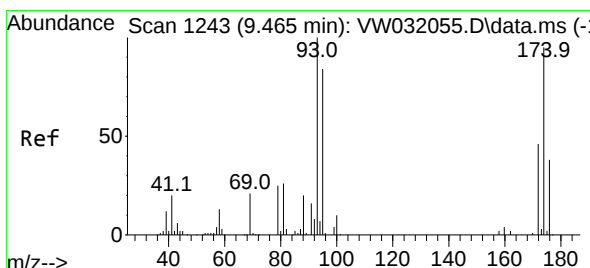
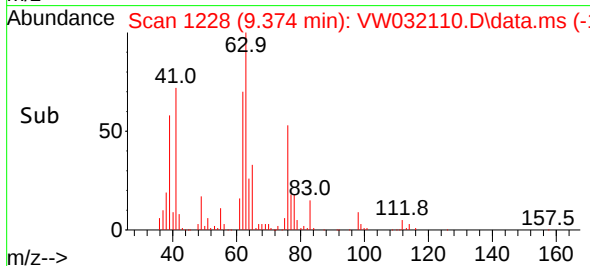
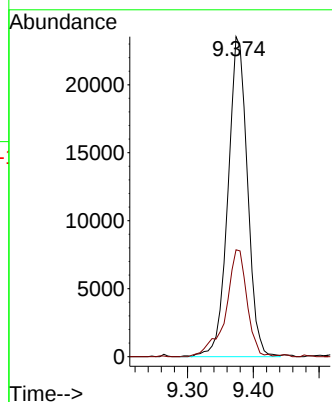
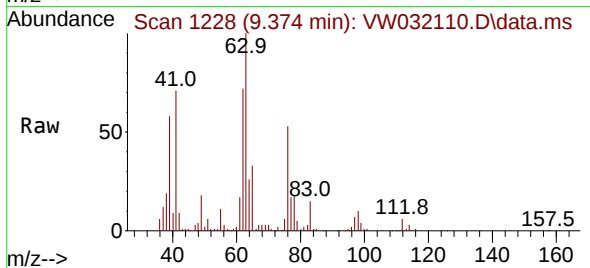




#45
1,2-Dichloropropane
Concen: 20.331 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

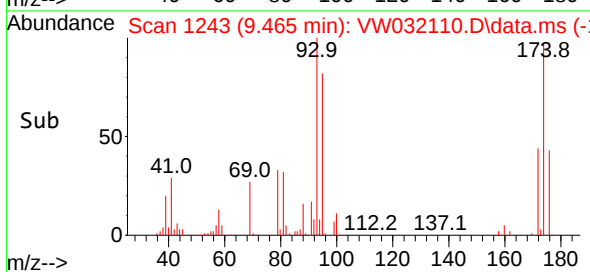
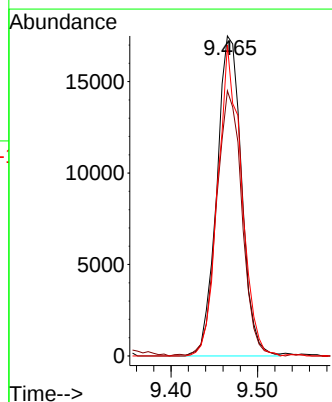
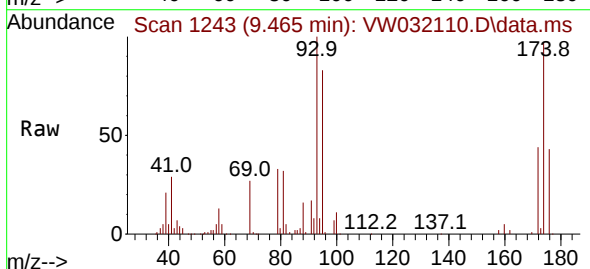
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

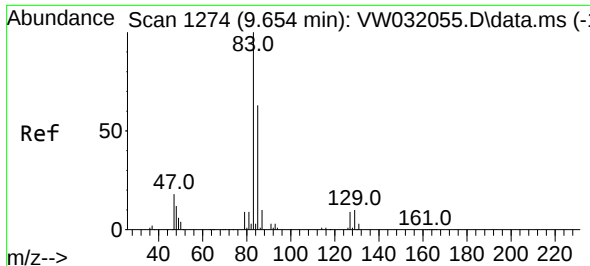
Tgt Ion: 63 Resp: 48485
Ion Ratio Lower Upper
63 100
65 33.4 24.6 36.8



#46
Dibromomethane
Concen: 22.658 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 93 Resp: 34874
Ion Ratio Lower Upper
93 100
95 85.0 65.3 97.9
174 92.1 68.6 102.8

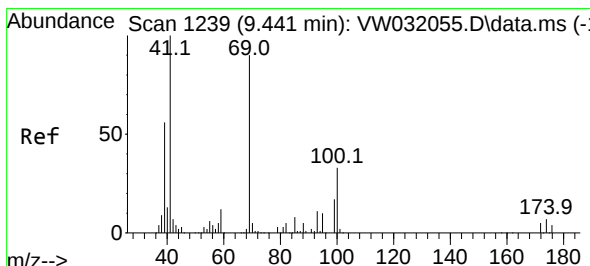
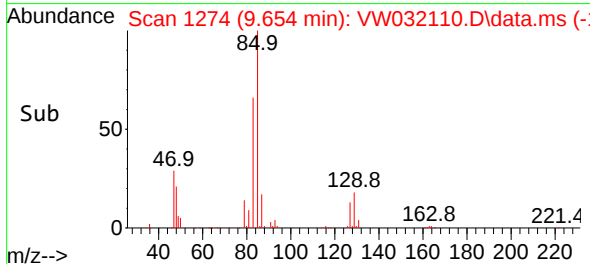
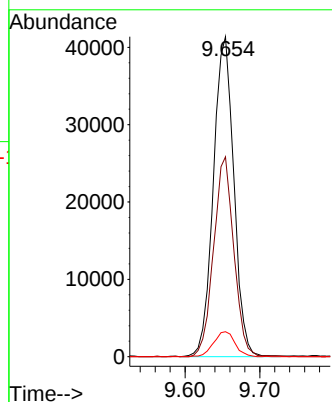
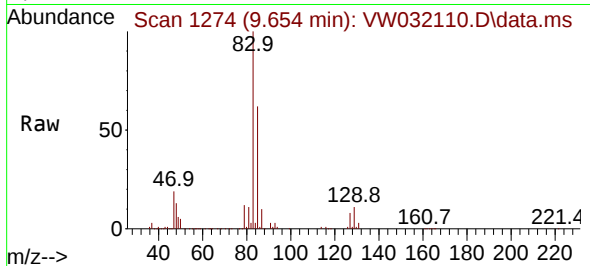




#47
Bromodichloromethane
Concen: 22.159 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

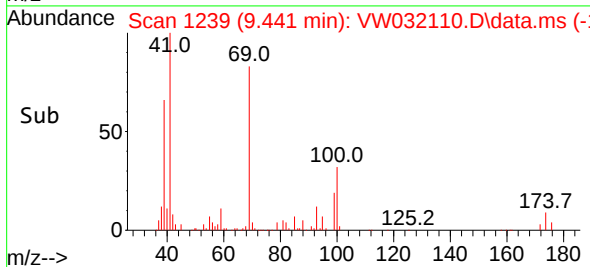
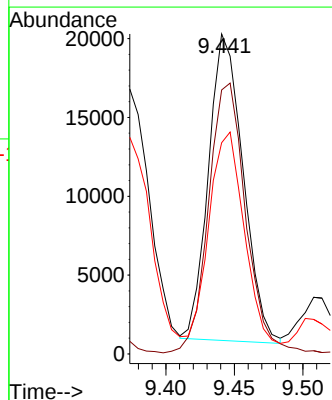
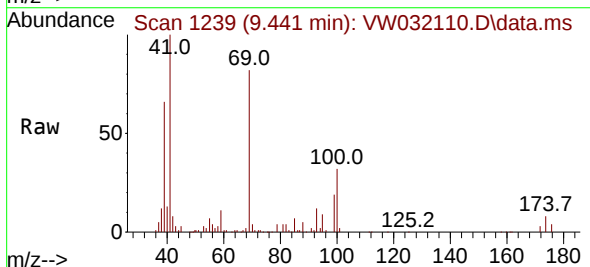
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

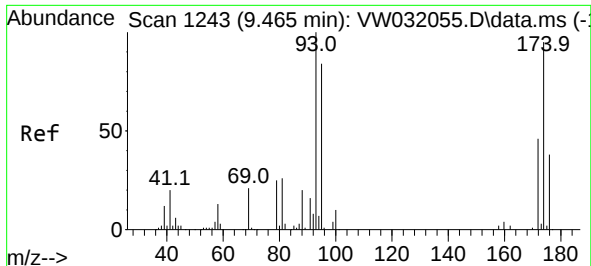
Tgt Ion: 83 Resp: 78589
Ion Ratio Lower Upper
83 100
85 62.5 50.6 75.8
127 7.8 6.9 10.3



#48
Methyl methacrylate
Concen: 20.508 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 41 Resp: 34069
Ion Ratio Lower Upper
41 100
69 96.8 73.0 109.6
39 69.2 45.0 67.4





#49

1,4-Dioxane

Concen: 415.216 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

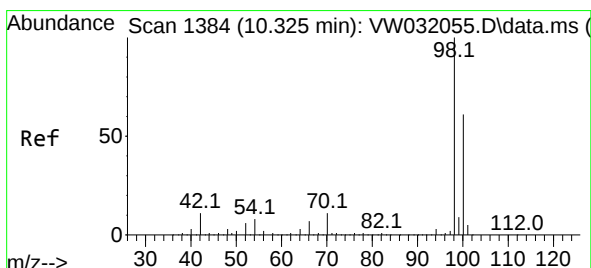
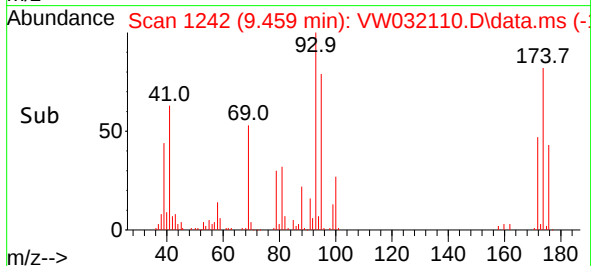
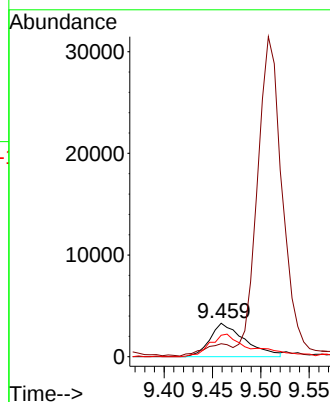
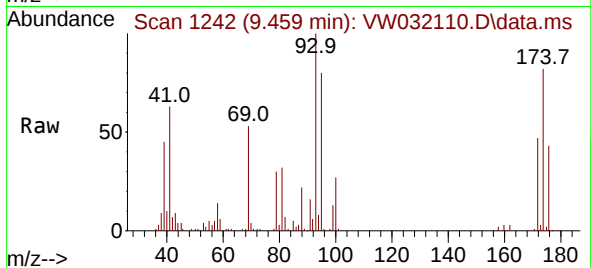
Tgt Ion: 88 Resp: 8263

Ion Ratio Lower Upper

88 100

43 29.9 20.6 30.8

58 81.1 60.4 90.6



#50

Toluene-d8

Concen: 52.038 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032110.D

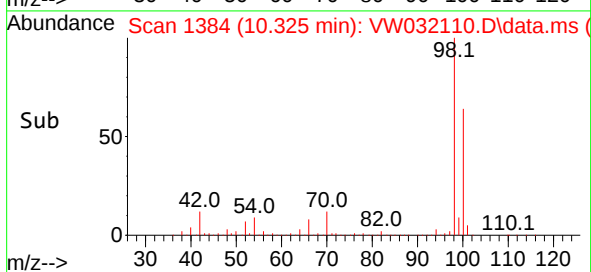
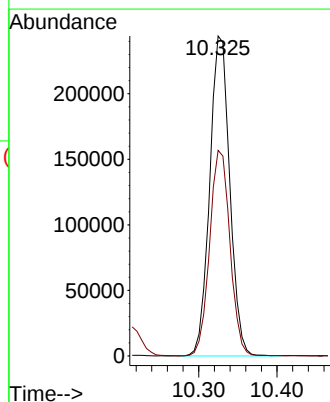
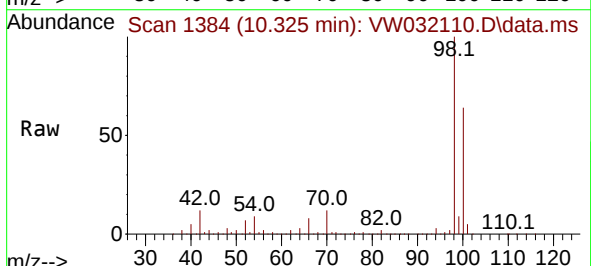
Acq: 22 Aug 2025 14:44

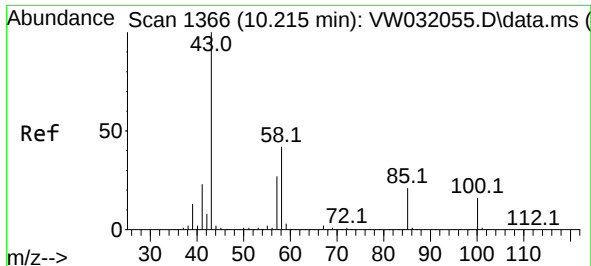
Tgt Ion: 98 Resp: 433575

Ion Ratio Lower Upper

98 100

100 65.1 51.1 76.7

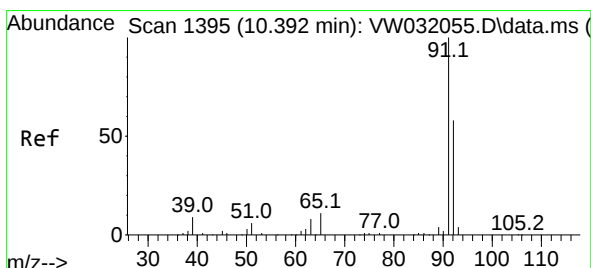
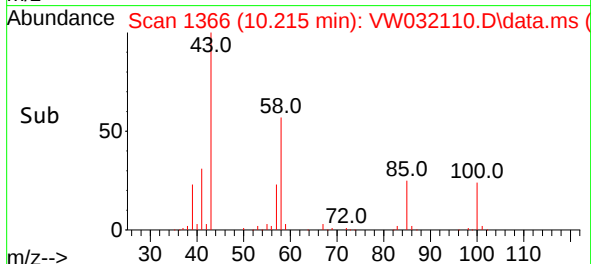
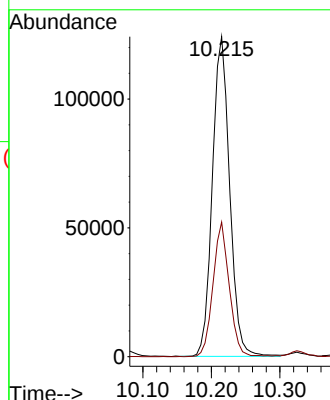
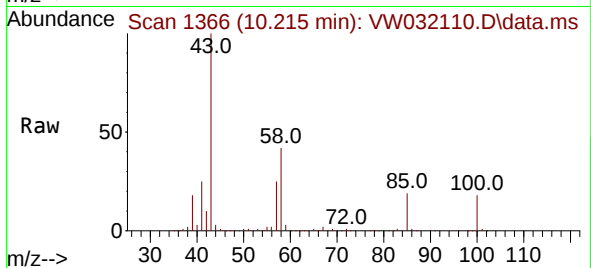




#51
4-Methyl-2-Pentanone
Concen: 112.250 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

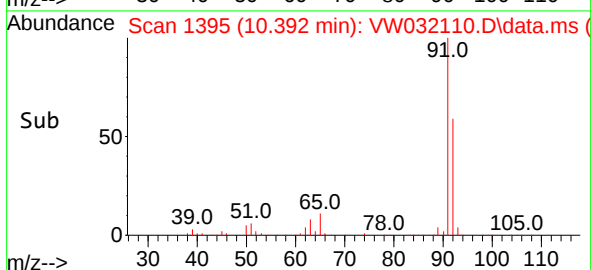
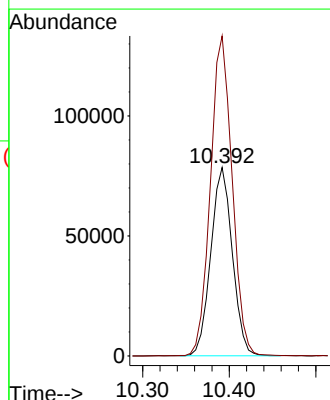
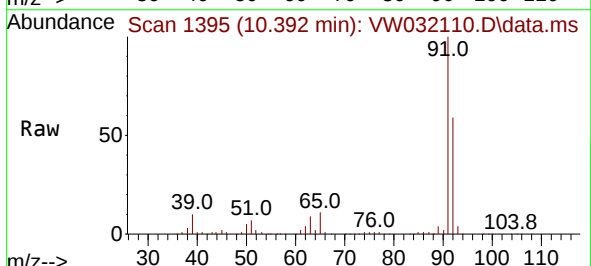
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

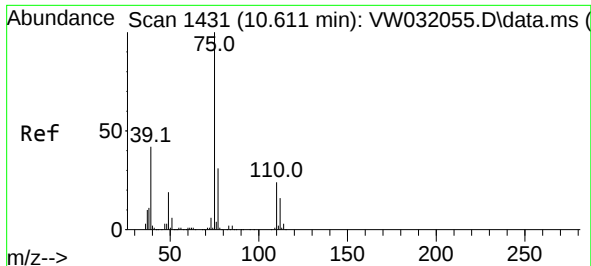
Tgt Ion: 43 Resp: 218018
Ion Ratio Lower Upper
43 100
58 39.6 33.1 49.7



#52
Toluene
Concen: 21.775 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 92 Resp: 135391
Ion Ratio Lower Upper
92 100
91 172.0 136.3 204.5

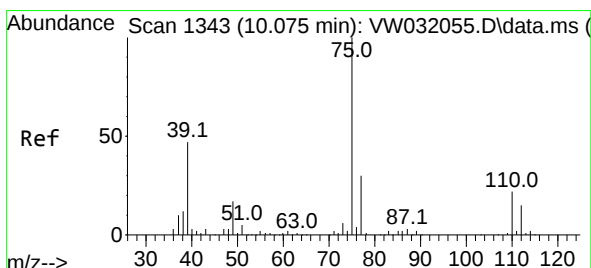
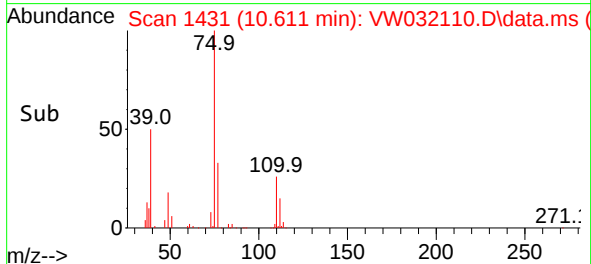
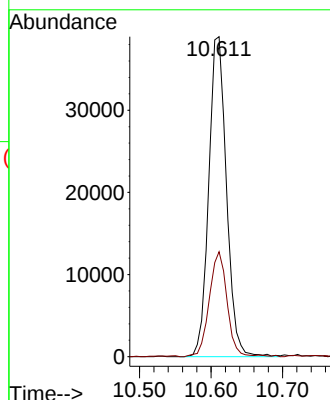
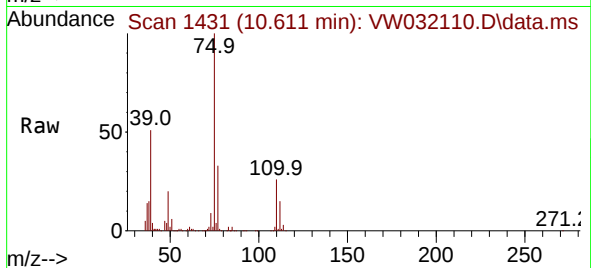




#53
t-1,3-Dichloropropene
Concen: 20.212 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

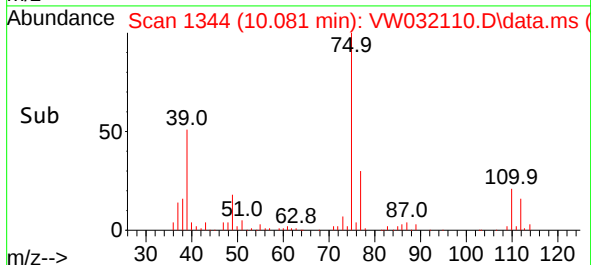
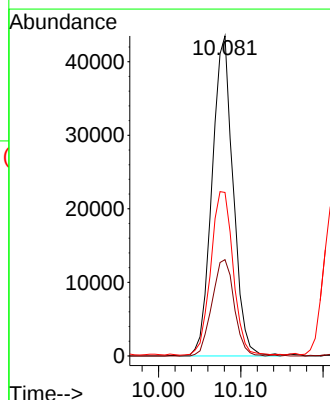
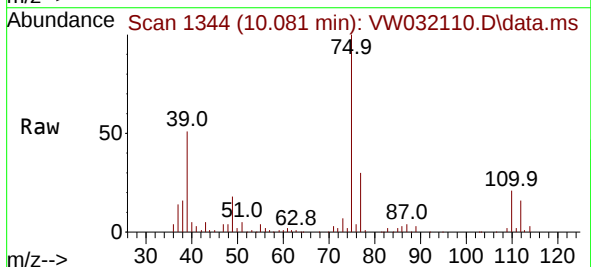
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

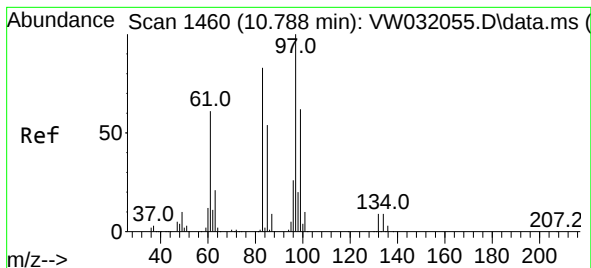
Tgt Ion: 75 Resp: 67158
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.501 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 75 Resp: 77280
Ion Ratio Lower Upper
75 100
77 30.1 24.0 36.0
39 50.9 37.8 56.8

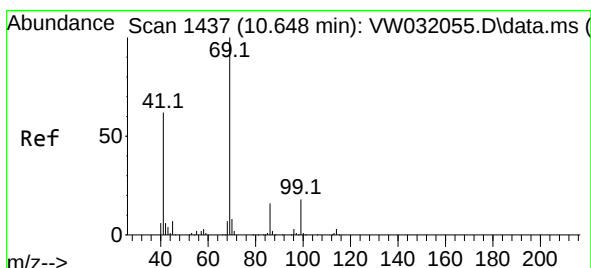
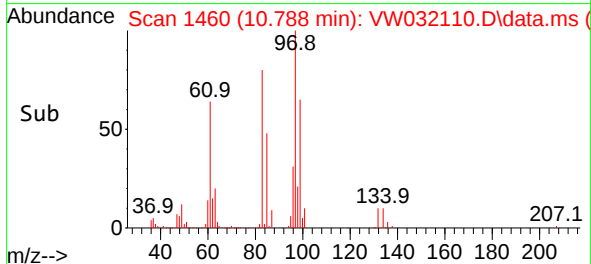
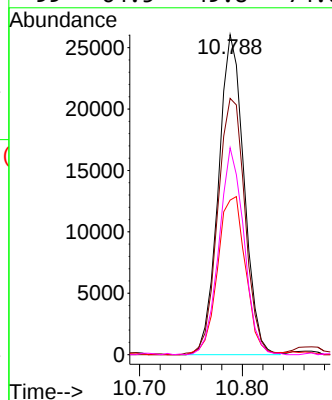
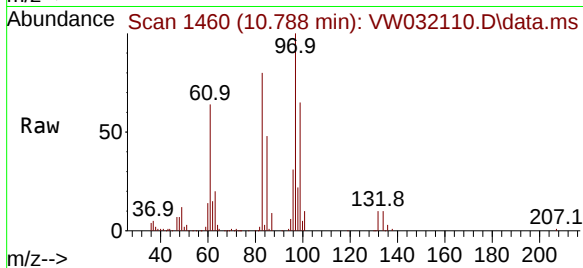




#55
1,1,2-Trichloroethane
Concen: 21.981 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

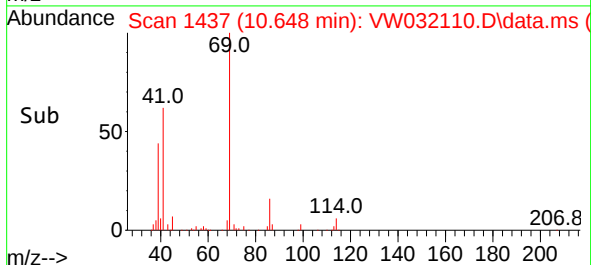
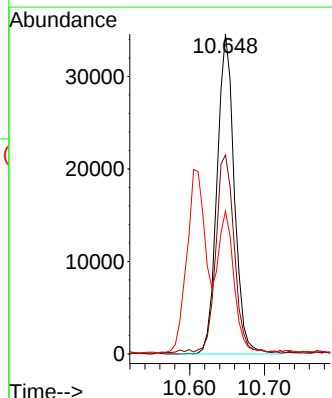
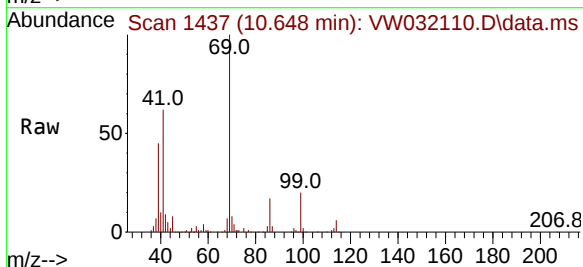
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

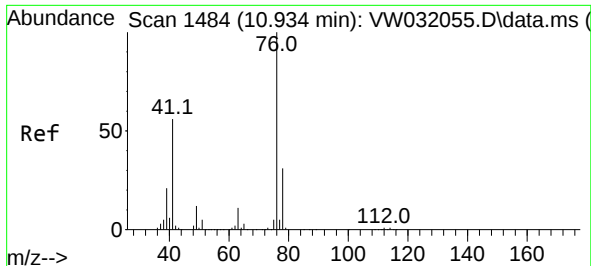
Tgt Ion:	97	Resp:	44957
Ion	Ratio	Lower	Upper
97	100		
83	80.1	66.4	99.6
85	48.3	43.1	64.7
99	64.5	49.8	74.6



#56
Ethyl methacrylate
Concen: 20.306 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion:	69	Resp:	55577
Ion	Ratio	Lower	Upper
69	100		
41	66.8	51.2	76.8
39	41.3	25.4	38.0





#57

1,3-Dichloropropane

Concen: 21.314 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

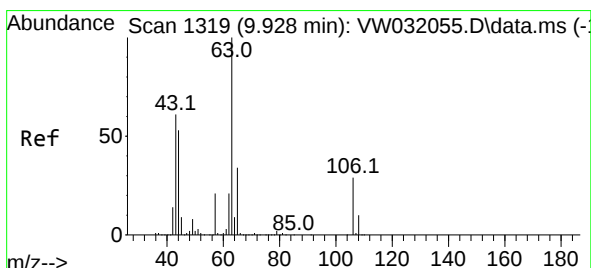
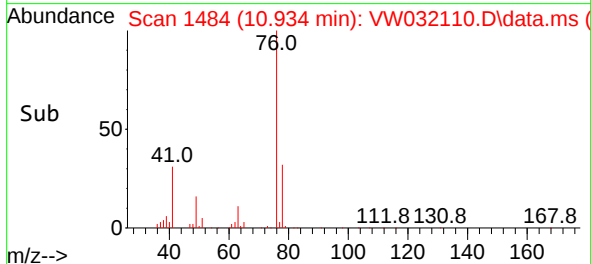
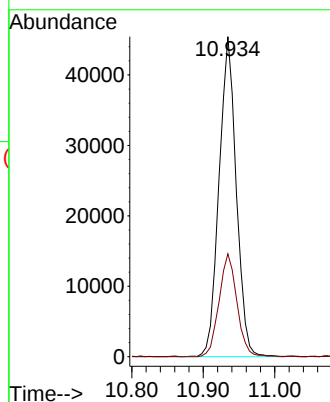
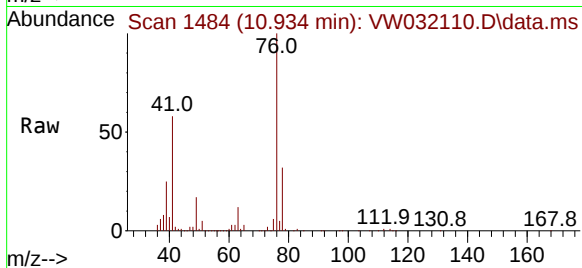
VW0822SBS01

Tgt Ion: 76 Resp: 75986

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.912 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032110.D

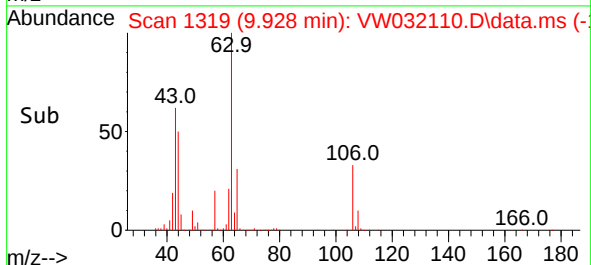
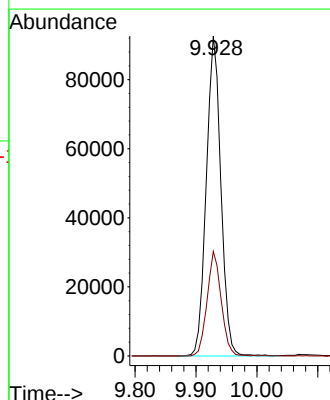
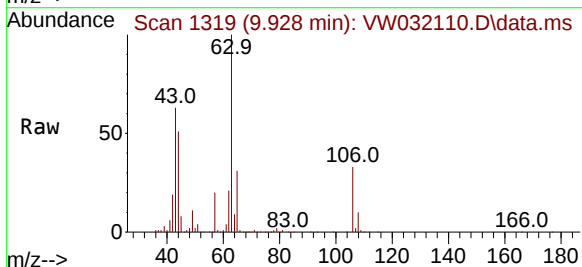
Acq: 22 Aug 2025 14:44

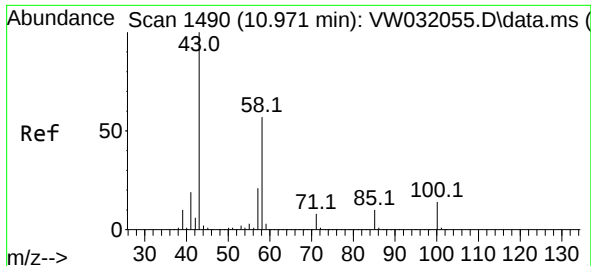
Tgt Ion: 63 Resp: 154282

Ion Ratio Lower Upper

63 100

106 31.6 23.5 35.3

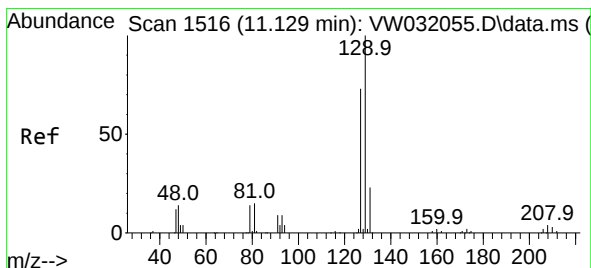
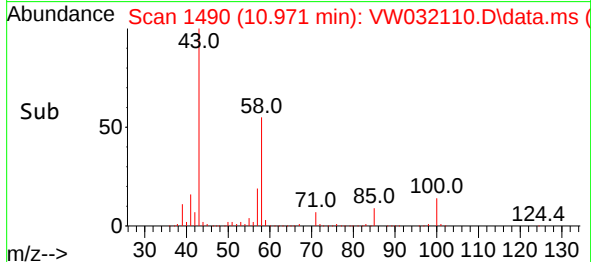
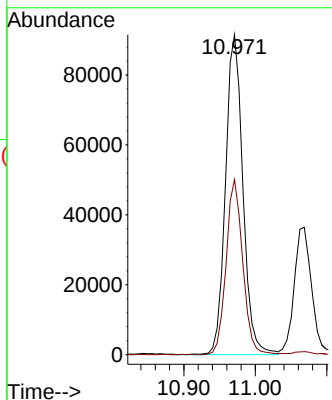
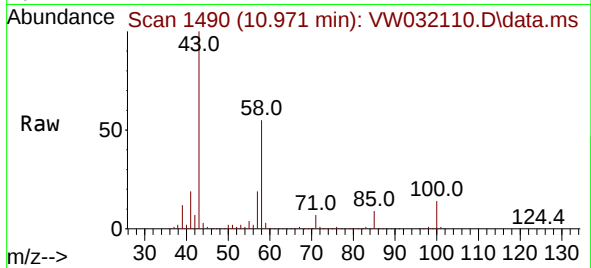




#59
2-Hexanone
Concen: 114.987 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

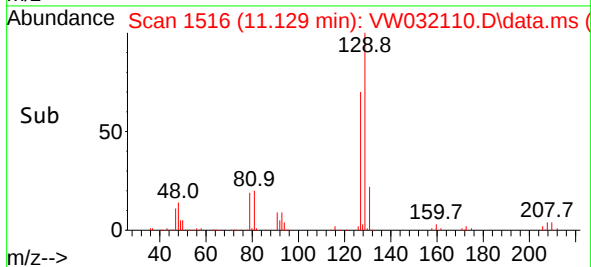
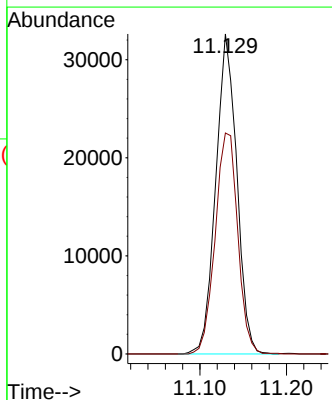
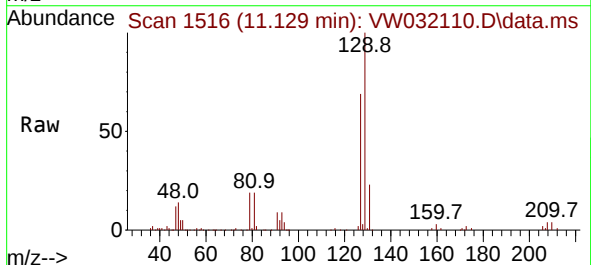
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

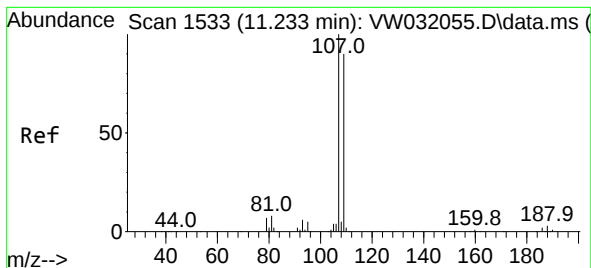
Tgt Ion: 43 Resp: 154674
Ion Ratio Lower Upper
43 100
58 52.3 28.3 85.0



#60
Dibromochloromethane
Concen: 23.523 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion:129 Resp: 54957
Ion Ratio Lower Upper
129 100
127 74.1 39.0 116.9

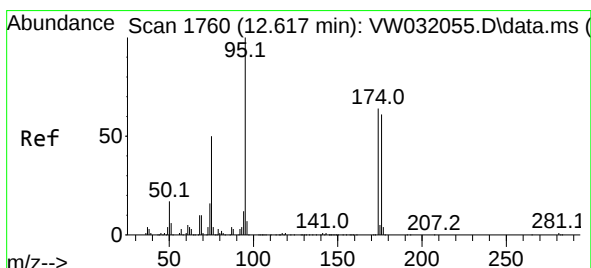
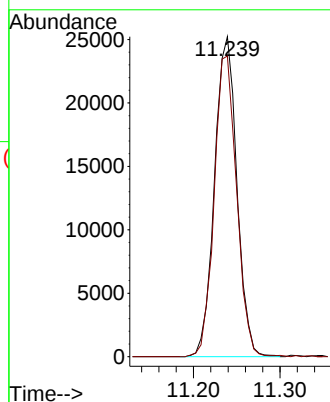
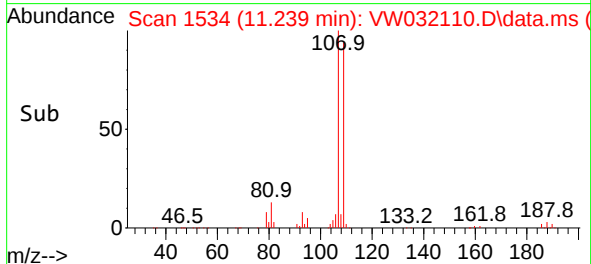
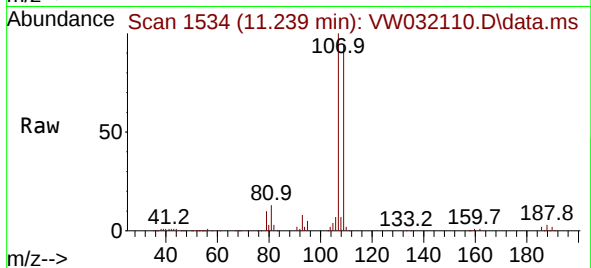




#61
1,2-Dibromoethane
Concen: 22.774 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

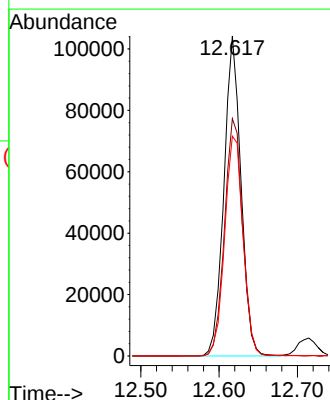
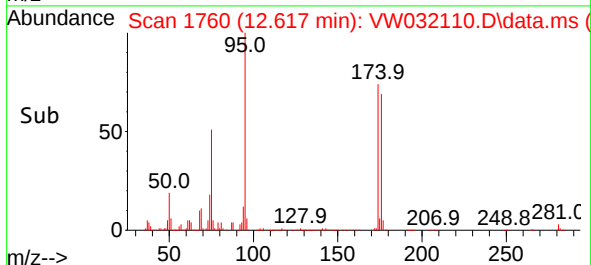
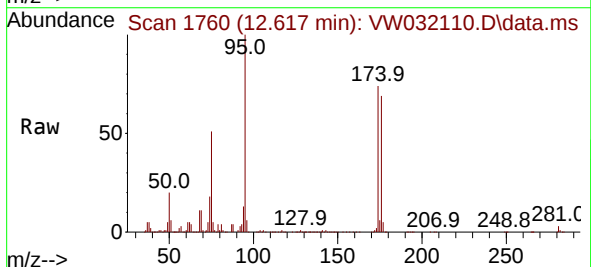
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

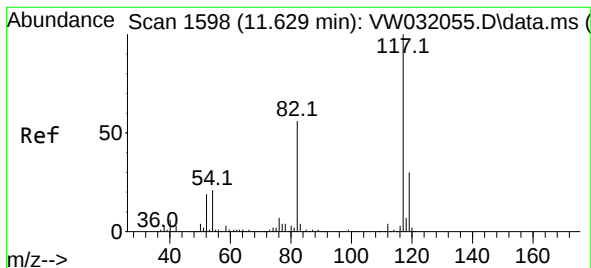
Tgt Ion:107 Resp: 45265
Ion Ratio Lower Upper
107 100
109 94.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.494 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 95 Resp: 158110
Ion Ratio Lower Upper
95 100
174 78.7 0.0 129.0
176 73.9 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: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

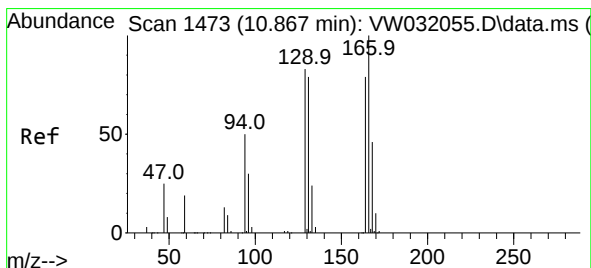
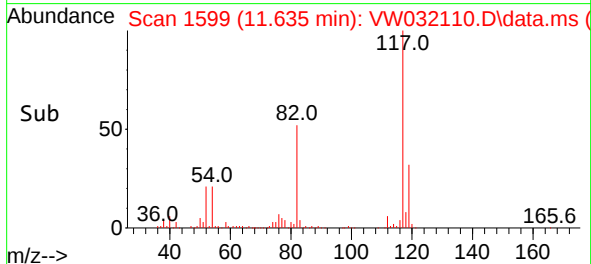
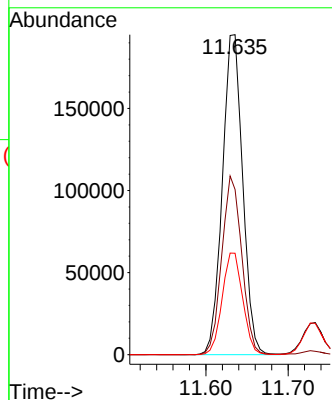
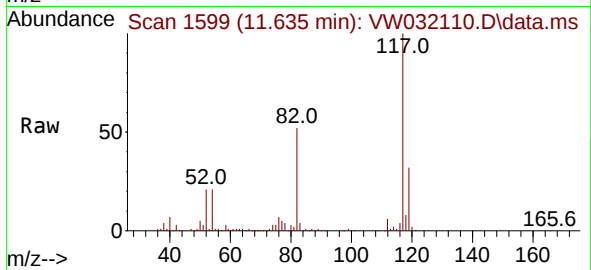
Tgt Ion:117 Resp: 334530

Ion Ratio Lower Upper

117 100

82 51.6 45.0 67.4

119 31.7 24.2 36.4



#64

Tetrachloroethene

Concen: 23.286 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Tgt Ion:164 Resp: 44995

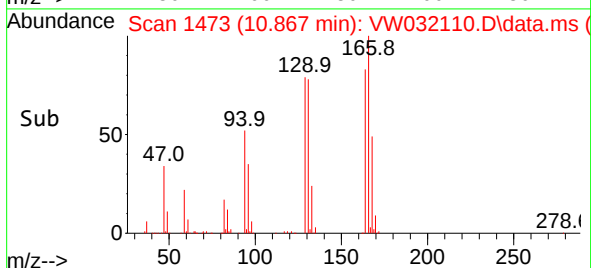
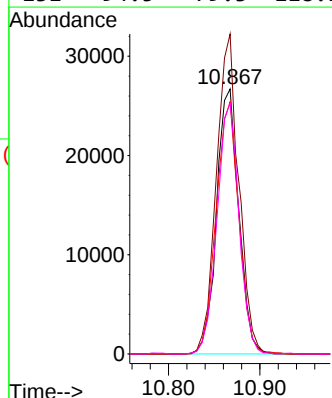
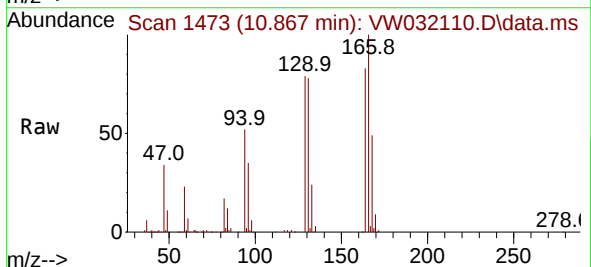
Ion Ratio Lower Upper

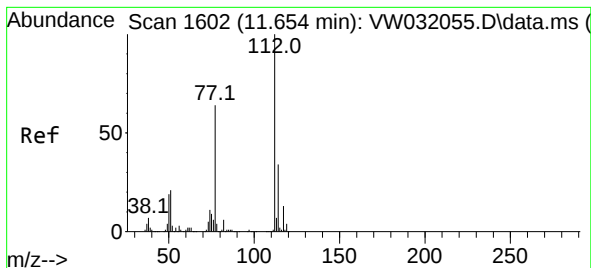
164 100

166 120.8 100.9 151.3

129 95.2 83.6 125.4

131 94.5 79.3 118.9





#65

Chlorobenzene

Concen: 21.288 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

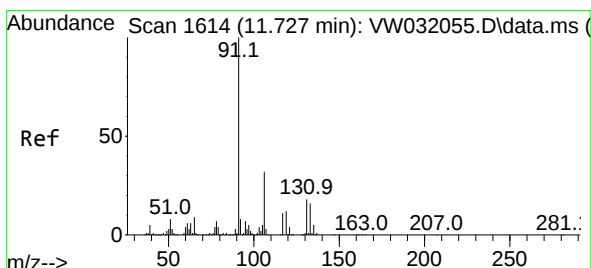
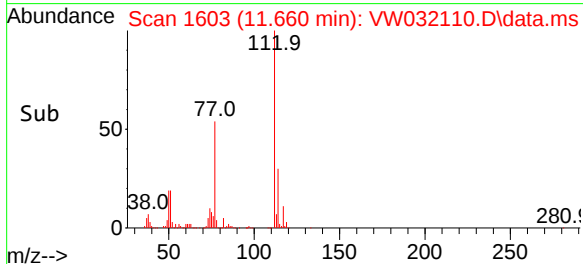
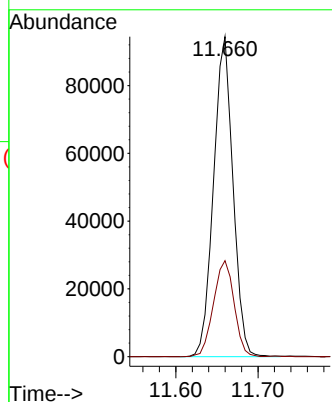
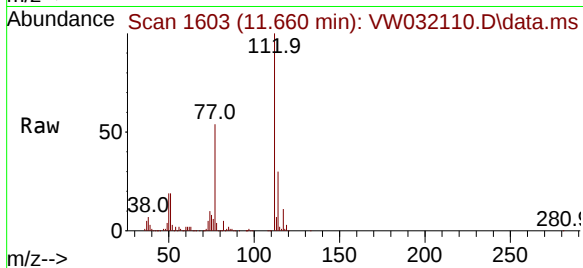
VW0822SBSD01

Tgt Ion:112 Resp: 155006

Ion Ratio Lower Upper

112 100

114 30.0 26.9 40.3



#66

1,1,1,2-Tetrachloroethane

Concen: 22.278 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

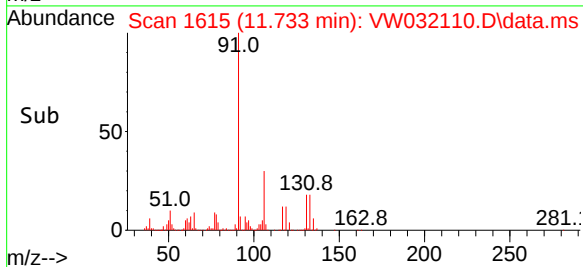
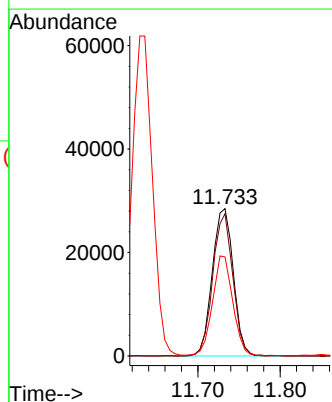
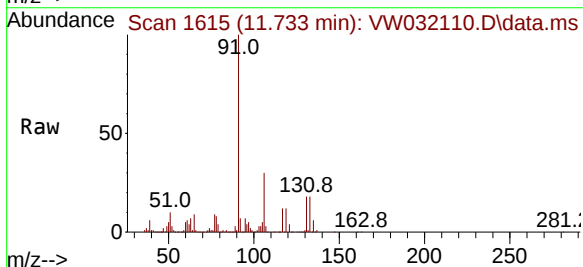
Tgt Ion:131 Resp: 50613

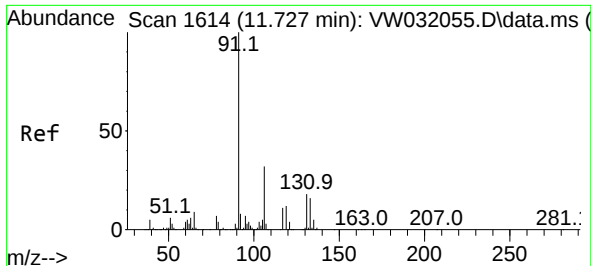
Ion Ratio Lower Upper

131 100

133 92.5 47.3 142.0

119 65.7 34.5 103.5





#67

Ethyl Benzene

Concen: 20.805 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

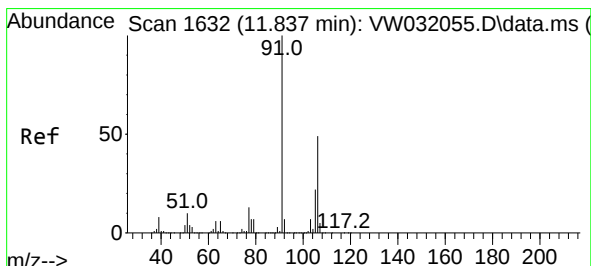
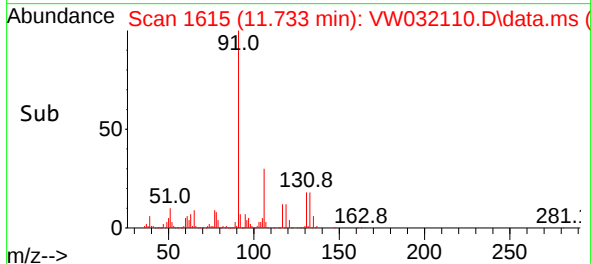
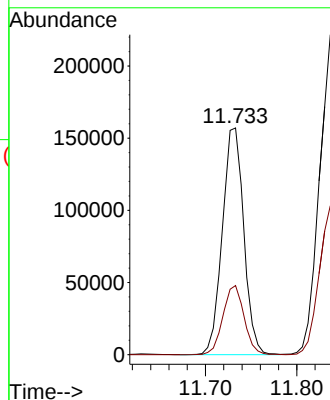
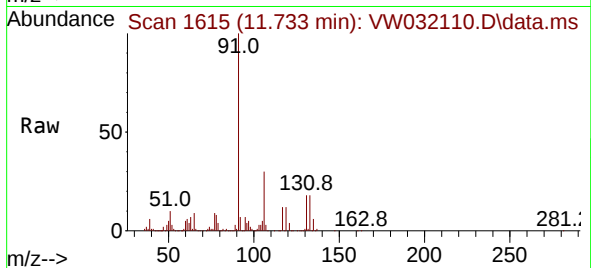
VW0822SBSD01

Tgt Ion: 91 Resp: 256610

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.0



#68

m/p-Xylenes

Concen: 41.586 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032110.D

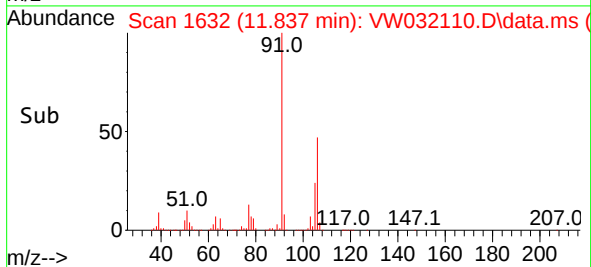
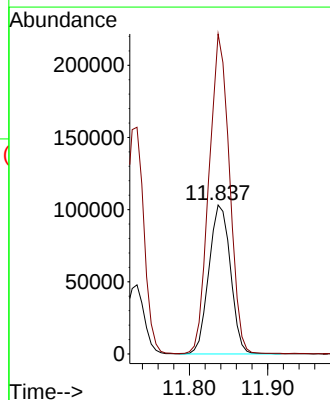
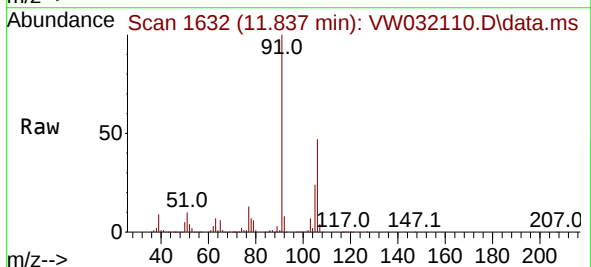
Acq: 22 Aug 2025 14:44

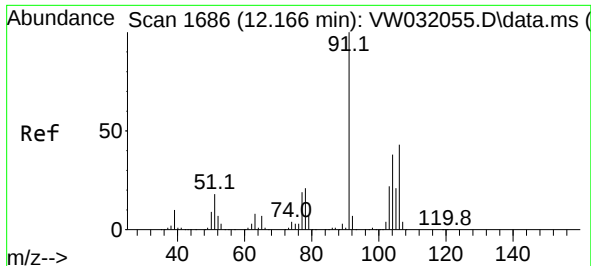
Tgt Ion: 106 Resp: 197918

Ion Ratio Lower Upper

106 100

91 203.1 162.2 243.2

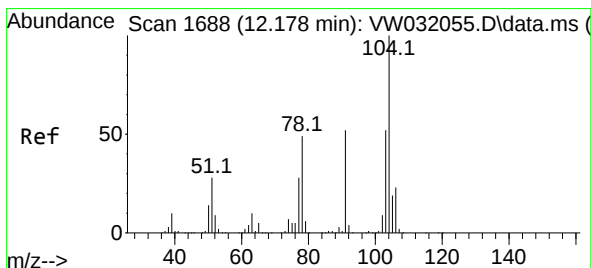
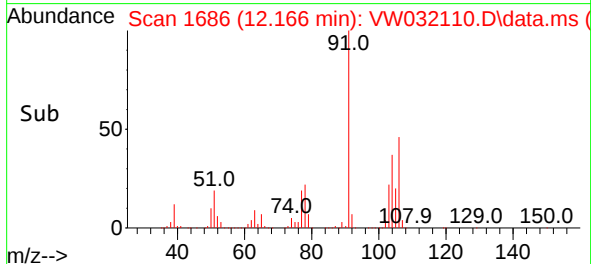
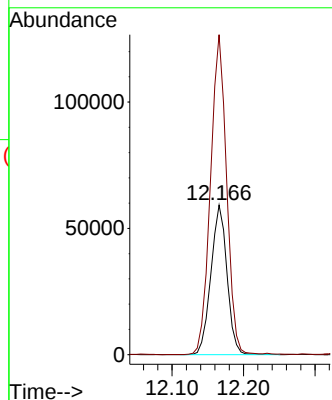
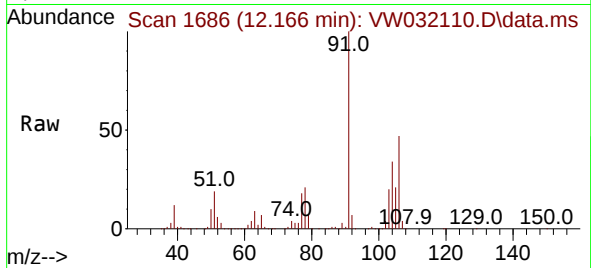




#69
o-Xylene
Concen: 21.000 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

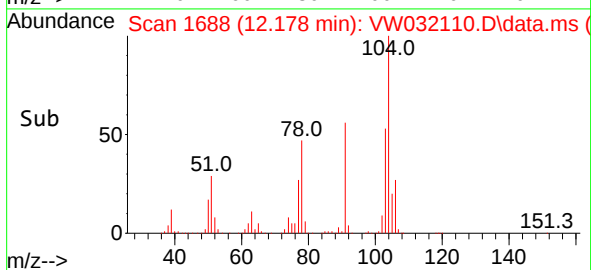
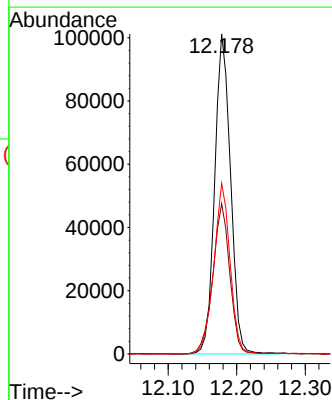
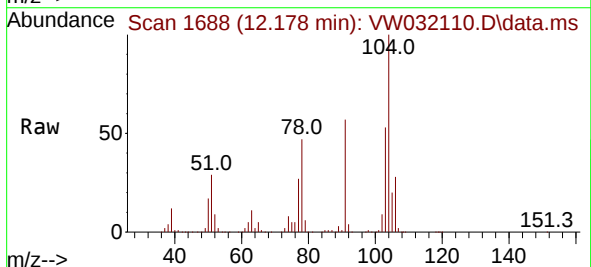
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

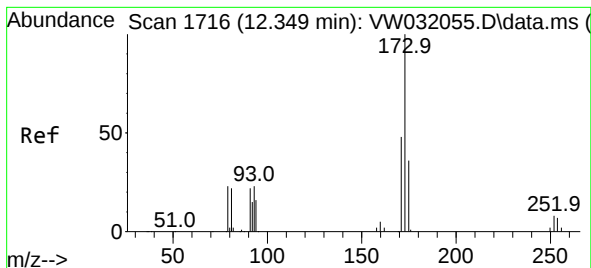
Tgt Ion:106 Resp: 92378
Ion Ratio Lower Upper
106 100
91 214.5 110.8 332.3



#70
Styrene
Concen: 20.863 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion:104 Resp: 163009
Ion Ratio Lower Upper
104 100
78 50.3 41.2 61.8
103 54.7 43.8 65.8





#71

Bromoform

Concen: 22.873 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

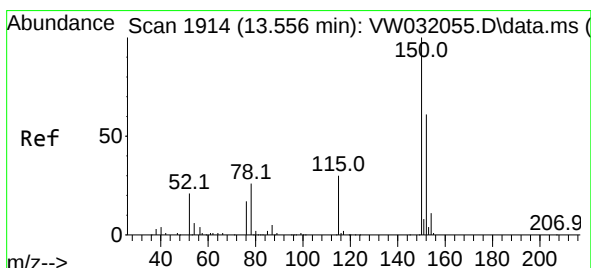
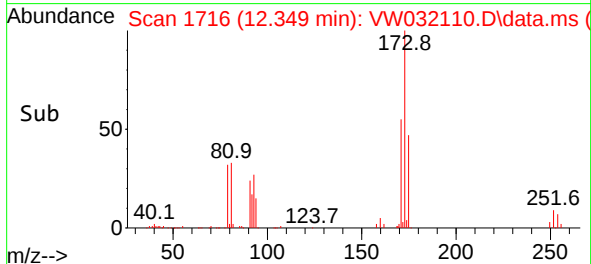
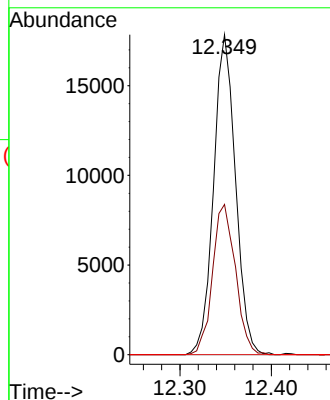
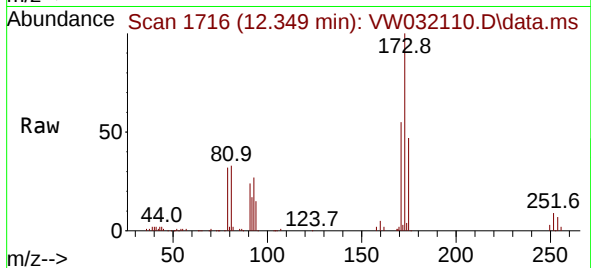
Tgt Ion:173 Resp: 29724

Ion Ratio Lower Upper

173 100

175 49.0 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: VW032110.D

Acq: 22 Aug 2025 14:44

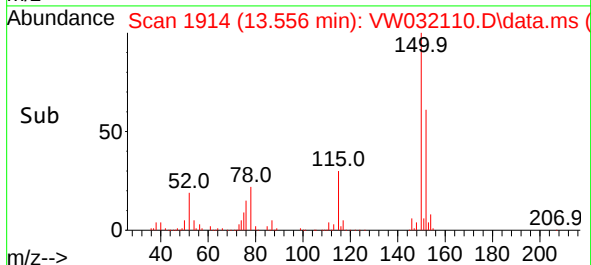
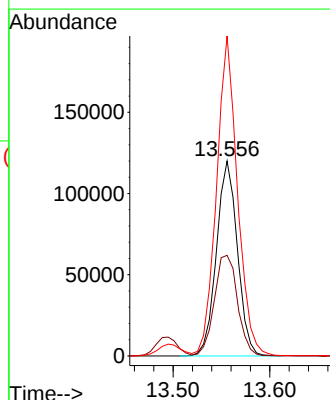
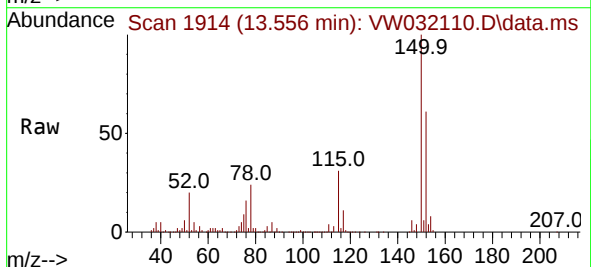
Tgt Ion:152 Resp: 180581

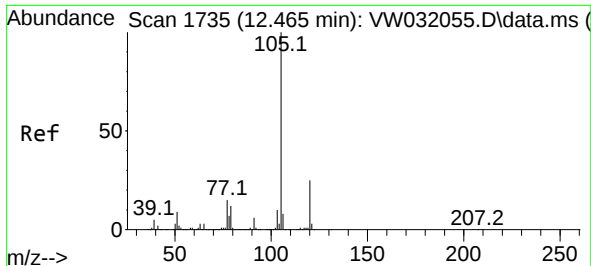
Ion Ratio Lower Upper

152 100

115 56.9 32.6 97.8

150 164.0 0.0 359.4

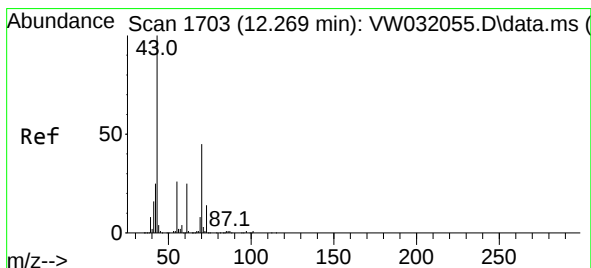
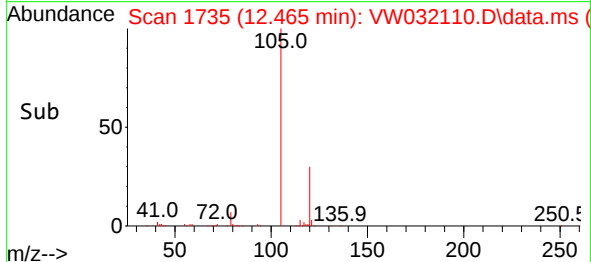
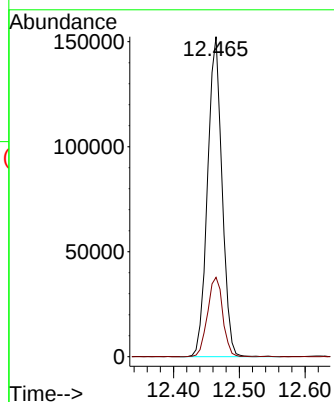
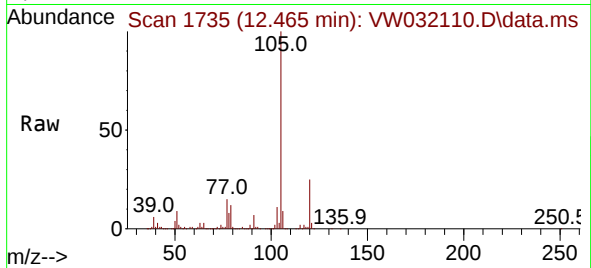




#73
Isopropylbenzene
Concen: 18.494 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

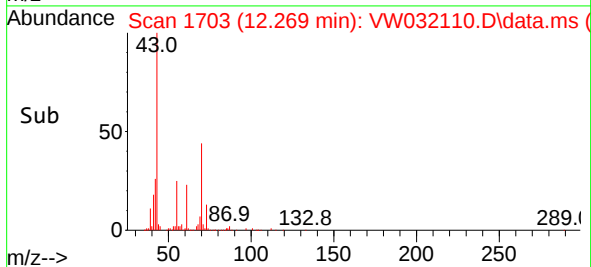
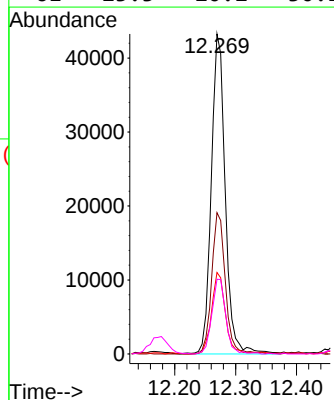
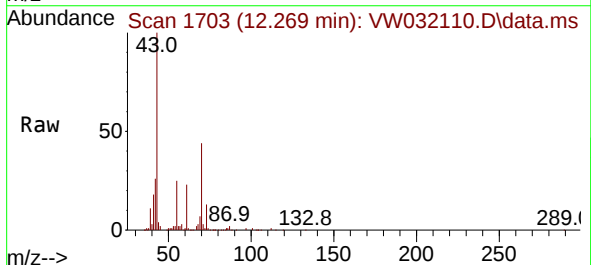
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

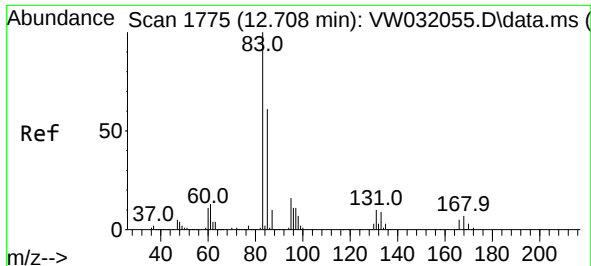
Tgt Ion:105 Resp: 233398
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 19.070 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 43 Resp: 69046
Ion Ratio Lower Upper
43 100
70 43.4 37.0 55.4
55 24.9 21.1 31.7
61 23.3 20.2 30.2

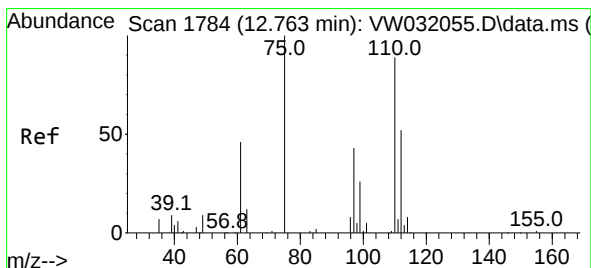
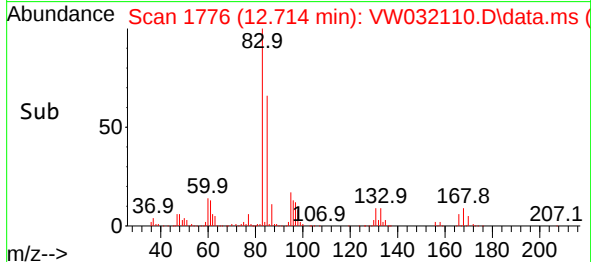
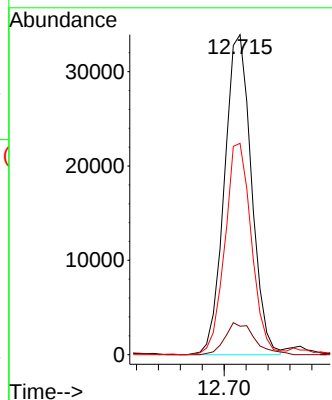
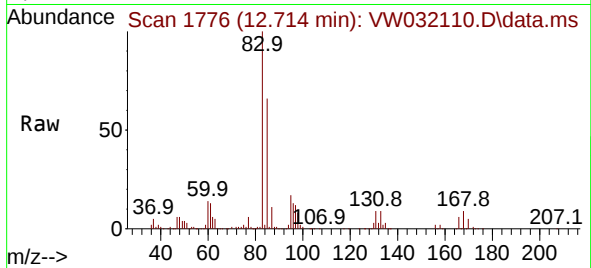




#75
1,1,2,2-Tetrachloroethane
Concen: 19.382 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

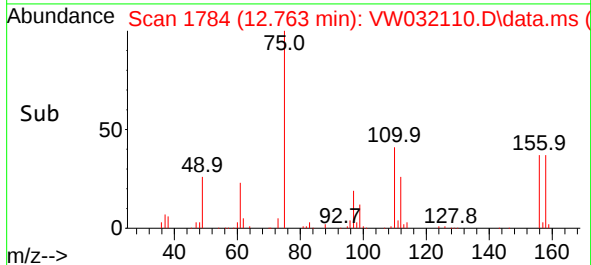
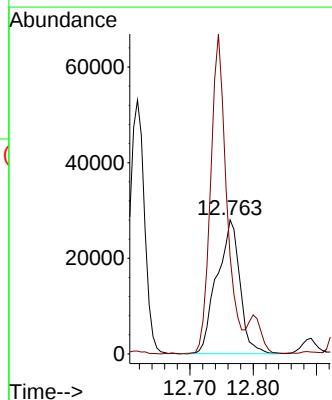
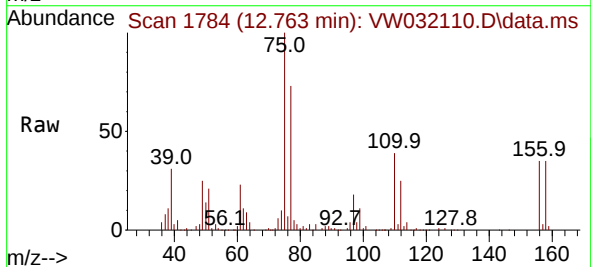
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

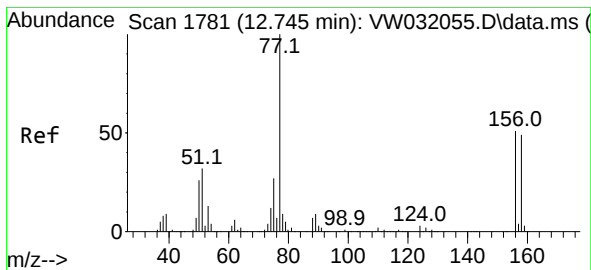
Tgt Ion: 83 Resp: 58077
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.4
85 65.2 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 28.701 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 75 Resp: 70344
Ion Ratio Lower Upper
75 100
77 167.4 123.5 370.5





#77

Bromobenzene

Concen: 20.279 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

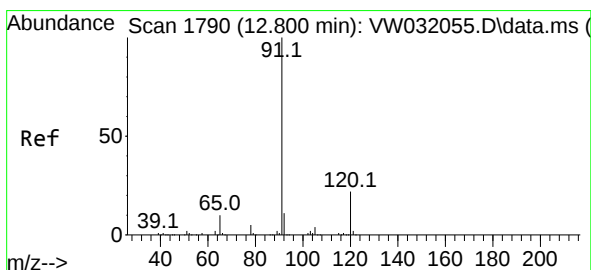
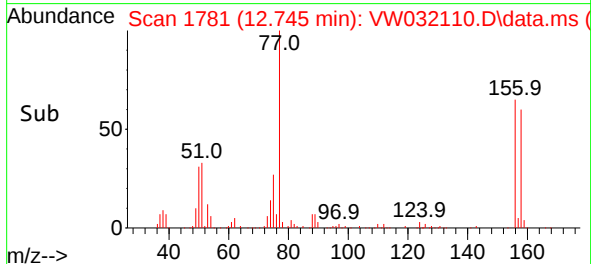
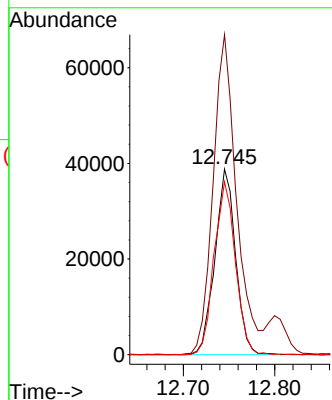
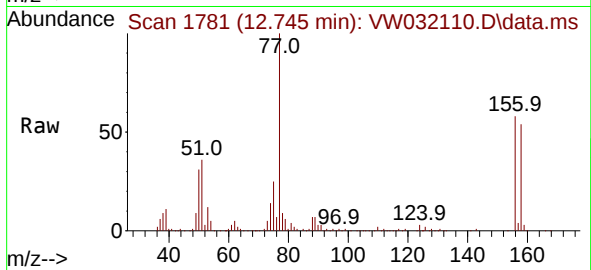
Tgt Ion:156 Resp: 61125

Ion Ratio Lower Upper

156 100

77 192.7 108.7 326.3

158 95.8 48.3 144.9



#78

n-propylbenzene

Concen: 18.729 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032110.D

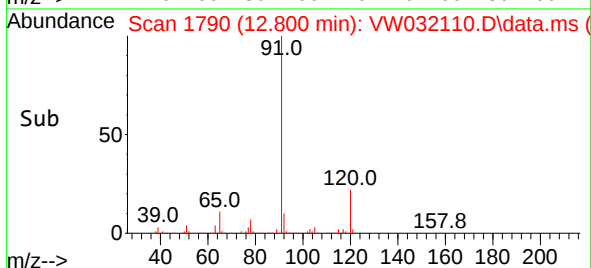
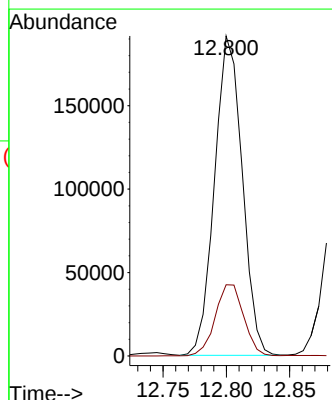
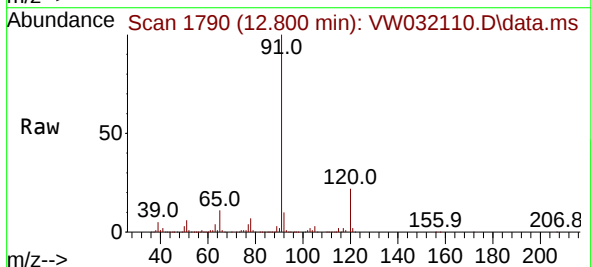
Acq: 22 Aug 2025 14:44

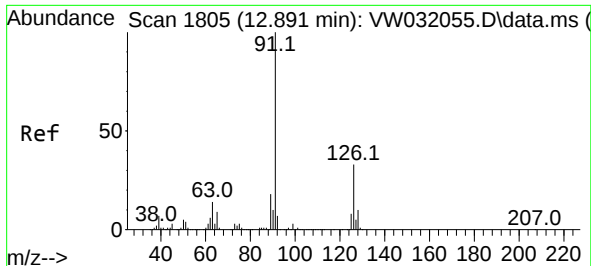
Tgt Ion: 91 Resp: 290994

Ion Ratio Lower Upper

91 100

120 23.1 11.1 33.3

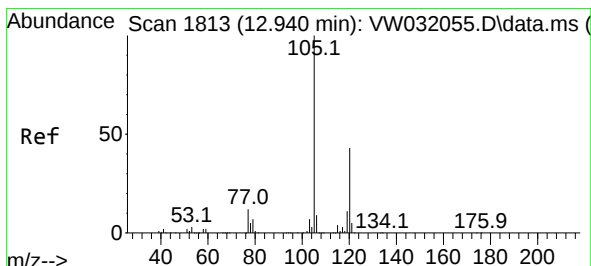
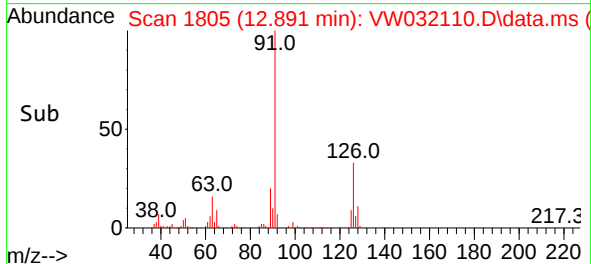
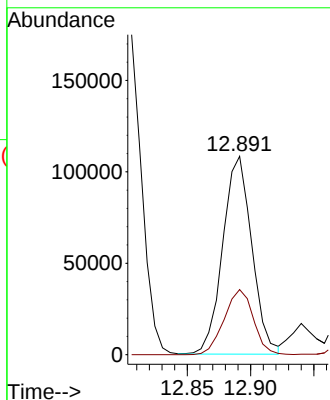
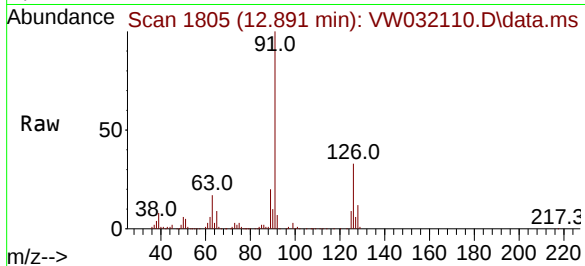




#79
2-Chlorotoluene
Concen: 18.080 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

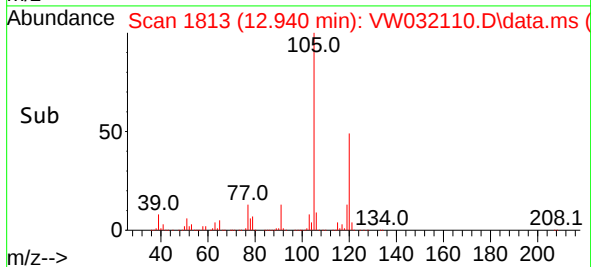
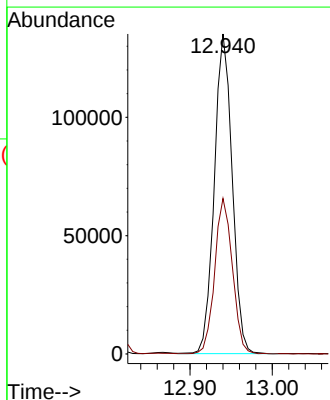
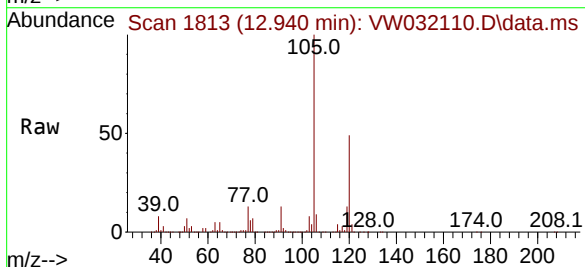
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

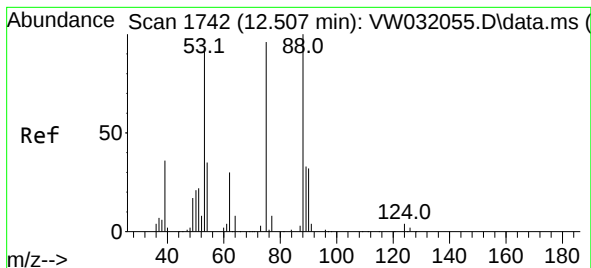
Tgt Ion: 91 Resp: 173370
Ion Ratio Lower Upper
91 100
126 32.9 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 19.057 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion:105 Resp: 204174
Ion Ratio Lower Upper
105 100
120 48.0 23.4 70.0

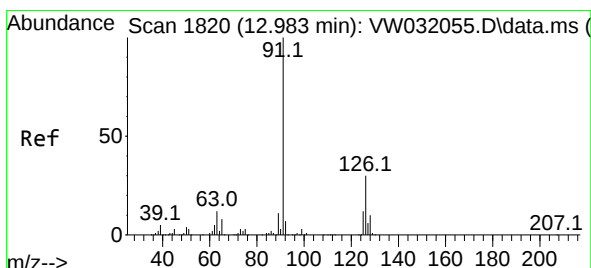
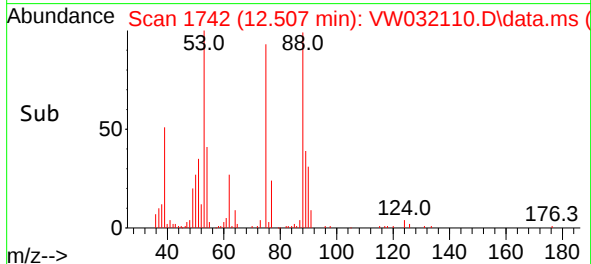
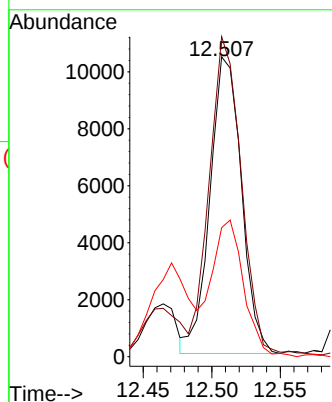
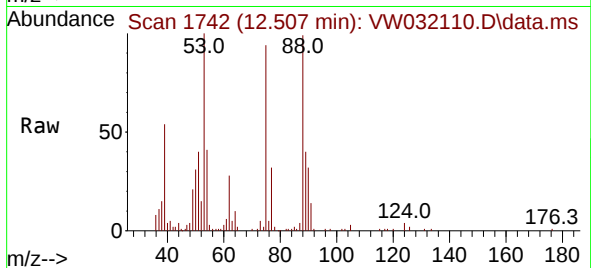




#81
trans-1,4-Dichloro-2-butene
Concen: 17.551 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

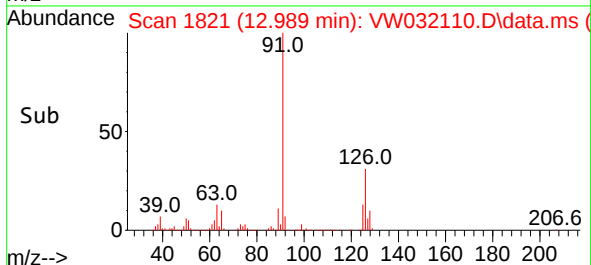
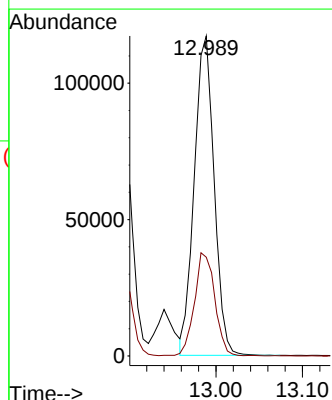
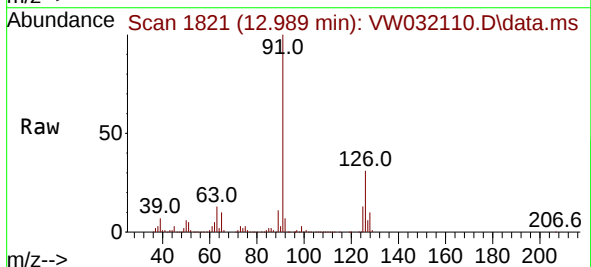
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

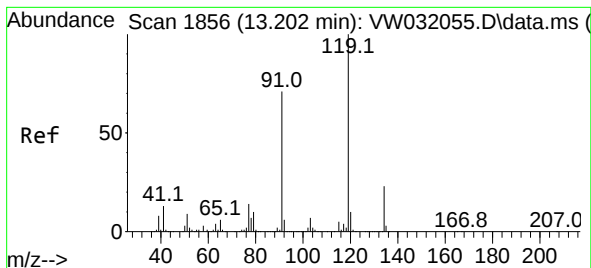
Tgt Ion: 75 Resp: 16615
Ion Ratio Lower Upper
75 100
53 110.0 81.0 121.6
89 47.3 37.3 55.9



#82
4-Chlorotoluene
Concen: 18.291 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 91 Resp: 186347
Ion Ratio Lower Upper
91 100
126 33.2 15.5 46.5





#83

tert-Butylbenzene

Concen: 18.807 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

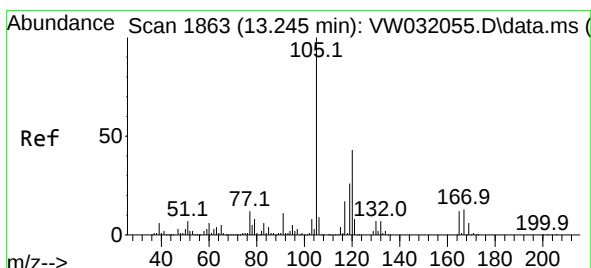
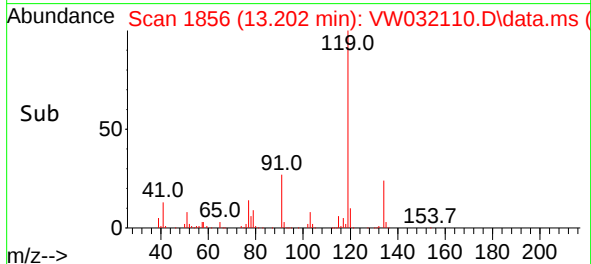
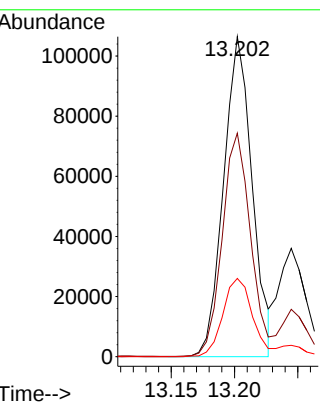
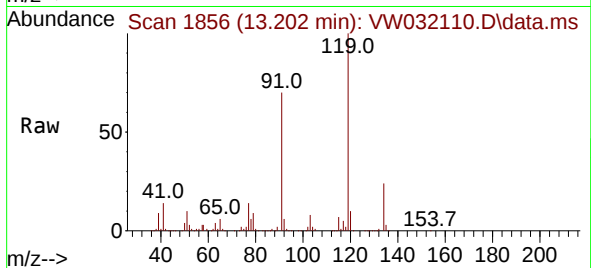
Tgt Ion:119 Resp: 167230

Ion Ratio Lower Upper

119 100

91 68.8 35.3 105.9

134 25.6 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 19.081 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032110.D

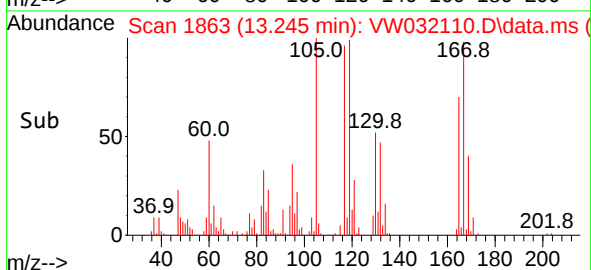
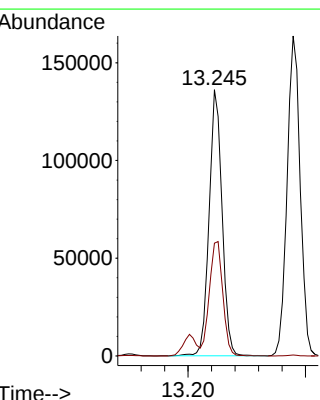
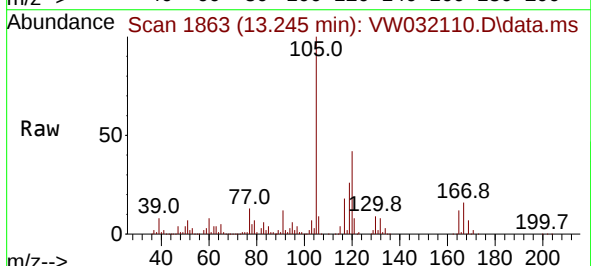
Acq: 22 Aug 2025 14:44

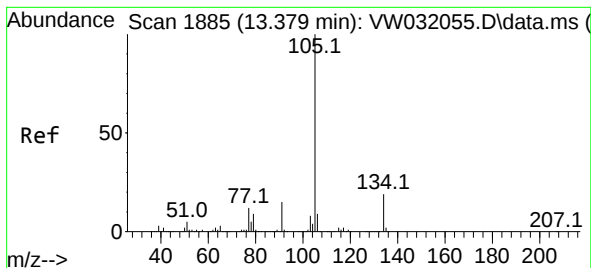
Tgt Ion:105 Resp: 208113

Ion Ratio Lower Upper

105 100

120 44.7 21.6 64.8





#85

sec-Butylbenzene

Concen: 18.761 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

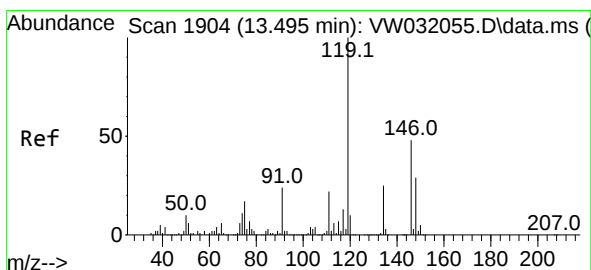
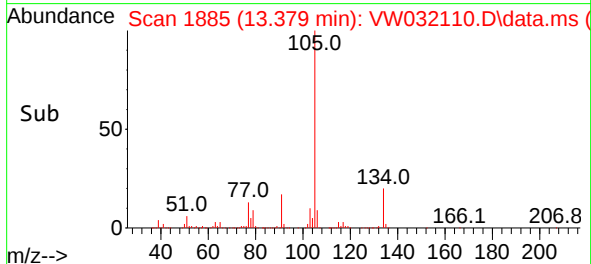
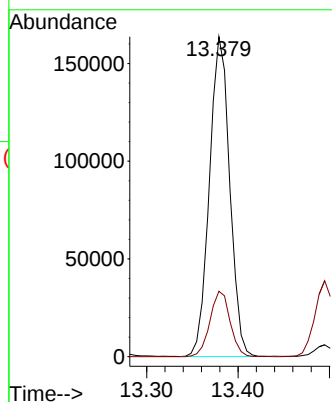
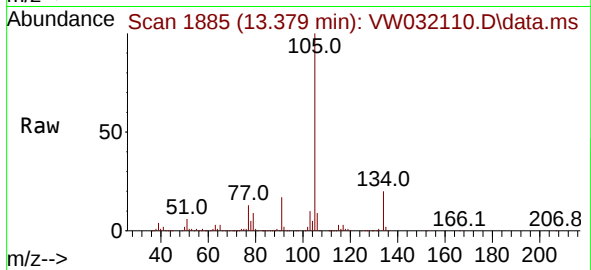
VW0822SBSD01

Tgt Ion:105 Resp: 252219

Ion Ratio Lower Upper

105 100

134 20.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.265 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

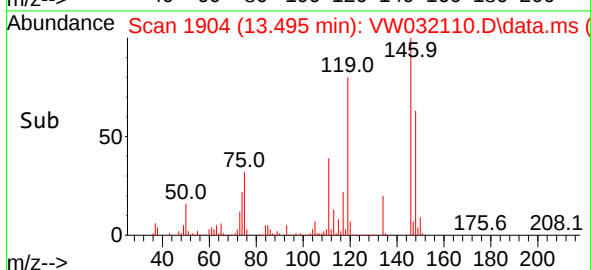
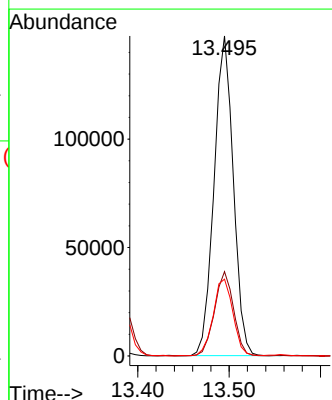
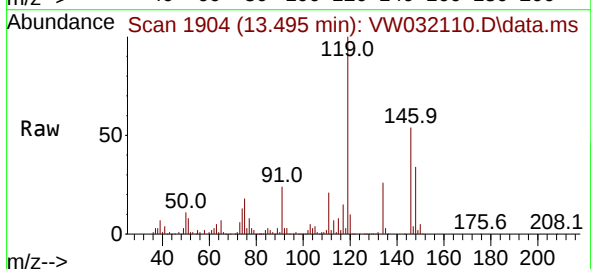
Tgt Ion:119 Resp: 215907

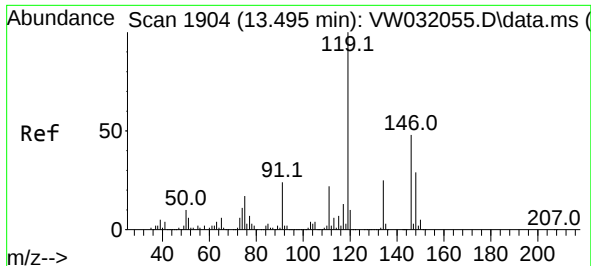
Ion Ratio Lower Upper

119 100

134 26.3 12.4 37.0

91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.550 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

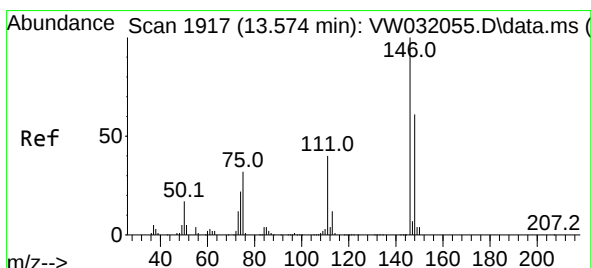
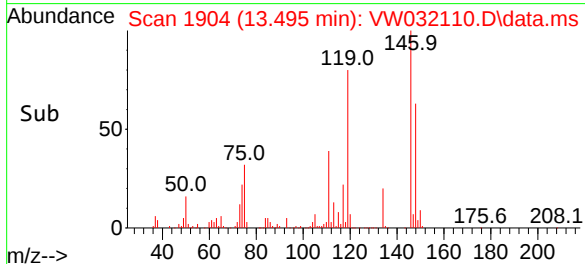
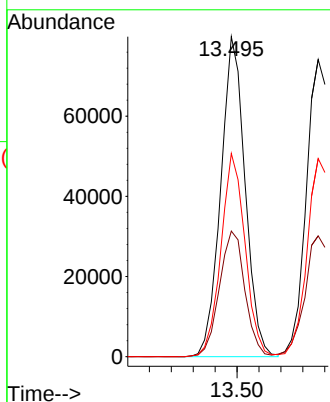
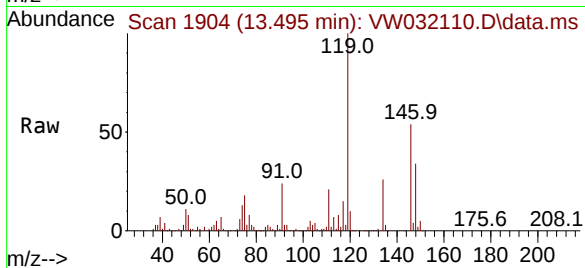
Tgt Ion:146 Resp: 123252

Ion Ratio Lower Upper

146 100

111 41.1 21.2 63.6

148 62.8 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 20.141 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

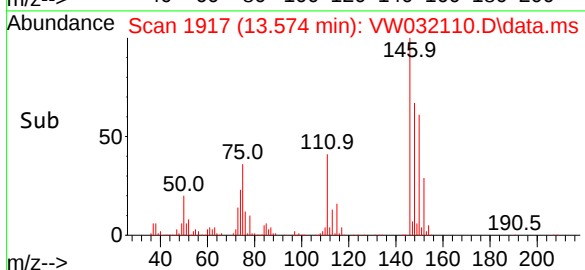
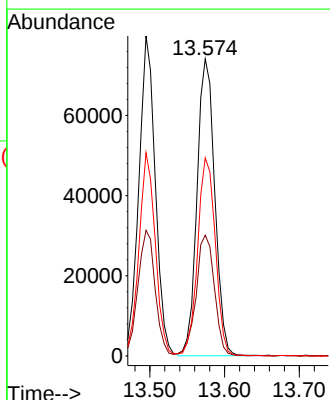
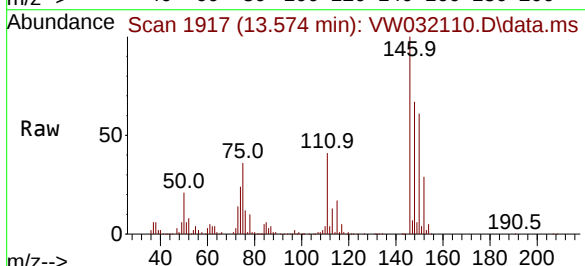
Tgt Ion:146 Resp: 122074

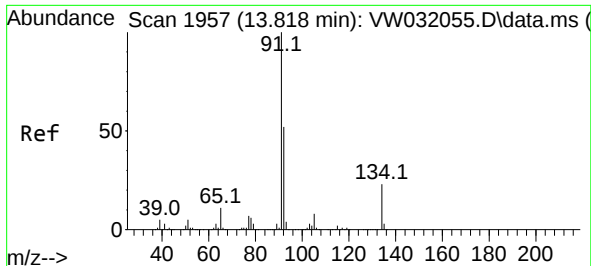
Ion Ratio Lower Upper

146 100

111 42.0 21.6 64.6

148 67.0 32.0 96.2

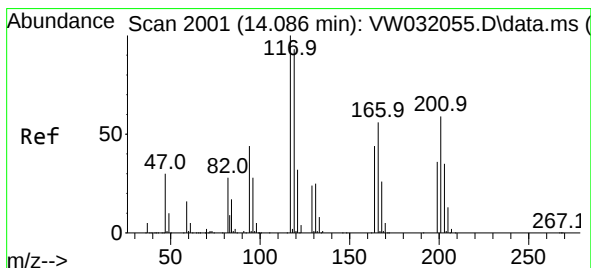
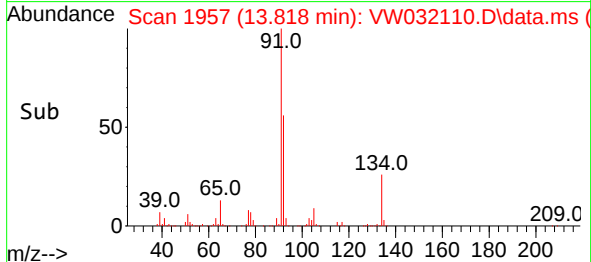
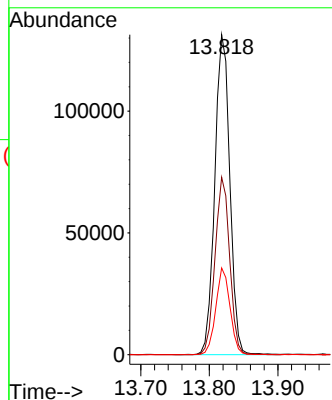
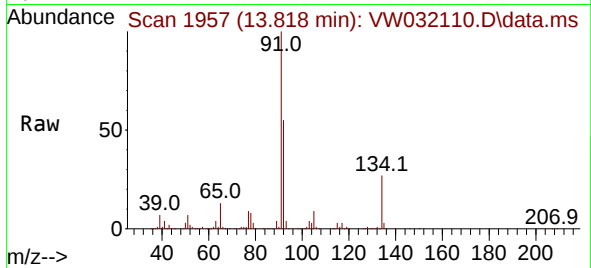




#89
n-Butylbenzene
Concen: 18.345 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

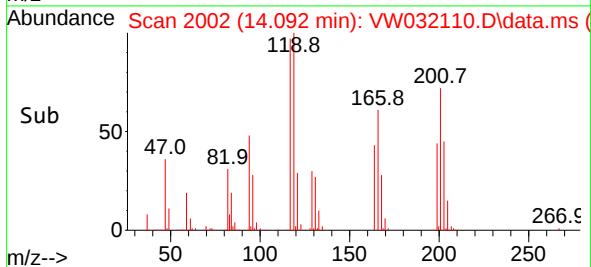
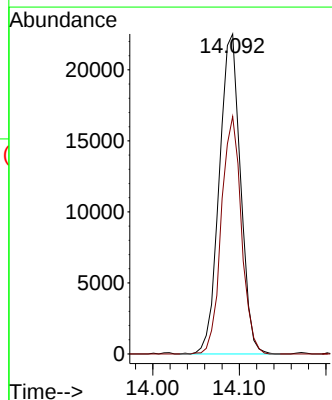
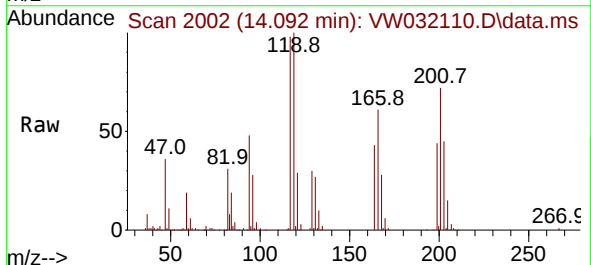
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

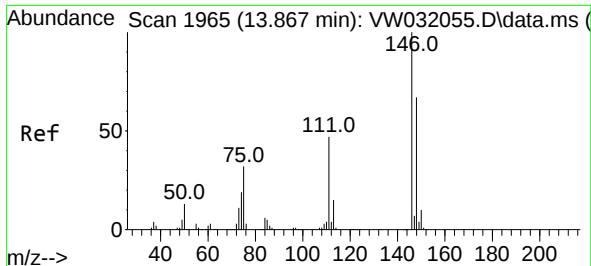
Tgt Ion: 91 Resp: 199744
Ion Ratio Lower Upper
91 100
92 54.1 26.7 80.1
134 25.7 12.0 36.1



#90
Hexachloroethane
Concen: 18.716 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 117 Resp: 38361
Ion Ratio Lower Upper
117 100
201 70.1 30.9 92.5

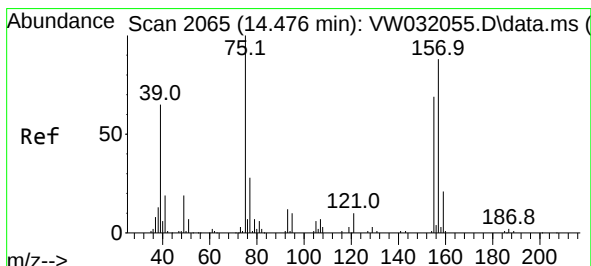
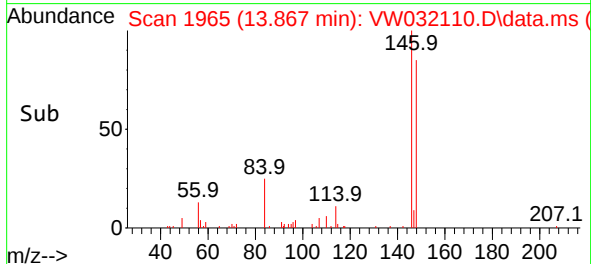
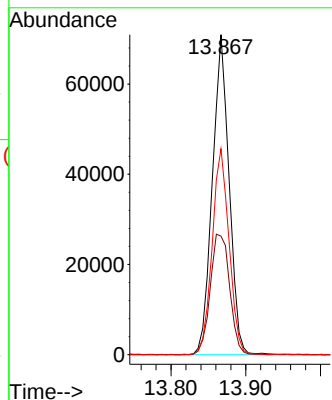
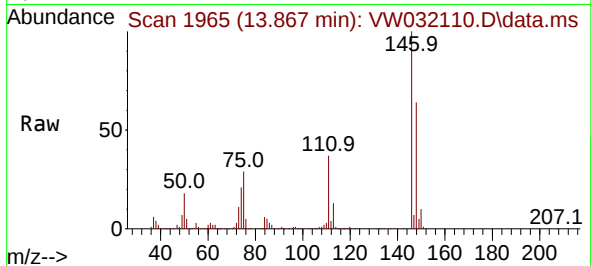




#91
1,2-Dichlorobenzene
Concen: 20.363 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

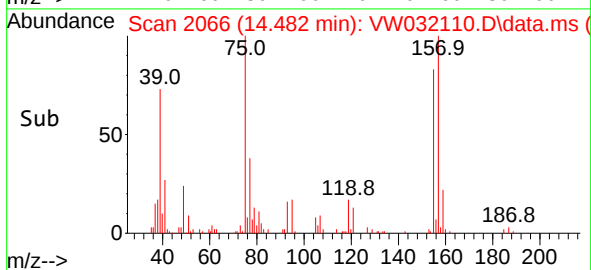
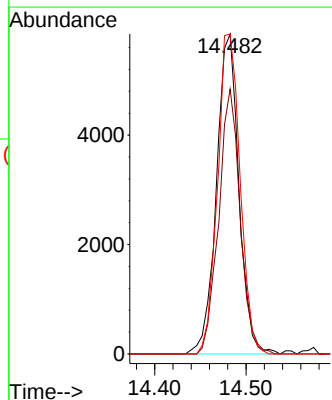
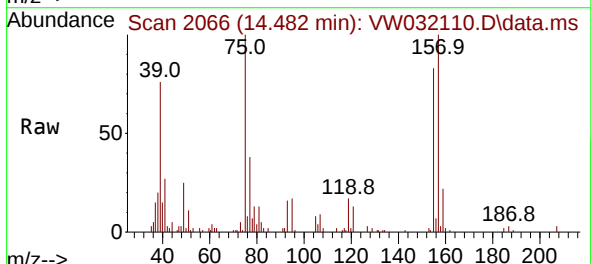
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

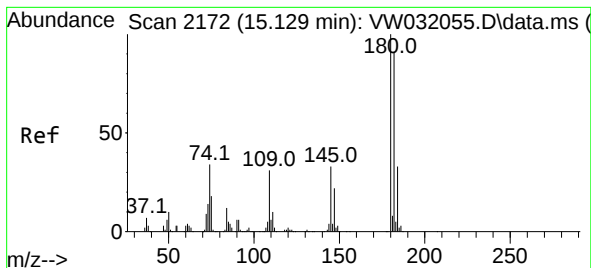
Tgt Ion:146 Resp: 110635
Ion Ratio Lower Upper
146 100
111 43.6 23.1 69.3
148 65.0 32.9 98.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.688 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032110.D
Acq: 22 Aug 2025 14:44

Tgt Ion: 75 Resp: 9955
Ion Ratio Lower Upper
75 100
155 79.1 35.2 105.6
157 100.7 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 21.219 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

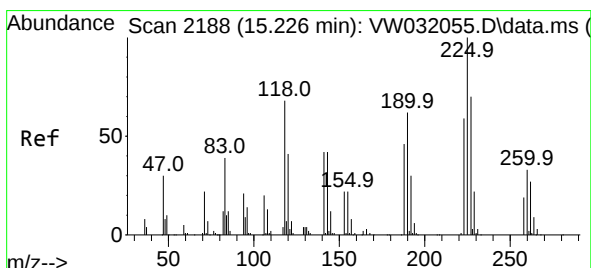
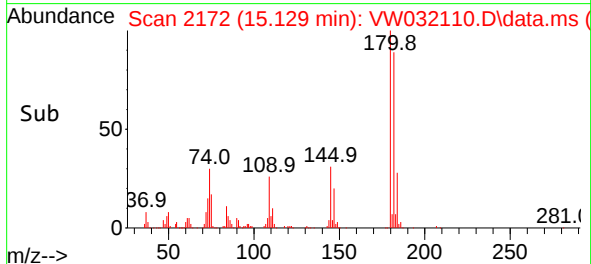
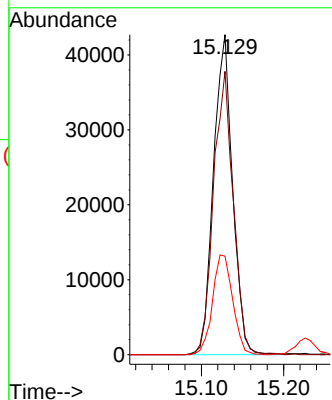
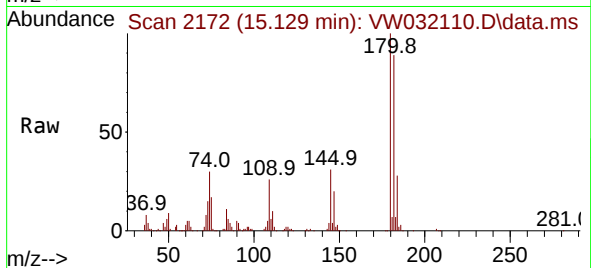
Tgt Ion:180 Resp: 68965

Ion Ratio Lower Upper

180 100

182 91.6 49.0 147.0

145 32.9 17.3 51.9



#94

Hexachlorobutadiene

Concen: 23.163 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

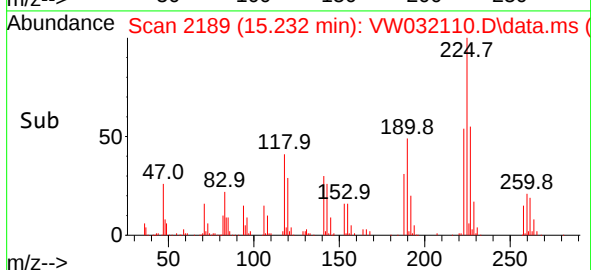
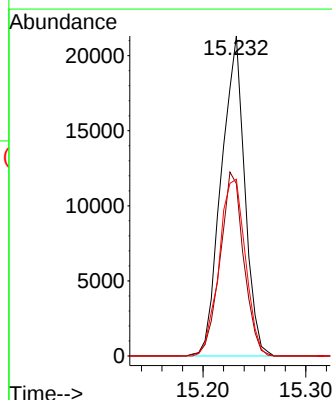
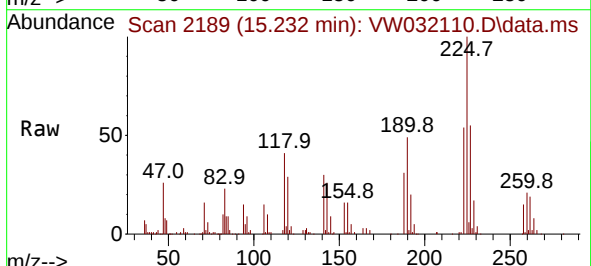
Tgt Ion:225 Resp: 33652

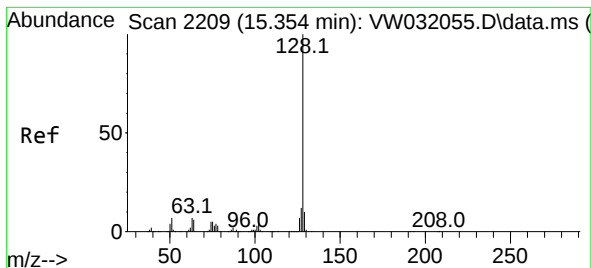
Ion Ratio Lower Upper

225 100

223 58.2 31.8 95.3

227 61.9 33.5 100.5





#95

Naphthalene

Concen: 19.471 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

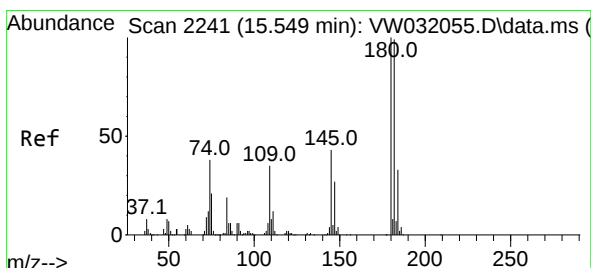
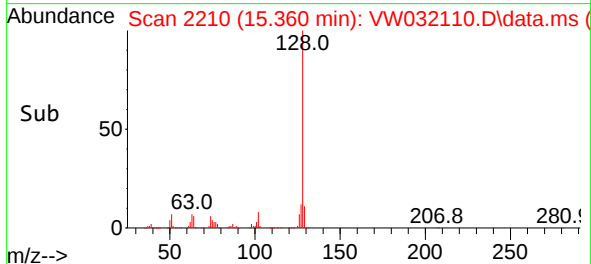
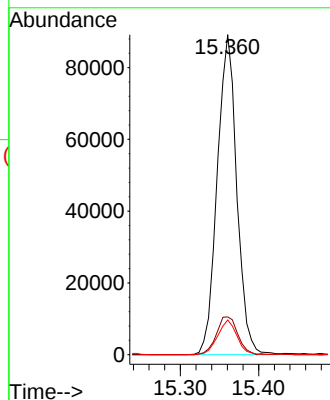
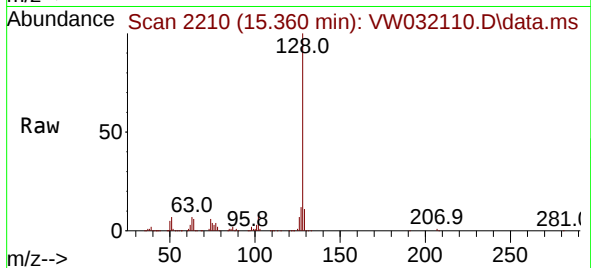
Tgt Ion:128 Resp: 155063

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.7 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 21.349 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032110.D

Acq: 22 Aug 2025 14:44

Tgt Ion:180 Resp: 63132

Ion Ratio Lower Upper

180 100

182 98.6 46.0 138.0

145 35.2 19.2 57.6

