

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032165.D
 Acq On : 15 Sep 2025 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:30:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	265907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	427744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	401457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	208724	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	180444	47.450	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	94.900%
35) Dibromofluoromethane	7.898	113	151011	50.320	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.640%
50) Toluene-d8	10.325	98	541347	51.385	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	102.780%
62) 4-Bromofluorobenzene	12.617	95	195957	50.301	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	100.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	84056	47.879	ug/l	96
3) Chloromethane	2.259	50	84741	46.038	ug/l	99
4) Vinyl Chloride	2.412	62	119552	50.005	ug/l	97
5) Bromomethane	2.826	94	96048	44.988	ug/l	94
6) Chloroethane	2.972	64	80311	47.700	ug/l	96
7) Trichlorofluoromethane	3.302	101	106496	44.957	ug/l	98
8) Diethyl Ether	3.722	74	80147	45.338	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	131163	49.152	ug/l	99
10) Methyl Iodide	4.308	142	200158	49.260	ug/l	99
11) Tert butyl alcohol	5.222	59	58169	250.072	ug/l	98
12) 1,1-Dichloroethene	4.082	96	135264	48.131	ug/l	94
13) Acrolein	3.930	56	23172	64.806	ug/l	99
14) Allyl chloride	4.704	41	208233	52.164	ug/l	99
15) Acrylonitrile	5.399	53	214832	249.961	ug/l	98
16) Acetone	4.161	43	212820	258.408	ug/l	100
17) Carbon Disulfide	4.423	76	351521	50.011	ug/l	98
18) Methyl Acetate	4.710	43	147689	56.282	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	273870	51.607	ug/l	99
20) Methylene Chloride	4.948	84	163325	48.275	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	156299	49.786	ug/l	95
22) Diisopropyl ether	6.338	45	460081	52.955	ug/l	97
23) Vinyl Acetate	6.283	43	1486673	251.680	ug/l	99
24) 1,1-Dichloroethane	6.240	63	287107	50.477	ug/l	99
25) 2-Butanone	7.191	43	296880	254.387	ug/l	99
26) 2,2-Dichloropropane	7.185	77	166469	55.267	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	188599	49.369	ug/l	97
28) Bromochloromethane	7.533	49	124066	47.650	ug/l	95
29) Tetrahydrofuran	7.551	42	184026	248.144	ug/l	99
30) Chloroform	7.691	83	326076	50.212	ug/l	97
31) Cyclohexane	7.972	56	223348	47.842	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	243789	51.426	ug/l	99
36) 1,1-Dichloropropene	8.094	75	208897	53.687	ug/l	98
37) Ethyl Acetate	7.270	43	119368	51.139	ug/l	100
38) Carbon Tetrachloride	8.081	117	229482	55.015	ug/l	95
39) Methylcyclohexane	9.343	83	252414	54.768	ug/l	99
40) Benzene	8.337	78	649258	53.980	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	69704	53.749	ug/l	93
42) 1,2-Dichloroethane	8.411	62	222400	53.338	ug/l	100
43) Isopropyl Acetate	8.435	43	230673	52.677	ug/l	99
44) Trichloroethene	9.099	130	161885	53.520	ug/l	90
45) 1,2-Dichloropropane	9.374	63	156295	53.905	ug/l	99
46) Dibromomethane	9.465	93	105609	51.931	ug/l	97
47) Bromodichloromethane	9.648	83	252049	54.539	ug/l	95
48) Methyl methacrylate	9.441	41	110258	54.636	ug/l	97
49) 1,4-Dioxane	9.459	88	26240	1067.917	ug/l	97
51) 4-Methyl-2-Pentanone	10.209	43	663037	268.152	ug/l	98
52) Toluene	10.392	92	418522	53.248	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	232839	57.112	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	257474	55.349	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	135237	51.139	ug/l	98
56) Ethyl methacrylate	10.648	69	188118	55.642	ug/l	97
57) 1,3-Dichloropropane	10.934	76	233915	52.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	486016	269.326	ug/l	99
59) 2-Hexanone	10.965	43	478084	278.014	ug/l	98
60) Dibromochloromethane	11.130	129	173138	54.106	ug/l	99
61) 1,2-Dibromoethane	11.233	107	134448	51.699	ug/l	100
64) Tetrachloroethene	10.861	164	133366	50.474	ug/l #	90
65) Chlorobenzene	11.654	112	475010	51.983	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	162003	53.850	ug/l	99
67) Ethyl Benzene	11.727	91	818600	54.677	ug/l	99
68) m/p-Xylenes	11.837	106	627729	108.943	ug/l	99
69) o-Xylene	12.166	106	297553	54.594	ug/l	99
70) Styrene	12.178	104	520961	54.223	ug/l	98
71) Bromoform	12.349	173	101242	56.662	ug/l #	100
73) Isopropylbenzene	12.459	105	751751	53.015	ug/l	99
74) N-amyl acetate	12.270	43	214672	52.144	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	173002	51.337	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	219143	83.806	ug/l	40
77) Bromobenzene	12.745	156	185756	51.370	ug/l	98
78) n-propylbenzene	12.800	91	952807	55.346	ug/l	97
79) 2-Chlorotoluene	12.891	91	555427	52.760	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	656079	54.647	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	54443	56.058	ug/l	98
82) 4-Chlorotoluene	12.983	91	601263	53.357	ug/l	98
83) tert-Butylbenzene	13.202	119	557023	54.720	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	680265	54.768	ug/l	98
85) sec-Butylbenzene	13.379	105	816441	53.719	ug/l	99
86) p-Isopropyltoluene	13.489	119	711389	55.040	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	377012	51.782	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	366303	50.193	ug/l	97
89) n-Butylbenzene	13.818	91	677862	55.010	ug/l	99
90) Hexachloroethane	14.086	117	134581	56.926	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	353217	54.795	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.477	75	30871	51.855	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	219642	53.331	ug/l	99
94) Hexachlorobutadiene	15.226	225	103455	50.649	ug/l	93
95) Naphthalene	15.354	128	501741	53.830	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	203801	53.209	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

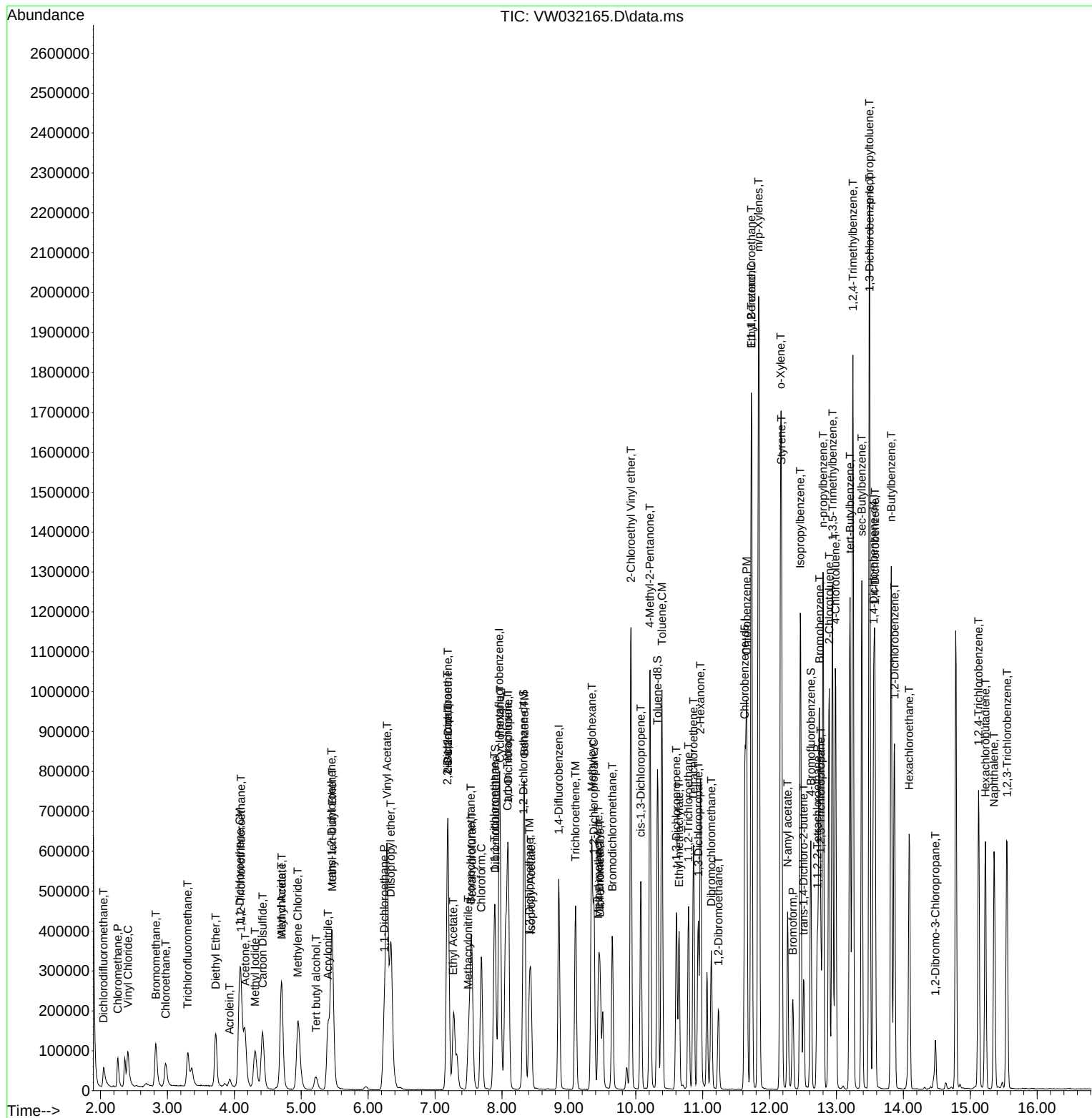
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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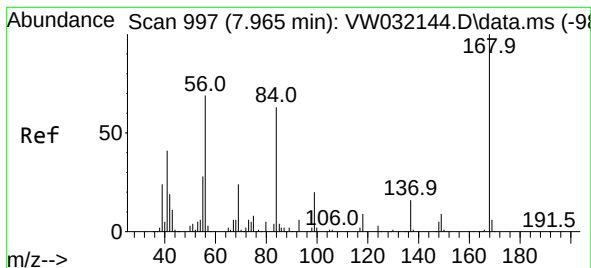
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

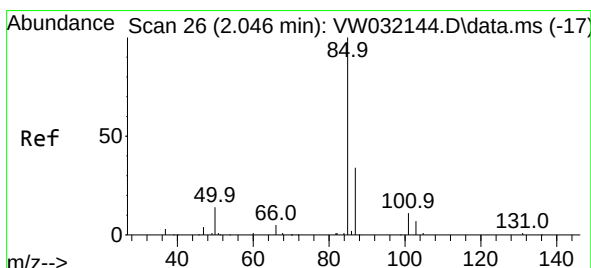
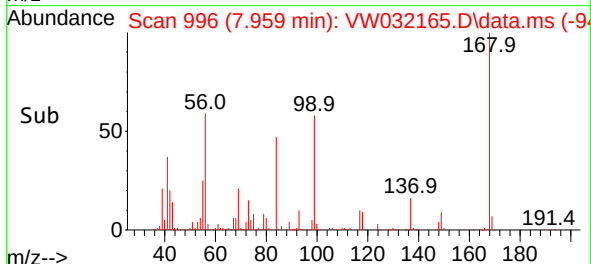
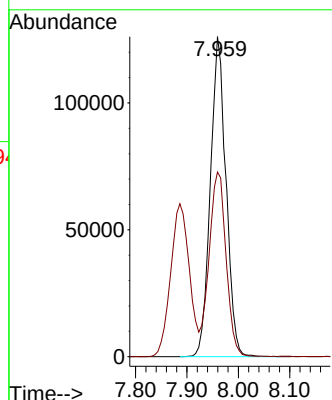
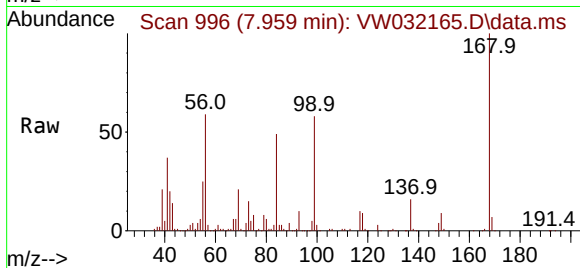
ClientSampleId :

Tgt Ion:168 Resp: 265907

Ion Ratio Lower Upper

168 100

99 57.5 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 47.879 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.000 min

Lab File: VW032165.D

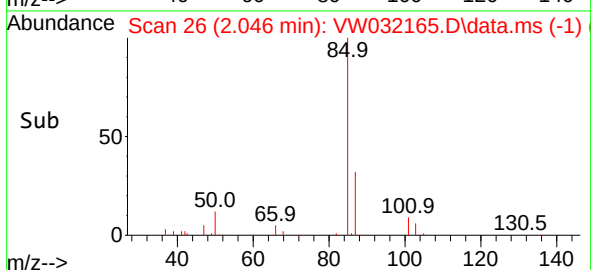
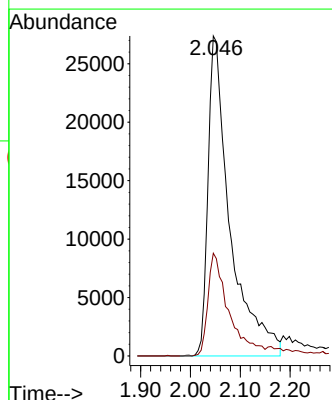
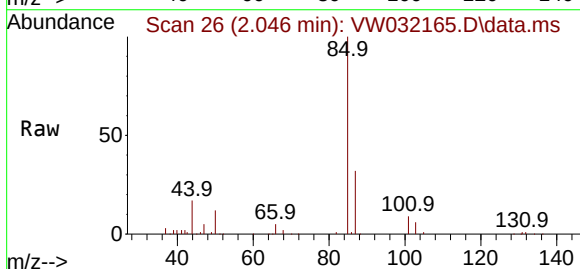
Acq: 15 Sep 2025 09:14

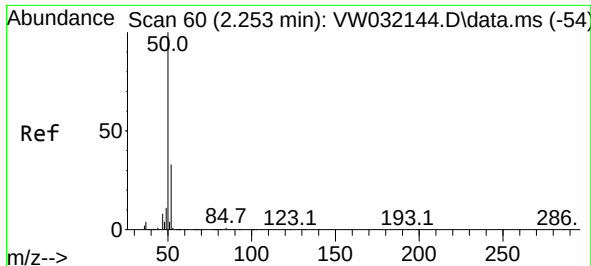
Tgt Ion: 85 Resp: 84056

Ion Ratio Lower Upper

85 100

87 32.1 17.2 51.6

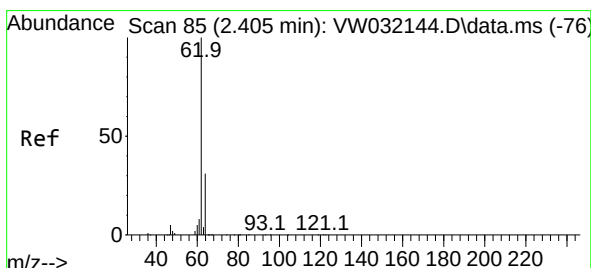
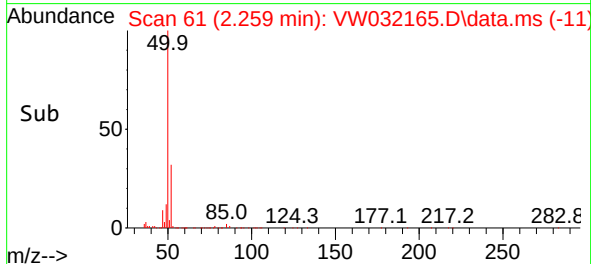
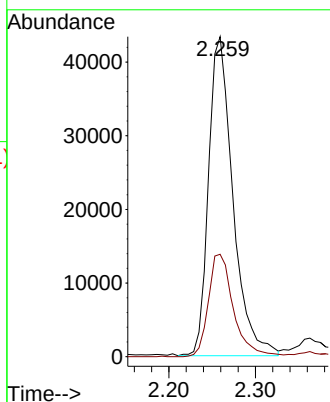
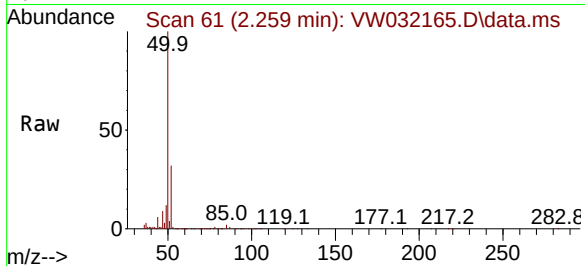




#3
Chloromethane
Concen: 46.038 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

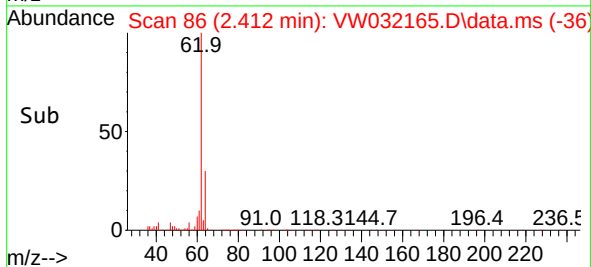
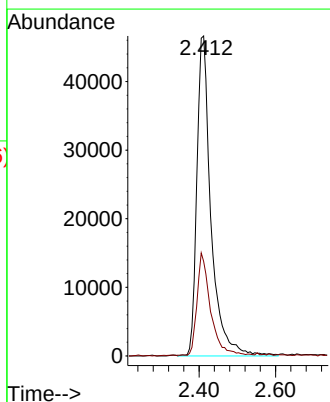
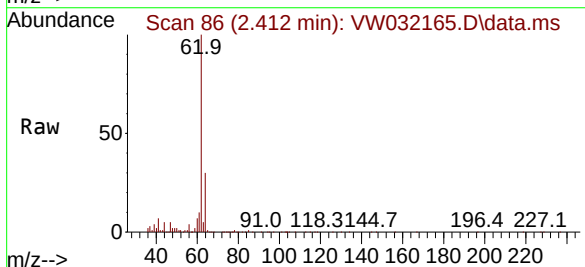
Instrument :
MSVOA_W
ClientSampleId :

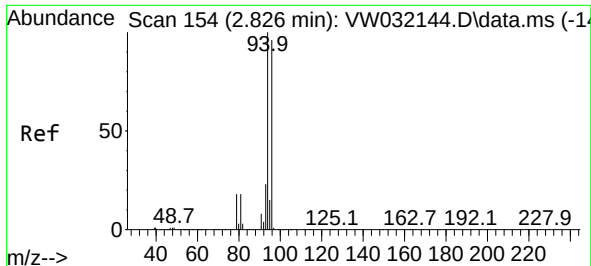
Tgt Ion: 50 Resp: 84741
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 50.005 ug/l
RT: 2.412 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 62 Resp: 119552
Ion Ratio Lower Upper
62 100
64 29.3 24.8 37.2

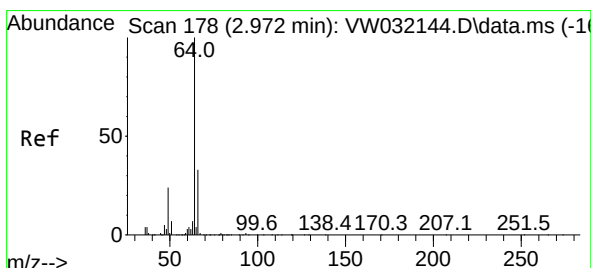
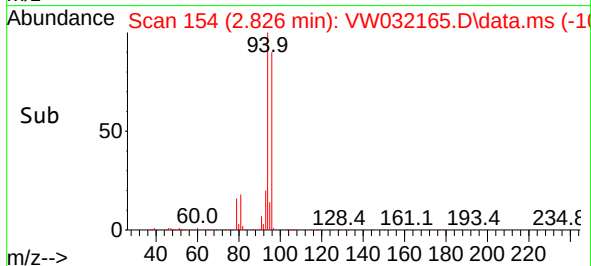
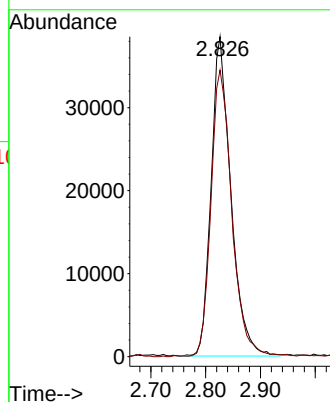
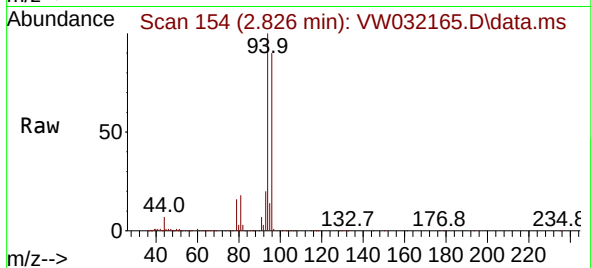




#5
Bromomethane
Concen: 44.988 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

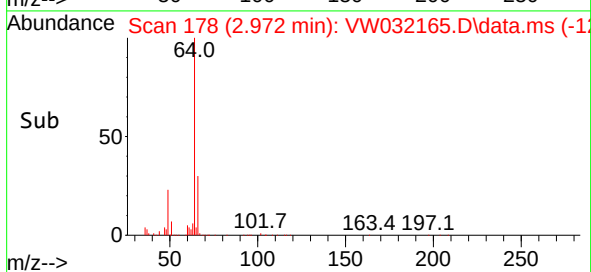
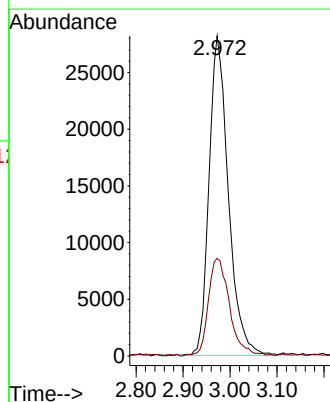
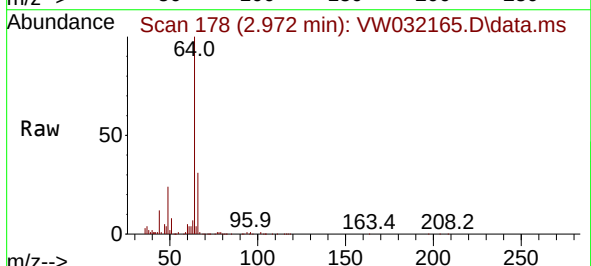
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MSVOA_W
ClientSampleId :

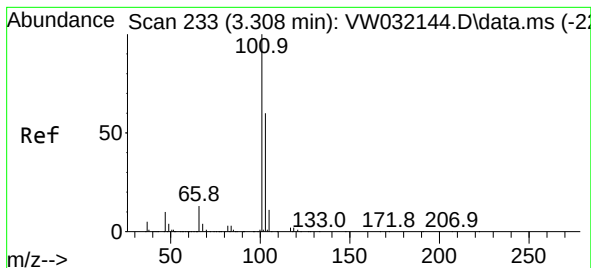
Tgt Ion: 94 Resp: 96048
Ion Ratio Lower Upper
94 100
96 89.6 76.6 115.0



#6
Chloroethane
Concen: 47.700 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 64 Resp: 80311
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.4





#7

Trichlorofluoromethane

Concen: 44.957 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

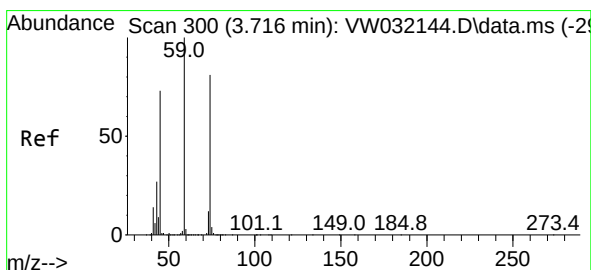
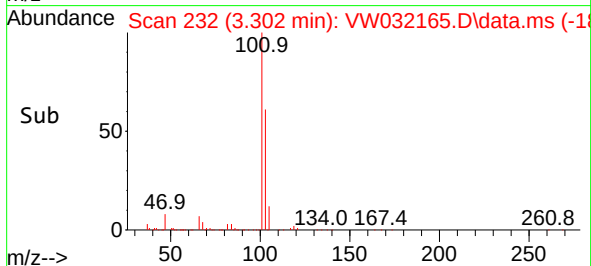
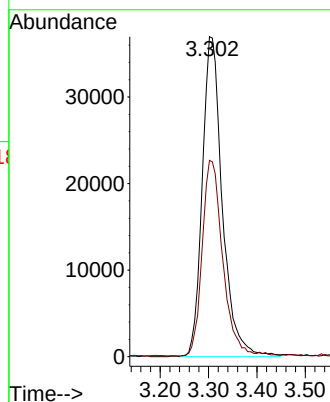
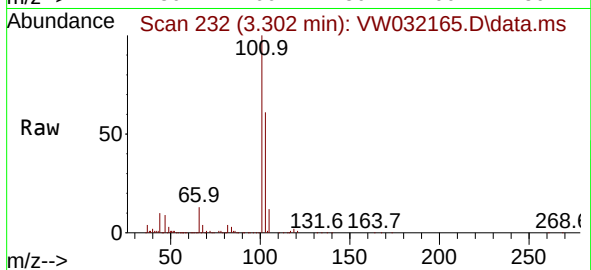
ClientSampleId :

Tgt Ion:101 Resp: 106496

Ion Ratio Lower Upper

101 100

103 61.1 47.8 71.8



#8

Diethyl Ether

Concen: 45.338 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.006 min

Lab File: VW032165.D

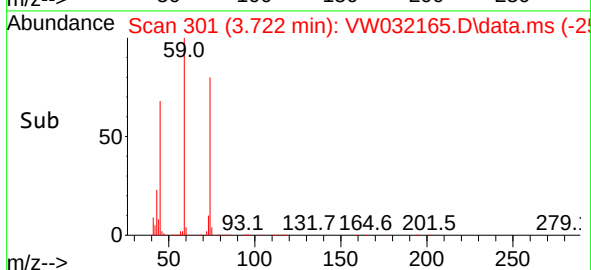
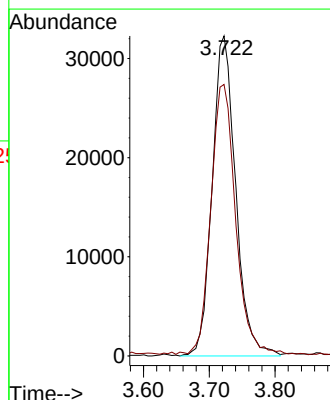
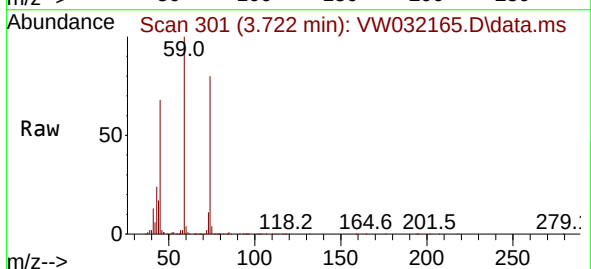
Acq: 15 Sep 2025 09:14

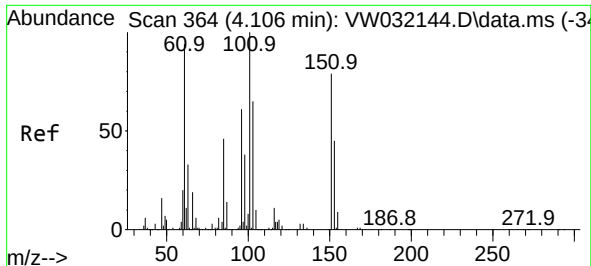
Tgt Ion: 74 Resp: 80147

Ion Ratio Lower Upper

74 100

45 89.4 43.1 129.4

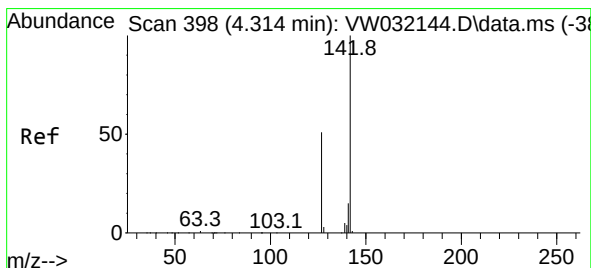
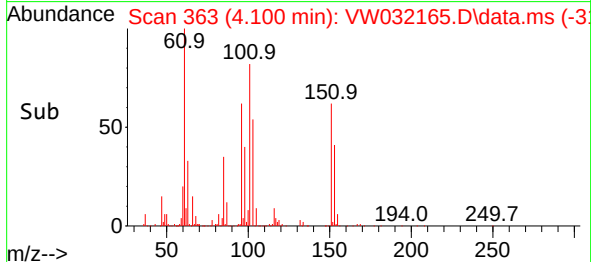
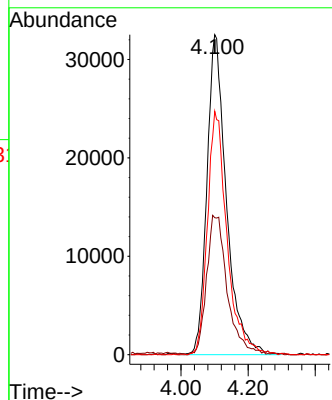
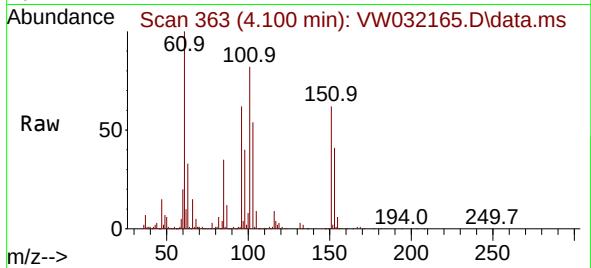




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.152 ug/l
 RT: 4.100 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14

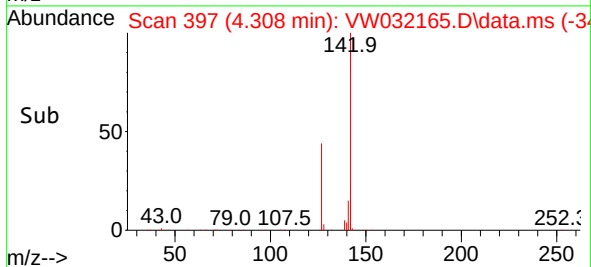
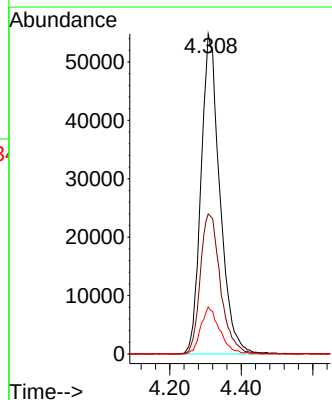
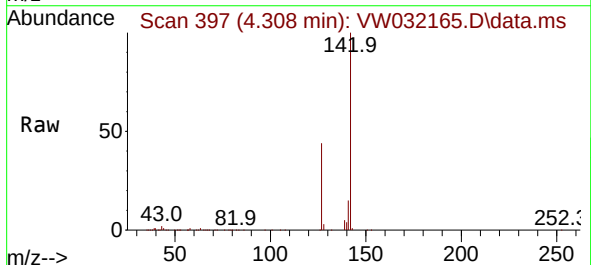
Instrument :
 MSVOA_W
 ClientSampleId :

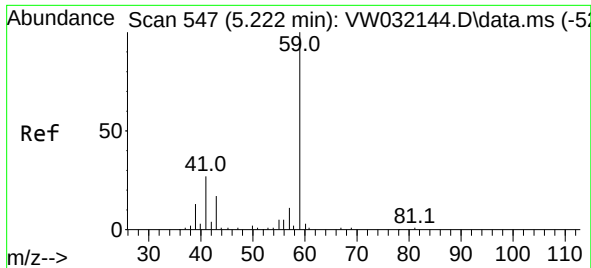
Tgt Ion:101 Resp: 131163
 Ion Ratio Lower Upper
 101 100
 85 46.1 37.1 55.7
 151 76.2 61.5 92.3



#10
 Methyl Iodide
 Concen: 49.260 ug/l
 RT: 4.308 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14

Tgt Ion:142 Resp: 200158
 Ion Ratio Lower Upper
 142 100
 127 46.9 38.2 57.2
 141 14.7 12.2 18.2

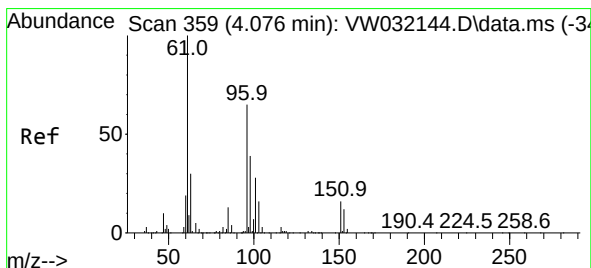
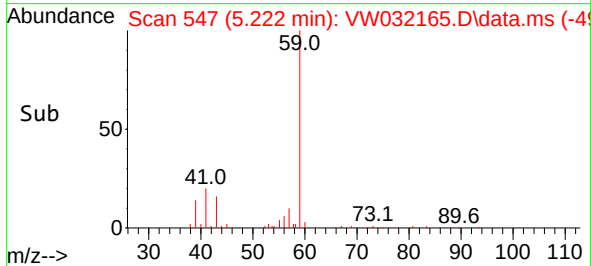
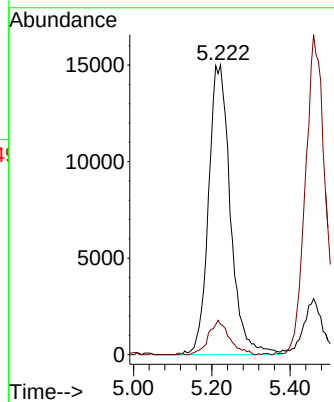
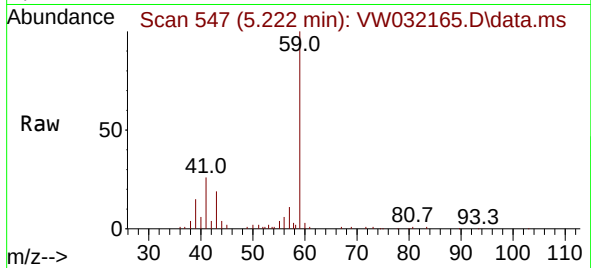




#11
Tert butyl alcohol
Concen: 250.072 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

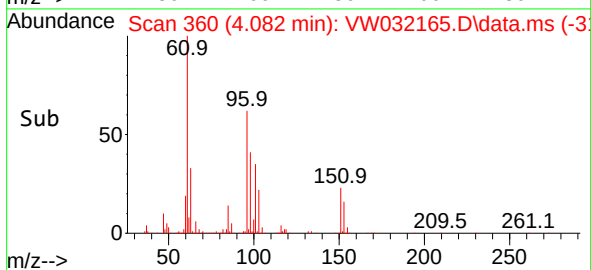
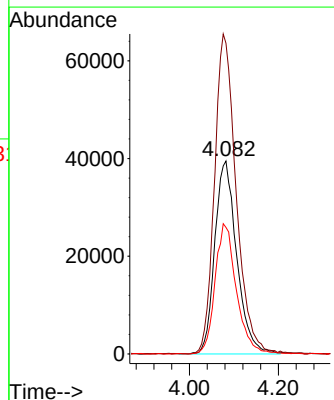
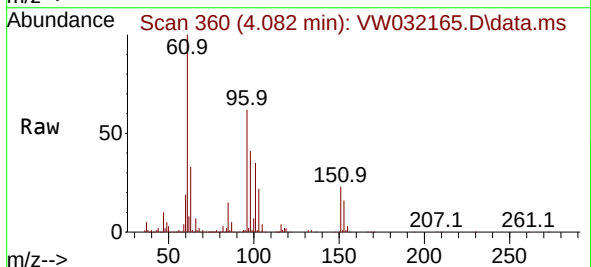
Instrument :
MSVOA_W
ClientSampleId :

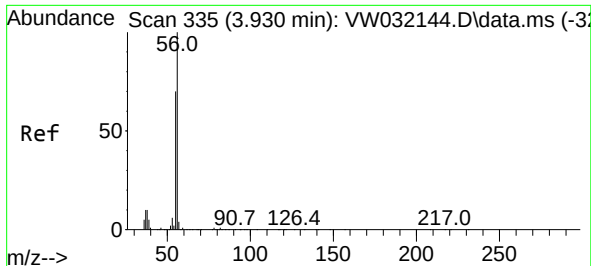
Tgt Ion: 59 Resp: 58169
Ion Ratio Lower Upper
59 100
57 11.3 9.8 14.6



#12
1,1-Dichloroethene
Concen: 48.131 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 96 Resp: 135264
Ion Ratio Lower Upper
96 100
61 160.7 123.0 184.4
98 65.4 48.5 72.7

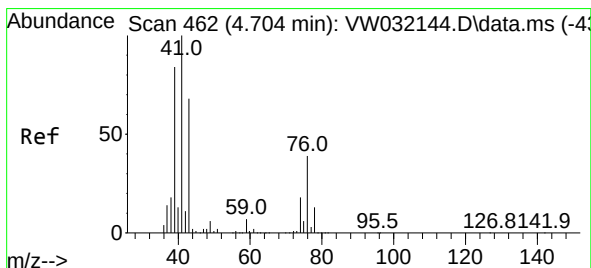
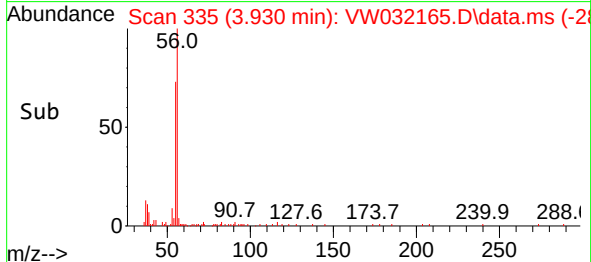
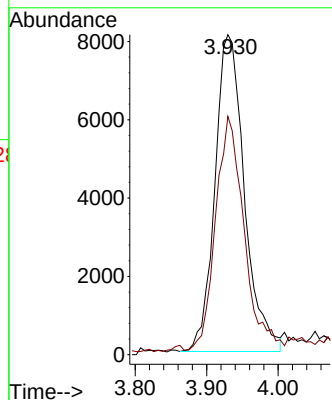
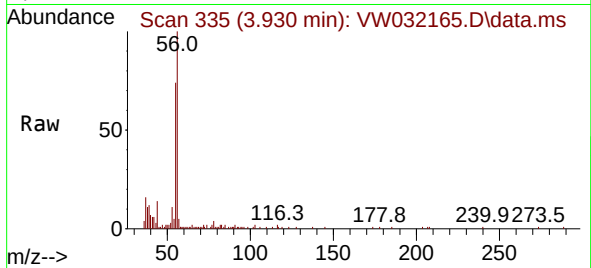




#13
Acrolein
Concen: 64.806 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

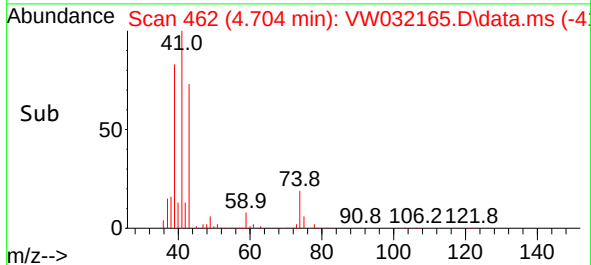
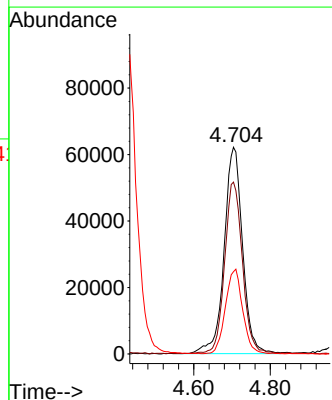
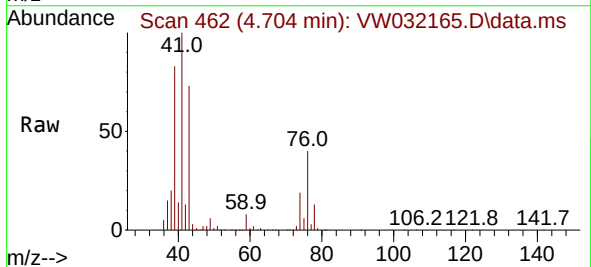
Instrument :
MSVOA_W
ClientSampleId :

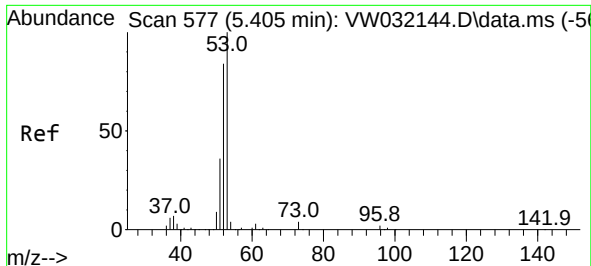
Tgt Ion: 56 Resp: 23172
Ion Ratio Lower Upper
56 100
55 71.0 56.4 84.6



#14
Allyl chloride
Concen: 52.164 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

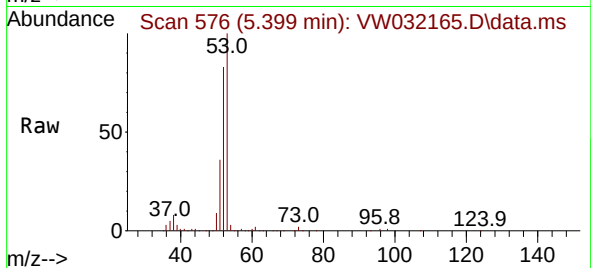
Tgt Ion: 41 Resp: 208233
Ion Ratio Lower Upper
41 100
39 80.1 64.1 96.1
76 37.9 31.4 47.2



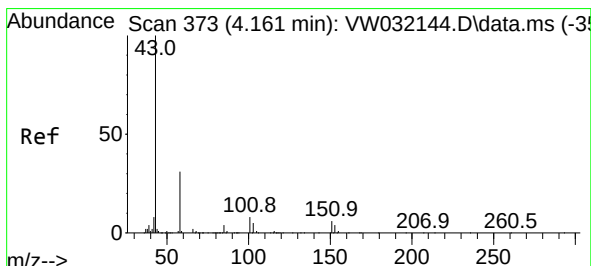
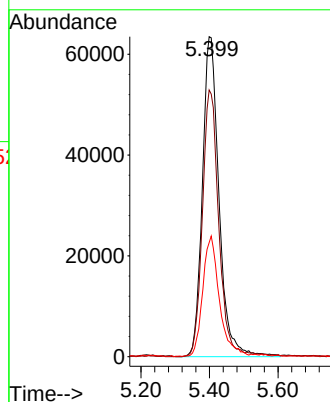
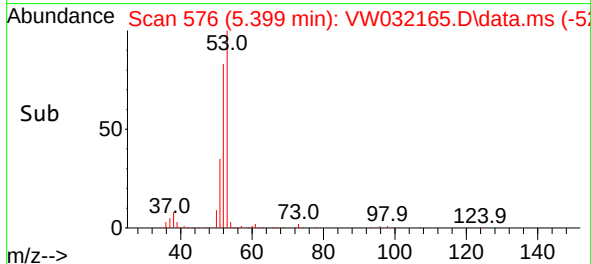


#15
Acrylonitrile
Concen: 249.961 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Instrument :
MSVOA_W
ClientSampleId :

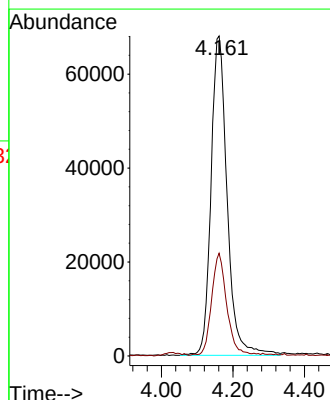
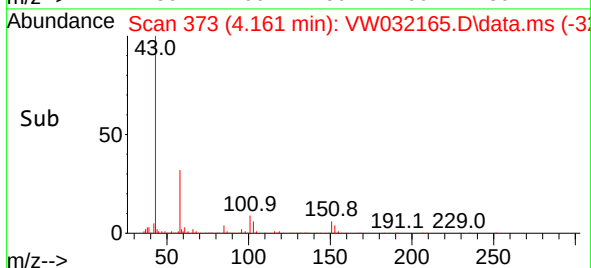
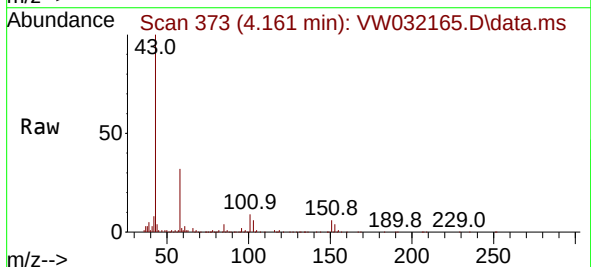


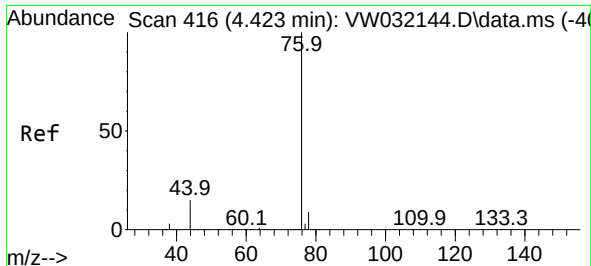
Tgt Ion: 53 Resp: 214832
Ion Ratio Lower Upper
53 100
52 81.8 67.4 101.2
51 37.5 30.3 45.5



#16
Acetone
Concen: 258.408 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 43 Resp: 212820
Ion Ratio Lower Upper
43 100
58 31.8 25.3 37.9

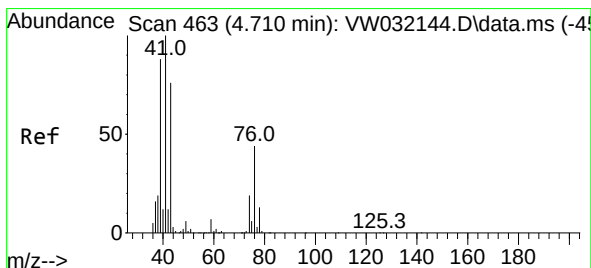
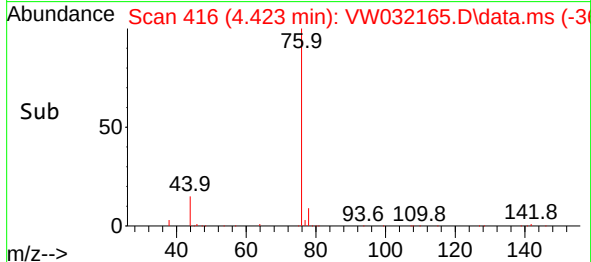
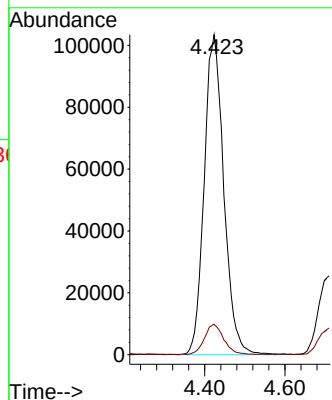
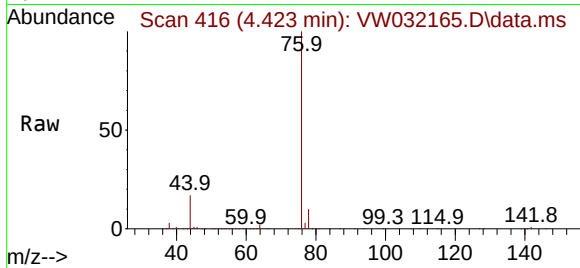




#17
Carbon Disulfide
Concen: 50.011 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

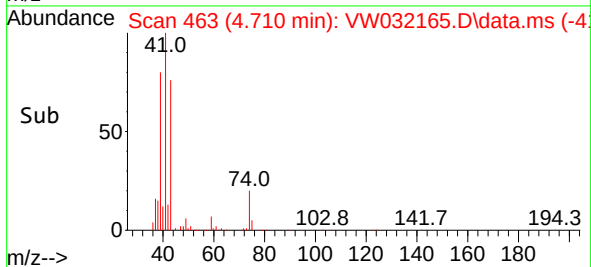
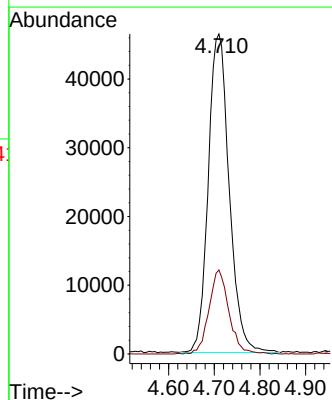
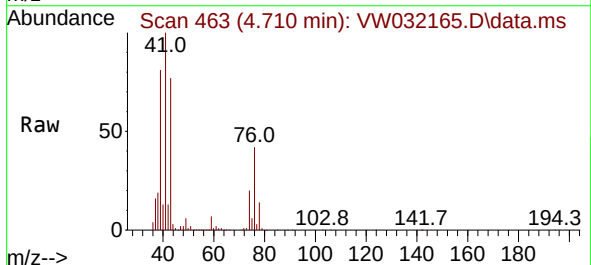
Instrument :
MSVOA_W
ClientSampleId :

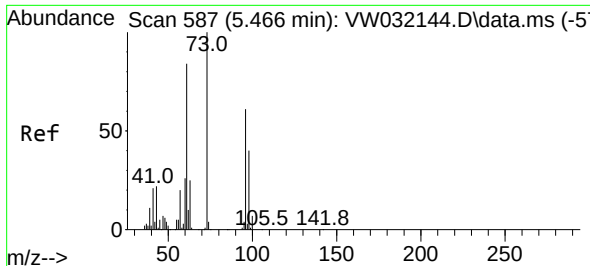
Tgt Ion: 76 Resp: 351521
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 56.282 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 43 Resp: 147689
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 51.607 ug/l

RT: 5.466 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

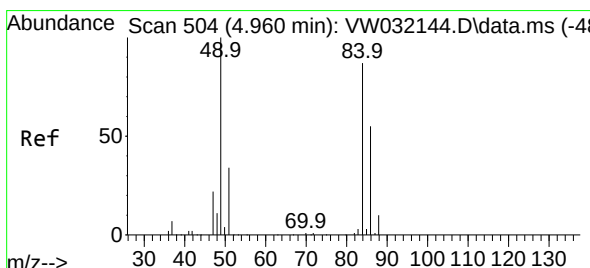
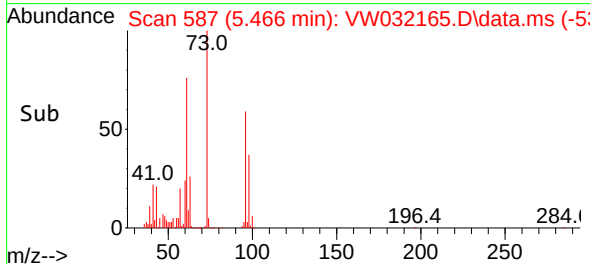
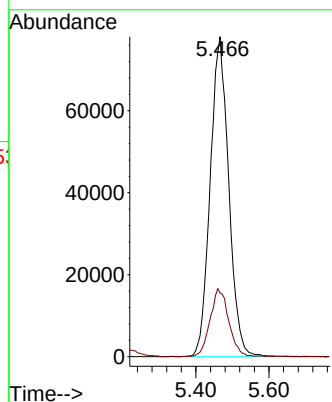
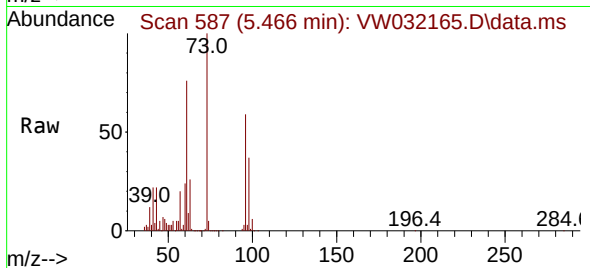
ClientSampleId :

Tgt Ion: 73 Resp: 273870

Ion Ratio Lower Upper

73 100

57 19.9 16.2 24.4



#20

Methylene Chloride

Concen: 48.275 ug/l

RT: 4.948 min Scan# 502

Delta R.T. -0.012 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Tgt Ion: 84 Resp: 163325

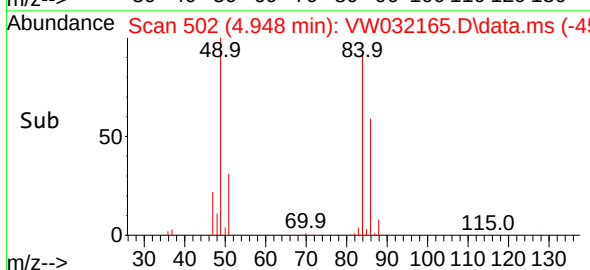
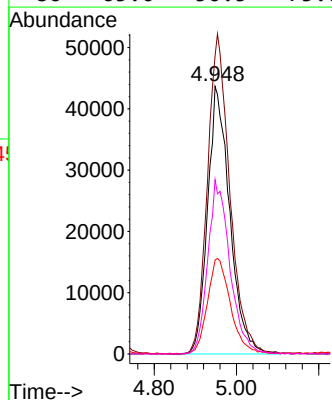
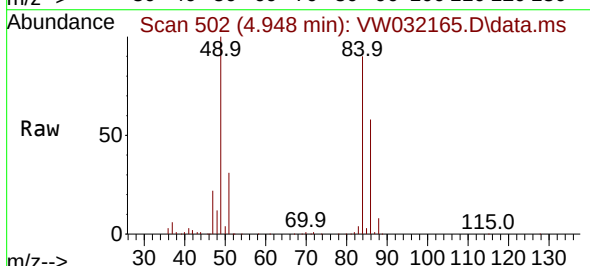
Ion Ratio Lower Upper

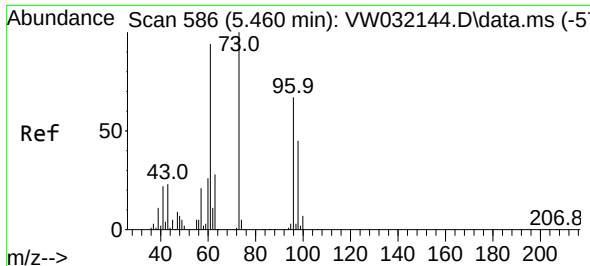
84 100

49 111.4 92.2 138.4

51 35.1 31.0 46.6

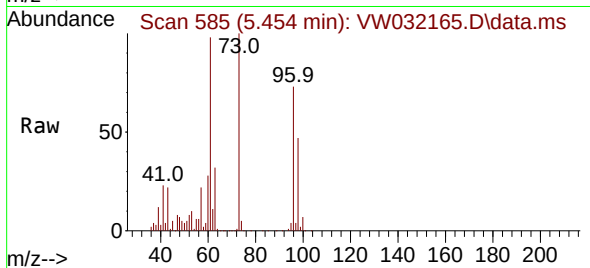
86 65.0 50.5 75.7



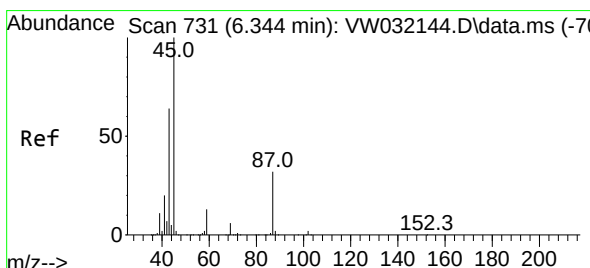
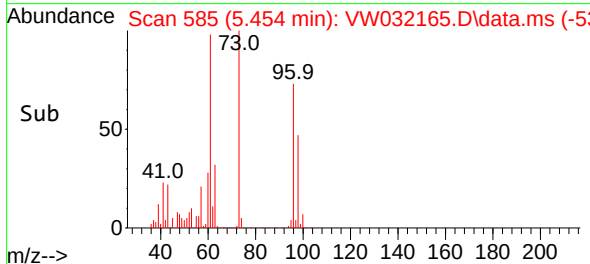
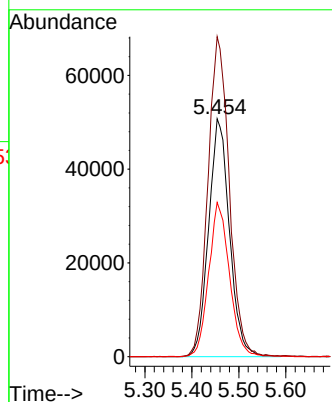


#21
trans-1,2-Dichloroethene
Concen: 49.786 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Instrument :
MSVOA_W
ClientSampleId :

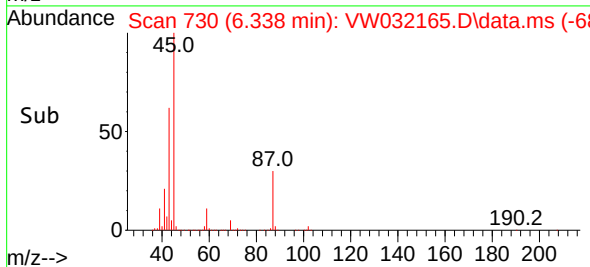
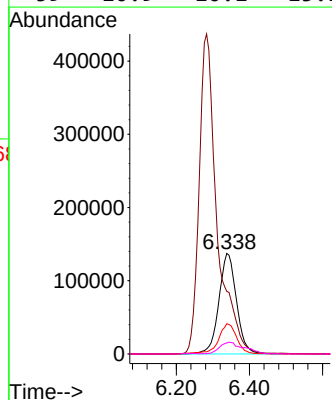
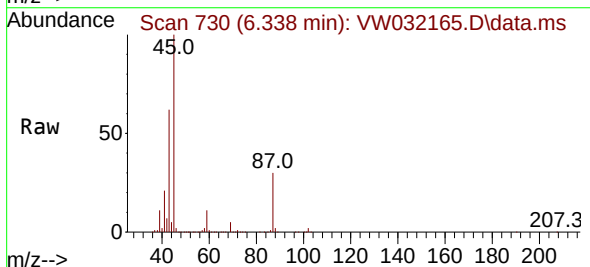


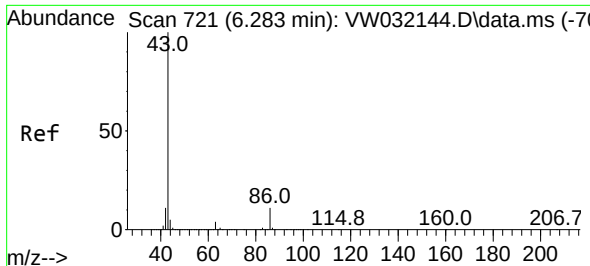
Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.4	112.5	168.7
98	64.8	54.2	81.4



#22
Diisopropyl ether
Concen: 52.955 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.2	51.4	77.2
87	30.0	25.9	38.9
59	10.9	10.1	15.1

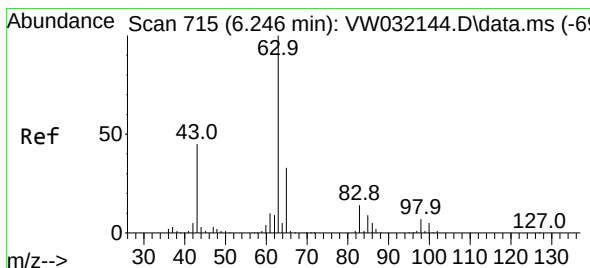
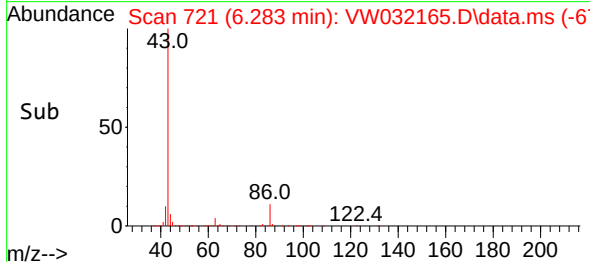
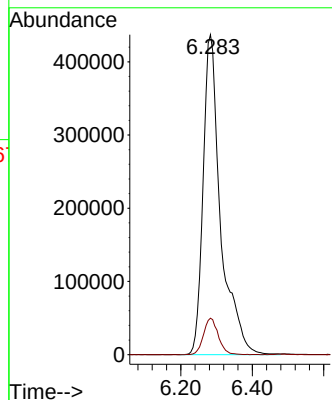
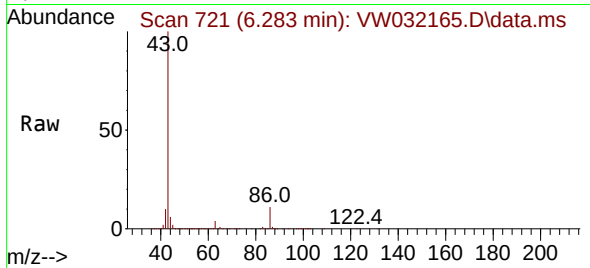




#23
 Vinyl Acetate
 Concen: 251.680 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14

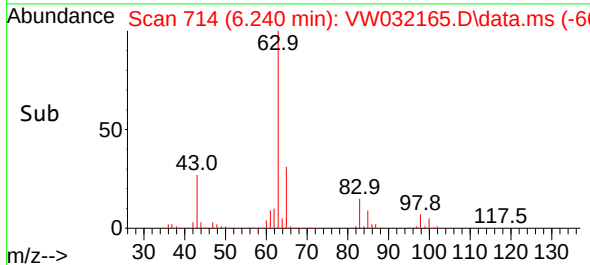
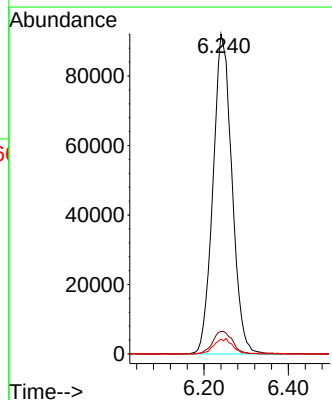
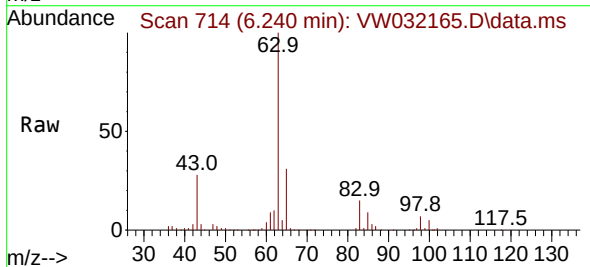
Instrument :
 MSVOA_W
 ClientSampleId :

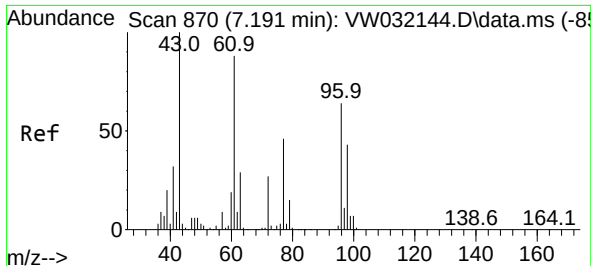
Tgt Ion: 43 Resp: 1486673
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 50.477 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14

Tgt Ion: 63 Resp: 287107
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.7 2.5 7.5

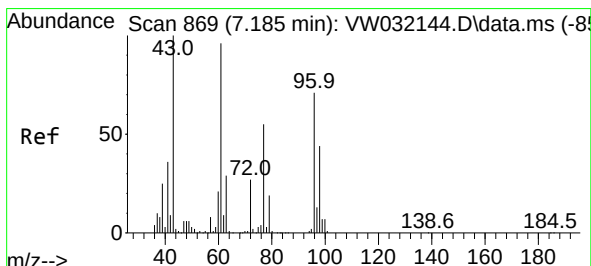
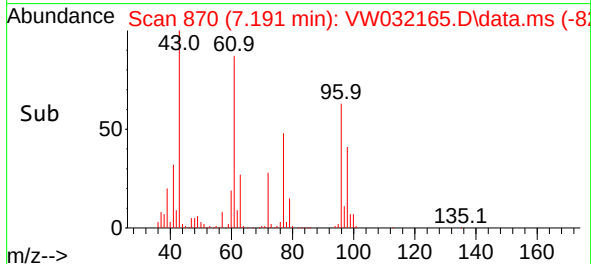
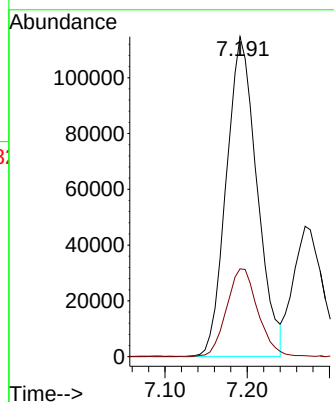
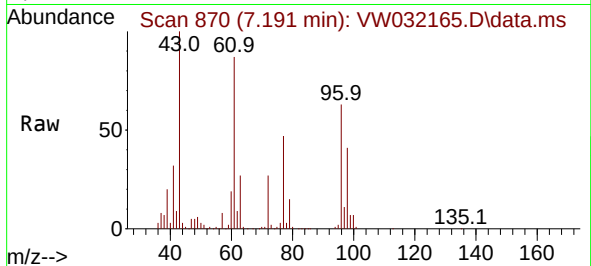




#25
2-Butanone
Concen: 254.387 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

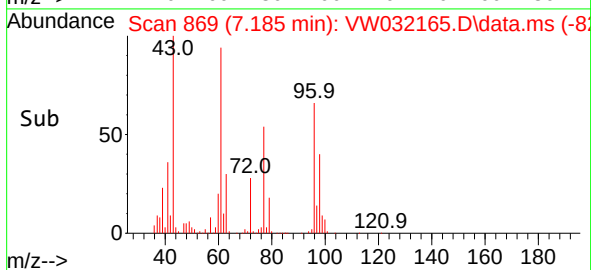
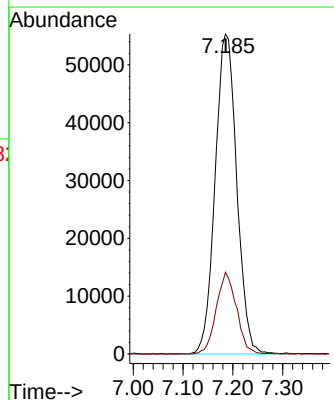
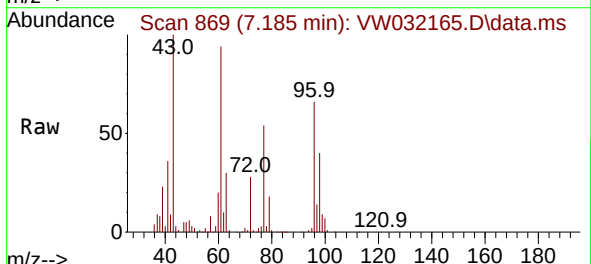
Instrument :
MSVOA_W
ClientSampleId :

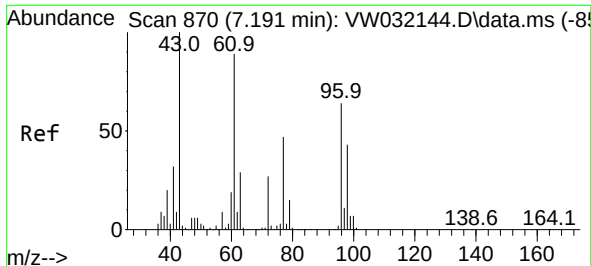
Tgt Ion: 43 Resp: 296880
Ion Ratio Lower Upper
43 100
72 27.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 55.267 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 77 Resp: 166469
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.369 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :

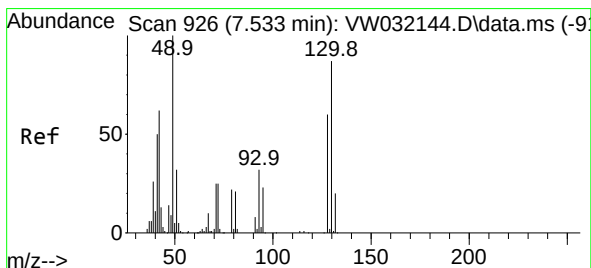
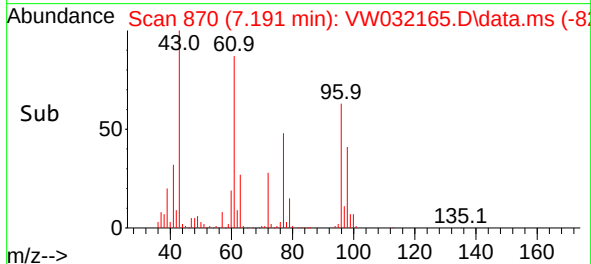
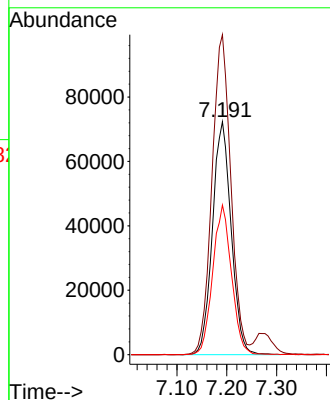
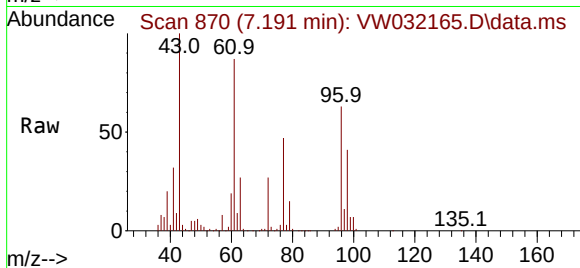
Tgt Ion: 96 Resp: 188599

Ion Ratio Lower Upper

96 100

61 138.7 0.0 268.0

98 64.4 0.0 130.8



#28

Bromochloromethane

Concen: 47.650 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

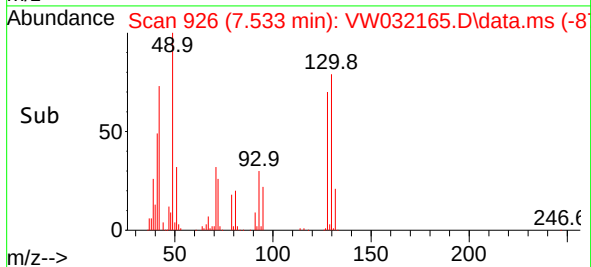
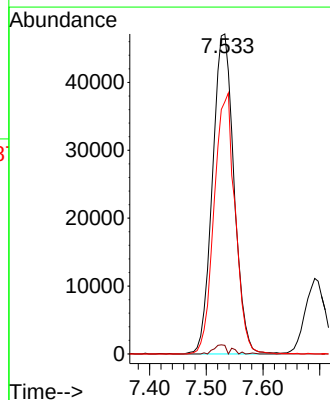
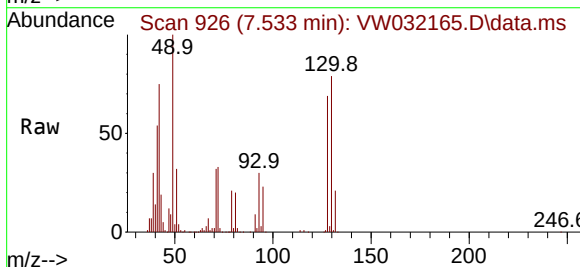
Tgt Ion: 49 Resp: 124066

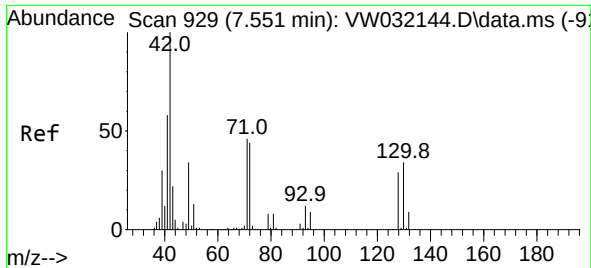
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.2

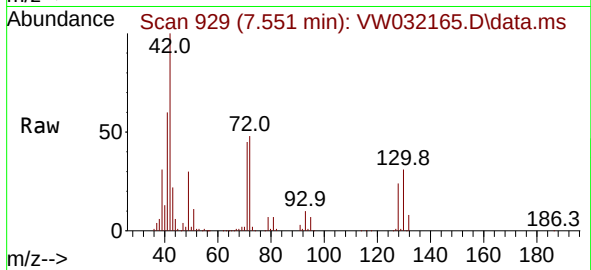
130 79.6 67.5 101.3



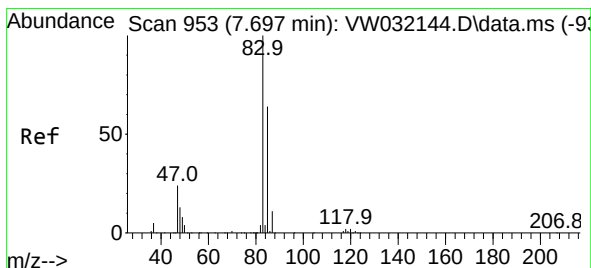
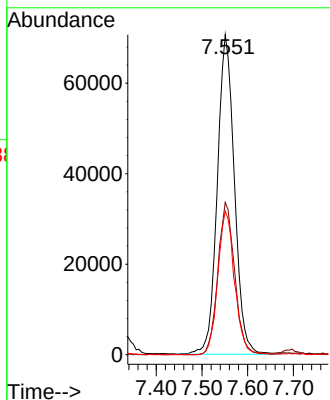
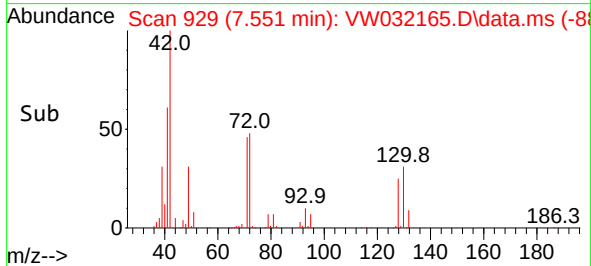


#29
Tetrahydrofuran
Concen: 248.144 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Instrument :
MSVOA_W
ClientSampleId :

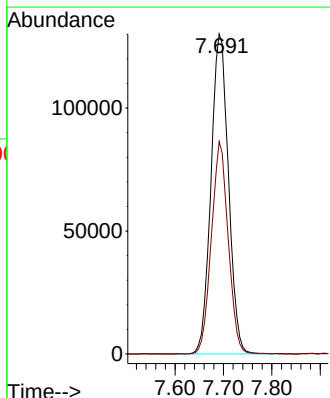
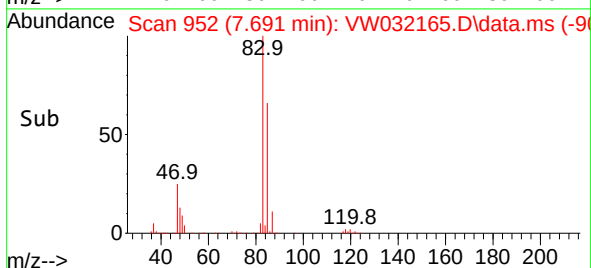
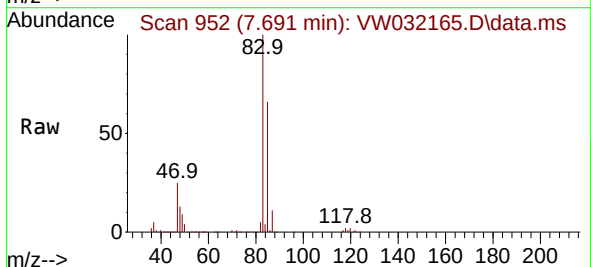


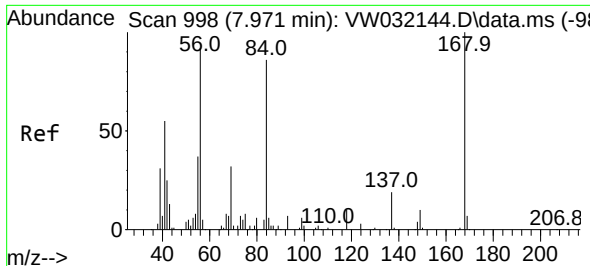
Tgt Ion: 42 Resp: 184026
Ion Ratio Lower Upper
42 100
72 46.9 37.4 56.2
71 43.8 36.0 54.0



#30
Chloroform
Concen: 50.212 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 83 Resp: 326076
Ion Ratio Lower Upper
83 100
85 66.2 51.2 76.8

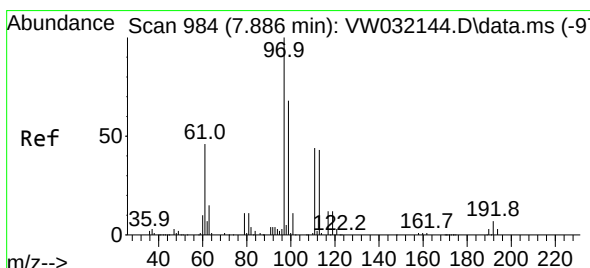
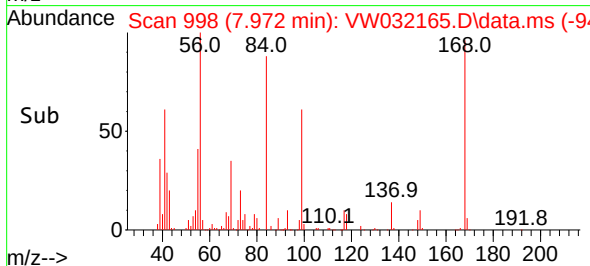
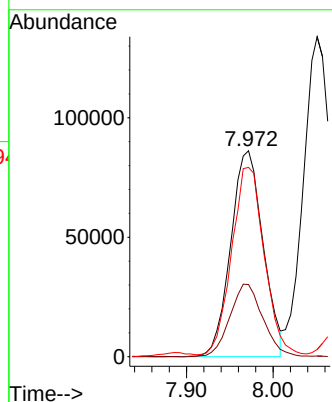
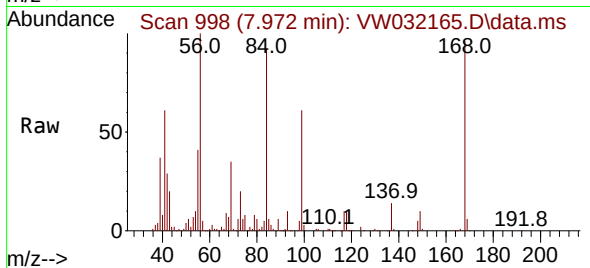




#31
Cyclohexane
Concen: 47.842 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

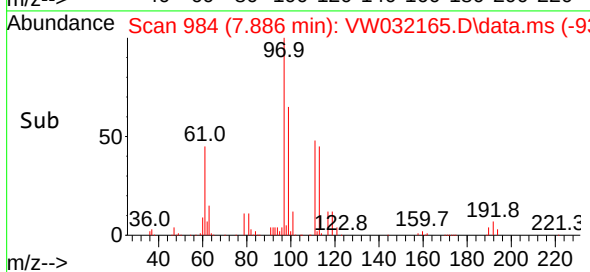
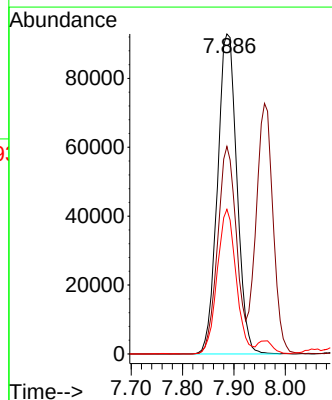
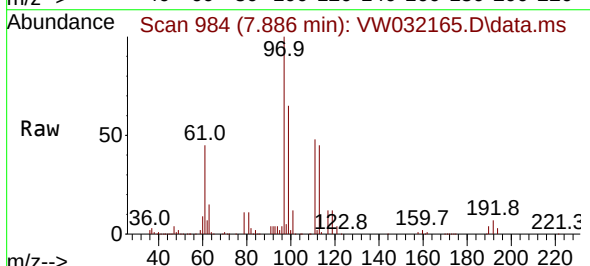
Instrument :
MSVOA_W
ClientSampleId :

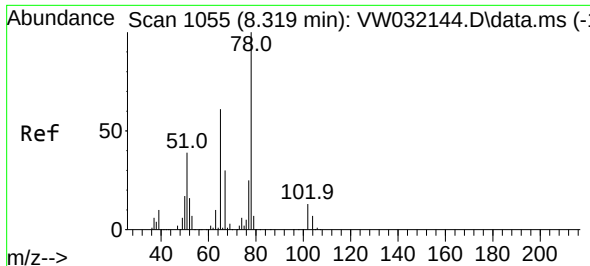
Tgt Ion: 56 Resp: 223348
Ion Ratio Lower Upper
56 100
69 35.1 27.7 41.5
84 89.9 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 51.426 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 97 Resp: 243789
Ion Ratio Lower Upper
97 100
99 62.8 50.9 76.3
61 44.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 47.450 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

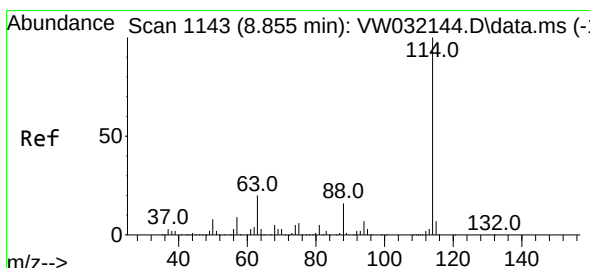
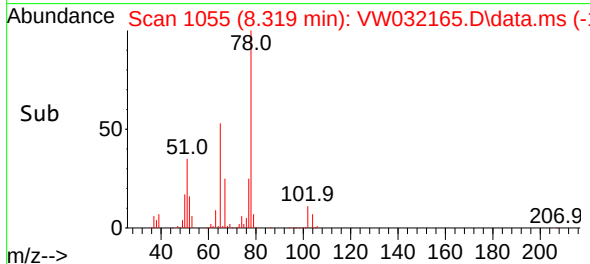
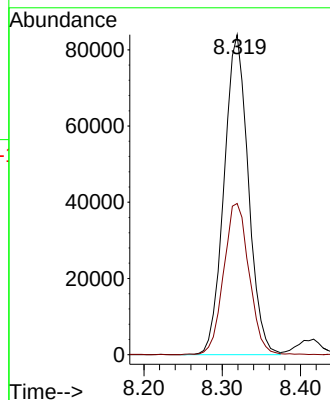
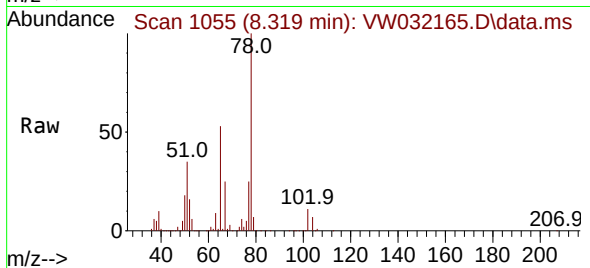
ClientSampleId :

Tgt Ion: 65 Resp: 180444

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

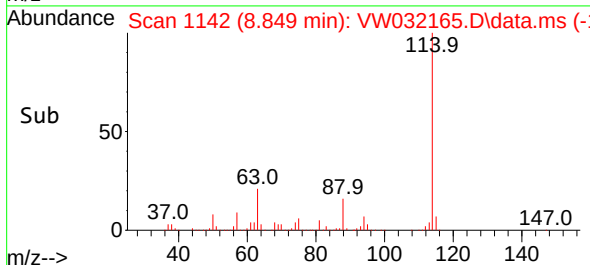
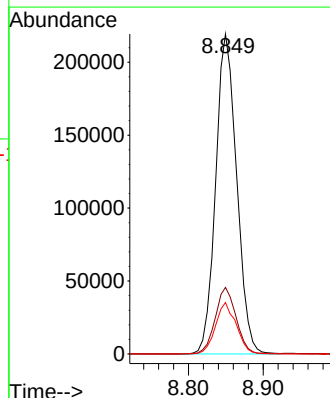
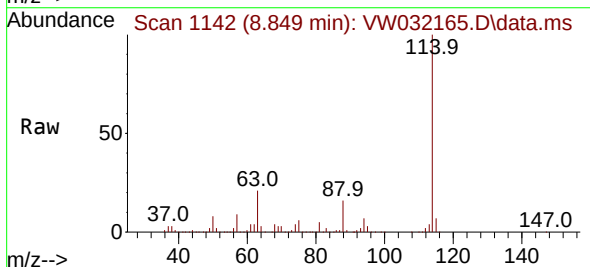
Tgt Ion: 114 Resp: 427744

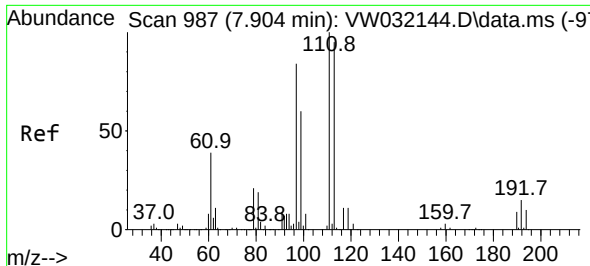
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

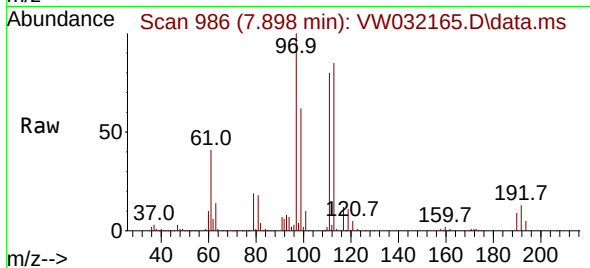
88 16.0 0.0 32.0



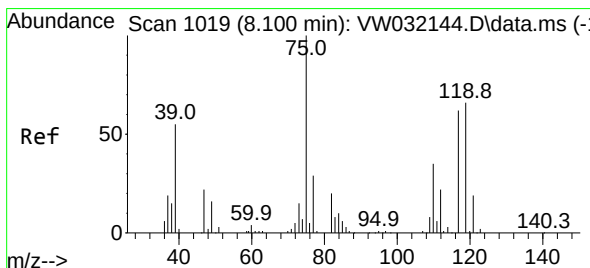
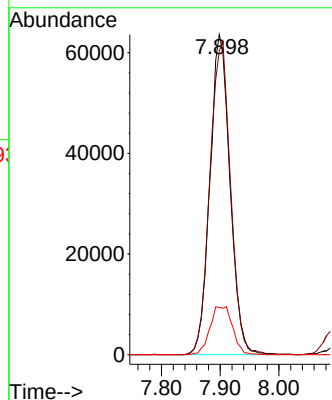
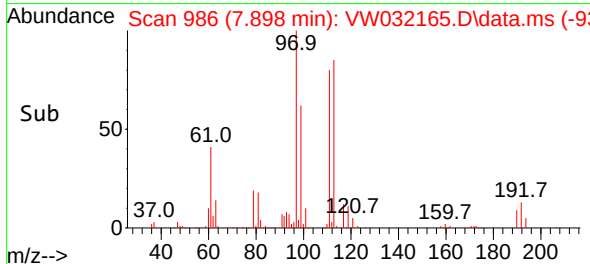


#35
 Dibromofluoromethane
 Concen: 50.320 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14

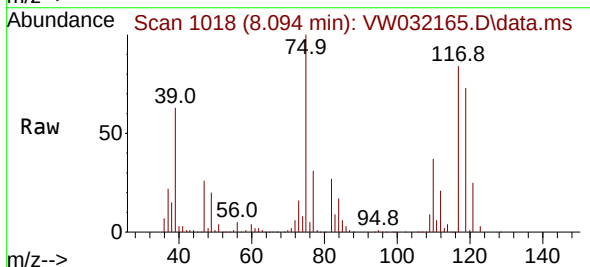
Instrument :
 MSVOA_W
 ClientSampleId :



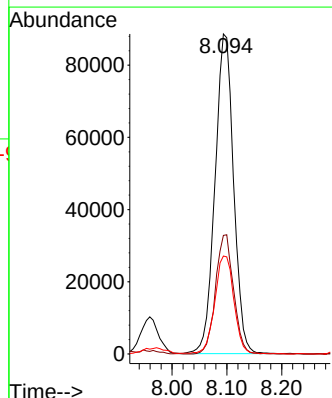
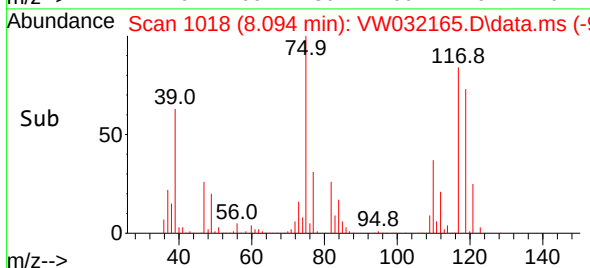
Tgt Ion:113 Resp: 151011
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.9 125.9
 192 16.9 14.6 21.8

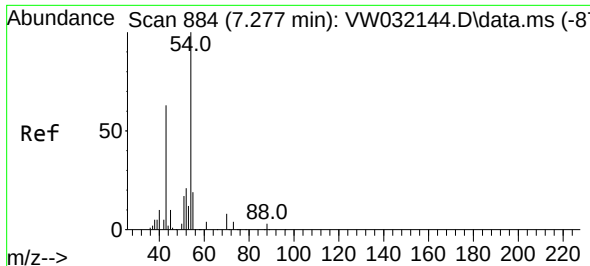


#36
 1,1-Dichloropropene
 Concen: 53.687 ug/l
 RT: 8.094 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14



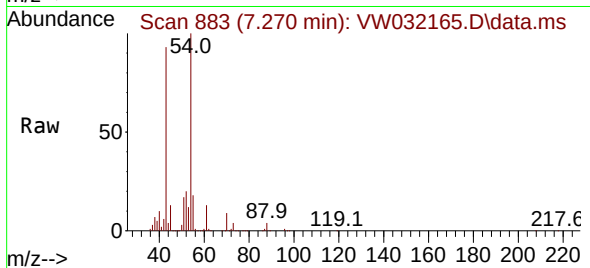
Tgt Ion: 75 Resp: 208897
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.5 52.5
 77 31.4 24.1 36.1





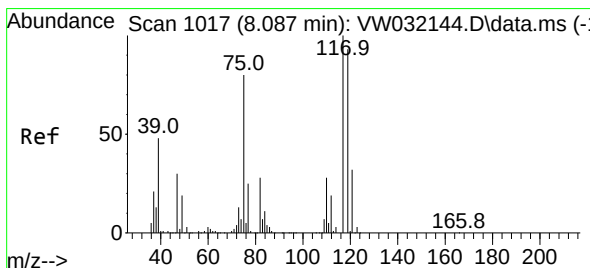
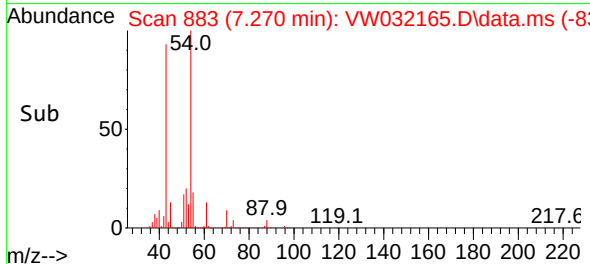
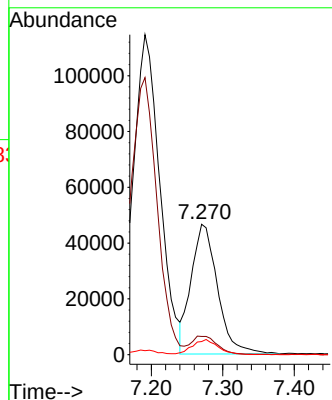
#37
Ethyl Acetate
Concen: 51.139 ug/l
RT: 7.270 min Scan# 81
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 119368

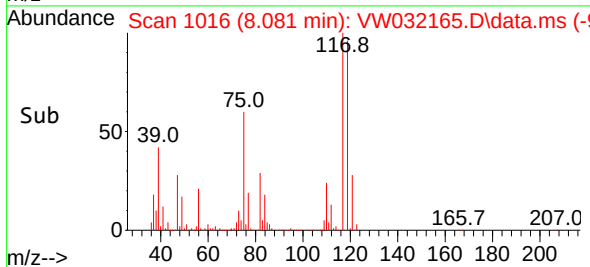
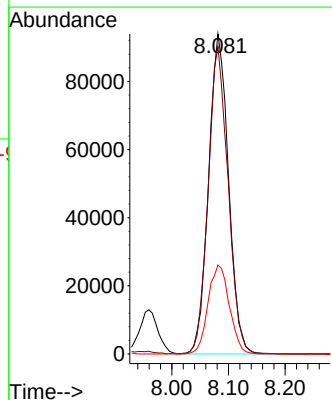
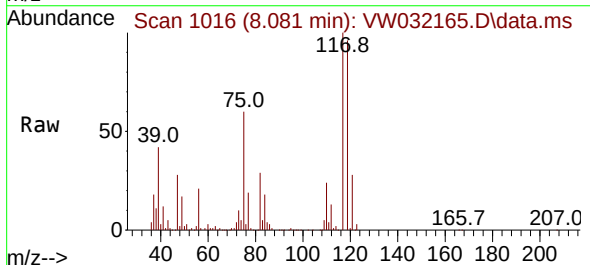
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	11.1	8.9	13.3

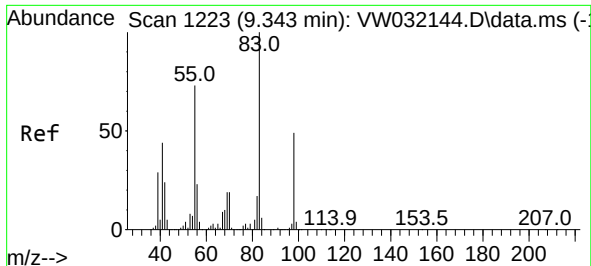


#38
Carbon Tetrachloride
Concen: 55.015 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 117 Resp: 229482

Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.2	111.2
121	27.8	25.6	38.4

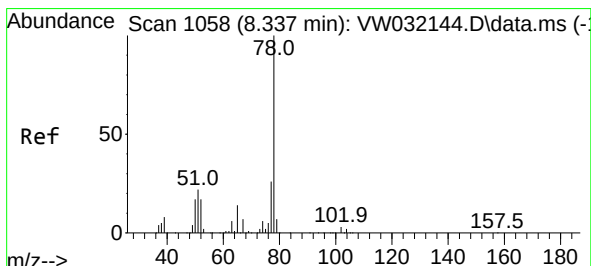
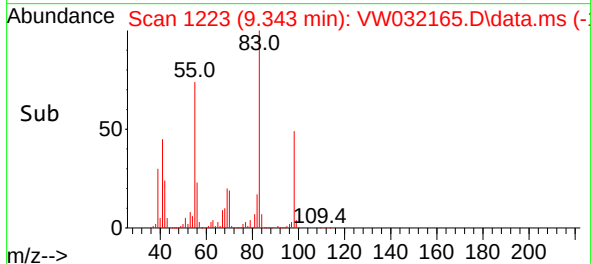
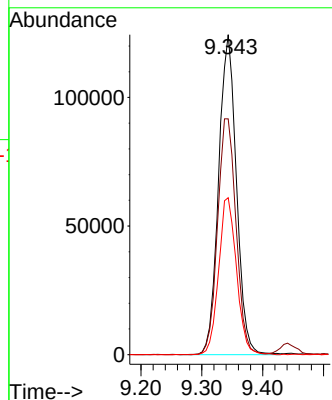
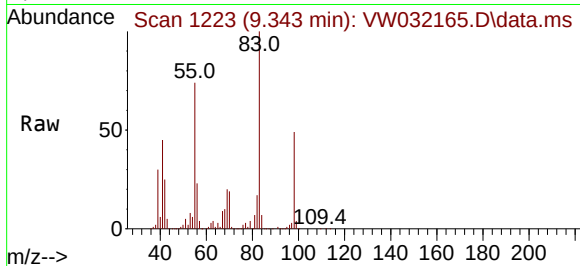




#39
Methylcyclohexane
Concen: 54.768 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

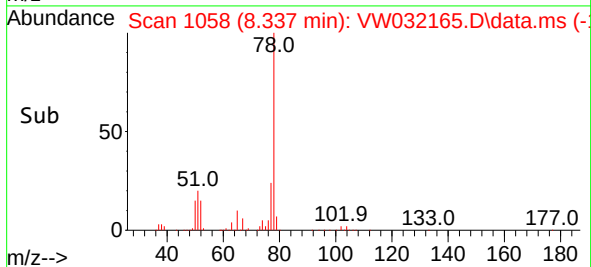
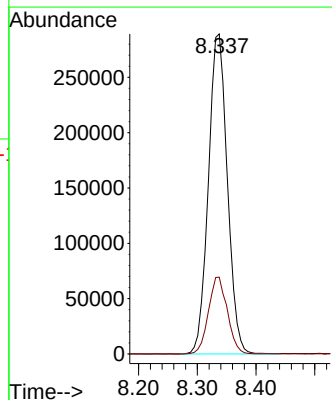
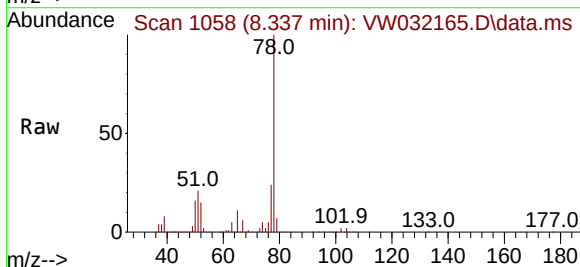
Instrument :
MSVOA_W
ClientSampleId :

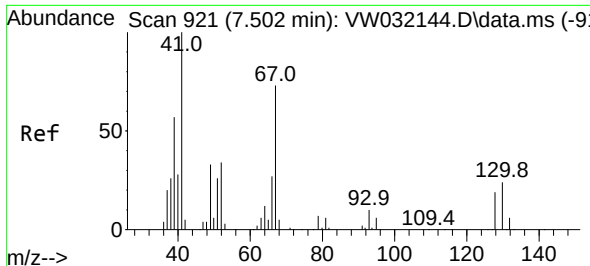
Tgt Ion: 83 Resp: 252414
Ion Ratio Lower Upper
83 100
55 73.6 58.4 87.6
98 49.1 39.4 59.2



#40
Benzene
Concen: 53.980 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 78 Resp: 649258
Ion Ratio Lower Upper
78 100
77 24.0 20.7 31.1

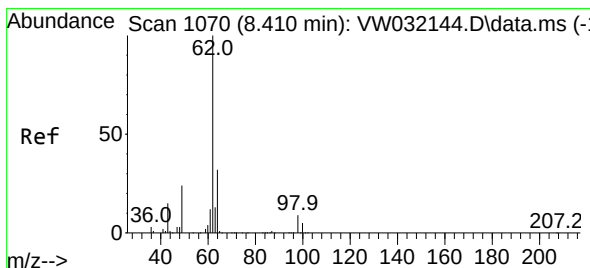
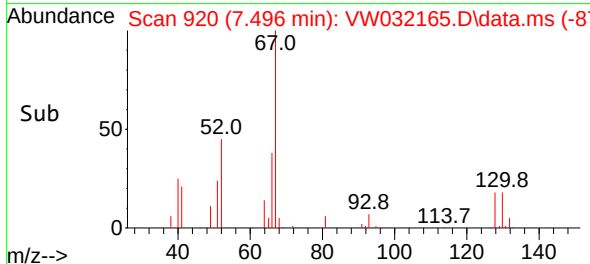
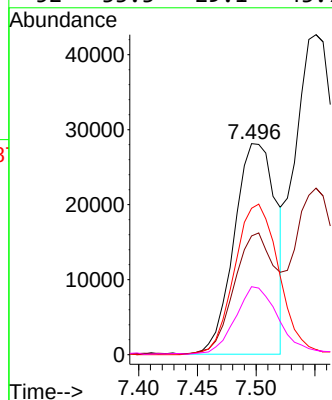
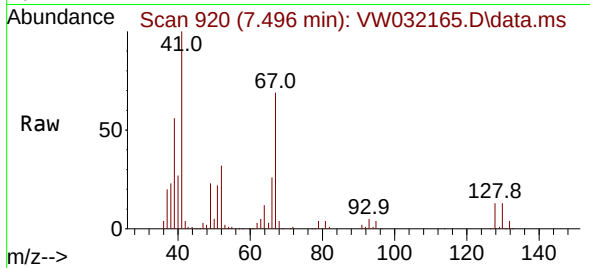




#41
Methacrylonitrile
Concen: 53.749 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

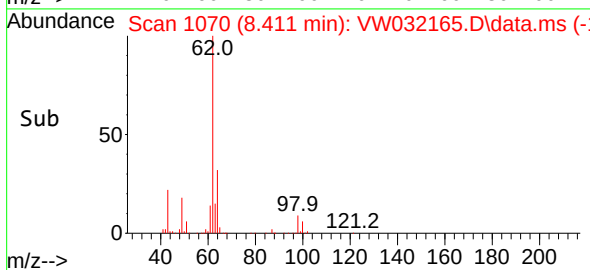
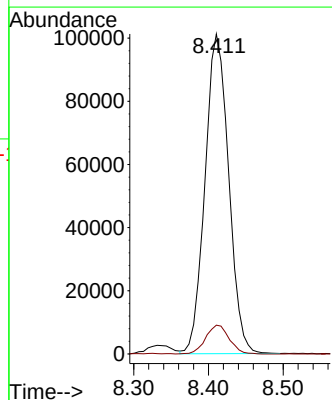
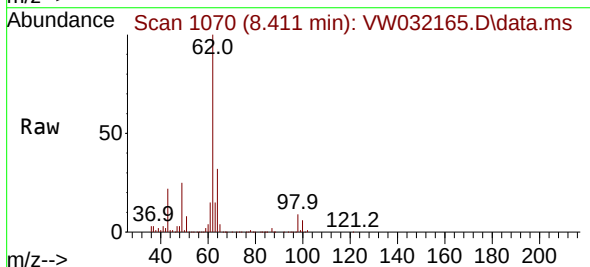
Instrument :
MSVOA_W
ClientSampleId :

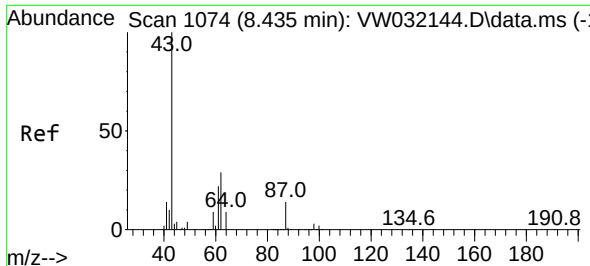
Tgt Ion:	41	Resp:	69704
Ion	Ratio	Lower	Upper
41	100		
39	55.9	50.9	76.3
67	76.7	65.6	98.4
52	33.3	29.1	43.7



#42
1,2-Dichloroethane
Concen: 53.338 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

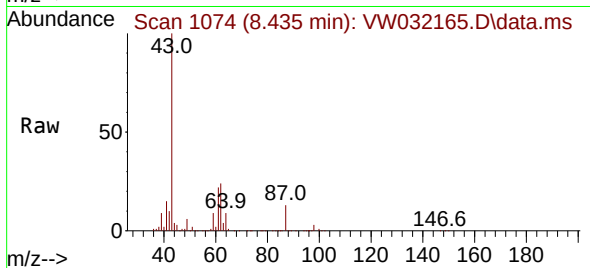
Tgt Ion:	62	Resp:	222400
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0



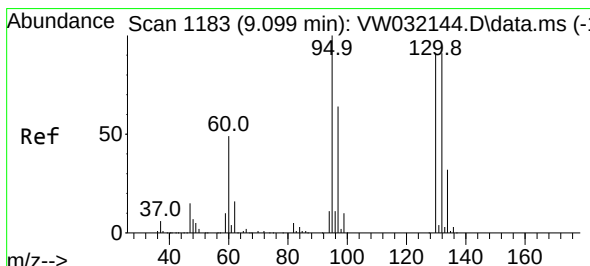
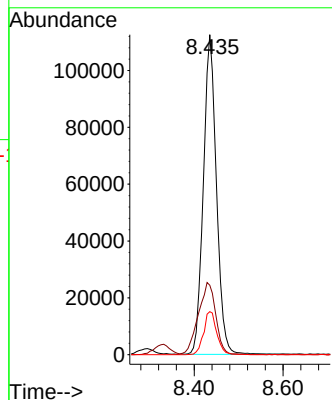
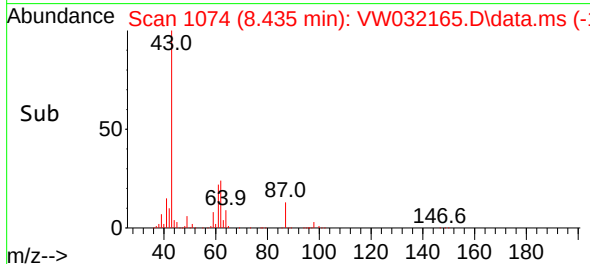


#43
Isopropyl Acetate
Concen: 52.677 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Instrument :
MSVOA_W
ClientSampleId :

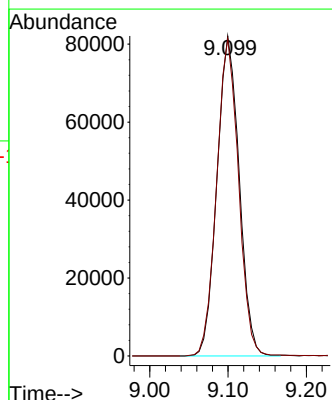
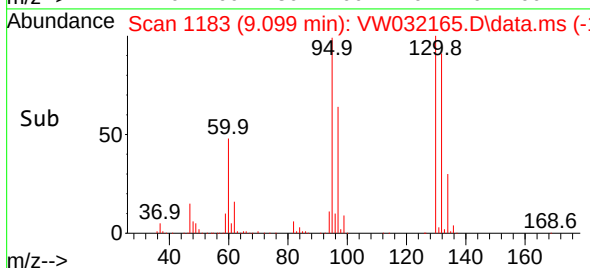
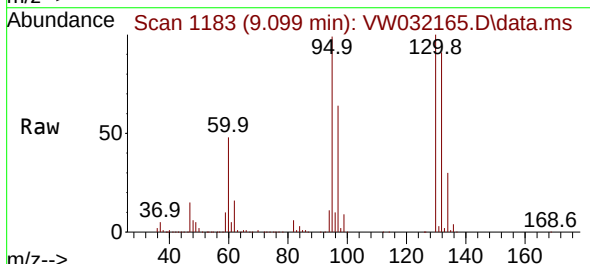


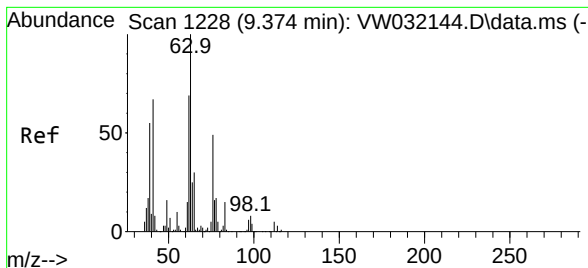
Tgt Ion: 43 Resp: 230673
Ion Ratio Lower Upper
43 100
61 29.9 23.3 34.9
87 13.6 11.1 16.7



#44
Trichloroethene
Concen: 53.520 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion:130 Resp: 161885
Ion Ratio Lower Upper
130 100
95 99.1 0.0 220.0





#45

1,2-Dichloropropane

Concen: 53.905 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

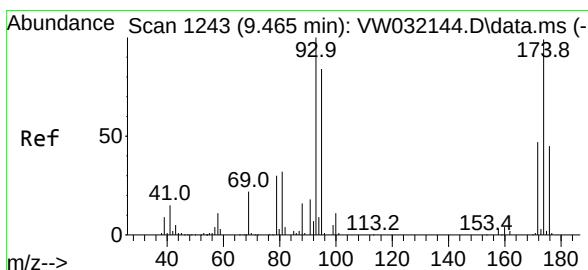
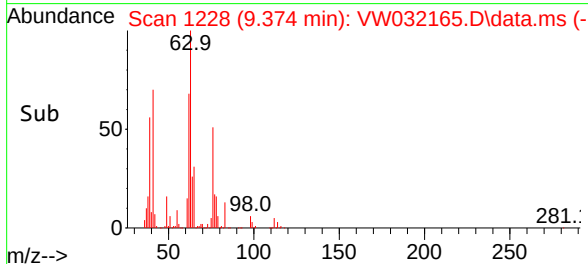
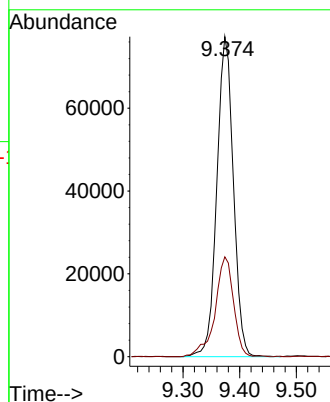
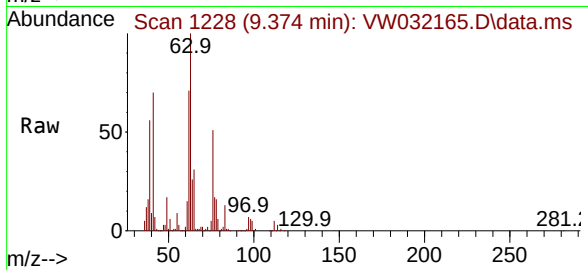
ClientSampleId :

Tgt Ion: 63 Resp: 156295

Ion Ratio Lower Upper

63 100

65 31.2 24.3 36.5



#46

Dibromomethane

Concen: 51.931 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

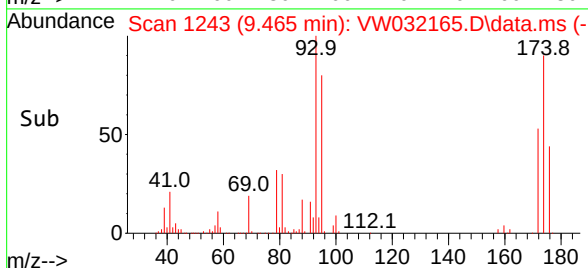
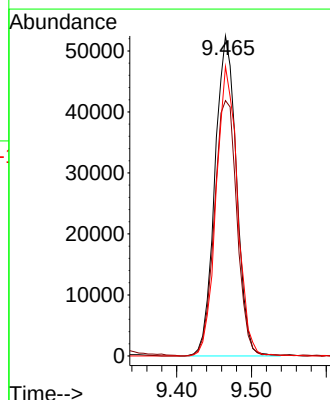
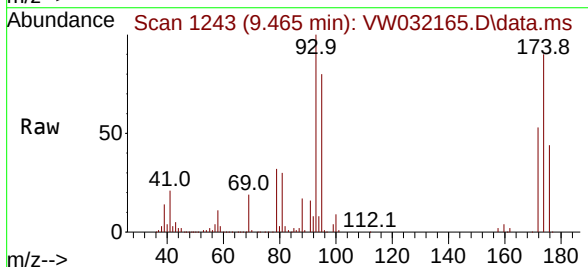
Tgt Ion: 93 Resp: 105609

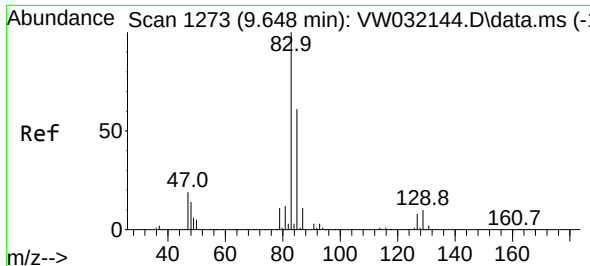
Ion Ratio Lower Upper

93 100

95 83.7 67.4 101.2

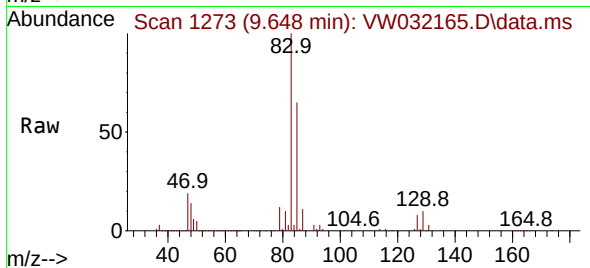
174 88.9 75.7 113.5



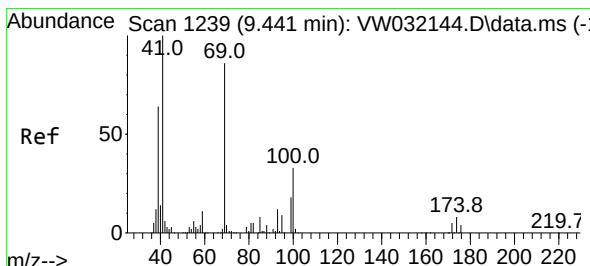
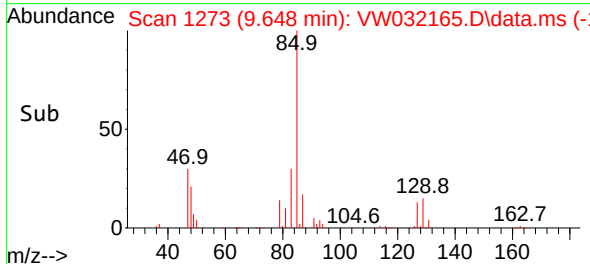
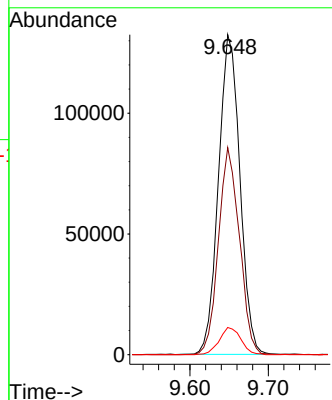


#47
Bromodichloromethane
Concen: 54.539 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Instrument :
MSVOA_W
ClientSampleId :

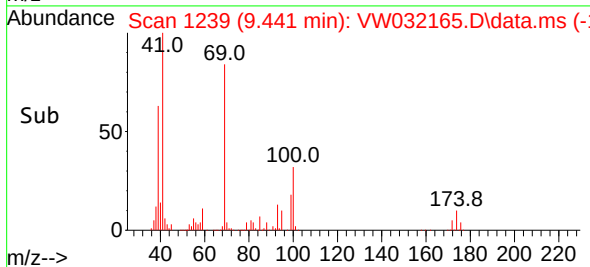
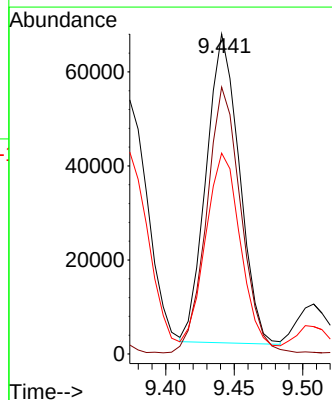
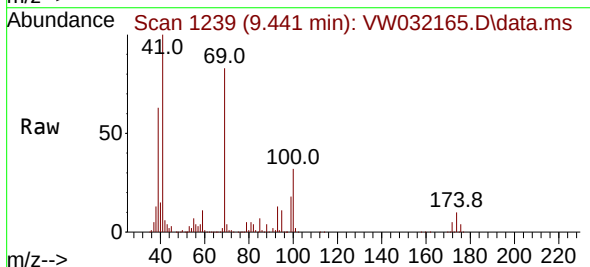


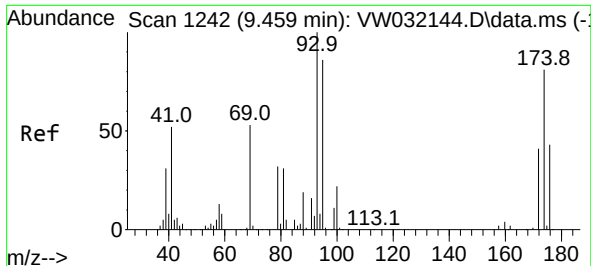
Tgt Ion: 83 Resp: 252049
Ion Ratio Lower Upper
83 100
85 64.7 48.7 73.1
127 8.5 6.4 9.6



#48
Methyl methacrylate
Concen: 54.636 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 41 Resp: 110258
Ion Ratio Lower Upper
41 100
69 89.8 71.5 107.3
39 64.8 55.9 83.9





#49

1,4-Dioxane

Concen: 1067.917 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :

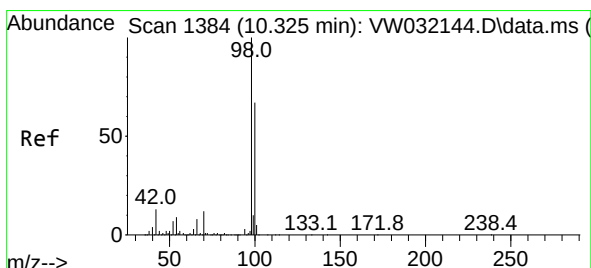
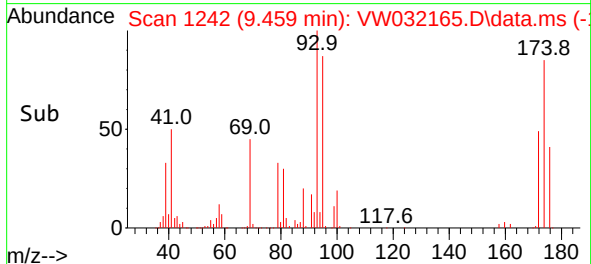
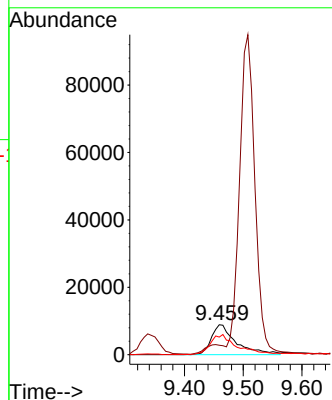
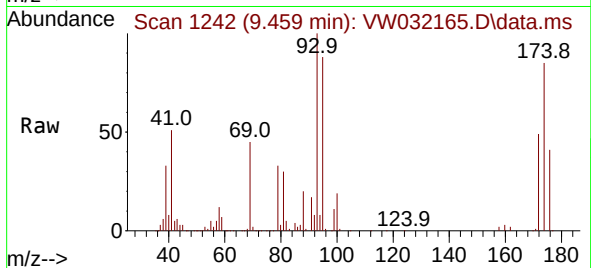
Tgt Ion: 88 Resp: 26240

Ion Ratio Lower Upper

88 100

43 23.1 18.0 27.0

58 71.6 55.4 83.0



#50

Toluene-d8

Concen: 51.385 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032165.D

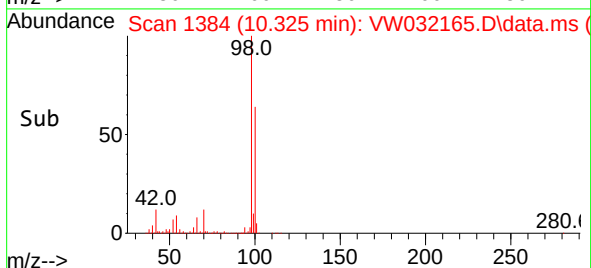
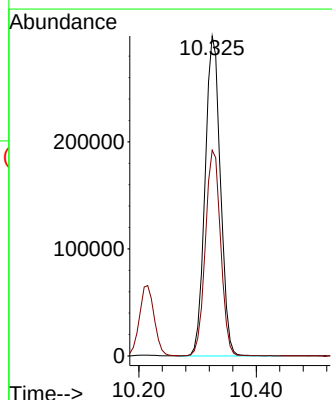
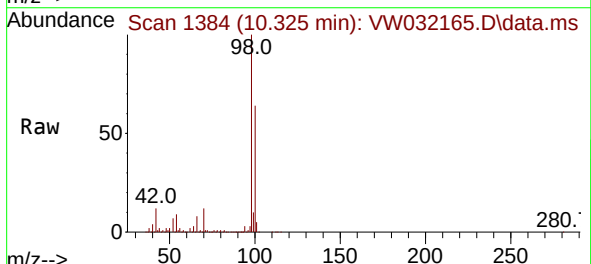
Acq: 15 Sep 2025 09:14

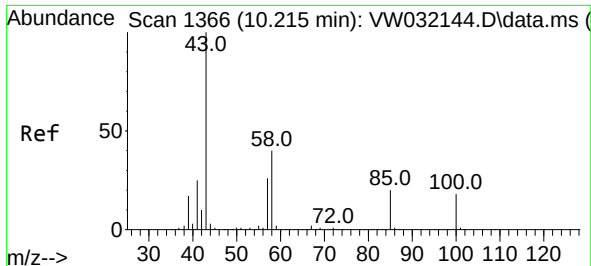
Tgt Ion: 98 Resp: 541347

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2

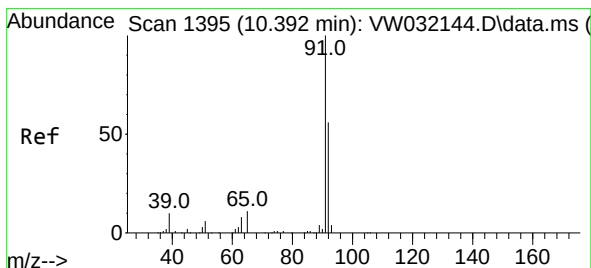
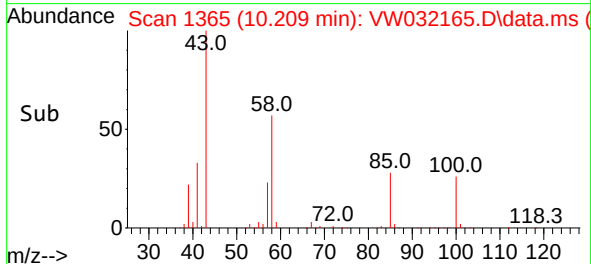
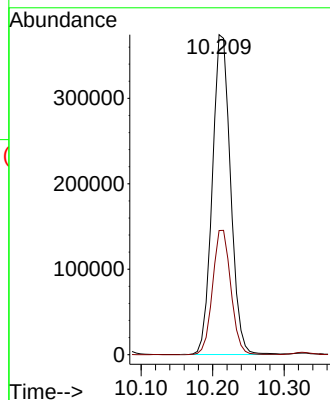
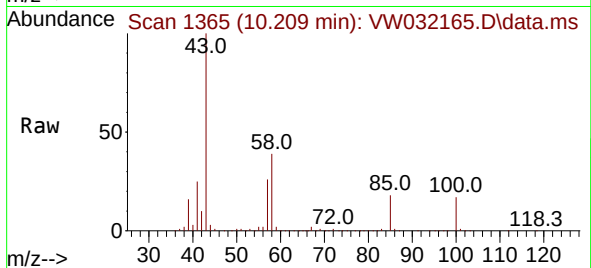




#51
4-Methyl-2-Pentanone
Concen: 268.152 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

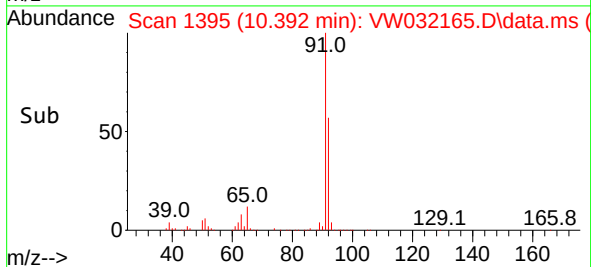
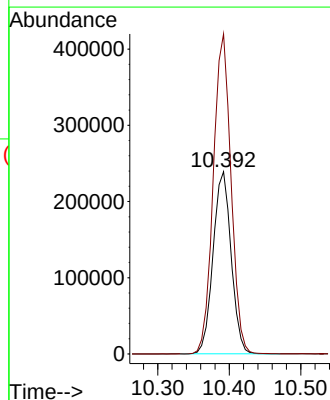
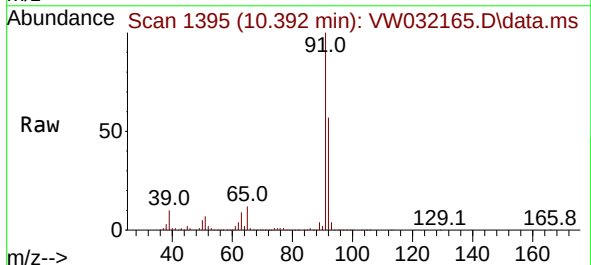
Instrument :
MSVOA_W
ClientSampleId :

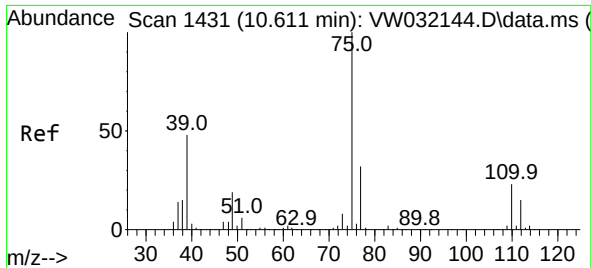
Tgt Ion: 43 Resp: 663037
Ion Ratio Lower Upper
43 100
58 39.0 32.0 48.0



#52
Toluene
Concen: 53.248 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 92 Resp: 418522
Ion Ratio Lower Upper
92 100
91 172.8 137.5 206.3

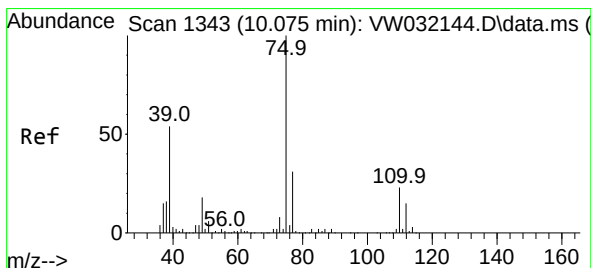
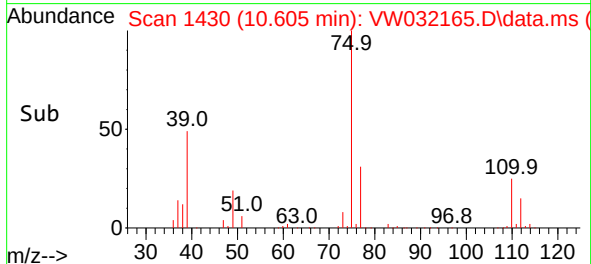
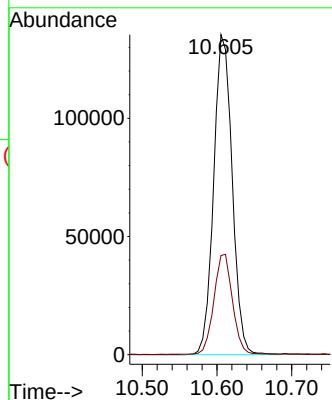
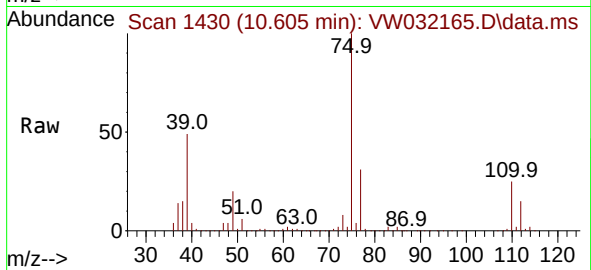




#53
 t-1,3-Dichloropropene
 Concen: 57.112 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14

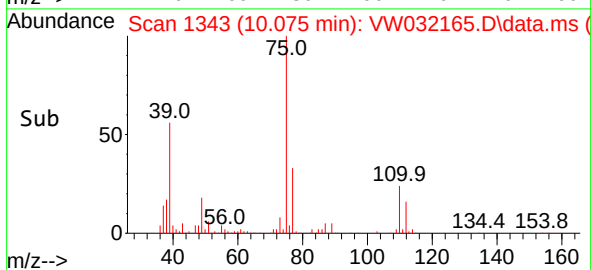
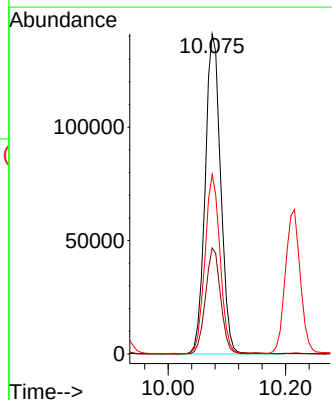
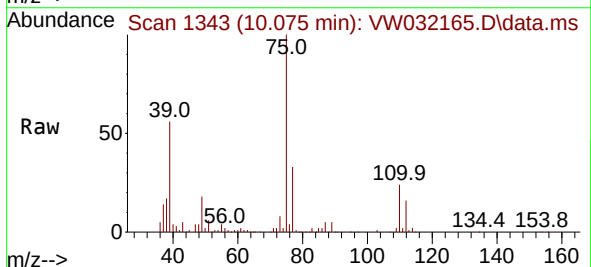
Instrument :
 MSVOA_W
 ClientSampleId :

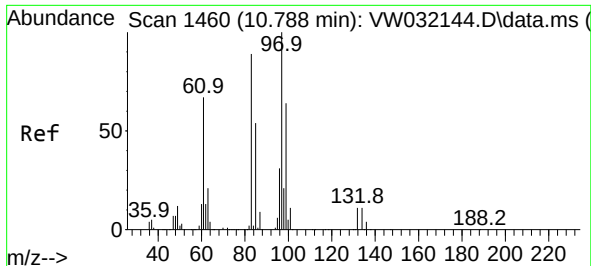
Tgt Ion: 75 Resp: 232839
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 55.349 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14

Tgt Ion: 75 Resp: 257474
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.1 37.7
 39 55.9 43.2 64.8

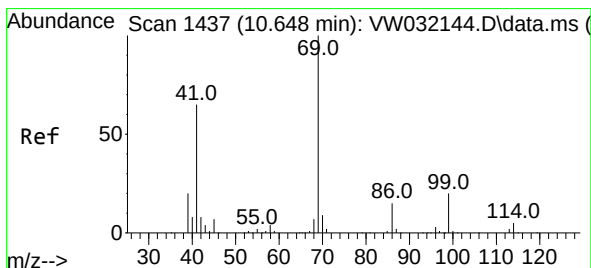
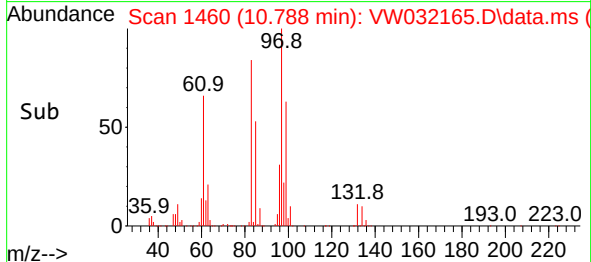
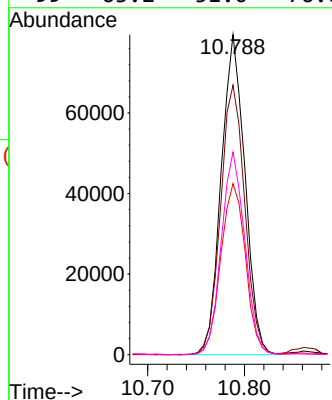
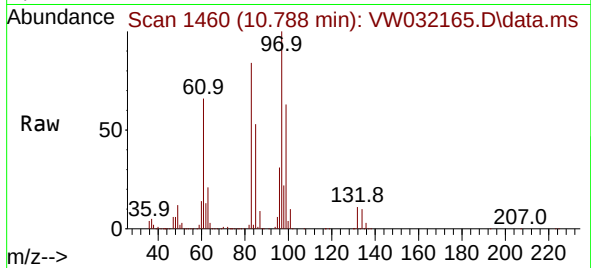




#55
1,1,2-Trichloroethane
Concen: 51.139 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

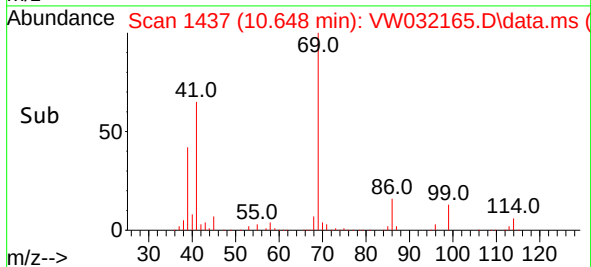
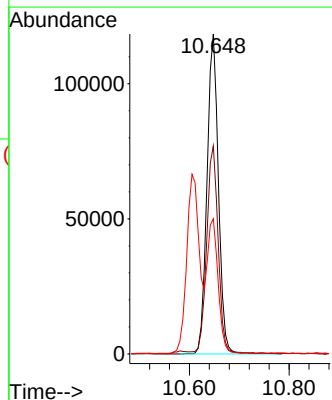
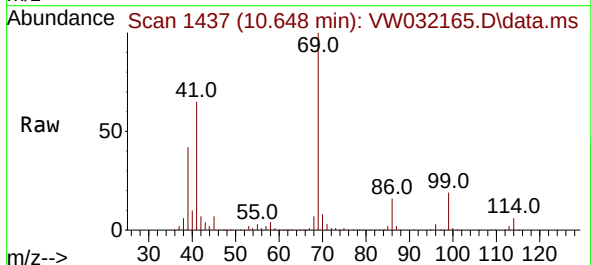
Instrument :
MSVOA_W
ClientSampleId :

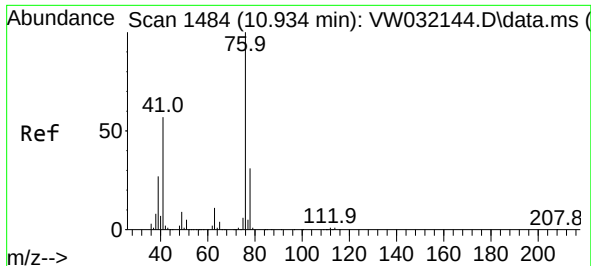
Tgt Ion:	97	Resp:	135237
Ion	Ratio	Lower	Upper
97	100		
83	84.2	71.0	106.6
85	53.5	42.8	64.2
99	63.2	51.0	76.6



#56
Ethyl methacrylate
Concen: 55.642 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion:	69	Resp:	188118
Ion	Ratio	Lower	Upper
69	100		
41	64.3	53.2	79.8
39	38.8	32.9	49.3





#57

1,3-Dichloropropane

Concen: 52.826 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

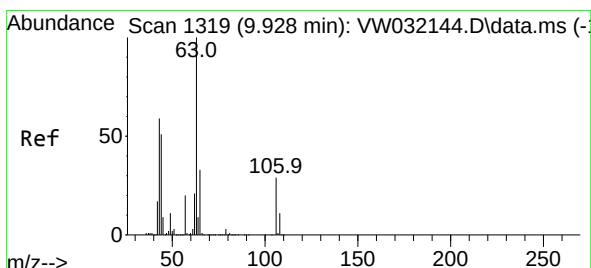
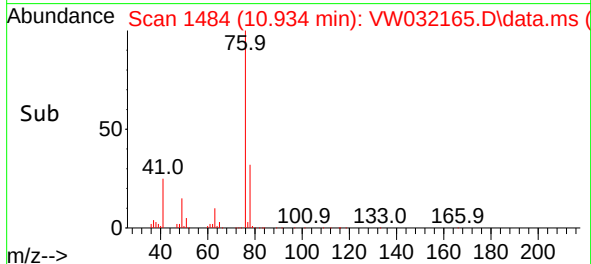
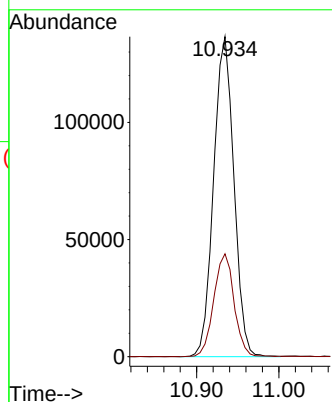
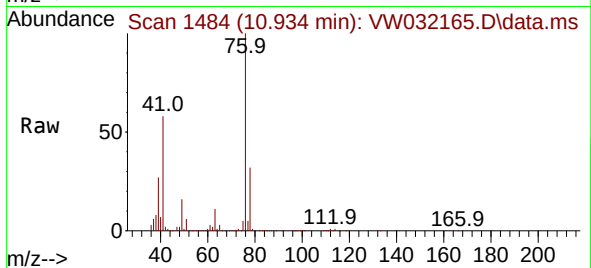
ClientSampleId :

Tgt Ion: 76 Resp: 233915

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 269.326 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032165.D

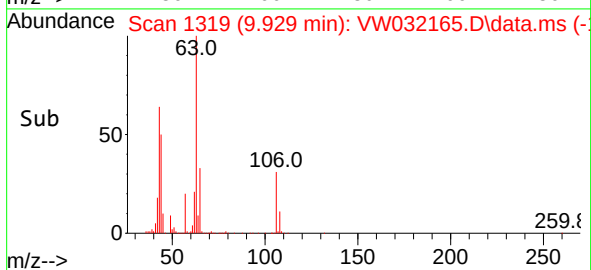
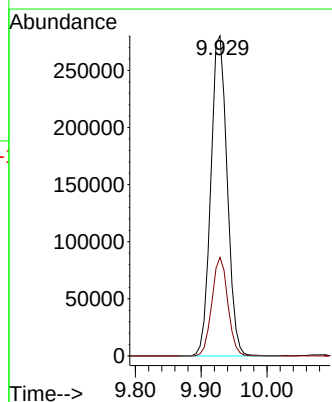
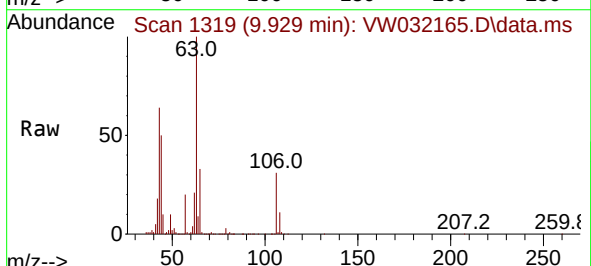
Acq: 15 Sep 2025 09:14

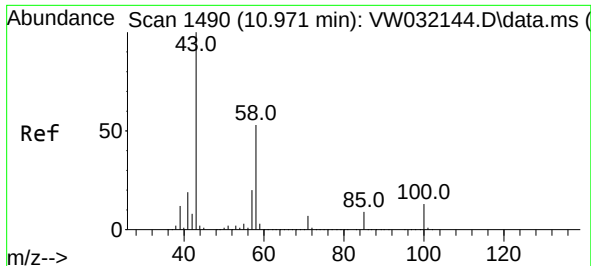
Tgt Ion: 63 Resp: 486016

Ion Ratio Lower Upper

63 100

106 29.9 24.3 36.5

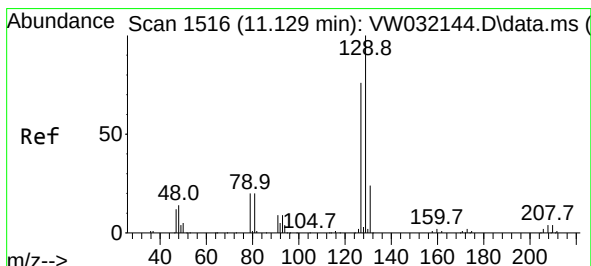
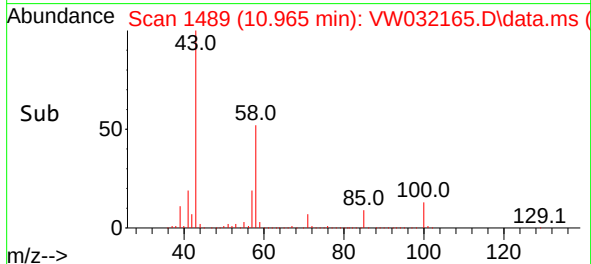
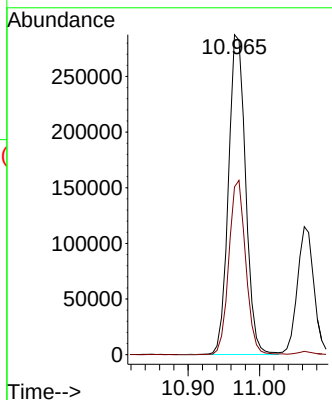
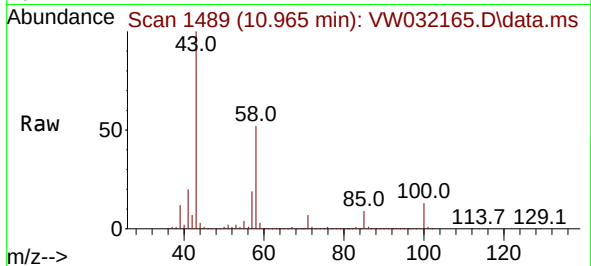




#59
2-Hexanone
Concen: 278.014 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

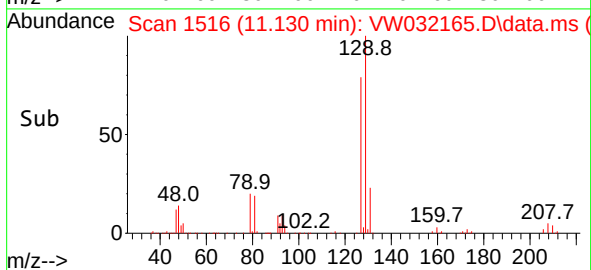
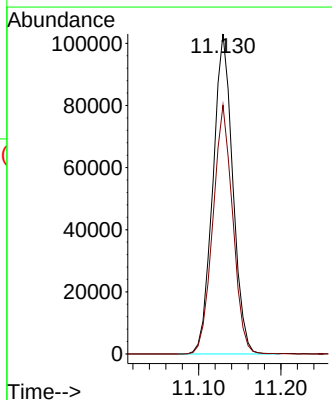
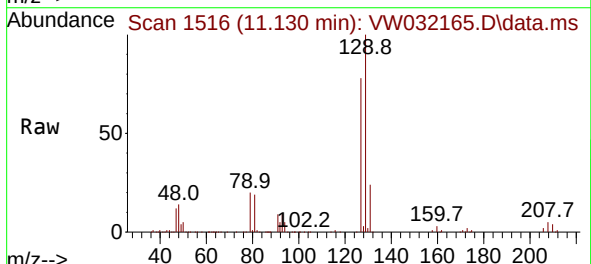
Instrument :
MSVOA_W
ClientSampleId :

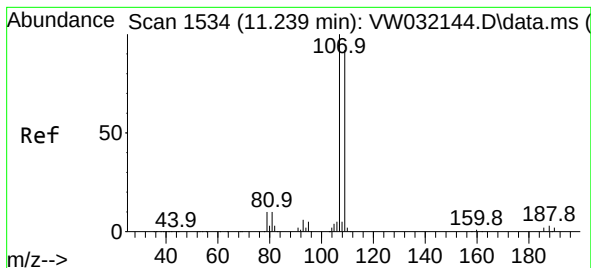
Tgt Ion: 43 Resp: 478084
Ion Ratio Lower Upper
43 100
58 53.7 27.5 82.4



#60
Dibromochloromethane
Concen: 54.106 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

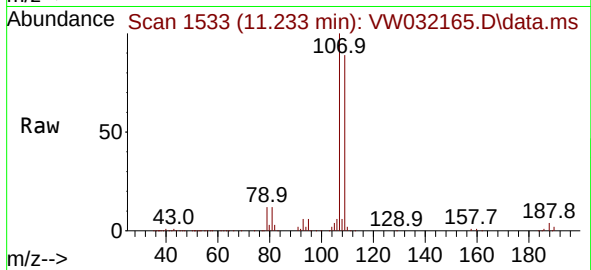
Tgt Ion:129 Resp: 173138
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5



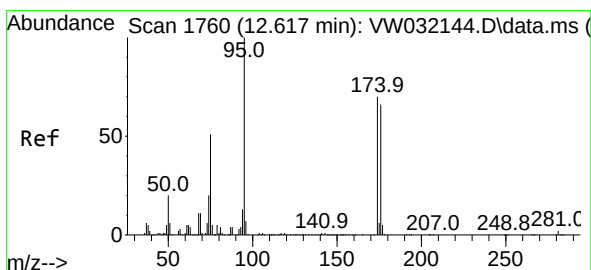
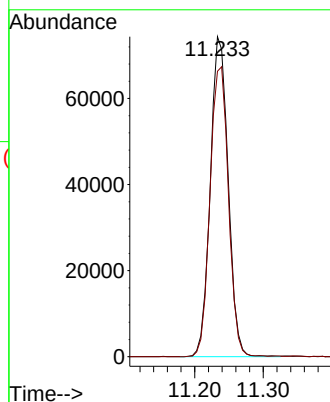
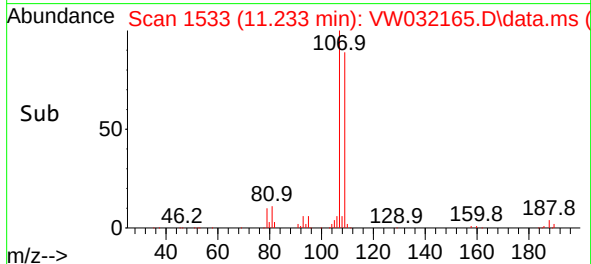


#61
1,2-Dibromoethane
Concen: 51.699 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

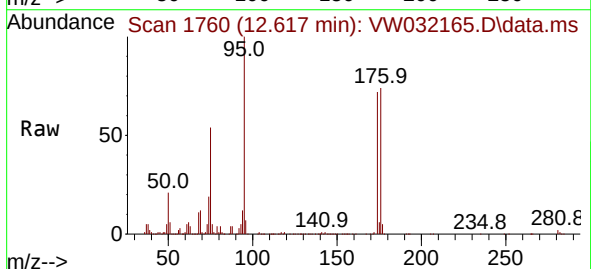
Instrument :
MSVOA_W
ClientSampleId :



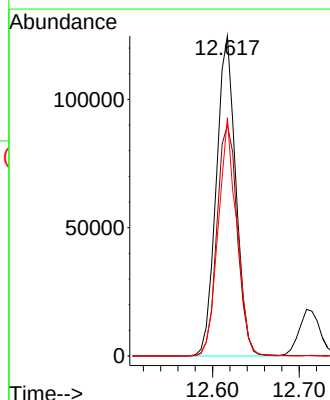
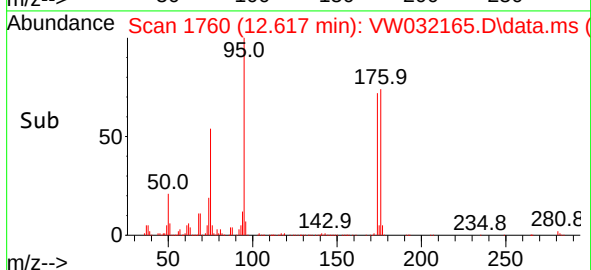
Tgt Ion:107 Resp: 134448
Ion Ratio Lower Upper
107 100
109 93.5 74.5 111.7

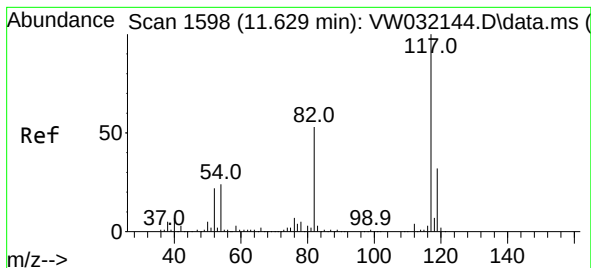


#62
4-Bromofluorobenzene
Concen: 50.301 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14



Tgt Ion: 95 Resp: 195957
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.6
176 70.6 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :

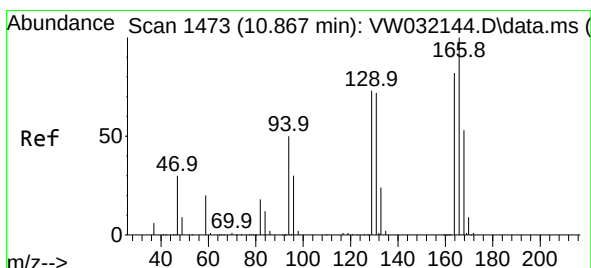
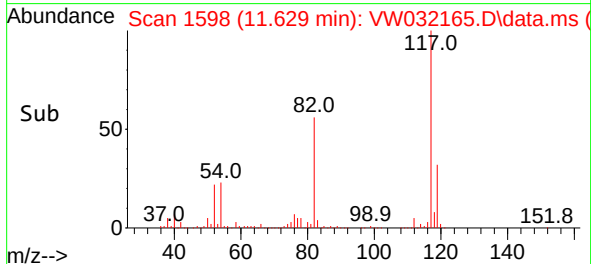
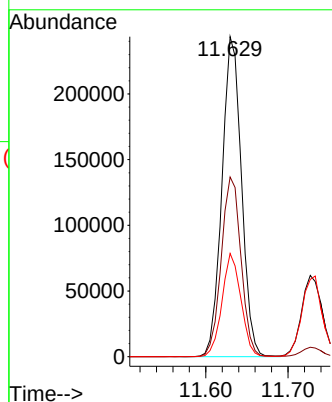
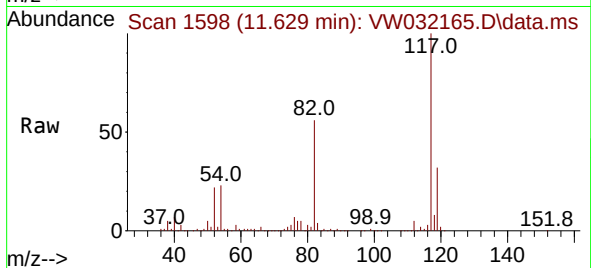
Tgt Ion:117 Resp: 401457

Ion Ratio Lower Upper

117 100

82 56.1 42.7 64.1

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 50.474 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Tgt Ion:164 Resp: 133366

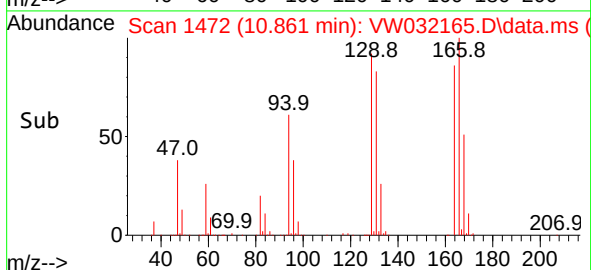
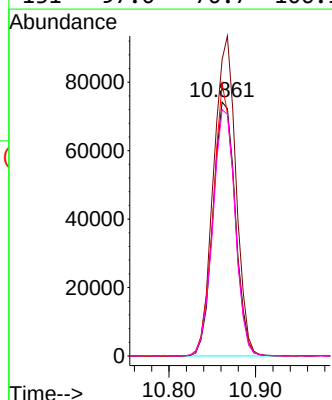
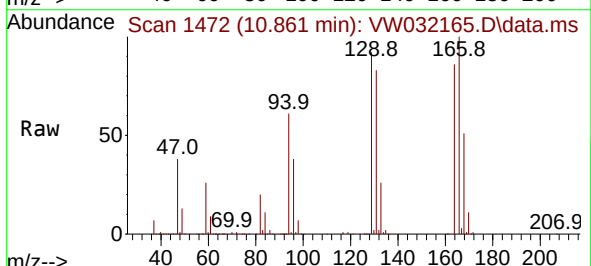
Ion Ratio Lower Upper

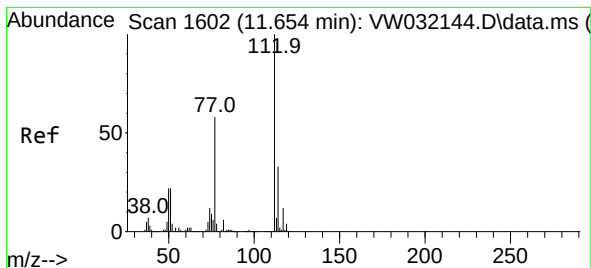
164 100

166 116.7 97.5 146.3

129 107.3 71.2 106.8#

131 97.0 70.7 106.1





#65

Chlorobenzene

Concen: 51.983 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

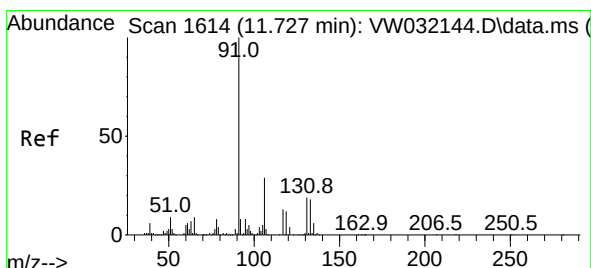
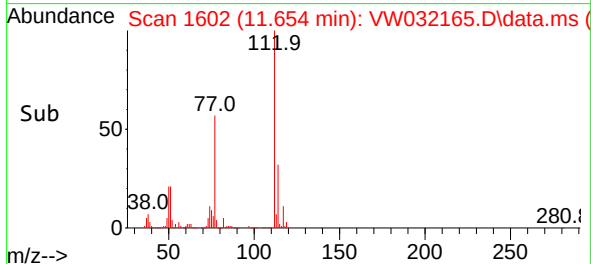
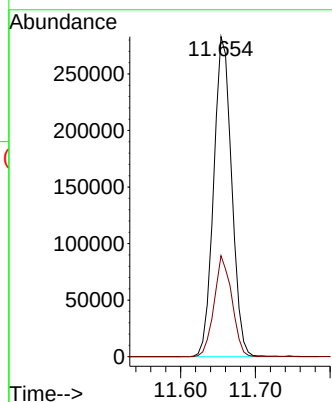
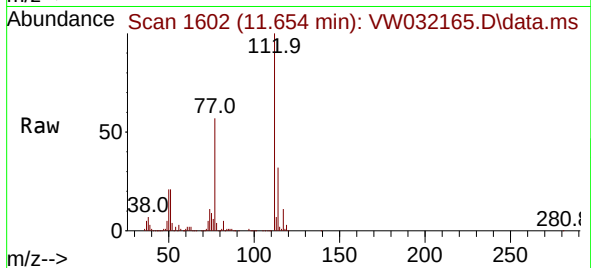
ClientSampleId :

Tgt Ion:112 Resp: 475010

Ion Ratio Lower Upper

112 100

114 31.6 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 53.850 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

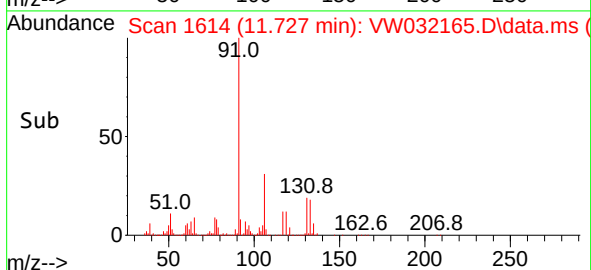
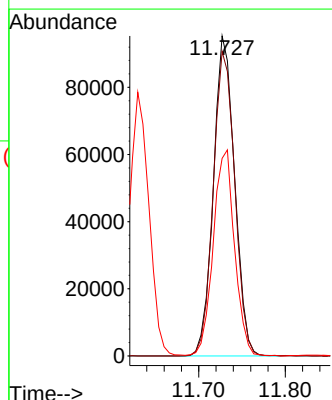
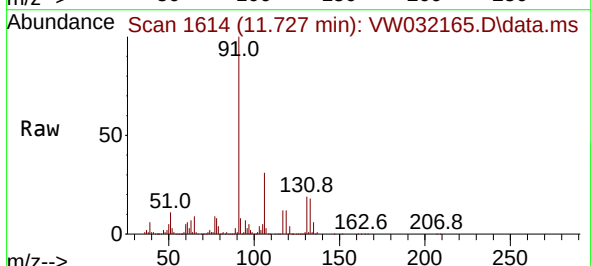
Tgt Ion:131 Resp: 162003

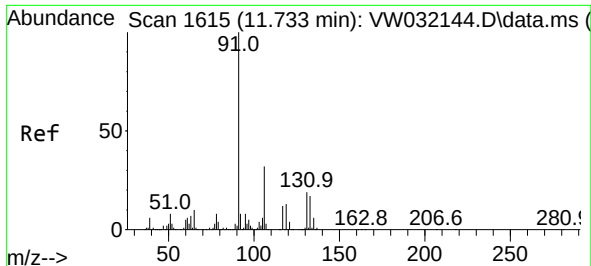
Ion Ratio Lower Upper

131 100

133 96.8 47.7 143.1

119 64.9 32.8 98.3





#67

Ethyl Benzene

Concen: 54.677 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

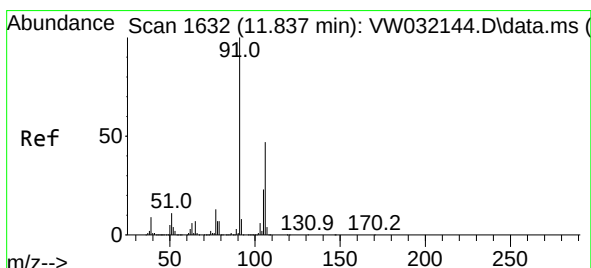
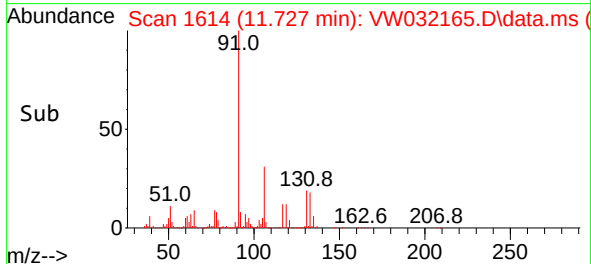
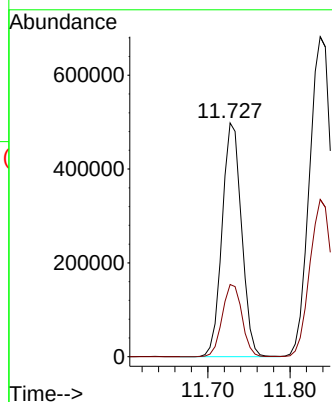
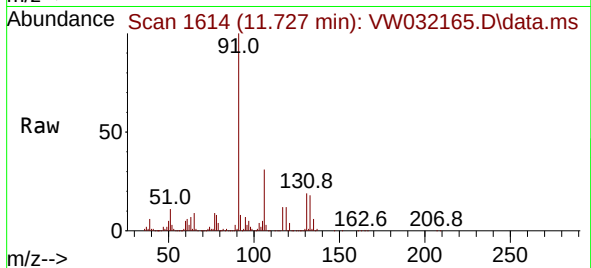
ClientSampleId :

Tgt Ion: 91 Resp: 818600

Ion Ratio Lower Upper

91 100

106 30.8 25.3 37.9



#68

m/p-Xylenes

Concen: 108.943 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032165.D

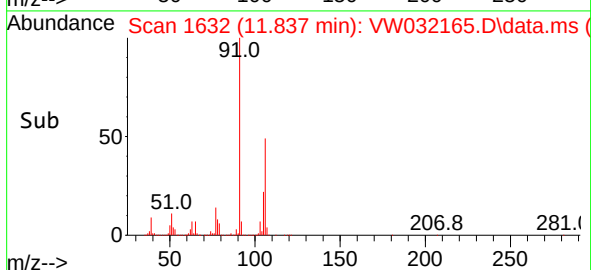
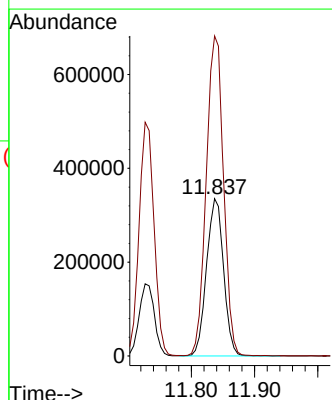
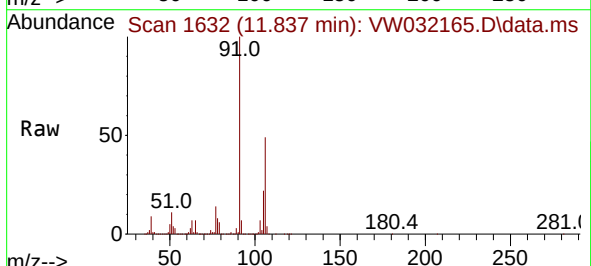
Acq: 15 Sep 2025 09:14

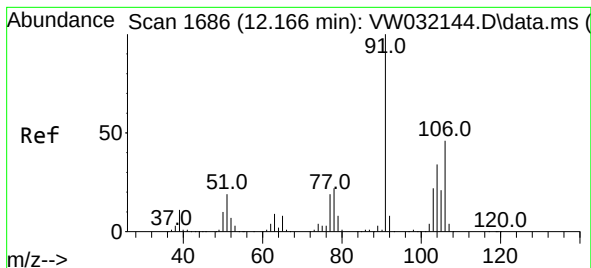
Tgt Ion:106 Resp: 627729

Ion Ratio Lower Upper

106 100

91 206.8 164.2 246.2





#69

o-Xylene

Concen: 54.594 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

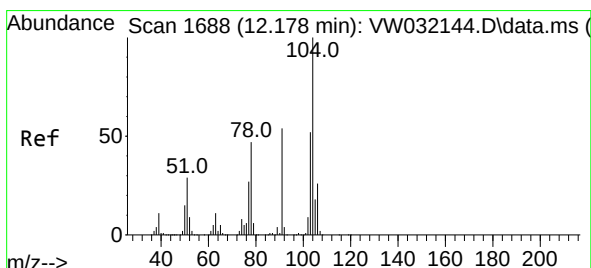
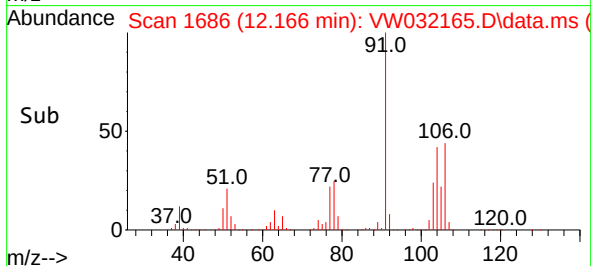
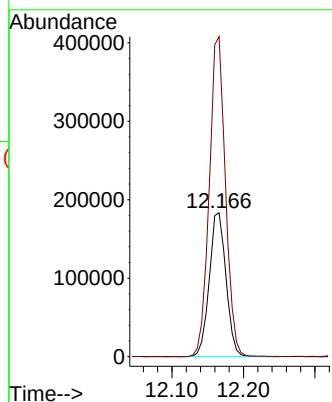
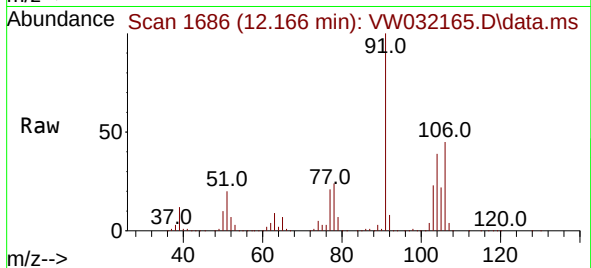
ClientSampleId :

Tgt Ion:106 Resp: 297553

Ion Ratio Lower Upper

106 100

91 215.8 108.7 326.3



#70

Styrene

Concen: 54.223 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

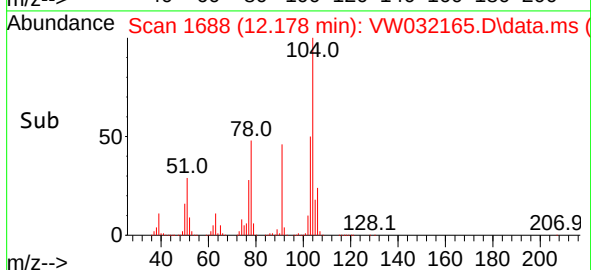
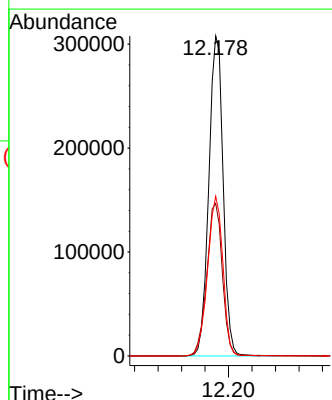
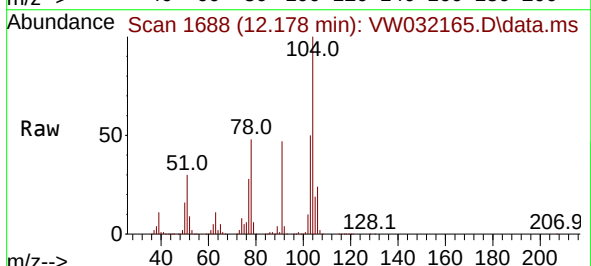
Tgt Ion:104 Resp: 520961

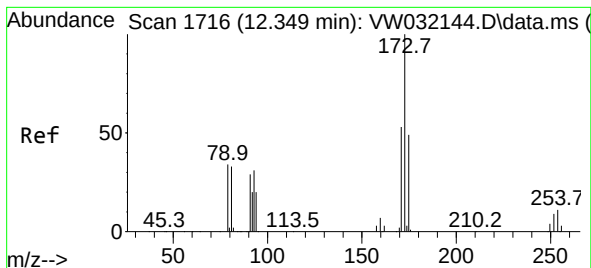
Ion Ratio Lower Upper

104 100

78 51.8 41.6 62.4

103 53.4 44.8 67.2





#71

Bromoform

Concen: 56.662 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :

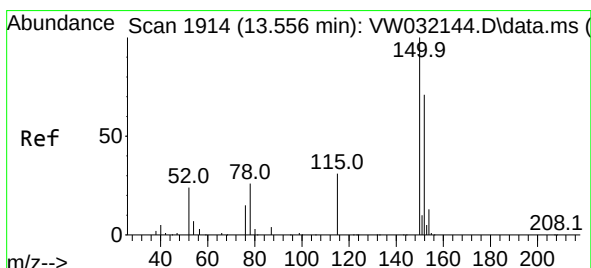
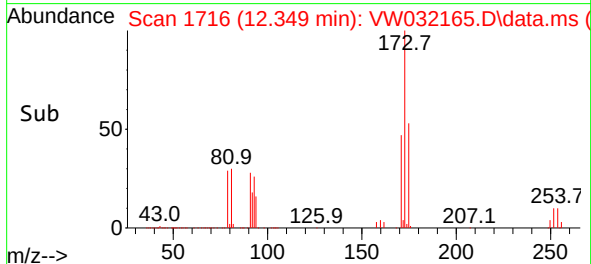
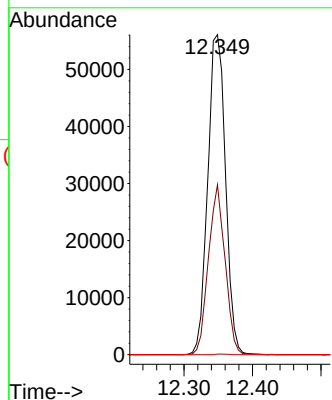
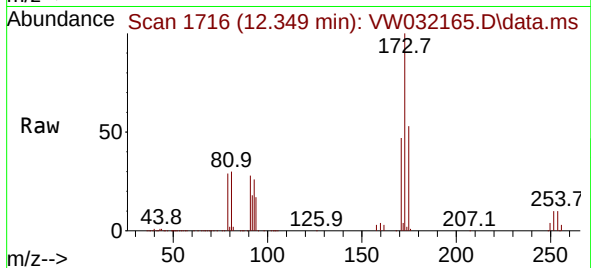
Tgt Ion:173 Resp: 101242

Ion Ratio Lower Upper

173 100

175 49.8 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

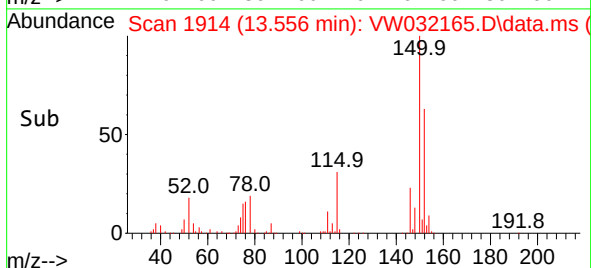
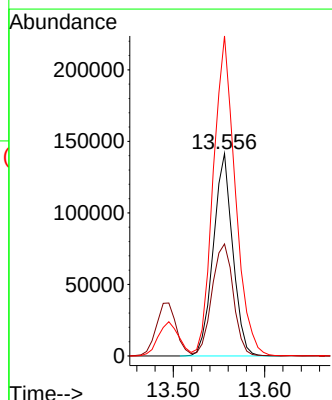
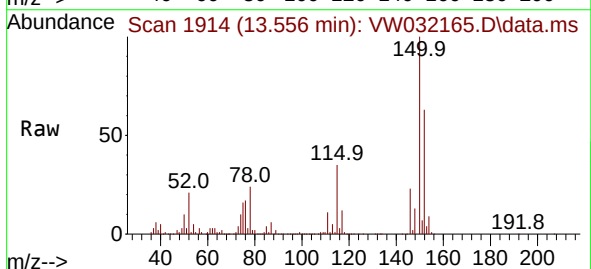
Tgt Ion:152 Resp: 208724

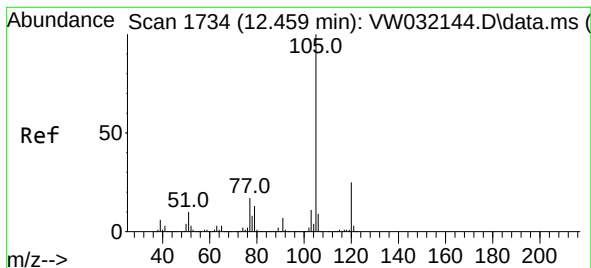
Ion Ratio Lower Upper

152 100

115 60.7 31.8 95.4

150 178.8 0.0 343.0





#73

Isopropylbenzene

Concen: 53.015 ug/l

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

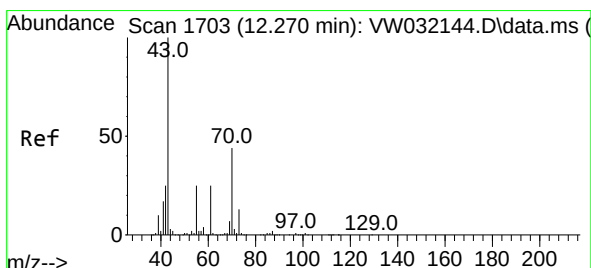
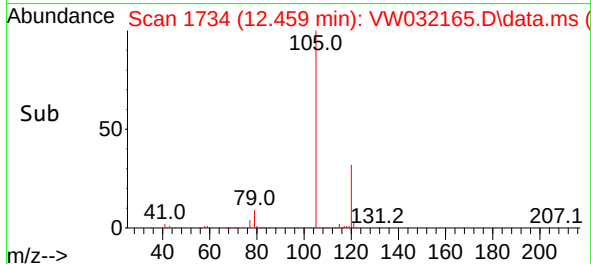
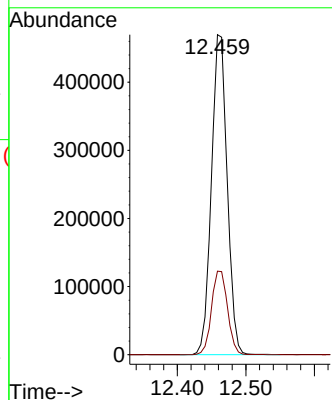
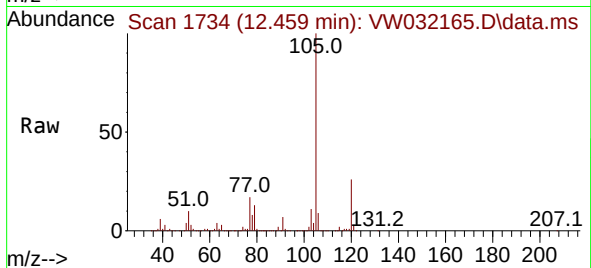
ClientSampleId :

Tgt Ion:105 Resp: 751751

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#74

N-ethyl acetate

Concen: 52.144 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Tgt Ion: 43 Resp: 214672

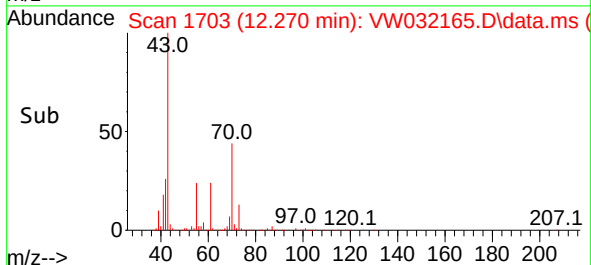
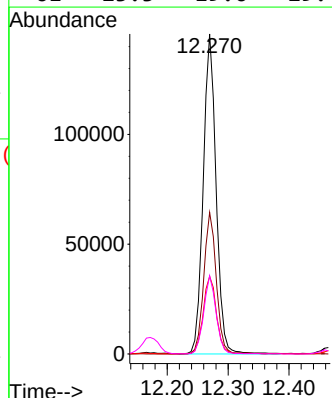
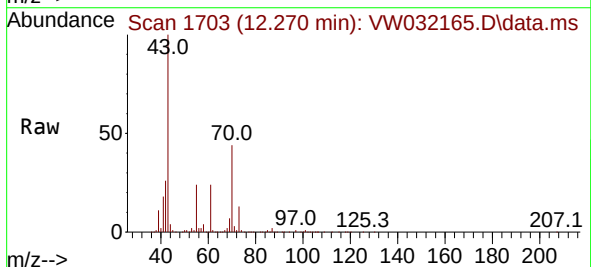
Ion Ratio Lower Upper

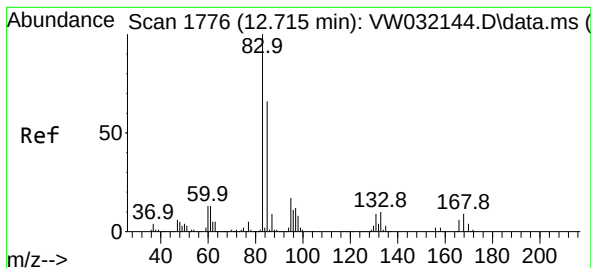
43 100

70 43.2 35.3 52.9

55 25.1 19.9 29.9

61 23.3 19.6 29.4





#75

1,1,2-Tetrachloroethane

Concen: 51.337 ug/l

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :

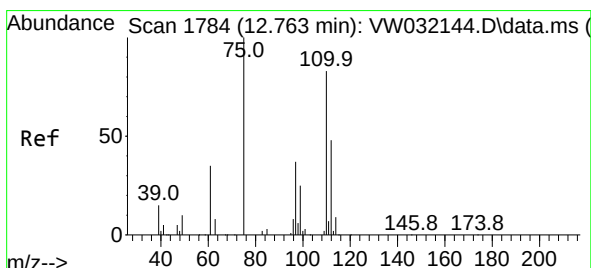
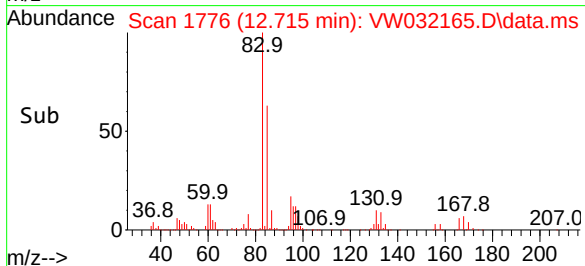
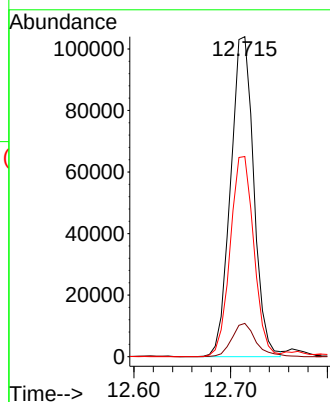
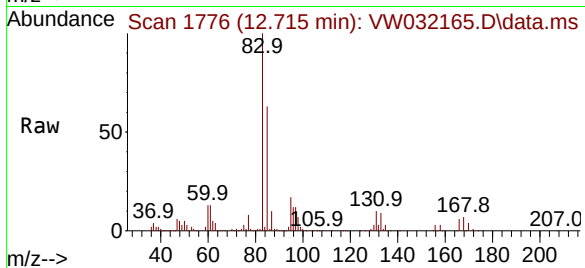
Tgt Ion: 83 Resp: 173002

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

85 64.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 83.806 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW032165.D

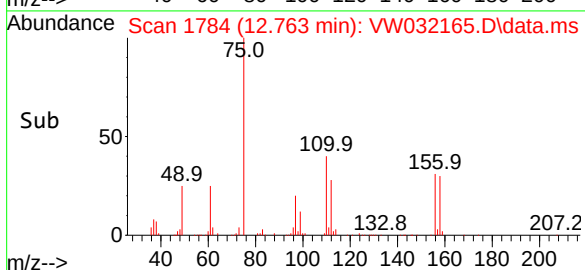
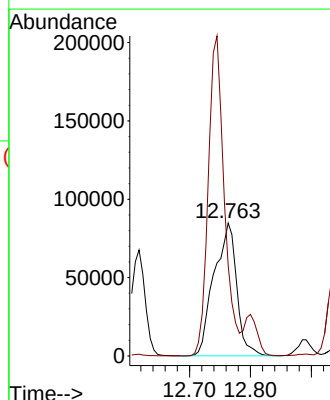
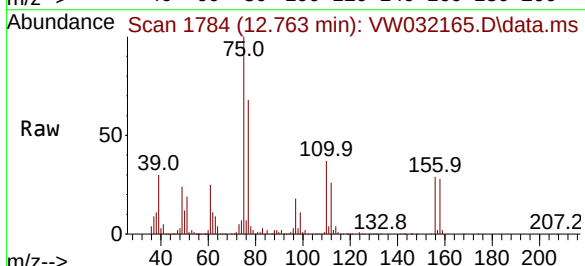
Acq: 15 Sep 2025 09:14

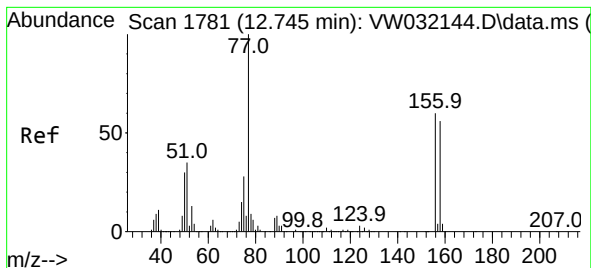
Tgt Ion: 75 Resp: 219143

Ion Ratio Lower Upper

75 100

77 170.8 141.7 425.1





#77

Bromobenzene

Concen: 51.370 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :

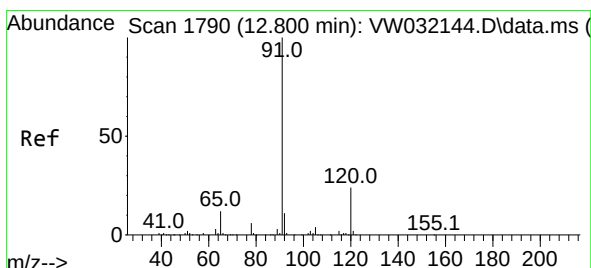
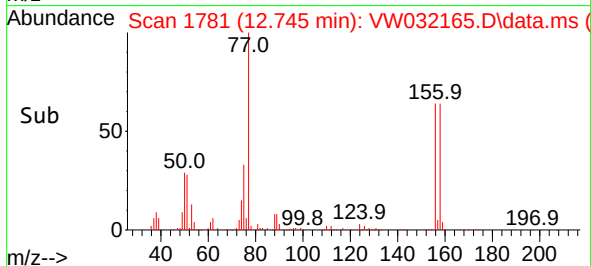
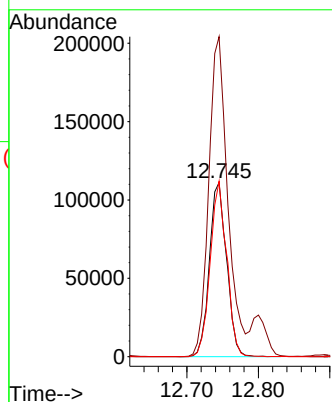
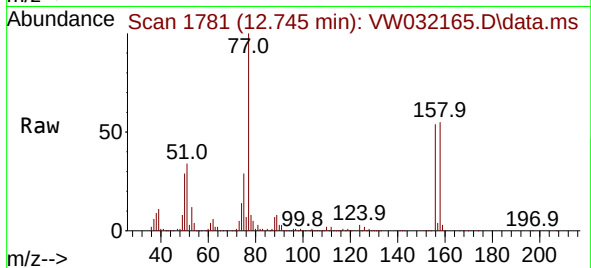
Tgt Ion:156 Resp: 185756

Ion Ratio Lower Upper

156 100

77 201.5 98.6 295.7

158 96.8 48.4 145.0



#78

n-propylbenzene

Concen: 55.346 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032165.D

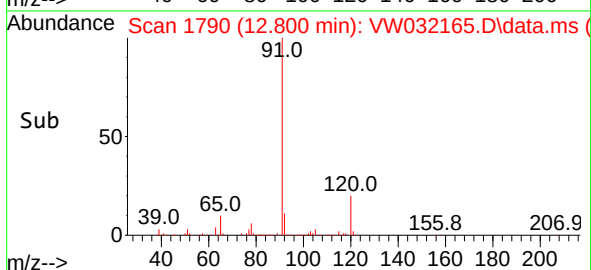
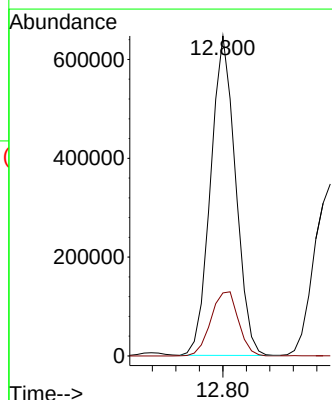
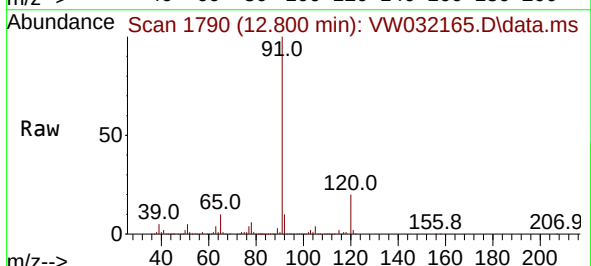
Acq: 15 Sep 2025 09:14

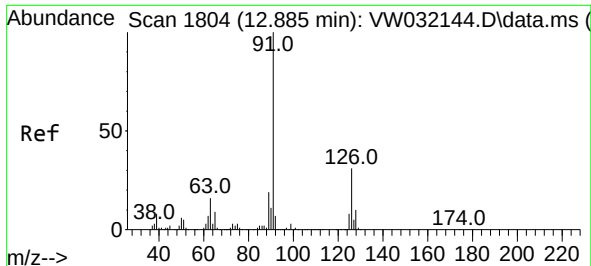
Tgt Ion: 91 Resp: 952807

Ion Ratio Lower Upper

91 100

120 22.2 11.8 35.4





#79

2-Chlorotoluene

Concen: 52.760 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

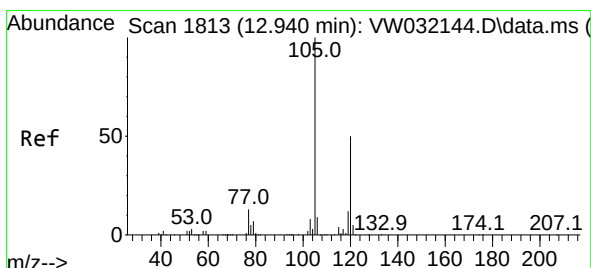
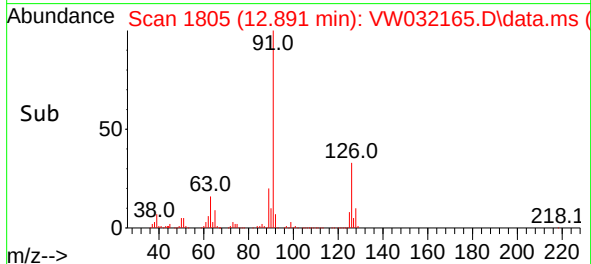
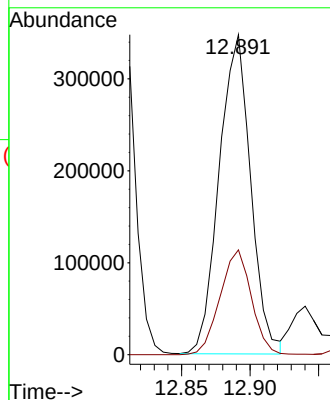
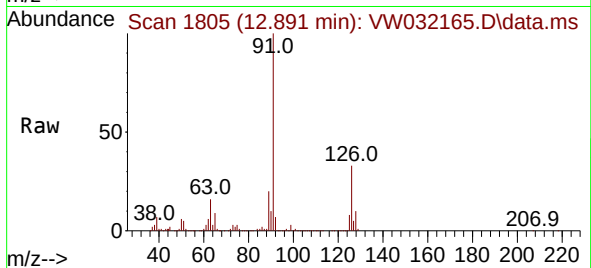
ClientSampleId :

Tgt Ion: 91 Resp: 555427

Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 54.647 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032165.D

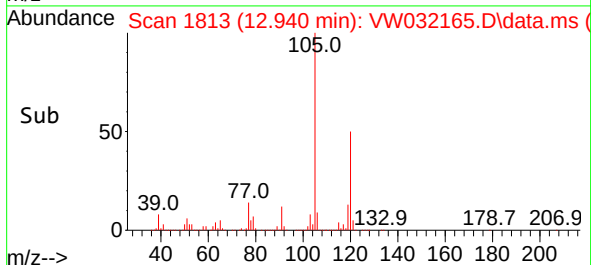
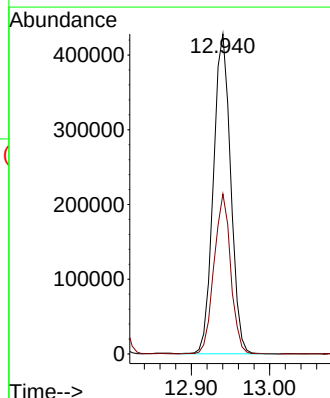
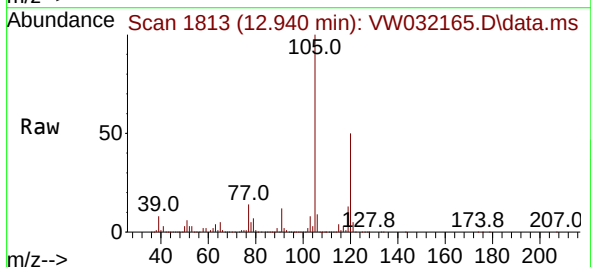
Acq: 15 Sep 2025 09:14

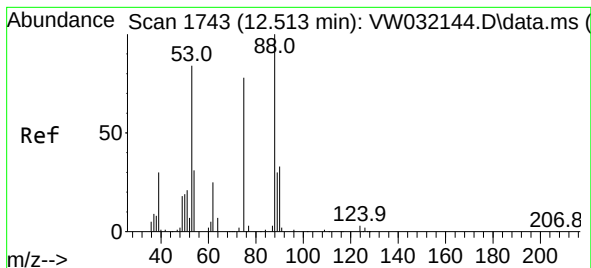
Tgt Ion:105 Resp: 656079

Ion Ratio Lower Upper

105 100

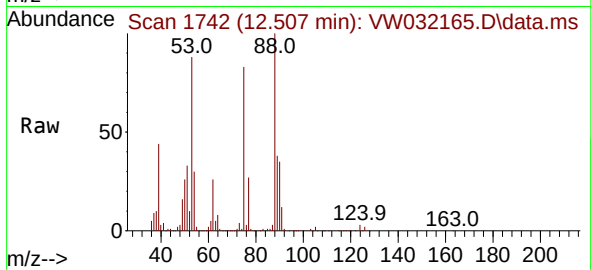
120 48.2 24.8 74.4



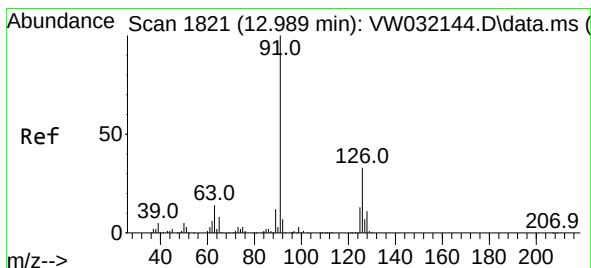
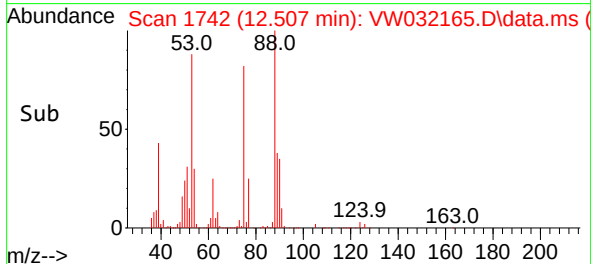
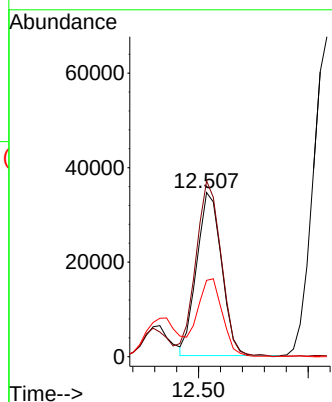


#81
trans-1,4-Dichloro-2-butene
Concen: 56.058 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Instrument :
MSVOA_W
ClientSampleId :

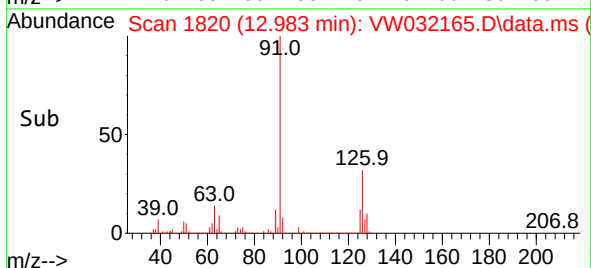
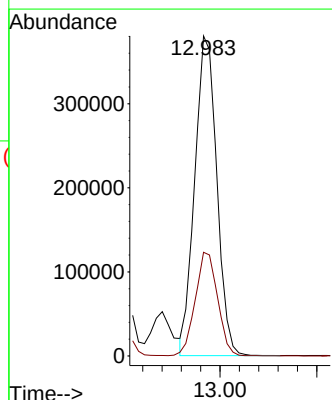
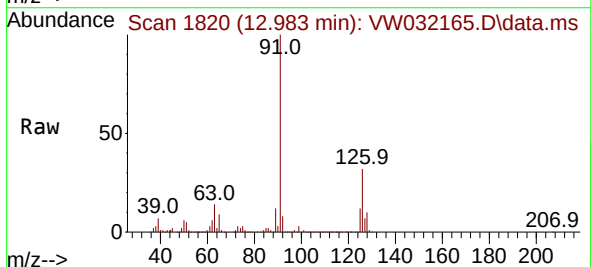


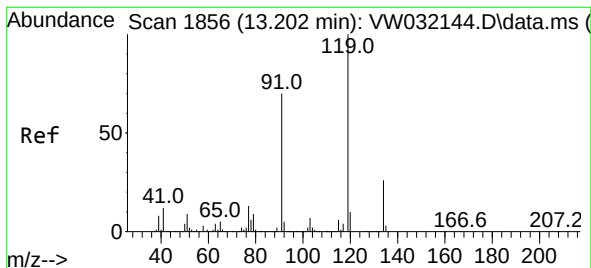
Tgt Ion: 75 Resp: 54443
Ion Ratio Lower Upper
75 100
53 111.5 91.0 136.6
89 47.2 39.4 59.2



#82
4-Chlorotoluene
Concen: 53.357 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032165.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 91 Resp: 601263
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2





#83

tert-Butylbenzene

Concen: 54.720 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :

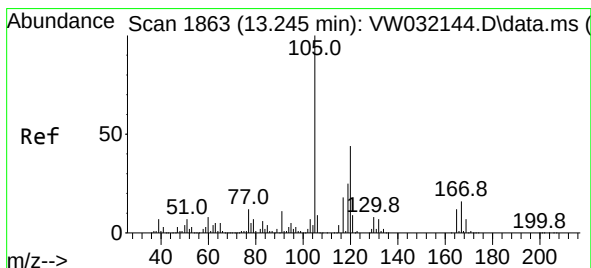
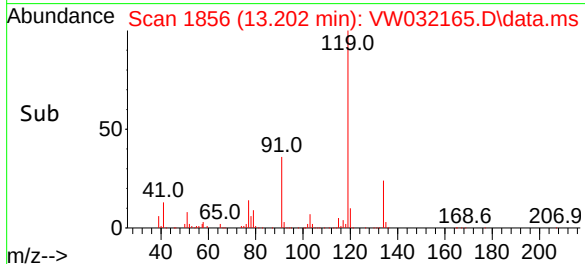
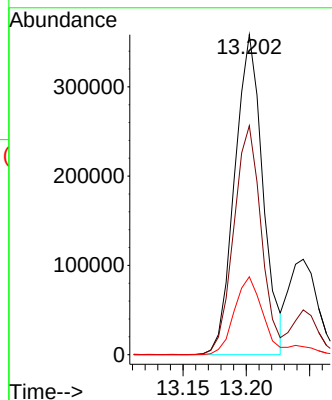
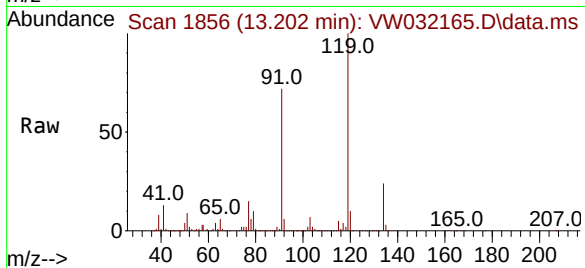
Tgt Ion:119 Resp: 557023

Ion Ratio Lower Upper

119 100

91 69.8 33.8 101.3

134 24.6 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 54.768 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032165.D

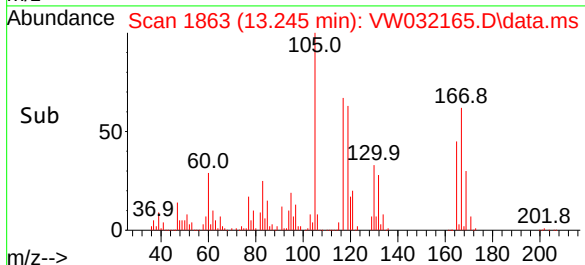
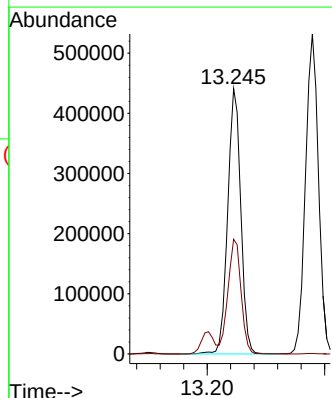
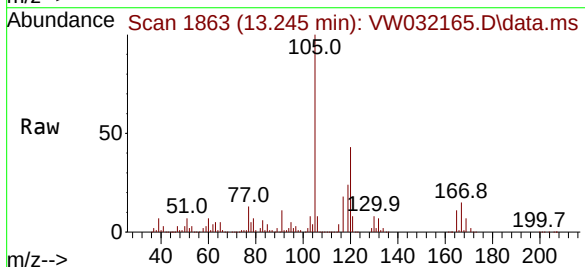
Acq: 15 Sep 2025 09:14

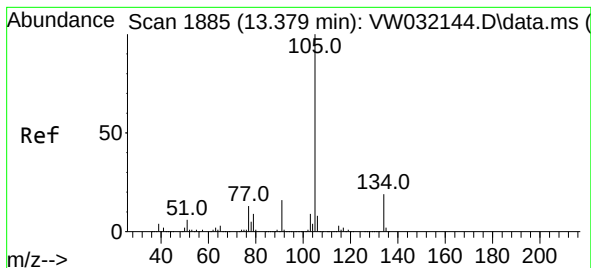
Tgt Ion:105 Resp: 680265

Ion Ratio Lower Upper

105 100

120 43.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 53.719 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

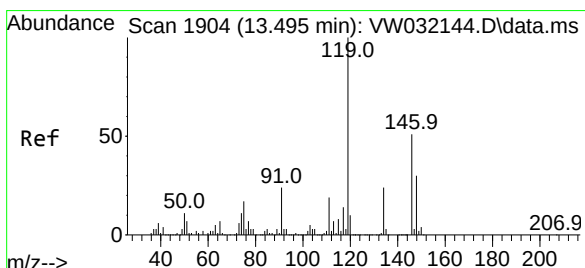
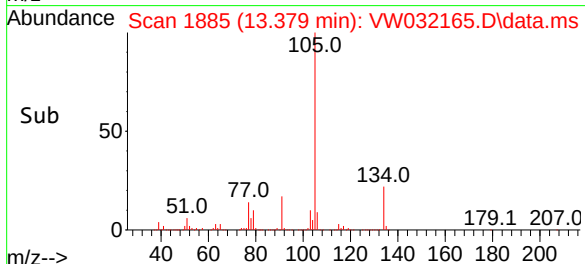
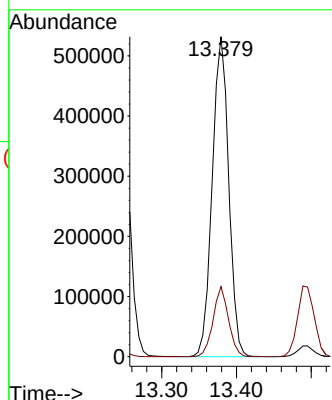
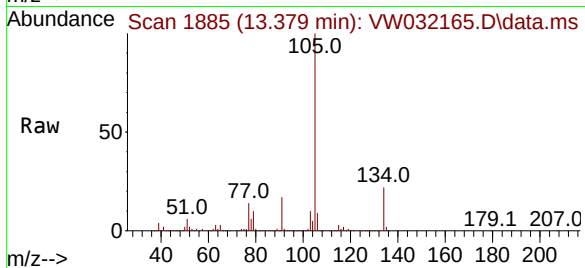
ClientSampleId :

Tgt Ion:105 Resp: 816441

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.040 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

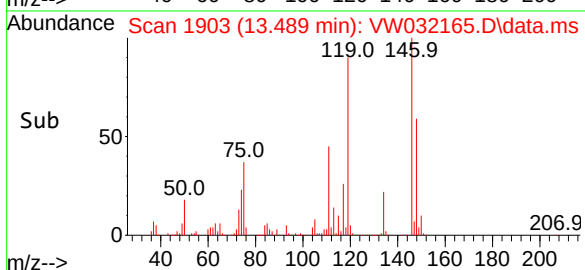
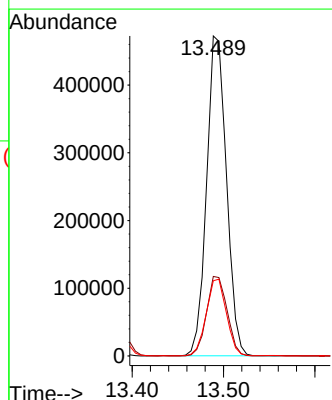
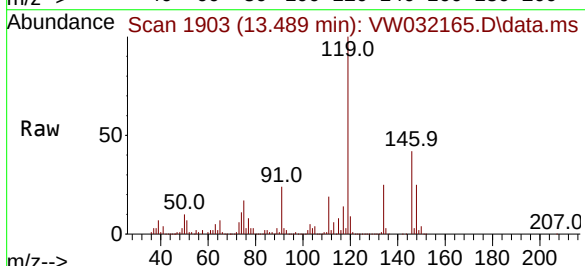
Tgt Ion:119 Resp: 711389

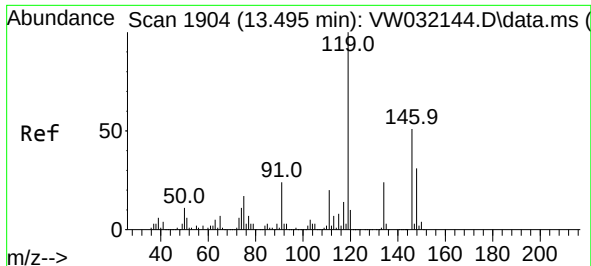
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 24.3 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 51.782 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

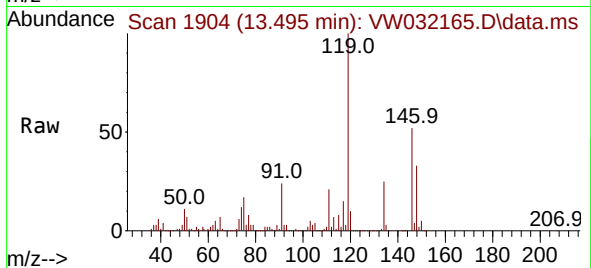
Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :



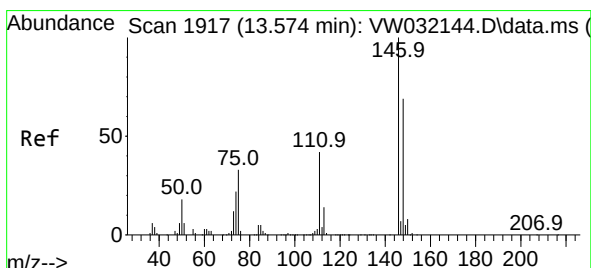
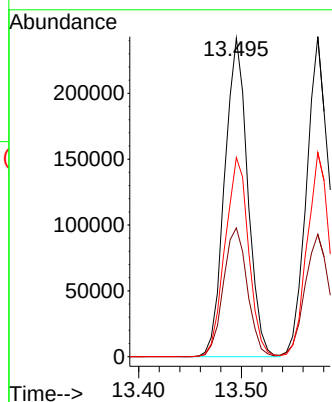
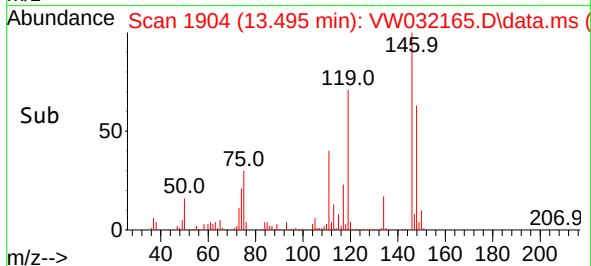
Tgt Ion:146 Resp: 377012

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

148 64.0 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 50.193 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

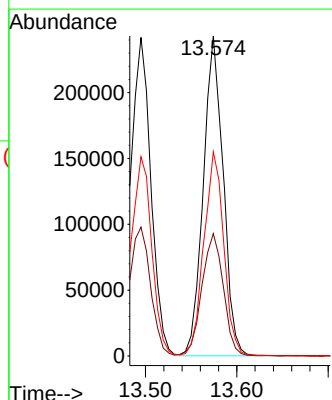
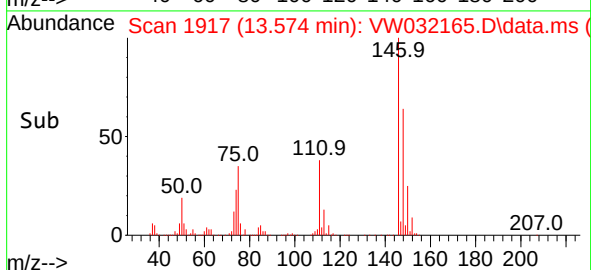
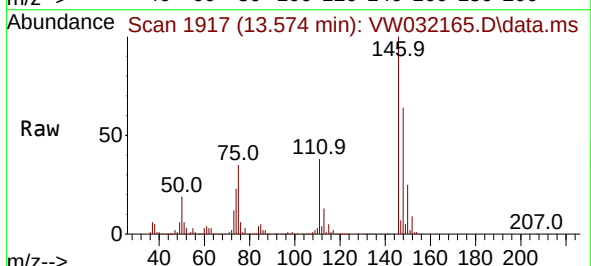
Tgt Ion:146 Resp: 366303

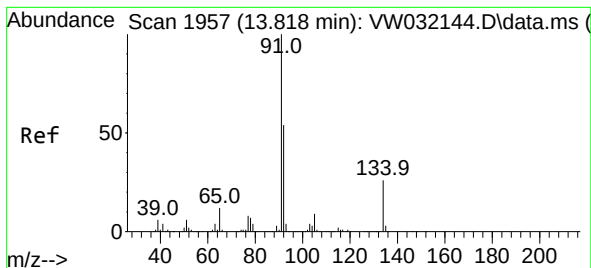
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 64.0 33.4 100.1





#89

n-Butylbenzene

Concen: 55.010 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :

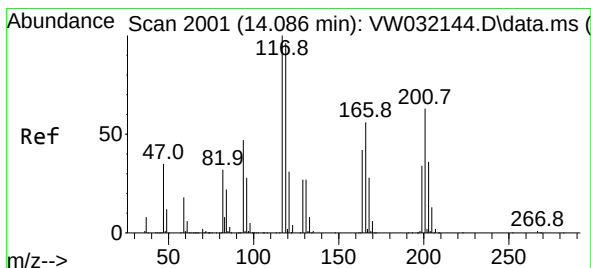
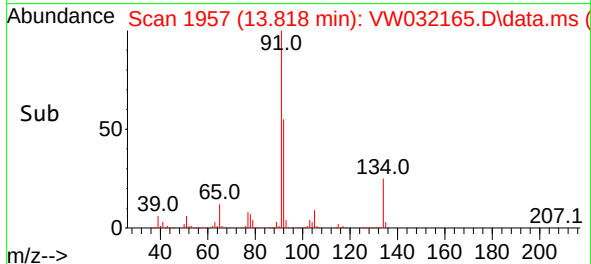
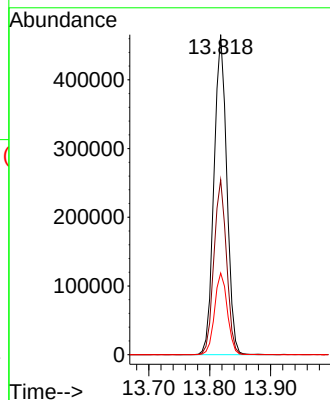
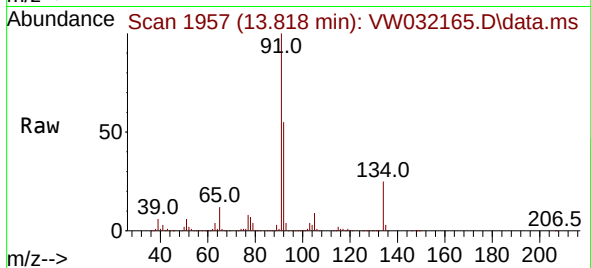
Tgt Ion: 91 Resp: 677862

Ion Ratio Lower Upper

91 100

92 53.9 27.0 81.0

134 25.5 13.1 39.3



#90

Hexachloroethane

Concen: 56.926 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032165.D

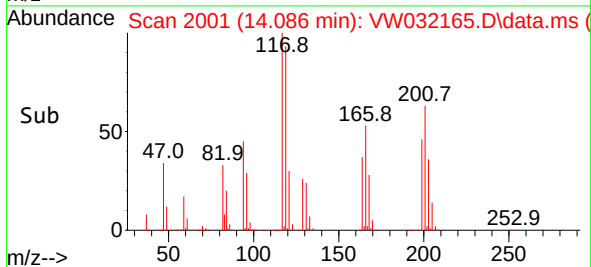
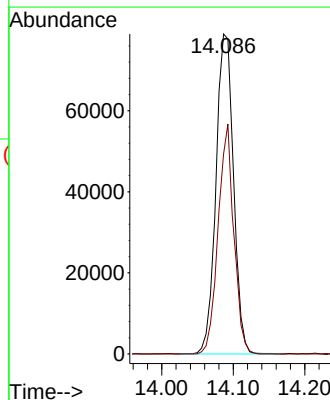
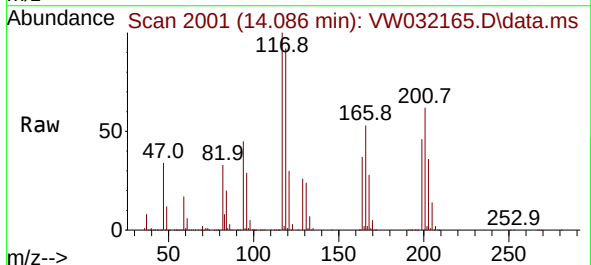
Acq: 15 Sep 2025 09:14

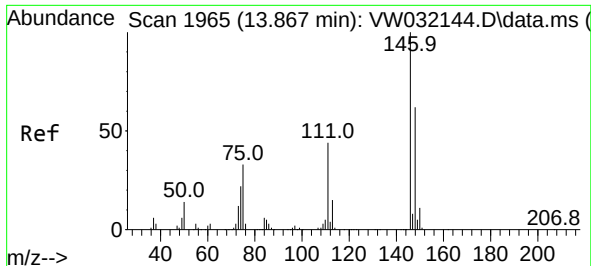
Tgt Ion: 117 Resp: 134581

Ion Ratio Lower Upper

117 100

201 64.2 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 54.795 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

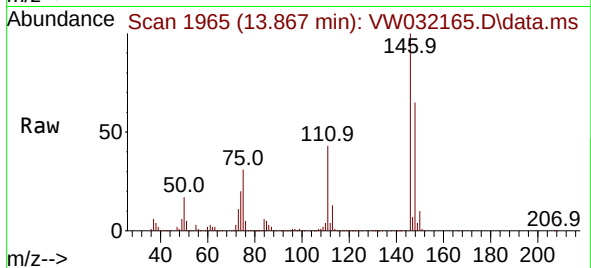
Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :



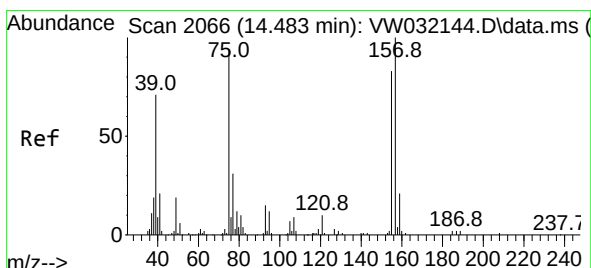
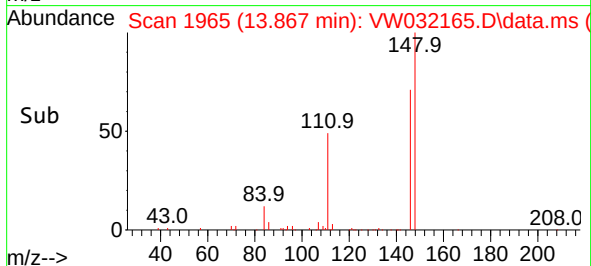
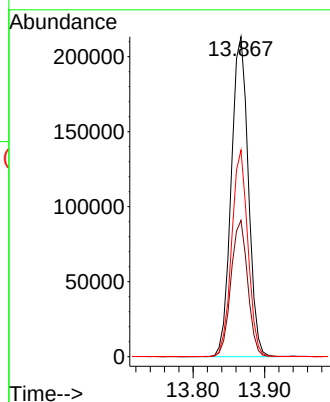
Tgt Ion:146 Resp: 353217

Ion Ratio Lower Upper

146 100

111 41.8 23.4 70.0

148 61.5 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.855 ug/l

RT: 14.477 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

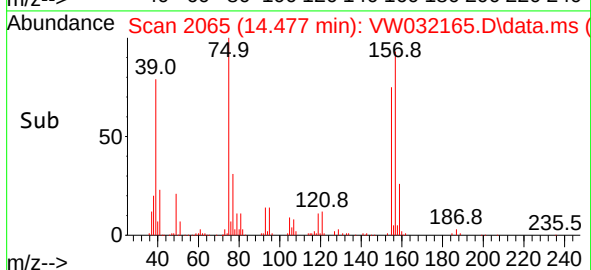
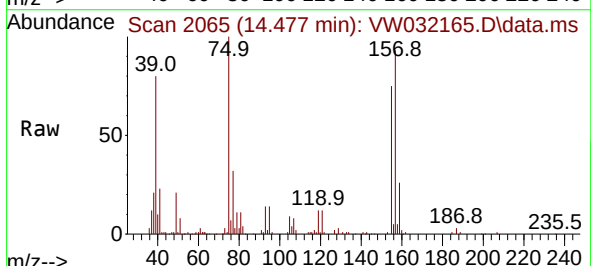
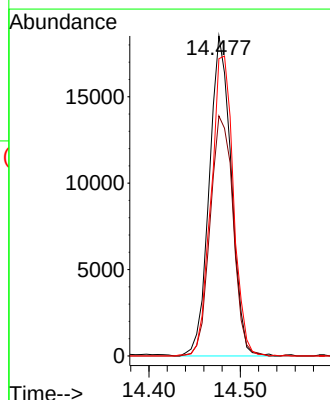
Tgt Ion: 75 Resp: 30871

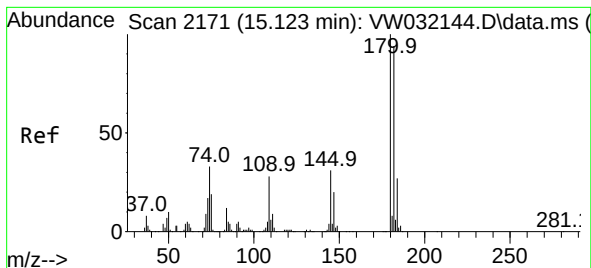
Ion Ratio Lower Upper

75 100

155 78.4 40.8 122.5

157 95.4 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 53.331 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_W

ClientSampleId :

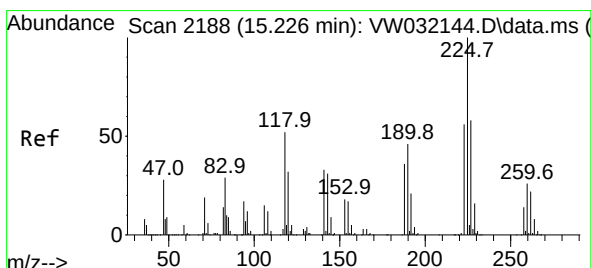
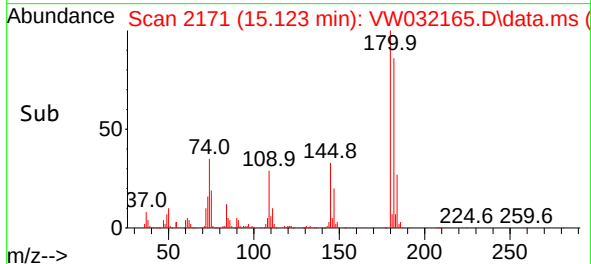
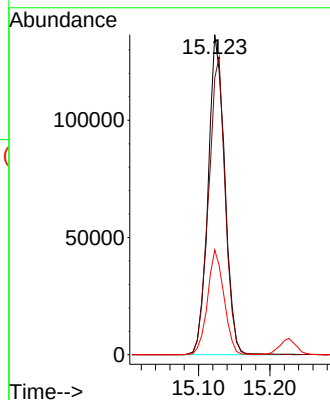
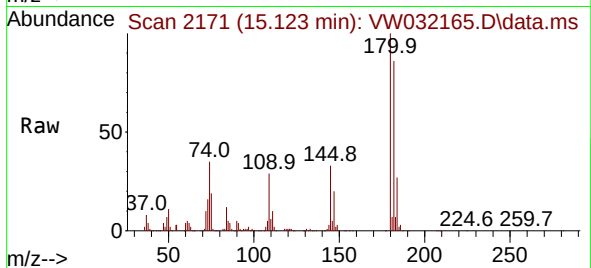
Tgt Ion:180 Resp: 219642

Ion Ratio Lower Upper

180 100

182 93.8 47.4 142.2

145 32.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 50.649 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032165.D

Acq: 15 Sep 2025 09:14

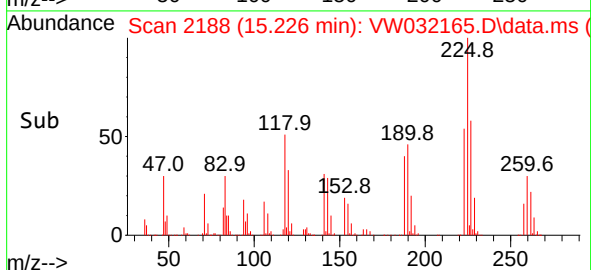
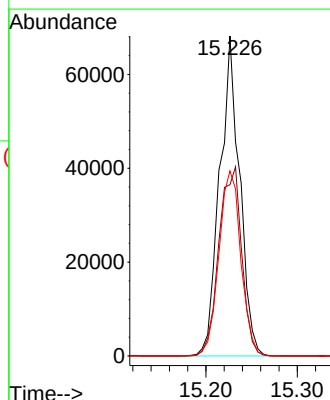
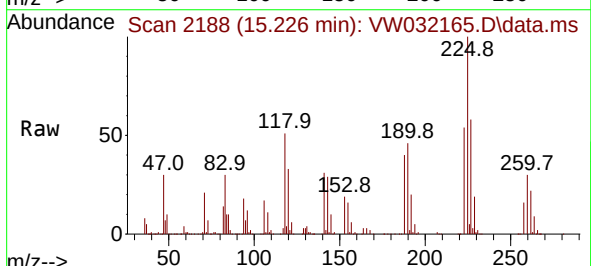
Tgt Ion:225 Resp: 103455

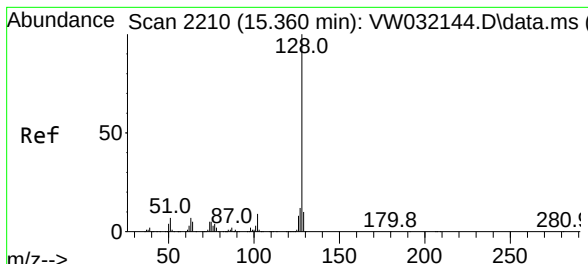
Ion Ratio Lower Upper

225 100

223 67.1 29.8 89.3

227 63.6 30.5 91.5



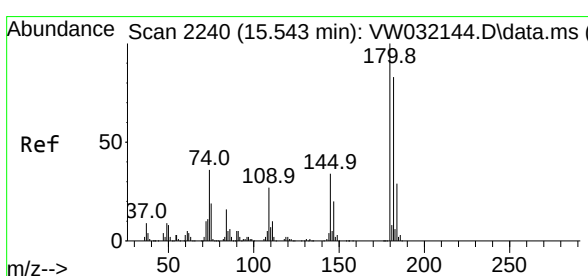
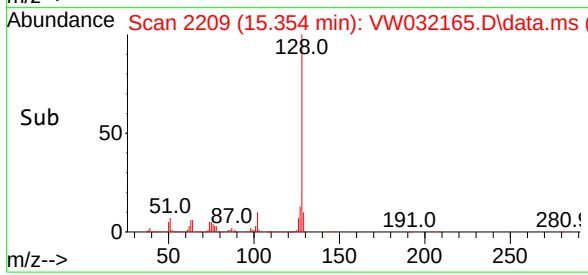
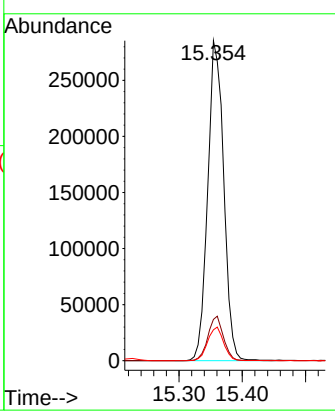
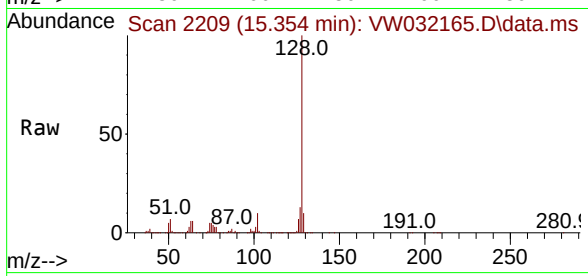


#95
 Naphthalene
 Concen: 53.830 ug/l
 RT: 15.354 min Scan# 2209
 Delta R.T. -0.006 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 501741

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	10.5	8.4	12.6



#96
 1,2,3-Trichlorobenzene
 Concen: 53.209 ug/l
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW032165.D
 Acq: 15 Sep 2025 09:14

Tgt Ion:180 Resp: 203801

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	35.1	17.2	51.6

