

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032167.D
 Acq On : 15 Sep 2025 10:45
 Operator : SY/MD
 Sample : VW0915SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:32:38 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	240396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	397124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	363928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	187406	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	158170	46.007	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	92.020%
35) Dibromofluoromethane	7.904	113	132320	47.491	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.980%
50) Toluene-d8	10.325	98	461509	47.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.617	95	166435	46.017	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	92.040%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	35878	22.605	ug/l	94
3) Chloromethane	2.253	50	33662	20.228	ug/l	96
4) Vinyl Chloride	2.405	62	44719	20.690	ug/l	99
5) Bromomethane	2.820	94	36854	19.094	ug/l	89
6) Chloroethane	2.972	64	28986	19.043	ug/l	99
7) Trichlorofluoromethane	3.301	101	35024	16.354	ug/l	96
8) Diethyl Ether	3.716	74	28335	17.730	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	45677	18.933	ug/l	99
10) Methyl Iodide	4.307	142	69737	18.984	ug/l	99
11) Tert butyl alcohol	5.216	59	18296	87.003	ug/l #	82
12) 1,1-Dichloroethene	4.076	96	48879	19.238	ug/l	92
13) Acrolein	3.929	56	17364	53.716	ug/l	96
14) Allyl chloride	4.697	41	70597	19.562	ug/l	99
15) Acrylonitrile	5.399	53	68769	88.505	ug/l	99
16) Acetone	4.161	43	84554	113.561	ug/l	95
17) Carbon Disulfide	4.423	76	124915	19.658	ug/l	99
18) Methyl Acetate	4.704	43	45812	19.311	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	90329	18.827	ug/l	99
20) Methylene Chloride	4.954	84	65813	18.856	ug/l	95
21) trans-1,2-Dichloroethene	5.453	96	54867	19.331	ug/l	95
22) Diisopropyl ether	6.337	45	153261	19.512	ug/l	96
23) Vinyl Acetate	6.283	43	487962	91.374	ug/l	99
24) 1,1-Dichloroethane	6.246	63	100930	19.628	ug/l	99
25) 2-Butanone	7.191	43	100709	95.452	ug/l	96
26) 2,2-Dichloropropane	7.179	77	55765	20.478	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	65834	19.062	ug/l	99
28) Bromochloromethane	7.526	49	44269	18.807	ug/l	99
29) Tetrahydrofuran	7.557	42	58819	87.729	ug/l	98
30) Chloroform	7.691	83	113951	19.409	ug/l	97
31) Cyclohexane	7.971	56	82446	19.534	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	81051	18.912	ug/l	96
36) 1,1-Dichloropropene	8.093	75	72912	20.183	ug/l	98
37) Ethyl Acetate	7.270	43	40051	18.481	ug/l	100
38) Carbon Tetrachloride	8.081	117	78254	20.207	ug/l	96
39) Methylcyclohexane	9.343	83	84841	19.828	ug/l	94
40) Benzene	8.337	78	223099	19.979	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032167.D
 Acq On : 15 Sep 2025 10:45
 Operator : SY/MD
 Sample : VW0915SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:32:38 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)
41) Methacrylonitrile	7.496	41	22131	18.381	ug/l	95
42) 1,2-Dichloroethane	8.410	62	77497	20.019	ug/l	99
43) Isopropyl Acetate	8.435	43	75774	18.638	ug/l	99
44) Trichloroethene	9.099	130	57237	20.382	ug/l	89
45) 1,2-Dichloropropane	9.373	63	55353	20.563	ug/l	96
46) Dibromomethane	9.465	93	36870	19.528	ug/l	99
47) Bromodichloromethane	9.648	83	85056	19.824	ug/l	96
48) Methyl methacrylate	9.441	41	35143	18.757	ug/l	98
49) 1,4-Dioxane	9.459	88	8322	364.804	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	214154	93.288	ug/l	98
52) Toluene	10.392	92	148346	20.329	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	76482	20.206	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	87118	20.172	ug/l	93
55) 1,1,2-Trichloroethane	10.788	97	48930	19.929	ug/l	96
56) Ethyl methacrylate	10.648	69	56667	18.053	ug/l	98
57) 1,3-Dichloropropane	10.934	76	79527	19.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	157203	93.831	ug/l	100
59) 2-Hexanone	10.971	43	155735	97.545	ug/l	97
60) Dibromochloromethane	11.129	129	58605	19.726	ug/l	98
61) 1,2-Dibromoethane	11.233	107	45235	18.735	ug/l	97
64) Tetrachloroethene	10.861	164	50598	21.124	ug/l	94
65) Chlorobenzene	11.660	112	164684	19.881	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	54155	19.858	ug/l	99
67) Ethyl Benzene	11.733	91	270232	19.911	ug/l	100
68) m/p-Xylenes	11.836	106	209407	40.090	ug/l	96
69) o-Xylene	12.166	106	97958	19.827	ug/l	100
70) Styrene	12.178	104	179166	20.571	ug/l	96
71) Bromoform	12.349	173	30719	18.965	ug/l #	96
73) Isopropylbenzene	12.458	105	246148	19.333	ug/l	99
74) N-amyl acetate	12.269	43	65562	17.737	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	58285	19.263	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	72674	30.954	ug/l	44
77) Bromobenzene	12.745	156	62987	19.400	ug/l	94
78) n-propylbenzene	12.800	91	315051	20.382	ug/l	99
79) 2-Chlorotoluene	12.891	91	191667	20.278	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	218820	20.300	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	16287	18.678	ug/l	96
82) 4-Chlorotoluene	12.989	91	201825	19.948	ug/l	97
83) tert-Butylbenzene	13.202	119	187332	20.496	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	220586	19.780	ug/l	100
85) sec-Butylbenzene	13.379	105	274787	20.137	ug/l	100
86) p-Isopropyltoluene	13.495	119	234738	20.228	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	131999	20.192	ug/l	97
88) 1,4-Dichlorobenzene	13.580	146	129562	19.773	ug/l	98
89) n-Butylbenzene	13.818	91	223896	20.237	ug/l	98
90) Hexachloroethane	14.086	117	43085	20.297	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	117721	20.340	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.482	75	10155	18.998	ug/l	91
93) 1,2,4-Trichlorobenzene	15.129	180	69971	18.922	ug/l	98
94) Hexachlorobutadiene	15.232	225	33818	18.440	ug/l	92
95) Naphthalene	15.360	128	150585	17.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	61844	17.983	ug/l	94

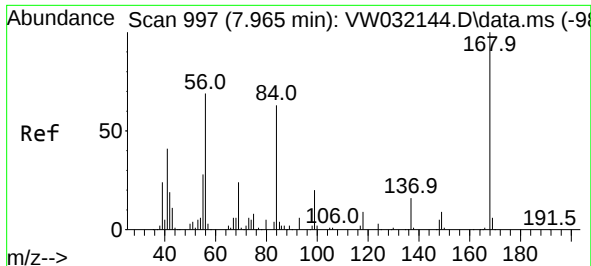
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
Data File : VW032167.D
Acq On : 15 Sep 2025 10:45
Operator : SY/MD
Sample : VW0915SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 16 06:32:38 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

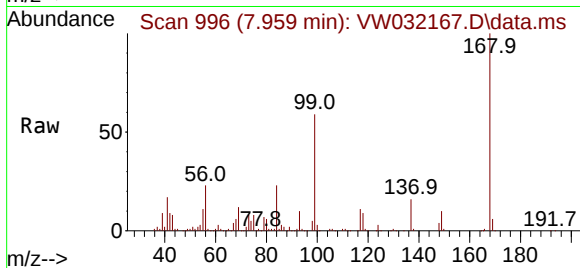
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

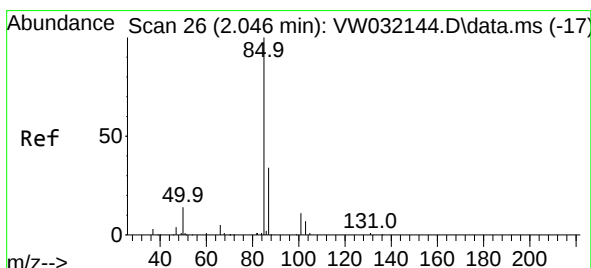
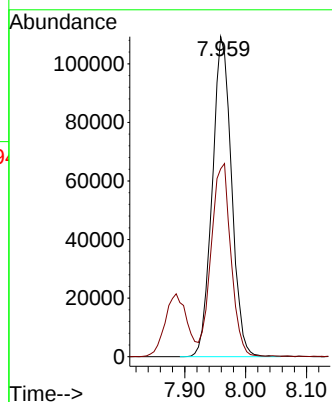
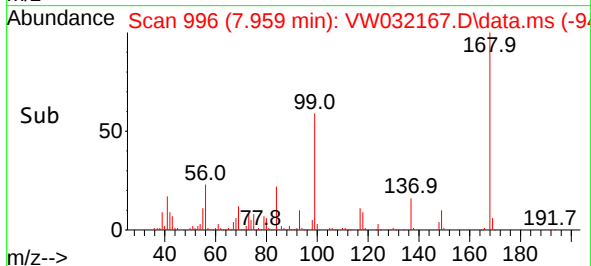


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :

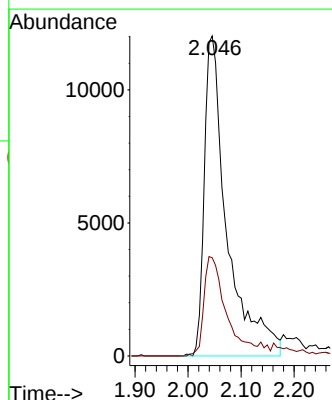
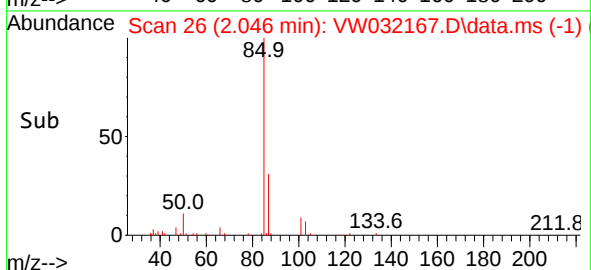
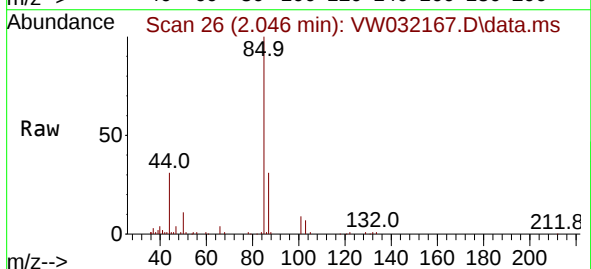


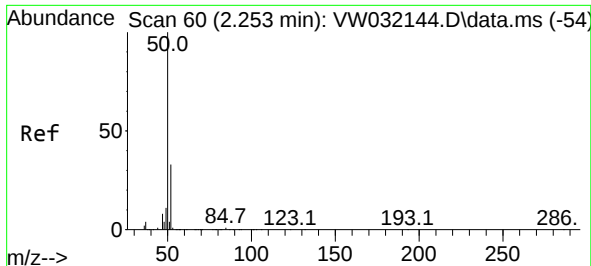
Tgt Ion:168 Resp: 240396
Ion Ratio Lower Upper
168 100
99 58.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 22.605 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 85 Resp: 35878
Ion Ratio Lower Upper
85 100
87 30.7 17.2 51.6



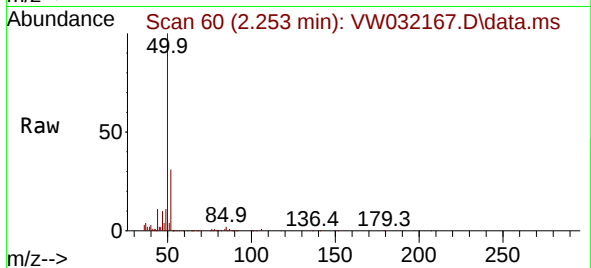


#3
Chloromethane
Concen: 20.228 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

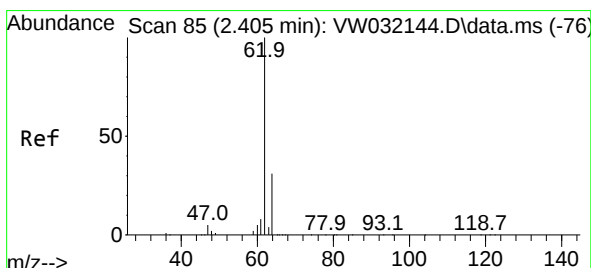
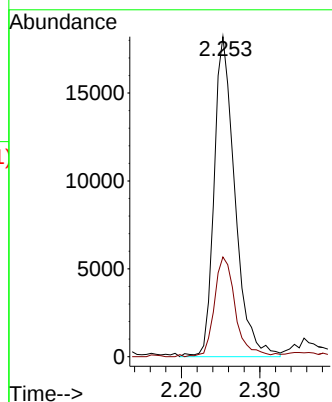
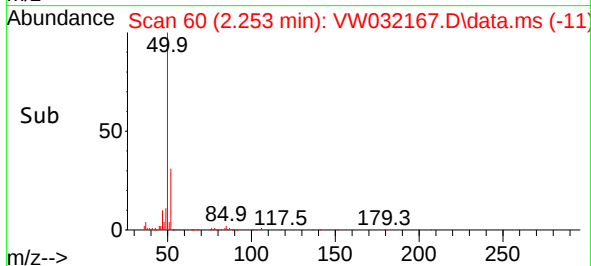
Instrument :

MSVOA_W

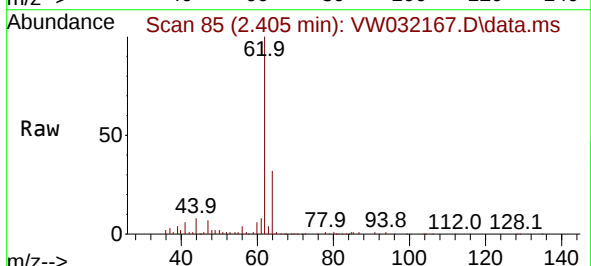
ClientSampleId :



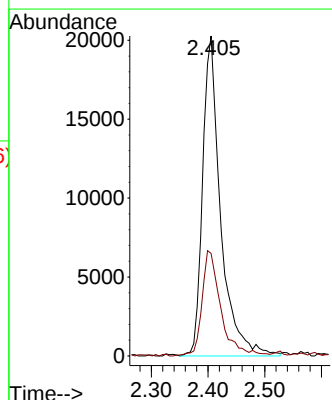
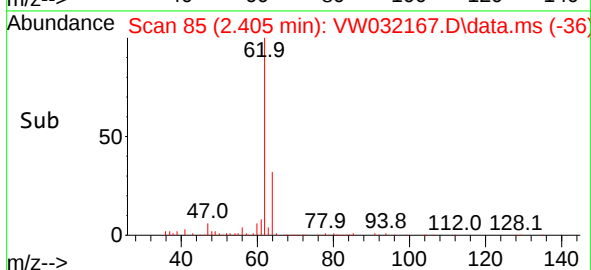
Tgt Ion: 50 Resp: 33662
Ion Ratio Lower Upper
50 100
52 30.5 26.1 39.1

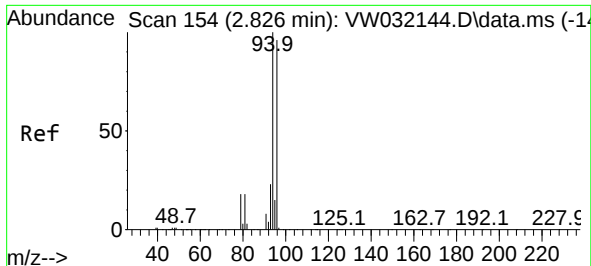


#4
Vinyl Chloride
Concen: 20.690 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45



Tgt Ion: 62 Resp: 44719
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2

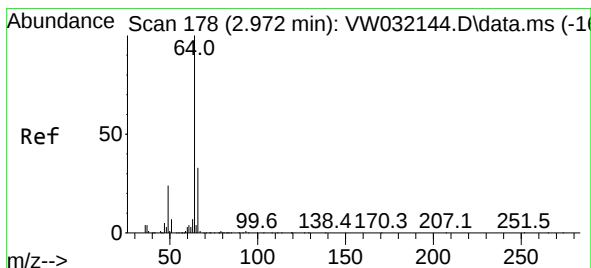
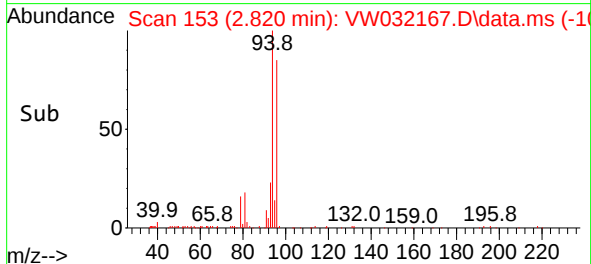
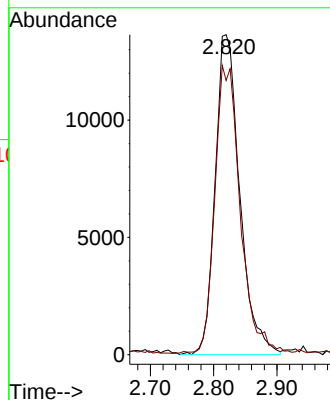
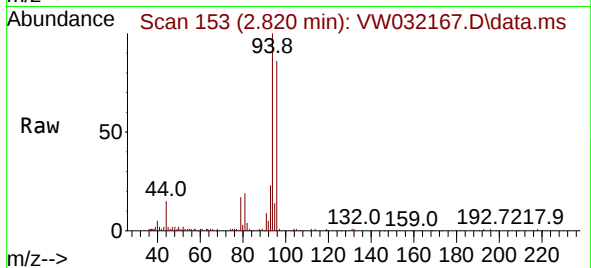




#5
Bromomethane
Concen: 19.094 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

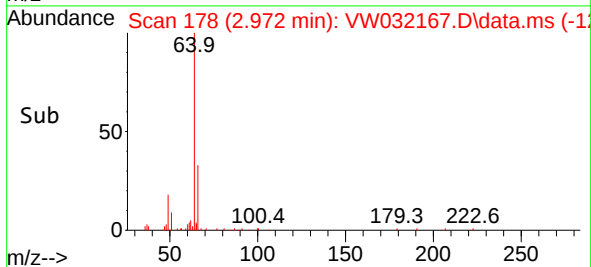
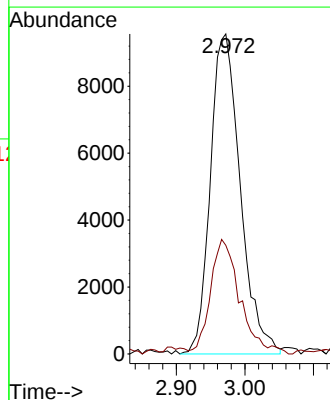
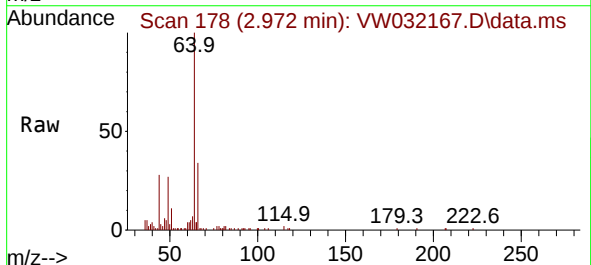
Instrument :
MSVOA_W
ClientSampleId :

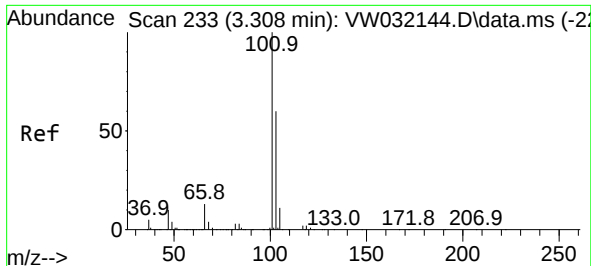
Tgt Ion: 94 Resp: 36854
Ion Ratio Lower Upper
94 100
96 85.2 76.6 115.0



#6
Chloroethane
Concen: 19.043 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 64 Resp: 28986
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4

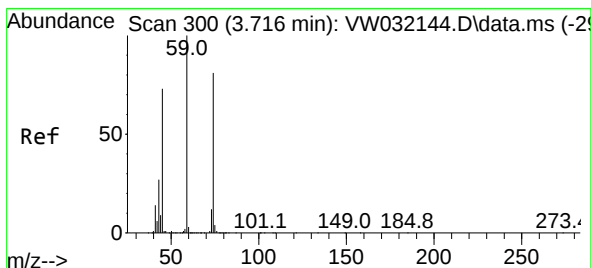
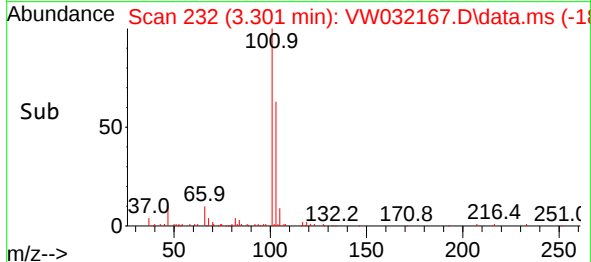
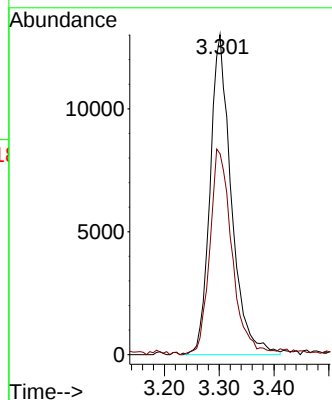
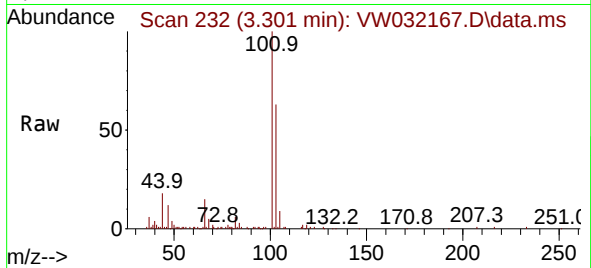




#7
 Trichlorofluoromethane
 Concen: 16.354 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032167.D
 Acq: 15 Sep 2025 10:45

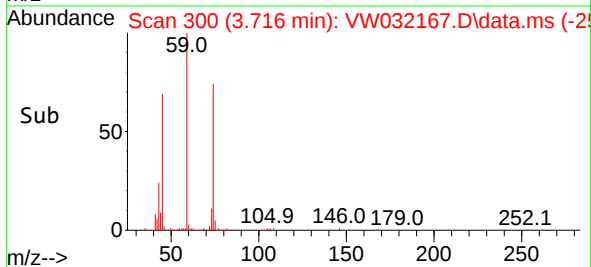
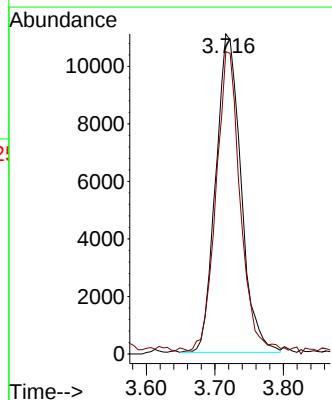
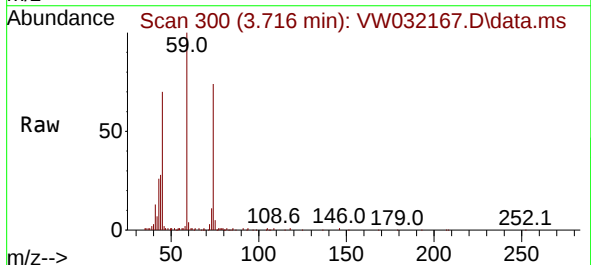
Instrument :
 MSVOA_W
 ClientSampleId :

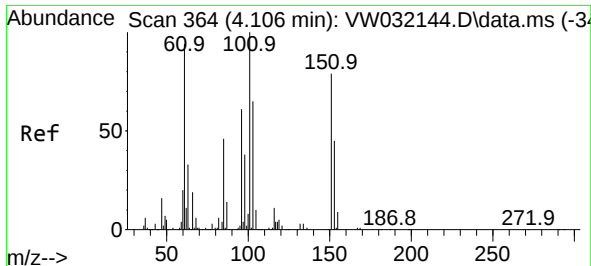
Tgt Ion:101 Resp: 35024
 Ion Ratio Lower Upper
 101 100
 103 62.8 47.8 71.8



#8
 Diethyl Ether
 Concen: 17.730 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
 Lab File: VW032167.D
 Acq: 15 Sep 2025 10:45

Tgt Ion: 74 Resp: 28335
 Ion Ratio Lower Upper
 74 100
 45 89.2 43.1 129.4

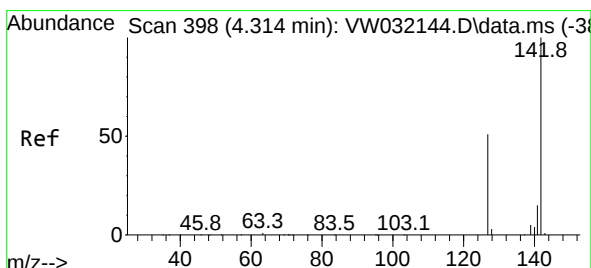
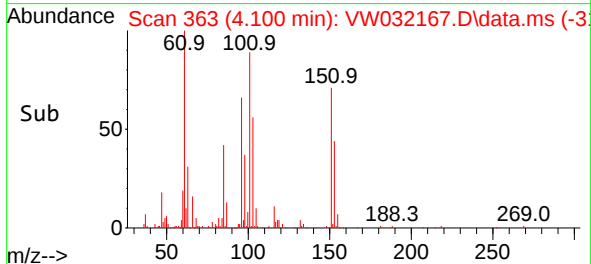
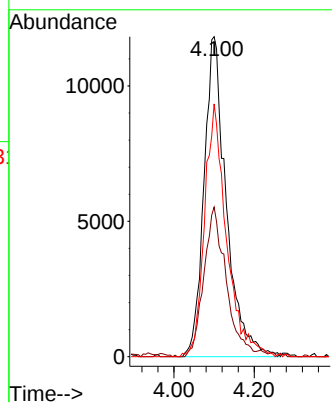
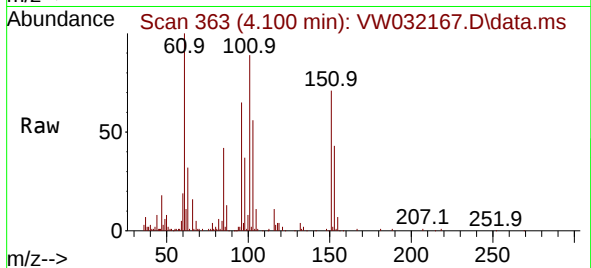




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.933 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

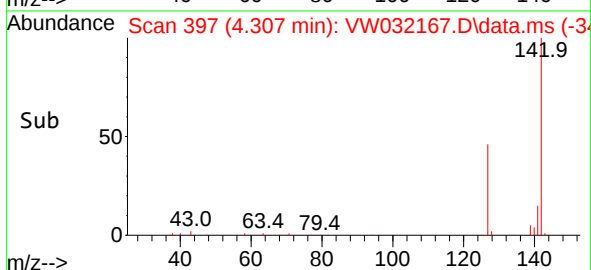
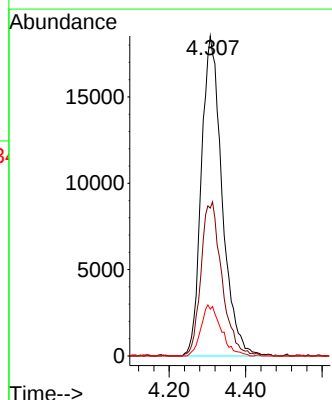
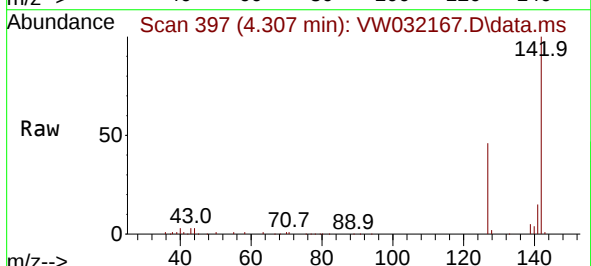
Instrument :
MSVOA_W
ClientSampleId :

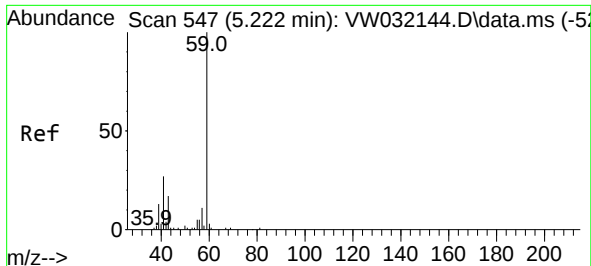
Tgt Ion:101 Resp: 45677
Ion Ratio Lower Upper
101 100
85 46.7 37.1 55.7
151 77.8 61.5 92.3



#10
Methyl Iodide
Concen: 18.984 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

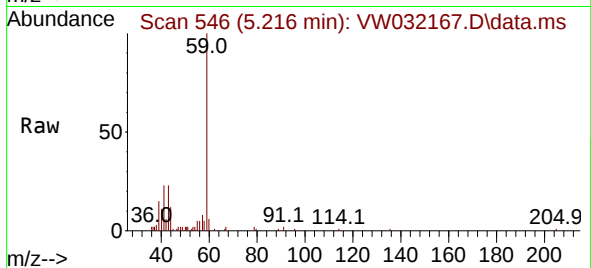
Tgt Ion:142 Resp: 69737
Ion Ratio Lower Upper
142 100
127 48.8 38.2 57.2
141 15.5 12.2 18.2



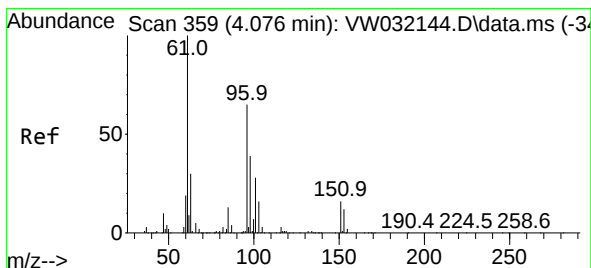
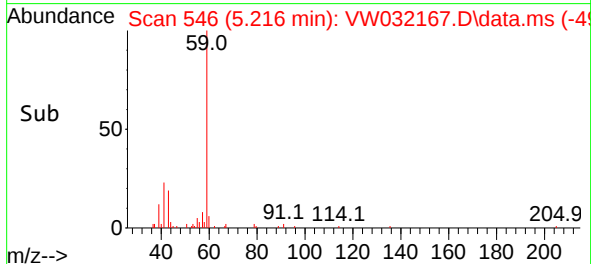
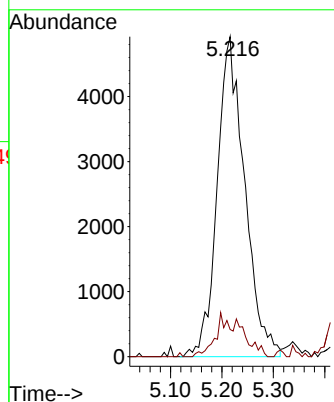


#11
Tert butyl alcohol
Concen: 87.003 ug/l
RT: 5.216 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :

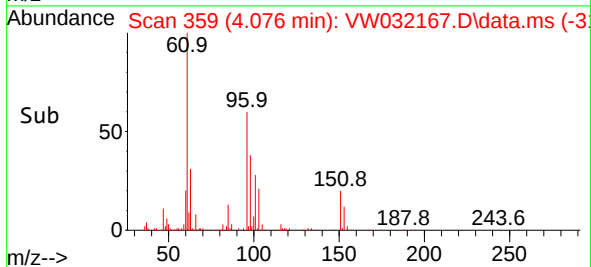
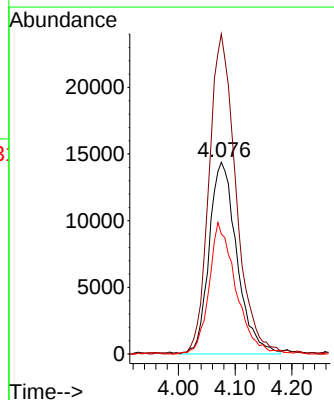
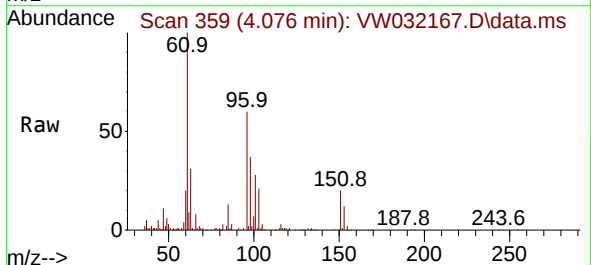


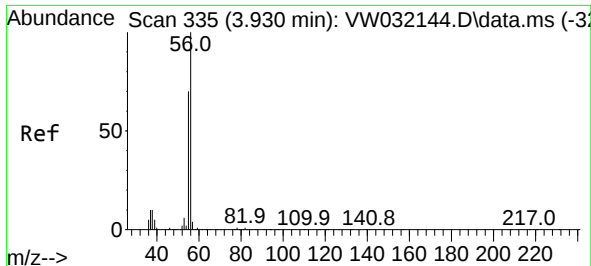
Tgt Ion: 59 Resp: 18296
Ion Ratio Lower Upper
59 100
57 5.4 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 19.238 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 96 Resp: 48879
Ion Ratio Lower Upper
96 100
61 166.7 123.0 184.4
98 62.0 48.5 72.7

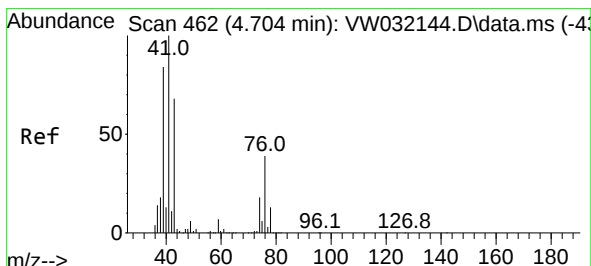
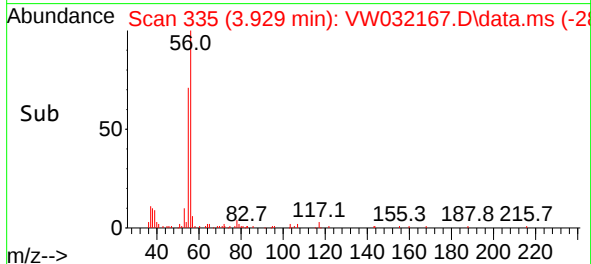
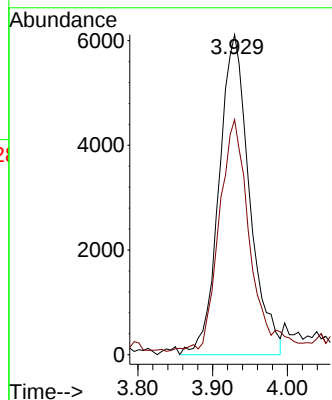
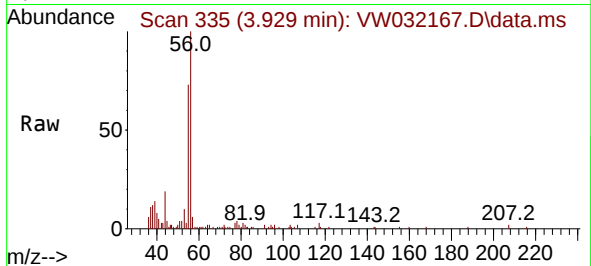




#13
Acrolein
Concen: 53.716 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

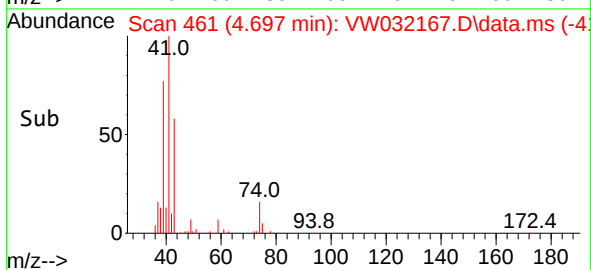
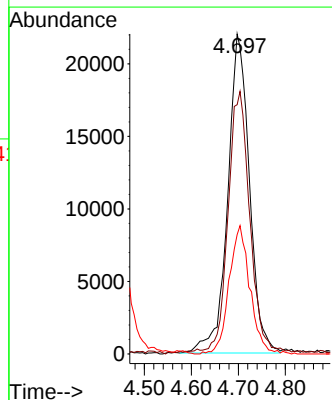
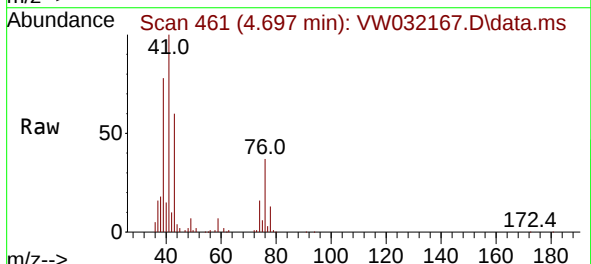
Instrument :
MSVOA_W
ClientSampleId :

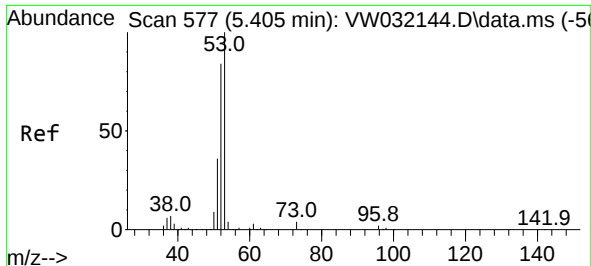
Tgt Ion: 56 Resp: 17364
Ion Ratio Lower Upper
56 100
55 73.5 56.4 84.6



#14
Allyl chloride
Concen: 19.562 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

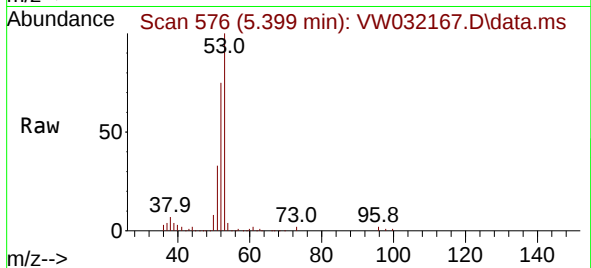
Tgt Ion: 41 Resp: 70597
Ion Ratio Lower Upper
41 100
39 80.5 64.1 96.1
76 38.8 31.4 47.2



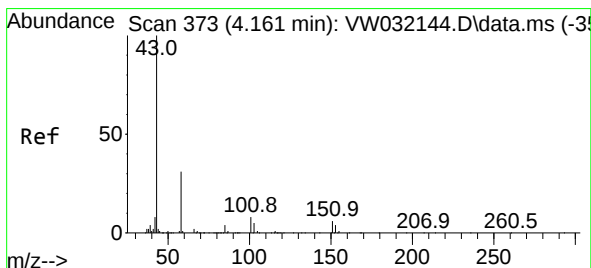
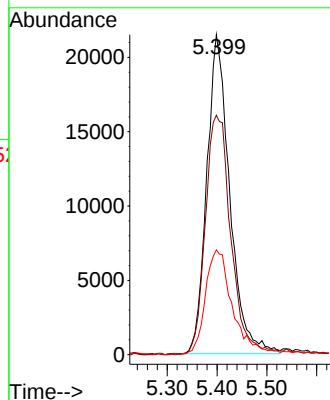
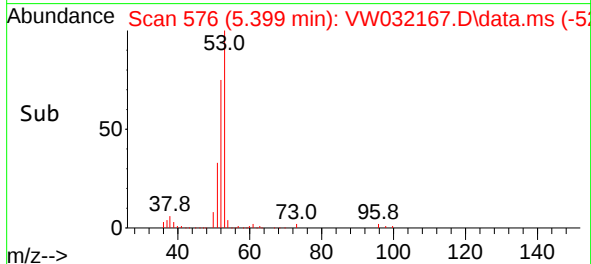


#15
Acrylonitrile
Concen: 88.505 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :

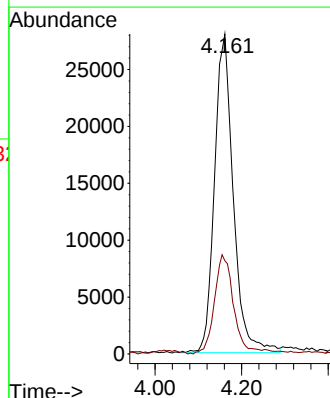
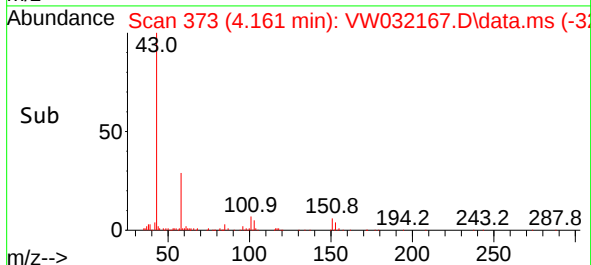
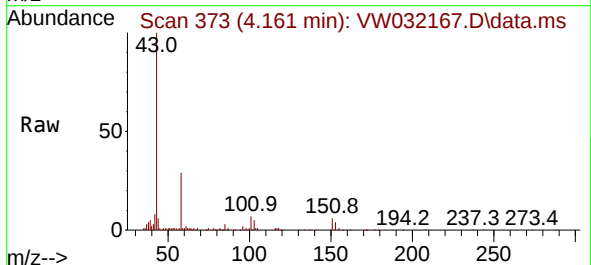


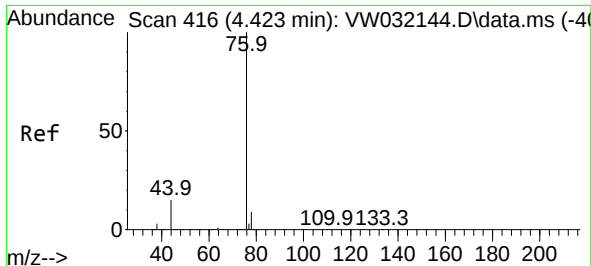
Tgt Ion: 53 Resp: 68769
Ion Ratio Lower Upper
53 100
52 83.5 67.4 101.2
51 38.6 30.3 45.5



#16
Acetone
Concen: 113.561 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 43 Resp: 84554
Ion Ratio Lower Upper
43 100
58 28.7 25.3 37.9

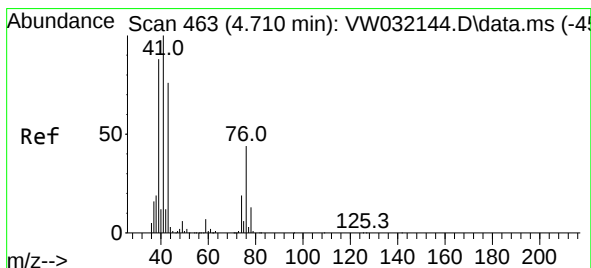
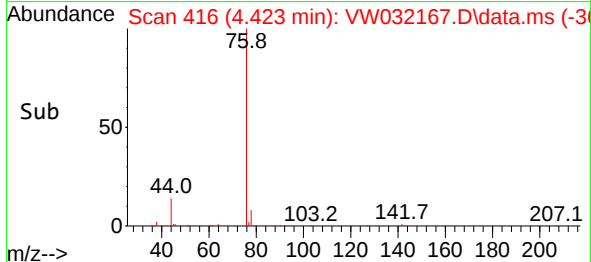
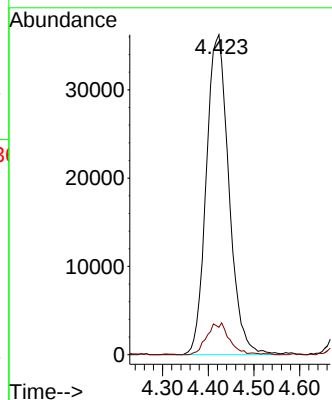
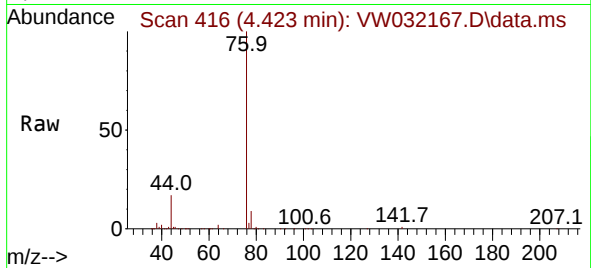




#17
Carbon Disulfide
Concen: 19.658 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

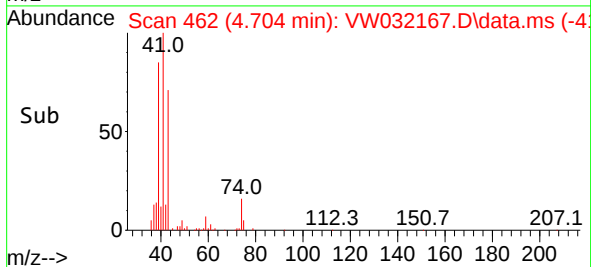
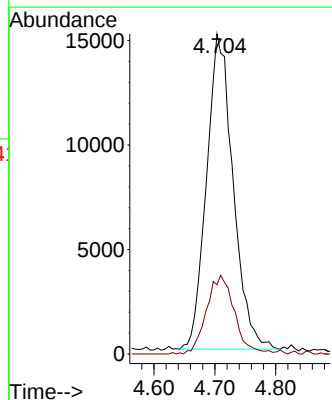
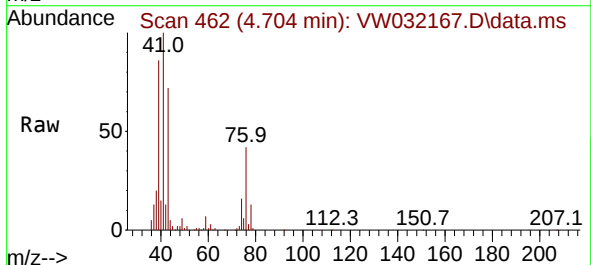
Instrument :
MSVOA_W
ClientSampleId :

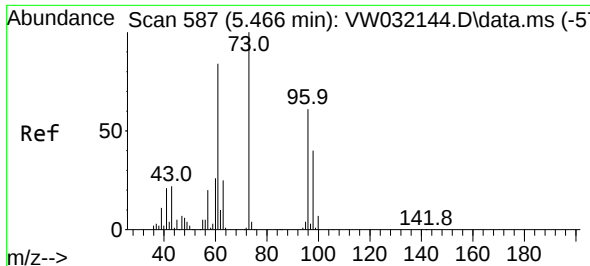
Tgt Ion: 76 Resp: 124915
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 19.311 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 43 Resp: 45812
Ion Ratio Lower Upper
43 100
74 26.1 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 18.827 ug/l

RT: 5.466 min Scan# 503

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

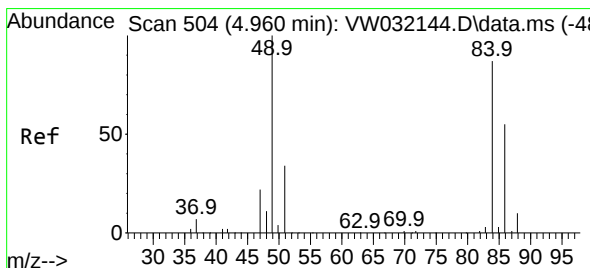
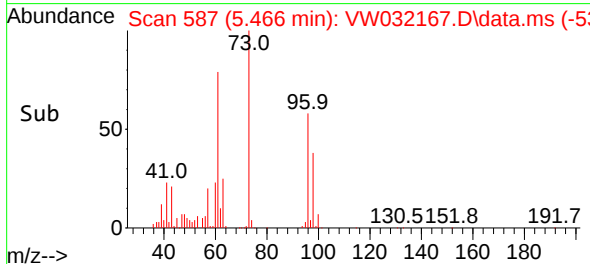
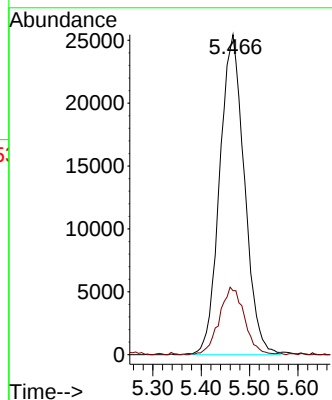
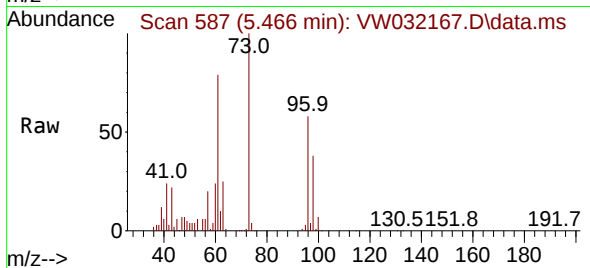
ClientSampleId :

Tgt Ion: 73 Resp: 90329

Ion Ratio Lower Upper

73 100

57 20.0 16.2 24.4



#20

Methylene Chloride

Concen: 18.856 ug/l

RT: 4.954 min Scan# 503

Delta R.T. -0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Tgt Ion: 84 Resp: 65813

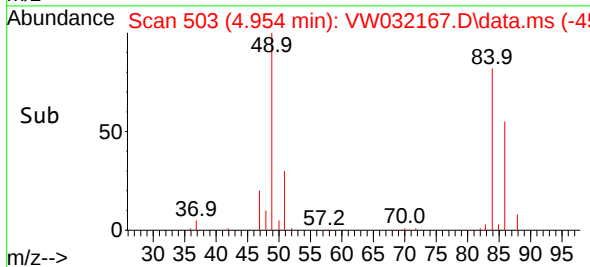
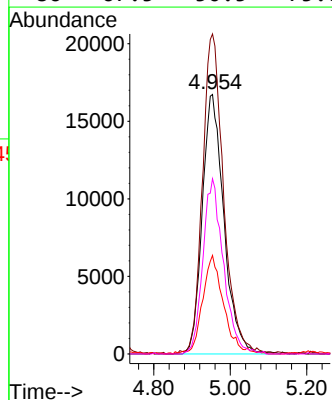
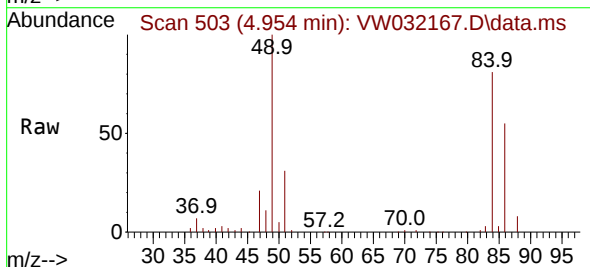
Ion Ratio Lower Upper

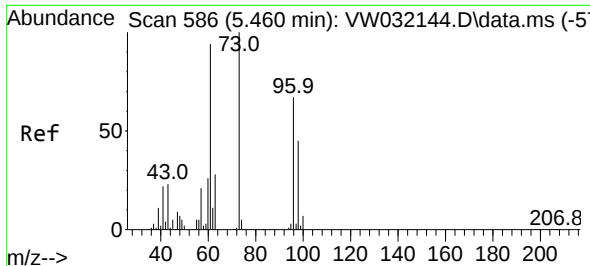
84 100

49 122.6 92.2 138.4

51 38.0 31.0 46.6

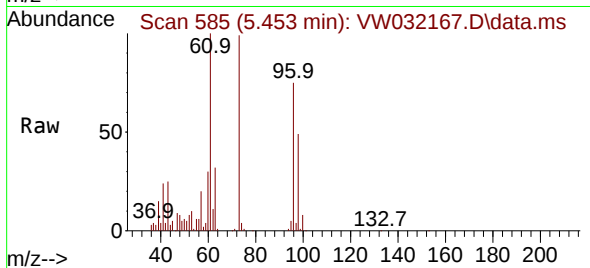
86 67.5 50.5 75.7



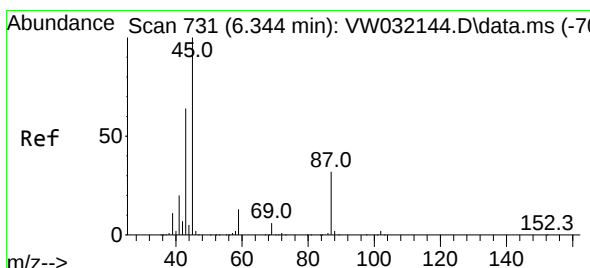
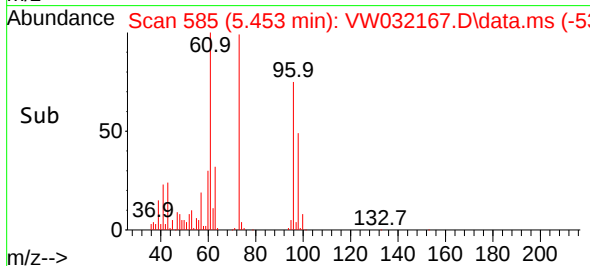
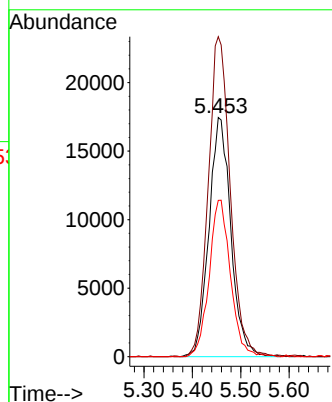


#21
trans-1,2-Dichloroethene
Concen: 19.331 ug/l
RT: 5.453 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :

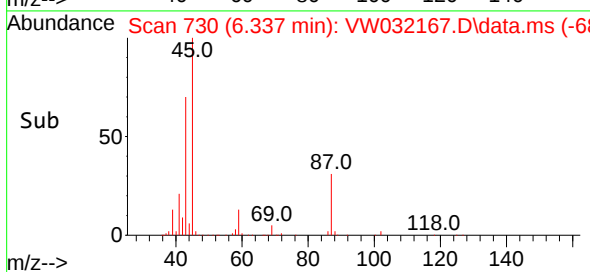
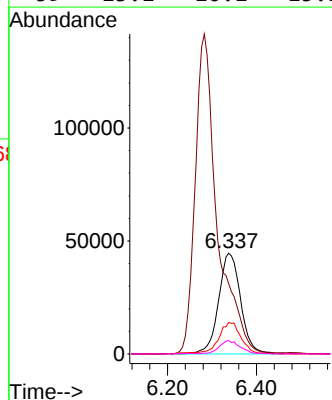
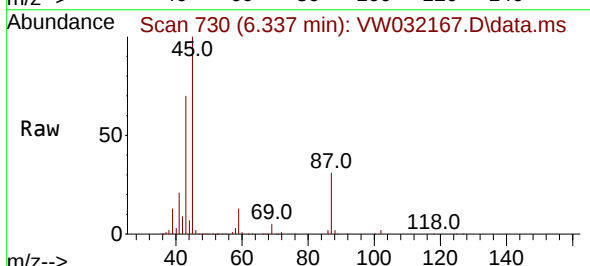


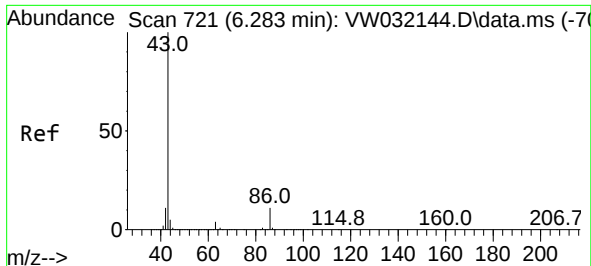
Tgt Ion: 96 Resp: 54867
Ion Ratio Lower Upper
96 100
61 133.8 112.5 168.7
98 65.4 54.2 81.4



#22
Diisopropyl ether
Concen: 19.512 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 45 Resp: 153261
Ion Ratio Lower Upper
45 100
43 68.6 51.4 77.2
87 31.3 25.9 38.9
59 13.1 10.1 15.1

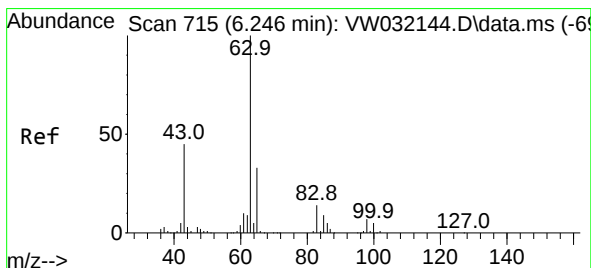
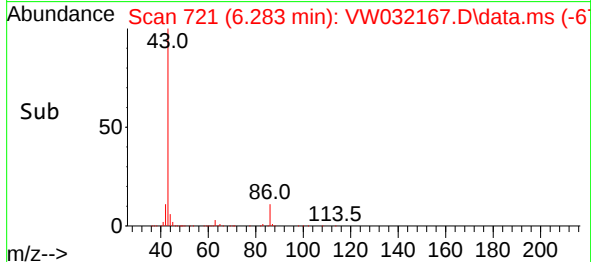
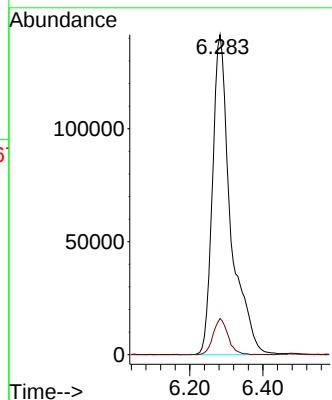
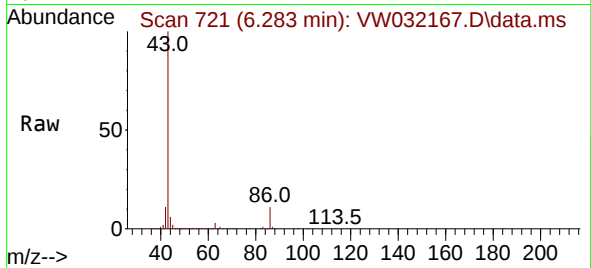




#23
 Vinyl Acetate
 Concen: 91.374 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032167.D
 Acq: 15 Sep 2025 10:45

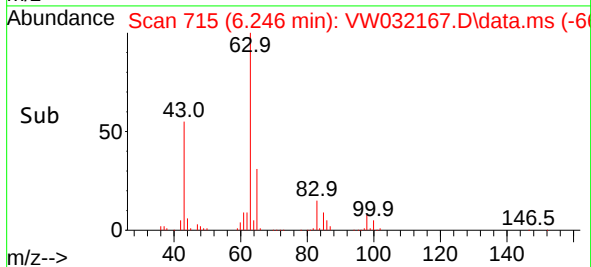
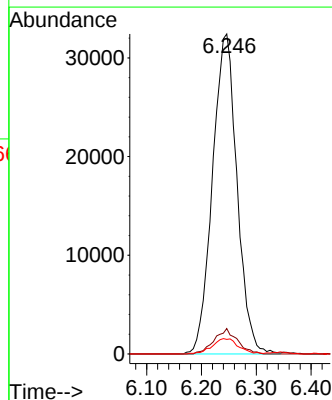
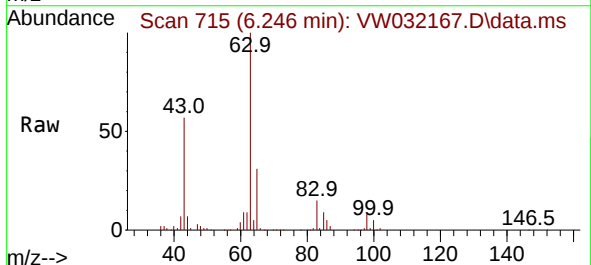
Instrument :
 MSVOA_W
 ClientSampleId :

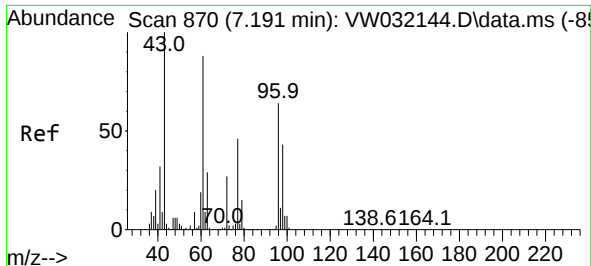
Tgt Ion: 43 Resp: 487962
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 19.628 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032167.D
 Acq: 15 Sep 2025 10:45

Tgt Ion: 63 Resp: 100930
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.6 2.5 7.5

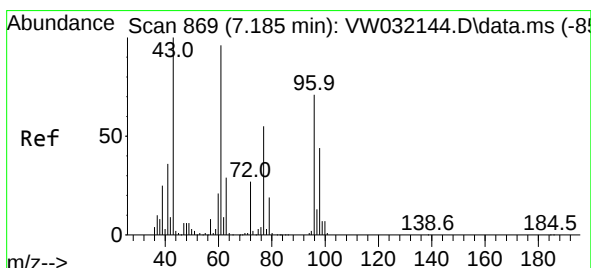
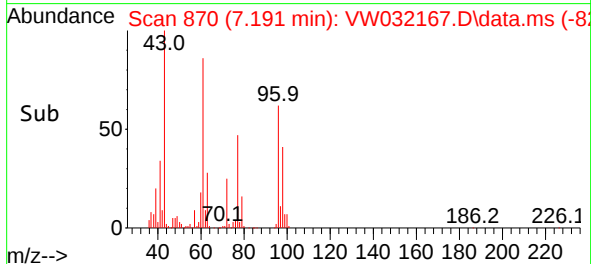
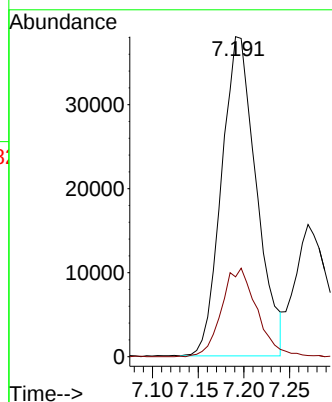
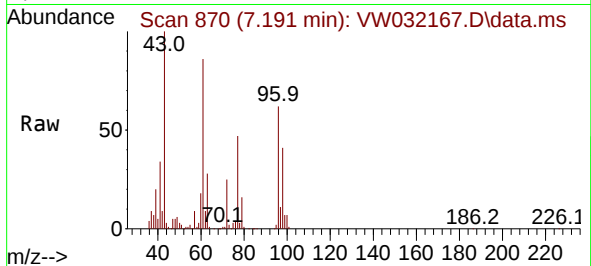




#25
2-Butanone
Concen: 95.452 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

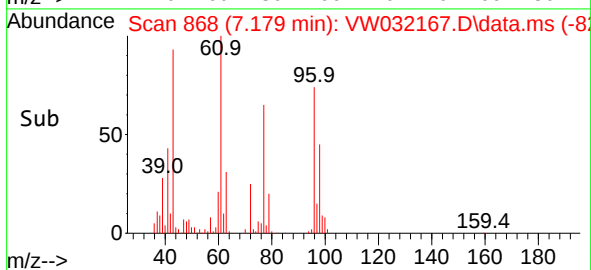
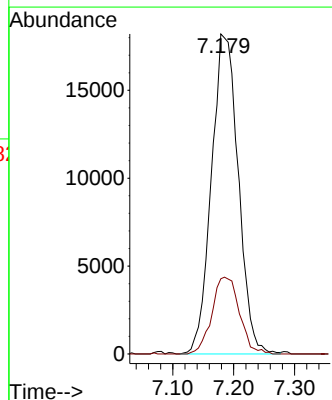
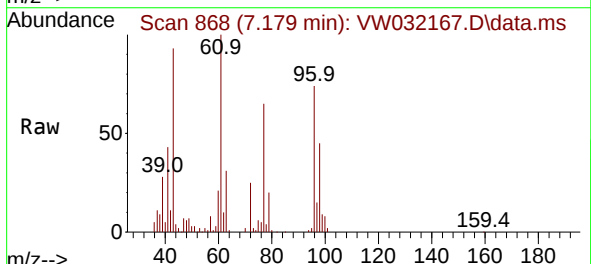
Instrument :
MSVOA_W
ClientSampleId :

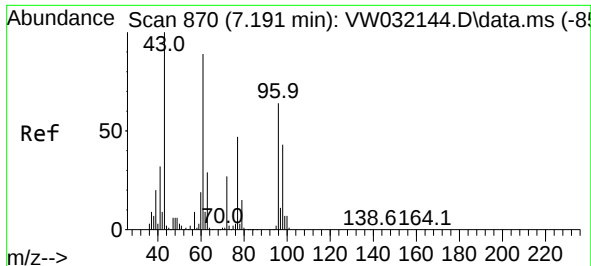
Tgt Ion: 43 Resp: 100709
Ion Ratio Lower Upper
43 100
72 24.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.478 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 77 Resp: 55765
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.062 ug/l

RT: 7.191 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

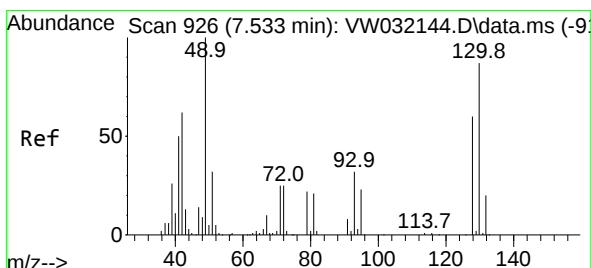
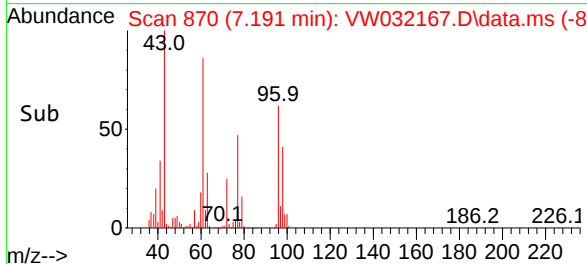
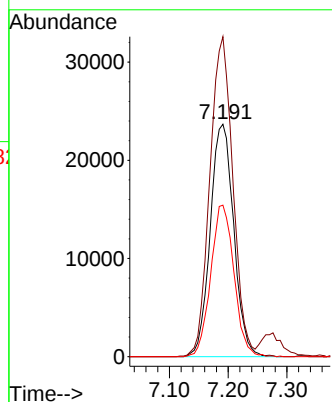
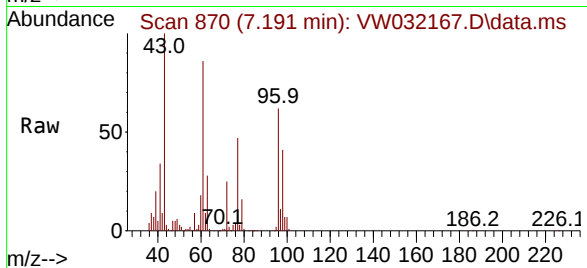
Tgt Ion: 96 Resp: 65834

Ion Ratio Lower Upper

96 100

61 134.8 0.0 268.0

98 64.4 0.0 130.8



#28

Bromochloromethane

Concen: 18.807 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

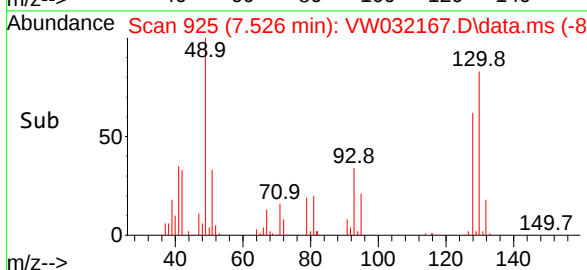
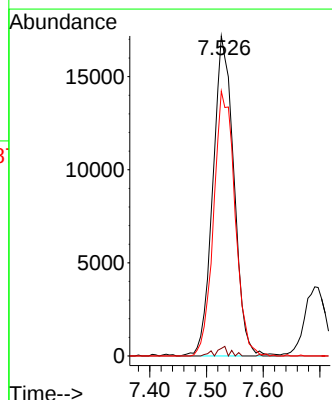
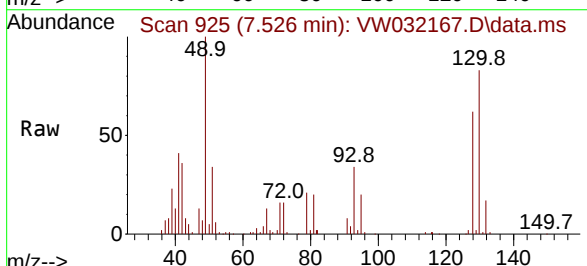
Tgt Ion: 49 Resp: 44269

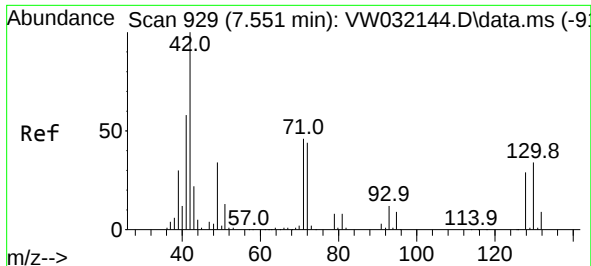
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

130 83.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 87.729 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

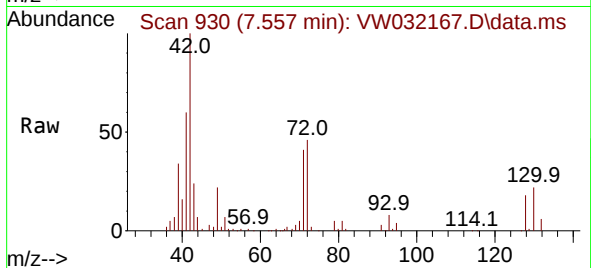
Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :



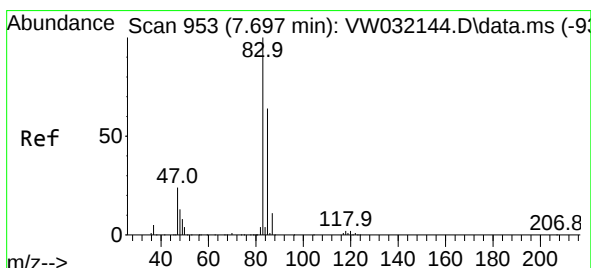
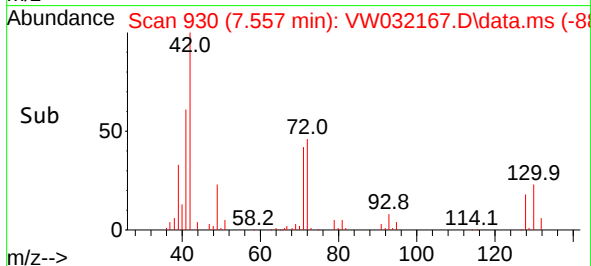
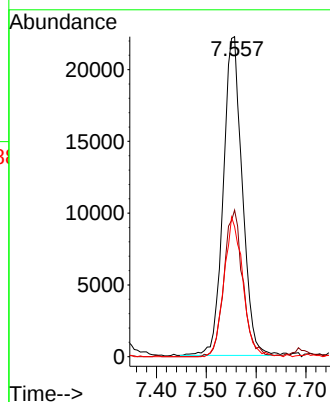
Tgt Ion: 42 Resp: 58819

Ion Ratio Lower Upper

42 100

72 45.7 37.4 56.2

71 43.7 36.0 54.0



#30

Chloroform

Concen: 19.409 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032167.D

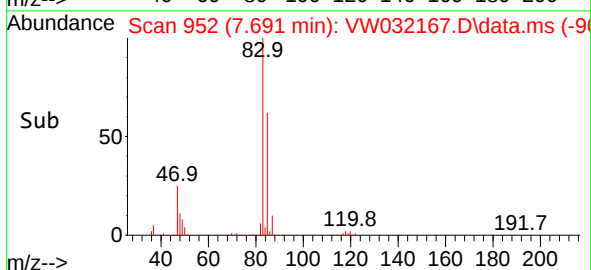
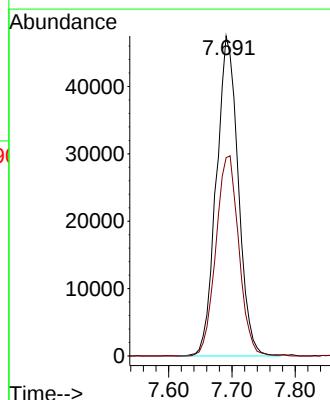
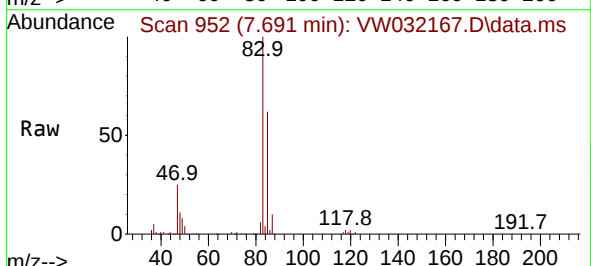
Acq: 15 Sep 2025 10:45

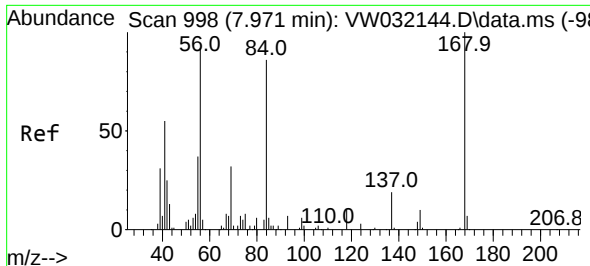
Tgt Ion: 83 Resp: 113951

Ion Ratio Lower Upper

83 100

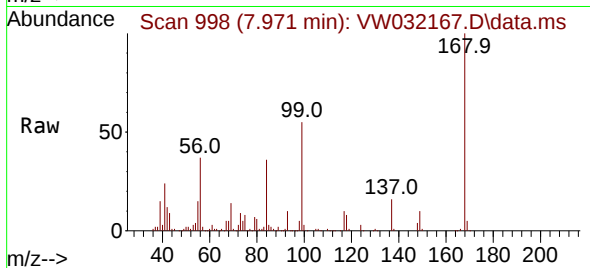
85 62.0 51.2 76.8



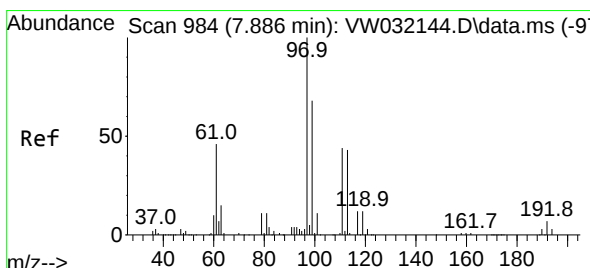
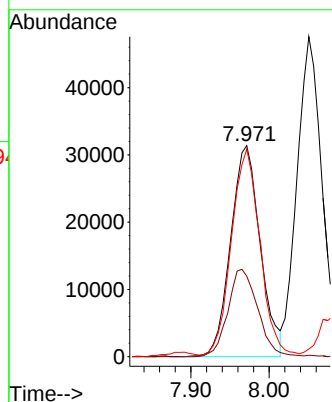
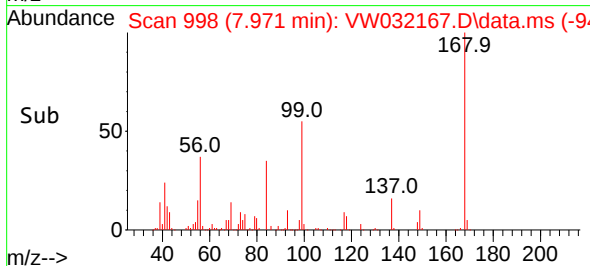


#31
Cyclohexane
Concen: 19.534 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :

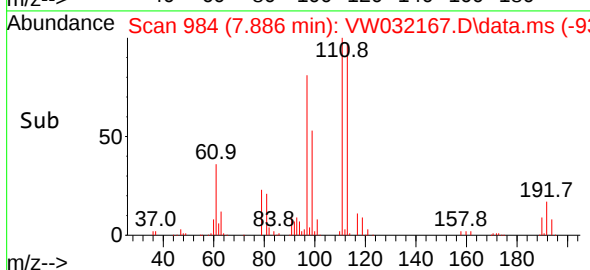
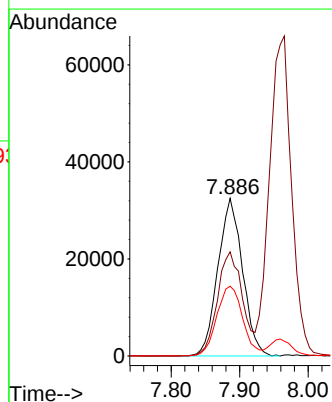
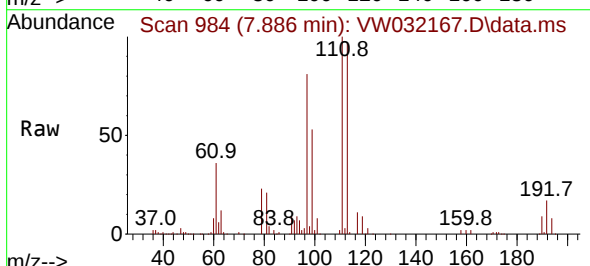


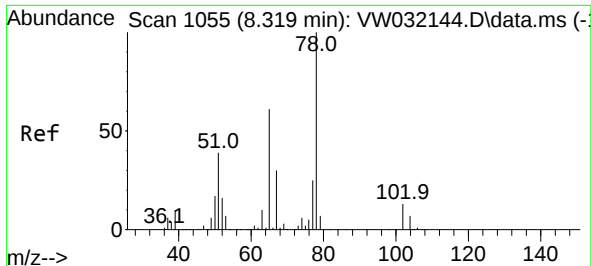
Tgt Ion: 56 Resp: 82446
Ion Ratio Lower Upper
56 100
69 38.1 27.7 41.5
84 96.3 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 18.912 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 97 Resp: 81051
Ion Ratio Lower Upper
97 100
99 67.8 50.9 76.3
61 46.8 36.2 54.4

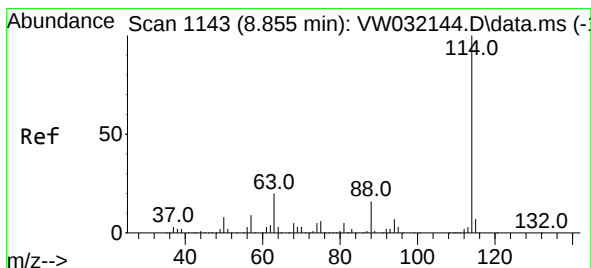
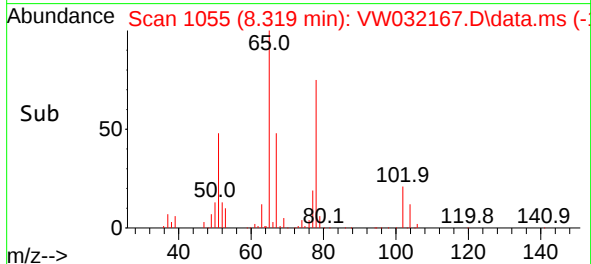
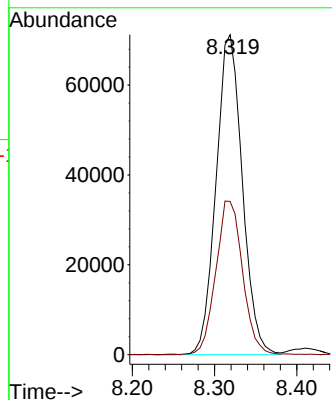
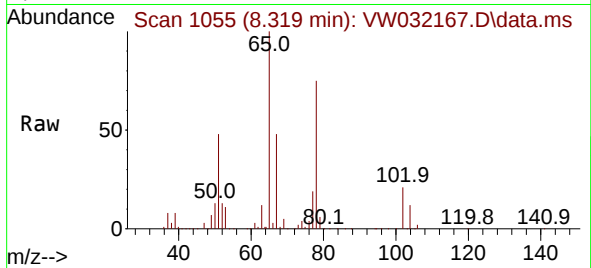




#33
 1,2-Dichloroethane-d4
 Concen: 46.007 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032167.D
 Acq: 15 Sep 2025 10:45

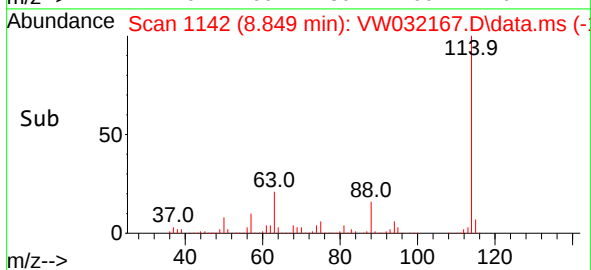
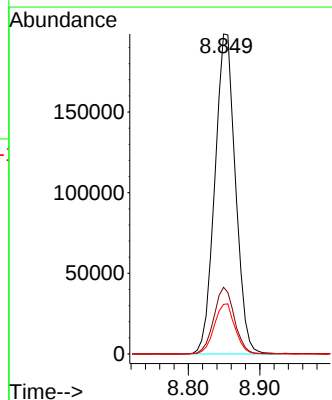
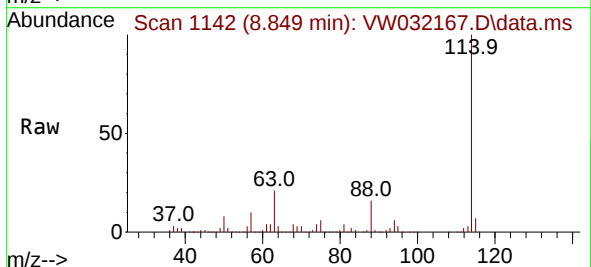
Instrument :
 MSVOA_W
 ClientSampleId :

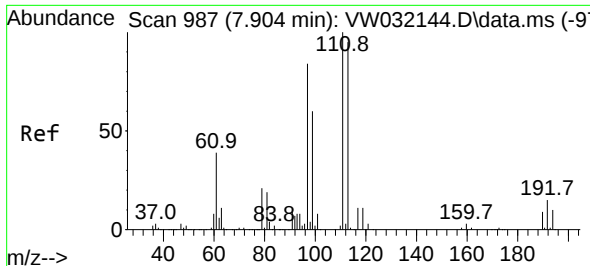
Tgt Ion: 65 Resp: 158170
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032167.D
 Acq: 15 Sep 2025 10:45

Tgt Ion: 114 Resp: 397124
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.4
 88 15.5 0.0 32.0

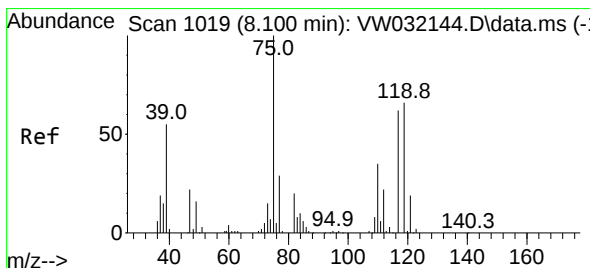
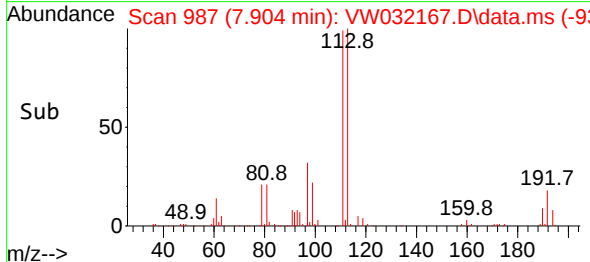
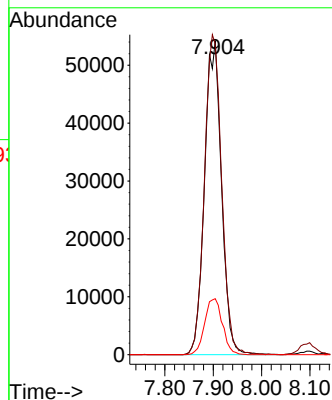
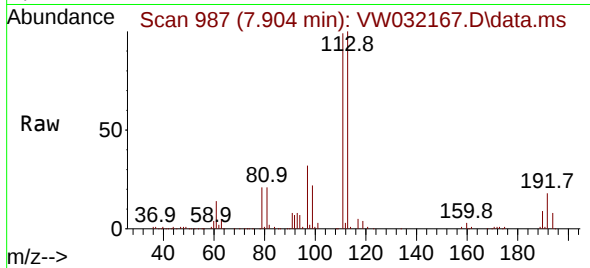




#35
 Dibromofluoromethane
 Concen: 47.491 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032167.D
 Acq: 15 Sep 2025 10:45

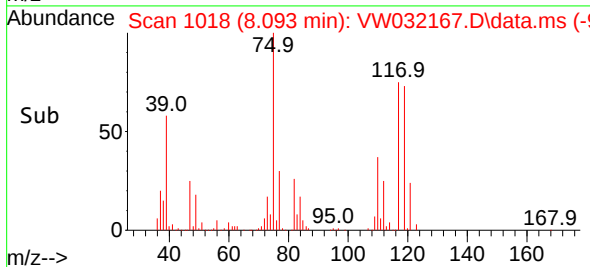
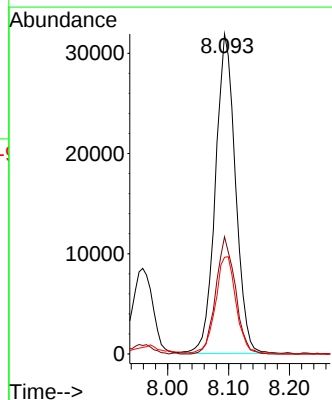
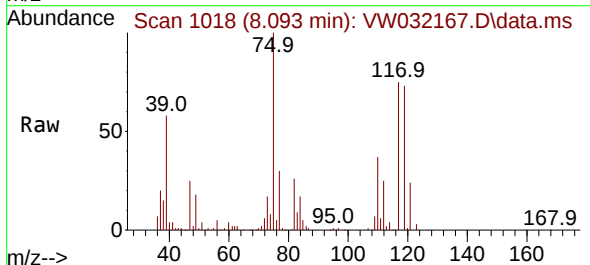
Instrument :
 MSVOA_W
 ClientSampleId :

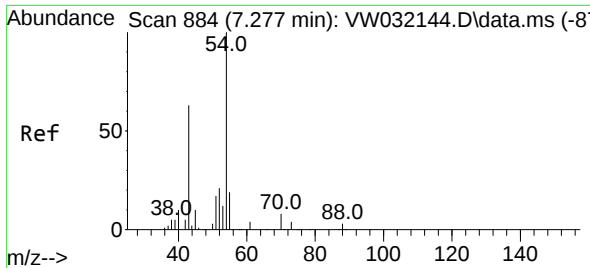
Tgt Ion:113 Resp: 132320
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.9 125.9
 192 18.6 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 20.183 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032167.D
 Acq: 15 Sep 2025 10:45

Tgt Ion: 75 Resp: 72912
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.5 52.5
 77 31.5 24.1 36.1

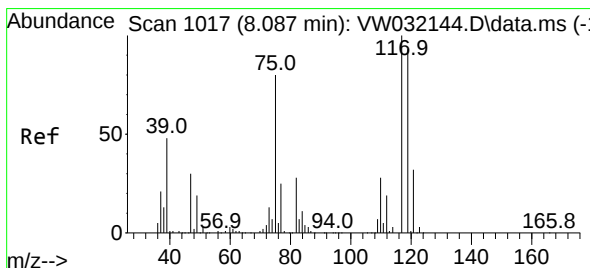
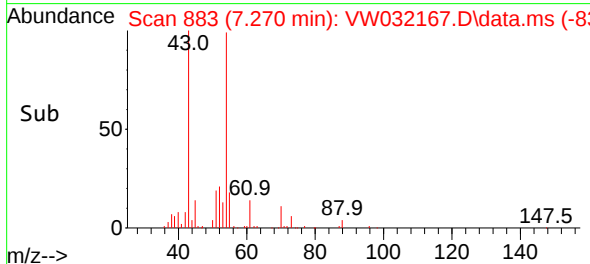
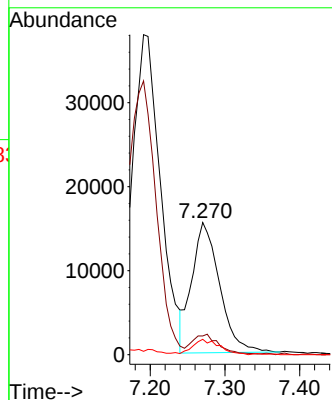
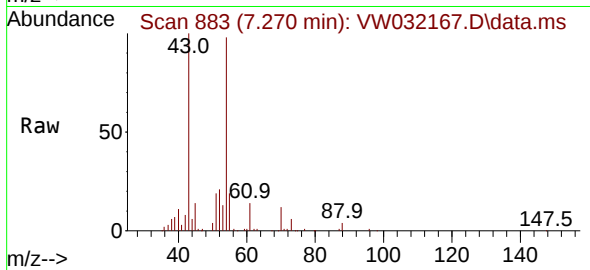




#37
Ethyl Acetate
Concen: 18.481 ug/l
RT: 7.270 min Scan# 81
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

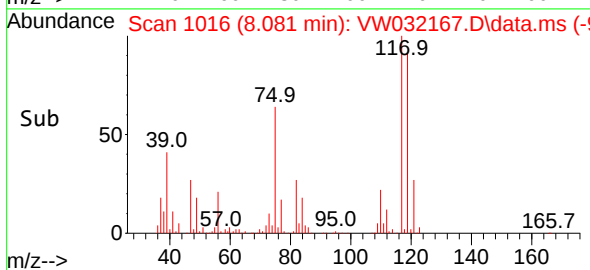
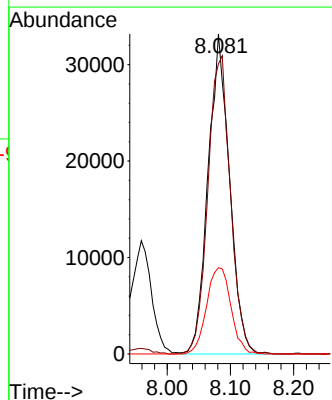
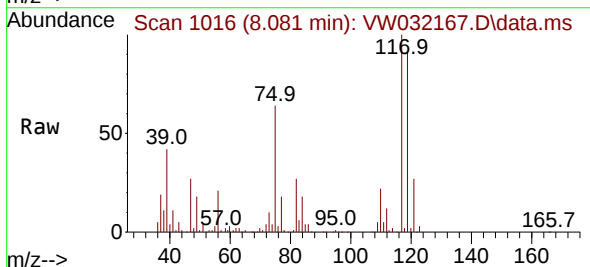
Instrument :
MSVOA_W
ClientSampleId :

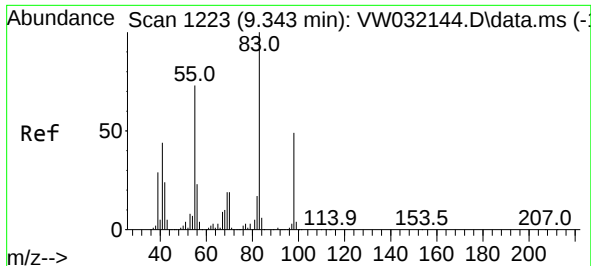
Tgt Ion: 43 Resp: 40051
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.207 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 117 Resp: 78254
Ion Ratio Lower Upper
117 100
119 90.7 74.2 111.2
121 26.9 25.6 38.4





#39

Methylcyclohexane

Concen: 19.828 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

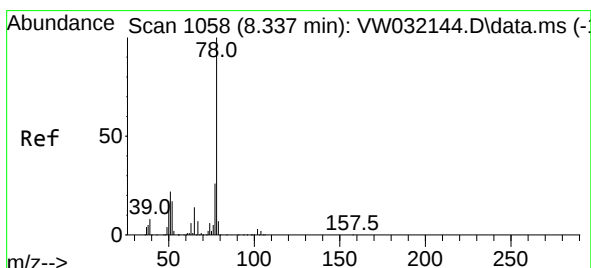
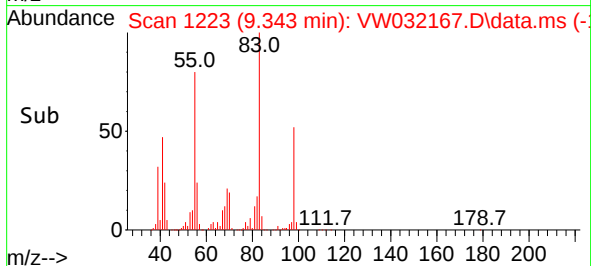
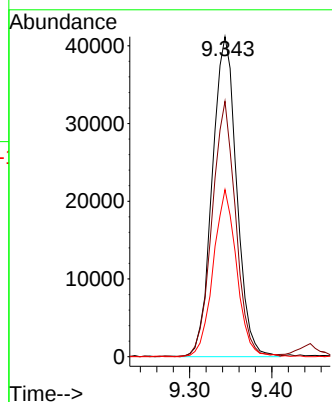
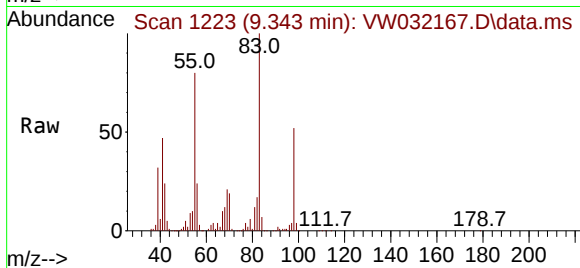
Tgt Ion: 83 Resp: 84841

Ion Ratio Lower Upper

83 100

55 79.5 58.4 87.6

98 52.2 39.4 59.2



#40

Benzene

Concen: 19.979 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032167.D

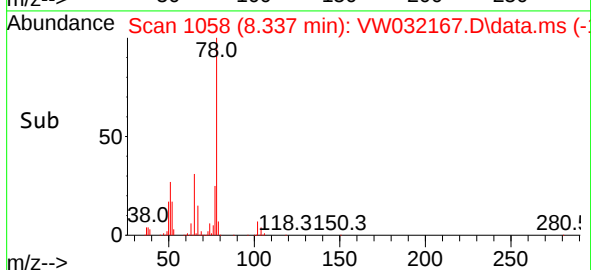
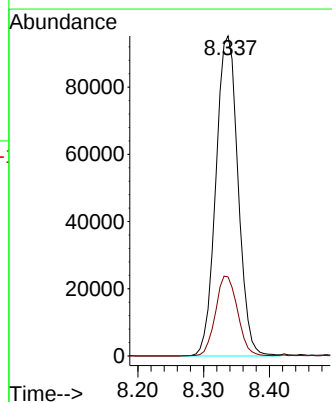
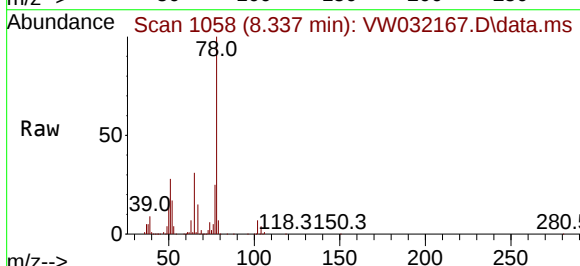
Acq: 15 Sep 2025 10:45

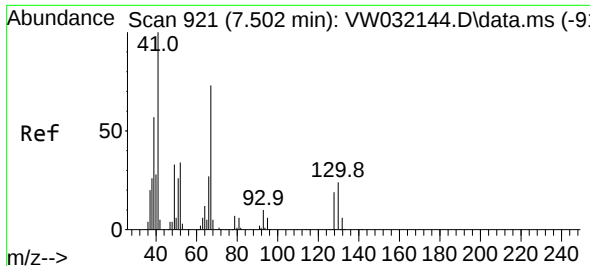
Tgt Ion: 78 Resp: 223099

Ion Ratio Lower Upper

78 100

77 24.7 20.7 31.1

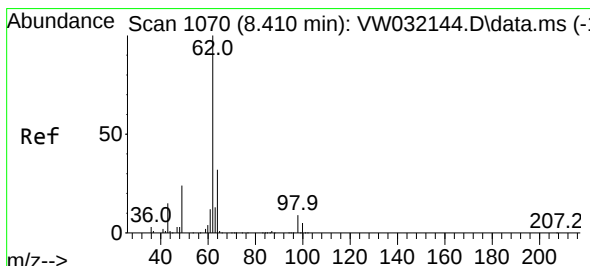
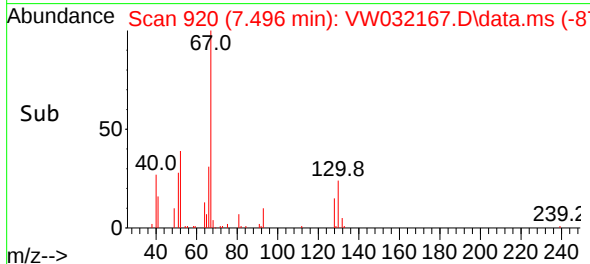
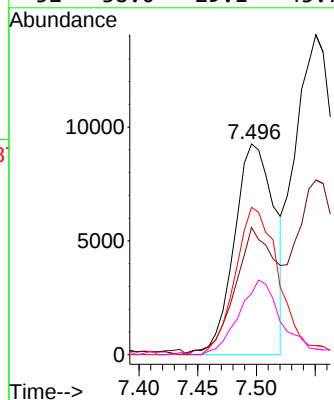
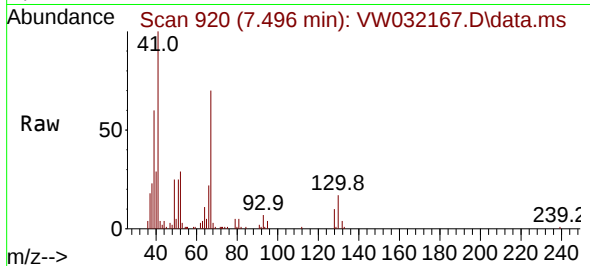




#41
Methacrylonitrile
Concen: 18.381 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

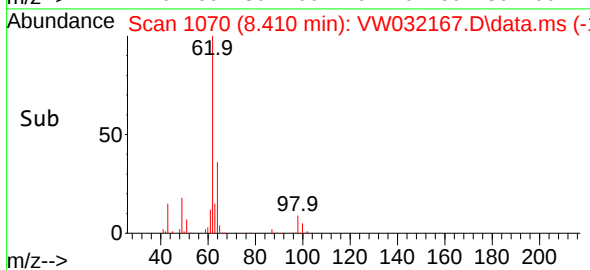
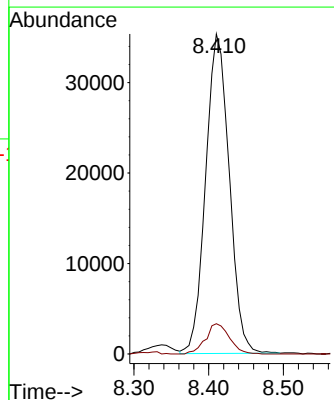
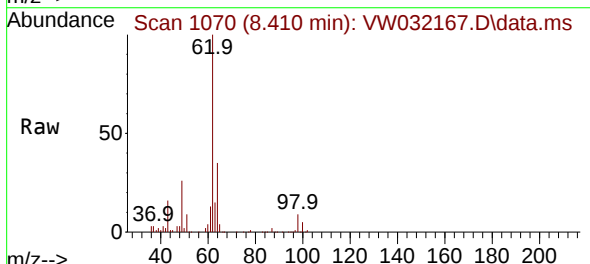
Instrument :
MSVOA_W
ClientSampleId :

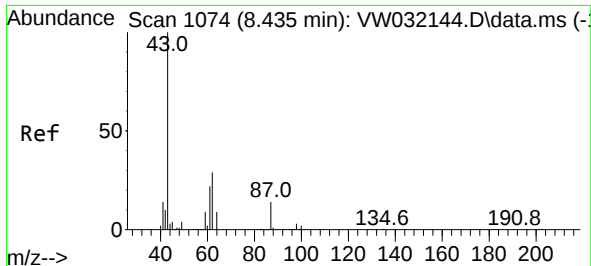
Tgt Ion:	41	Resp:	22131
Ion	Ratio	Lower	Upper
41	100		
39	59.8	50.9	76.3
67	77.3	65.6	98.4
52	38.0	29.1	43.7



#42
1,2-Dichloroethane
Concen: 20.019 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion:	62	Resp:	77497
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0

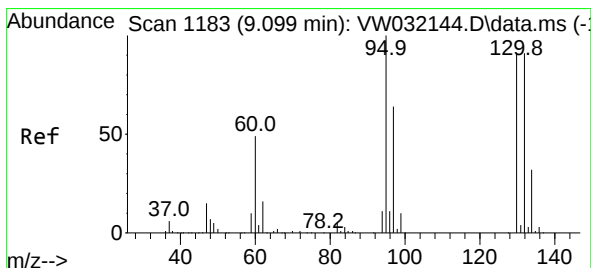
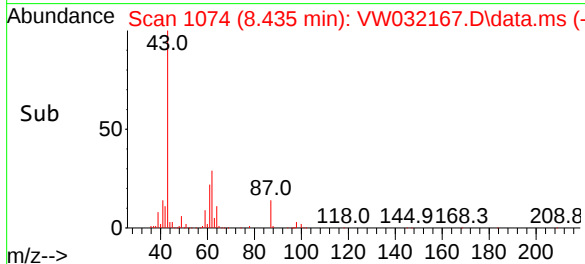
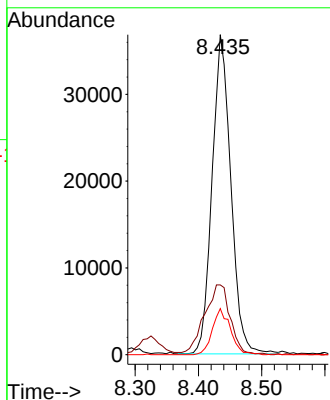
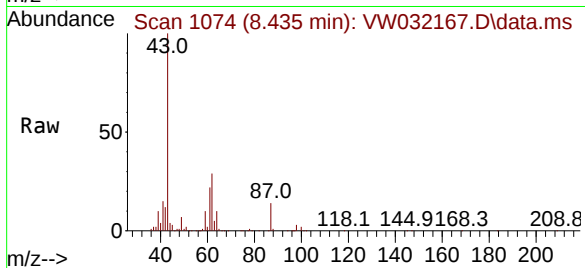




#43
Isopropyl Acetate
Concen: 18.638 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

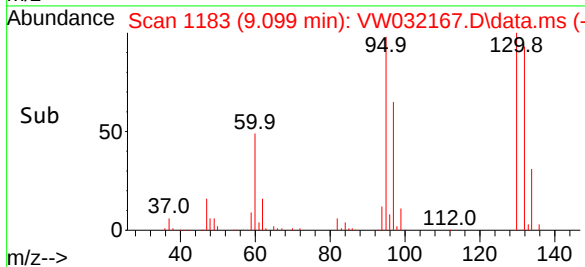
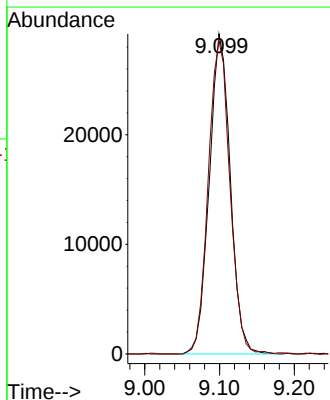
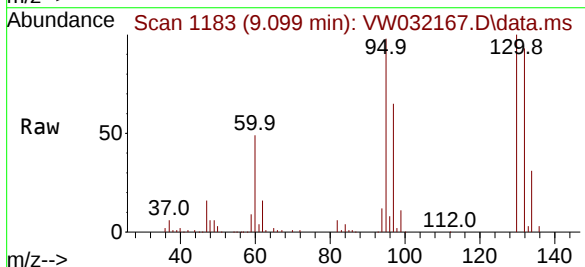
Instrument :
MSVOA_W
ClientSampleId :

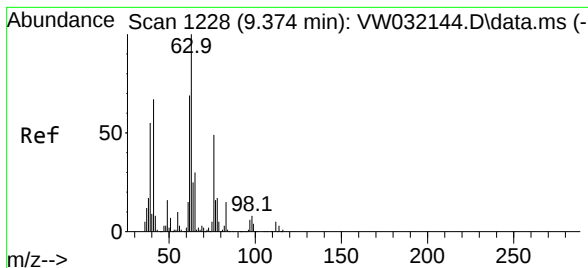
Tgt Ion: 43 Resp: 75774
Ion Ratio Lower Upper
43 100
61 30.2 23.3 34.9
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 20.382 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion:130 Resp: 57237
Ion Ratio Lower Upper
130 100
95 97.9 0.0 220.0





#45

1,2-Dichloropropane

Concen: 20.563 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

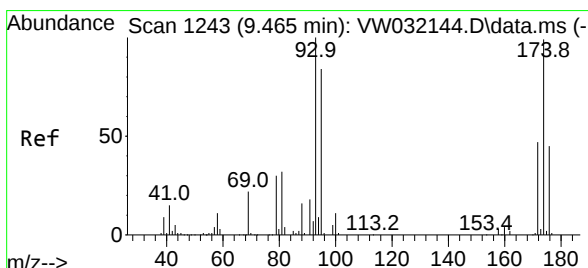
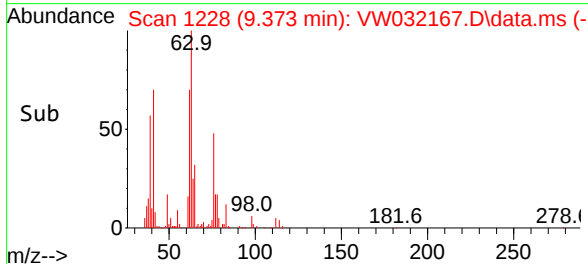
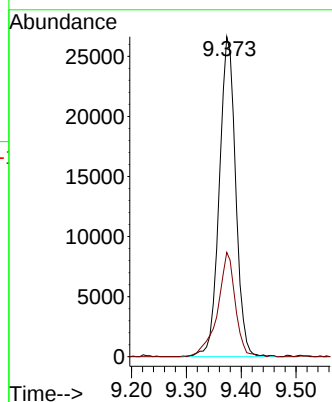
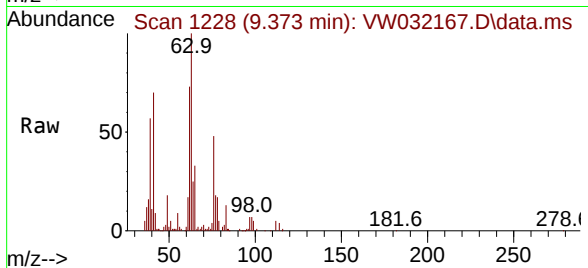
ClientSampleId :

Tgt Ion: 63 Resp: 55353

Ion Ratio Lower Upper

63 100

65 32.6 24.3 36.5



#46

Dibromomethane

Concen: 19.528 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

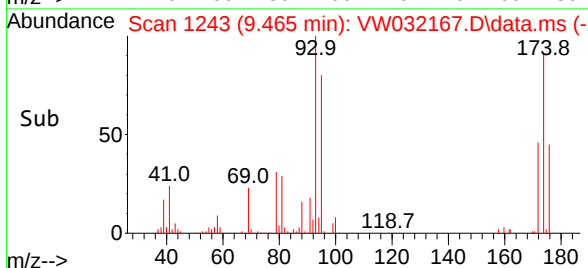
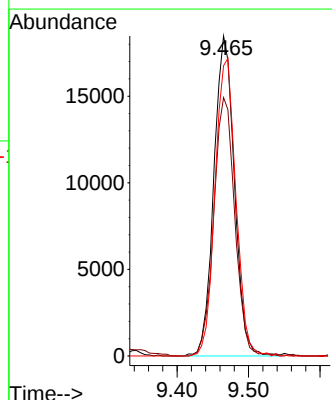
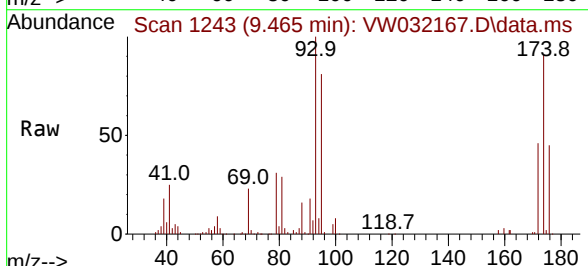
Tgt Ion: 93 Resp: 36870

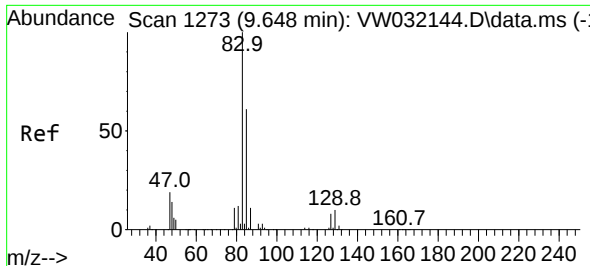
Ion Ratio Lower Upper

93 100

95 82.6 67.4 101.2

174 94.3 75.7 113.5

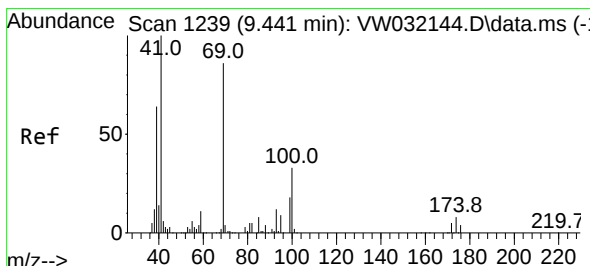
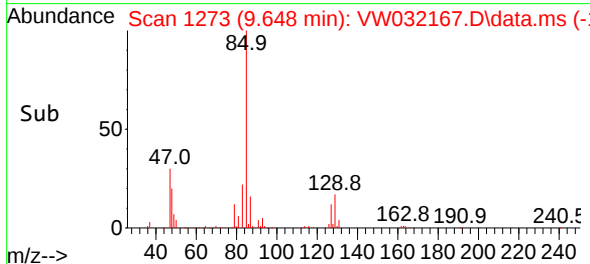
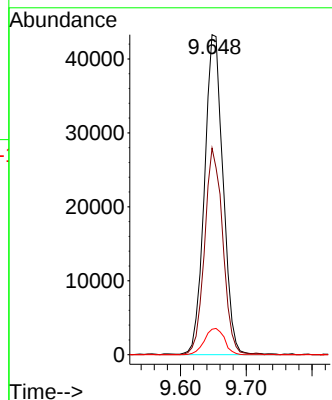
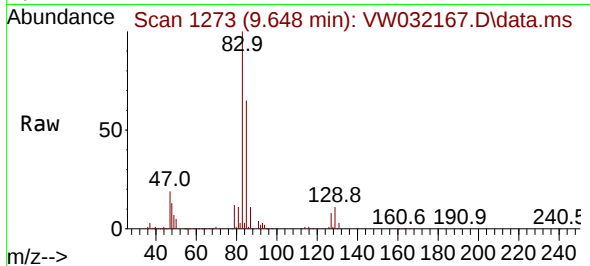




#47
Bromodichloromethane
Concen: 19.824 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

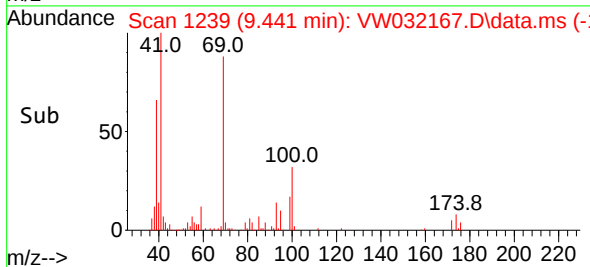
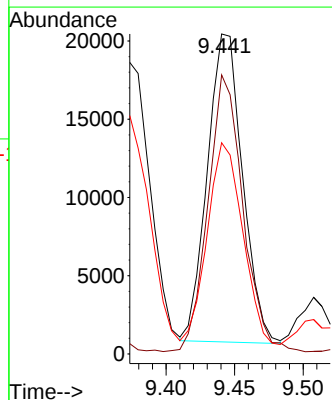
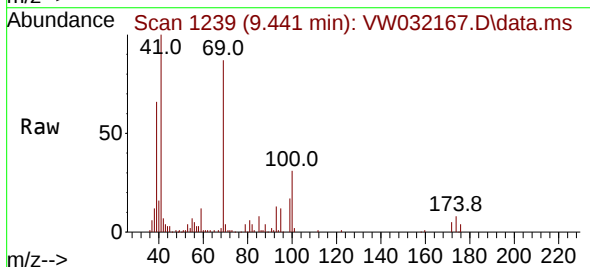
Instrument :
MSVOA_W
ClientSampleId :

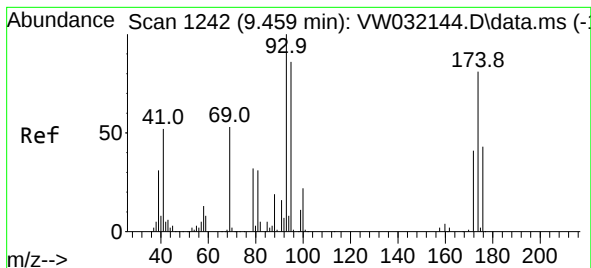
Tgt Ion: 83 Resp: 85056
Ion Ratio Lower Upper
83 100
85 64.6 48.7 73.1
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 18.757 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 41 Resp: 35143
Ion Ratio Lower Upper
41 100
69 89.8 71.5 107.3
39 65.9 55.9 83.9





#49

1,4-Dioxane

Concen: 364.804 ug/l

RT: 9.459 min Scan# 1

Delta R.T. -0.000 min

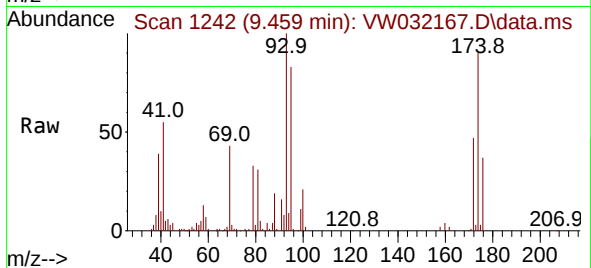
Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

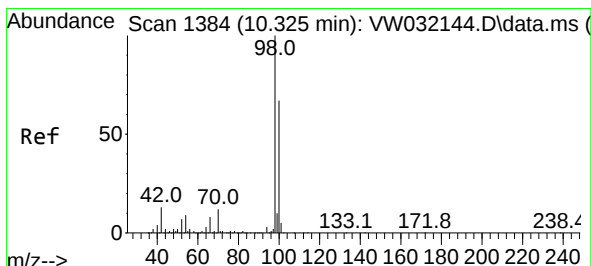
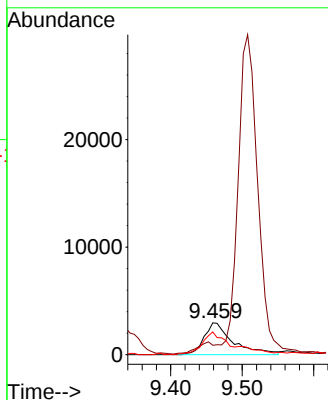
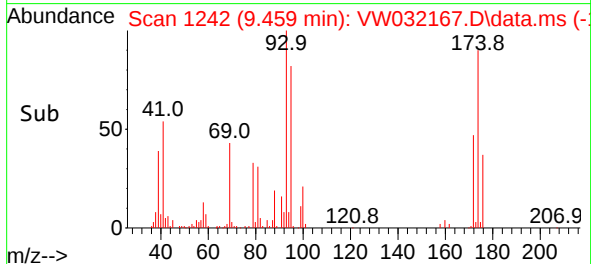
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	88	Resp:	8322
Ion	Ratio	Lower	Upper
88	100		
43	28.8	18.0	27.0#
58	75.1	55.4	83.0



#50

Toluene-d8

Concen: 47.185 ug/l

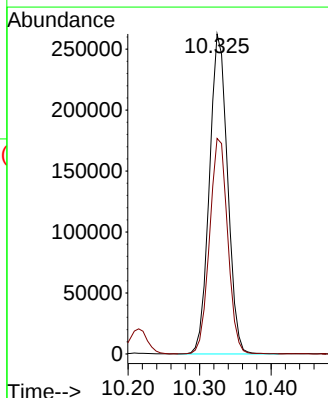
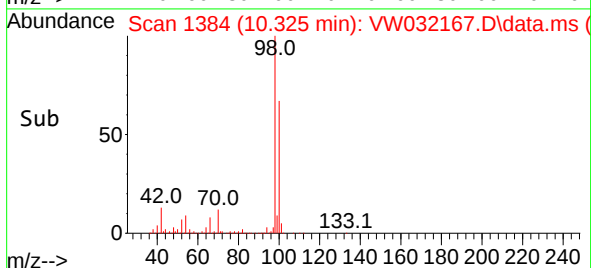
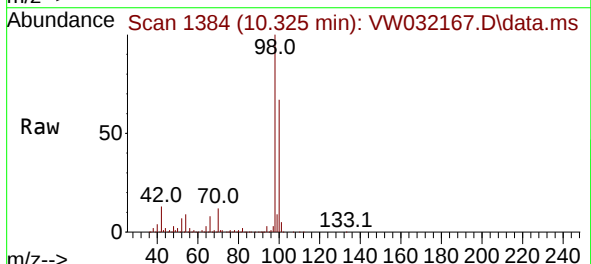
RT: 10.325 min Scan# 1384

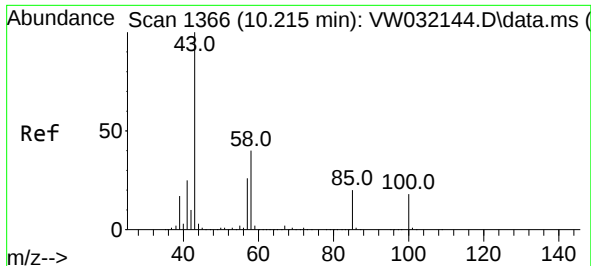
Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Tgt Ion:	98	Resp:	461509
Ion	Ratio	Lower	Upper
98	100		
100	67.3	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 93.288 ug/l

RT: 10.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

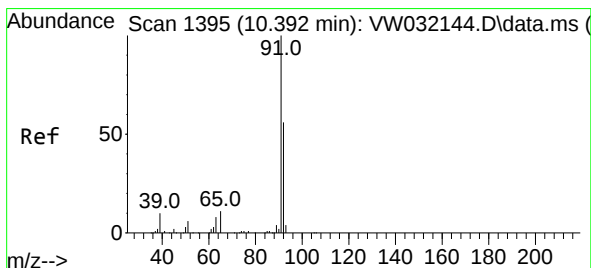
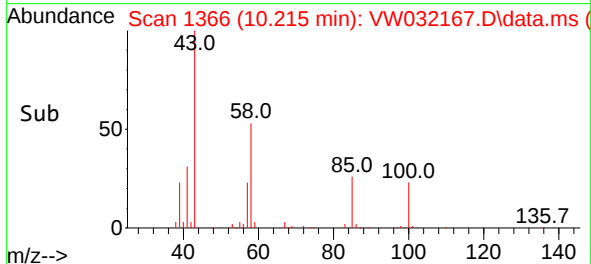
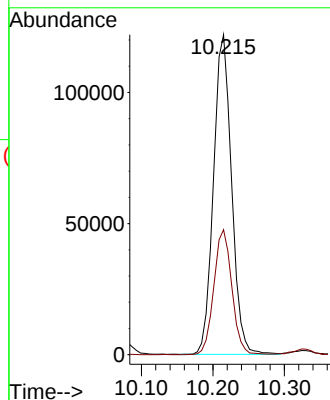
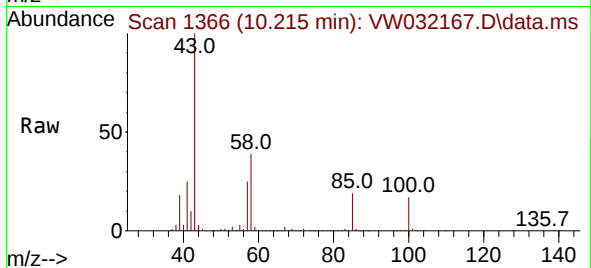
ClientSampleId :

Tgt Ion: 43 Resp: 214154

Ion Ratio Lower Upper

43 100

58 39.0 32.0 48.0



#52

Toluene

Concen: 20.329 ug/l

RT: 10.392 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VW032167.D

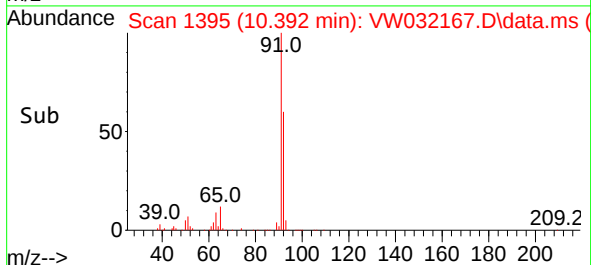
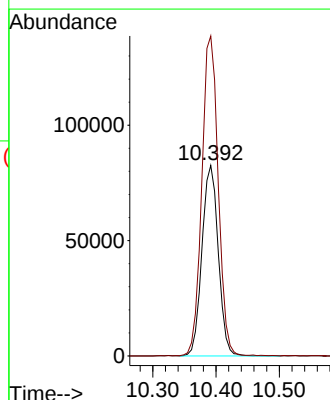
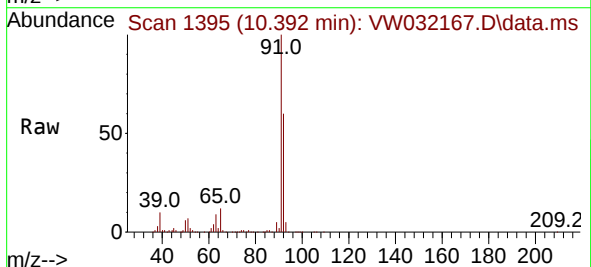
Acq: 15 Sep 2025 10:45

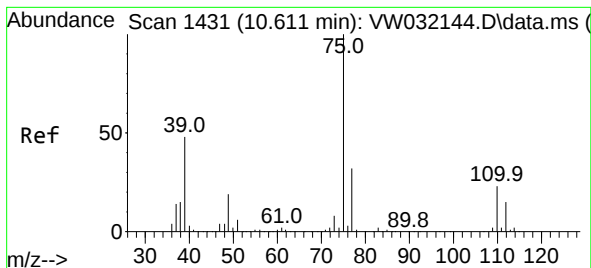
Tgt Ion: 92 Resp: 148346

Ion Ratio Lower Upper

92 100

91 168.6 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 20.206 ug/l

RT: 10.611 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

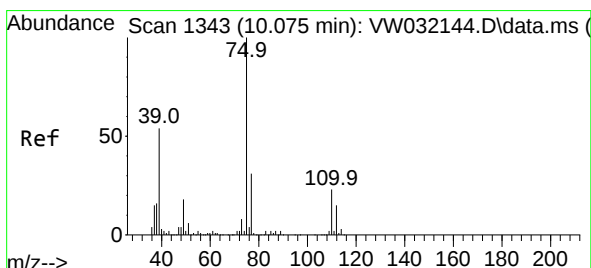
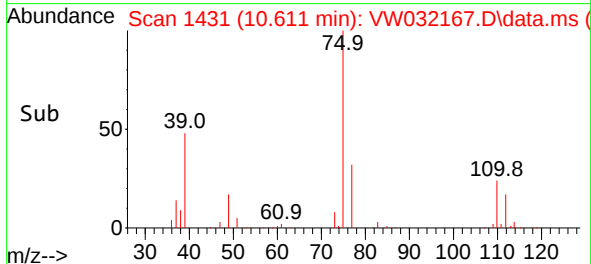
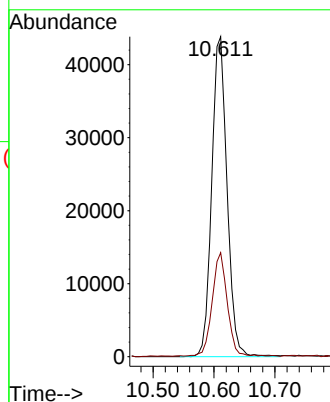
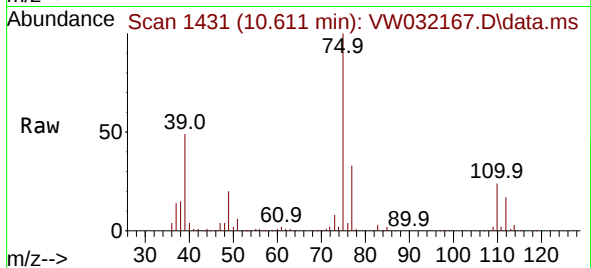
ClientSampleId :

Tgt Ion: 75 Resp: 76482

Ion Ratio Lower Upper

75 100

77 32.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.172 ug/l

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

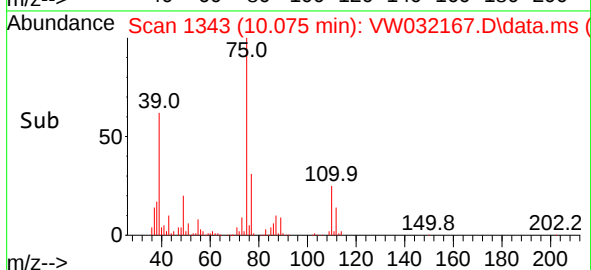
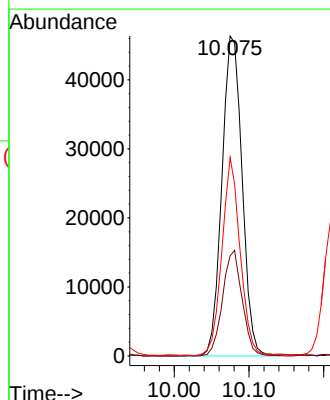
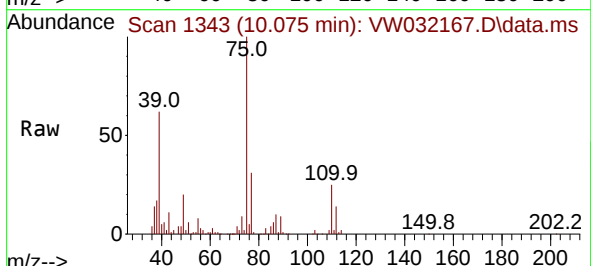
Tgt Ion: 75 Resp: 87118

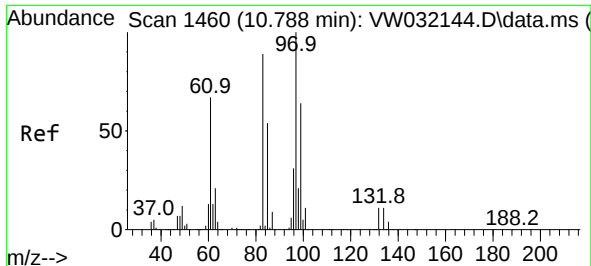
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 61.8 43.2 64.8

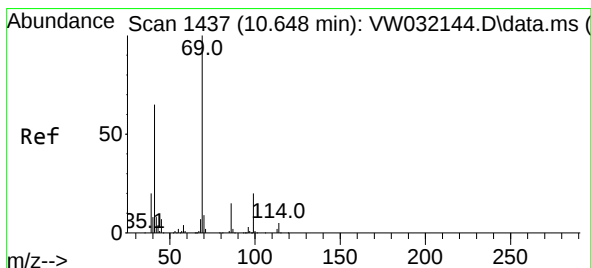
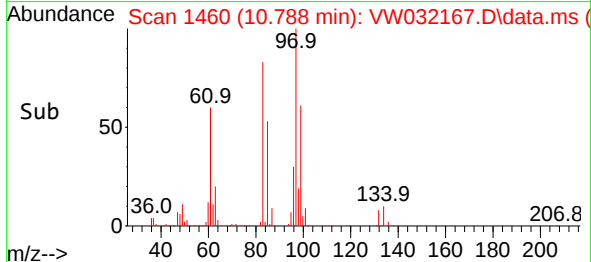
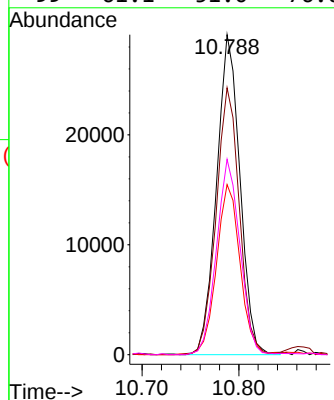
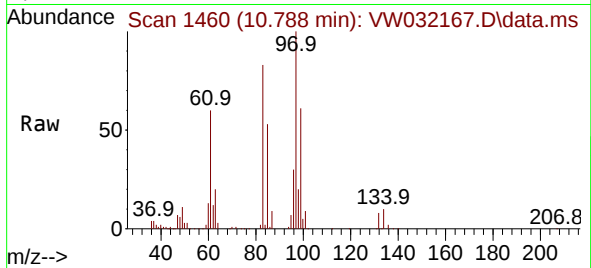




#55
1,1,2-Trichloroethane
Concen: 19.929 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

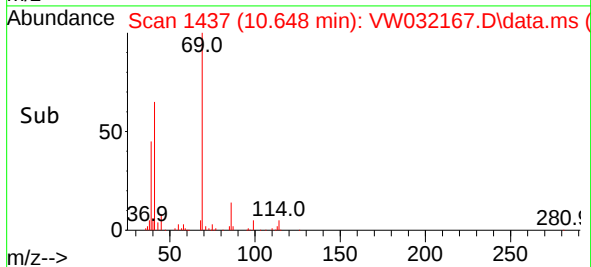
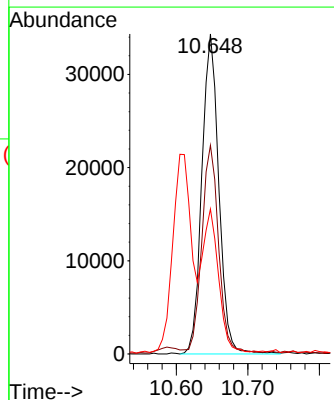
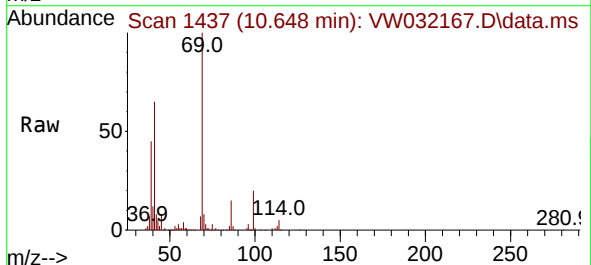
Instrument :
MSVOA_W
ClientSampleId :

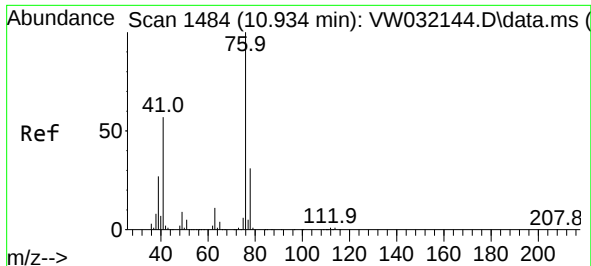
Tgt Ion:	97	Resp:	48930
Ion	Ratio	Lower	Upper
97	100		
83	83.0	71.0	106.6
85	52.9	42.8	64.2
99	61.1	51.0	76.6



#56
Ethyl methacrylate
Concen: 18.053 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion:	69	Resp:	56667
Ion	Ratio	Lower	Upper
69	100		
41	64.2	53.2	79.8
39	41.5	32.9	49.3





#57

1,3-Dichloropropane

Concen: 19.345 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

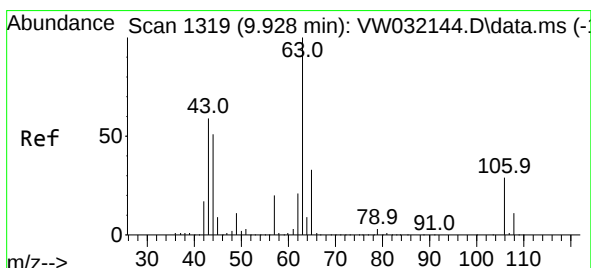
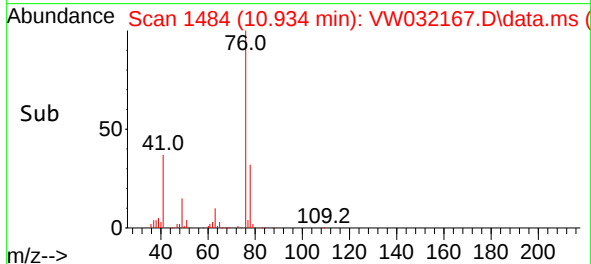
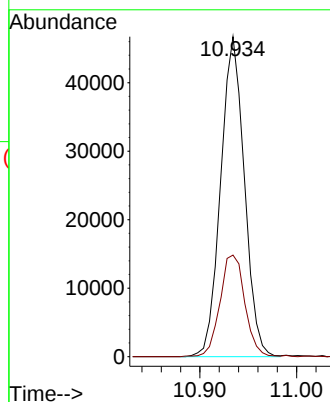
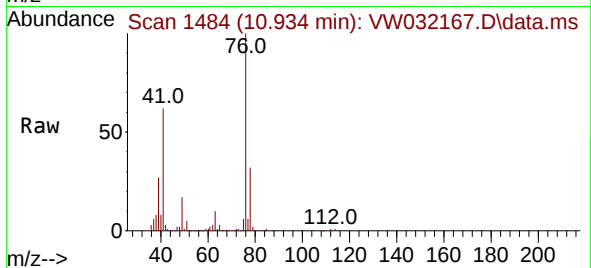
ClientSampleId :

Tgt Ion: 76 Resp: 79527

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 93.831 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032167.D

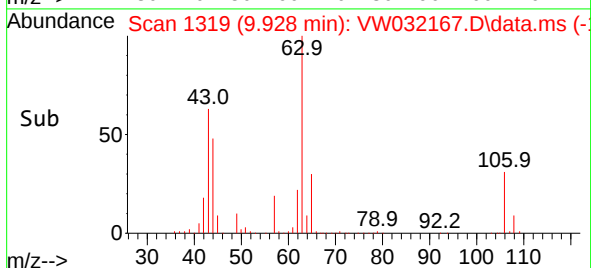
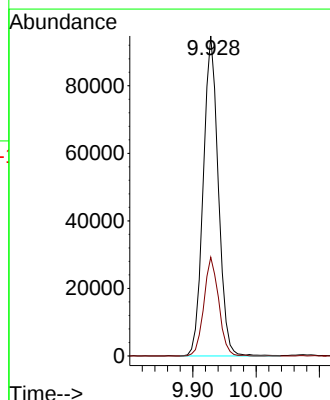
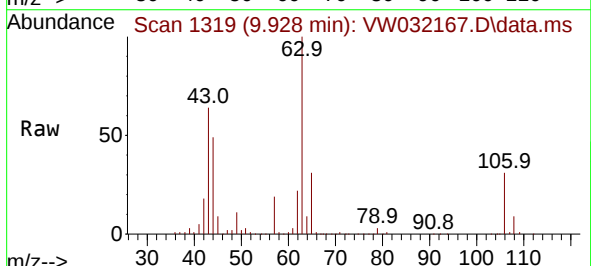
Acq: 15 Sep 2025 10:45

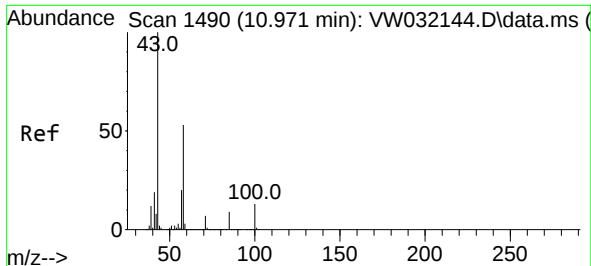
Tgt Ion: 63 Resp: 157203

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5





#59

2-Hexanone

Concen: 97.545 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

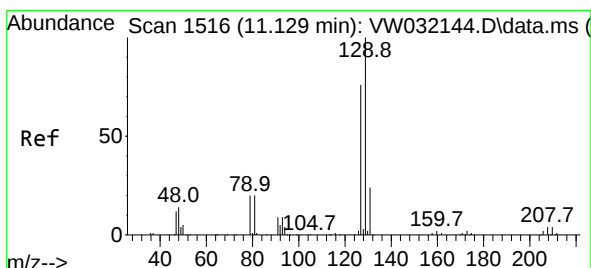
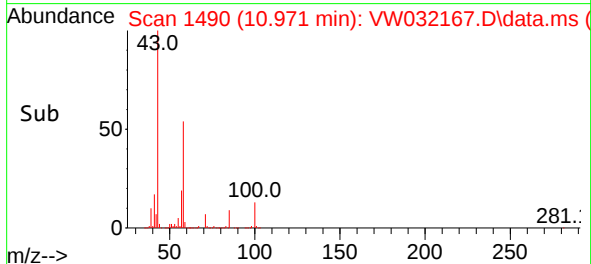
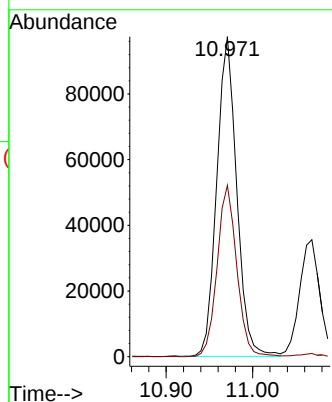
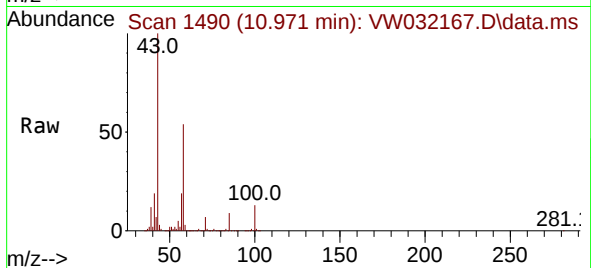
ClientSampleId :

Tgt Ion: 43 Resp: 155735

Ion Ratio Lower Upper

43 100

58 52.8 27.5 82.4



#60

Dibromochloromethane

Concen: 19.726 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW032167.D

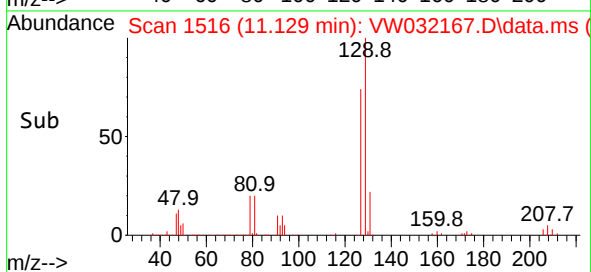
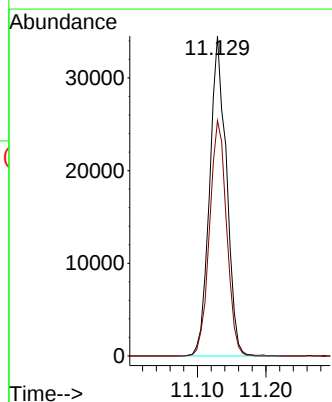
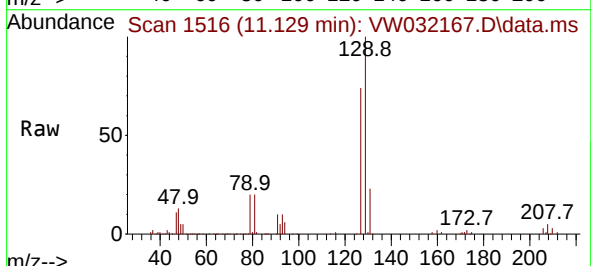
Acq: 15 Sep 2025 10:45

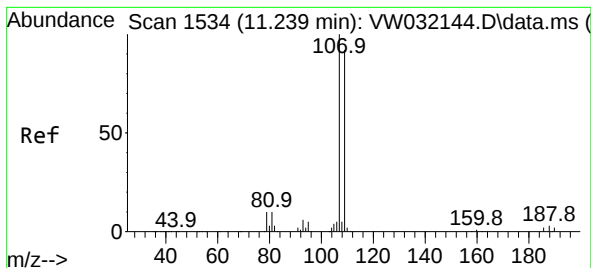
Tgt Ion: 129 Resp: 58605

Ion Ratio Lower Upper

129 100

127 74.8 38.1 114.5

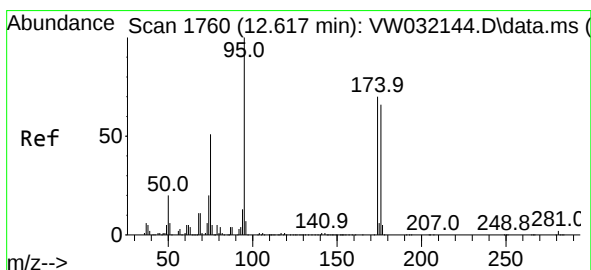
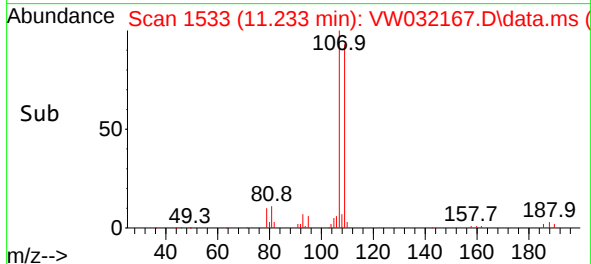
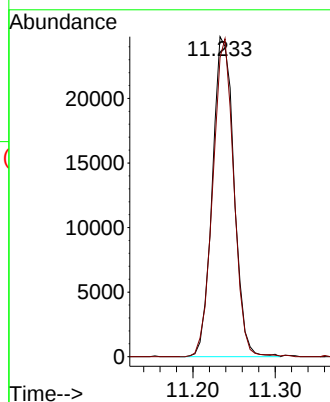
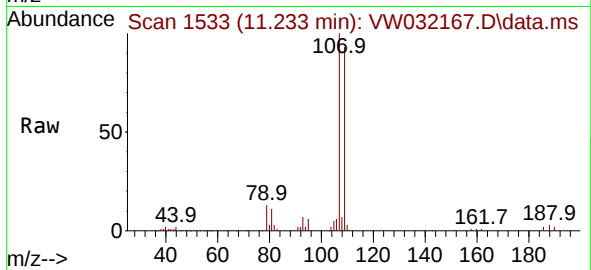




#61
1,2-Dibromoethane
Concen: 18.735 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

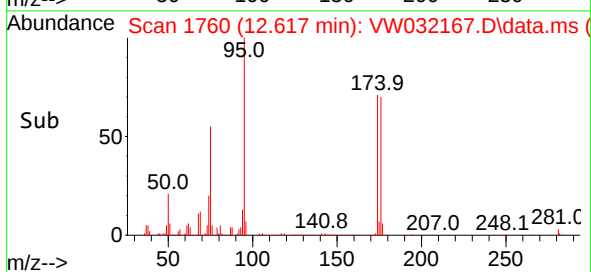
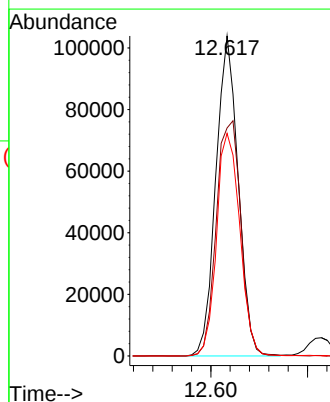
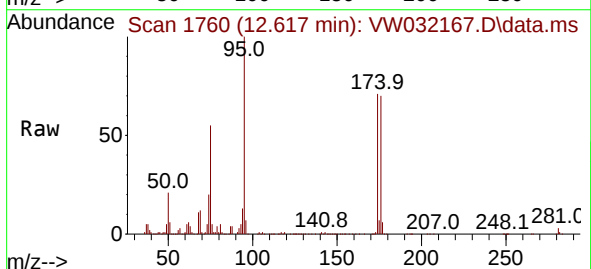
Instrument :
MSVOA_W
ClientSampleId :

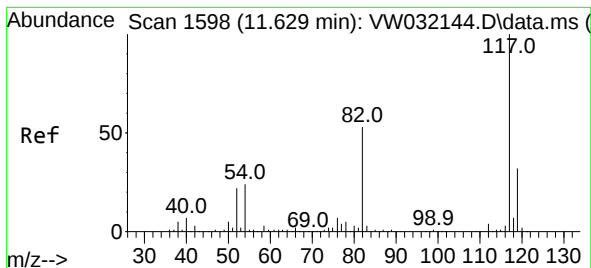
Tgt Ion:107 Resp: 45235
Ion Ratio Lower Upper
107 100
109 96.3 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 46.017 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 95 Resp: 166435
Ion Ratio Lower Upper
95 100
174 80.8 0.0 145.6
176 72.5 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: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

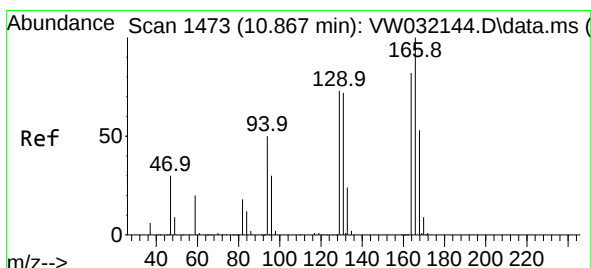
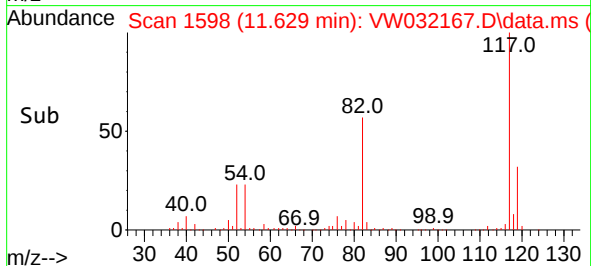
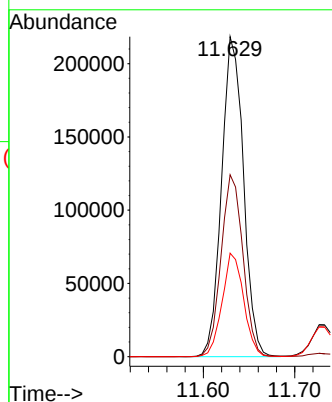
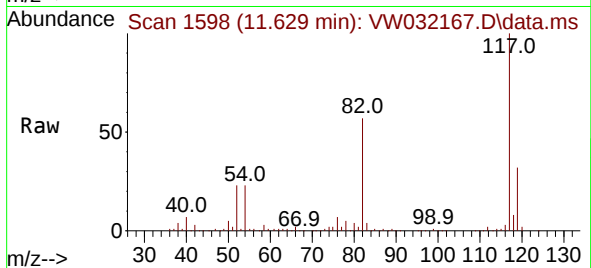
Tgt Ion:117 Resp: 363928

Ion Ratio Lower Upper

117 100

82 56.8 42.7 64.1

119 32.4 25.2 37.8



#64

Tetrachloroethene

Concen: 21.124 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Tgt Ion:164 Resp: 50598

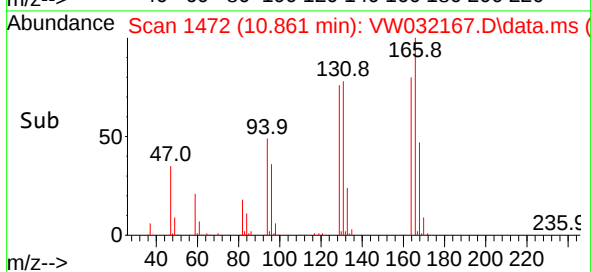
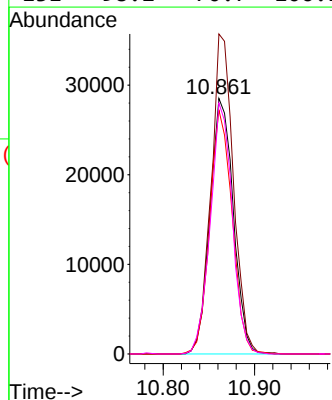
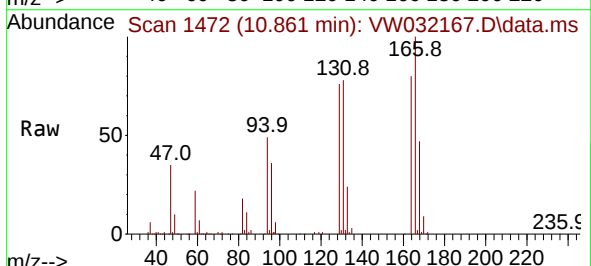
Ion Ratio Lower Upper

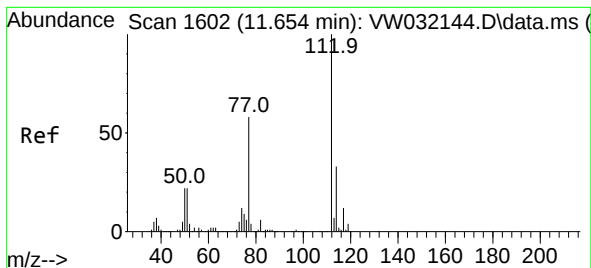
164 100

166 125.2 97.5 146.3

129 95.4 71.2 106.8

131 98.2 70.7 106.1





#65

Chlorobenzene

Concen: 19.881 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

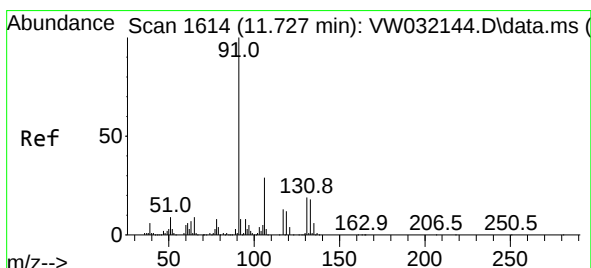
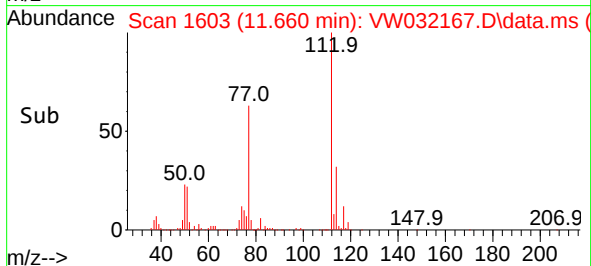
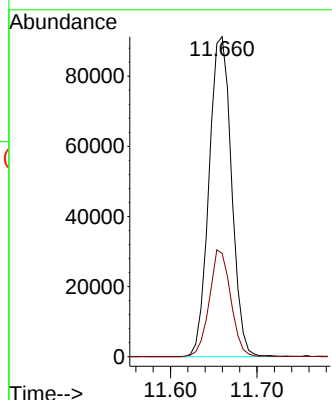
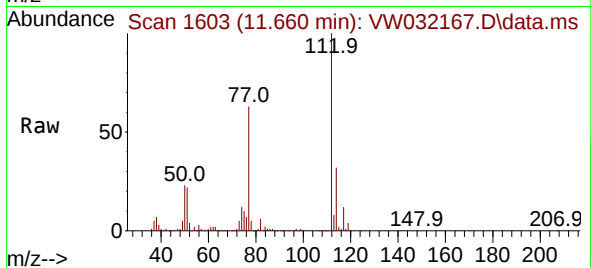
ClientSampleId :

Tgt Ion:112 Resp: 164684

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.858 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

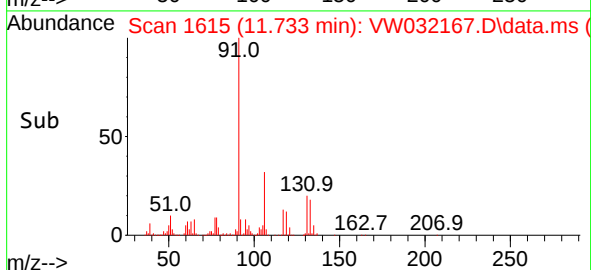
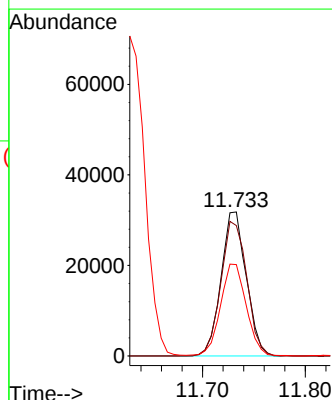
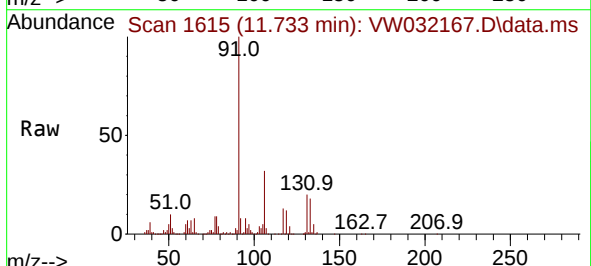
Tgt Ion:131 Resp: 54155

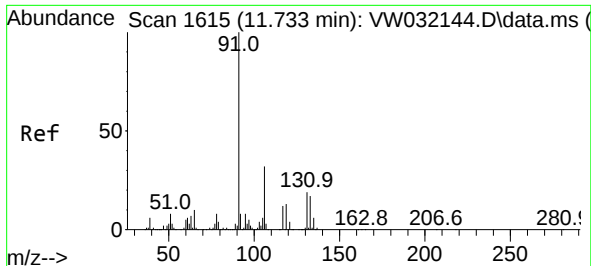
Ion Ratio Lower Upper

131 100

133 96.3 47.7 143.1

119 65.5 32.8 98.3





#67

Ethyl Benzene

Concen: 19.911 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

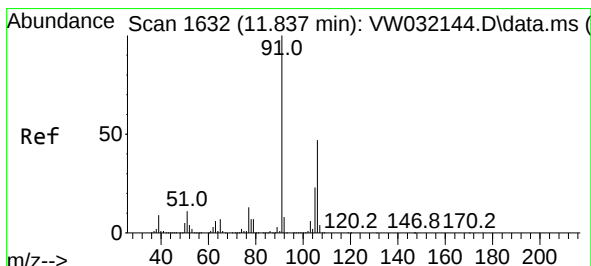
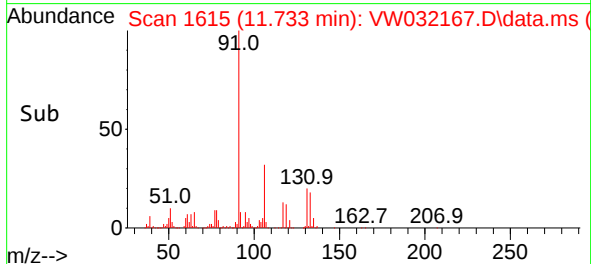
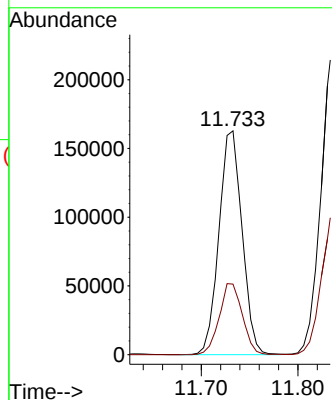
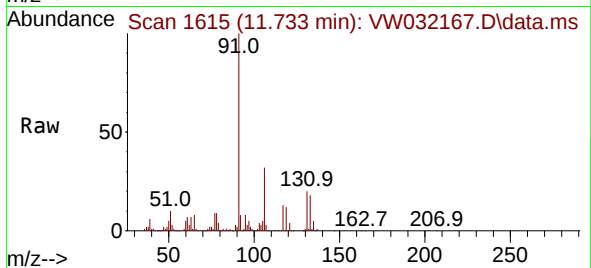
ClientSampleId :

Tgt Ion: 91 Resp: 270232

Ion Ratio Lower Upper

91 100

106 31.5 25.3 37.9



#68

m/p-Xylenes

Concen: 40.090 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032167.D

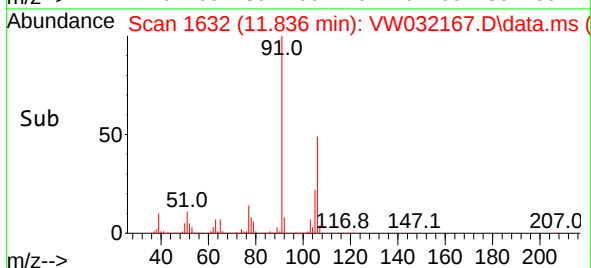
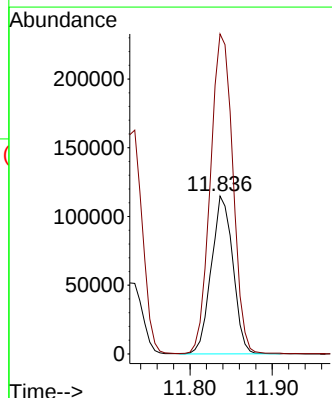
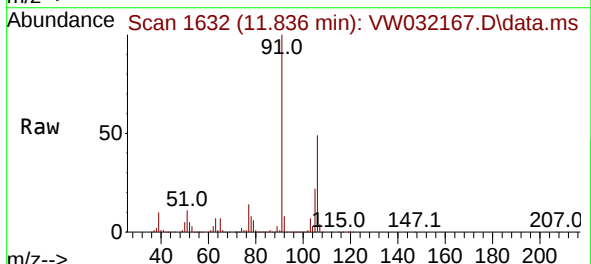
Acq: 15 Sep 2025 10:45

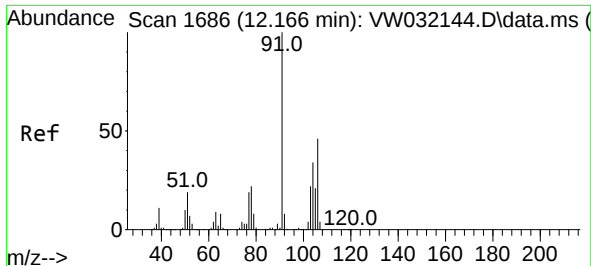
Tgt Ion:106 Resp: 209407

Ion Ratio Lower Upper

106 100

91 211.6 164.2 246.2

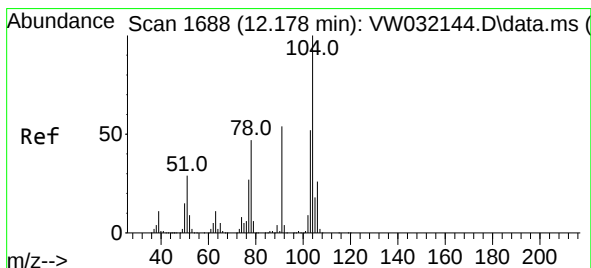
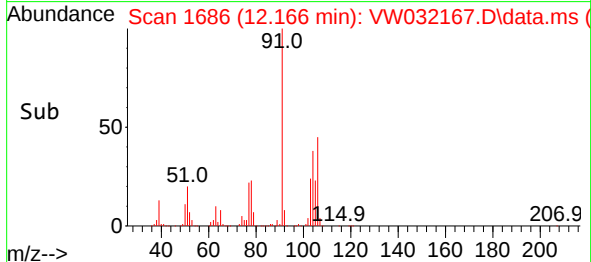
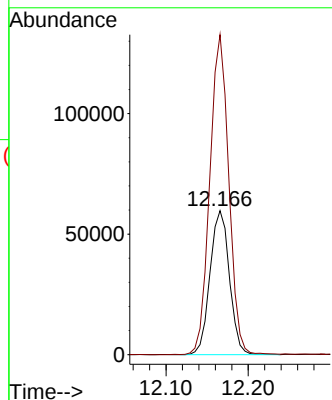
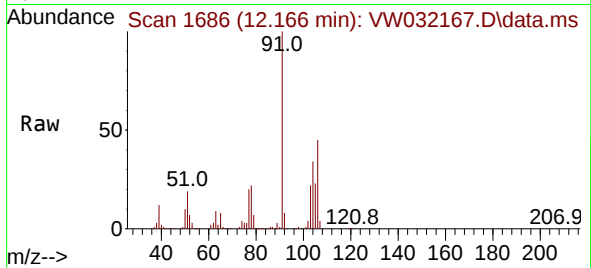




#69
o-Xylene
Concen: 19.827 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

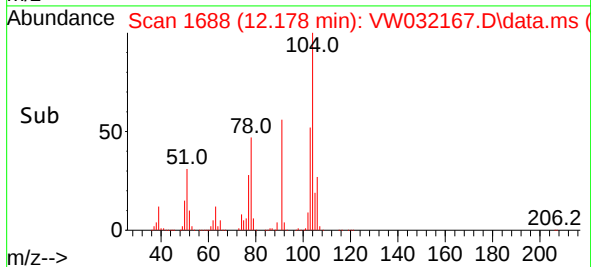
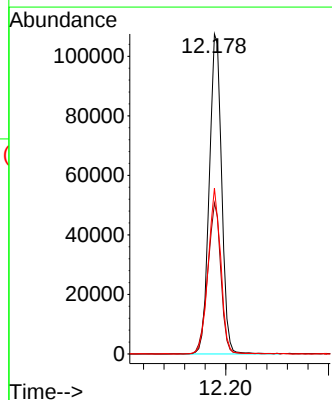
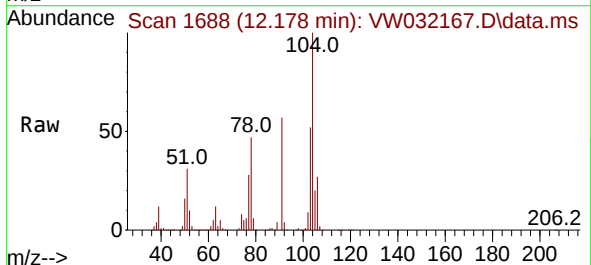
Instrument :
MSVOA_W
ClientSampleId :

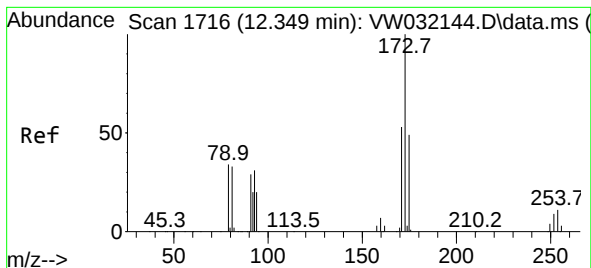
Tgt Ion:106 Resp: 97958
Ion Ratio Lower Upper
106 100
91 217.8 108.7 326.3



#70
Styrene
Concen: 20.571 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion:104 Resp: 179166
Ion Ratio Lower Upper
104 100
78 50.0 41.6 62.4
103 52.5 44.8 67.2





#71

Bromoform

Concen: 18.965 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

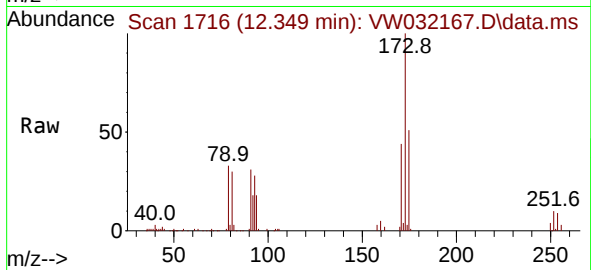
Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

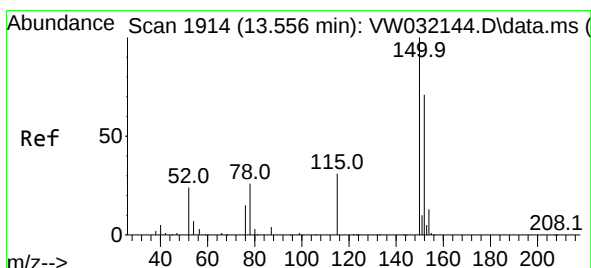
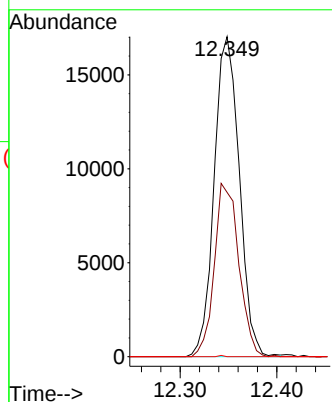
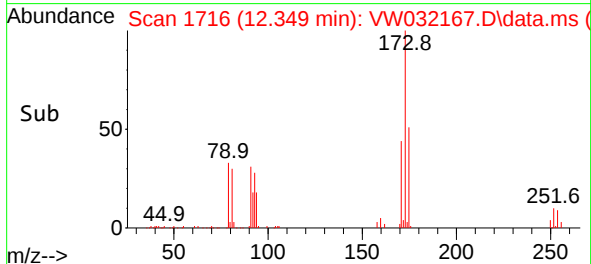
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	30719
Ion Ratio	Lower	Upper	
173	100		
175	52.7	24.9	74.7
254	0.1	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

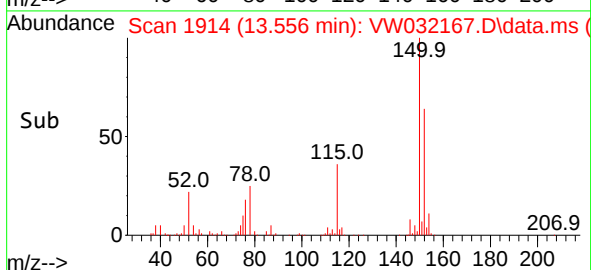
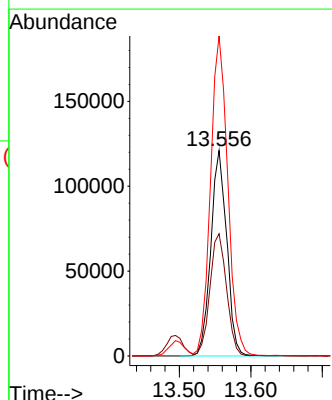
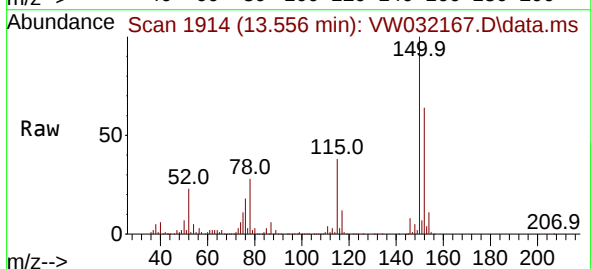
RT: 13.556 min Scan# 1914

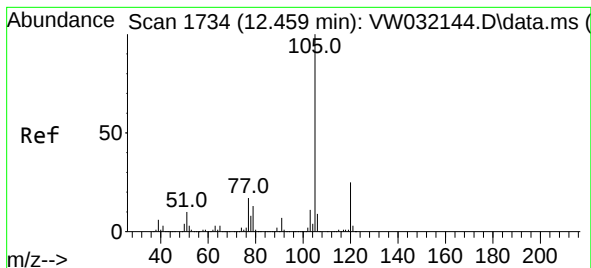
Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Tgt Ion:	152	Resp:	187406
Ion Ratio	Lower	Upper	
152	100		
115	62.1	31.8	95.4
150	167.4	0.0	343.0





#73

Isopropylbenzene

Concen: 19.333 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

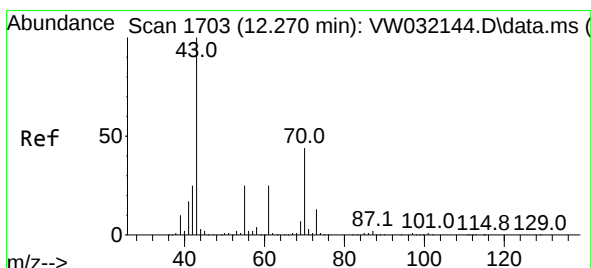
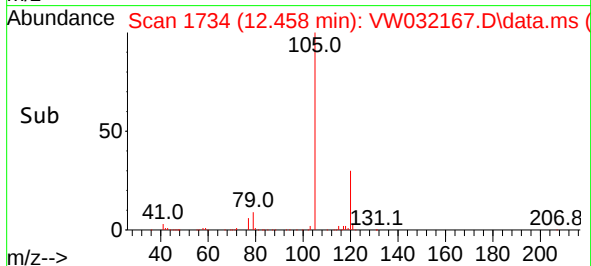
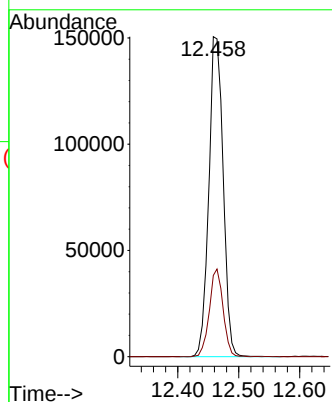
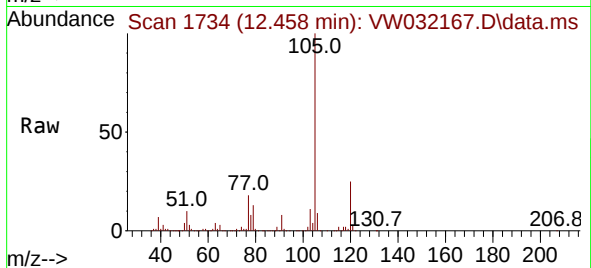
ClientSampleId :

Tgt Ion:105 Resp: 246148

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 17.737 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Tgt Ion: 43 Resp: 65562

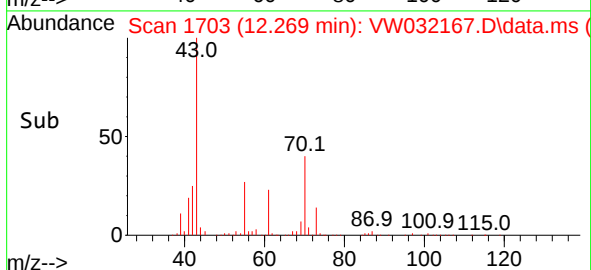
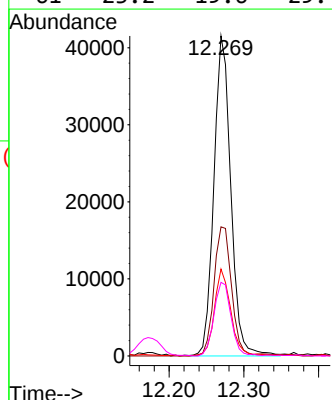
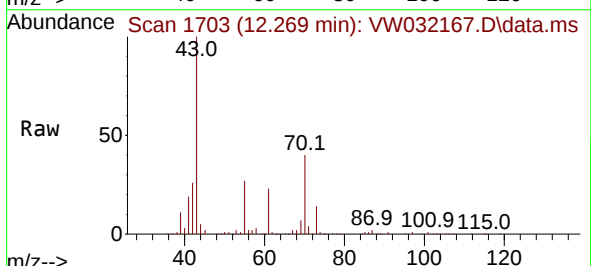
Ion Ratio Lower Upper

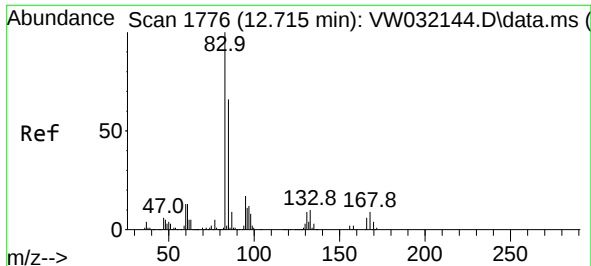
43 100

70 41.5 35.3 52.9

55 26.5 19.9 29.9

61 23.2 19.6 29.4

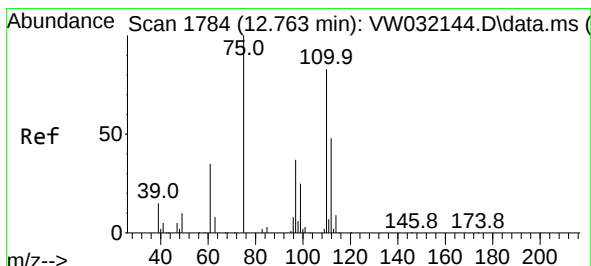
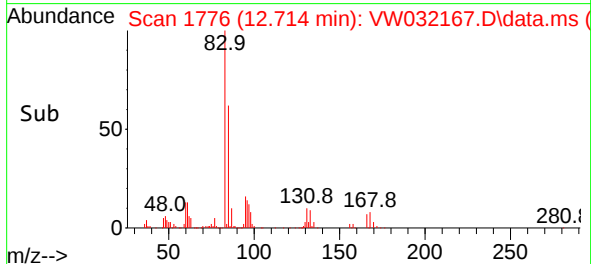
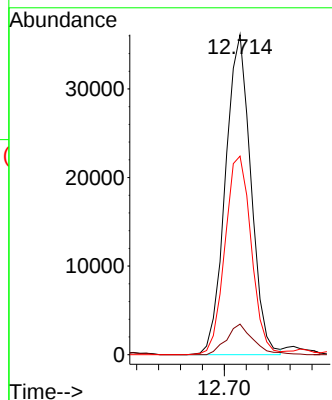
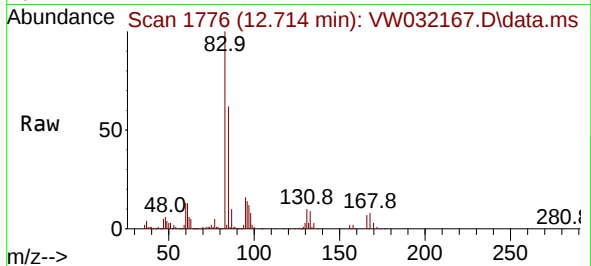




#75
1,1,2,2-Tetrachloroethane
Concen: 19.263 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

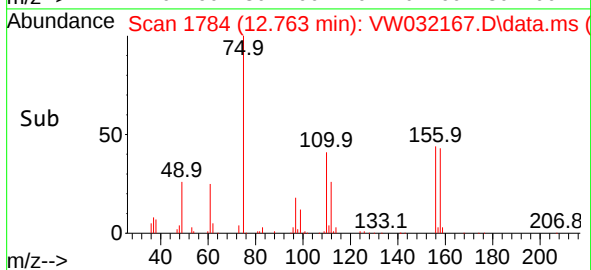
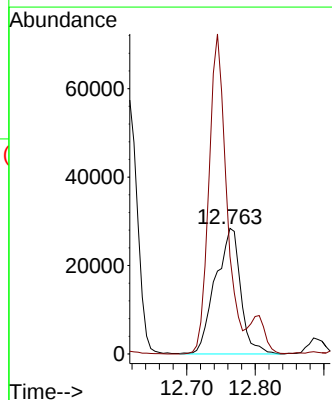
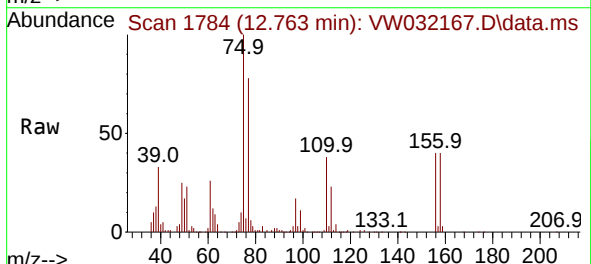
Instrument :
MSVOA_W
ClientSampleId :

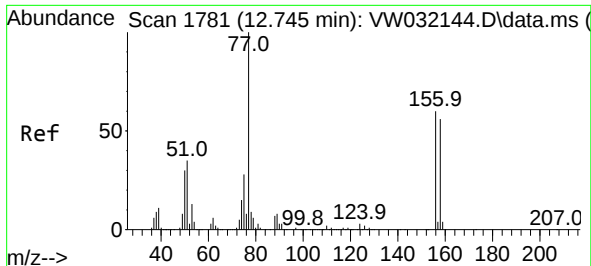
Tgt Ion: 83 Resp: 58285
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.4
85 64.1 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 30.954 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 75 Resp: 72674
Ion Ratio Lower Upper
75 100
77 178.3 141.7 425.1

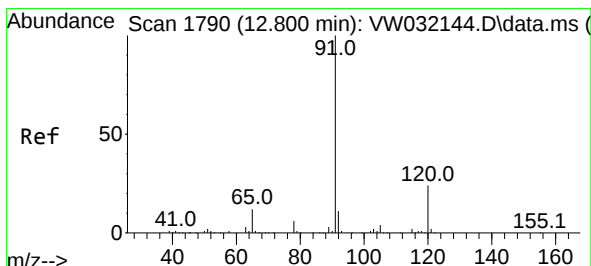
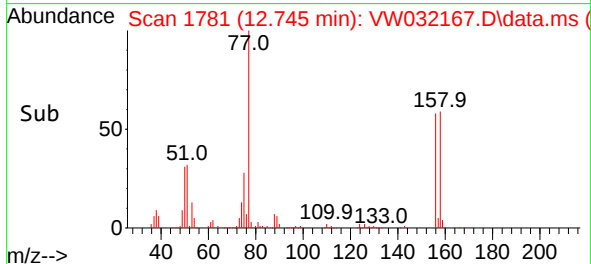
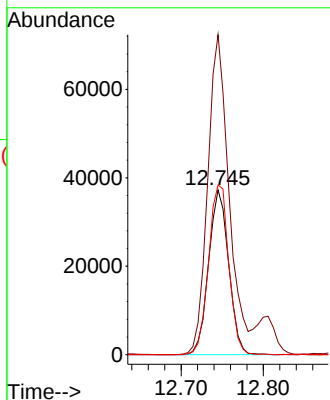
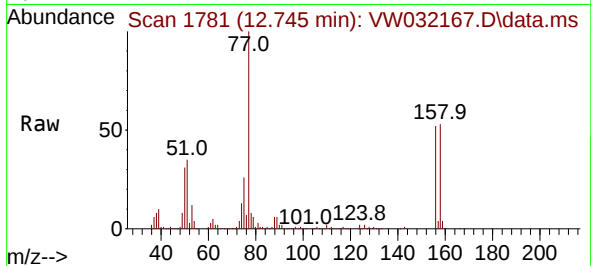




#77
Bromobenzene
Concen: 19.400 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

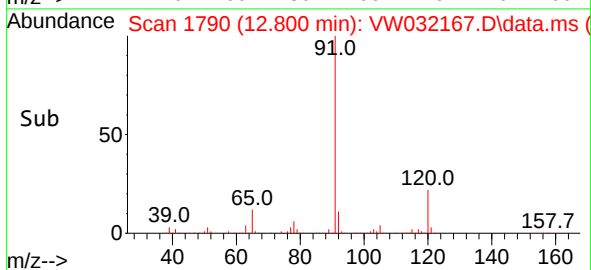
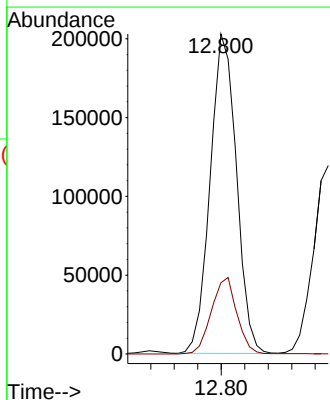
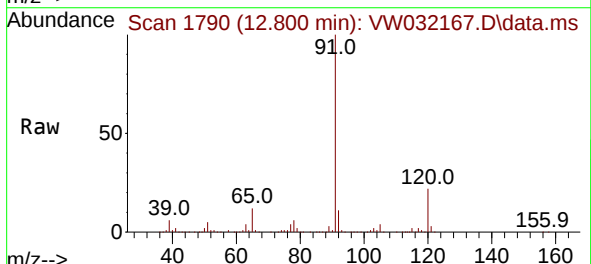
Instrument :
MSVOA_W
ClientSampleId :

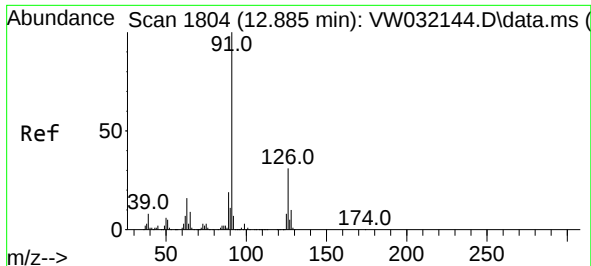
Tgt Ion:156 Resp: 62987
Ion Ratio Lower Upper
156 100
77 205.7 98.6 295.7
158 104.1 48.4 145.0



#78
n-propylbenzene
Concen: 20.382 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 91 Resp: 315051
Ion Ratio Lower Upper
91 100
120 23.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.278 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

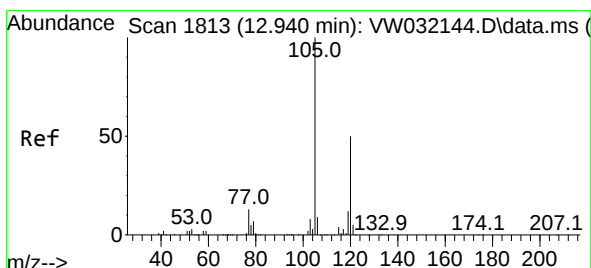
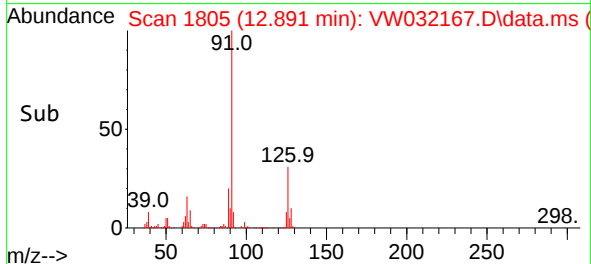
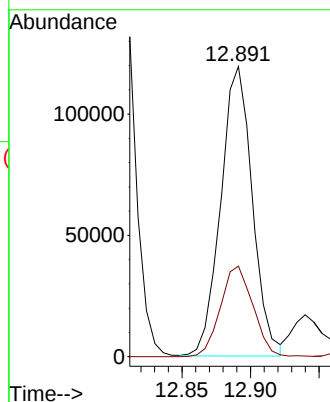
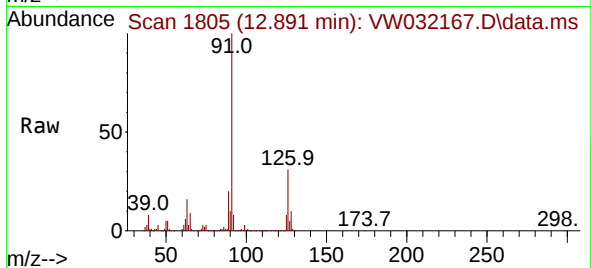
ClientSampleId :

Tgt Ion: 91 Resp: 191667

Ion Ratio Lower Upper

91 100

126 32.2 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 20.300 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032167.D

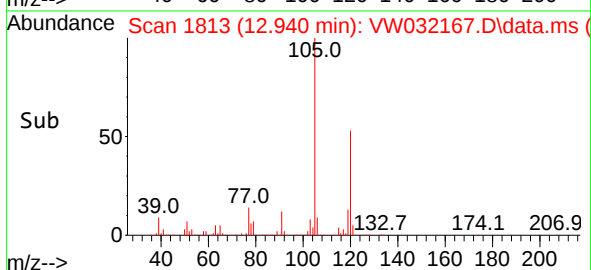
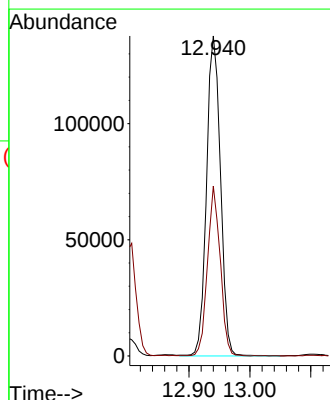
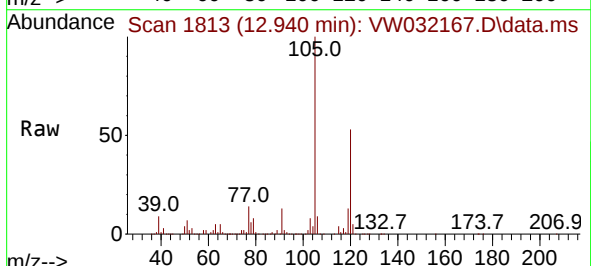
Acq: 15 Sep 2025 10:45

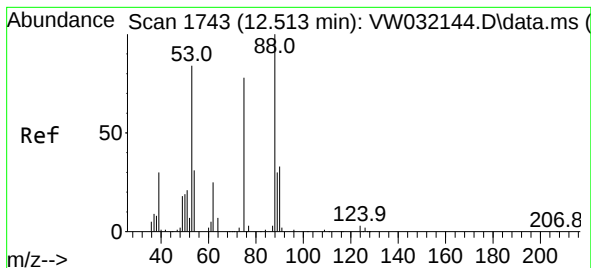
Tgt Ion:105 Resp: 218820

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4

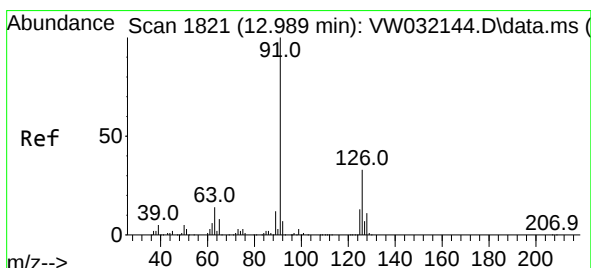
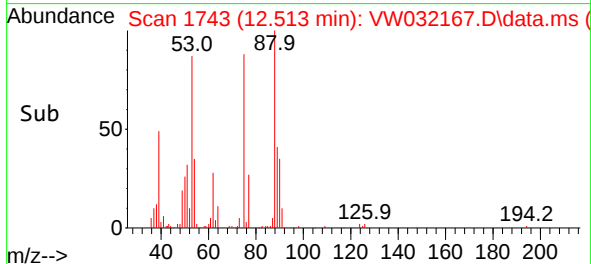
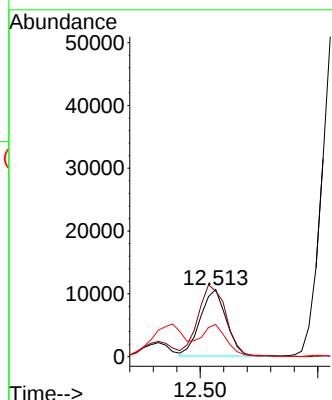
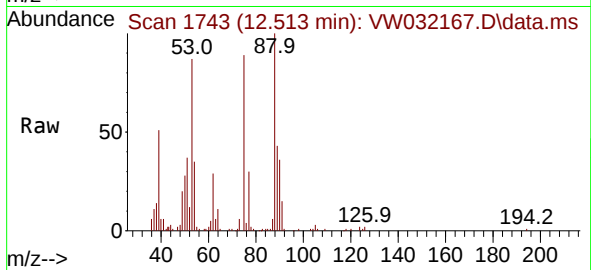




#81
trans-1,4-Dichloro-2-butene
Concen: 18.678 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

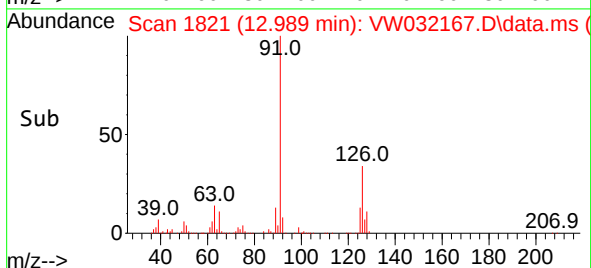
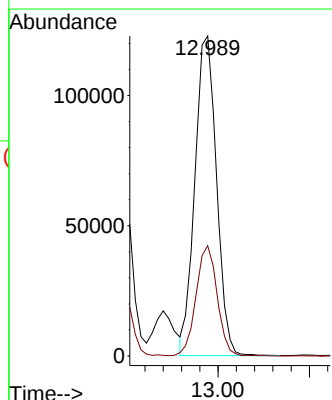
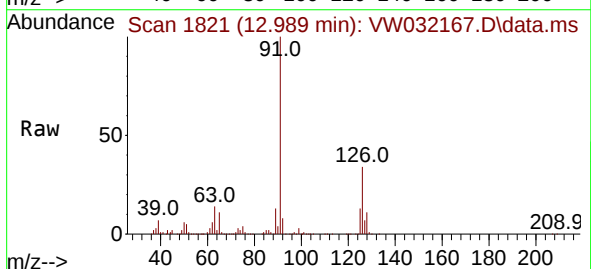
Instrument :
MSVOA_W
ClientSampleId :

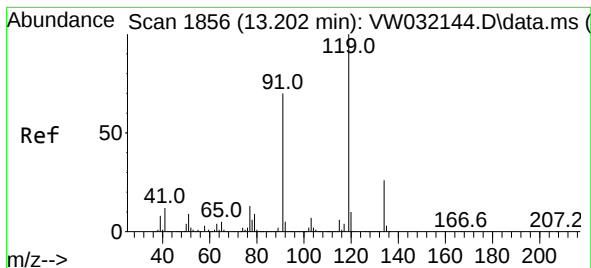
Tgt Ion: 75 Resp: 16287
Ion Ratio Lower Upper
75 100
53 117.6 91.0 136.6
89 44.9 39.4 59.2



#82
4-Chlorotoluene
Concen: 19.948 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

Tgt Ion: 91 Resp: 201825
Ion Ratio Lower Upper
91 100
126 33.8 16.1 48.2





#83

tert-Butylbenzene

Concen: 20.496 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

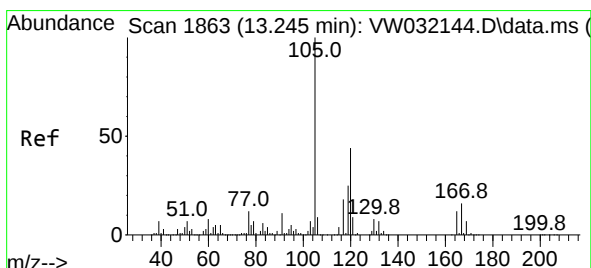
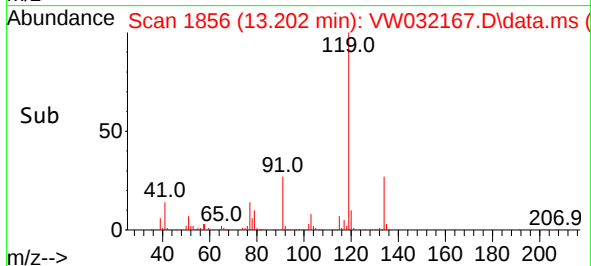
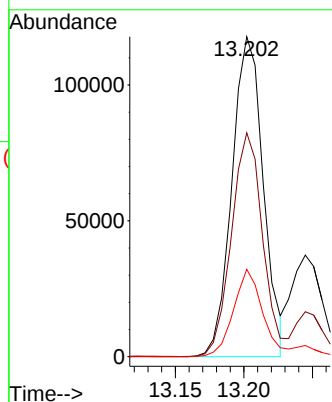
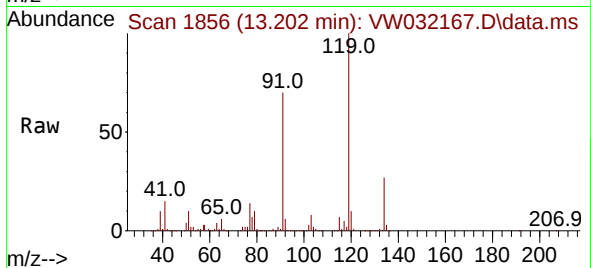
Tgt Ion:119 Resp: 187332

Ion Ratio Lower Upper

119 100

91 70.2 33.8 101.3

134 25.5 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 19.780 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032167.D

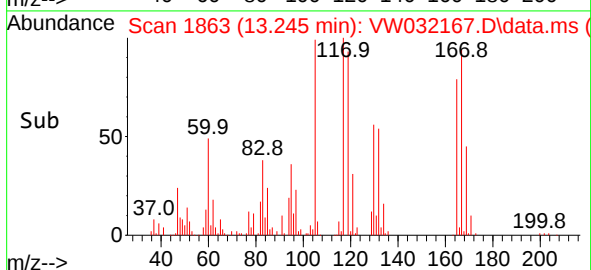
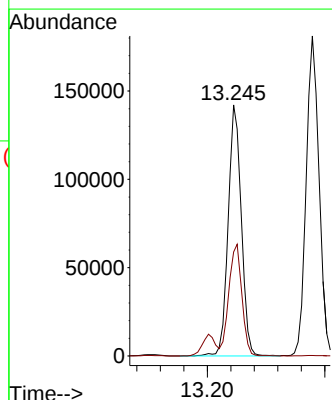
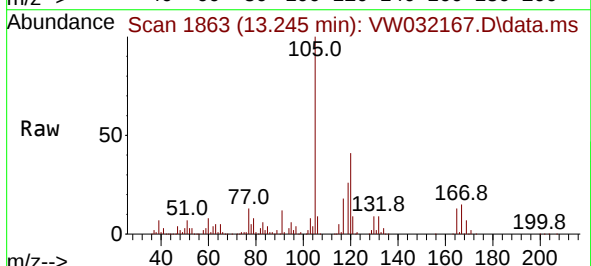
Acq: 15 Sep 2025 10:45

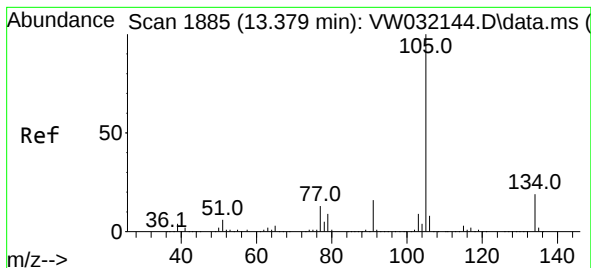
Tgt Ion:105 Resp: 220586

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.137 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

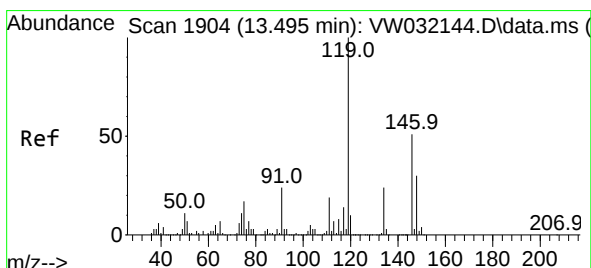
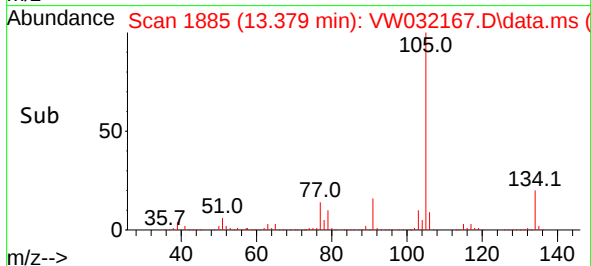
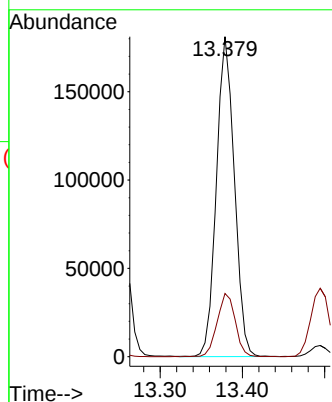
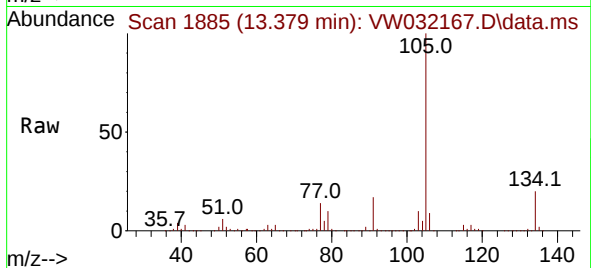
ClientSampleId :

Tgt Ion:105 Resp: 274787

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.228 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

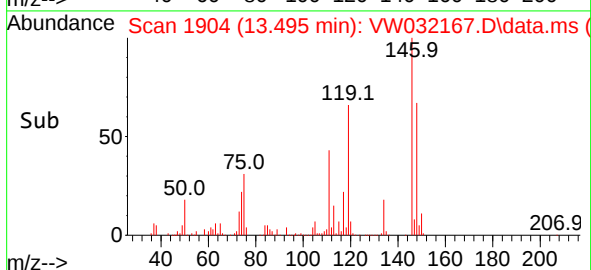
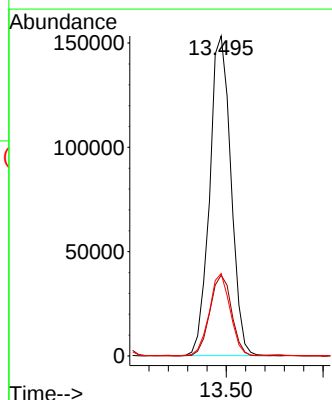
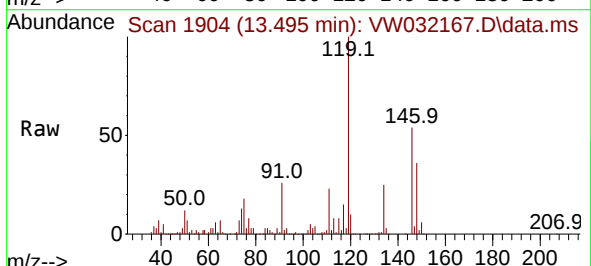
Tgt Ion:119 Resp: 234738

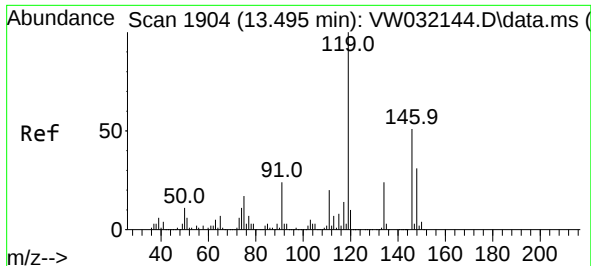
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 25.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.192 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

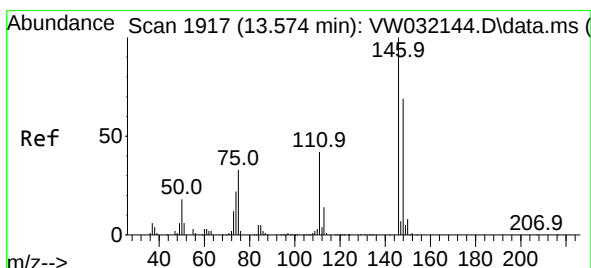
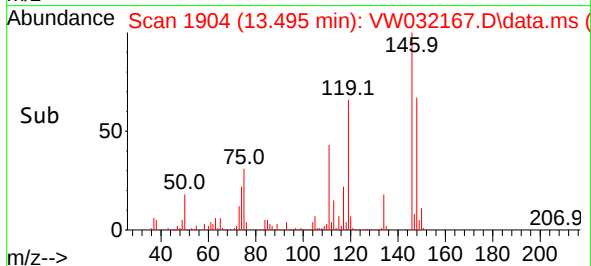
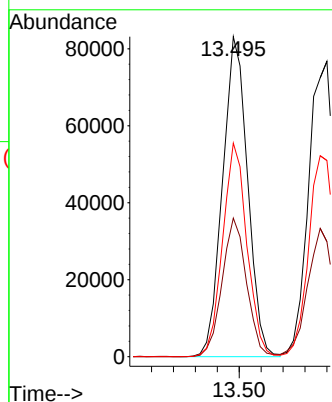
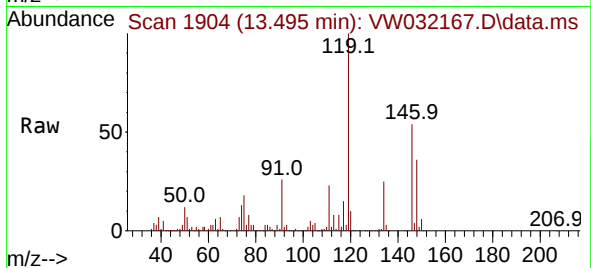
Tgt Ion:146 Resp: 131999

Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.9

148 64.7 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 19.773 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

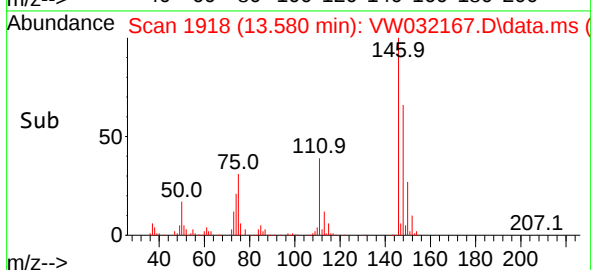
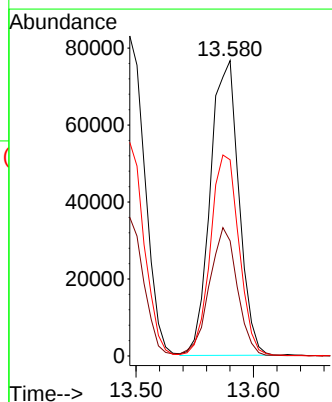
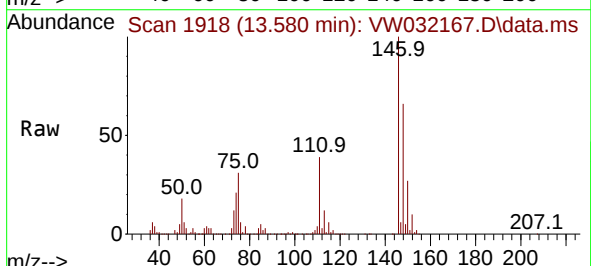
Tgt Ion:146 Resp: 129562

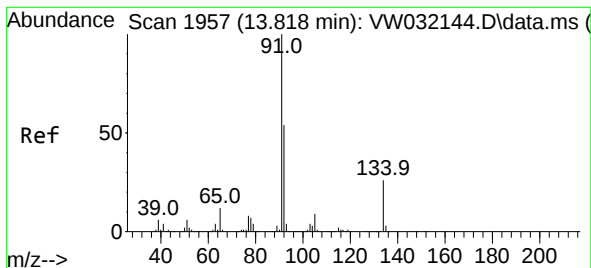
Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.7

148 68.6 33.4 100.1





#89

n-Butylbenzene

Concen: 20.237 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032167.D

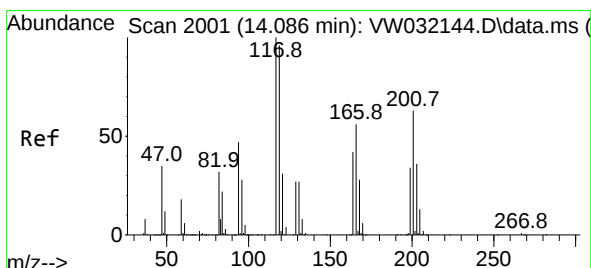
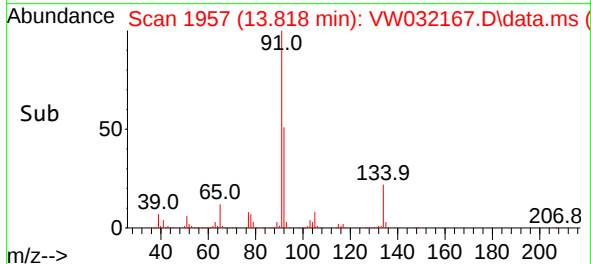
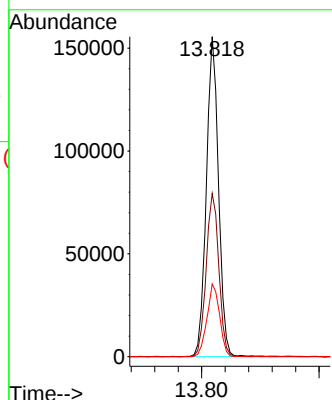
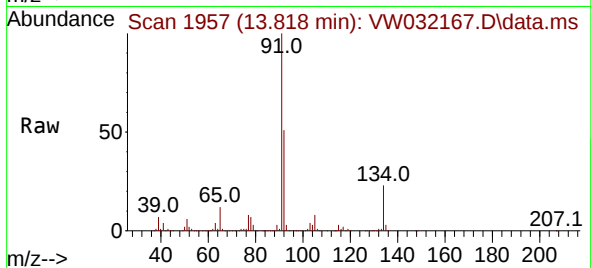
Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	223896
Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.0	81.0
134	23.6	13.1	39.3



#90

Hexachloroethane

Concen: 20.297 ug/l

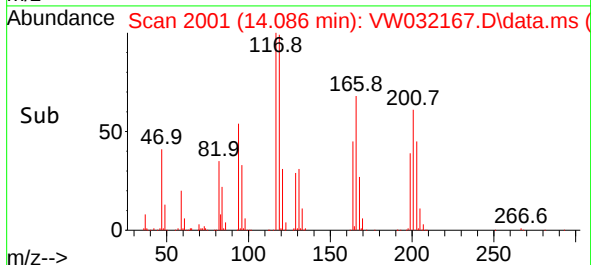
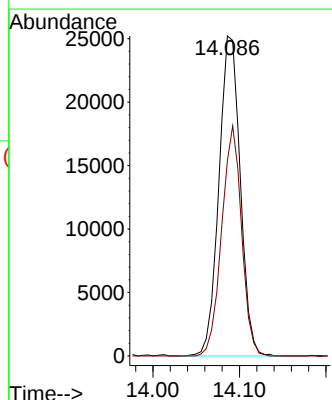
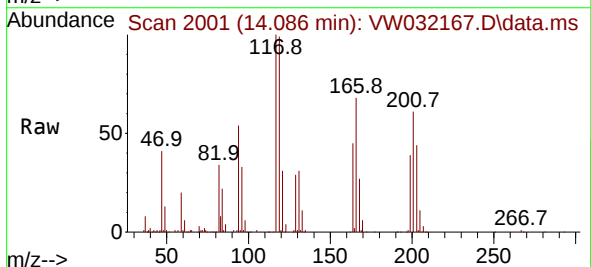
RT: 14.086 min Scan# 2001

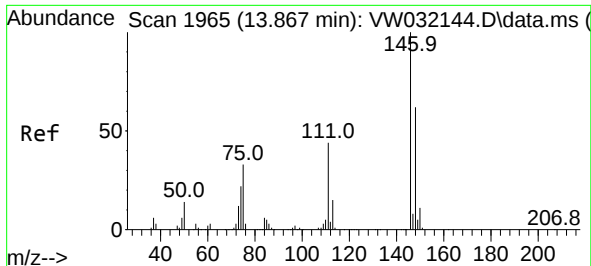
Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

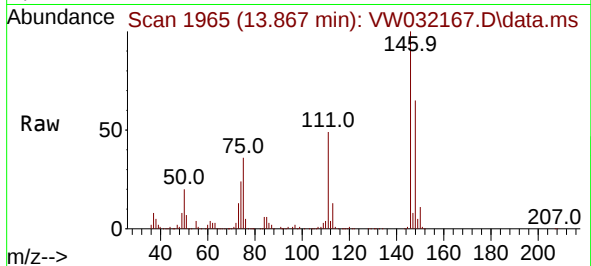
Tgt Ion:	117	Resp:	43085
Ion	Ratio	Lower	Upper
117	100		
201	67.0	32.8	98.4



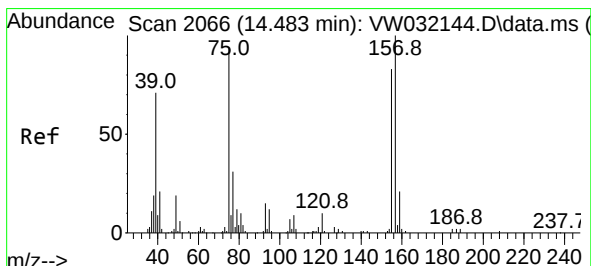
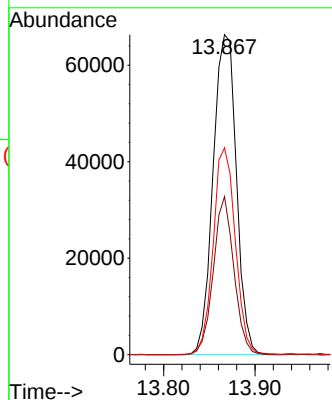
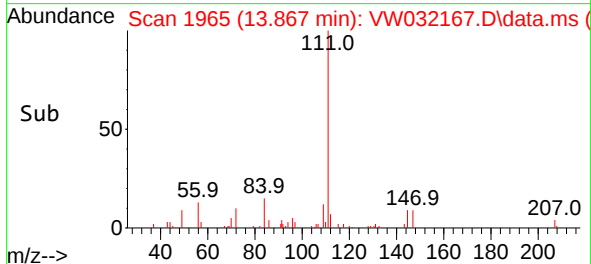


#91
1,2-Dichlorobenzene
Concen: 20.340 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45

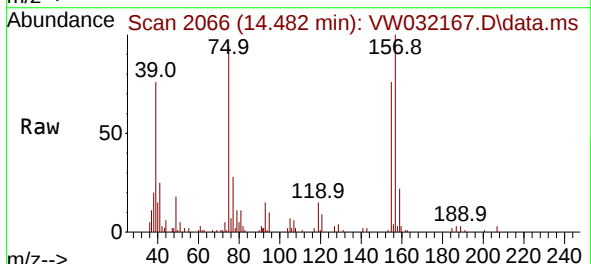
Instrument :
MSVOA_W
ClientSampleId :



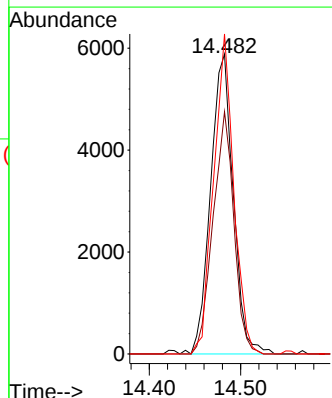
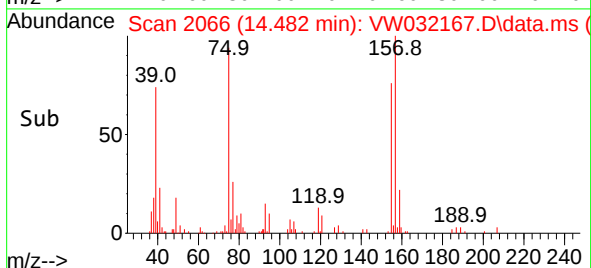
Tgt Ion:146 Resp: 117721
Ion Ratio Lower Upper
146 100
111 43.5 23.4 70.0
148 61.3 34.1 102.3

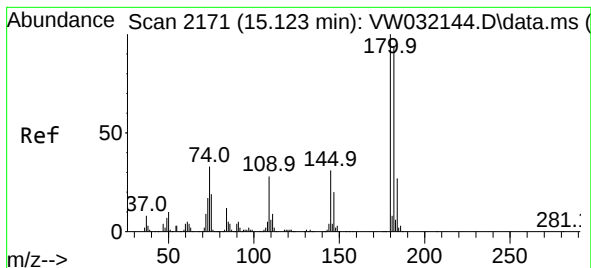


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.998 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032167.D
Acq: 15 Sep 2025 10:45



Tgt Ion: 75 Resp: 10155
Ion Ratio Lower Upper
75 100
155 74.2 40.8 122.5
157 94.6 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 18.922 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

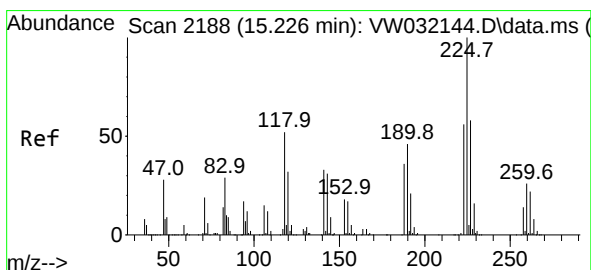
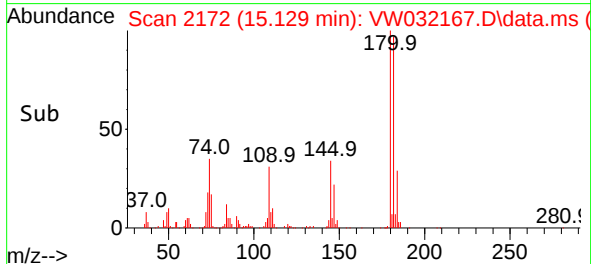
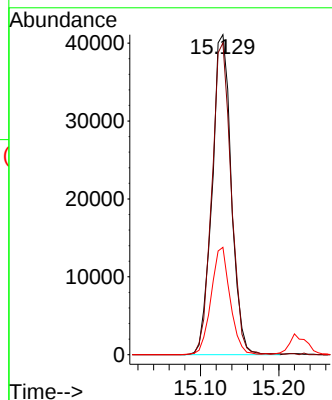
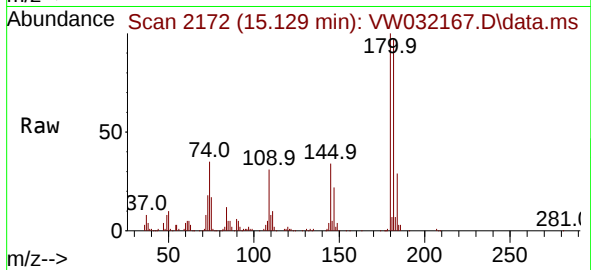
Tgt Ion:180 Resp: 69971

Ion Ratio Lower Upper

180 100

182 97.6 47.4 142.2

145 33.3 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.440 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

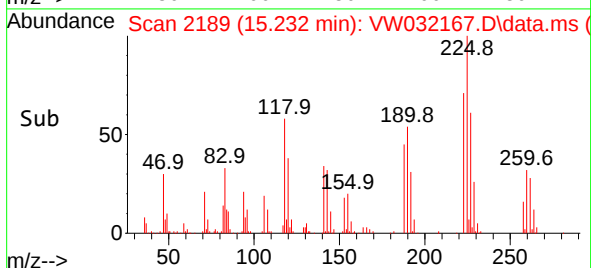
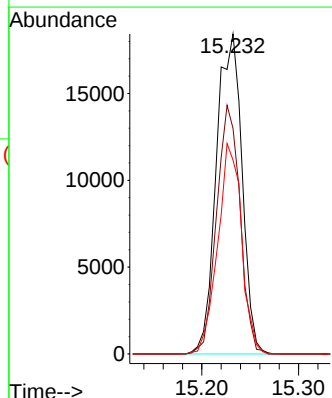
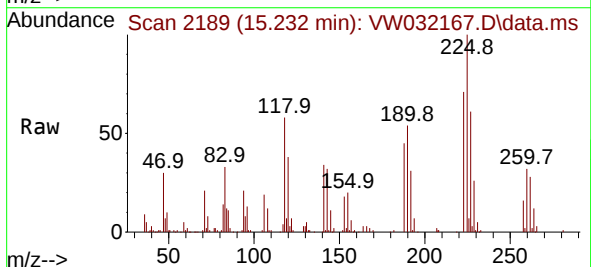
Tgt Ion:225 Resp: 33818

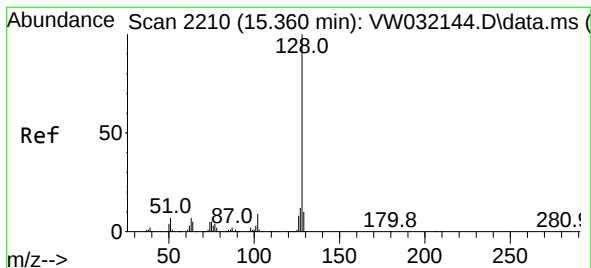
Ion Ratio Lower Upper

225 100

223 71.1 29.8 89.3

227 61.2 30.5 91.5





#95

Naphthalene

Concen: 17.994 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

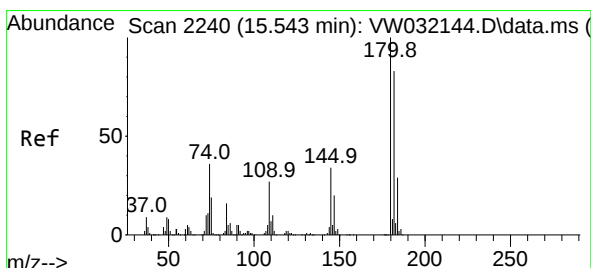
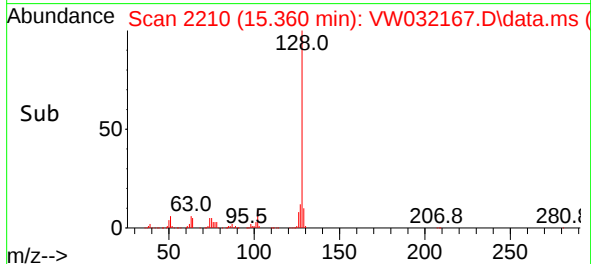
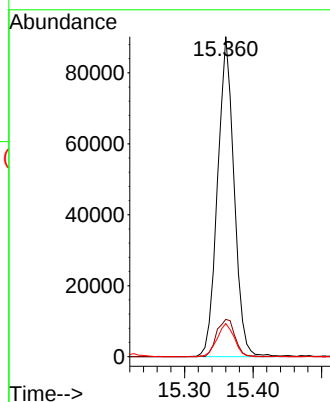
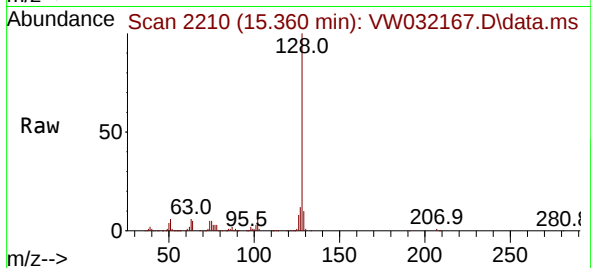
Tgt Ion:128 Resp: 150585

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 17.983 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032167.D

Acq: 15 Sep 2025 10:45

Tgt Ion:180 Resp: 61844

Ion Ratio Lower Upper

180 100

182 101.4 47.7 143.1

145 37.5 17.2 51.6

