

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032272.D
 Acq On : 26 Sep 2025 12:11
 Operator : SY/MD
 Sample : Q3178-03MSD
 Misc : 4.91g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MSD

Quant Time: Sep 27 04:34:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	143487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	267581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	203835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	62768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	147964	65.308	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 130.620%	
35) Dibromofluoromethane	7.898	113	115501	60.020	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 120.040%	
50) Toluene-d8	10.325	98	353787	51.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.617	95	97053	37.099	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 74.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	63819	64.377	ug/l	99
3) Chloromethane	2.259	50	88156	62.138	ug/l	96
4) Vinyl Chloride	2.411	62	110175	66.465	ug/l	98
5) Bromomethane	2.826	94	69458	61.363	ug/l	88
6) Chloroethane	2.972	64	76968	68.523	ug/l	98
7) Trichlorofluoromethane	3.308	101	83222	66.632	ug/l	93
8) Diethyl Ether	3.722	74	83361	70.586	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	99090	62.156	ug/l	98
10) Methyl Iodide	4.307	142	110704	51.340	ug/l	100
11) Tert butyl alcohol	5.228	59	54796	348.426	ug/l	99
12) 1,1-Dichloroethene	4.082	96	113160	66.402	ug/l	97
13) Acrolein	3.936	56	35089	125.357	ug/l	99
14) Allyl chloride	4.710	41	182159	68.876	ug/l	99
15) Acrylonitrile	5.405	53	214021	351.872	ug/l	100
16) Acetone	4.161	43	193229	332.097	ug/l	99
17) Carbon Disulfide	4.423	76	217965	55.628	ug/l	98
18) Methyl Acetate	4.710	43	279617	139.731	ug/l	99
19) Methyl tert-butyl Ether	5.472	73	248774	78.753	ug/l	99
20) Methylene Chloride	4.954	84	155338	78.113	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	119681	65.128	ug/l	94
22) Diisopropyl ether	6.344	45	414157	70.473	ug/l	95
23) Vinyl Acetate	6.350	43	273394	72.313	ug/l #	72
24) 1,1-Dichloroethane	6.246	63	255416	68.848	ug/l	99
25) 2-Butanone	7.197	43	287945	355.048	ug/l	97
26) 2,2-Dichloropropane	7.191	77	124915	68.329	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	153943	67.355	ug/l	99
28) Bromochloromethane	7.533	49	122819	69.380	ug/l #	99
29) Tetrahydrofuran	7.557	42	194234	368.912	ug/l	100
30) Chloroform	7.697	83	262252	67.752	ug/l	96
31) Cyclohexane	7.971	56	150727	51.524	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	174334	66.855	ug/l	98
36) 1,1-Dichloropropene	8.093	75	159042	61.301	ug/l	99
37) Ethyl Acetate	7.276	43	72687	42.243	ug/l	99
38) Carbon Tetrachloride	8.087	117	148671	60.908	ug/l	89
39) Methylcyclohexane	9.343	83	124647	41.521	ug/l	98
40) Benzene	8.337	78	518333	63.471	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	70899	71.944	ug/l	95
42) 1,2-Dichloroethane	8.416	62	184798	68.078	ug/l	100
43) Isopropyl Acetate	8.441	43	153520	49.842	ug/l	97
44) Trichloroethene	9.105	130	113335	59.374	ug/l	90
45) 1,2-Dichloropropane	9.374	63	137183	64.859	ug/l	99
46) Dibromomethane	9.465	93	86380	66.425	ug/l	98
47) Bromodichloromethane	9.654	83	190738	64.308	ug/l	98
48) Methyl methacrylate	9.441	41	134634	92.911	ug/l	94
49) 1,4-Dioxane	9.465	88	27228	1563.353	ug/l #	95
51) 4-Methyl-2-Pentanone	10.215	43	651518	356.757	ug/l	98
52) Toluene	10.392	92	300006	59.271	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	167271	61.554	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	192622	61.398	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	114941	64.754	ug/l	98
56) Ethyl methacrylate	10.648	69	83299	35.626	ug/l	96
57) 1,3-Dichloropropane	10.934	76	201378	65.671	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	480249	374.170	ug/l	99
59) 2-Hexanone	10.971	43	424958	340.753	ug/l	97
60) Dibromochloromethane	11.136	129	119713	61.410	ug/l	97
61) 1,2-Dibromoethane	11.239	107	105181	62.546	ug/l	98
64) Tetrachloroethene	10.867	164	76637	61.695	ug/l	90
65) Chlorobenzene	11.660	112	275468	58.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	102985	69.355	ug/l	99
67) Ethyl Benzene	11.733	91	477683	62.156	ug/l	99
68) m/p-Xylenes	11.843	106	349176	118.525	ug/l	99
69) o-Xylene	12.166	106	171044	61.778	ug/l	97
70) Styrene	12.178	104	281268	57.930	ug/l	100
71) Bromoform	12.349	173	55763	64.442	ug/l #	94
73) Isopropylbenzene	12.465	105	362799	83.044	ug/l	98
74) N-amyl acetate	12.269	43	46950	34.126	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	125487	109.553	ug/l	98
76) 1,2,3-Trichloropropane	12.769	75	156616	181.365	ug/l #	1
77) Bromobenzene	12.745	156	91967	85.587	ug/l	87
78) n-propylbenzene	12.800	91	403415	73.514	ug/l	99
79) 2-Chlorotoluene	12.891	91	248824	74.852	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	268846	71.978	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	36851	110.844	ug/l	95
82) 4-Chlorotoluene	12.989	91	254787	72.523	ug/l	97
83) tert-Butylbenzene	13.202	119	214473	68.659	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	268079	70.690	ug/l	96
85) sec-Butylbenzene	13.379	105	283714	60.483	ug/l	100
86) p-Isopropyltoluene	13.495	119	227849	58.651	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	128671	60.537	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	129096	59.454	ug/l	91
89) n-Butylbenzene	13.818	91	174413	44.736	ug/l	99
90) Hexachloroethane	14.092	117	37396	51.648	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	120044	60.375	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.482	75	19630	100.194	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	32039	27.161	ug/l	93
94) Hexachlorobutadiene	15.232	225	14262	26.326	ug/l	91
95) Naphthalene	15.360	128	121884	43.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	27514	25.085	ug/l	97

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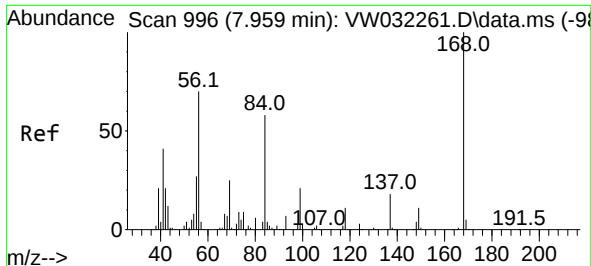
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QLast Update : Fri Sep 26 07:11:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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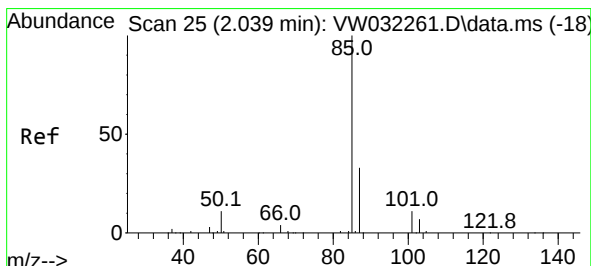
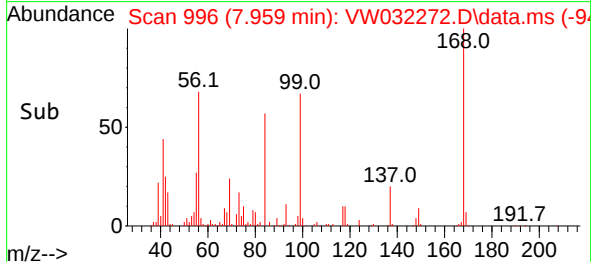
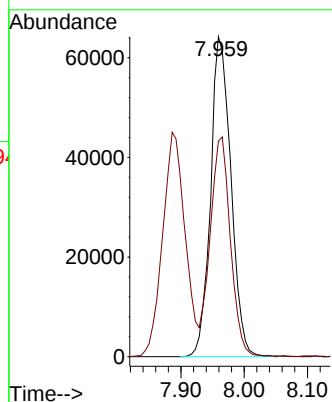
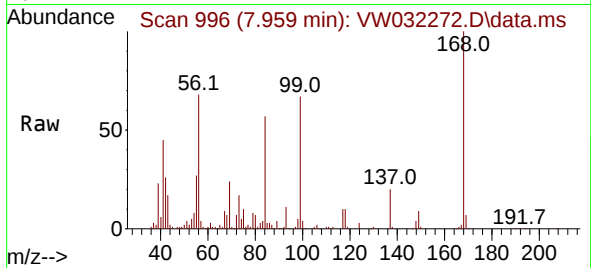




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
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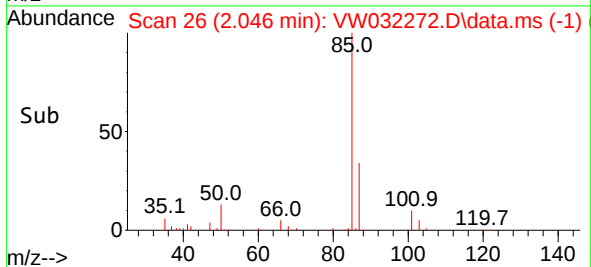
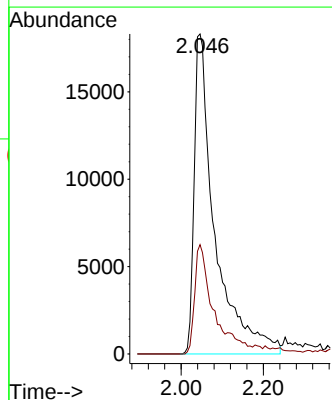
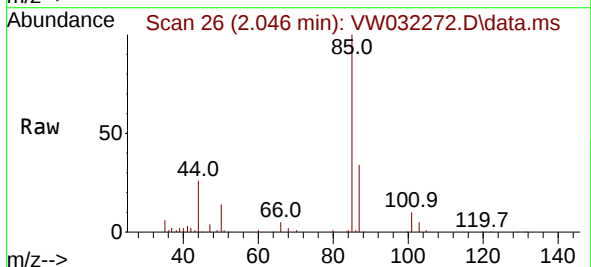
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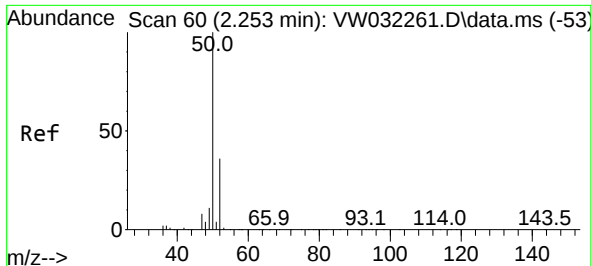
Tgt Ion:168 Resp: 143487
Ion Ratio Lower Upper
168 100
99 67.2 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 64.377 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 85 Resp: 63819
Ion Ratio Lower Upper
85 100
87 34.2 16.7 50.1

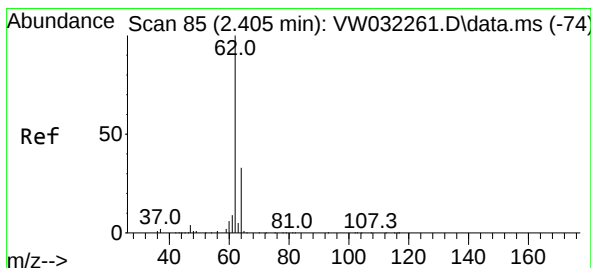
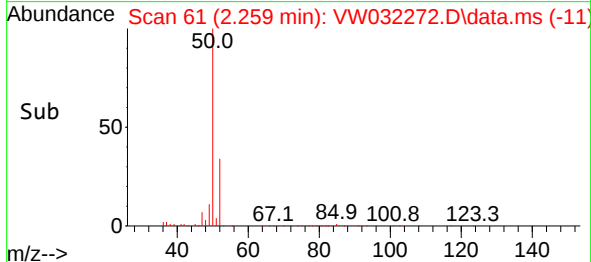
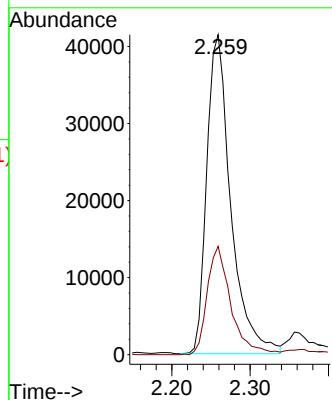
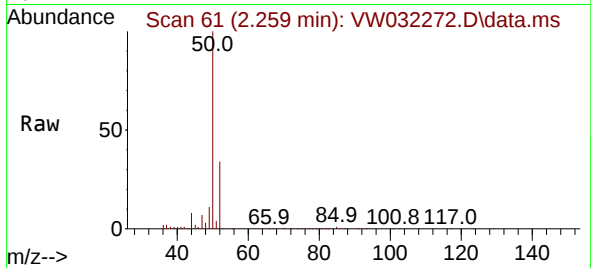




#3
Chloromethane
Concen: 62.138 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

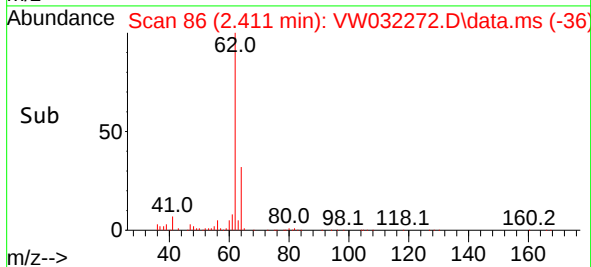
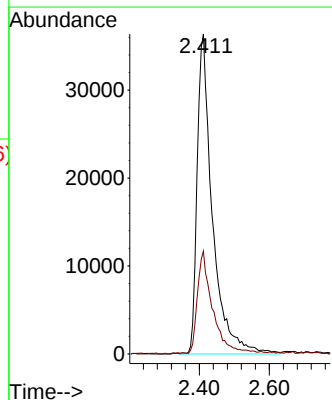
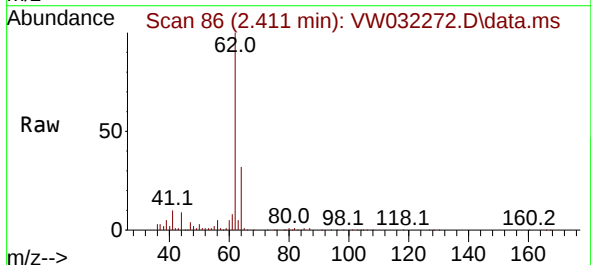
Instrument :
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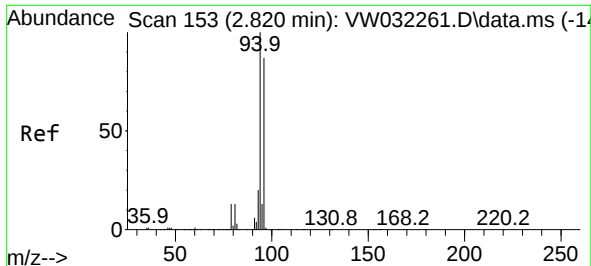
Tgt Ion: 50 Resp: 88156
Ion Ratio Lower Upper
50 100
52 34.0 28.9 43.3



#4
Vinyl Chloride
Concen: 66.465 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 62 Resp: 110175
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.4

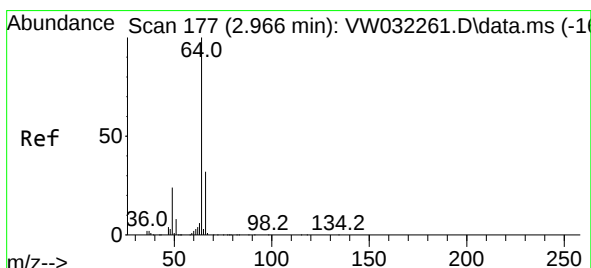
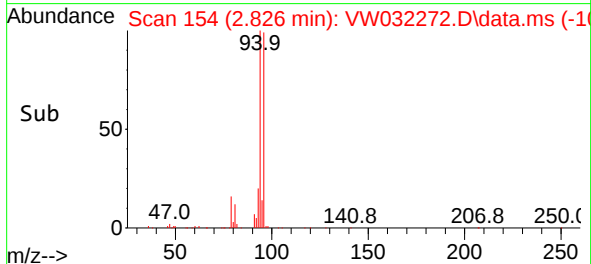
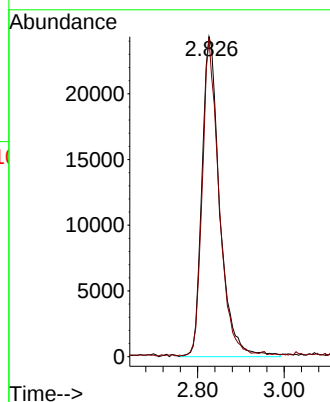
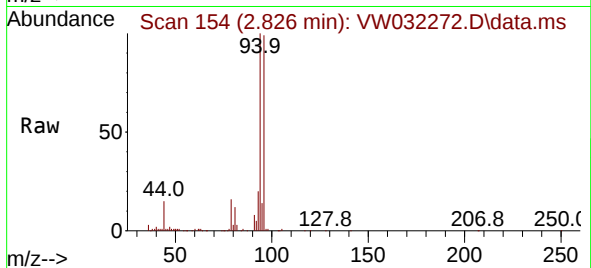




#5
Bromomethane
Concen: 61.363 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032272.D
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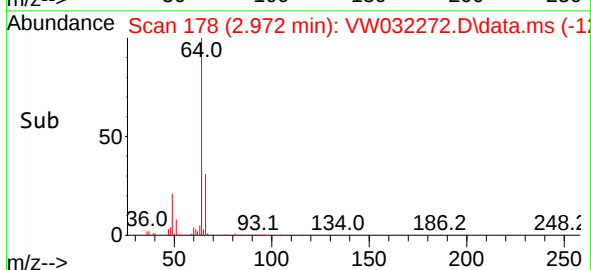
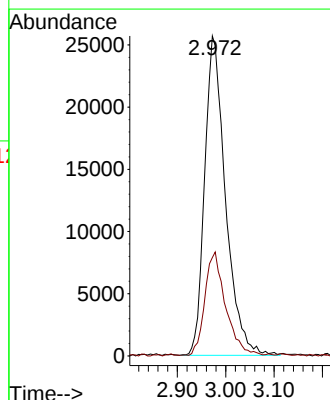
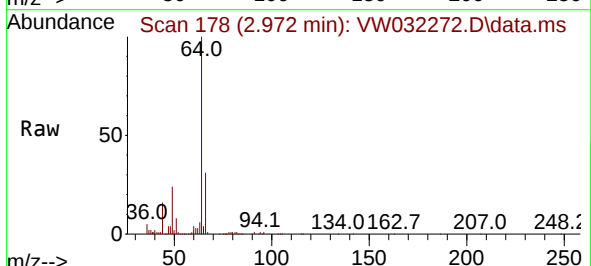
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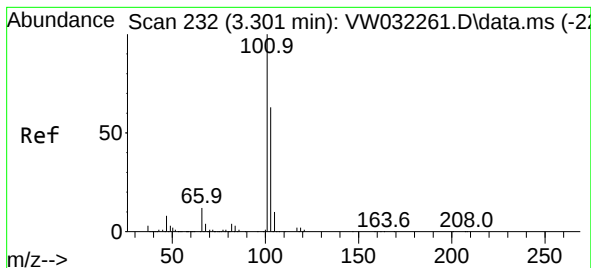
Tgt Ion: 94 Resp: 69458
Ion Ratio Lower Upper
94 100
96 98.9 70.0 105.0



#6
Chloroethane
Concen: 68.523 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 64 Resp: 76968
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3





#7

Trichlorofluoromethane

Concen: 66.632 ug/l

RT: 3.308 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

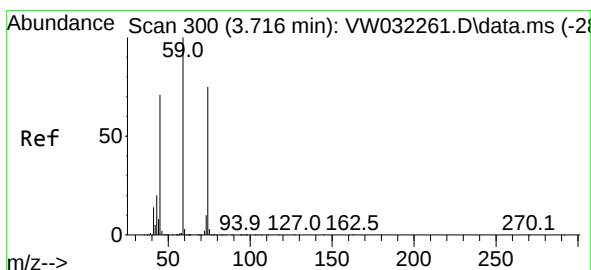
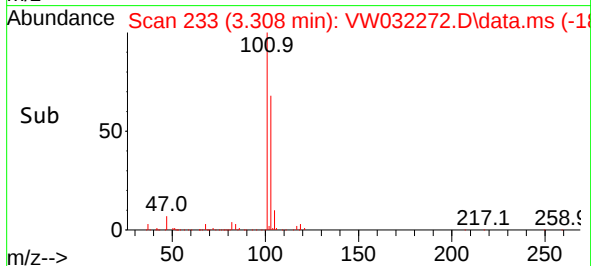
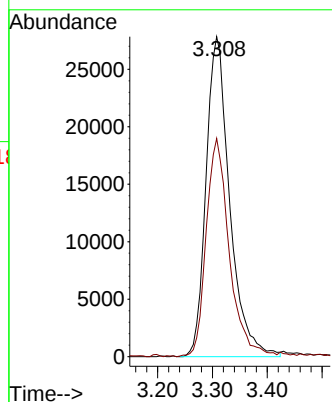
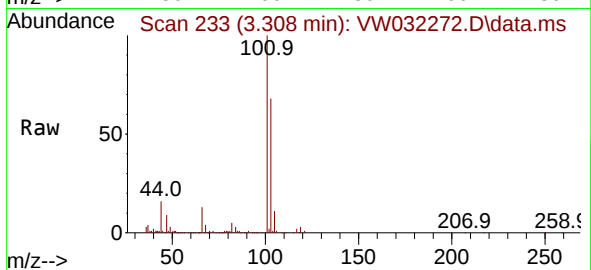
EME-TS14-01MSD

Tgt Ion:101 Resp: 83222

Ion Ratio Lower Upper

101 100

103 68.0 50.3 75.5



#8

Diethyl Ether

Concen: 70.586 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.006 min

Lab File: VW032272.D

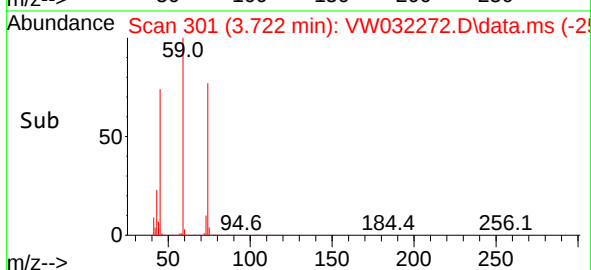
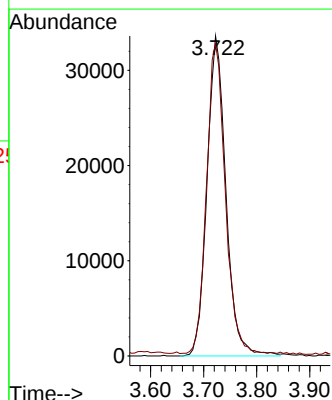
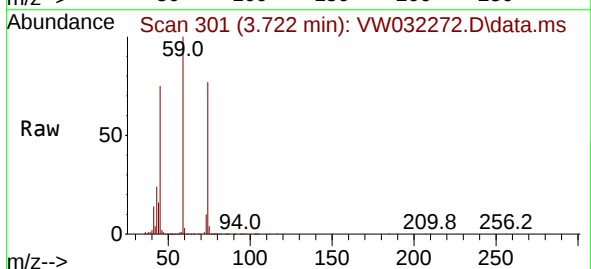
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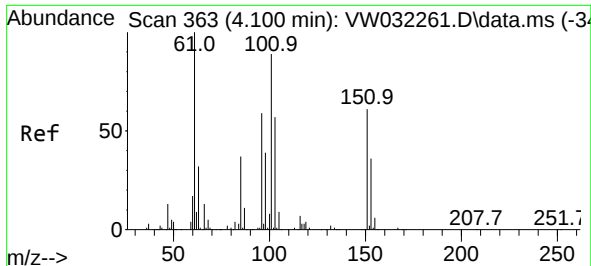
Tgt Ion: 74 Resp: 83361

Ion Ratio Lower Upper

74 100

45 95.7 49.0 147.2

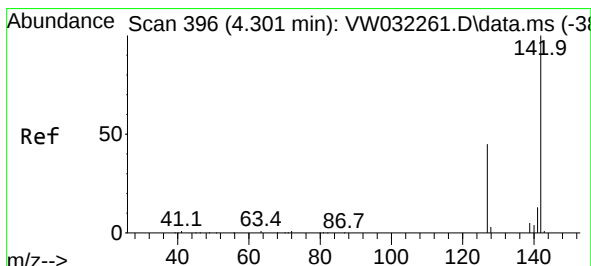
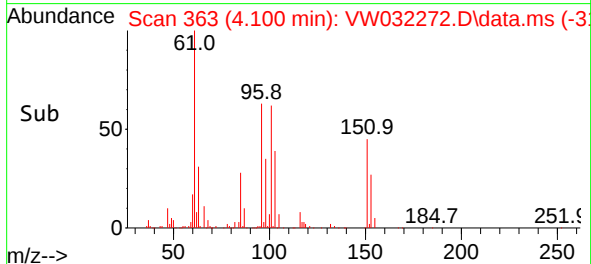
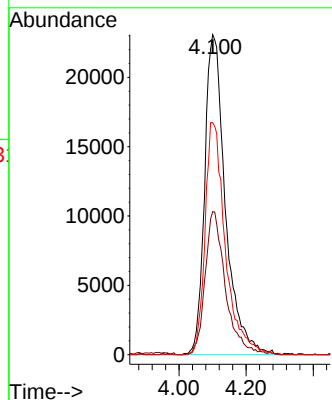
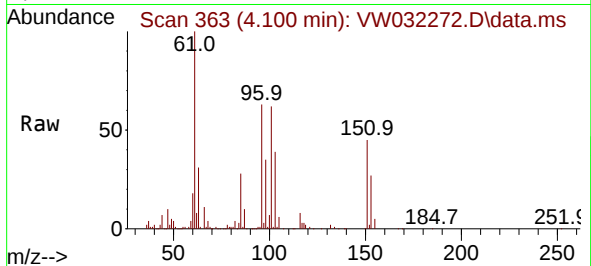




#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.156 ug/l
RT: 4.100 min Scan# 363
Delta R.T. 0.000 min
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Acq: 26 Sep 2025 12:11

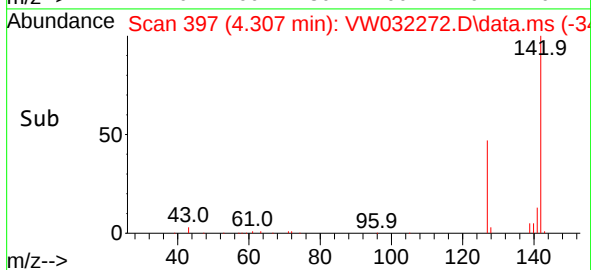
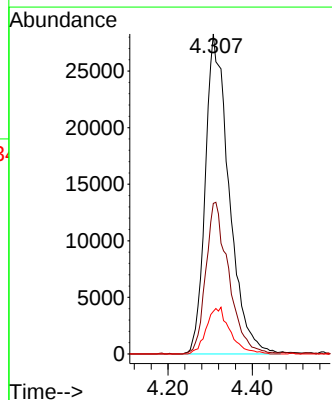
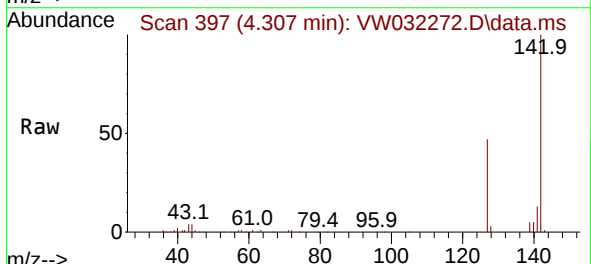
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

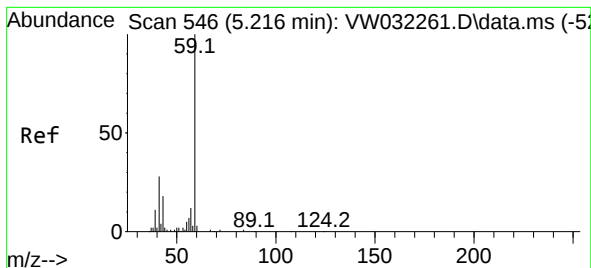
Tgt Ion:101 Resp: 99090
Ion Ratio Lower Upper
101 100
85 43.9 33.7 50.5
151 70.9 55.7 83.5



#10
Methyl Iodide
Concen: 51.340 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:142 Resp: 110704
Ion Ratio Lower Upper
142 100
127 46.0 36.9 55.3
141 14.5 12.0 18.0





#11

Tert butyl alcohol

Concen: 348.426 ug/l

RT: 5.228 min Scan# 546

Delta R.T. 0.012 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

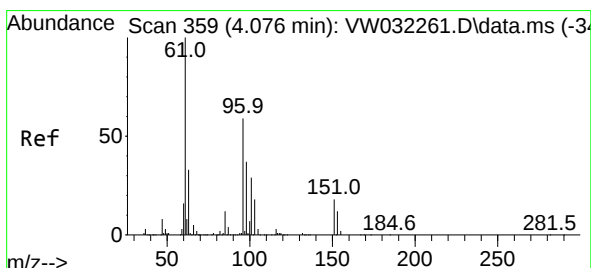
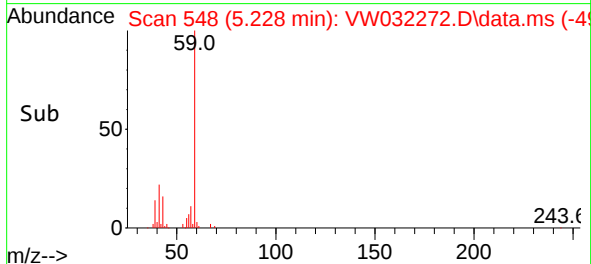
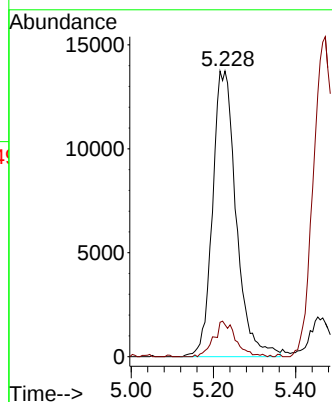
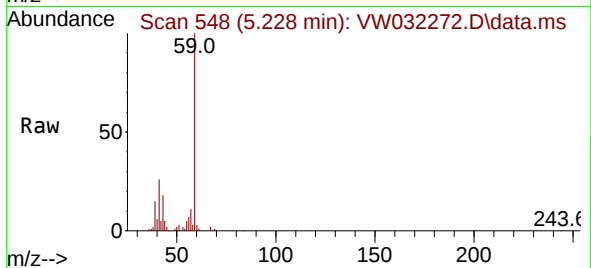
EME-TS14-01MSD

Tgt Ion: 59 Resp: 54796

Ion Ratio Lower Upper

59 100

57 11.5 8.9 13.3



#12

1,1-Dichloroethene

Concen: 66.402 ug/l

RT: 4.082 min Scan# 360

Delta R.T. 0.006 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

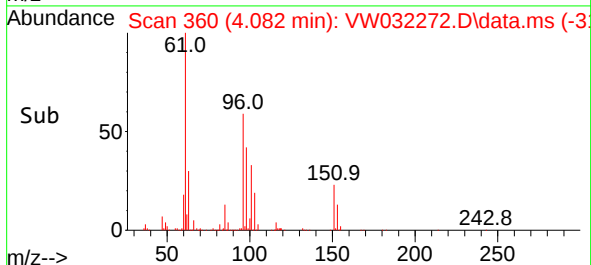
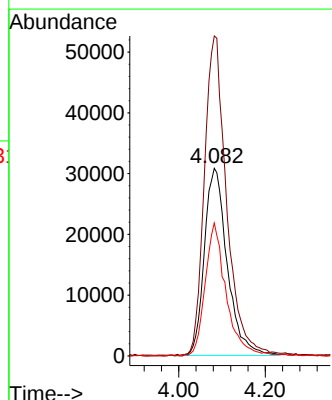
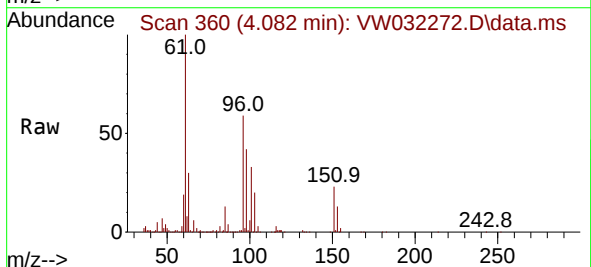
Tgt Ion: 96 Resp: 113160

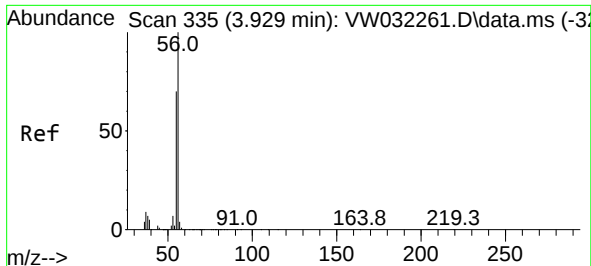
Ion Ratio Lower Upper

96 100

61 170.9 136.3 204.5

98 70.6 50.7 76.1

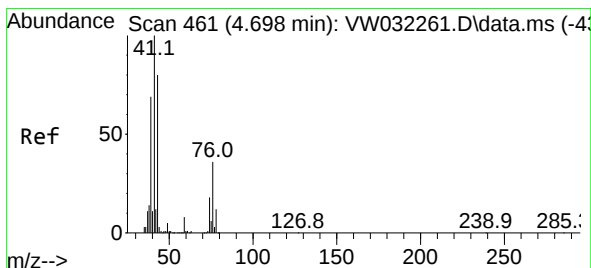
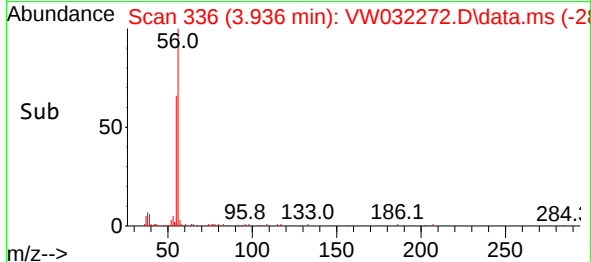
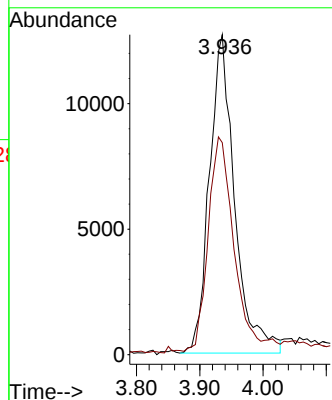
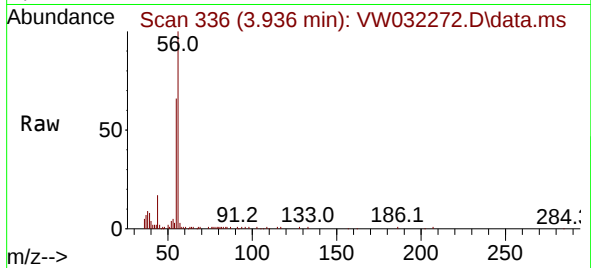




#13
Acrolein
Concen: 125.357 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

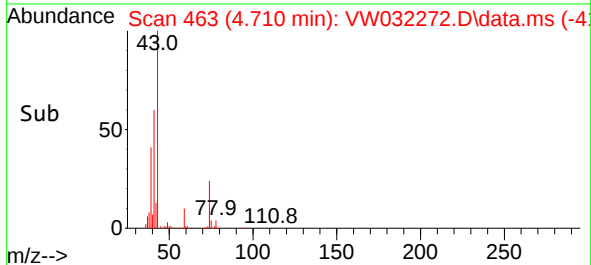
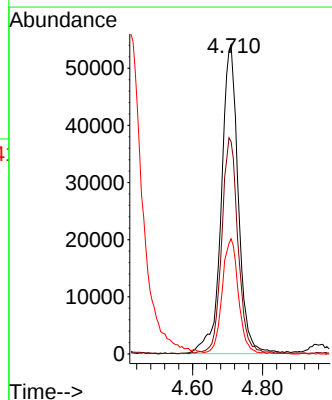
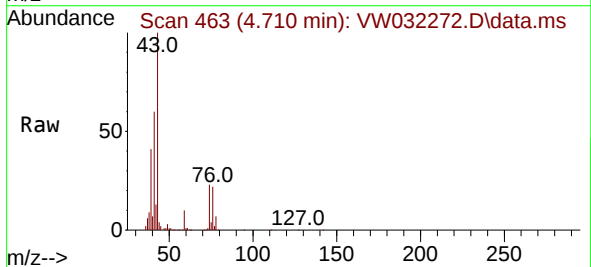
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

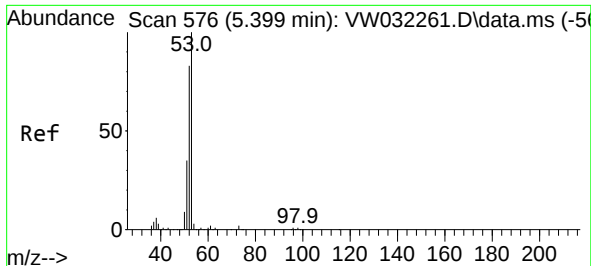
Tgt Ion: 56 Resp: 35089
Ion Ratio Lower Upper
56 100
55 67.3 53.2 79.8



#14
Allyl chloride
Concen: 68.876 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.012 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 41 Resp: 182159
Ion Ratio Lower Upper
41 100
39 67.1 54.3 81.5
76 35.1 28.7 43.1

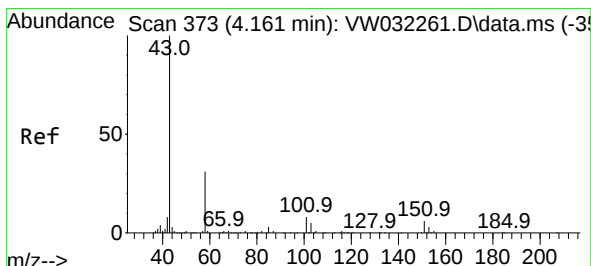
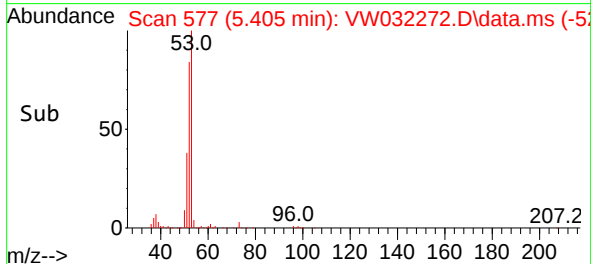
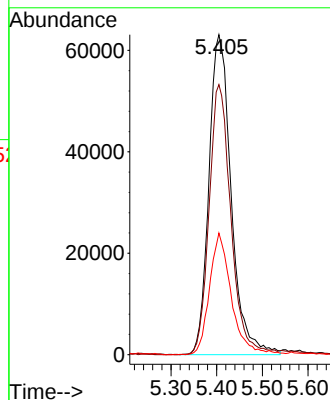
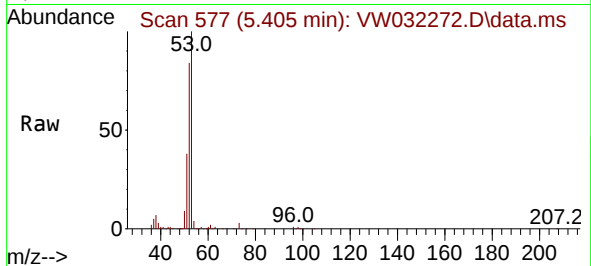




#15
Acrylonitrile
Concen: 351.872 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

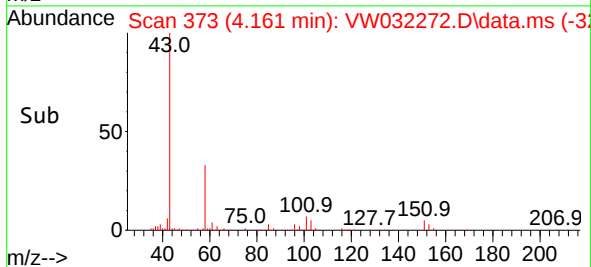
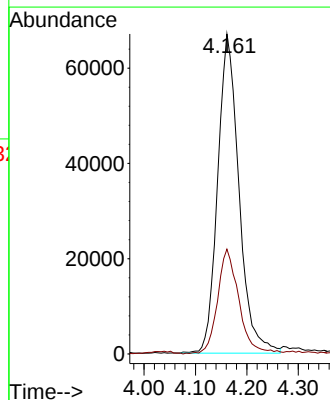
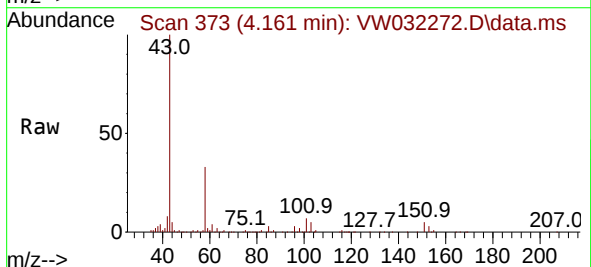
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

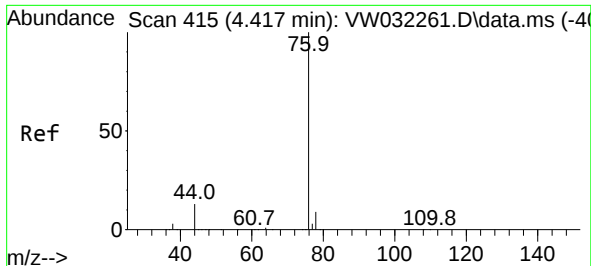
Tgt Ion: 53 Resp: 214021
Ion Ratio Lower Upper
53 100
52 82.6 66.3 99.5
51 37.3 29.6 44.4



#16
Acetone
Concen: 332.097 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 193229
Ion Ratio Lower Upper
43 100
58 32.5 25.4 38.0

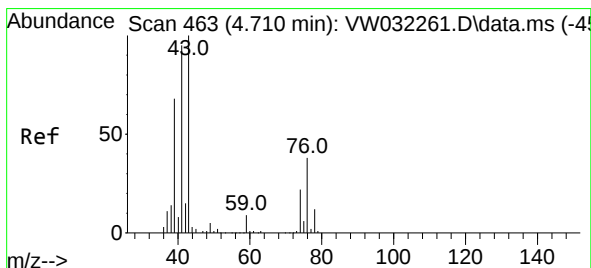
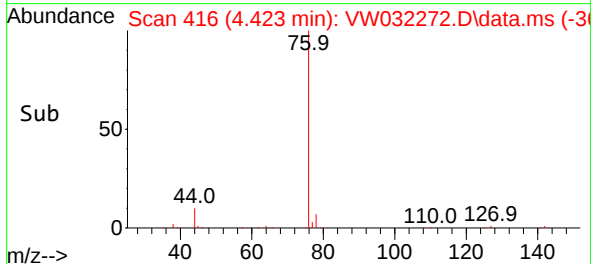
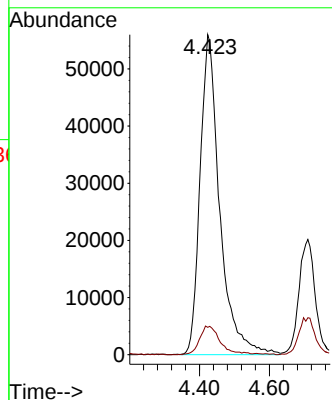
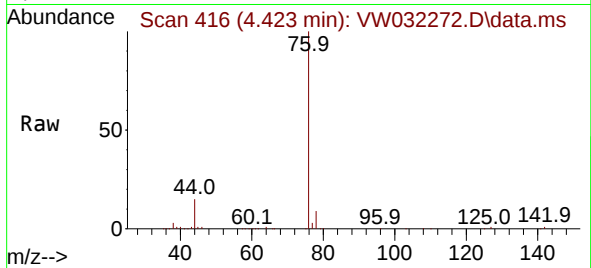




#17
Carbon Disulfide
Concen: 55.628 ug/l
RT: 4.423 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

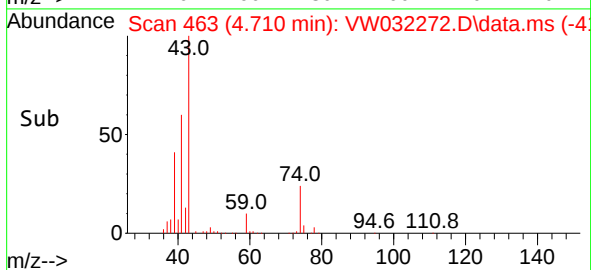
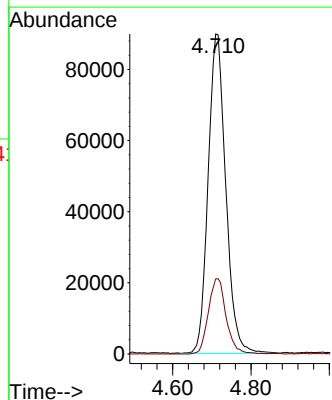
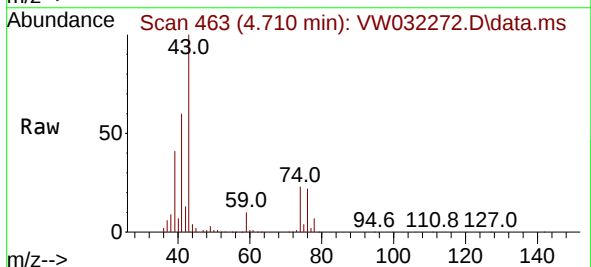
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

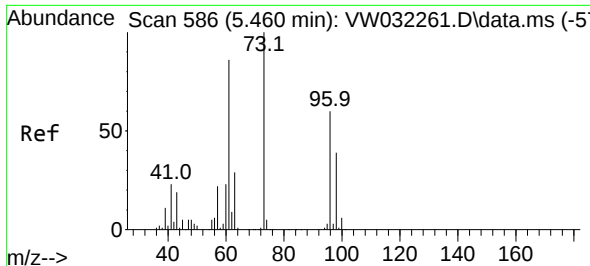
Tgt Ion: 76 Resp: 217965
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 139.731 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 279617
Ion Ratio Lower Upper
43 100
74 23.8 18.8 28.2

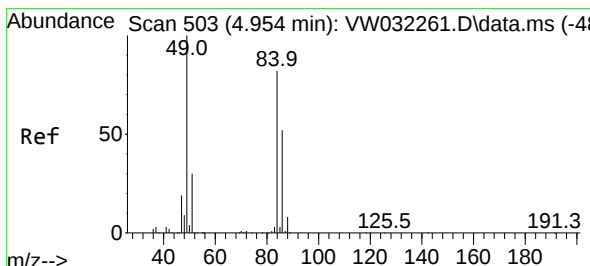
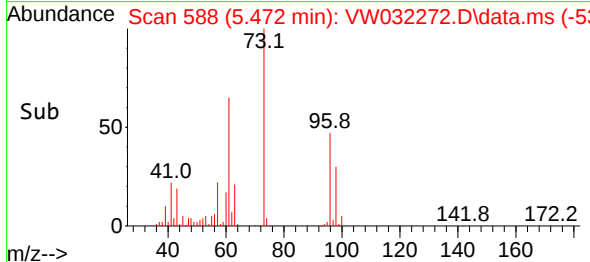
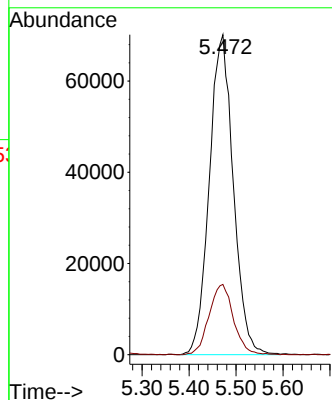
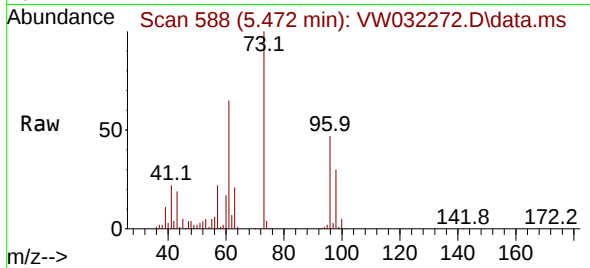




#19
Methyl tert-butyl Ether
Concen: 78.753 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

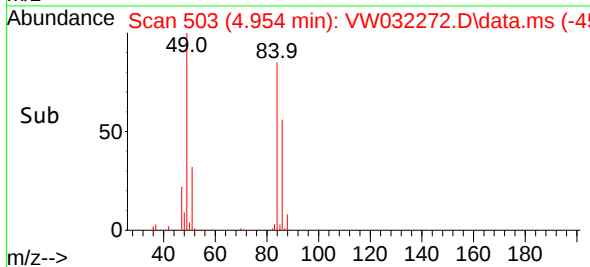
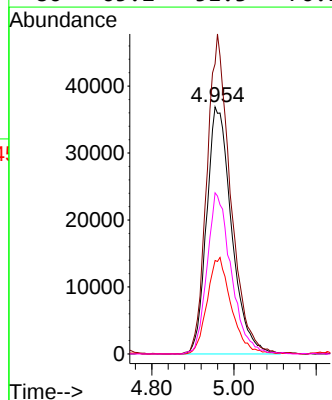
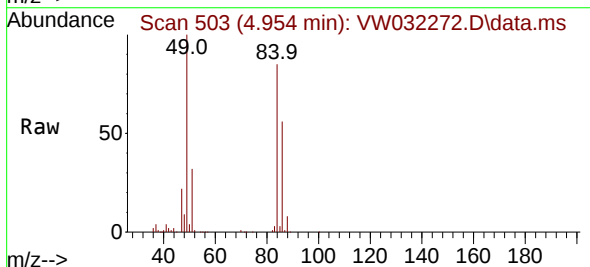
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

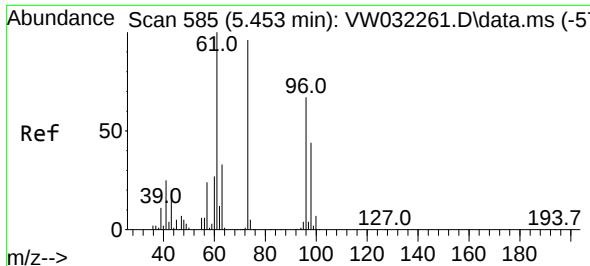
Tgt Ion: 73 Resp: 248774
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 78.113 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 84 Resp: 155338
Ion Ratio Lower Upper
84 100
49 117.5 97.8 146.6
51 37.9 29.9 44.9
86 65.2 51.3 76.9

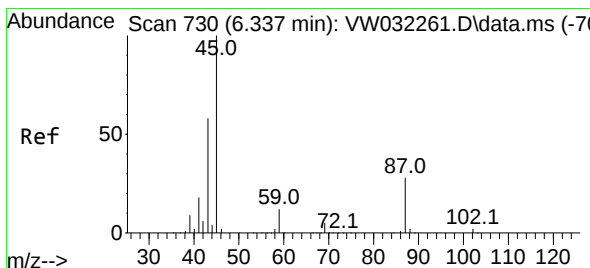
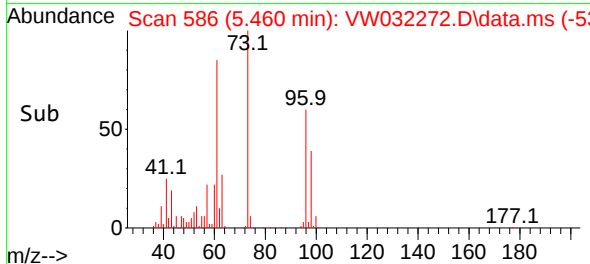
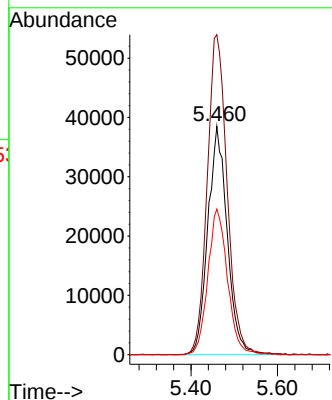
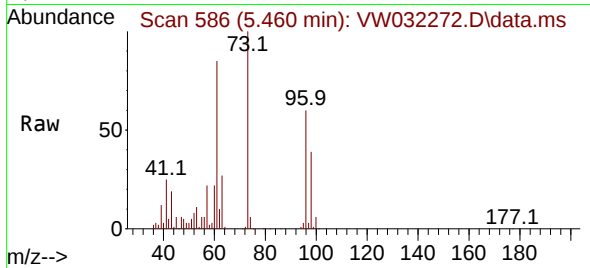




#21
trans-1,2-Dichloroethene
Concen: 65.128 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

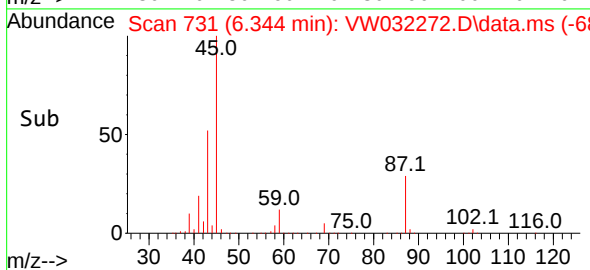
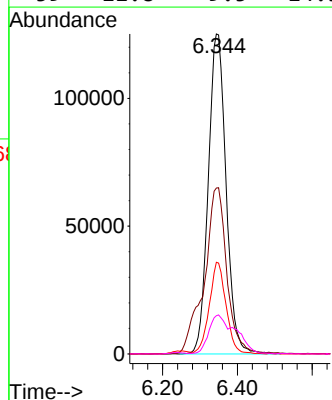
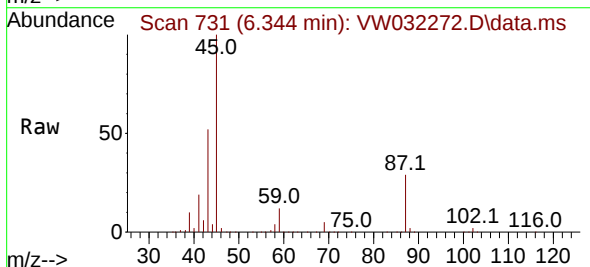
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

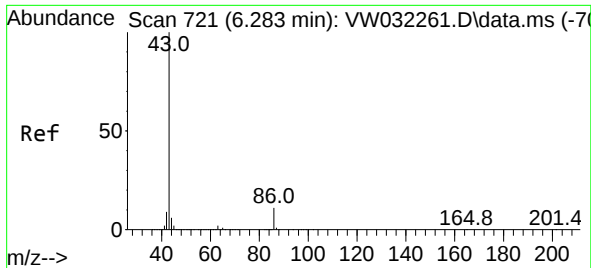
Tgt Ion: 96 Resp: 119681
Ion Ratio Lower Upper
96 100
61 140.0 119.2 178.8
98 63.7 52.5 78.7



#22
Diisopropyl ether
Concen: 70.473 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 45 Resp: 414157
Ion Ratio Lower Upper
45 100
43 51.6 46.2 69.4
87 28.6 22.2 33.2
59 11.8 9.5 14.3

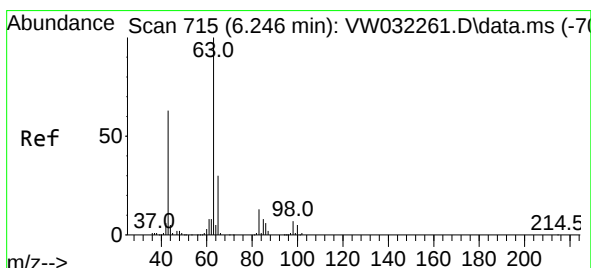
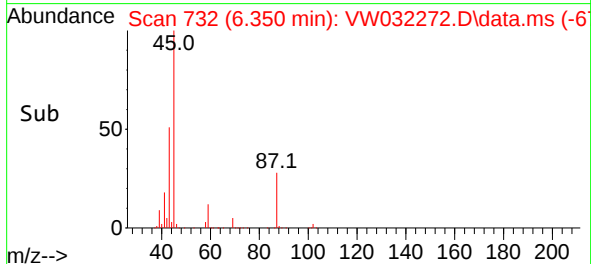
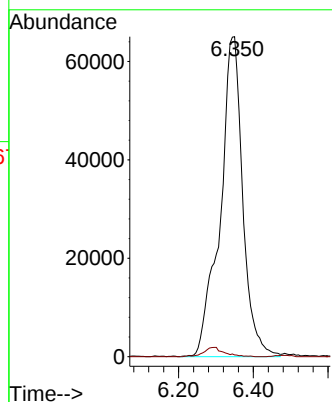
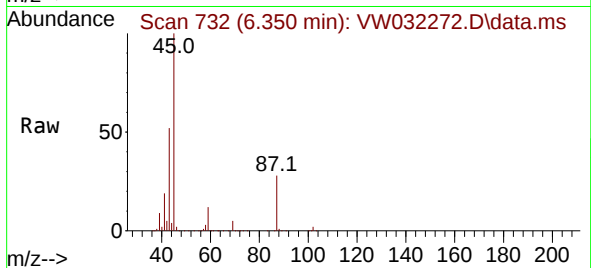




#23
 Vinyl Acetate
 Concen: 72.313 ug/l
 RT: 6.350 min Scan# 715
 Delta R.T. 0.067 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

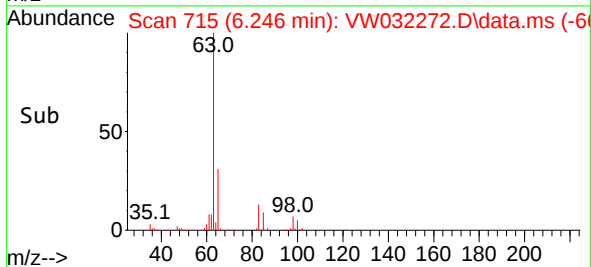
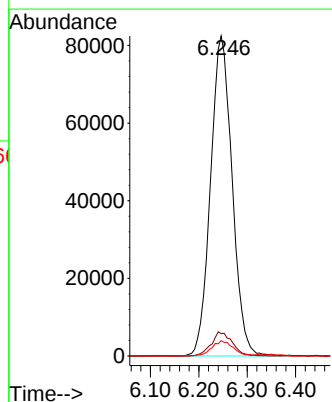
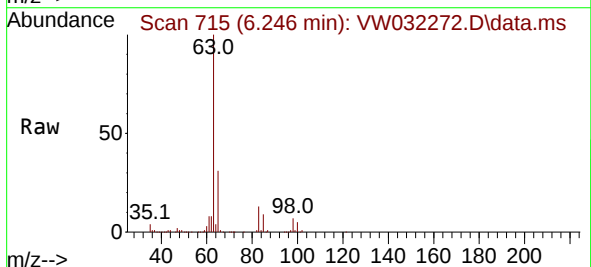
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MSD

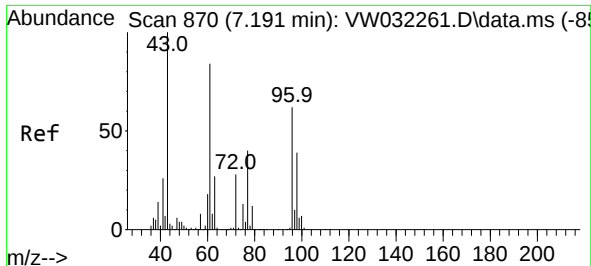
Tgt Ion: 43 Resp: 273394
 Ion Ratio Lower Upper
 43 100
 86 0.6 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 68.848 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

Tgt Ion: 63 Resp: 255416
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.8 2.4 7.1

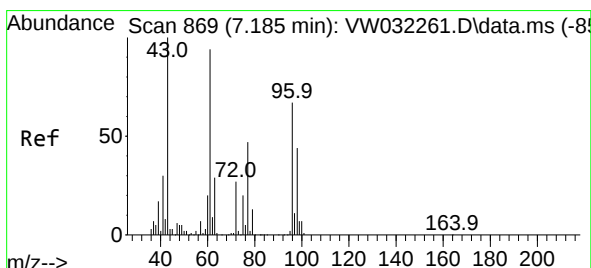
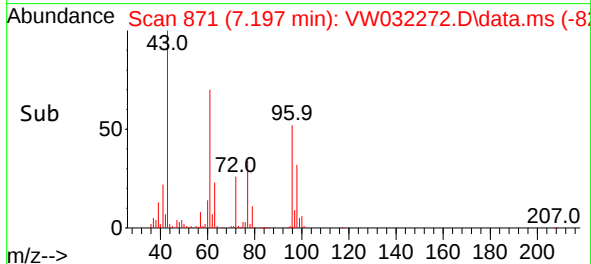
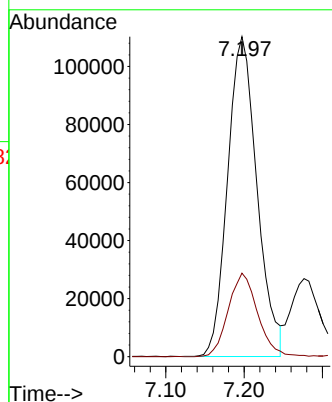
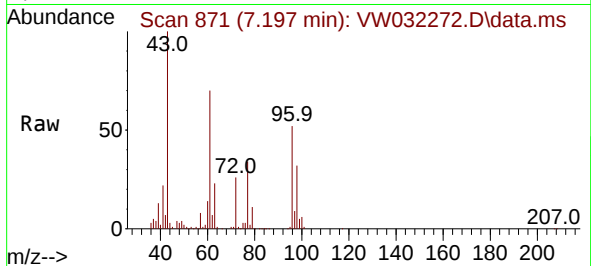




#25
2-Butanone
Concen: 355.048 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

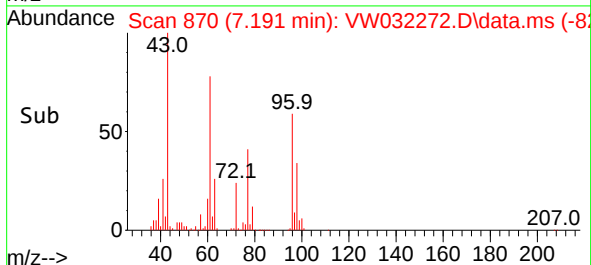
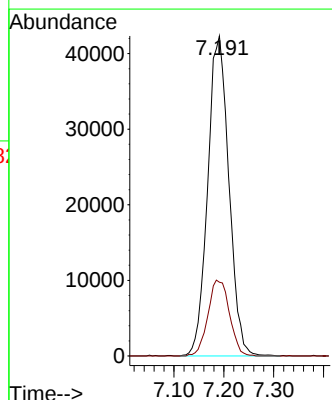
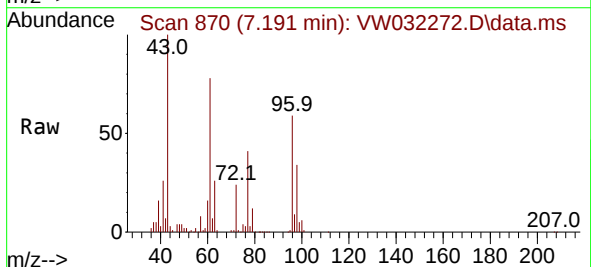
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

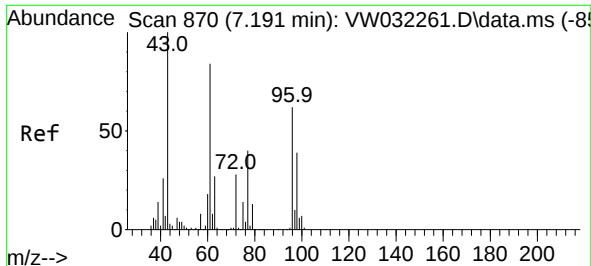
Tgt Ion: 43 Resp: 287945
Ion Ratio Lower Upper
43 100
72 26.1 22.3 33.5



#26
2,2-Dichloropropane
Concen: 68.329 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 77 Resp: 124915
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.0

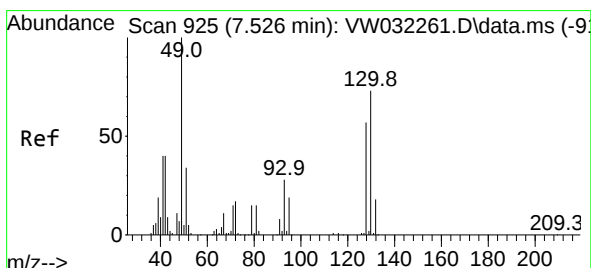
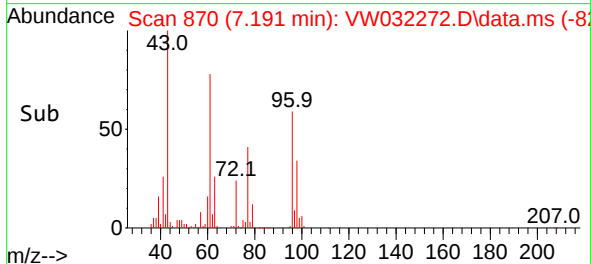
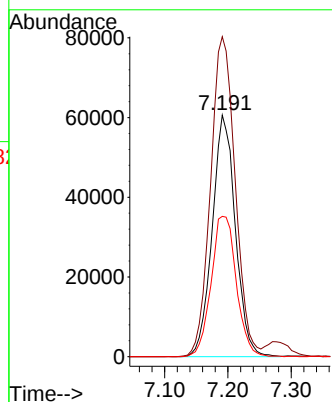
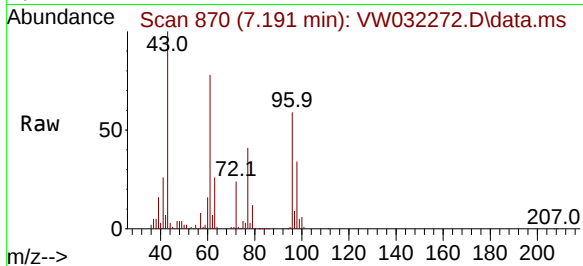




#27
 cis-1,2-Dichloroethene
 Concen: 67.355 ug/l
 RT: 7.191 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

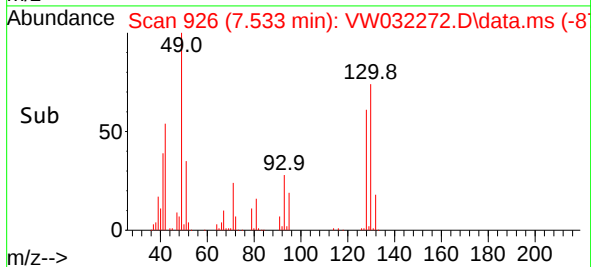
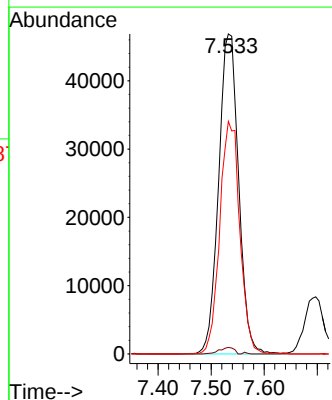
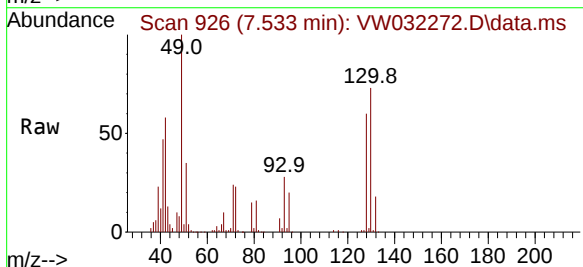
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MSD

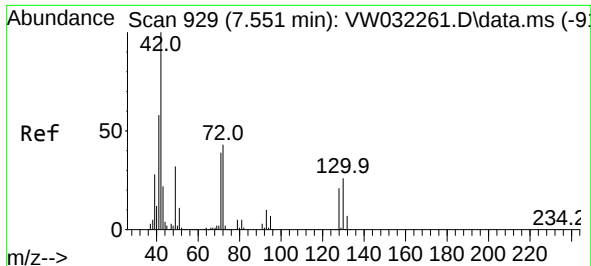
Tgt Ion: 96 Resp: 153943
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 281.8
 98 63.2 0.0 130.8



#28
 Bromochloromethane
 Concen: 69.380 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.006 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

Tgt Ion: 49 Resp: 122819
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.2
 130 72.7 0.0 0.0#





#29

Tetrahydrofuran

Concen: 368.912 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MSD

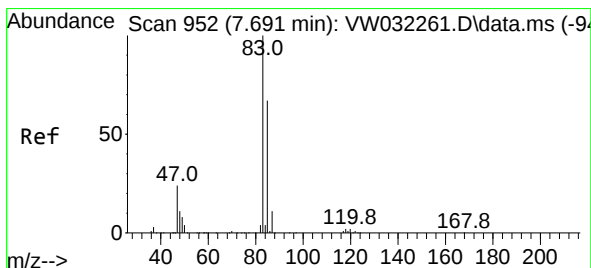
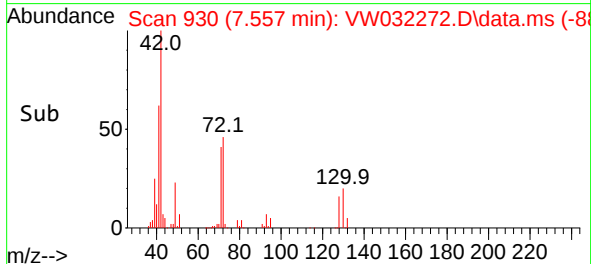
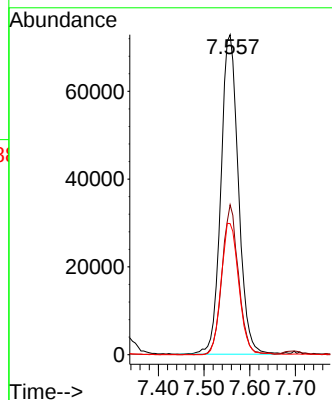
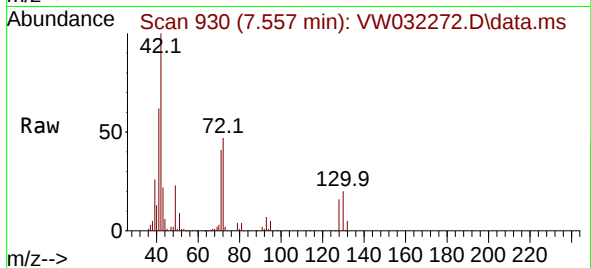
Tgt Ion: 42 Resp: 194234

Ion Ratio Lower Upper

42 100

72 44.1 35.1 52.7

71 41.6 33.3 49.9



#30

Chloroform

Concen: 67.752 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032272.D

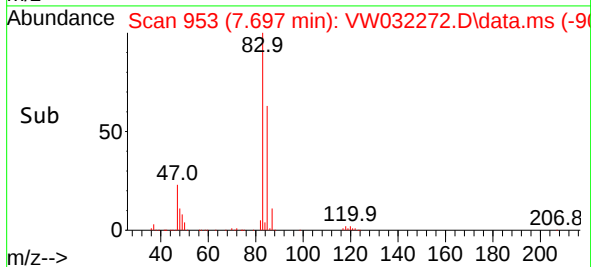
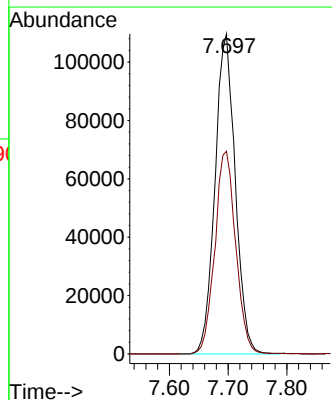
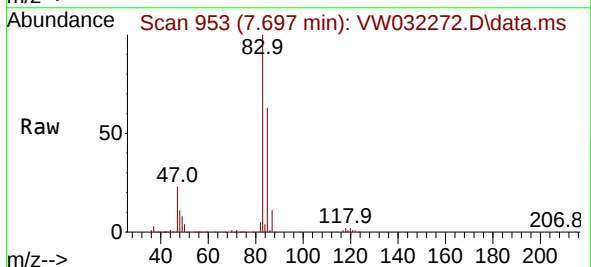
Acq: 26 Sep 2025 12:11

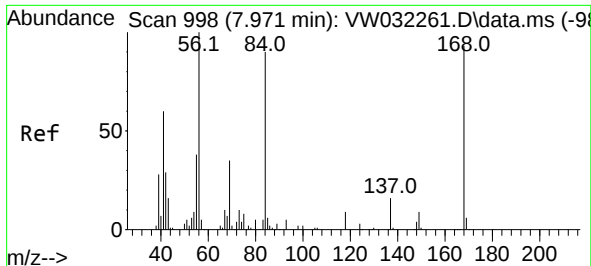
Tgt Ion: 83 Resp: 262252

Ion Ratio Lower Upper

83 100

85 63.3 53.3 79.9

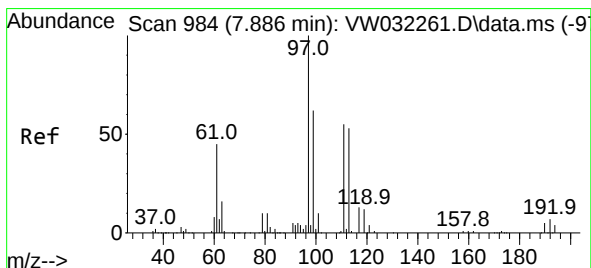
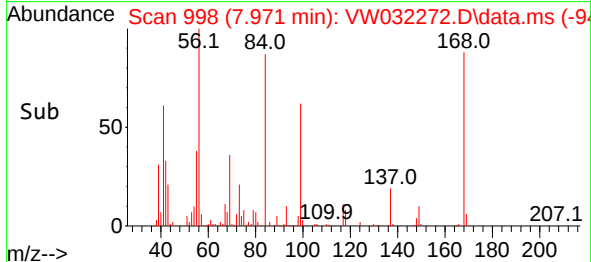
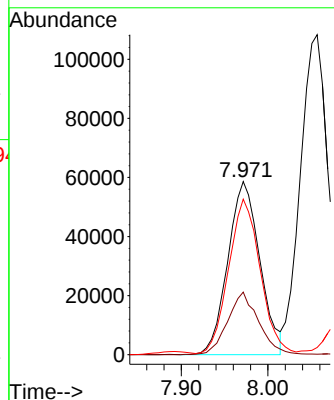
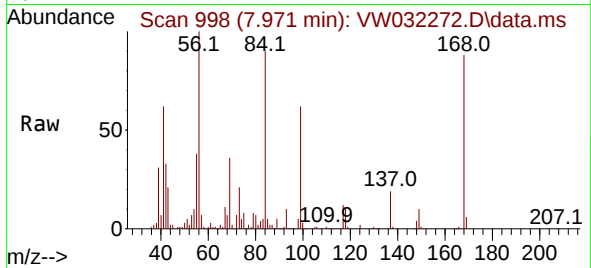




#31
Cyclohexane
Concen: 51.524 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

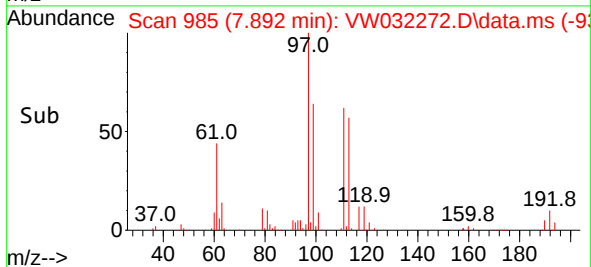
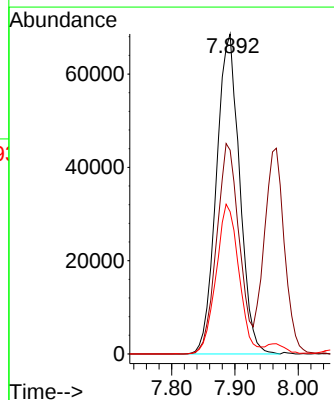
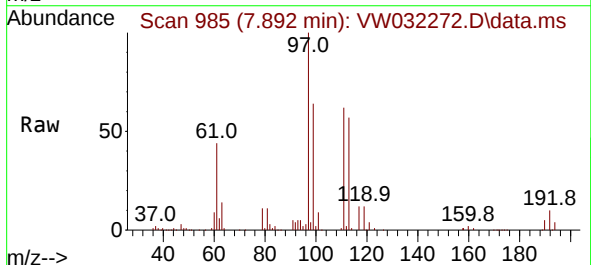
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

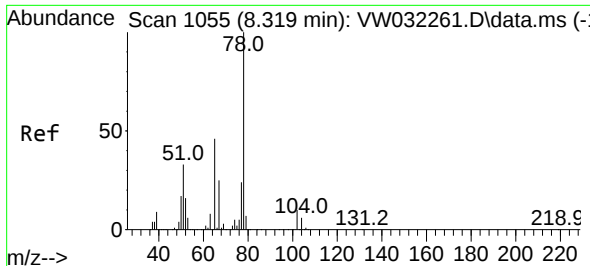
Tgt Ion: 56 Resp: 150727
Ion Ratio Lower Upper
56 100
69 36.2 28.2 42.2
84 88.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 66.855 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 97 Resp: 174334
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 46.7 36.2 54.4

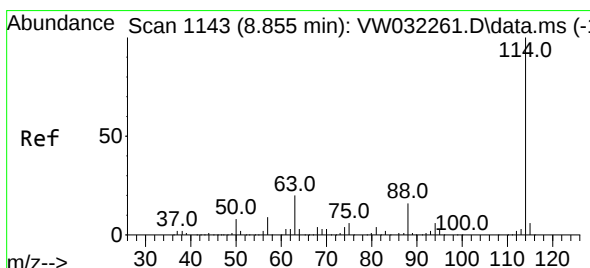
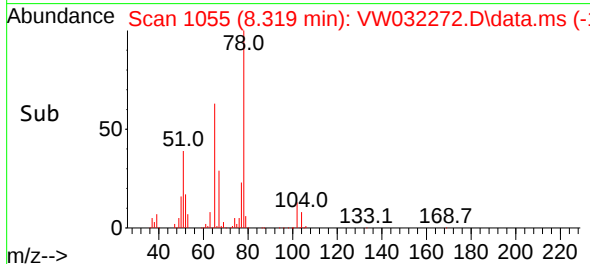
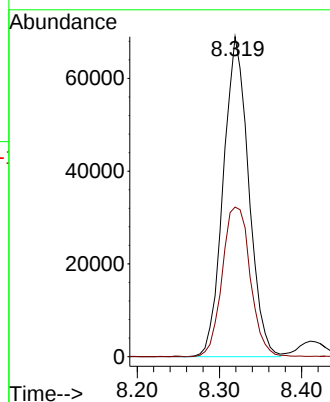
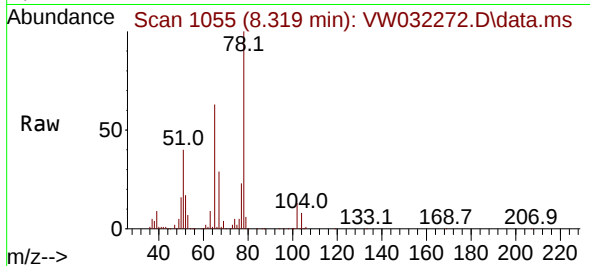




#33
 1,2-Dichloroethane-d4
 Concen: 65.308 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

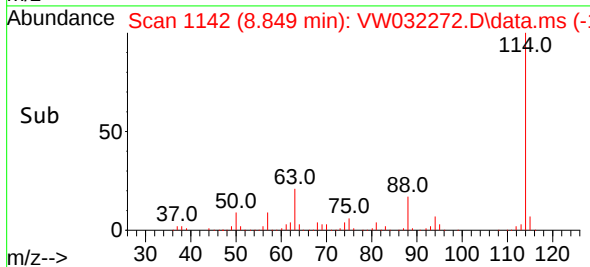
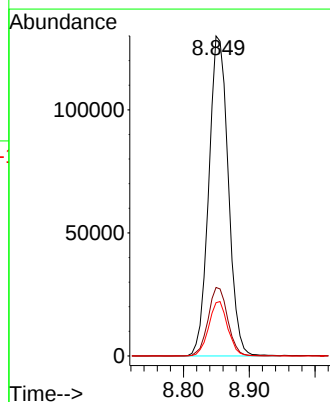
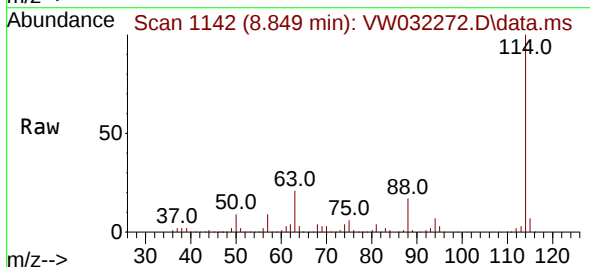
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MSD

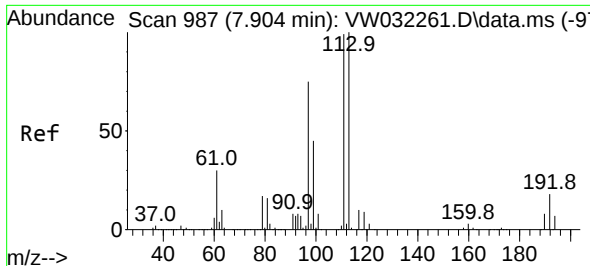
Tgt Ion: 65 Resp: 147964
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

Tgt Ion: 114 Resp: 267581
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.2
 88 16.6 0.0 32.0

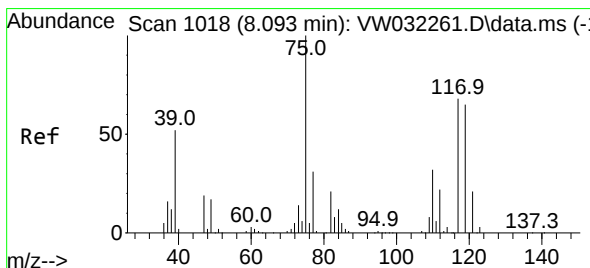
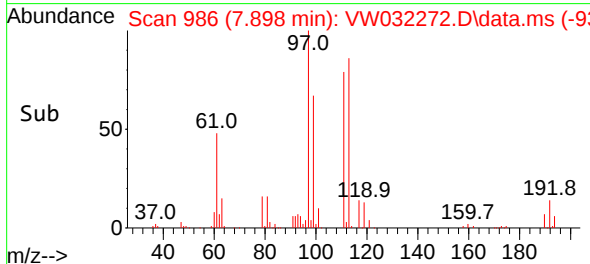
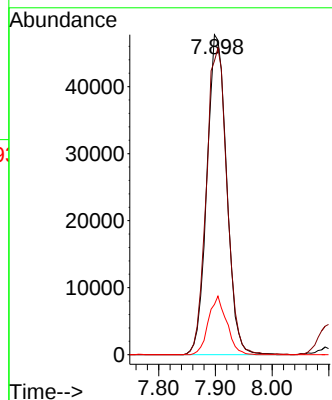
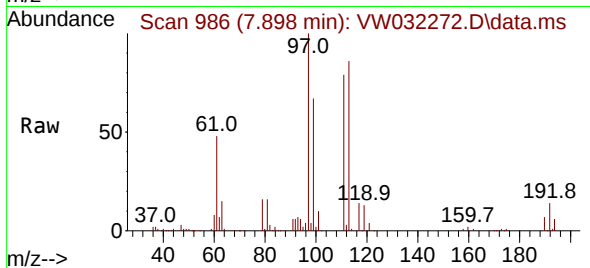




#35
 Dibromofluoromethane
 Concen: 60.020 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

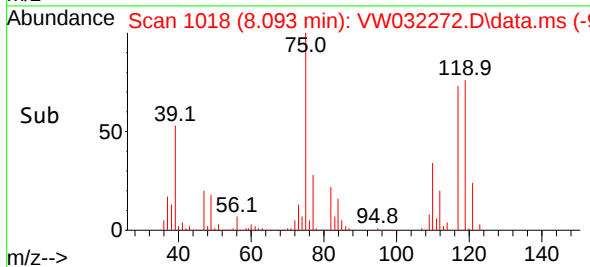
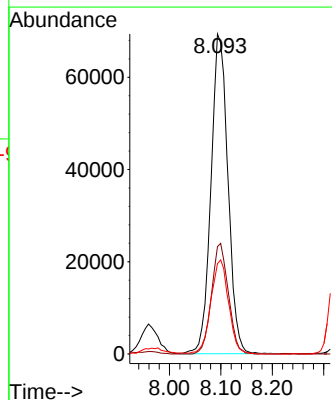
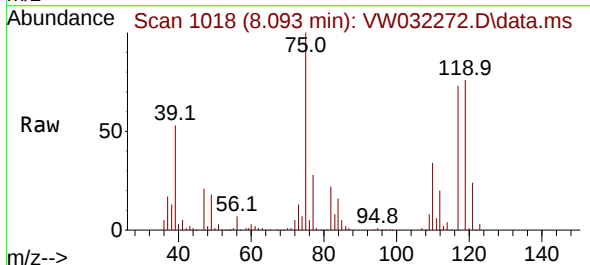
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MSD

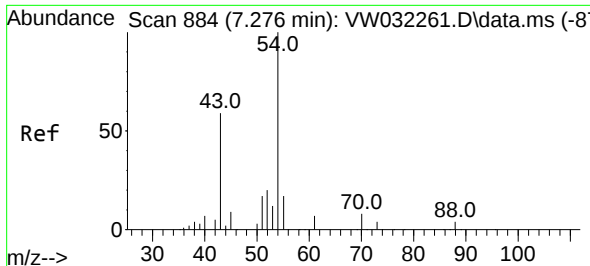
Tgt Ion:113 Resp: 115501
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.8 122.8
 192 17.0 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 61.301 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

Tgt Ion: 75 Resp: 159042
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.7 50.1
 77 30.8 25.2 37.8

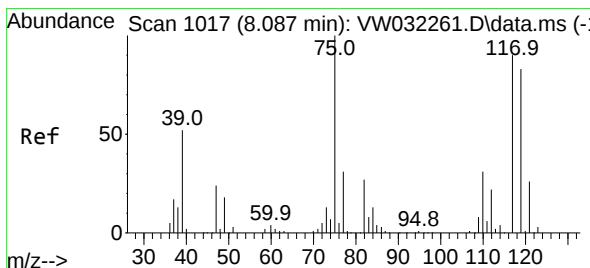
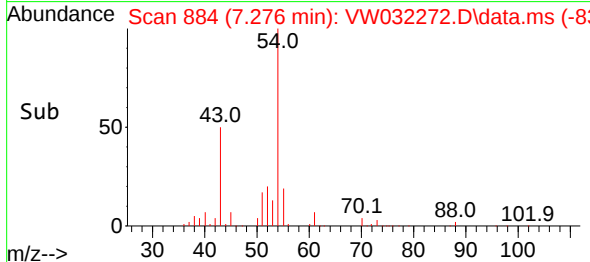
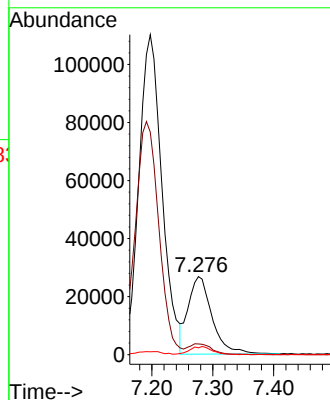
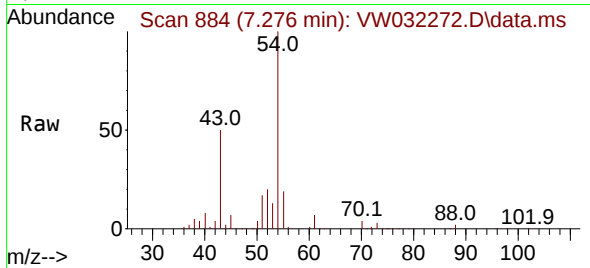




#37
Ethyl Acetate
Concen: 42.243 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

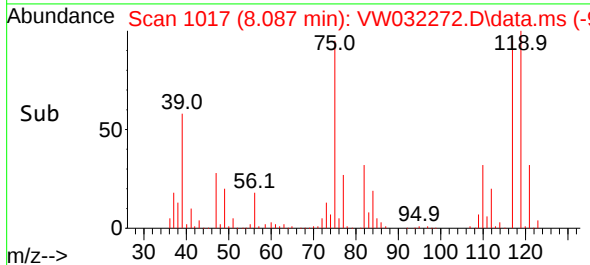
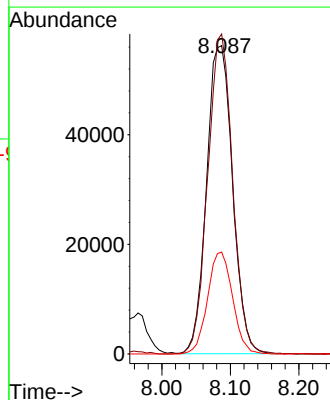
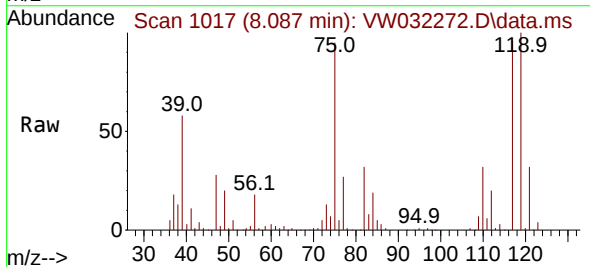
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

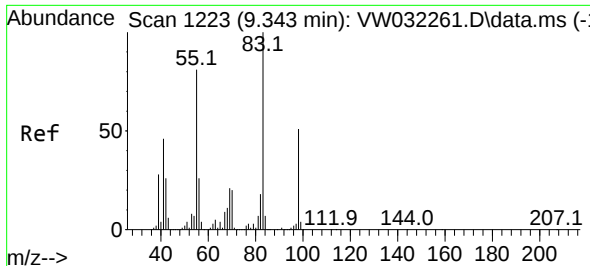
Tgt Ion: 43 Resp: 72687
Ion Ratio Lower Upper
43 100
61 12.7 10.5 15.7
70 9.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 60.908 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 117 Resp: 148671
Ion Ratio Lower Upper
117 100
119 103.7 73.9 110.9
121 33.1 23.0 34.6

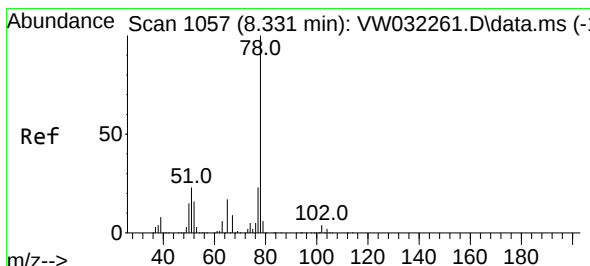
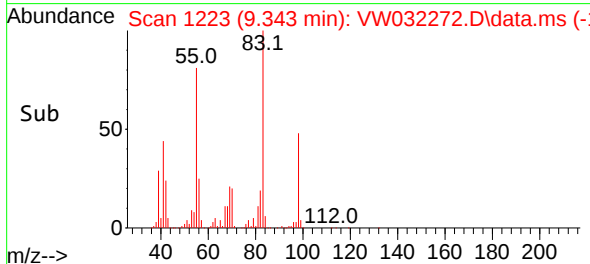
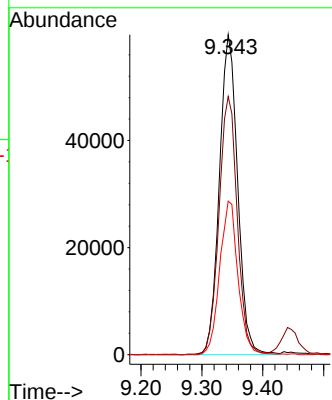
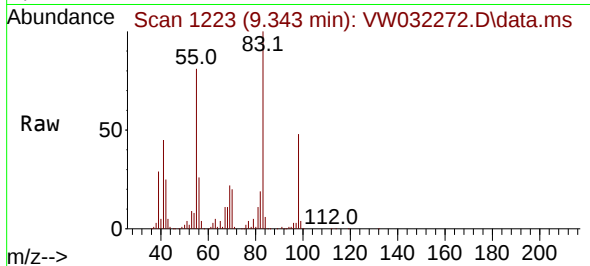




#39
Methylcyclohexane
Concen: 41.521 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

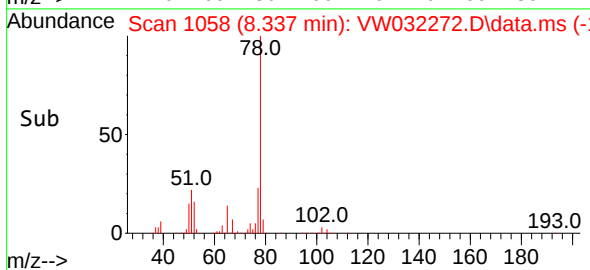
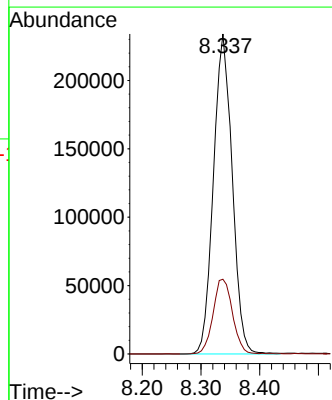
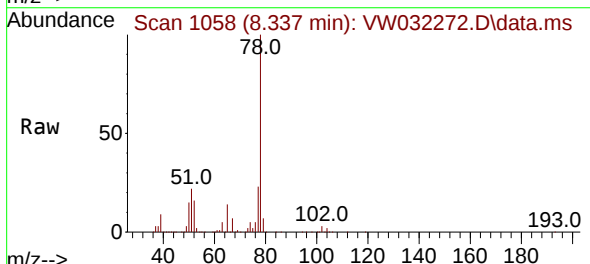
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

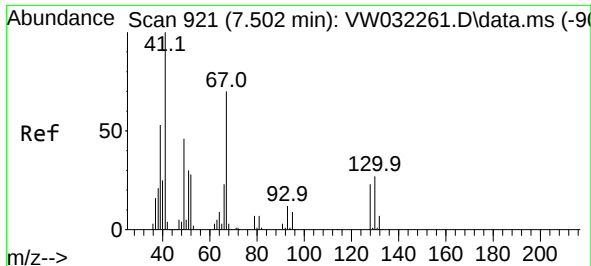
Tgt Ion: 83 Resp: 124647
Ion Ratio Lower Upper
83 100
55 80.6 65.0 97.6
98 48.0 40.8 61.2



#40
Benzene
Concen: 63.471 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 78 Resp: 518333
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

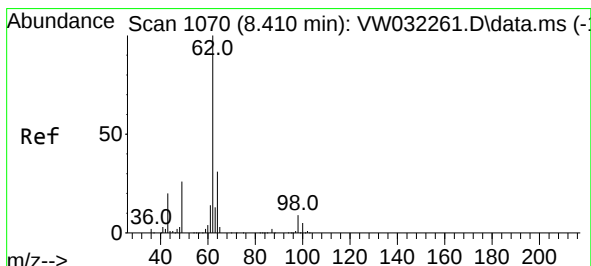
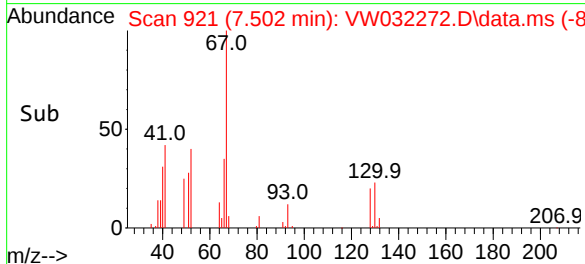
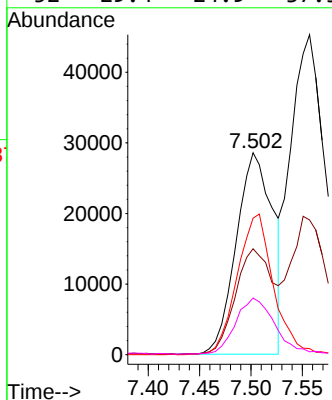
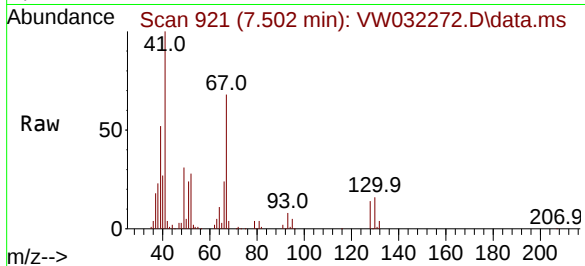




#41
Methacrylonitrile
Concen: 71.944 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

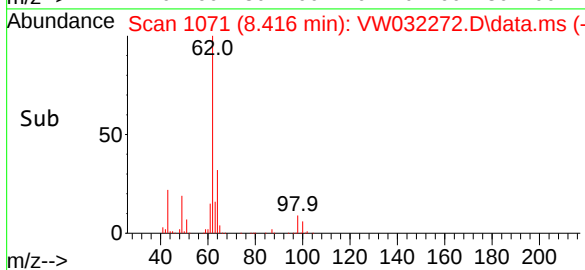
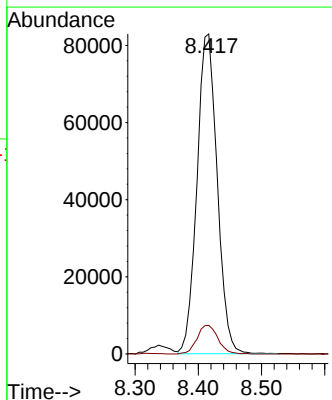
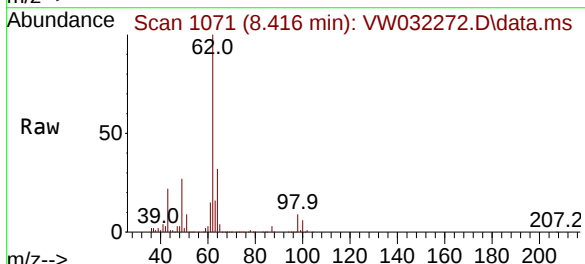
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

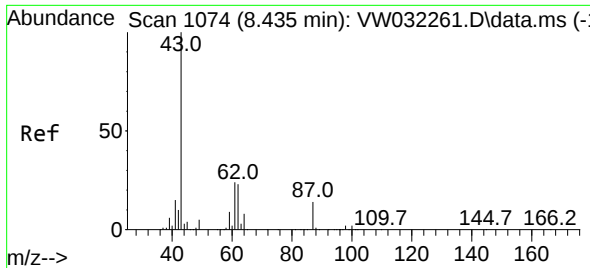
Tgt Ion:	41	Resp:	70899
Ion	Ratio	Lower	Upper
41	100		
39	53.8	46.9	70.3
67	69.6	59.0	88.4
52	29.4	24.9	37.3



#42
1,2-Dichloroethane
Concen: 68.078 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:	62	Resp:	184798
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

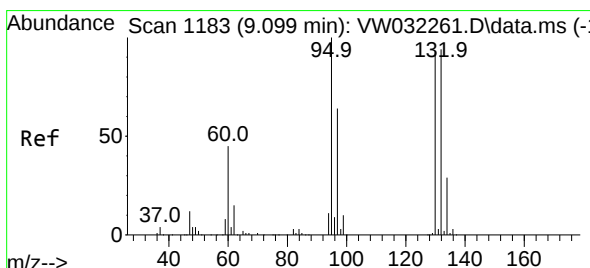
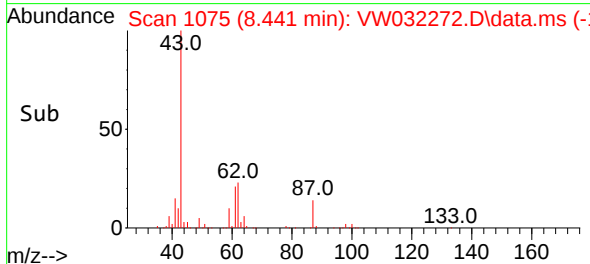
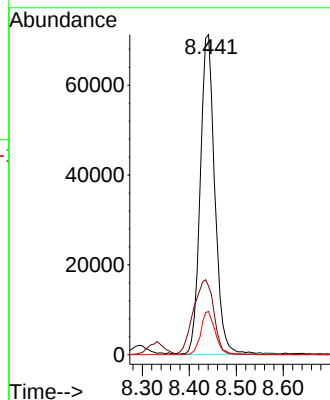
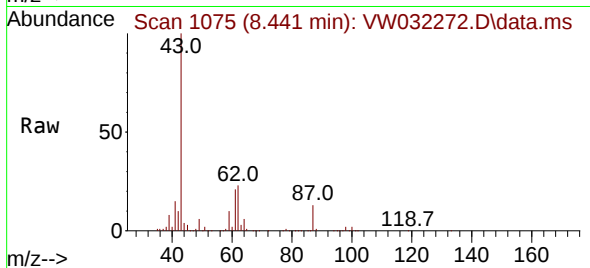




#43
Isopropyl Acetate
Concen: 49.842 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

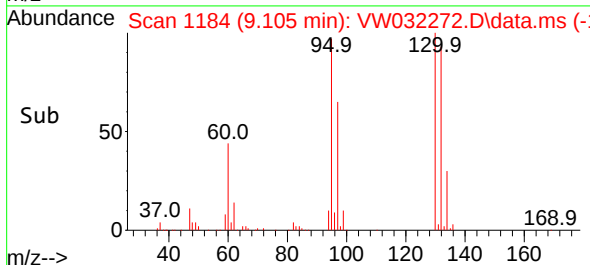
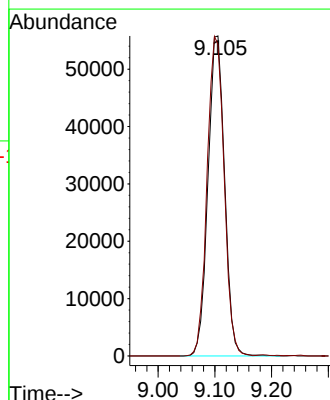
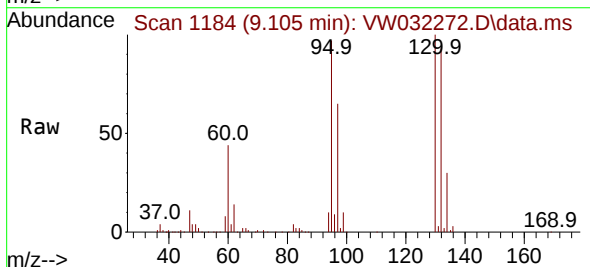
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

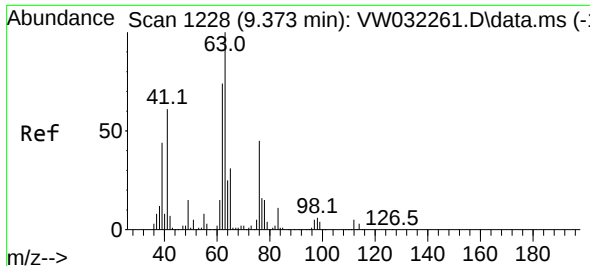
Tgt Ion: 43 Resp: 153520
Ion Ratio Lower Upper
43 100
61 32.6 24.2 36.2
87 13.3 10.6 16.0



#44
Trichloroethene
Concen: 59.374 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:130 Resp: 113335
Ion Ratio Lower Upper
130 100
95 97.3 0.0 215.2

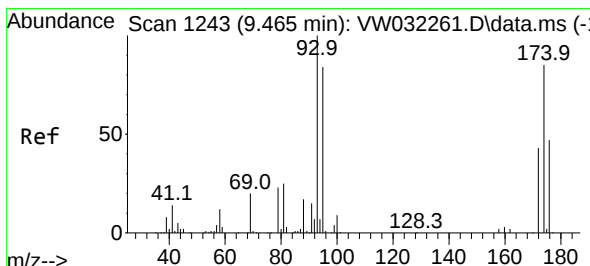
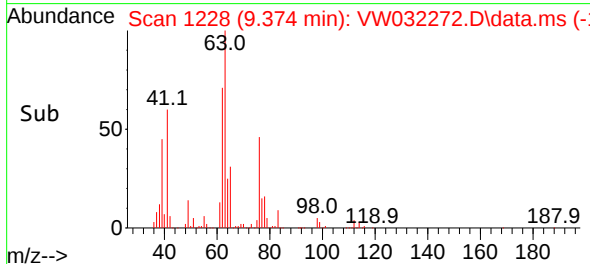
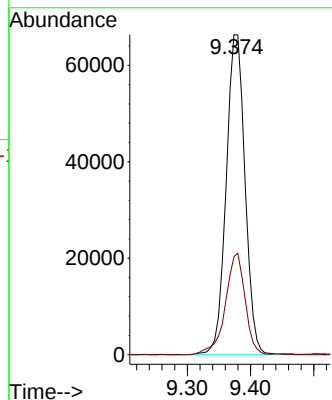
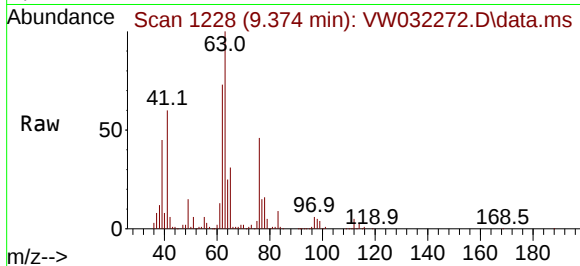




#45
1,2-Dichloropropane
Concen: 64.859 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

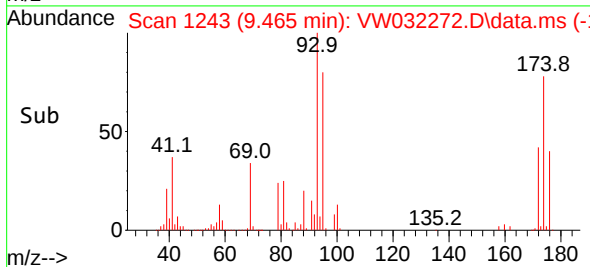
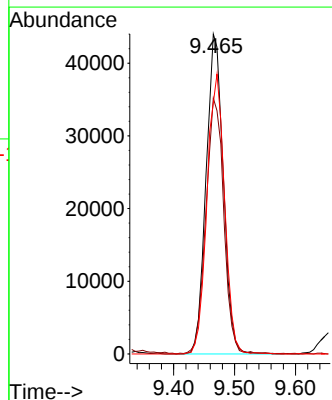
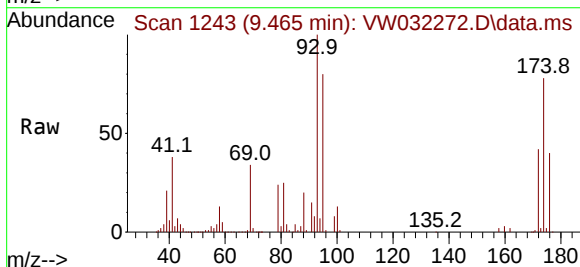
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

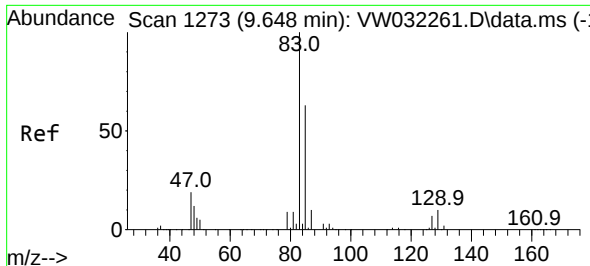
Tgt Ion: 63 Resp: 137183
Ion Ratio Lower Upper
63 100
65 30.7 24.9 37.3



#46
Dibromomethane
Concen: 66.425 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 93 Resp: 86380
Ion Ratio Lower Upper
93 100
95 82.9 66.6 99.8
174 89.3 69.0 103.6

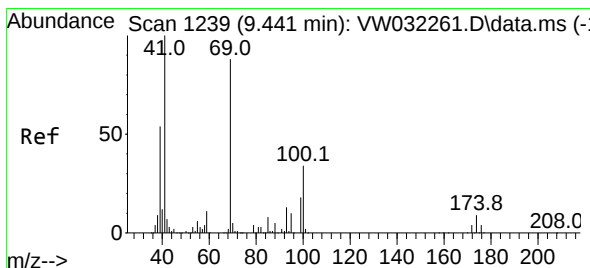
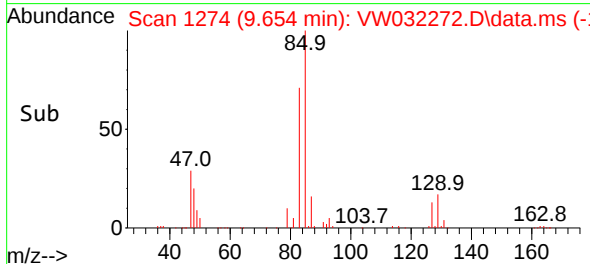
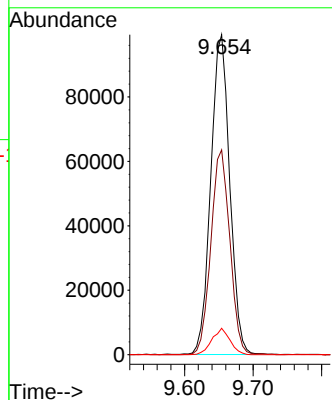
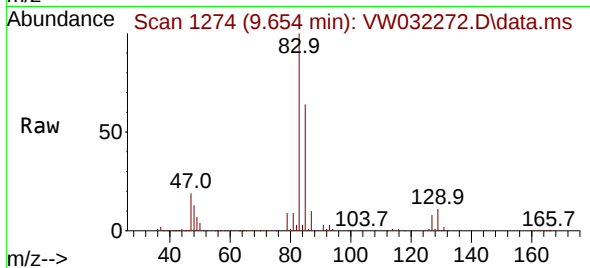




#47
Bromodichloromethane
Concen: 64.308 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

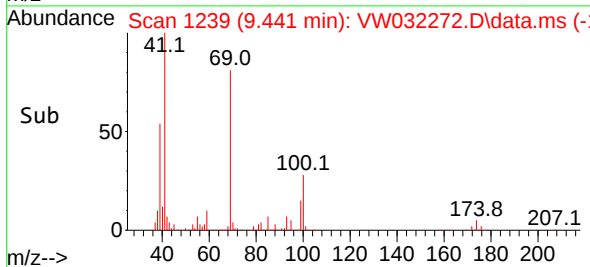
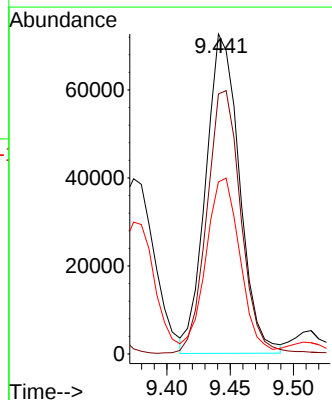
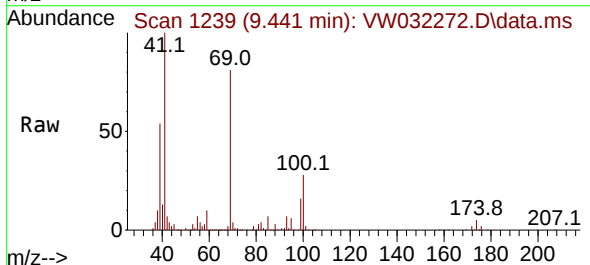
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

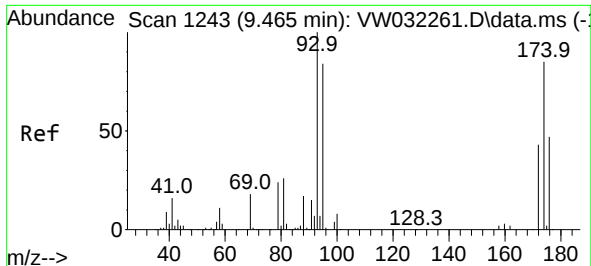
Tgt Ion: 83 Resp: 190738
Ion Ratio Lower Upper
83 100
85 64.0 50.3 75.5
127 8.3 5.6 8.4



#48
Methyl methacrylate
Concen: 92.911 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 41 Resp: 134634
Ion Ratio Lower Upper
41 100
69 82.7 71.4 107.0
39 55.7 46.9 70.3

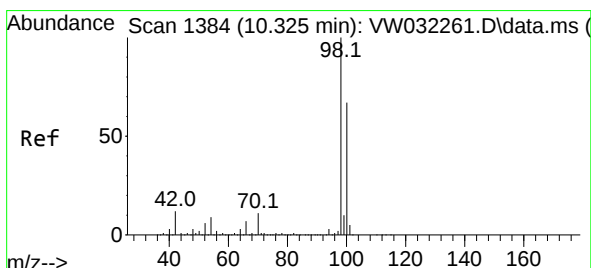
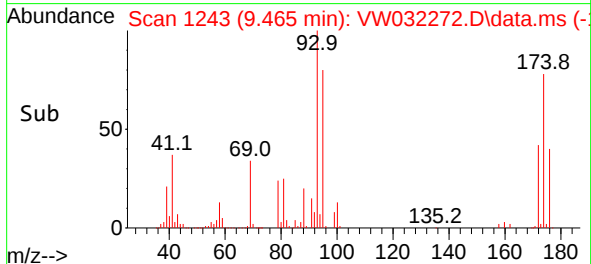
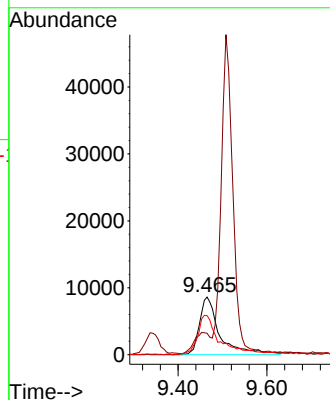
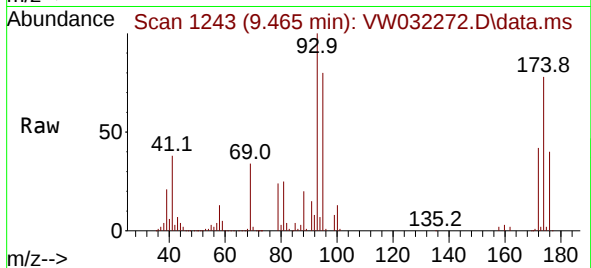




#49
1,4-Dioxane
Concen: 1563.353 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

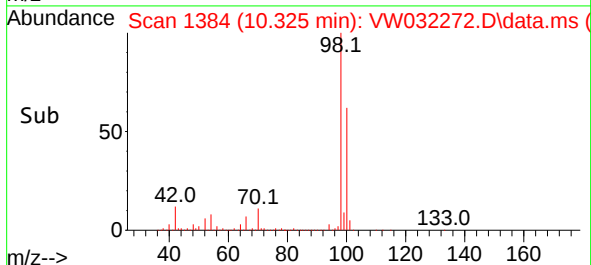
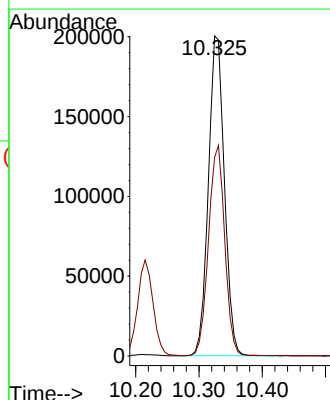
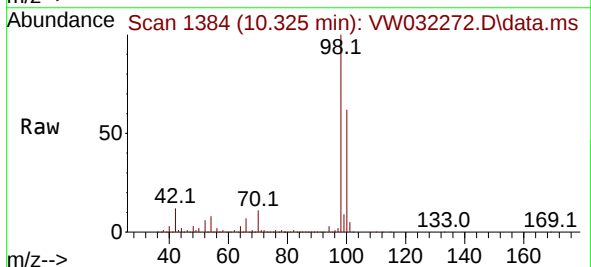
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

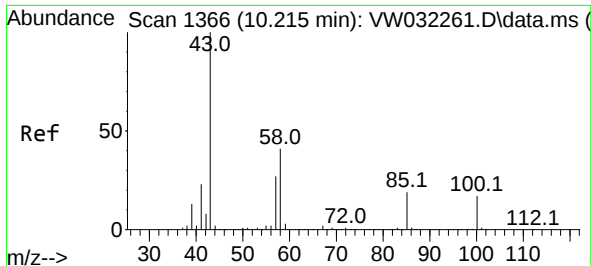
Tgt Ion: 88 Resp: 27228
Ion Ratio Lower Upper
88 100
43 30.3 0.0 0.0#
58 74.5 62.9 94.3



#50
Toluene-d8
Concen: 51.012 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 98 Resp: 353787
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

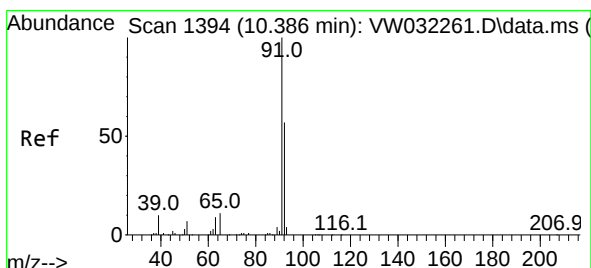
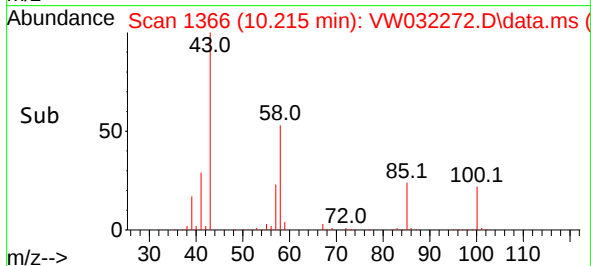
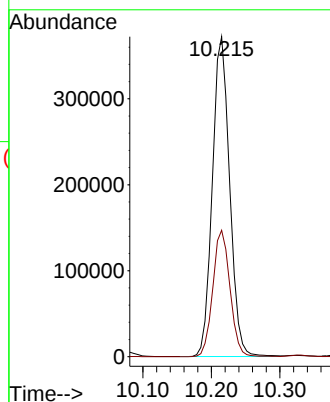
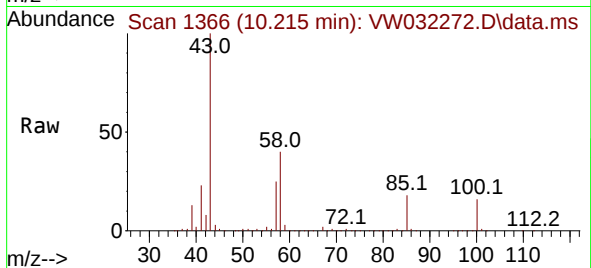




#51
4-Methyl-2-Pentanone
Concen: 356.757 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

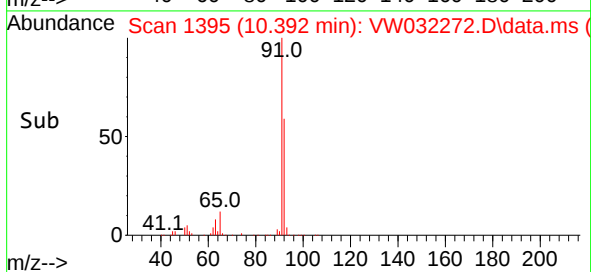
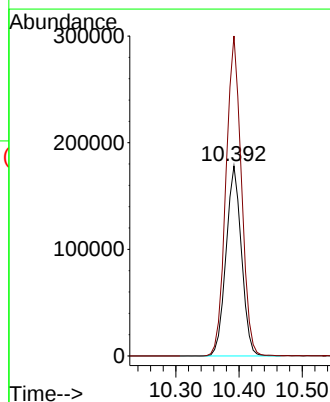
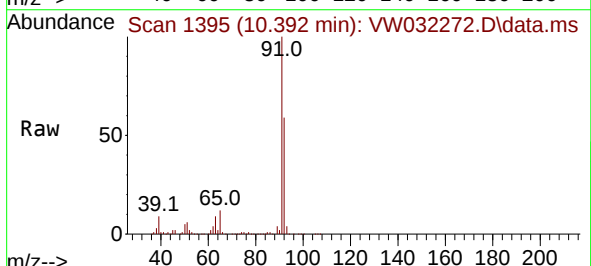
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

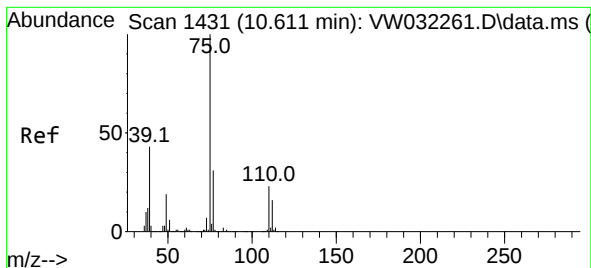
Tgt Ion: 43 Resp: 651518
Ion Ratio Lower Upper
43 100
58 39.3 32.3 48.5



#52
Toluene
Concen: 59.271 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 92 Resp: 300006
Ion Ratio Lower Upper
92 100
91 169.1 139.2 208.8

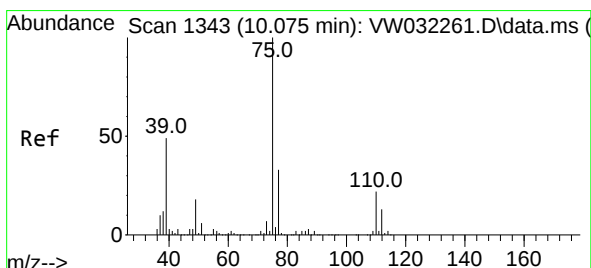
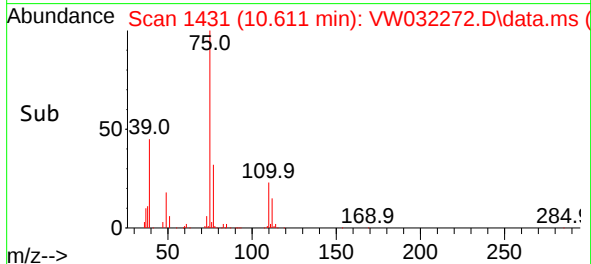
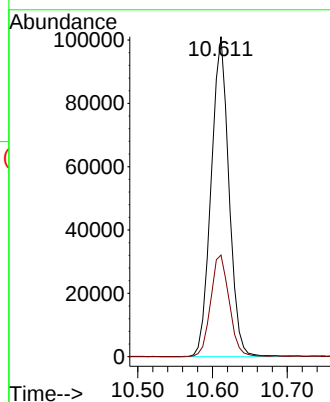
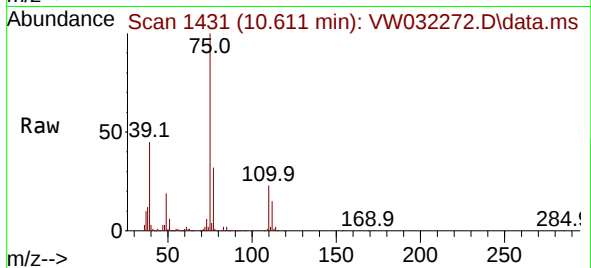




#53
t-1,3-Dichloropropene
Concen: 61.554 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

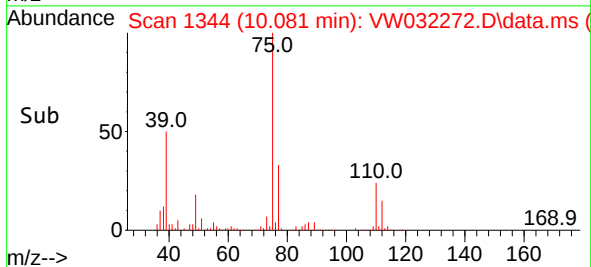
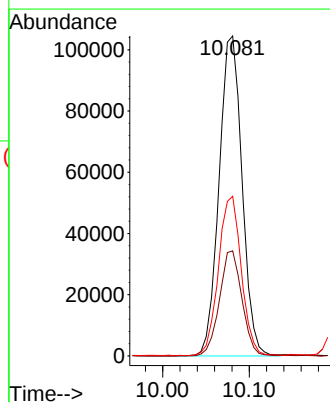
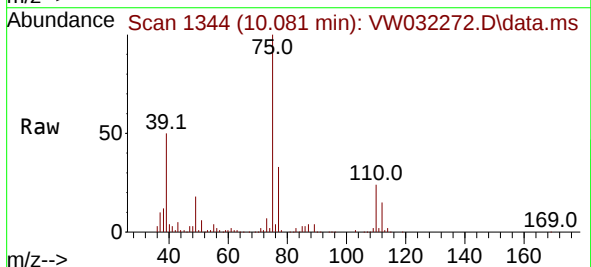
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

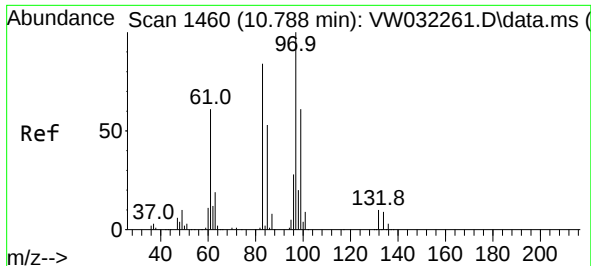
Tgt Ion: 75 Resp: 167271
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 61.398 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 75 Resp: 192622
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
39 49.7 39.0 58.6

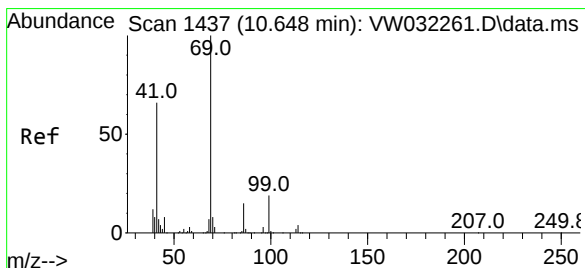
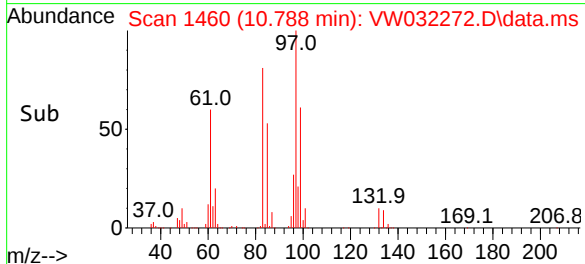
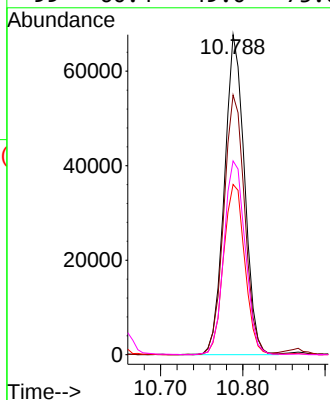
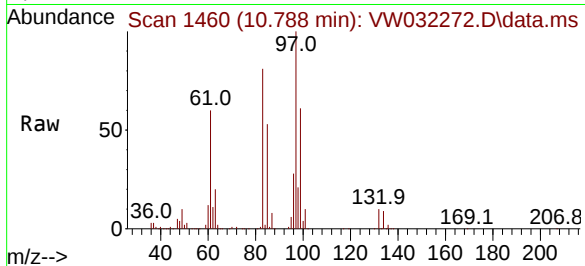




#55
1,1,2-Trichloroethane
Concen: 64.754 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

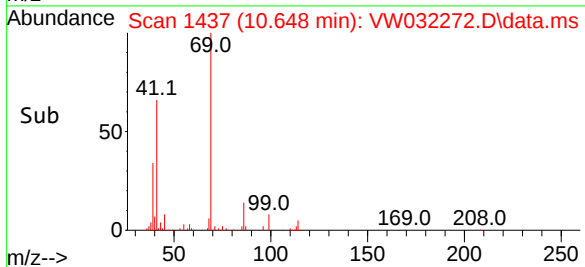
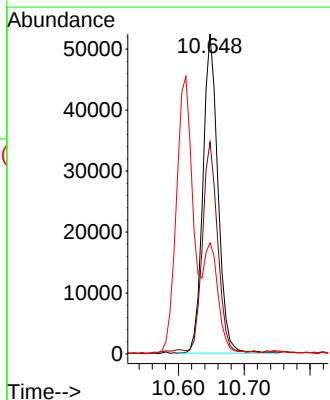
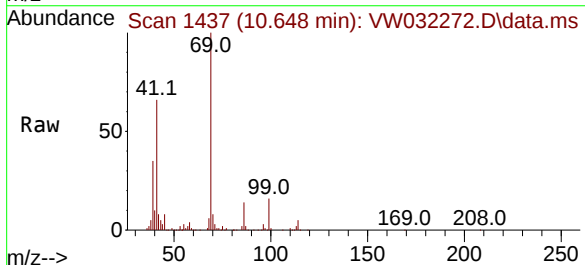
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

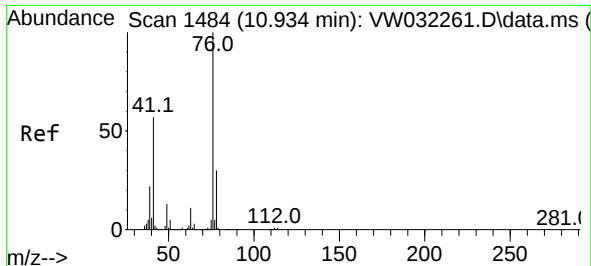
Tgt Ion:	97	Resp:	114941
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.4	101.2
85	53.2	42.0	63.0
99	60.4	49.0	73.6



#56
Ethyl methacrylate
Concen: 35.626 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:	69	Resp:	83299
Ion	Ratio	Lower	Upper
69	100		
41	66.4	54.7	82.1
39	29.7	26.3	39.5





#57

1,3-Dichloropropane

Concen: 65.671 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

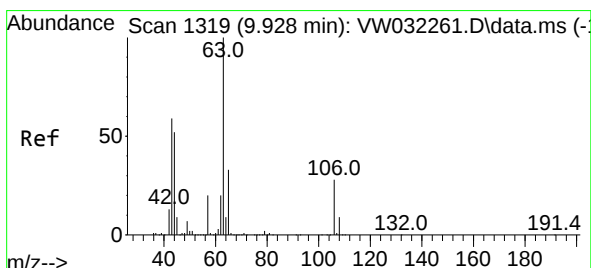
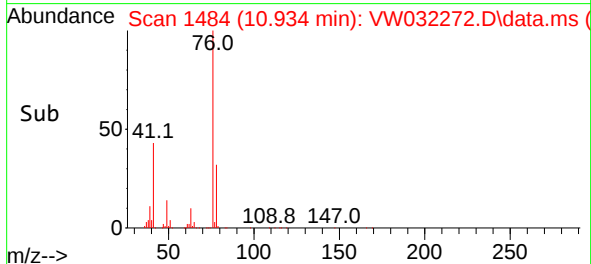
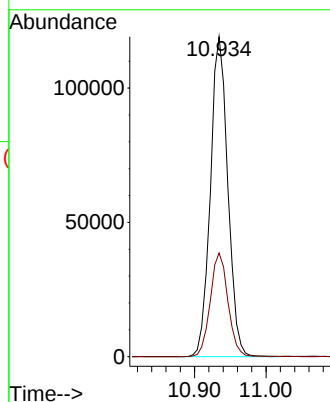
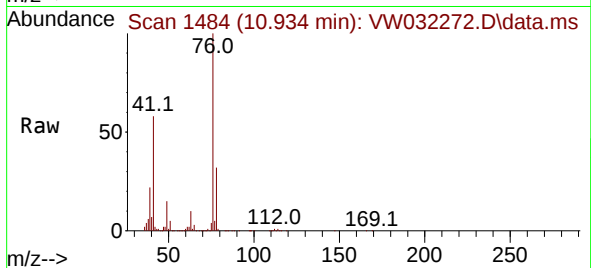
EME-TS14-01MSD

Tgt Ion: 76 Resp: 201378

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 374.170 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032272.D

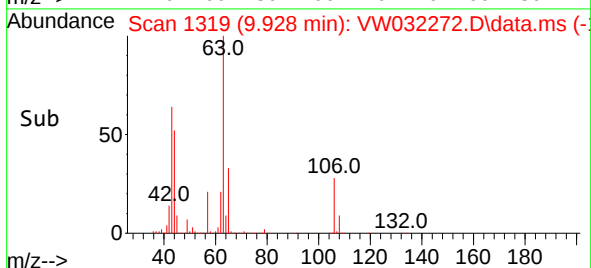
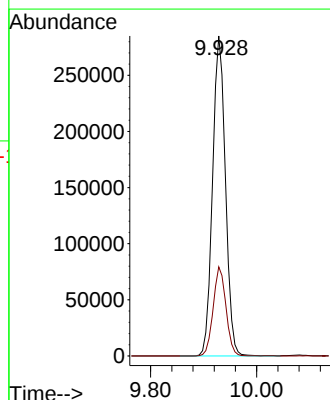
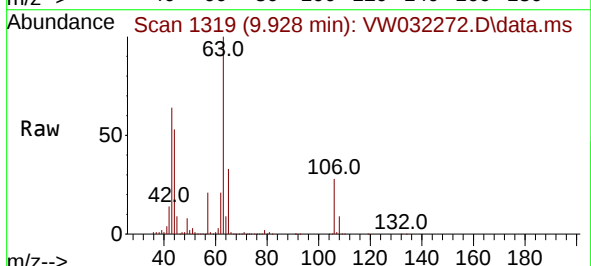
Acq: 26 Sep 2025 12:11

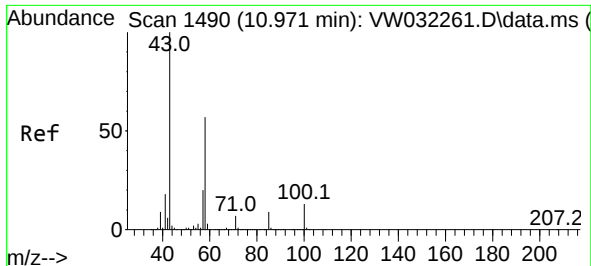
Tgt Ion: 63 Resp: 480249

Ion Ratio Lower Upper

63 100

106 27.7 22.5 33.7

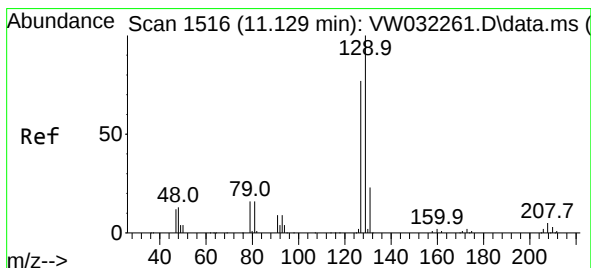
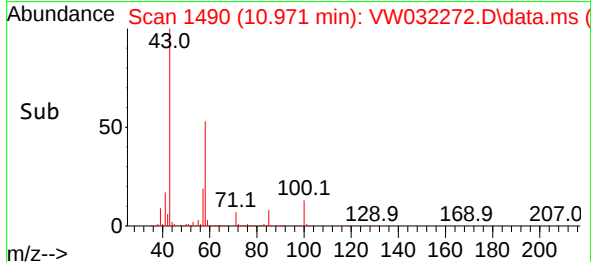
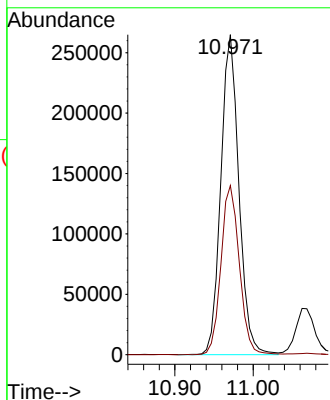
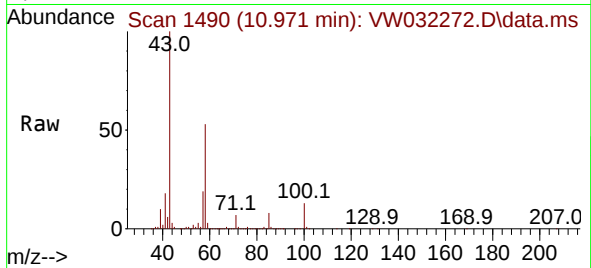




#59
2-Hexanone
Concen: 340.753 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

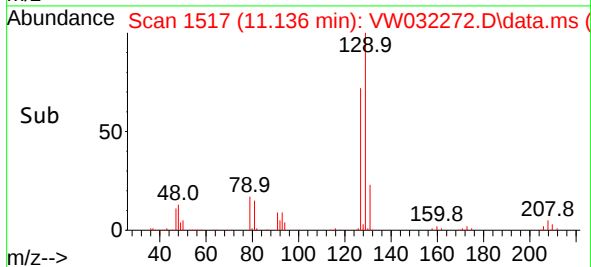
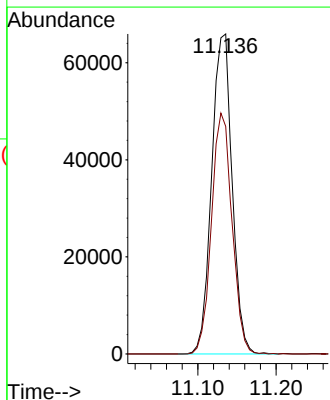
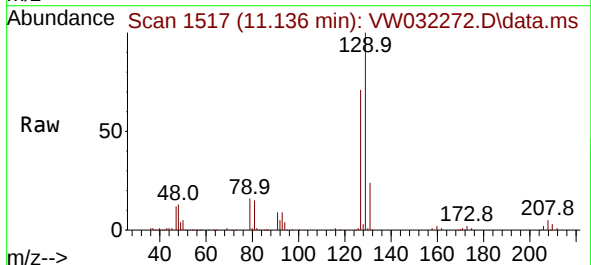
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

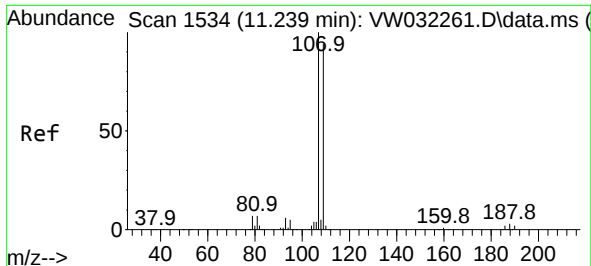
Tgt Ion: 43 Resp: 424958
Ion Ratio Lower Upper
43 100
58 53.8 27.9 83.6



#60
Dibromochloromethane
Concen: 61.410 ug/l
RT: 11.136 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 129 Resp: 119713
Ion Ratio Lower Upper
129 100
127 75.5 39.3 117.8

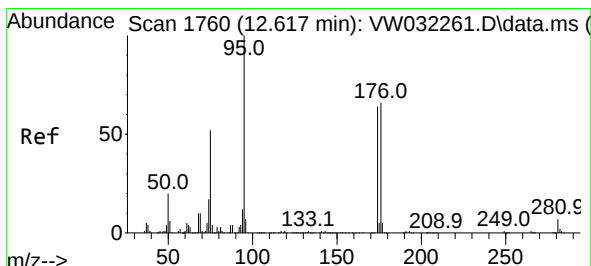
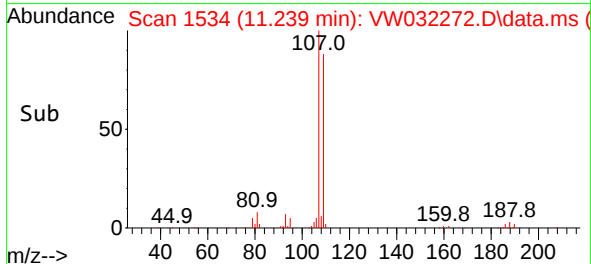
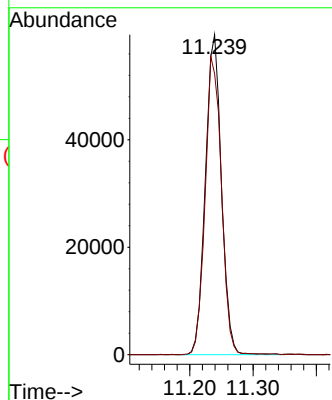
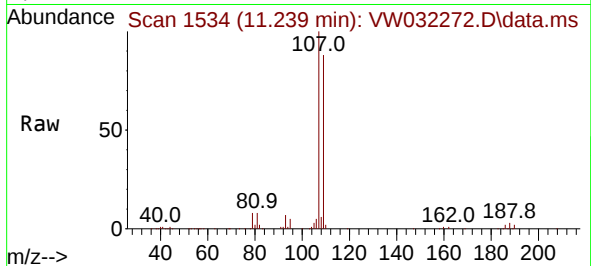




#61
1,2-Dibromoethane
Concen: 62.546 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

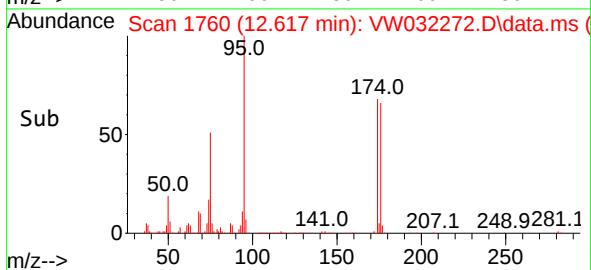
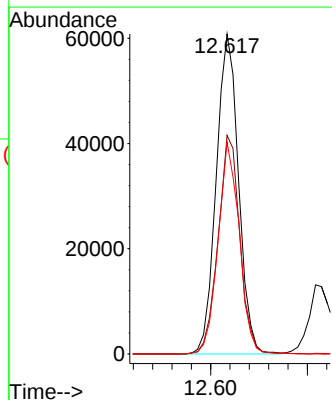
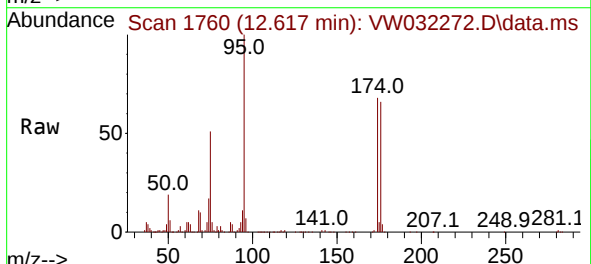
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

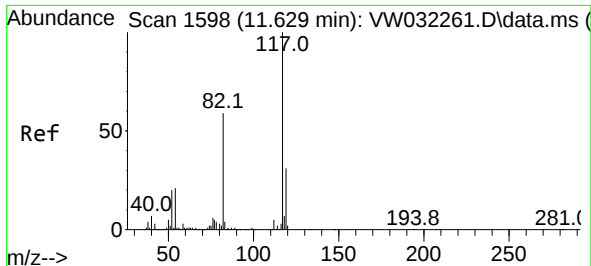
Tgt Ion:107 Resp: 105181
Ion Ratio Lower Upper
107 100
109 94.4 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 37.099 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 95 Resp: 97053
Ion Ratio Lower Upper
95 100
174 66.8 0.0 130.6
176 63.0 0.0 127.0

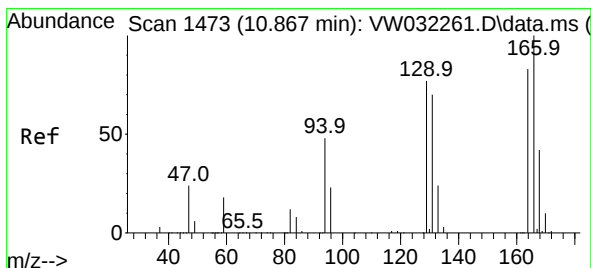
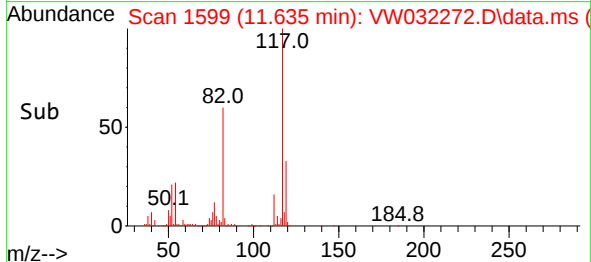
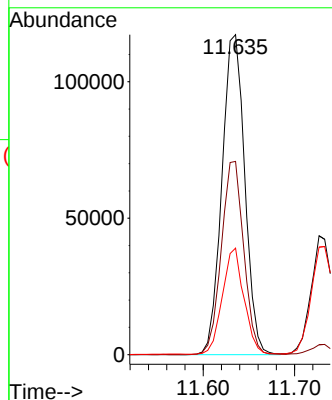
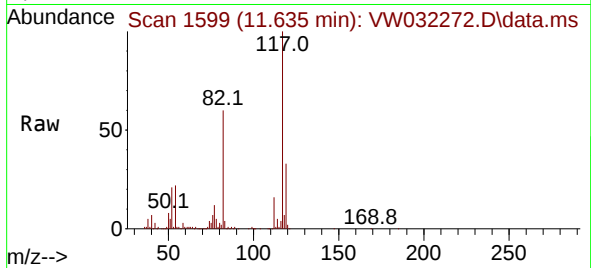




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

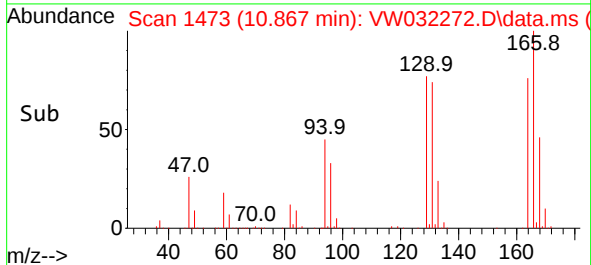
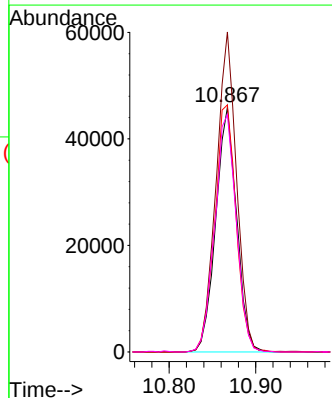
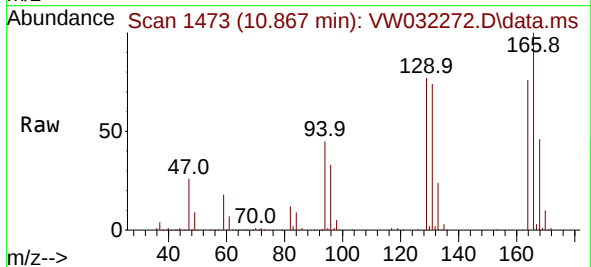
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

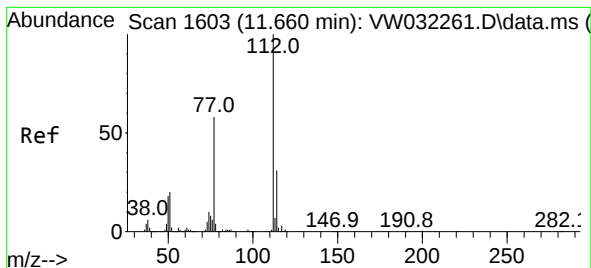
Tgt Ion:117 Resp: 203835
Ion Ratio Lower Upper
117 100
82 60.4 46.9 70.3
119 33.1 24.9 37.3



#64
Tetrachloroethene
Concen: 61.695 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:164 Resp: 76637
Ion Ratio Lower Upper
164 100
166 130.8 96.9 145.3
129 101.0 75.0 112.4
131 97.0 67.4 101.0





#65

Chlorobenzene

Concen: 58.670 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

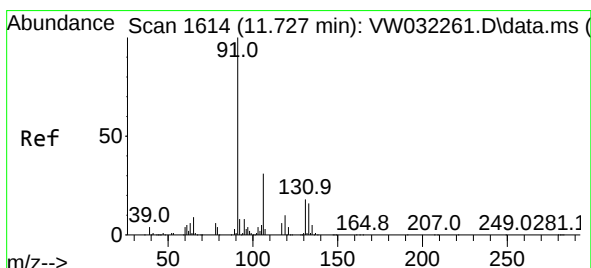
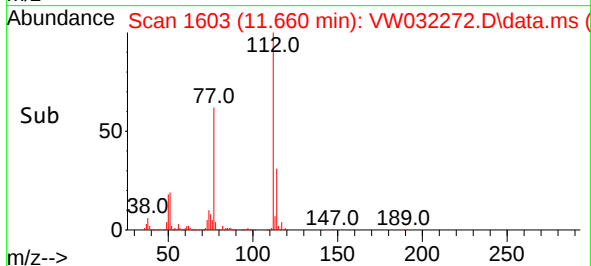
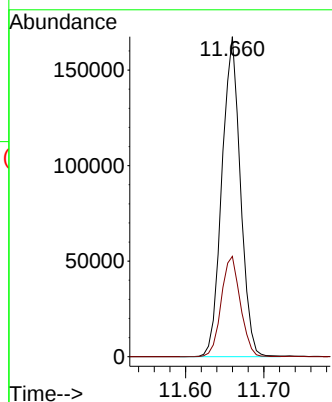
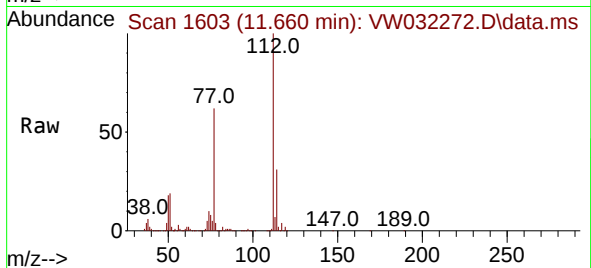
EME-TS14-01MSD

Tgt Ion:112 Resp: 275468

Ion Ratio Lower Upper

112 100

114 31.3 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 69.355 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

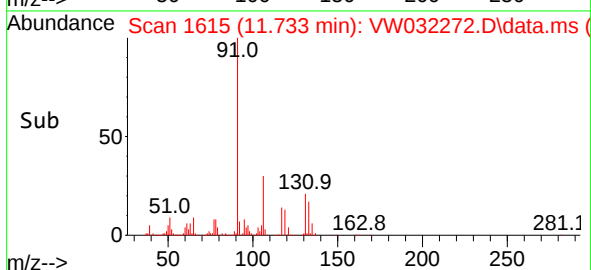
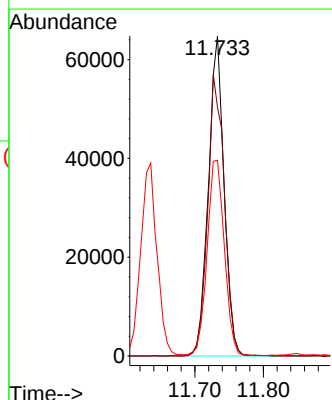
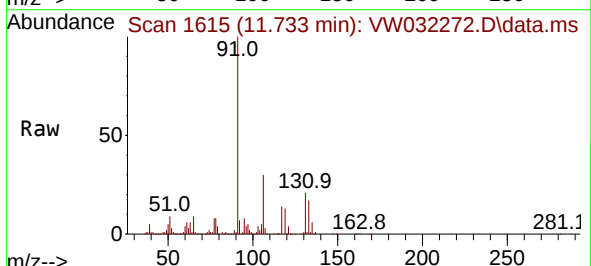
Tgt Ion:131 Resp: 102985

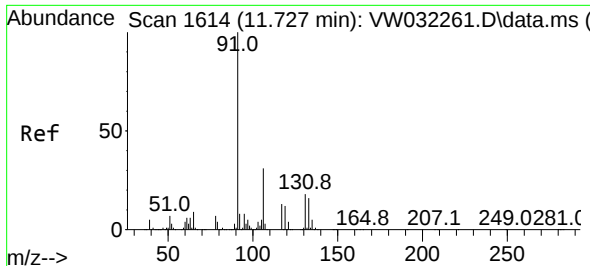
Ion Ratio Lower Upper

131 100

133 93.4 47.1 141.3

119 67.0 33.9 101.7

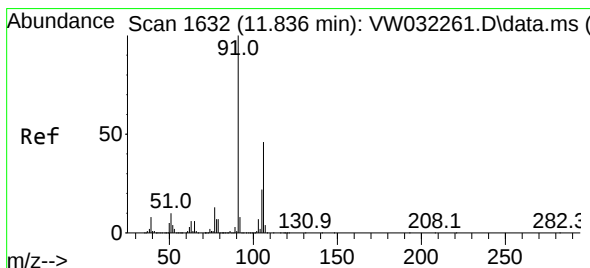
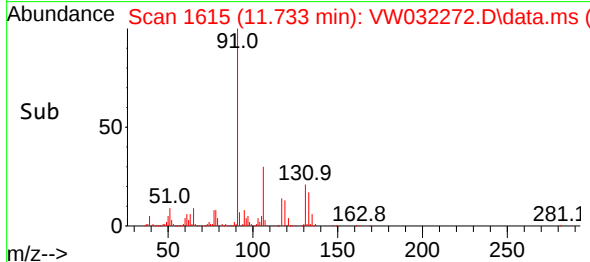
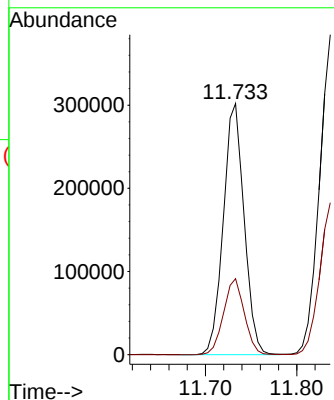
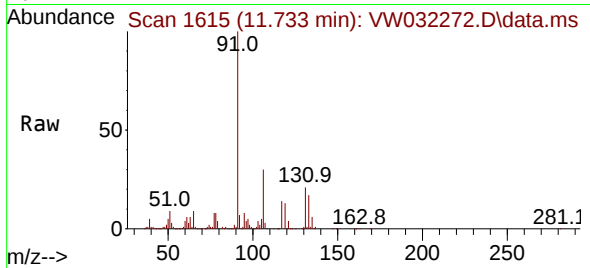




#67
Ethyl Benzene
Concen: 62.156 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

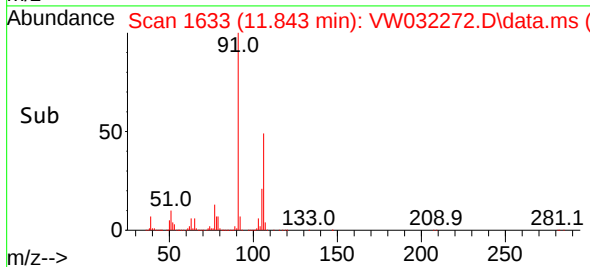
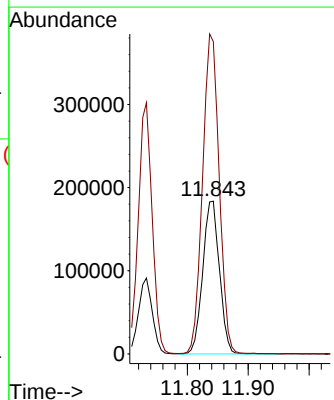
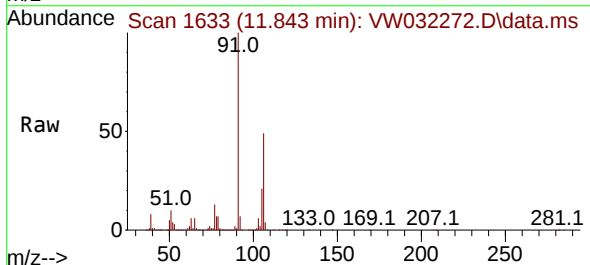
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

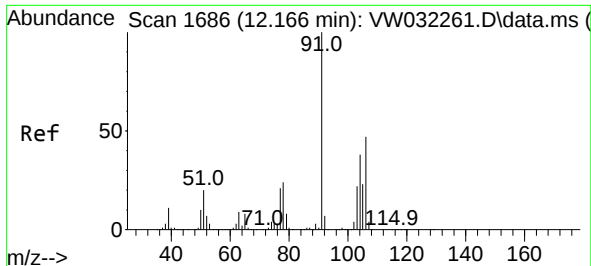
Tgt Ion: 91 Resp: 477683
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 118.525 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:106 Resp: 349176
Ion Ratio Lower Upper
106 100
91 209.2 169.0 253.4

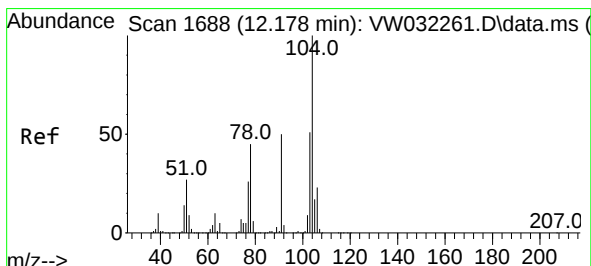
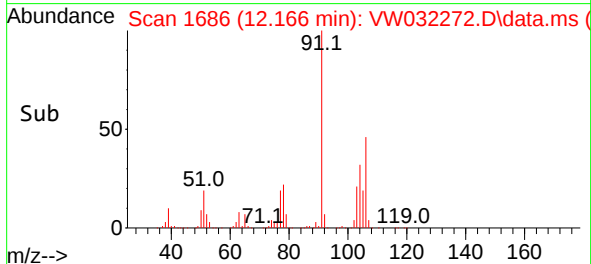
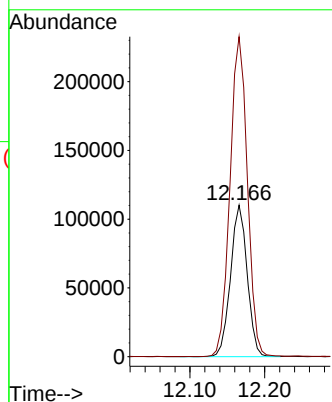
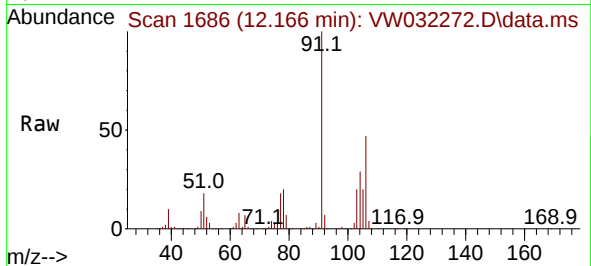




#69
o-Xylene
Concen: 61.778 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

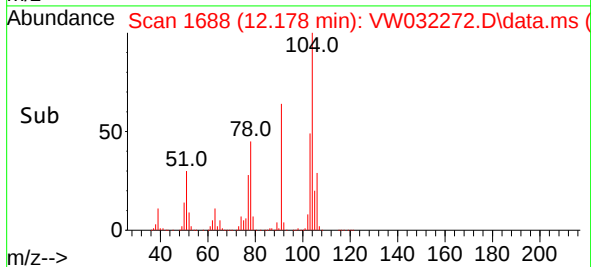
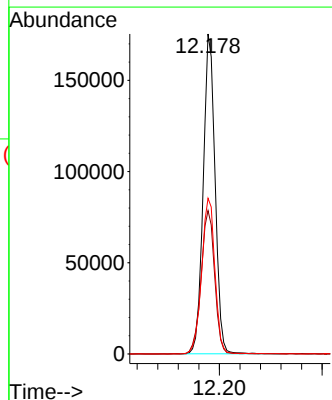
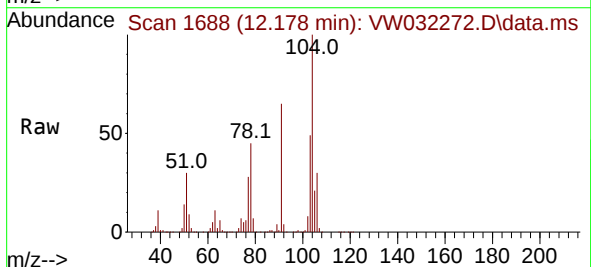
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

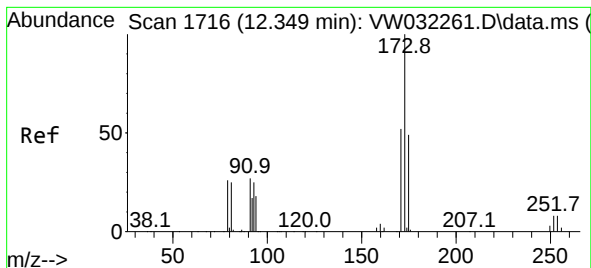
Tgt Ion:106 Resp: 171044
Ion Ratio Lower Upper
106 100
91 219.8 107.8 323.6



#70
Styrene
Concen: 57.930 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:104 Resp: 281268
Ion Ratio Lower Upper
104 100
78 50.7 40.8 61.2
103 54.2 43.4 65.2





#71

Bromoform

Concen: 64.442 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MSD

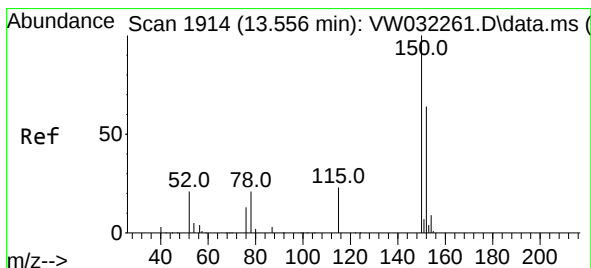
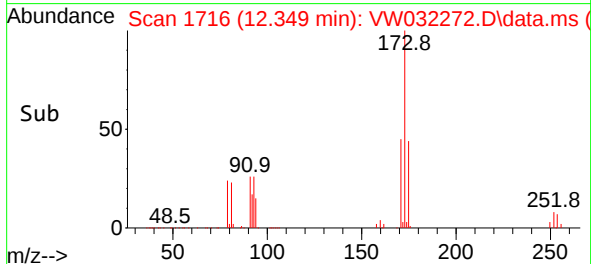
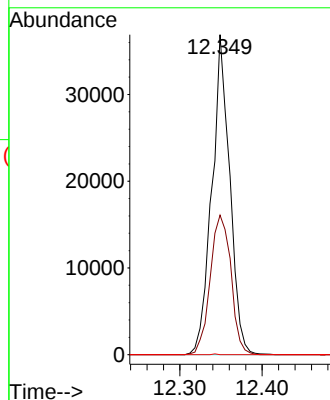
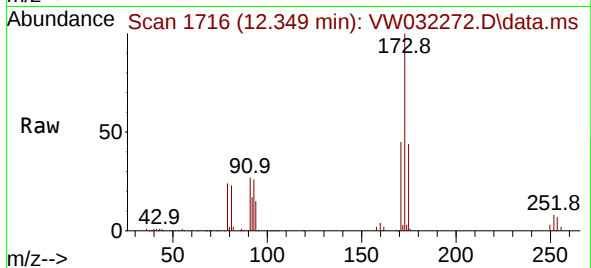
Tgt Ion:173 Resp: 55763

Ion Ratio Lower Upper

173 100

175 50.4 23.1 69.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

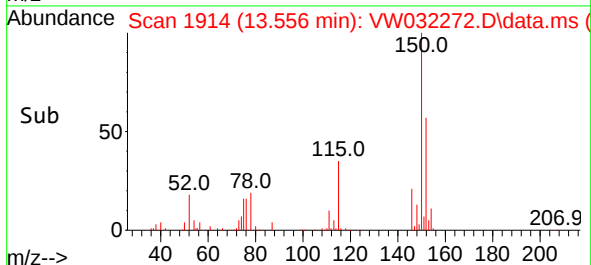
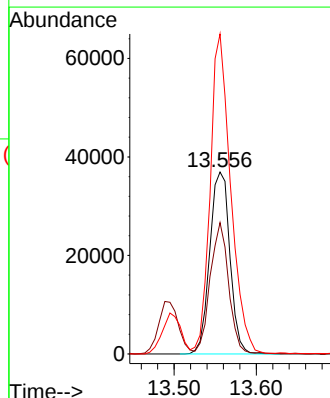
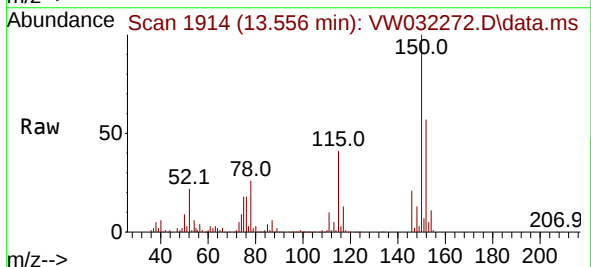
Tgt Ion:152 Resp: 62768

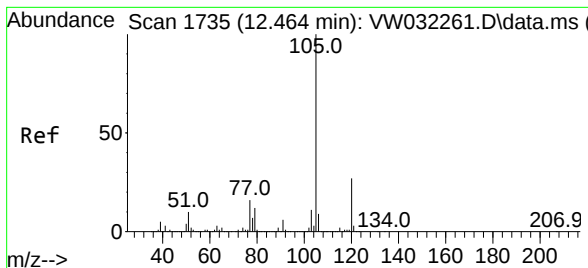
Ion Ratio Lower Upper

152 100

115 65.9 32.5 97.5

150 178.7 0.0 370.2





#73

Isopropylbenzene

Concen: 83.044 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

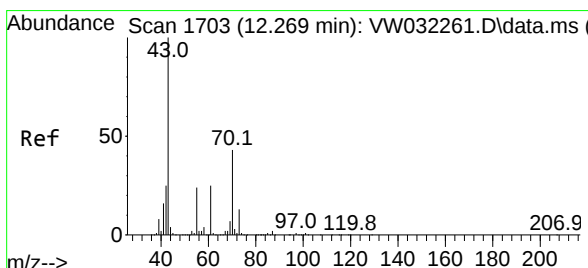
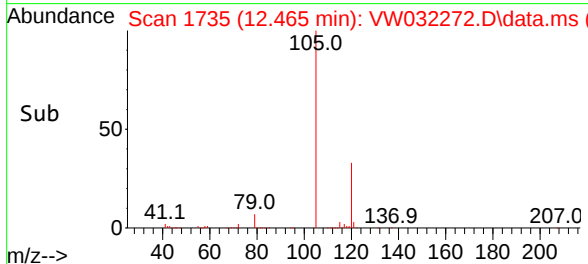
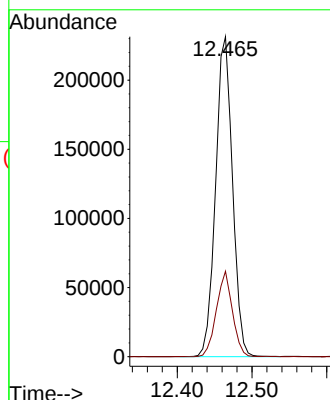
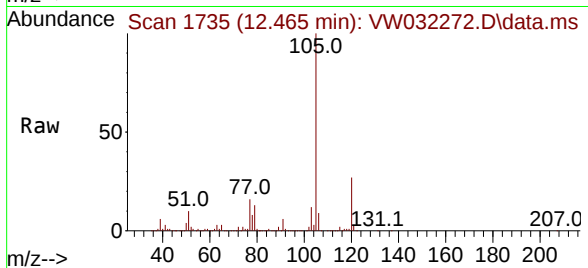
EME-TS14-01MSD

Tgt Ion:105 Resp: 362799

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.3



#74

N-ethyl acetate

Concen: 34.126 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 46950

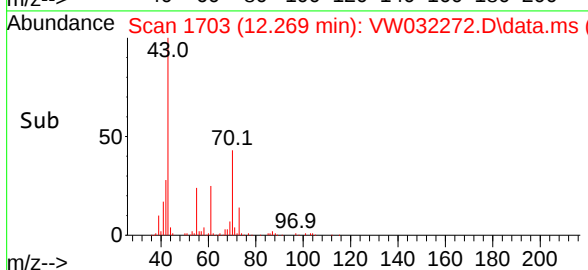
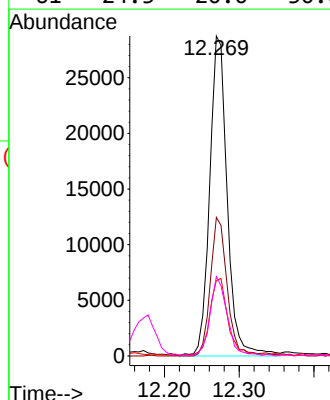
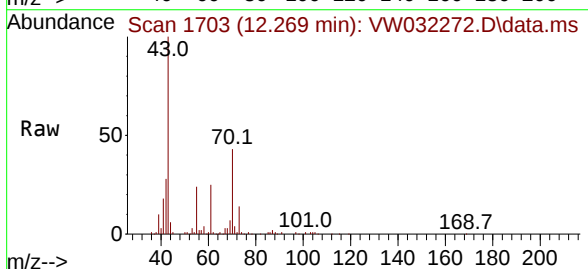
Ion Ratio Lower Upper

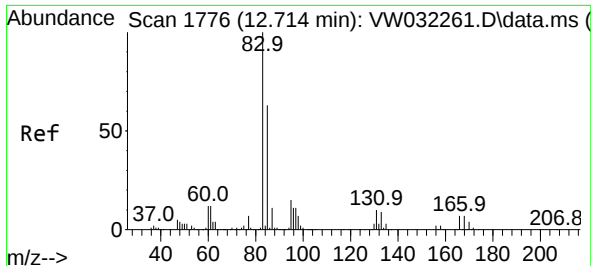
43 100

70 41.6 35.0 52.4

55 24.5 20.6 31.0

61 24.3 20.0 30.0

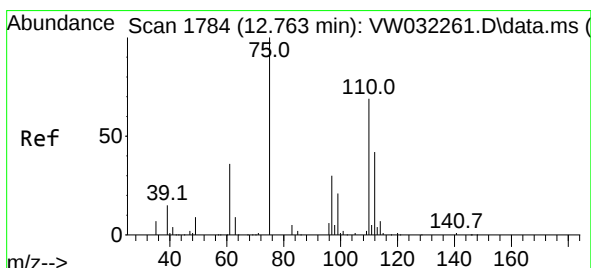
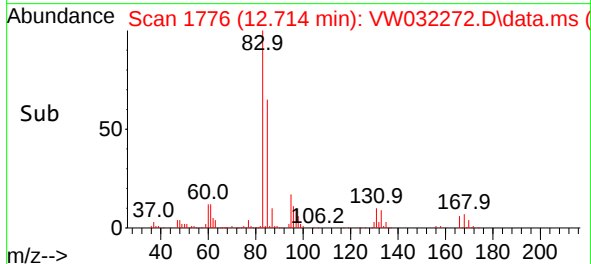
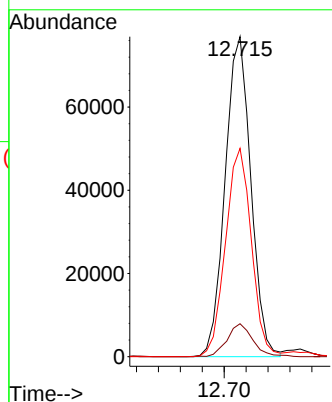
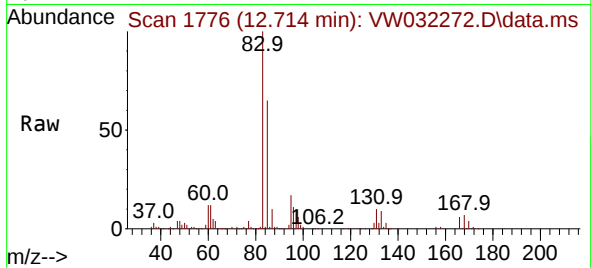




#75
1,1,2-Tetrachloroethane
Concen: 109.553 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

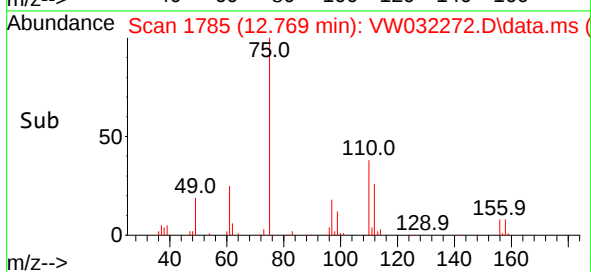
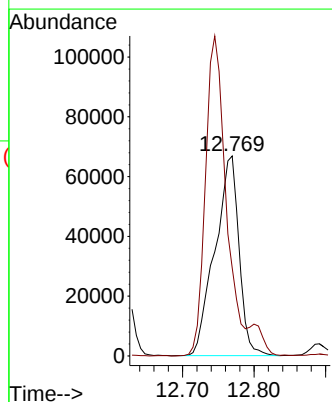
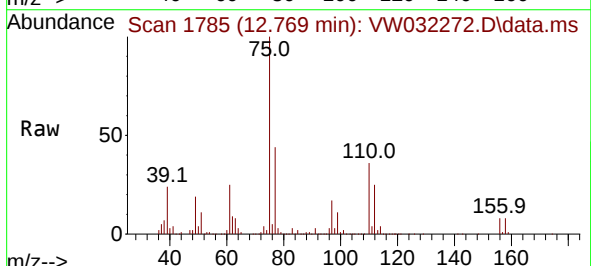
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

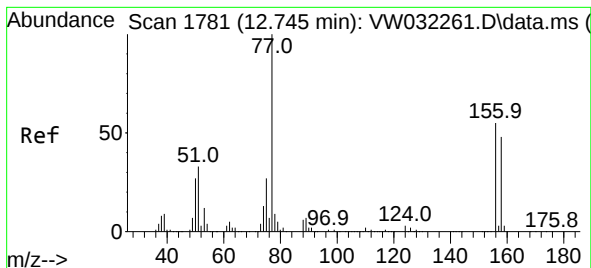
Tgt Ion: 83 Resp: 125487
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 65.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 181.365 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 75 Resp: 156616
Ion Ratio Lower Upper
75 100
77 0.0 140.9 422.7#





#77

Bromobenzene

Concen: 85.587 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MSD

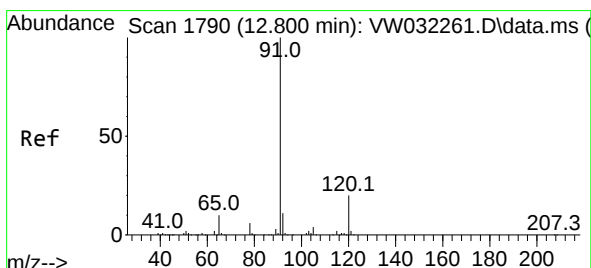
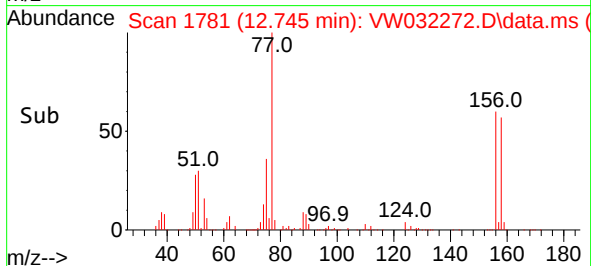
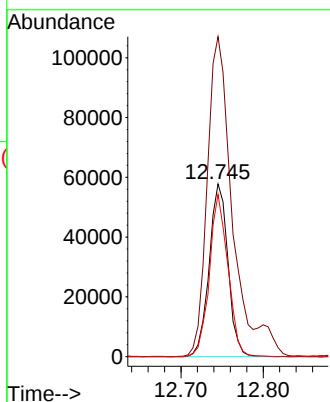
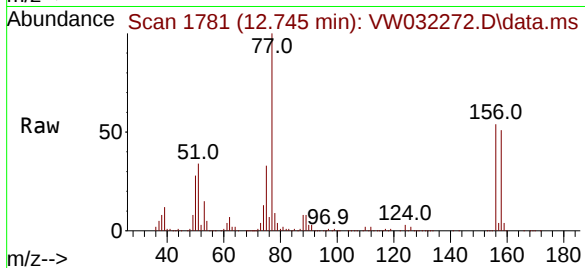
Tgt Ion:156 Resp: 91967

Ion Ratio Lower Upper

156 100

77 233.1 103.3 309.8

158 92.5 45.4 136.2



#78

n-propylbenzene

Concen: 73.514 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032272.D

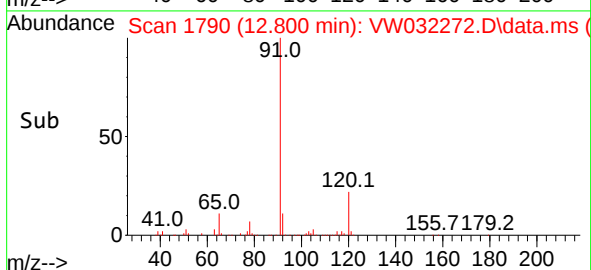
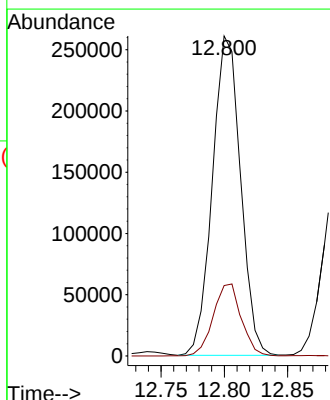
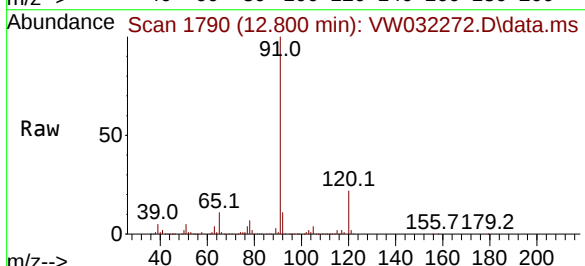
Acq: 26 Sep 2025 12:11

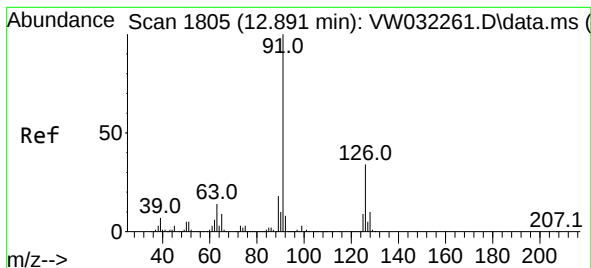
Tgt Ion: 91 Resp: 403415

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.9

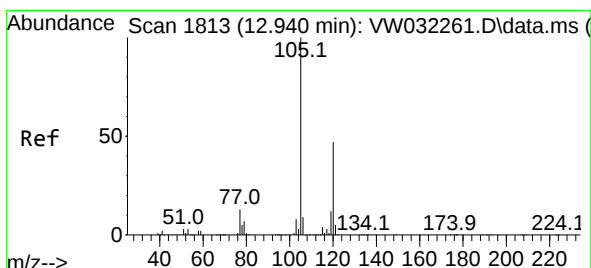
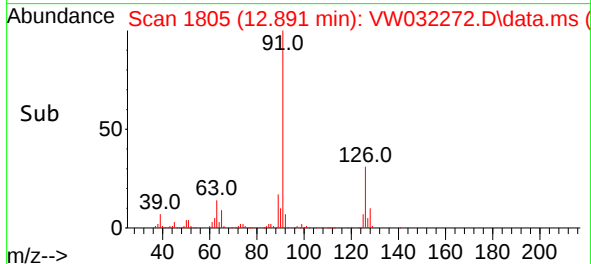
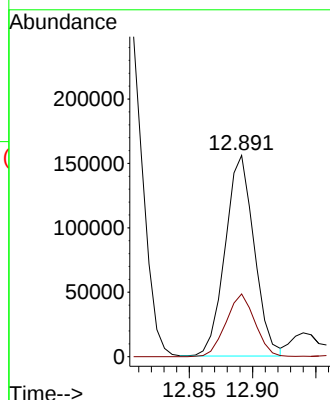
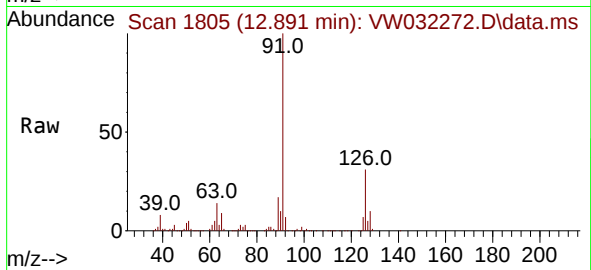




#79
2-Chlorotoluene
Concen: 74.852 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

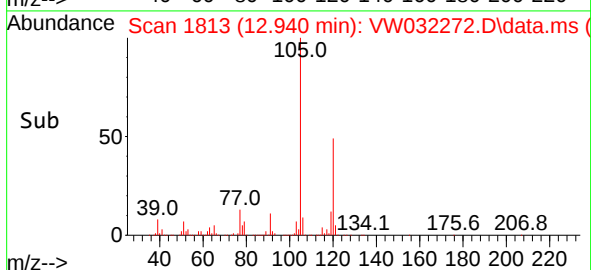
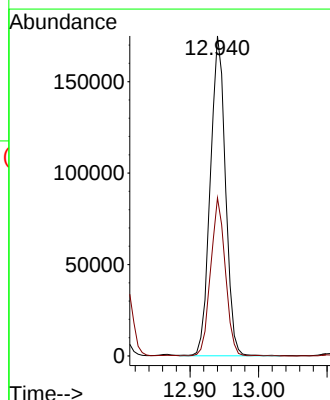
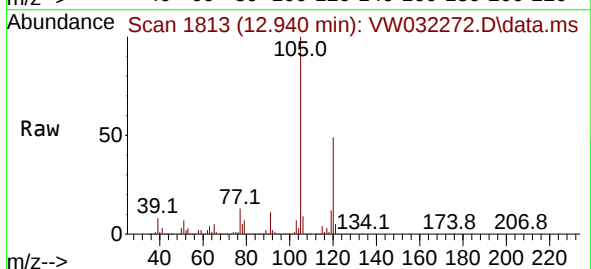
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

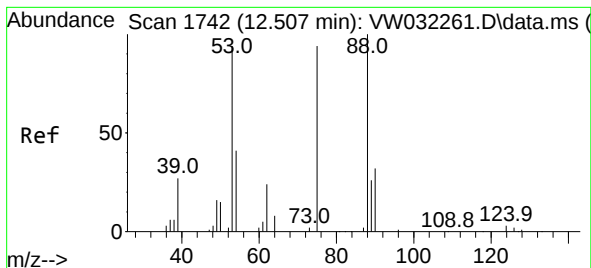
Tgt Ion: 91 Resp: 248824
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 71.978 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:105 Resp: 268846
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 110.844 ug/l

RT: 12.513 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MSD

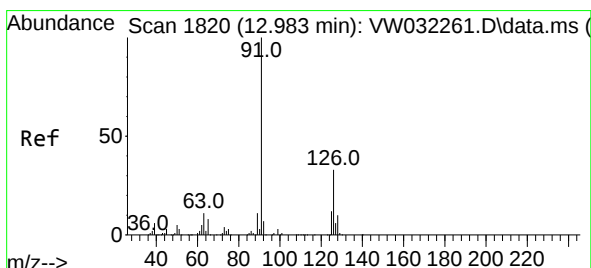
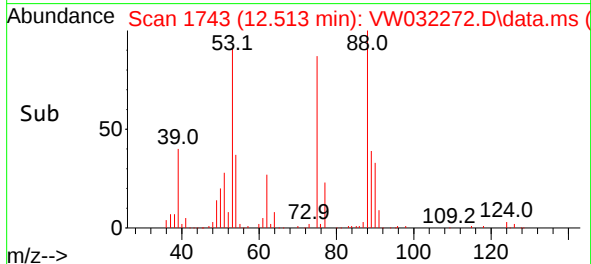
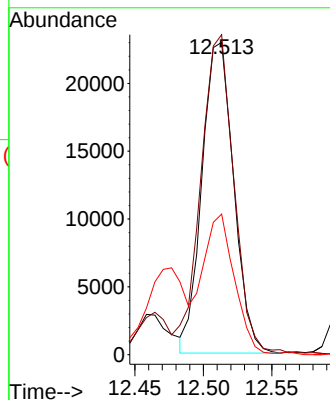
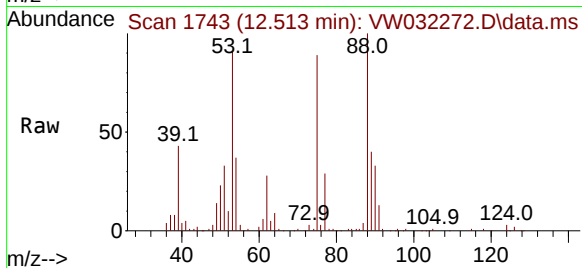
Tgt Ion: 75 Resp: 36851

Ion Ratio Lower Upper

75 100

53 108.0 81.4 122.2

89 44.9 35.4 53.2



#82

4-Chlorotoluene

Concen: 72.523 ug/l

RT: 12.989 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VW032272.D

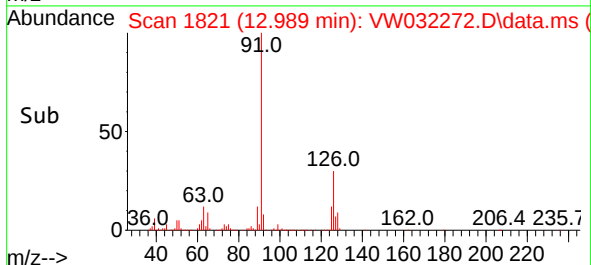
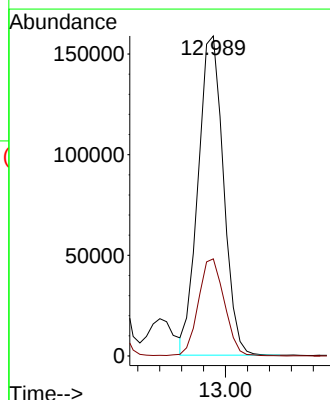
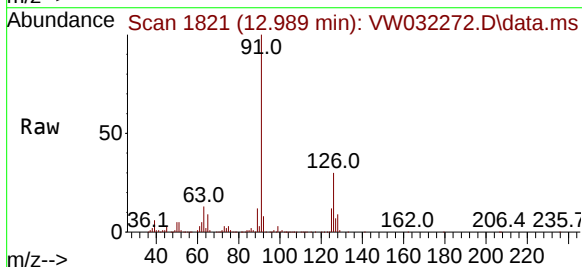
Acq: 26 Sep 2025 12:11

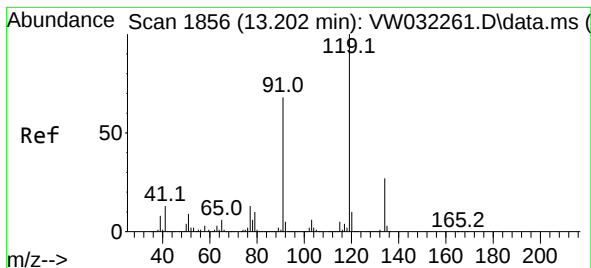
Tgt Ion: 91 Resp: 254787

Ion Ratio Lower Upper

91 100

126 31.2 16.5 49.5





#83

tert-Butylbenzene

Concen: 68.659 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MSD

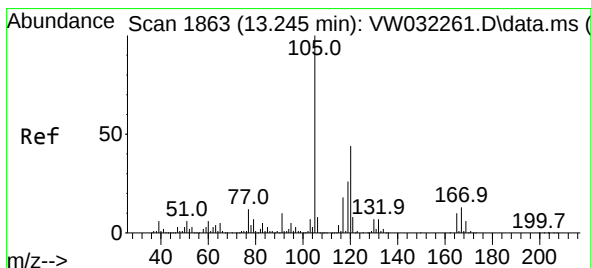
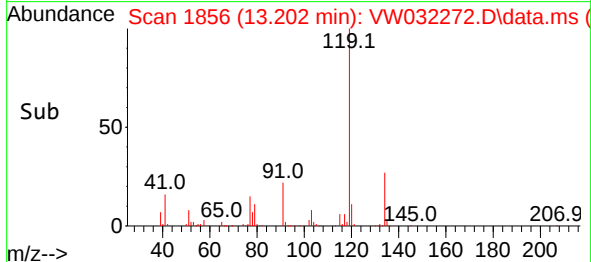
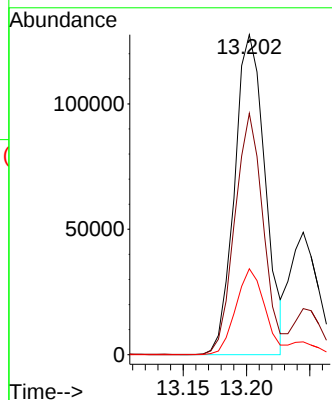
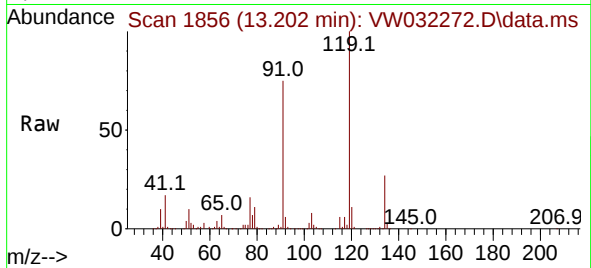
Tgt Ion:119 Resp: 214473

Ion Ratio Lower Upper

119 100

91 71.1 35.5 106.5

134 25.9 13.5 40.4



#84

1,2,4-Trimethylbenzene

Concen: 70.690 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032272.D

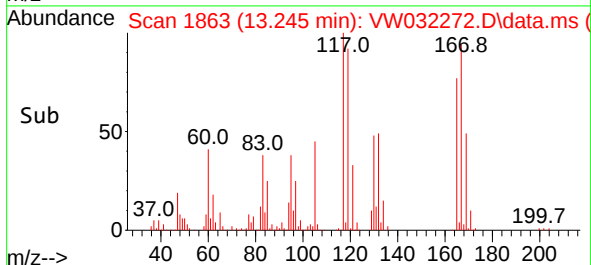
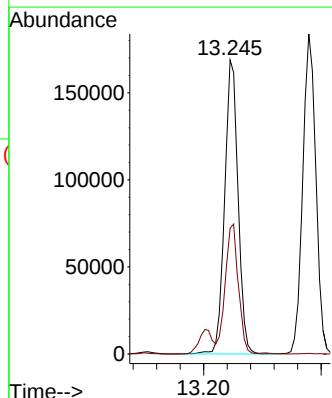
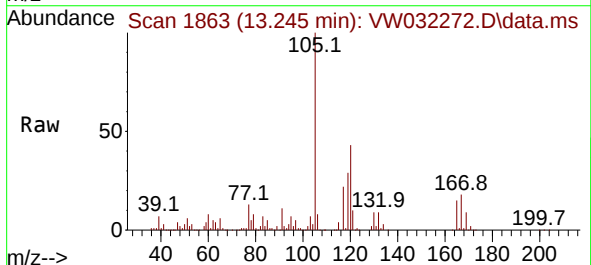
Acq: 26 Sep 2025 12:11

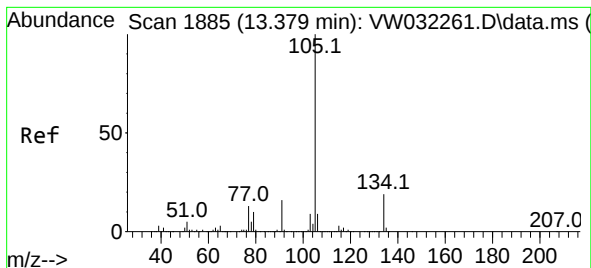
Tgt Ion:105 Resp: 268079

Ion Ratio Lower Upper

105 100

120 43.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 60.483 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

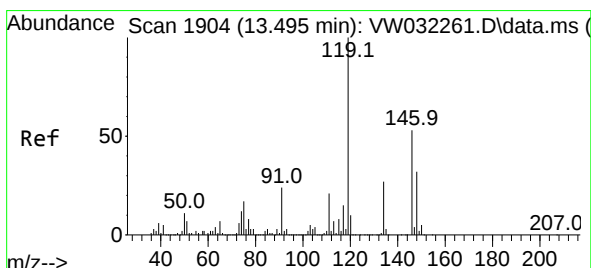
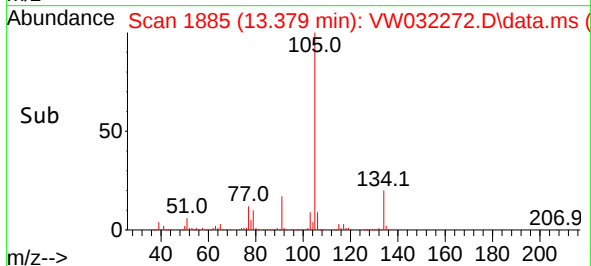
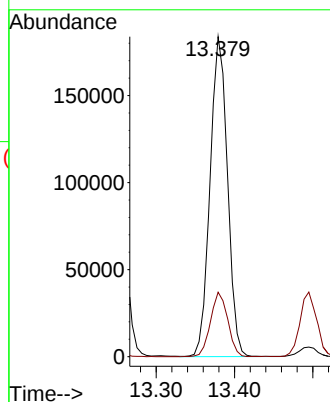
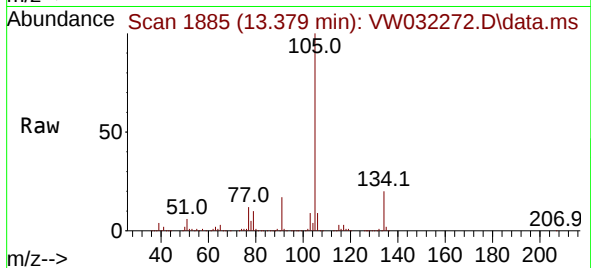
EME-TS14-01MSD

Tgt Ion:105 Resp: 283714

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 58.651 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

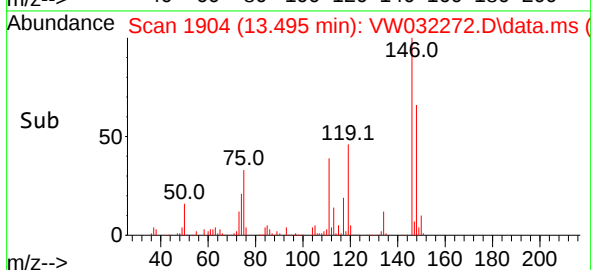
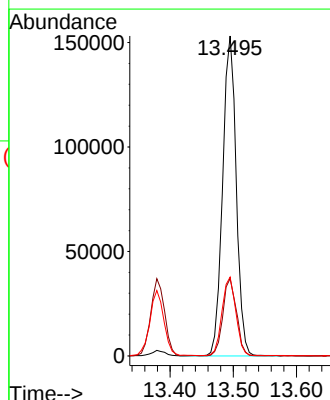
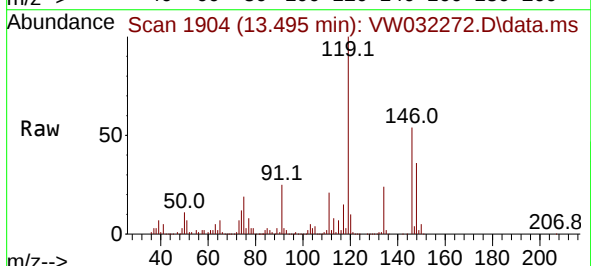
Tgt Ion:119 Resp: 227849

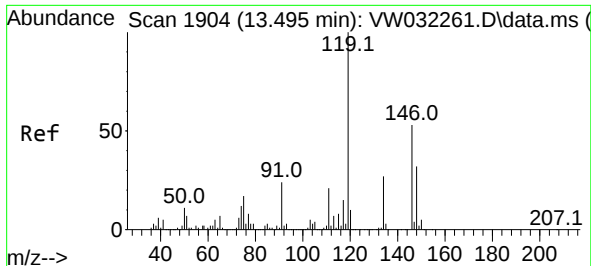
Ion Ratio Lower Upper

119 100

134 24.1 12.5 37.5

91 25.0 12.1 36.3

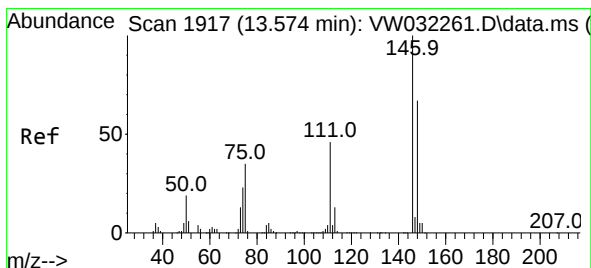
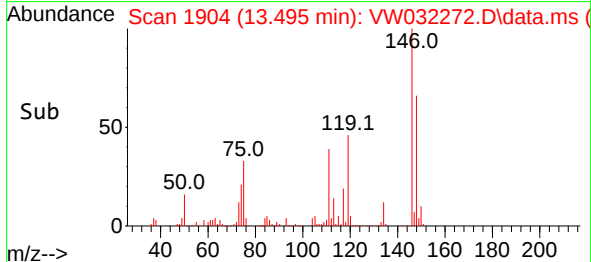
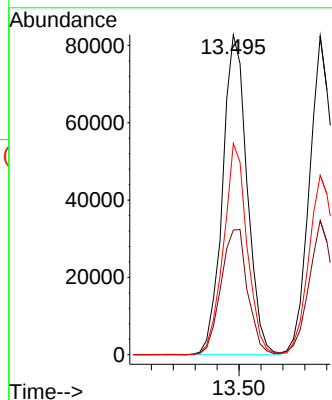
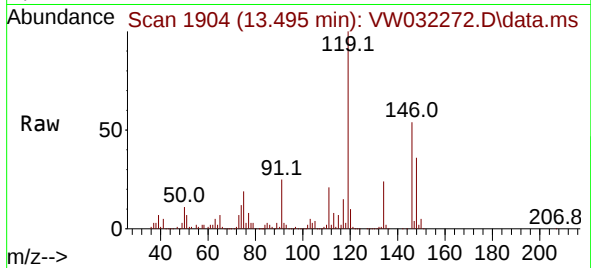




#87
 1,3-Dichlorobenzene
 Concen: 60.537 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

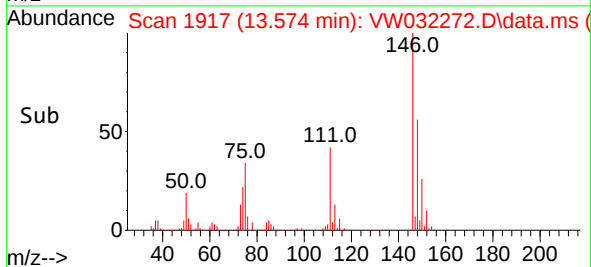
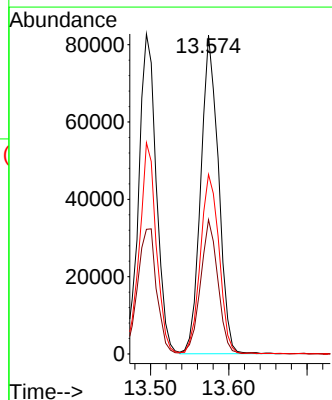
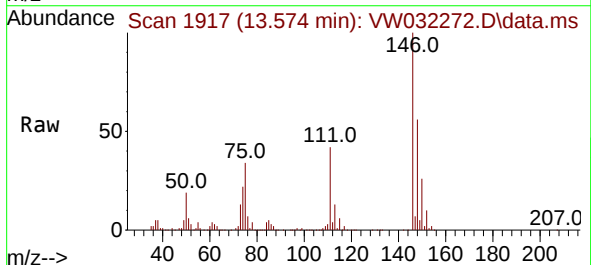
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MSD

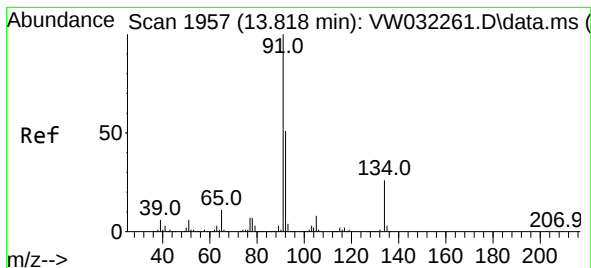
Tgt Ion:146 Resp: 128671
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.9 65.5
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 59.454 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW032272.D
 Acq: 26 Sep 2025 12:11

Tgt Ion:146 Resp: 129096
 Ion Ratio Lower Upper
 146 100
 111 40.9 22.4 67.2
 148 59.4 34.4 103.1





#89

n-Butylbenzene

Concen: 44.736 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MSD

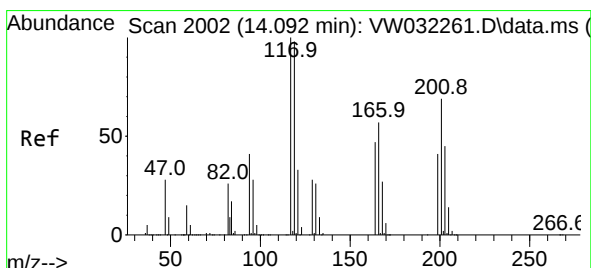
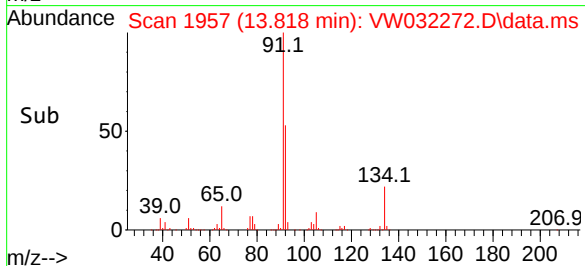
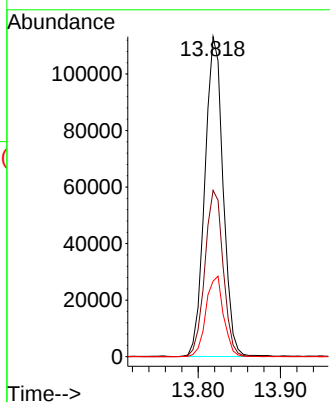
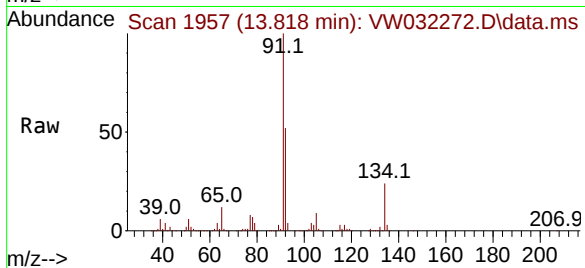
Tgt Ion: 91 Resp: 174413

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 24.3 12.3 36.8



#90

Hexachloroethane

Concen: 51.648 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VW032272.D

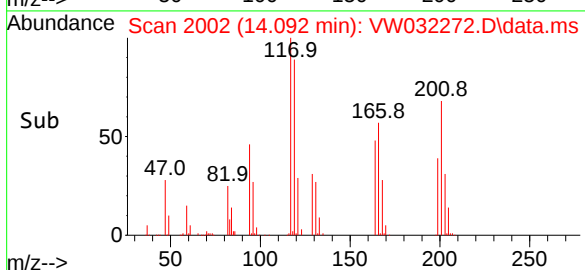
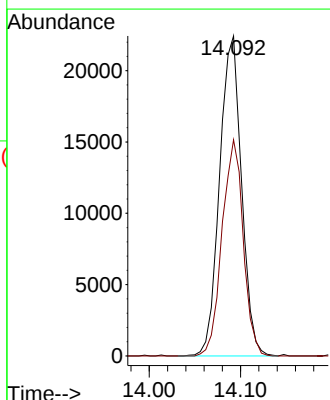
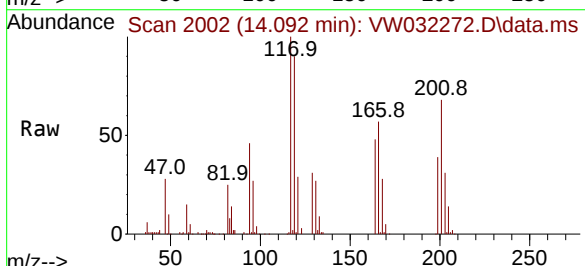
Acq: 26 Sep 2025 12:11

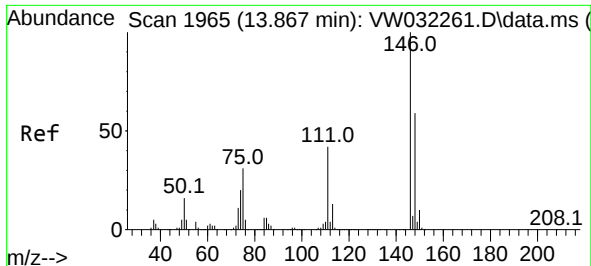
Tgt Ion: 117 Resp: 37396

Ion Ratio Lower Upper

117 100

201 65.2 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 60.375 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MSD

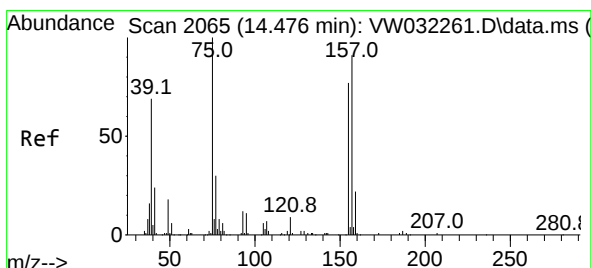
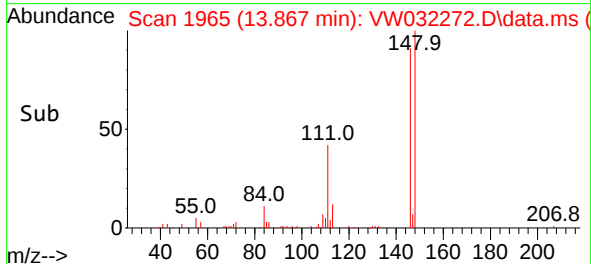
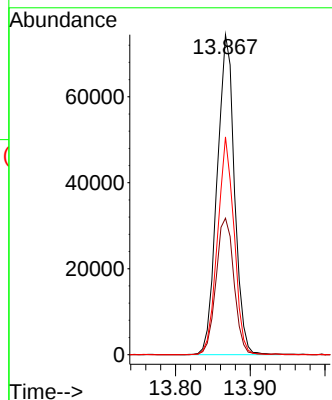
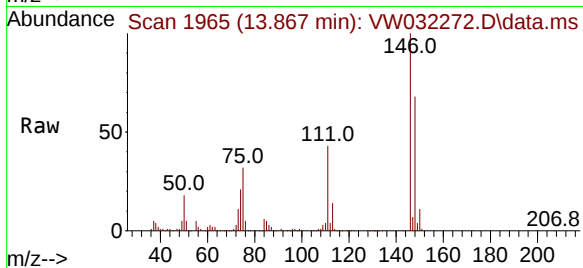
Tgt Ion:146 Resp: 120044

Ion Ratio Lower Upper

146 100

111 44.3 21.9 65.8

148 64.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.194 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

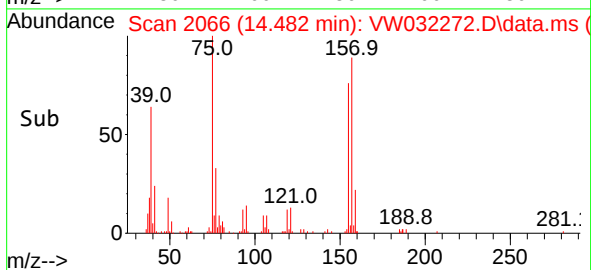
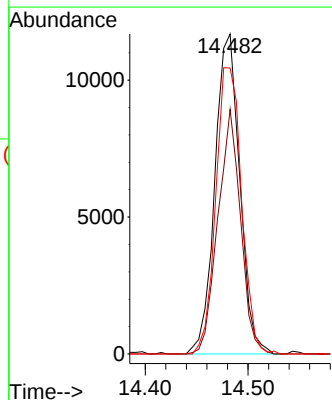
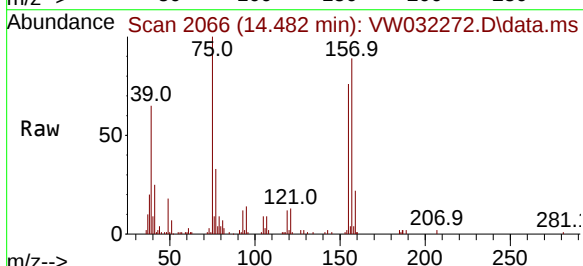
Tgt Ion: 75 Resp: 19630

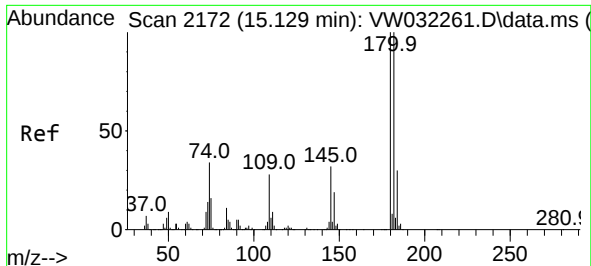
Ion Ratio Lower Upper

75 100

155 69.6 38.2 114.6

157 92.6 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 27.161 ug/l

RT: 15.123 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MSD

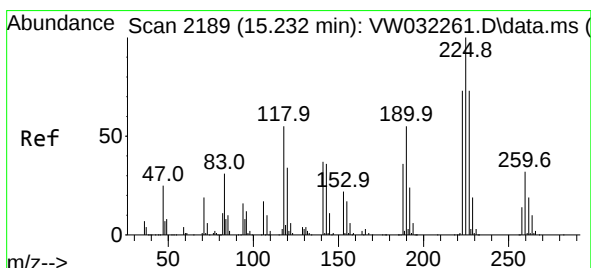
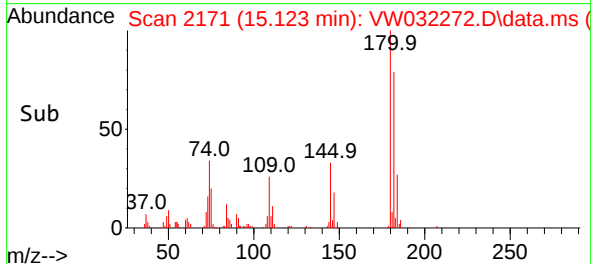
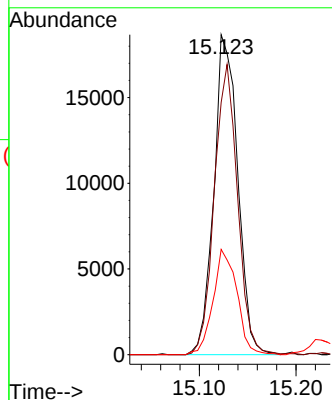
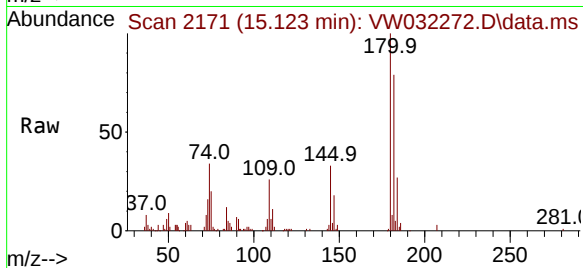
Tgt Ion:180 Resp: 32039

Ion Ratio Lower Upper

180 100

182 88.5 48.4 145.3

145 32.9 16.9 50.7



#94

Hexachlorobutadiene

Concen: 26.326 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

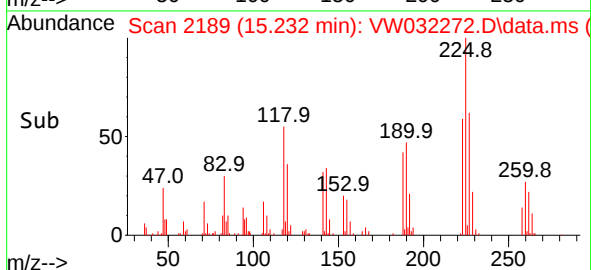
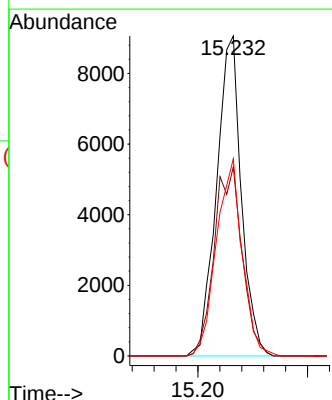
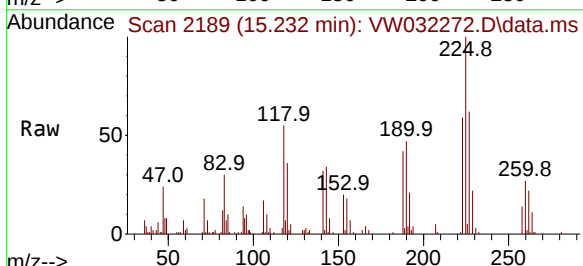
Tgt Ion:225 Resp: 14262

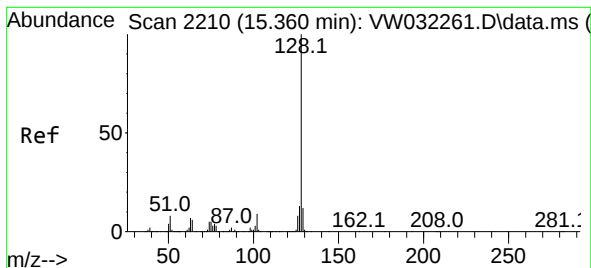
Ion Ratio Lower Upper

225 100

223 66.3 36.4 109.2

227 64.1 36.4 109.2





#95

Naphthalene

Concen: 43.051 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MSD

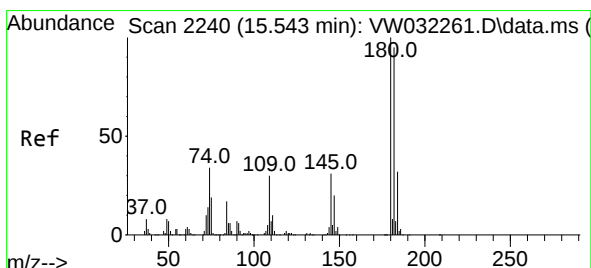
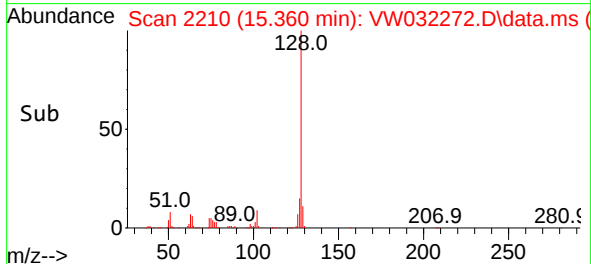
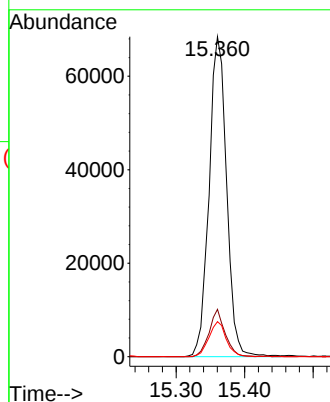
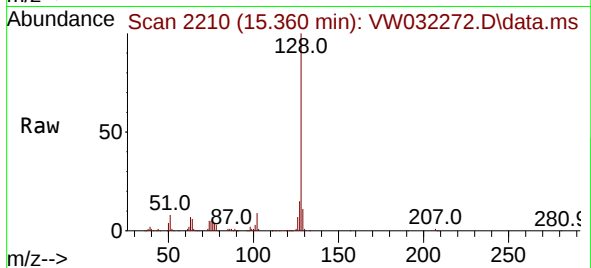
Tgt Ion:128 Resp: 121884

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 25.085 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032272.D

Acq: 26 Sep 2025 12:11

Tgt Ion:180 Resp: 27514

Ion Ratio Lower Upper

180 100

182 93.6 45.5 136.4

145 37.2 18.1 54.1

