

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032271.D
 Acq On : 26 Sep 2025 11:49
 Operator : SY/MD
 Sample : Q3178-02MS
 Misc : 4.66g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MS

Quant Time: Sep 27 04:33:32 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	141001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	266280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	156298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	38842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	131342	58.994	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 117.980%	
35) Dibromofluoromethane	7.898	113	97051	50.679	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 101.360%	
50) Toluene-d8	10.325	98	272086	39.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 78.840%	
62) 4-Bromofluorobenzene	12.617	95	59860	22.994	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 45.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	51958	53.336	ug/l	96
3) Chloromethane	2.253	50	72490	51.996	ug/l	97
4) Vinyl Chloride	2.405	62	97624	59.932	ug/l	97
5) Bromomethane	2.820	94	57849	52.008	ug/l	94
6) Chloroethane	2.966	64	69360	62.838	ug/l	99
7) Trichlorofluoromethane	3.302	101	64423	52.490	ug/l	97
8) Diethyl Ether	3.716	74	75653	65.189	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	82267	52.513	ug/l	98
10) Methyl Iodide	4.314	142	89718	42.341	ug/l	99
11) Tert butyl alcohol	5.216	59	61413	397.386	ug/l	98
12) 1,1-Dichloroethene	4.076	96	99981	59.703	ug/l	88
13) Acrolein	3.923	56	10857	39.471	ug/l	98
14) Allyl chloride	4.698	41	154458	59.431	ug/l	97
15) Acrylonitrile	5.399	53	214410	358.726	ug/l	98
16) Acetone	4.155	43	208051	363.876	ug/l	97
17) Carbon Disulfide	4.417	76	162388	42.175	ug/l	97
18) Methyl Acetate	4.704	43	291668	148.323	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	235646	75.913	ug/l	96
20) Methylene Chloride	4.960	84	137903	69.711	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	96439	53.405	ug/l	95
22) Diisopropyl ether	6.338	45	351904	60.936	ug/l	94
23) Vinyl Acetate	6.338	43	201868	54.336	ug/l #	72
24) 1,1-Dichloroethane	6.240	63	216270	59.324	ug/l	99
25) 2-Butanone	7.191	43	297231	372.960	ug/l	98
26) 2,2-Dichloropropane	7.179	77	100665	56.035	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	122869	54.707	ug/l	99
28) Bromochloromethane	7.526	49	105965	60.914	ug/l #	98
29) Tetrahydrofuran	7.551	42	211385	408.566	ug/l	99
30) Chloroform	7.691	83	215651	56.695	ug/l	98
31) Cyclohexane	7.972	56	121292	42.193	ug/l	96
32) 1,1,1-Trichloroethane	7.880	97	139910	54.599	ug/l	99
36) 1,1-Dichloropropene	8.093	75	126371	48.946	ug/l	99
37) Ethyl Acetate	7.270	43	48182	28.139	ug/l	99
38) Carbon Tetrachloride	8.081	117	119212	49.078	ug/l #	94
39) Methylcyclohexane	9.337	83	99881	33.434	ug/l	99
40) Benzene	8.331	78	423776	52.146	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	55784	56.883	ug/l	94
42) 1,2-Dichloroethane	8.410	62	162045	59.988	ug/l	100
43) Isopropyl Acetate	8.435	43	116448	37.991	ug/l	93
44) Trichloroethene	9.099	130	87125	45.866	ug/l	97
45) 1,2-Dichloropropane	9.374	63	112658	53.524	ug/l	98
46) Dibromomethane	9.465	93	74475	57.550	ug/l	98
47) Bromodichloromethane	9.648	83	151865	51.452	ug/l	98
48) Methyl methacrylate	9.441	41	124110	86.067	ug/l	94
49) 1,4-Dioxane	9.465	88	28605	1650.441	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	656336	361.151	ug/l	98
52) Toluene	10.392	92	214169	42.519	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	127989	47.329	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	143573	45.987	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	95597	54.119	ug/l	98
56) Ethyl methacrylate	10.648	69	45933	19.741	ug/l	96
57) 1,3-Dichloropropane	10.928	76	170464	55.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	412400	322.877	ug/l	99
59) 2-Hexanone	10.971	43	420700	338.987	ug/l	98
60) Dibromochloromethane	11.129	129	87500	45.105	ug/l	97
61) 1,2-Dibromoethane	11.233	107	86844	51.894	ug/l	97
64) Tetrachloroethene	10.867	164	54561	57.282	ug/l	97
65) Chlorobenzene	11.660	112	182983	50.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	73843	64.855	ug/l	98
67) Ethyl Benzene	11.733	91	312051	52.954	ug/l	95
68) m/p-Xylenes	11.837	106	227693	100.795	ug/l	99
69) o-Xylene	12.166	106	105483	49.686	ug/l	96
70) Styrene	12.178	104	164859	44.281	ug/l	98
71) Bromoform	12.355	173	43701	65.863	ug/l #	97
73) Isopropylbenzene	12.465	105	232950	86.167	ug/l	100
74) N-amyl acetate	12.270	43	15662	18.396	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	98287	138.663	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	123134	230.426	ug/l #	14
77) Bromobenzene	12.745	156	54865	82.510	ug/l	71
78) n-propylbenzene	12.800	91	250777	73.849	ug/l	99
79) 2-Chlorotoluene	12.891	91	142798	69.418	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	155362	67.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	26235	127.521	ug/l	93
82) 4-Chlorotoluene	12.989	91	143050	65.799	ug/l	97
83) tert-Butylbenzene	13.202	119	135834	70.270	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	149146	63.554	ug/l	99
85) sec-Butylbenzene	13.379	105	181058	62.374	ug/l	99
86) p-Isopropyltoluene	13.495	119	137665	57.265	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	70307	53.454	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	68009	50.614	ug/l	97
89) n-Butylbenzene	13.818	91	109435	45.360	ug/l	100
90) Hexachloroethane	14.086	117	22057	49.228	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	62337	50.664	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14621	120.596	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	15617	21.395	ug/l	96
94) Hexachlorobutadiene	15.226	225	10247	30.566	ug/l	89
95) Naphthalene	15.360	128	64534	36.835	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	14020	20.656	ug/l	93

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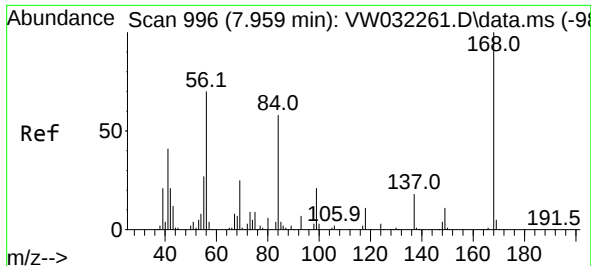
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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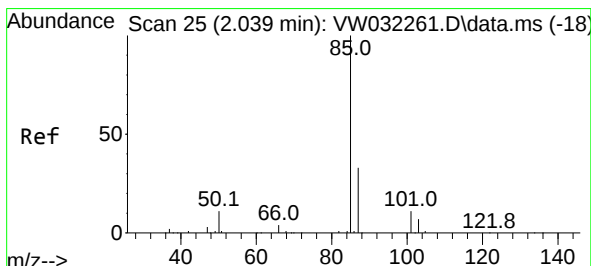
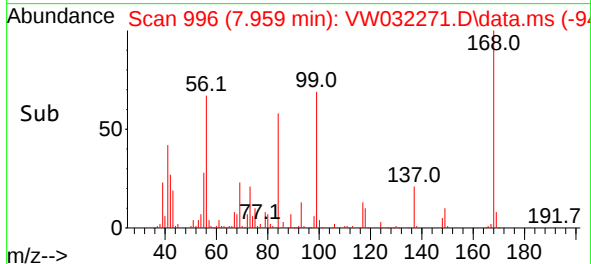
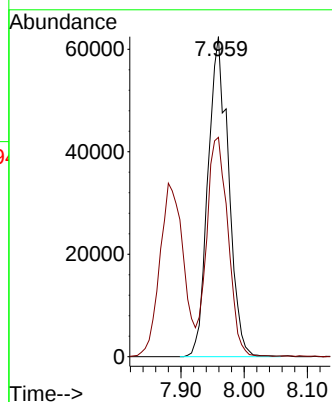
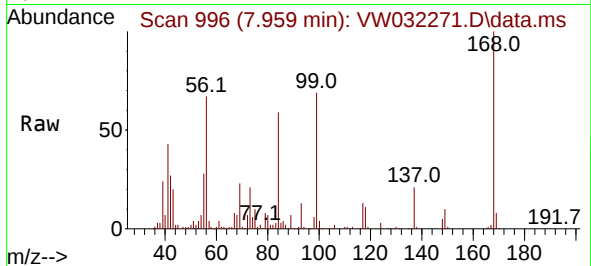




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
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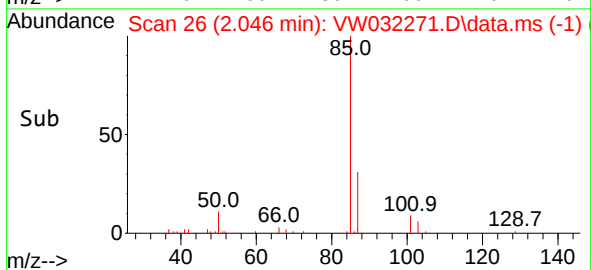
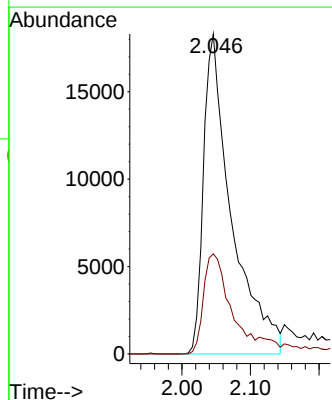
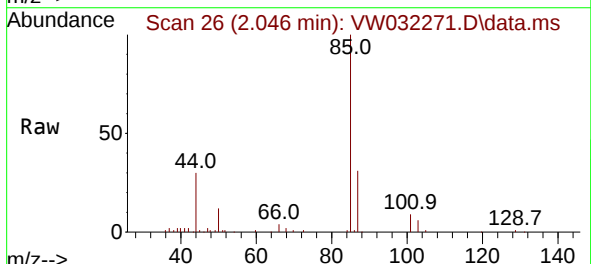
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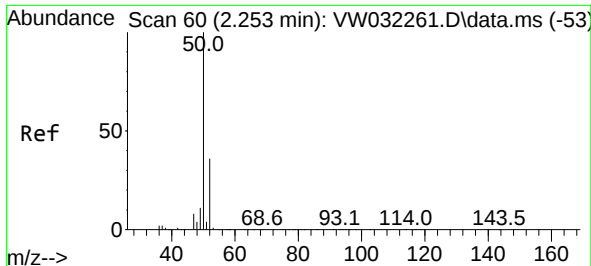
Tgt Ion:168 Resp: 141001
Ion Ratio Lower Upper
168 100
99 68.3 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 53.336 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 85 Resp: 51958
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.1

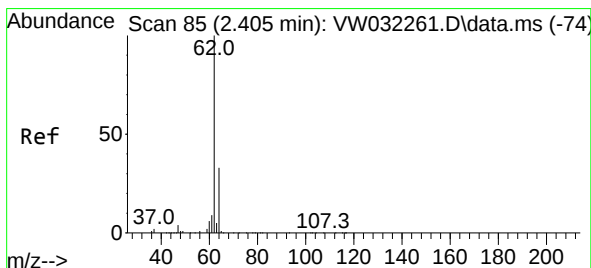
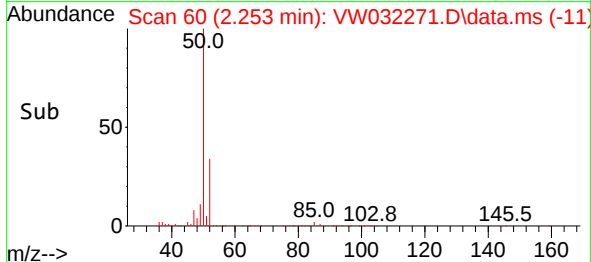
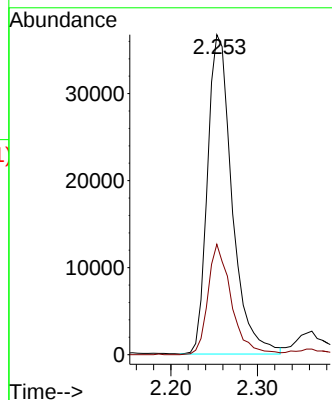
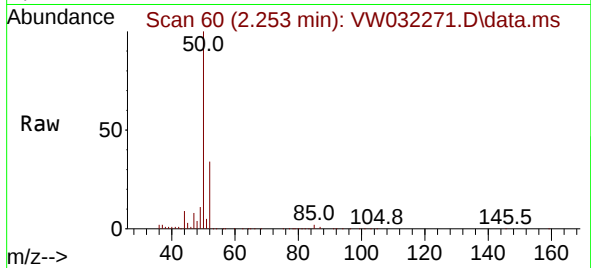




#3
Chloromethane
Concen: 51.996 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

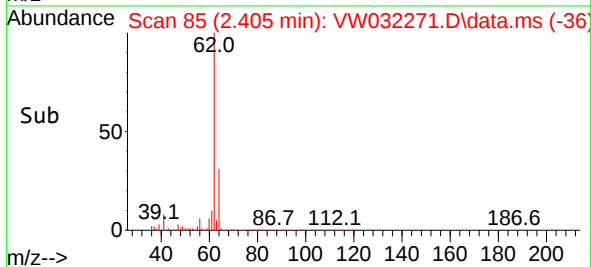
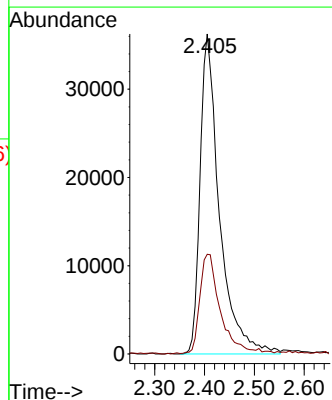
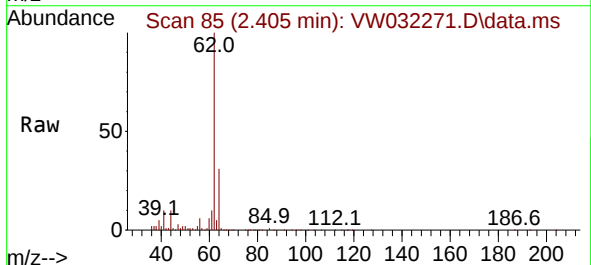
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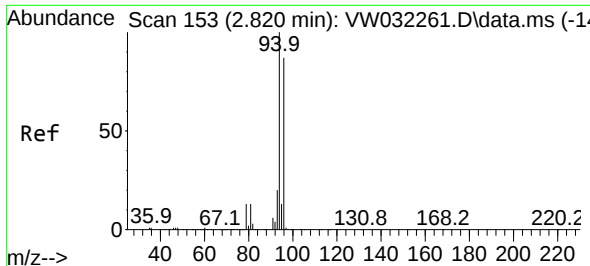
Tgt Ion: 50 Resp: 72490
Ion Ratio Lower Upper
50 100
52 34.6 28.9 43.3



#4
Vinyl Chloride
Concen: 59.932 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 62 Resp: 97624
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.4

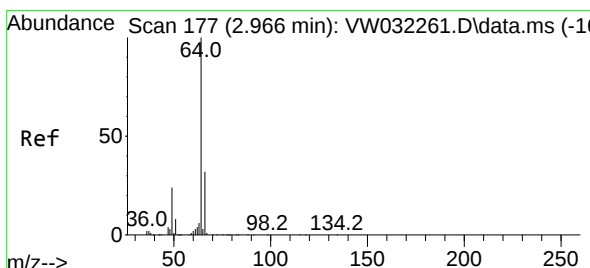
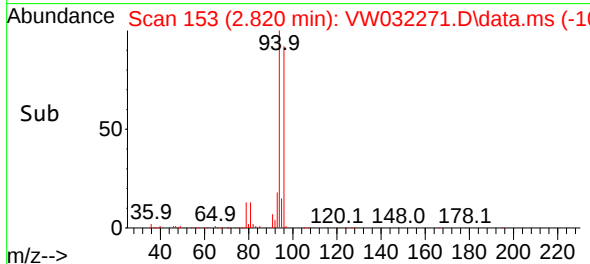
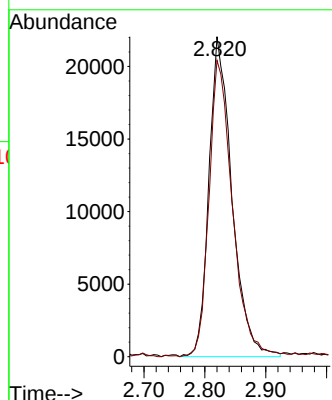
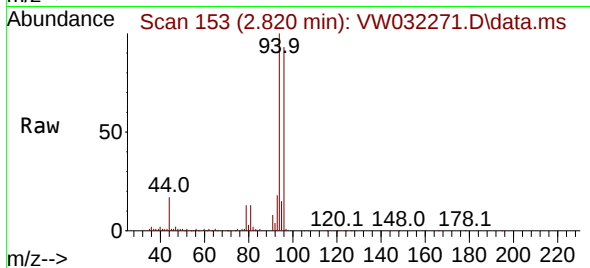




#5
Bromomethane
Concen: 52.008 ug/l
RT: 2.820 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

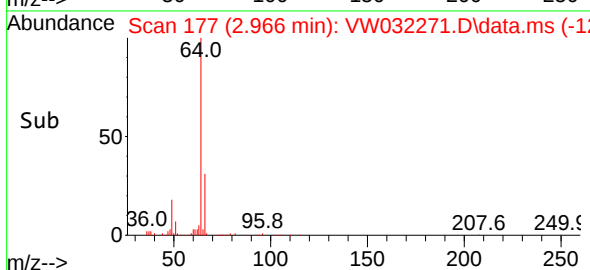
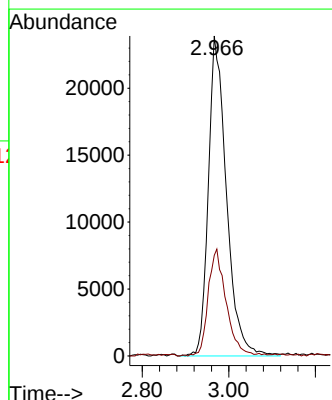
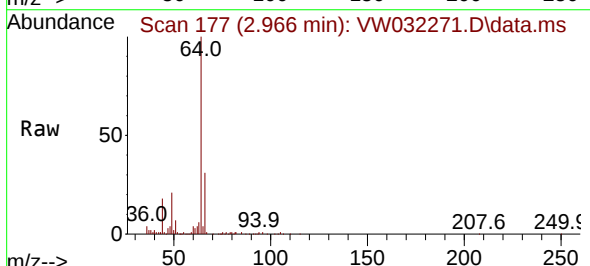
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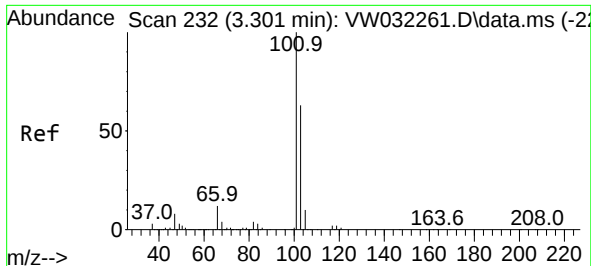
Tgt Ion: 94 Resp: 57849
Ion Ratio Lower Upper
94 100
96 92.6 70.0 105.0



#6
Chloroethane
Concen: 62.838 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 64 Resp: 69360
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3

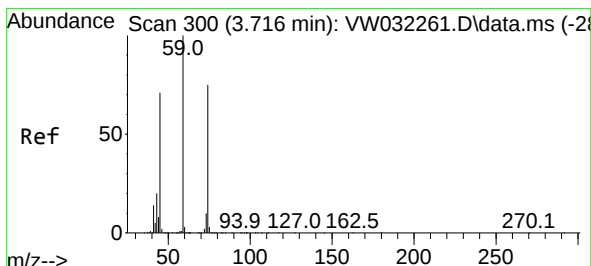
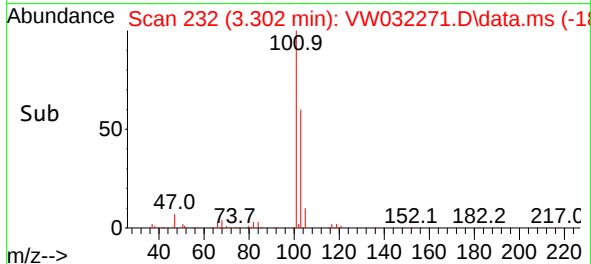
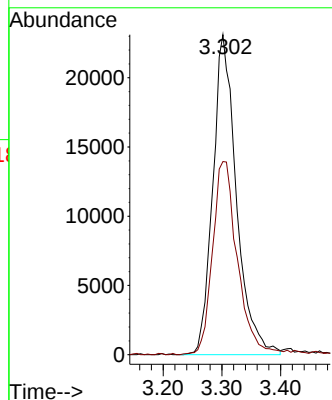
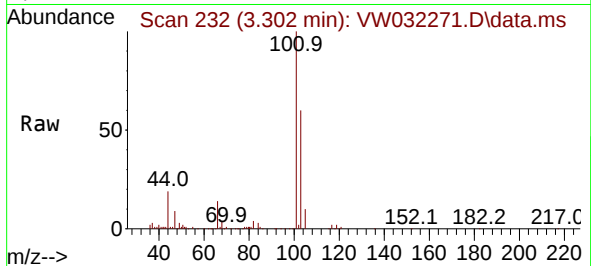




#7
 Trichlorofluoromethane
 Concen: 52.490 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

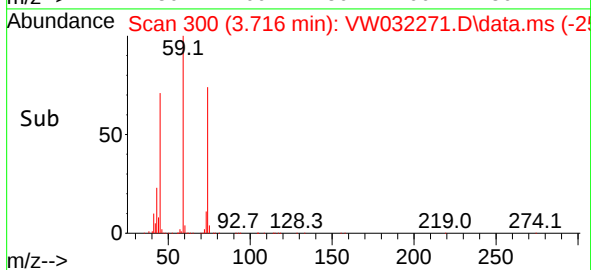
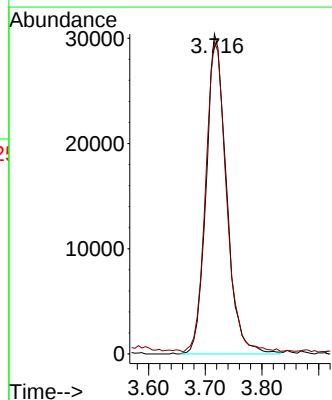
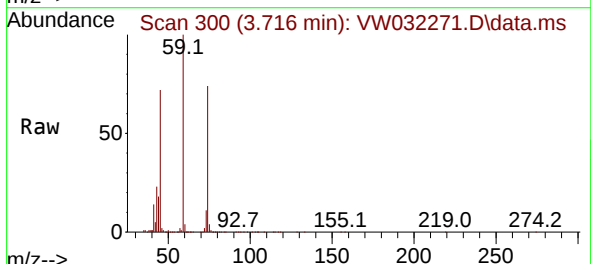
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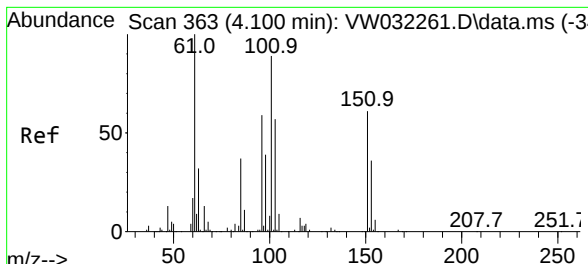
Tgt Ion:101 Resp: 64423
 Ion Ratio Lower Upper
 101 100
 103 60.3 50.3 75.5



#8
 Diethyl Ether
 Concen: 65.189 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VW032271.D
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Tgt Ion: 74 Resp: 75653
 Ion Ratio Lower Upper
 74 100
 45 99.0 49.0 147.2

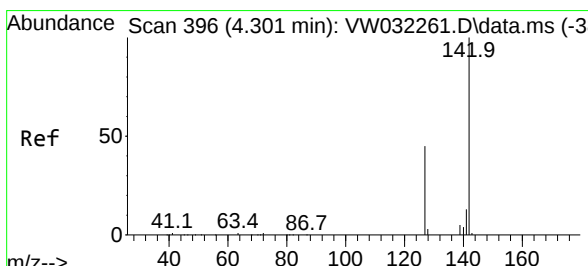
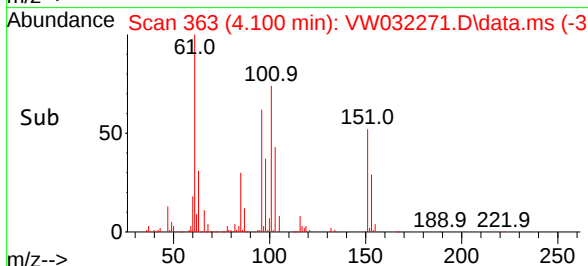
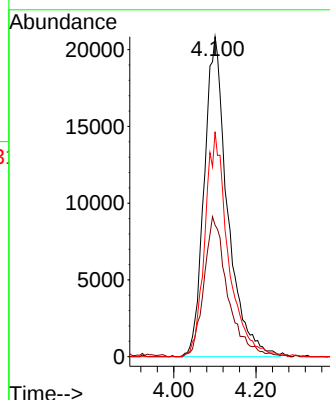
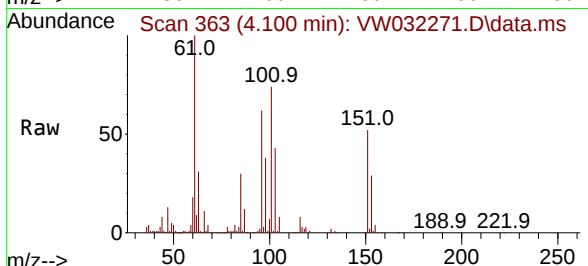




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.513 ug/l
 RT: 4.100 min Scan# 363
 Delta R.T. 0.000 min
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 Acq: 26 Sep 2025 11:49

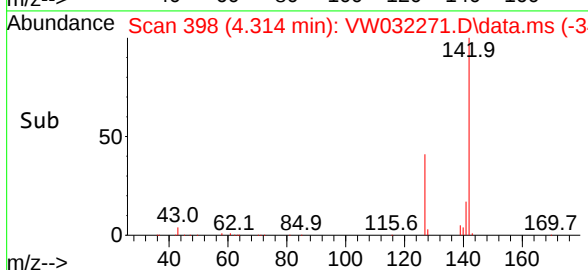
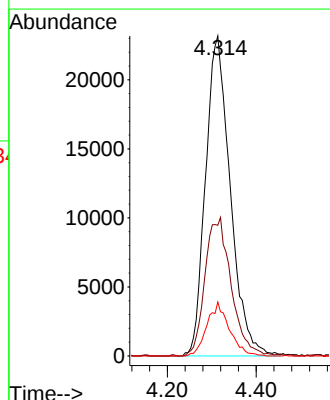
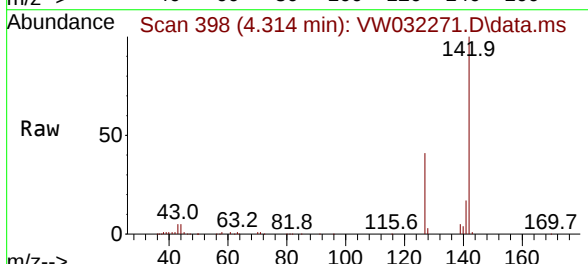
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MS

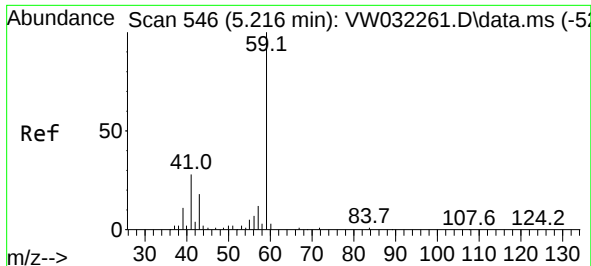
Tgt Ion:101	Resp:	82267
Ion Ratio	Lower	Upper
101	100	
85	44.6	33.7 50.5
151	70.2	55.7 83.5



#10
 Methyl Iodide
 Concen: 42.341 ug/l
 RT: 4.314 min Scan# 398
 Delta R.T. 0.012 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

Tgt Ion:142	Resp:	89718
Ion Ratio	Lower	Upper
142	100	
127	45.6	36.9 55.3
141	15.2	12.0 18.0

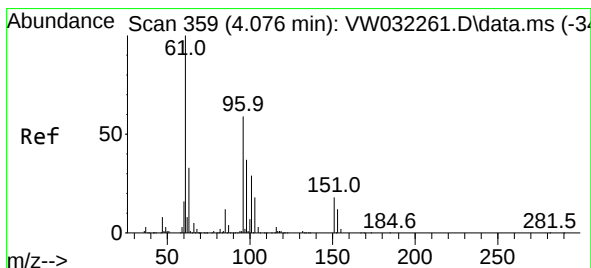
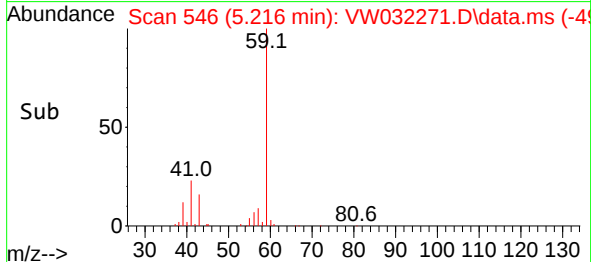
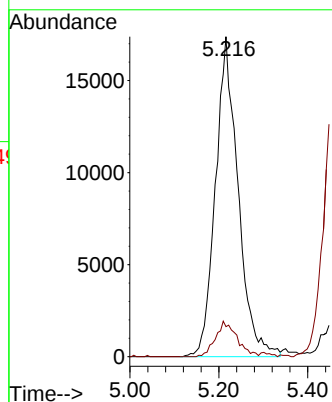
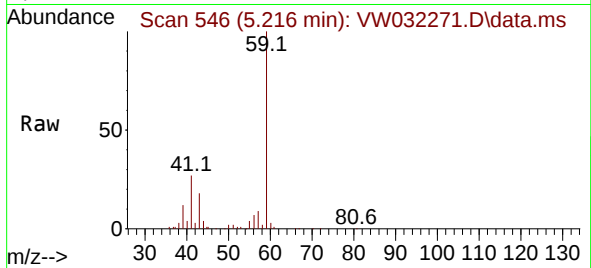




#11
Tert butyl alcohol
Concen: 397.386 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

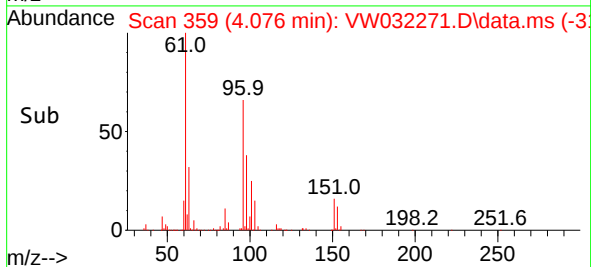
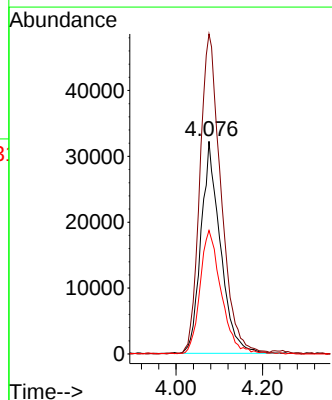
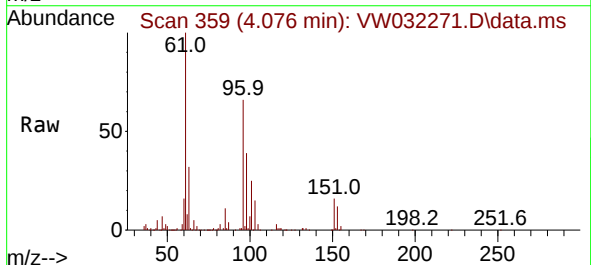
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

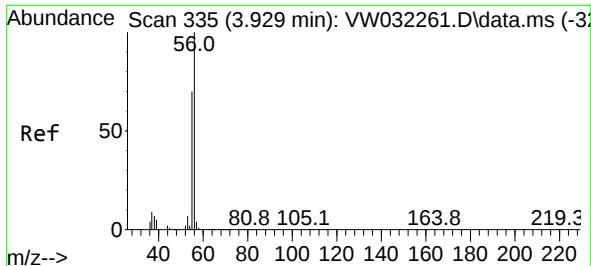
Tgt Ion: 59 Resp: 61413
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3



#12
1,1-Dichloroethene
Concen: 59.703 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 96 Resp: 99981
Ion Ratio Lower Upper
96 100
61 150.5 136.3 204.5
98 58.0 50.7 76.1

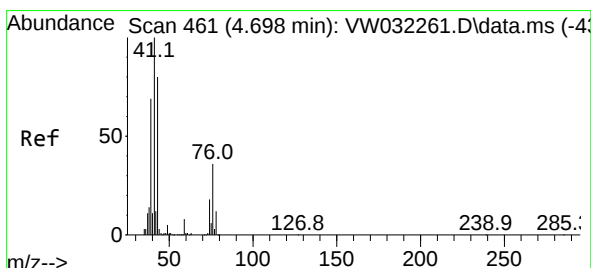
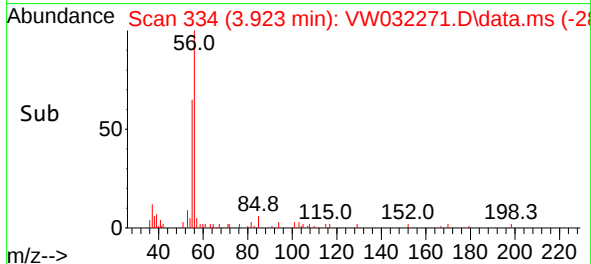
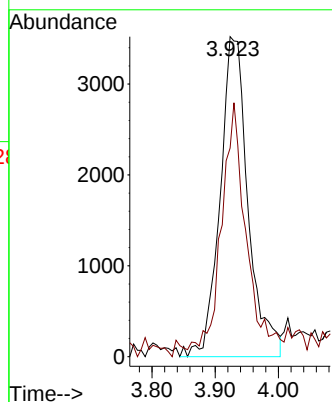
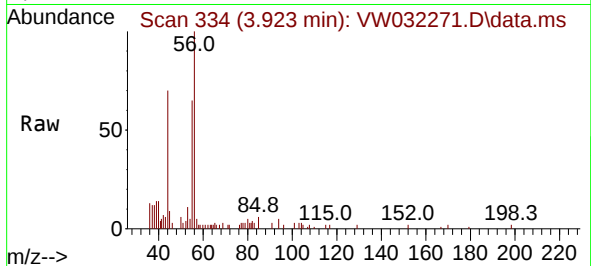




#13
Acrolein
Concen: 39.471 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

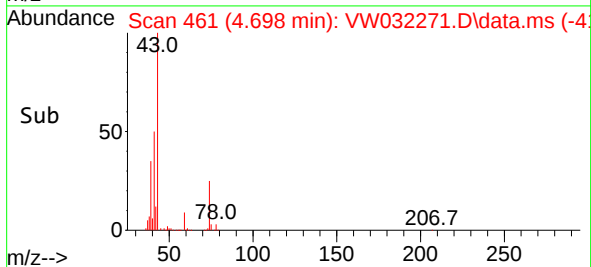
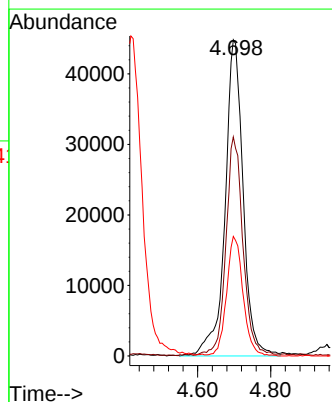
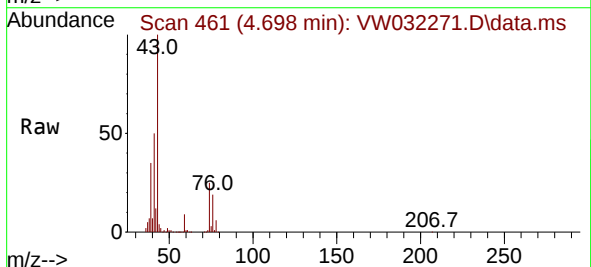
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

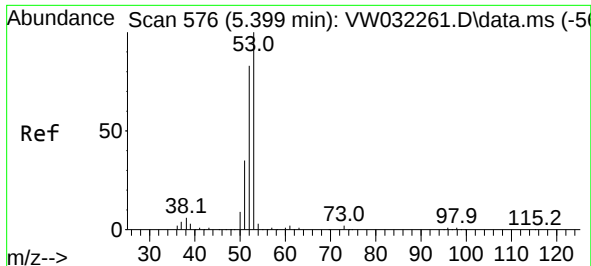
Tgt Ion: 56 Resp: 10857
Ion Ratio Lower Upper
56 100
55 65.2 53.2 79.8



#14
Allyl chloride
Concen: 59.431 ug/l
RT: 4.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 41 Resp: 154458
Ion Ratio Lower Upper
41 100
39 64.9 54.3 81.5
76 34.6 28.7 43.1

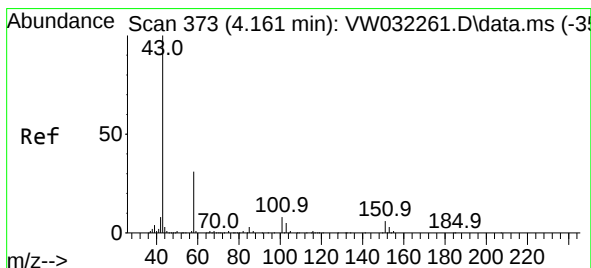
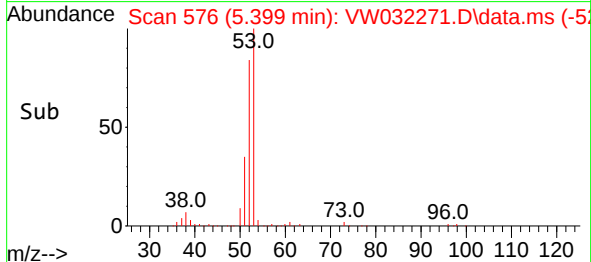
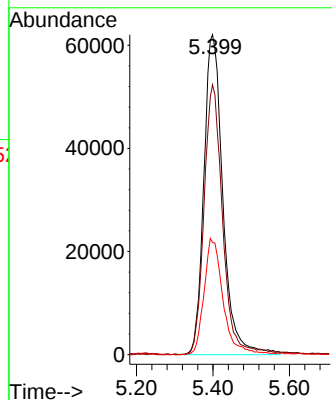
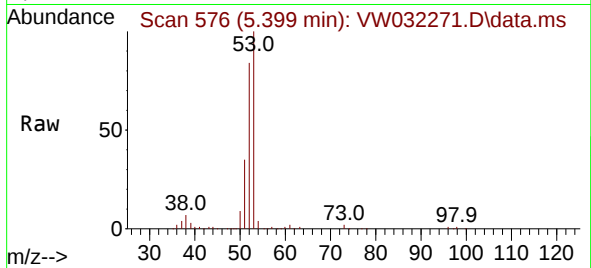




#15
Acrylonitrile
Concen: 358.726 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

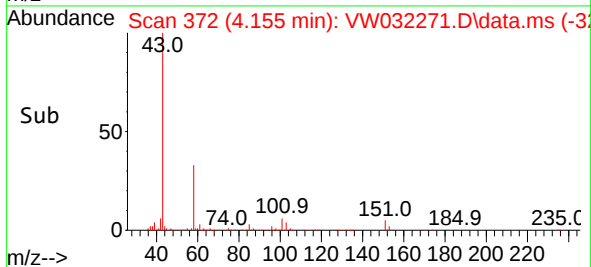
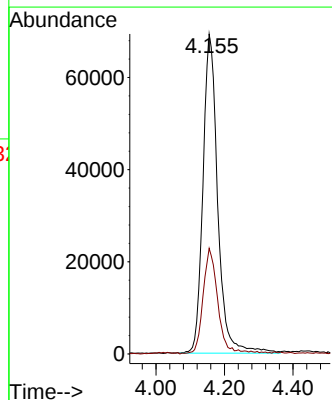
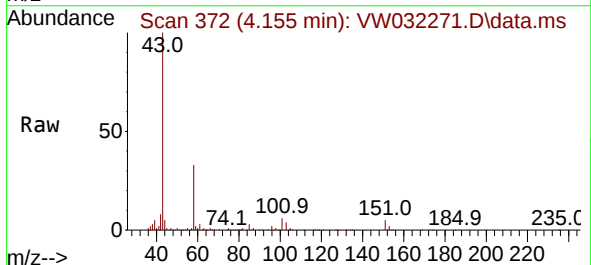
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

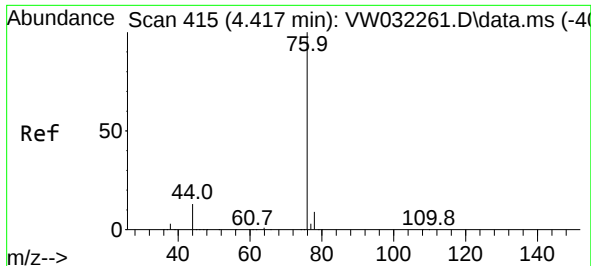
Tgt Ion: 53 Resp: 214410
Ion Ratio Lower Upper
53 100
52 81.3 66.3 99.5
51 36.4 29.6 44.4



#16
Acetone
Concen: 363.876 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 208051
Ion Ratio Lower Upper
43 100
58 33.1 25.4 38.0

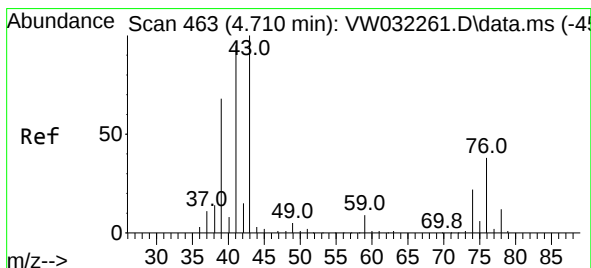
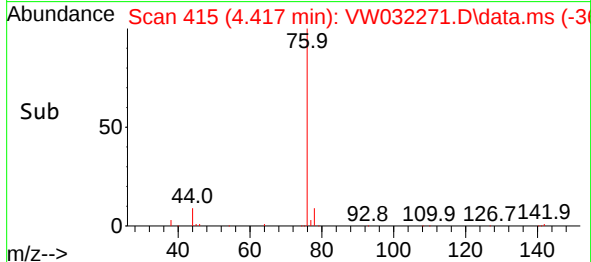
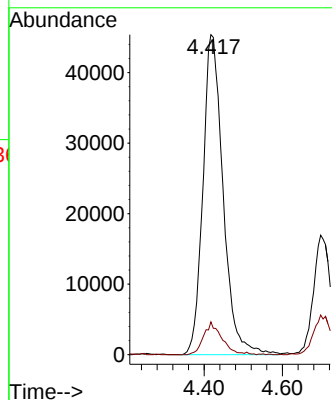
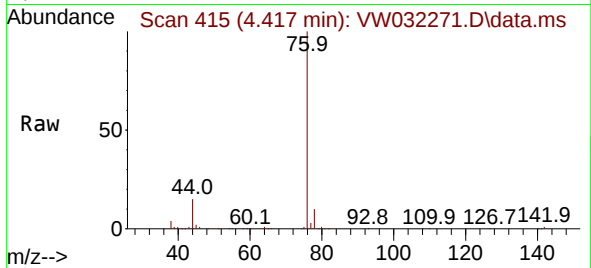




#17
Carbon Disulfide
Concen: 42.175 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

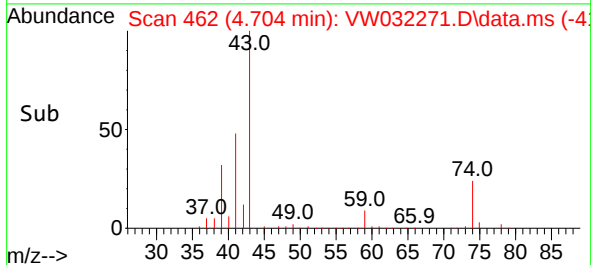
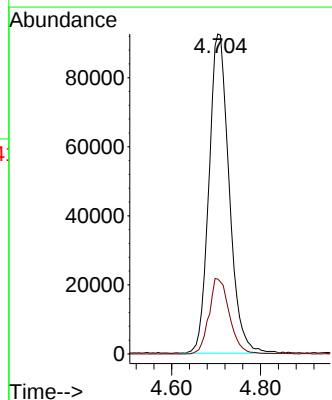
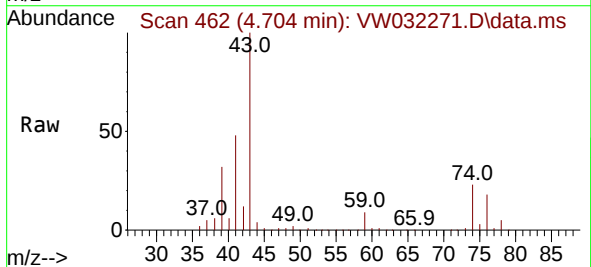
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

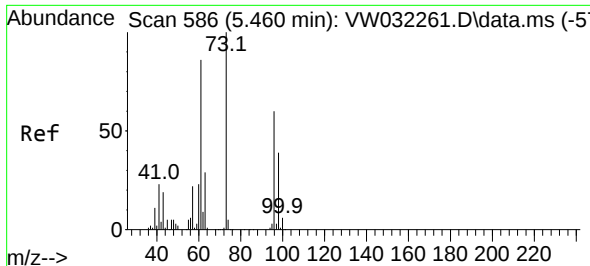
Tgt Ion: 76 Resp: 162388
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 148.323 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 291668
Ion Ratio Lower Upper
43 100
74 24.0 18.8 28.2

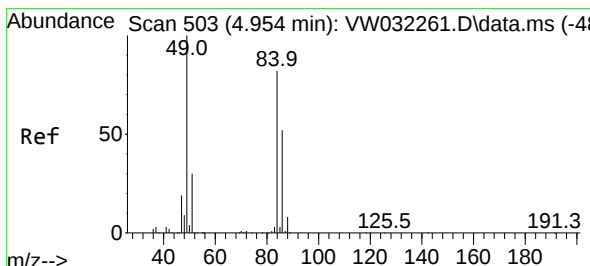
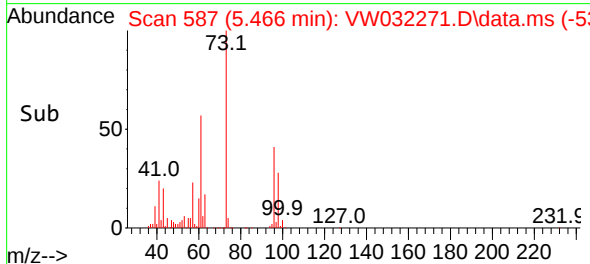
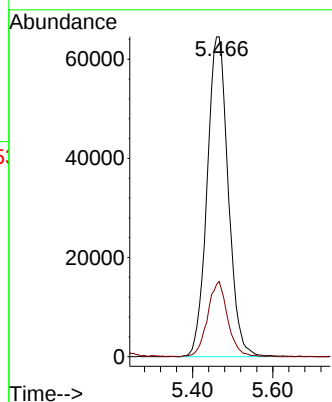
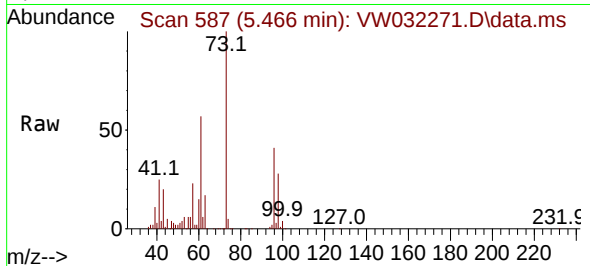




#19
Methyl tert-butyl Ether
Concen: 75.913 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

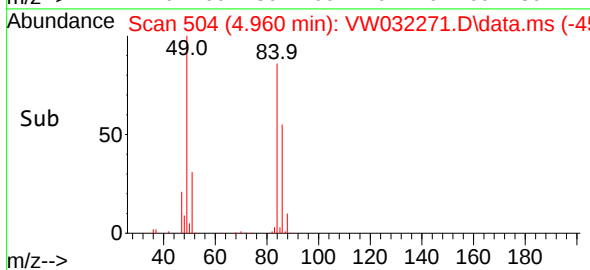
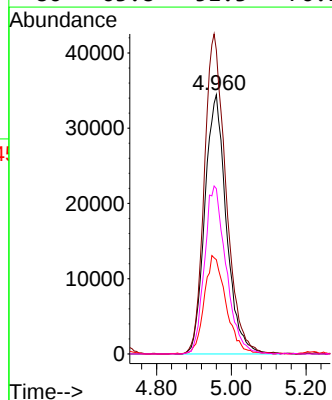
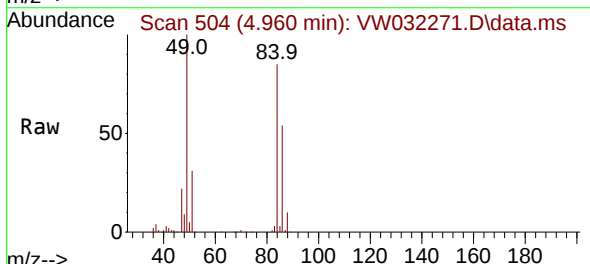
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

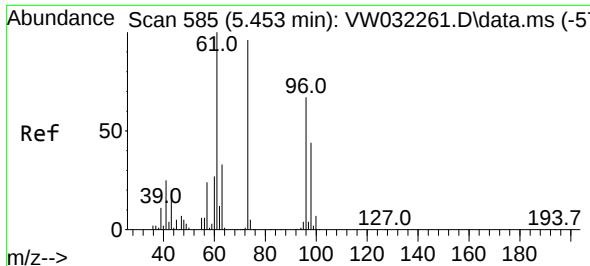
Tgt Ion: 73 Resp: 235646
Ion Ratio Lower Upper
73 100
57 23.5 17.3 25.9



#20
Methylene Chloride
Concen: 69.711 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 84 Resp: 137903
Ion Ratio Lower Upper
84 100
49 117.2 97.8 146.6
51 36.3 29.9 44.9
86 63.8 51.3 76.9

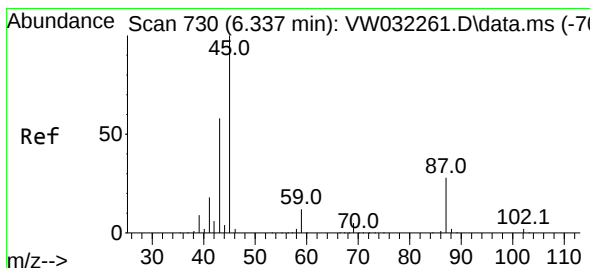
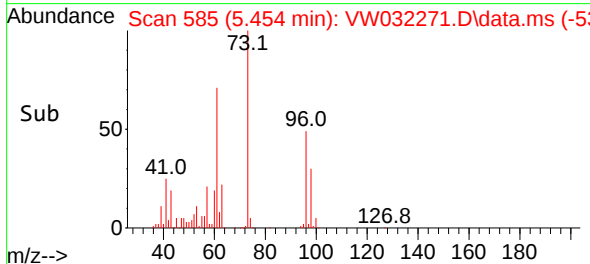
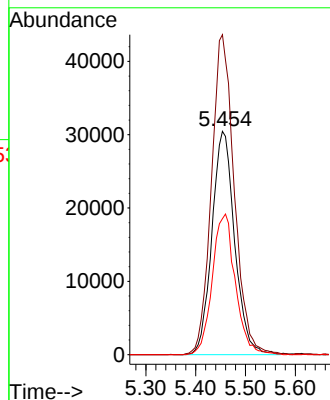
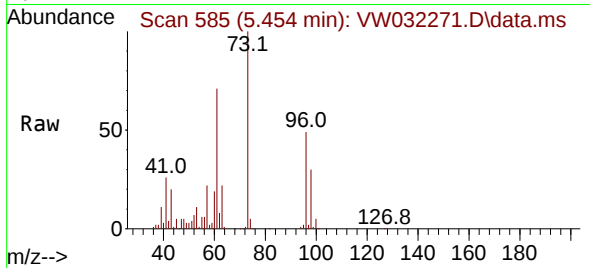




#21
trans-1,2-Dichloroethene
Concen: 53.405 ug/l
RT: 5.454 min Scan# 585
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

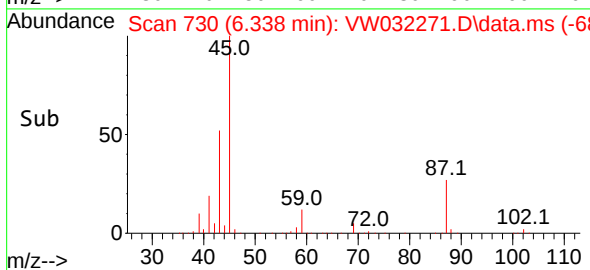
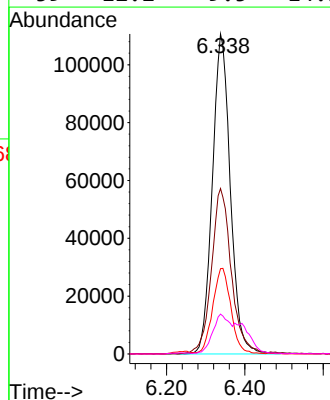
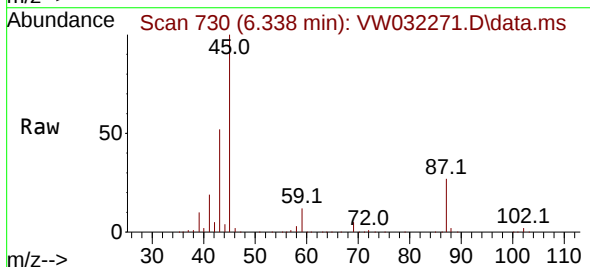
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

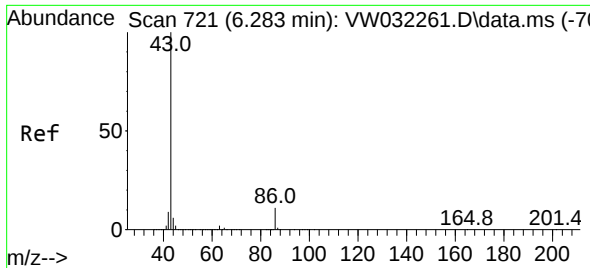
Tgt Ion: 96 Resp: 96439
Ion Ratio Lower Upper
96 100
61 143.3 119.2 178.8
98 60.9 52.5 78.7



#22
Diisopropyl ether
Concen: 60.936 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 45 Resp: 351904
Ion Ratio Lower Upper
45 100
43 51.6 46.2 69.4
87 26.6 22.2 33.2
59 12.2 9.5 14.3

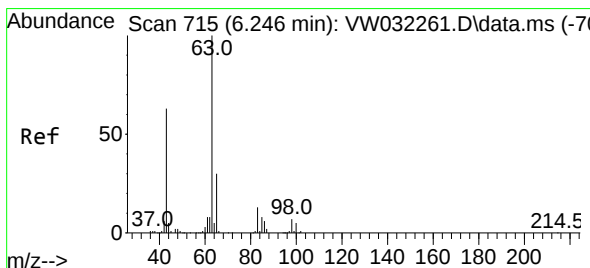
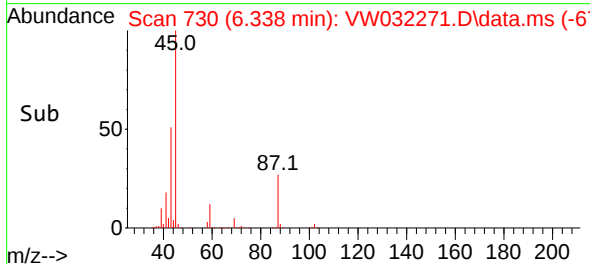
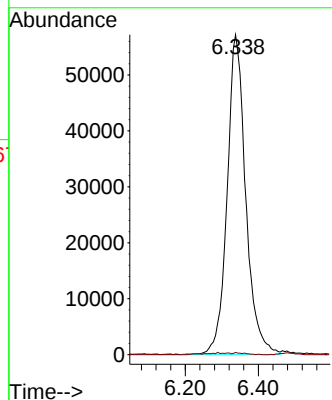
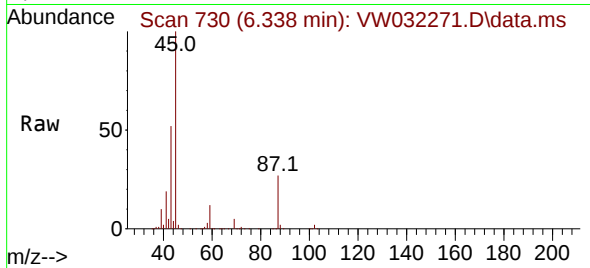




#23
 Vinyl Acetate
 Concen: 54.336 ug/l
 RT: 6.338 min Scan# 714
 Delta R.T. 0.055 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

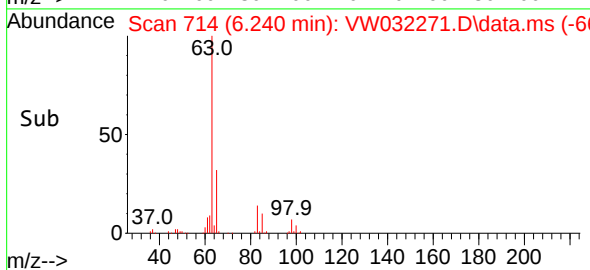
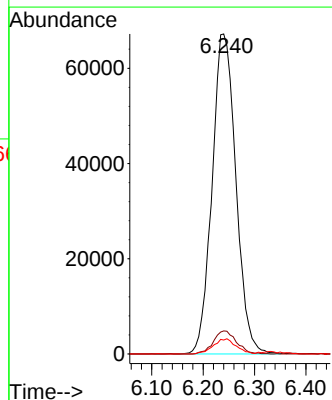
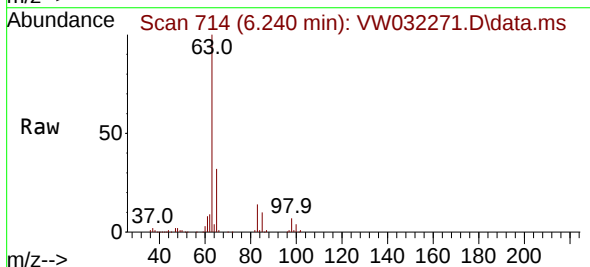
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MS

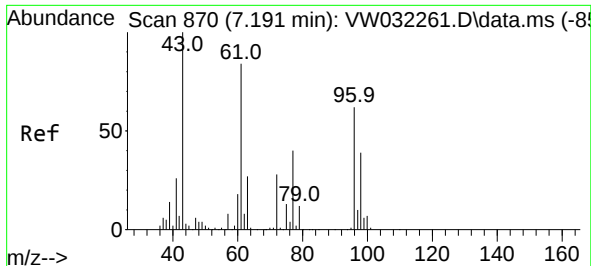
Tgt Ion: 43 Resp: 201868
 Ion Ratio Lower Upper
 43 100
 86 0.7 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 59.324 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

Tgt Ion: 63 Resp: 216270
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.4 2.4 7.1

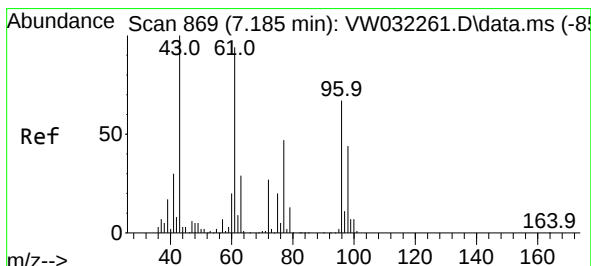
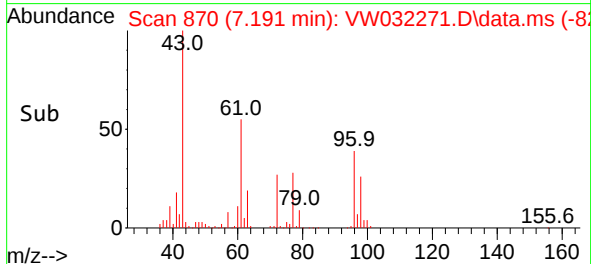
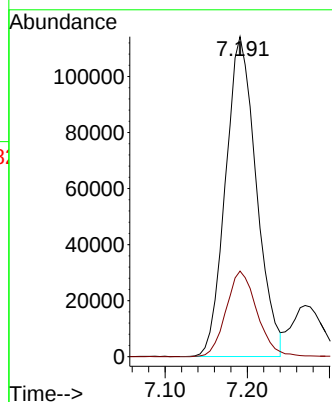
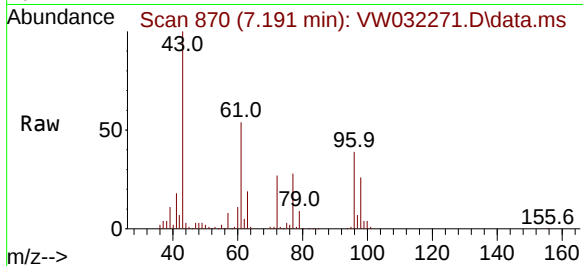




#25
2-Butanone
Concen: 372.960 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

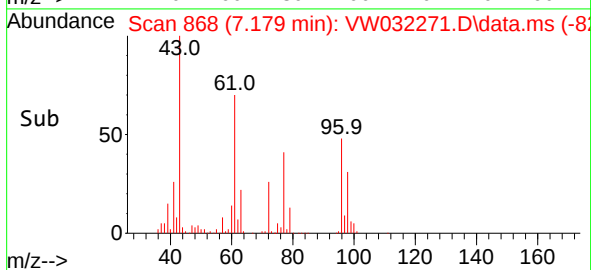
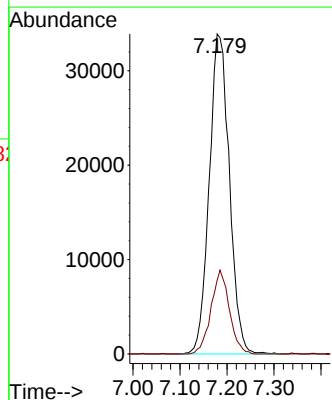
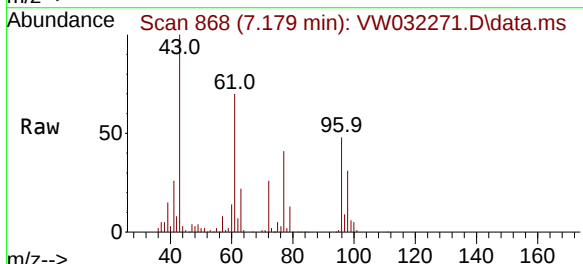
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

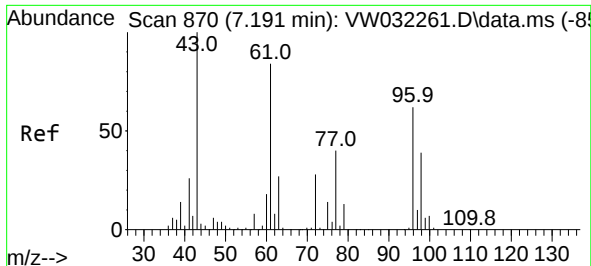
Tgt Ion: 43 Resp: 297231
Ion Ratio Lower Upper
43 100
72 26.8 22.3 33.5



#26
2,2-Dichloropropane
Concen: 56.035 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 77 Resp: 100665
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.707 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

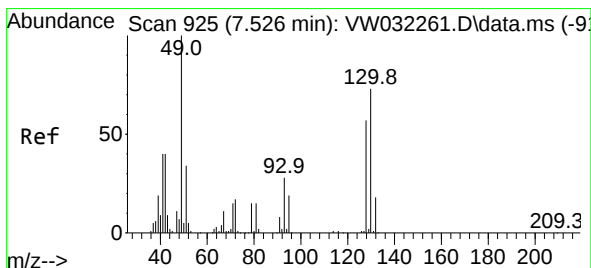
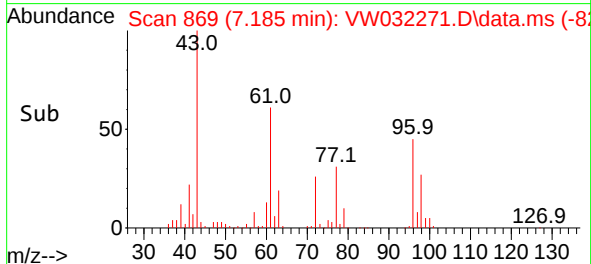
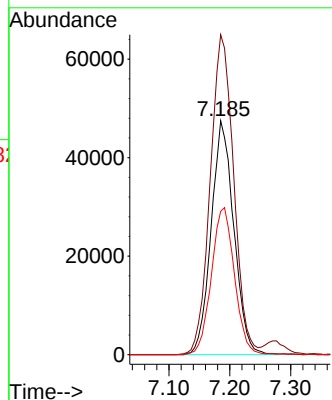
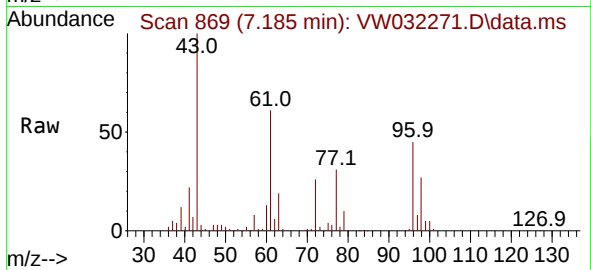
Tgt Ion: 96 Resp: 122869

Ion Ratio Lower Upper

96 100

61 141.3 0.0 281.8

98 63.9 0.0 130.8



#28

Bromochloromethane

Concen: 60.914 ug/l

RT: 7.526 min Scan# 925

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

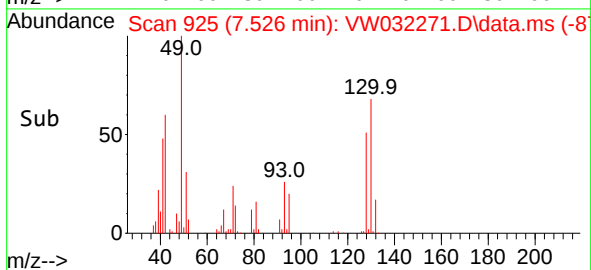
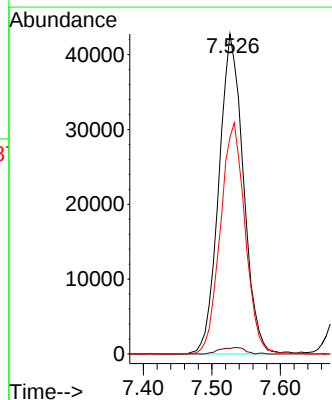
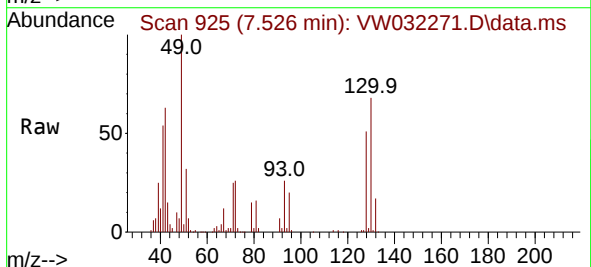
Tgt Ion: 49 Resp: 105965

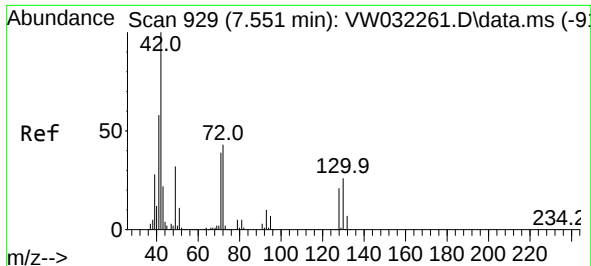
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 72.8 0.0 0.0#





#29

Tetrahydrofuran

Concen: 408.566 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

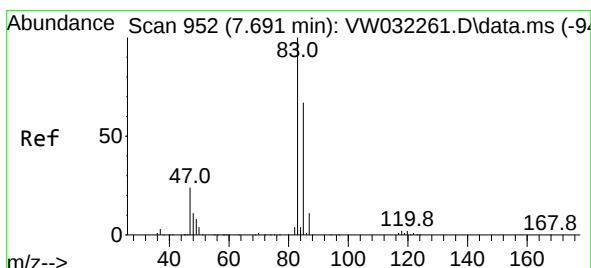
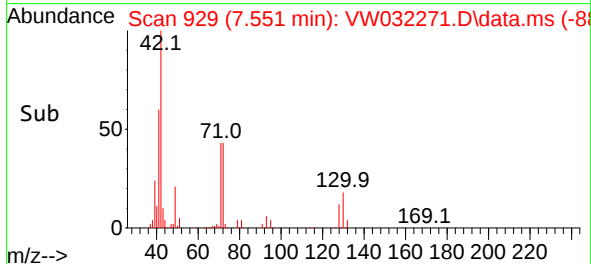
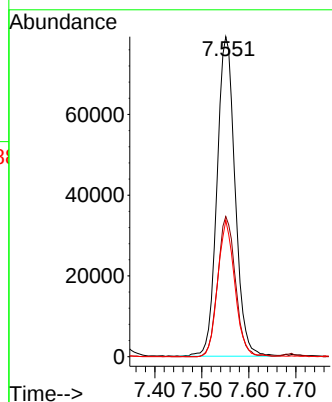
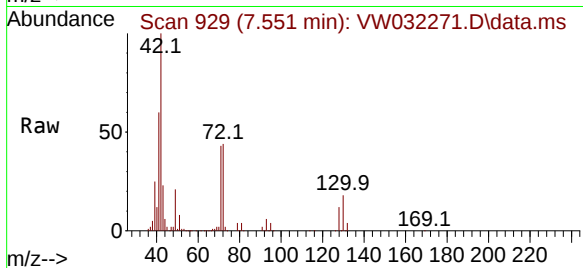
Tgt Ion: 42 Resp: 211385

Ion Ratio Lower Upper

42 100

72 43.4 35.1 52.7

71 40.6 33.3 49.9



#30

Chloroform

Concen: 56.695 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032271.D

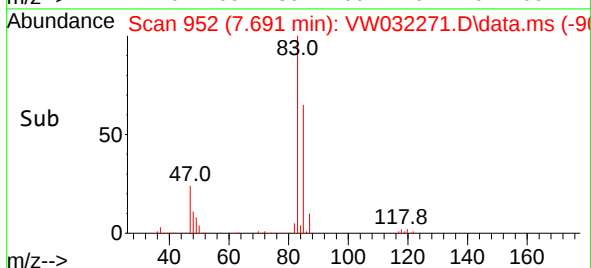
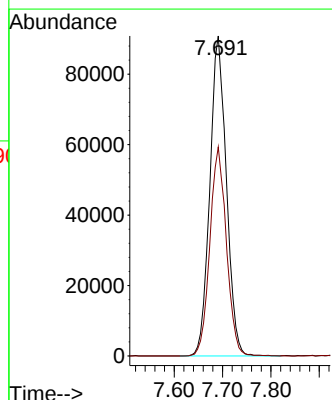
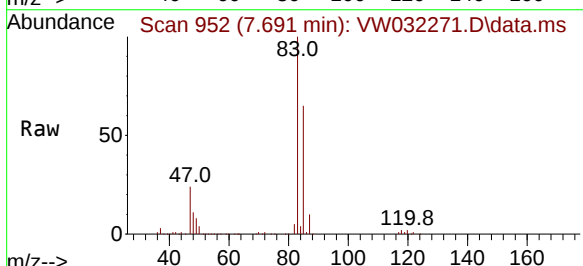
Acq: 26 Sep 2025 11:49

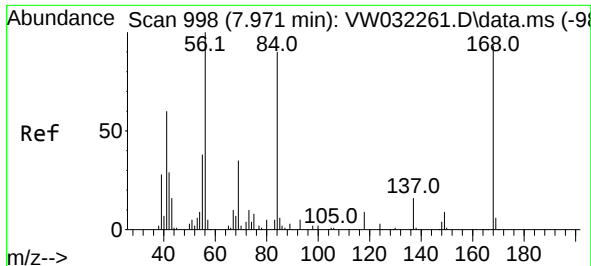
Tgt Ion: 83 Resp: 215651

Ion Ratio Lower Upper

83 100

85 65.3 53.3 79.9

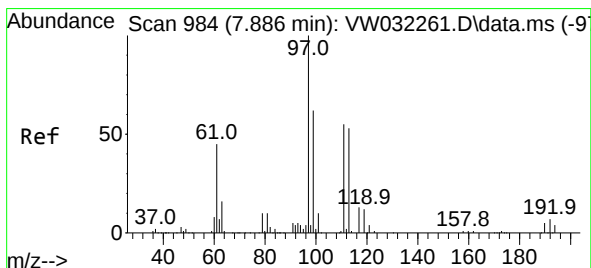
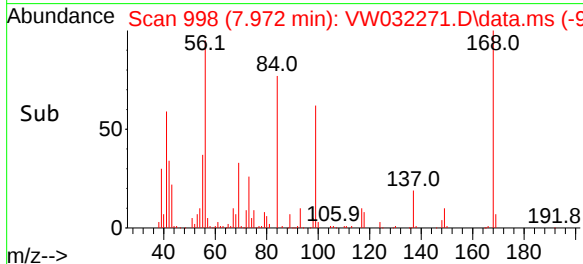
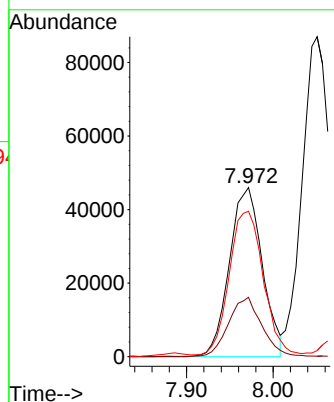
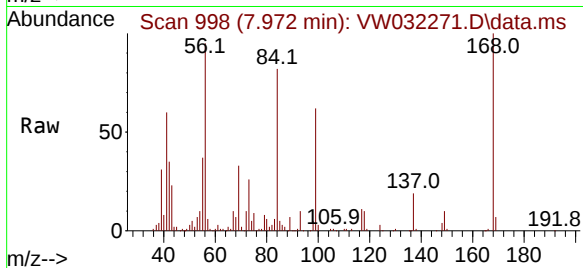




#31
Cyclohexane
Concen: 42.193 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

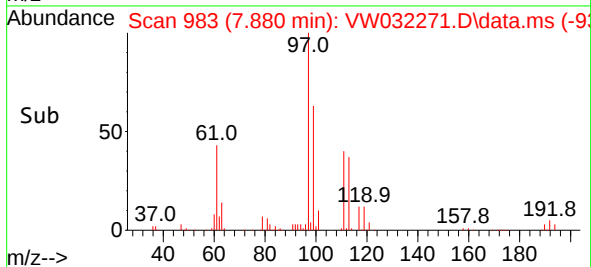
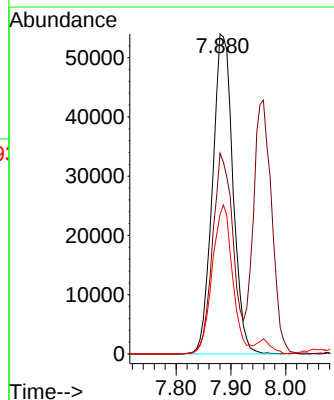
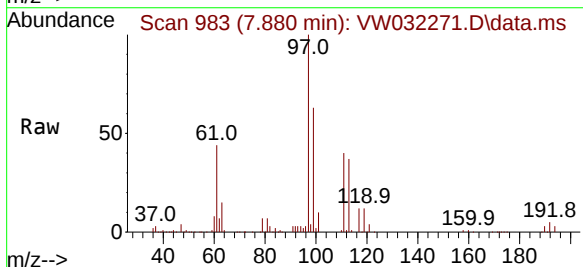
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

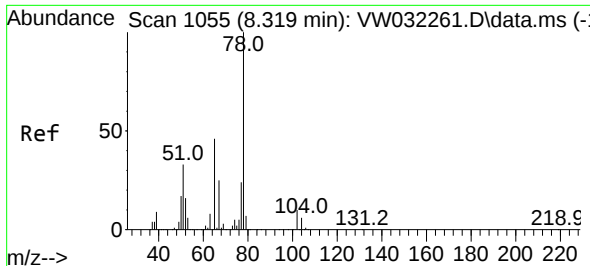
Tgt Ion: 56 Resp: 121292
Ion Ratio Lower Upper
56 100
69 34.9 28.2 42.2
84 84.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 54.599 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 97 Resp: 139910
Ion Ratio Lower Upper
97 100
99 62.8 50.6 76.0
61 46.6 36.2 54.4

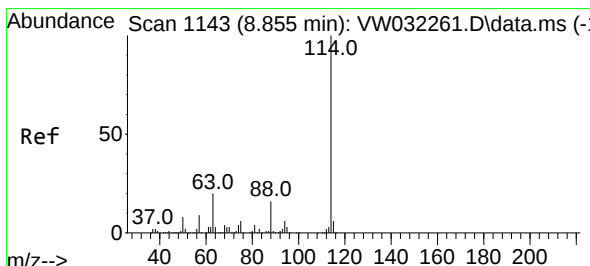
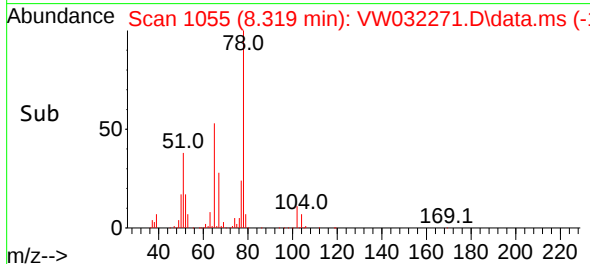
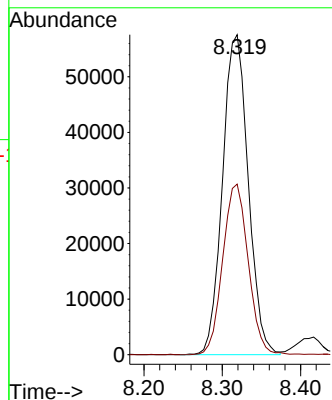
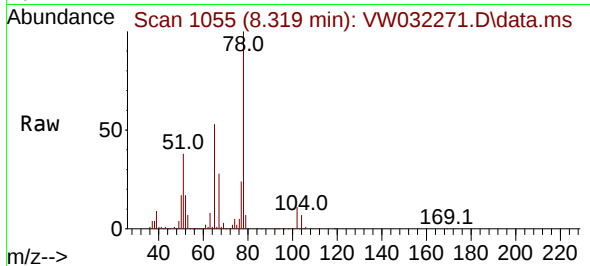




#33
 1,2-Dichloroethane-d4
 Concen: 58.994 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

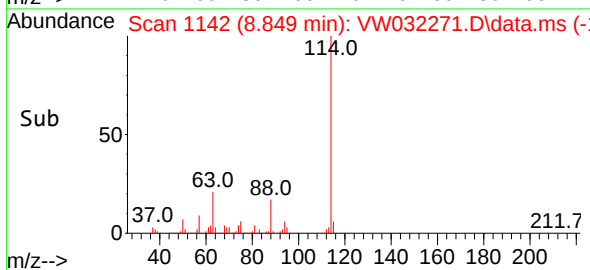
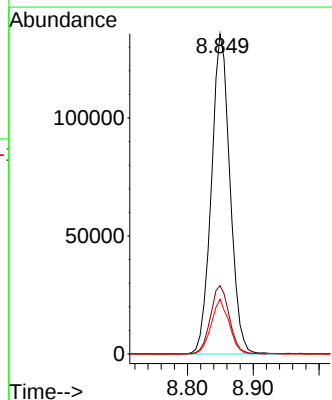
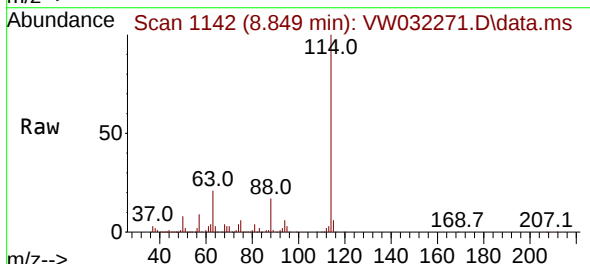
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MS

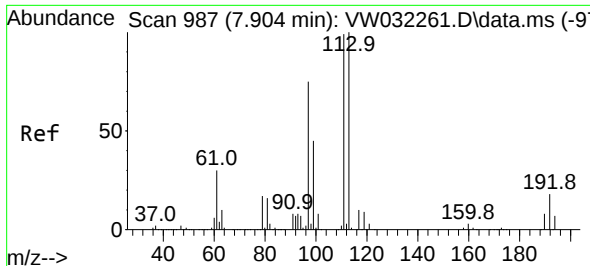
Tgt Ion: 65 Resp: 131342
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

Tgt Ion: 114 Resp: 266280
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 17.1 0.0 32.0

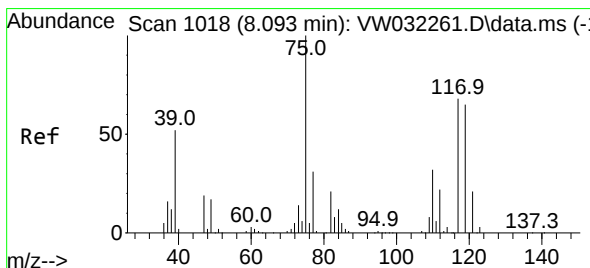
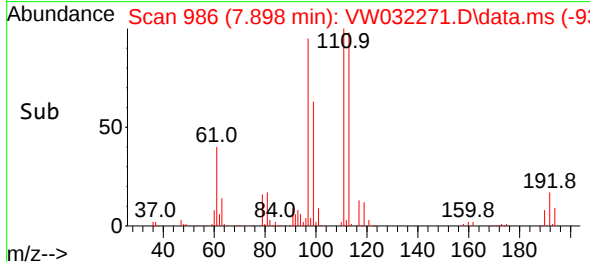
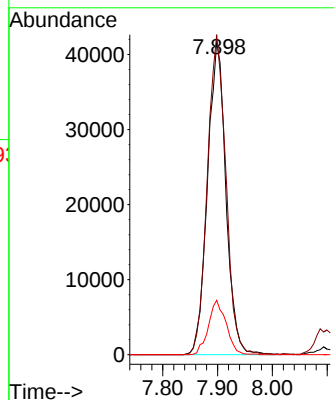
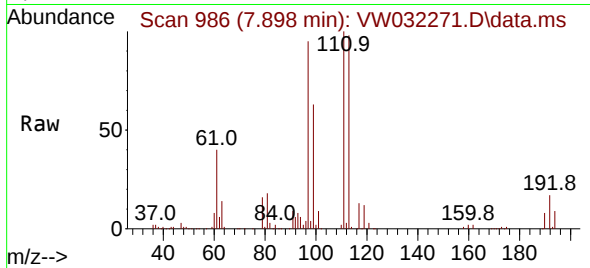




#35
 Dibromofluoromethane
 Concen: 50.679 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

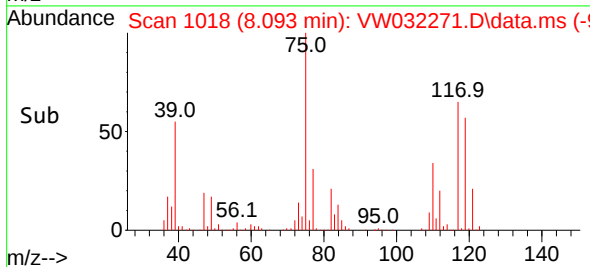
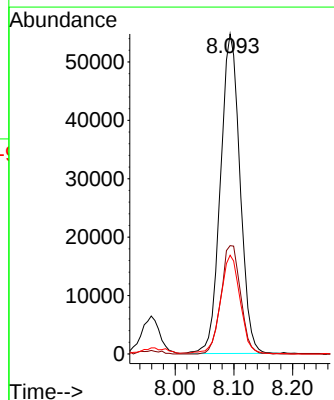
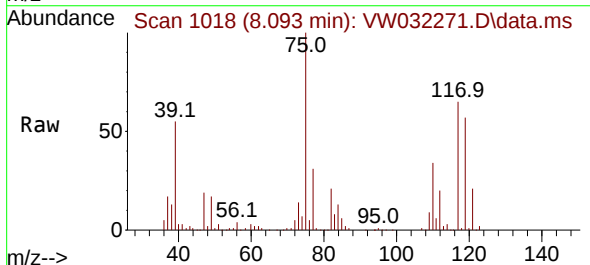
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MS

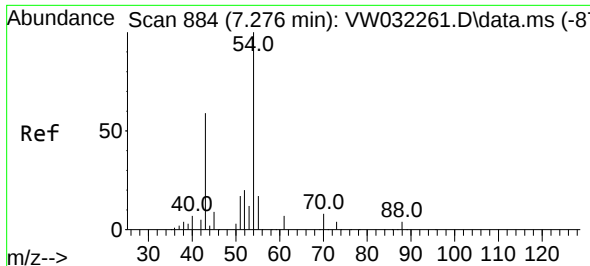
Tgt Ion:113 Resp: 97051
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 16.8 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 48.946 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

Tgt Ion: 75 Resp: 126371
 Ion Ratio Lower Upper
 75 100
 110 34.1 16.7 50.1
 77 31.0 25.2 37.8

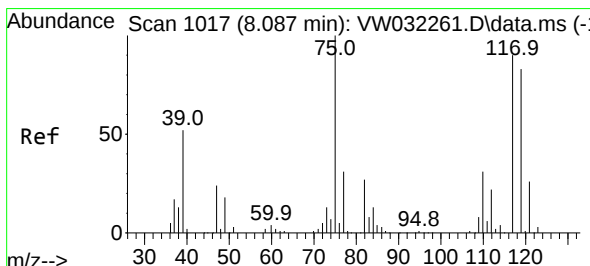
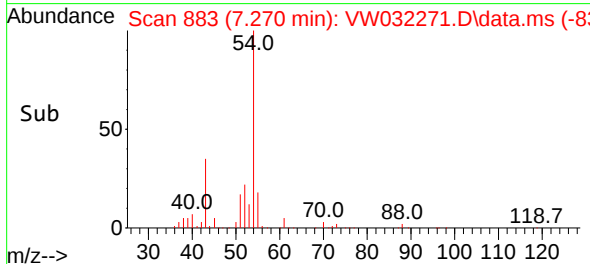
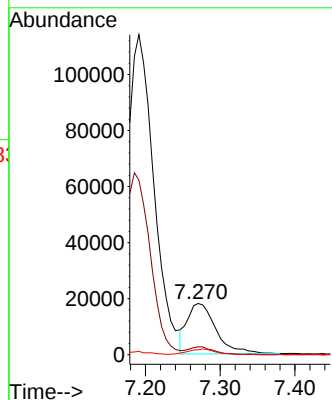
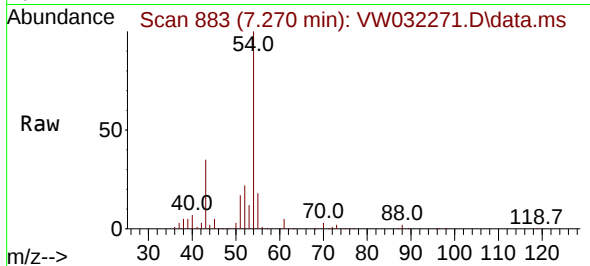




#37
Ethyl Acetate
Concen: 28.139 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

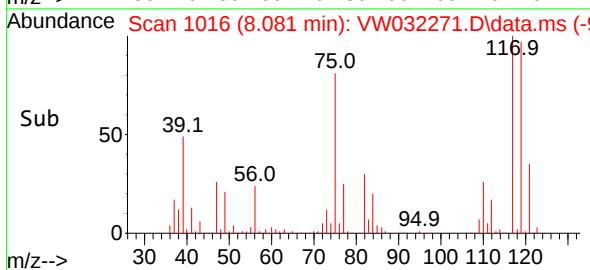
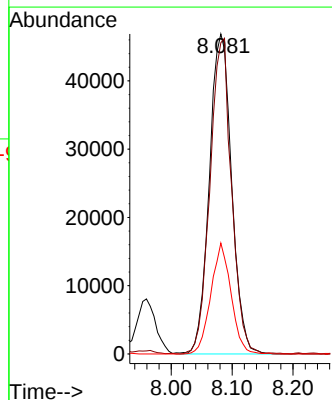
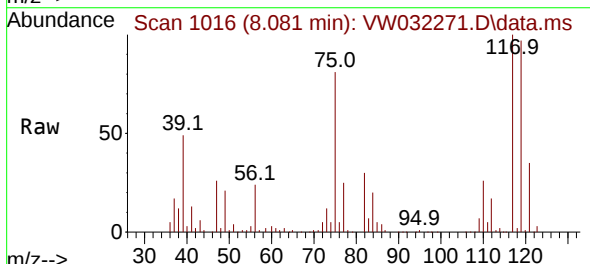
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

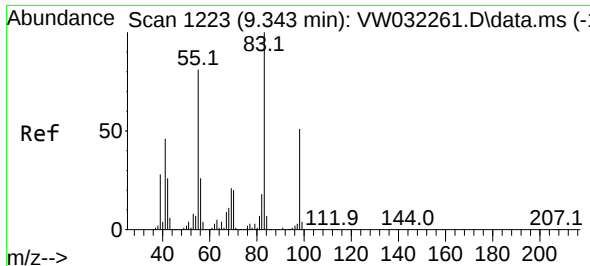
Tgt Ion: 43 Resp: 48182
Ion Ratio Lower Upper
43 100
61 13.0 10.5 15.7
70 11.1 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.078 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 117 Resp: 119212
Ion Ratio Lower Upper
117 100
119 97.3 73.9 110.9
121 34.7 23.0 34.6

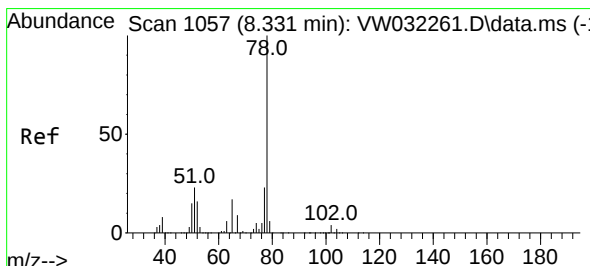
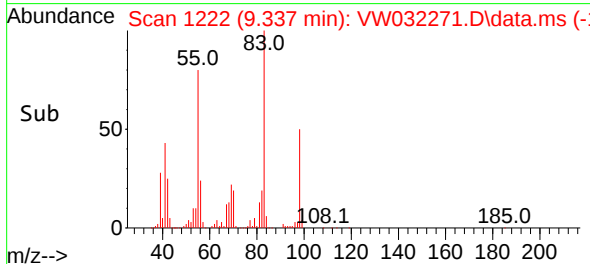
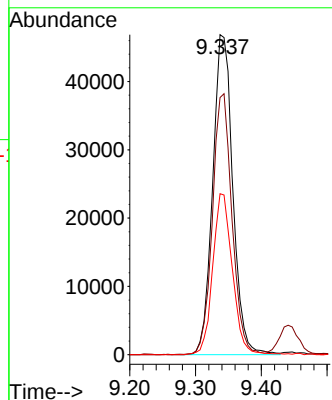
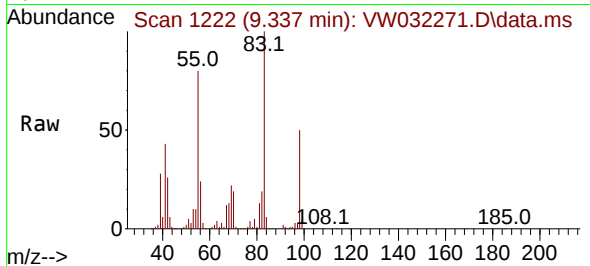




#39
Methylcyclohexane
Concen: 33.434 ug/l
RT: 9.337 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

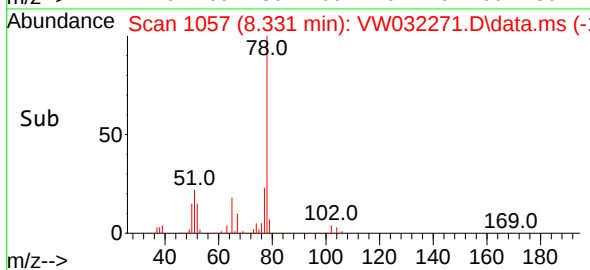
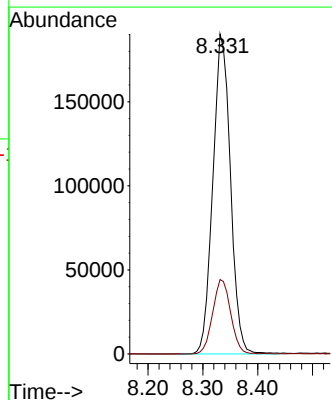
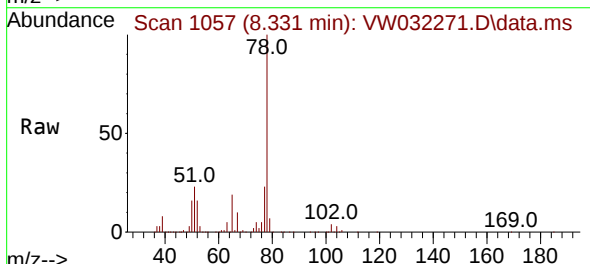
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

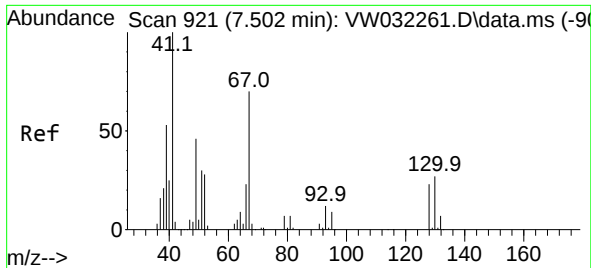
Tgt Ion:	83	Resp:	99881
Ion	Ratio	Lower	Upper
83	100		
55	80.2	65.0	97.6
98	50.3	40.8	61.2



#40
Benzene
Concen: 52.146 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:	78	Resp:	423776
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.7	28.1

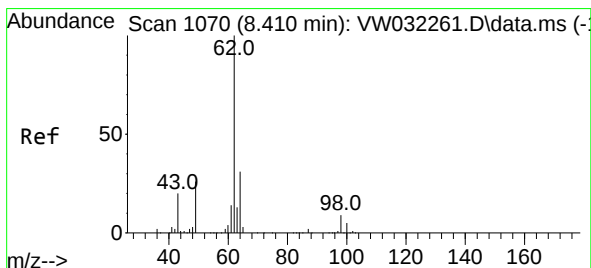
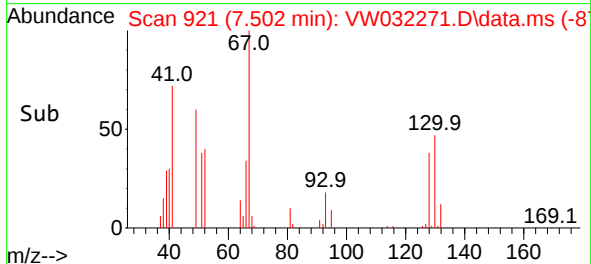
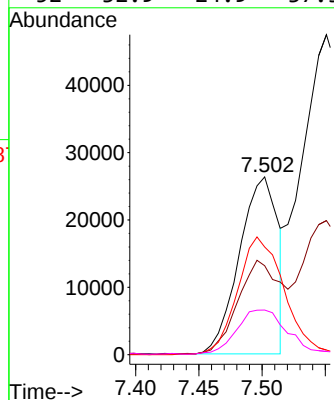
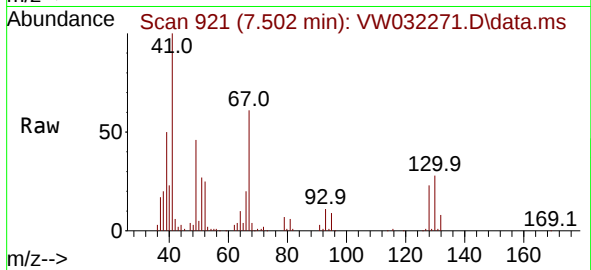




#41
Methacrylonitrile
Concen: 56.883 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

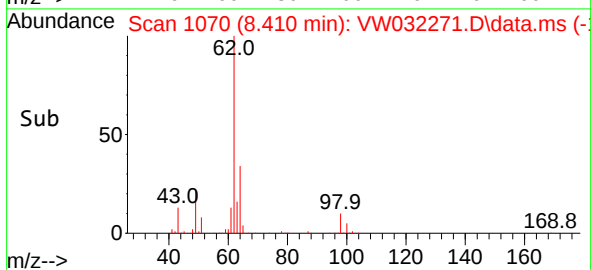
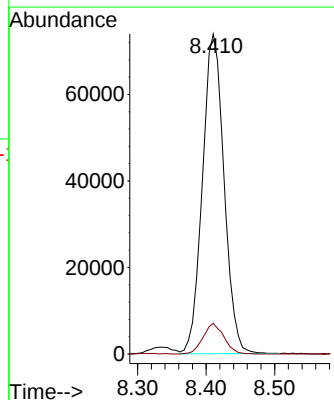
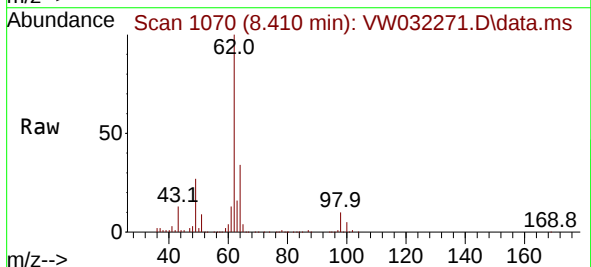
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

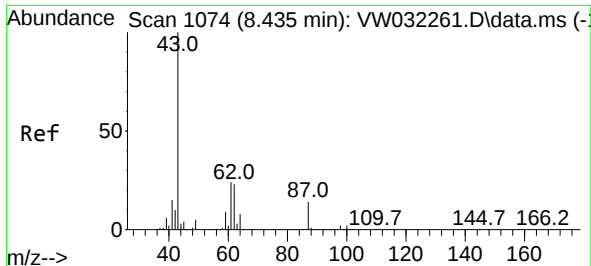
Tgt Ion:	41	Resp:	55784
Ion	Ratio	Lower	Upper
41	100		
39	61.6	46.9	70.3
67	81.5	59.0	88.4
52	32.9	24.9	37.3



#42
1,2-Dichloroethane
Concen: 59.988 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:	62	Resp:	162045
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

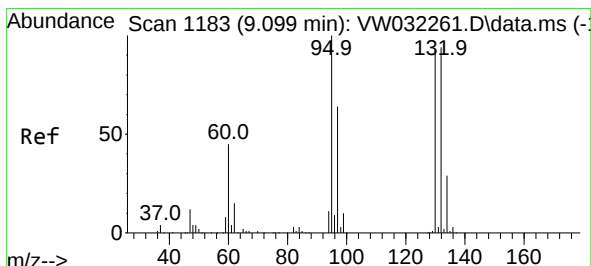
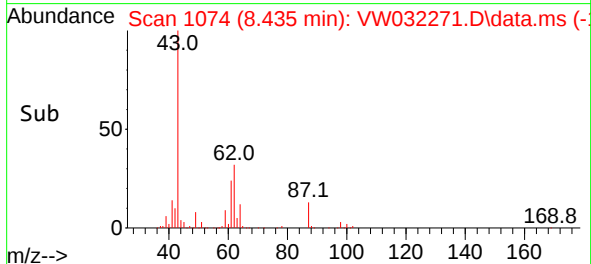
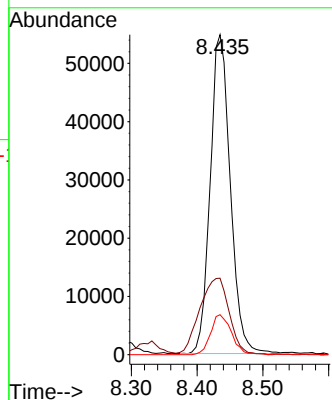
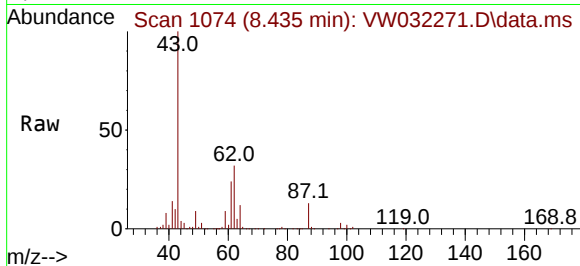




#43
Isopropyl Acetate
Concen: 37.991 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

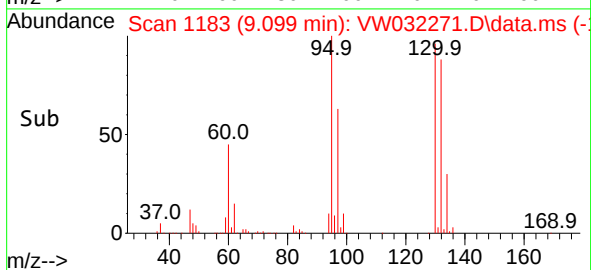
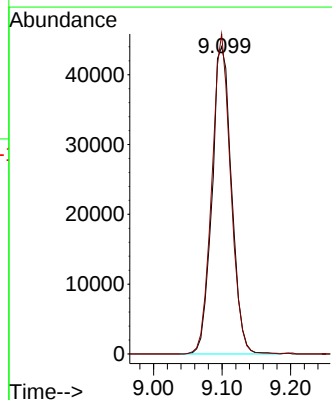
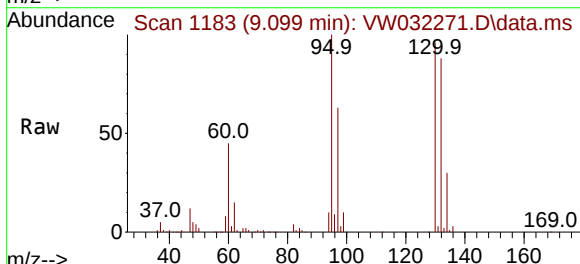
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

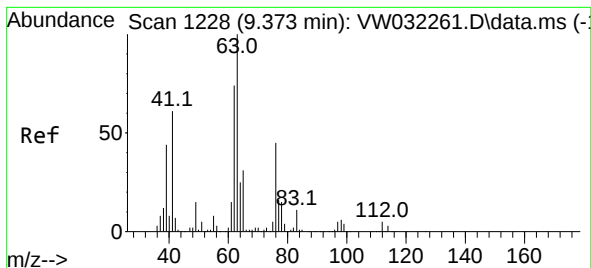
Tgt Ion: 43 Resp: 116448
Ion Ratio Lower Upper
43 100
61 35.2 24.2 36.2
87 13.0 10.6 16.0



#44
Trichloroethene
Concen: 45.866 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:130 Resp: 87125
Ion Ratio Lower Upper
130 100
95 104.1 0.0 215.2





#45

1,2-Dichloropropane

Concen: 53.524 ug/l

RT: 9.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

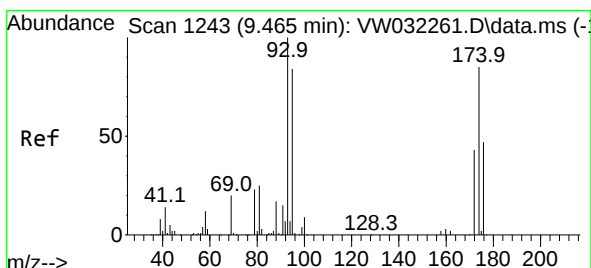
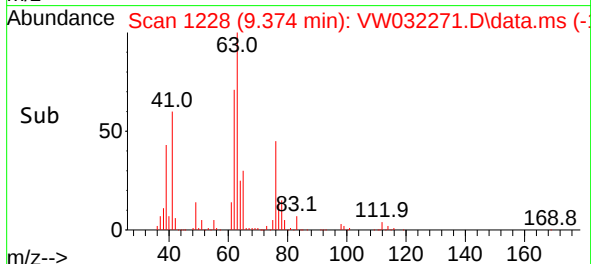
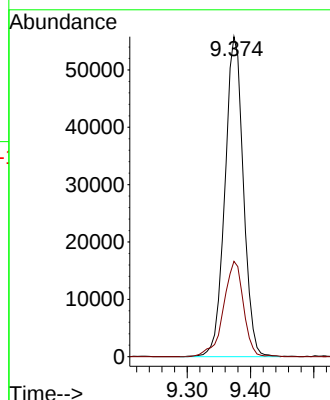
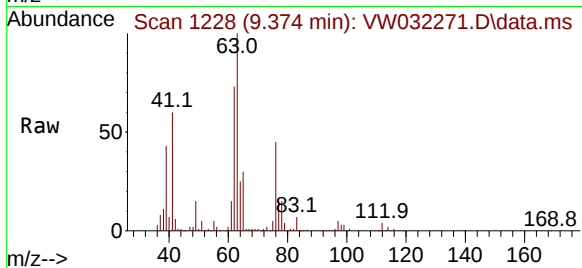
EME-TS14-01MS

Tgt Ion: 63 Resp: 112658

Ion Ratio Lower Upper

63 100

65 29.8 24.9 37.3



#46

Dibromomethane

Concen: 57.550 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

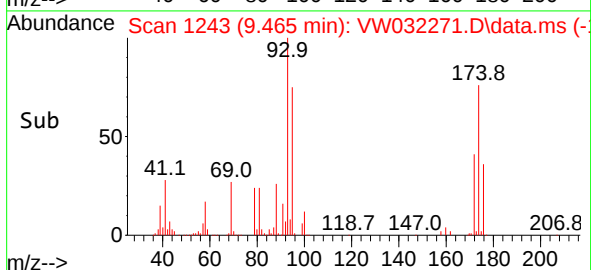
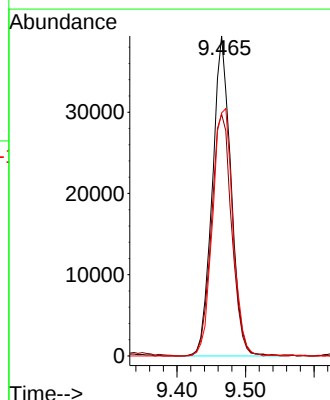
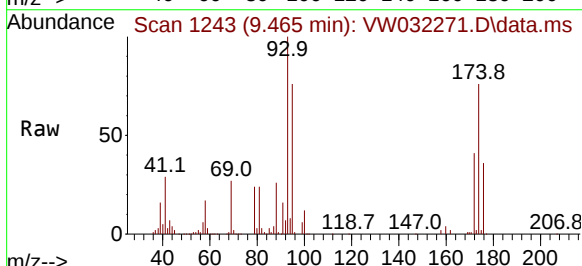
Tgt Ion: 93 Resp: 74475

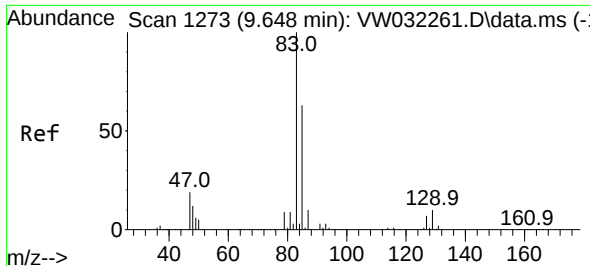
Ion Ratio Lower Upper

93 100

95 81.9 66.6 99.8

174 84.1 69.0 103.6

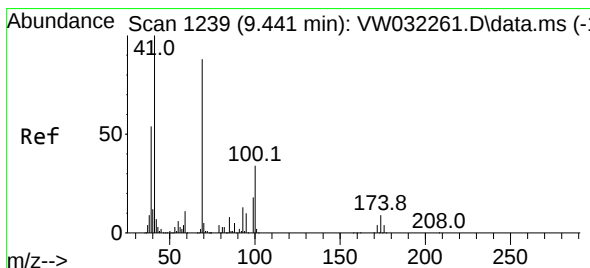
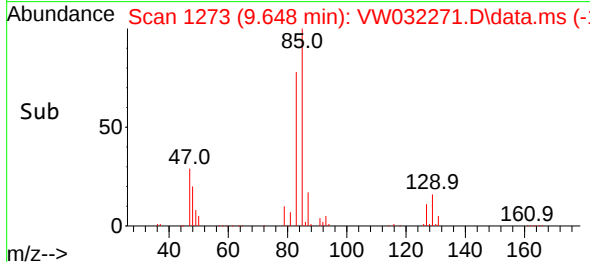
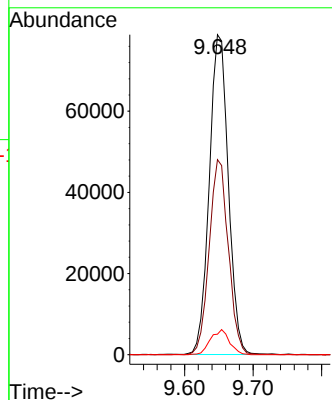
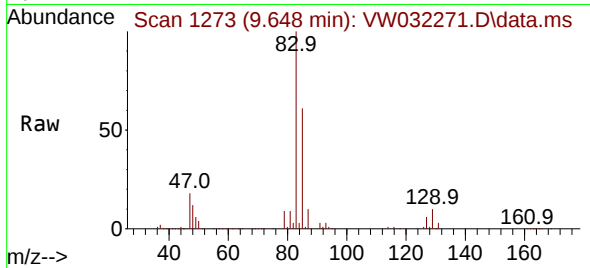




#47
Bromodichloromethane
Concen: 51.452 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

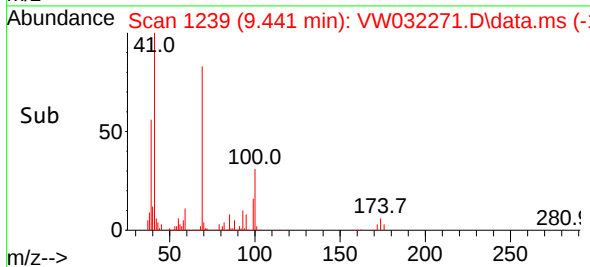
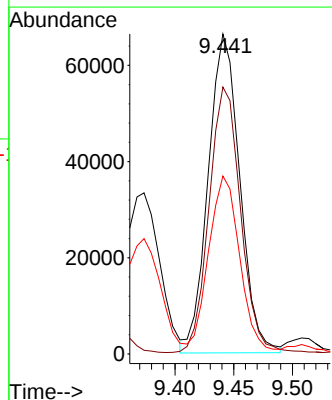
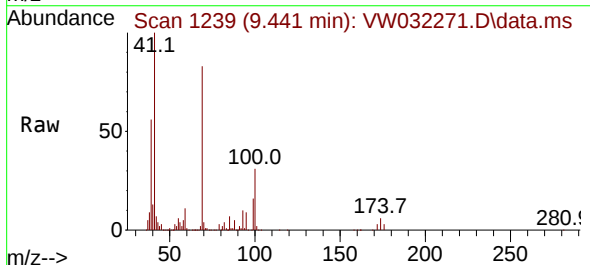
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

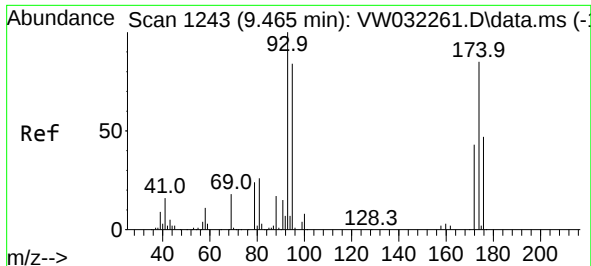
Tgt Ion: 83 Resp: 151865
Ion Ratio Lower Upper
83 100
85 61.0 50.3 75.5
127 6.4 5.6 8.4



#48
Methyl methacrylate
Concen: 86.067 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 41 Resp: 124110
Ion Ratio Lower Upper
41 100
69 83.2 71.4 107.0
39 54.8 46.9 70.3

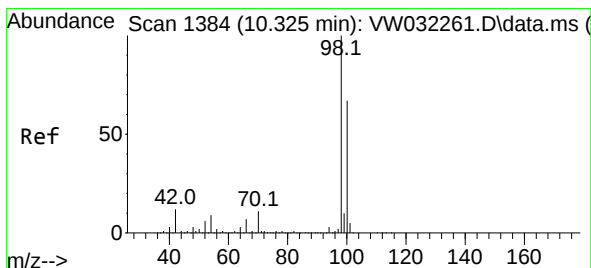
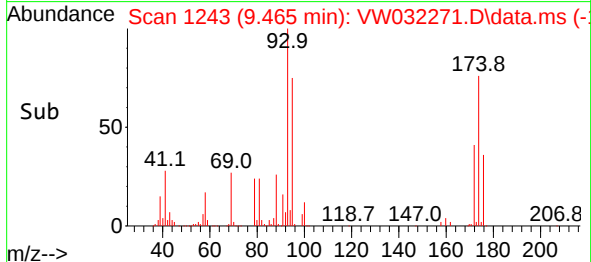
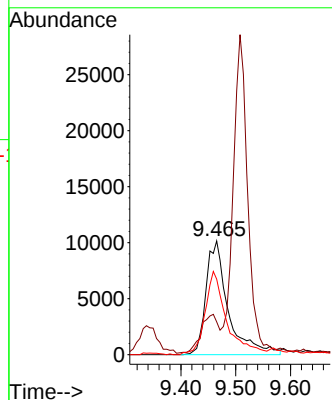
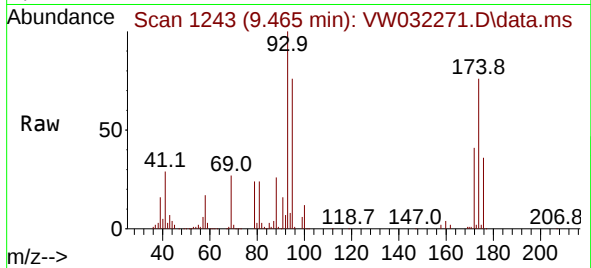




#49
1,4-Dioxane
Concen: 1650.441 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

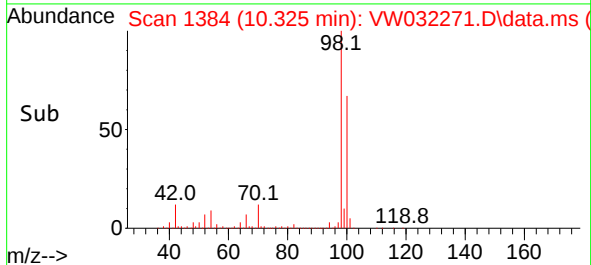
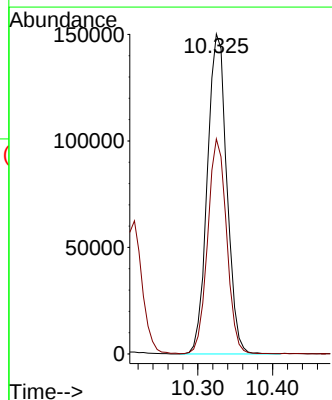
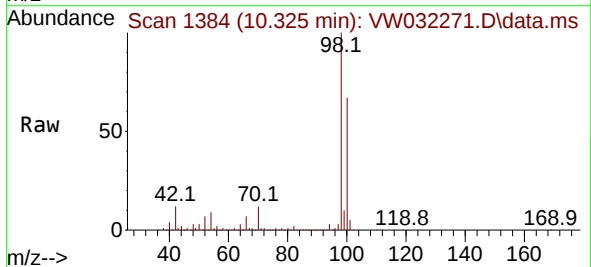
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

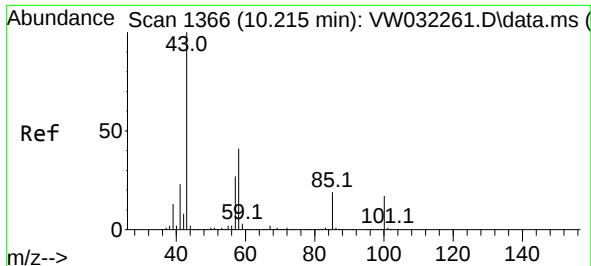
Tgt Ion: 88 Resp: 28605
Ion Ratio Lower Upper
88 100
43 25.9 0.0 0.0#
58 70.7 62.9 94.3



#50
Toluene-d8
Concen: 39.423 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 98 Resp: 272086
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4

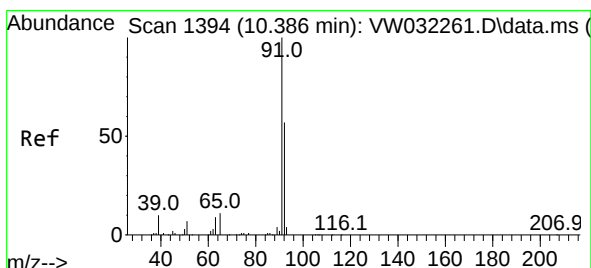
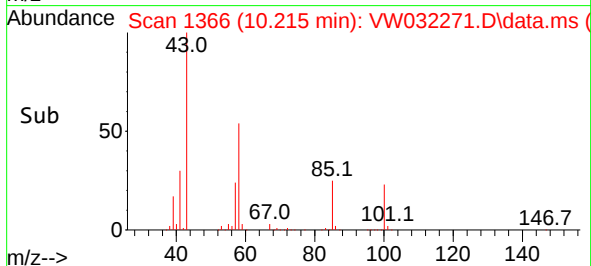
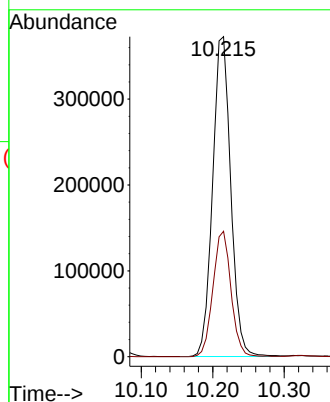
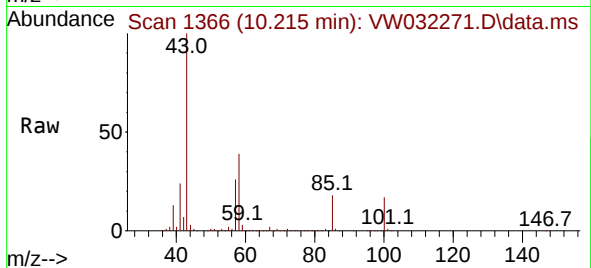




#51
4-Methyl-2-Pentanone
Concen: 361.151 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

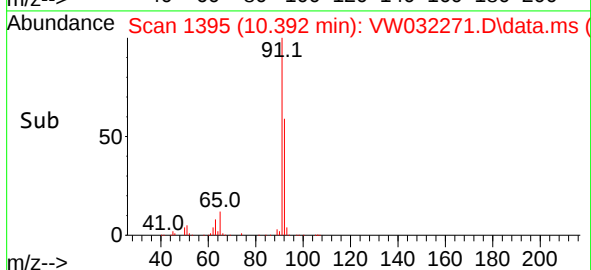
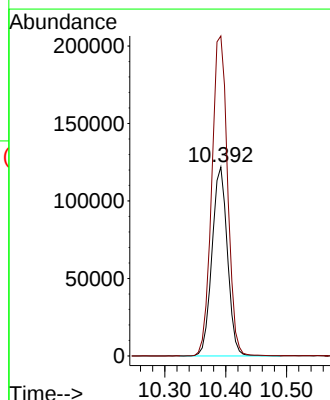
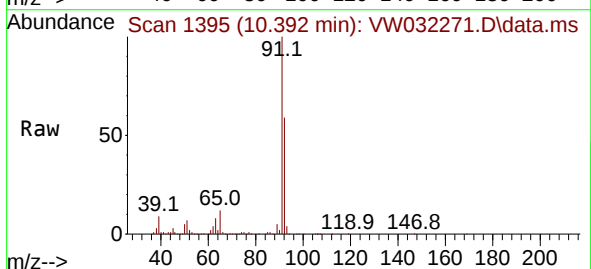
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

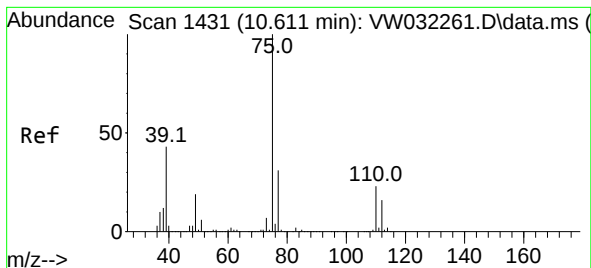
Tgt Ion: 43 Resp: 656336
Ion Ratio Lower Upper
43 100
58 39.1 32.3 48.5



#52
Toluene
Concen: 42.519 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 92 Resp: 214169
Ion Ratio Lower Upper
92 100
91 174.1 139.2 208.8

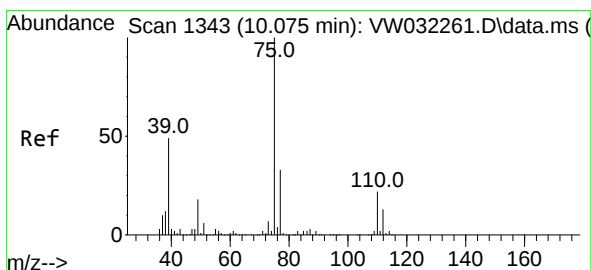
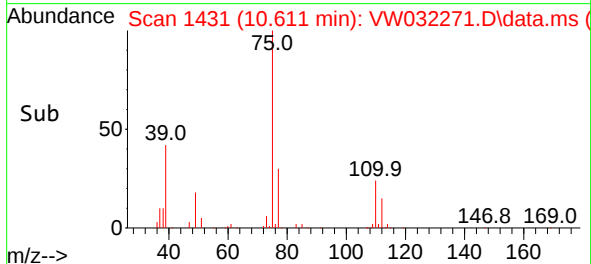
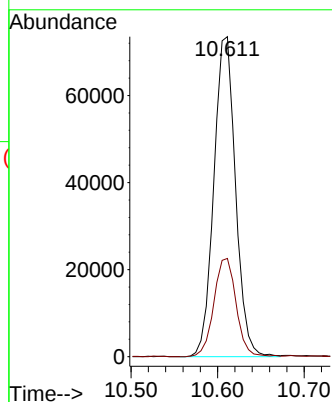
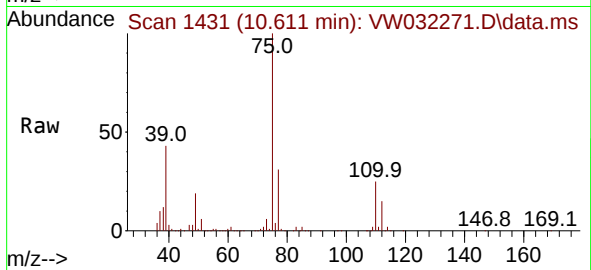




#53
t-1,3-Dichloropropene
Concen: 47.329 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

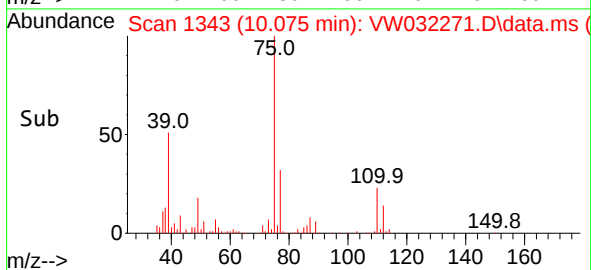
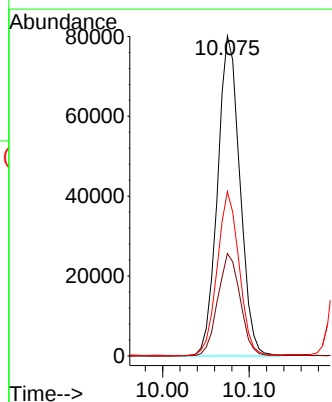
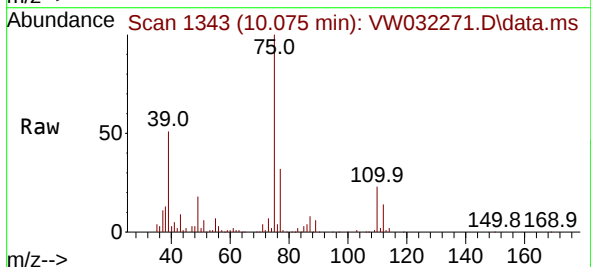
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

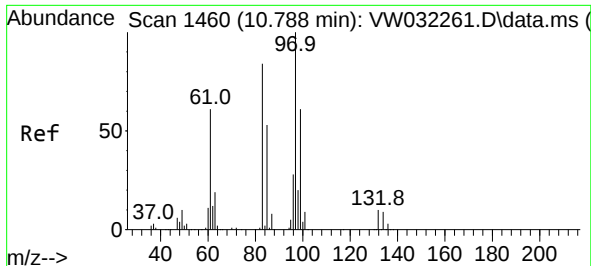
Tgt Ion: 75 Resp: 127989
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 45.987 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 75 Resp: 143573
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4
39 51.2 39.0 58.6





#55

1,1,2-Trichloroethane

Concen: 54.119 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

Tgt Ion: 97 Resp: 95597

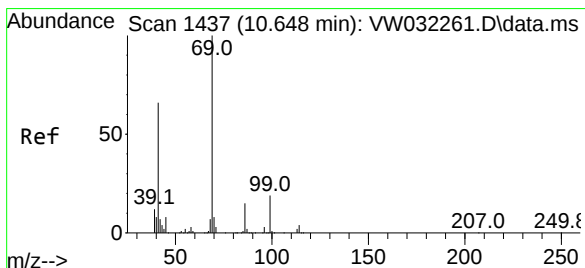
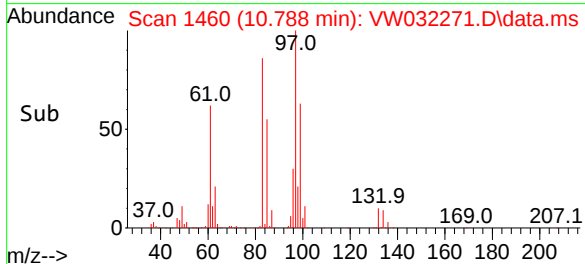
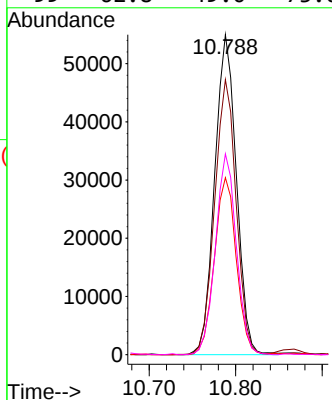
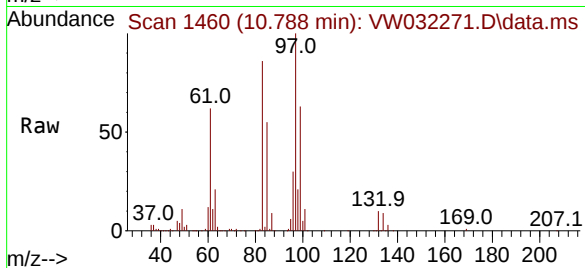
Ion Ratio Lower Upper

97 100

83 85.8 67.4 101.2

85 55.3 42.0 63.0

99 62.8 49.0 73.6



#56

Ethyl methacrylate

Concen: 19.741 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

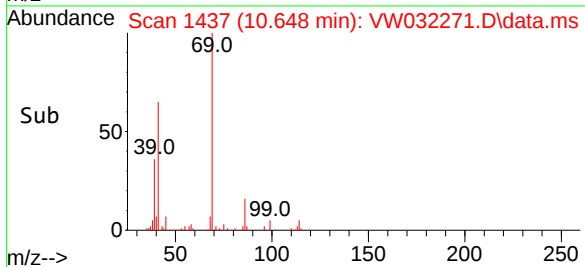
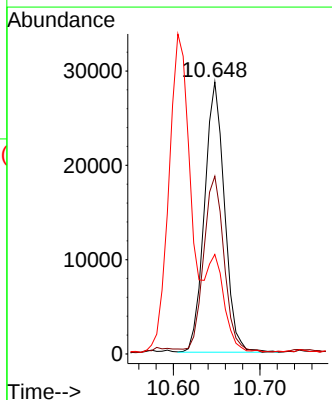
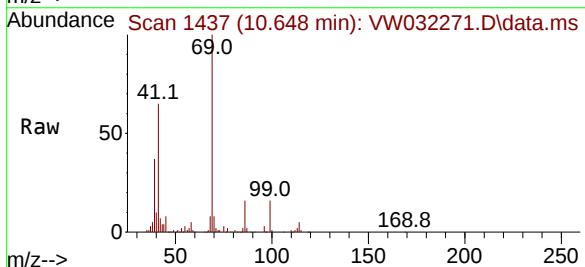
Tgt Ion: 69 Resp: 45933

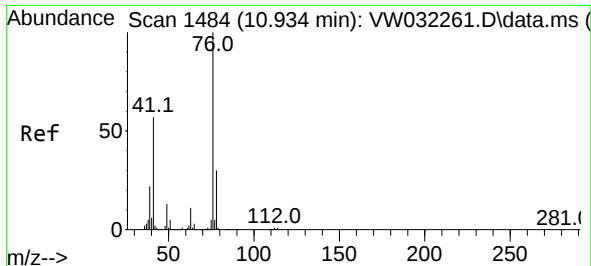
Ion Ratio Lower Upper

69 100

41 66.1 54.7 82.1

39 29.5 26.3 39.5





#57

1,3-Dichloropropane

Concen: 55.861 ug/l

RT: 10.928 min Scan# 1484

Delta R.T. -0.006 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

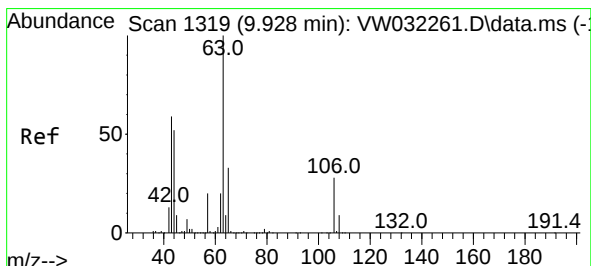
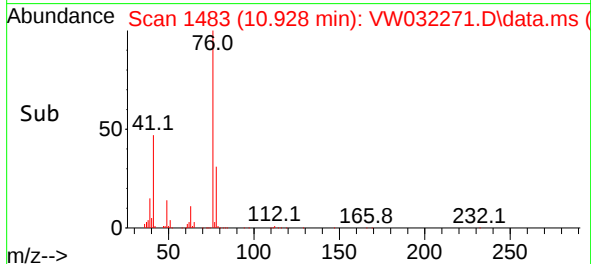
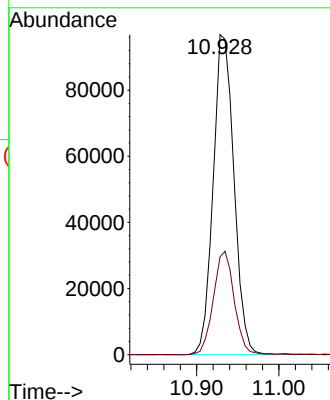
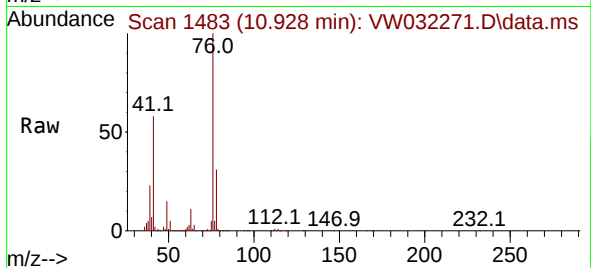
EME-TS14-01MS

Tgt Ion: 76 Resp: 170464

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 322.877 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032271.D

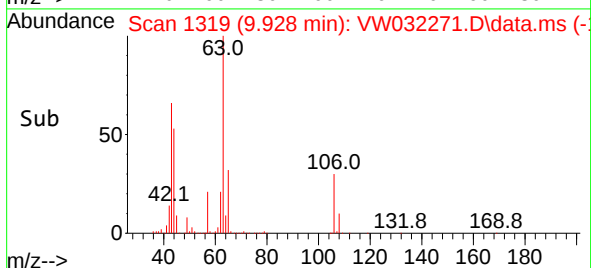
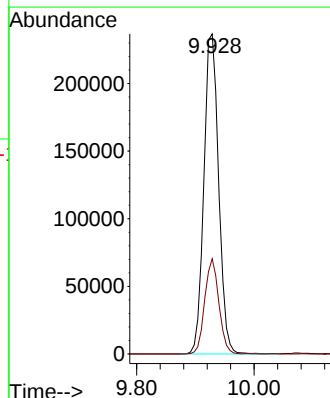
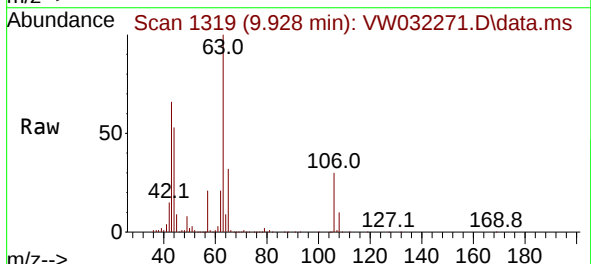
Acq: 26 Sep 2025 11:49

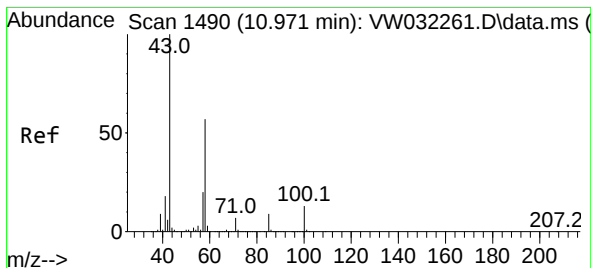
Tgt Ion: 63 Resp: 412400

Ion Ratio Lower Upper

63 100

106 28.4 22.5 33.7

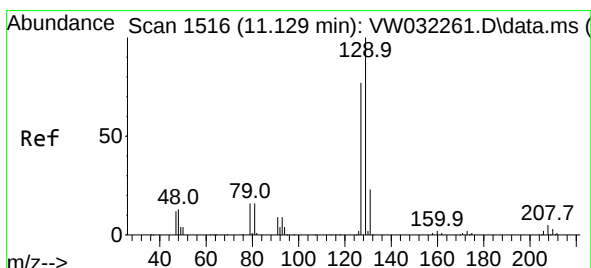
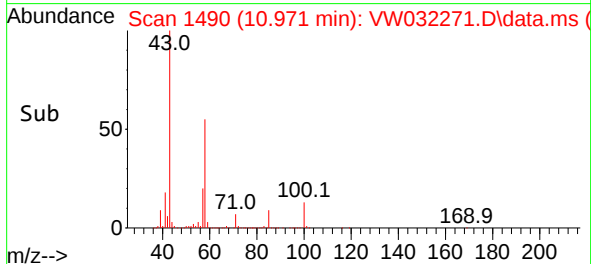
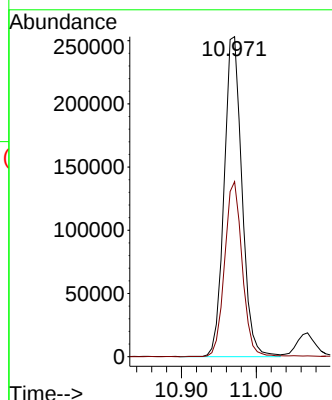
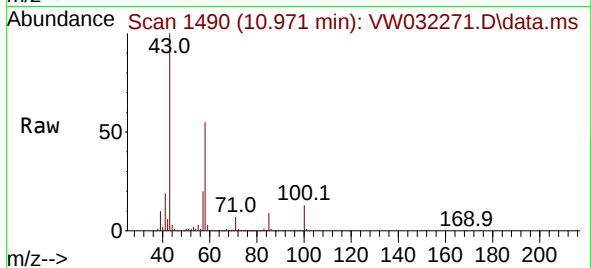




#59
2-Hexanone
Concen: 338.987 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

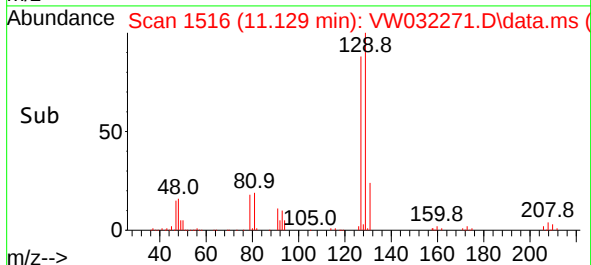
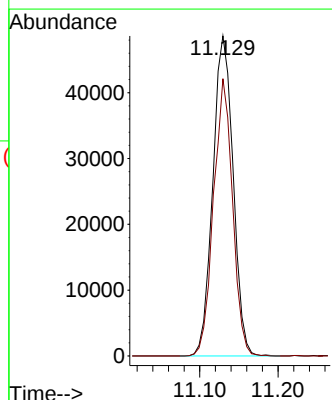
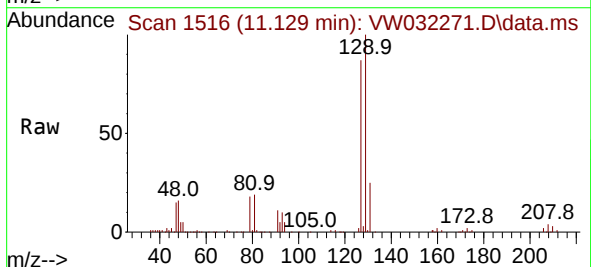
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

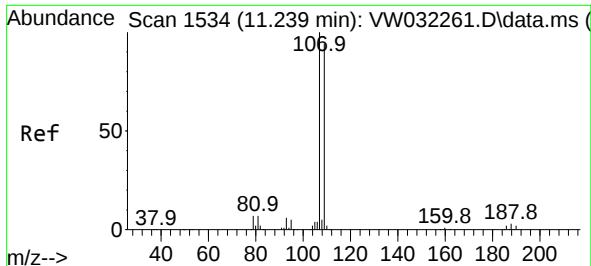
Tgt Ion: 43 Resp: 420700
Ion Ratio Lower Upper
43 100
58 54.0 27.9 83.6



#60
Dibromochloromethane
Concen: 45.105 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 129 Resp: 87500
Ion Ratio Lower Upper
129 100
127 81.2 39.3 117.8

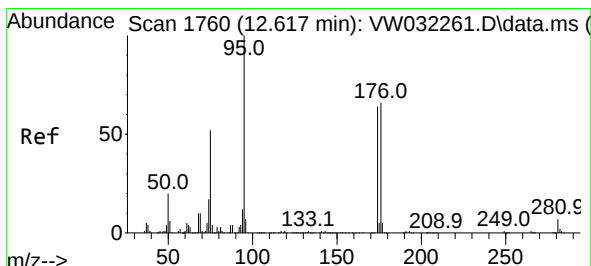
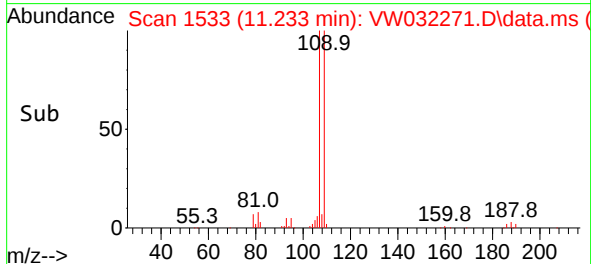
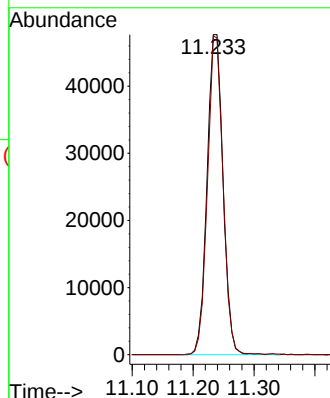
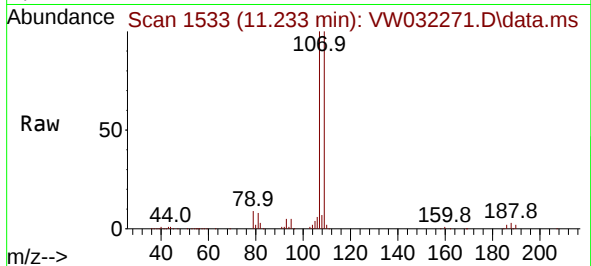




#61
1,2-Dibromoethane
Concen: 51.894 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

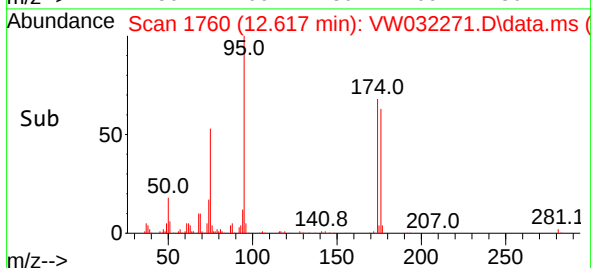
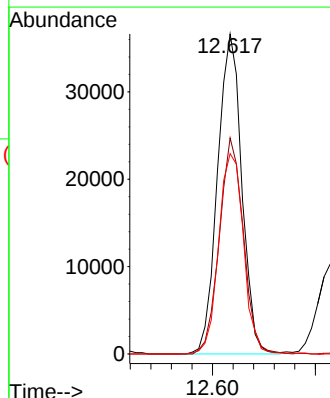
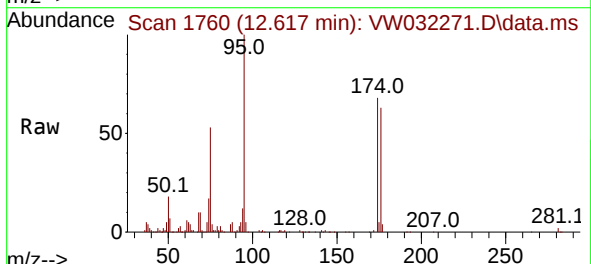
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MSVOA_W
ClientSampleId :
EME-TS14-01MS

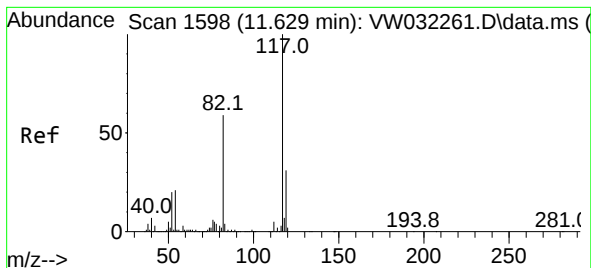
Tgt Ion:107 Resp: 86844
Ion Ratio Lower Upper
107 100
109 95.9 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 22.994 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 95 Resp: 59860
Ion Ratio Lower Upper
95 100
174 66.9 0.0 130.6
176 64.1 0.0 127.0

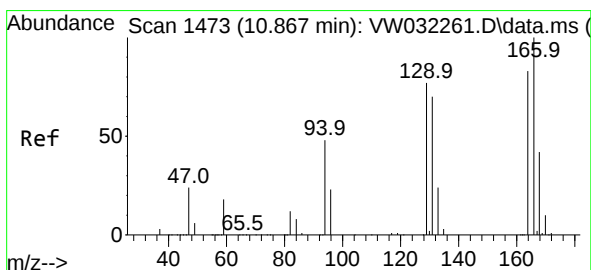
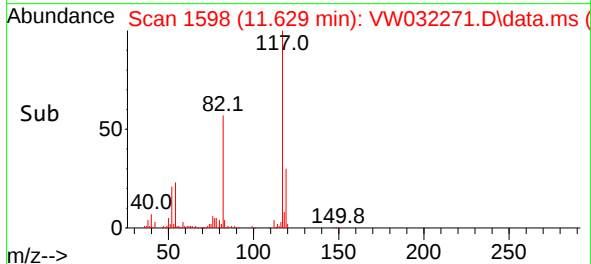
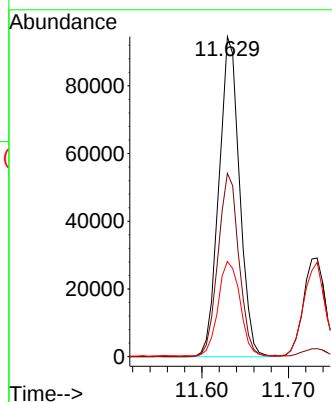
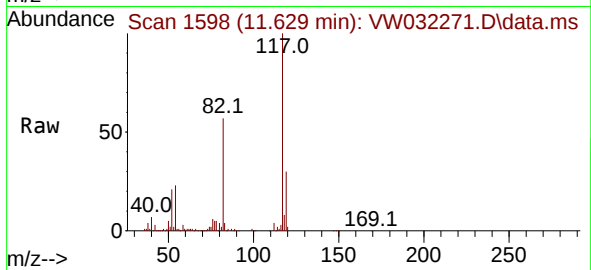




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

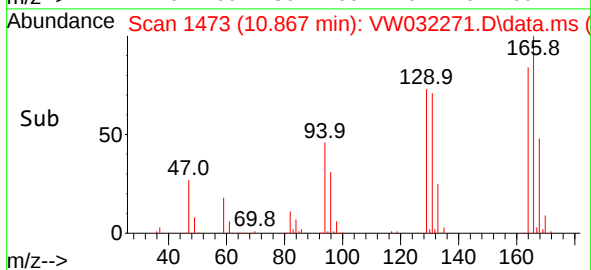
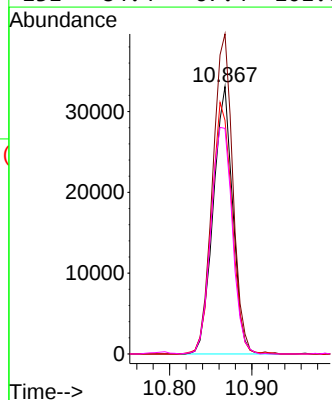
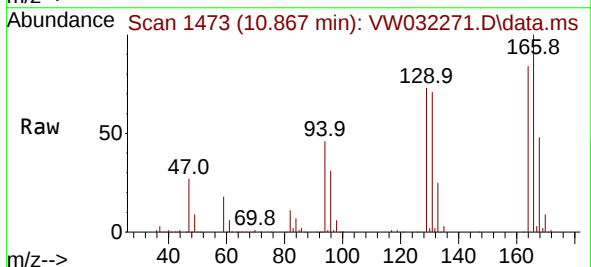
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

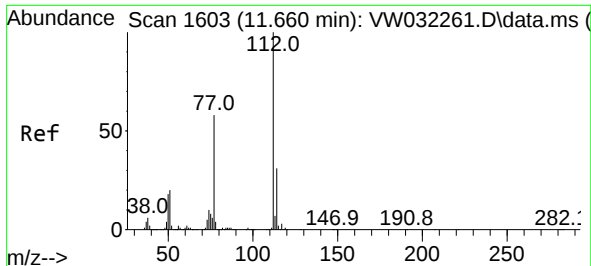
Tgt Ion:117 Resp: 156298
Ion Ratio Lower Upper
117 100
82 57.3 46.9 70.3
119 29.5 24.9 37.3



#64
Tetrachloroethene
Concen: 57.282 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:164 Resp: 54561
Ion Ratio Lower Upper
164 100
166 119.7 96.9 145.3
129 87.4 75.0 112.4
131 84.4 67.4 101.0

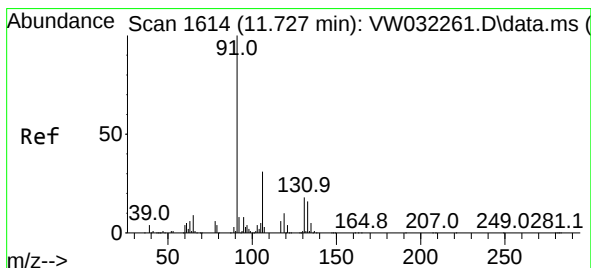
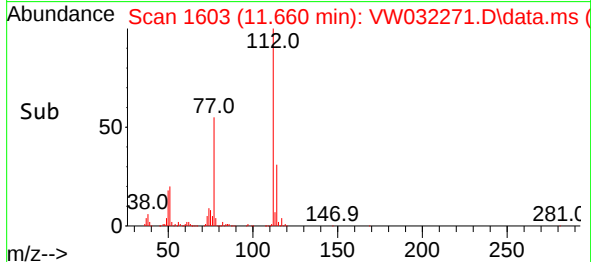
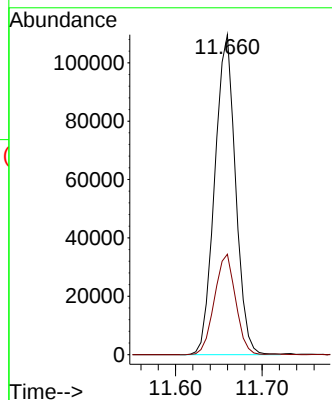
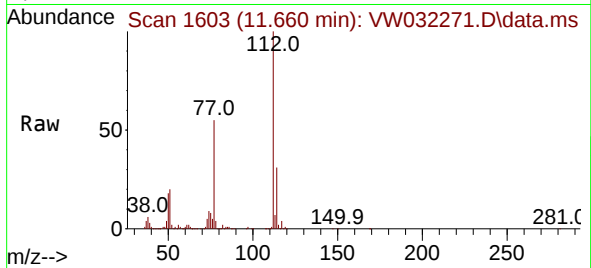




#65
Chlorobenzene
Concen: 50.825 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

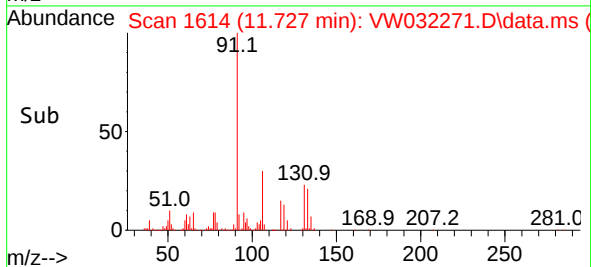
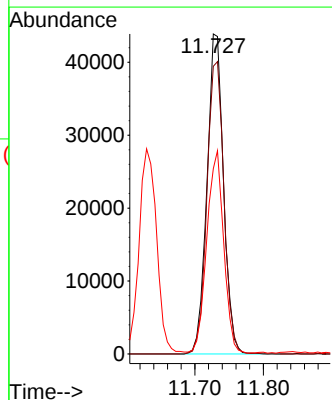
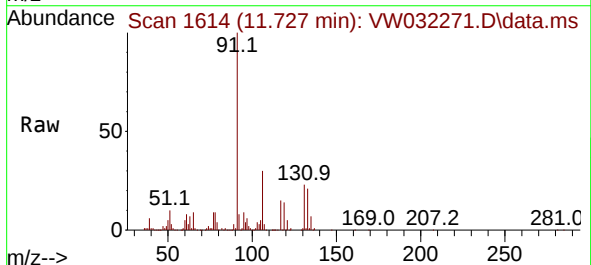
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

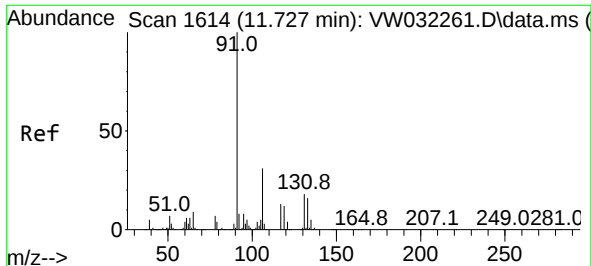
Tgt Ion:112 Resp: 182983
Ion Ratio Lower Upper
112 100
114 31.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 64.855 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:131 Resp: 73843
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.3
119 64.2 33.9 101.7





#67

Ethyl Benzene

Concen: 52.954 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

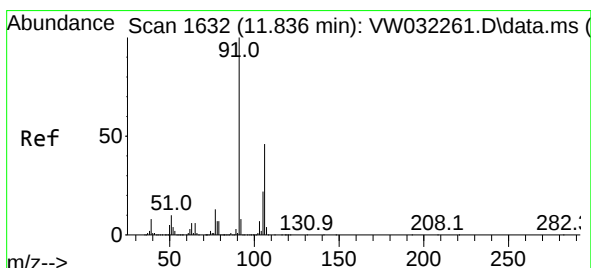
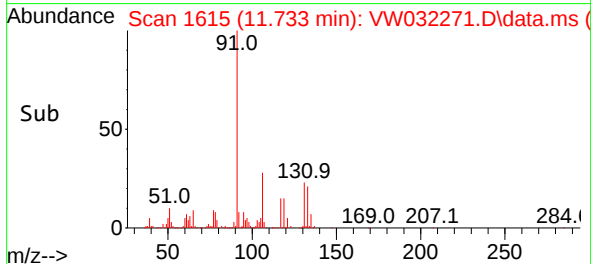
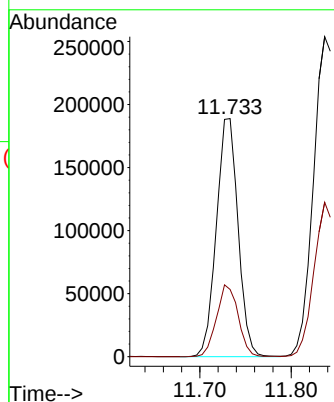
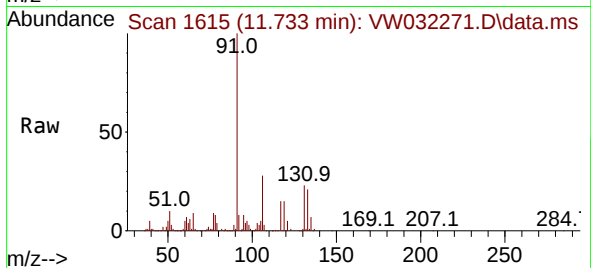
EME-TS14-01MS

Tgt Ion: 91 Resp: 312051

Ion Ratio Lower Upper

91 100

106 28.2 24.7 37.1



#68

m/p-Xylenes

Concen: 100.795 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032271.D

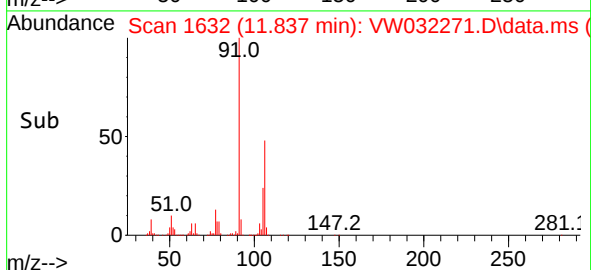
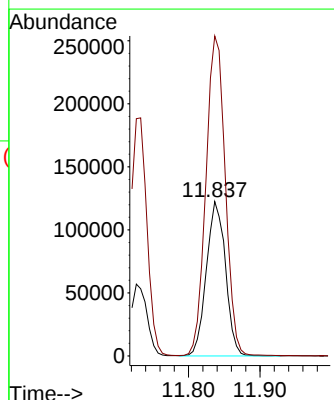
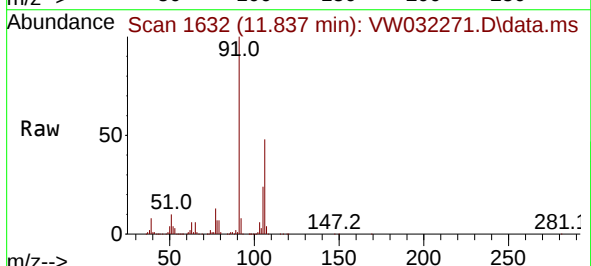
Acq: 26 Sep 2025 11:49

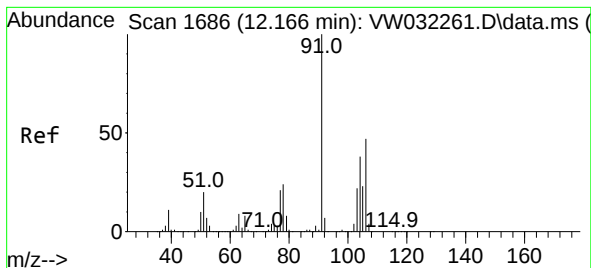
Tgt Ion:106 Resp: 227693

Ion Ratio Lower Upper

106 100

91 210.1 169.0 253.4

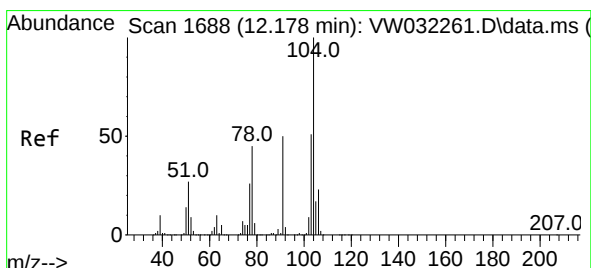
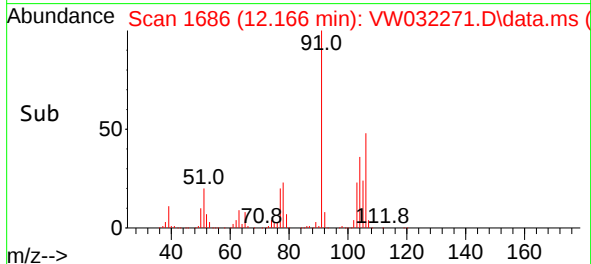
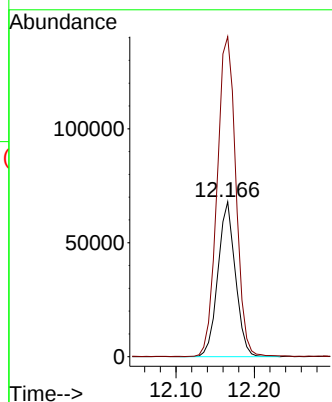
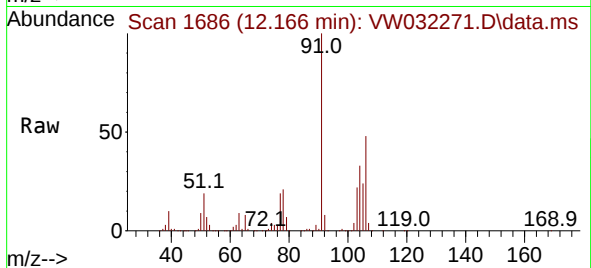




#69
o-Xylene
Concen: 49.686 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

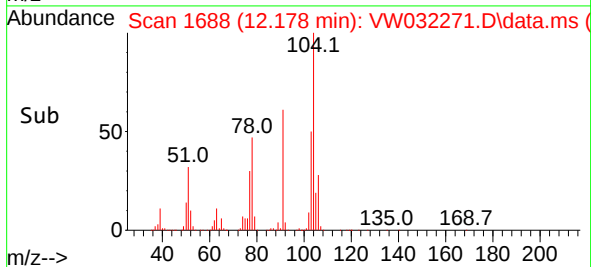
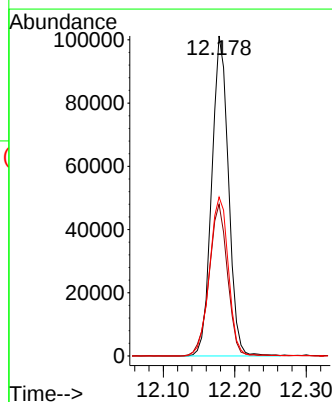
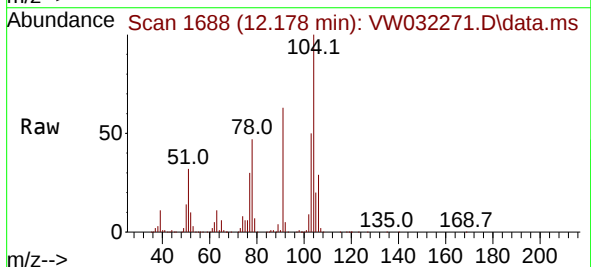
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

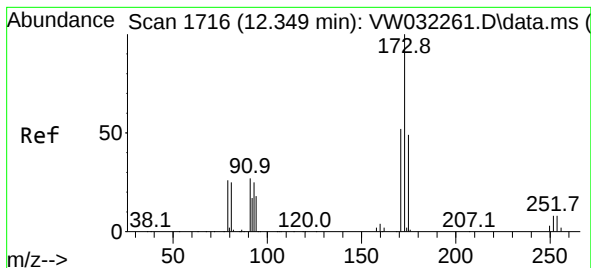
Tgt Ion:106 Resp: 105483
Ion Ratio Lower Upper
106 100
91 221.4 107.8 323.6



#70
Styrene
Concen: 44.281 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:104 Resp: 164859
Ion Ratio Lower Upper
104 100
78 52.1 40.8 61.2
103 56.0 43.4 65.2





#71

Bromoform

Concen: 65.863 ug/l

RT: 12.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

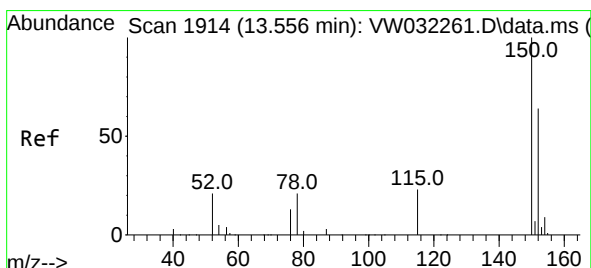
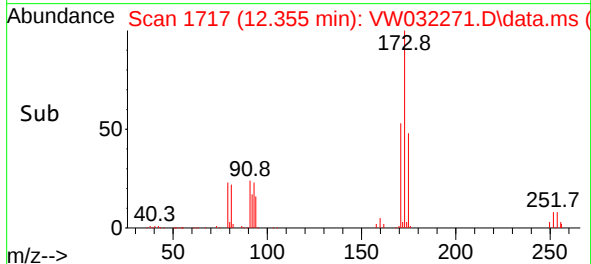
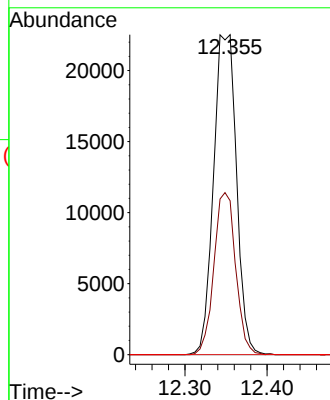
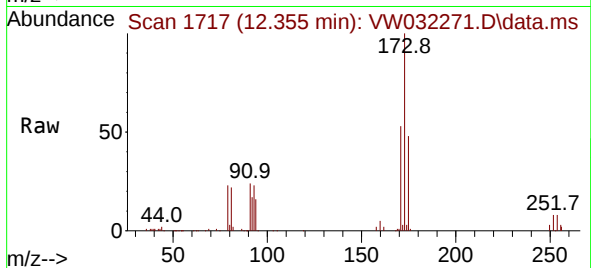
Tgt Ion:173 Resp: 43701

Ion Ratio Lower Upper

173 100

175 47.9 23.1 69.2

254 0.0 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: VW032271.D

Acq: 26 Sep 2025 11:49

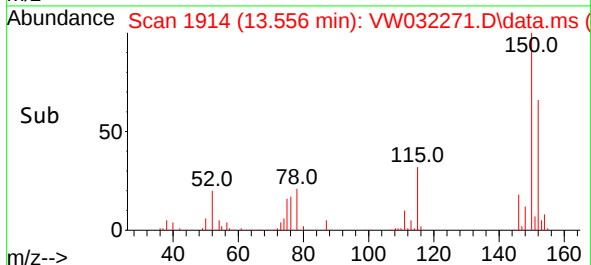
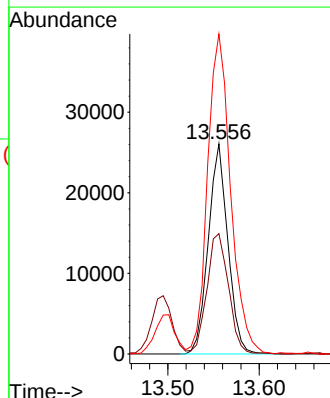
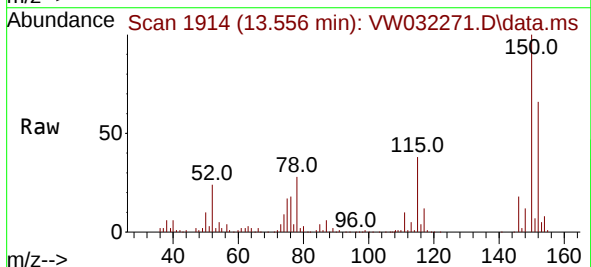
Tgt Ion:152 Resp: 38842

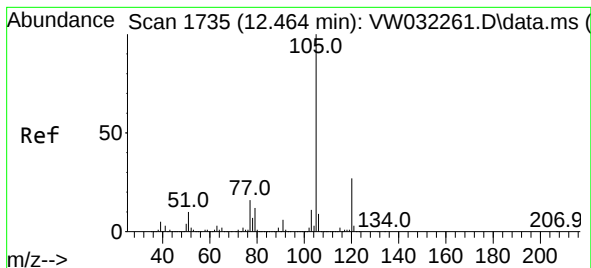
Ion Ratio Lower Upper

152 100

115 63.3 32.5 97.5

150 178.5 0.0 370.2





#73

Isopropylbenzene

Concen: 86.167 ug/l

RT: 12.465 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

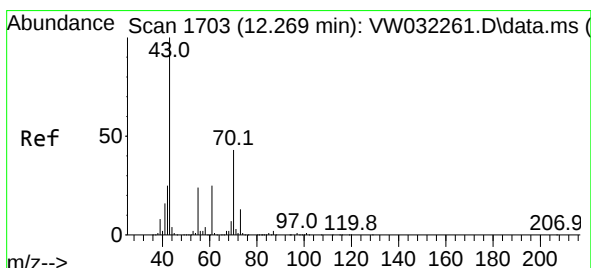
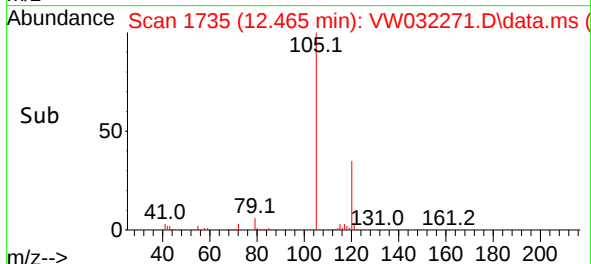
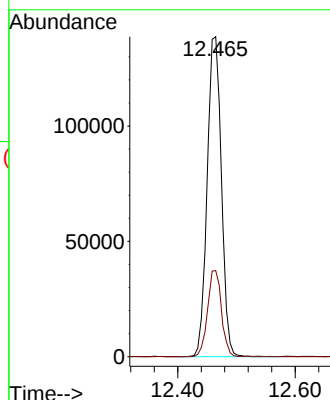
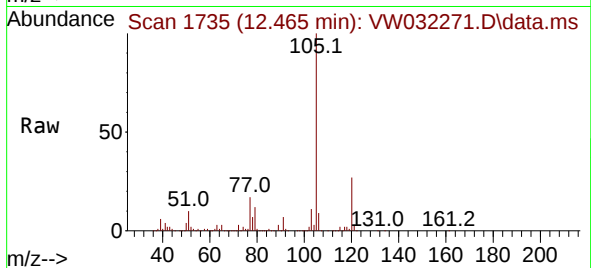
EME-TS14-01MS

Tgt Ion:105 Resp: 232950

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 18.396 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 15662

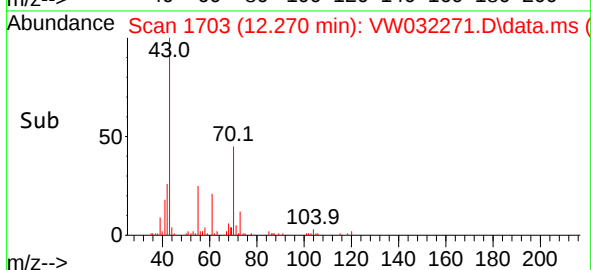
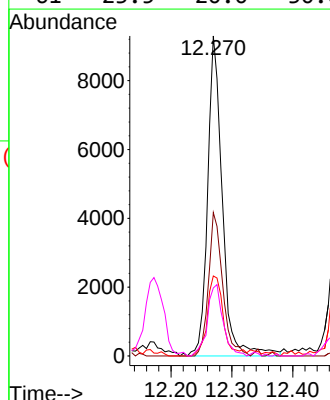
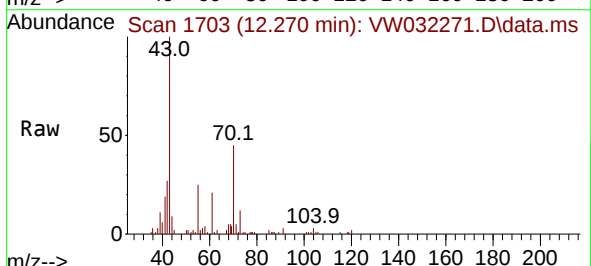
Ion Ratio Lower Upper

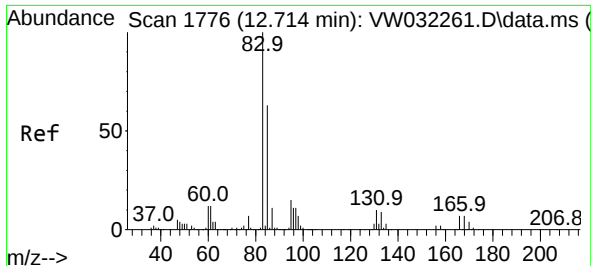
43 100

70 42.8 35.0 52.4

55 27.1 20.6 31.0

61 23.5 20.0 30.0

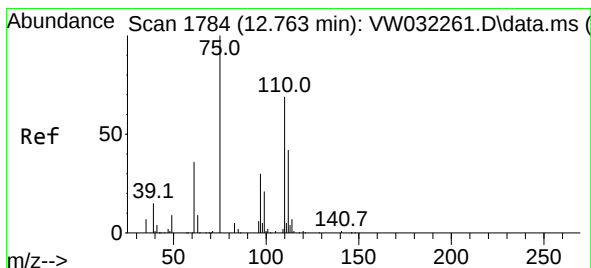
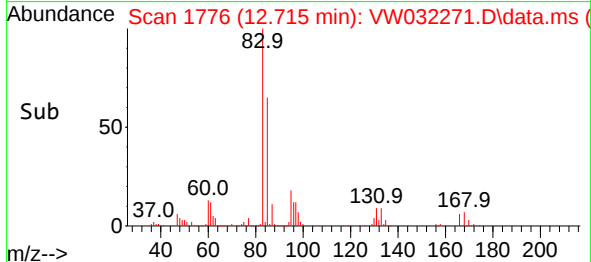
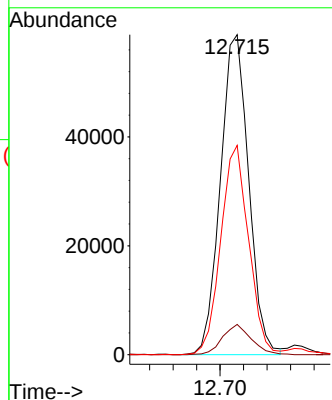
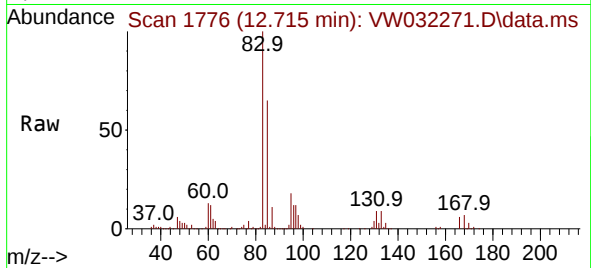




#75
 1,1,2,2-Tetrachloroethane
 Concen: 138.663 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

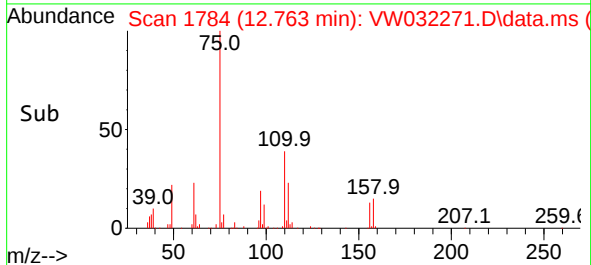
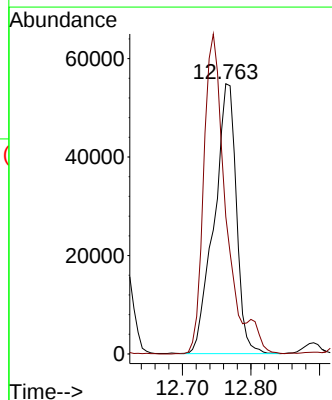
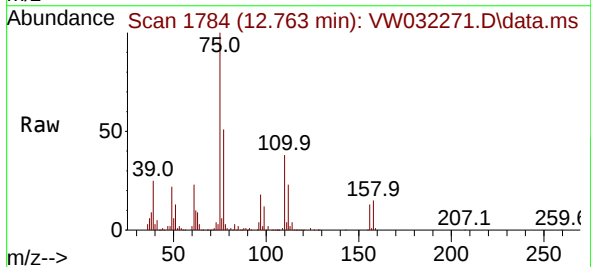
Instrument :
 MSVOA_W
 ClientSampleId :
 EME-TS14-01MS

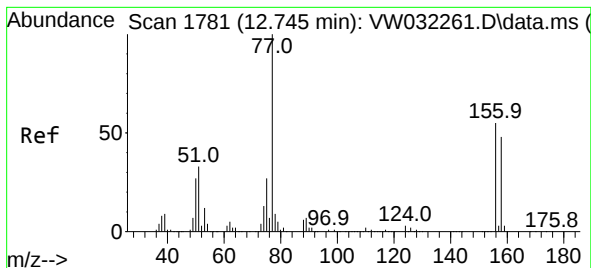
Tgt Ion: 83 Resp: 98287
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.9 14.7
 85 64.5 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 230.426 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW032271.D
 Acq: 26 Sep 2025 11:49

Tgt Ion: 75 Resp: 123134
 Ion Ratio Lower Upper
 75 100
 77 120.0 140.9 422.7#

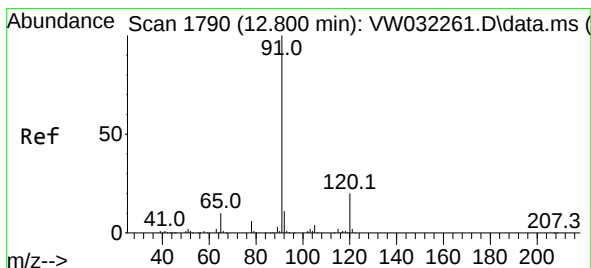
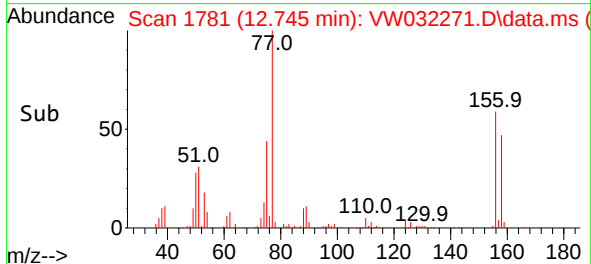
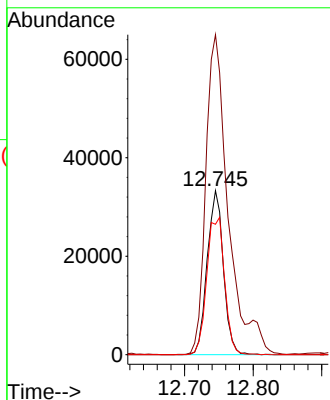
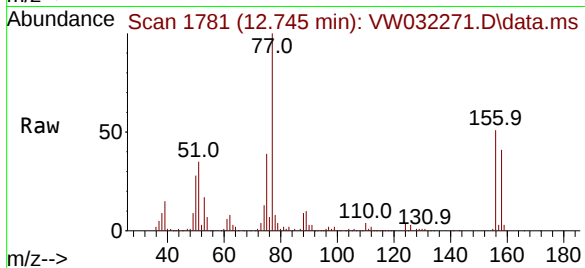




#77
Bromobenzene
Concen: 82.510 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

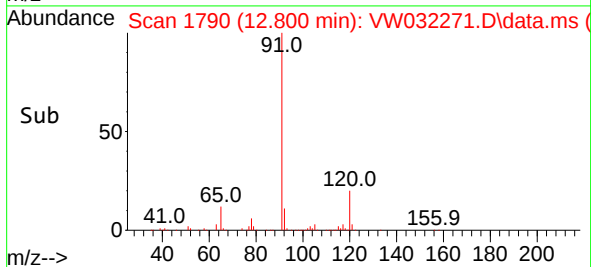
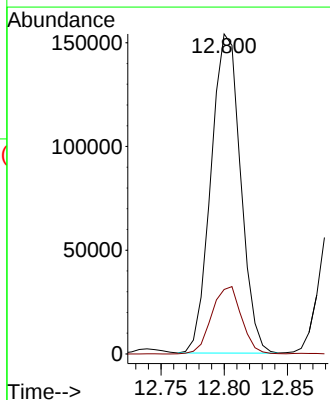
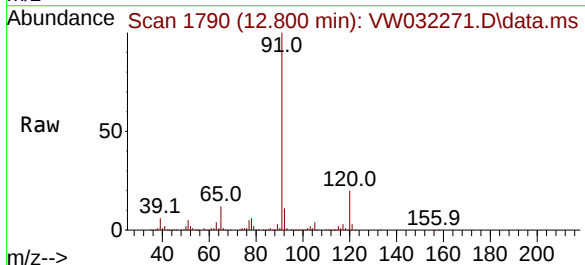
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

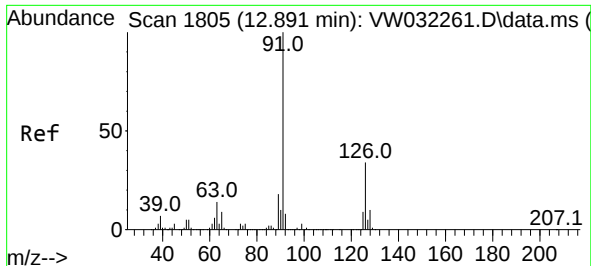
Tgt Ion:156 Resp: 54865
Ion Ratio Lower Upper
156 100
77 269.4 103.3 309.8
158 92.3 45.4 136.2



#78
n-propylbenzene
Concen: 73.849 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 91 Resp: 250777
Ion Ratio Lower Upper
91 100
120 21.2 10.9 32.9

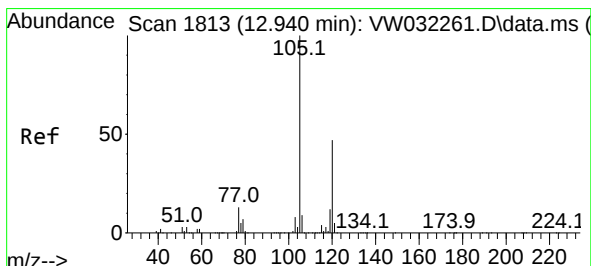
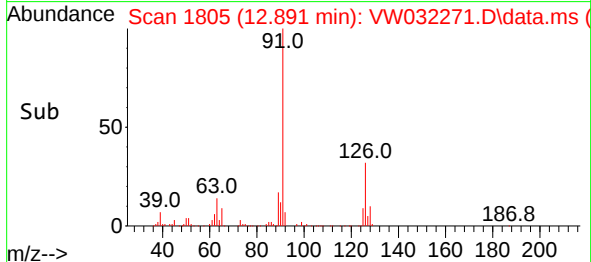
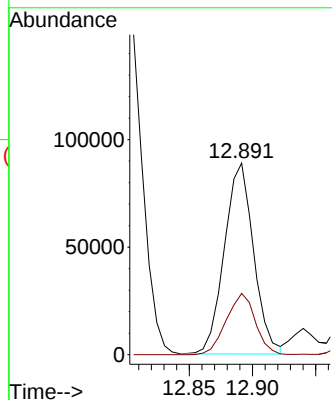
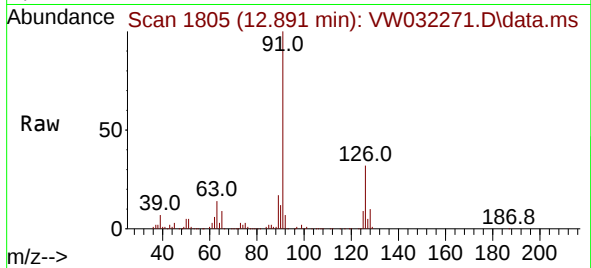




#79
2-Chlorotoluene
Concen: 69.418 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

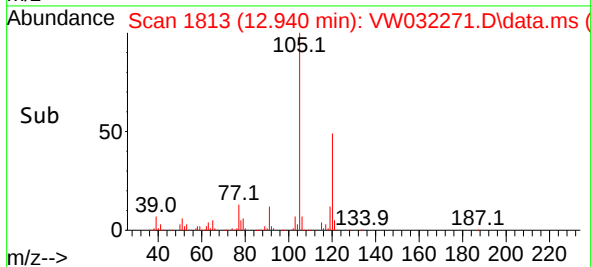
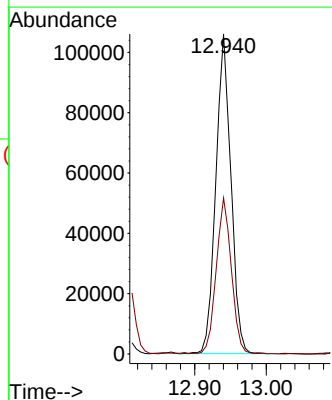
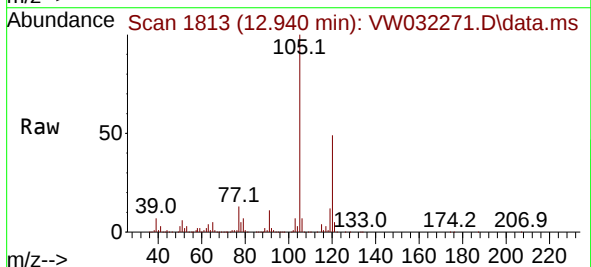
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

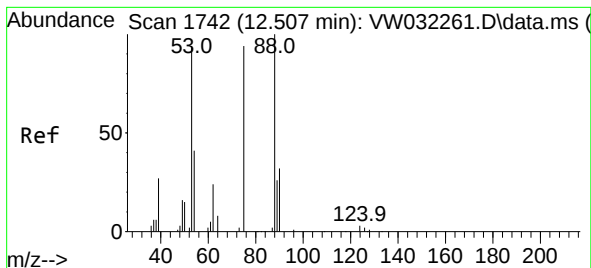
Tgt Ion: 91 Resp: 142798
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 67.217 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 105 Resp: 155362
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.2

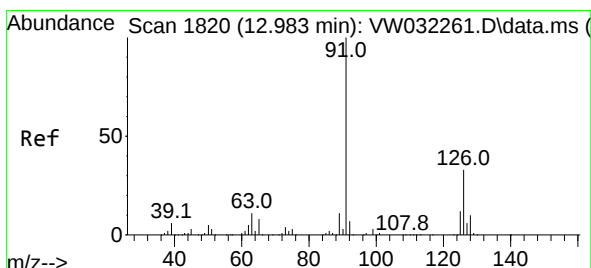
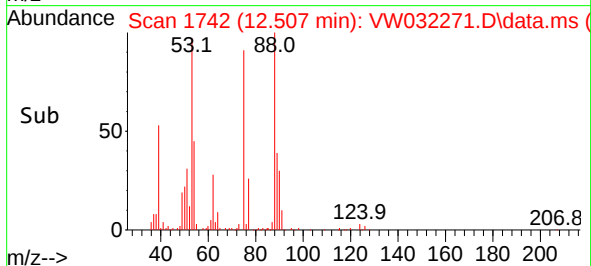
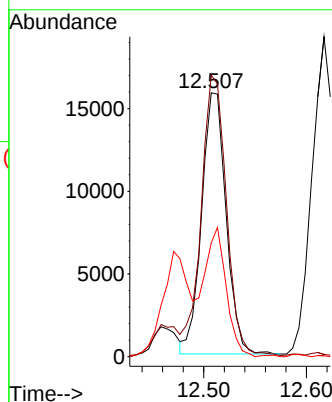
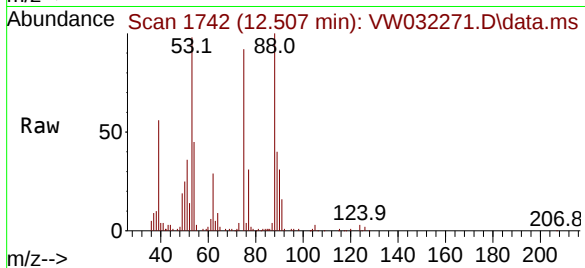




#81
trans-1,4-Dichloro-2-butene
Concen: 127.521 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

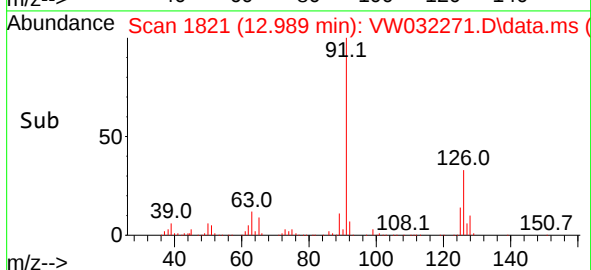
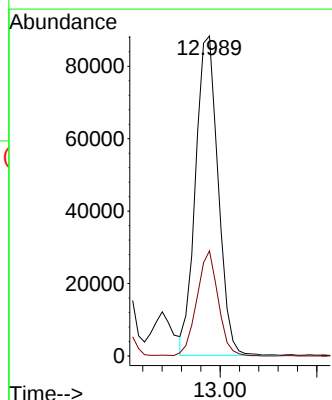
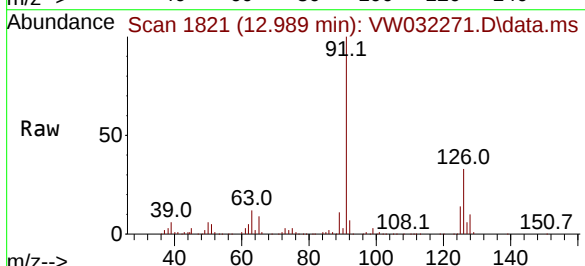
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

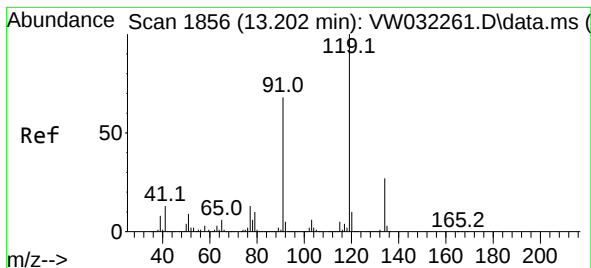
Tgt Ion: 75 Resp: 26235
Ion Ratio Lower Upper
75 100
53 110.7 81.4 122.2
89 45.3 35.4 53.2



#82
4-Chlorotoluene
Concen: 65.799 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 91 Resp: 143050
Ion Ratio Lower Upper
91 100
126 31.1 16.5 49.5





#83

tert-Butylbenzene

Concen: 70.270 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

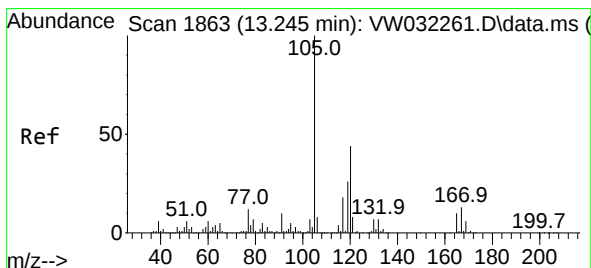
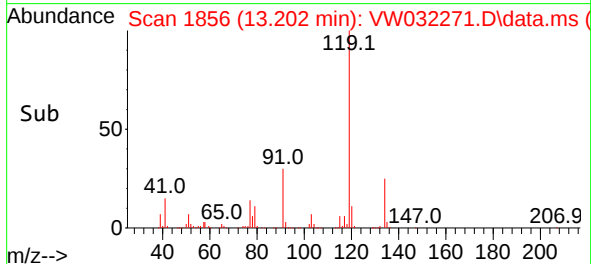
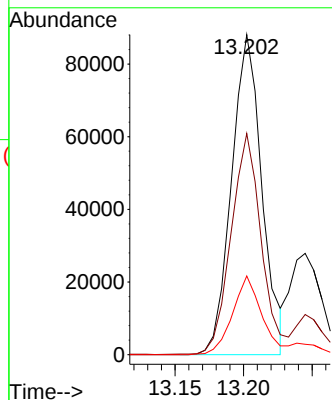
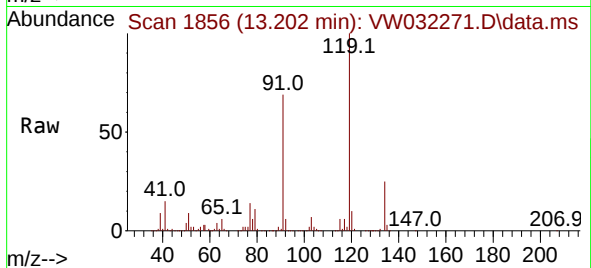
Tgt Ion:119 Resp: 135834

Ion Ratio Lower Upper

119 100

91 69.0 35.5 106.5

134 24.0 13.5 40.4



#84

1,2,4-Trimethylbenzene

Concen: 63.554 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032271.D

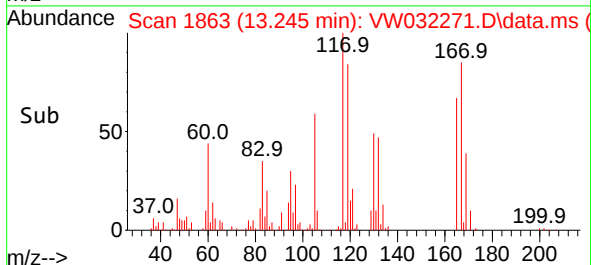
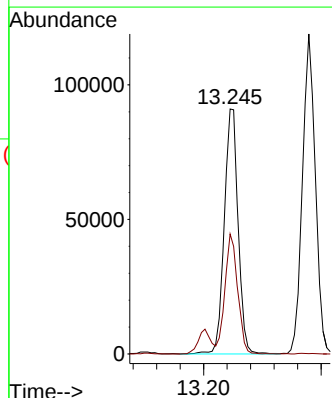
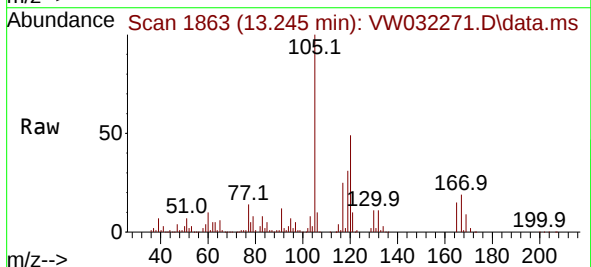
Acq: 26 Sep 2025 11:49

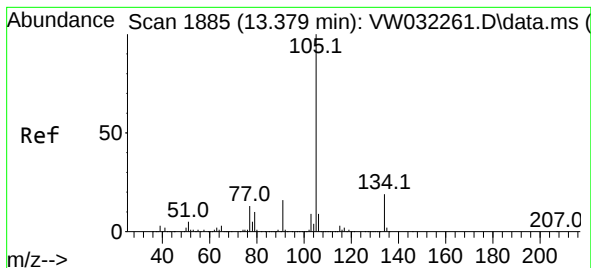
Tgt Ion:105 Resp: 149146

Ion Ratio Lower Upper

105 100

120 44.7 22.8 68.3





#85

sec-Butylbenzene

Concen: 62.374 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

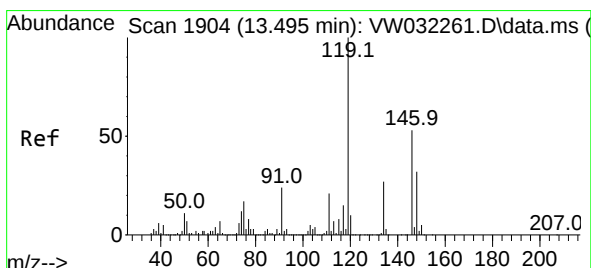
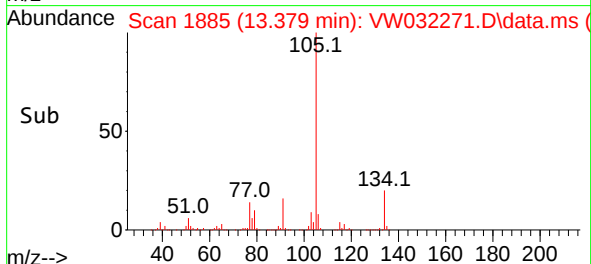
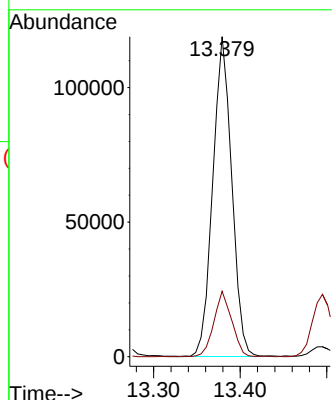
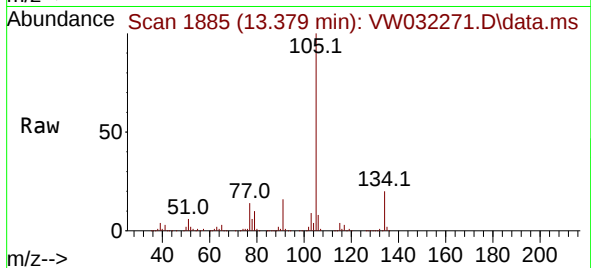
EME-TS14-01MS

Tgt Ion:105 Resp: 181058

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.5



#86

p-Isopropyltoluene

Concen: 57.265 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

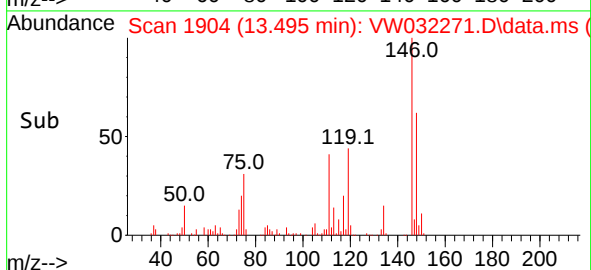
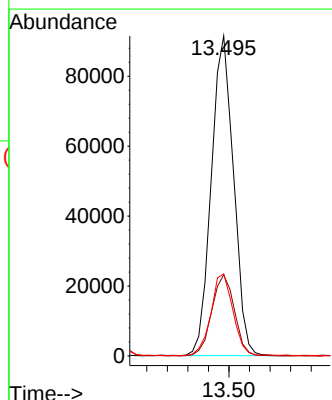
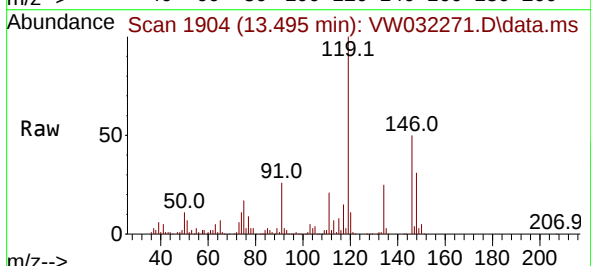
Tgt Ion:119 Resp: 137665

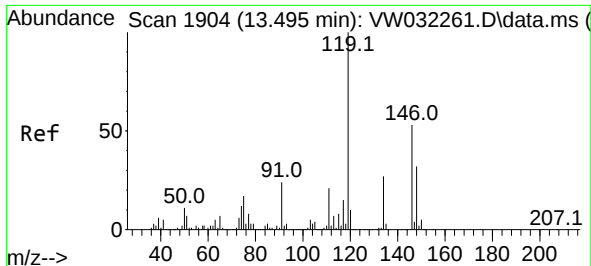
Ion Ratio Lower Upper

119 100

134 25.8 12.5 37.5

91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.454 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

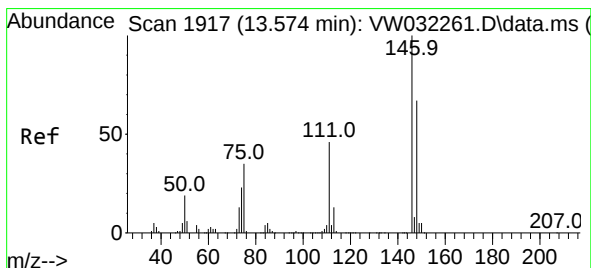
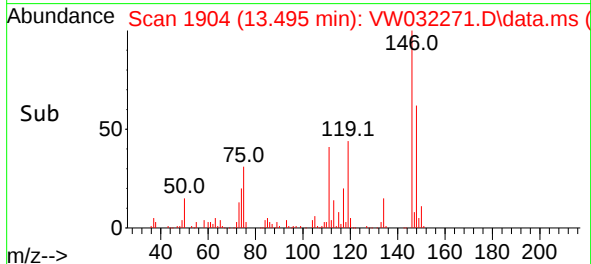
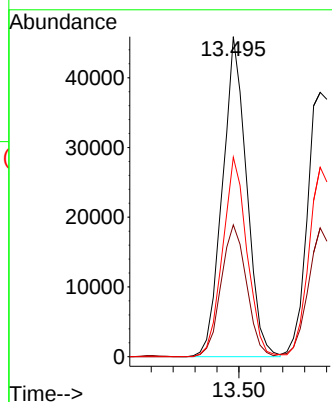
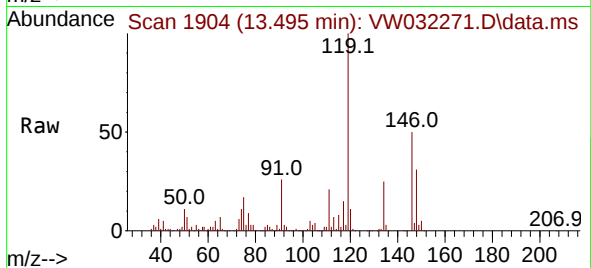
Tgt Ion:146 Resp: 70307

Ion Ratio Lower Upper

146 100

111 43.3 21.9 65.5

148 63.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 50.614 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

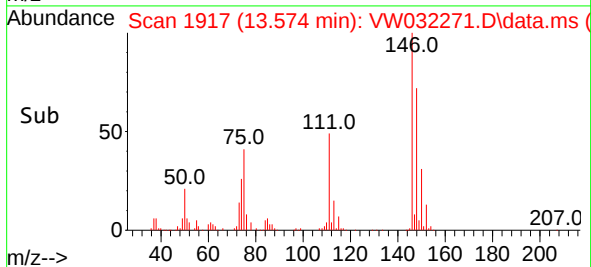
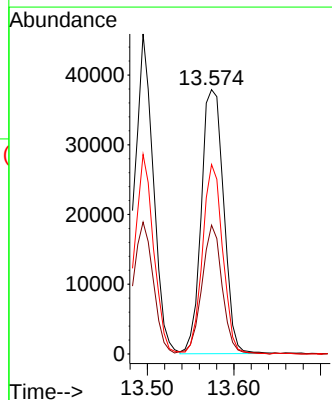
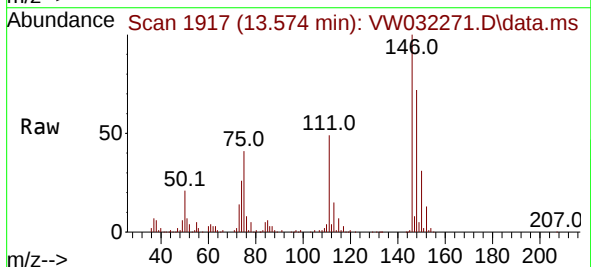
Tgt Ion:146 Resp: 68009

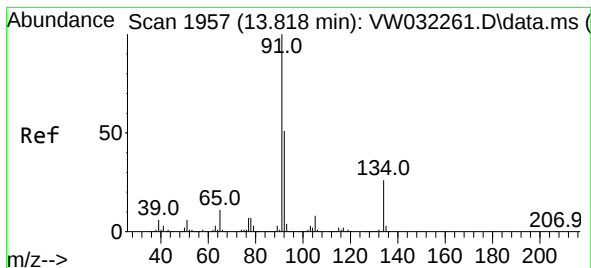
Ion Ratio Lower Upper

146 100

111 44.3 22.4 67.2

148 64.9 34.4 103.1





#89

n-Butylbenzene

Concen: 45.360 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

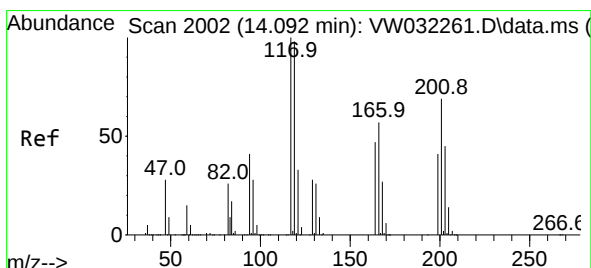
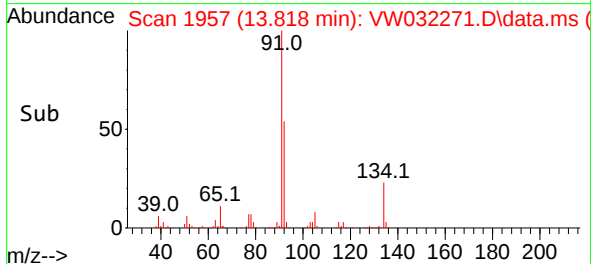
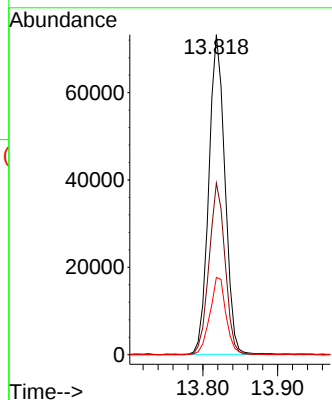
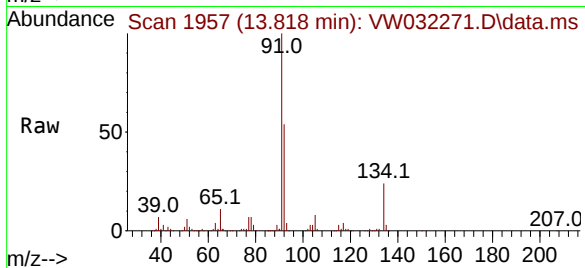
Tgt Ion: 91 Resp: 109435

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 49.228 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VW032271.D

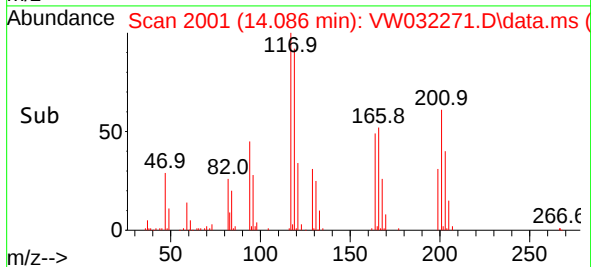
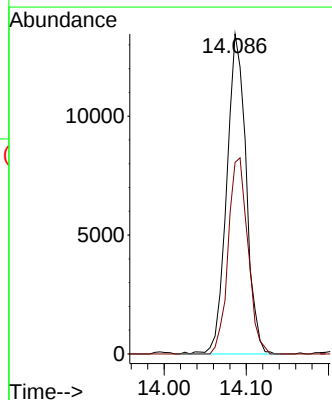
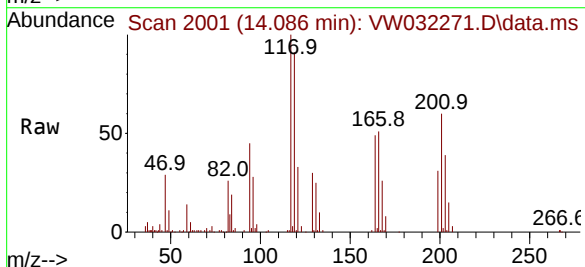
Acq: 26 Sep 2025 11:49

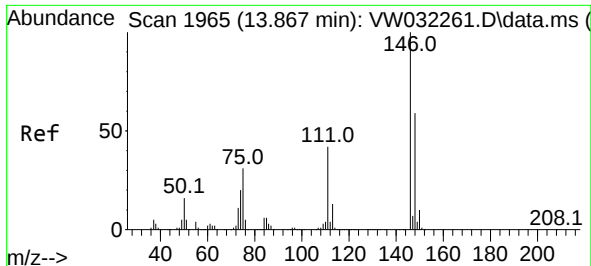
Tgt Ion: 117 Resp: 22057

Ion Ratio Lower Upper

117 100

201 62.2 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 50.664 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

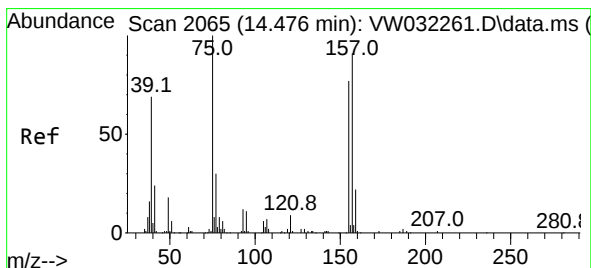
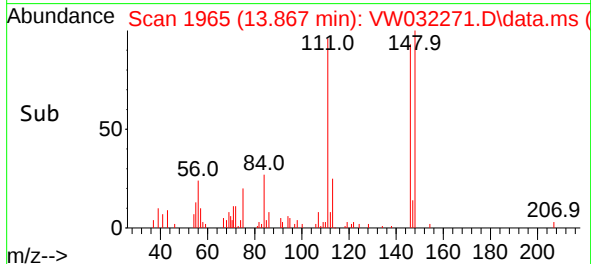
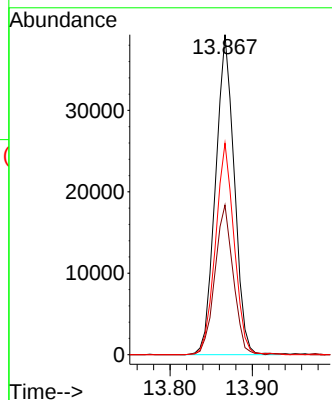
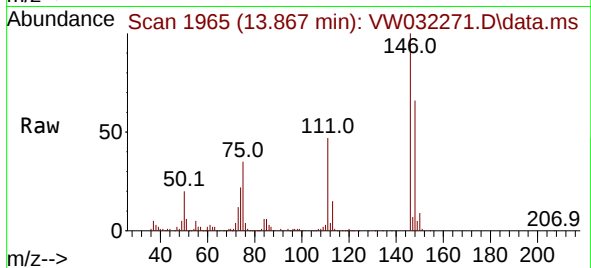
Tgt Ion:146 Resp: 62337

Ion Ratio Lower Upper

146 100

111 45.7 21.9 65.8

148 65.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 120.596 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

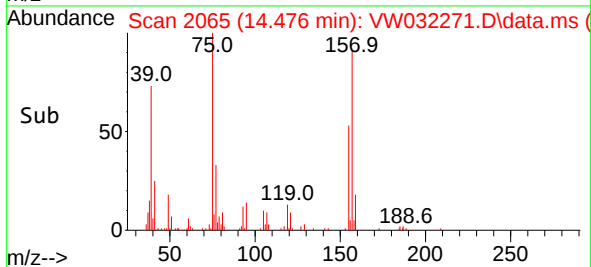
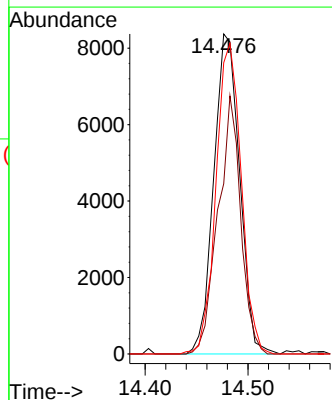
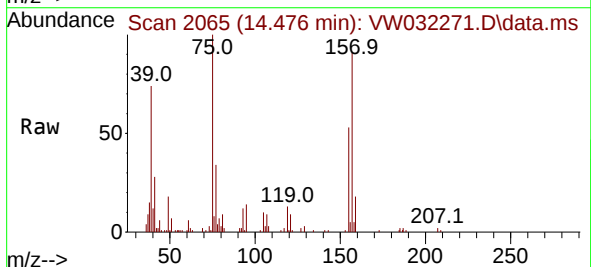
Tgt Ion: 75 Resp: 14621

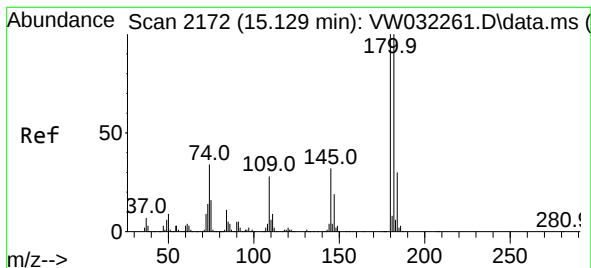
Ion Ratio Lower Upper

75 100

155 70.8 38.2 114.6

157 94.6 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 21.395 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

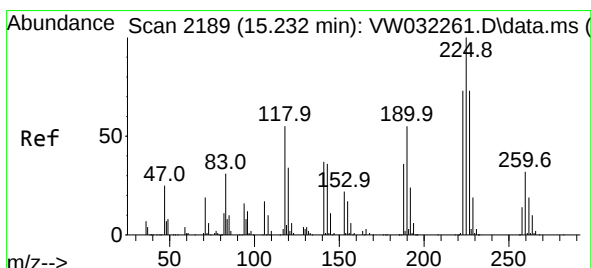
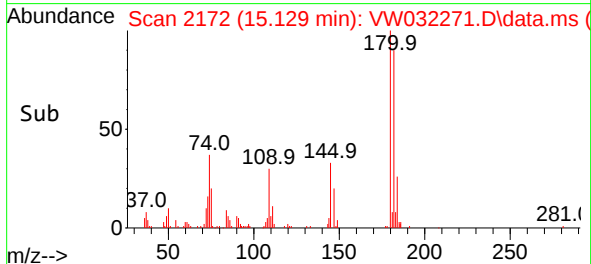
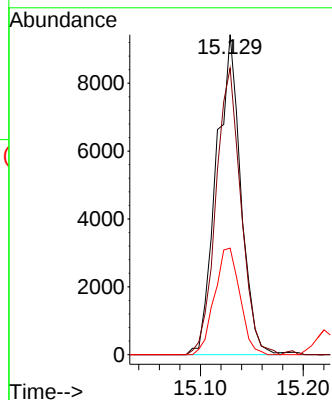
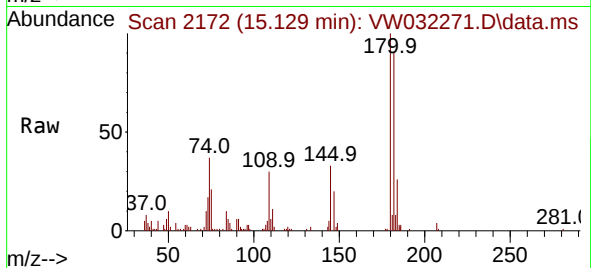
Tgt Ion:180 Resp: 15617

Ion Ratio Lower Upper

180 100

182 91.3 48.4 145.3

145 34.4 16.9 50.7



#94

Hexachlorobutadiene

Concen: 30.566 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.006 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

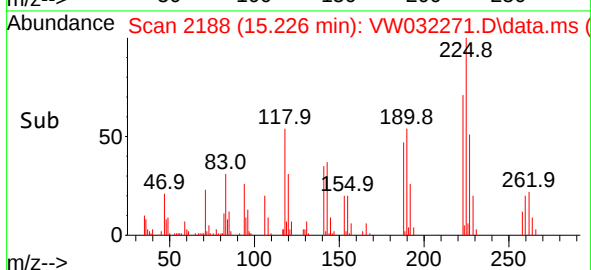
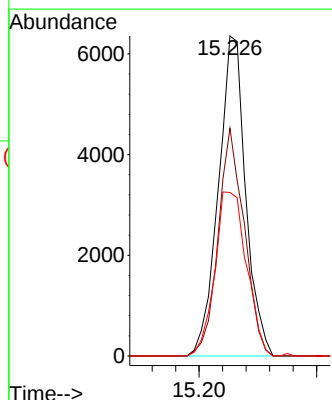
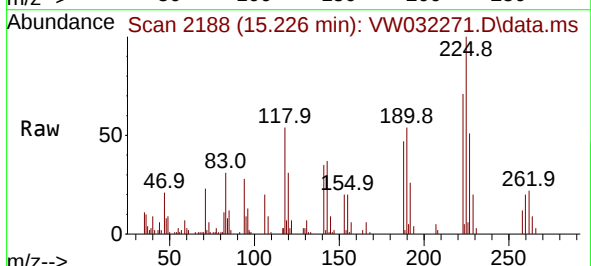
Tgt Ion:225 Resp: 10247

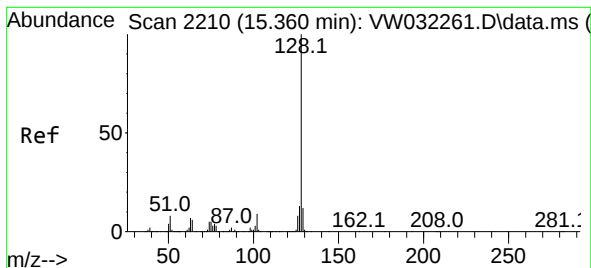
Ion Ratio Lower Upper

225 100

223 67.9 36.4 109.2

227 59.5 36.4 109.2





#95

Naphthalene

Concen: 36.835 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Instrument :

MSVOA_W

ClientSampleId :

EME-TS14-01MS

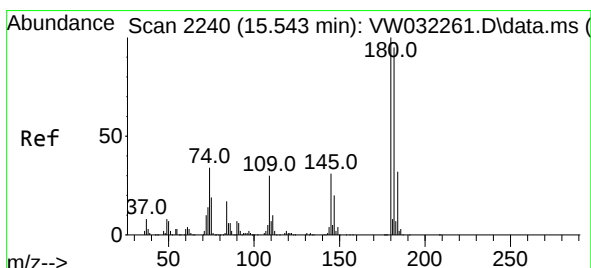
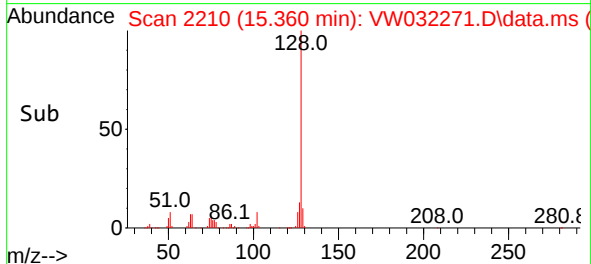
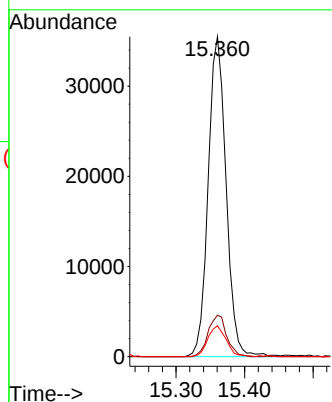
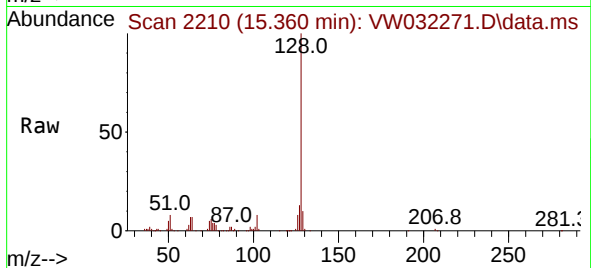
Tgt Ion:128 Resp: 64534

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 9.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.656 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032271.D

Acq: 26 Sep 2025 11:49

Tgt Ion:180 Resp: 14020

Ion Ratio Lower Upper

180 100

182 98.4 45.5 136.4

145 38.2 18.1 54.1

