

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
 Data File : VW032407.D
 Acq On : 10 Nov 2025 15:33
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 11 03:34:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:33:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	450836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	819351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	741941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	349708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	59003	10.151	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	20.300%#
35) Dibromofluoromethane	7.904	113	49546	10.100	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	20.200%#
50) Toluene-d8	10.325	98	192718	10.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	20.480%#
62) 4-Bromofluorobenzene	12.617	95	72758	10.234	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	20.460%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	22362	9.685	ug/l	93
3) Chloromethane	2.253	50	39572	10.093	ug/l	99
4) Vinyl Chloride	2.405	62	51167	10.341	ug/l	95
5) Bromomethane	2.826	94	33455	10.108	ug/l	92
6) Chloroethane	2.972	64	32585	10.065	ug/l	98
7) Trichlorofluoromethane	3.308	101	37511	9.669	ug/l	98
8) Diethyl Ether	3.722	74	32396	10.214	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	44628	10.560	ug/l	99
10) Methyl Iodide	4.313	142	68681	10.090	ug/l	100
11) Tert butyl alcohol	5.216	59	28210	56.129	ug/l	100
12) 1,1-Dichloroethene	4.076	96	48802	10.071	ug/l	99
13) Acrolein	3.935	56	42661	50.591	ug/l	99
14) Allyl chloride	4.710	41	93239	10.005	ug/l	99
15) Acrylonitrile	5.405	53	93953	51.232	ug/l	99
16) Acetone	4.161	43	87310	50.210	ug/l	97
17) Carbon Disulfide	4.417	76	141915	9.909	ug/l	97
18) Methyl Acetate	4.710	43	44520	10.339	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	104889	10.268	ug/l	95
20) Methylene Chloride	4.954	84	66798	10.741	ug/l	100
21) trans-1,2-Dichloroethene	5.466	96	55842	10.078	ug/l	97
22) Diisopropyl ether	6.337	45	192206	10.130	ug/l	96
23) Vinyl Acetate	6.283	43	646655	49.745	ug/l	97
24) 1,1-Dichloroethane	6.246	63	104196	10.023	ug/l	98
25) 2-Butanone	7.197	43	129968	50.732	ug/l	98
26) 2,2-Dichloropropane	7.191	77	61367	10.593	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	65574	9.904	ug/l	95
28) Bromochloromethane	7.532	49	50794	10.338	ug/l	99
29) Tetrahydrofuran	7.551	42	81885	50.359	ug/l	99
30) Chloroform	7.697	83	105045	10.322	ug/l	98
31) Cyclohexane	7.965	56	102879	10.699	ug/l #	92
32) 1,1,1-Trichloroethane	7.892	97	73948	10.172	ug/l	98
36) 1,1-Dichloropropene	8.099	75	73275	10.138	ug/l	97
37) Ethyl Acetate	7.276	43	56863	10.580	ug/l	98
38) Carbon Tetrachloride	8.081	117	65150	10.144	ug/l	92
39) Methylcyclohexane	9.343	83	94305	10.071	ug/l	86
40) Benzene	8.337	78	241413	10.371	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	28465	9.641	ug/l	94
42) 1,2-Dichloroethane	8.416	62	69346	10.143	ug/l	99
43) Isopropyl Acetate	8.435	43	95514	10.036	ug/l	99
44) Trichloroethene	9.099	130	55649	10.274	ug/l	93
45) 1,2-Dichloropropane	9.374	63	59038	10.186	ug/l	98
46) Dibromomethane	9.471	93	34419	10.162	ug/l	97
47) Bromodichloromethane	9.648	83	76814	9.942	ug/l	95
48) Methyl methacrylate	9.441	41	42787	9.461	ug/l	95
49) 1,4-Dioxane	9.465	88	9540	201.067	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	269178	51.163	ug/l	99
52) Toluene	10.392	92	146853	10.214	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	78747	9.897	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	90589	9.845	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	46448	9.997	ug/l	94
56) Ethyl methacrylate	10.648	69	70122	9.836	ug/l	99
57) 1,3-Dichloropropane	10.934	76	84750	10.213	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	193282	50.910	ug/l	99
59) 2-Hexanone	10.971	43	200376	52.056	ug/l	99
60) Dibromochloromethane	11.129	129	51945	10.011	ug/l	98
61) 1,2-Dibromoethane	11.239	107	47906	10.586	ug/l	94
64) Tetrachloroethene	10.861	164	45145	10.275	ug/l	94
65) Chlorobenzene	11.660	112	161494	10.099	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	48692	9.839	ug/l	98
67) Ethyl Benzene	11.733	91	275018	9.939	ug/l	98
68) m/p-Xylenes	11.836	106	211539	20.362	ug/l	97
69) o-Xylene	12.166	106	97756	9.827	ug/l	100
70) Styrene	12.178	104	170000	9.935	ug/l	99
71) Bromoform	12.343	173	29843	10.181	ug/l #	92
73) Isopropylbenzene	12.464	105	249133	9.700	ug/l	98
74) N-amyl acetate	12.269	43	84064	9.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	60803	9.975	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	76973	16.050	ug/l	33
77) Bromobenzene	12.745	156	60481	9.946	ug/l	97
78) n-propylbenzene	12.800	91	305079	9.754	ug/l	99
79) 2-Chlorotoluene	12.891	91	188782	9.887	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	208642	9.847	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	19619	9.371	ug/l	94
82) 4-Chlorotoluene	12.989	91	194147	9.776	ug/l	97
83) tert-Butylbenzene	13.202	119	176992	9.602	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	213291	9.897	ug/l	99
85) sec-Butylbenzene	13.379	105	268972	9.798	ug/l	99
86) p-Isopropyltoluene	13.495	119	224526	9.906	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	113975	9.886	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	117480	9.946	ug/l	93
89) n-Butylbenzene	13.818	91	214914	9.705	ug/l	100
90) Hexachloroethane	14.086	117	39430	9.649	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	106855	10.096	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10231	9.743	ug/l	99
93) 1,2,4-Trichlorobenzene	15.123	180	64111	9.519	ug/l	94
94) Hexachlorobutadiene	15.226	225	27012	9.655	ug/l	92
95) Naphthalene	15.360	128	160481	9.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	58107	9.503	ug/l	95

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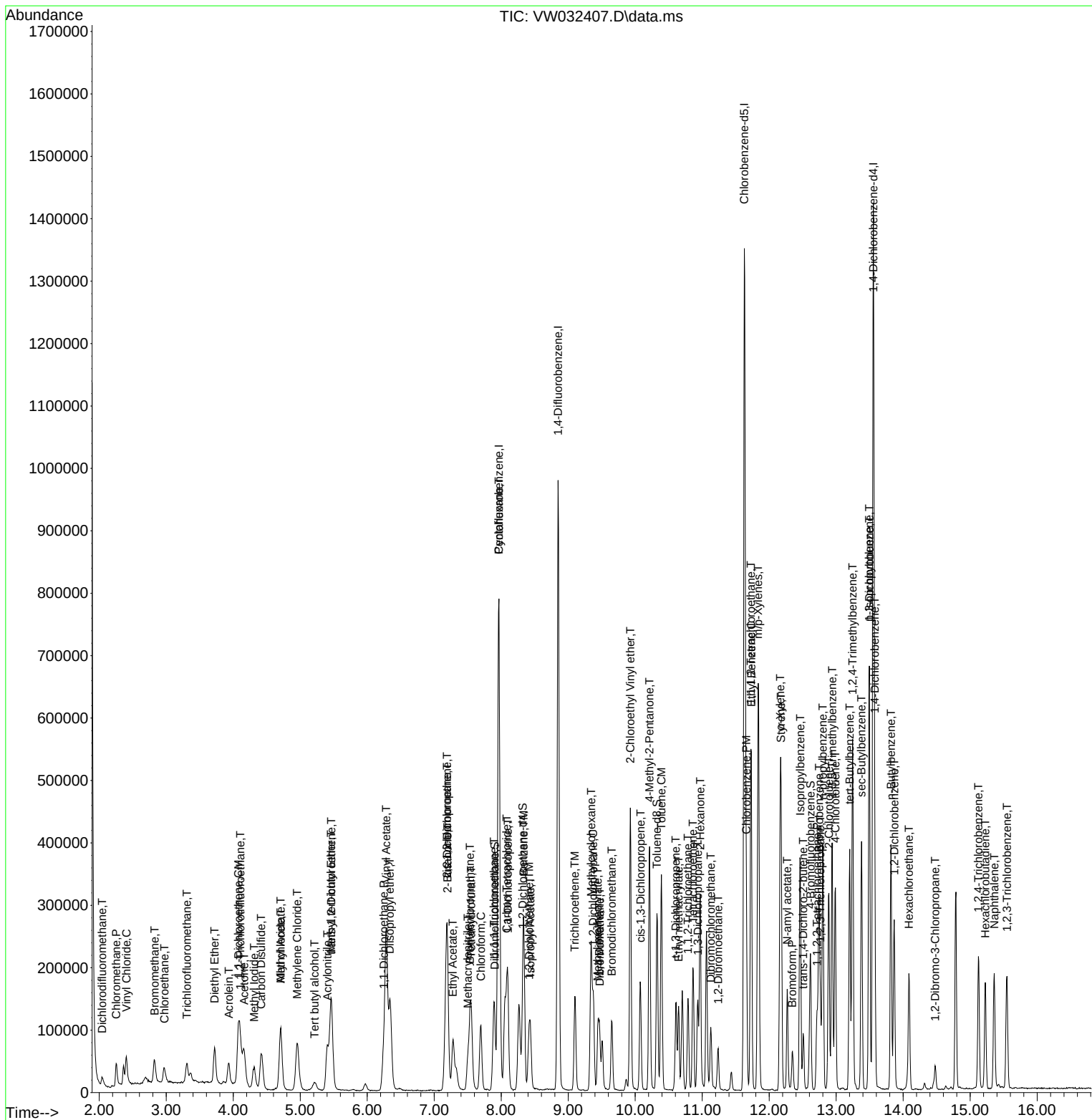
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MSVOA_W
ClientSampleId :
VSTDICC010

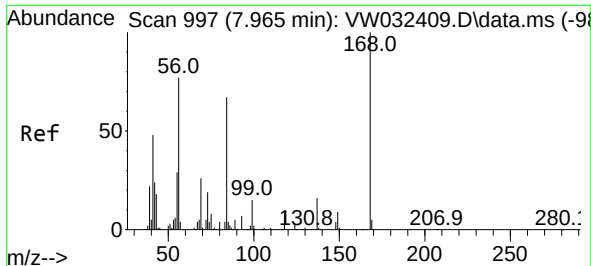
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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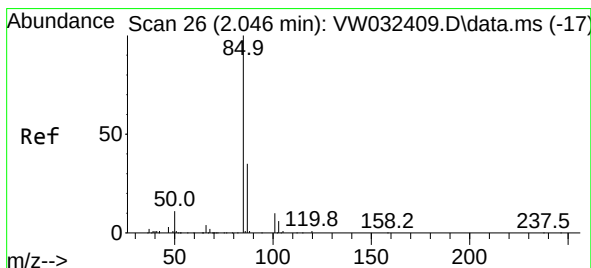
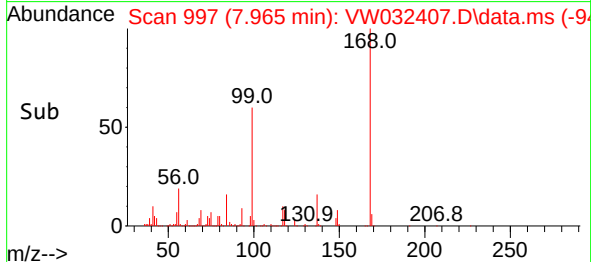
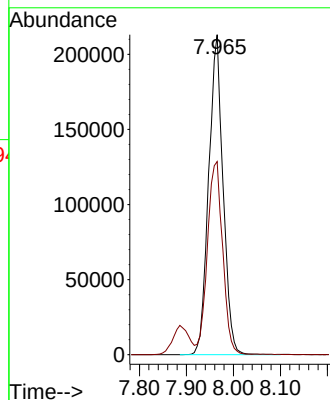
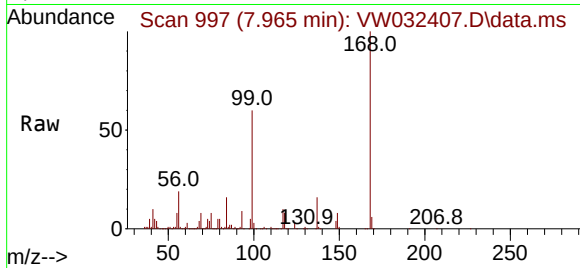




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
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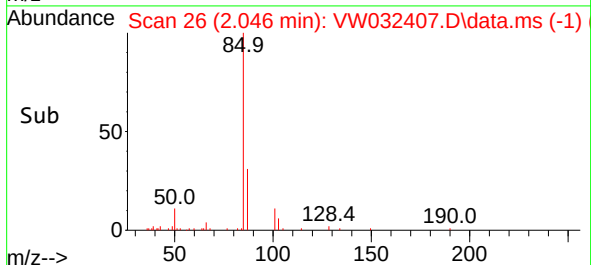
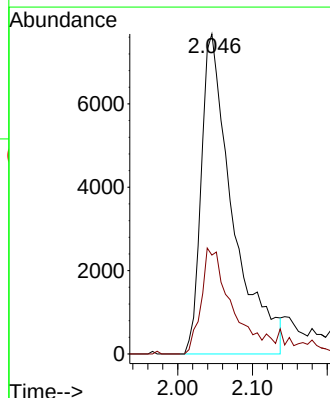
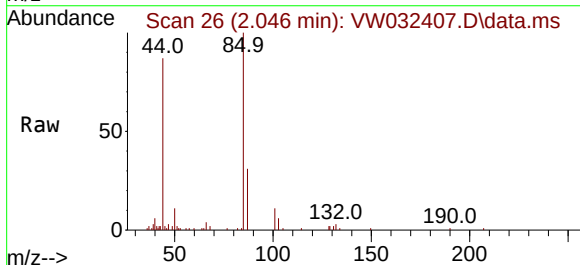
Instrument :
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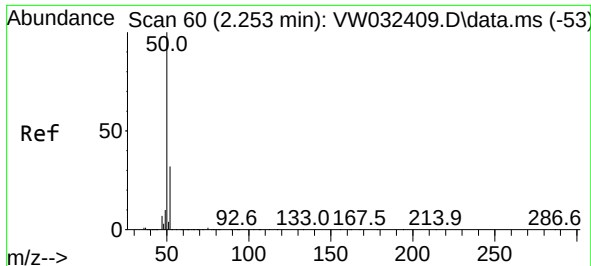
Tgt Ion:168 Resp: 450836
Ion Ratio Lower Upper
168 100
99 60.2 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 9.685 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 85 Resp: 22362
Ion Ratio Lower Upper
85 100
87 30.9 17.4 52.2

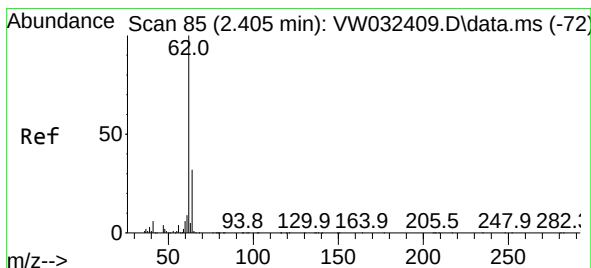
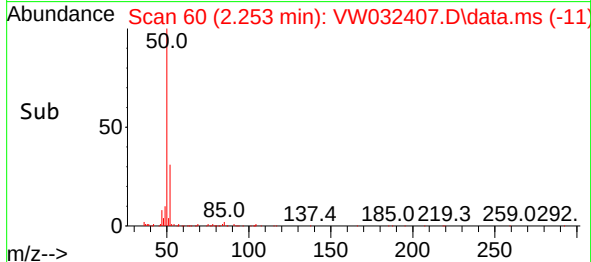
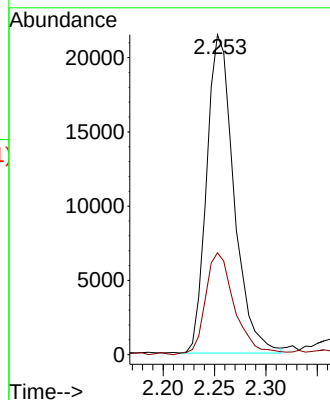
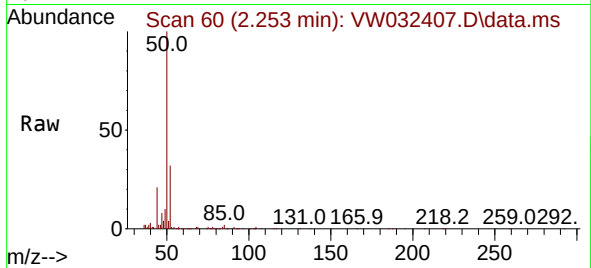




#3
Chloromethane
Concen: 10.093 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

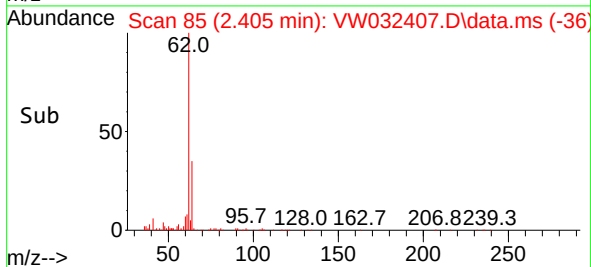
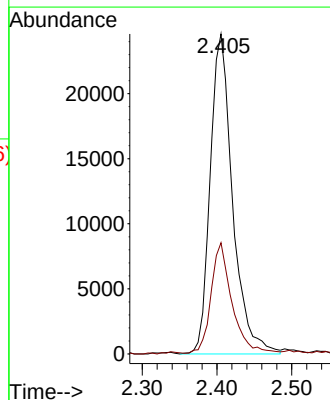
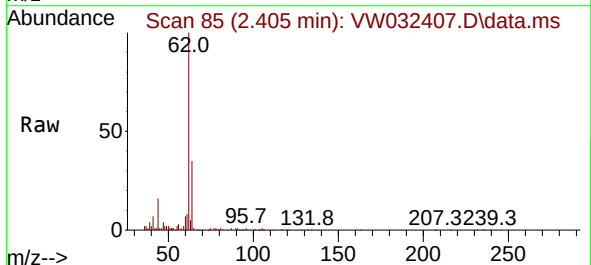
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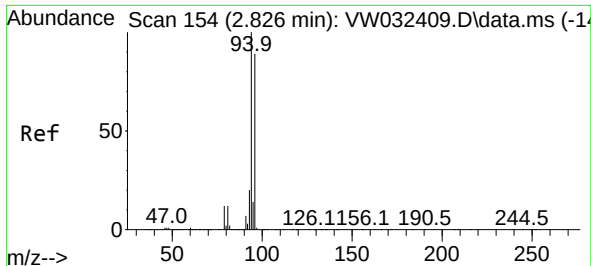
Tgt Ion: 50 Resp: 39572
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3



#4
Vinyl Chloride
Concen: 10.341 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 62 Resp: 51167
Ion Ratio Lower Upper
62 100
64 34.4 25.2 37.8

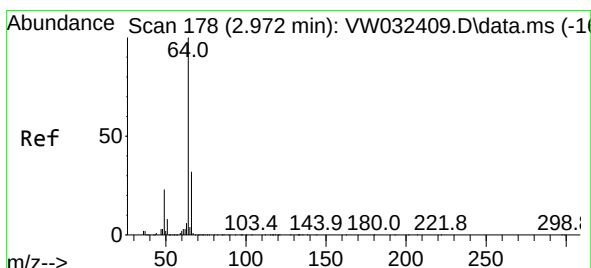
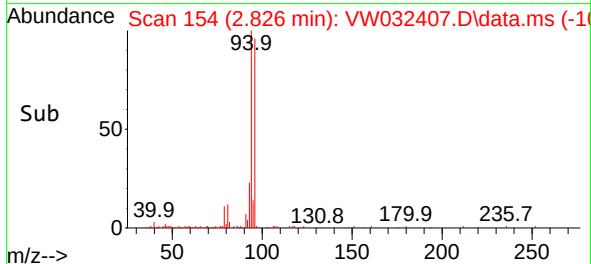
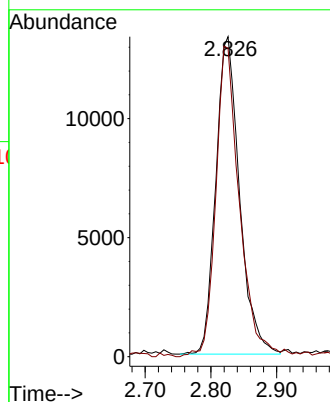
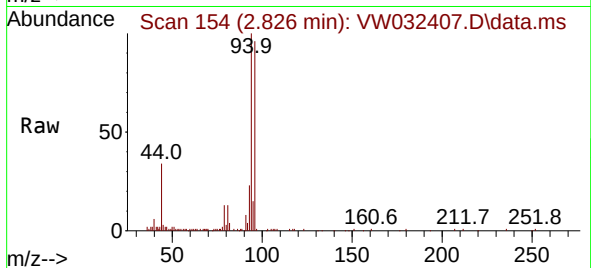




#5
Bromomethane
Concen: 10.108 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

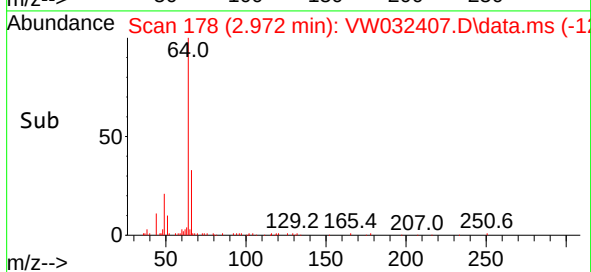
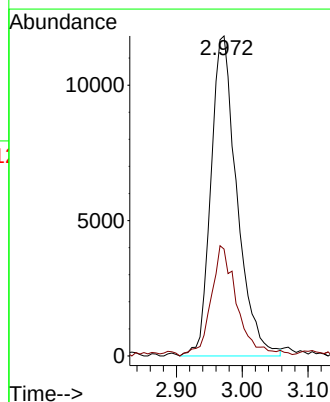
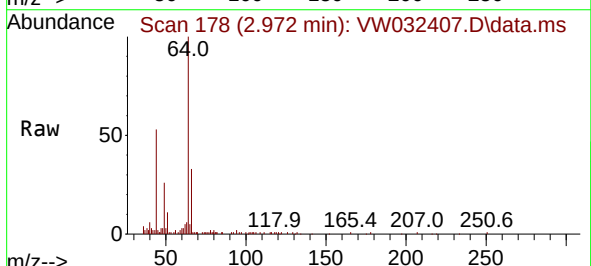
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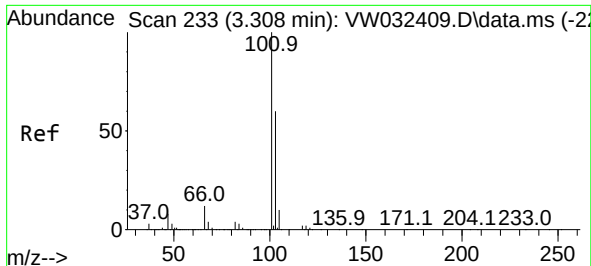
Tgt Ion: 94 Resp: 33455
Ion Ratio Lower Upper
94 100
96 97.1 71.4 107.2



#6
Chloroethane
Concen: 10.065 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 64 Resp: 32585
Ion Ratio Lower Upper
64 100
66 33.4 25.6 38.4

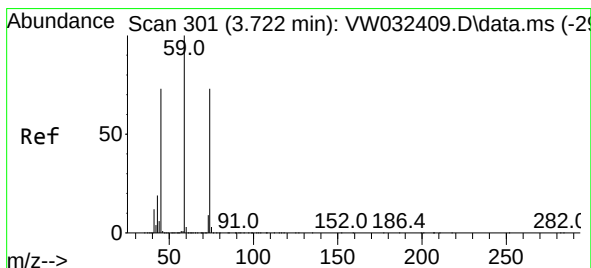
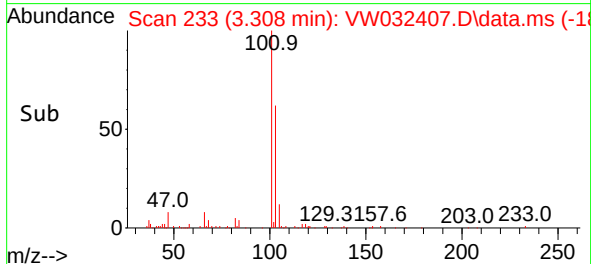
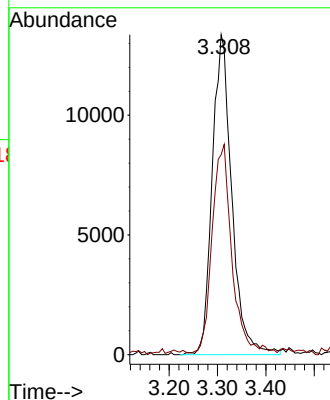
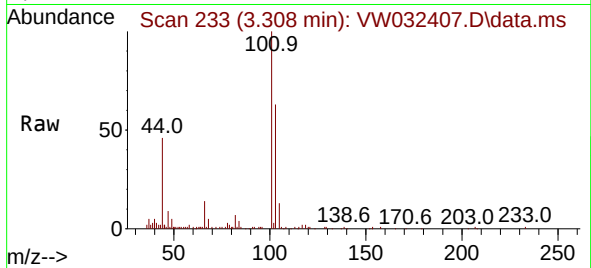




#7
 Trichlorofluoromethane
 Concen: 9.669 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

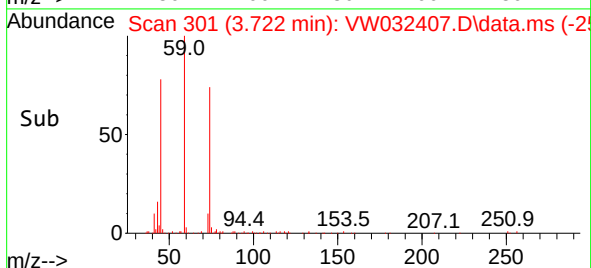
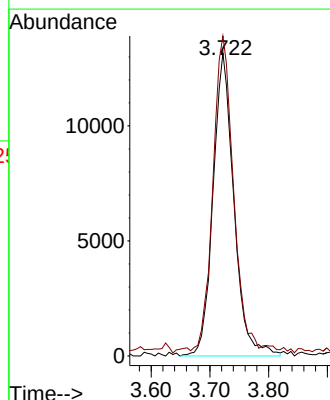
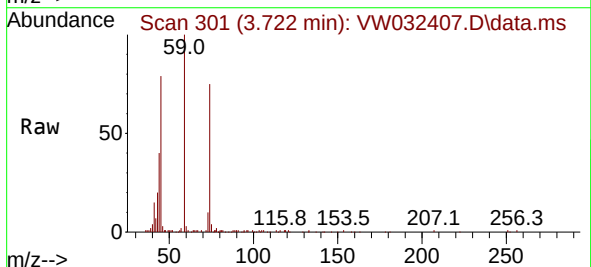
Instrument :
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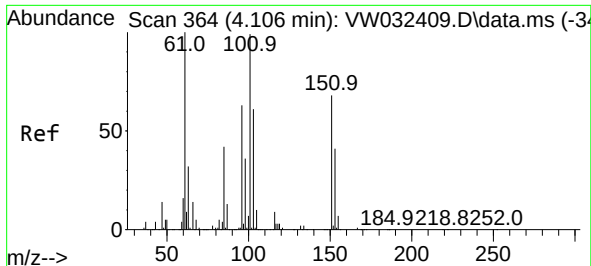
Tgt Ion:101 Resp: 37511
 Ion Ratio Lower Upper
 101 100
 103 61.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 10.214 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

Tgt Ion: 74 Resp: 32396
 Ion Ratio Lower Upper
 74 100
 45 101.6 51.8 155.4

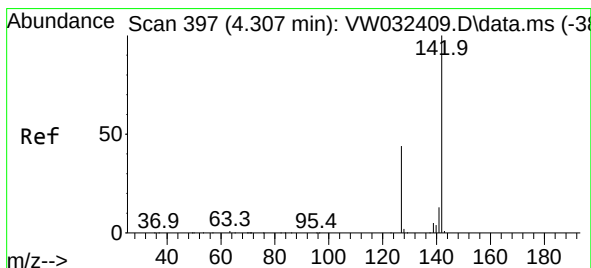
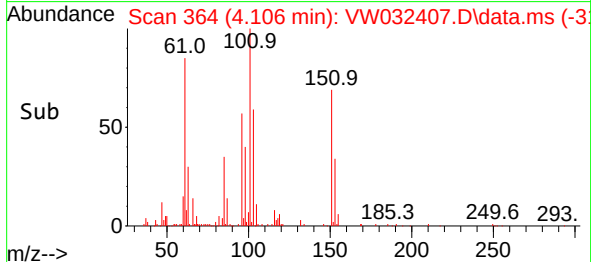
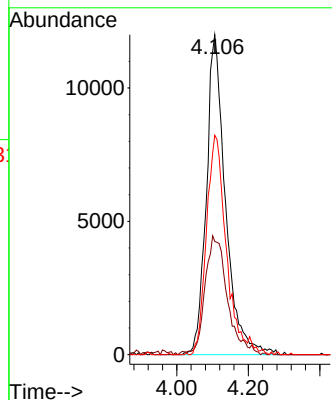
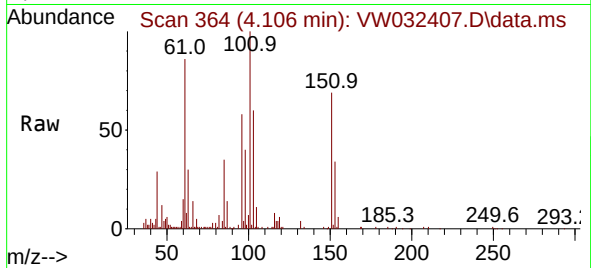




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.560 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032407.D
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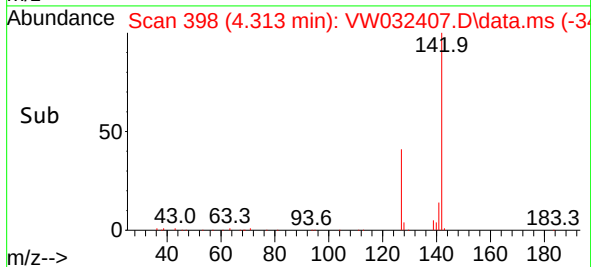
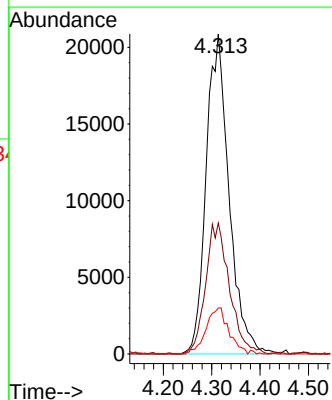
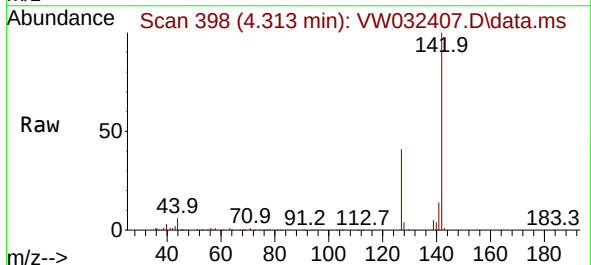
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

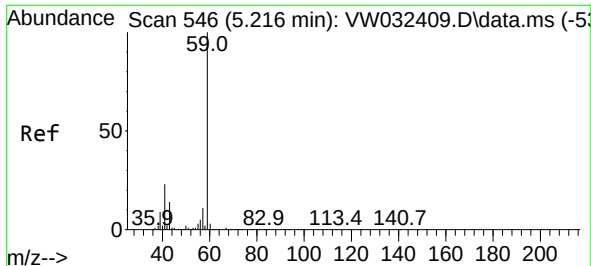
Tgt Ion:101 Resp: 44628
Ion Ratio Lower Upper
101 100
85 43.3 34.1 51.1
151 69.5 56.4 84.6



#10
Methyl Iodide
Concen: 10.090 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion:142 Resp: 68681
Ion Ratio Lower Upper
142 100
127 42.6 34.2 51.2
141 14.3 11.8 17.8

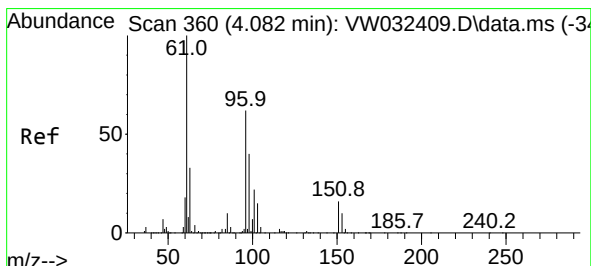
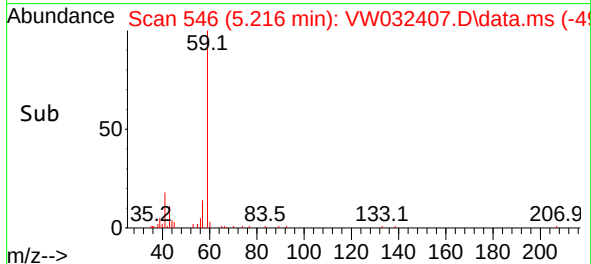
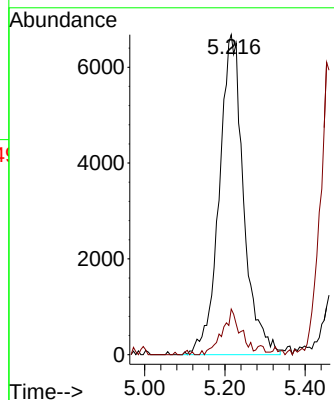
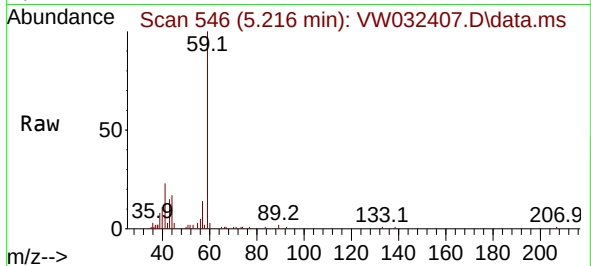




#11
Tert butyl alcohol
Concen: 56.129 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

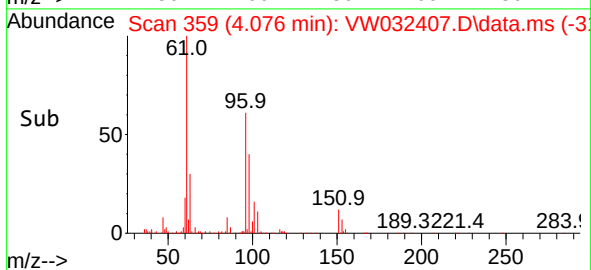
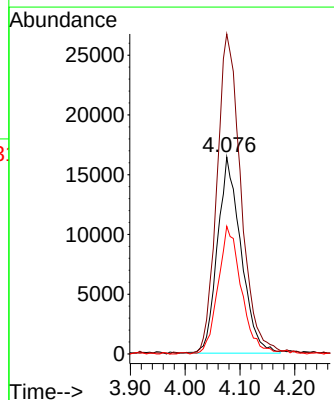
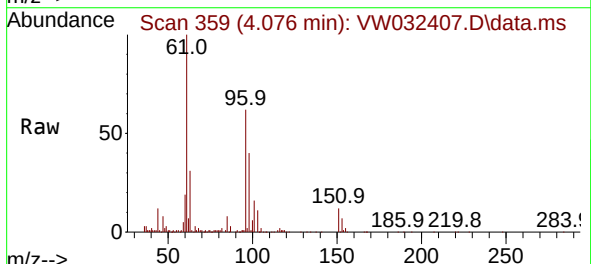
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

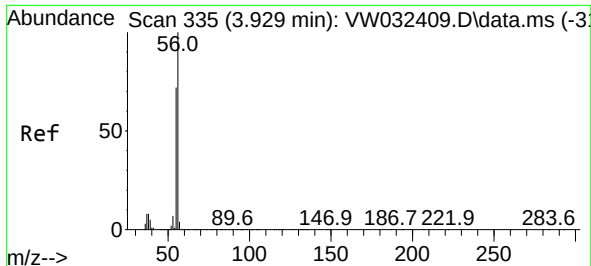
Tgt Ion: 59 Resp: 28210
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 10.071 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 96 Resp: 48802
Ion Ratio Lower Upper
96 100
61 162.6 129.0 193.6
98 64.5 51.1 76.7

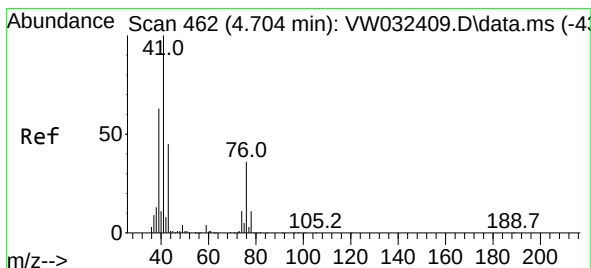
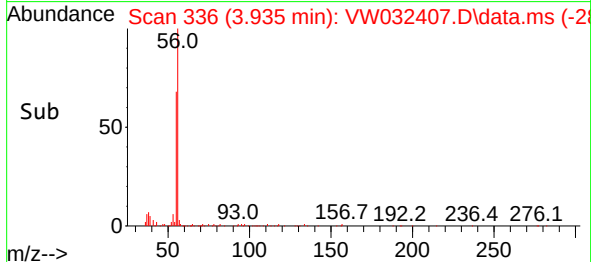
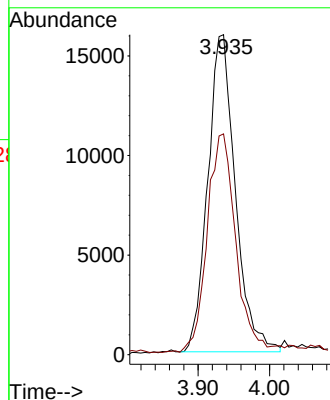
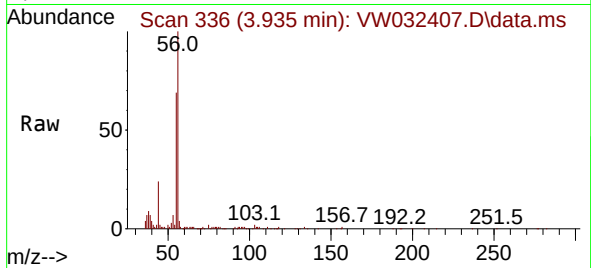




#13
Acrolein
Concen: 50.591 ug/l
RT: 3.935 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

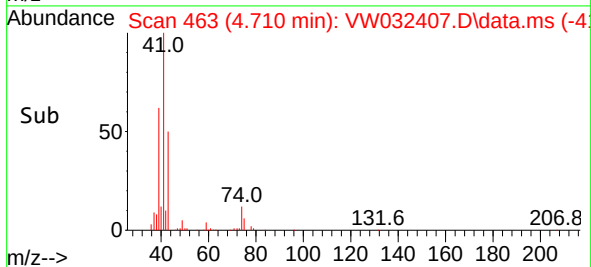
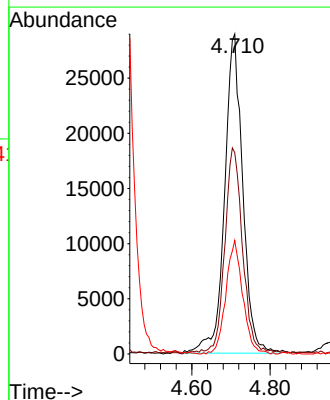
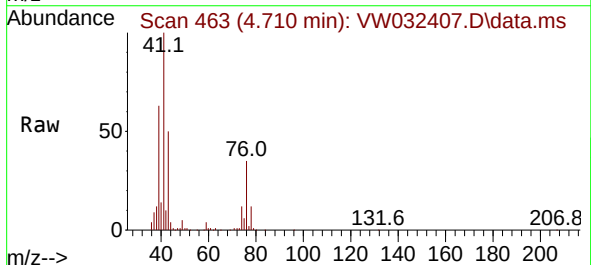
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

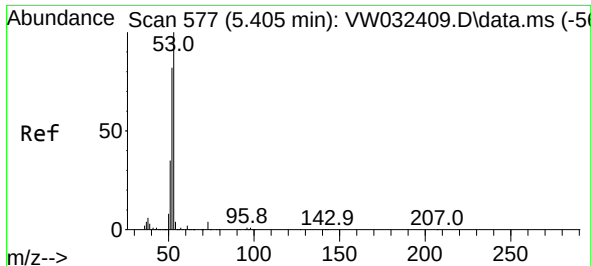
Tgt Ion: 56 Resp: 42661
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5



#14
Allyl chloride
Concen: 10.005 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 41 Resp: 93239
Ion Ratio Lower Upper
41 100
39 62.2 50.2 75.2
76 33.0 27.0 40.6

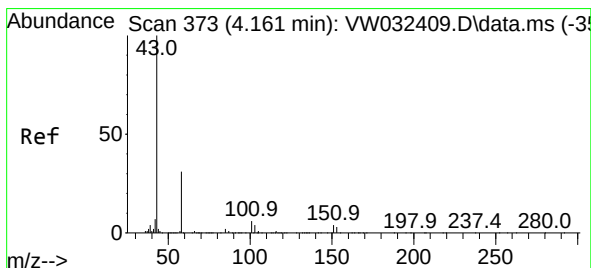
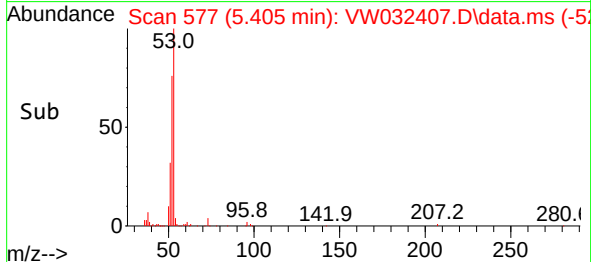
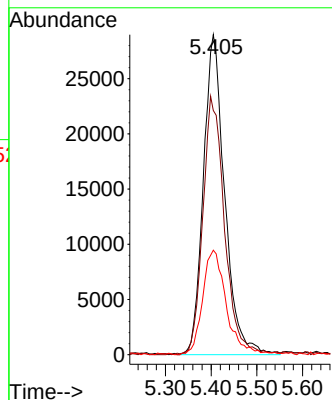
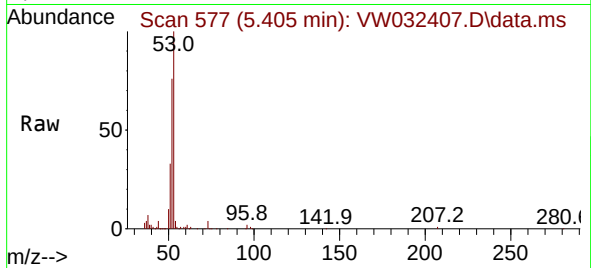




#15
Acrylonitrile
Concen: 51.232 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

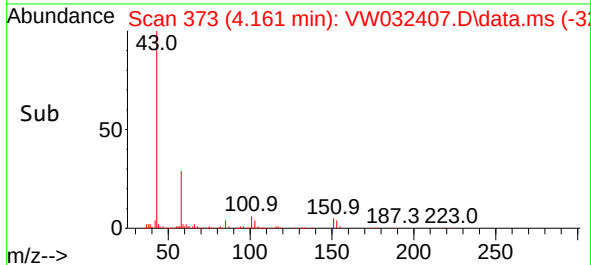
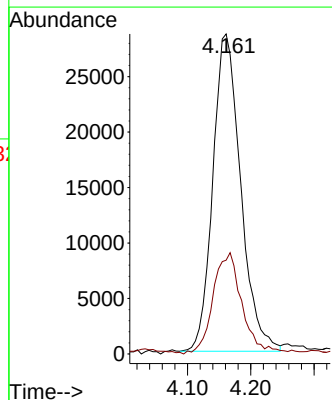
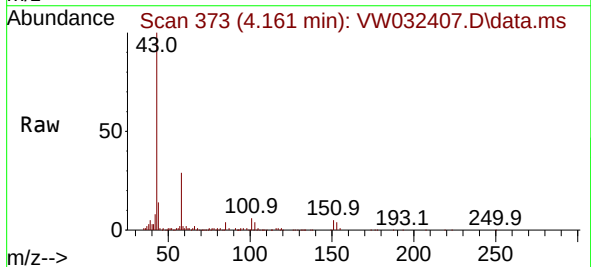
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

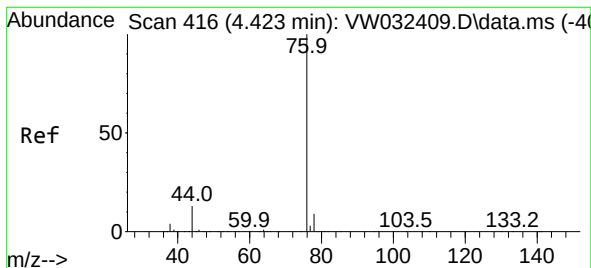
Tgt Ion:	53	Resp:	93953
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.4	99.6
51	36.3	28.6	43.0



#16
Acetone
Concen: 50.210 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion:	43	Resp:	87310
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.8	37.2





#17

Carbon Disulfide

Concen: 9.909 ug/l

RT: 4.417 min Scan# 416

Delta R.T. -0.006 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

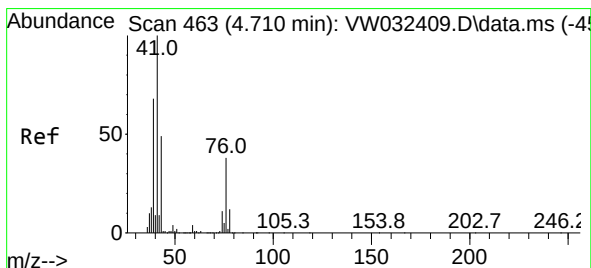
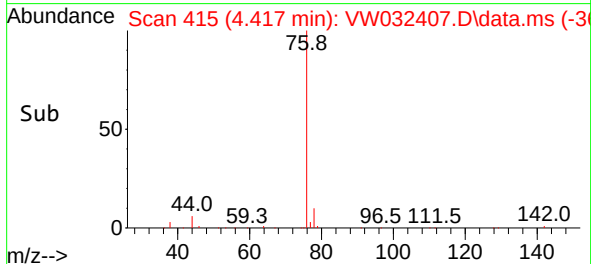
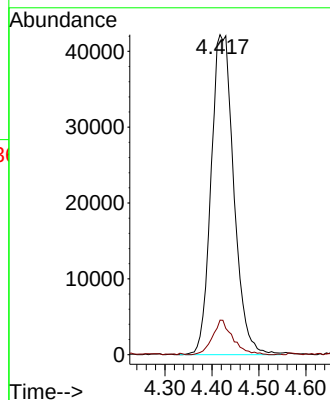
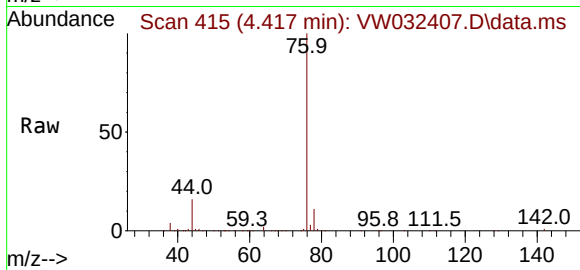
VSTDICC010

Tgt Ion: 76 Resp: 141915

Ion Ratio Lower Upper

76 100

78 10.7 7.6 11.4



#18

Methyl Acetate

Concen: 10.339 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW032407.D

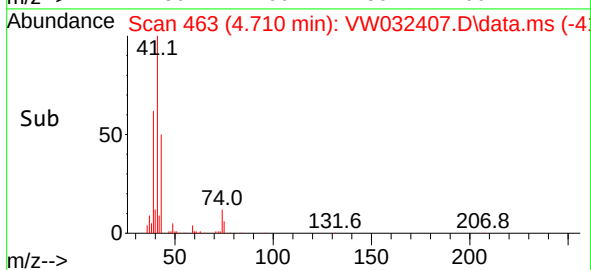
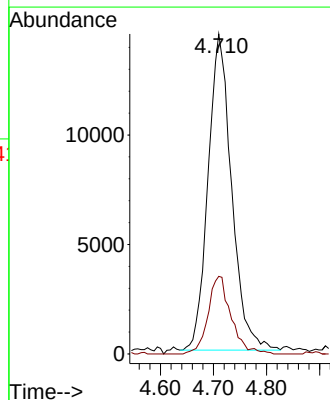
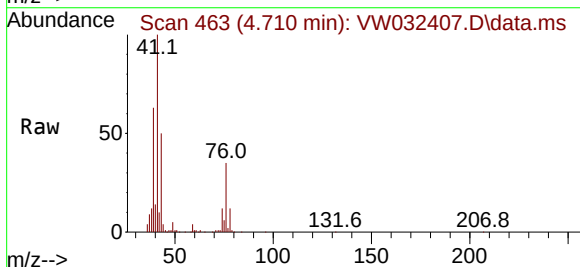
Acq: 10 Nov 2025 15:33

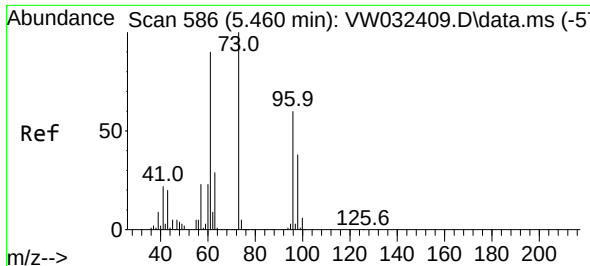
Tgt Ion: 43 Resp: 44520

Ion Ratio Lower Upper

43 100

74 24.0 18.9 28.3

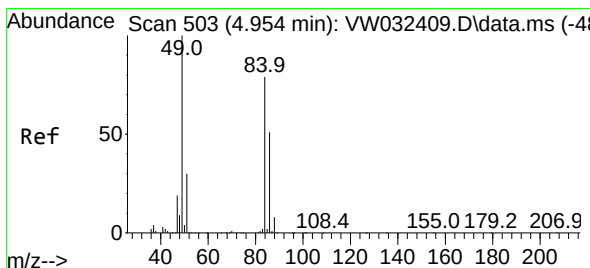
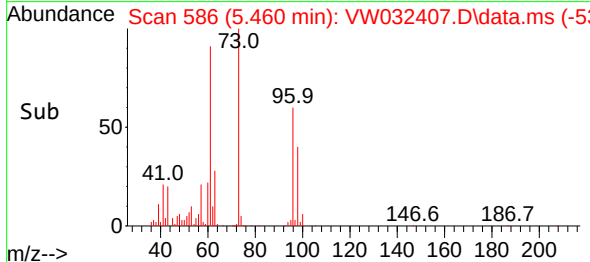
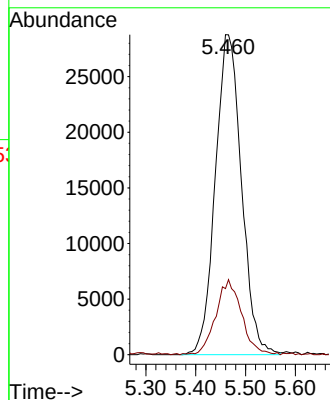
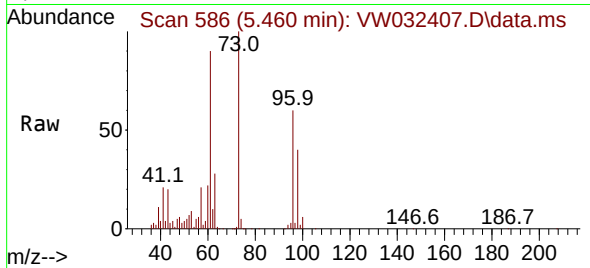




#19
Methyl tert-butyl Ether
Concen: 10.268 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

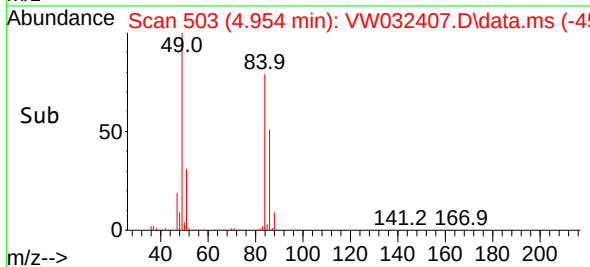
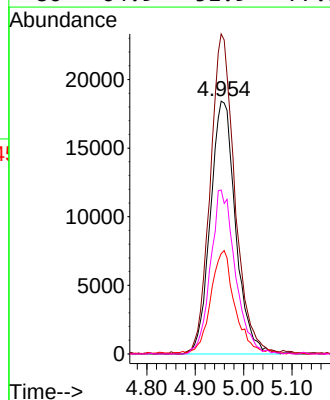
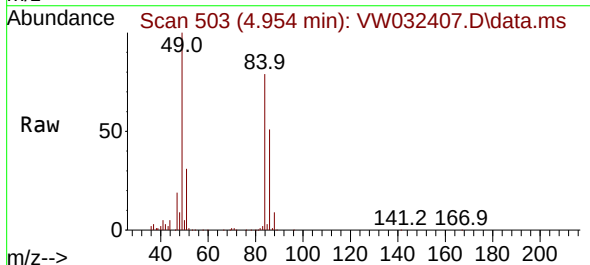
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

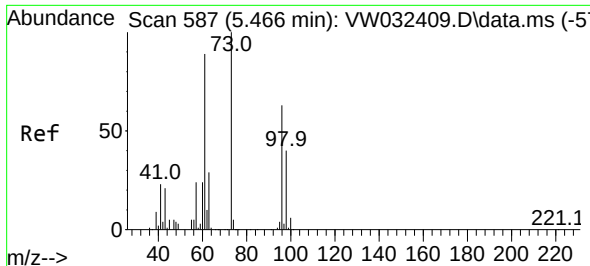
Tgt Ion: 73 Resp: 104889
Ion Ratio Lower Upper
73 100
57 20.6 18.3 27.5



#20
Methylene Chloride
Concen: 10.741 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 84 Resp: 66798
Ion Ratio Lower Upper
84 100
49 126.6 101.5 152.3
51 39.2 30.6 46.0
86 64.9 51.9 77.9

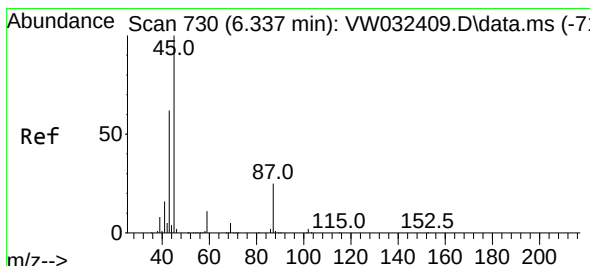
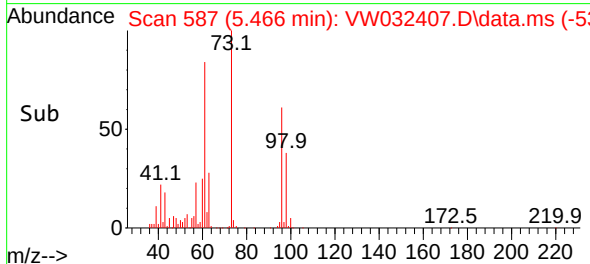
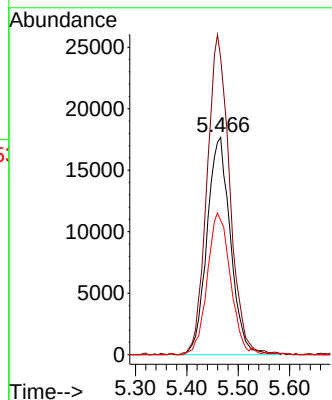
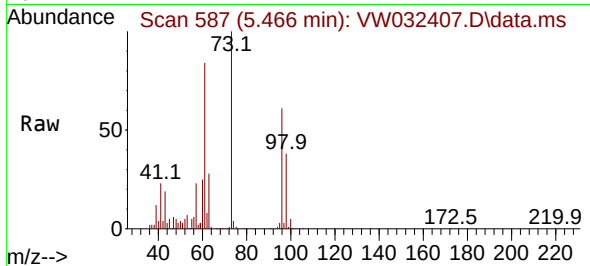




#21
trans-1,2-Dichloroethene
Concen: 10.078 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

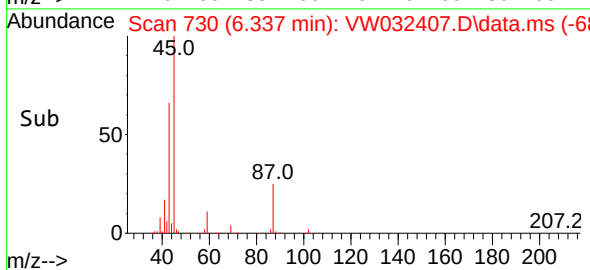
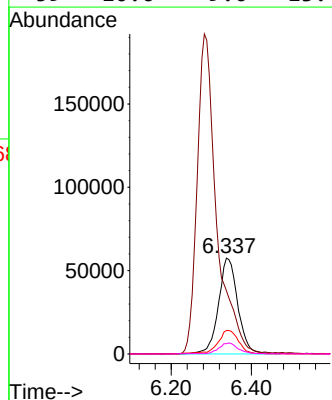
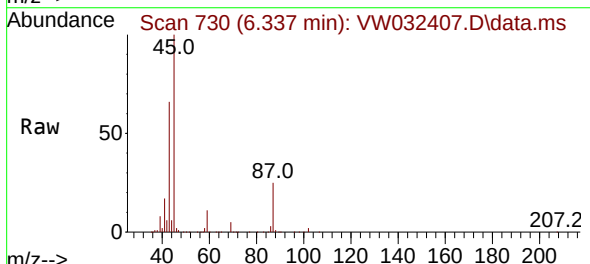
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

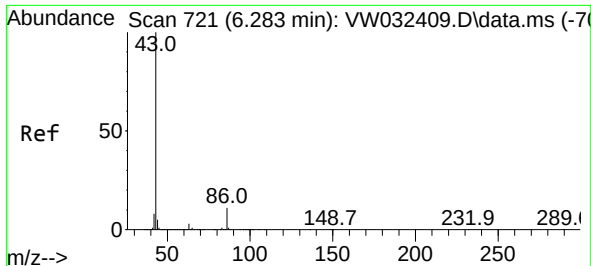
Tgt Ion: 96 Resp: 55842
Ion Ratio Lower Upper
96 100
61 136.5 112.5 168.7
98 61.3 51.1 76.7



#22
Diisopropyl ether
Concen: 10.130 ug/l
RT: 6.337 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 45 Resp: 192206
Ion Ratio Lower Upper
45 100
43 65.5 49.4 74.2
87 24.4 20.1 30.1
59 10.6 9.0 13.4

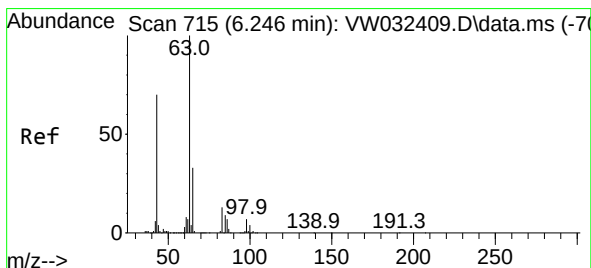
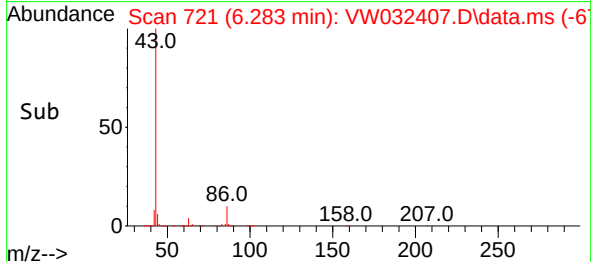
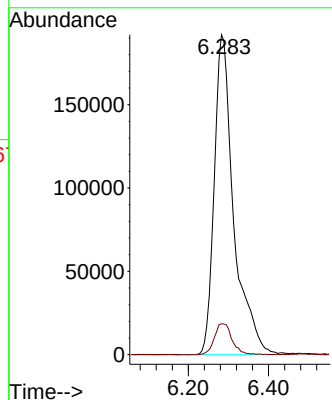
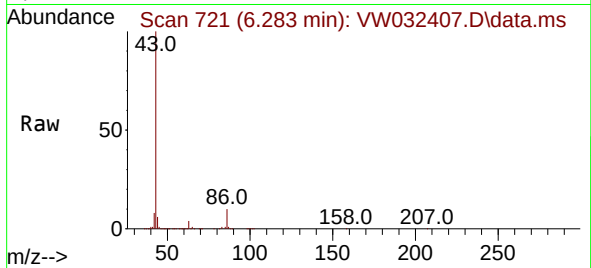




#23
 Vinyl Acetate
 Concen: 49.745 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

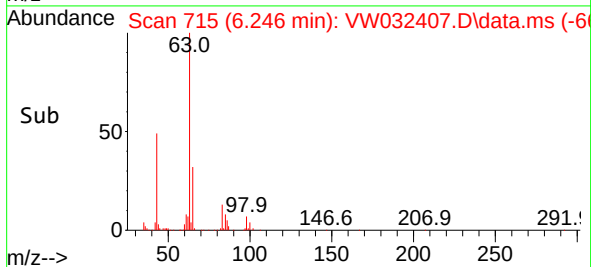
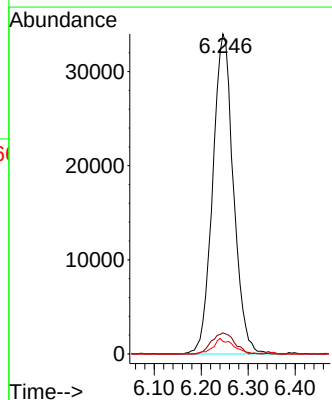
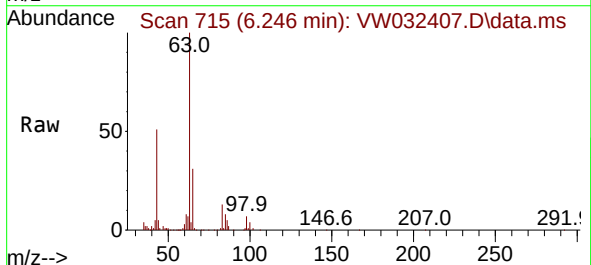
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

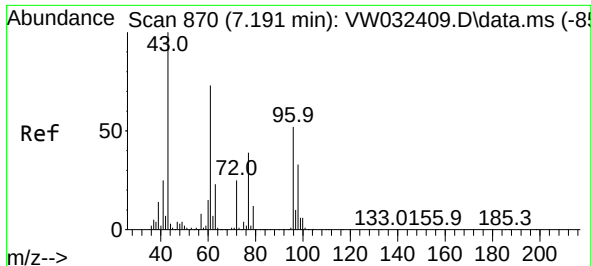
Tgt Ion: 43 Resp: 646655
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 10.023 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

Tgt Ion: 63 Resp: 104196
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 3.9 2.3 6.8

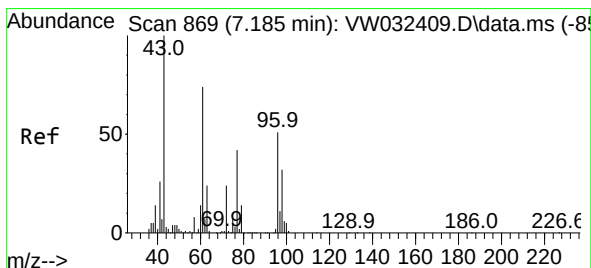
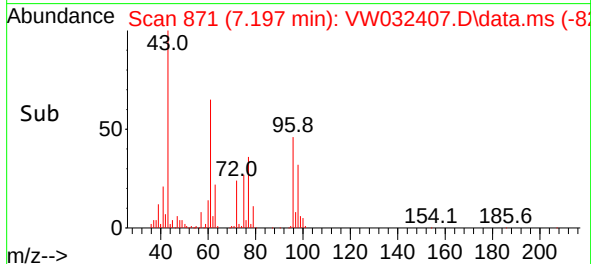
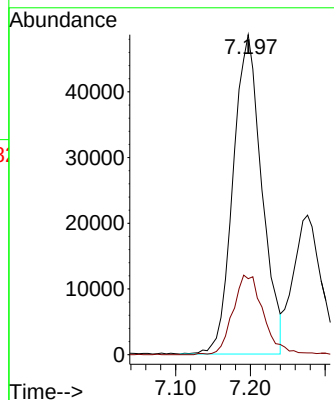
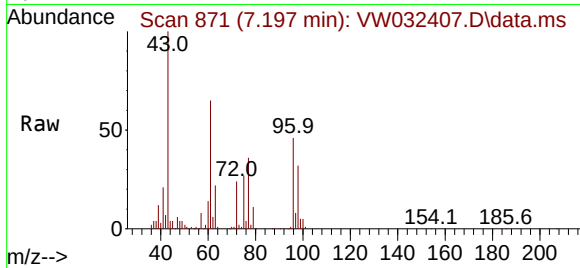




#25
2-Butanone
Concen: 50.732 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

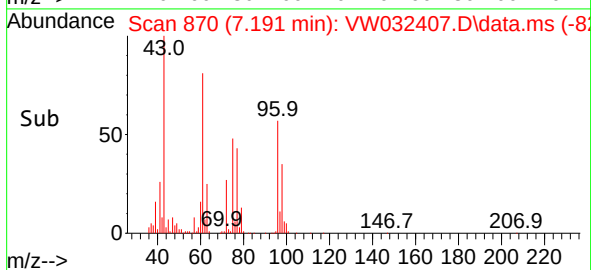
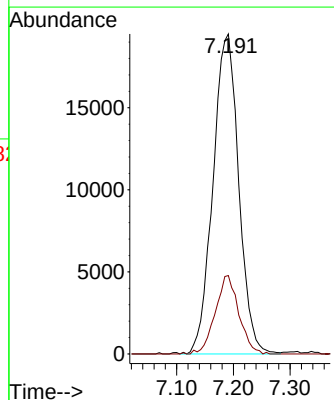
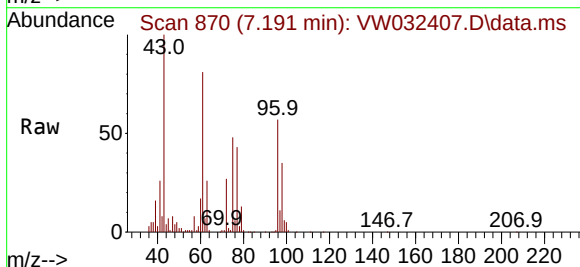
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

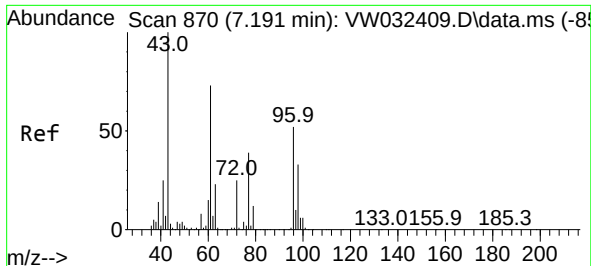
Tgt Ion: 43 Resp: 129968
Ion Ratio Lower Upper
43 100
72 23.8 20.0 30.0



#26
2,2-Dichloropropane
Concen: 10.593 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 77 Resp: 61367
Ion Ratio Lower Upper
77 100
97 22.4 12.3 36.8

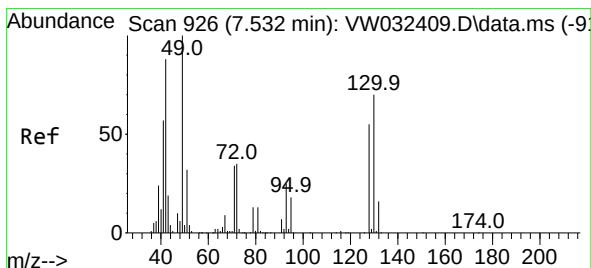
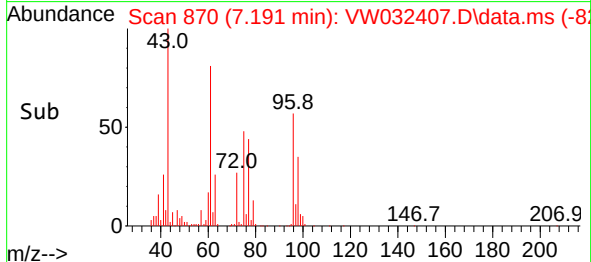
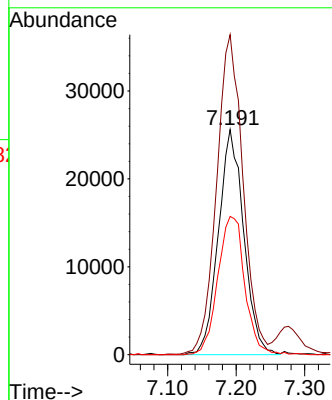
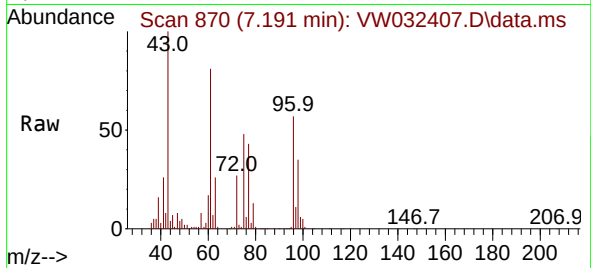




#27
 cis-1,2-Dichloroethene
 Concen: 9.904 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

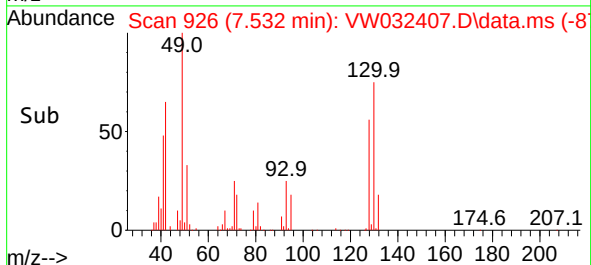
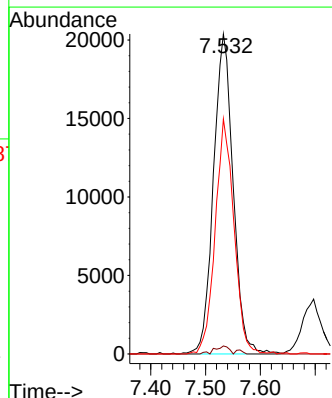
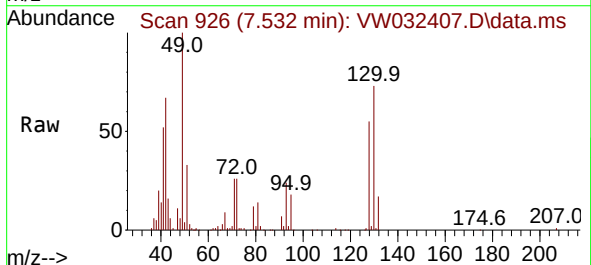
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

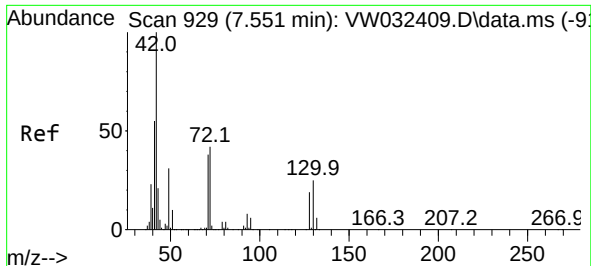
Tgt Ion: 96 Resp: 65574
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 282.6
 98 65.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 10.338 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

Tgt Ion: 49 Resp: 50794
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 70.1 56.9 85.3





#29

Tetrahydrofuran

Concen: 50.359 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

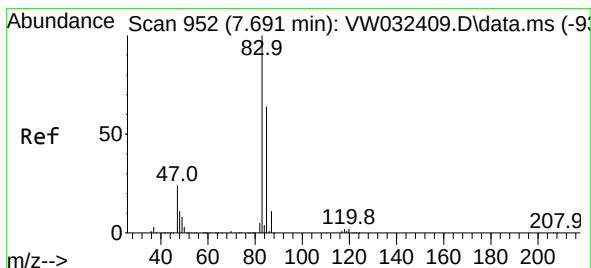
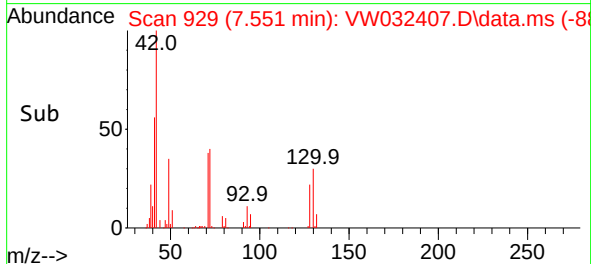
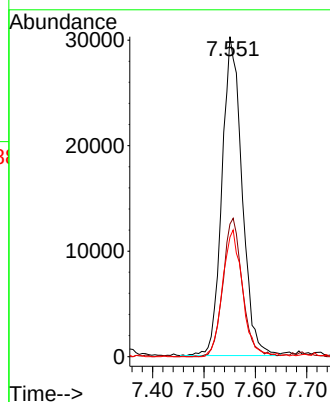
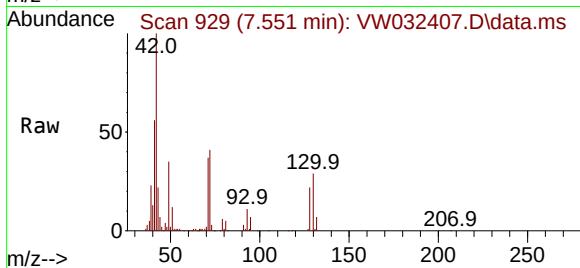
Tgt Ion: 42 Resp: 81885

Ion Ratio Lower Upper

42 100

72 42.2 33.6 50.4

71 39.9 31.4 47.0



#30

Chloroform

Concen: 10.322 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032407.D

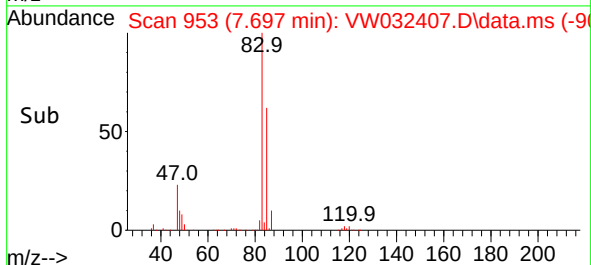
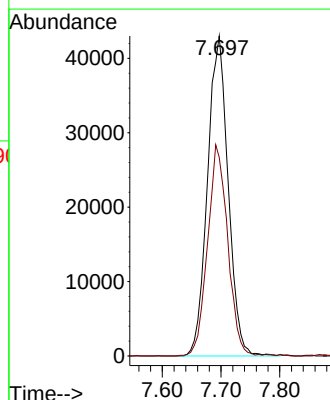
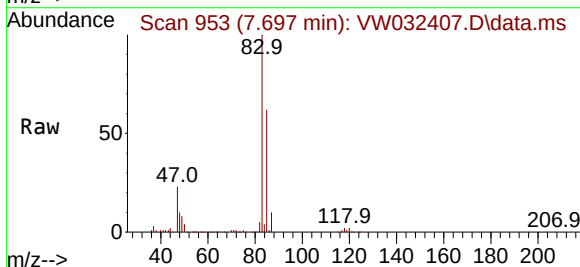
Acq: 10 Nov 2025 15:33

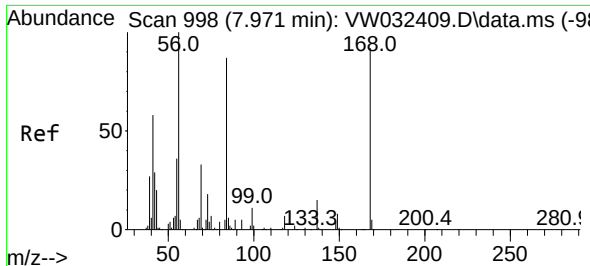
Tgt Ion: 83 Resp: 105045

Ion Ratio Lower Upper

83 100

85 61.8 51.0 76.4

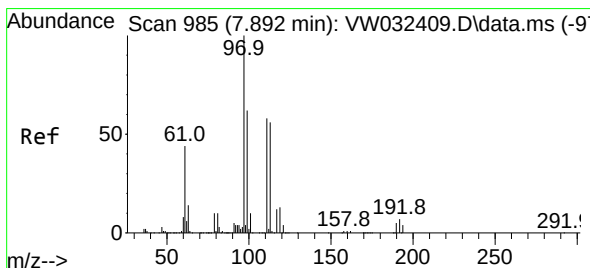
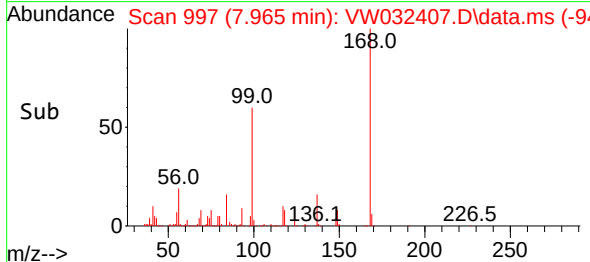
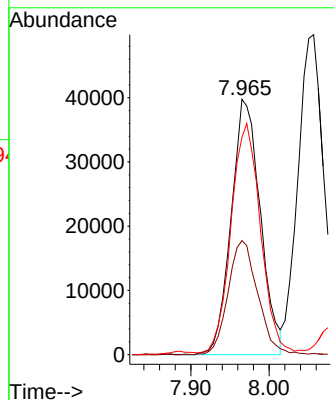
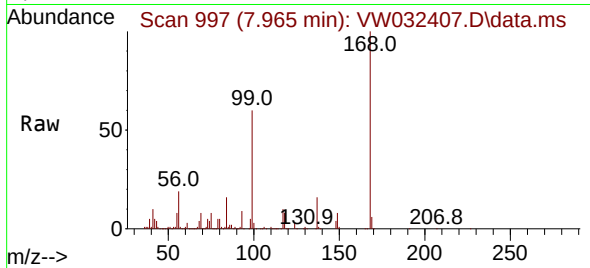




#31
Cyclohexane
Concen: 10.699 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

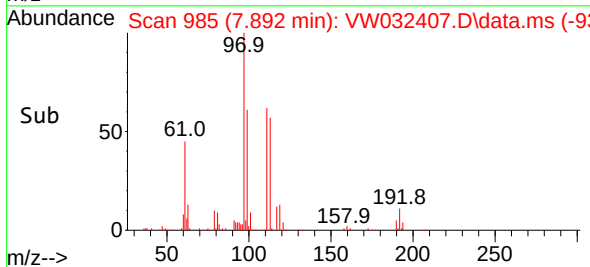
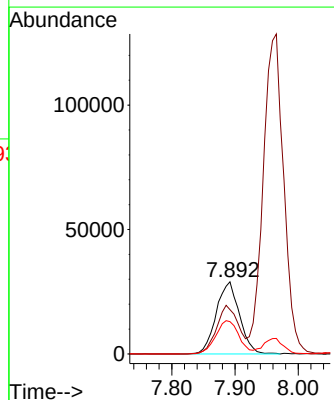
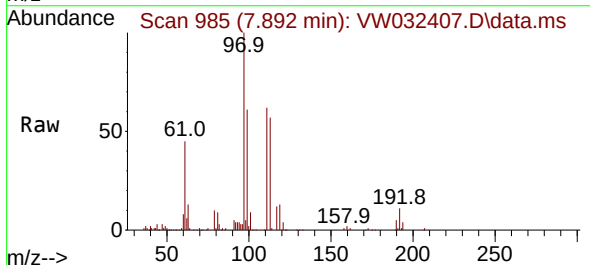
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

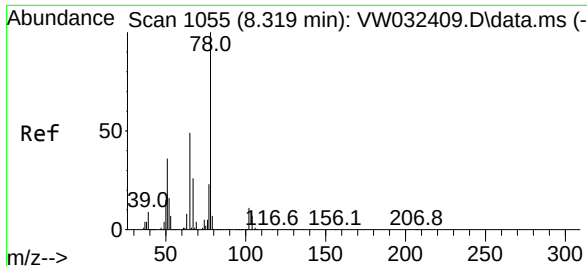
Tgt Ion: 56 Resp: 102879
Ion Ratio Lower Upper
56 100
69 44.5 26.5 39.7#
84 83.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 10.172 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 97 Resp: 73948
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.8
61 46.1 35.5 53.3

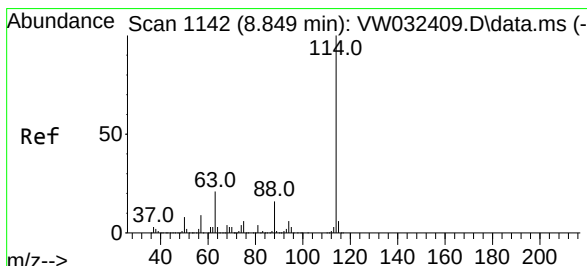
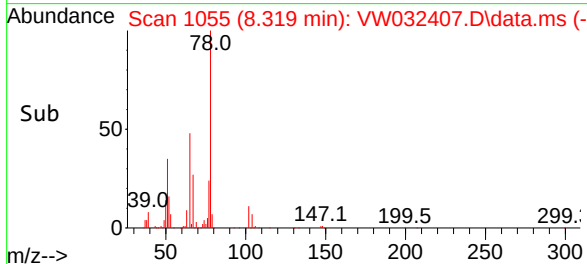
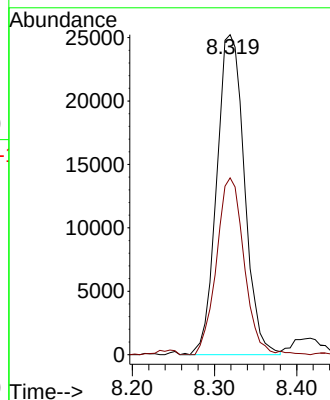
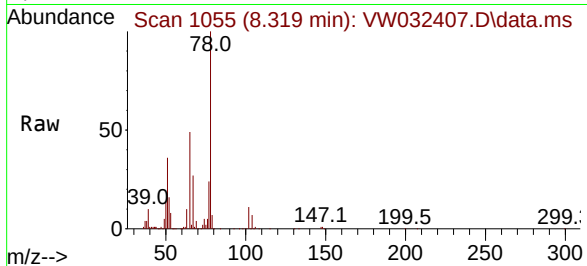




#33
 1,2-Dichloroethane-d4
 Concen: 10.151 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

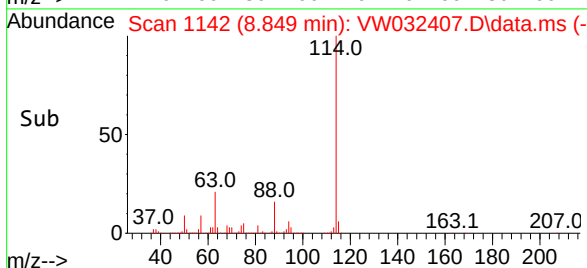
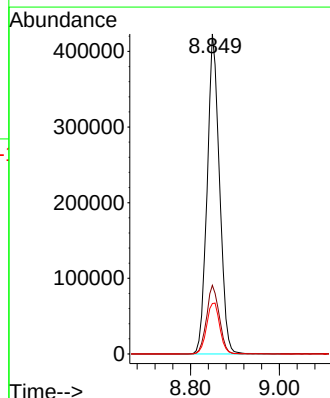
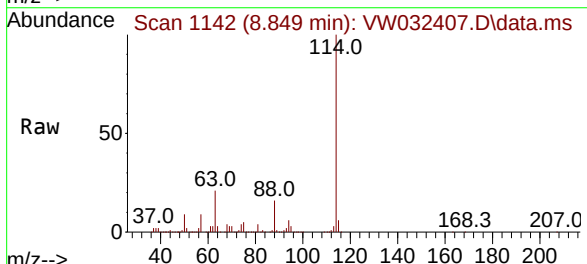
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

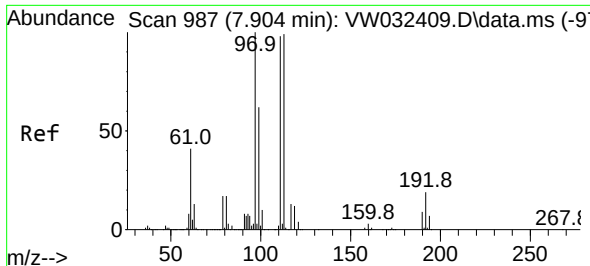
Tgt Ion: 65 Resp: 59003
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

Tgt Ion: 114 Resp: 819351
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.8
 88 15.8 0.0 32.6

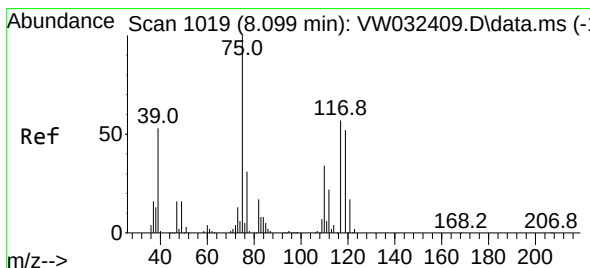
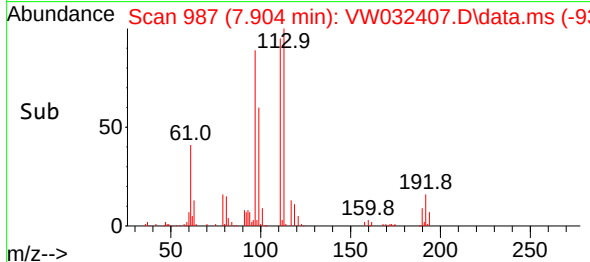
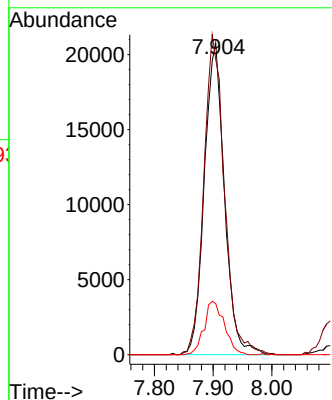
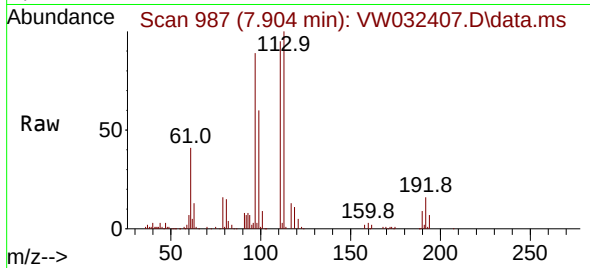




#35
Dibromofluoromethane
Concen: 10.100 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

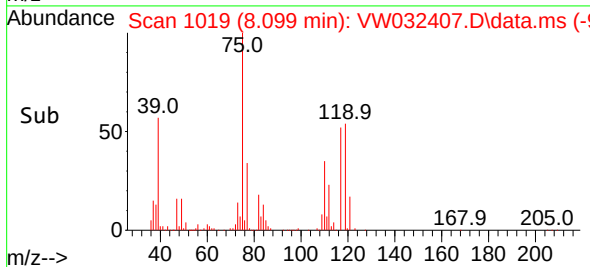
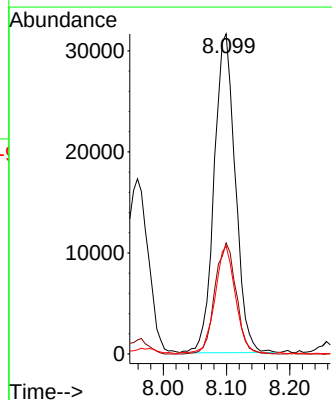
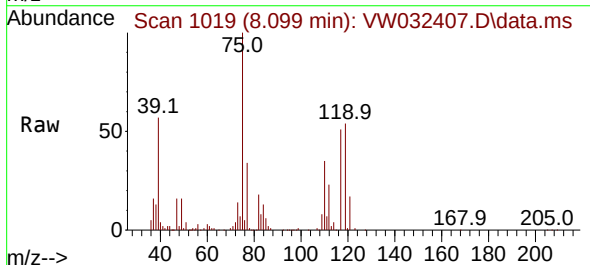
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

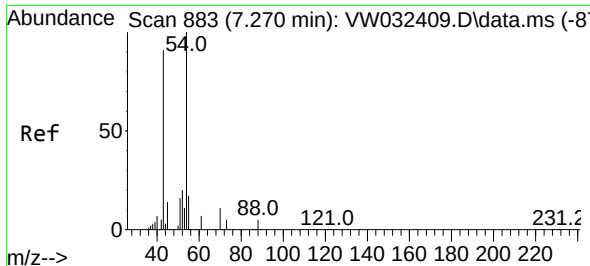
Tgt Ion:113 Resp: 49546
Ion Ratio Lower Upper
113 100
111 104.5 83.1 124.7
192 17.3 13.4 20.2



#36
1,1-Dichloropropene
Concen: 10.138 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 75 Resp: 73275
Ion Ratio Lower Upper
75 100
110 35.0 17.2 51.5
77 33.2 24.5 36.7

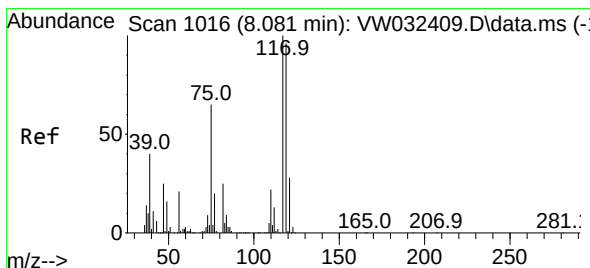
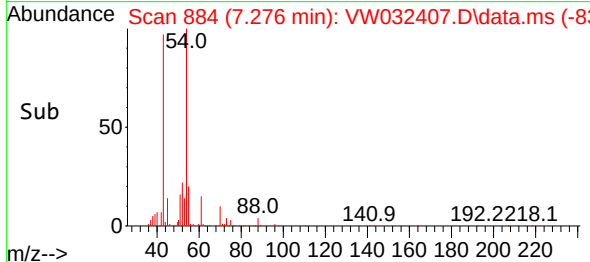
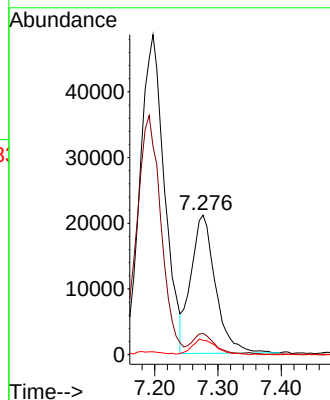
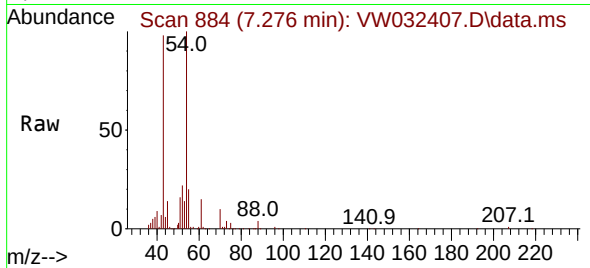




#37
Ethyl Acetate
Concen: 10.580 ug/l
RT: 7.276 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

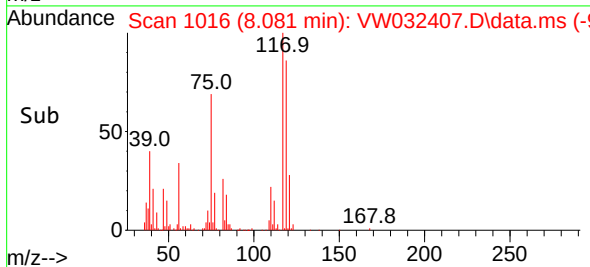
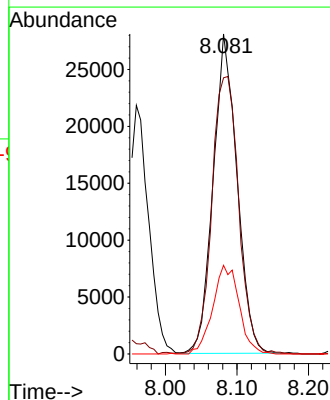
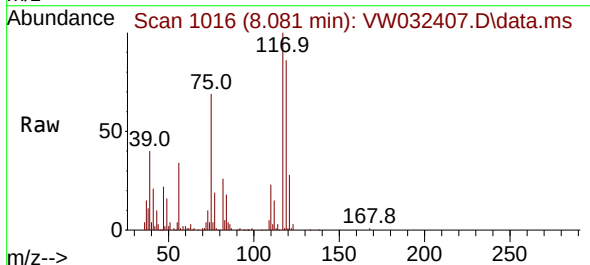
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

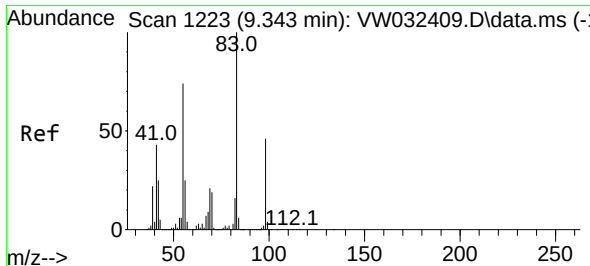
Tgt Ion: 43 Resp: 56863
Ion Ratio Lower Upper
43 100
61 12.7 11.0 16.6
70 10.9 8.3 12.5



#38
Carbon Tetrachloride
Concen: 10.144 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 117 Resp: 65150
Ion Ratio Lower Upper
117 100
119 86.3 77.0 115.4
121 27.8 22.0 33.0

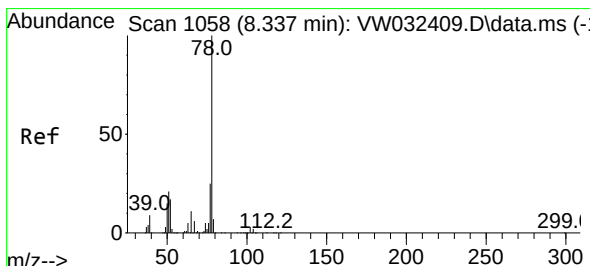
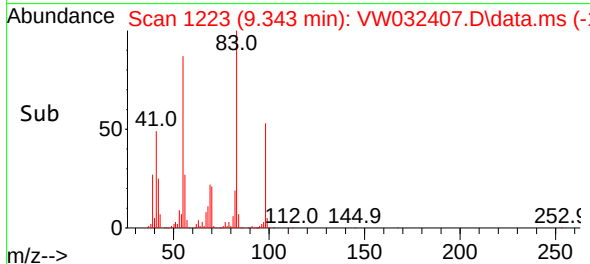
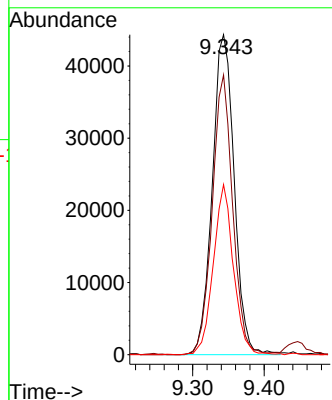
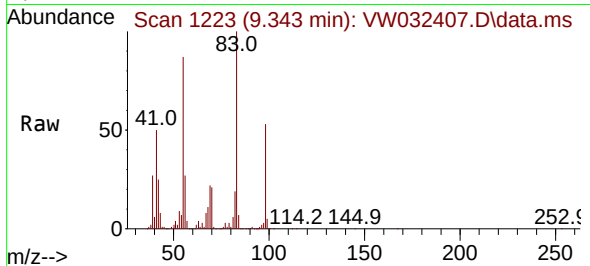




#39
Methylcyclohexane
Concen: 10.071 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

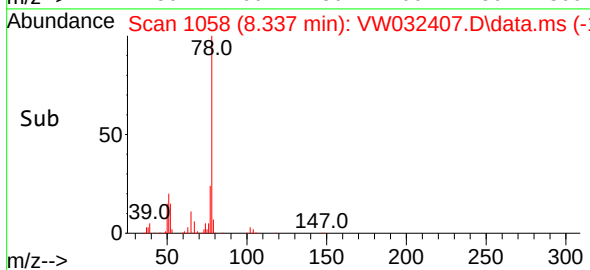
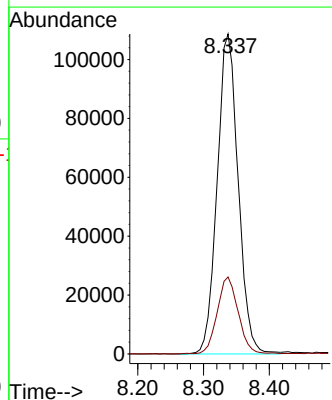
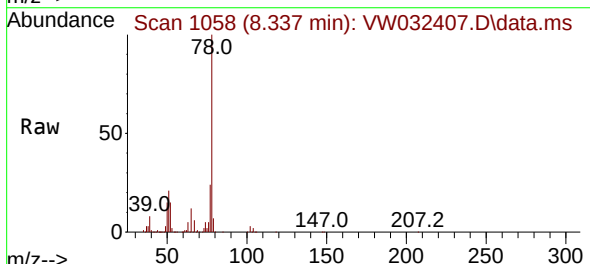
Instrument :
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ClientSampleId :
VSTDICC010

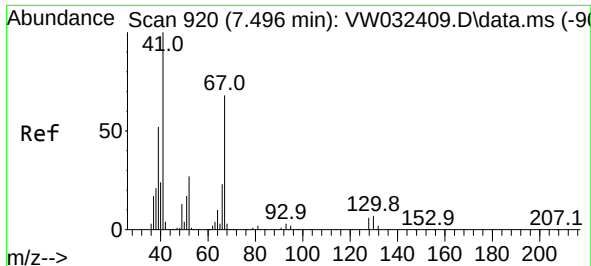
Tgt Ion: 83 Resp: 94305
Ion Ratio Lower Upper
83 100
55 87.4 59.2 88.8
98 53.2 36.6 54.8



#40
Benzene
Concen: 10.371 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 78 Resp: 241413
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4

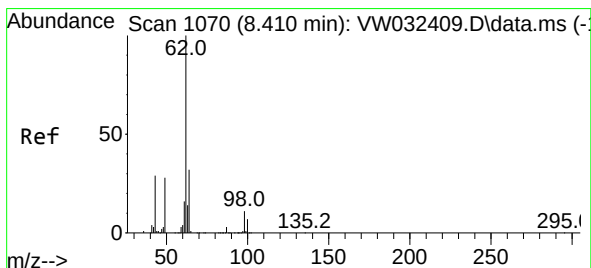
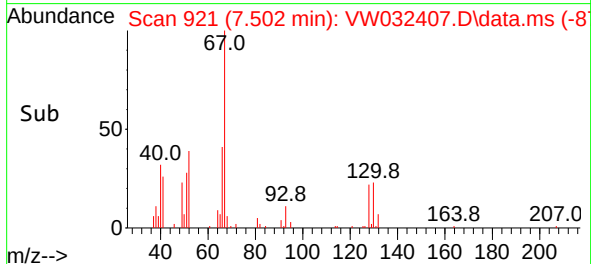
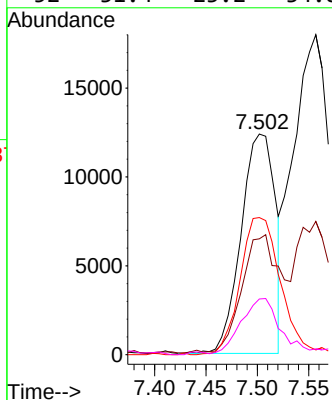
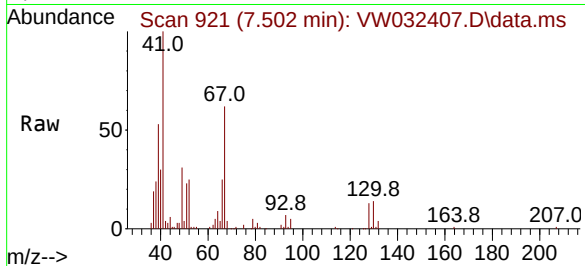




#41
Methacrylonitrile
Concen: 9.641 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

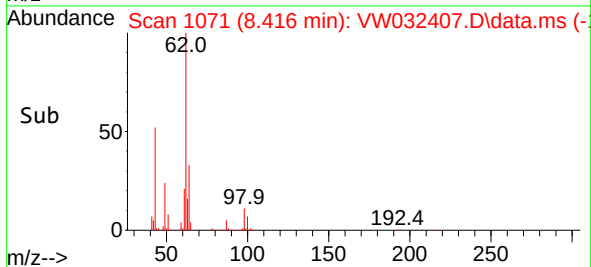
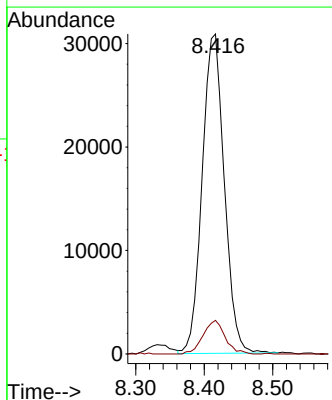
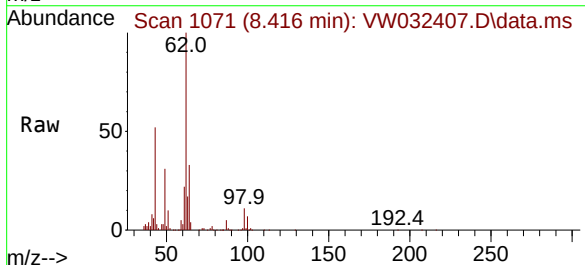
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

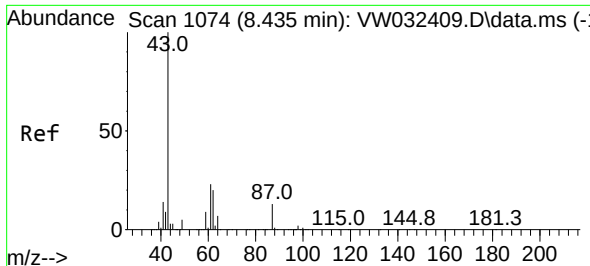
Tgt Ion:	41	Resp:	28465
Ion	Ratio	Lower	Upper
41	100		
39	62.7	44.6	66.8
67	75.1	57.6	86.4
52	31.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 10.143 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion:	62	Resp:	69346
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2

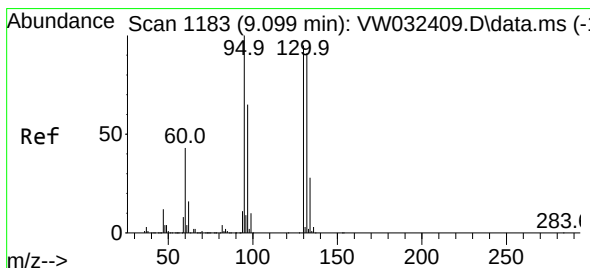
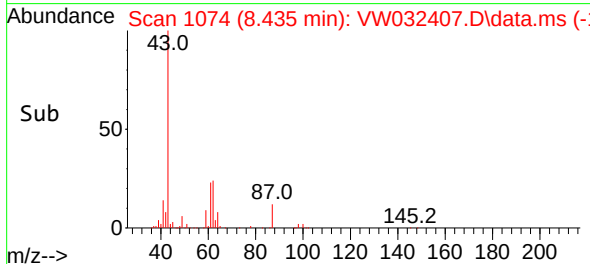
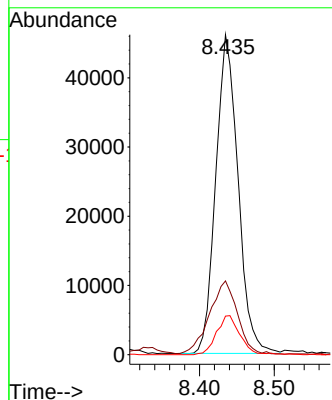
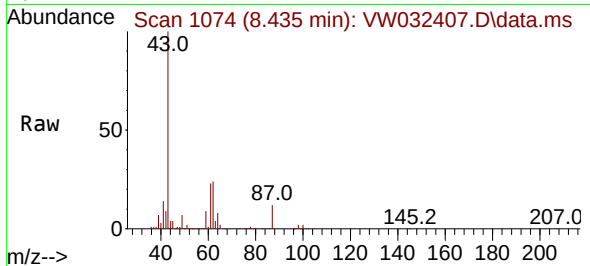




#43
Isopropyl Acetate
Concen: 10.036 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

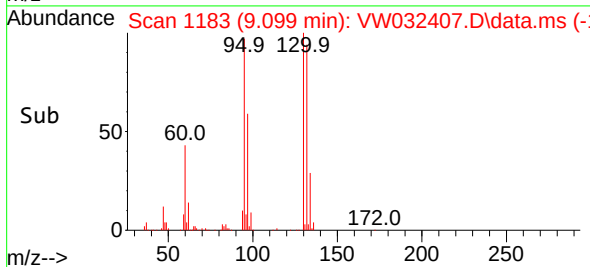
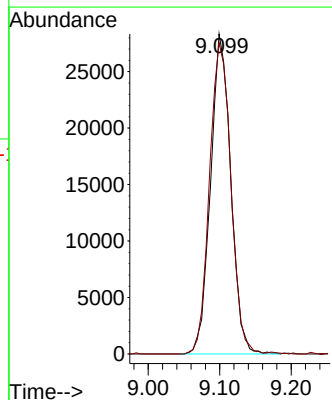
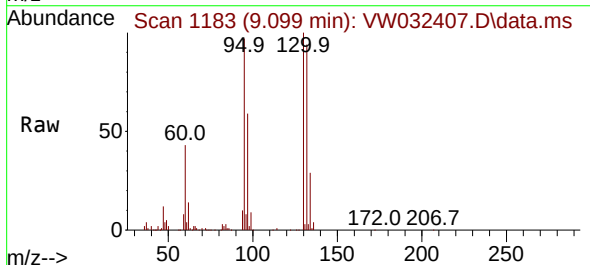
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ClientSampleId :
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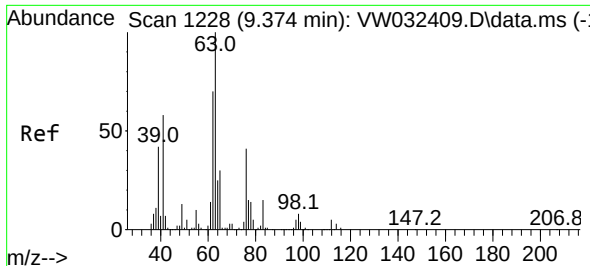
Tgt Ion: 43 Resp: 95514
Ion Ratio Lower Upper
43 100
61 29.1 22.6 33.8
87 13.0 10.6 15.8



#44
Trichloroethene
Concen: 10.274 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 130 Resp: 55649
Ion Ratio Lower Upper
130 100
95 97.3 0.0 209.6





#45

1,2-Dichloropropane

Concen: 10.186 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

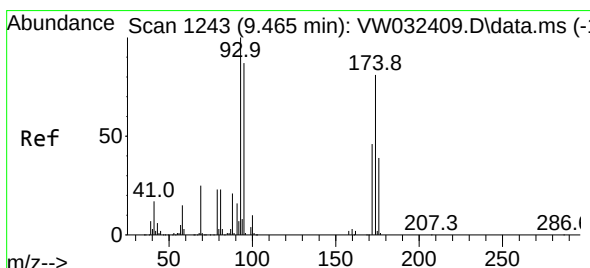
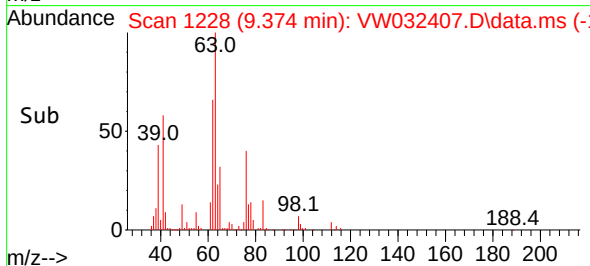
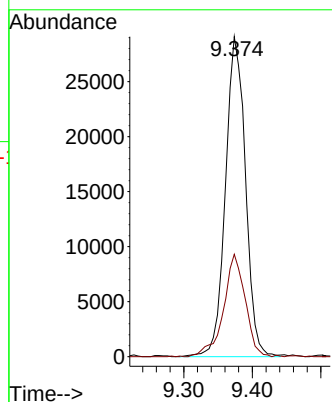
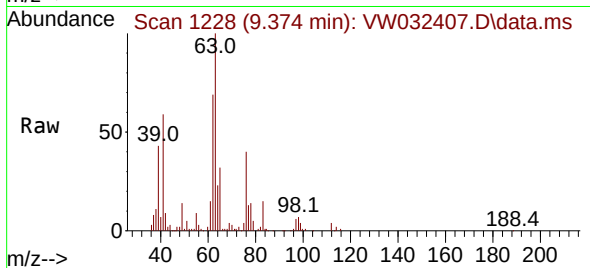
VSTDIC010

Tgt Ion: 63 Resp: 59038

Ion Ratio Lower Upper

63 100

65 31.8 24.4 36.6



#46

Dibromomethane

Concen: 10.162 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

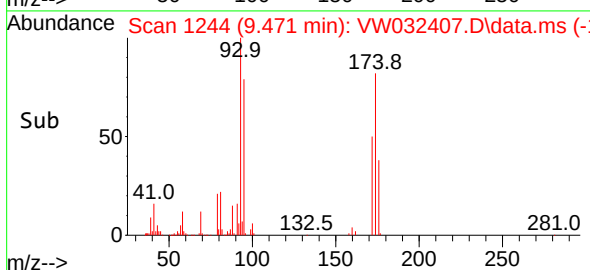
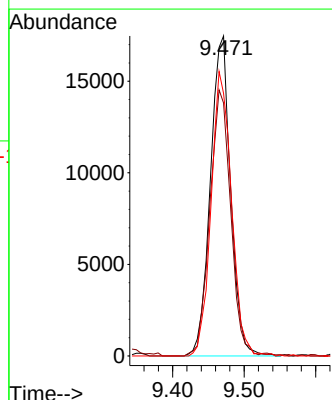
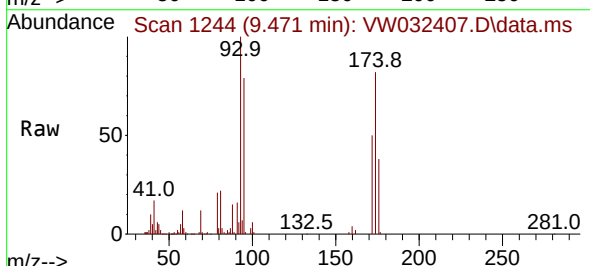
Tgt Ion: 93 Resp: 34419

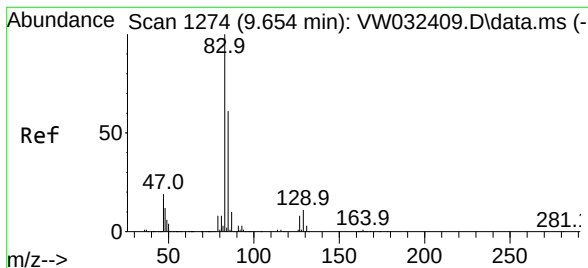
Ion Ratio Lower Upper

93 100

95 85.1 67.1 100.7

174 89.5 68.2 102.4





#47

Bromodichloromethane

Concen: 9.942 ug/l

RT: 9.648 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

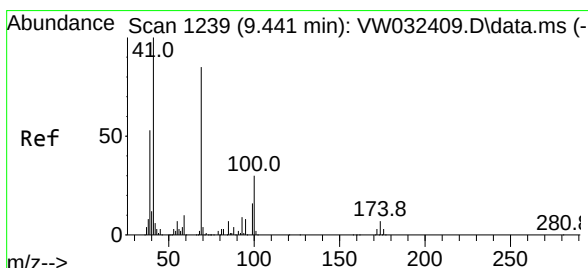
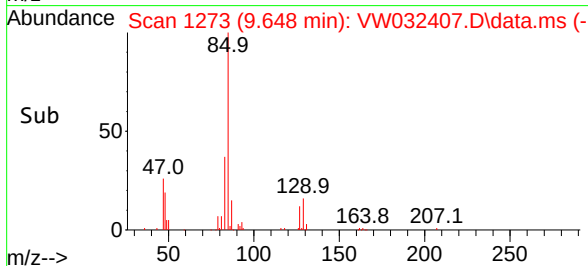
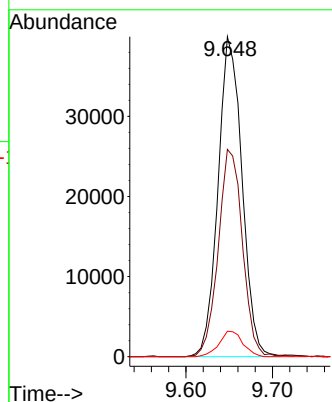
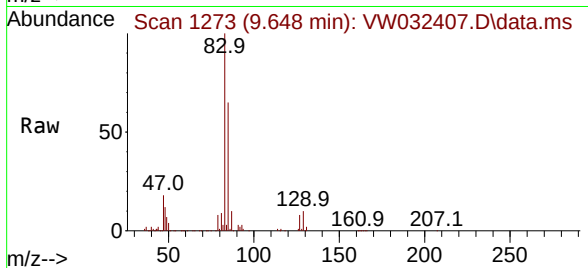
Tgt Ion: 83 Resp: 76814

Ion Ratio Lower Upper

83 100

85 64.8 48.7 73.1

127 8.0 6.3 9.5



#48

Methyl methacrylate

Concen: 9.461 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

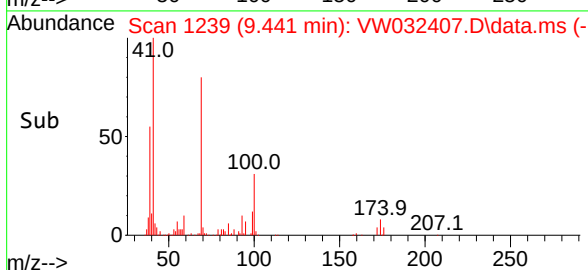
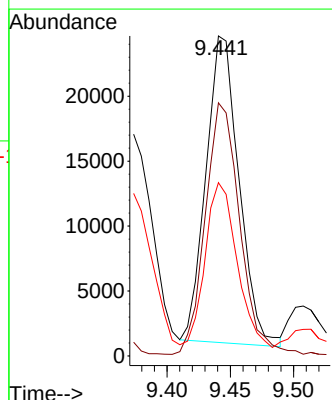
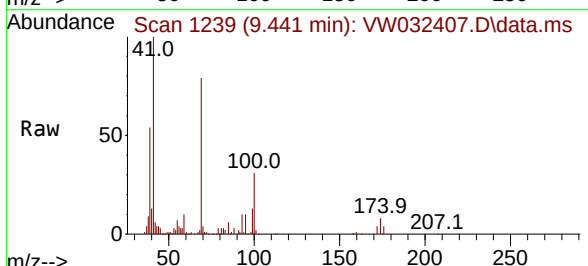
Tgt Ion: 41 Resp: 42787

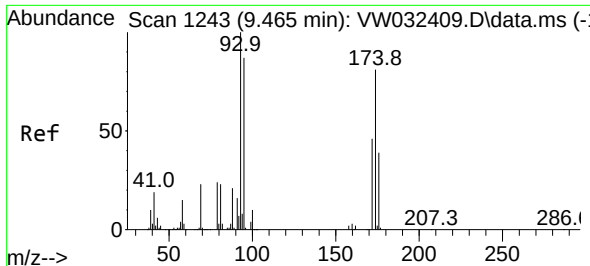
Ion Ratio Lower Upper

41 100

69 86.5 65.8 98.6

39 52.1 38.6 57.8

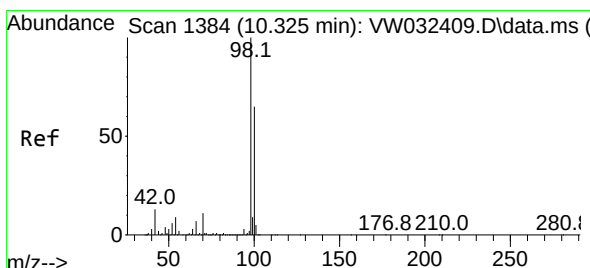
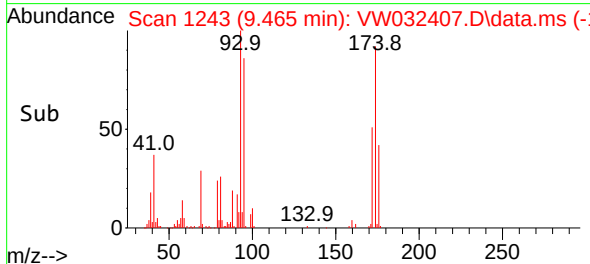
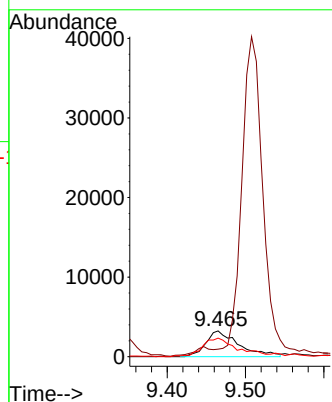
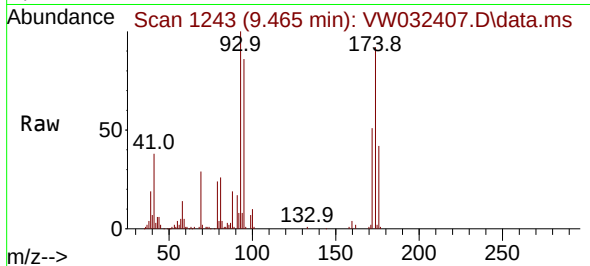




#49
1,4-Dioxane
Concen: 201.067 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

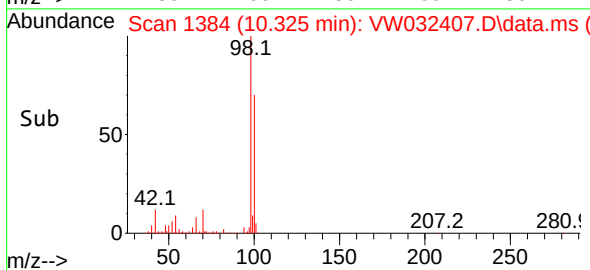
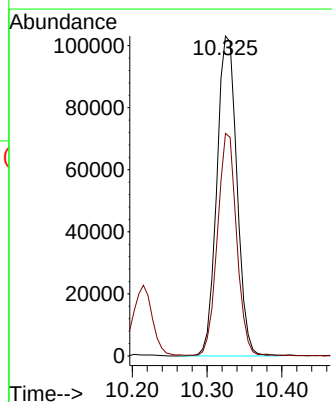
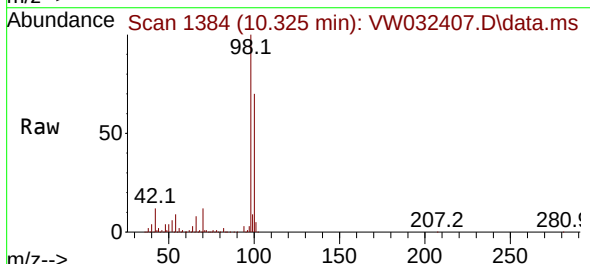
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

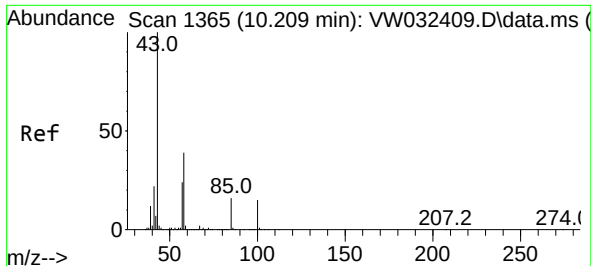
Tgt Ion: 88 Resp: 9540
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.4 63.0 94.4



#50
Toluene-d8
Concen: 10.240 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 98 Resp: 192718
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9

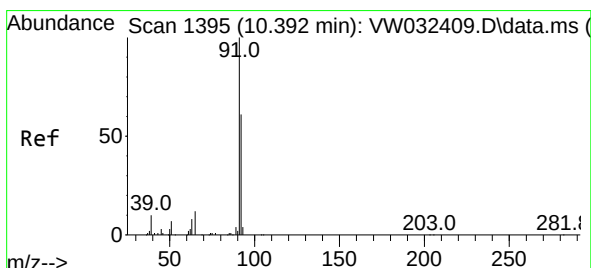
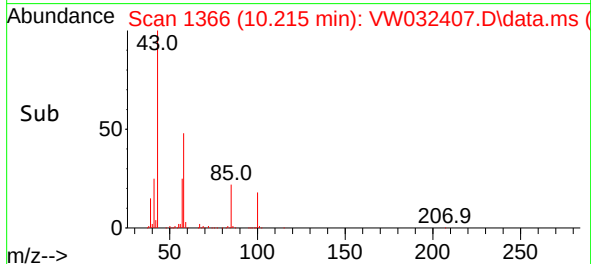
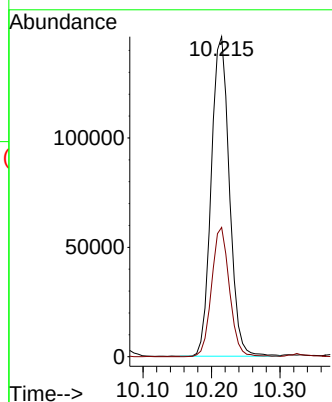
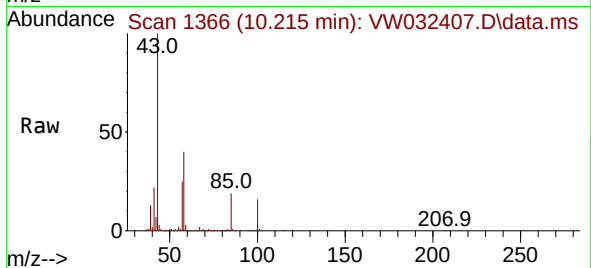




#51
4-Methyl-2-Pentanone
Concen: 51.163 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

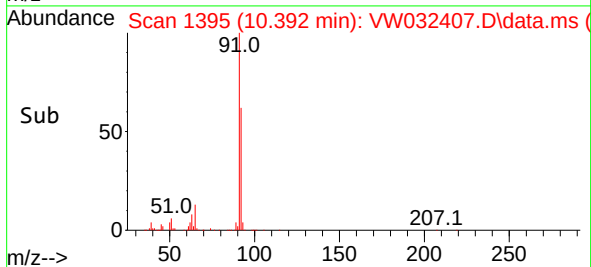
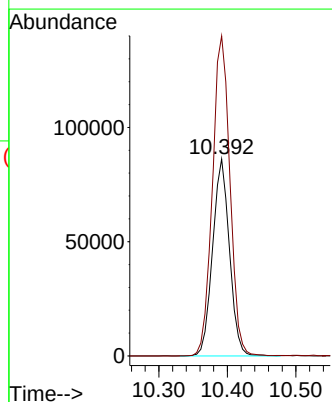
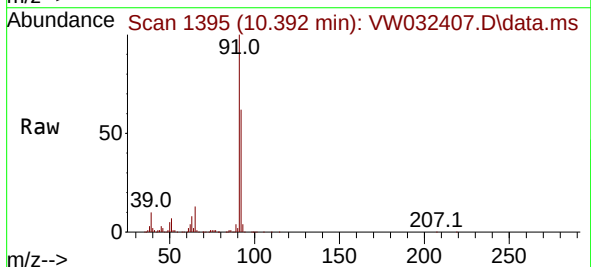
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

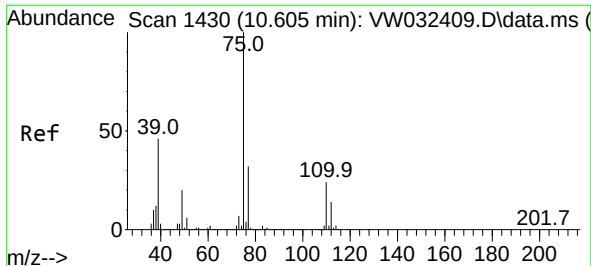
Tgt Ion: 43 Resp: 269178
Ion Ratio Lower Upper
43 100
58 39.9 31.4 47.2



#52
Toluene
Concen: 10.214 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 92 Resp: 146853
Ion Ratio Lower Upper
92 100
91 169.0 136.6 205.0

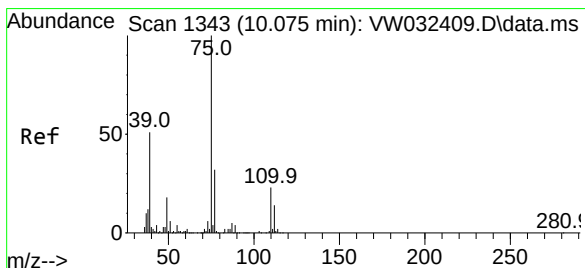
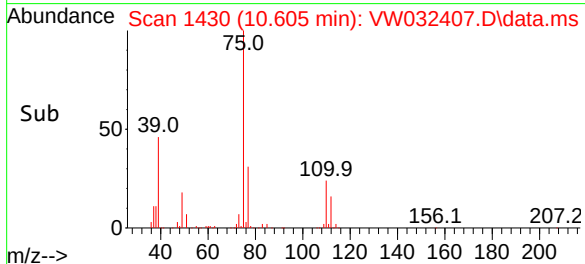
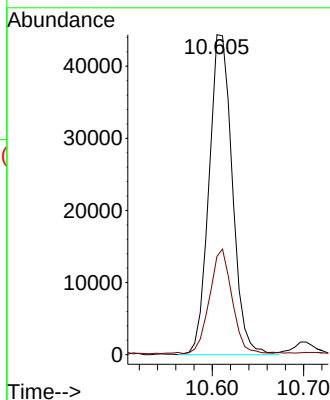
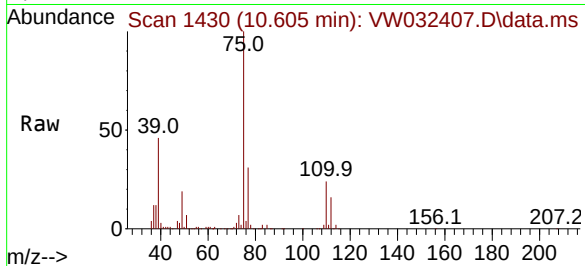




#53
t-1,3-Dichloropropene
Concen: 9.897 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

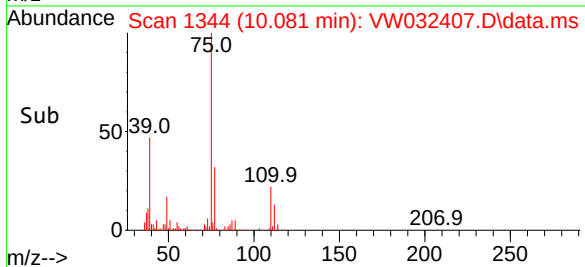
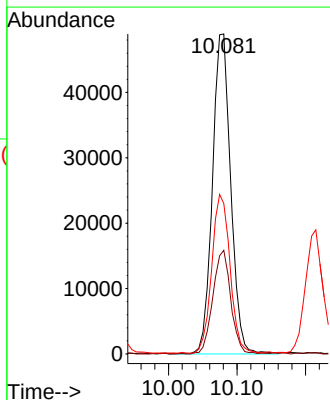
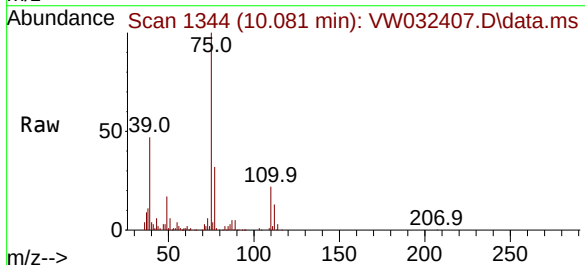
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

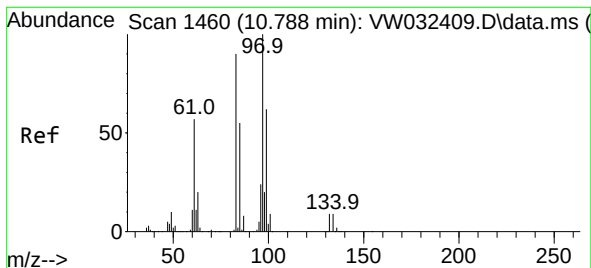
Tgt Ion: 75 Resp: 78747
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 9.845 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 75 Resp: 90589
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
39 46.8 40.7 61.1

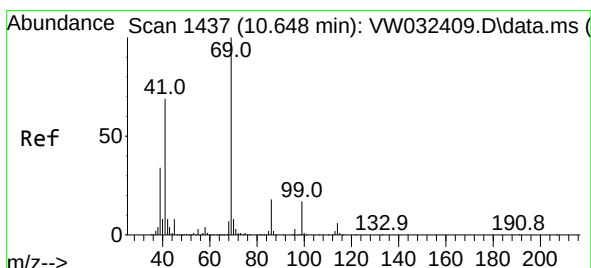
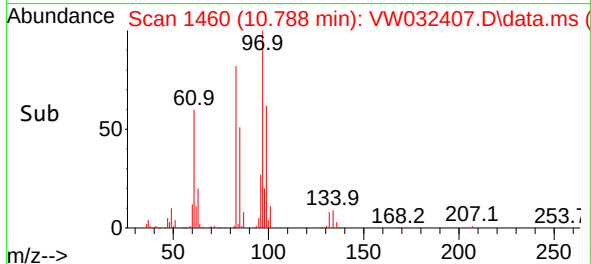
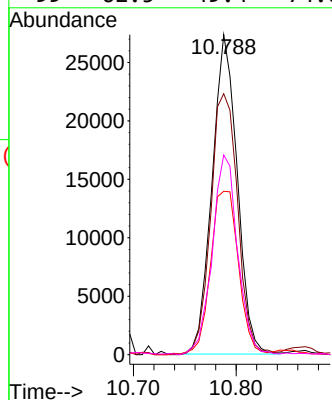
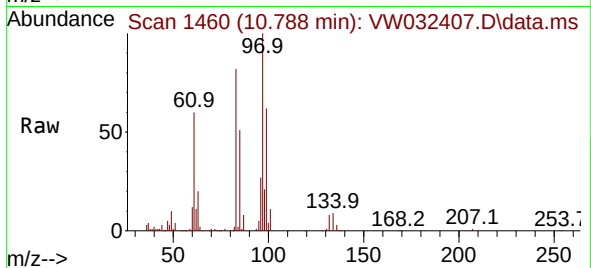




#55
1,1,2-Trichloroethane
Concen: 9.997 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

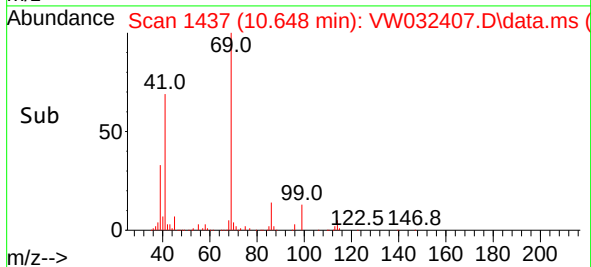
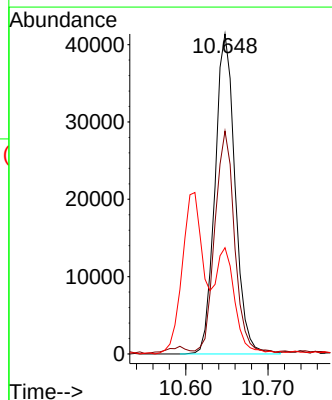
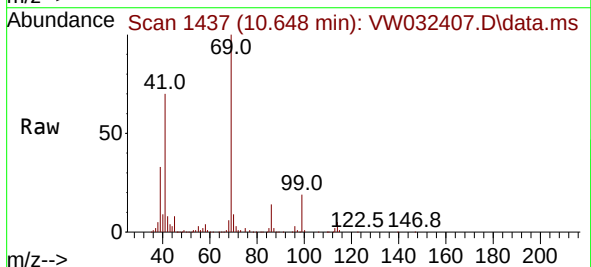
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

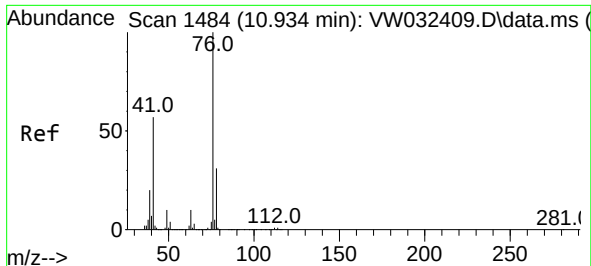
Tgt Ion:	97	Resp:	46448
Ion	Ratio	Lower	Upper
97	100		
83	81.7	72.2	108.4
85	51.0	43.8	65.8
99	62.5	49.4	74.0



#56
Ethyl methacrylate
Concen: 9.836 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion:	69	Resp:	70122
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.4	81.6
39	30.8	25.4	38.0





#57

1,3-Dichloropropane

Concen: 10.213 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

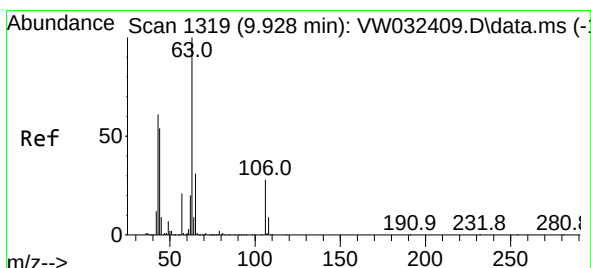
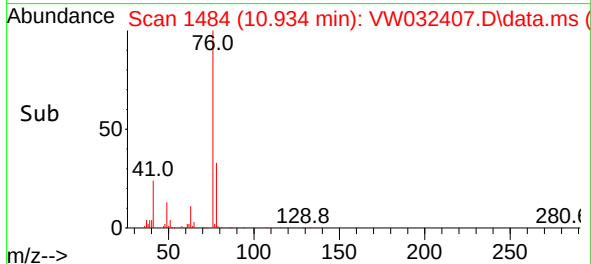
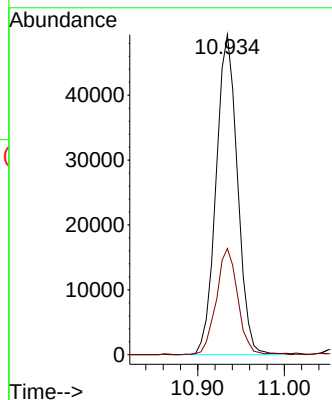
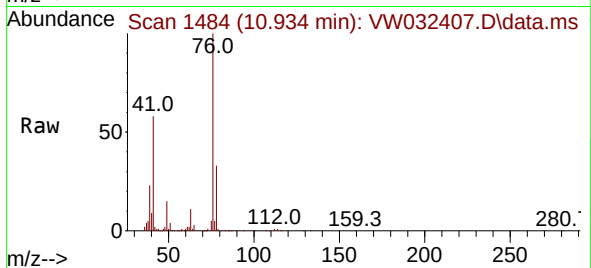
VSTDIC010

Tgt Ion: 76 Resp: 84750

Ion Ratio Lower Upper

76 100

78 33.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 50.910 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032407.D

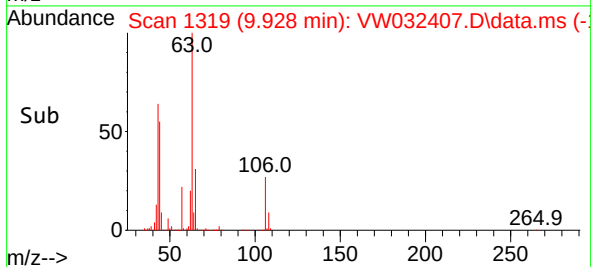
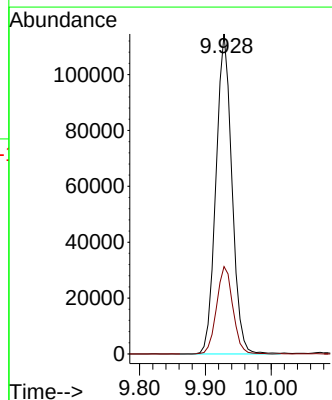
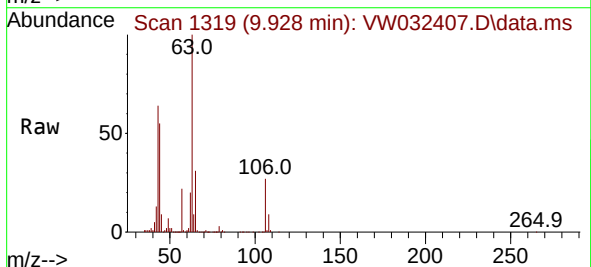
Acq: 10 Nov 2025 15:33

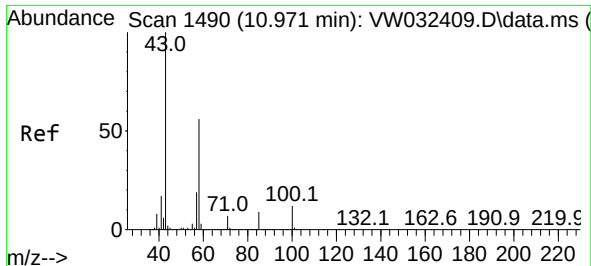
Tgt Ion: 63 Resp: 193282

Ion Ratio Lower Upper

63 100

106 27.8 22.0 33.0

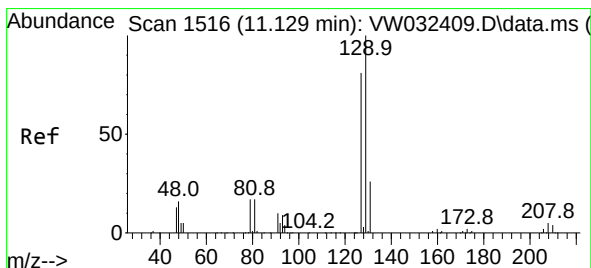
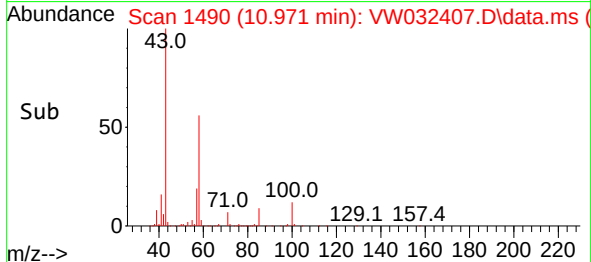
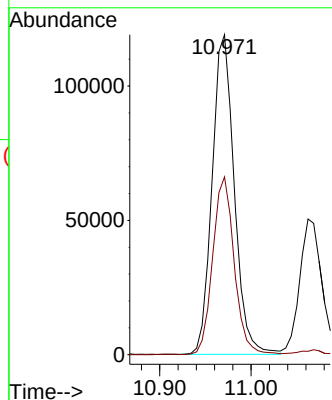
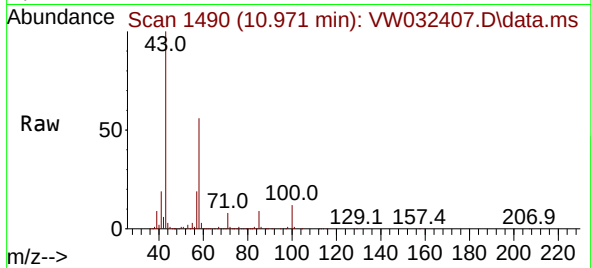




#59
2-Hexanone
Concen: 52.056 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

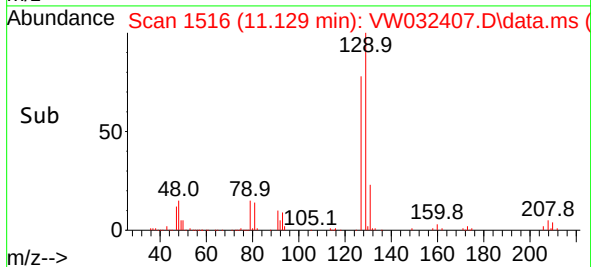
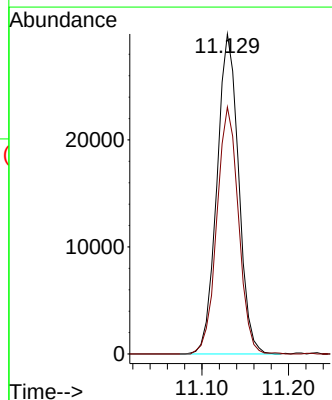
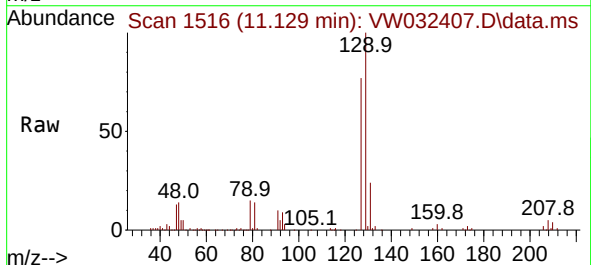
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

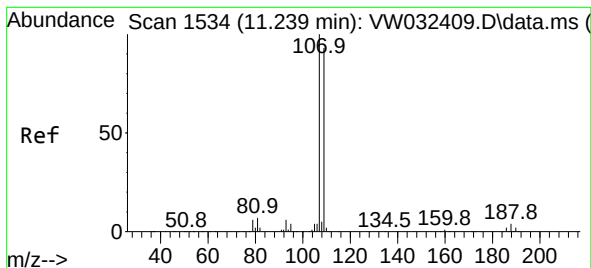
Tgt Ion: 43 Resp: 200376
Ion Ratio Lower Upper
43 100
58 53.8 27.4 82.2



#60
Dibromochloromethane
Concen: 10.011 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion:129 Resp: 51945
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6

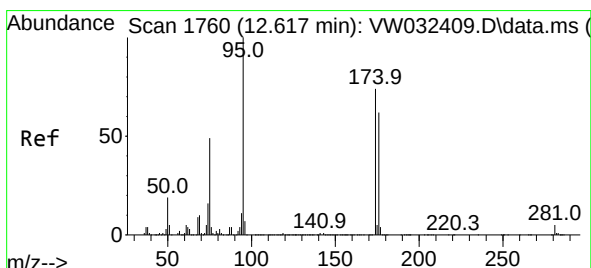
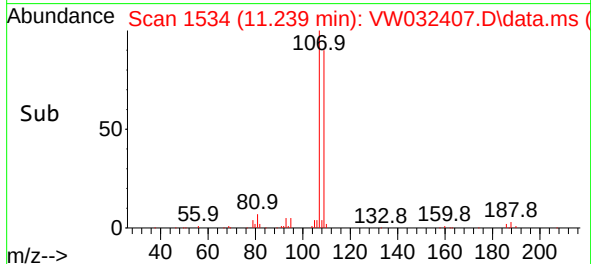
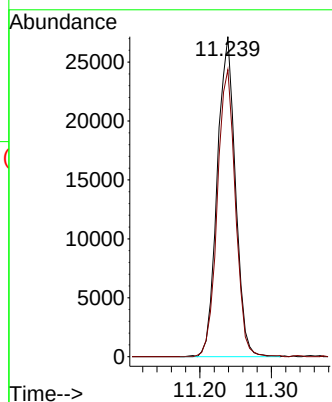
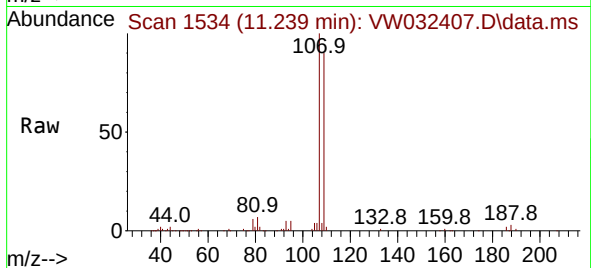




#61
1,2-Dibromoethane
Concen: 10.586 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

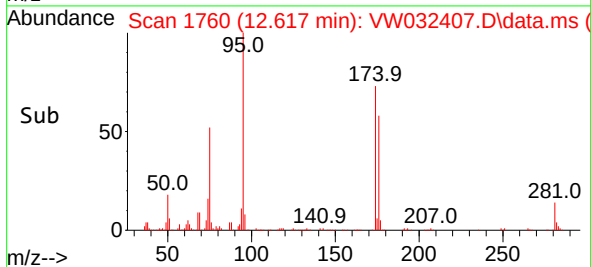
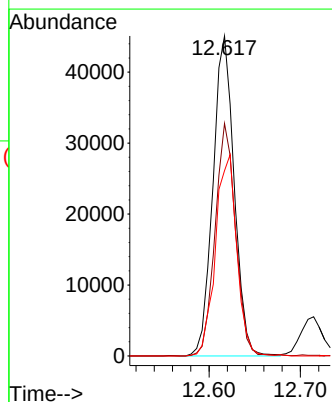
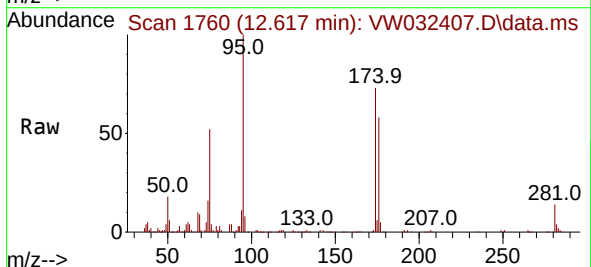
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

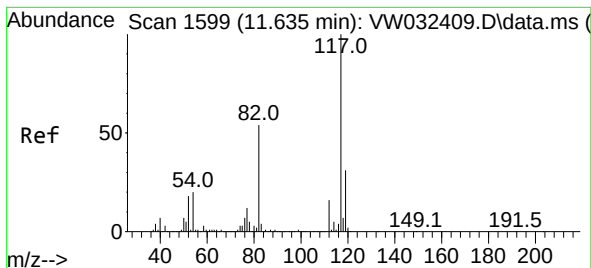
Tgt Ion:107 Resp: 47906
Ion Ratio Lower Upper
107 100
109 89.3 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 10.234 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 95 Resp: 72758
Ion Ratio Lower Upper
95 100
174 70.1 0.0 135.4
176 63.4 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

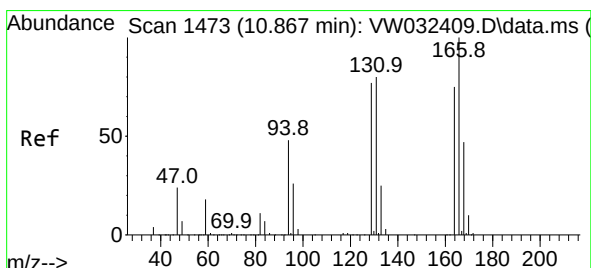
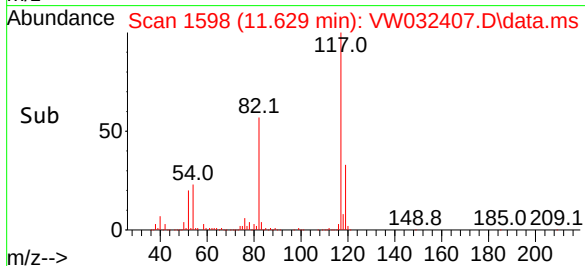
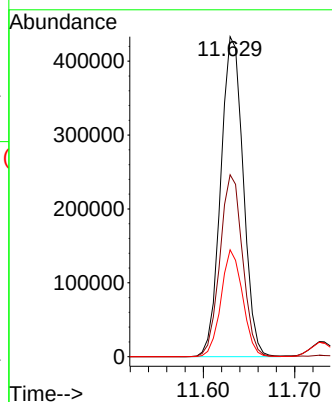
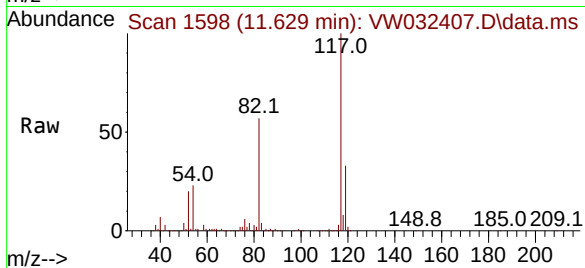
Tgt Ion:117 Resp: 741941

Ion Ratio Lower Upper

117 100

82 56.9 43.0 64.4

119 33.4 25.0 37.6



#64

Tetrachloroethene

Concen: 10.275 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Tgt Ion:164 Resp: 45145

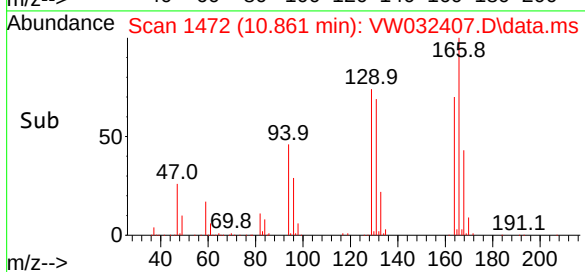
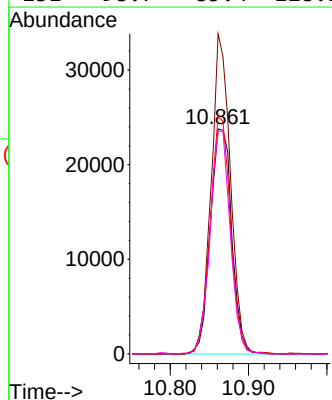
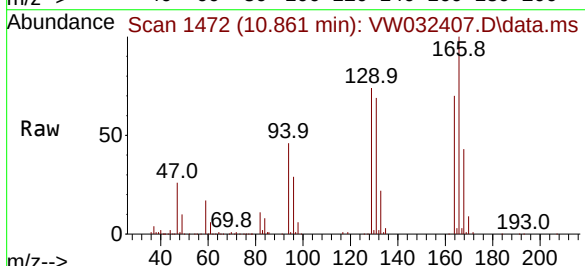
Ion Ratio Lower Upper

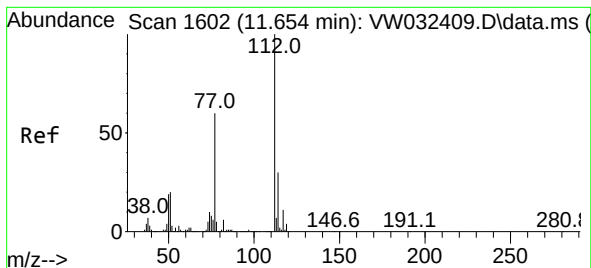
164 100

166 142.2 107.0 160.4

129 105.7 82.9 124.3

131 98.7 85.4 128.2





#65

Chlorobenzene

Concen: 10.099 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

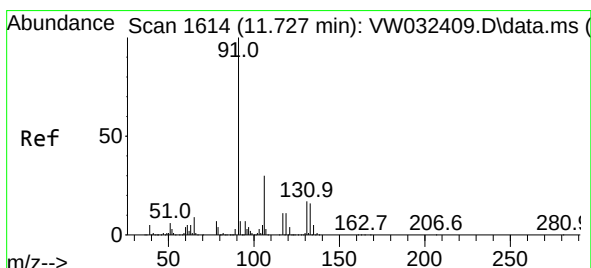
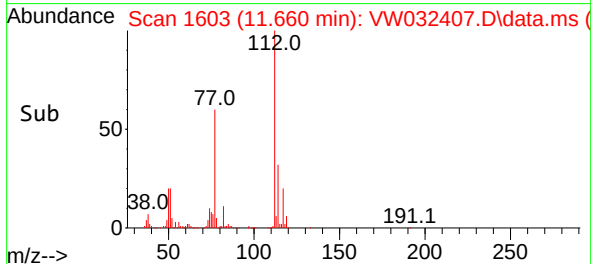
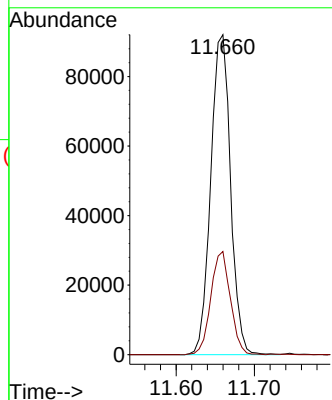
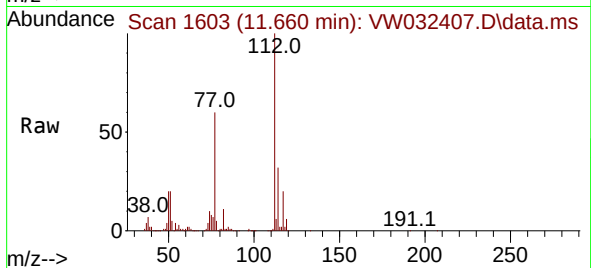
VSTDIC010

Tgt Ion:112 Resp: 161494

Ion Ratio Lower Upper

112 100

114 32.2 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 9.839 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

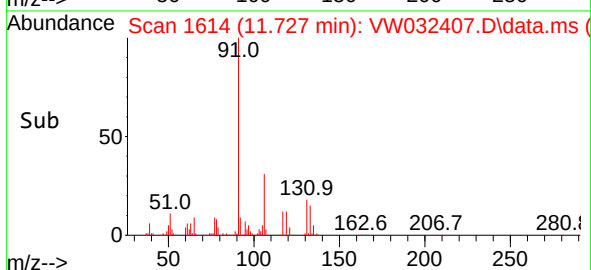
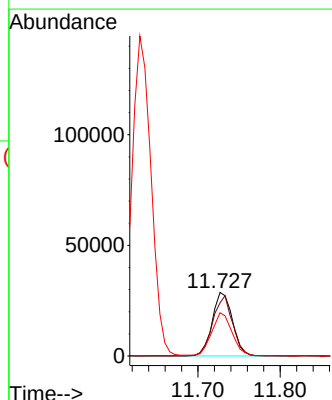
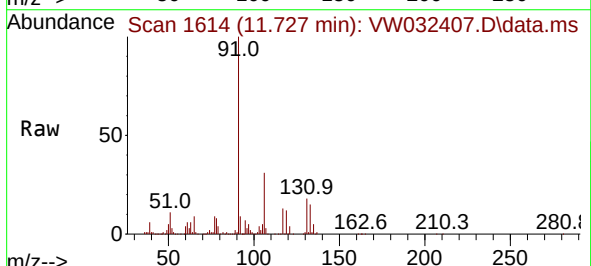
Tgt Ion:131 Resp: 48692

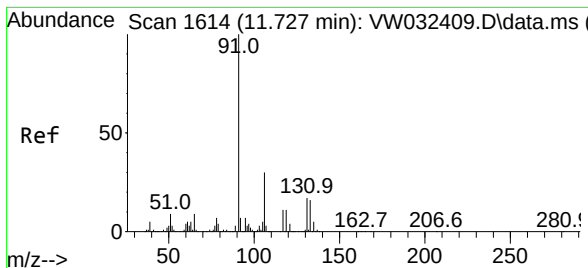
Ion Ratio Lower Upper

131 100

133 94.5 46.9 140.6

119 69.2 33.4 100.2

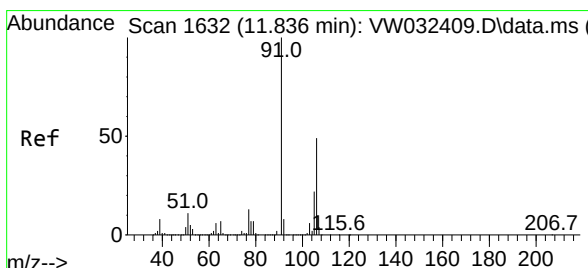
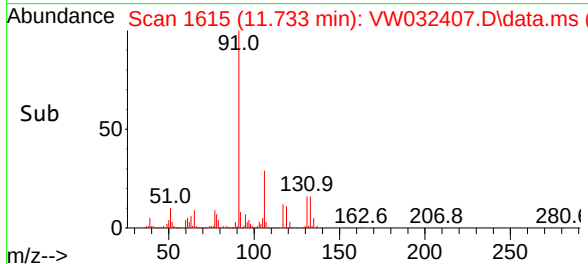
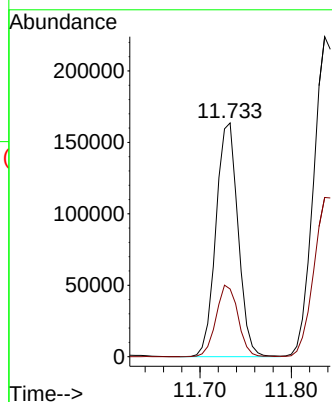
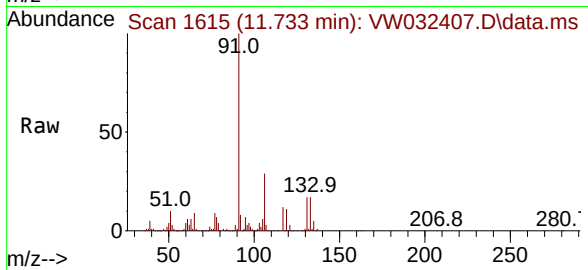




#67
Ethyl Benzene
Concen: 9.939 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

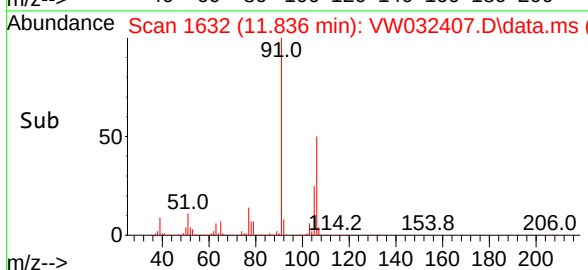
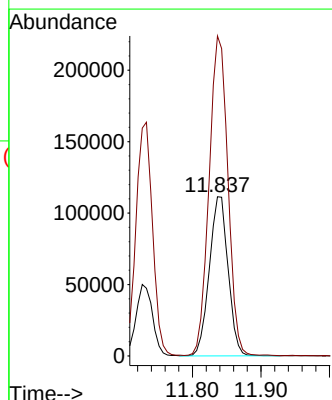
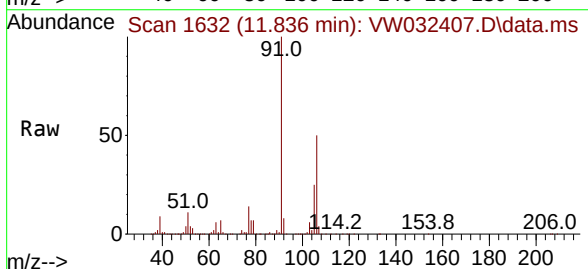
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

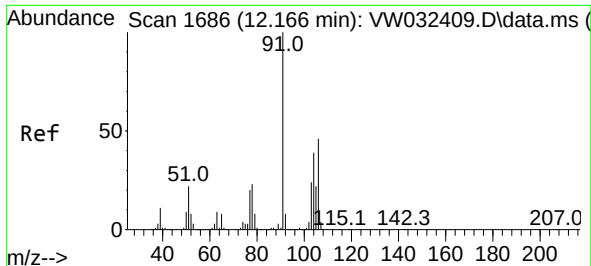
Tgt Ion: 91 Resp: 275018
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.2



#68
m/p-Xylenes
Concen: 20.362 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 106 Resp: 211539
Ion Ratio Lower Upper
106 100
91 201.6 165.5 248.3

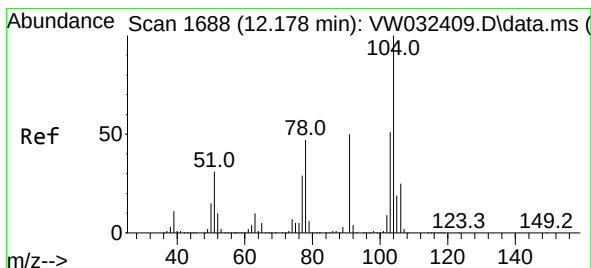
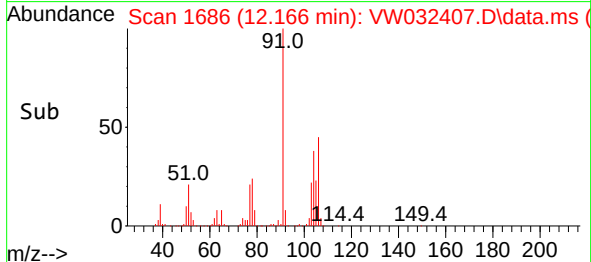
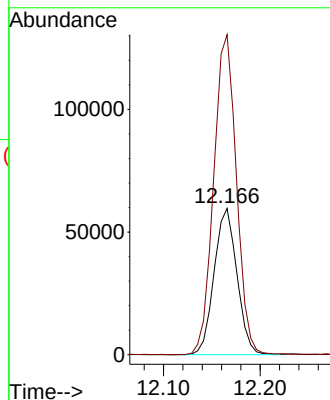
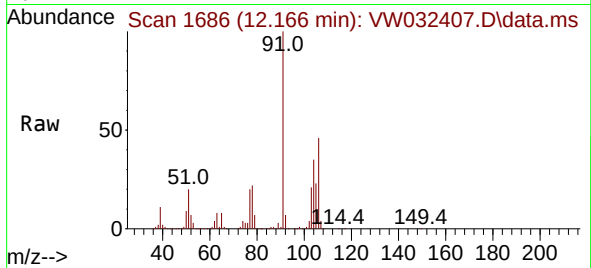




#69
o-Xylene
Concen: 9.827 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

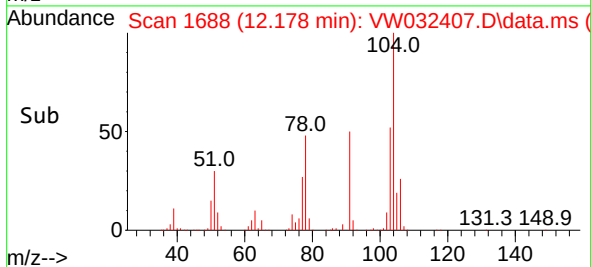
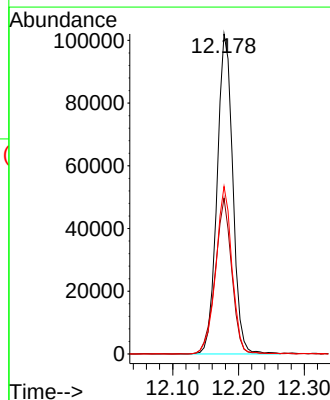
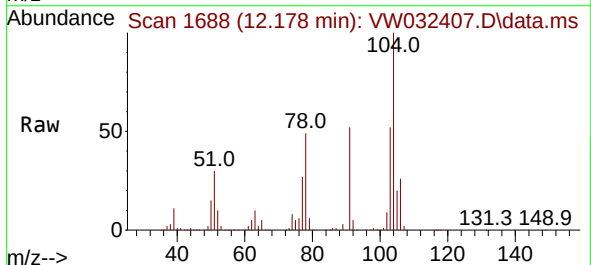
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

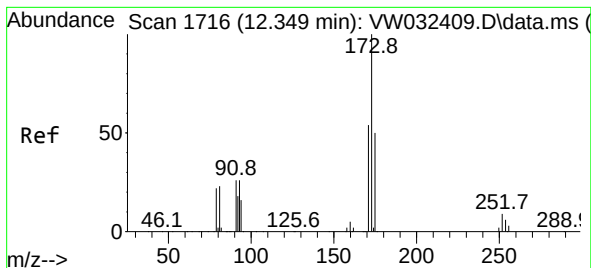
Tgt Ion:106 Resp: 97756
Ion Ratio Lower Upper
106 100
91 218.0 109.3 327.8



#70
Styrene
Concen: 9.935 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion:104 Resp: 170000
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 53.8 43.9 65.9





#71

Bromoform

Concen: 10.181 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

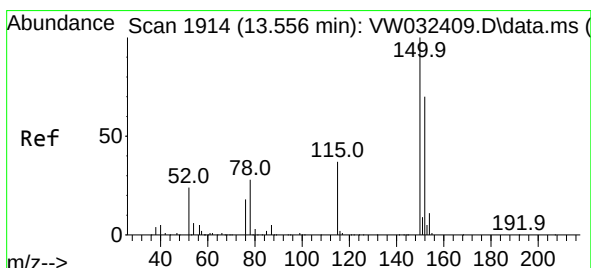
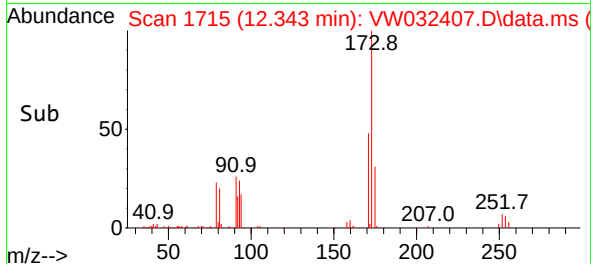
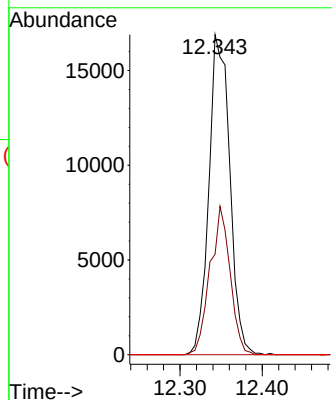
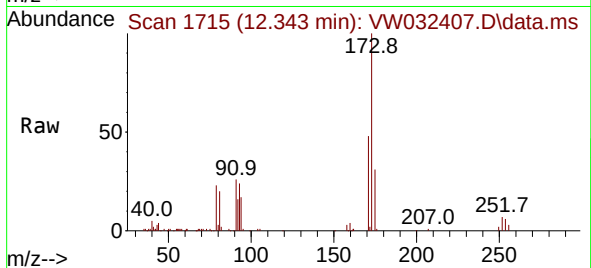
Tgt Ion:173 Resp: 29843

Ion Ratio Lower Upper

173 100

175 44.5 25.1 75.2

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: VW032407.D

Acq: 10 Nov 2025 15:33

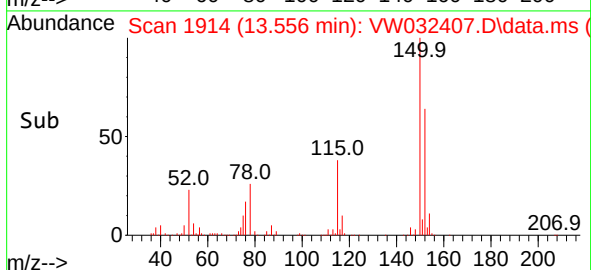
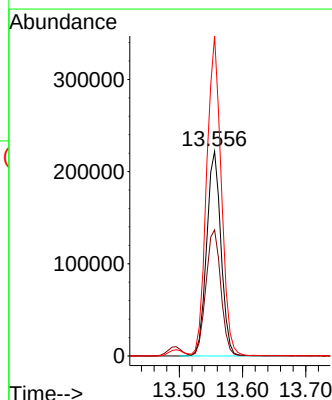
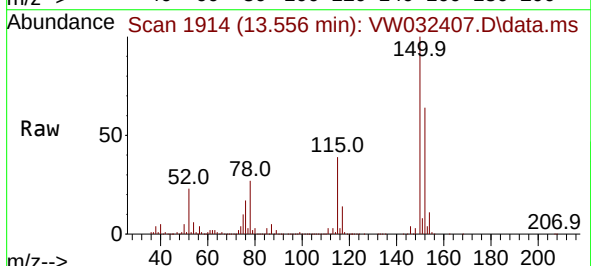
Tgt Ion:152 Resp: 349708

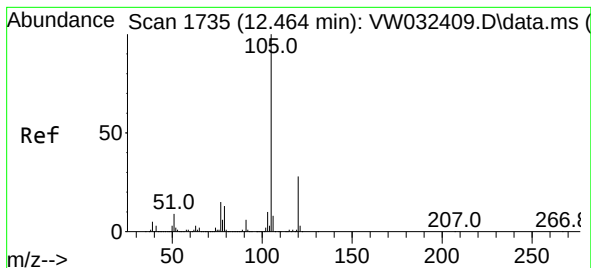
Ion Ratio Lower Upper

152 100

115 64.1 32.8 98.3

150 159.3 0.0 356.6

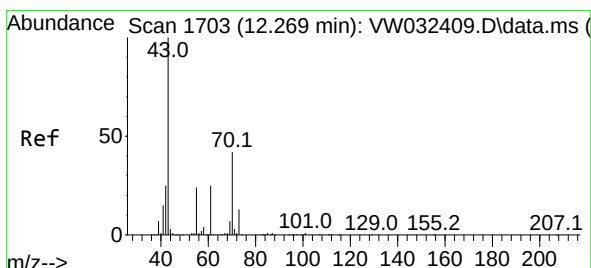
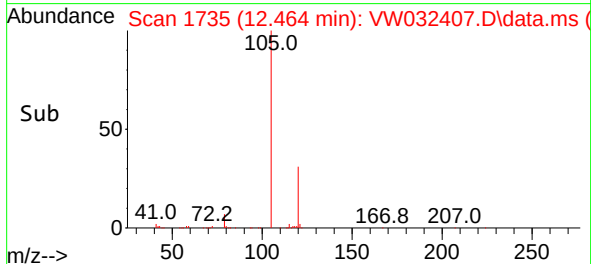
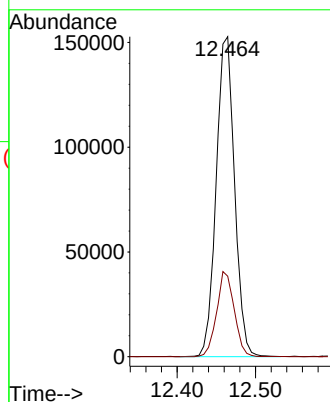
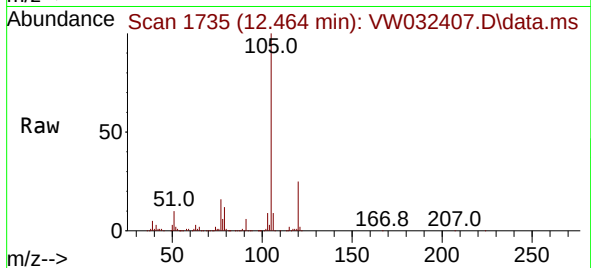




#73
Isopropylbenzene
Concen: 9.700 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

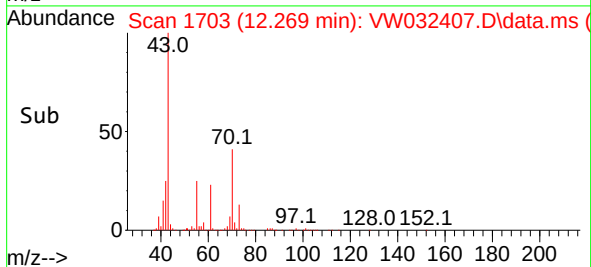
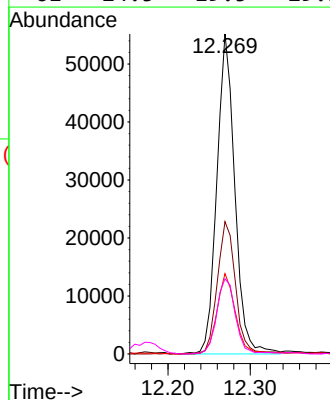
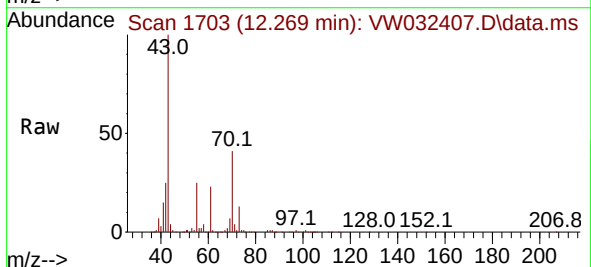
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

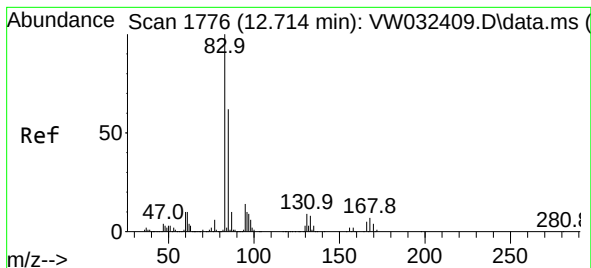
Tgt Ion:105 Resp: 249133
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5



#74
N-ethyl acetate
Concen: 9.419 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 43 Resp: 84064
Ion Ratio Lower Upper
43 100
70 42.0 33.5 50.3
55 25.8 19.3 28.9
61 24.5 19.5 29.3

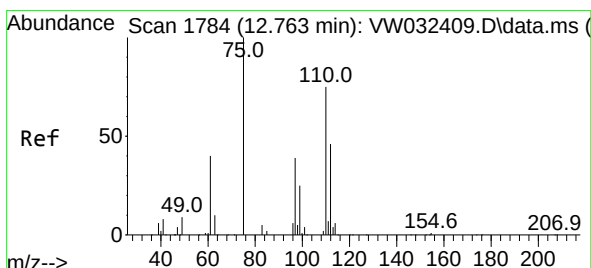
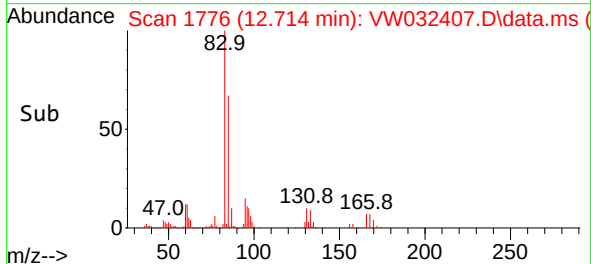
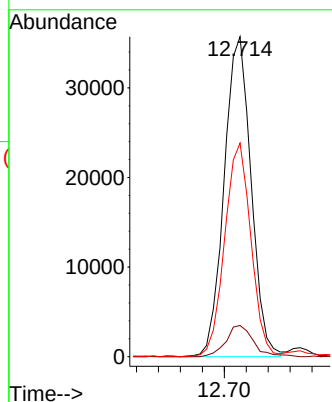
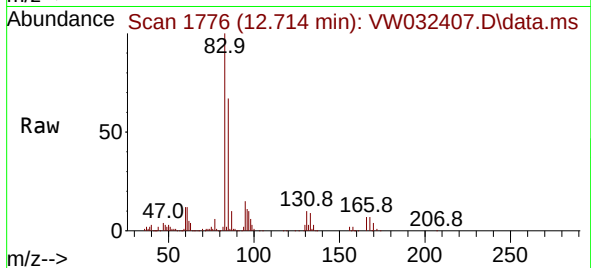




#75
1,1,2,2-Tetrachloroethane
Concen: 9.975 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

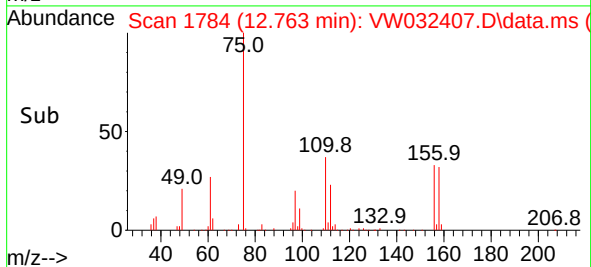
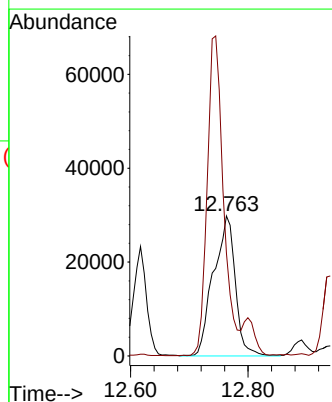
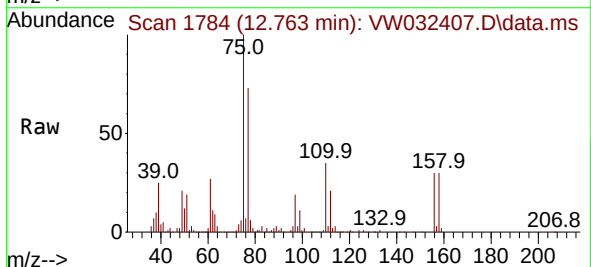
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

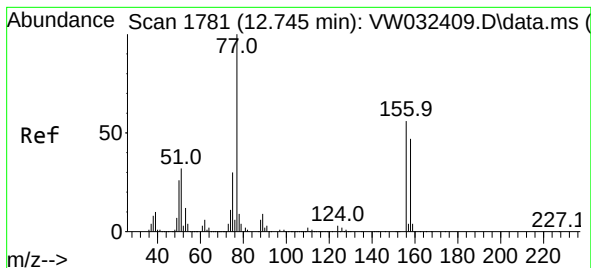
Tgt Ion: 83 Resp: 60803
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.1 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 16.050 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 75 Resp: 76973
Ion Ratio Lower Upper
75 100
77 171.6 151.6 454.8





#77

Bromobenzene

Concen: 9.946 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

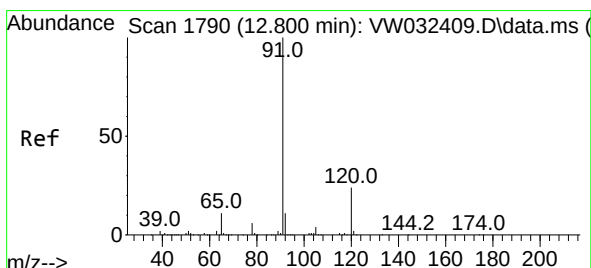
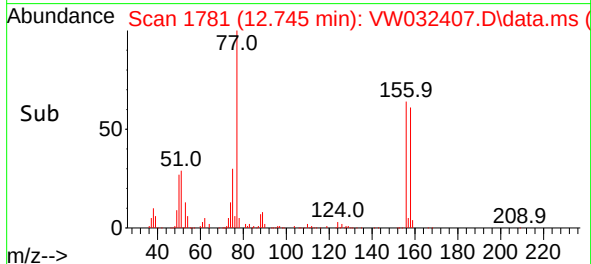
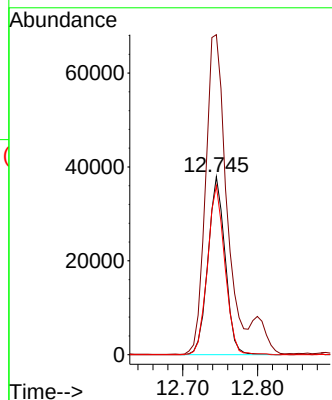
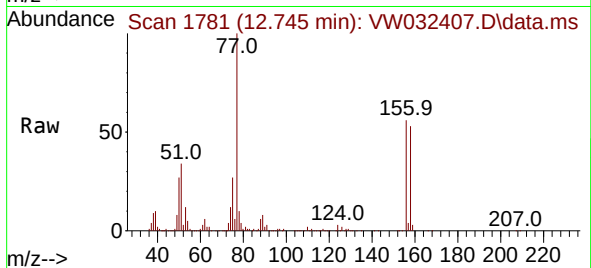
Tgt Ion:156 Resp: 60481

Ion Ratio Lower Upper

156 100

77 218.3 108.0 324.0

158 96.1 45.1 135.5



#78

n-propylbenzene

Concen: 9.754 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032407.D

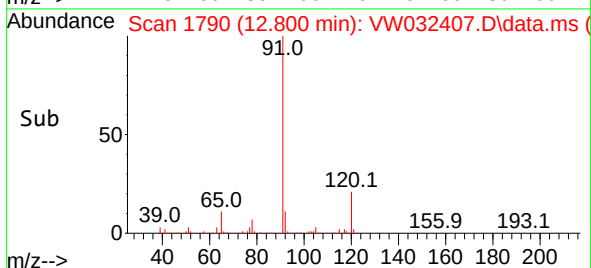
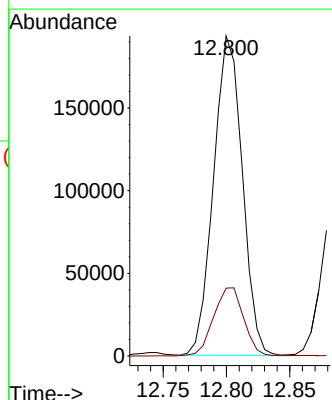
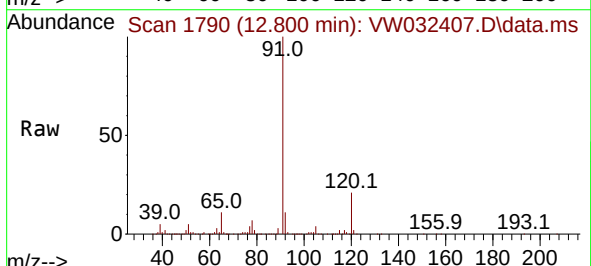
Acq: 10 Nov 2025 15:33

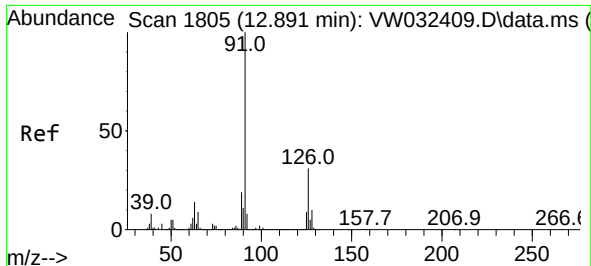
Tgt Ion: 91 Resp: 305079

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9

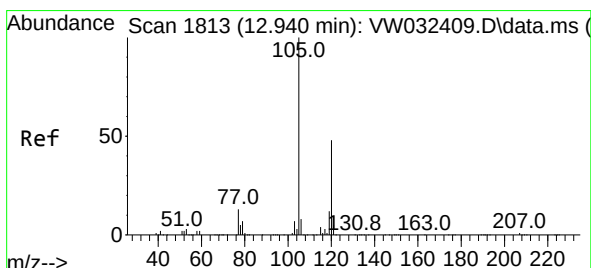
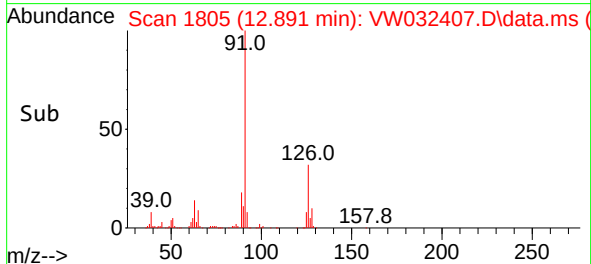
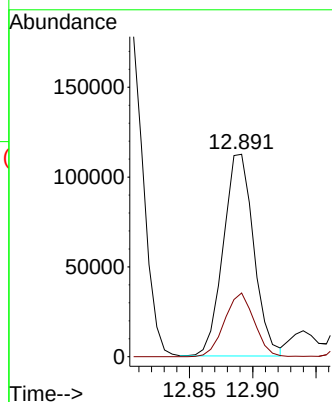
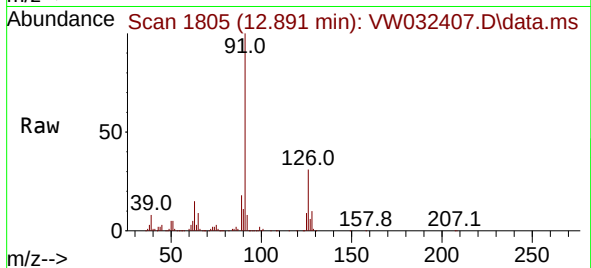




#79
2-Chlorotoluene
Concen: 9.887 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

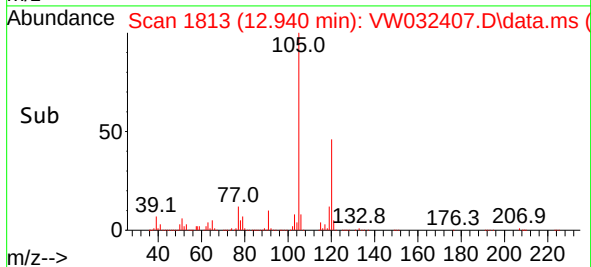
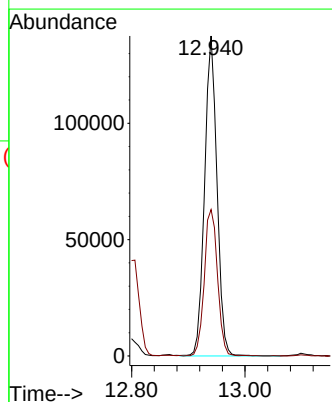
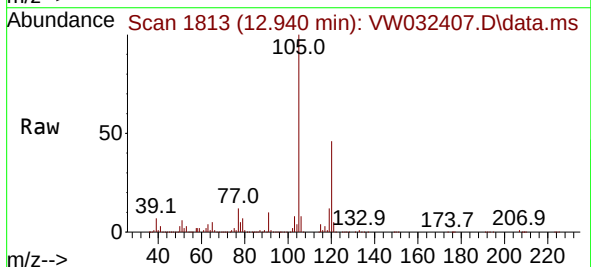
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

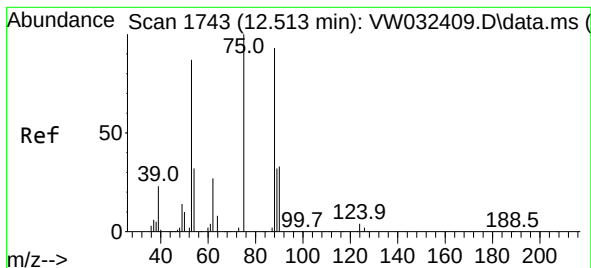
Tgt Ion: 91 Resp: 188782
Ion Ratio Lower Upper
91 100
126 30.7 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 9.847 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 105 Resp: 208642
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6

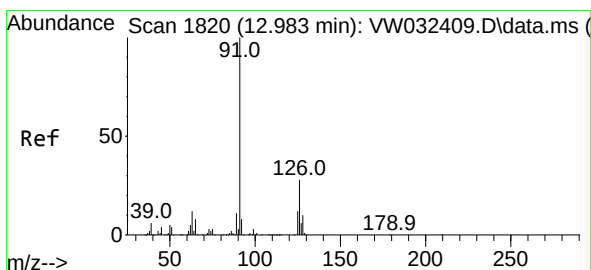
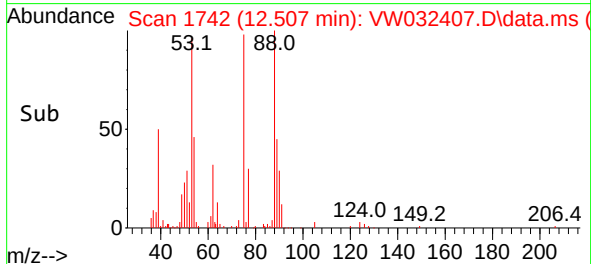
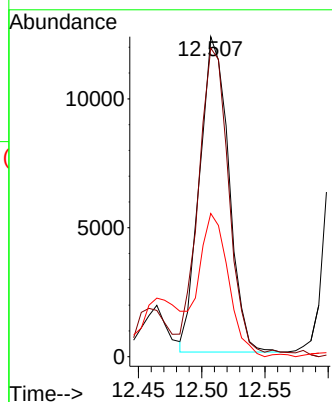
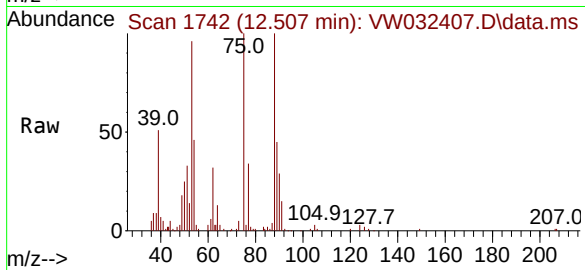




#81
trans-1,4-Dichloro-2-butene
Concen: 9.371 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

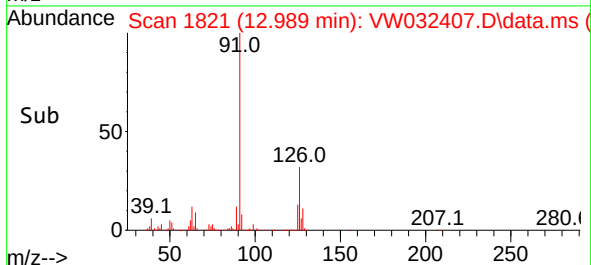
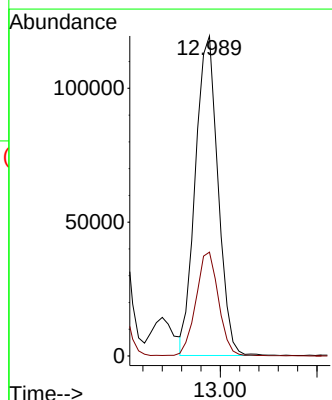
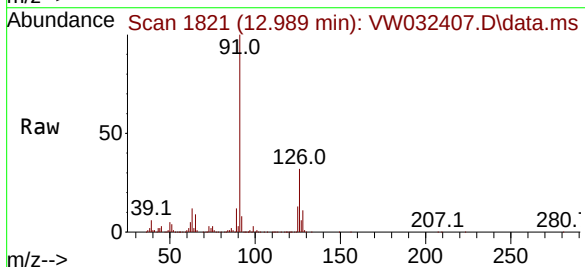
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

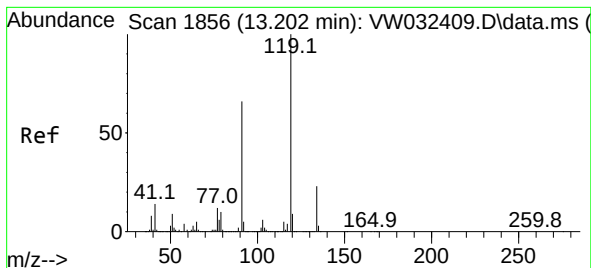
Tgt Ion: 75 Resp: 19619
Ion Ratio Lower Upper
75 100
53 105.4 77.8 116.8
89 44.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 9.776 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032407.D
Acq: 10 Nov 2025 15:33

Tgt Ion: 91 Resp: 194147
Ion Ratio Lower Upper
91 100
126 32.7 15.5 46.5

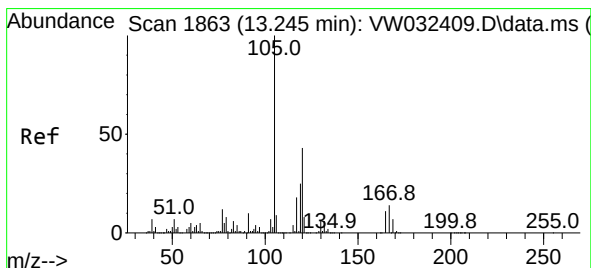
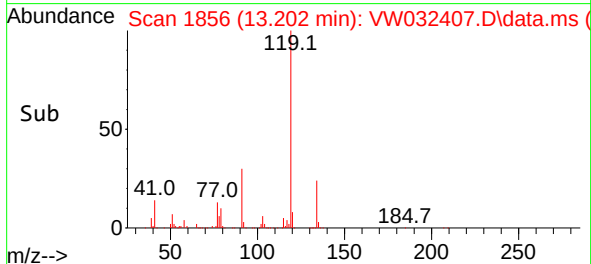
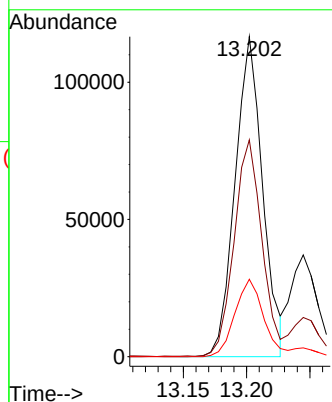
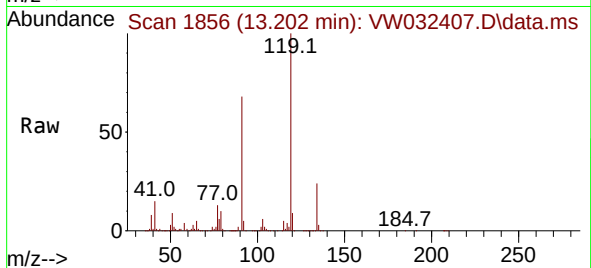




#83
 tert-Butylbenzene
 Concen: 9.602 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

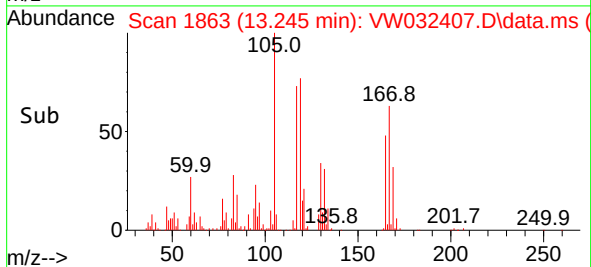
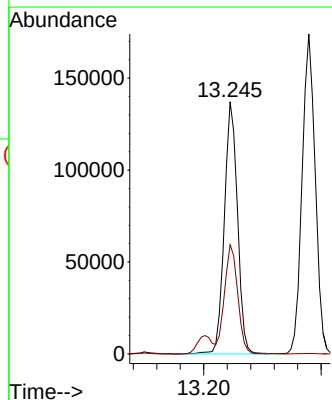
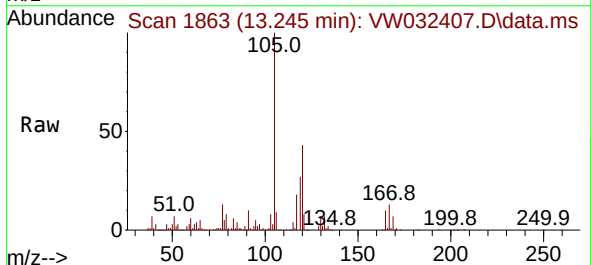
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

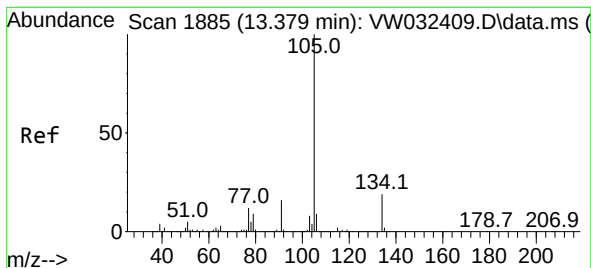
Tgt Ion:119 Resp: 176992
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.3 99.9
 134 25.2 12.2 36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 9.897 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032407.D
 Acq: 10 Nov 2025 15:33

Tgt Ion:105 Resp: 213291
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 9.798 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

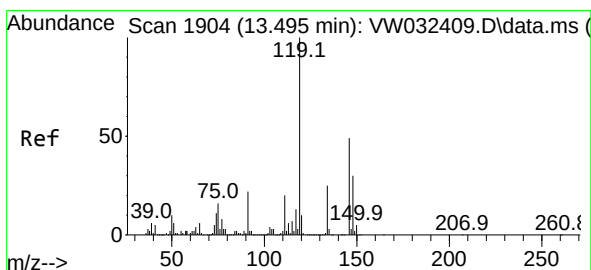
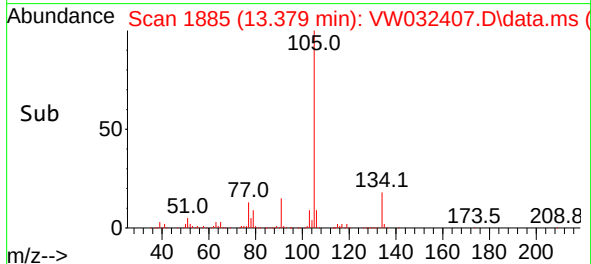
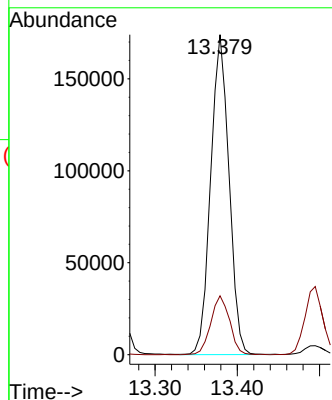
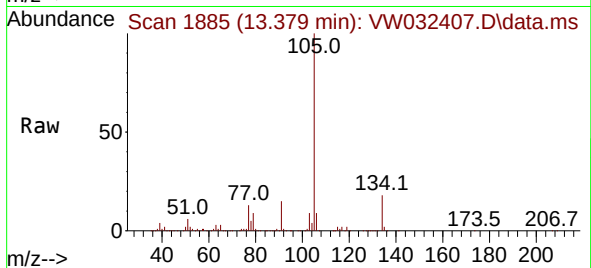
VSTDIC010

Tgt Ion:105 Resp: 268972

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 9.906 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

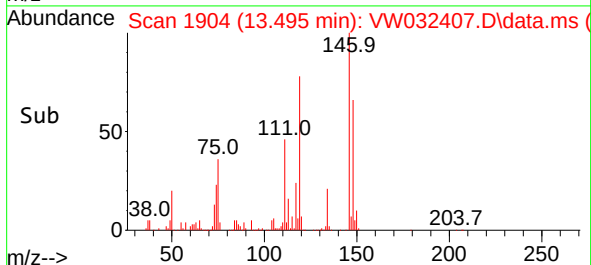
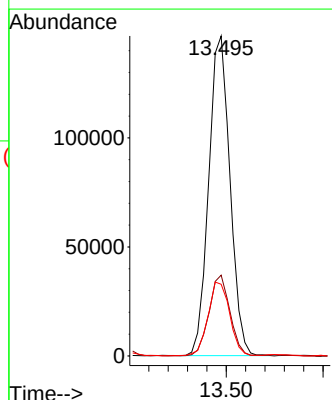
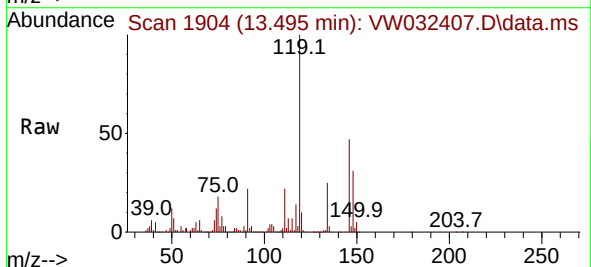
Tgt Ion:119 Resp: 224526

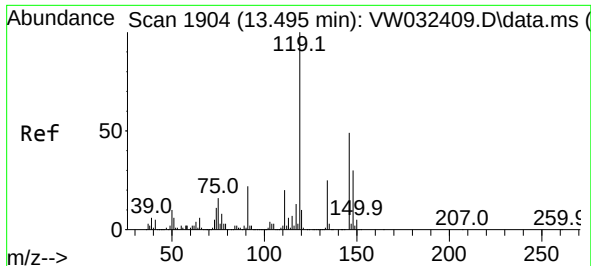
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 23.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 9.886 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

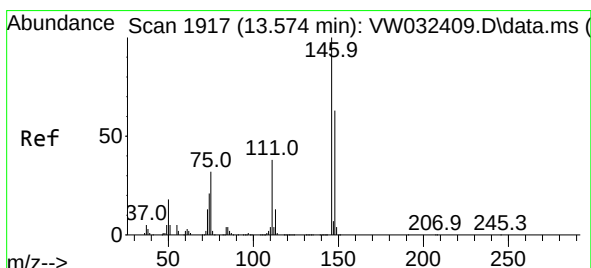
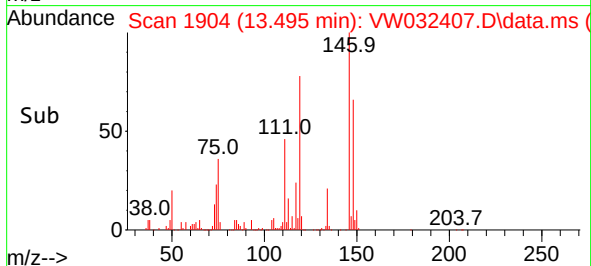
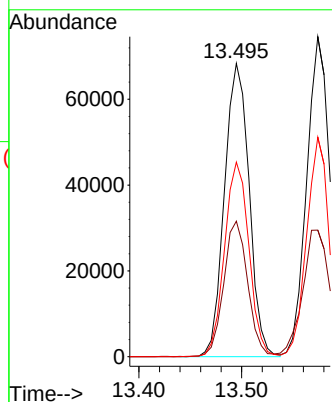
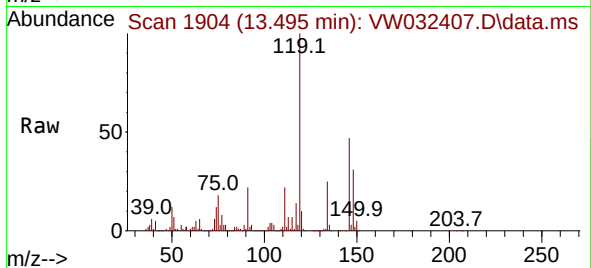
Tgt Ion:146 Resp: 113975

Ion Ratio Lower Upper

146 100

111 45.0 22.2 66.6

148 65.7 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 9.946 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

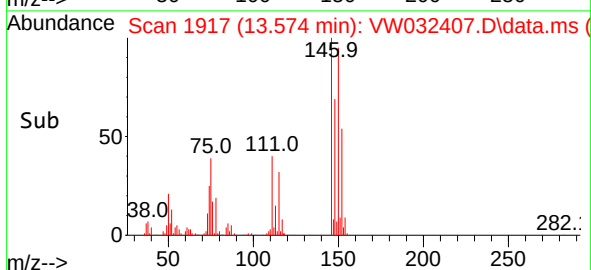
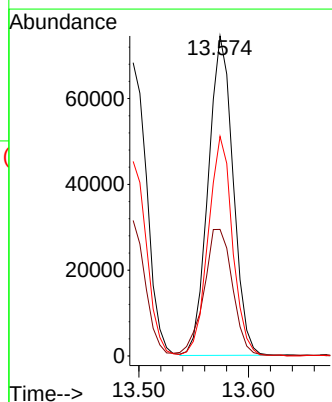
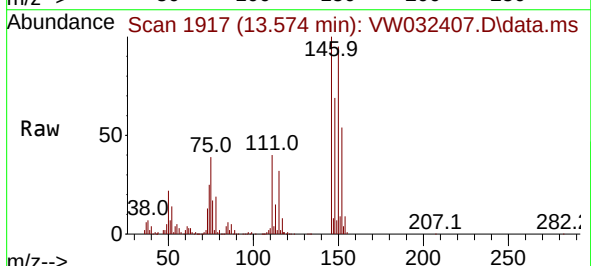
Tgt Ion:146 Resp: 117480

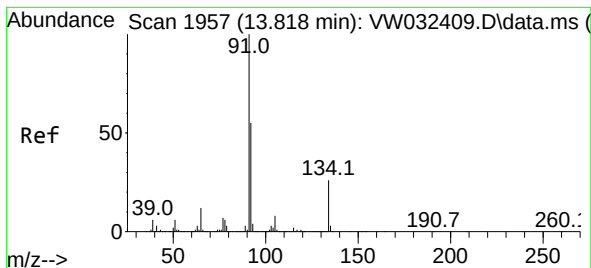
Ion Ratio Lower Upper

146 100

111 45.6 20.5 61.6

148 67.5 31.2 93.6





#89

n-Butylbenzene

Concen: 9.705 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

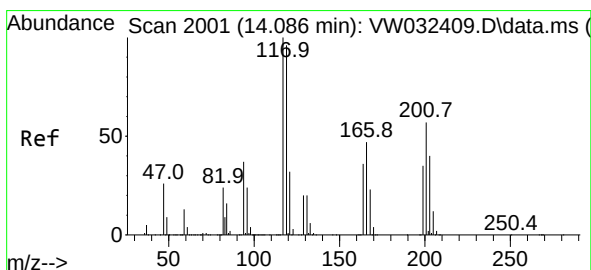
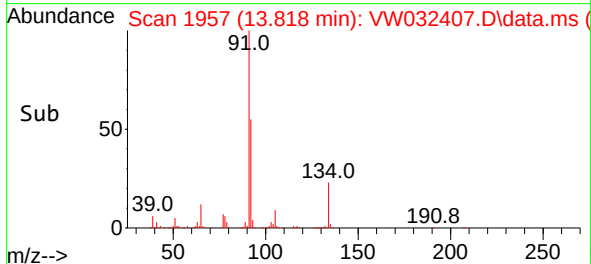
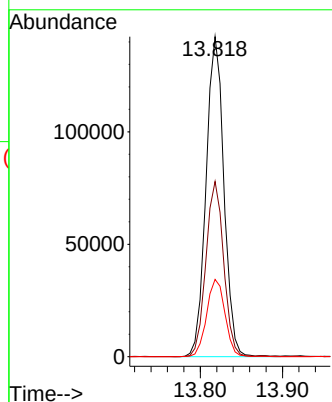
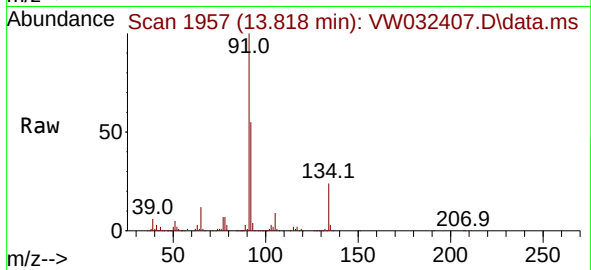
Tgt Ion: 91 Resp: 214914

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.2

134 24.9 12.4 37.4



#90

Hexachloroethane

Concen: 9.649 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032407.D

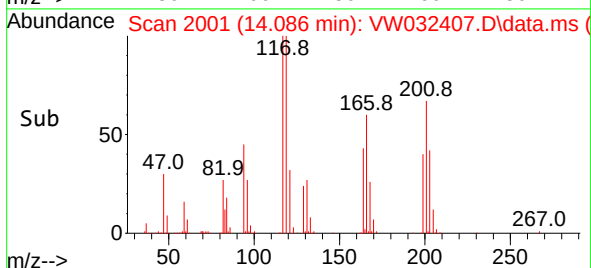
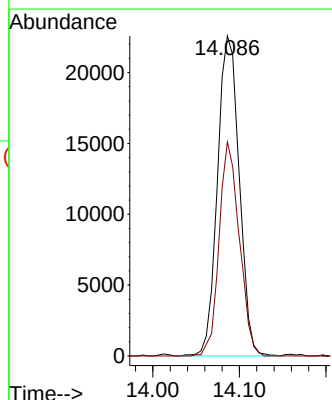
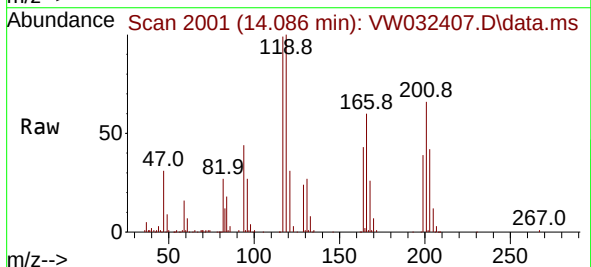
Acq: 10 Nov 2025 15:33

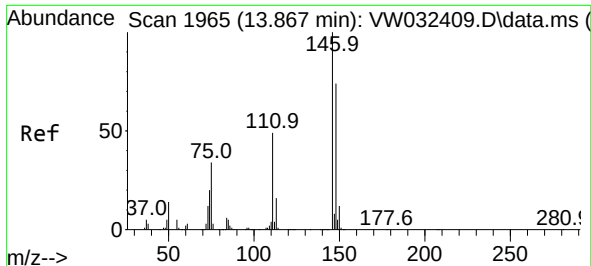
Tgt Ion: 117 Resp: 39430

Ion Ratio Lower Upper

117 100

201 62.0 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 10.096 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

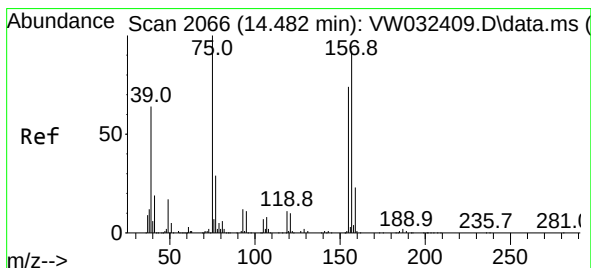
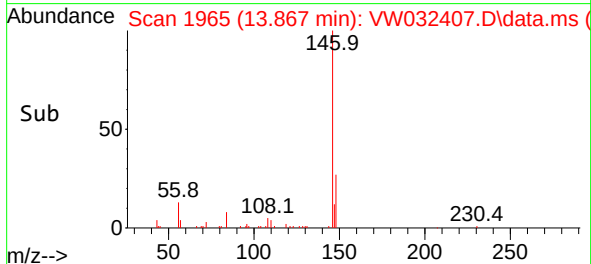
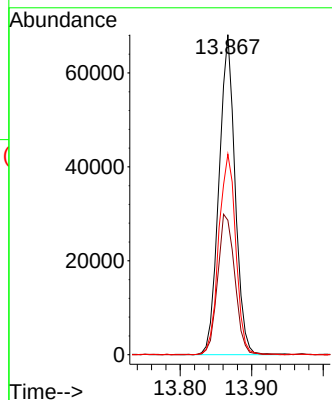
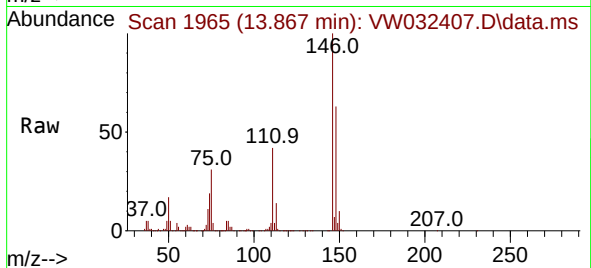
Tgt Ion:146 Resp: 106855

Ion Ratio Lower Upper

146 100

111 46.6 23.4 70.2

148 65.9 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.743 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

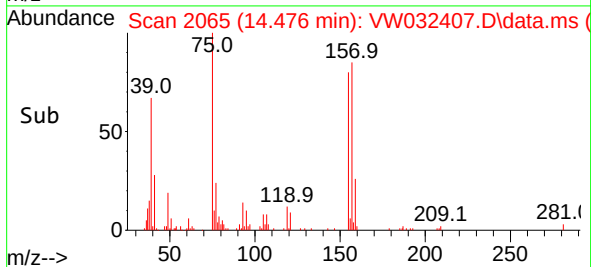
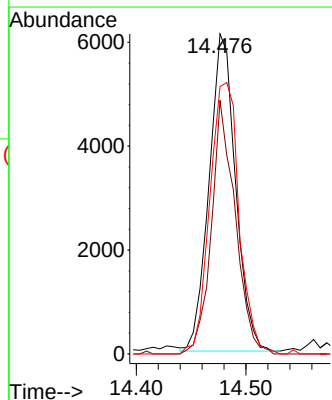
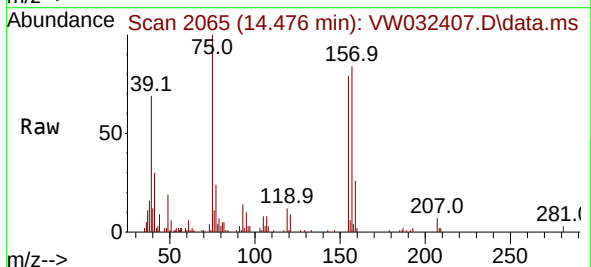
Tgt Ion: 75 Resp: 10231

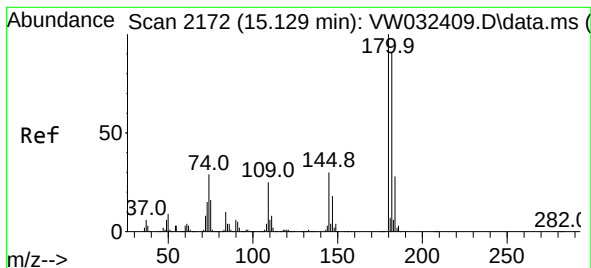
Ion Ratio Lower Upper

75 100

155 72.0 36.2 108.6

157 94.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 9.519 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

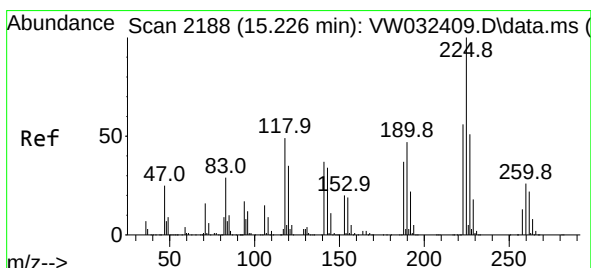
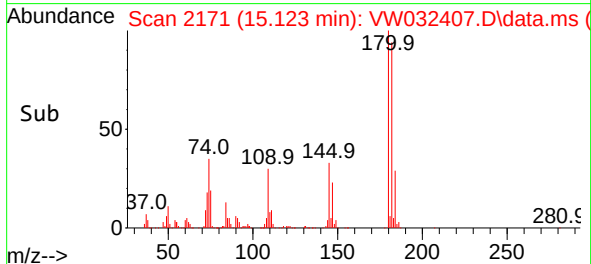
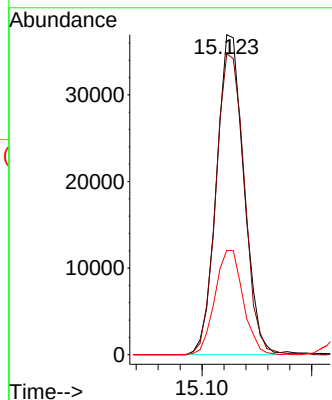
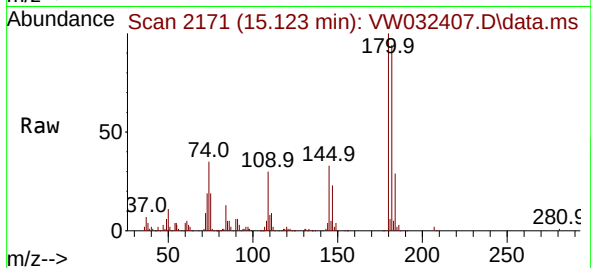
Tgt Ion:180 Resp: 64111

Ion Ratio Lower Upper

180 100

182 97.3 45.3 135.9

145 33.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 9.655 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

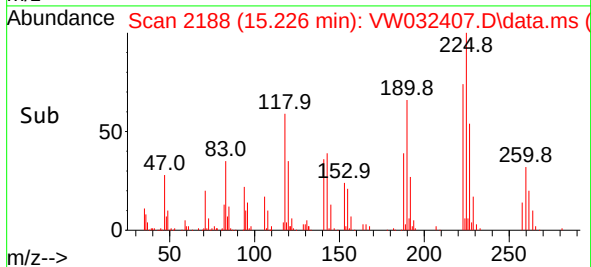
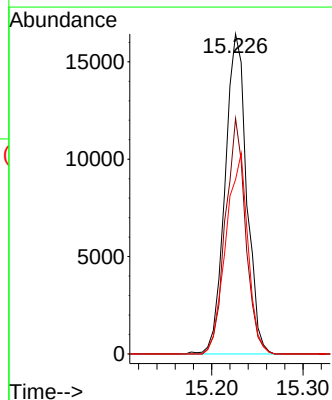
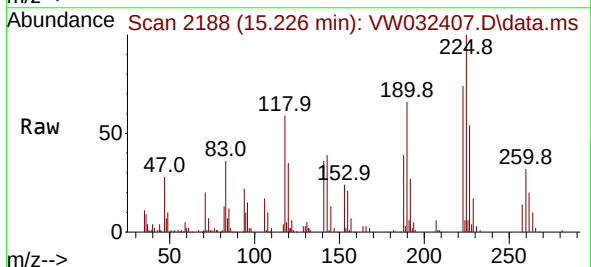
Tgt Ion:225 Resp: 27012

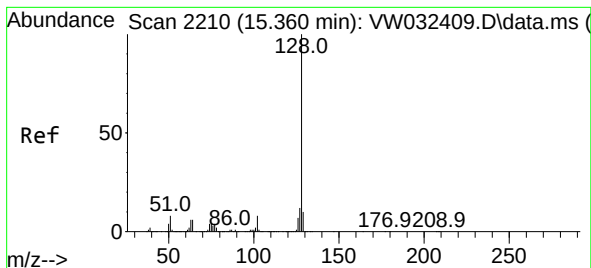
Ion Ratio Lower Upper

225 100

223 68.5 30.6 91.8

227 64.0 29.8 89.4





#95

Naphthalene

Concen: 9.555 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

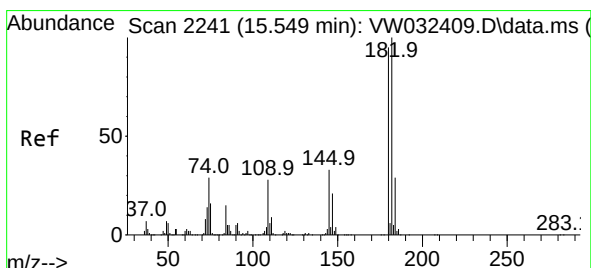
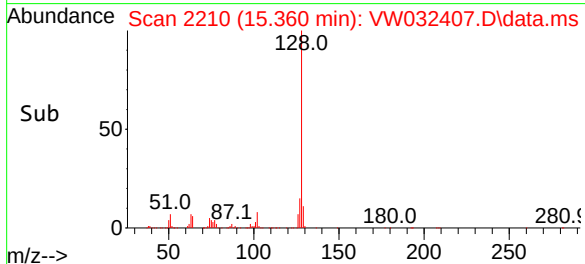
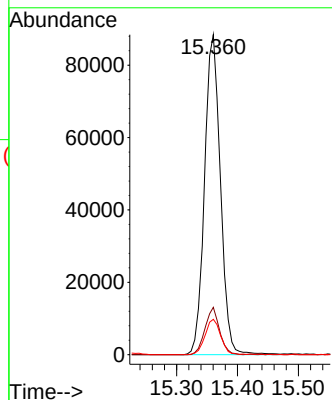
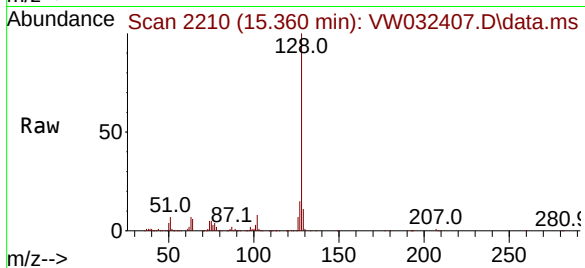
Tgt Ion:128 Resp: 160481

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 9.503 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032407.D

Acq: 10 Nov 2025 15:33

Tgt Ion:180 Resp: 58107

Ion Ratio Lower Upper

180 100

182 95.3 50.3 151.0

145 37.9 17.8 53.3

