

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
 Data File : VW032408.D
 Acq On : 10 Nov 2025 15:55
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 11 03:35:08 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	457584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	816489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	742729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	346736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	118510	20.089	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	40.180%#
35) Dibromofluoromethane	7.904	113	99490	20.352	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	40.700%#
50) Toluene-d8	10.325	98	376146	20.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	40.120%#
62) 4-Bromofluorobenzene	12.617	95	148179	20.916	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	41.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	42243	18.026	ug/l	90
3) Chloromethane	2.253	50	74640	18.757	ug/l	98
4) Vinyl Chloride	2.405	62	96045	19.124	ug/l	100
5) Bromomethane	2.820	94	64010	19.054	ug/l	97
6) Chloroethane	2.966	64	62143	18.913	ug/l	100
7) Trichlorofluoromethane	3.308	101	71828	18.242	ug/l	88
8) Diethyl Ether	3.722	74	61770	19.188	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	80209	18.700	ug/l	99
10) Methyl Iodide	4.314	142	132689	19.207	ug/l	100
11) Tert butyl alcohol	5.216	59	51729	101.406	ug/l	99
12) 1,1-Dichloroethene	4.076	96	92526	18.812	ug/l	99
13) Acrolein	3.929	56	87436	102.160	ug/l	99
14) Allyl chloride	4.704	41	179218	18.948	ug/l	98
15) Acrylonitrile	5.405	53	180486	96.966	ug/l	99
16) Acetone	4.161	43	167175	94.720	ug/l	99
17) Carbon Disulfide	4.417	76	274085	18.855	ug/l	98
18) Methyl Acetate	4.716	43	84037	19.228	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	202532	19.535	ug/l	96
20) Methylene Chloride	4.948	84	124826	19.777	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	109177	19.413	ug/l	98
22) Diisopropyl ether	6.344	45	380288	19.748	ug/l	94
23) Vinyl Acetate	6.283	43	1286472	97.505	ug/l	99
24) 1,1-Dichloroethane	6.246	63	199778	18.935	ug/l	98
25) 2-Butanone	7.197	43	257973	99.213	ug/l	97
26) 2,2-Dichloropropane	7.185	77	112678	19.163	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	130563	19.430	ug/l	99
28) Bromochloromethane	7.532	49	97569	19.566	ug/l	98
29) Tetrahydrofuran	7.551	42	162726	98.600	ug/l	99
30) Chloroform	7.691	83	199398	19.305	ug/l	99
31) Cyclohexane	7.971	56	186039	19.062	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	142015	19.247	ug/l	99
36) 1,1-Dichloropropene	8.099	75	142545	19.790	ug/l	99
37) Ethyl Acetate	7.276	43	108602	20.277	ug/l	100
38) Carbon Tetrachloride	8.087	117	126114	19.706	ug/l	98
39) Methylcyclohexane	9.343	83	183430	19.658	ug/l	93
40) Benzene	8.337	78	460390	19.848	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	63058	21.432	ug/l	95
42) 1,2-Dichloroethane	8.410	62	135836	19.937	ug/l	100
43) Isopropyl Acetate	8.435	43	187892	19.812	ug/l	99
44) Trichloroethene	9.099	130	106920	19.809	ug/l	99
45) 1,2-Dichloropropane	9.374	63	115560	20.008	ug/l	99
46) Dibromomethane	9.465	93	68601	20.326	ug/l	98
47) Bromodichloromethane	9.654	83	148808	19.328	ug/l	96
48) Methyl methacrylate	9.441	41	85216	18.909	ug/l	93
49) 1,4-Dioxane	9.465	88	18879	399.292	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	538488	102.710	ug/l	99
52) Toluene	10.392	92	284143	19.832	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	153300	19.334	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	181723	19.819	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	92074	19.886	ug/l	96
56) Ethyl methacrylate	10.648	69	142352	20.038	ug/l	99
57) 1,3-Dichloropropane	10.934	76	167175	20.216	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	386317	102.111	ug/l	100
59) 2-Hexanone	10.971	43	392754	102.391	ug/l	99
60) Dibromochloromethane	11.129	129	102649	19.852	ug/l	96
61) 1,2-Dibromoethane	11.239	107	91235	20.231	ug/l	99
64) Tetrachloroethene	10.867	164	84673	19.251	ug/l	94
65) Chlorobenzene	11.660	112	309433	19.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	96211	19.420	ug/l	100
67) Ethyl Benzene	11.733	91	541238	19.540	ug/l	98
68) m/p-Xylenes	11.837	106	403489	38.797	ug/l	98
69) o-Xylene	12.166	106	196711	19.754	ug/l	98
70) Styrene	12.178	104	336202	19.626	ug/l	100
71) Bromoform	12.349	173	57398	19.560	ug/l	91
73) Isopropylbenzene	12.458	105	486953	19.122	ug/l	100
74) N-amyl acetate	12.269	43	172679	19.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	117227	19.397	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	148725	31.278	ug/l	35
77) Bromobenzene	12.745	156	112433	18.648	ug/l	91
78) n-propylbenzene	12.800	91	598062	19.285	ug/l	100
79) 2-Chlorotoluene	12.891	91	364742	19.266	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	411841	19.603	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	38383	18.491	ug/l	94
82) 4-Chlorotoluene	12.983	91	381756	19.388	ug/l	99
83) tert-Butylbenzene	13.202	119	348802	19.086	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	410945	19.231	ug/l	98
85) sec-Butylbenzene	13.379	105	524886	19.284	ug/l	99
86) p-Isopropyltoluene	13.495	119	431851	19.216	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	224644	19.651	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	227987	19.467	ug/l	97
89) n-Butylbenzene	13.818	91	428136	19.500	ug/l	99
90) Hexachloroethane	14.086	117	74845	18.472	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	202982	19.343	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	20157	19.361	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	127966	19.162	ug/l	97
94) Hexachlorobutadiene	15.226	225	50712	18.281	ug/l	86
95) Naphthalene	15.360	128	315603	18.952	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	115969	19.128	ug/l	99

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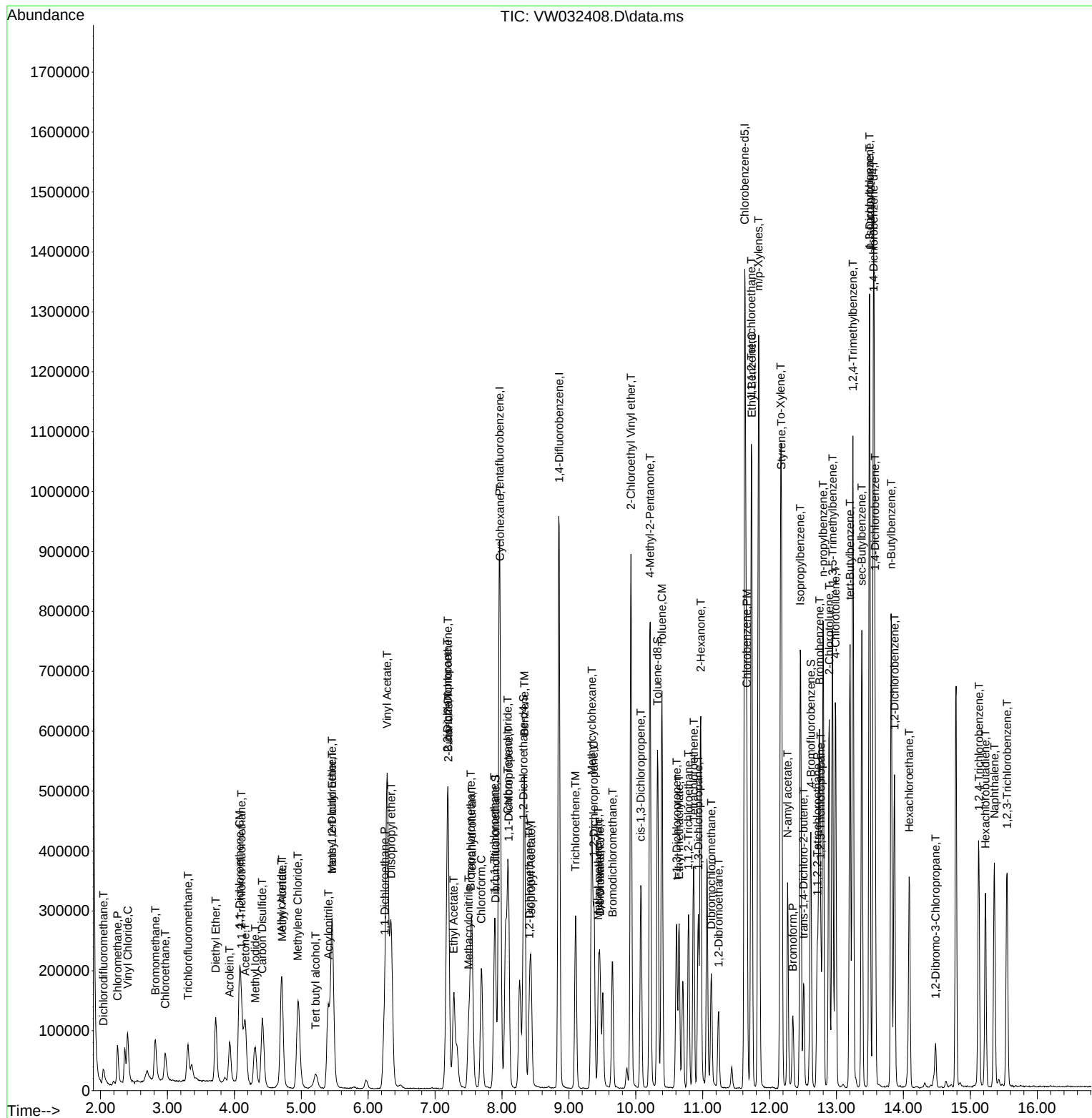
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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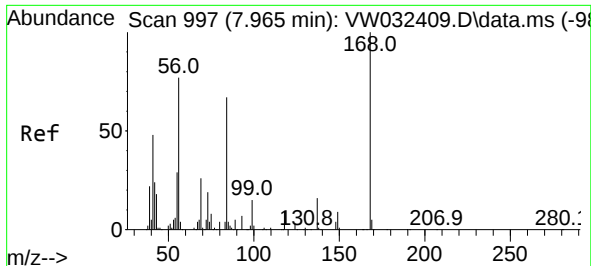
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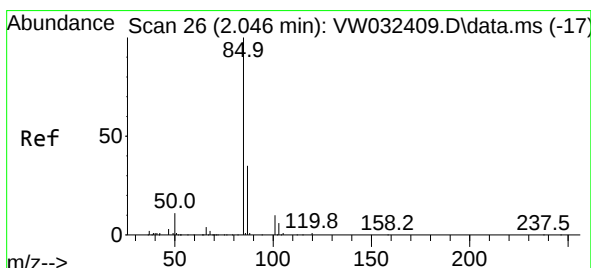
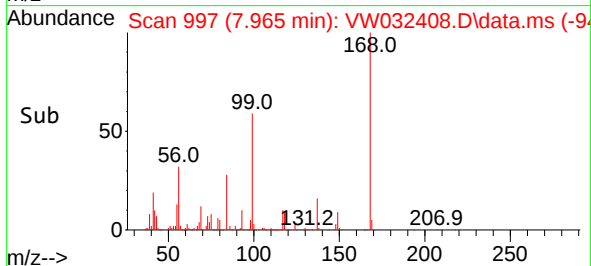
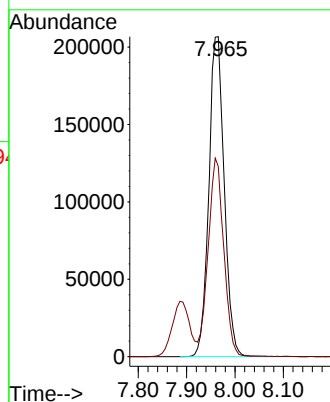
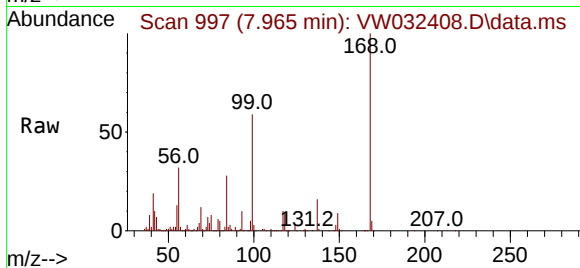




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
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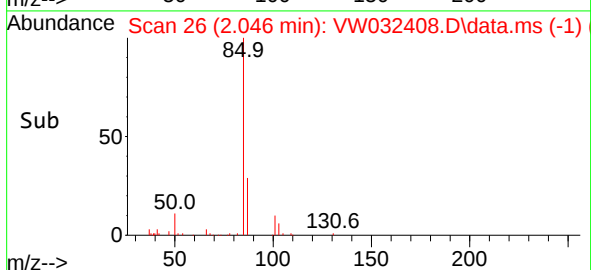
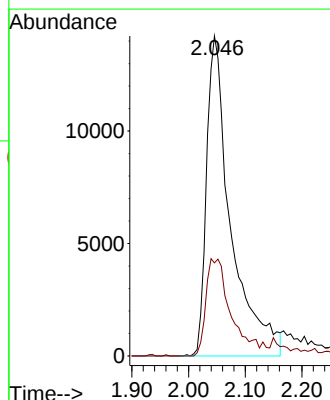
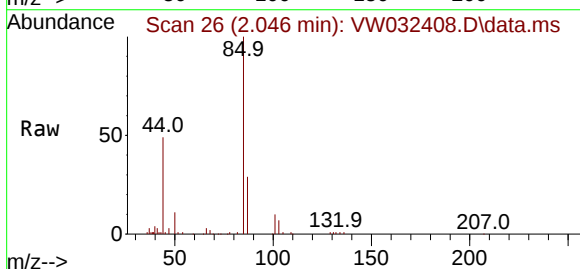
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MSVOA_W
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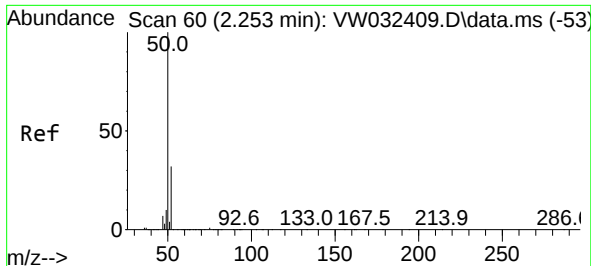
Tgt Ion:168 Resp: 457584
Ion Ratio Lower Upper
168 100
99 59.4 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 18.026 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 85 Resp: 42243
Ion Ratio Lower Upper
85 100
87 29.1 17.4 52.2

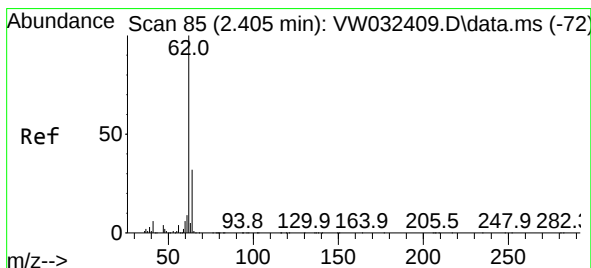
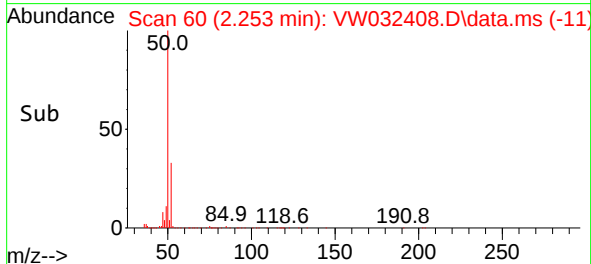
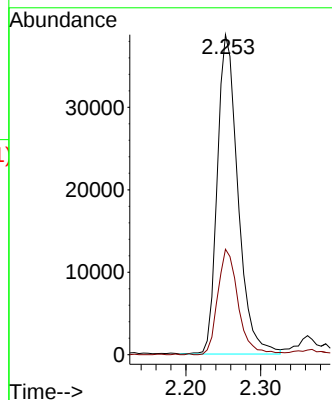
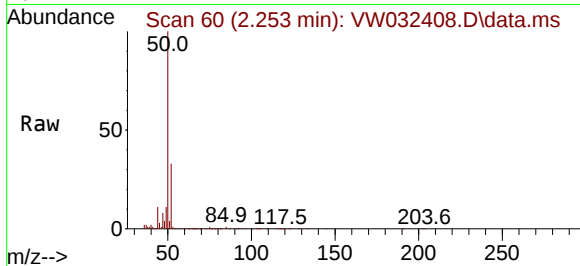




#3
Chloromethane
Concen: 18.757 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

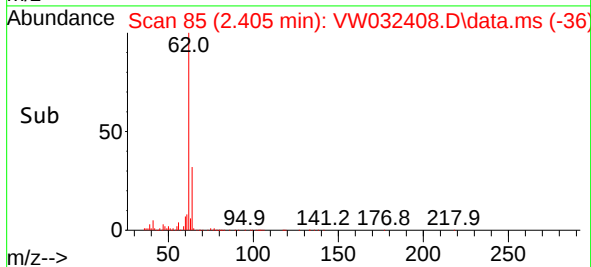
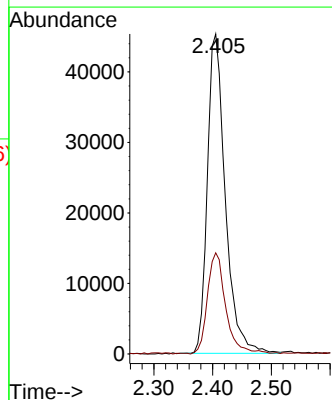
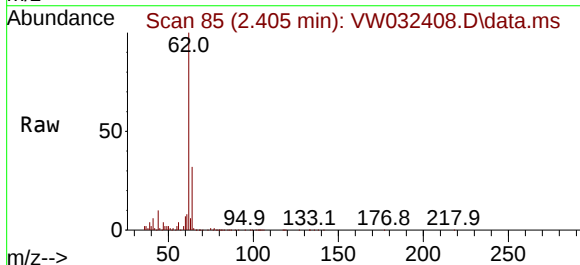
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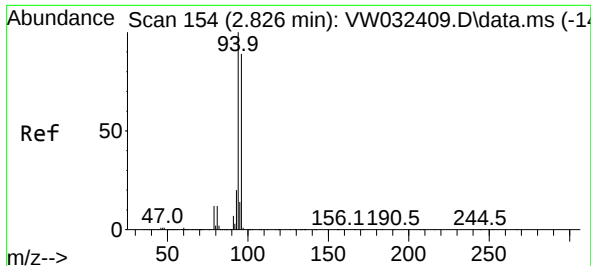
Tgt Ion: 50 Resp: 74640
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3



#4
Vinyl Chloride
Concen: 19.124 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 62 Resp: 96045
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

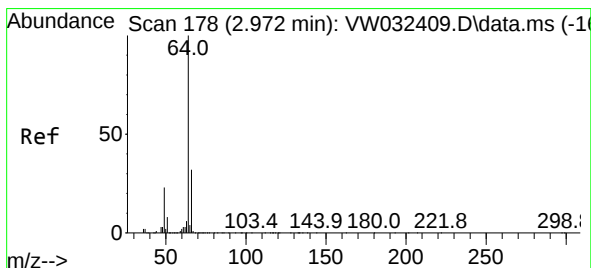
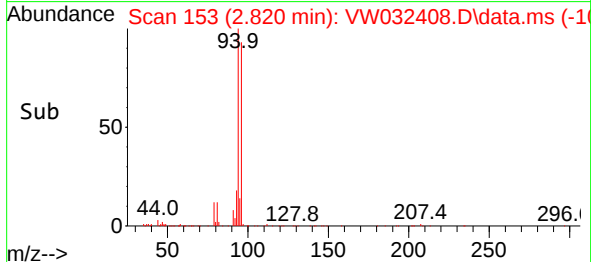
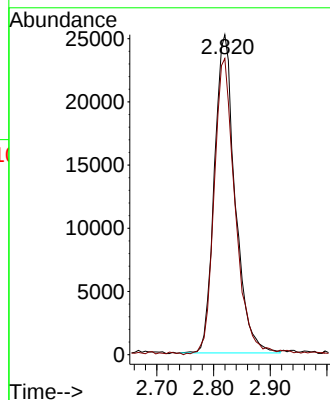
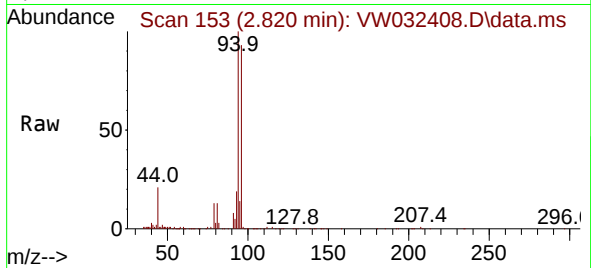




#5
Bromomethane
Concen: 19.054 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
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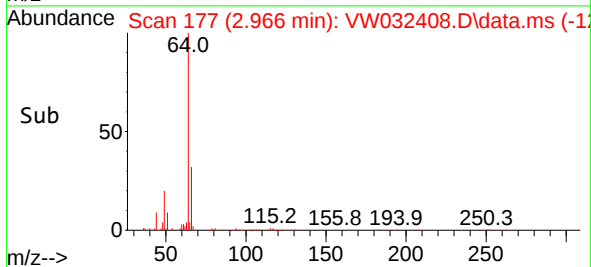
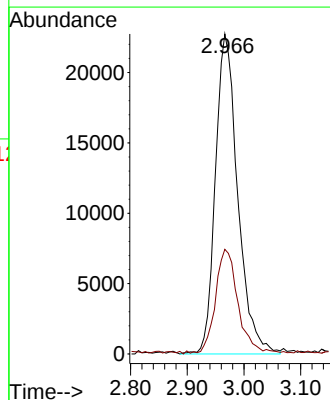
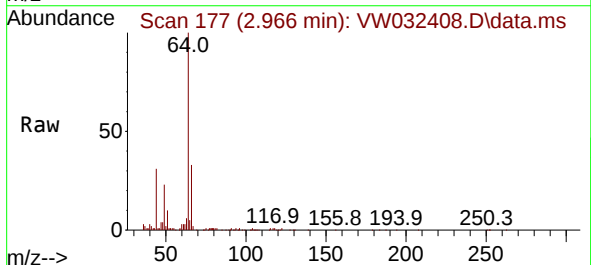
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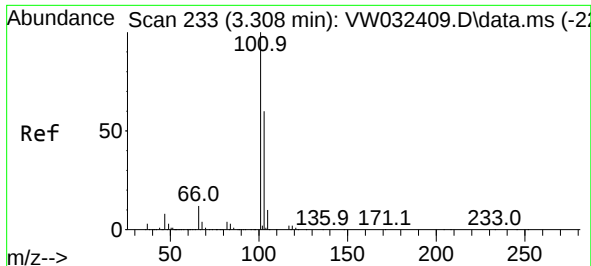
Tgt Ion: 94 Resp: 64010
Ion Ratio Lower Upper
94 100
96 92.5 71.4 107.2



#6
Chloroethane
Concen: 18.913 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 62143
Ion Ratio Lower Upper
64 100
66 32.2 25.6 38.4

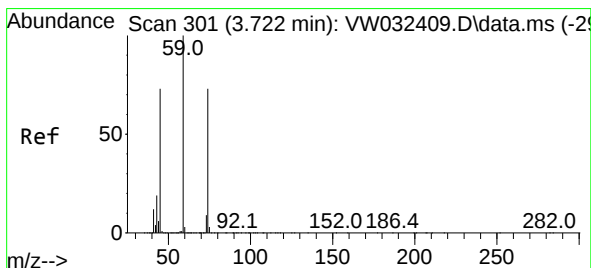
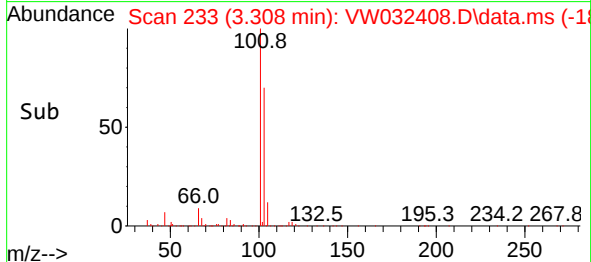
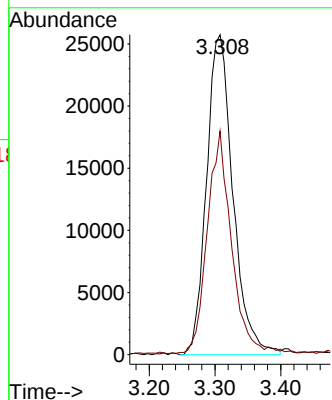
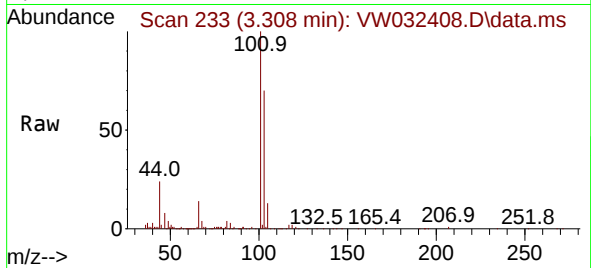




#7
 Trichlorofluoromethane
 Concen: 18.242 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032408.D
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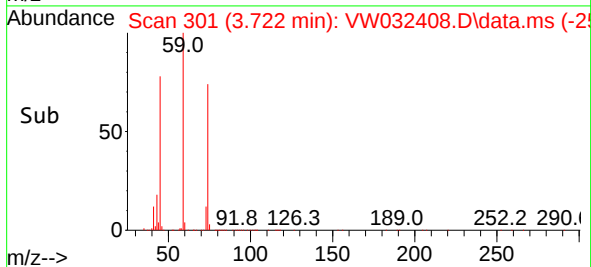
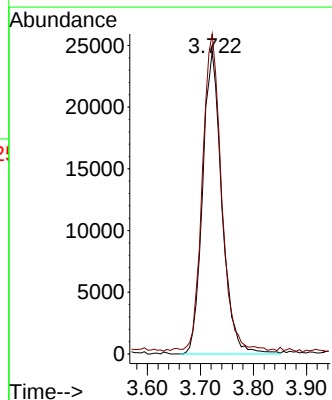
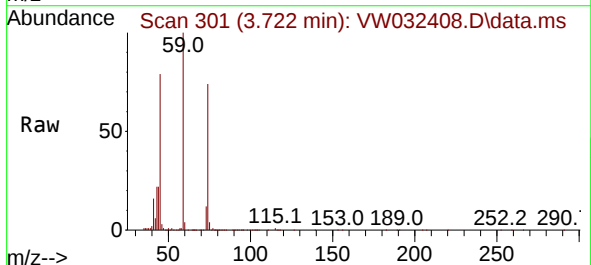
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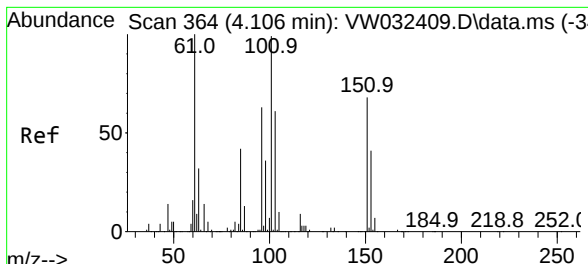
Tgt Ion:101 Resp: 71828
 Ion Ratio Lower Upper
 101 100
 103 69.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 19.188 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 61770
 Ion Ratio Lower Upper
 74 100
 45 102.1 51.8 155.4



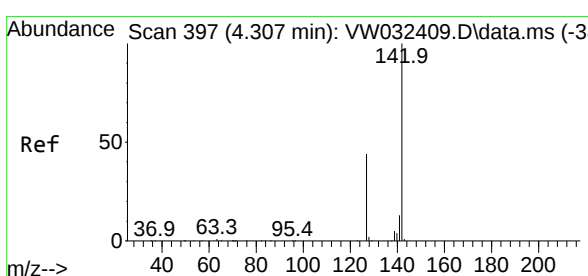
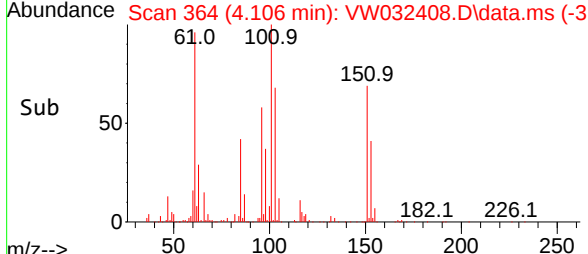
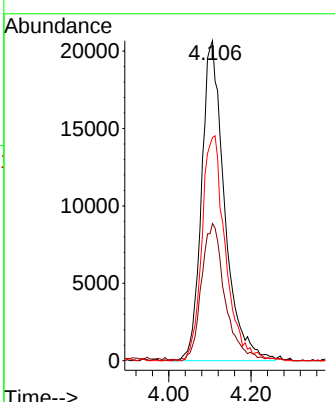
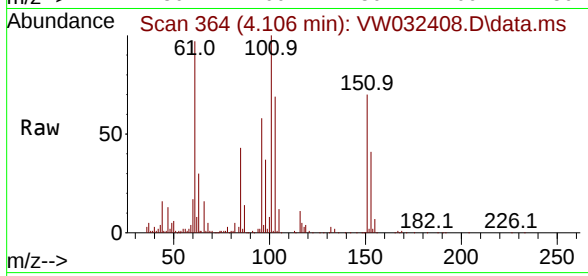


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.700 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 80209

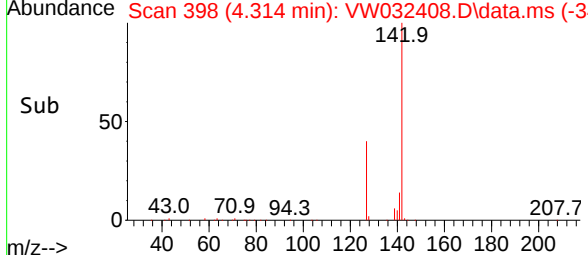
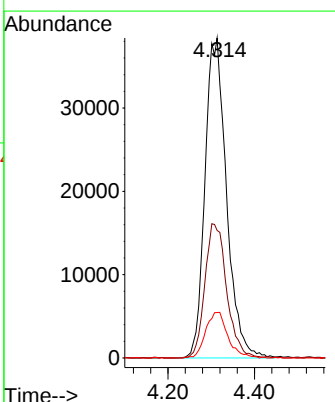
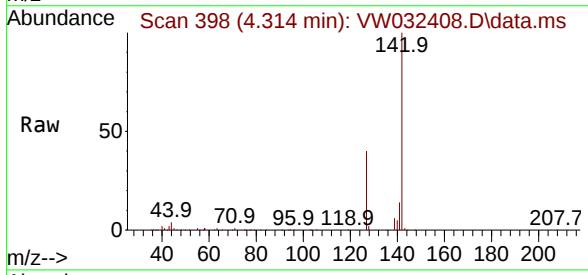
Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.1	51.1
151	72.0	56.4	84.6

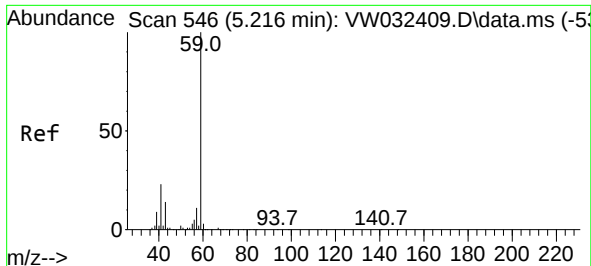


#10
 Methyl Iodide
 Concen: 19.207 ug/l
 RT: 4.314 min Scan# 398
 Delta R.T. 0.006 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Tgt Ion:142 Resp: 132689

Ion	Ratio	Lower	Upper
142	100		
127	42.5	34.2	51.2
141	14.7	11.8	17.8

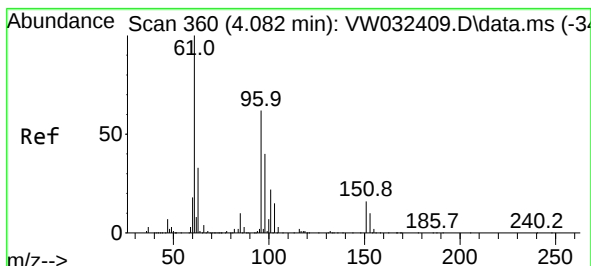
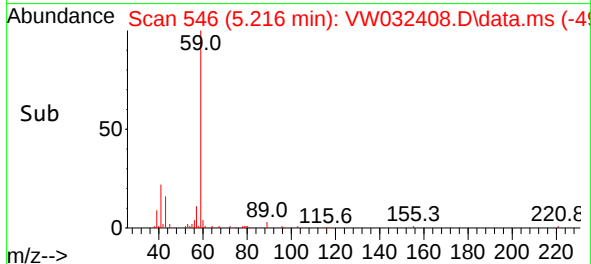
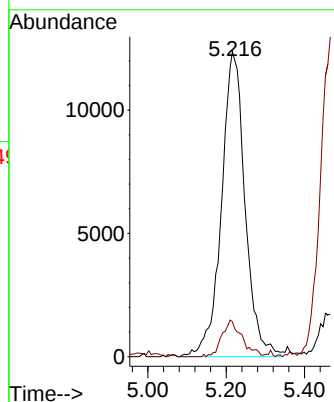
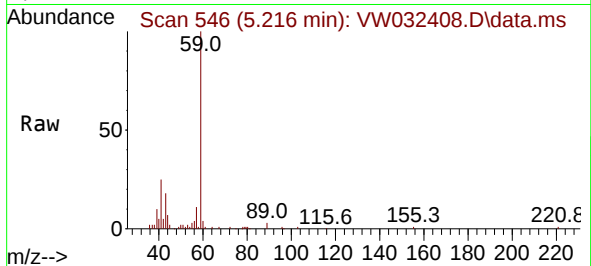




#11
Tert butyl alcohol
Concen: 101.406 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

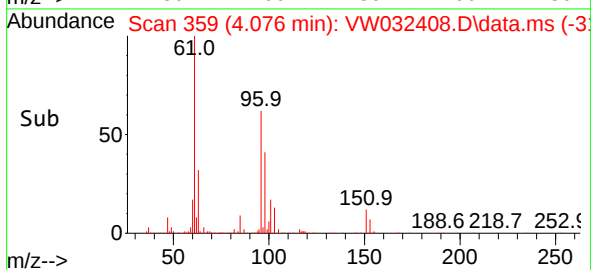
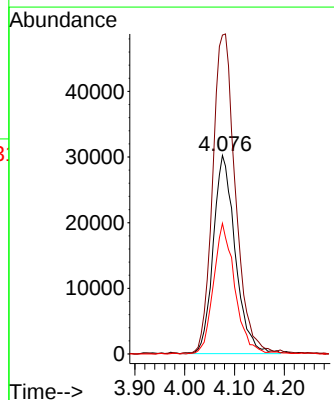
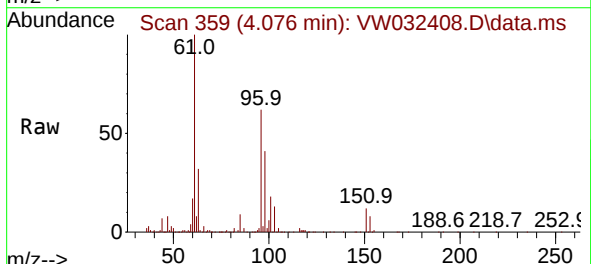
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 51729
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.812 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 96 Resp: 92526
Ion Ratio Lower Upper
96 100
61 160.7 129.0 193.6
98 65.9 51.1 76.7

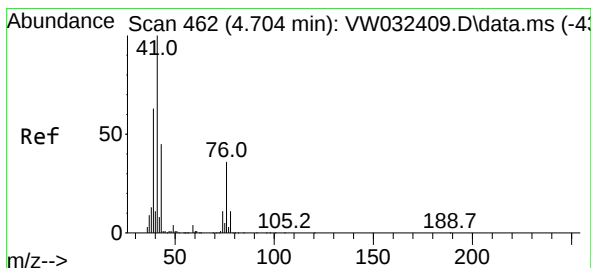
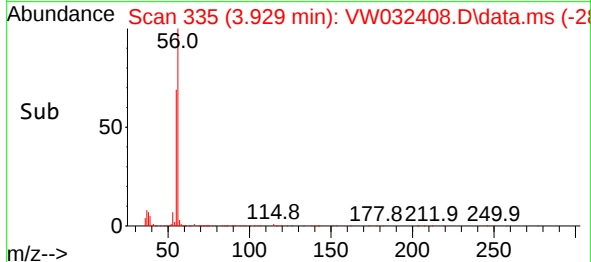
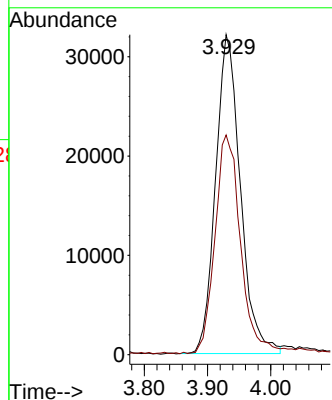
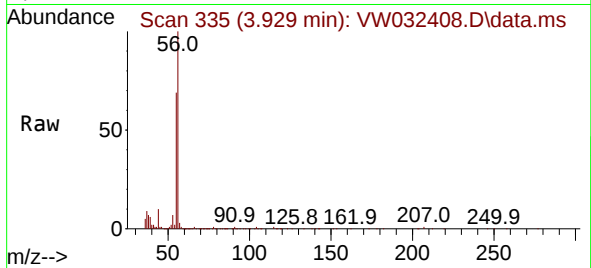




#13
Acrolein
Concen: 102.160 ug/l
RT: 3.929 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

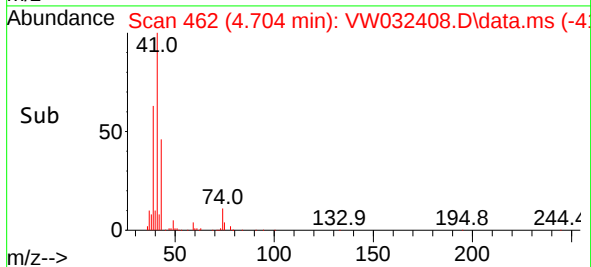
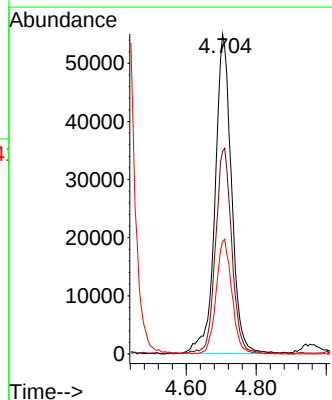
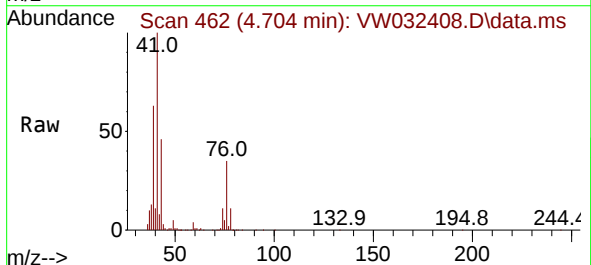
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

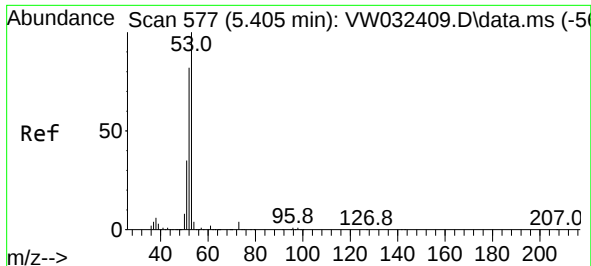
Tgt Ion: 56 Resp: 87436
Ion Ratio Lower Upper
56 100
55 70.8 56.3 84.5



#14
Allyl chloride
Concen: 18.948 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 41 Resp: 179218
Ion Ratio Lower Upper
41 100
39 64.1 50.2 75.2
76 34.4 27.0 40.6

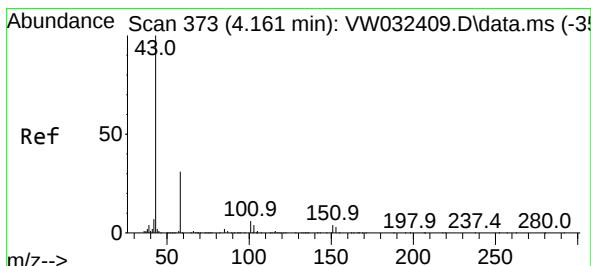
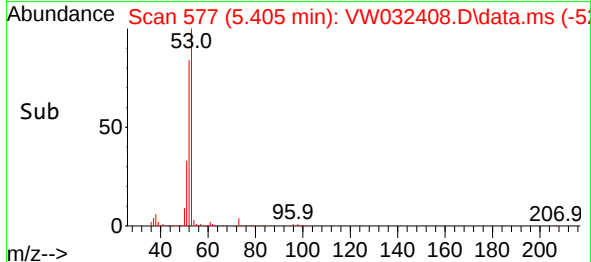
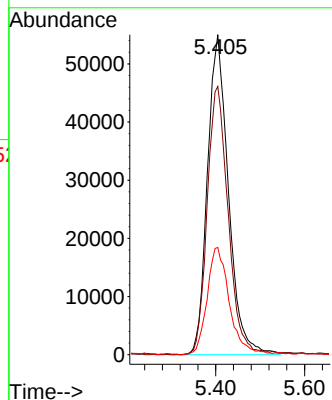
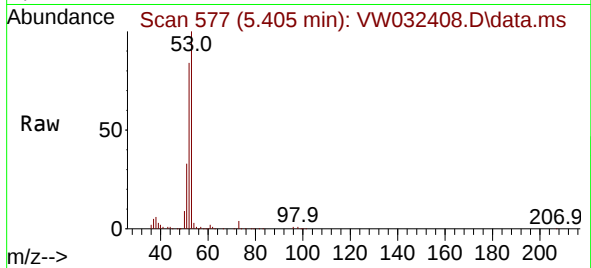




#15
Acrylonitrile
Concen: 96.966 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

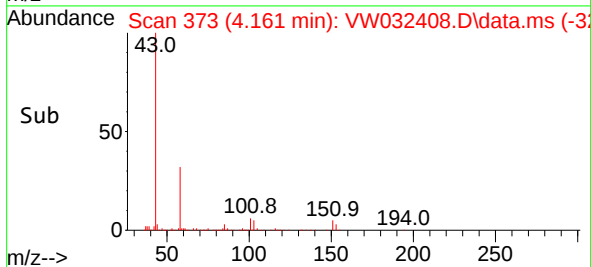
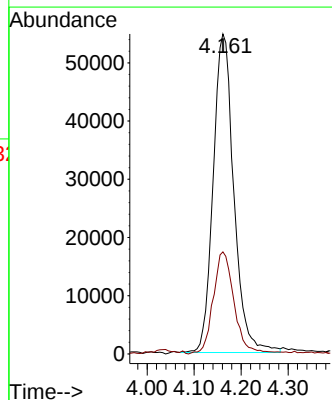
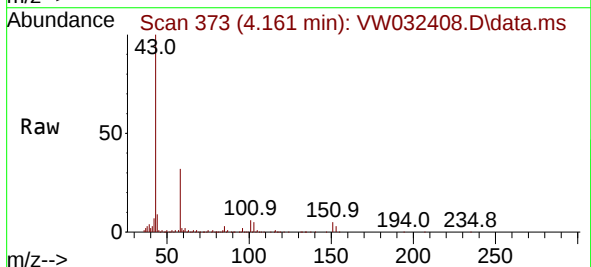
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

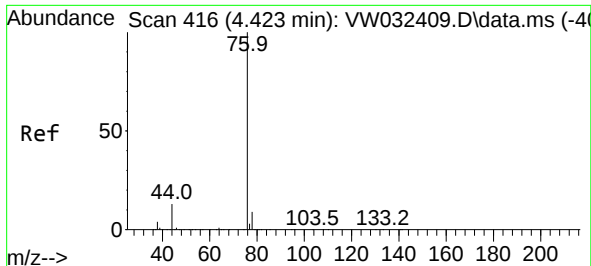
Tgt Ion: 53 Resp: 180486
Ion Ratio Lower Upper
53 100
52 84.1 66.4 99.6
51 35.5 28.6 43.0



#16
Acetone
Concen: 94.720 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 43 Resp: 167175
Ion Ratio Lower Upper
43 100
58 31.6 24.8 37.2

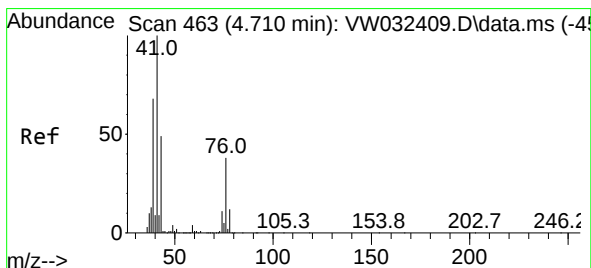
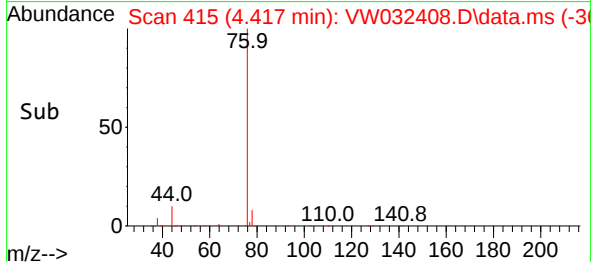
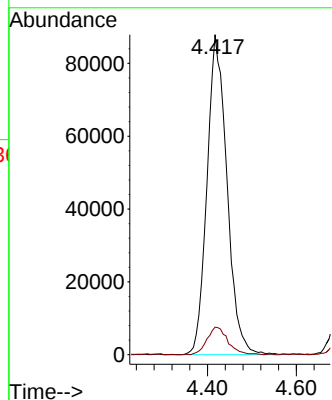
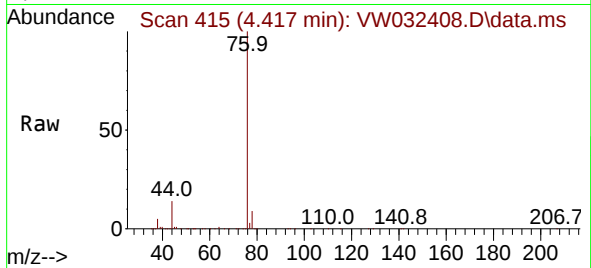




#17
Carbon Disulfide
Concen: 18.855 ug/l
RT: 4.417 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

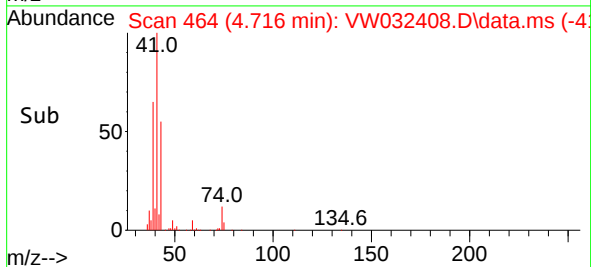
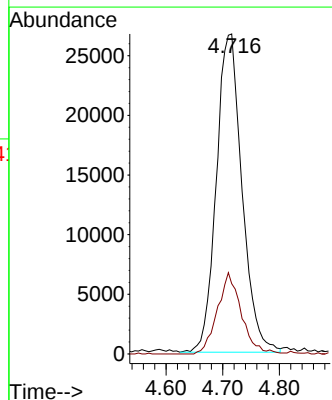
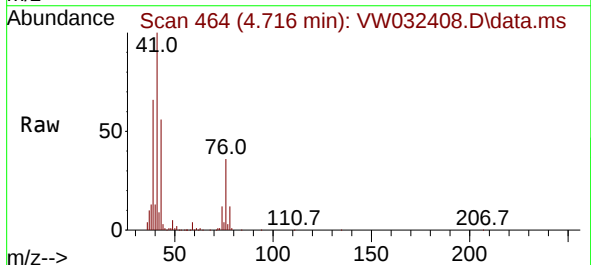
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

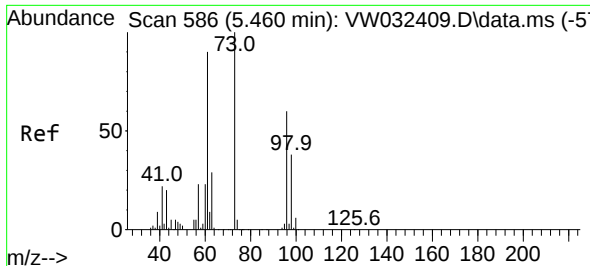
Tgt Ion: 76 Resp: 274085
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 19.228 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 43 Resp: 84037
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3

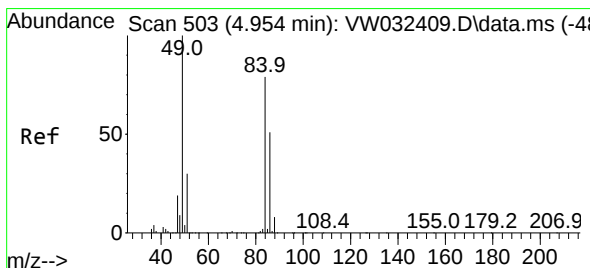
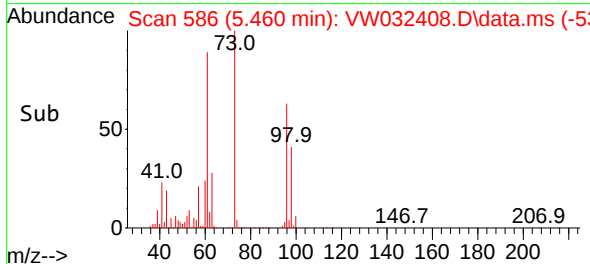
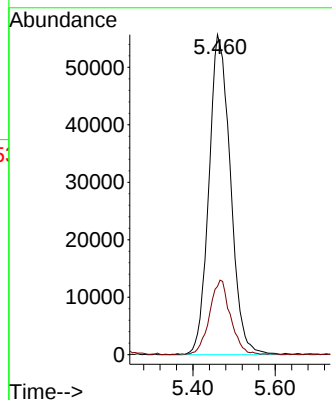
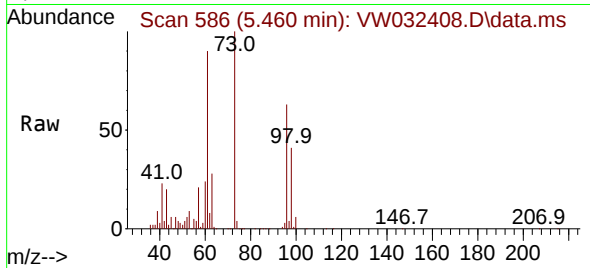




#19
Methyl tert-butyl Ether
Concen: 19.535 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

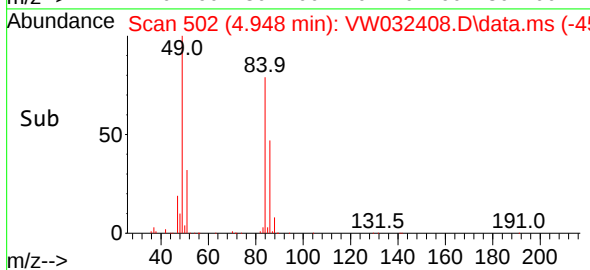
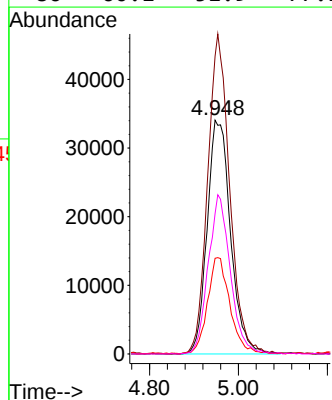
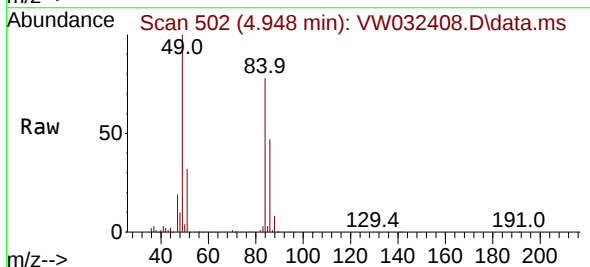
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

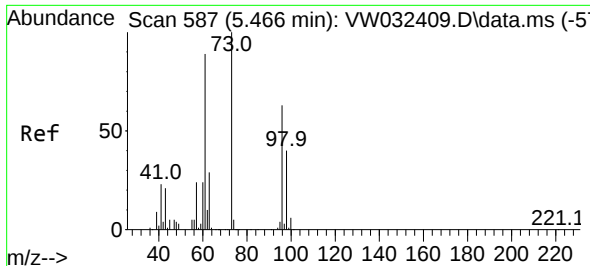
Tgt Ion: 73 Resp: 202532
Ion Ratio Lower Upper
73 100
57 21.2 18.3 27.5



#20
Methylene Chloride
Concen: 19.777 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 84 Resp: 124826
Ion Ratio Lower Upper
84 100
49 127.4 101.5 152.3
51 41.0 30.6 46.0
86 60.1 51.9 77.9

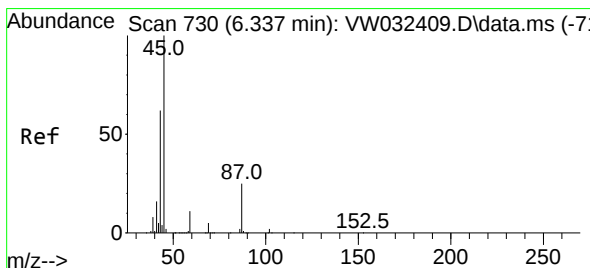
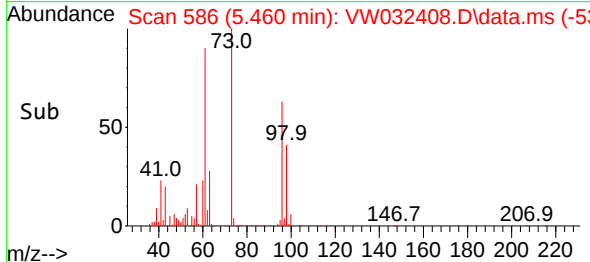
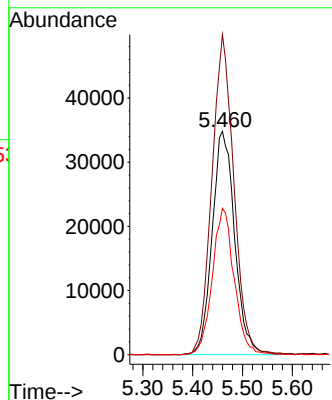
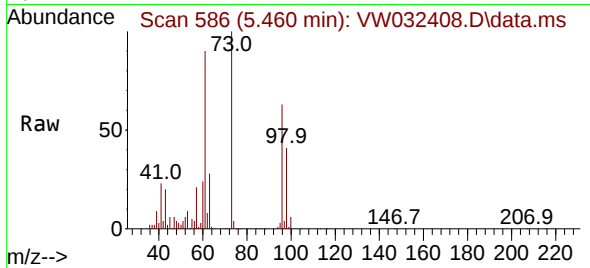




#21
trans-1,2-Dichloroethene
Concen: 19.413 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

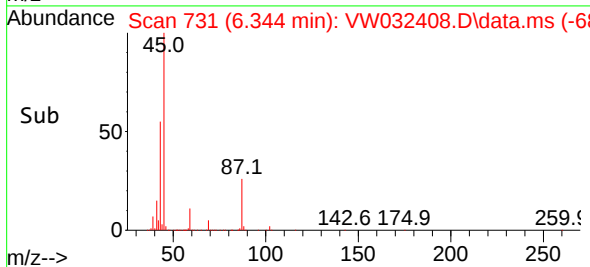
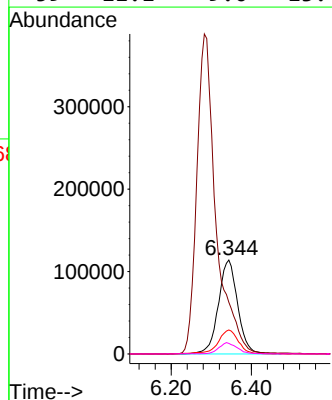
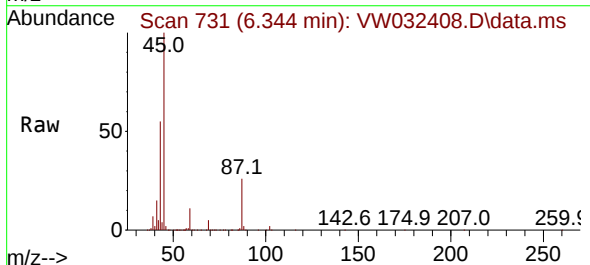
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

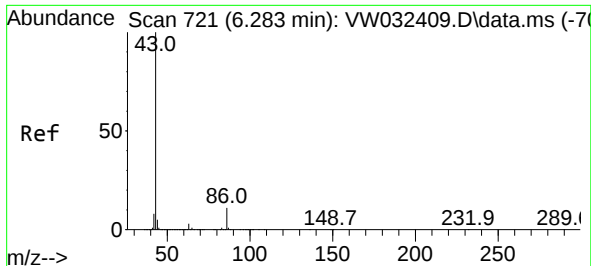
Tgt Ion: 96 Resp: 109177
Ion Ratio Lower Upper
96 100
61 143.3 112.5 168.7
98 65.6 51.1 76.7



#22
Diisopropyl ether
Concen: 19.748 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 45 Resp: 380288
Ion Ratio Lower Upper
45 100
43 54.6 49.4 74.2
87 25.4 20.1 30.1
59 11.1 9.0 13.4

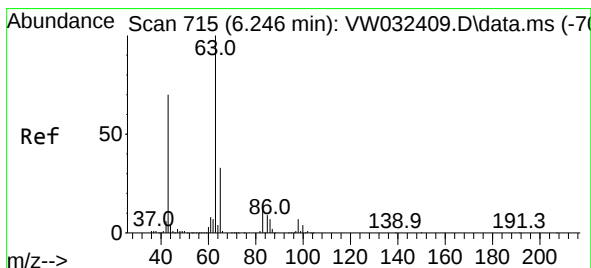
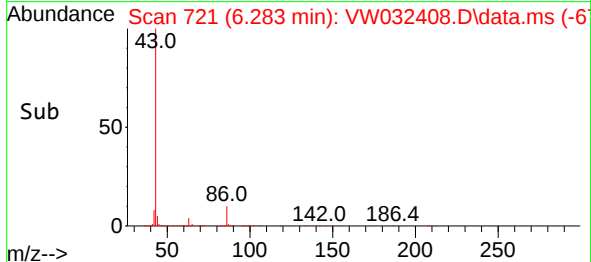
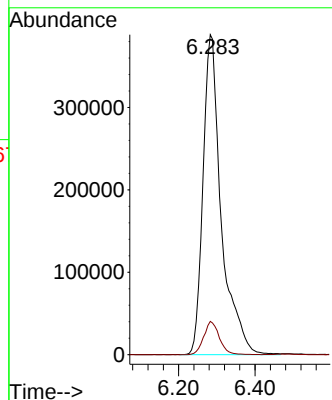
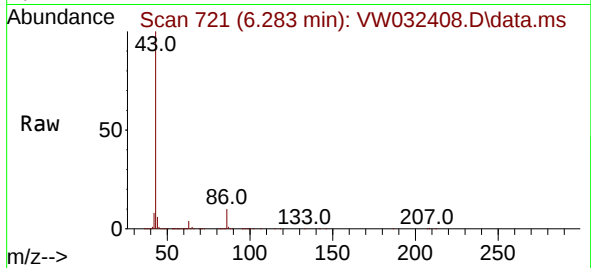




#23
 Vinyl Acetate
 Concen: 97.505 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

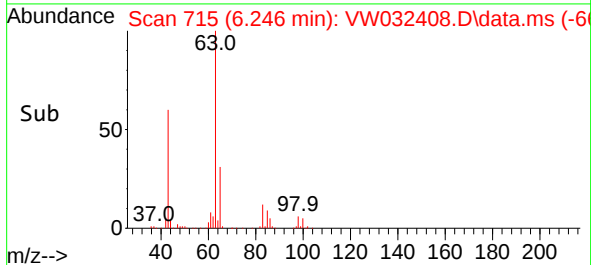
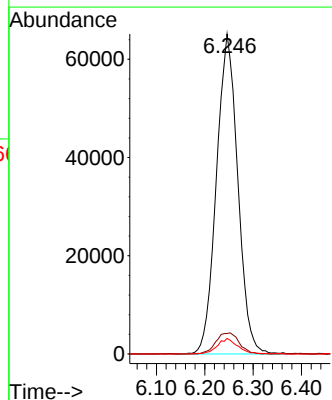
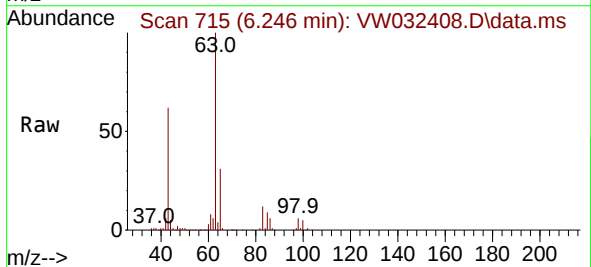
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

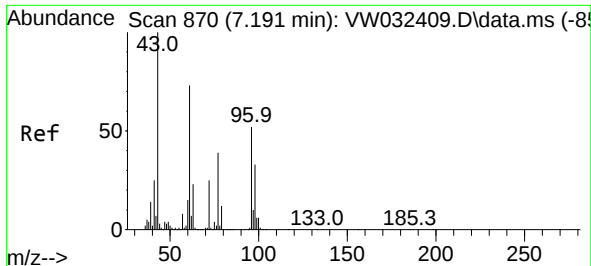
Tgt Ion: 43 Resp: 1286472
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 18.935 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Tgt Ion: 63 Resp: 199778
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.8 2.3 6.8

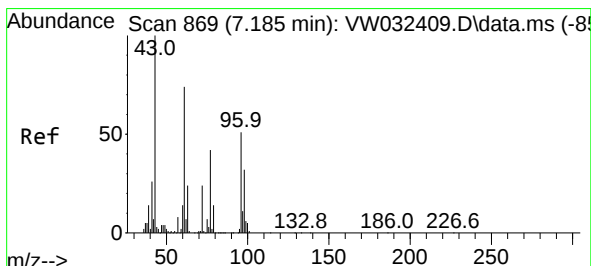
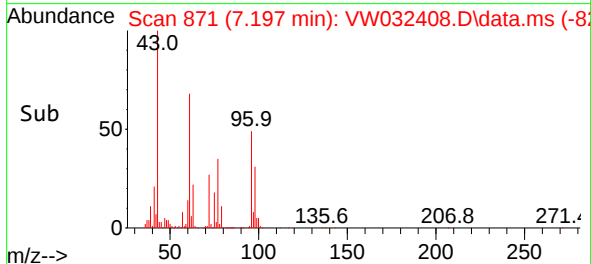
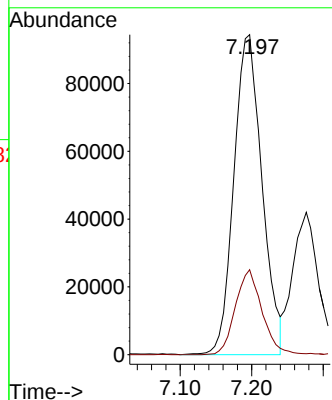
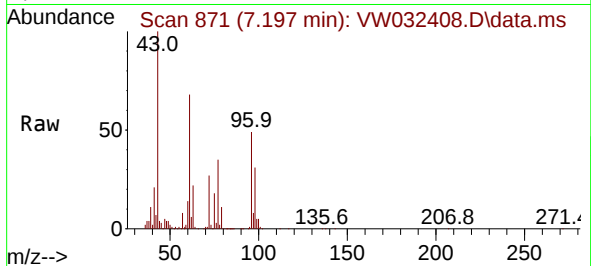




#25
2-Butanone
Concen: 99.213 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

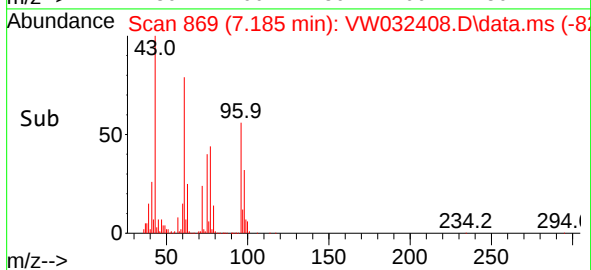
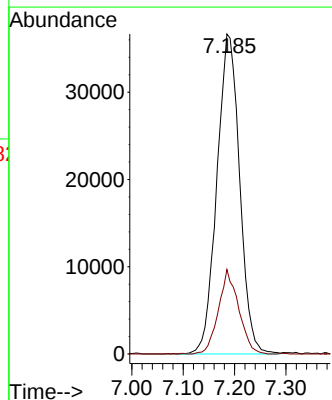
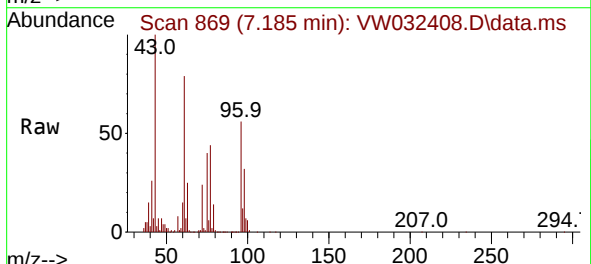
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

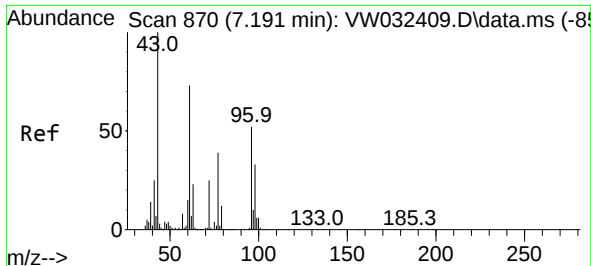
Tgt Ion: 43 Resp: 257973
Ion Ratio Lower Upper
43 100
72 26.5 20.0 30.0



#26
2,2-Dichloropropane
Concen: 19.163 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 77 Resp: 112678
Ion Ratio Lower Upper
77 100
97 23.4 12.3 36.8



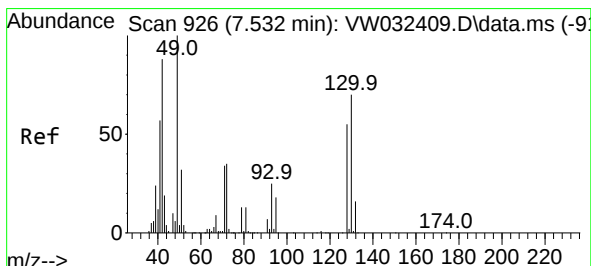
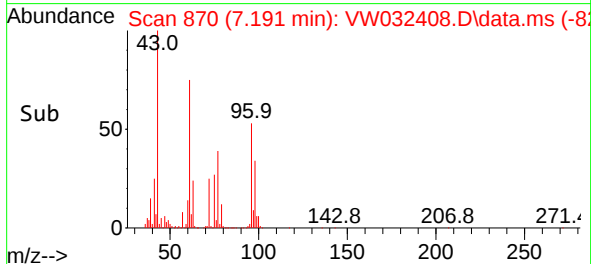
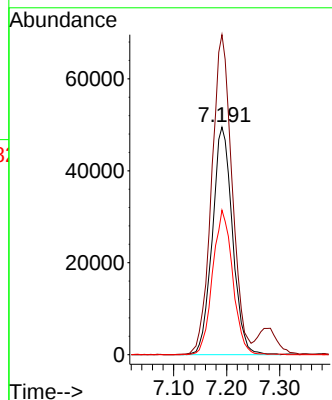
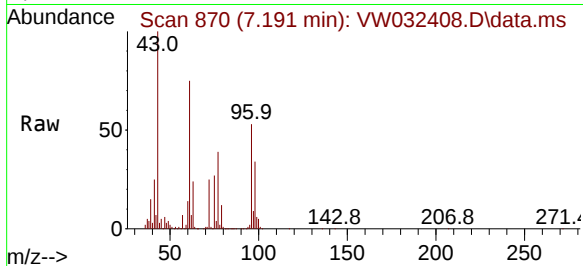


#27
 cis-1,2-Dichloroethene
 Concen: 19.430 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Tgt Ion: 96 Resp: 130563

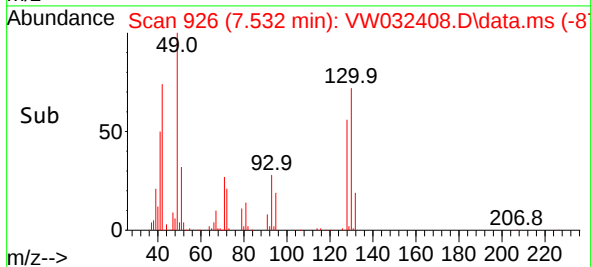
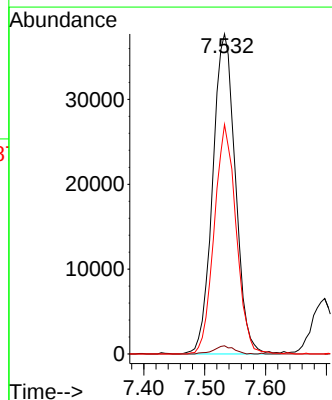
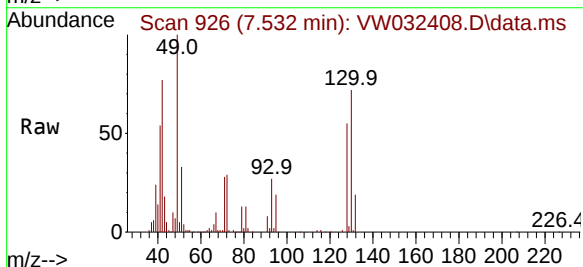
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	282.6
98	63.2	0.0	128.6

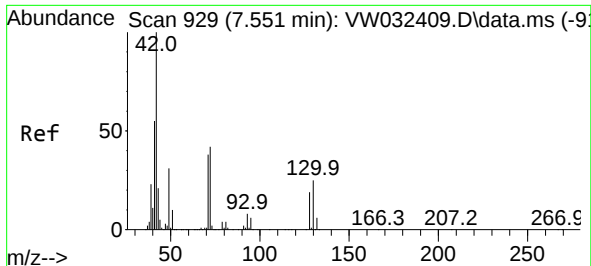


#28
 Bromochloromethane
 Concen: 19.566 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Tgt Ion: 49 Resp: 97569

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	69.3	56.9	85.3





#29

Tetrahydrofuran

Concen: 98.600 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

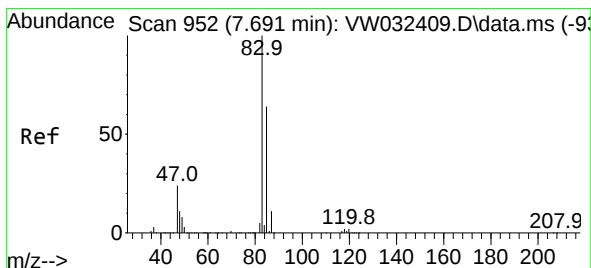
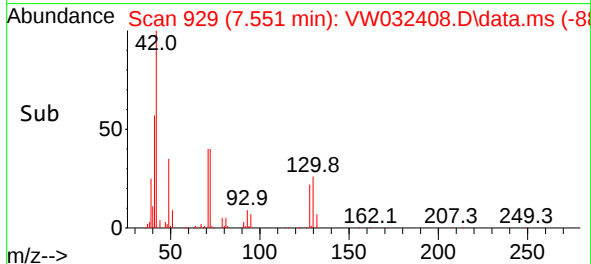
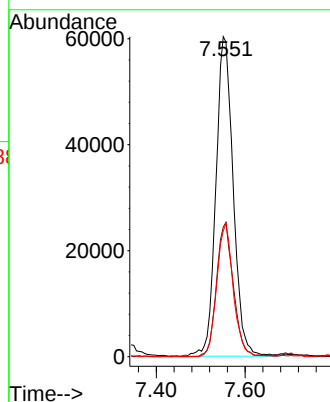
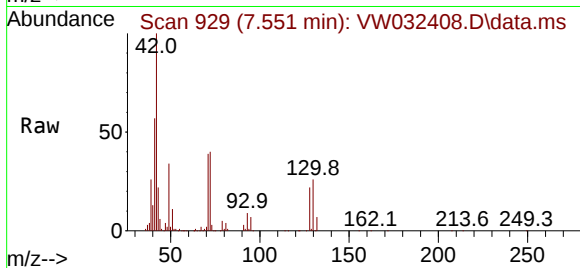
Tgt Ion: 42 Resp: 162726

Ion Ratio Lower Upper

42 100

72 40.8 33.6 50.4

71 39.8 31.4 47.0



#30

Chloroform

Concen: 19.305 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032408.D

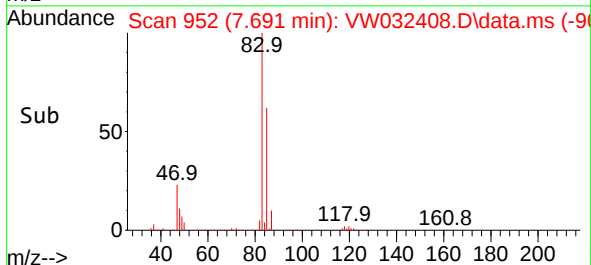
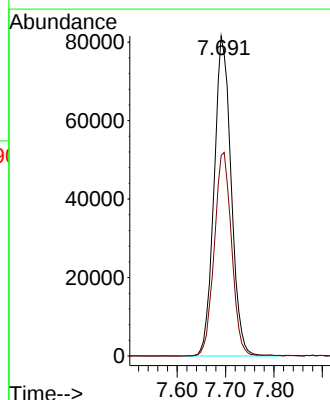
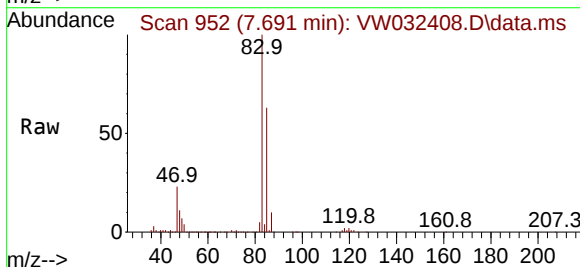
Acq: 10 Nov 2025 15:55

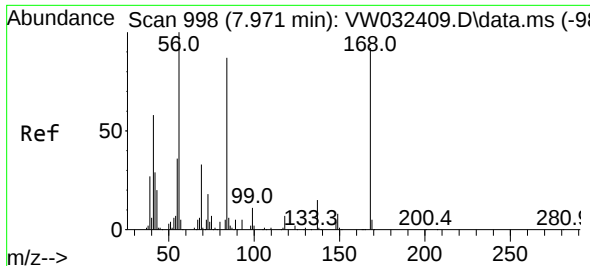
Tgt Ion: 83 Resp: 199398

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.4

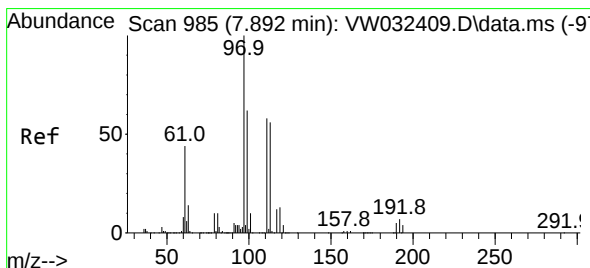
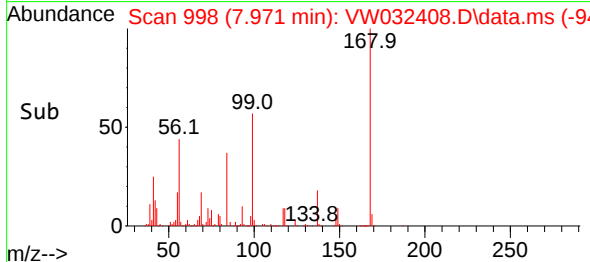
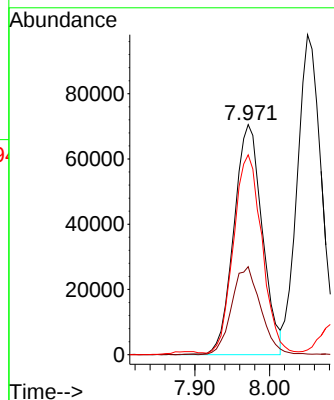
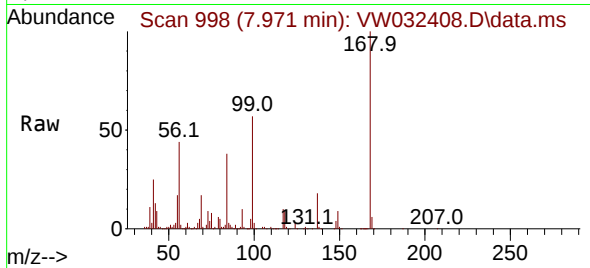




#31
Cyclohexane
Concen: 19.062 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

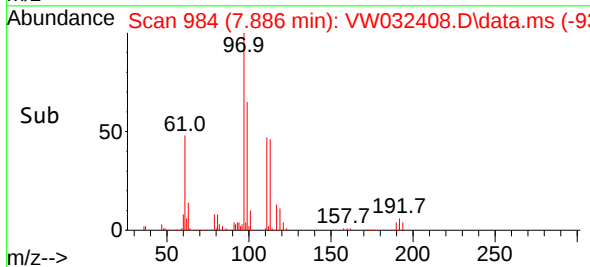
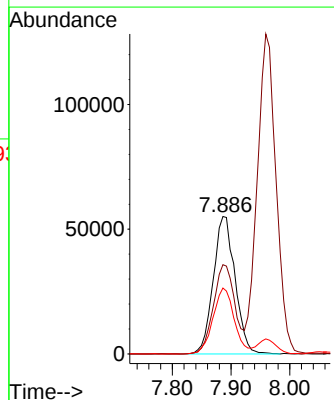
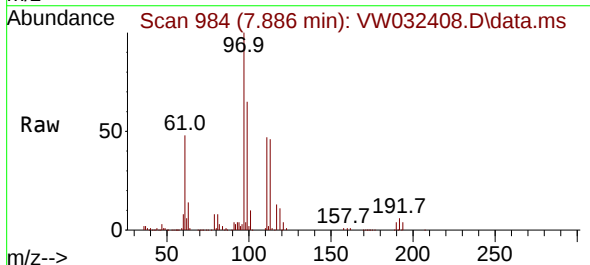
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

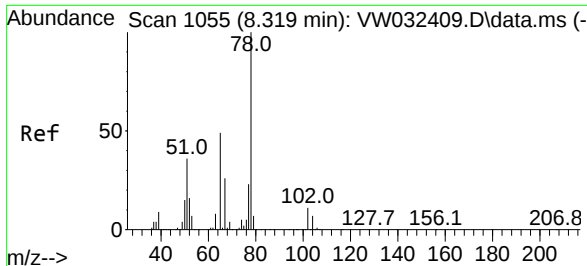
Tgt Ion: 56 Resp: 186039
Ion Ratio Lower Upper
56 100
69 38.1 26.5 39.7
84 85.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 19.247 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 97 Resp: 142015
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 46.3 35.5 53.3

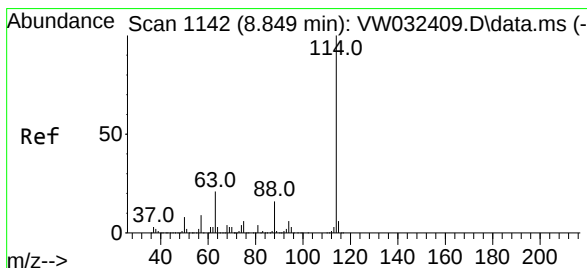
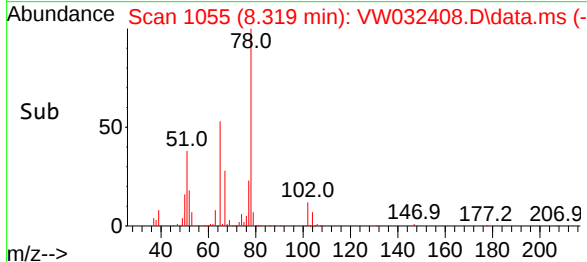
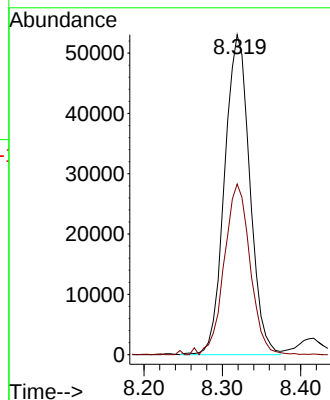
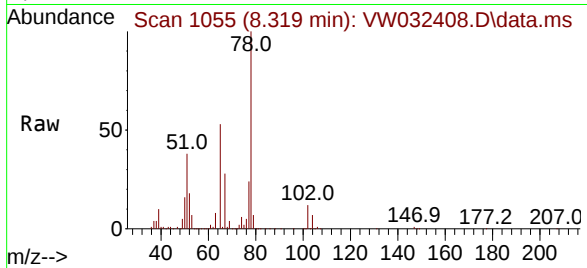




#33
 1,2-Dichloroethane-d4
 Concen: 20.089 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

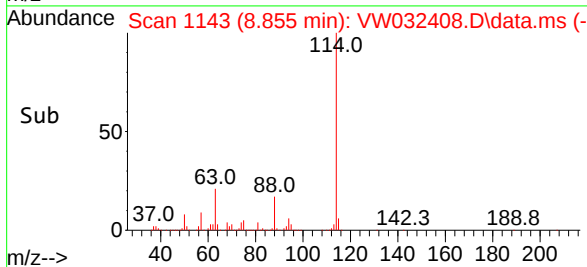
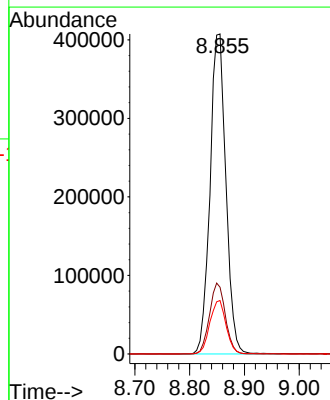
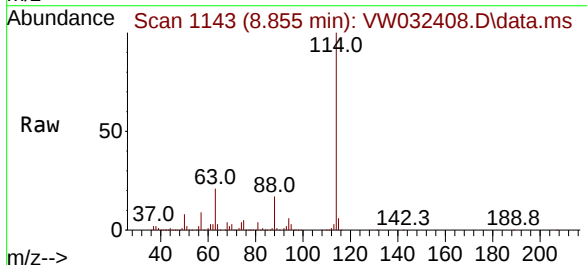
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

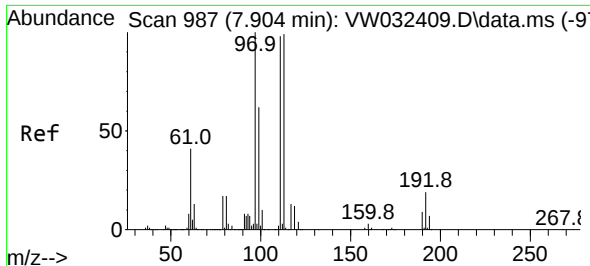
Tgt Ion: 65 Resp: 118510
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Tgt Ion: 114 Resp: 816489
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.8
 88 16.7 0.0 32.6

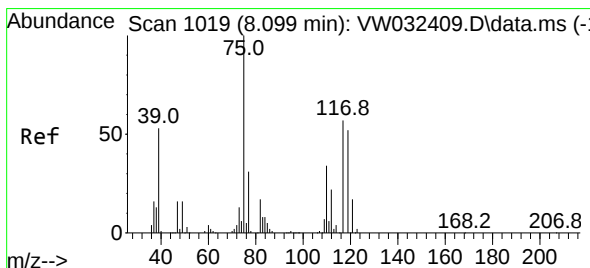
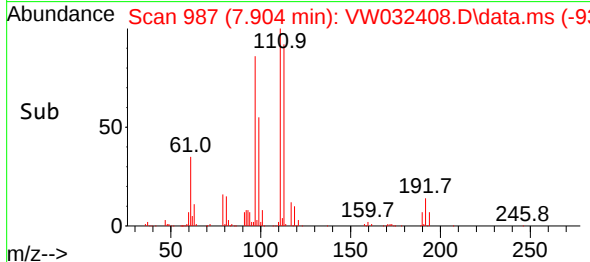
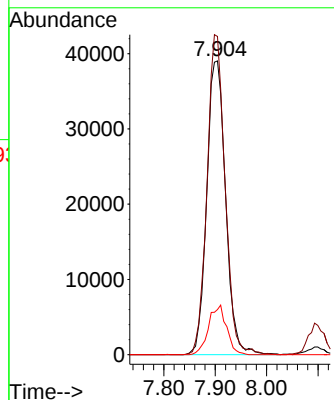
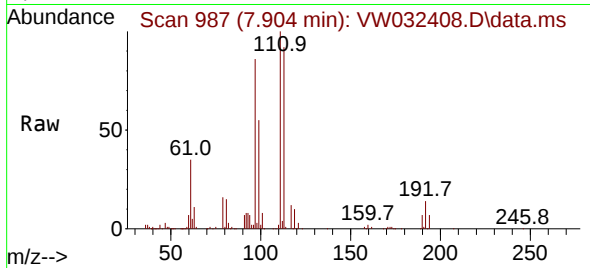




#35
 Dibromofluoromethane
 Concen: 20.352 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

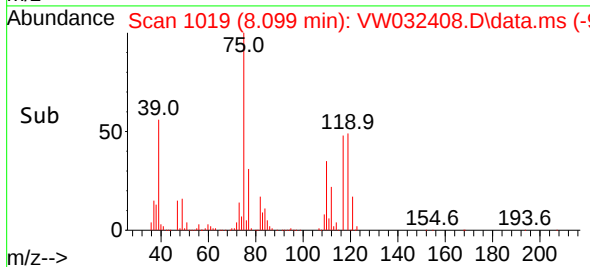
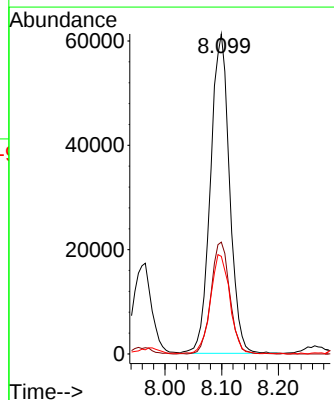
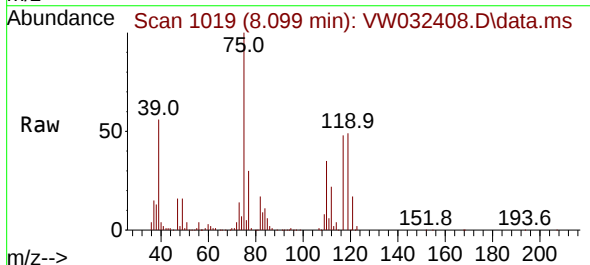
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

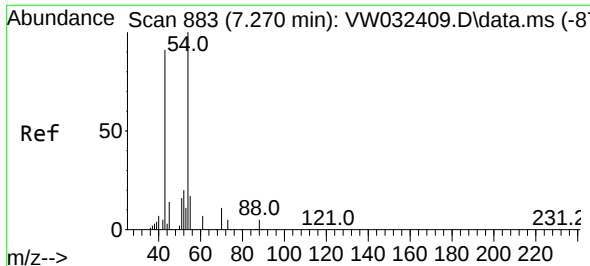
Tgt Ion:113 Resp: 99490
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.1 124.7
 192 16.1 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 19.790 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Tgt Ion: 75 Resp: 142545
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.2 51.5
 77 31.7 24.5 36.7

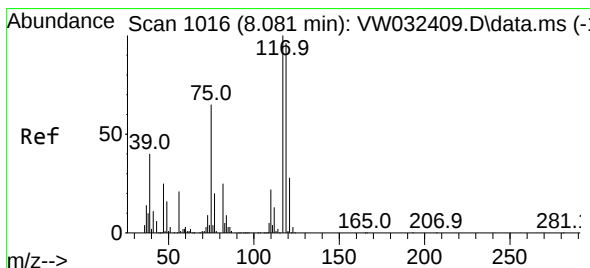
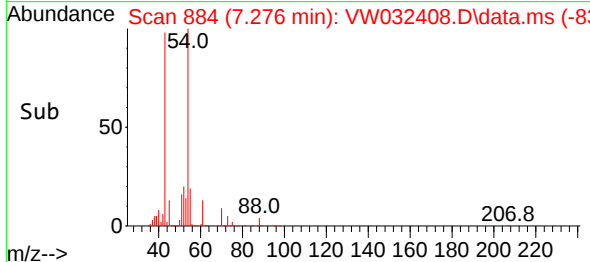
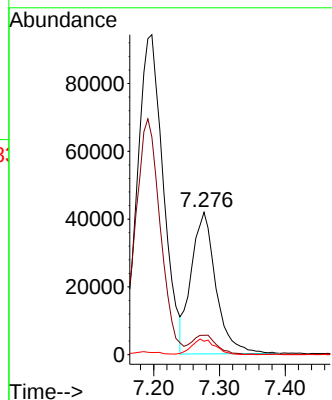
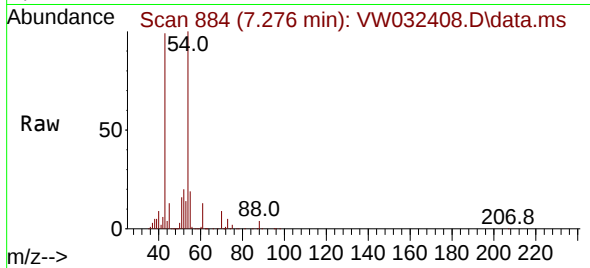




#37
Ethyl Acetate
Concen: 20.277 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

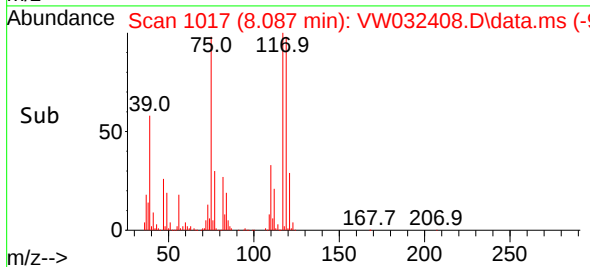
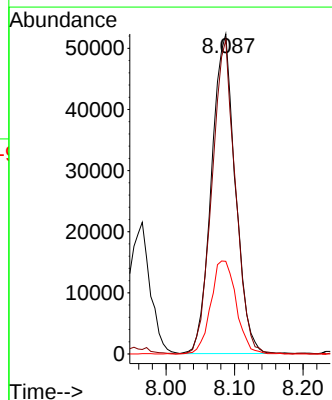
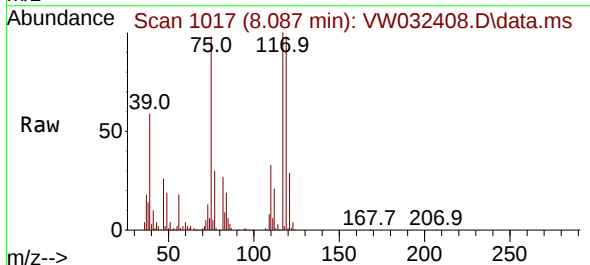
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

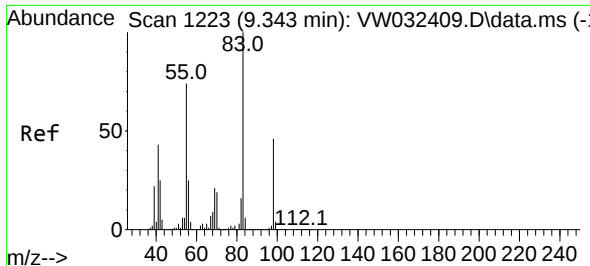
Tgt Ion: 43 Resp: 108602
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.706 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 117 Resp: 126114
Ion Ratio Lower Upper
117 100
119 98.1 77.0 115.4
121 29.0 22.0 33.0

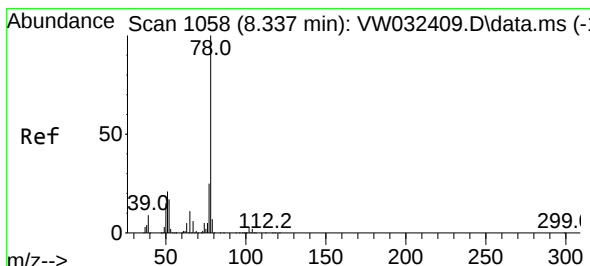
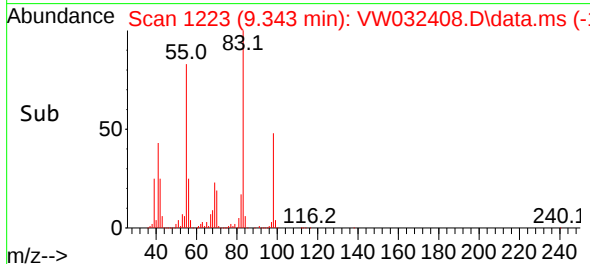
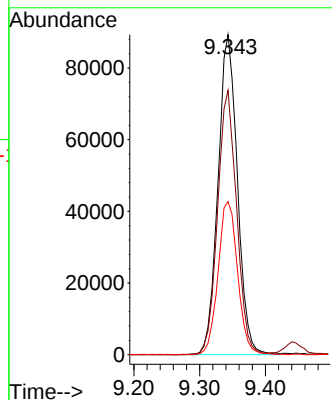
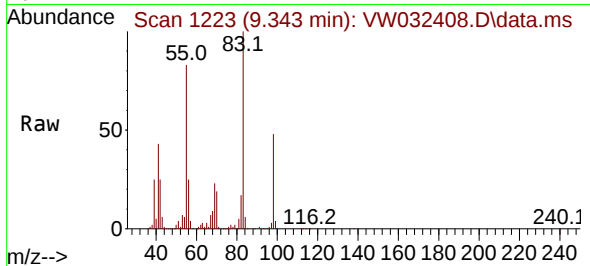




#39
Methylcyclohexane
Concen: 19.658 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

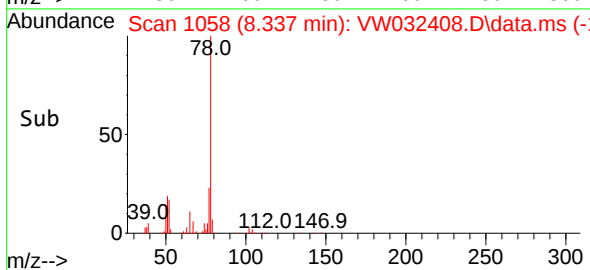
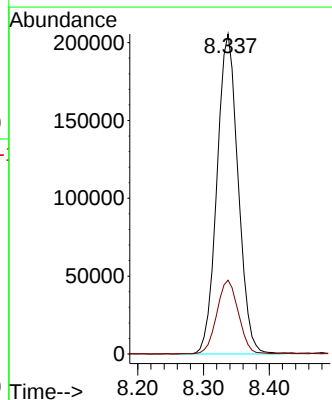
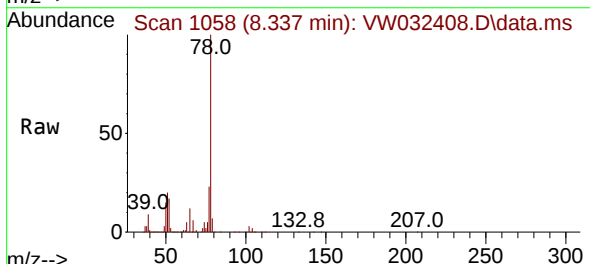
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

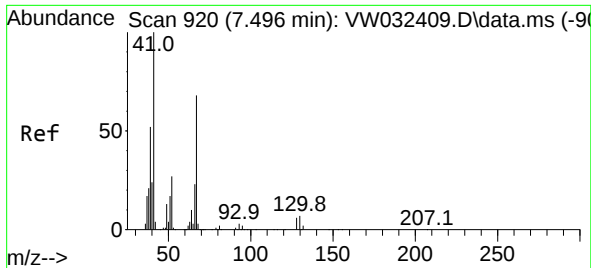
Tgt Ion: 83 Resp: 183430
Ion Ratio Lower Upper
83 100
55 82.5 59.2 88.8
98 47.9 36.6 54.8



#40
Benzene
Concen: 19.848 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 78 Resp: 460390
Ion Ratio Lower Upper
78 100
77 23.0 19.6 29.4

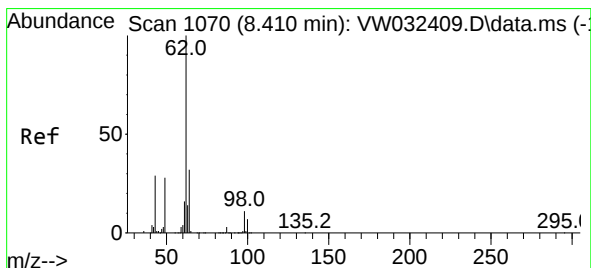
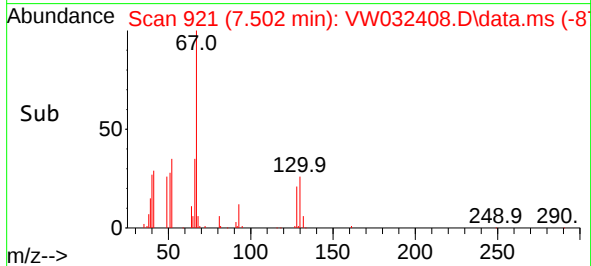
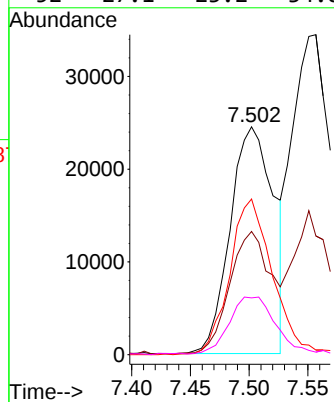
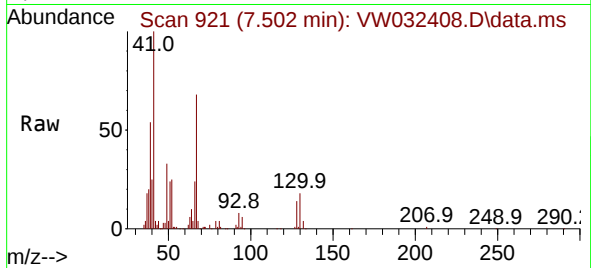




#41
Methacrylonitrile
Concen: 21.432 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

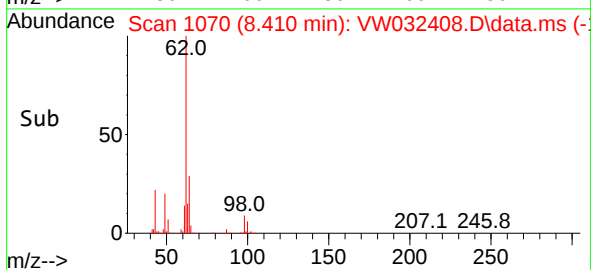
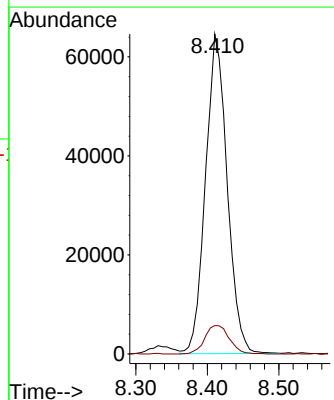
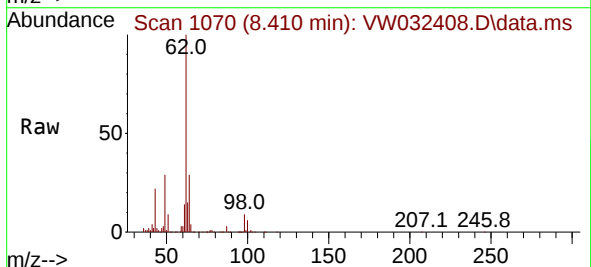
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

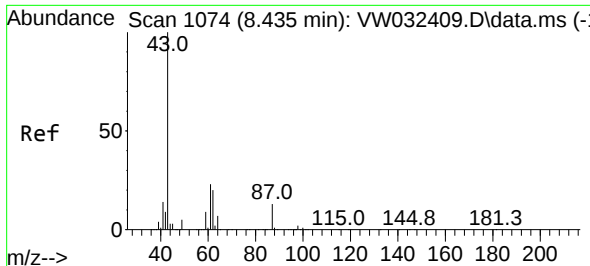
Tgt Ion: 41	Resp: 63058
Ion Ratio	Lower Upper
41 100	
39 51.9	44.6 66.8
67 68.0	57.6 86.4
52 27.1	23.2 34.8



#42
1,2-Dichloroethane
Concen: 19.937 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 62	Resp: 135836
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 20.2

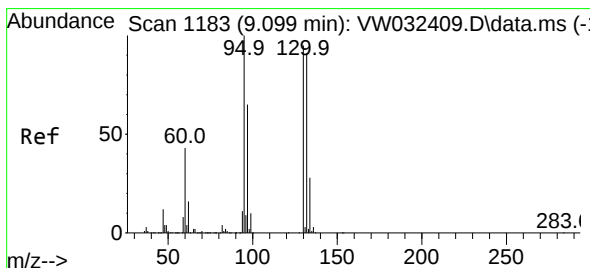
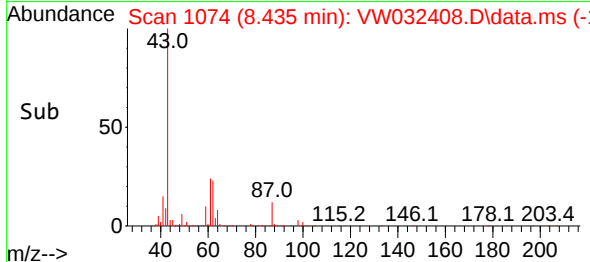
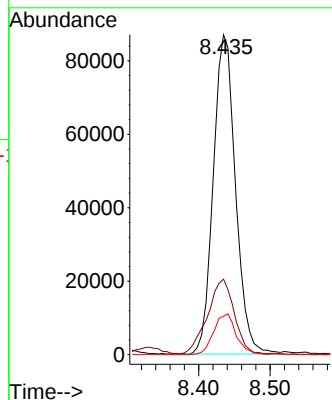
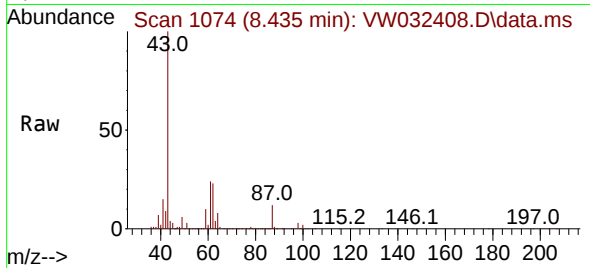




#43
Isopropyl Acetate
Concen: 19.812 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

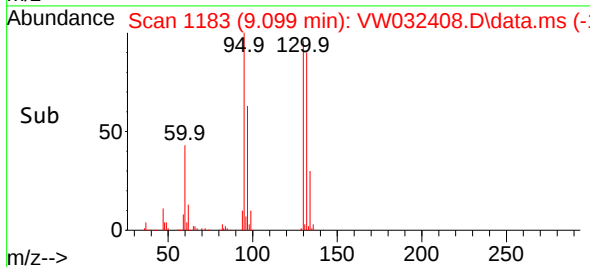
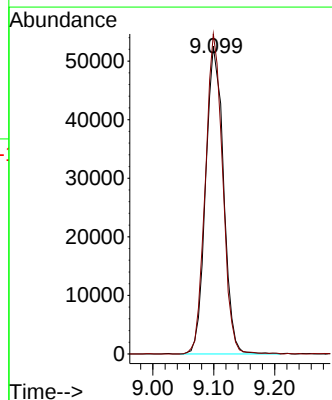
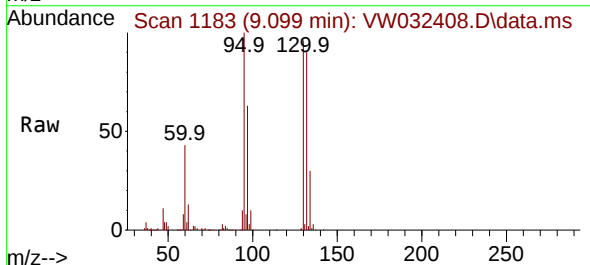
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

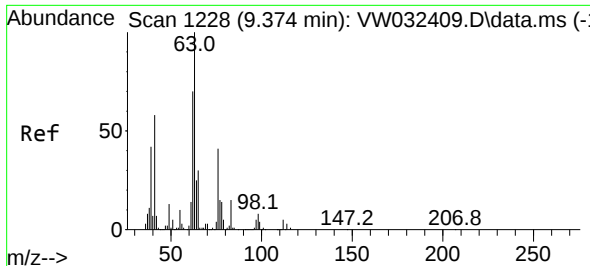
Tgt Ion: 43 Resp: 187892
Ion Ratio Lower Upper
43 100
61 28.0 22.6 33.8
87 12.9 10.6 15.8



#44
Trichloroethene
Concen: 19.809 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion:130 Resp: 106920
Ion Ratio Lower Upper
130 100
95 104.0 0.0 209.6

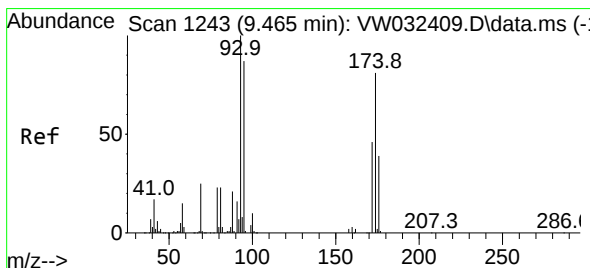
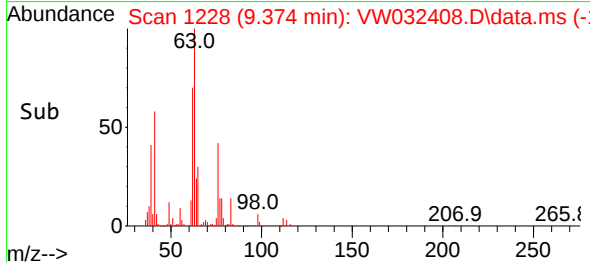
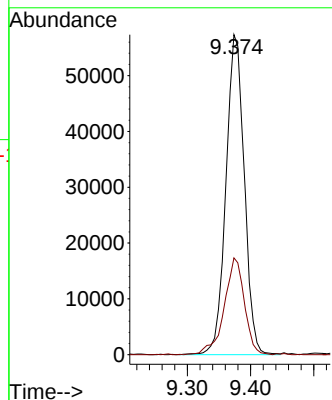
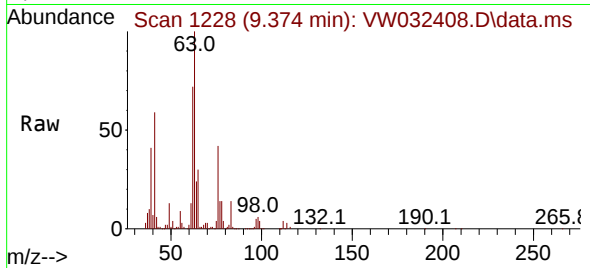




#45
1,2-Dichloropropane
Concen: 20.008 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

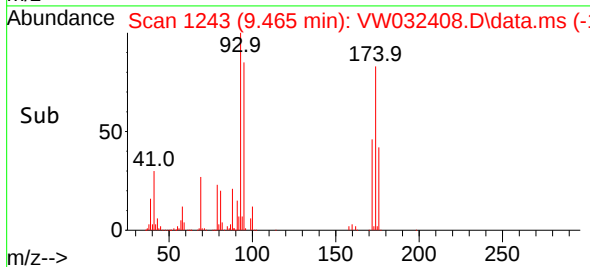
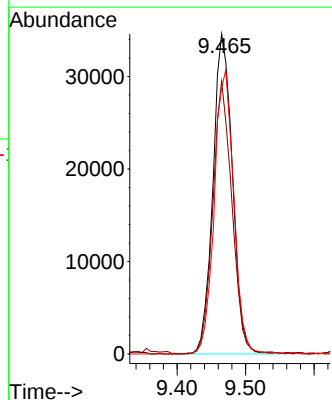
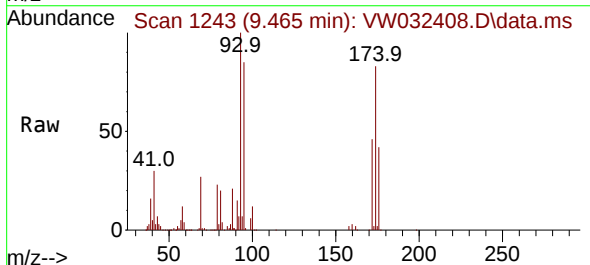
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

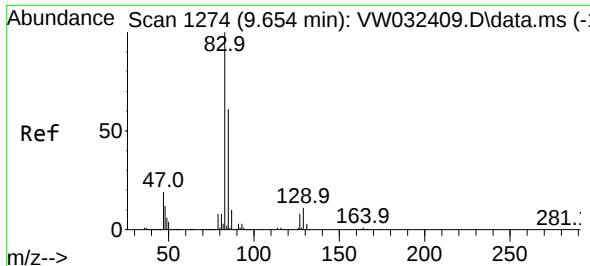
Tgt Ion: 63 Resp: 115560
Ion Ratio Lower Upper
63 100
65 30.1 24.4 36.6



#46
Dibromomethane
Concen: 20.326 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 93 Resp: 68601
Ion Ratio Lower Upper
93 100
95 83.4 67.1 100.7
174 88.3 68.2 102.4

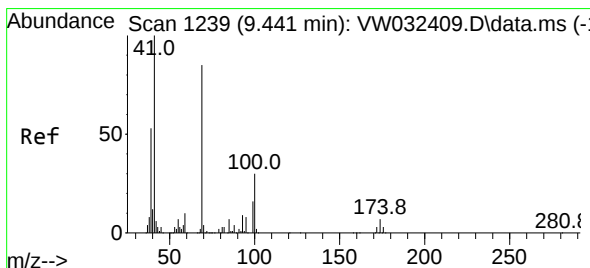
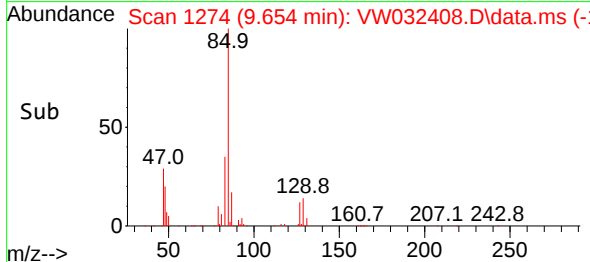
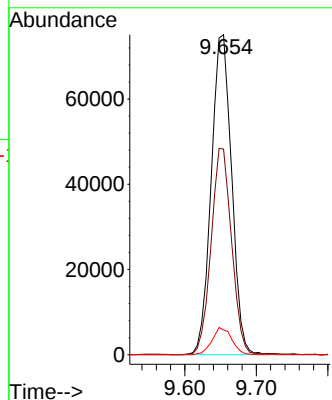
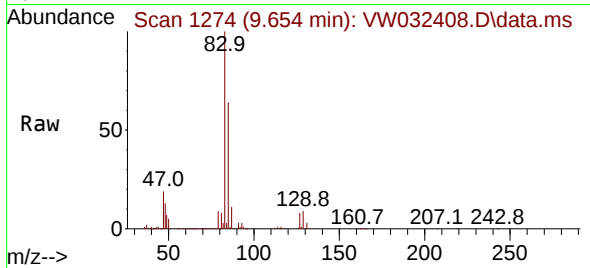




#47
Bromodichloromethane
Concen: 19.328 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

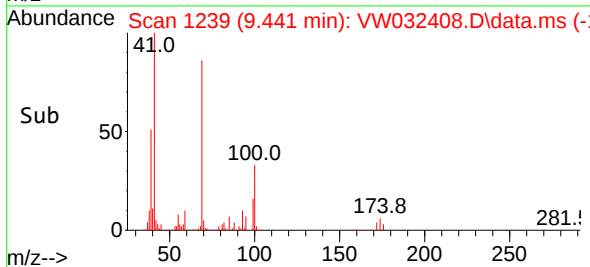
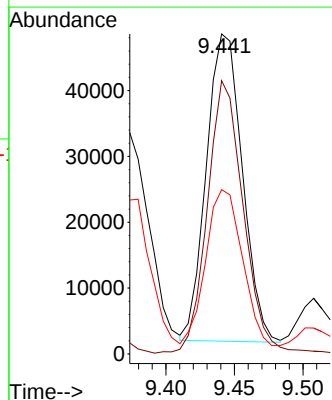
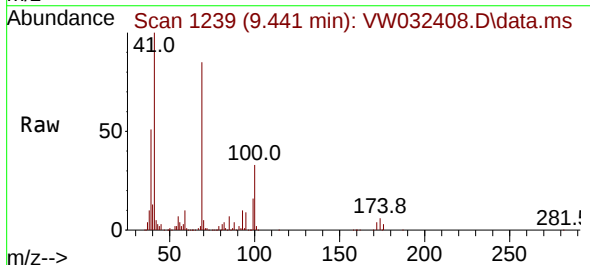
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

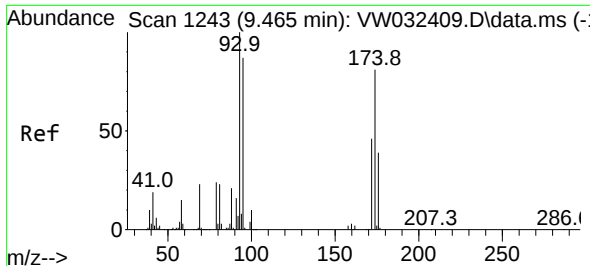
Tgt Ion: 83 Resp: 148808
Ion Ratio Lower Upper
83 100
85 64.3 48.7 73.1
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 18.909 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 41 Resp: 85216
Ion Ratio Lower Upper
41 100
69 89.0 65.8 98.6
39 51.9 38.6 57.8

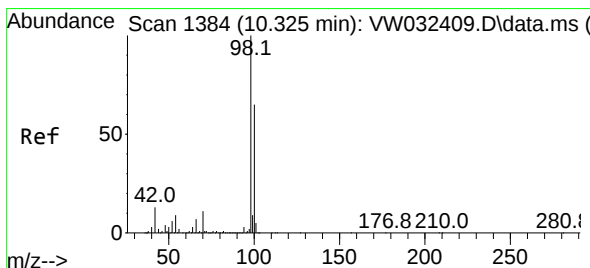
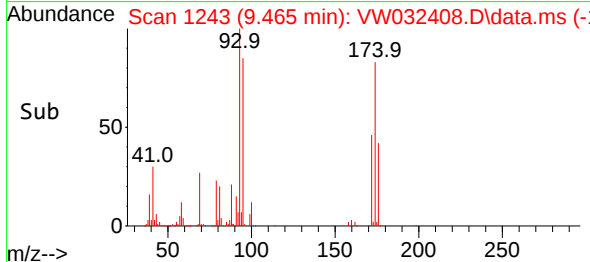
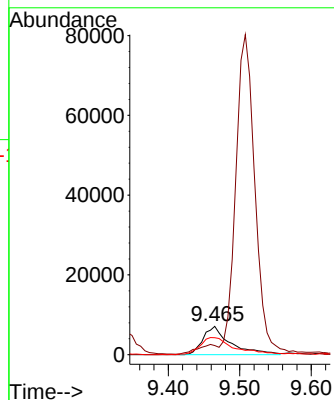
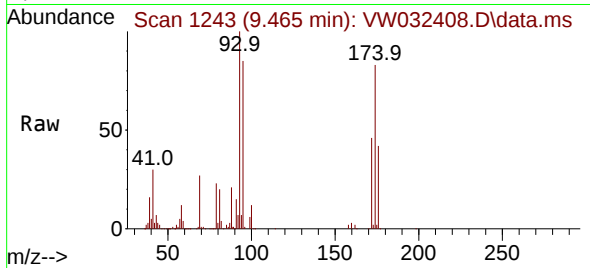




#49
1,4-Dioxane
Concen: 399.292 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

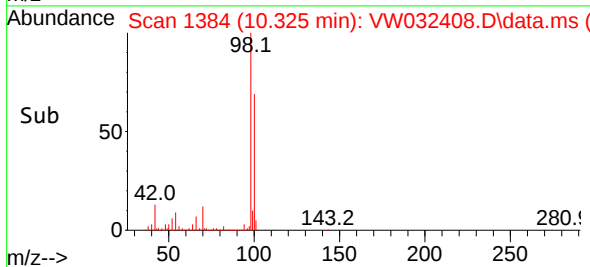
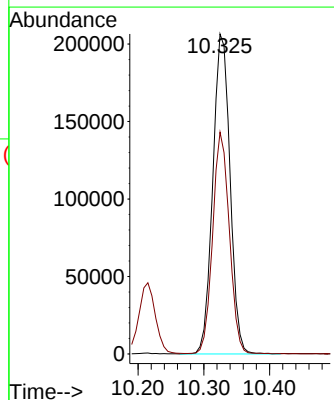
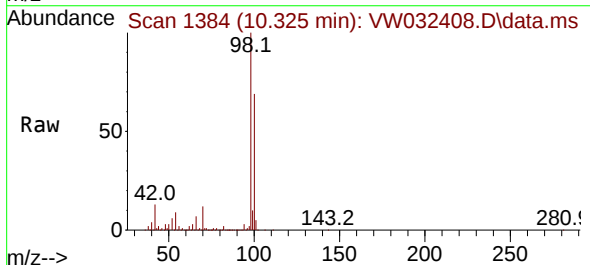
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

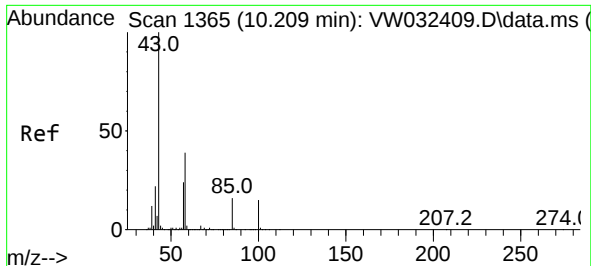
Tgt Ion: 88 Resp: 18879
Ion Ratio Lower Upper
88 100
43 26.4 0.0 0.0#
58 76.3 63.0 94.4



#50
Toluene-d8
Concen: 20.057 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 98 Resp: 376146
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 102.710 ug/l

RT: 10.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

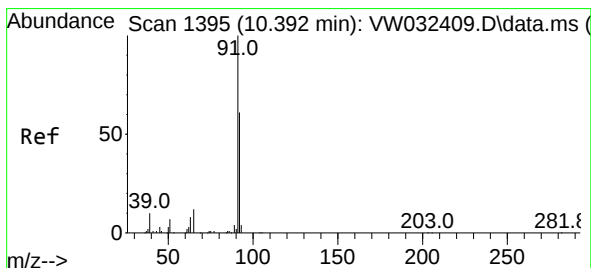
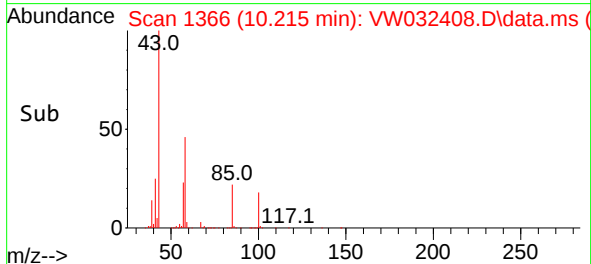
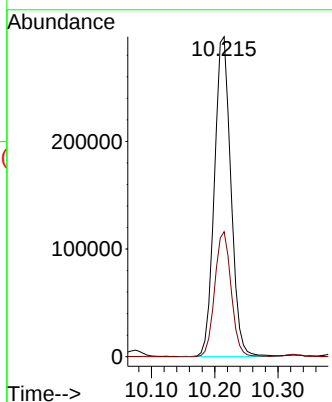
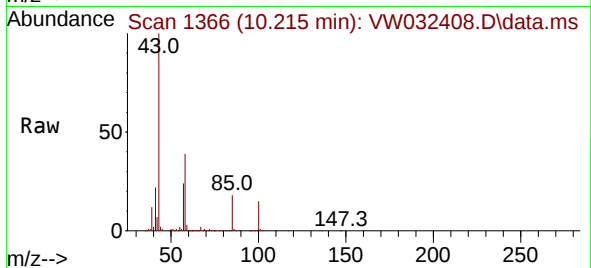
VSTDIC020

Tgt Ion: 43 Resp: 538488

Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.2



#52

Toluene

Concen: 19.832 ug/l

RT: 10.392 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VW032408.D

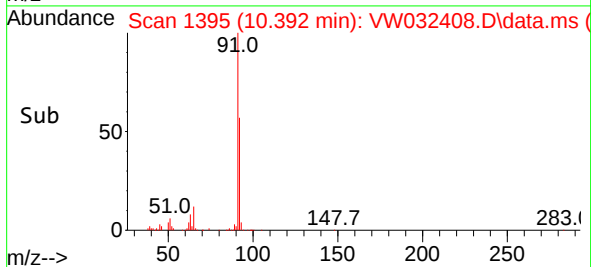
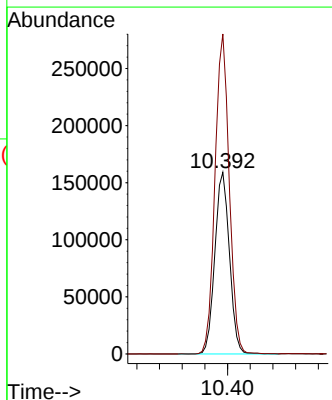
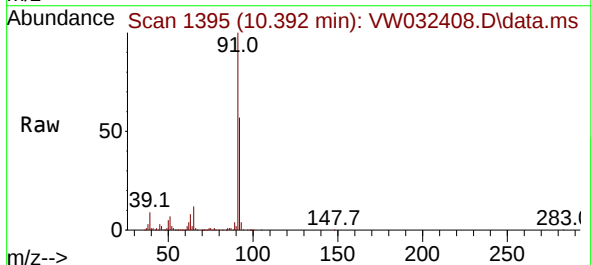
Acq: 10 Nov 2025 15:55

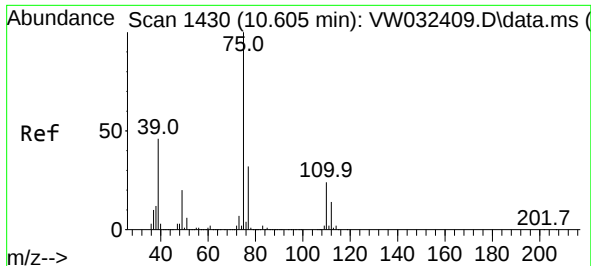
Tgt Ion: 92 Resp: 284143

Ion Ratio Lower Upper

92 100

91 171.8 136.6 205.0

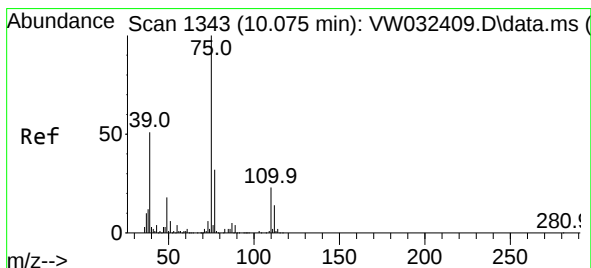
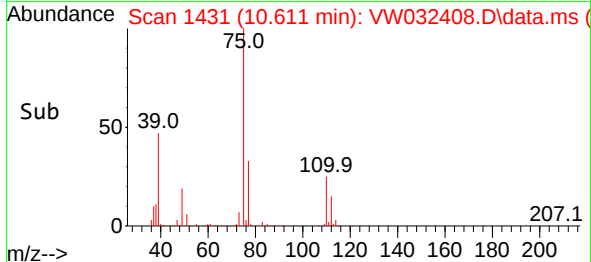
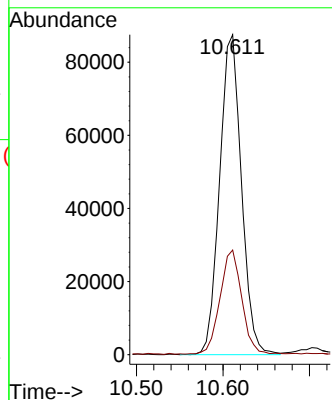
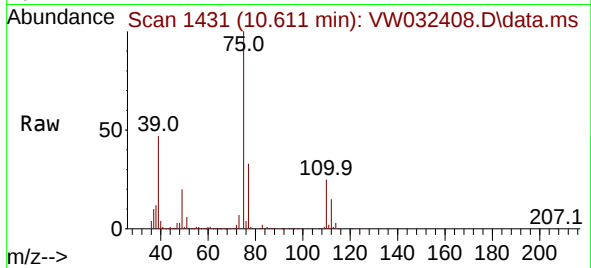




#53
t-1,3-Dichloropropene
Concen: 19.334 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

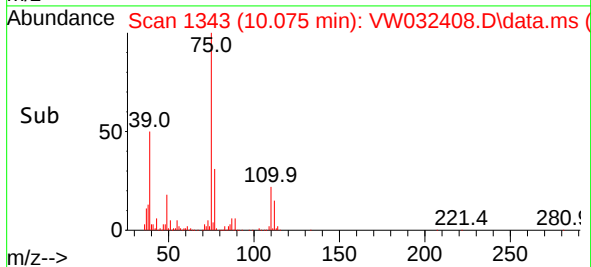
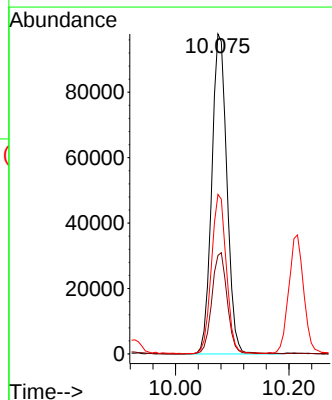
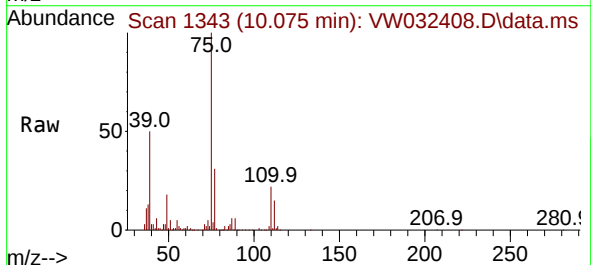
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

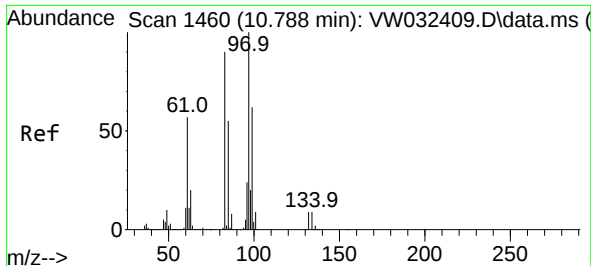
Tgt Ion: 75 Resp: 153300
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.819 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 75 Resp: 181723
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4
39 49.6 40.7 61.1

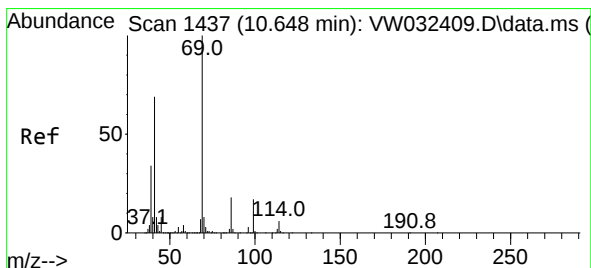
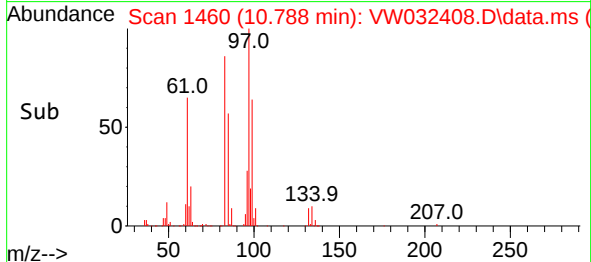
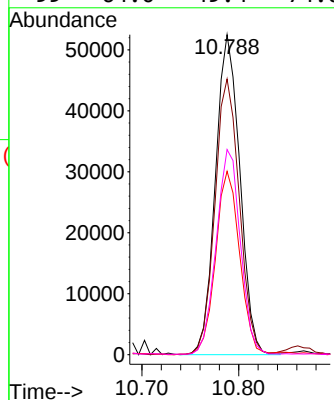
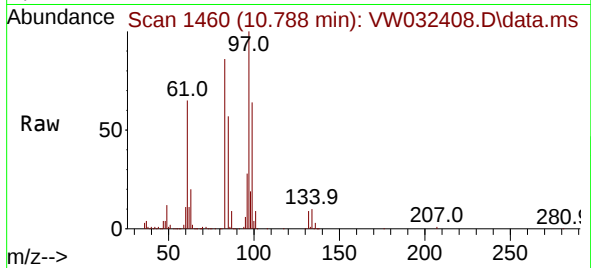




#55
1,1,2-Trichloroethane
Concen: 19.886 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

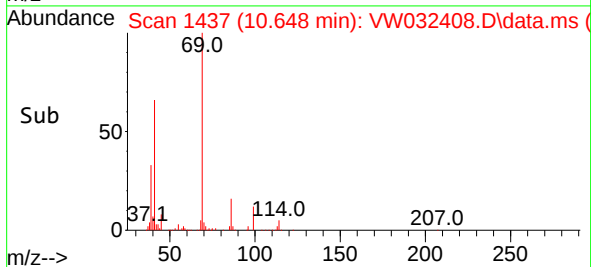
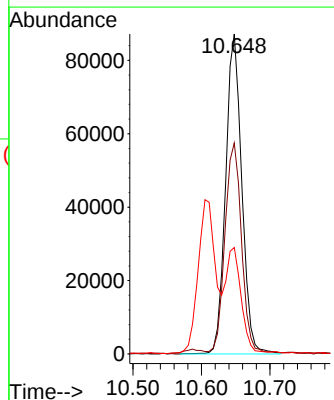
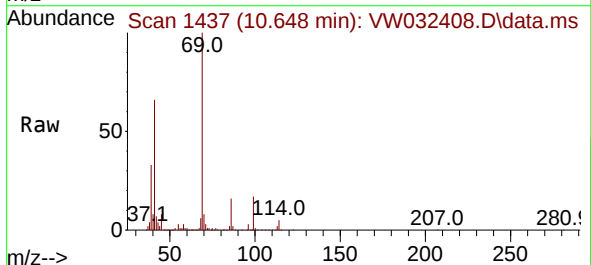
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:	97	Resp:	92074
Ion	Ratio	Lower	Upper
97	100		
83	86.0	72.2	108.4
85	57.1	43.8	65.8
99	64.0	49.4	74.0



#56
Ethyl methacrylate
Concen: 20.038 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion:	69	Resp:	142352
Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.4	81.6
39	31.0	25.4	38.0





#57

1,3-Dichloropropane

Concen: 20.216 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

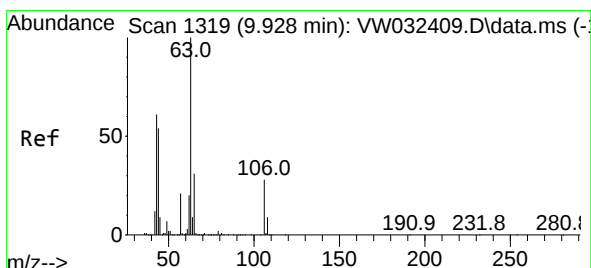
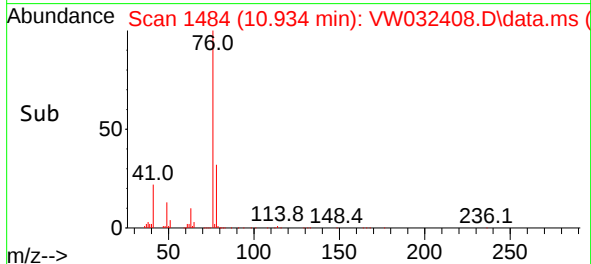
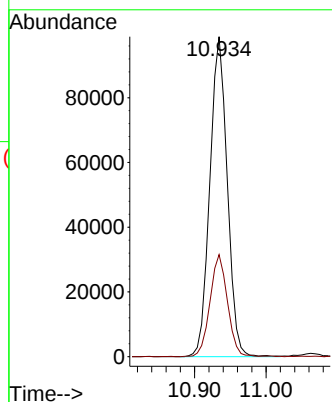
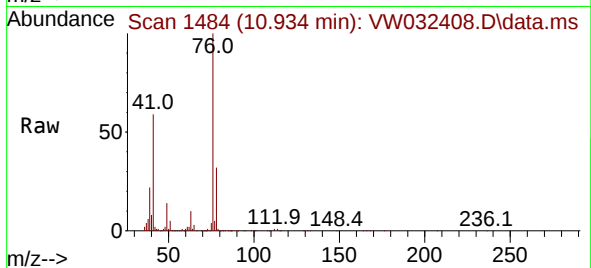
VSTDIC020

Tgt Ion: 76 Resp: 167175

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.111 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032408.D

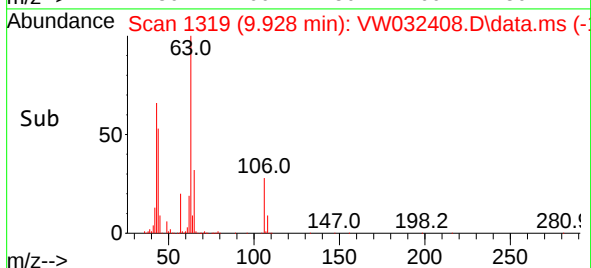
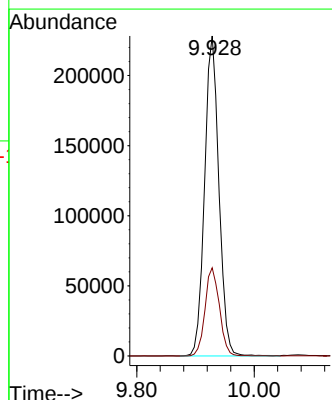
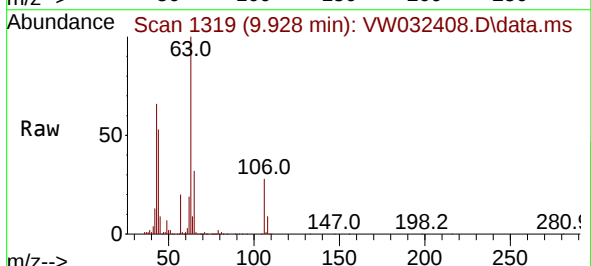
Acq: 10 Nov 2025 15:55

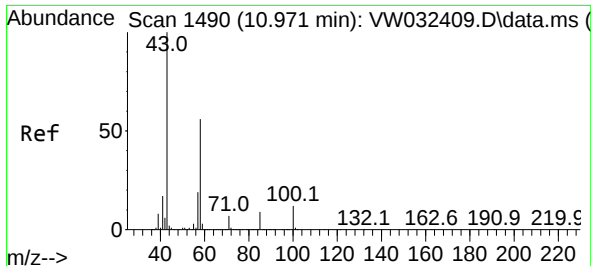
Tgt Ion: 63 Resp: 386317

Ion Ratio Lower Upper

63 100

106 27.7 22.0 33.0

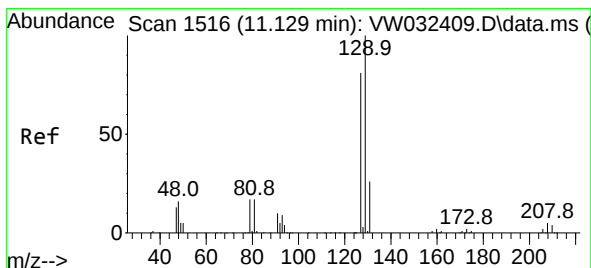
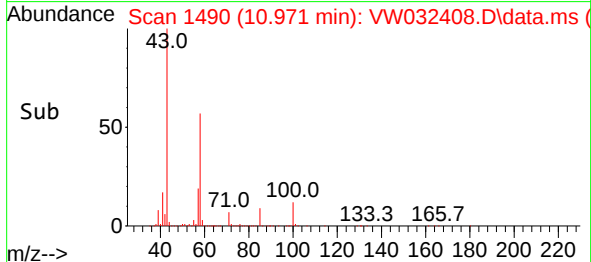
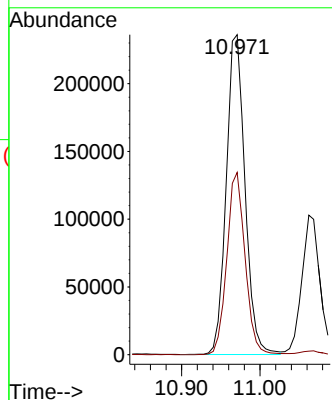
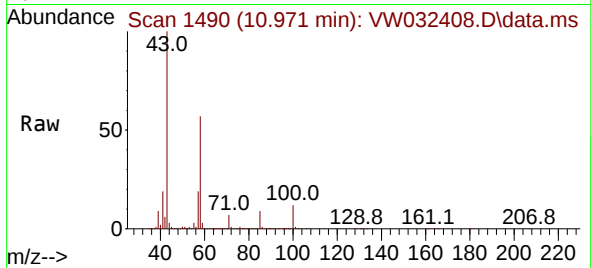




#59
2-Hexanone
Concen: 102.391 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

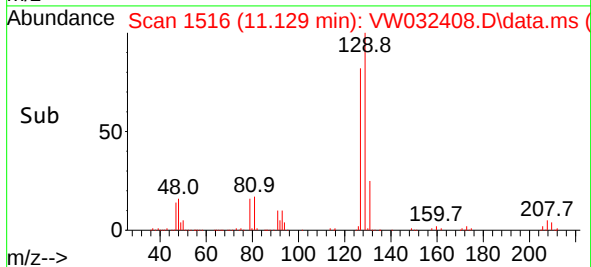
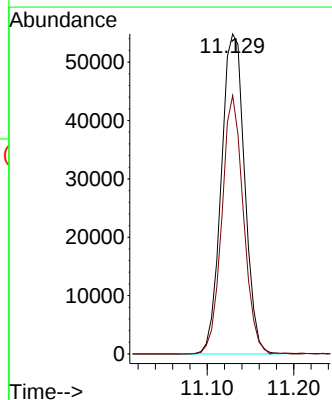
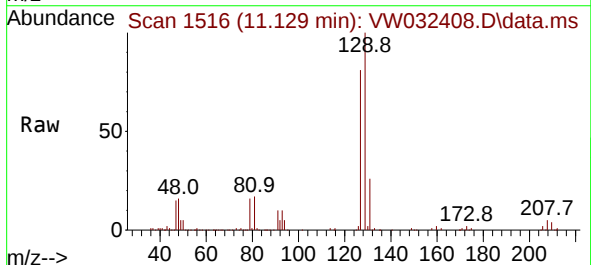
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ClientSampleId :
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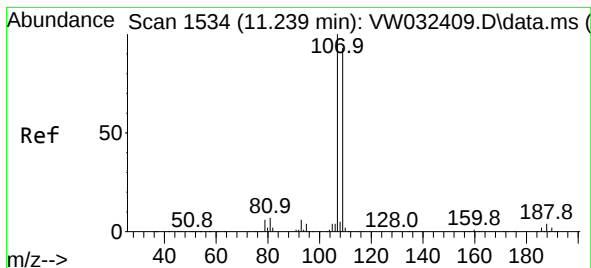
Tgt Ion: 43 Resp: 392754
Ion Ratio Lower Upper
43 100
58 55.6 27.4 82.2



#60
Dibromochloromethane
Concen: 19.852 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion:129 Resp: 102649
Ion Ratio Lower Upper
129 100
127 74.5 39.2 117.6

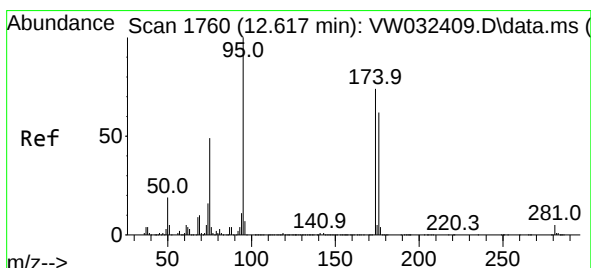
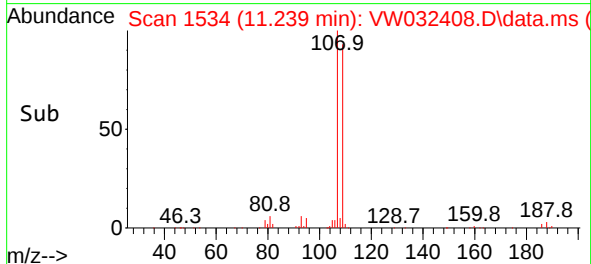
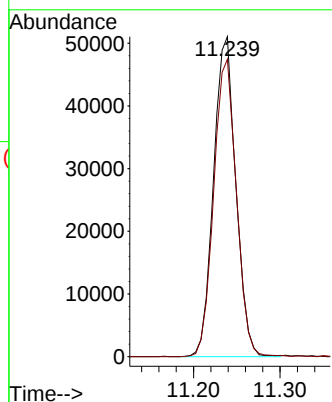
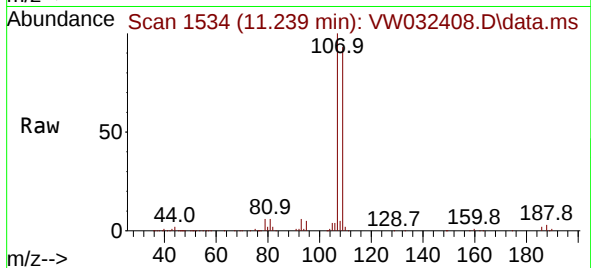




#61
1,2-Dibromoethane
Concen: 20.231 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

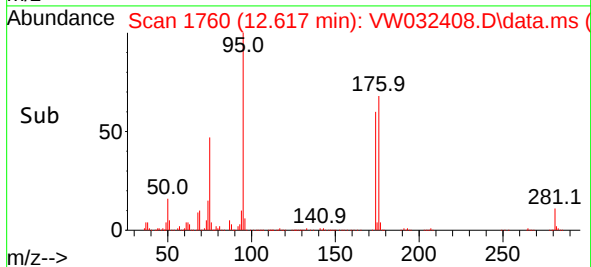
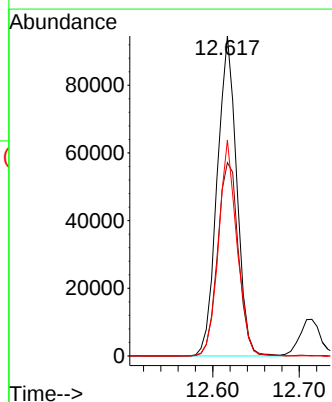
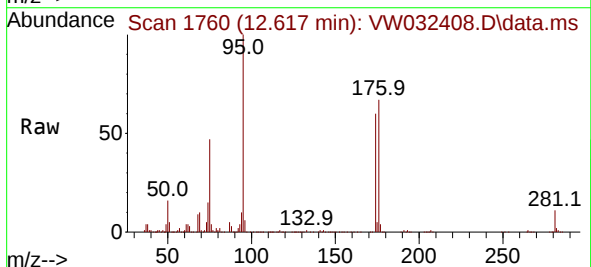
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

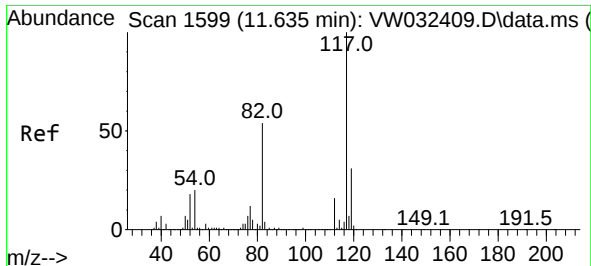
Tgt Ion:107 Resp: 91235
Ion Ratio Lower Upper
107 100
109 94.7 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 20.916 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 95 Resp: 148179
Ion Ratio Lower Upper
95 100
174 64.4 0.0 135.4
176 63.7 0.0 131.8

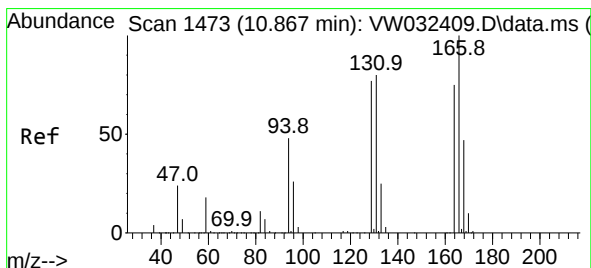
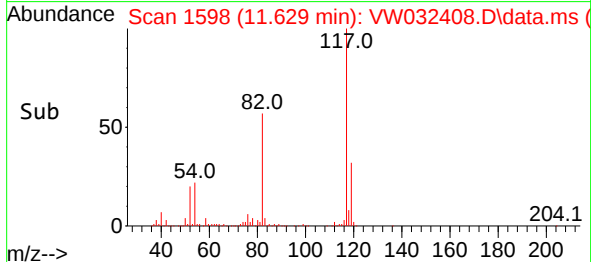
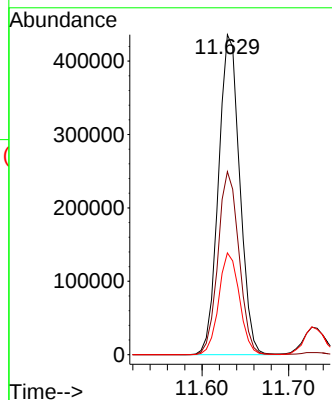
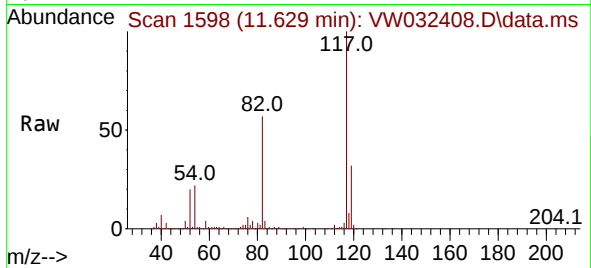




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

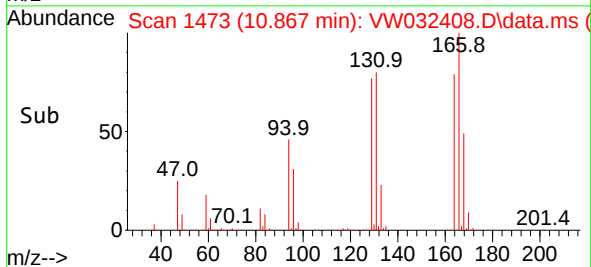
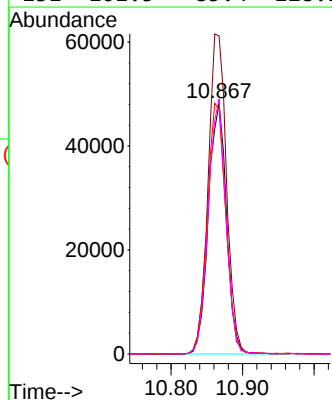
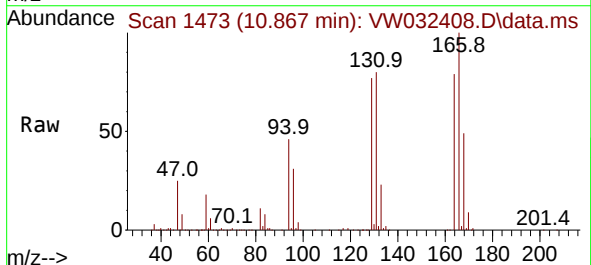
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

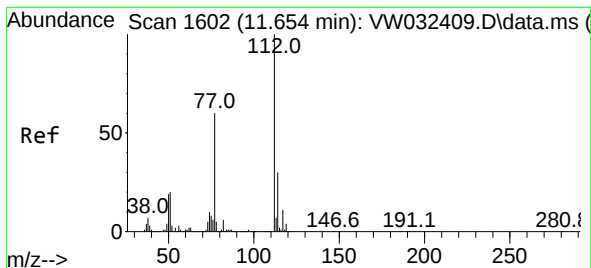
Tgt Ion:117 Resp: 742729
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 31.8 25.0 37.6



#64
Tetrachloroethene
Concen: 19.251 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion:164 Resp: 84673
Ion Ratio Lower Upper
164 100
166 126.8 107.0 160.4
129 97.4 82.9 124.3
131 101.5 85.4 128.2





#65

Chlorobenzene

Concen: 19.329 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

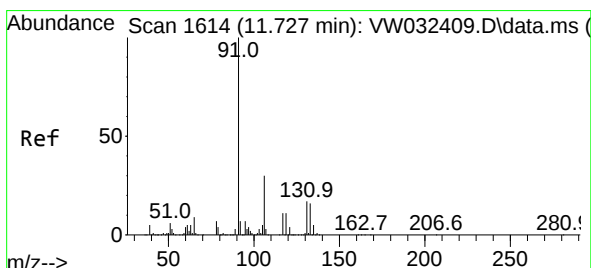
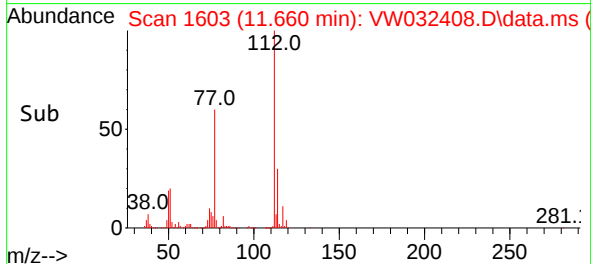
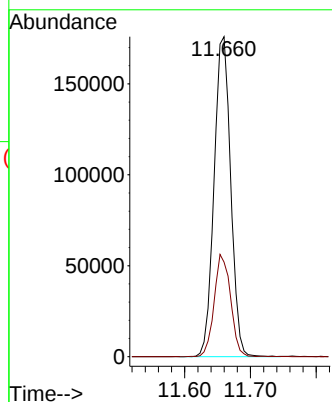
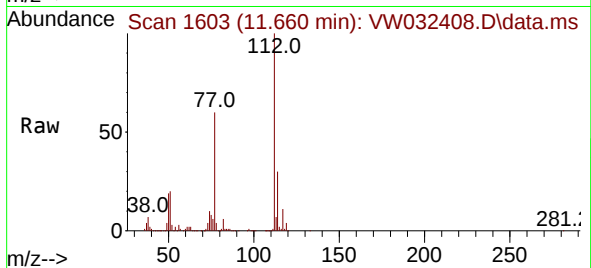
VSTDIC020

Tgt Ion:112 Resp: 309433

Ion Ratio Lower Upper

112 100

114 29.5 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.420 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

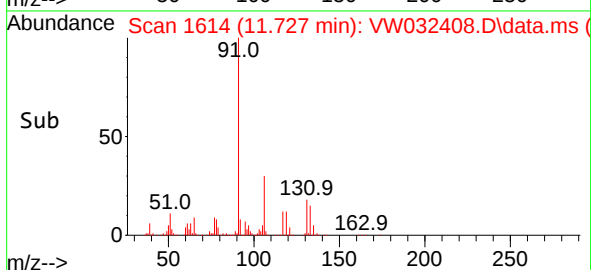
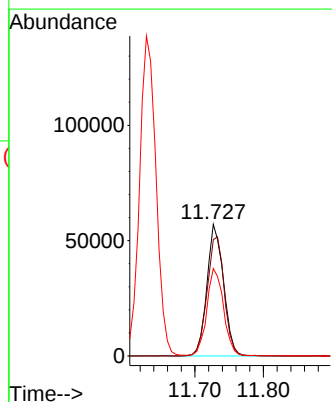
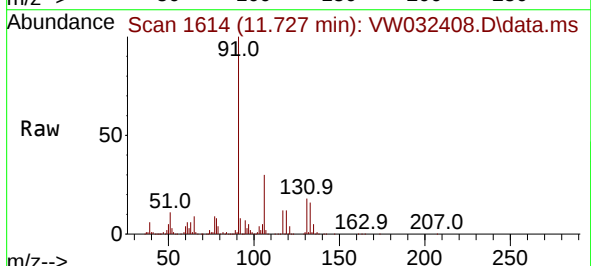
Tgt Ion:131 Resp: 96211

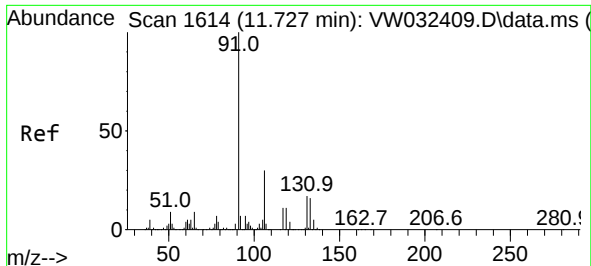
Ion Ratio Lower Upper

131 100

133 94.1 46.9 140.6

119 66.9 33.4 100.2





#67

Ethyl Benzene

Concen: 19.540 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

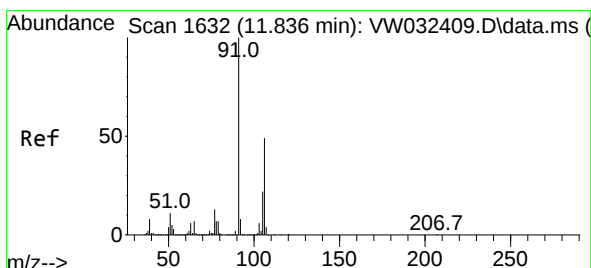
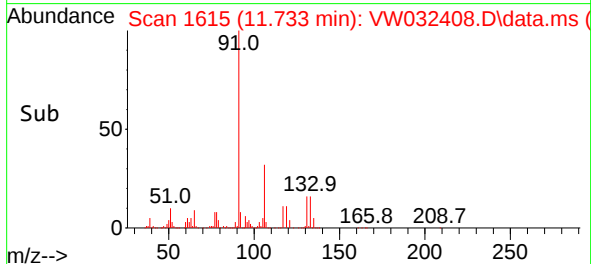
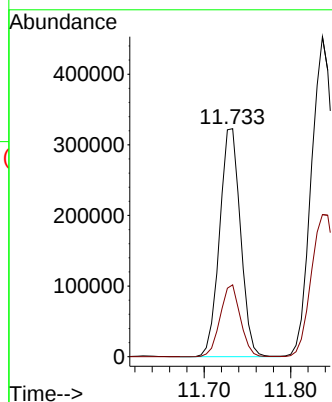
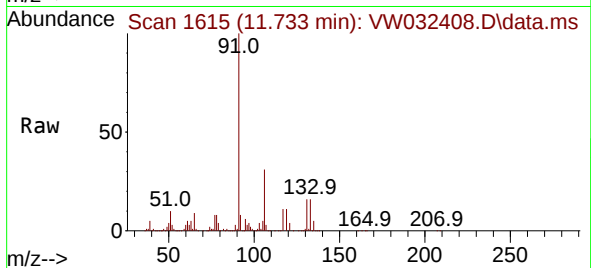
VSTDIC020

Tgt Ion: 91 Resp: 541238

Ion Ratio Lower Upper

91 100

106 31.5 24.2 36.2



#68

m/p-Xylenes

Concen: 38.797 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032408.D

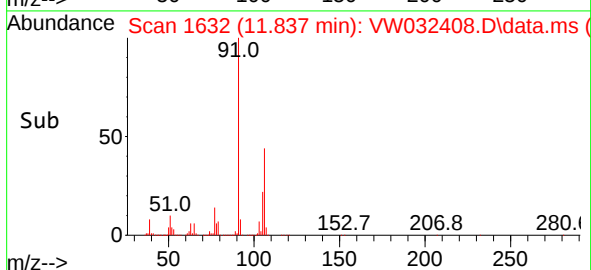
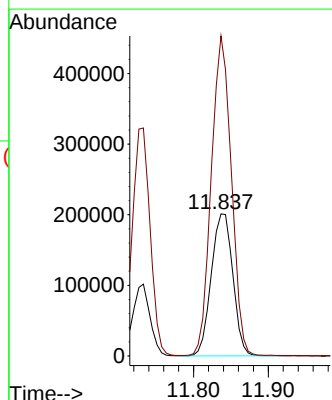
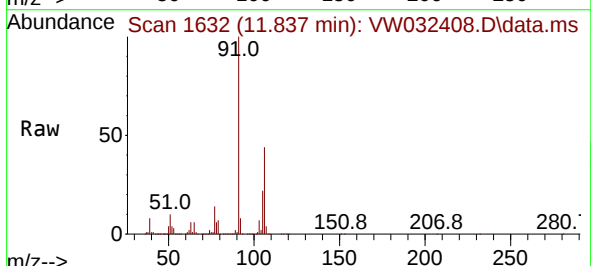
Acq: 10 Nov 2025 15:55

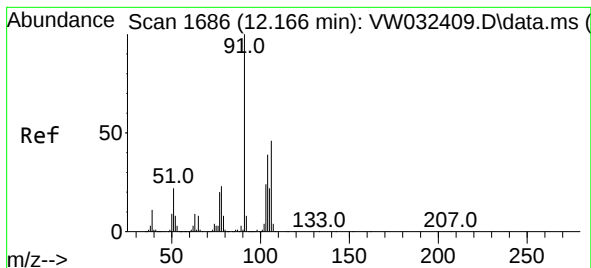
Tgt Ion:106 Resp: 403489

Ion Ratio Lower Upper

106 100

91 210.0 165.5 248.3

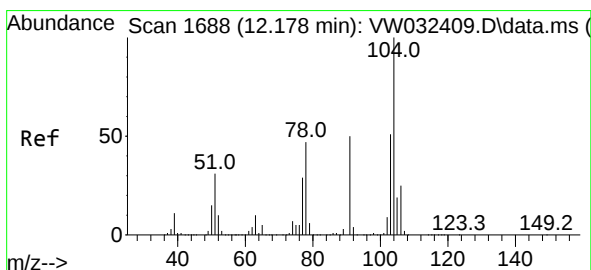
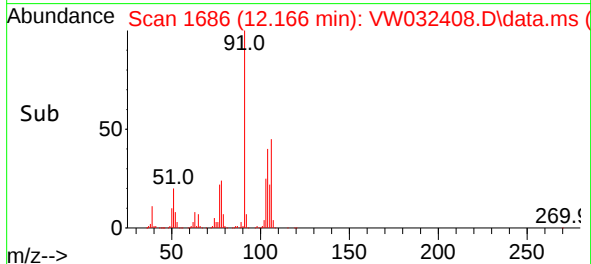
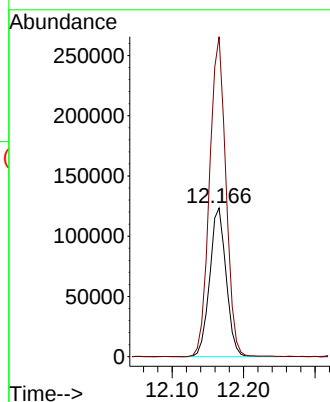
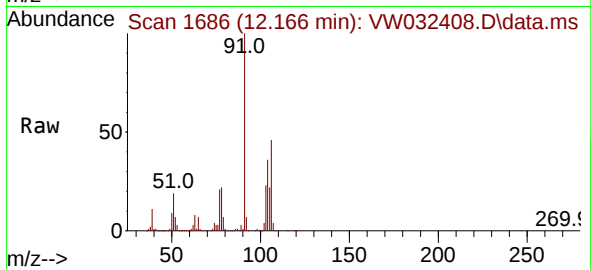




#69
o-Xylene
Concen: 19.754 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

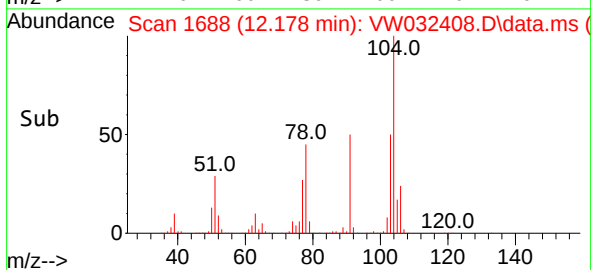
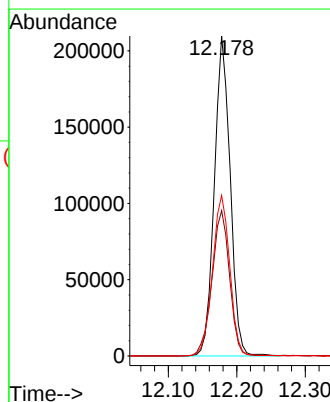
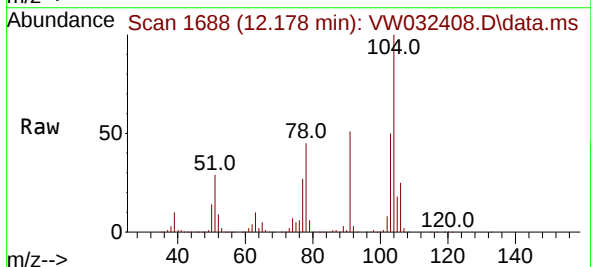
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

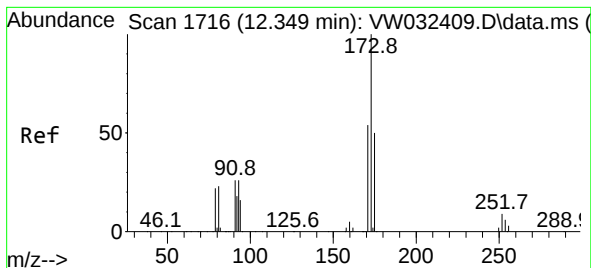
Tgt Ion:106 Resp: 196711
Ion Ratio Lower Upper
106 100
91 214.9 109.3 327.8



#70
Styrene
Concen: 19.626 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion:104 Resp: 336202
Ion Ratio Lower Upper
104 100
78 50.6 40.7 61.1
103 54.8 43.9 65.9





#71

Bromoform

Concen: 19.560 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

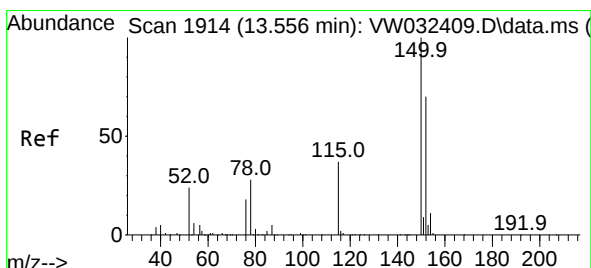
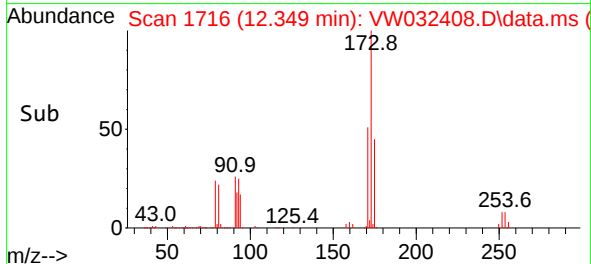
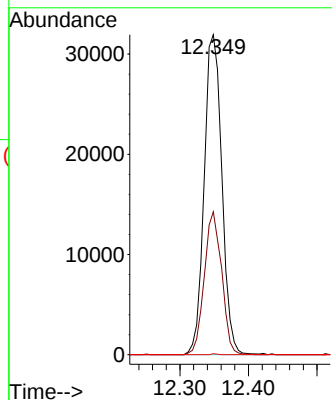
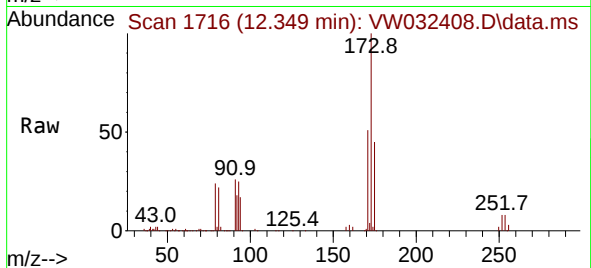
Tgt Ion:173 Resp: 57398

Ion Ratio Lower Upper

173 100

175 43.8 25.1 75.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

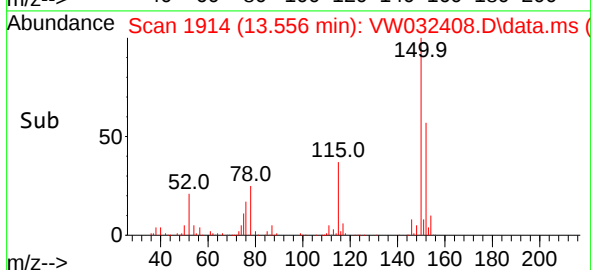
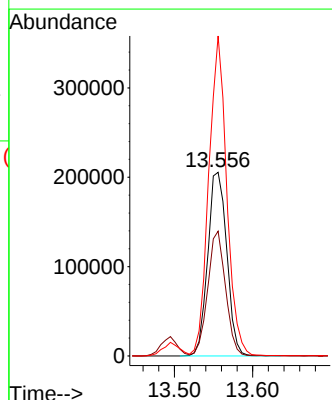
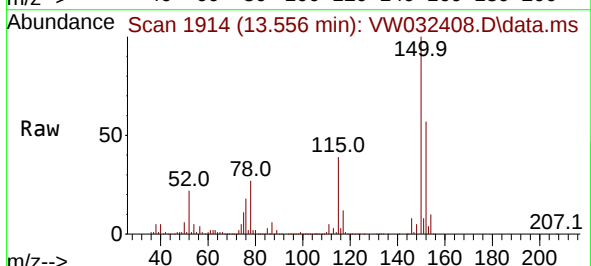
Tgt Ion:152 Resp: 346736

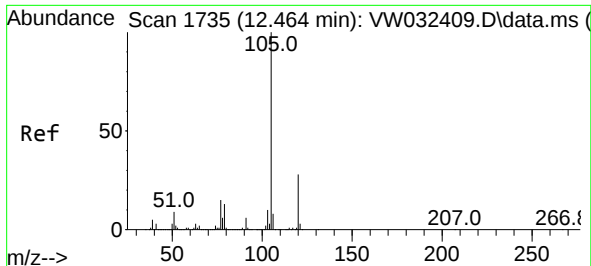
Ion Ratio Lower Upper

152 100

115 63.4 32.8 98.3

150 164.4 0.0 356.6

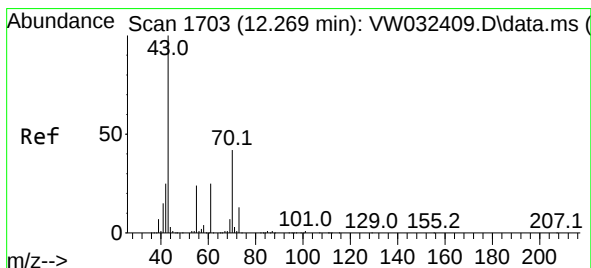
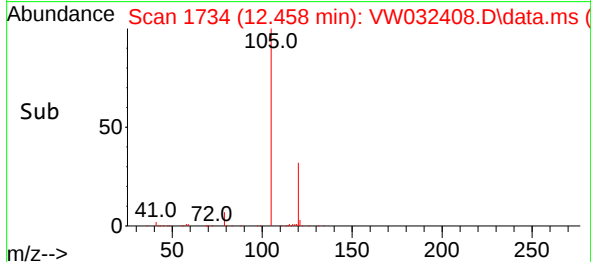
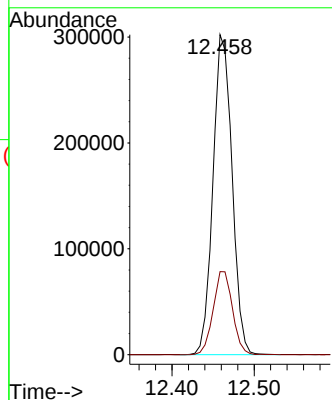
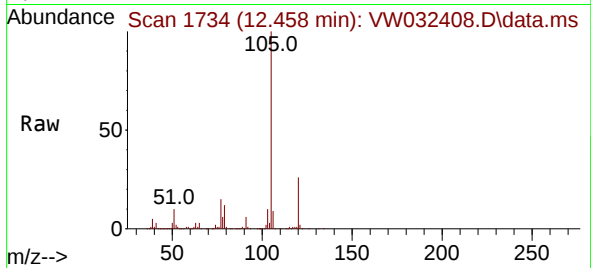




#73
Isopropylbenzene
Concen: 19.122 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

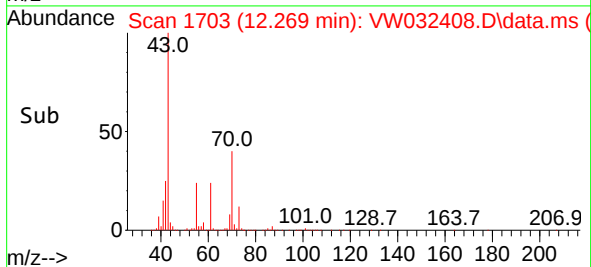
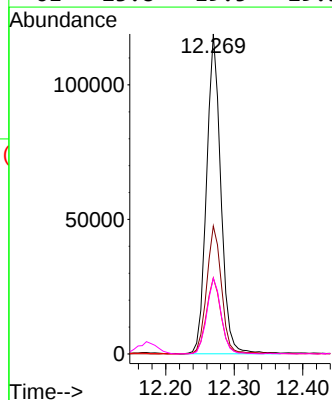
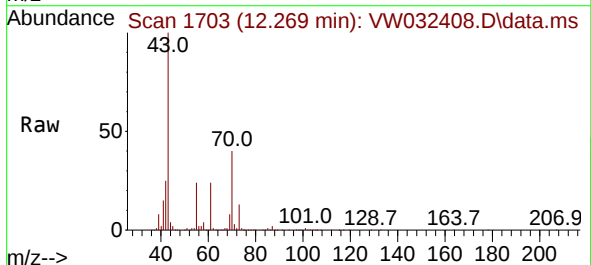
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

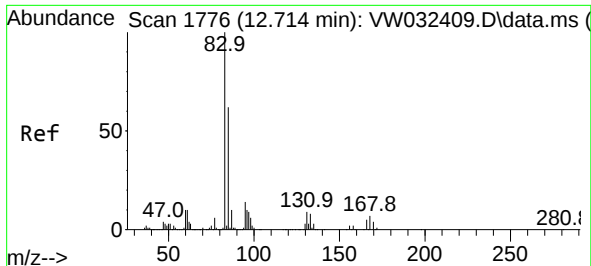
Tgt Ion:105 Resp: 486953
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 19.514 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 43 Resp: 172679
Ion Ratio Lower Upper
43 100
70 41.6 33.5 50.3
55 24.9 19.3 28.9
61 23.8 19.5 29.3

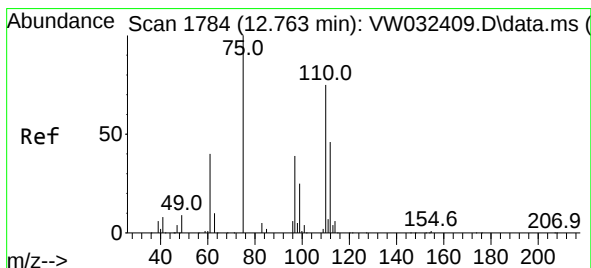
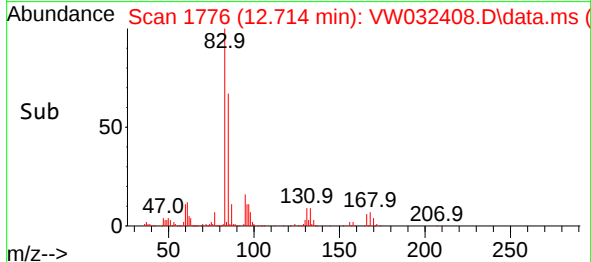
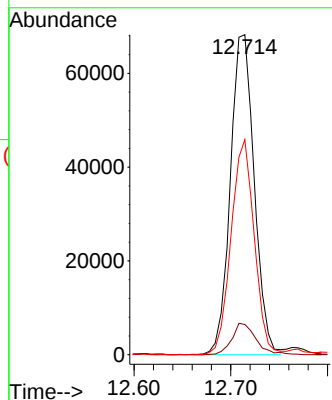
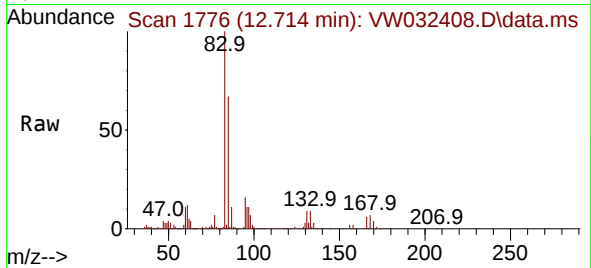




#75
1,1,2,2-Tetrachloroethane
Concen: 19.397 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

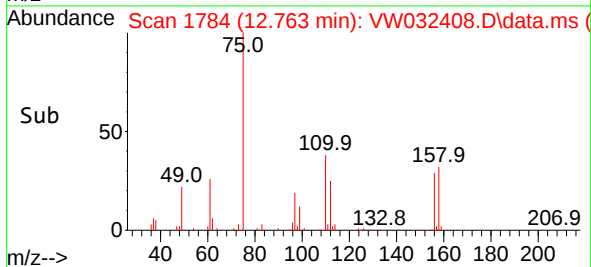
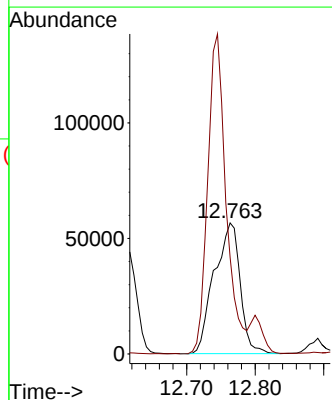
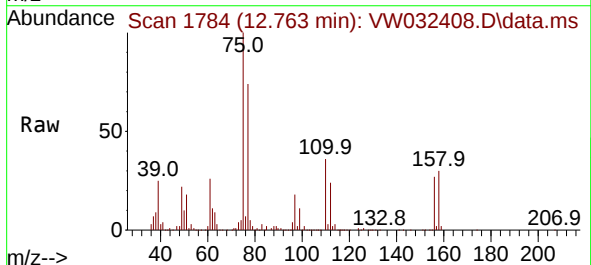
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

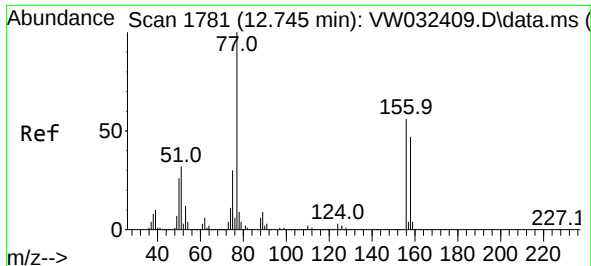
Tgt Ion: 83 Resp: 117227
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.3 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 31.278 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 75 Resp: 148725
Ion Ratio Lower Upper
75 100
77 174.4 151.6 454.8

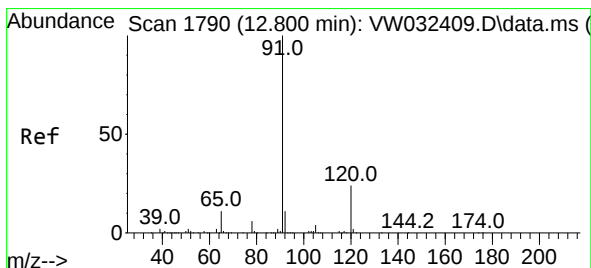
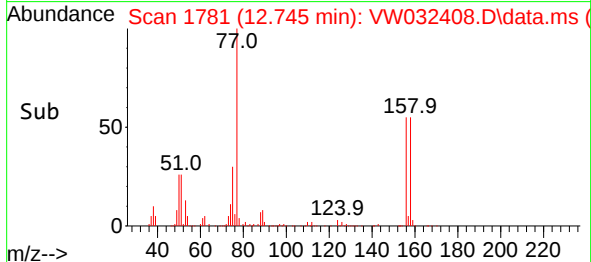
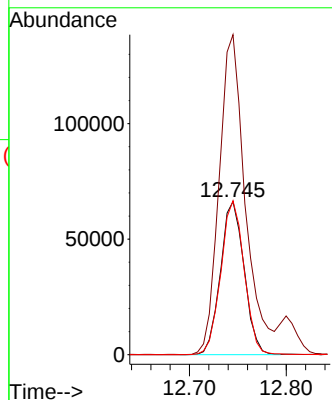
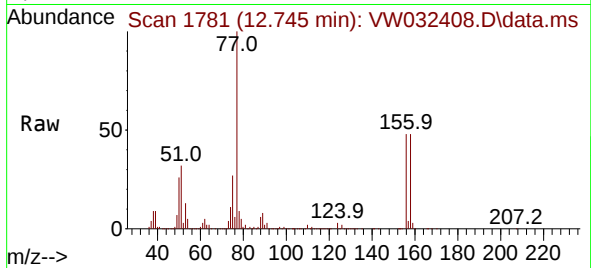




#77
Bromobenzene
Concen: 18.648 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

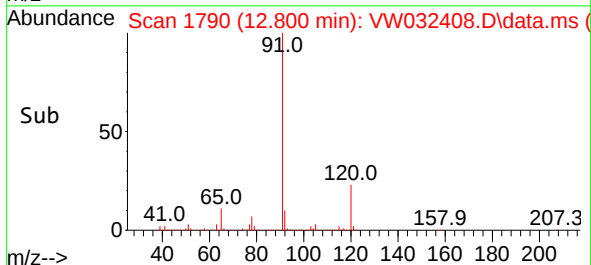
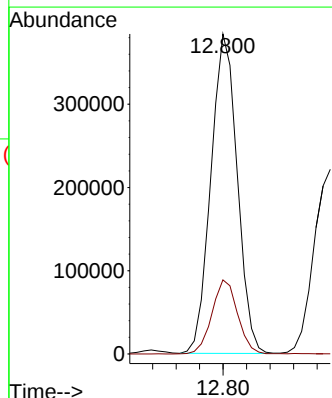
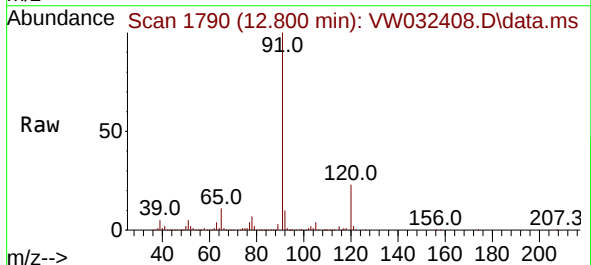
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

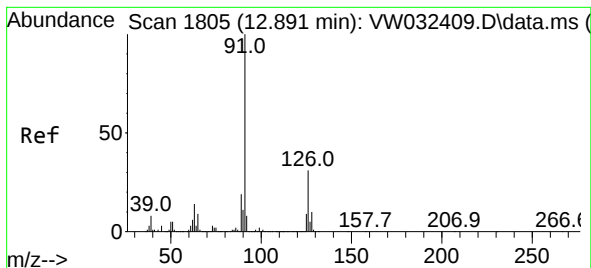
Tgt Ion:156 Resp: 112433
Ion Ratio Lower Upper
156 100
77 230.7 108.0 324.0
158 99.5 45.1 135.5



#78
n-propylbenzene
Concen: 19.285 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 91 Resp: 598062
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9

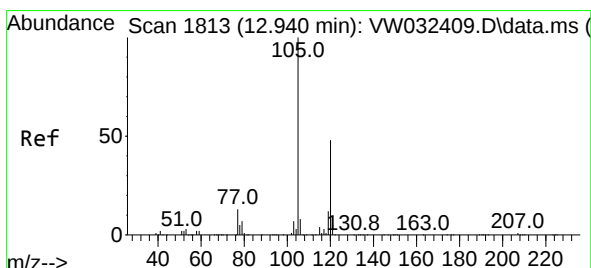
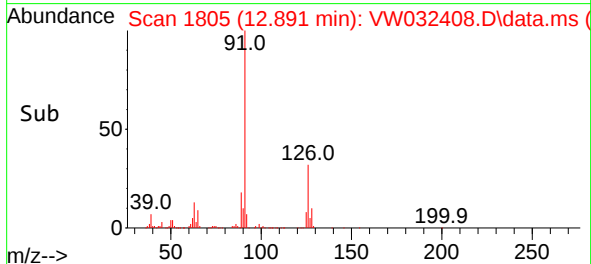
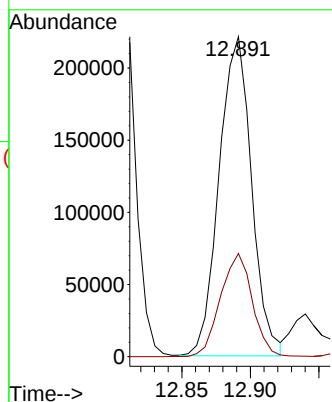
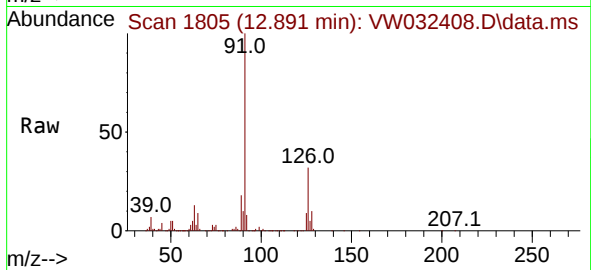




#79
2-Chlorotoluene
Concen: 19.266 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

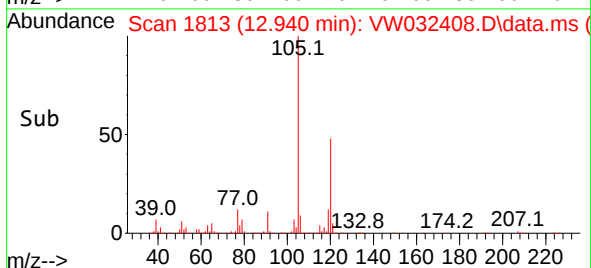
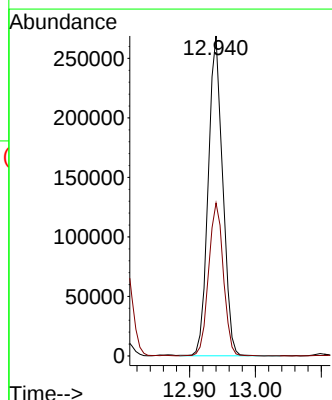
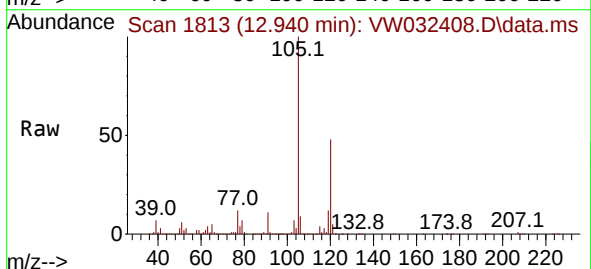
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

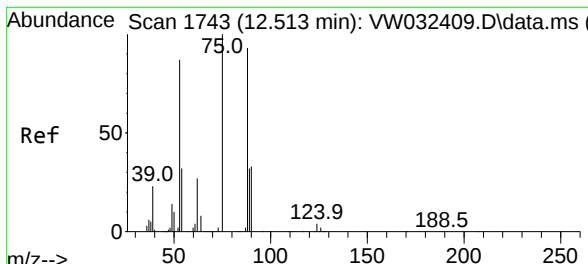
Tgt Ion: 91 Resp: 364742
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 19.603 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion: 105 Resp: 411841
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6

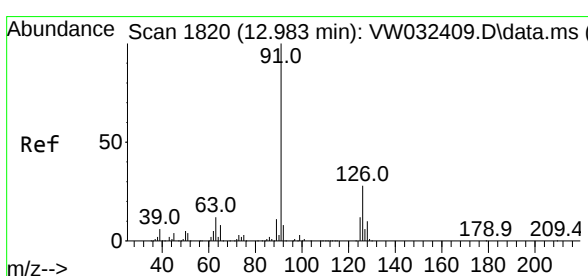
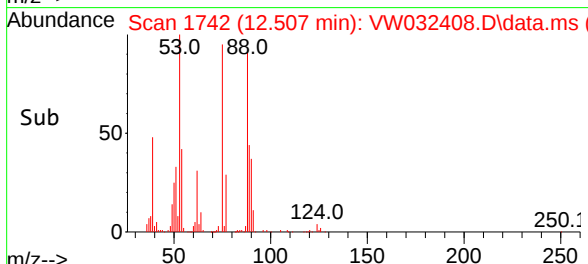
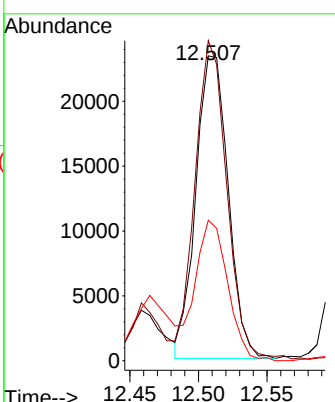
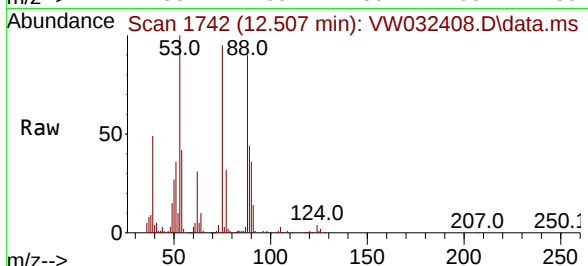




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.491 ug/l
 RT: 12.507 min Scan# 1742
 Delta R.T. -0.006 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

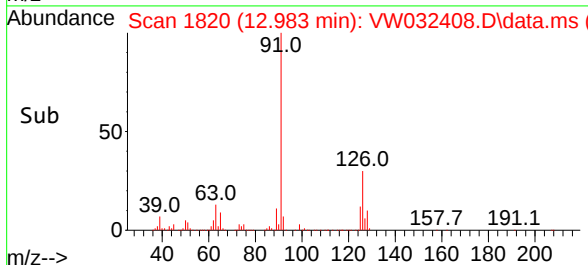
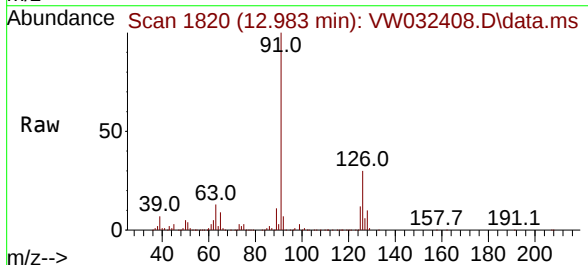
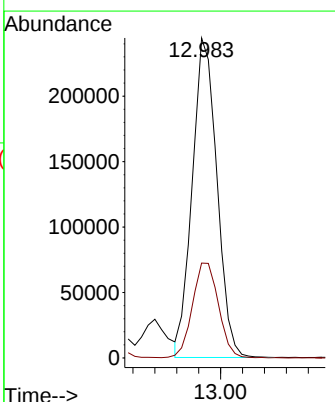
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

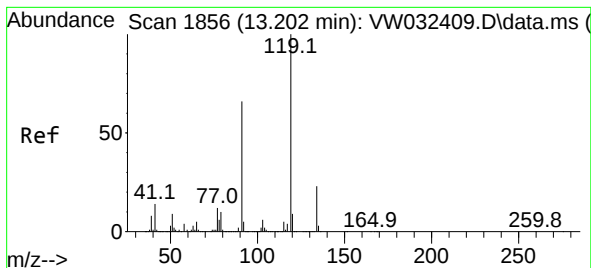
Tgt Ion:	75	Resp:	38383
Ion Ratio	Lower	Upper	
75	100		
53	103.4	77.8	116.8
89	47.5	35.6	53.4



#82
 4-Chlorotoluene
 Concen: 19.388 ug/l
 RT: 12.983 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Tgt Ion:	91	Resp:	381756
Ion Ratio	Lower	Upper	
91	100		
126	31.5	15.5	46.5

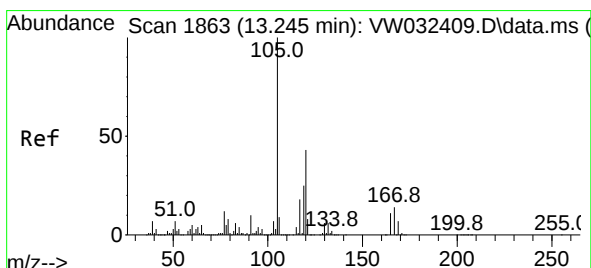
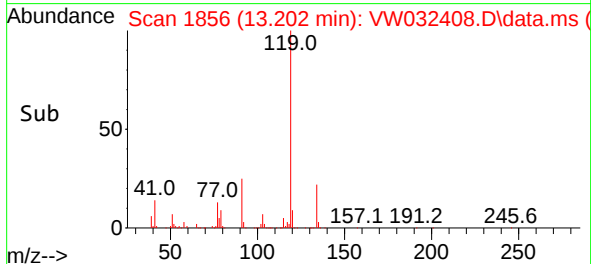
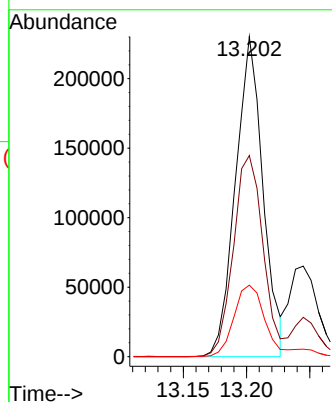
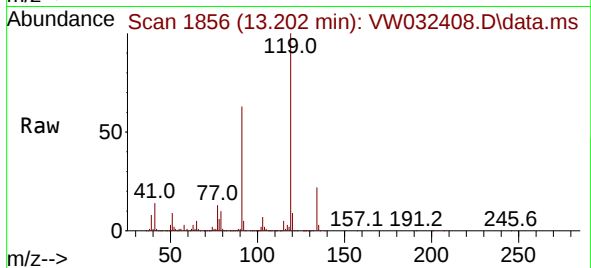




#83
tert-Butylbenzene
Concen: 19.086 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

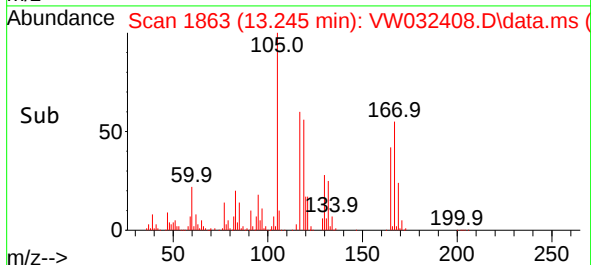
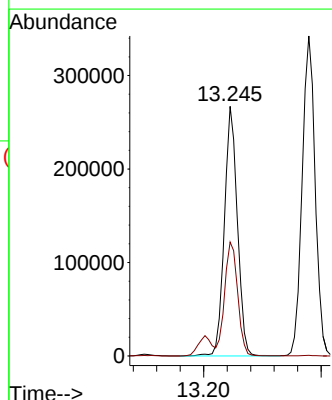
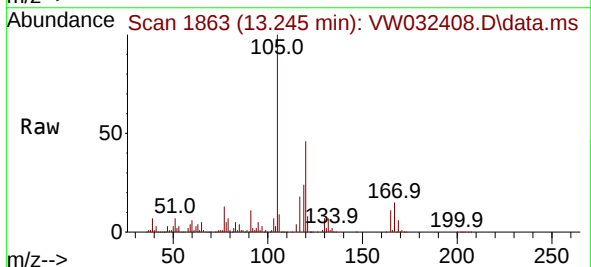
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

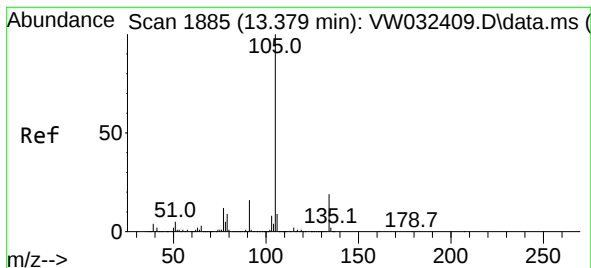
Tgt Ion:119 Resp: 348802
Ion Ratio Lower Upper
119 100
91 67.4 33.3 99.9
134 24.9 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 19.231 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032408.D
Acq: 10 Nov 2025 15:55

Tgt Ion:105 Resp: 410945
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.284 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

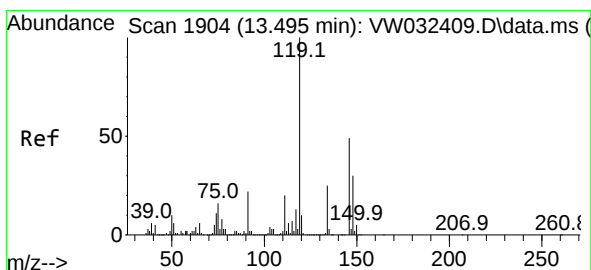
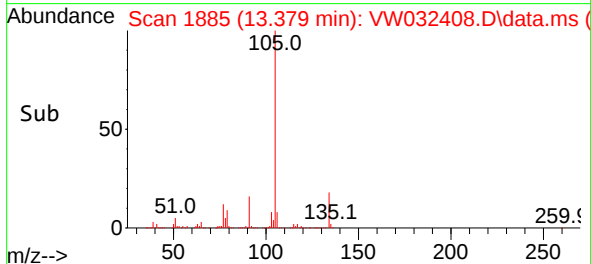
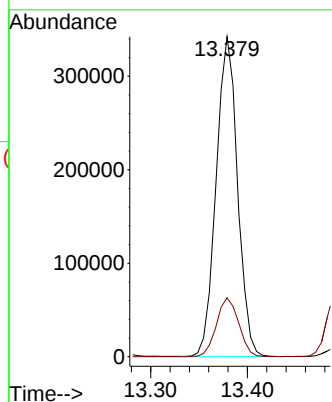
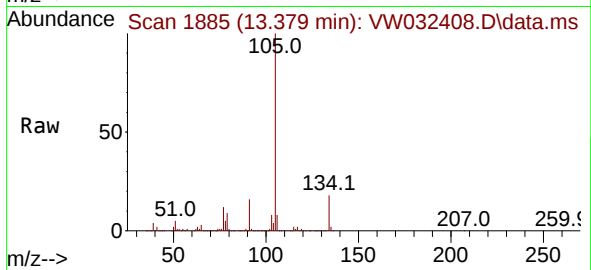
VSTDIC020

Tgt Ion:105 Resp: 524886

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.216 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

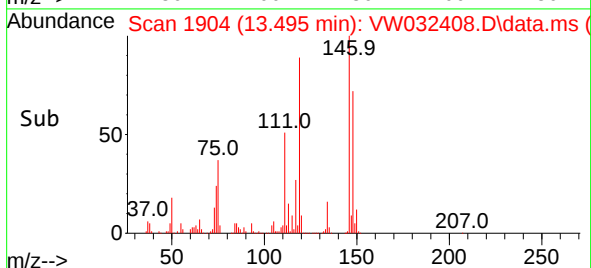
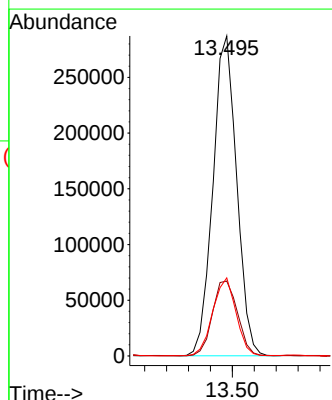
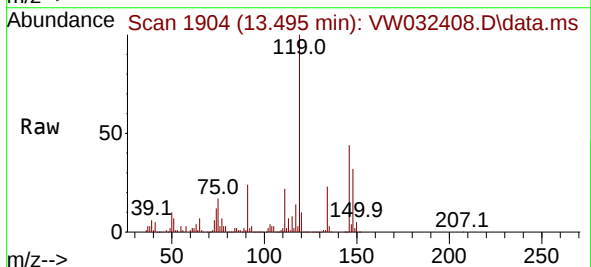
Tgt Ion:119 Resp: 431851

Ion Ratio Lower Upper

119 100

134 24.7 12.7 38.1

91 23.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.651 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

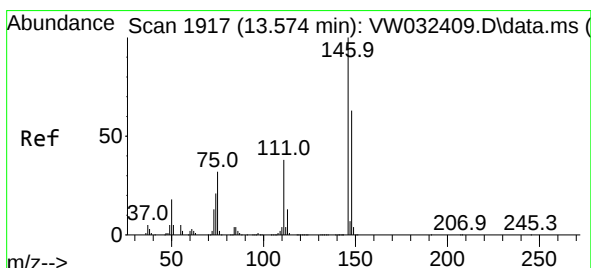
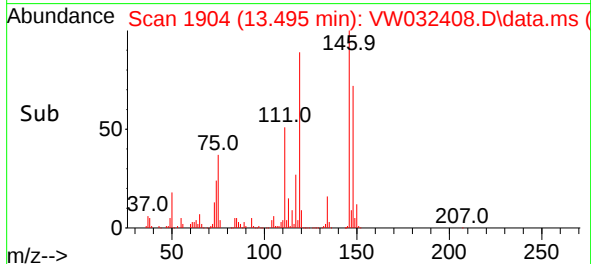
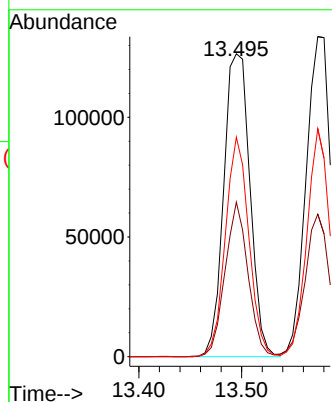
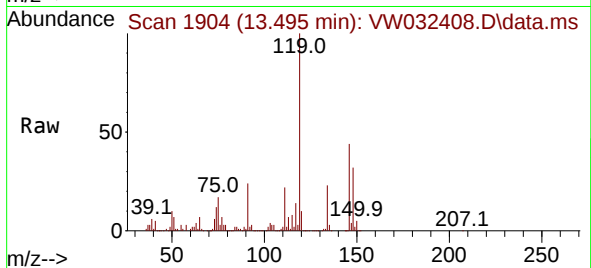
Tgt Ion:146 Resp: 224644

Ion Ratio Lower Upper

146 100

111 44.6 22.2 66.6

148 64.9 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 19.467 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

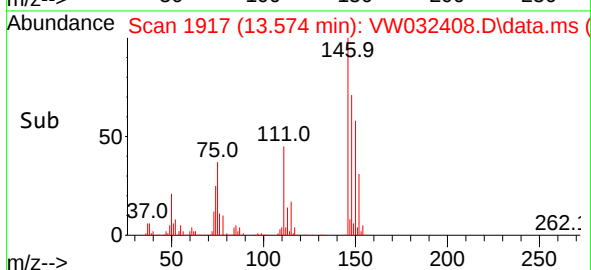
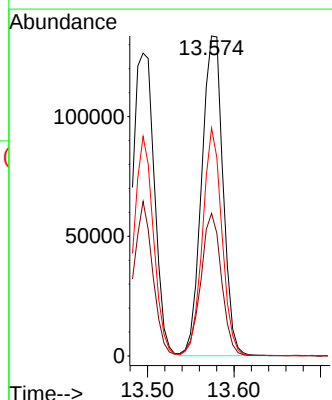
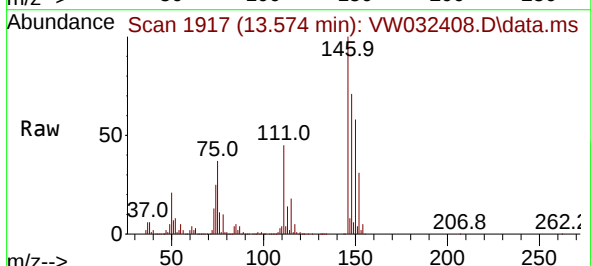
Tgt Ion:146 Resp: 227987

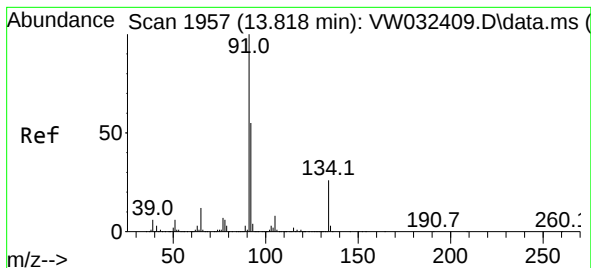
Ion Ratio Lower Upper

146 100

111 43.3 20.5 61.6

148 65.0 31.2 93.6





#89

n-Butylbenzene

Concen: 19.500 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

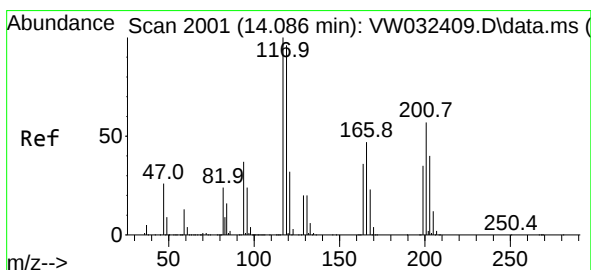
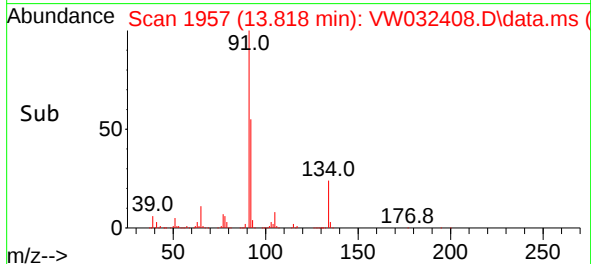
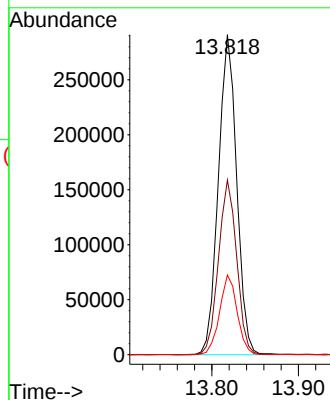
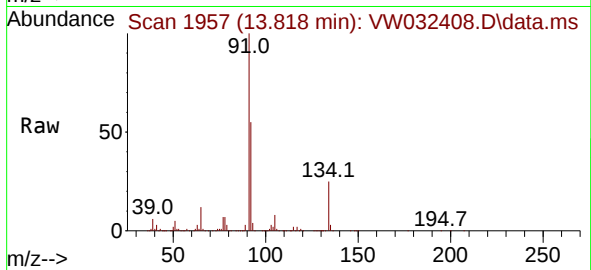
Tgt Ion: 91 Resp: 428136

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 24.0 12.4 37.4



#90

Hexachloroethane

Concen: 18.472 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032408.D

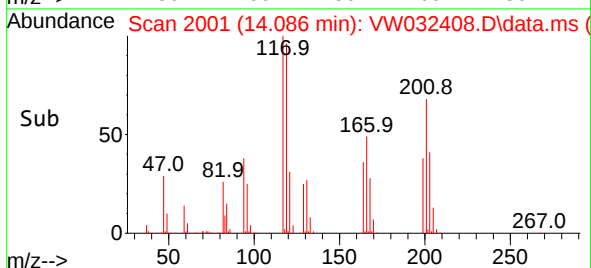
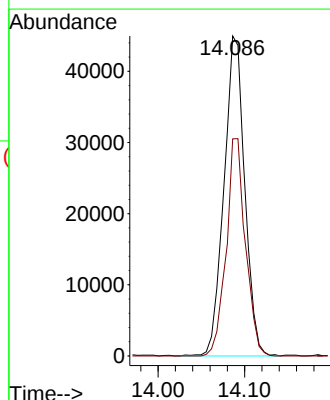
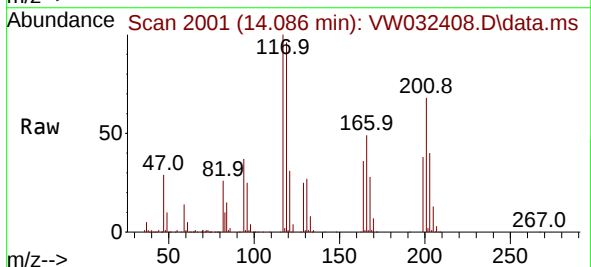
Acq: 10 Nov 2025 15:55

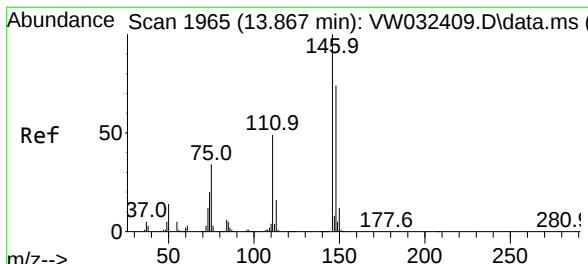
Tgt Ion: 117 Resp: 74845

Ion Ratio Lower Upper

117 100

201 62.9 32.0 96.0



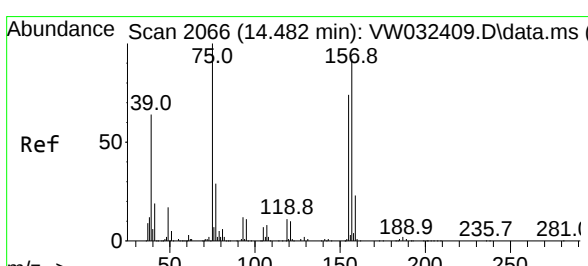
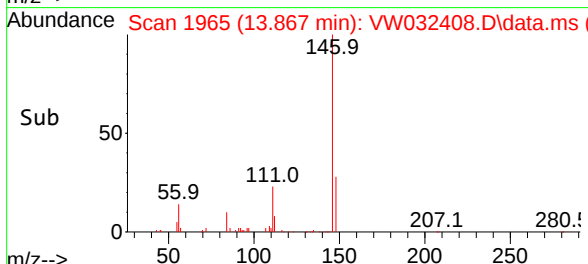
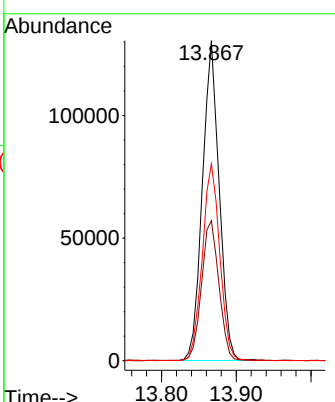
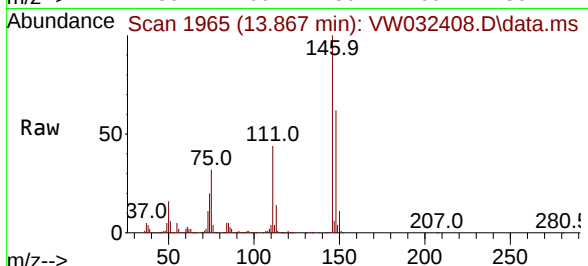


#91
 1,2-Dichlorobenzene
 Concen: 19.343 ug/l
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 146 Resp: 202982

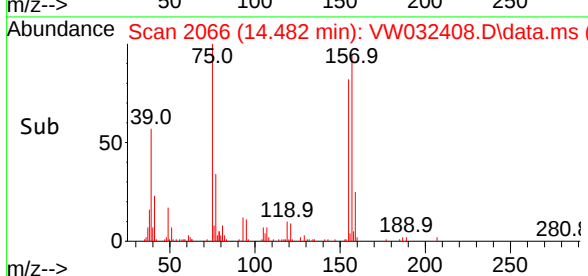
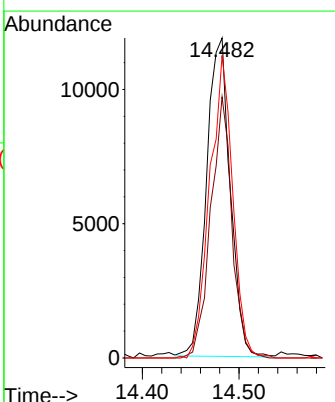
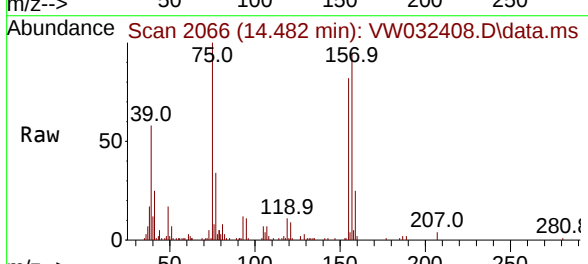
Ion	Ratio	Lower	Upper
146	100		
111	45.2	23.4	70.2
148	64.3	34.0	101.8

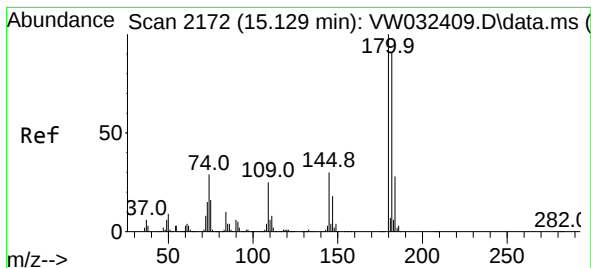


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.361 ug/l
 RT: 14.482 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VW032408.D
 Acq: 10 Nov 2025 15:55

Tgt Ion: 75 Resp: 20157

Ion	Ratio	Lower	Upper
75	100		
155	73.6	36.2	108.6
157	92.2	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.162 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

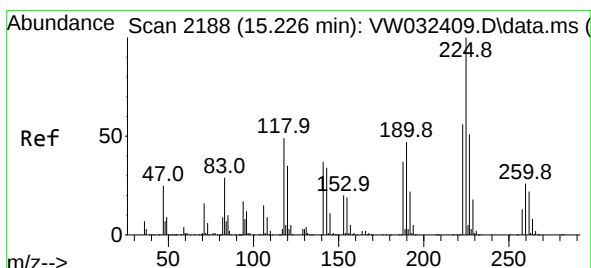
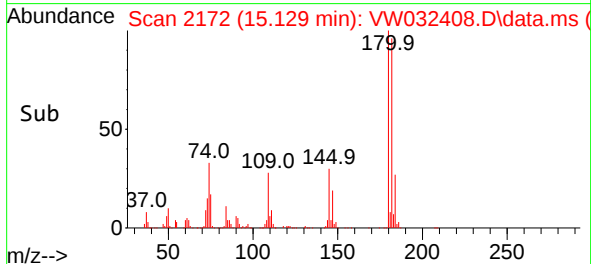
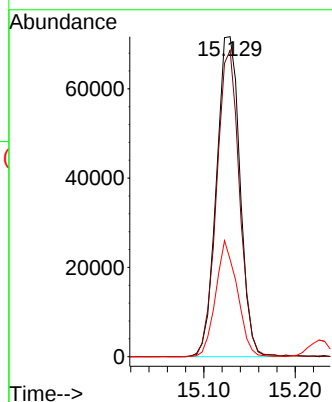
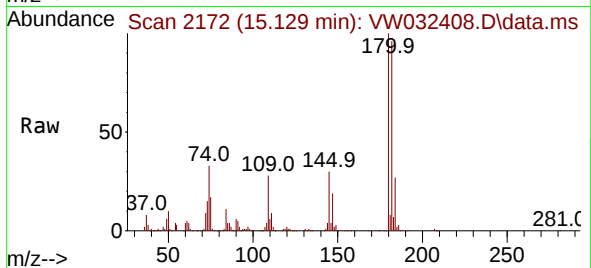
Tgt Ion:180 Resp: 127966

Ion Ratio Lower Upper

180 100

182 93.5 45.3 135.9

145 33.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 18.281 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

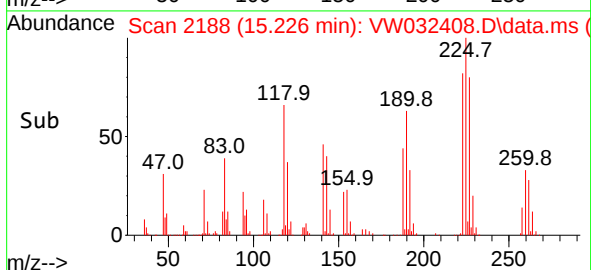
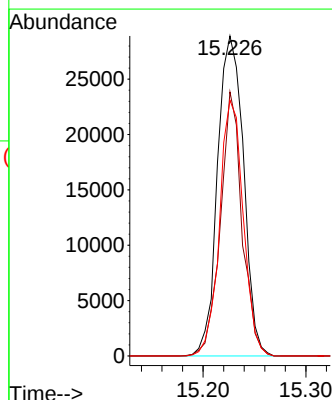
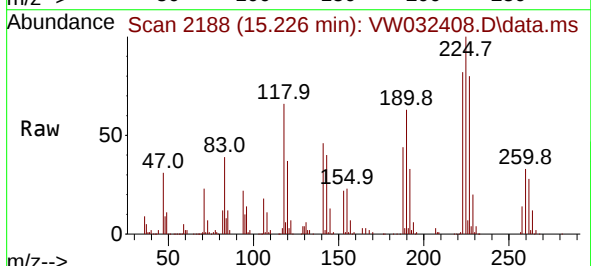
Tgt Ion:225 Resp: 50712

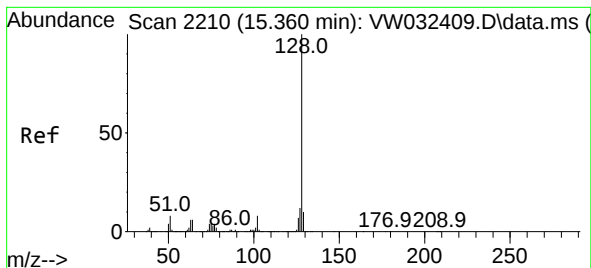
Ion Ratio Lower Upper

225 100

223 68.8 30.6 91.8

227 72.9 29.8 89.4





#95

Naphthalene

Concen: 18.952 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

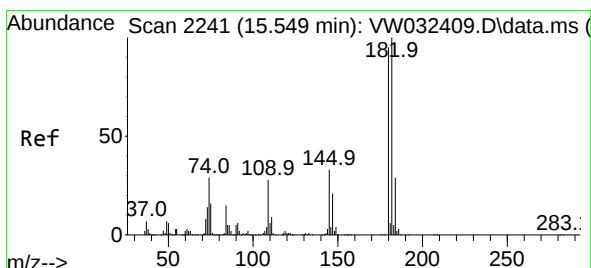
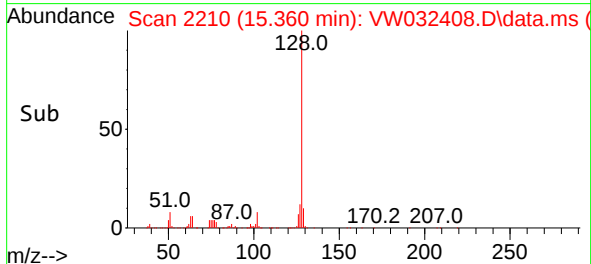
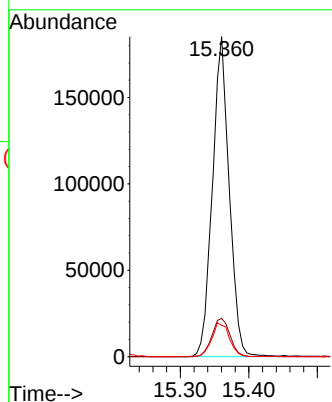
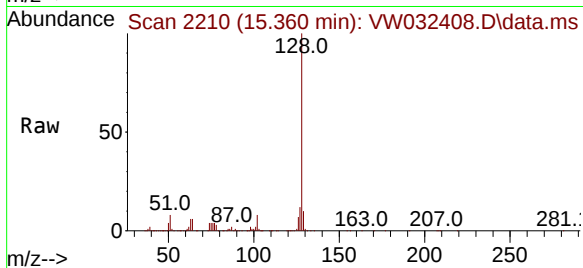
Tgt Ion:128 Resp: 315603

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.128 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032408.D

Acq: 10 Nov 2025 15:55

Tgt Ion:180 Resp: 115969

Ion Ratio Lower Upper

180 100

182 100.1 50.3 151.0

145 36.1 17.8 53.3

