

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
 Data File : VW032589.D
 Acq On : 08 Dec 2025 12:39
 Operator : SY/MD
 Sample : VW1208SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1208SBS01

Quant Time: Dec 09 02:16:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	314458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	582852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	505370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	246600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	260184	55.598	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 111.200%	
35) Dibromofluoromethane	7.898	113	208460	54.349	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 108.700%	
50) Toluene-d8	10.331	98	803497	55.672	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 111.340%	
62) 4-Bromofluorobenzene	12.617	95	284520	53.358	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 106.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	42747	21.961	ug/l	92
3) Chloromethane	2.253	50	67594	18.891	ug/l	98
4) Vinyl Chloride	2.405	62	90838	20.925	ug/l	95
5) Bromomethane	2.826	94	57427	19.919	ug/l	98
6) Chloroethane	2.966	64	55422	19.766	ug/l	97
7) Trichlorofluoromethane	3.308	101	71134	21.140	ug/l	94
8) Diethyl Ether	3.722	74	48490	19.494	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	77831	21.879	ug/l	98
10) Methyl Iodide	4.314	142	105750	19.710	ug/l	99
11) Tert butyl alcohol	5.216	59	33168	92.147	ug/l #	80
12) 1,1-Dichloroethene	4.076	96	80361	20.035	ug/l	92
13) Acrolein	3.929	56	68996	108.149	ug/l	96
14) Allyl chloride	4.710	41	144529	19.685	ug/l	98
15) Acrylonitrile	5.405	53	139443	106.747	ug/l	99
16) Acetone	4.161	43	167134	114.293	ug/l	100
17) Carbon Disulfide	4.423	76	233368	19.639	ug/l	96
18) Methyl Acetate	4.710	43	60505	20.089	ug/l	96
19) Methyl tert-butyl Ether	5.466	73	154918	20.722	ug/l	98
20) Methylene Chloride	4.954	84	107943	20.641	ug/l	95
21) trans-1,2-Dichloroethene	5.466	96	86970	19.845	ug/l	90
22) Diisopropyl ether	6.344	45	302057	20.614	ug/l	95
23) Vinyl Acetate	6.283	43	1013107	104.342	ug/l	99
24) 1,1-Dichloroethane	6.246	63	168770	19.838	ug/l	99
25) 2-Butanone	7.197	43	197681	105.335	ug/l	97
26) 2,2-Dichloropropane	7.191	77	93408	18.940	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	98803	19.365	ug/l	100
28) Bromochloromethane	7.532	49	110938	29.029	ug/l	97
29) Tetrahydrofuran	7.551	42	120221	107.288	ug/l	100
30) Chloroform	7.691	83	168468	19.953	ug/l	96
31) Cyclohexane	7.971	56	154819	20.638	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	123035	20.078	ug/l	99
36) 1,1-Dichloropropene	8.093	75	122320	20.908	ug/l	98
37) Ethyl Acetate	7.276	43	85781	21.187	ug/l	98
38) Carbon Tetrachloride	8.087	117	107578	19.793	ug/l	97
39) Methylcyclohexane	9.343	83	146389	20.492	ug/l	99
40) Benzene	8.337	78	364749	19.564	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	42697	19.490	ug/l	88
42) 1,2-Dichloroethane	8.416	62	117144	20.493	ug/l	100
43) Isopropyl Acetate	8.435	43	142286	20.446	ug/l	100
44) Trichloroethene	9.099	130	80927	19.422	ug/l	92
45) 1,2-Dichloropropane	9.374	63	93473	20.185	ug/l	98
46) Dibromomethane	9.465	93	54963	20.525	ug/l	97
47) Bromodichloromethane	9.654	83	124388	19.818	ug/l	95
48) Methyl methacrylate	9.441	41	71851	22.713	ug/l	98
49) 1,4-Dioxane	9.465	88	13663	427.000	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	414901	107.747	ug/l	99
52) Toluene	10.392	92	229035	20.388	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	119454	19.839	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	142317	20.141	ug/l	93
55) 1,1,2-Trichloroethane	10.788	97	72800	20.298	ug/l	96
56) Ethyl methacrylate	10.648	69	99167	19.993	ug/l	96
57) 1,3-Dichloropropane	10.934	76	131580	20.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	300993	115.815	ug/l	100
59) 2-Hexanone	10.971	43	298300	108.775	ug/l	98
60) Dibromochloromethane	11.129	129	81277	20.219	ug/l	96
61) 1,2-Dibromoethane	11.239	107	69602	20.405	ug/l	100
64) Tetrachloroethene	10.867	164	67041	19.889	ug/l	97
65) Chlorobenzene	11.660	112	242734	20.327	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	71572	19.379	ug/l	94
67) Ethyl Benzene	11.733	91	413754	20.414	ug/l	98
68) m/p-Xylenes	11.837	106	318989	41.395	ug/l	99
69) o-Xylene	12.166	106	146211	20.718	ug/l	93
70) Styrene	12.178	104	258657	20.895	ug/l	98
71) Bromoform	12.349	173	42328	20.841	ug/l #	99
73) Isopropylbenzene	12.464	105	373868	20.438	ug/l	99
74) N-amyl acetate	12.269	43	127945	21.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	93888	21.803	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	116145	34.806	ug/l	38
77) Bromobenzene	12.745	156	88031	20.358	ug/l	99
78) n-propylbenzene	12.800	91	485607	20.808	ug/l	99
79) 2-Chlorotoluene	12.891	91	287956	20.694	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	314899	20.175	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	29039	20.468	ug/l	91
82) 4-Chlorotoluene	12.989	91	308279	20.716	ug/l	99
83) tert-Butylbenzene	13.202	119	264049	20.511	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	324543	20.815	ug/l	98
85) sec-Butylbenzene	13.379	105	405797	20.438	ug/l	99
86) p-Isopropyltoluene	13.495	119	339568	20.764	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	179301	20.279	ug/l	99
88) 1,4-Dichlorobenzene	13.580	146	173553	19.776	ug/l	94
89) n-Butylbenzene	13.818	91	329511	19.841	ug/l	98
90) Hexachloroethane	14.086	117	59831	19.102	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	163857	21.128	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	15377	20.711	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	92449	19.573	ug/l	95
94) Hexachlorobutadiene	15.226	225	42338	19.473	ug/l	97
95) Naphthalene	15.360	128	197799	18.520	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	83462	19.450	ug/l	96

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QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

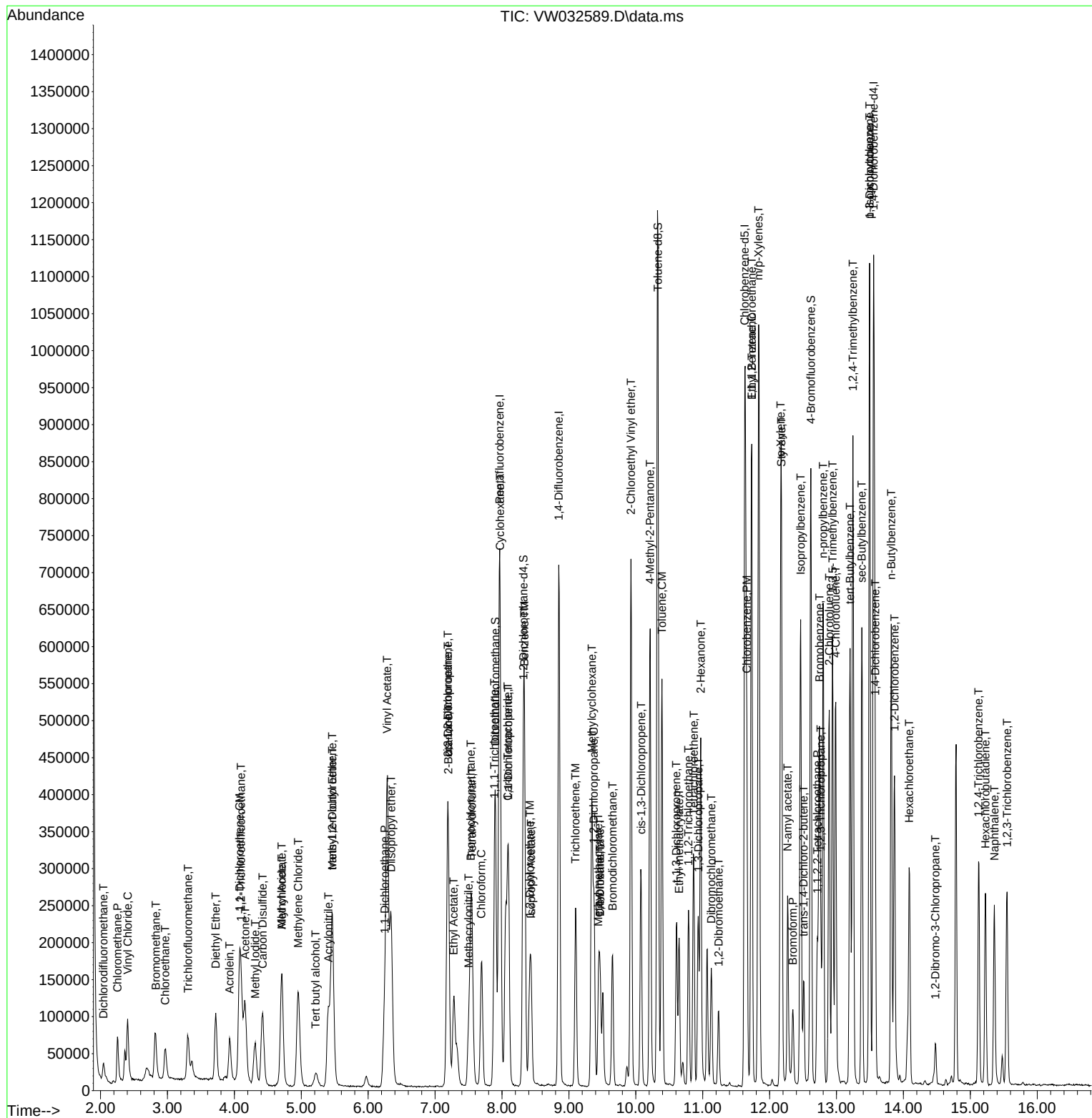
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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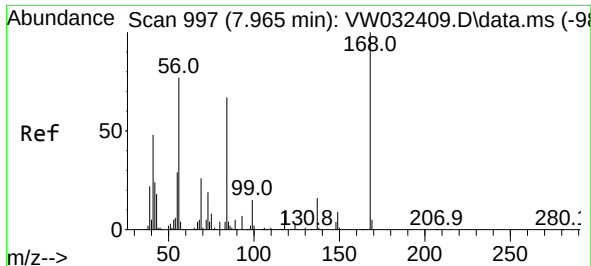
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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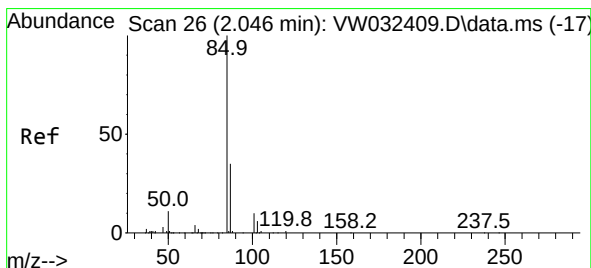
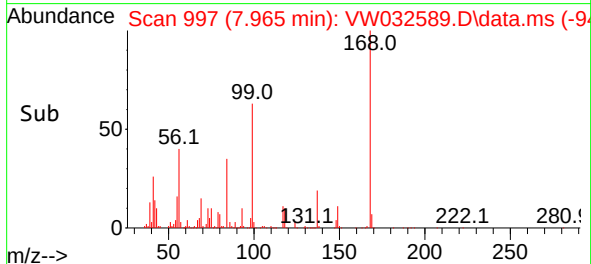
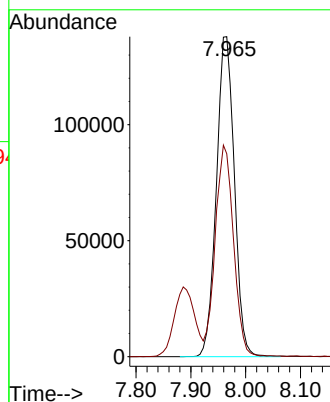
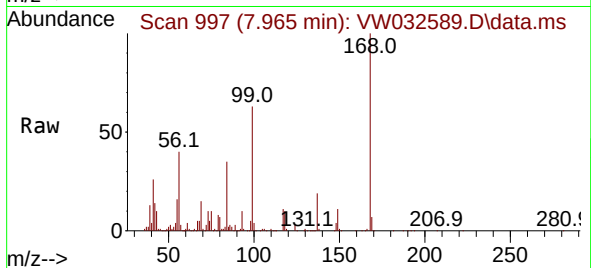




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
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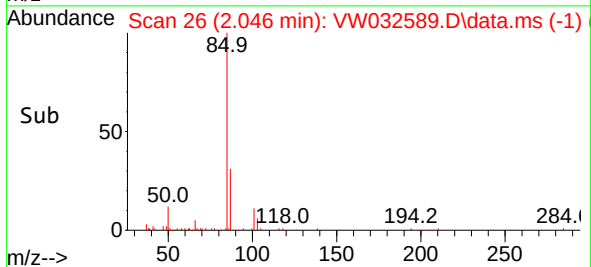
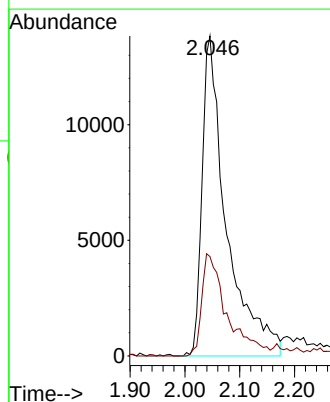
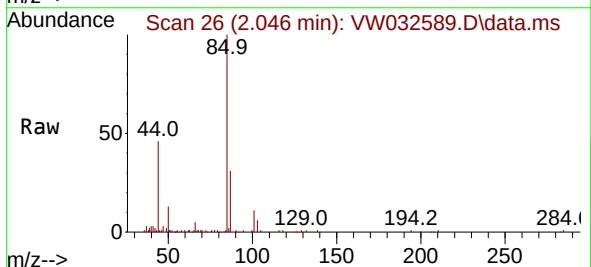
Instrument :
MSVOA_W
ClientSampleId :
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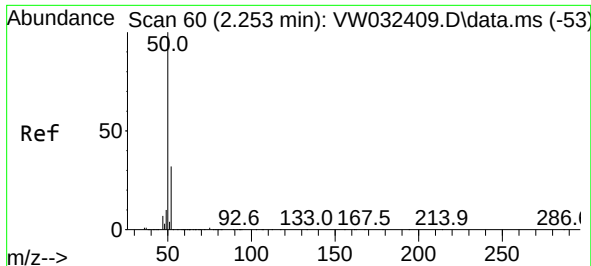
Tgt Ion:168 Resp: 314458
Ion Ratio Lower Upper
168 100
99 63.2 51.8 77.8



#2
Dichlorodifluoromethane
Concen: 21.961 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 85 Resp: 42747
Ion Ratio Lower Upper
85 100
87 31.1 17.9 53.8

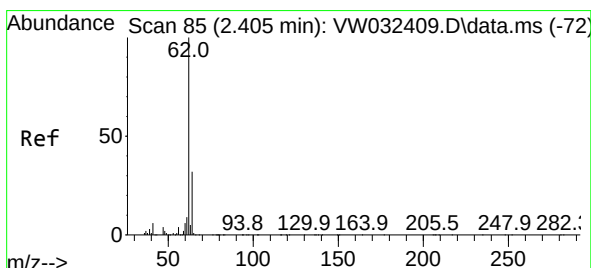
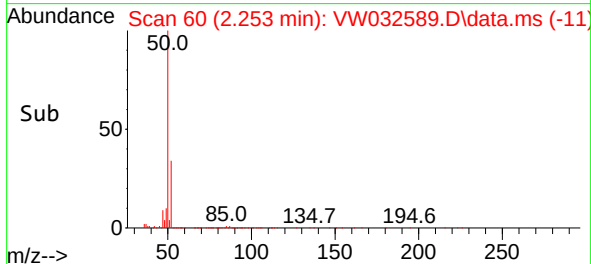
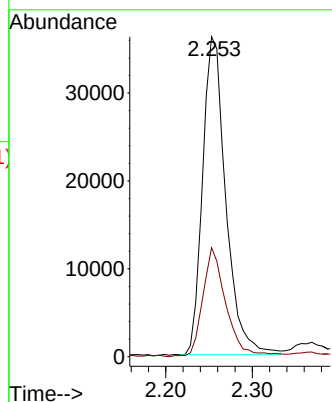
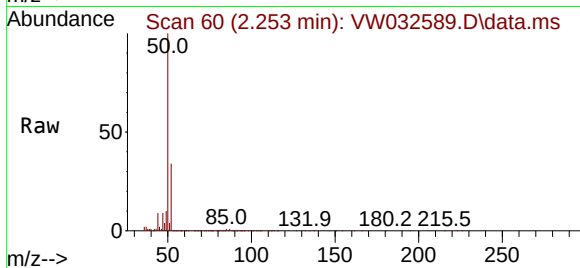




#3
Chloromethane
Concen: 18.891 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

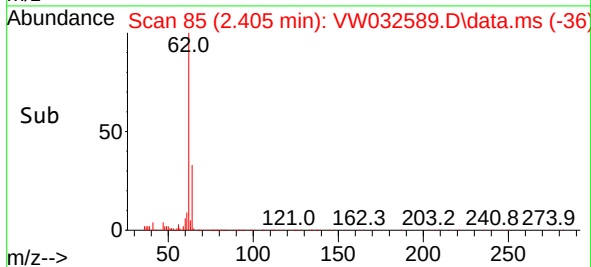
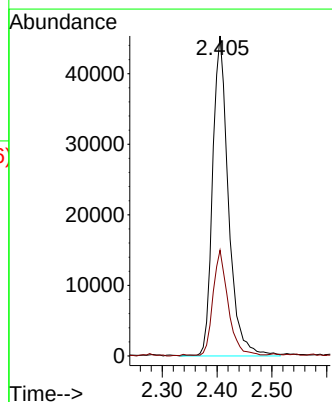
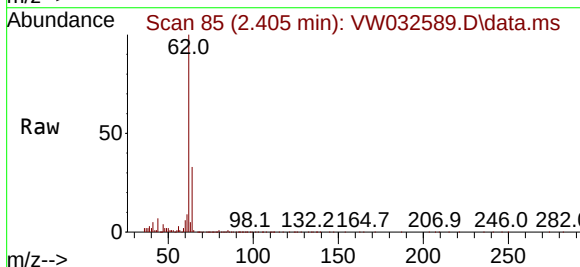
Instrument :
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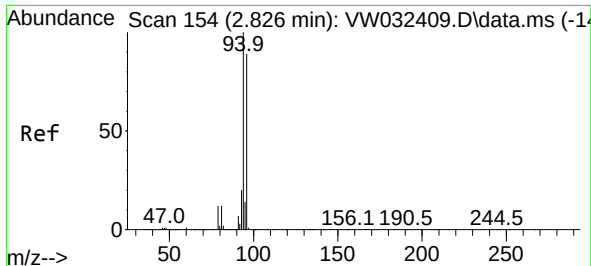
Tgt Ion: 50 Resp: 67594
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.4



#4
Vinyl Chloride
Concen: 20.925 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 62 Resp: 90838
Ion Ratio Lower Upper
62 100
64 32.9 24.2 36.4

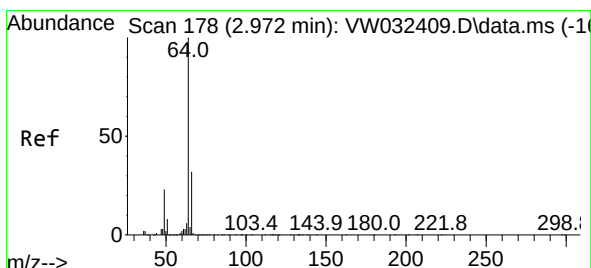
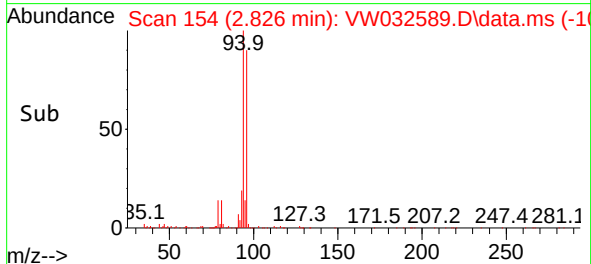
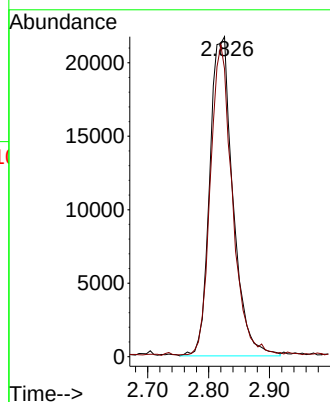
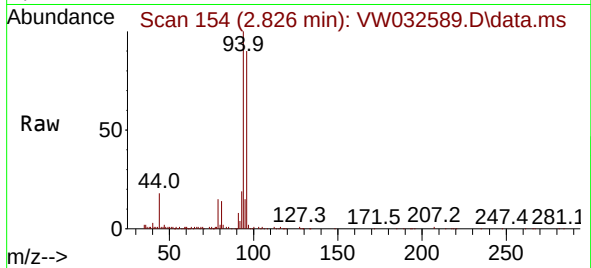




#5
Bromomethane
Concen: 19.919 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032589.D
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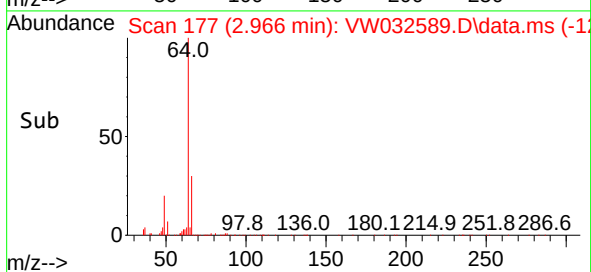
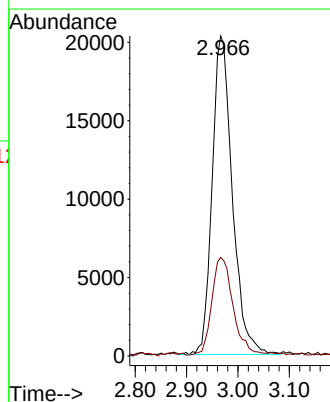
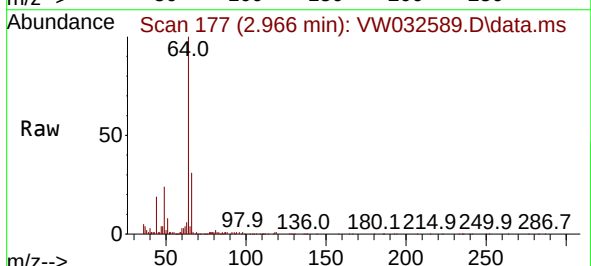
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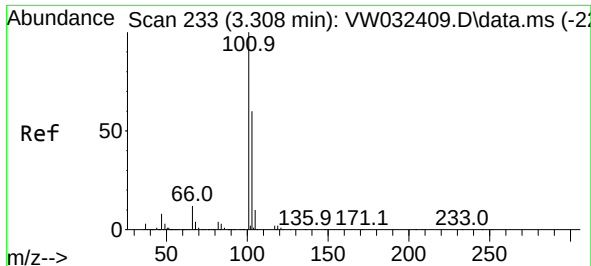
Tgt Ion: 94 Resp: 57427
Ion Ratio Lower Upper
94 100
96 89.6 69.9 104.9



#6
Chloroethane
Concen: 19.766 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.000 min
Lab File: VW032589.D
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Tgt Ion: 64 Resp: 55422
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2

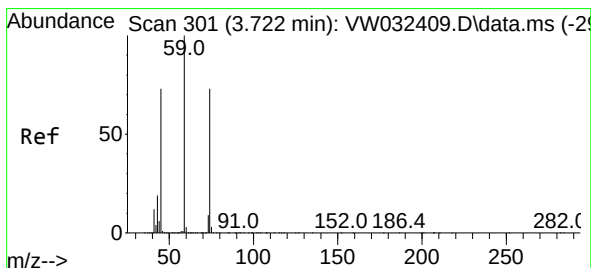
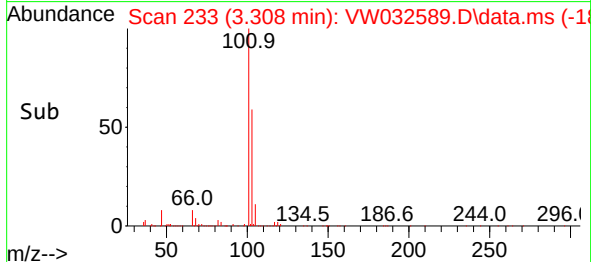
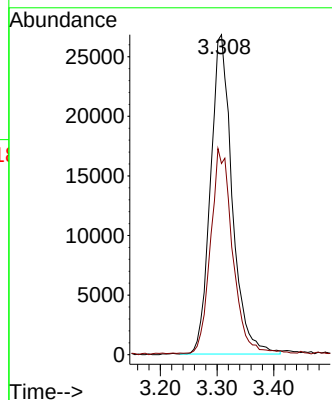
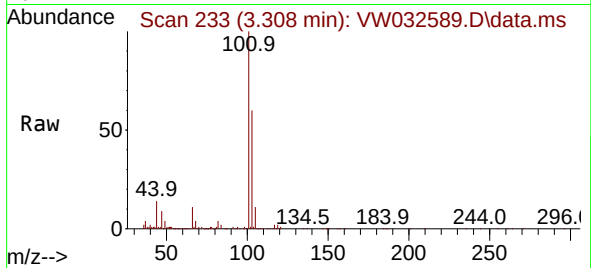




#7
 Trichlorofluoromethane
 Concen: 21.140 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

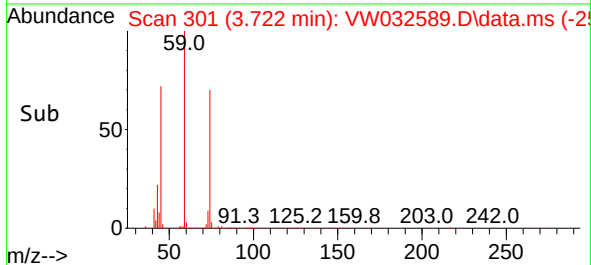
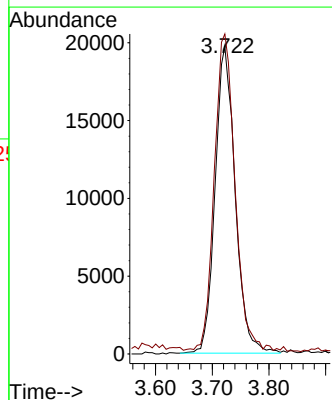
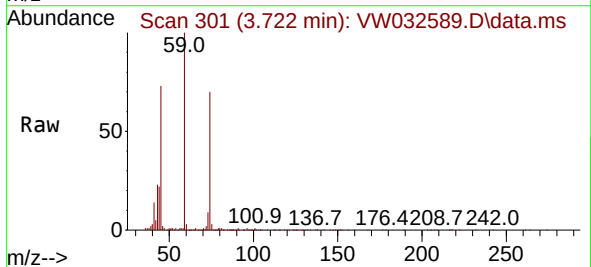
Instrument :
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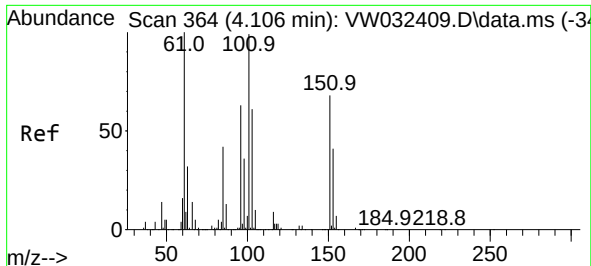
Tgt Ion:101 Resp: 71134
 Ion Ratio Lower Upper
 101 100
 103 59.4 51.1 76.7



#8
 Diethyl Ether
 Concen: 19.494 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 48490
 Ion Ratio Lower Upper
 74 100
 45 105.3 53.4 160.3

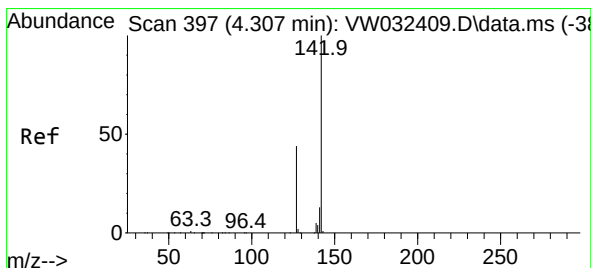
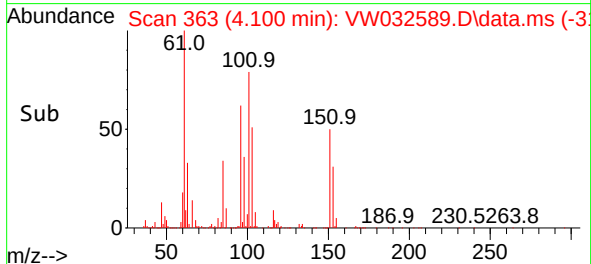
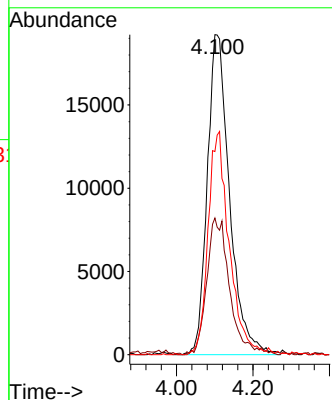
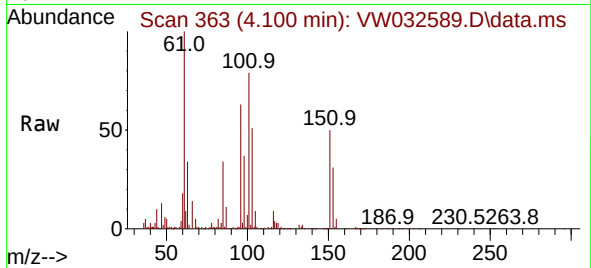




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.879 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

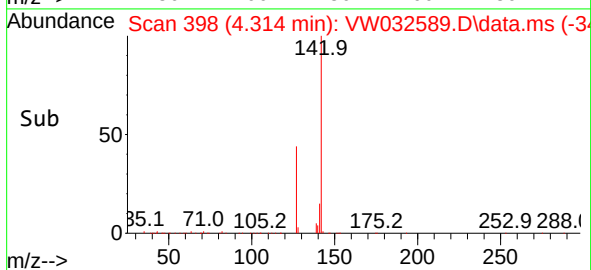
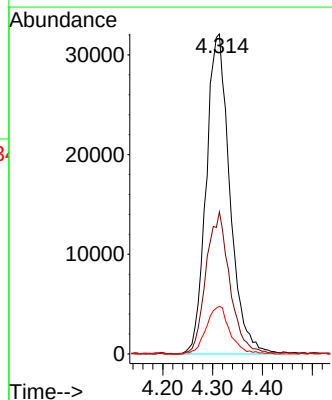
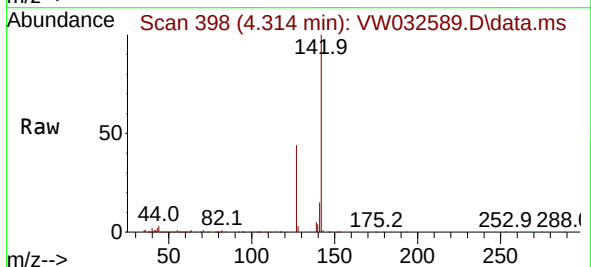
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

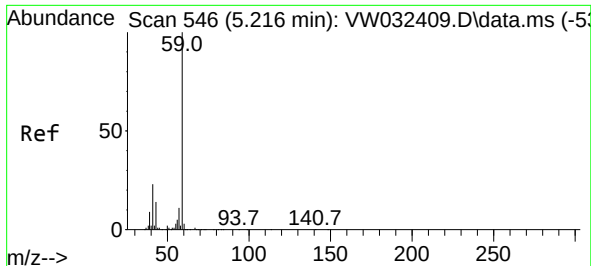
Tgt Ion:101 Resp: 77831
Ion Ratio Lower Upper
101 100
85 43.7 35.0 52.4
151 65.9 54.6 82.0



#10
Methyl Iodide
Concen: 19.710 ug/l
RT: 4.314 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion:142 Resp: 105750
Ion Ratio Lower Upper
142 100
127 44.6 36.2 54.2
141 14.9 11.9 17.9

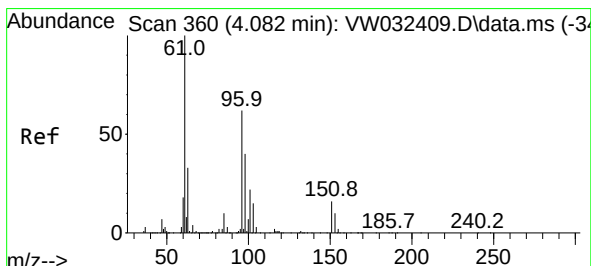
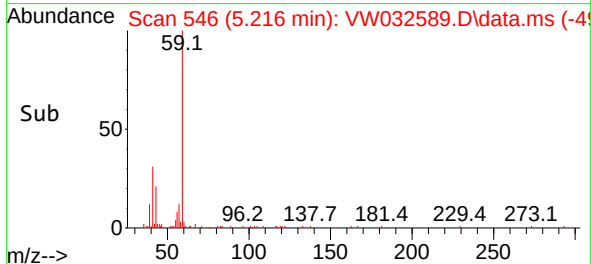
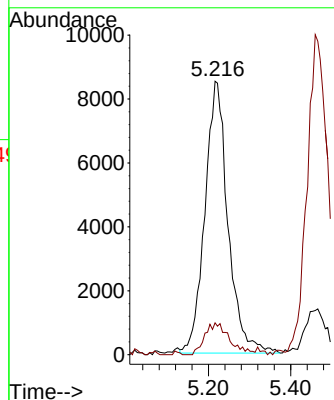
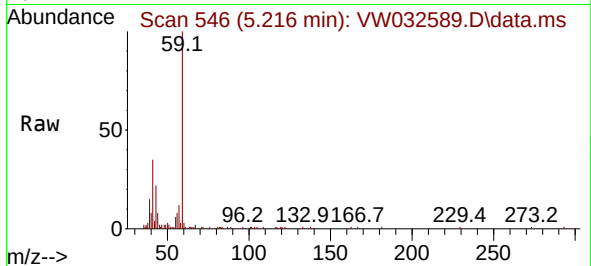




#11
Tert butyl alcohol
Concen: 92.147 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

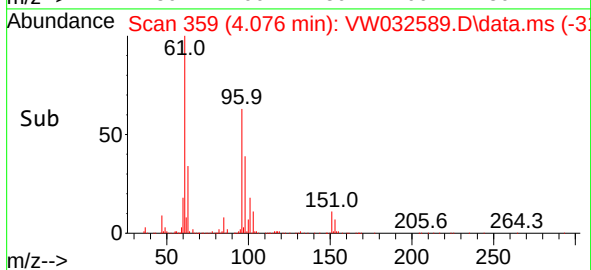
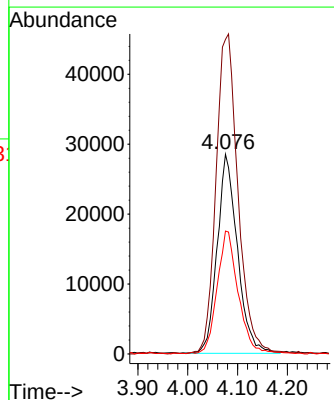
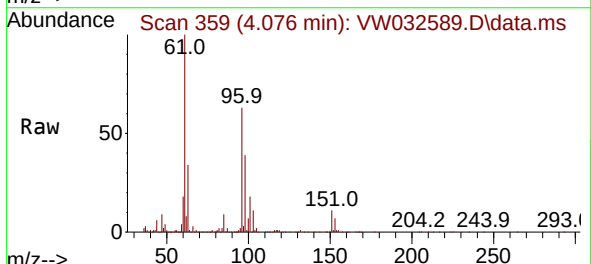
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

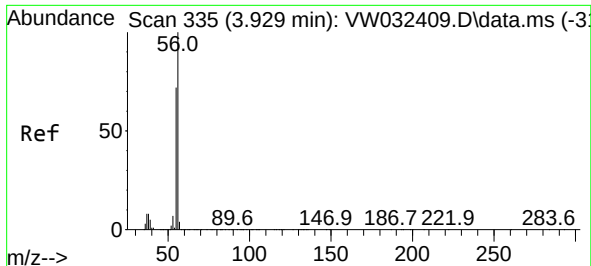
Tgt Ion: 59 Resp: 33168
Ion Ratio Lower Upper
59 100
57 12.5 4.6 6.8#



#12
1,1-Dichloroethene
Concen: 20.035 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 96 Resp: 80361
Ion Ratio Lower Upper
96 100
61 157.8 136.6 205.0
98 61.4 51.4 77.2

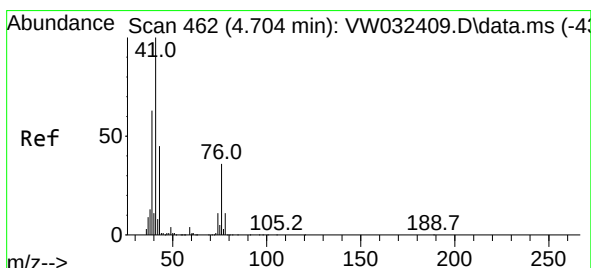
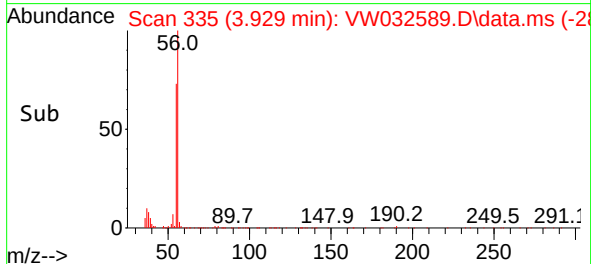
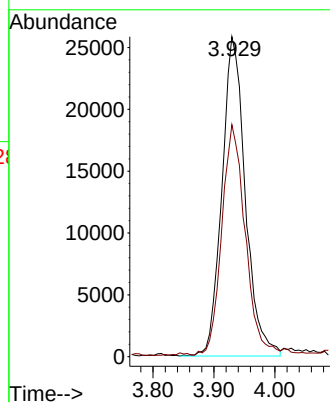
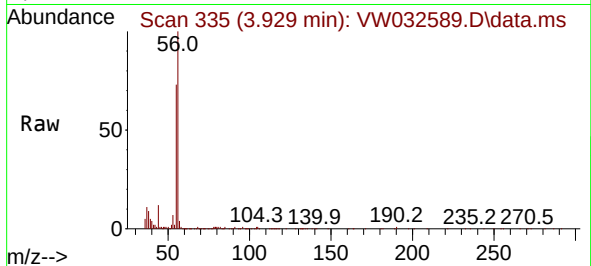




#13
Acrolein
Concen: 108.149 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

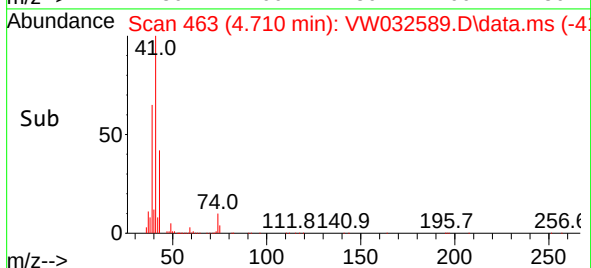
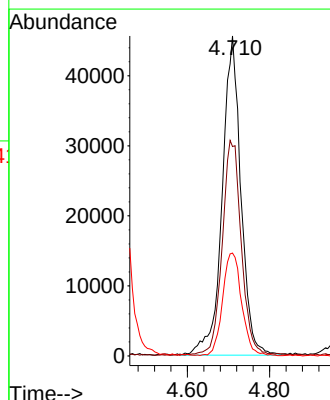
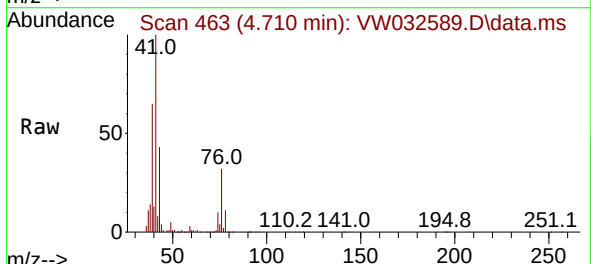
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

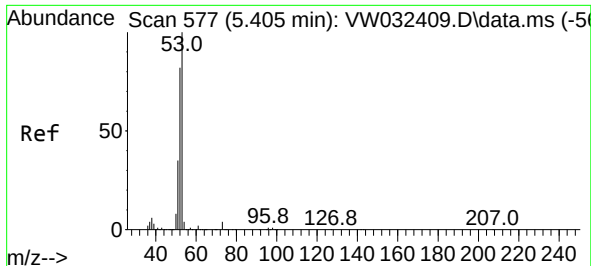
Tgt Ion: 56 Resp: 68996
Ion Ratio Lower Upper
56 100
55 72.1 55.2 82.8



#14
Allyl chloride
Concen: 19.685 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 41 Resp: 144529
Ion Ratio Lower Upper
41 100
39 68.0 52.9 79.3
76 32.5 25.8 38.6

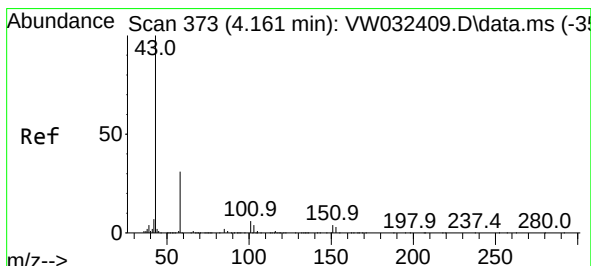
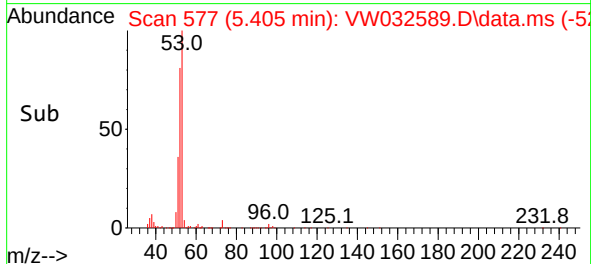
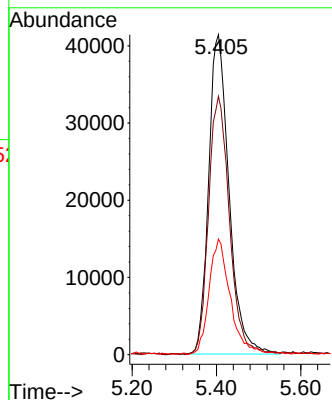
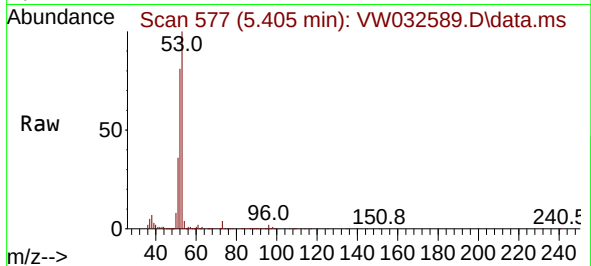




#15
Acrylonitrile
Concen: 106.747 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

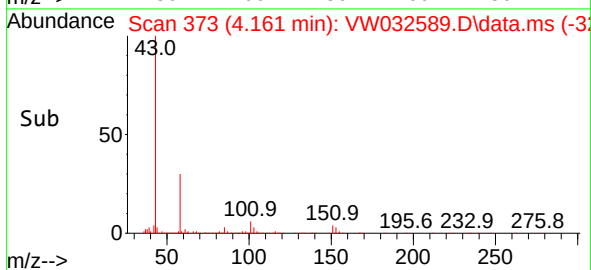
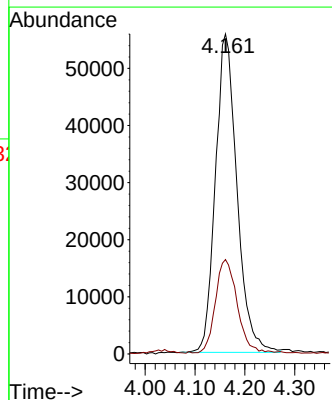
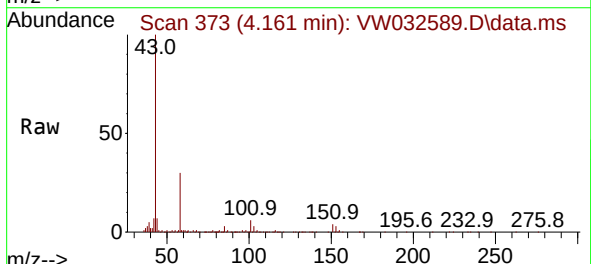
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

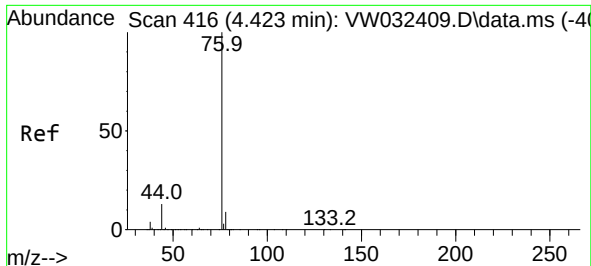
Tgt Ion: 53 Resp: 139443
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 37.7 29.3 43.9



#16
Acetone
Concen: 114.293 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 43 Resp: 167134
Ion Ratio Lower Upper
43 100
58 29.2 23.5 35.3

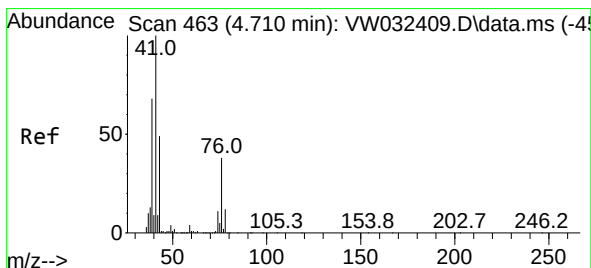
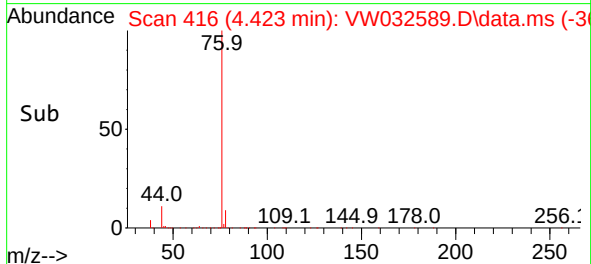
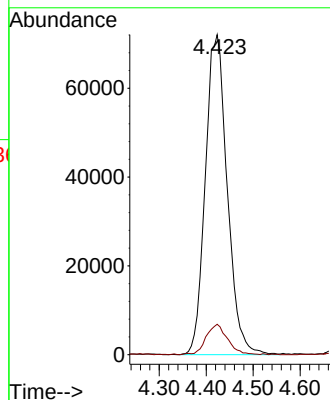
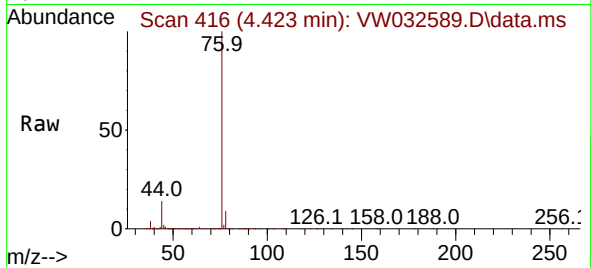




#17
Carbon Disulfide
Concen: 19.639 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

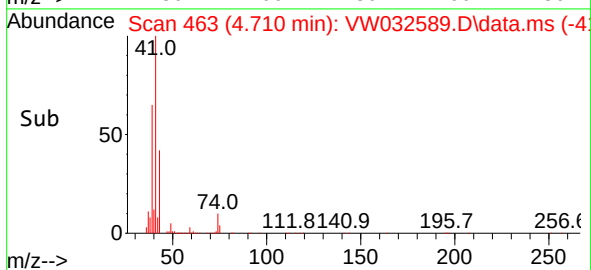
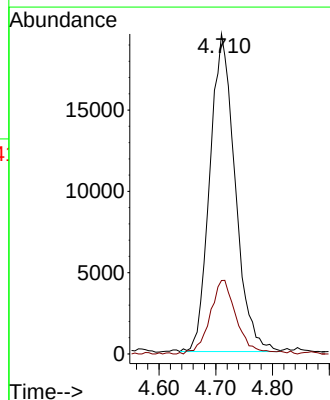
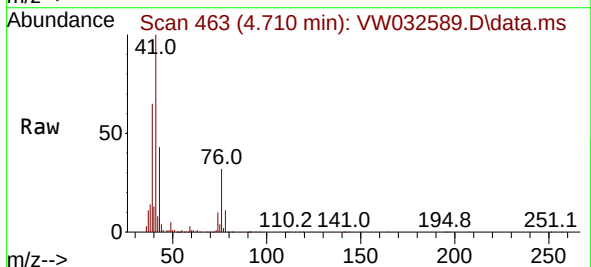
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

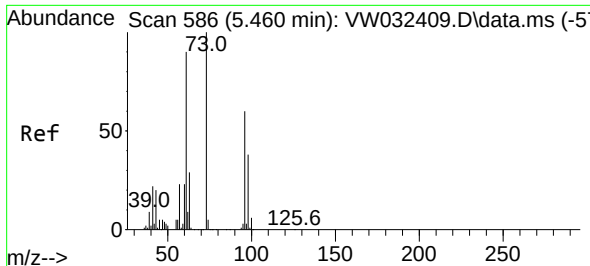
Tgt Ion: 76 Resp: 233368
Ion Ratio Lower Upper
76 100
78 9.5 6.6 9.8



#18
Methyl Acetate
Concen: 20.089 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 43 Resp: 60505
Ion Ratio Lower Upper
43 100
74 24.5 17.9 26.9





#19

Methyl tert-butyl Ether

Concen: 20.722 ug/l

RT: 5.466 min Scan# 586

Delta R.T. 0.006 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

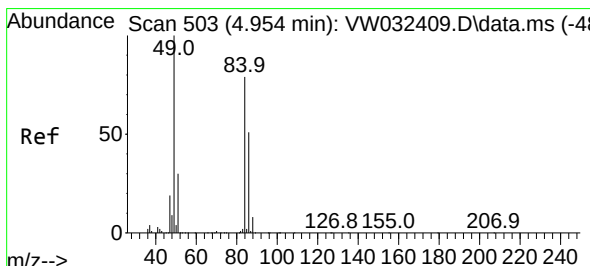
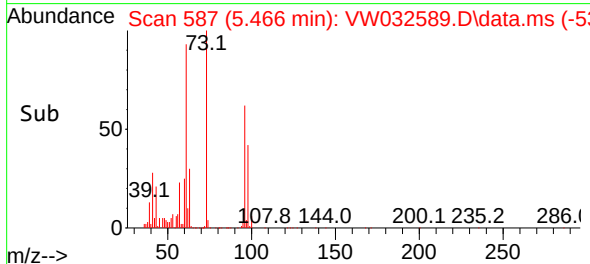
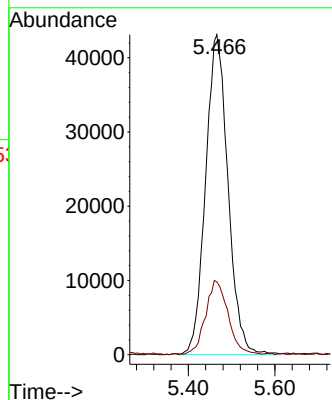
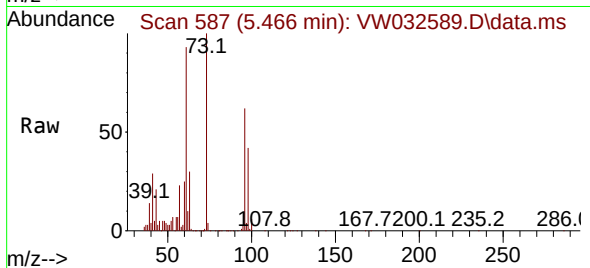
VW1208SBSD01

Tgt Ion: 73 Resp: 154918

Ion Ratio Lower Upper

73 100

57 22.5 19.0 28.4



#20

Methylene Chloride

Concen: 20.641 ug/l

RT: 4.954 min Scan# 503

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Tgt Ion: 84 Resp: 107943

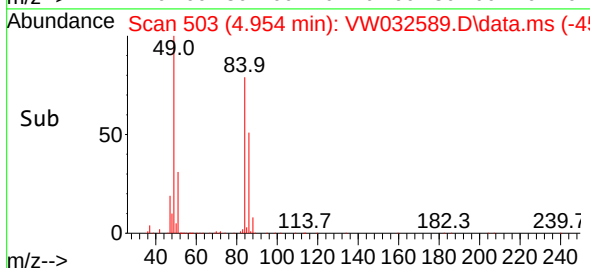
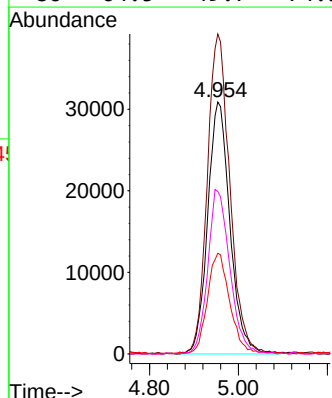
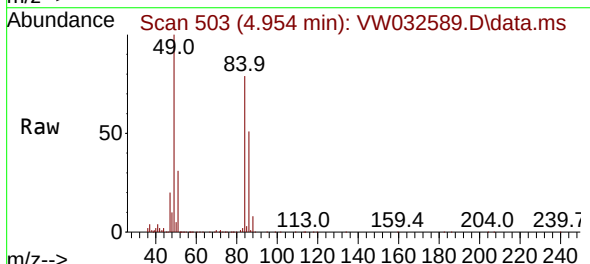
Ion Ratio Lower Upper

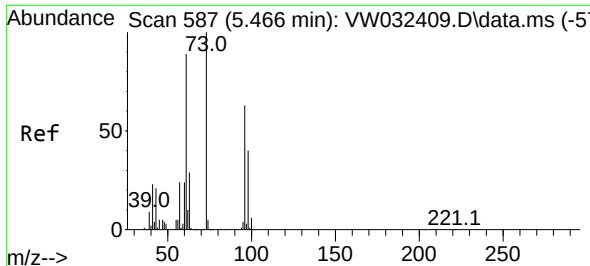
84 100

49 126.6 107.6 161.4

51 39.4 33.9 50.9

86 64.5 49.7 74.5

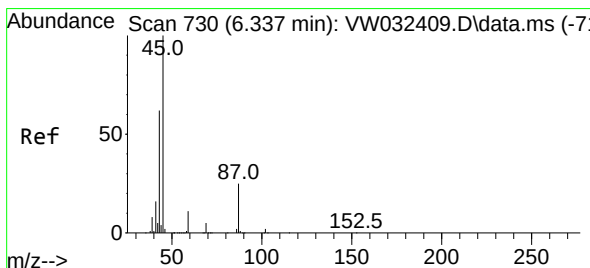
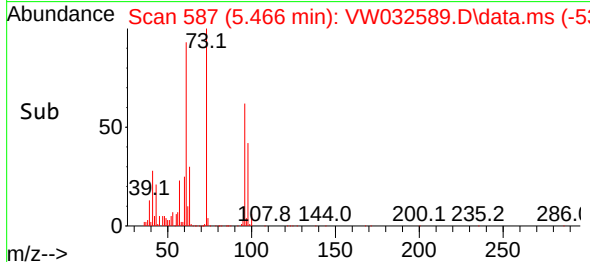
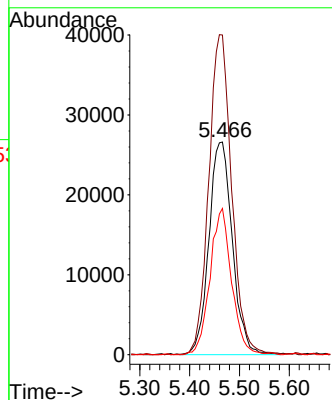
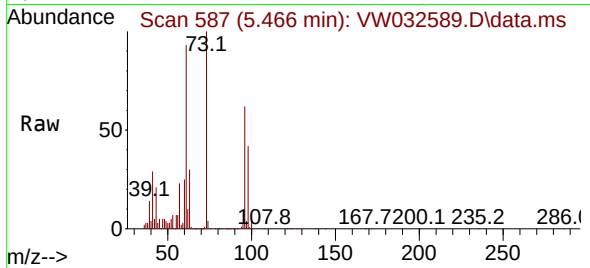




#21
trans-1,2-Dichloroethene
Concen: 19.845 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

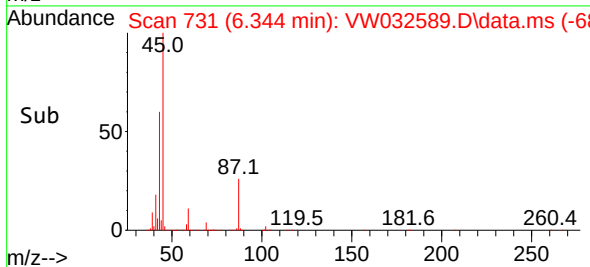
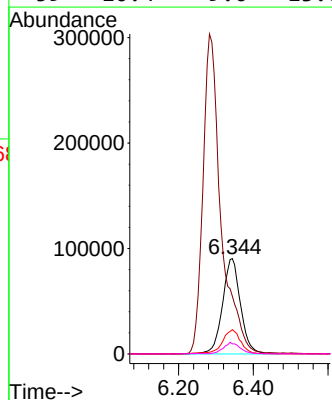
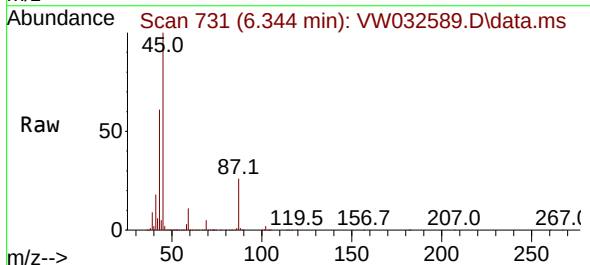
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

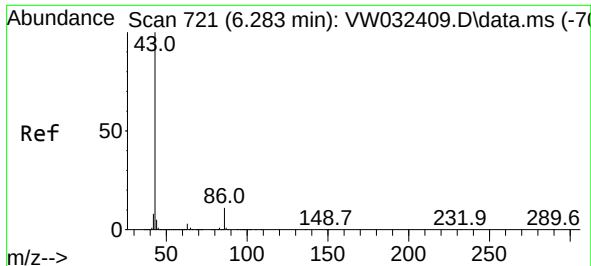
Tgt Ion: 96 Resp: 86970
Ion Ratio Lower Upper
96 100
61 150.0 111.0 166.4
98 68.8 48.4 72.6



#22
Diisopropyl ether
Concen: 20.614 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 45 Resp: 302057
Ion Ratio Lower Upper
45 100
43 60.4 44.5 66.7
87 25.5 19.7 29.5
59 10.4 9.0 13.6

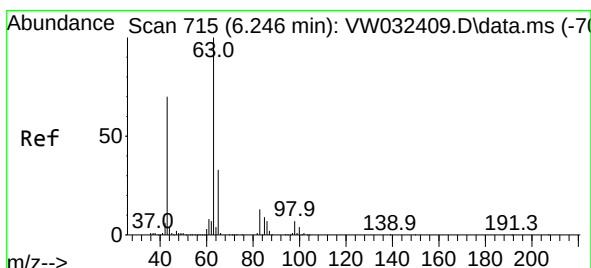
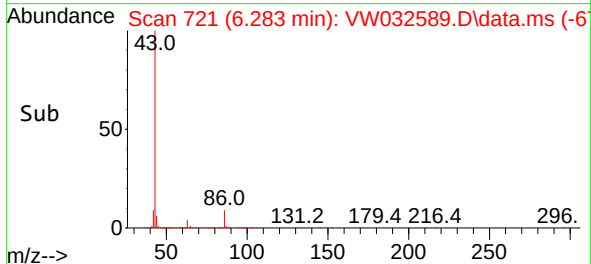
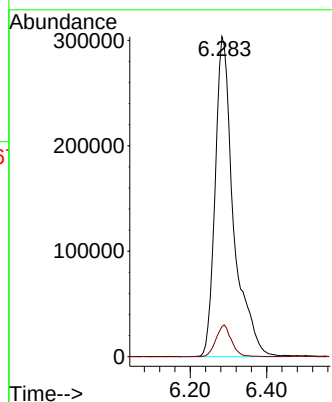
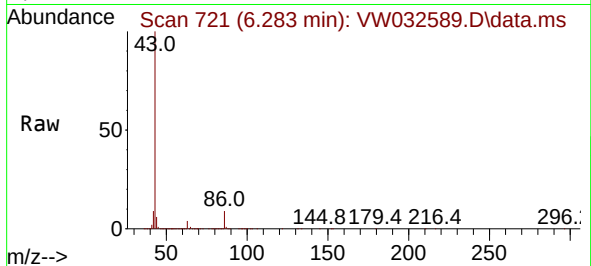




#23
 Vinyl Acetate
 Concen: 104.342 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

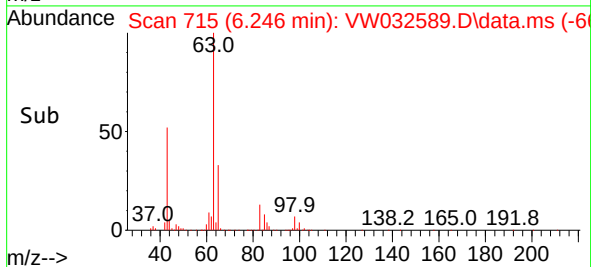
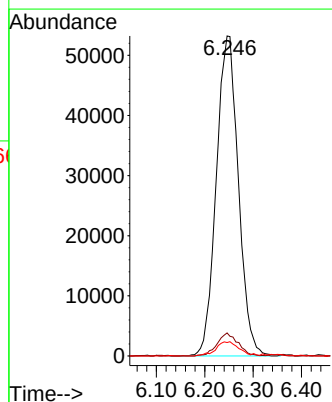
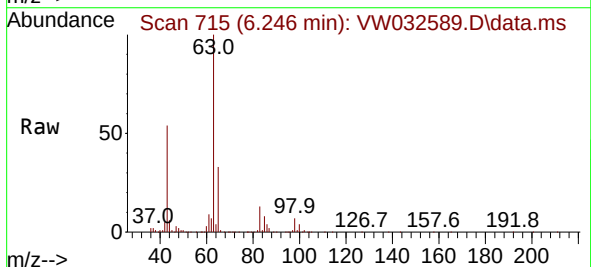
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1208SBSD01

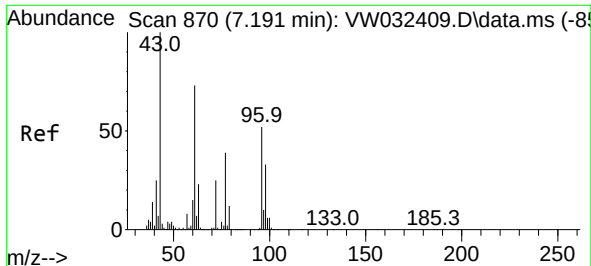
Tgt Ion: 43 Resp: 1013107
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.838 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

Tgt Ion: 63 Resp: 168770
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.2 2.3 6.8

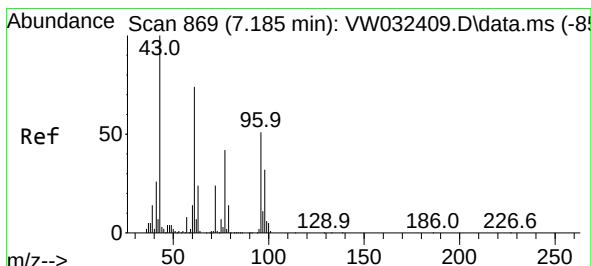
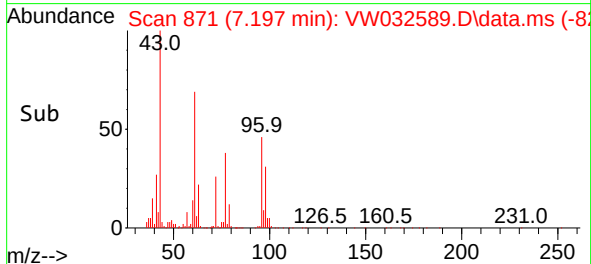
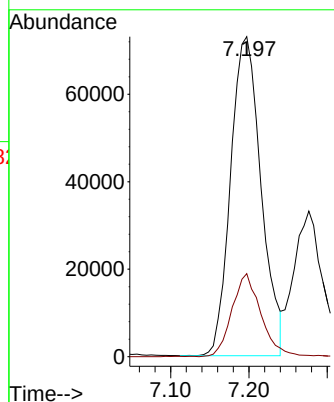
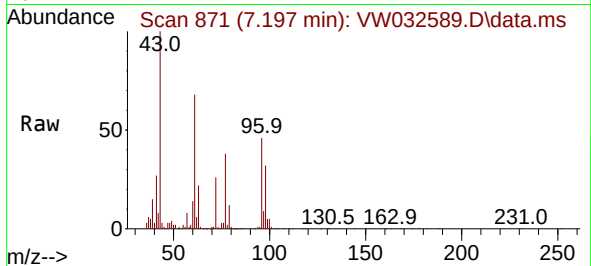




#25
2-Butanone
Concen: 105.335 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

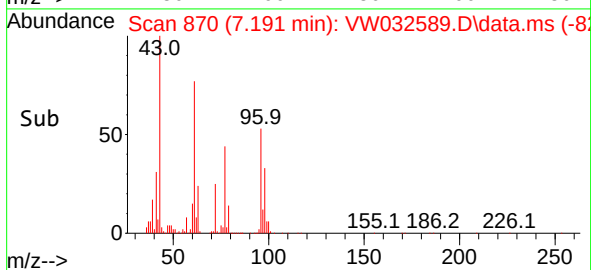
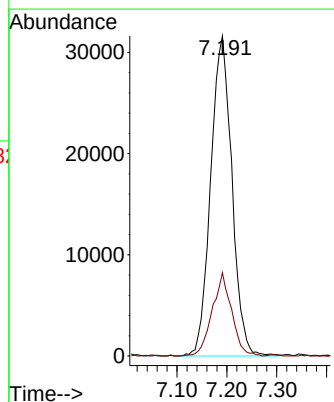
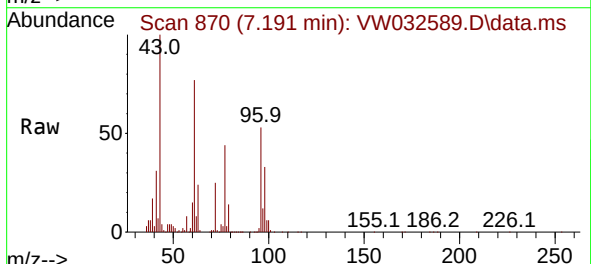
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

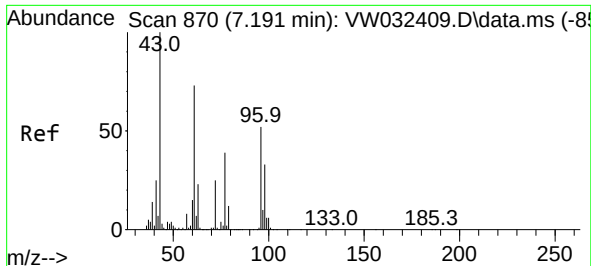
Tgt Ion: 43 Resp: 197681
Ion Ratio Lower Upper
43 100
72 26.0 19.7 29.5



#26
2,2-Dichloropropane
Concen: 18.940 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 77 Resp: 93408
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7

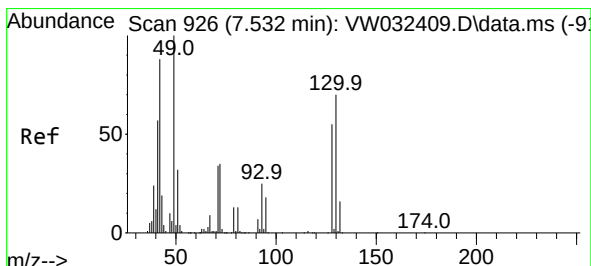
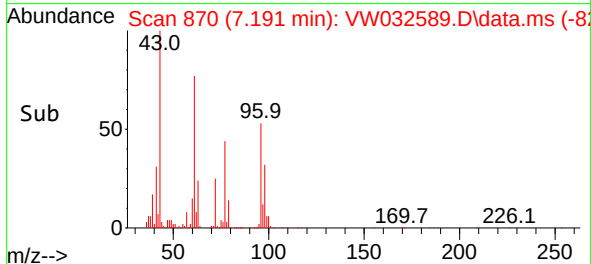
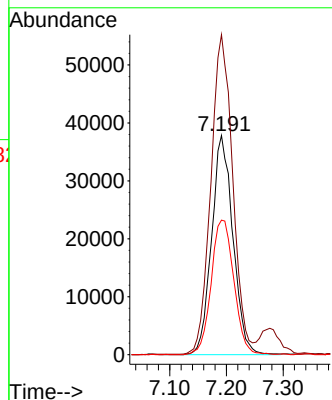
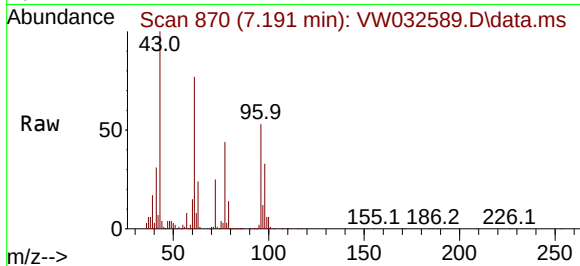




#27
 cis-1,2-Dichloroethene
 Concen: 19.365 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

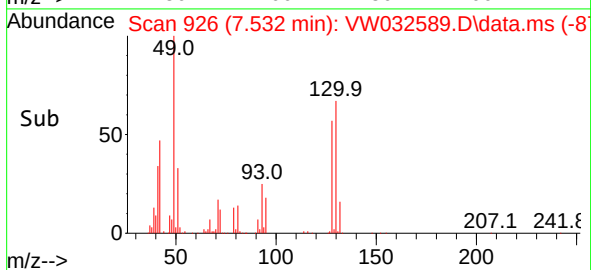
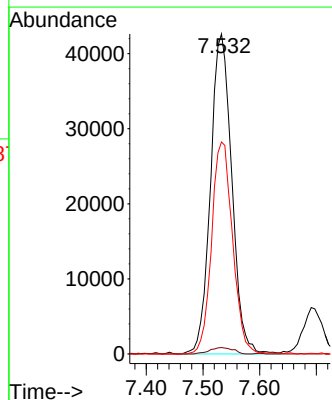
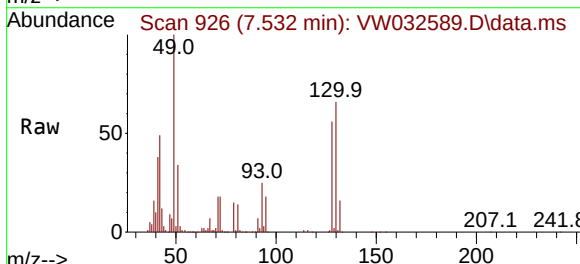
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1208SBSD01

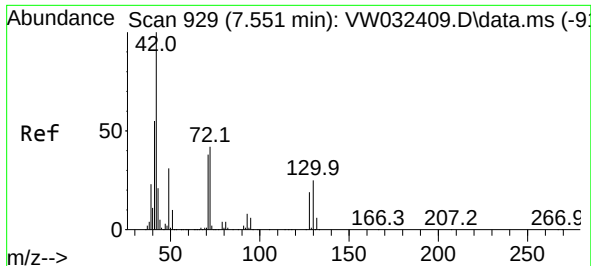
Tgt Ion: 96 Resp: 98803
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 298.6
 98 65.5 0.0 129.2



#28
 Bromochloromethane
 Concen: 29.029 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

Tgt Ion: 49 Resp: 110938
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 65.4 54.1 81.1





#29

Tetrahydrofuran

Concen: 107.288 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1208SBSD01

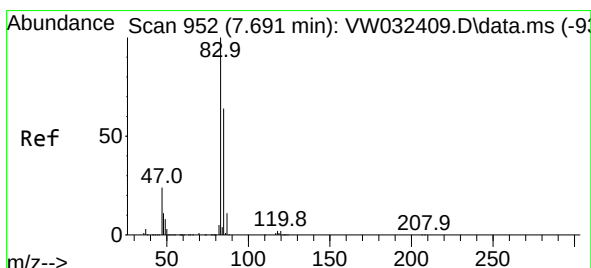
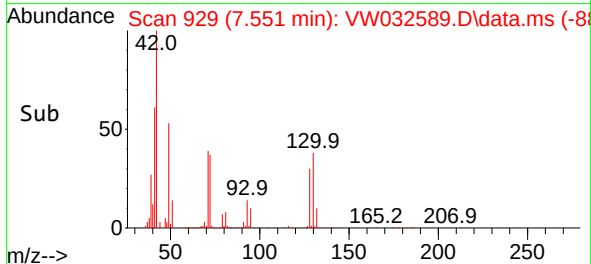
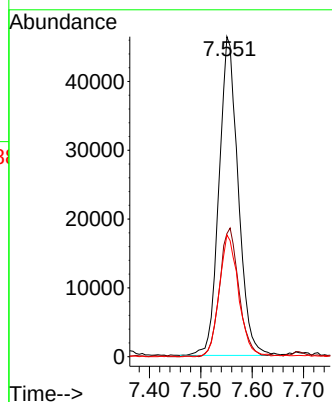
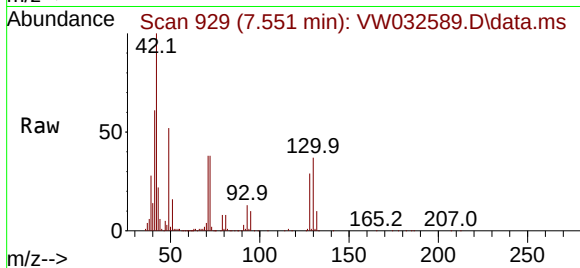
Tgt Ion: 42 Resp: 120221

Ion Ratio Lower Upper

42 100

72 40.8 32.4 48.6

71 38.7 31.1 46.7



#30

Chloroform

Concen: 19.953 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032589.D

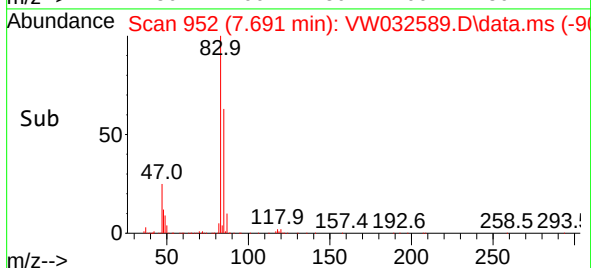
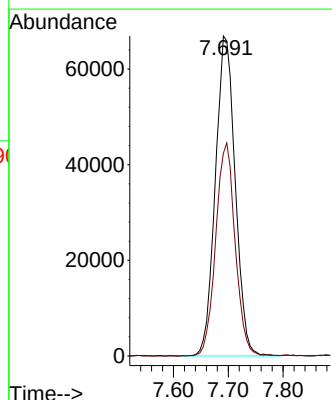
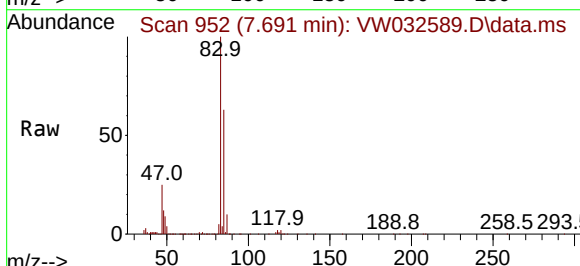
Acq: 08 Dec 2025 12:39

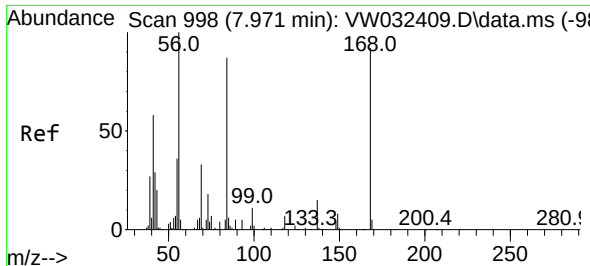
Tgt Ion: 83 Resp: 168468

Ion Ratio Lower Upper

83 100

85 63.3 53.1 79.7

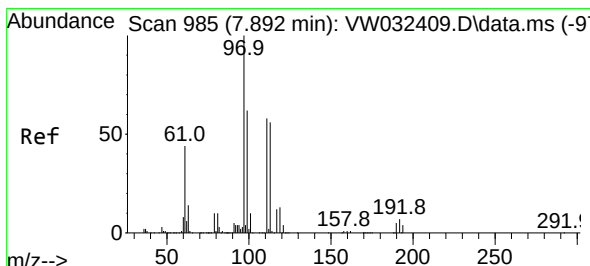
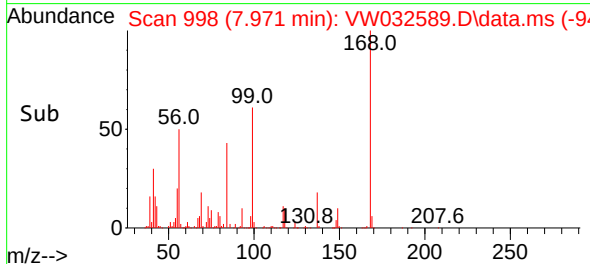
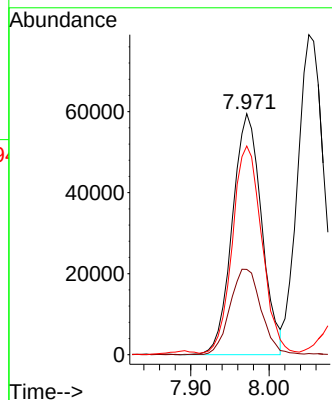
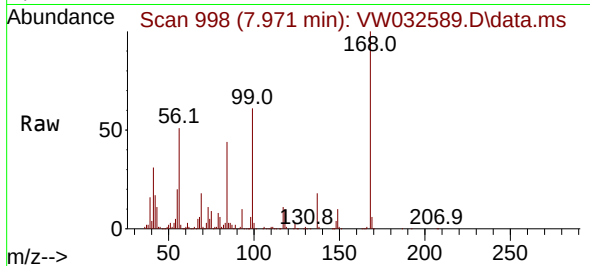




#31
Cyclohexane
Concen: 20.638 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

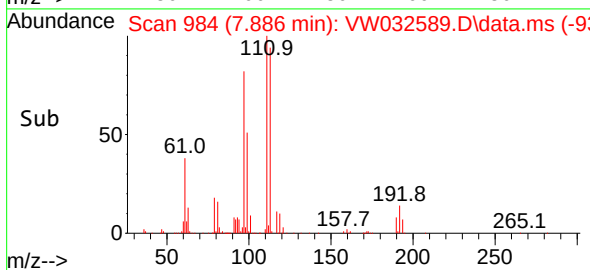
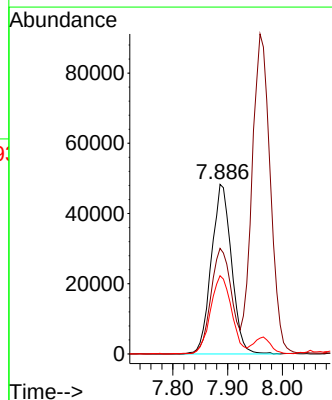
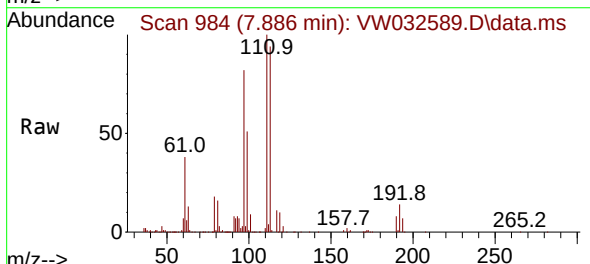
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

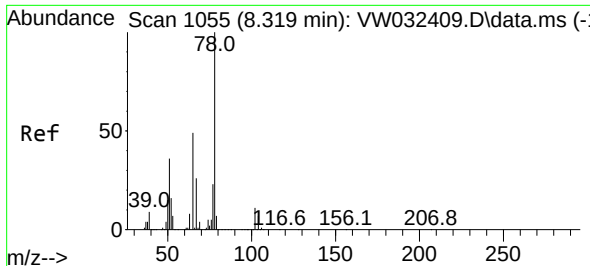
Tgt Ion: 56 Resp: 154819
Ion Ratio Lower Upper
56 100
69 35.4 27.3 40.9
84 85.3 67.5 101.3



#32
1,1,1-Trichloroethane
Concen: 20.078 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 97 Resp: 123035
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 48.5 37.8 56.8

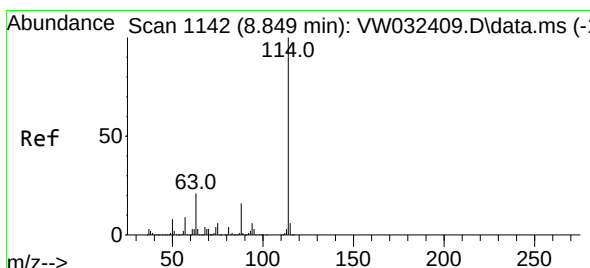
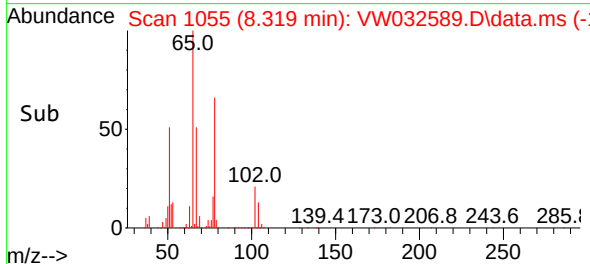
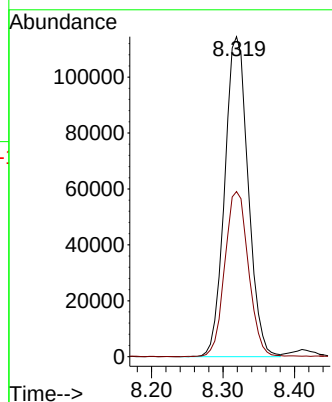
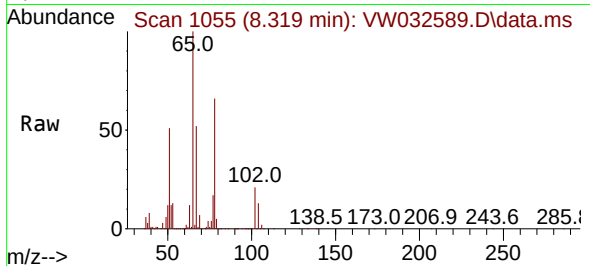




#33
 1,2-Dichloroethane-d4
 Concen: 55.598 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

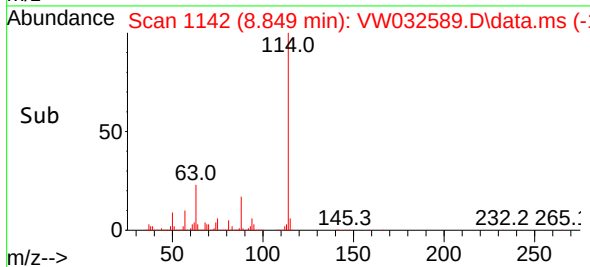
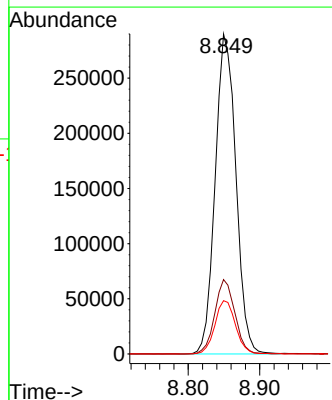
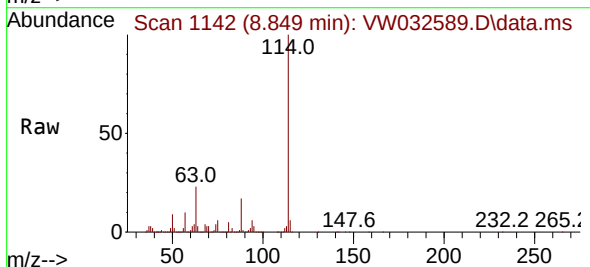
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1208SBSD01

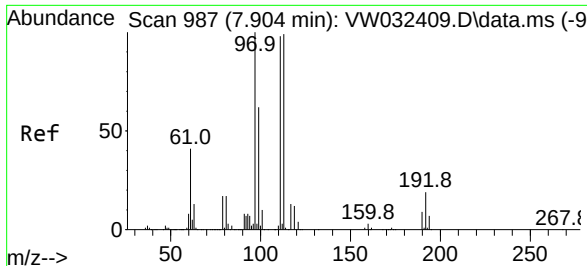
Tgt Ion: 65 Resp: 260184
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

Tgt Ion: 114 Resp: 582852
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 40.6
 88 16.7 0.0 31.2

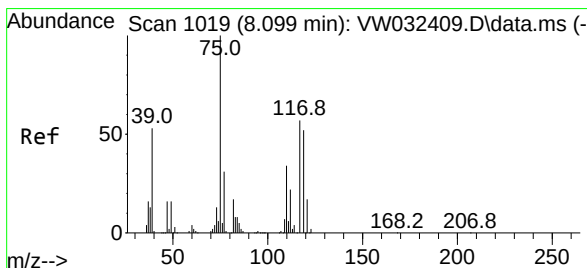
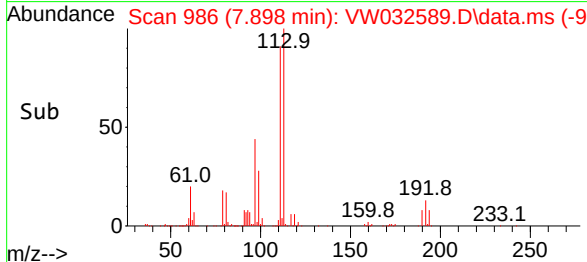
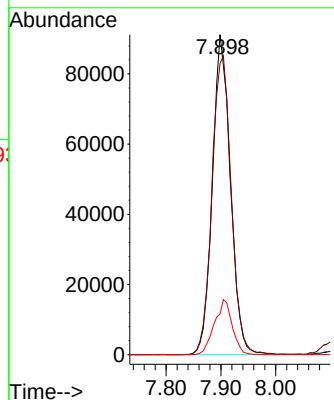
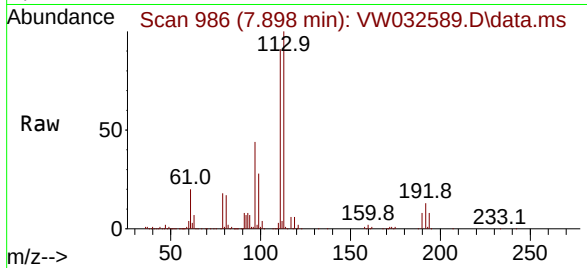




#35
Dibromofluoromethane
Concen: 54.349 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

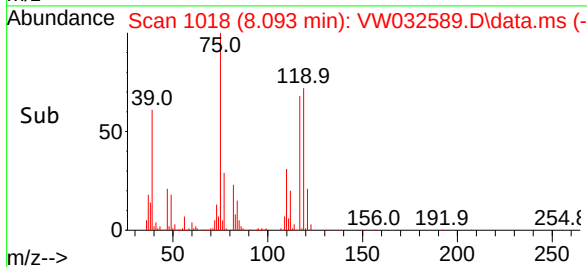
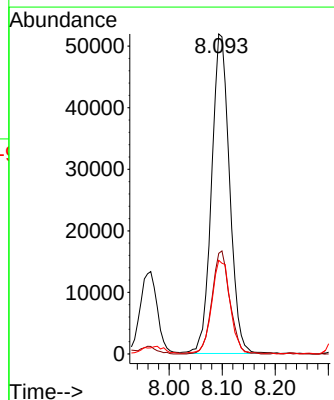
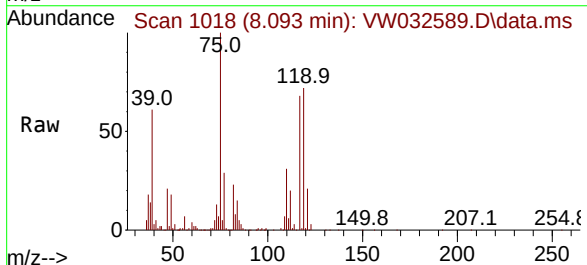
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

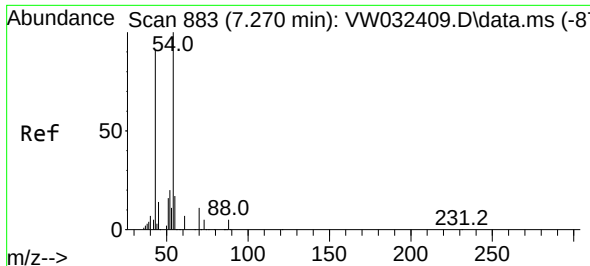
Tgt Ion:113 Resp: 208460
Ion Ratio Lower Upper
113 100
111 100.2 83.4 125.0
192 17.0 13.4 20.2



#36
1,1-Dichloropropene
Concen: 20.908 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 75 Resp: 122320
Ion Ratio Lower Upper
75 100
110 31.9 16.9 50.6
77 30.6 24.6 37.0

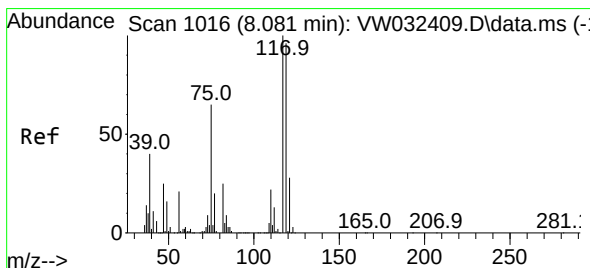
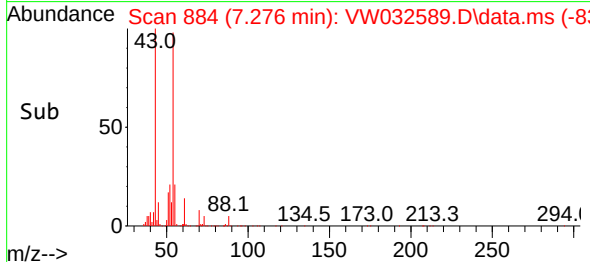
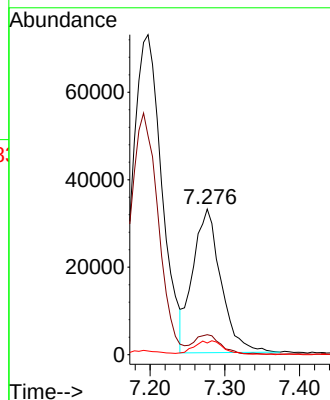
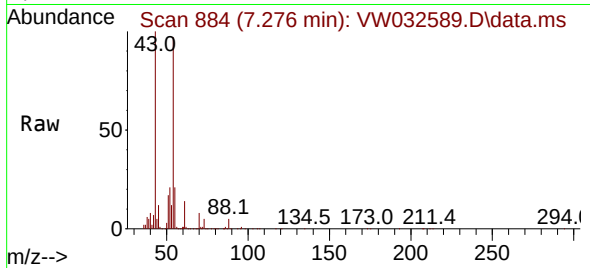




#37
Ethyl Acetate
Concen: 21.187 ug/l
RT: 7.276 min Scan# 883
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

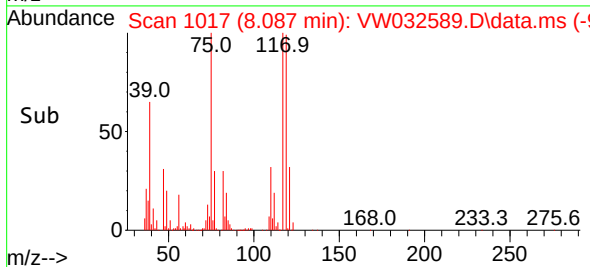
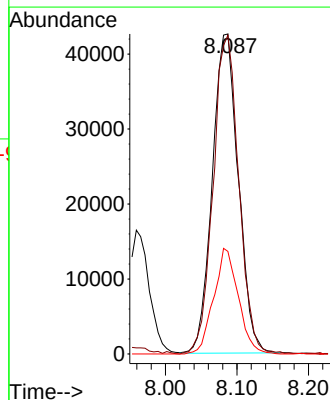
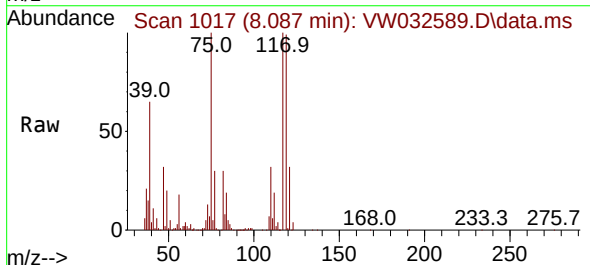
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBS01

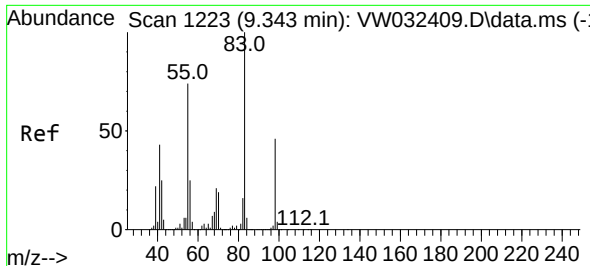
Tgt Ion: 43 Resp: 85781
Ion Ratio Lower Upper
43 100
61 12.4 10.6 16.0
70 10.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.793 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 117 Resp: 107578
Ion Ratio Lower Upper
117 100
119 100.0 76.9 115.3
121 32.1 25.4 38.2





#39

Methylcyclohexane

Concen: 20.492 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1208SBSD01

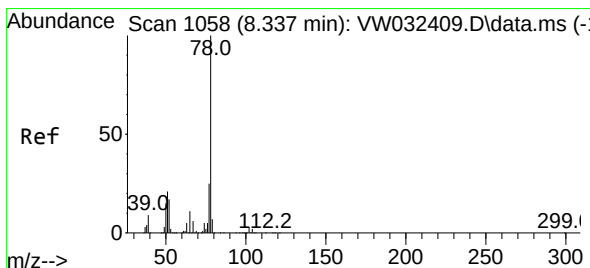
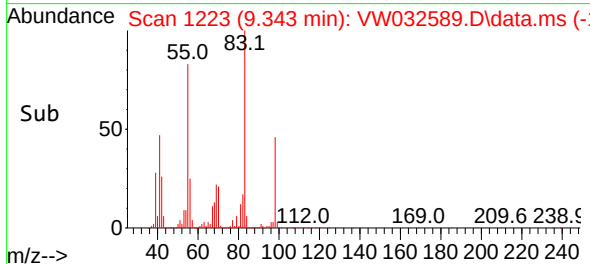
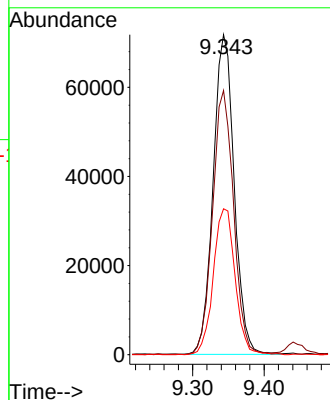
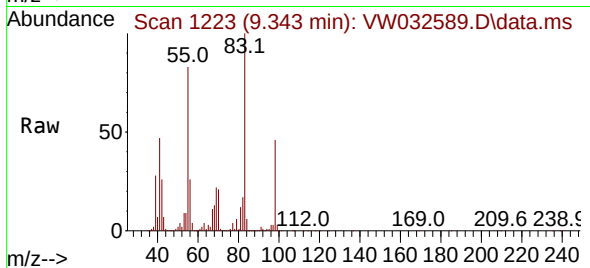
Tgt Ion: 83 Resp: 146389

Ion Ratio Lower Upper

83 100

55 82.5 64.9 97.3

98 45.6 36.2 54.4



#40

Benzene

Concen: 19.564 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032589.D

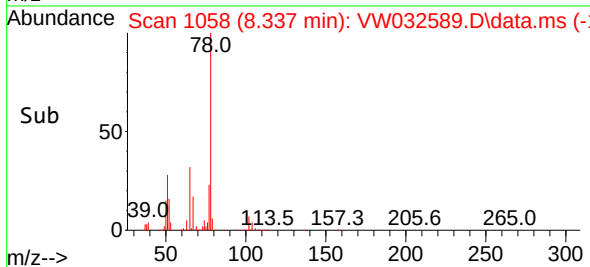
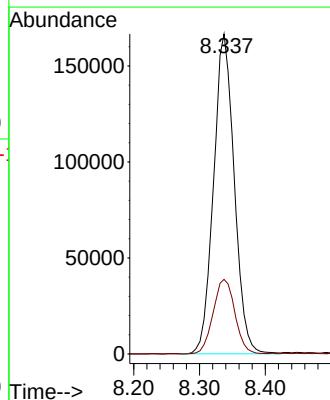
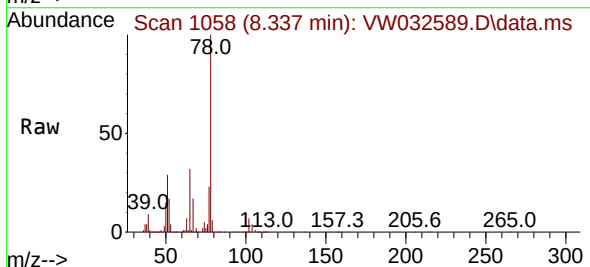
Acq: 08 Dec 2025 12:39

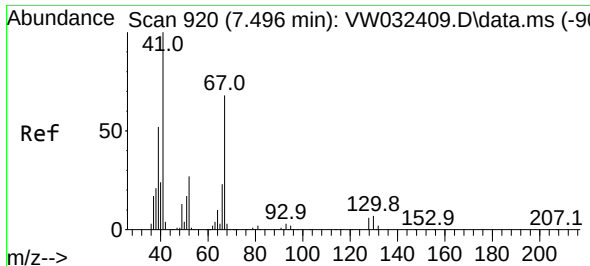
Tgt Ion: 78 Resp: 364749

Ion Ratio Lower Upper

78 100

77 23.2 20.0 30.0

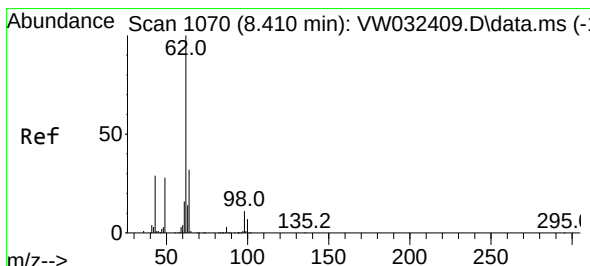
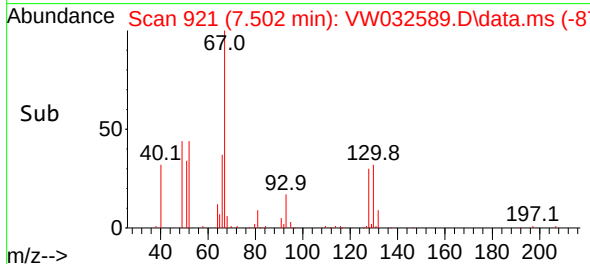
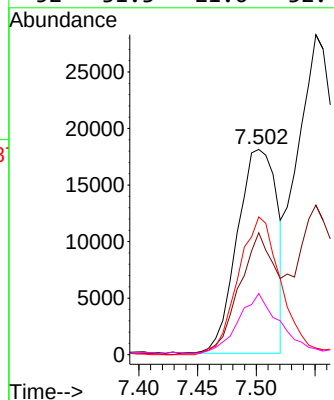
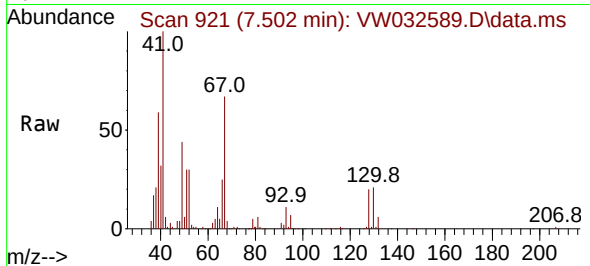




#41
Methacrylonitrile
Concen: 19.490 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

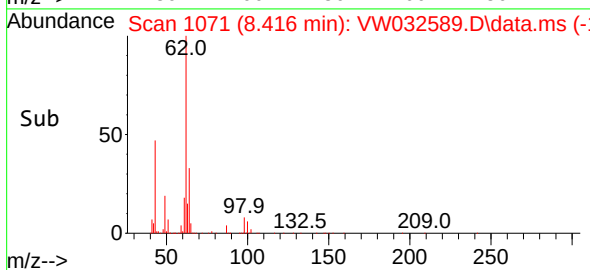
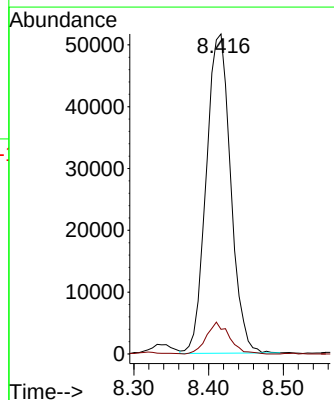
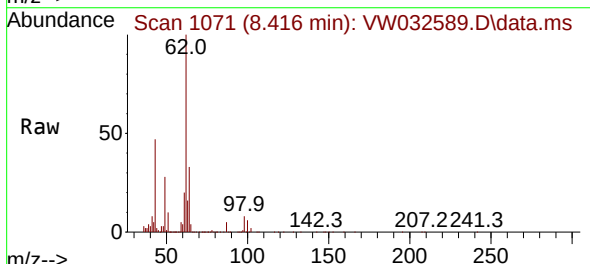
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

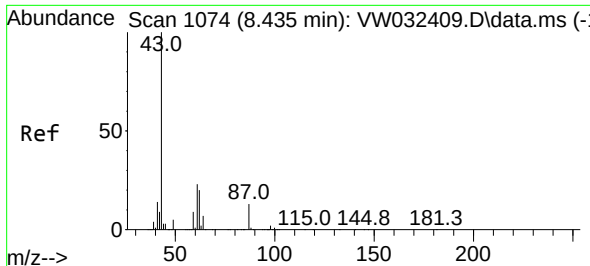
Tgt Ion:	41	Resp:	42697
Ion	Ratio	Lower	Upper
41	100		
39	54.7	38.5	57.7
67	73.7	49.8	74.6
52	31.3	21.6	32.4



#42
1,2-Dichloroethane
Concen: 20.493 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion:	62	Resp:	117144
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0

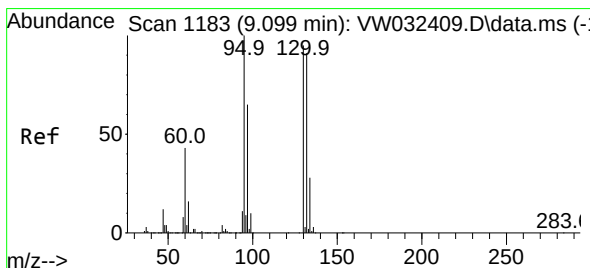
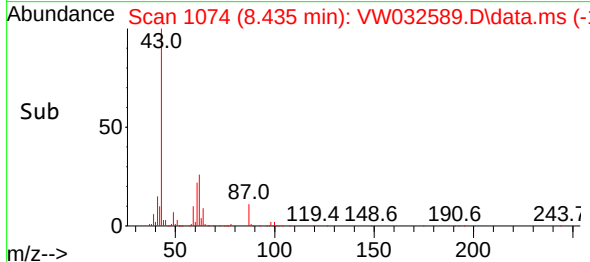
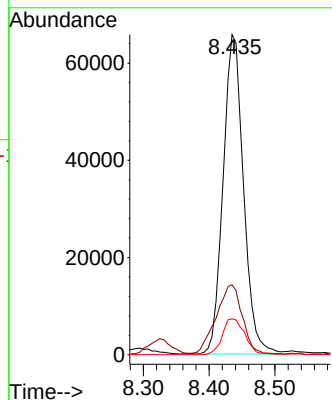
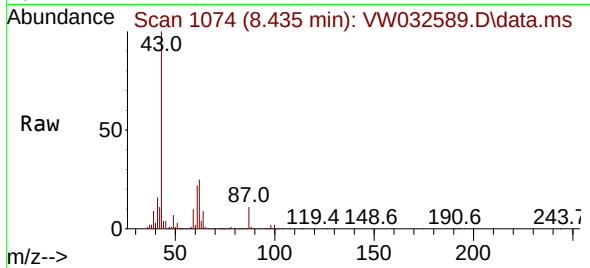




#43
Isopropyl Acetate
Concen: 20.446 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

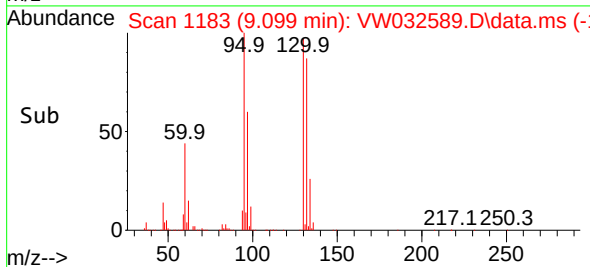
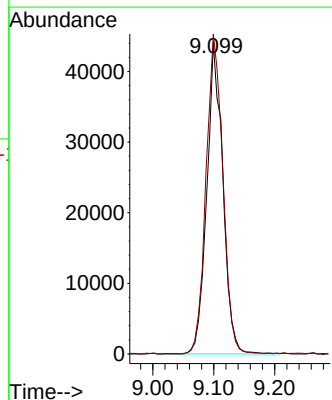
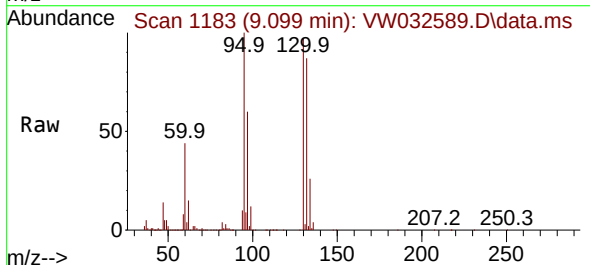
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

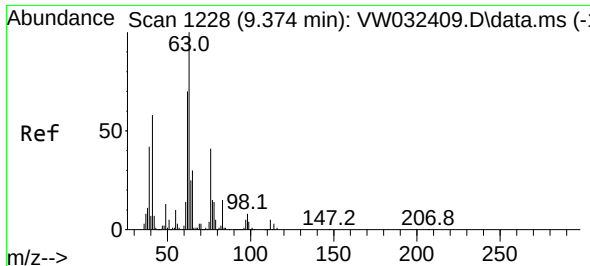
Tgt Ion: 43 Resp: 142286
Ion Ratio Lower Upper
43 100
61 27.8 22.3 33.5
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 19.422 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion:130 Resp: 80927
Ion Ratio Lower Upper
130 100
95 102.7 0.0 190.4

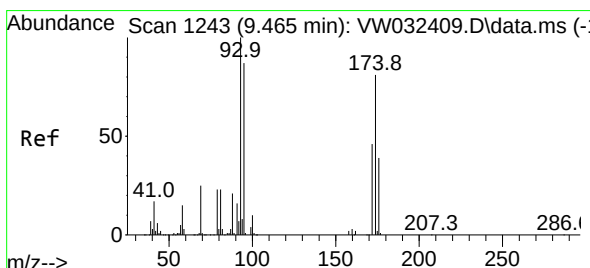
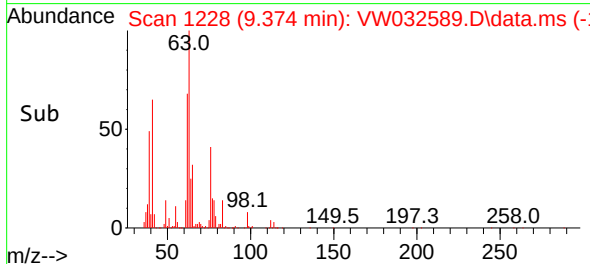
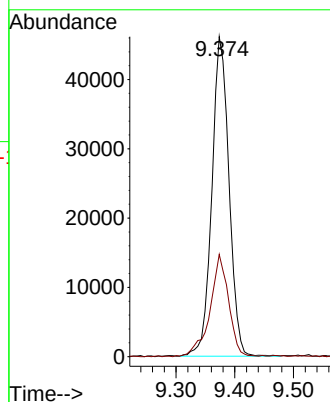
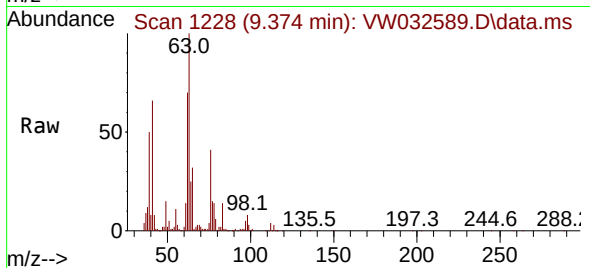




#45
1,2-Dichloropropane
Concen: 20.185 ug/l
RT: 9.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

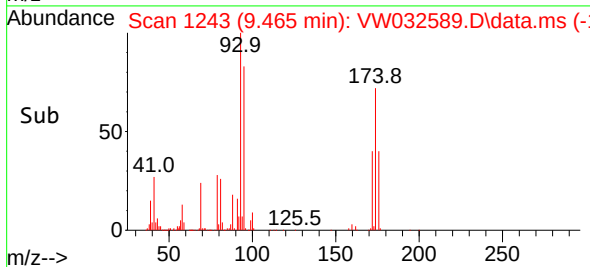
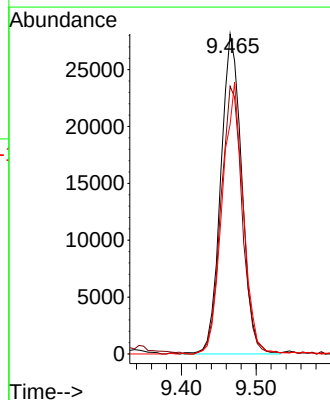
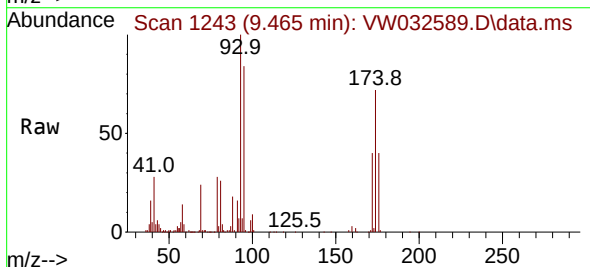
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

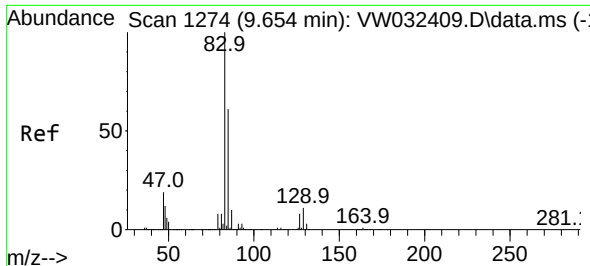
Tgt Ion: 63 Resp: 93473
Ion Ratio Lower Upper
63 100
65 31.8 26.5 39.7



#46
Dibromomethane
Concen: 20.525 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 93 Resp: 54963
Ion Ratio Lower Upper
93 100
95 84.8 66.4 99.6
174 84.7 65.3 97.9

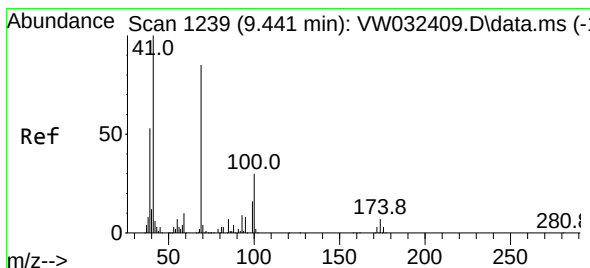
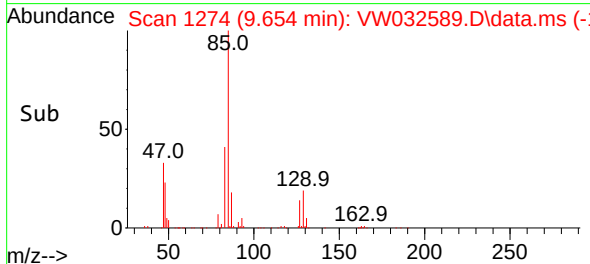
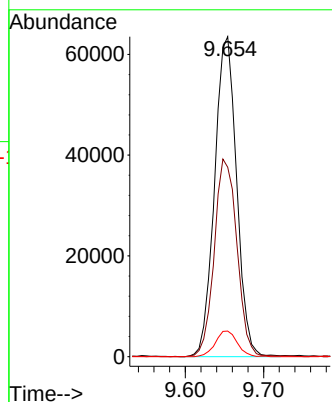
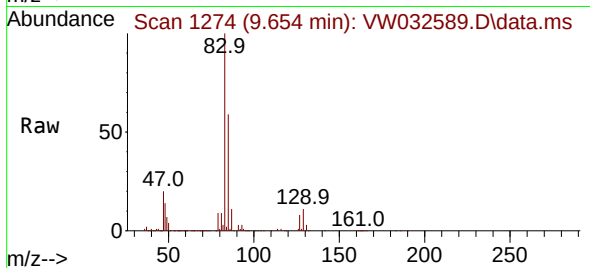




#47
Bromodichloromethane
Concen: 19.818 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

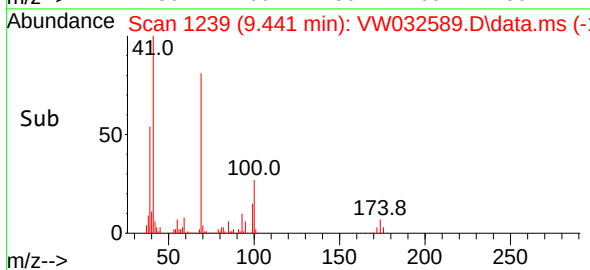
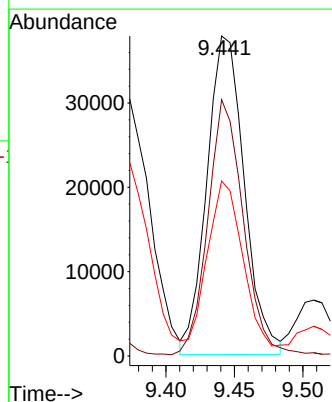
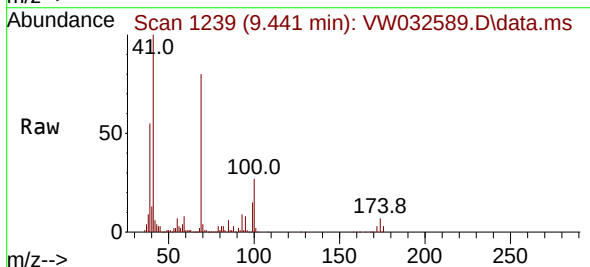
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

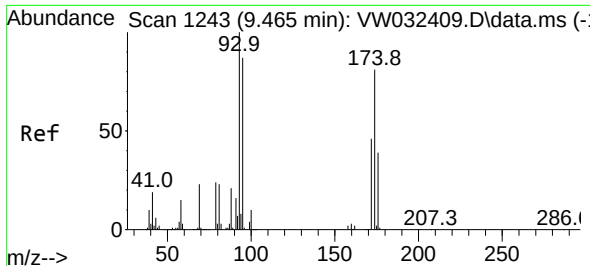
Tgt Ion: 83 Resp: 124388
Ion Ratio Lower Upper
83 100
85 59.2 50.8 76.2
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 22.713 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 41 Resp: 71851
Ion Ratio Lower Upper
41 100
69 75.8 62.1 93.1
39 47.6 39.1 58.7

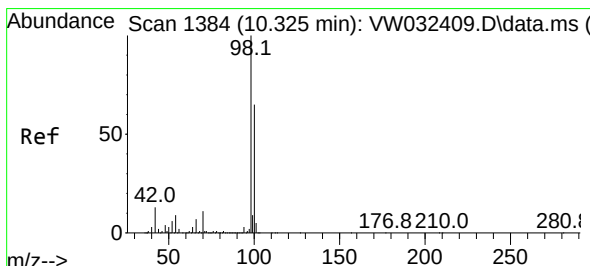
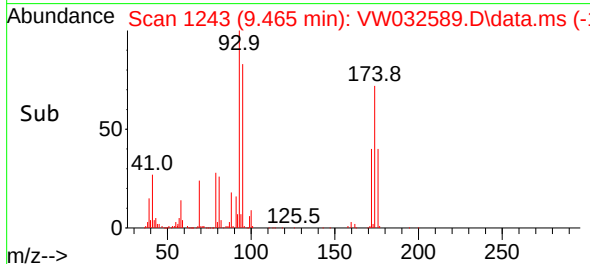
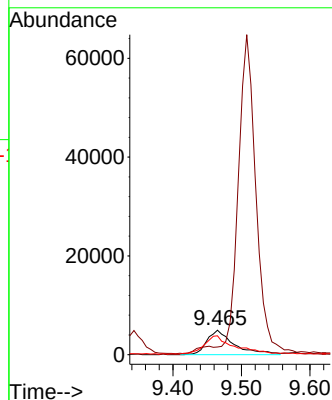
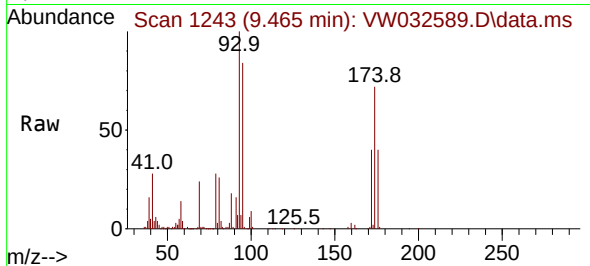




#49
1,4-Dioxane
Concen: 427.000 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

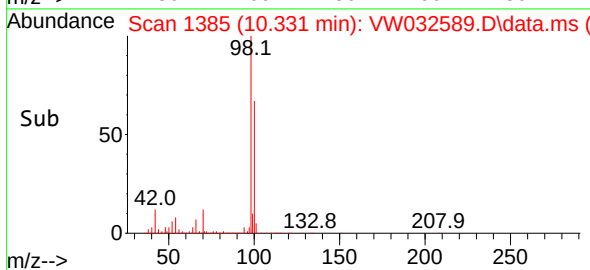
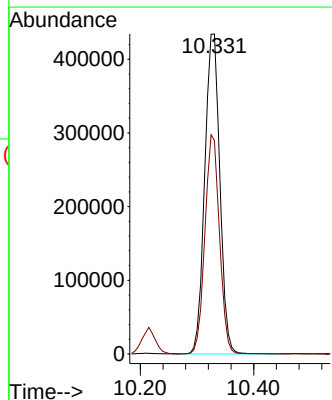
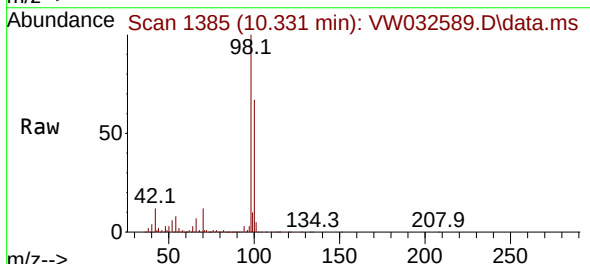
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

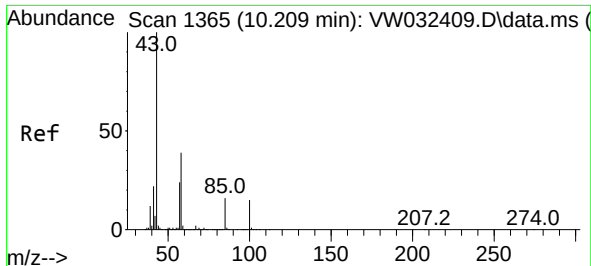
Tgt Ion: 88 Resp: 13663
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 86.6 65.2 97.8



#50
Toluene-d8
Concen: 55.672 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 98 Resp: 803497
Ion Ratio Lower Upper
98 100
100 66.1 54.7 82.1

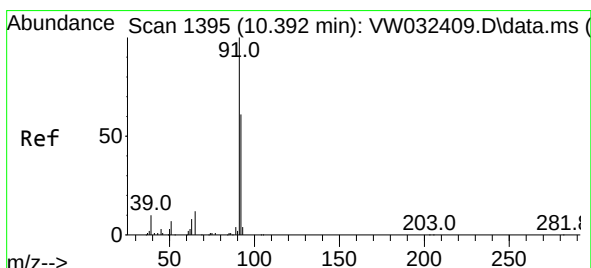
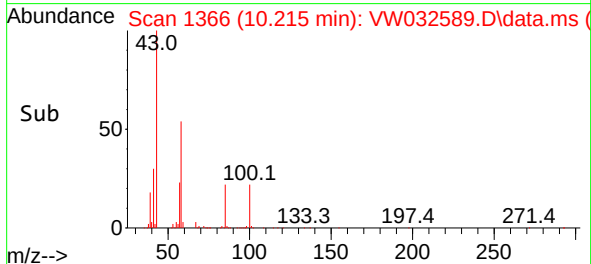
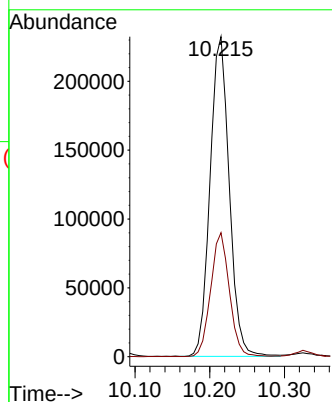
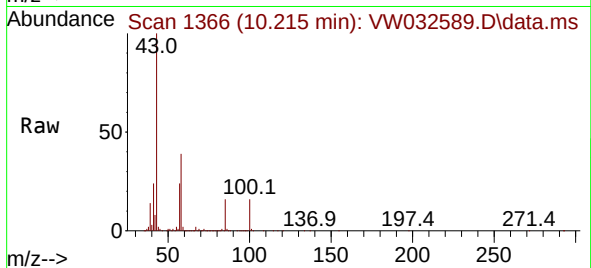




#51
4-Methyl-2-Pentanone
Concen: 107.747 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

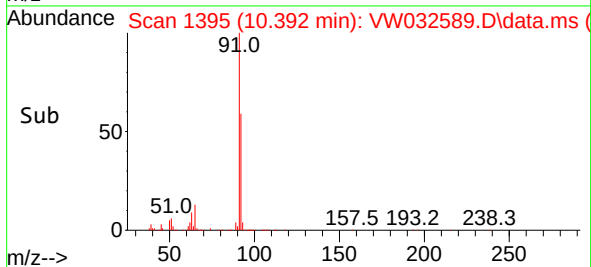
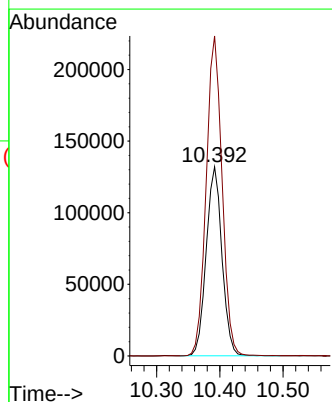
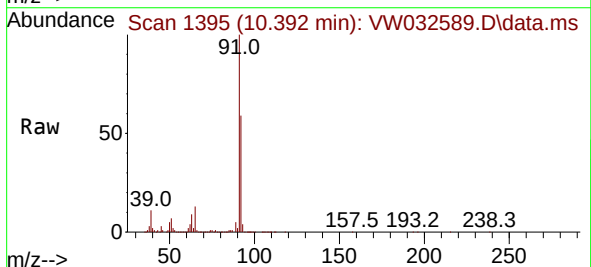
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

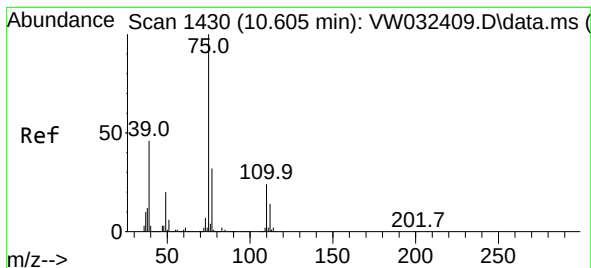
Tgt Ion: 43 Resp: 414901
Ion Ratio Lower Upper
43 100
58 37.7 30.5 45.7



#52
Toluene
Concen: 20.388 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 92 Resp: 229035
Ion Ratio Lower Upper
92 100
91 170.1 138.6 207.8

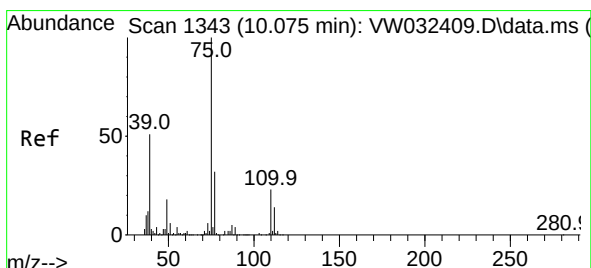
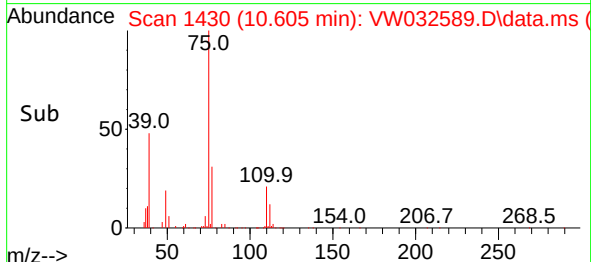
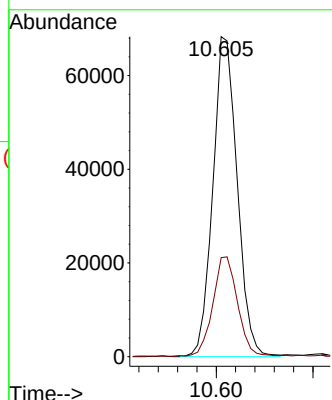
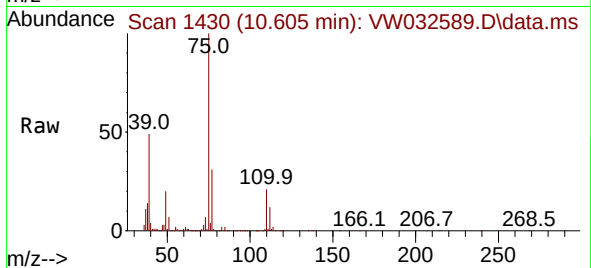




#53
t-1,3-Dichloropropene
Concen: 19.839 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

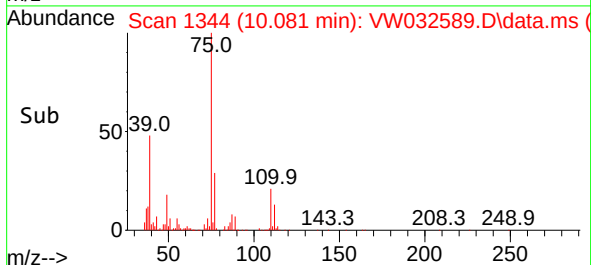
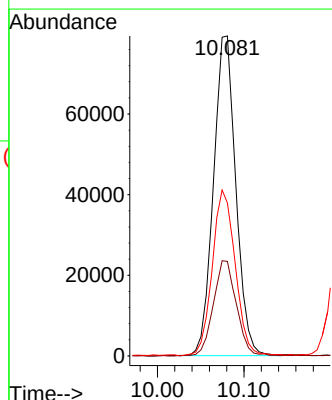
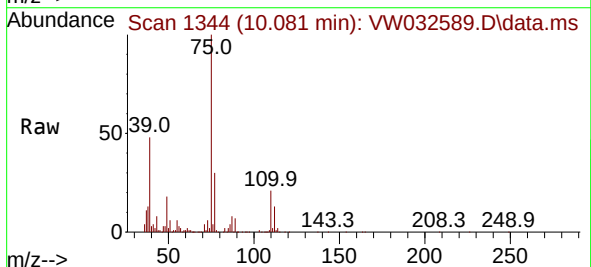
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

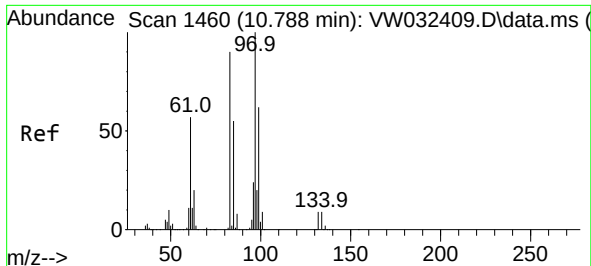
Tgt Ion: 75 Resp: 119454
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.141 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 75 Resp: 142317
Ion Ratio Lower Upper
75 100
77 29.4 26.5 39.7
39 47.9 42.9 64.3





#55

1,1,2-Trichloroethane

Concen: 20.298 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1208SBSD01

Tgt Ion: 97 Resp: 72800

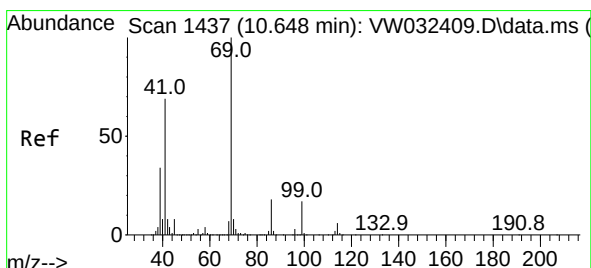
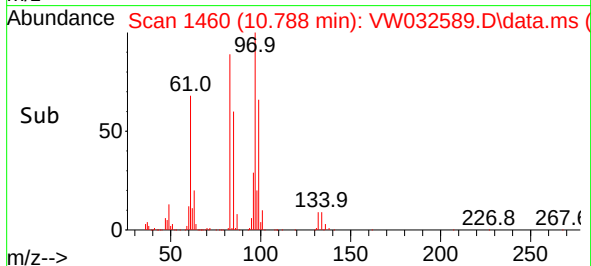
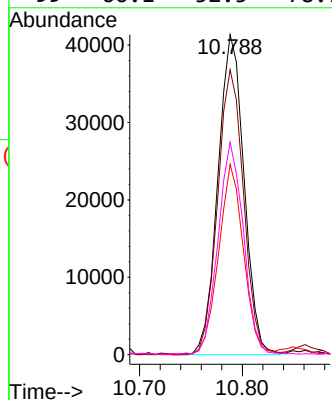
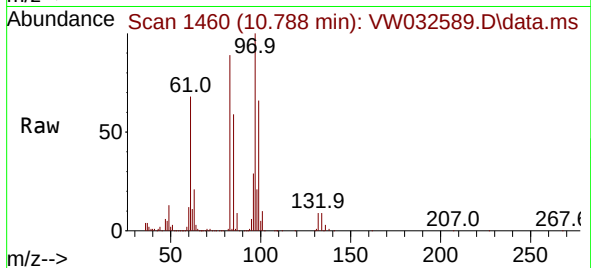
Ion Ratio Lower Upper

97 100

83 89.1 76.3 114.5

85 59.1 46.1 69.1

99 66.1 52.5 78.7



#56

Ethyl methacrylate

Concen: 19.993 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

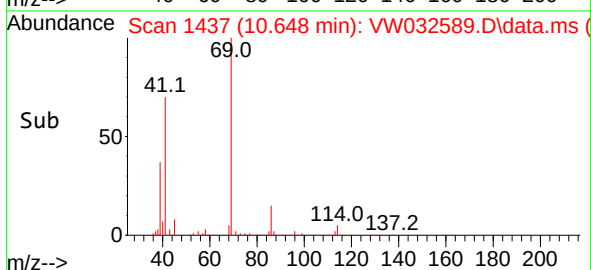
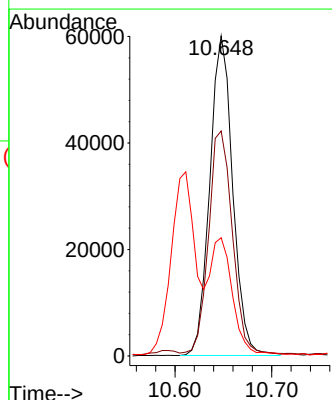
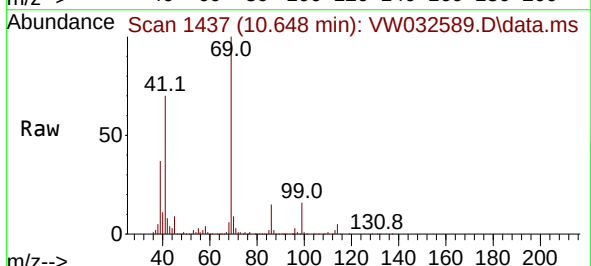
Tgt Ion: 69 Resp: 99167

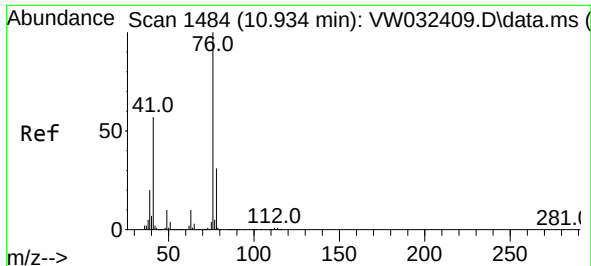
Ion Ratio Lower Upper

69 100

41 73.2 56.2 84.4

39 35.7 26.9 40.3

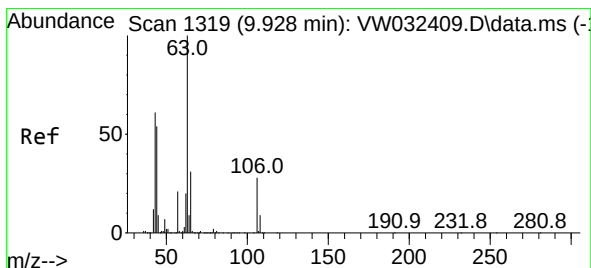
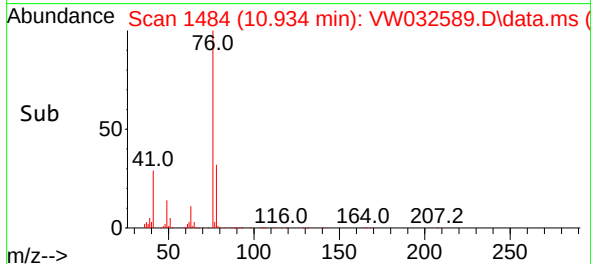
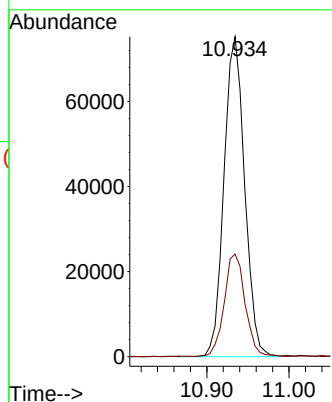
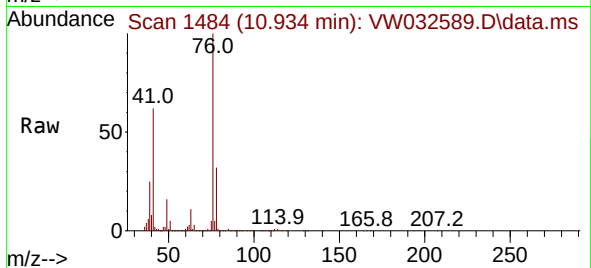




#57
1,3-Dichloropropane
Concen: 20.556 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

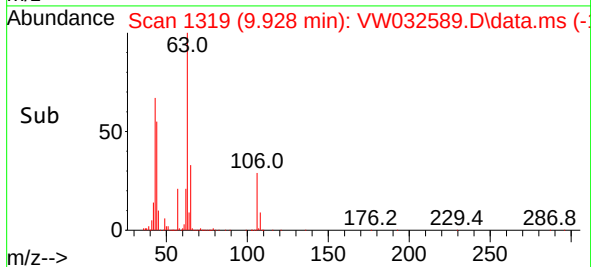
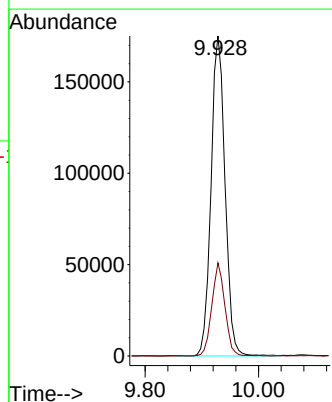
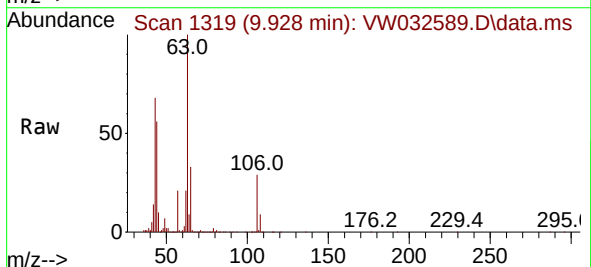
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

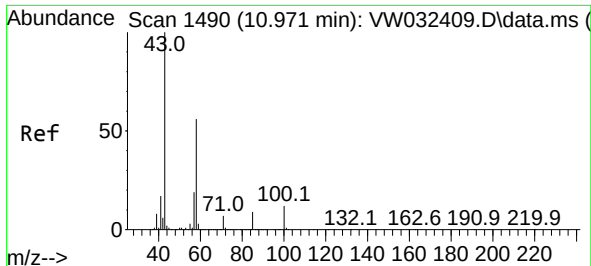
Tgt Ion: 76 Resp: 131580
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 115.815 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 63 Resp: 300993
Ion Ratio Lower Upper
63 100
106 27.1 21.5 32.3

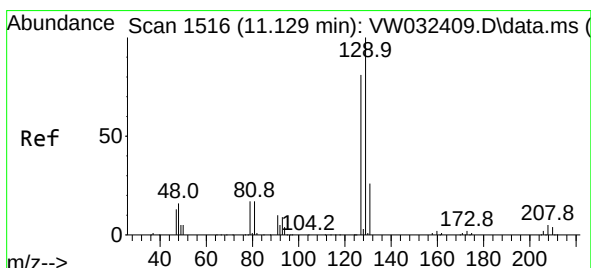
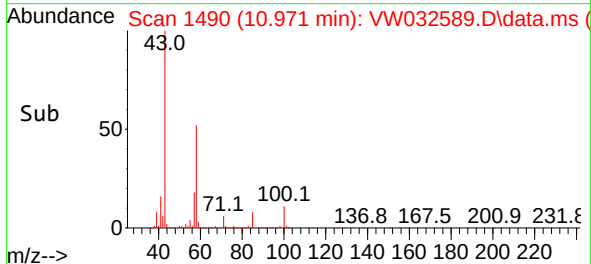
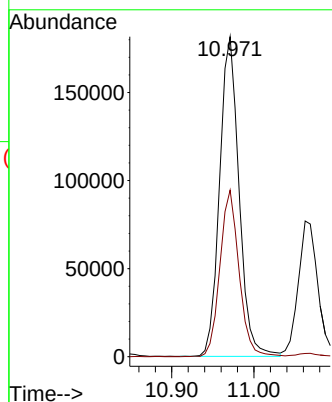
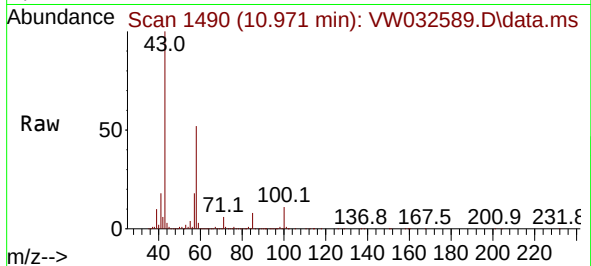




#59
2-Hexanone
Concen: 108.775 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

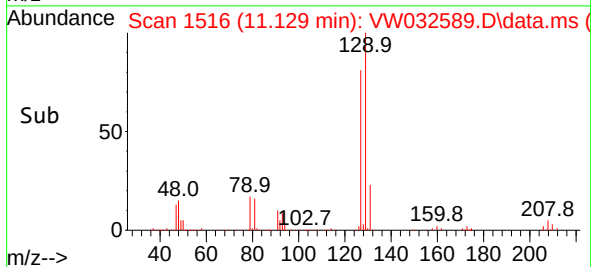
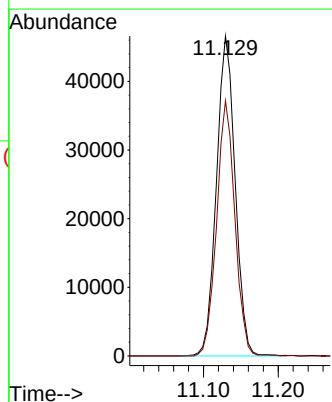
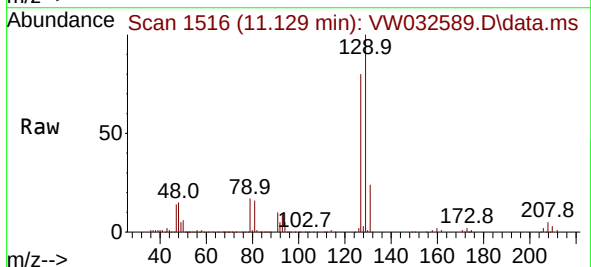
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

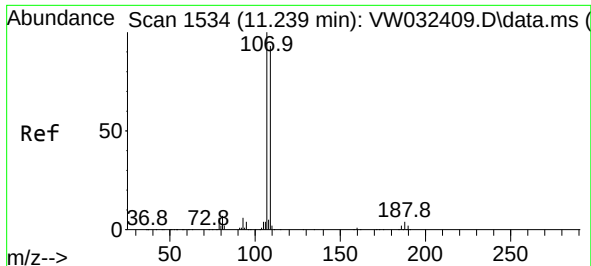
Tgt Ion: 43 Resp: 298300
Ion Ratio Lower Upper
43 100
58 51.3 26.2 78.6



#60
Dibromochloromethane
Concen: 20.219 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 129 Resp: 81277
Ion Ratio Lower Upper
129 100
127 78.0 40.9 122.8

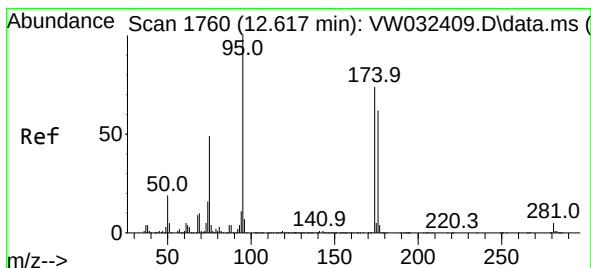
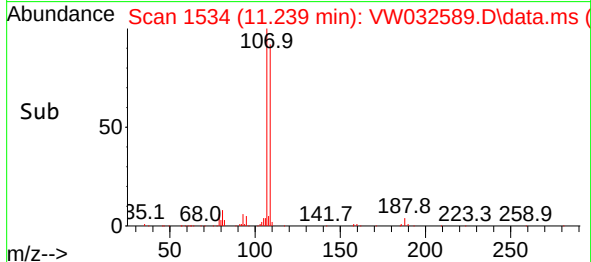
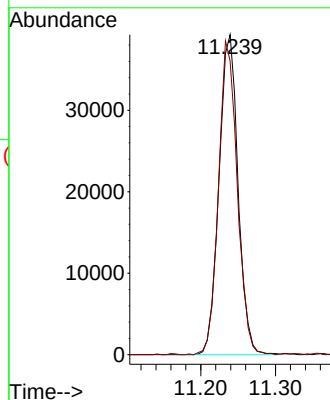
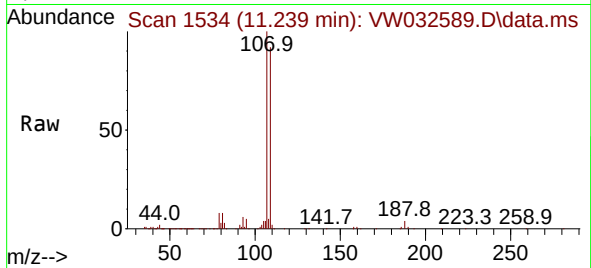




#61
1,2-Dibromoethane
Concen: 20.405 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

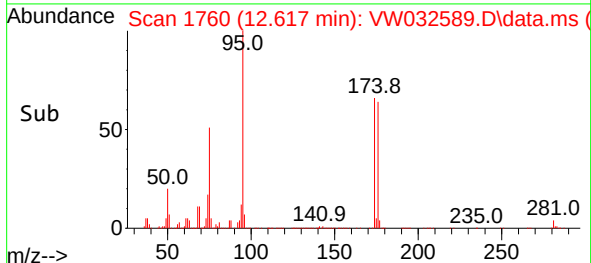
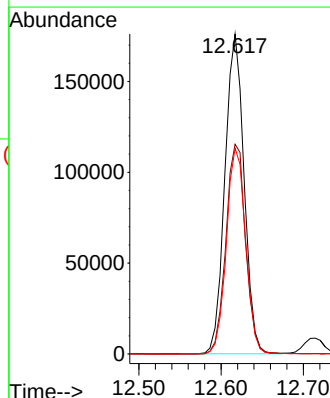
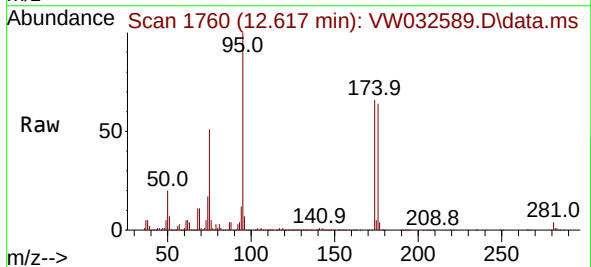
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

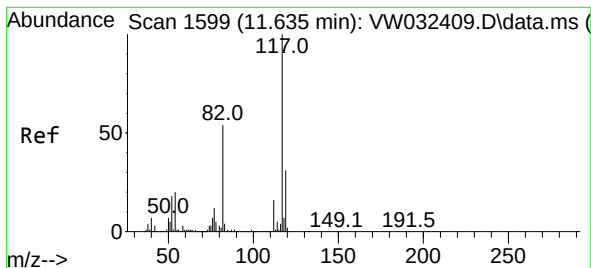
Tgt Ion:107 Resp: 69602
Ion Ratio Lower Upper
107 100
109 96.4 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 53.358 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 95 Resp: 284520
Ion Ratio Lower Upper
95 100
174 67.4 0.0 141.2
176 64.8 0.0 130.8

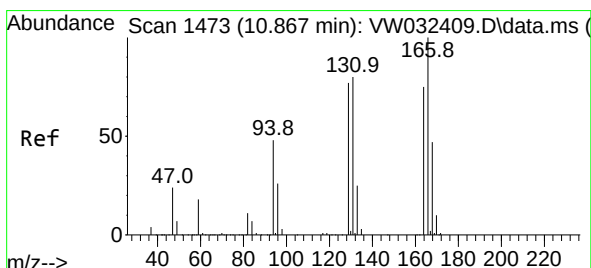
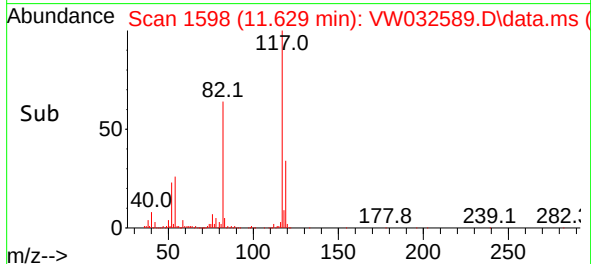
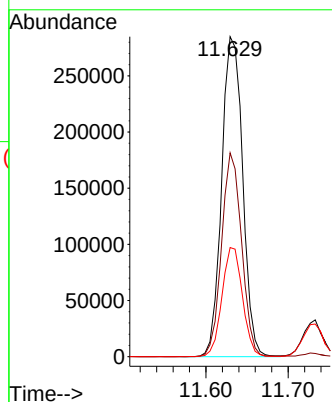
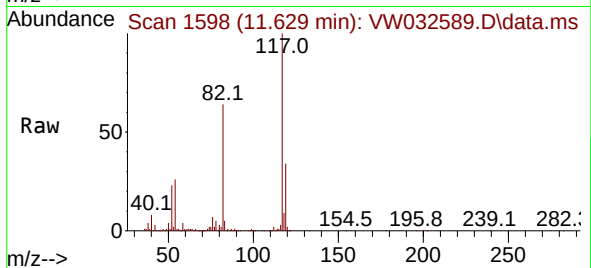




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

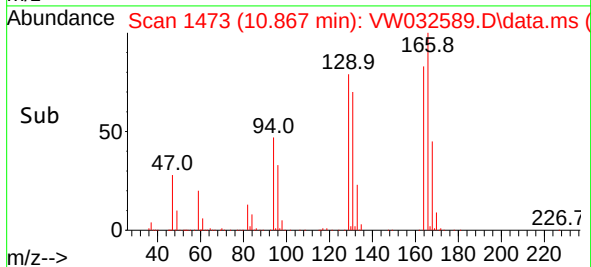
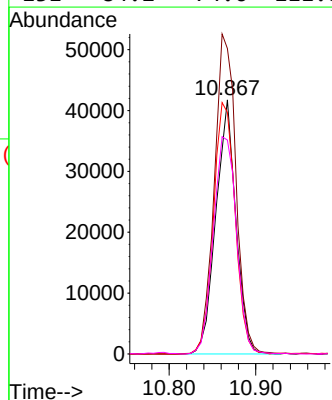
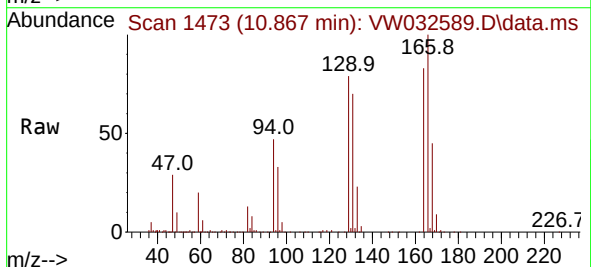
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

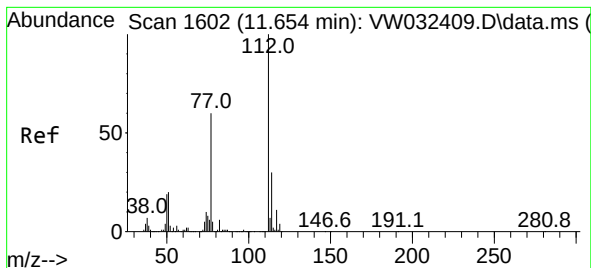
Tgt Ion:117 Resp: 505370
Ion Ratio Lower Upper
117 100
82 63.7 45.9 68.9
119 34.1 26.3 39.5



#64
Tetrachloroethene
Concen: 19.889 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion:164 Resp: 67041
Ion Ratio Lower Upper
164 100
166 120.3 97.3 145.9
129 95.1 75.7 113.5
131 84.2 74.6 111.8





#65

Chlorobenzene

Concen: 20.327 ug/l

RT: 11.660 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

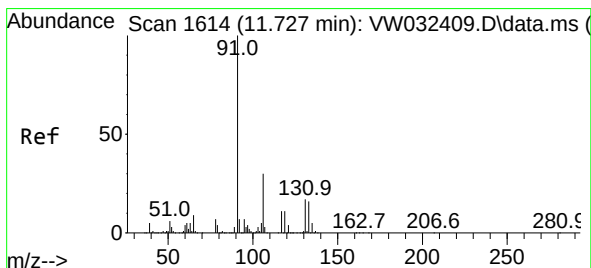
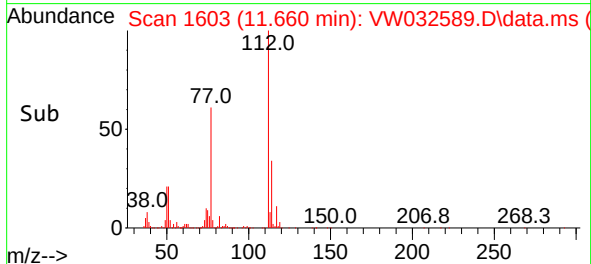
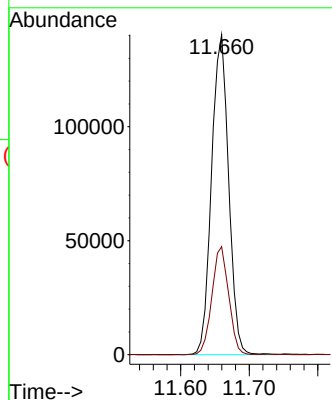
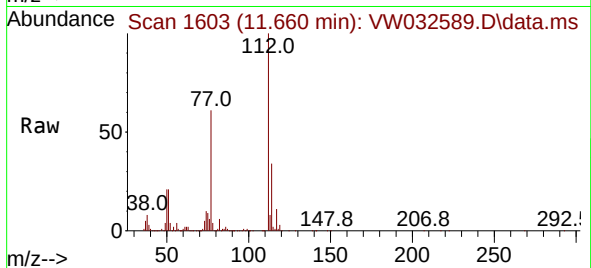
VW1208SBSD01

Tgt Ion:112 Resp: 242734

Ion Ratio Lower Upper

112 100

114 33.7 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.379 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

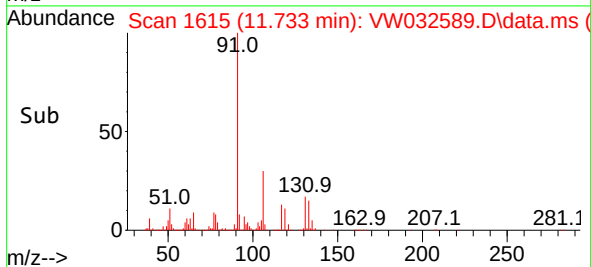
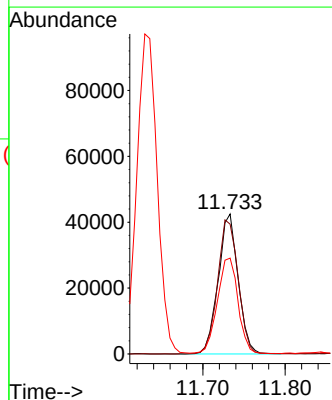
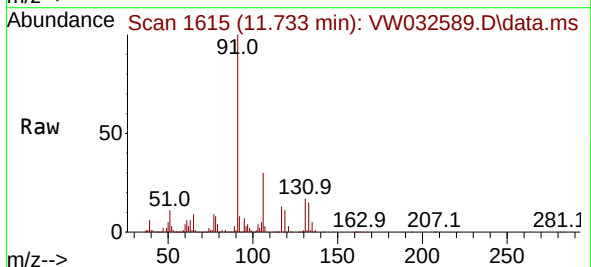
Tgt Ion:131 Resp: 71572

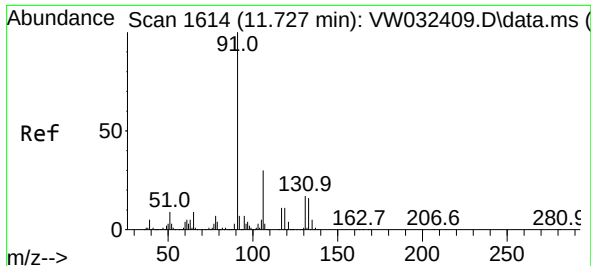
Ion Ratio Lower Upper

131 100

133 99.1 47.4 142.3

119 70.9 32.2 96.6





#67

Ethyl Benzene

Concen: 20.414 ug/l

RT: 11.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

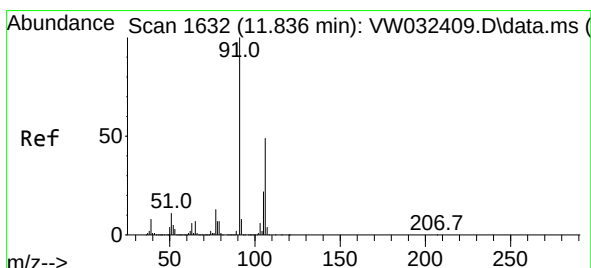
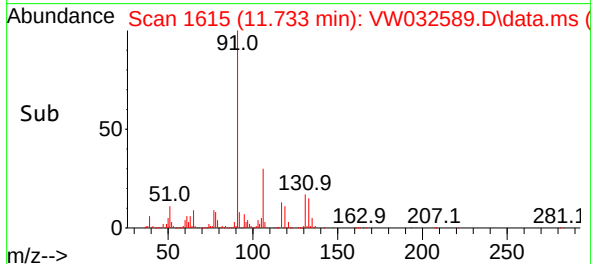
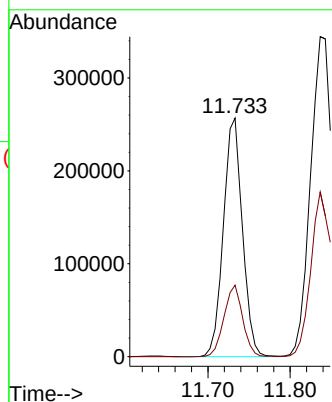
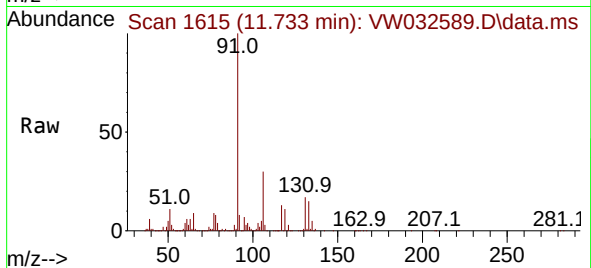
VW1208SBSD01

Tgt Ion: 91 Resp: 413754

Ion Ratio Lower Upper

91 100

106 30.0 23.0 34.6



#68

m/p-Xylenes

Concen: 41.395 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032589.D

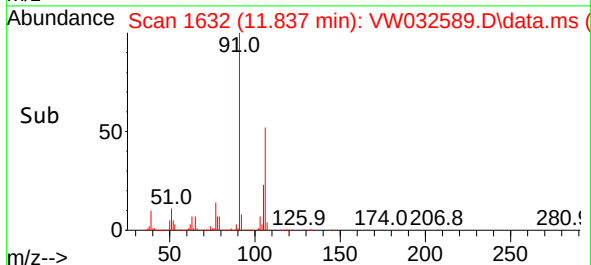
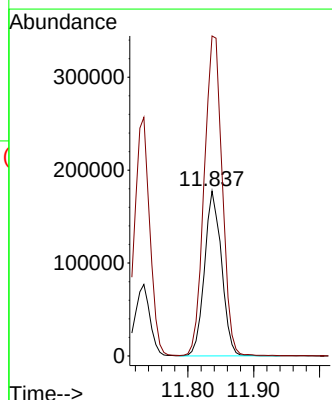
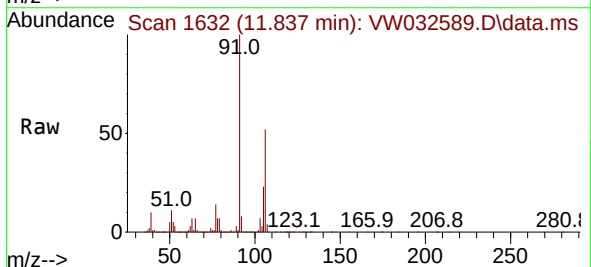
Acq: 08 Dec 2025 12:39

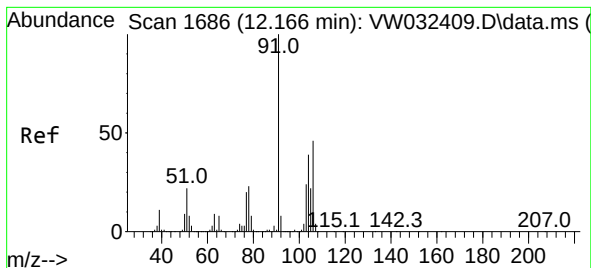
Tgt Ion:106 Resp: 318989

Ion Ratio Lower Upper

106 100

91 205.7 163.3 244.9

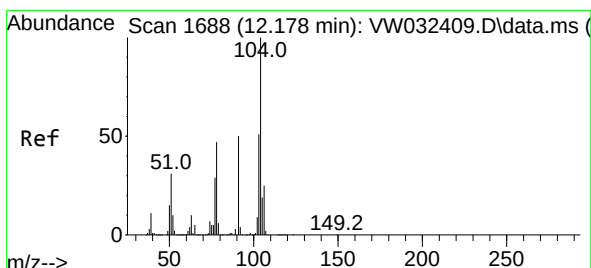
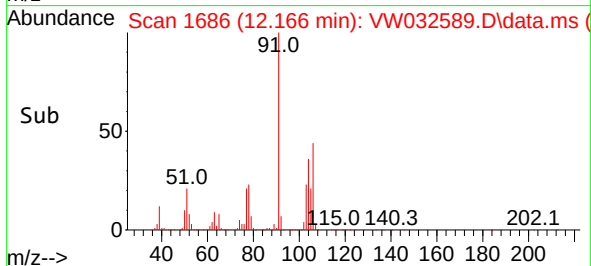
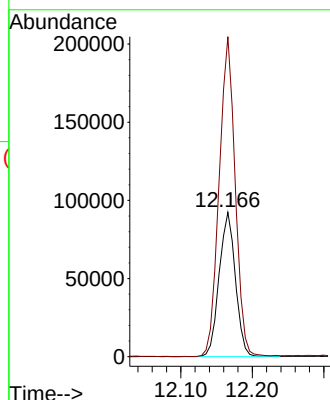
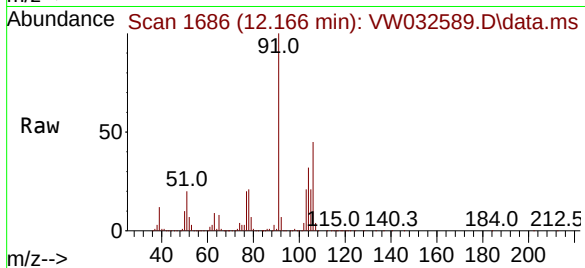




#69
o-Xylene
Concen: 20.718 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

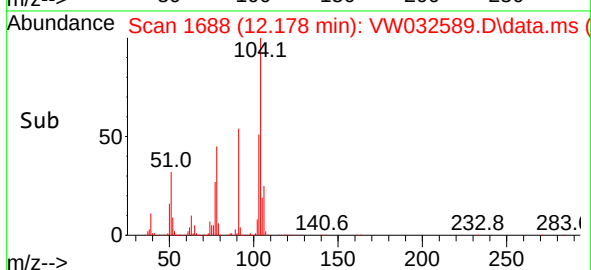
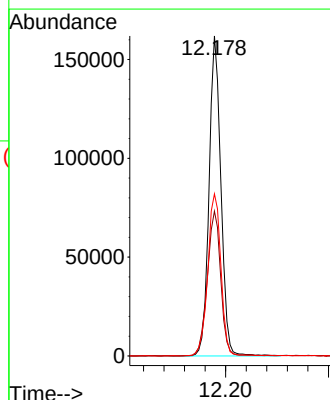
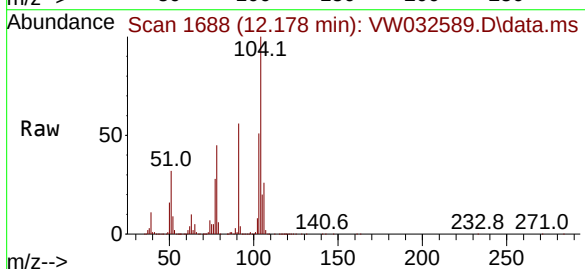
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

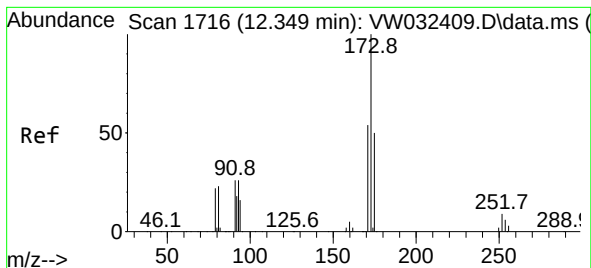
Tgt Ion:106 Resp: 146211
Ion Ratio Lower Upper
106 100
91 218.5 104.1 312.3



#70
Styrene
Concen: 20.895 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion:104 Resp: 258657
Ion Ratio Lower Upper
104 100
78 51.4 40.8 61.2
103 56.3 43.3 64.9





#71

Bromoform

Concen: 20.841 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1208SBSD01

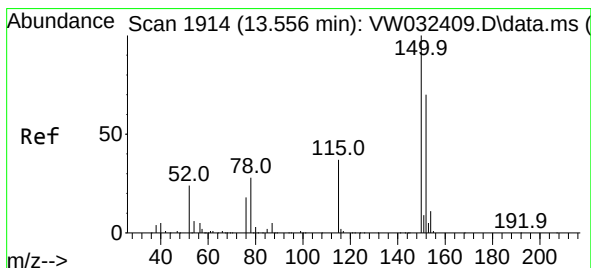
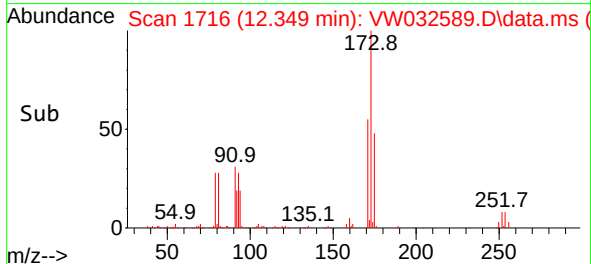
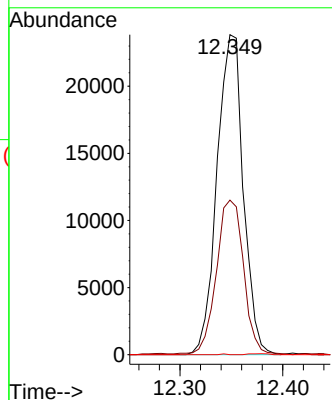
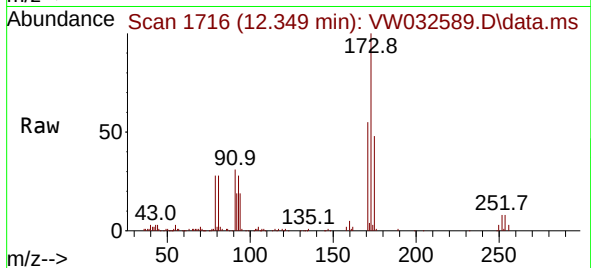
Tgt Ion:173 Resp: 42328

Ion Ratio Lower Upper

173 100

175 50.1 24.6 74.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

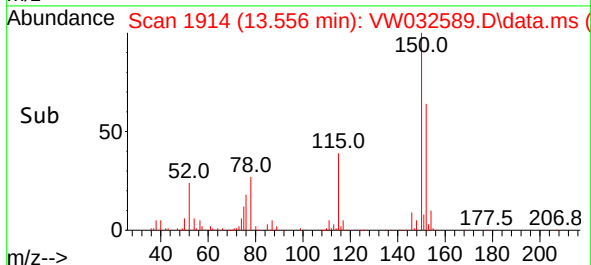
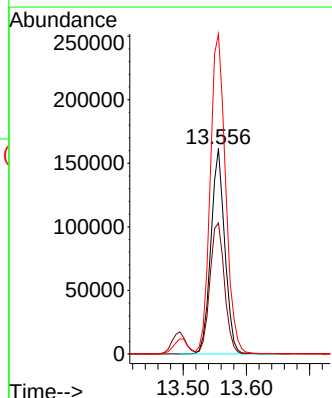
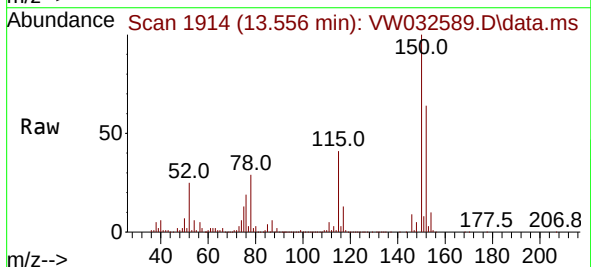
Tgt Ion:152 Resp: 246600

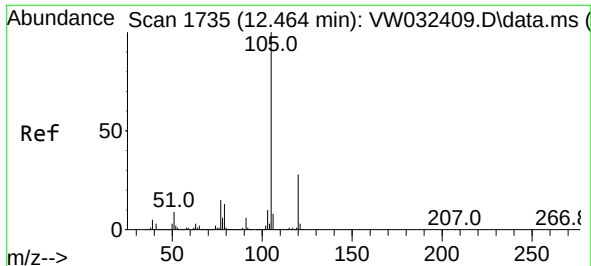
Ion Ratio Lower Upper

152 100

115 67.0 31.1 93.3

150 171.4 0.0 351.2

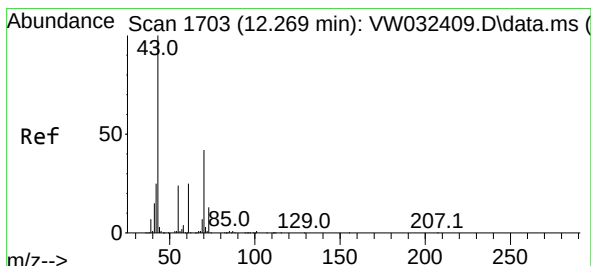
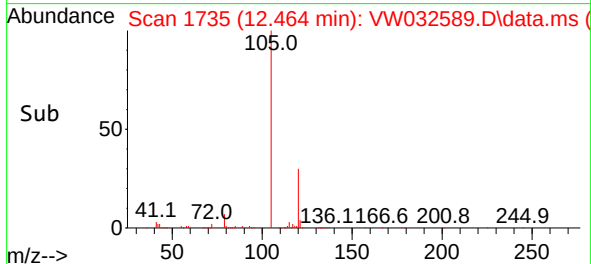
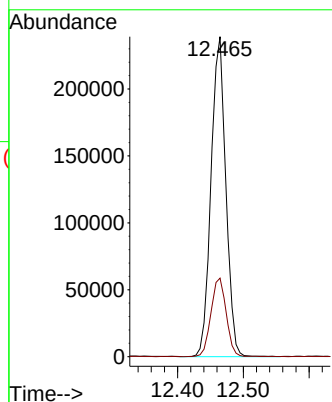
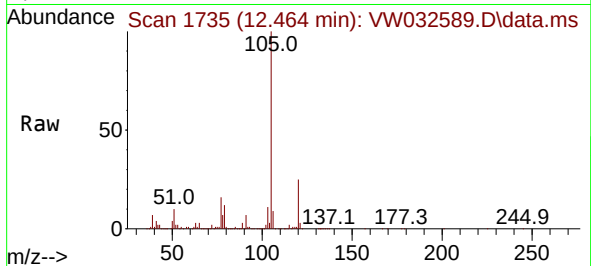




#73
Isopropylbenzene
Concen: 20.438 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

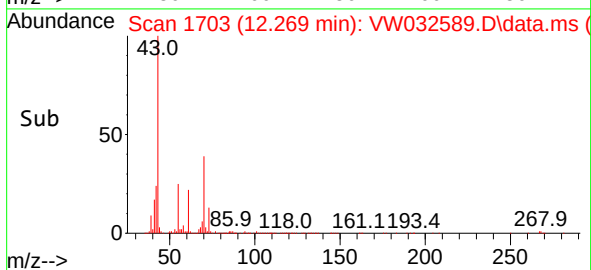
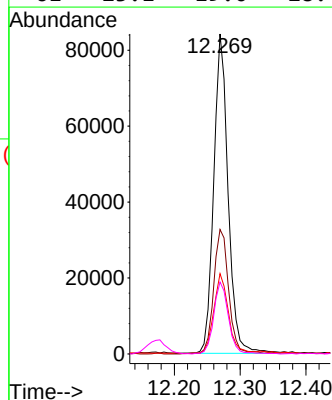
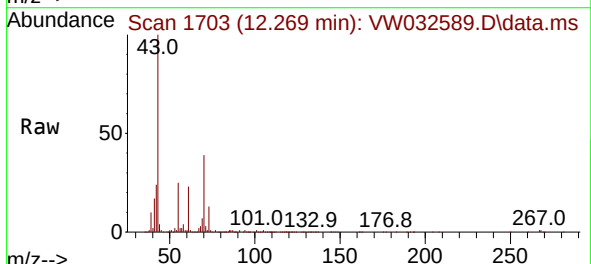
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

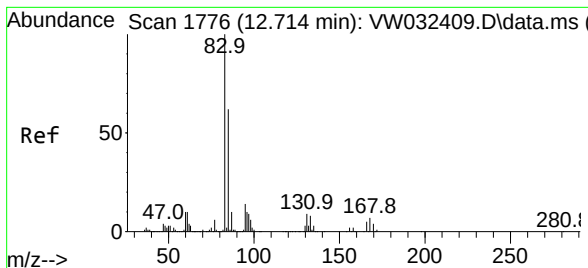
Tgt Ion:105 Resp: 373868
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4



#74
N-ethyl acetate
Concen: 21.129 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 43 Resp: 127945
Ion Ratio Lower Upper
43 100
70 40.0 32.6 48.8
55 25.6 19.7 29.5
61 23.1 19.0 28.4

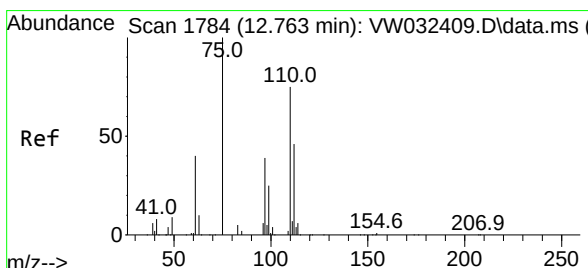
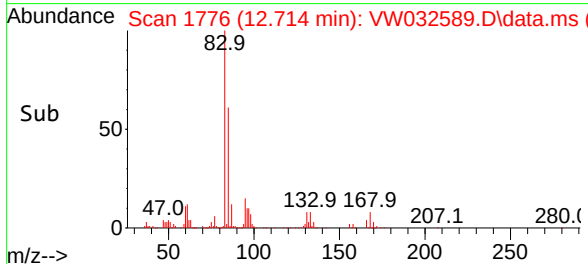
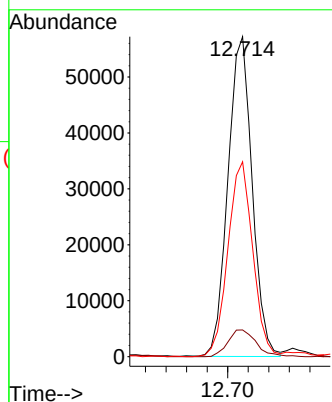
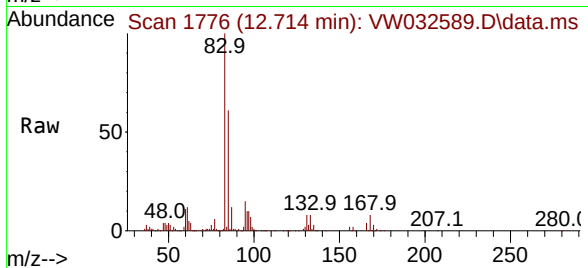




#75
1,1,2,2-Tetrachloroethane
Concen: 21.803 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

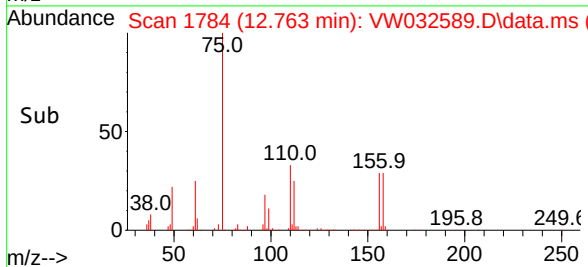
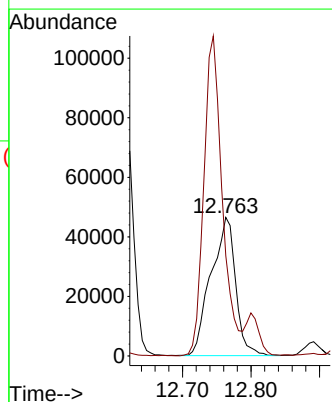
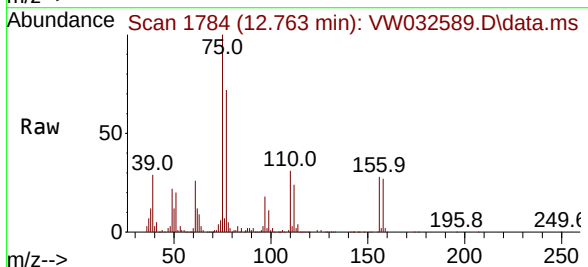
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

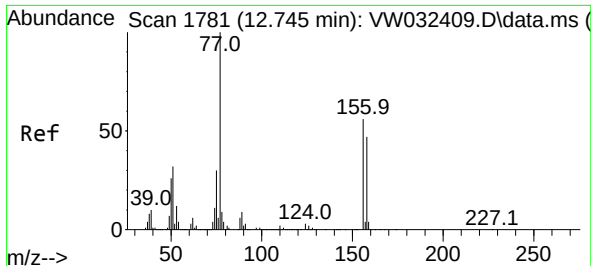
Tgt Ion: 83 Resp: 93888
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 62.4 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 34.806 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 75 Resp: 116145
Ion Ratio Lower Upper
75 100
77 174.7 148.2 444.4

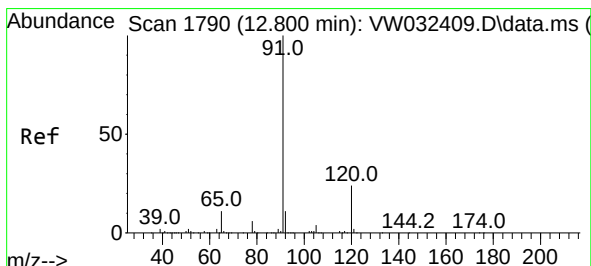
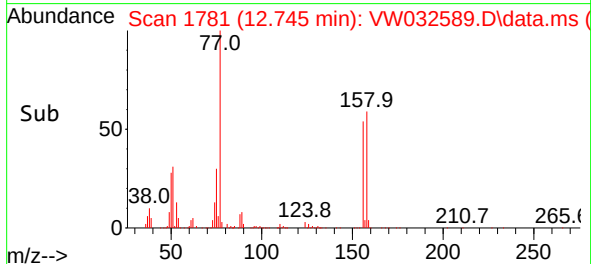
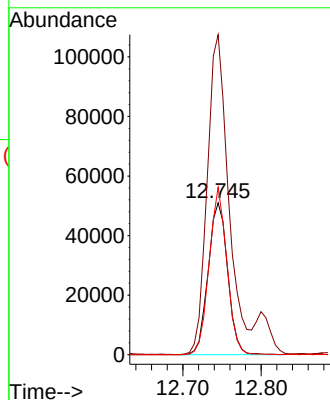
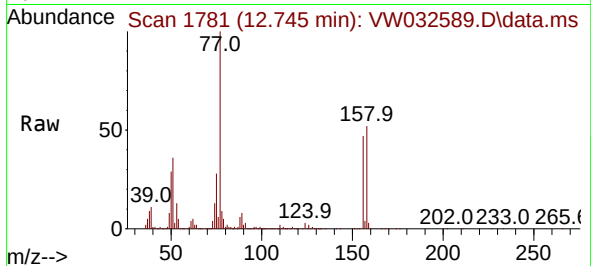




#77
Bromobenzene
Concen: 20.358 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

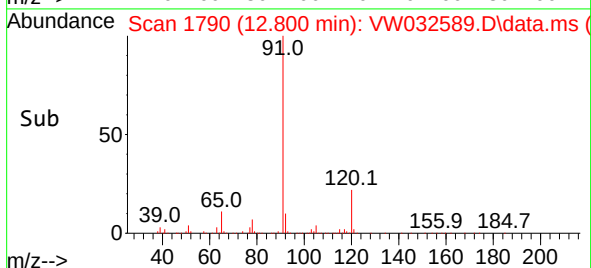
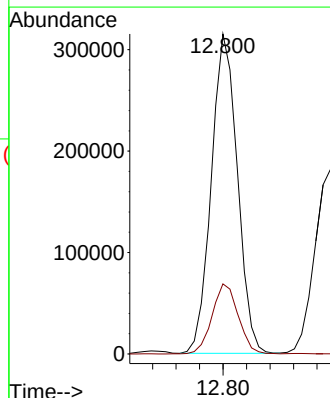
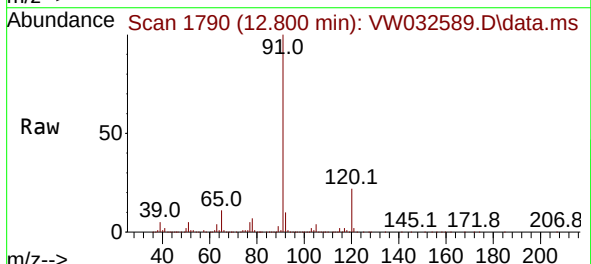
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

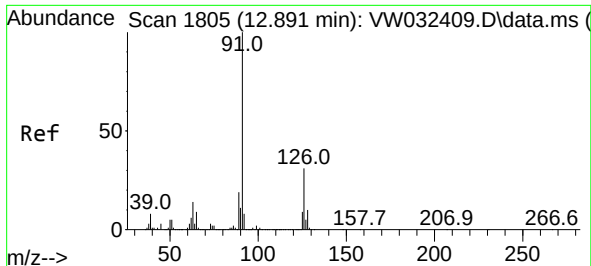
Tgt Ion:156 Resp: 88031
Ion Ratio Lower Upper
156 100
77 230.5 115.9 347.7
158 100.9 50.7 152.1



#78
n-propylbenzene
Concen: 20.808 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 91 Resp: 485607
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4

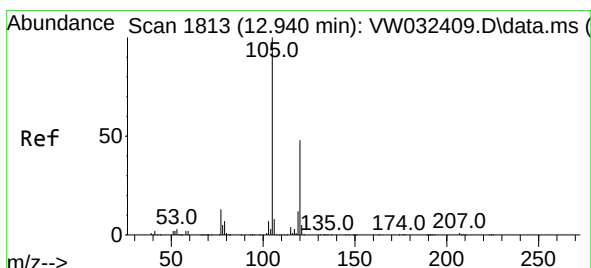
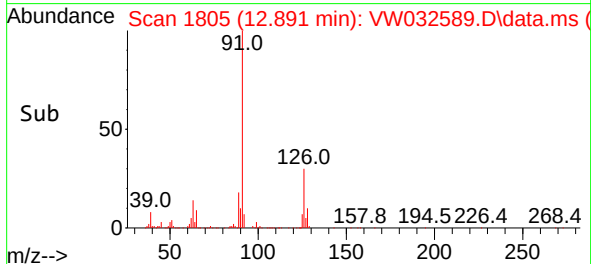
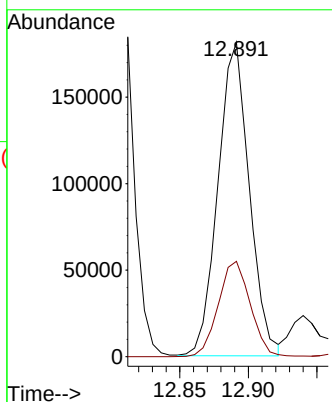
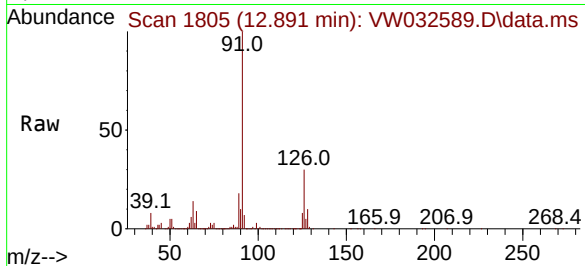




#79
2-Chlorotoluene
Concen: 20.694 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

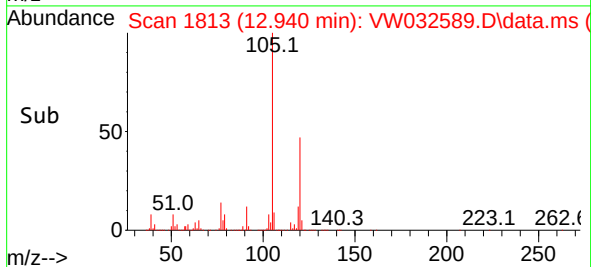
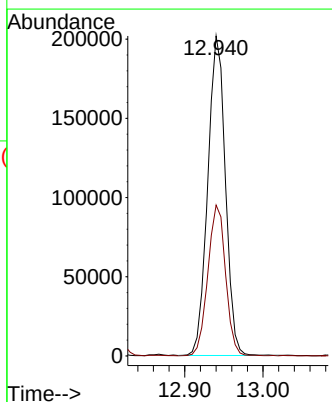
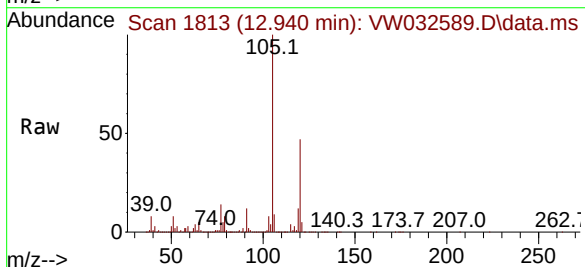
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

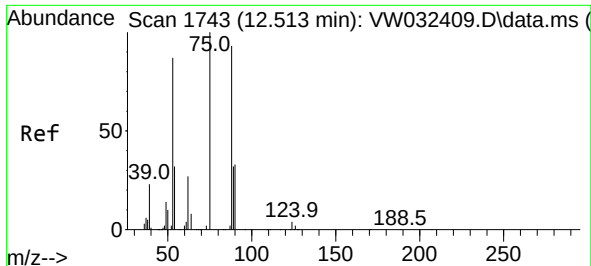
Tgt Ion: 91 Resp: 287956
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 20.175 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 105 Resp: 314899
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.4

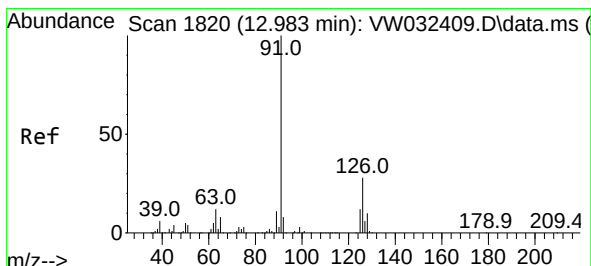
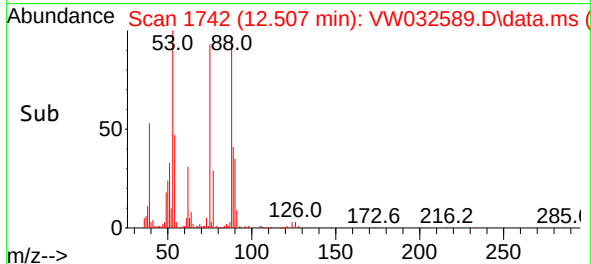
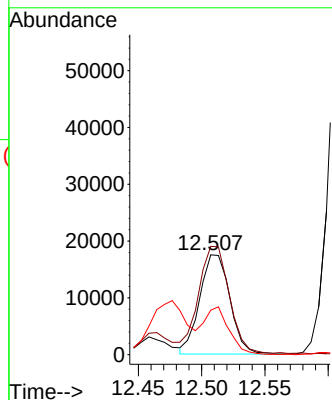
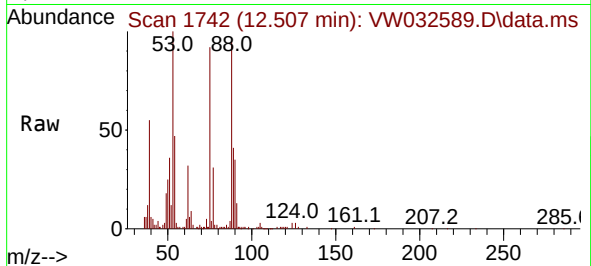




#81
trans-1,4-Dichloro-2-butene
Concen: 20.468 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

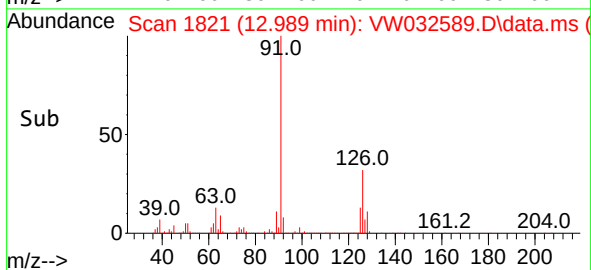
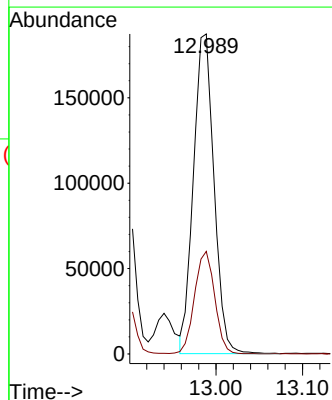
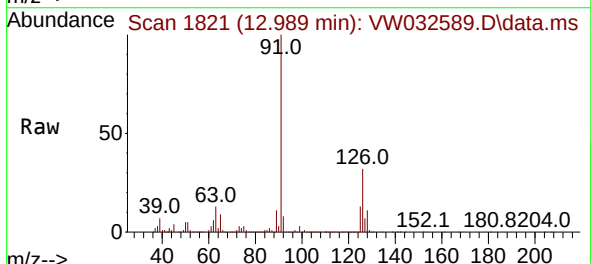
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

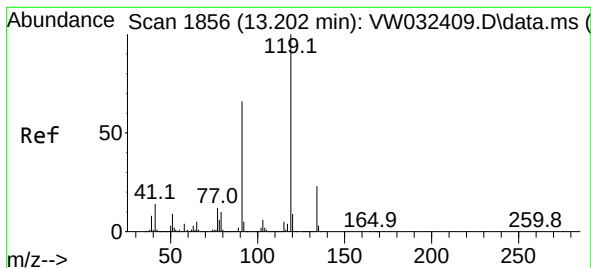
Tgt Ion: 75 Resp: 29039
Ion Ratio Lower Upper
75 100
53 112.3 80.8 121.2
89 40.3 31.4 47.2



#82
4-Chlorotoluene
Concen: 20.716 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 91 Resp: 308279
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7

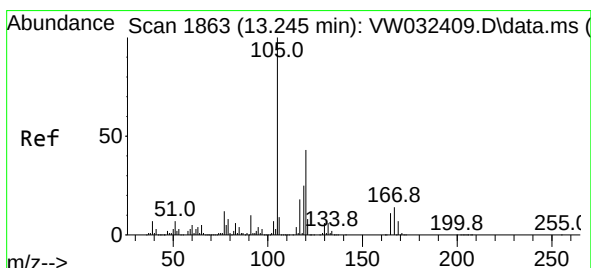
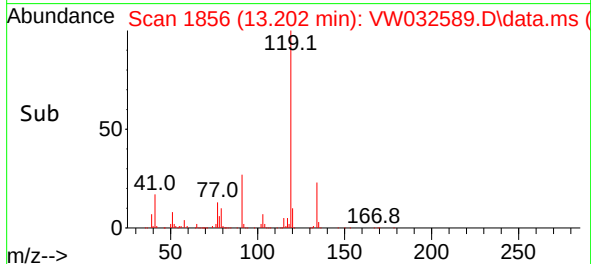
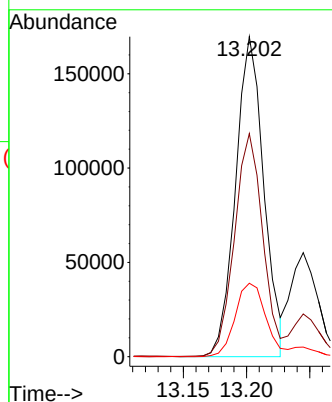
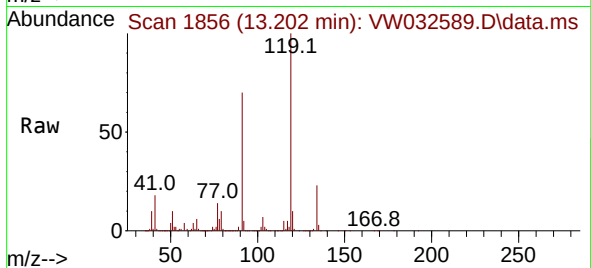




#83
 tert-Butylbenzene
 Concen: 20.511 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

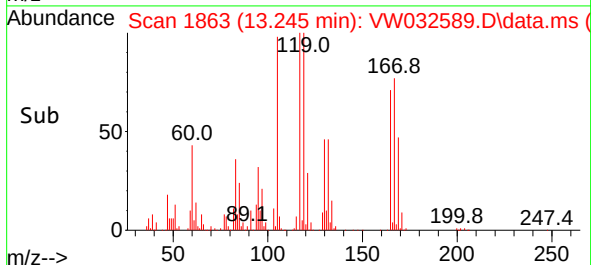
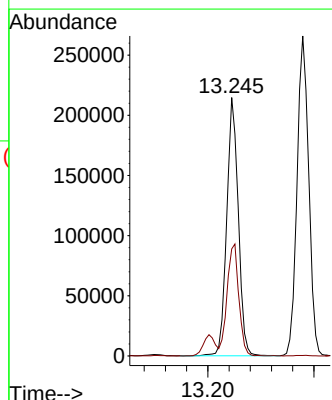
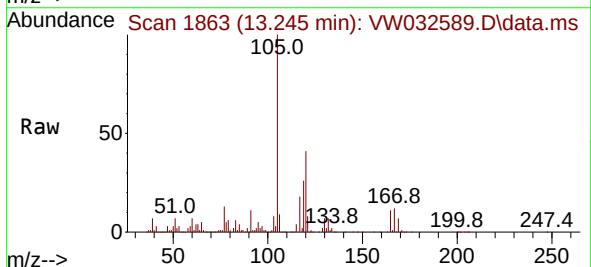
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1208SBSD01

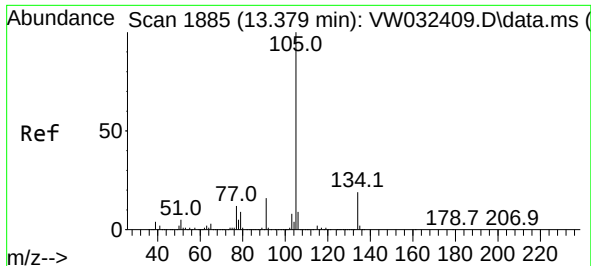
Tgt Ion:119 Resp: 264049
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.6 103.9
 134 25.0 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.815 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

Tgt Ion:105 Resp: 324543
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.7 68.1

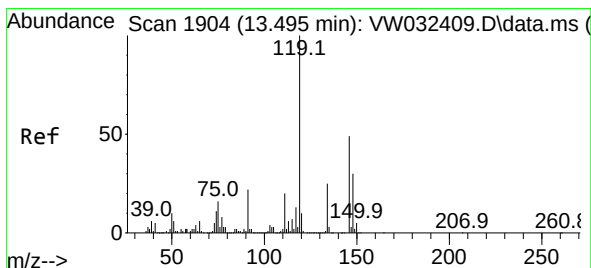
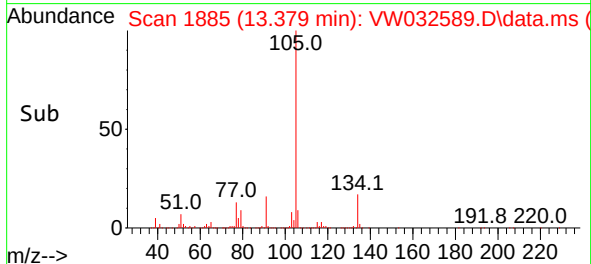
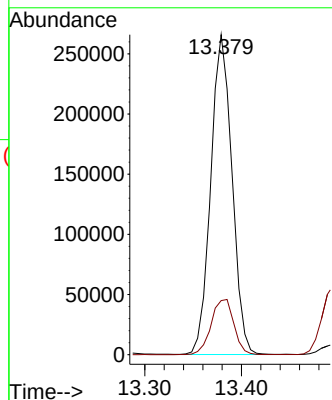
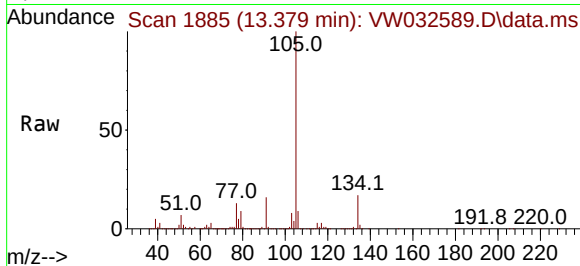




#85
 sec-Butylbenzene
 Concen: 20.438 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

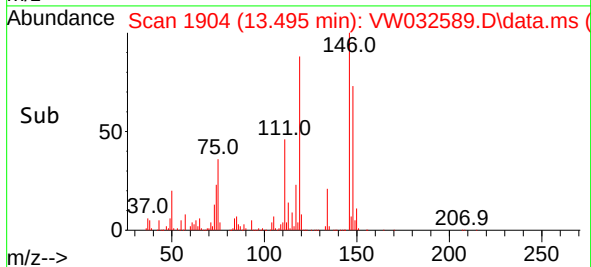
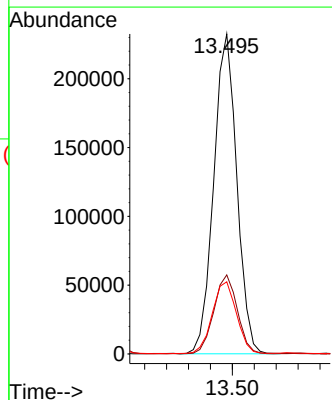
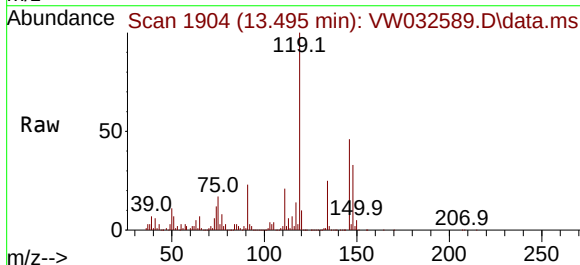
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1208SBSD01

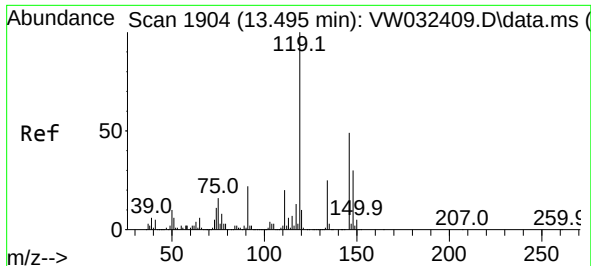
Tgt Ion:105 Resp: 405797
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 20.764 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

Tgt Ion:119 Resp: 339568
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 38.9
 91 23.6 12.3 36.9

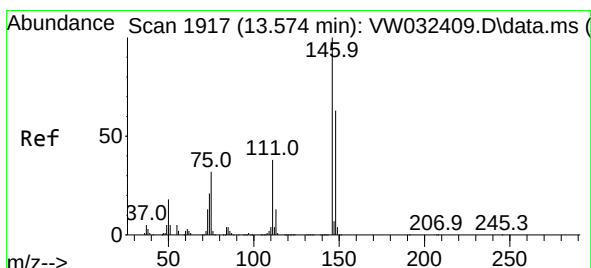
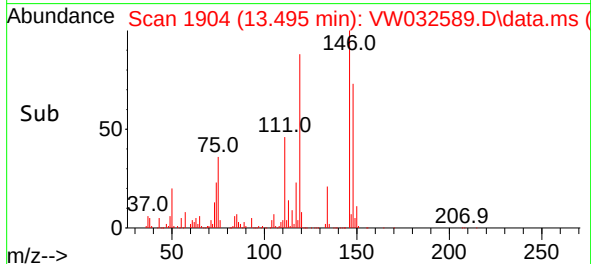
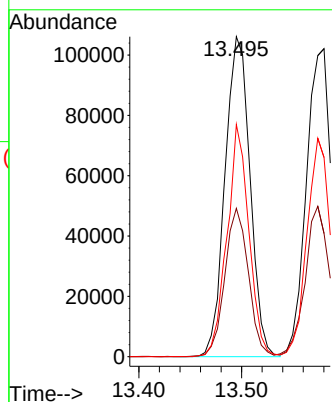
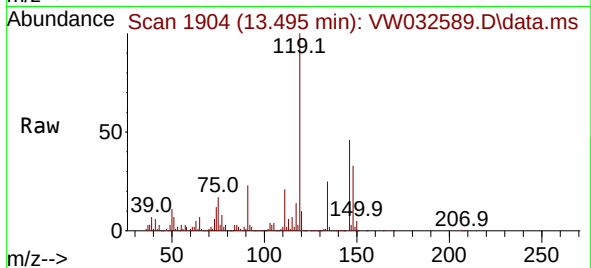




#87
 1,3-Dichlorobenzene
 Concen: 20.279 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

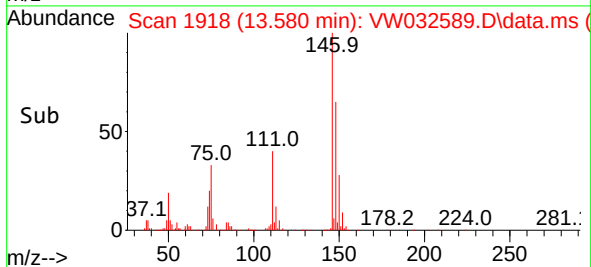
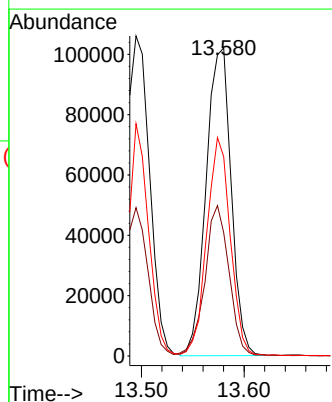
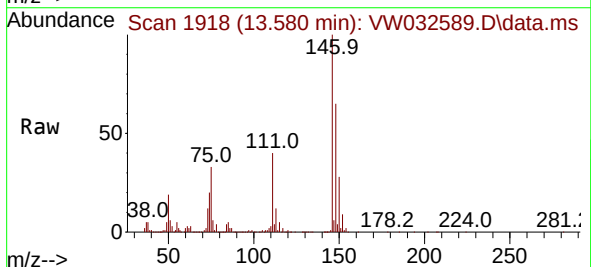
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1208SBSD01

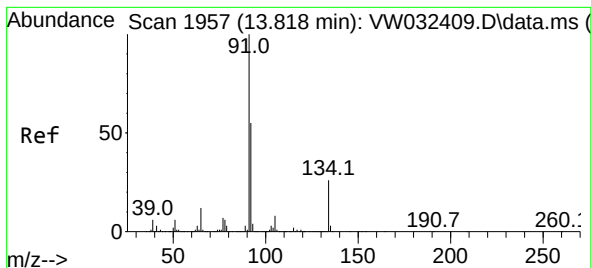
Tgt Ion:146 Resp: 179301
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.6 64.6
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.776 ug/l
 RT: 13.580 min Scan# 1918
 Delta R.T. 0.006 min
 Lab File: VW032589.D
 Acq: 08 Dec 2025 12:39

Tgt Ion:146 Resp: 173553
 Ion Ratio Lower Upper
 146 100
 111 47.0 20.8 62.5
 148 66.5 31.4 94.3





#89

n-Butylbenzene

Concen: 19.841 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1208SBSD01

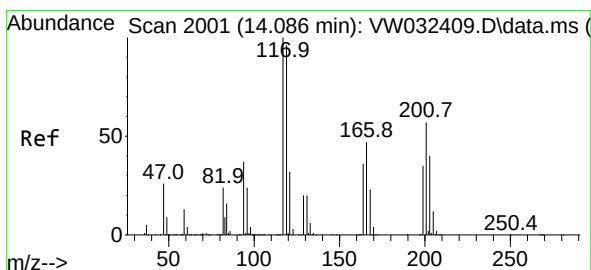
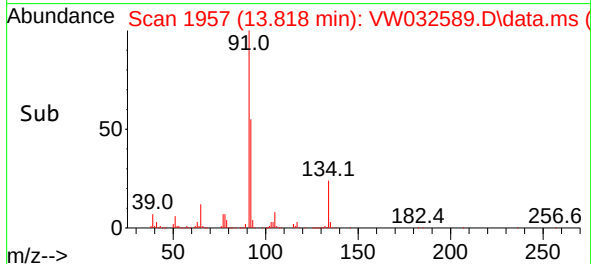
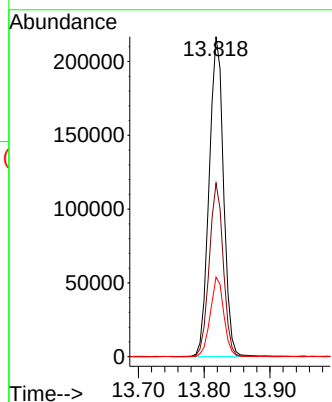
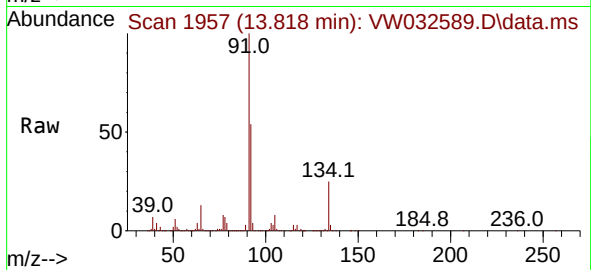
Tgt Ion: 91 Resp: 329511

Ion Ratio Lower Upper

91 100

92 53.0 27.1 81.3

134 23.5 12.4 37.0



#90

Hexachloroethane

Concen: 19.102 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032589.D

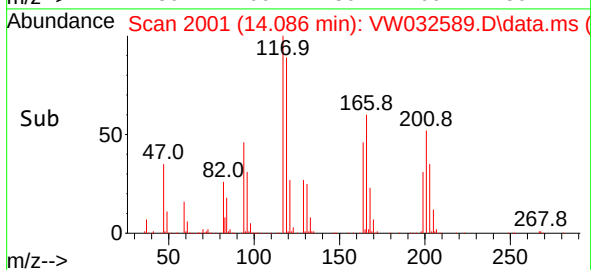
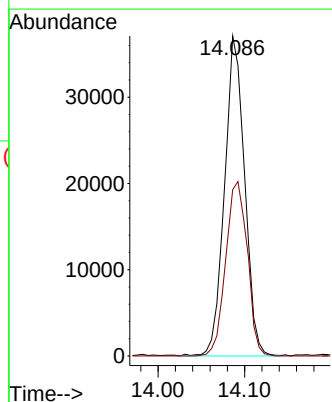
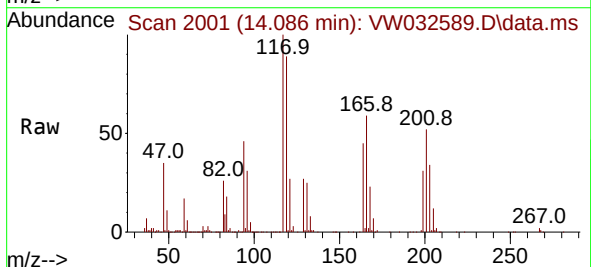
Acq: 08 Dec 2025 12:39

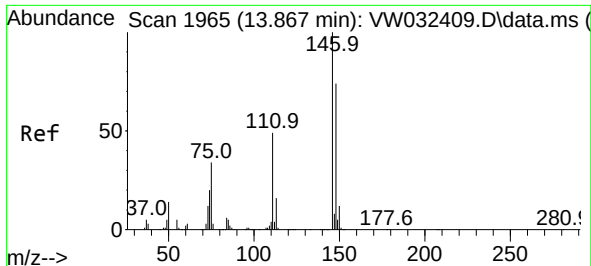
Tgt Ion: 117 Resp: 59831

Ion Ratio Lower Upper

117 100

201 58.5 29.5 88.6

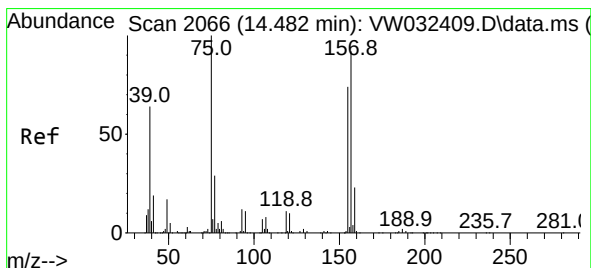
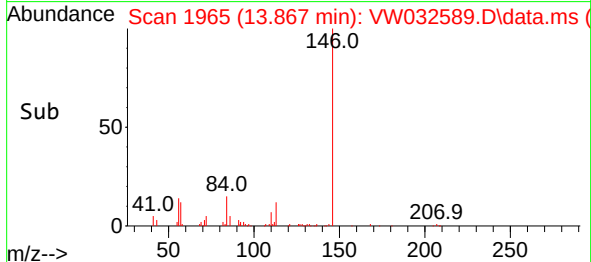
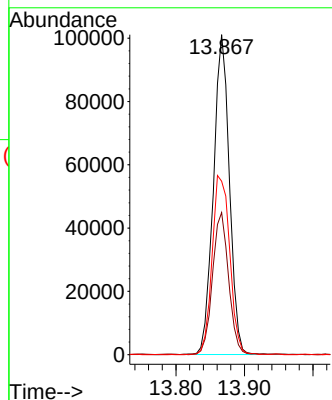
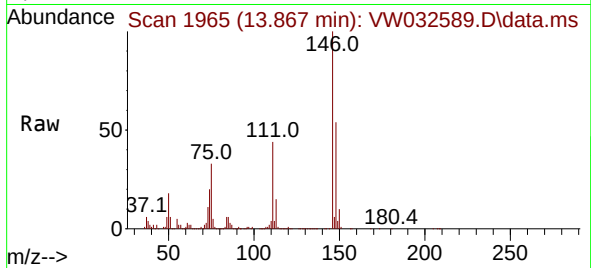




#91
1,2-Dichlorobenzene
Concen: 21.128 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

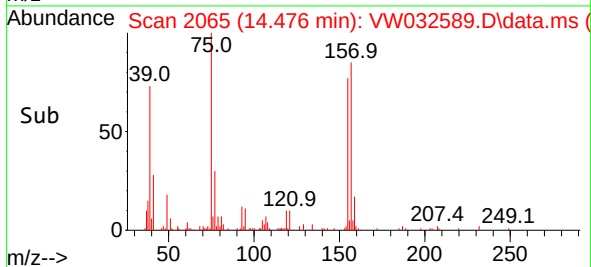
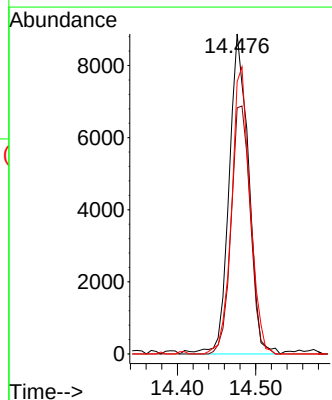
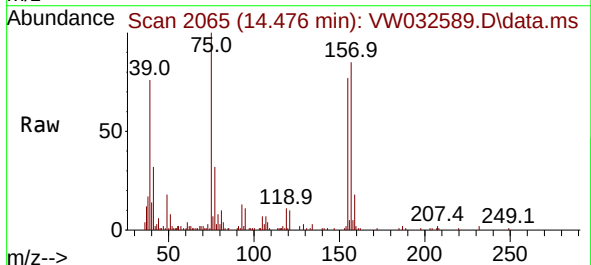
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

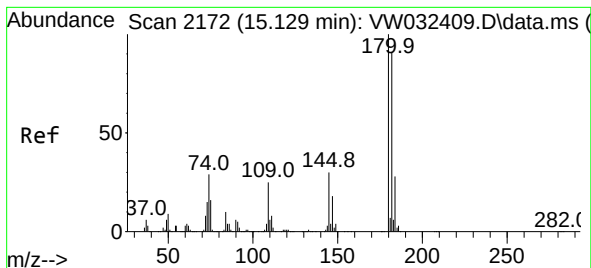
Tgt Ion:146 Resp: 163857
Ion Ratio Lower Upper
146 100
111 45.0 22.8 68.3
148 61.8 32.6 97.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.711 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion: 75 Resp: 15377
Ion Ratio Lower Upper
75 100
155 75.8 34.6 103.9
157 84.5 44.4 133.2

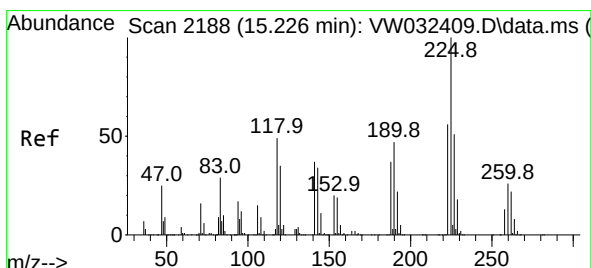
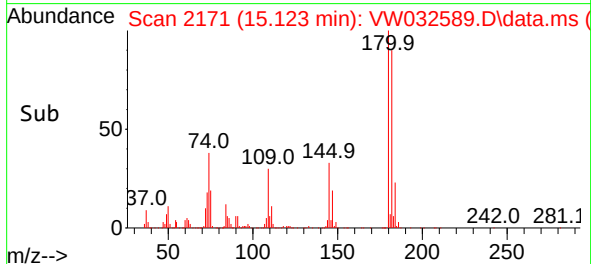
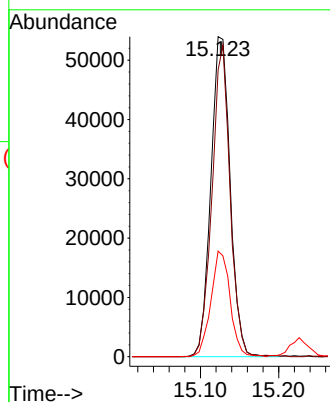
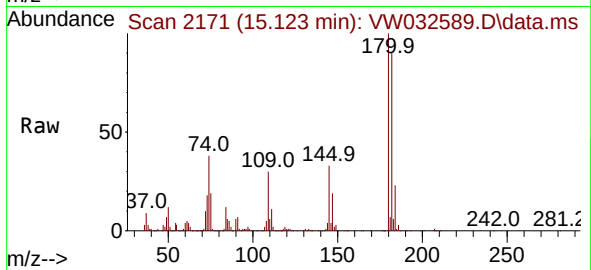




#93
1,2,4-Trichlorobenzene
Concen: 19.573 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

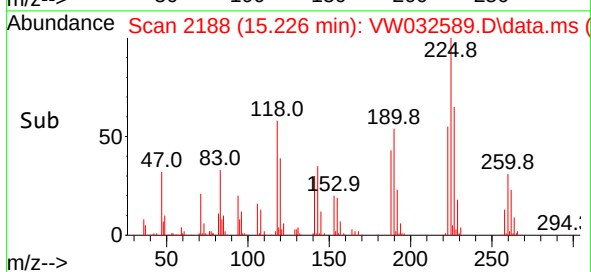
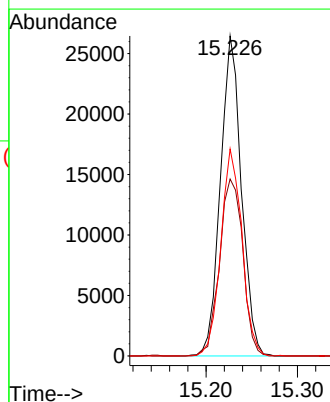
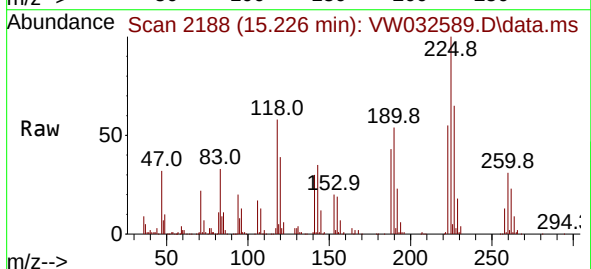
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

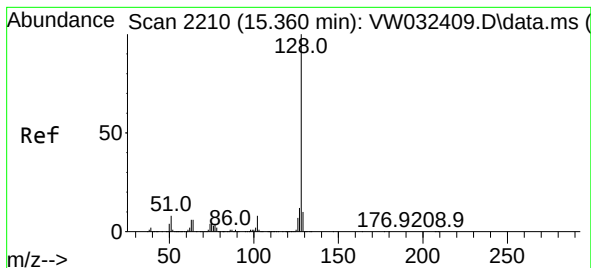
Tgt Ion:180 Resp: 92449
Ion Ratio Lower Upper
180 100
182 90.9 48.1 144.3
145 32.9 17.1 51.3



#94
Hexachlorobutadiene
Concen: 19.473 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.006 min
Lab File: VW032589.D
Acq: 08 Dec 2025 12:39

Tgt Ion:225 Resp: 42338
Ion Ratio Lower Upper
225 100
223 61.2 30.3 91.0
227 65.1 30.7 92.1





#95

Naphthalene

Concen: 18.520 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1208SBSD01

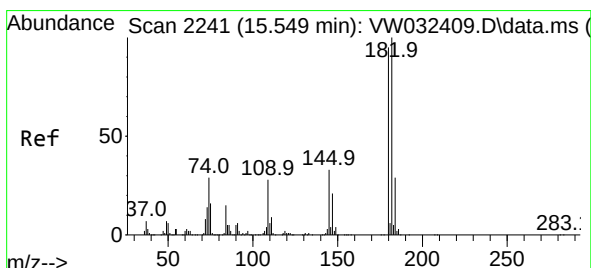
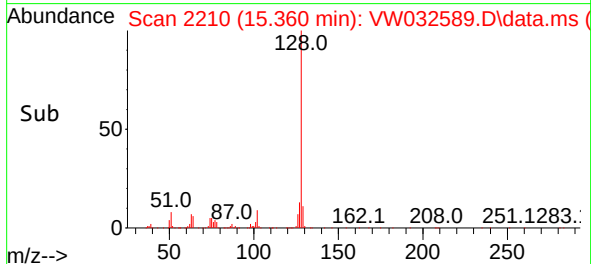
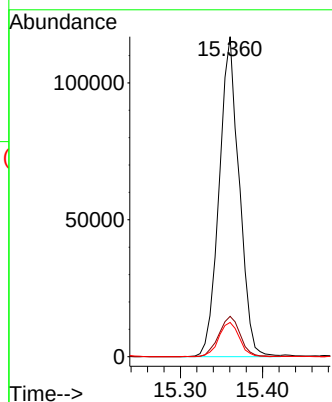
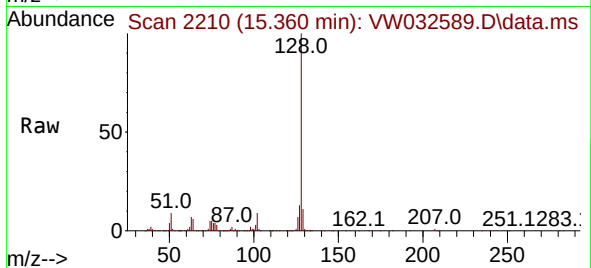
Tgt Ion:128 Resp: 197799

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.450 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032589.D

Acq: 08 Dec 2025 12:39

Tgt Ion:180 Resp: 83462

Ion Ratio Lower Upper

180 100

182 91.6 48.0 144.2

145 34.8 17.8 53.4

