

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032468.D
 Acq On : 18 Nov 2025 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 00:21:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	361815	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	661363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	600329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	279351	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	251373	53.889	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 107.780%	
35) Dibromofluoromethane	7.898	113	204750	51.708	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.420%	
50) Toluene-d8	10.325	98	791488	52.103	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.617	95	302447	52.705	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	89228	48.607	ug/l	93
3) Chloromethane	2.253	50	148231	47.110	ug/l	99
4) Vinyl Chloride	2.405	62	207226	52.184	ug/l	98
5) Bromomethane	2.820	94	135648	51.066	ug/l	97
6) Chloroethane	2.966	64	137506	52.926	ug/l	96
7) Trichlorofluoromethane	3.302	101	161132	51.754	ug/l	98
8) Diethyl Ether	3.716	74	133402	52.407	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	178005	52.485	ug/l	97
10) Methyl Iodide	4.301	142	278915	51.060	ug/l	99
11) Tert butyl alcohol	5.210	59	100305	248.678	ug/l	99
12) 1,1-Dichloroethene	4.076	96	198619	51.072	ug/l	92
13) Acrolein	3.930	56	120834	178.551	ug/l	98
14) Allyl chloride	4.704	41	389538	52.086	ug/l	99
15) Acrylonitrile	5.393	53	397601	270.151	ug/l	99
16) Acetone	4.155	43	376221	269.586	ug/l	99
17) Carbon Disulfide	4.417	76	587827	51.141	ug/l	100
18) Methyl Acetate	4.704	43	196845	56.960	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	434104	52.954	ug/l	99
20) Methylene Chloride	4.948	84	254757	51.045	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	231569	52.075	ug/l	98
22) Diisopropyl ether	6.338	45	813639	53.434	ug/l	95
23) Vinyl Acetate	6.277	43	2788164	267.258	ug/l	99
24) 1,1-Dichloroethane	6.240	63	446364	53.504	ug/l	99
25) 2-Butanone	7.191	43	535856	260.631	ug/l	98
26) 2,2-Dichloropropane	7.185	77	235710	50.697	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	279779	52.655	ug/l	98
28) Bromochloromethane	7.526	49	212694	53.942	ug/l	97
29) Tetrahydrofuran	7.551	42	360143	275.981	ug/l	99
30) Chloroform	7.691	83	438755	53.723	ug/l	98
31) Cyclohexane	7.971	56	380474	49.303	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	308241	52.833	ug/l	98
36) 1,1-Dichloropropene	8.093	75	312041	53.484	ug/l	99
37) Ethyl Acetate	7.270	43	240035	55.329	ug/l	98
38) Carbon Tetrachloride	8.081	117	276301	53.299	ug/l	98
39) Methylcyclohexane	9.343	83	389889	51.586	ug/l	90
40) Benzene	8.331	78	994834	52.949	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	136068	57.095	ug/l	95
42) 1,2-Dichloroethane	8.410	62	303224	54.944	ug/l	100
43) Isopropyl Acetate	8.429	43	411851	53.613	ug/l	99
44) Trichloroethene	9.099	130	224520	51.355	ug/l	92
45) 1,2-Dichloropropane	9.374	63	251613	53.782	ug/l	97
46) Dibromomethane	9.465	93	146373	53.541	ug/l	98
47) Bromodichloromethane	9.648	83	331569	53.168	ug/l	94
48) Methyl methacrylate	9.441	41	192161	52.642	ug/l	93
49) 1,4-Dioxane	9.459	88	41520	1084.124	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	1190307	280.288	ug/l	99
52) Toluene	10.386	92	615596	53.044	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	341094	53.109	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	397223	53.482	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	201824	53.814	ug/l	96
56) Ethyl methacrylate	10.648	69	308598	53.628	ug/l	99
57) 1,3-Dichloropropane	10.934	76	364222	54.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.922	63	824892	269.175	ug/l	100
59) 2-Hexanone	10.965	43	842820	271.260	ug/l	99
60) Dibromochloromethane	11.129	129	229117	54.705	ug/l	96
61) 1,2-Dibromoethane	11.233	107	192605	52.728	ug/l	99
64) Tetrachloroethene	10.861	164	181935	51.177	ug/l	93
65) Chlorobenzene	11.660	112	683155	52.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	206652	51.606	ug/l	100
67) Ethyl Benzene	11.727	91	1165404	52.053	ug/l	100
68) m/p-Xylenes	11.837	106	879989	104.685	ug/l	99
69) o-Xylene	12.160	106	416410	51.736	ug/l	100
70) Styrene	12.178	104	749932	54.163	ug/l	98
71) Bromoform	12.349	173	122012	51.441	ug/l	96
73) Isopropylbenzene	12.458	105	1046985	51.031	ug/l	98
74) N-amyl acetate	12.269	43	374507	52.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	259052	53.204	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	327344	85.460	ug/l	33
77) Bromobenzene	12.745	156	243636	50.156	ug/l	92
78) n-propylbenzene	12.800	91	1304152	52.197	ug/l	99
79) 2-Chlorotoluene	12.885	91	791141	51.870	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	869708	51.383	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	88381	52.849	ug/l	98
82) 4-Chlorotoluene	12.983	91	825619	52.044	ug/l	98
83) tert-Butylbenzene	13.202	119	748267	50.819	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	881411	51.198	ug/l	98
85) sec-Butylbenzene	13.379	105	1130247	51.542	ug/l	99
86) p-Isopropyltoluene	13.495	119	923050	50.982	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	478644	51.971	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	472264	50.052	ug/l	98
89) n-Butylbenzene	13.818	91	890478	50.342	ug/l	100
90) Hexachloroethane	14.086	117	164982	50.539	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	446439	52.805	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	43390	51.729	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	255341	47.459	ug/l	94
94) Hexachlorobutadiene	15.226	225	113755	50.900	ug/l	96
95) Naphthalene	15.360	128	677528	50.499	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	237374	48.597	ug/l	96

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ClientSampleId :
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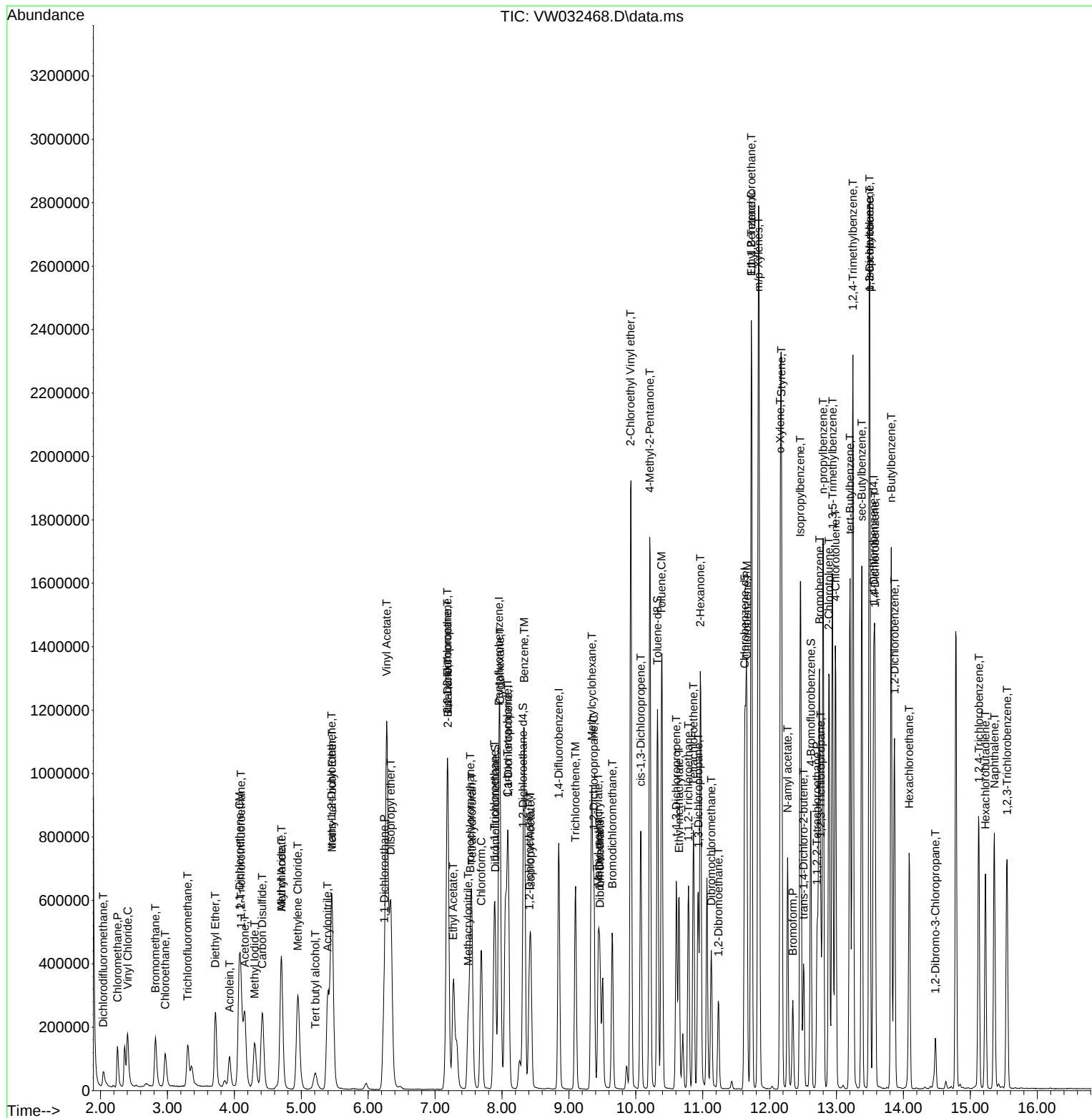
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

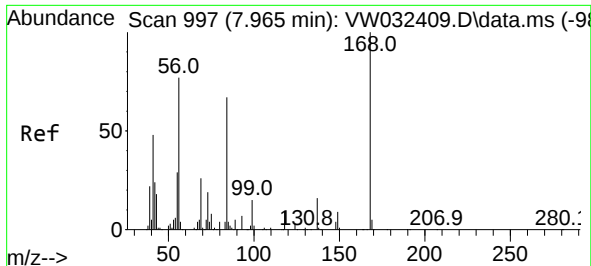
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
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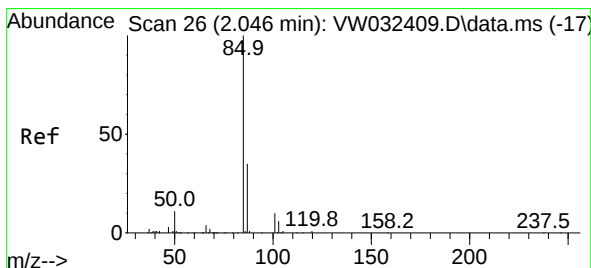
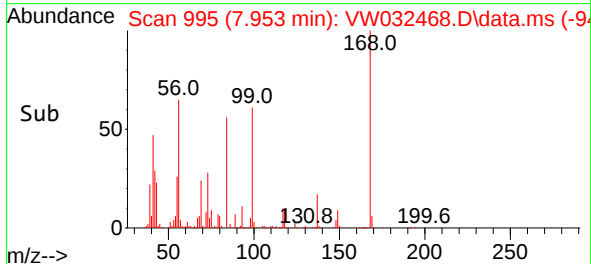
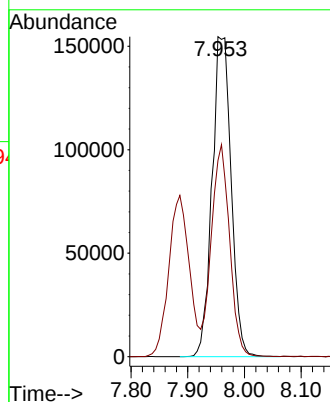
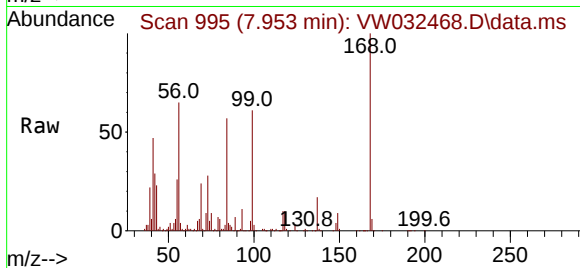




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW032468.D
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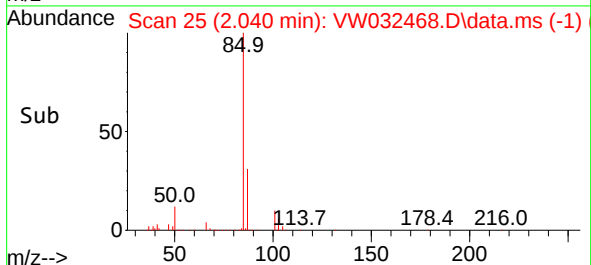
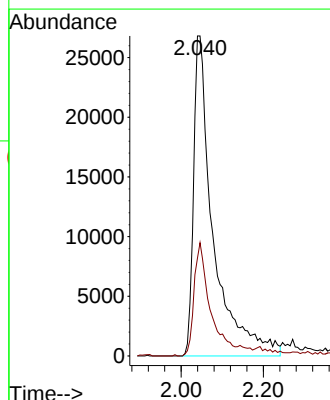
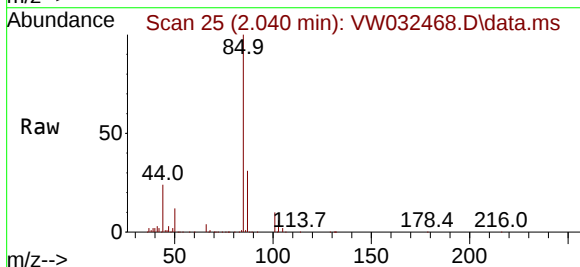
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 361815
Ion Ratio Lower Upper
168 100
99 61.3 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 48.607 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 85 Resp: 89228
Ion Ratio Lower Upper
85 100
87 30.6 17.4 52.2

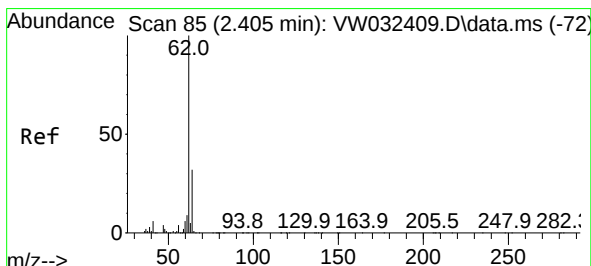
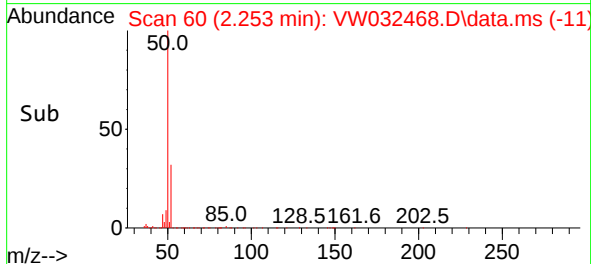
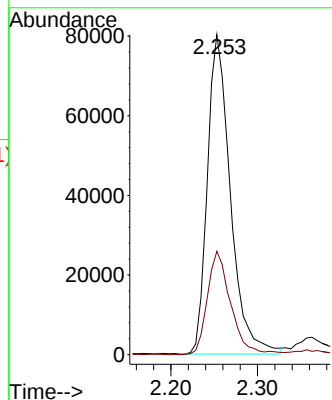
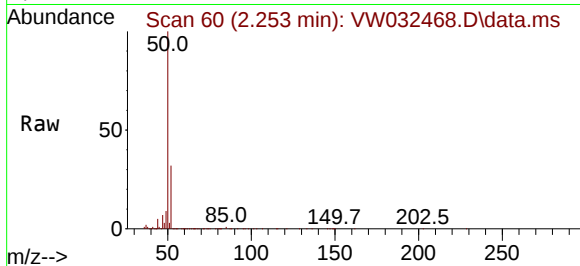




#3
Chloromethane
Concen: 47.110 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

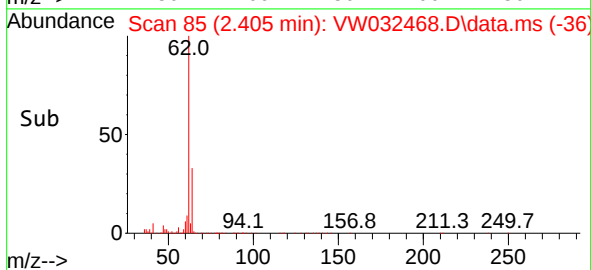
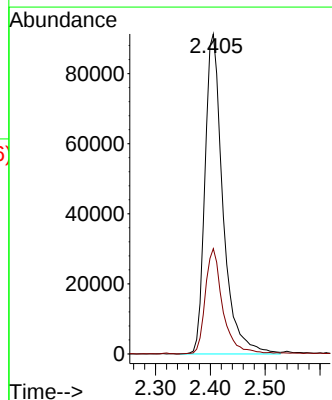
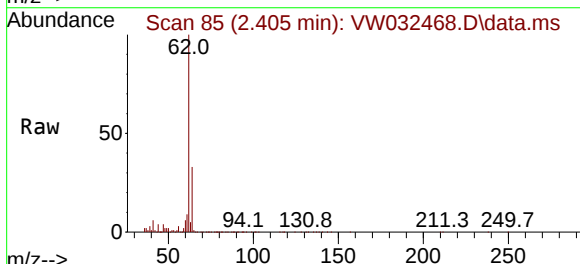
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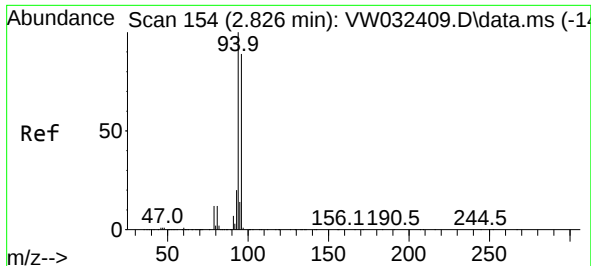
Tgt Ion: 50 Resp: 148231
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 52.184 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 62 Resp: 207226
Ion Ratio Lower Upper
62 100
64 32.9 25.2 37.8

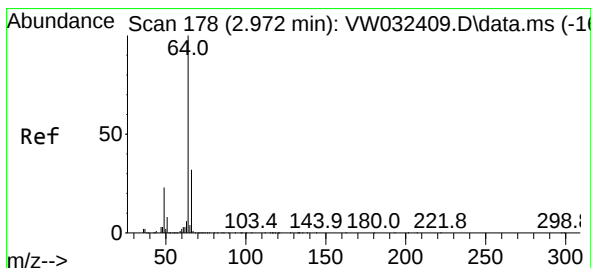
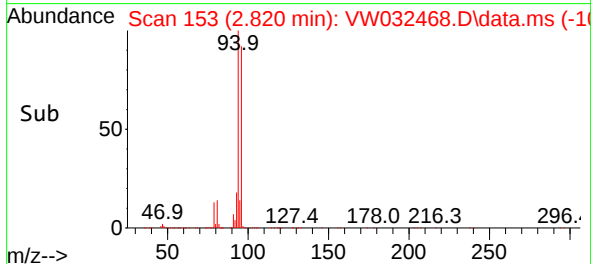
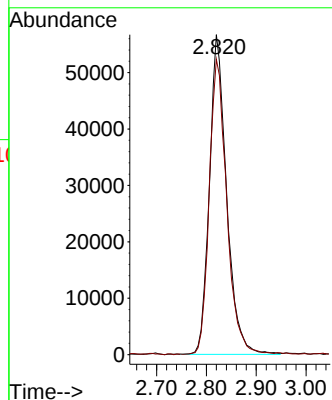
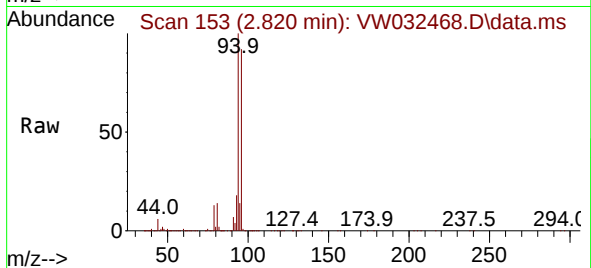




#5
Bromomethane
Concen: 51.066 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

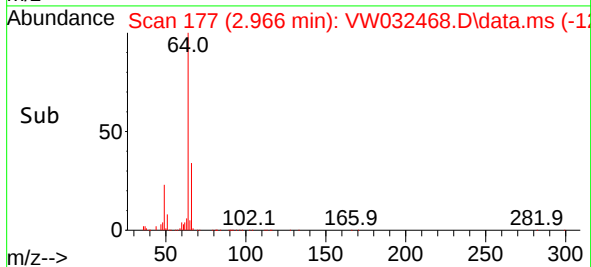
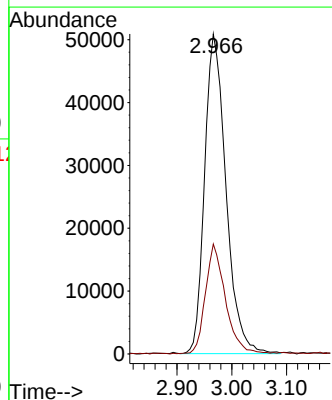
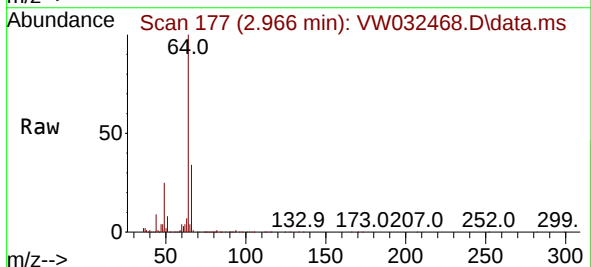
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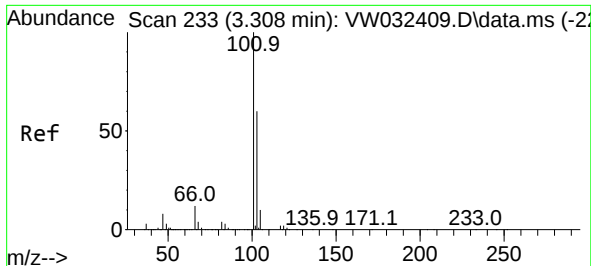
Tgt Ion: 94 Resp: 135648
Ion Ratio Lower Upper
94 100
96 92.2 71.4 107.2



#6
Chloroethane
Concen: 52.926 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 64 Resp: 137506
Ion Ratio Lower Upper
64 100
66 34.2 25.6 38.4

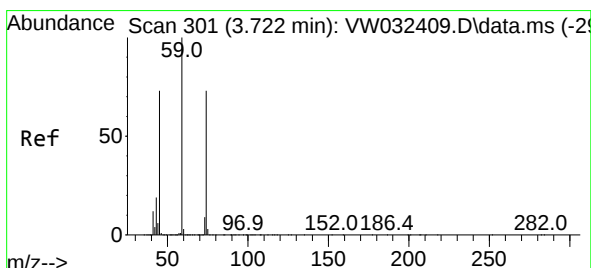
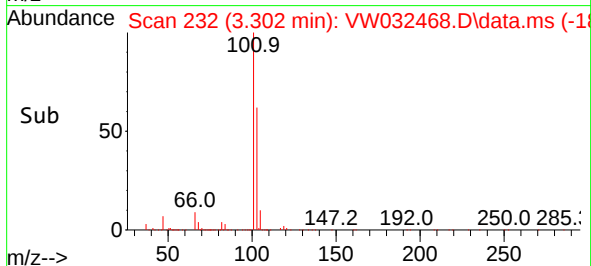
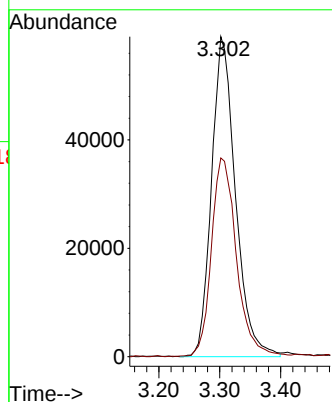
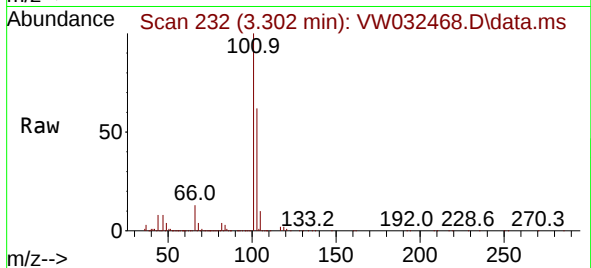




#7
 Trichlorofluoromethane
 Concen: 51.754 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032468.D
 Acq: 18 Nov 2025 09:46

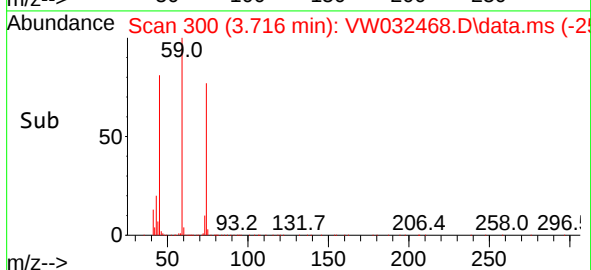
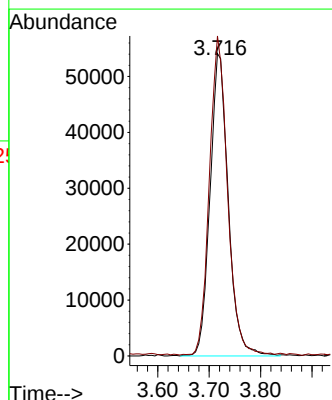
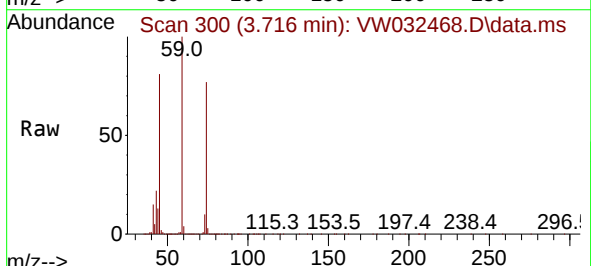
Instrument :
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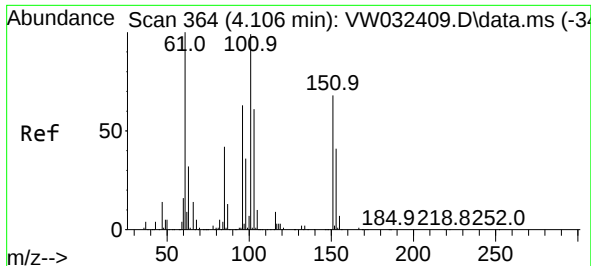
Tgt Ion:101 Resp: 161132
 Ion Ratio Lower Upper
 101 100
 103 61.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 52.407 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032468.D
 Acq: 18 Nov 2025 09:46

Tgt Ion: 74 Resp: 133402
 Ion Ratio Lower Upper
 74 100
 45 104.5 51.8 155.4

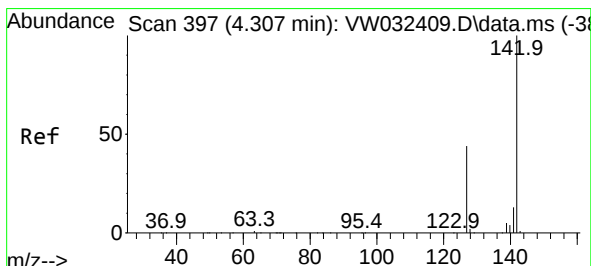
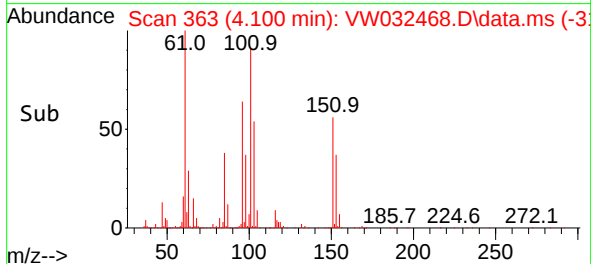
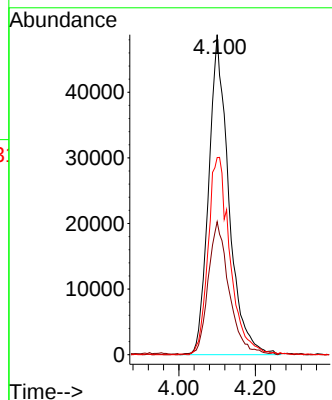
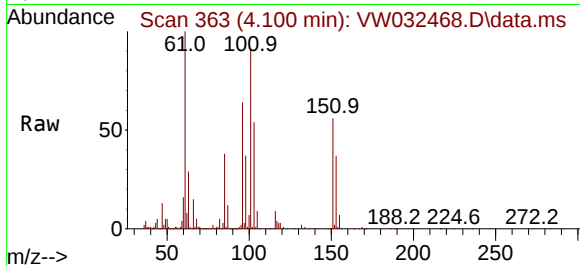




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.485 ug/l
 RT: 4.100 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW032468.D
 Acq: 18 Nov 2025 09:46

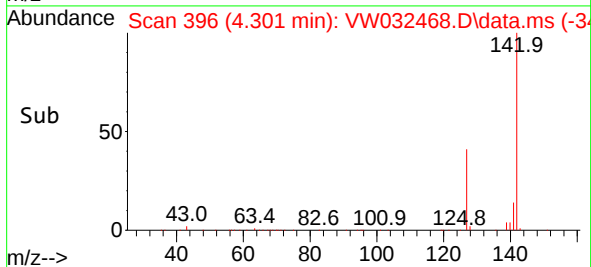
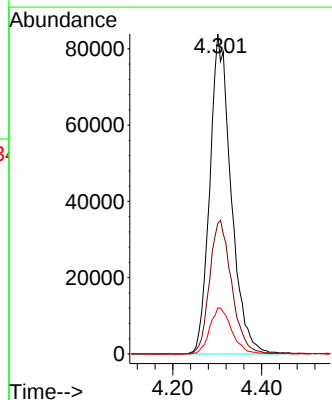
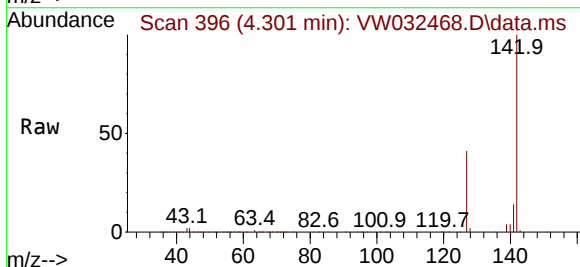
Instrument :
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 ClientSampleId :
 VSTDCCC050

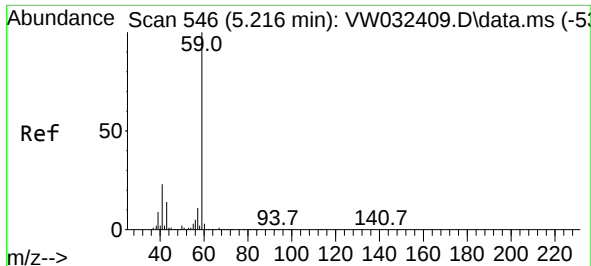
Tgt Ion:101 Resp: 178005
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.1 51.1
 151 67.4 56.4 84.6



#10
 Methyl Iodide
 Concen: 51.060 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VW032468.D
 Acq: 18 Nov 2025 09:46

Tgt Ion:142 Resp: 278915
 Ion Ratio Lower Upper
 142 100
 127 43.3 34.2 51.2
 141 14.8 11.8 17.8

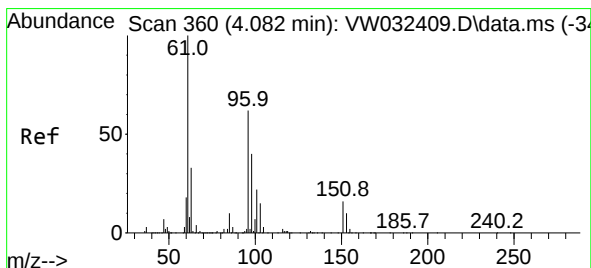
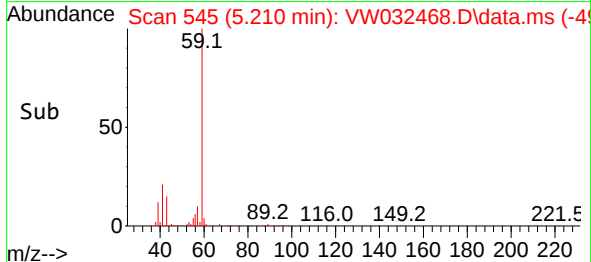
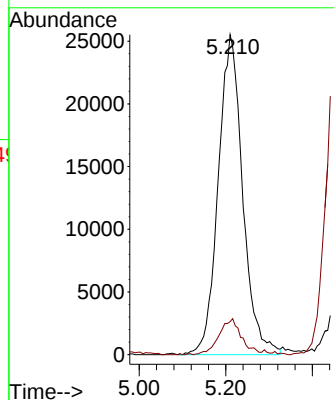
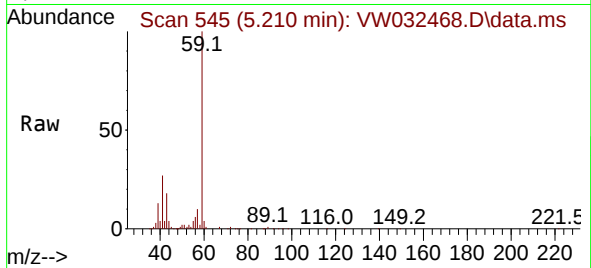




#11
Tert butyl alcohol
Concen: 248.678 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

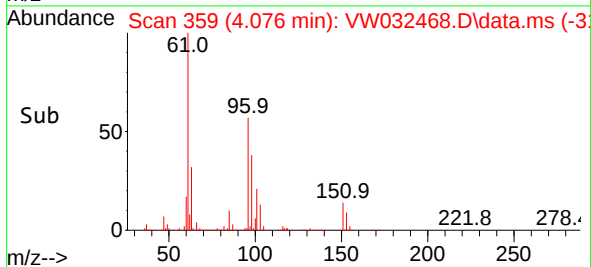
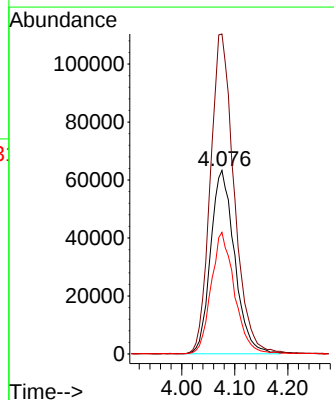
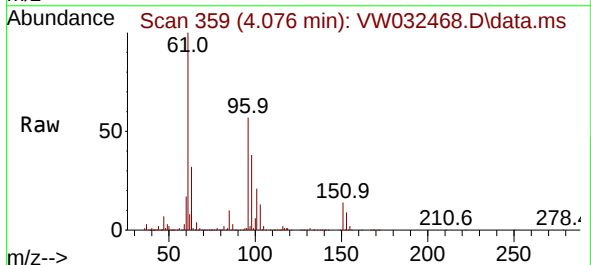
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

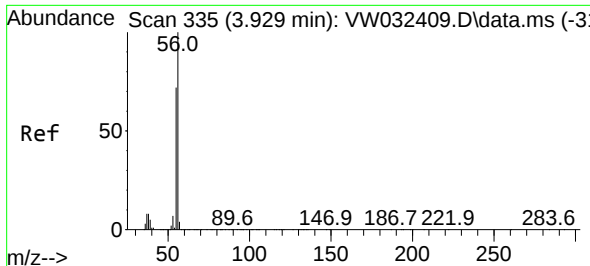
Tgt Ion: 59 Resp: 100305
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 51.072 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 96 Resp: 198619
Ion Ratio Lower Upper
96 100
61 174.5 129.0 193.6
98 66.2 51.1 76.7

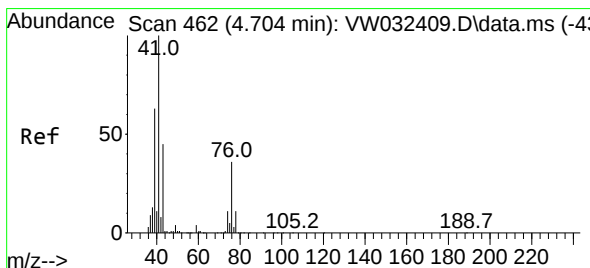
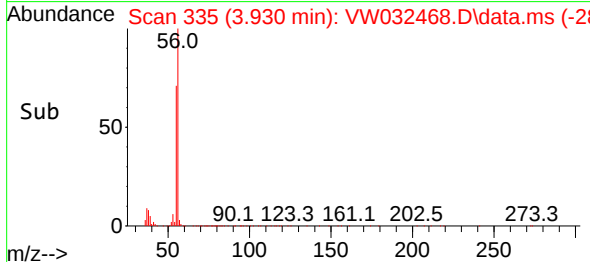
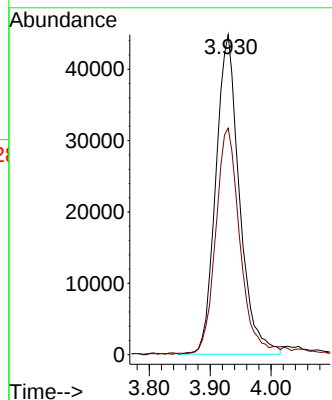
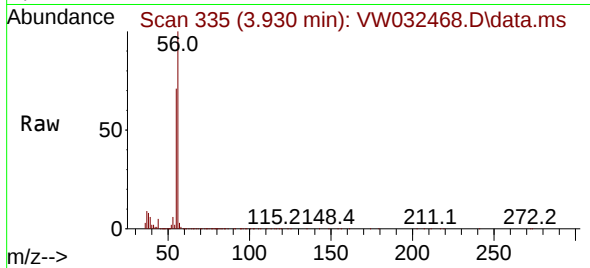




#13
Acrolein
Concen: 178.551 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

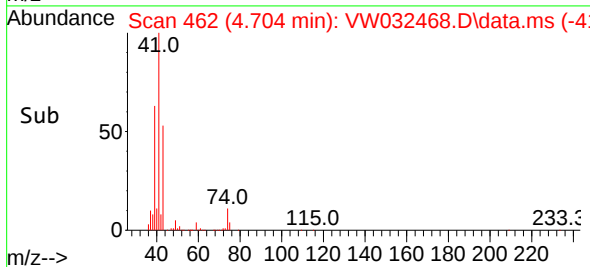
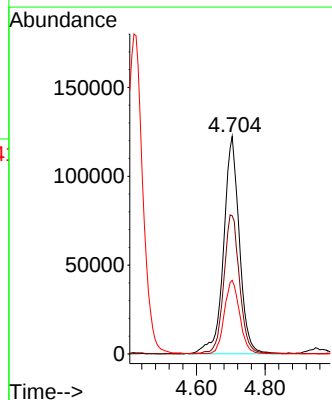
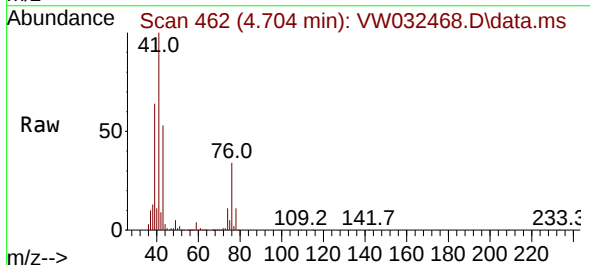
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

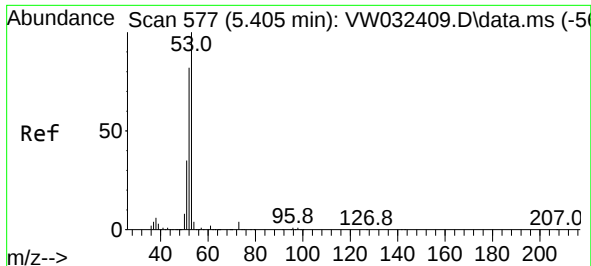
Tgt Ion: 56 Resp: 120834
Ion Ratio Lower Upper
56 100
55 71.8 56.3 84.5



#14
Allyl chloride
Concen: 52.086 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 41 Resp: 389538
Ion Ratio Lower Upper
41 100
39 63.8 50.2 75.2
76 33.2 27.0 40.6

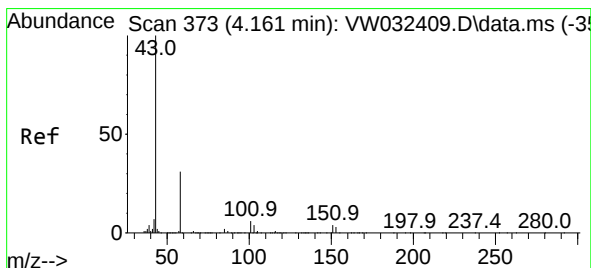
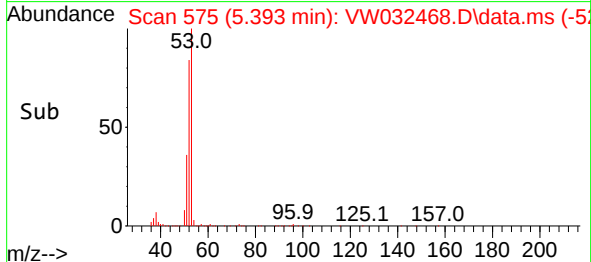
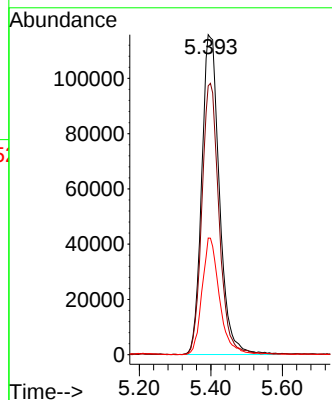
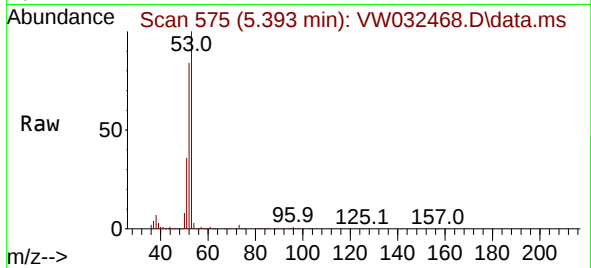




#15
Acrylonitrile
Concen: 270.151 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

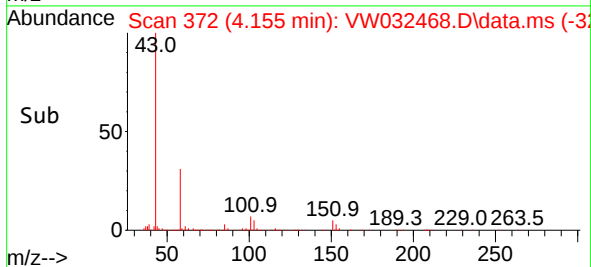
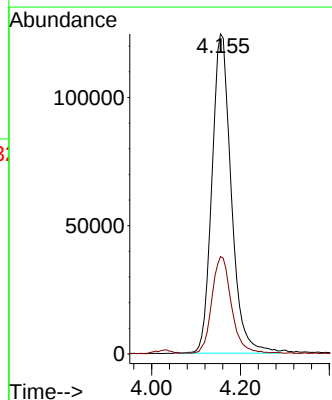
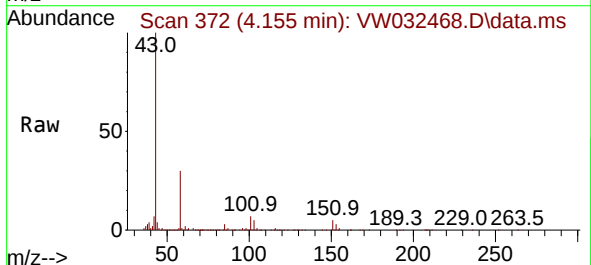
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

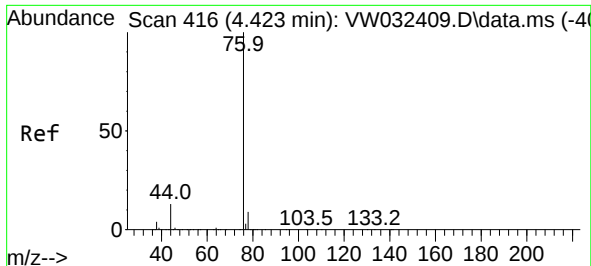
Tgt Ion: 53 Resp: 397601
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 36.1 28.6 43.0



#16
Acetone
Concen: 269.586 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 43 Resp: 376221
Ion Ratio Lower Upper
43 100
58 30.2 24.8 37.2

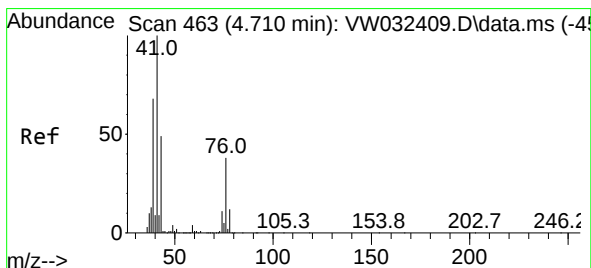
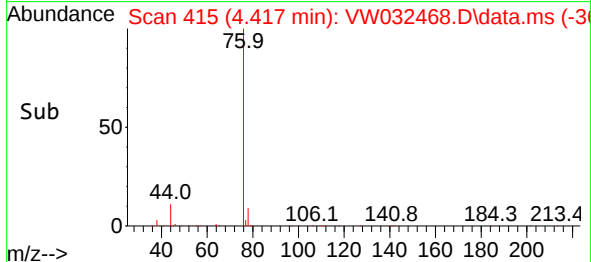
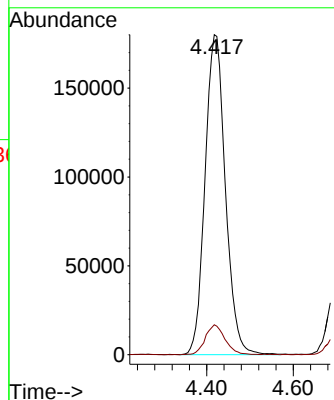
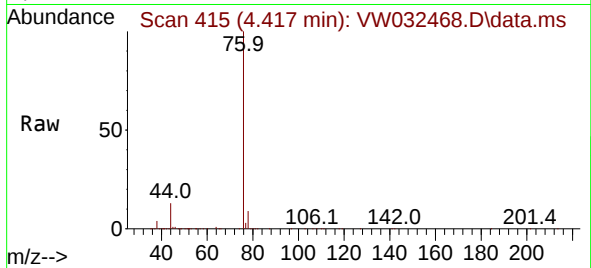




#17
Carbon Disulfide
Concen: 51.141 ug/l
RT: 4.417 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

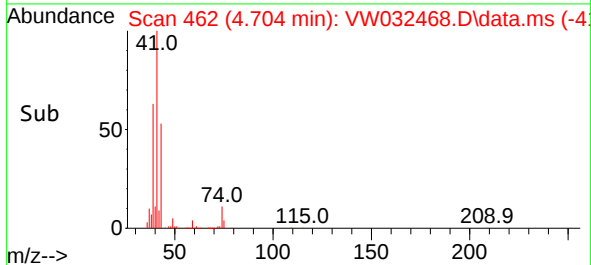
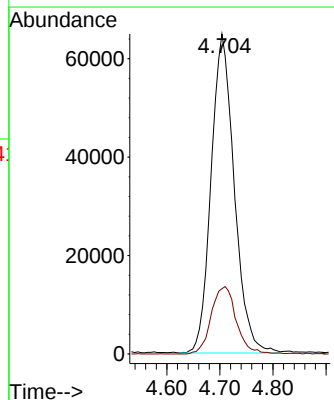
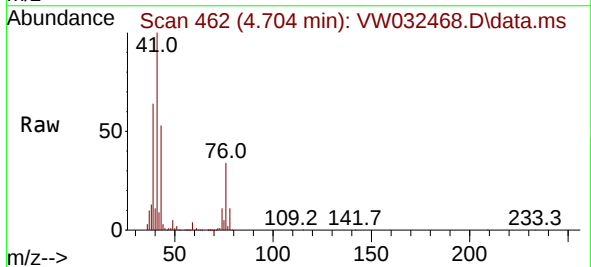
Instrument :
MSVOA_W
ClientSampleId :
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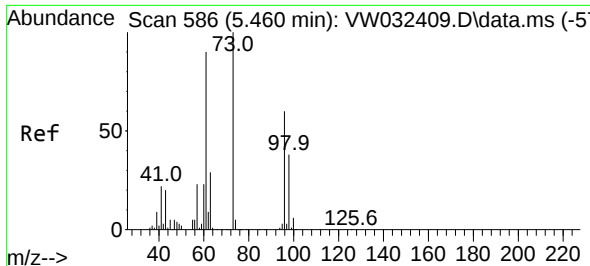
Tgt Ion: 76 Resp: 587827
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#18
Methyl Acetate
Concen: 56.960 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 43 Resp: 196845
Ion Ratio Lower Upper
43 100
74 22.8 18.9 28.3

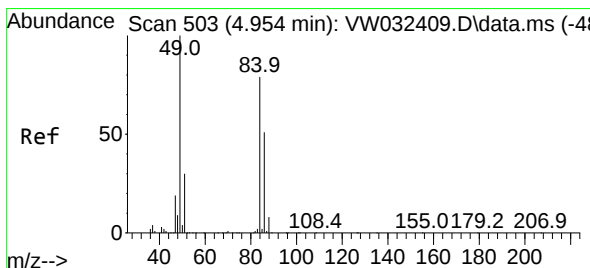
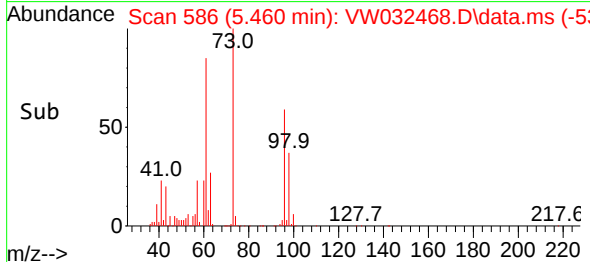
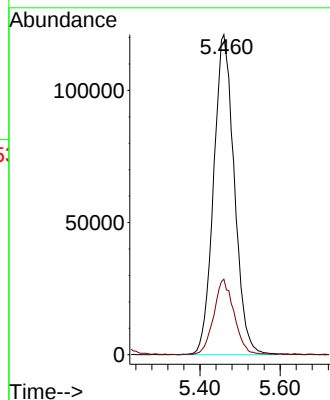
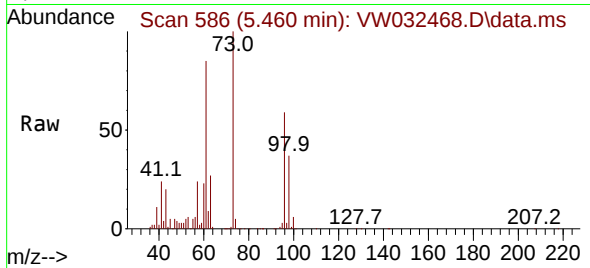




#19
Methyl tert-butyl Ether
Concen: 52.954 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

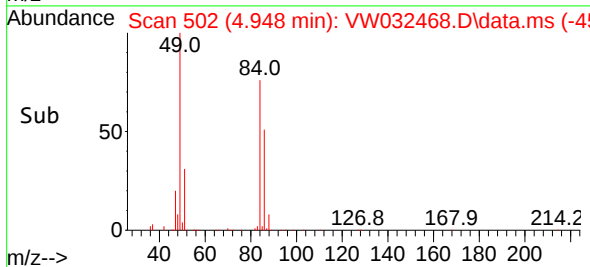
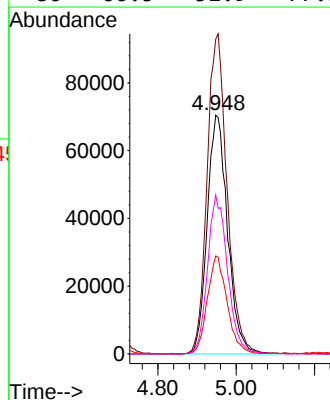
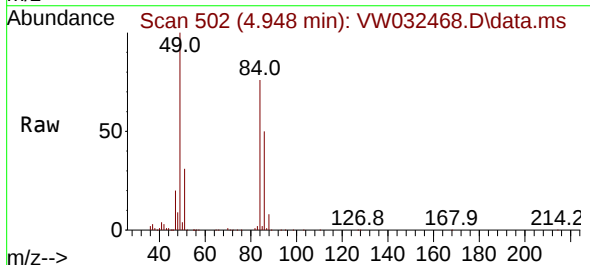
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

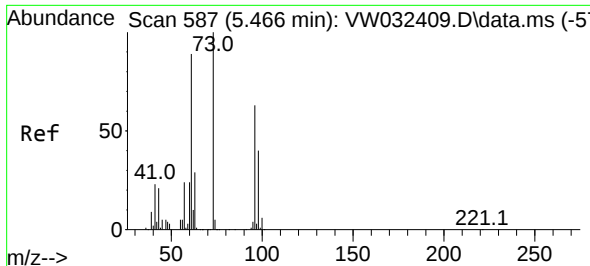
Tgt Ion: 73 Resp: 434104
Ion Ratio Lower Upper
73 100
57 23.6 18.3 27.5



#20
Methylene Chloride
Concen: 51.045 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 84 Resp: 254757
Ion Ratio Lower Upper
84 100
49 131.8 101.5 152.3
51 41.1 30.6 46.0
86 66.5 51.9 77.9

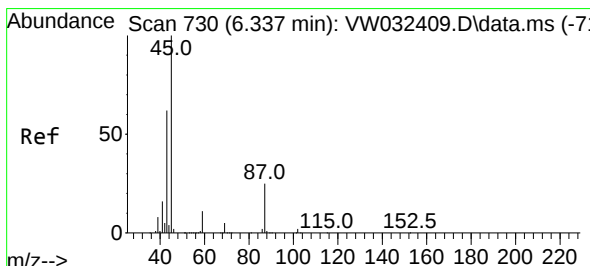
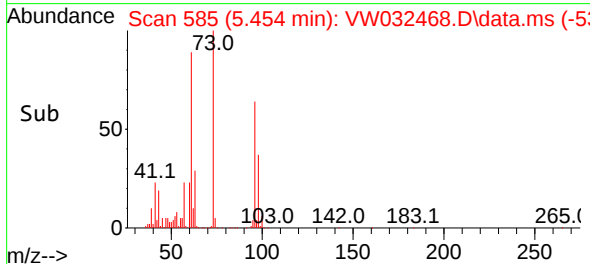
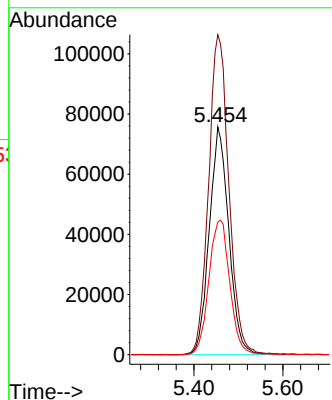
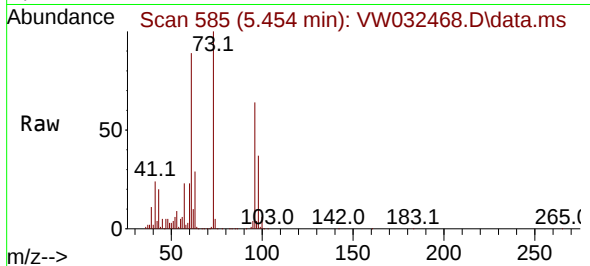




#21
trans-1,2-Dichloroethene
Concen: 52.075 ug/l
RT: 5.454 min Scan# 585
Delta R.T. -0.012 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

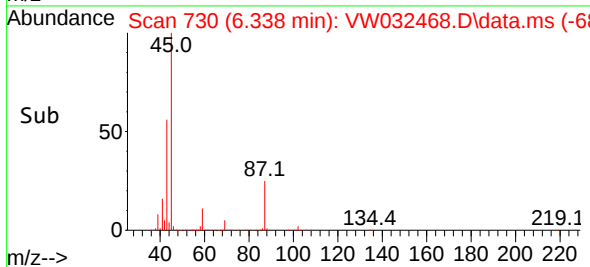
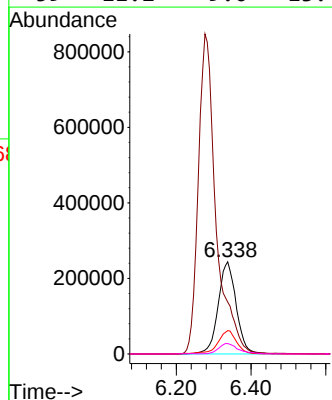
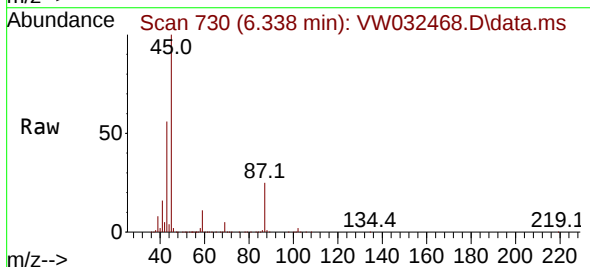
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

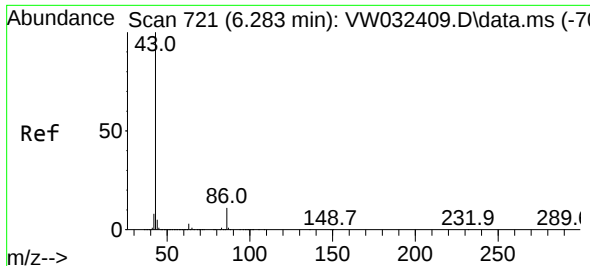
Tgt Ion: 96 Resp: 231569
Ion Ratio Lower Upper
96 100
61 140.3 112.5 168.7
98 58.1 51.1 76.7



#22
Diisopropyl ether
Concen: 53.434 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 45 Resp: 813639
Ion Ratio Lower Upper
45 100
43 56.1 49.4 74.2
87 25.2 20.1 30.1
59 11.2 9.0 13.4

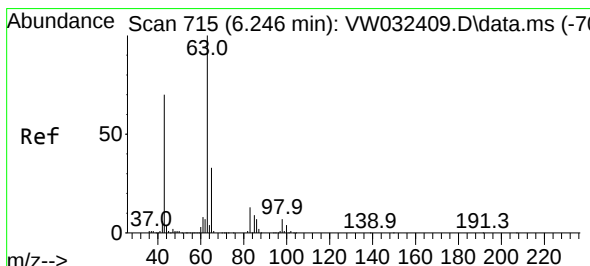
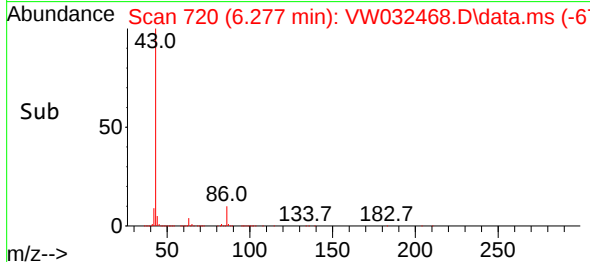
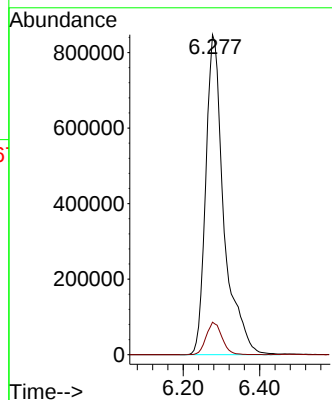
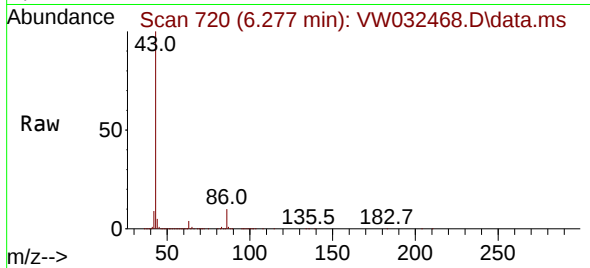




#23
 Vinyl Acetate
 Concen: 267.258 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032468.D
 Acq: 18 Nov 2025 09:46

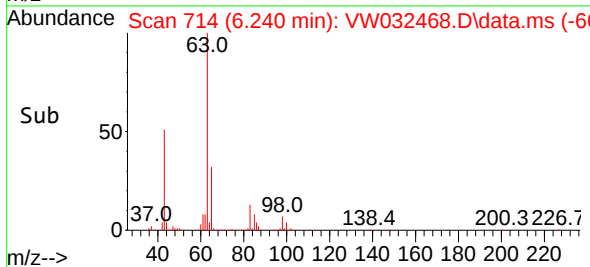
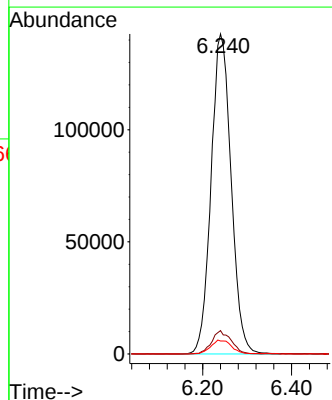
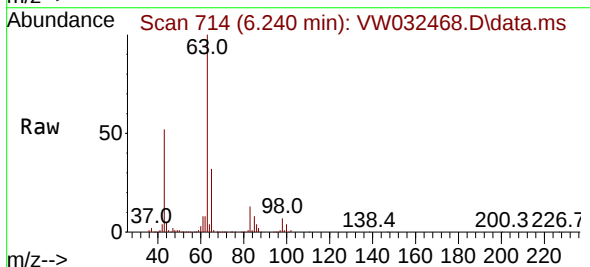
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

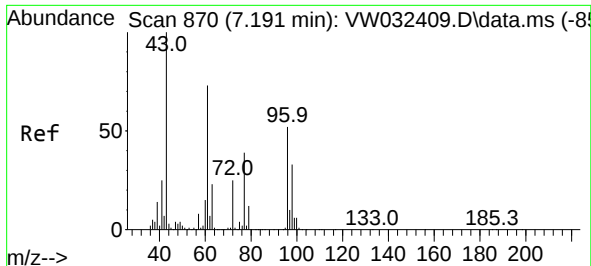
Tgt Ion: 43 Resp: 2788164
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 53.504 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032468.D
 Acq: 18 Nov 2025 09:46

Tgt Ion: 63 Resp: 446364
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.0 2.3 6.8

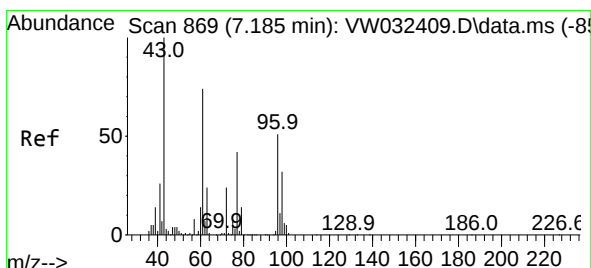
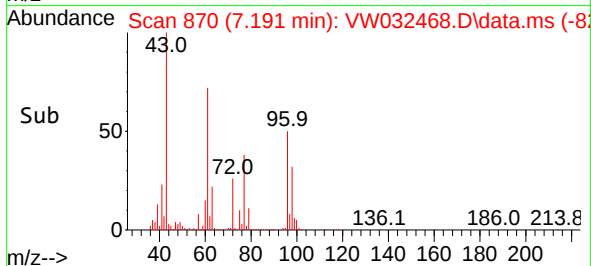
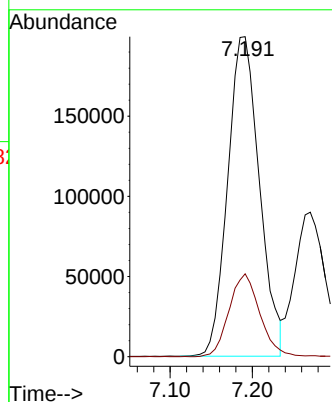
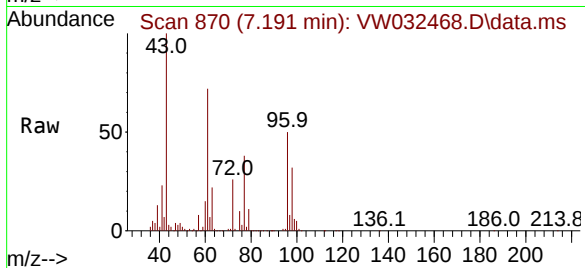




#25
2-Butanone
Concen: 260.631 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

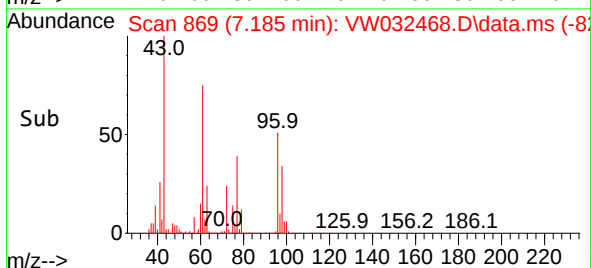
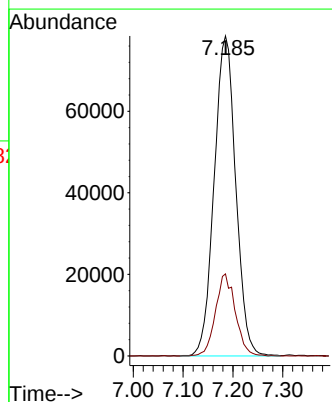
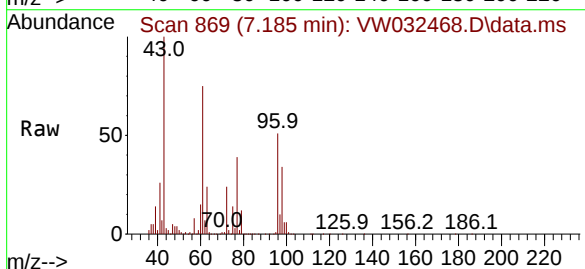
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

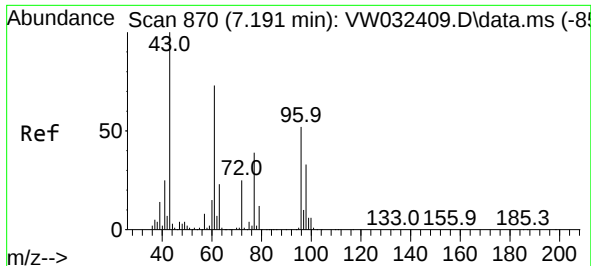
Tgt Ion: 43 Resp: 535856
Ion Ratio Lower Upper
43 100
72 25.9 20.0 30.0



#26
2,2-Dichloropropane
Concen: 50.697 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 77 Resp: 235710
Ion Ratio Lower Upper
77 100
97 23.5 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 52.655 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

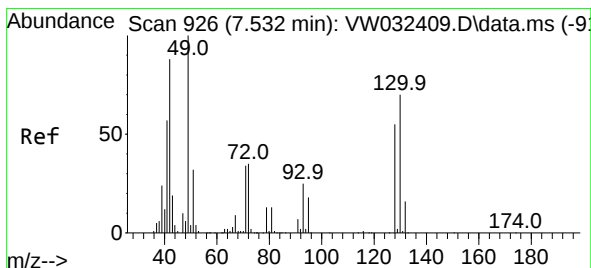
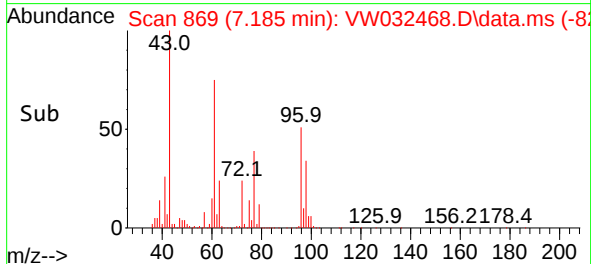
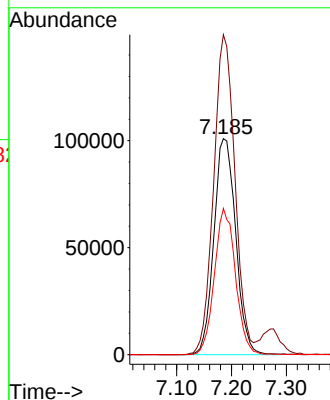
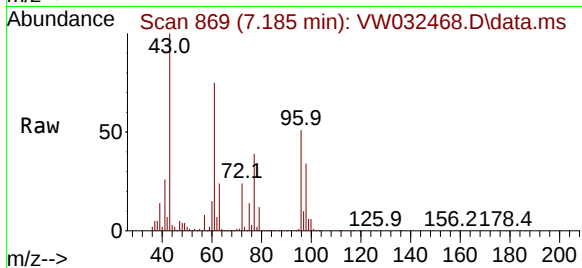
Tgt Ion: 96 Resp: 279779

Ion Ratio Lower Upper

96 100

61 144.5 0.0 282.6

98 65.3 0.0 128.6



#28

Bromochloromethane

Concen: 53.942 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

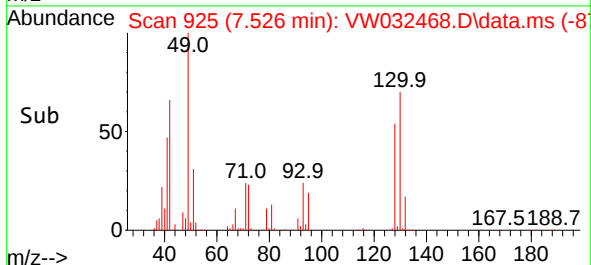
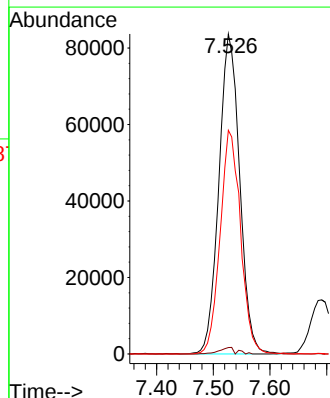
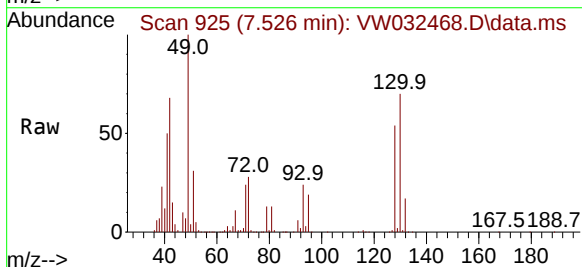
Tgt Ion: 49 Resp: 212694

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 68.7 56.9 85.3





#29

Tetrahydrofuran

Concen: 275.981 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

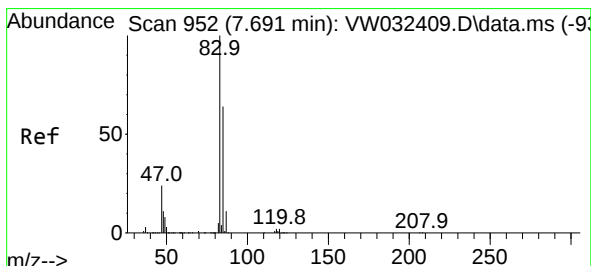
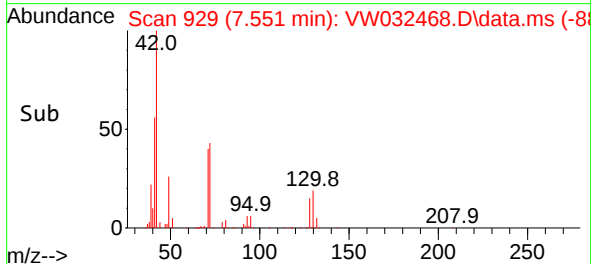
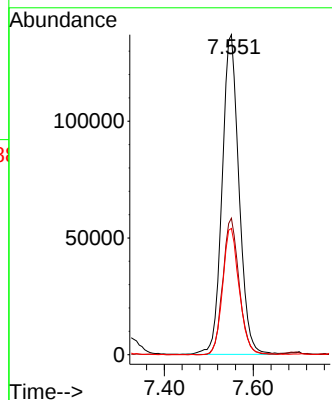
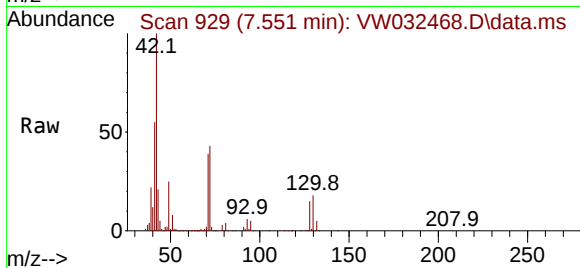
Tgt Ion: 42 Resp: 360143

Ion Ratio Lower Upper

42 100

72 41.2 33.6 50.4

71 38.9 31.4 47.0



#30

Chloroform

Concen: 53.723 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032468.D

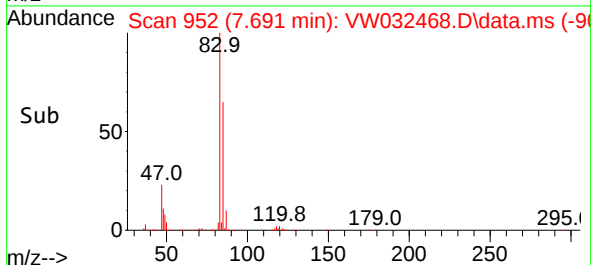
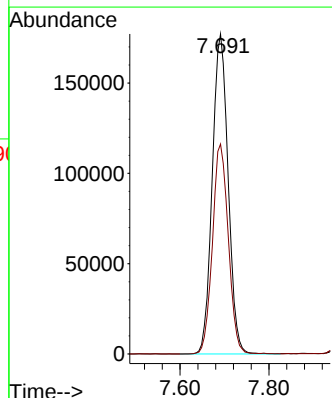
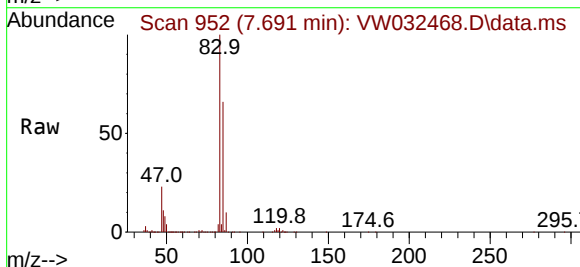
Acq: 18 Nov 2025 09:46

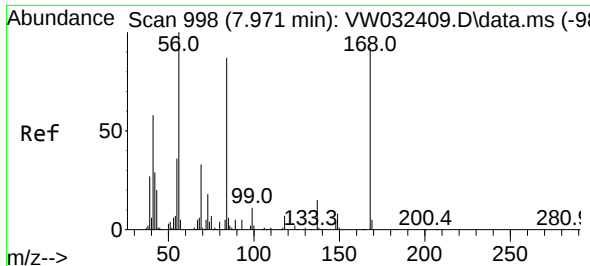
Tgt Ion: 83 Resp: 438755

Ion Ratio Lower Upper

83 100

85 65.6 51.0 76.4

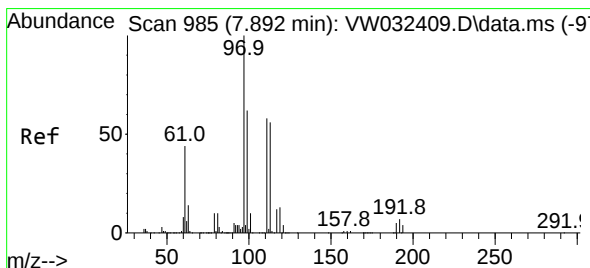
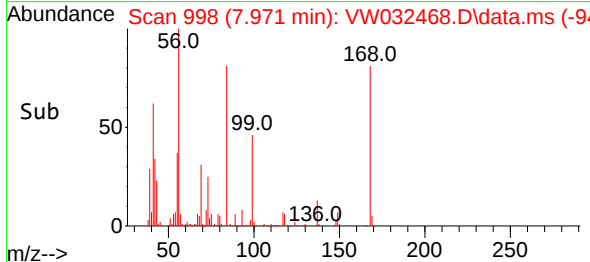
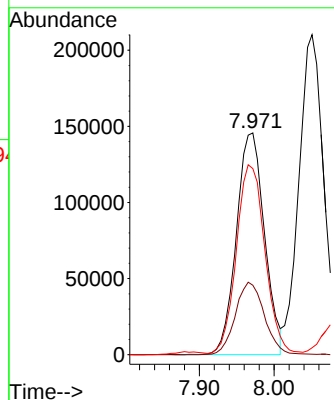
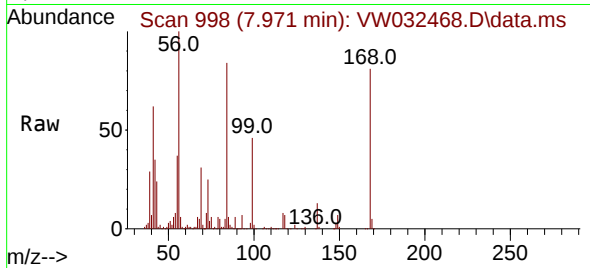




#31
Cyclohexane
Concen: 49.303 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

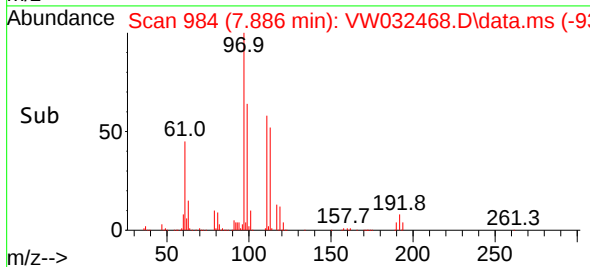
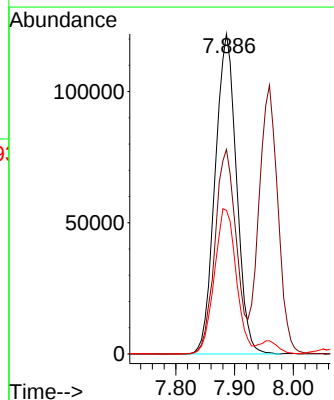
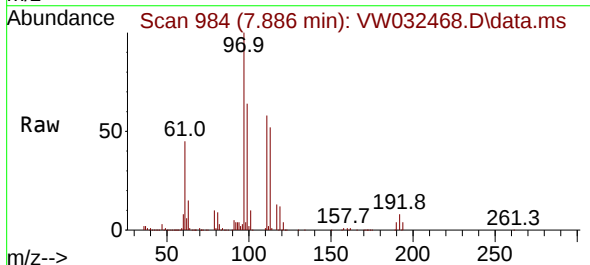
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

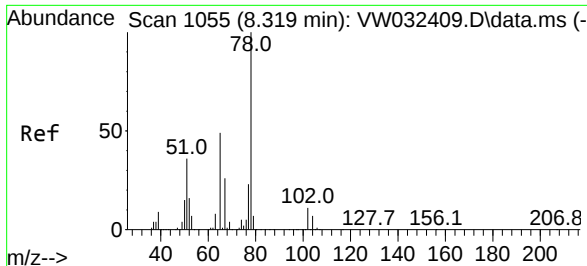
Tgt Ion: 56 Resp: 380474
Ion Ratio Lower Upper
56 100
69 31.3 26.5 39.7
84 82.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 52.833 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 97 Resp: 308241
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 46.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 53.889 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

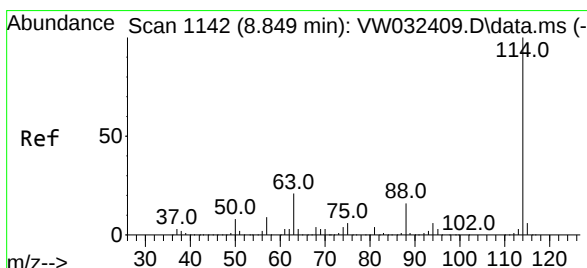
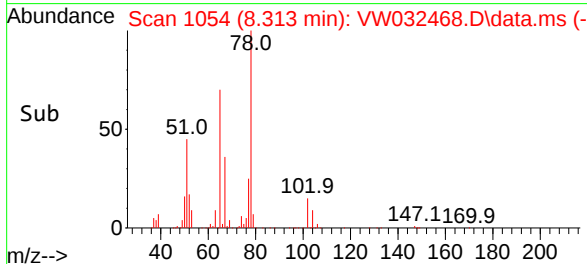
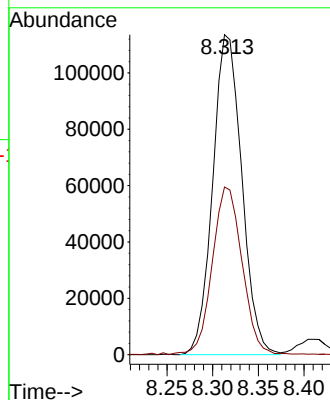
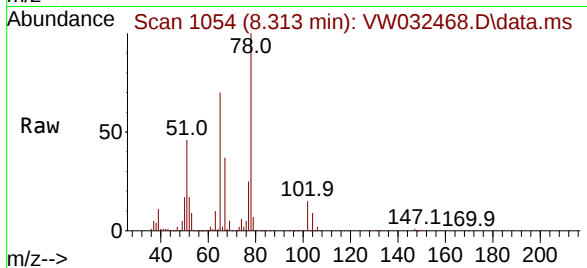
VSTDCCC050

Tgt Ion: 65 Resp: 251373

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

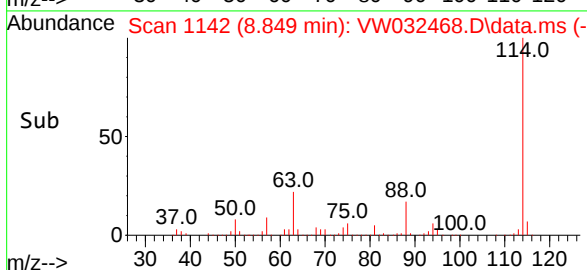
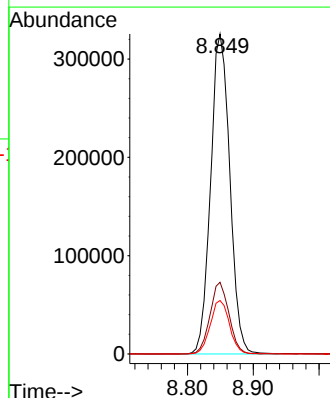
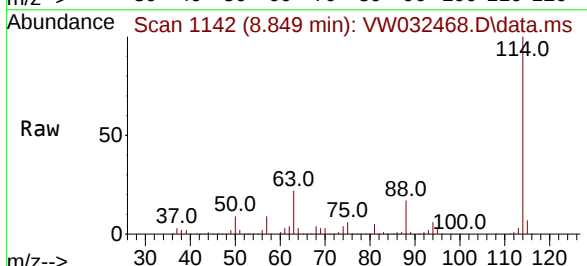
Tgt Ion: 114 Resp: 661363

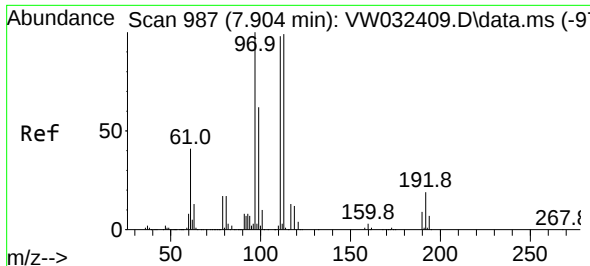
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 16.7 0.0 32.6

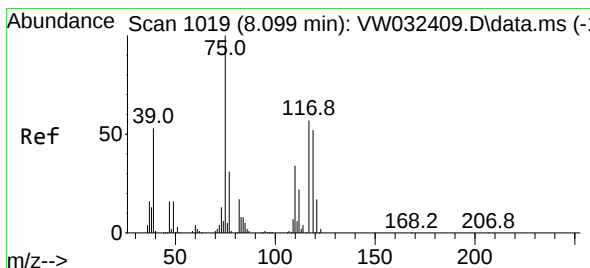
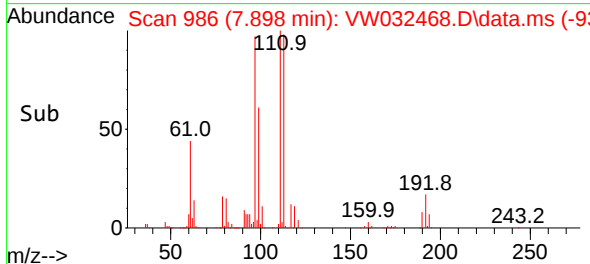
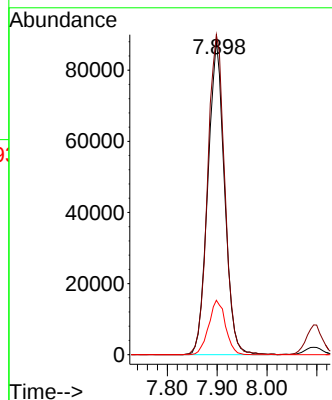
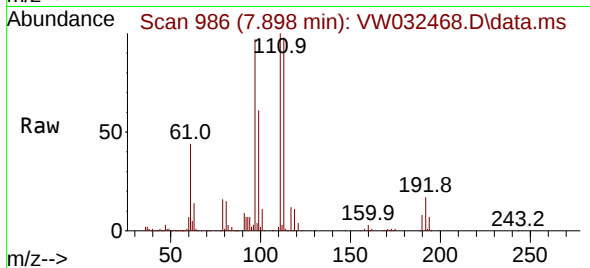




#35
 Dibromofluoromethane
 Concen: 51.708 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032468.D
 Acq: 18 Nov 2025 09:46

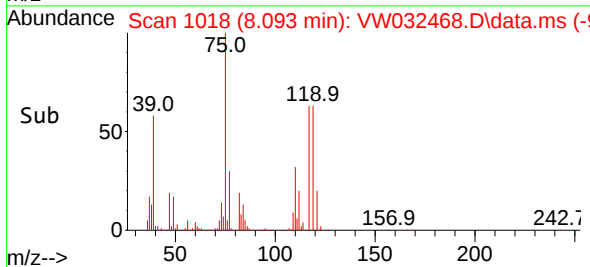
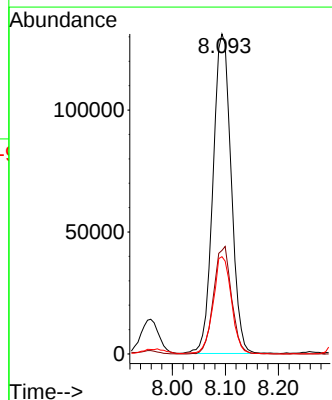
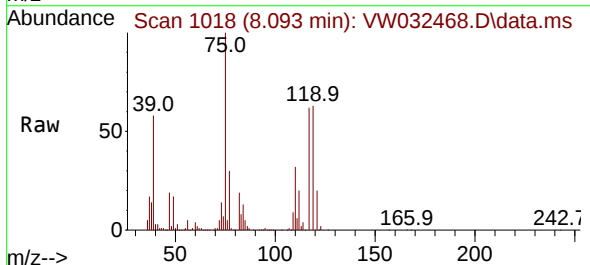
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

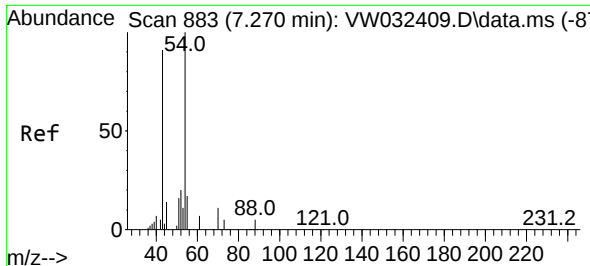
Tgt Ion:113 Resp: 204750
 Ion Ratio Lower Upper
 113 100
 111 104.8 83.1 124.7
 192 17.4 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 53.484 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032468.D
 Acq: 18 Nov 2025 09:46

Tgt Ion: 75 Resp: 312041
 Ion Ratio Lower Upper
 75 100
 110 33.2 17.2 51.5
 77 30.8 24.5 36.7

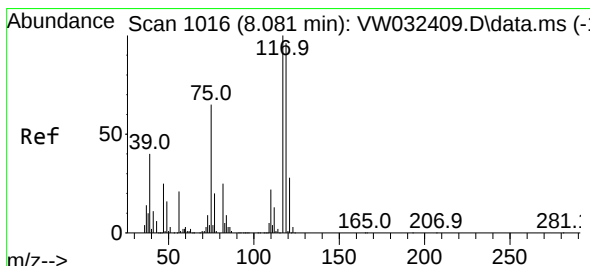
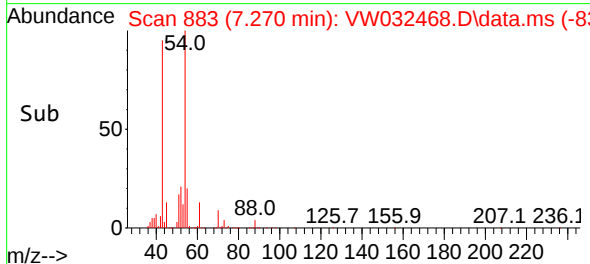
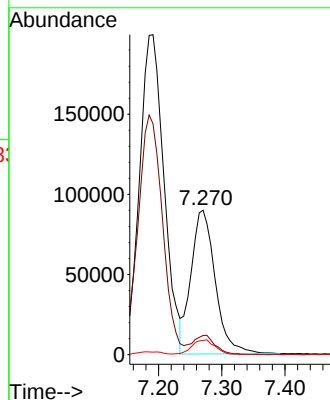
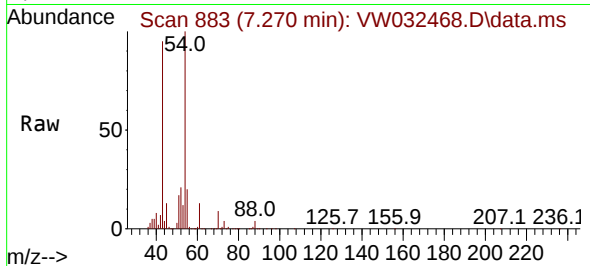




#37
Ethyl Acetate
Concen: 55.329 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

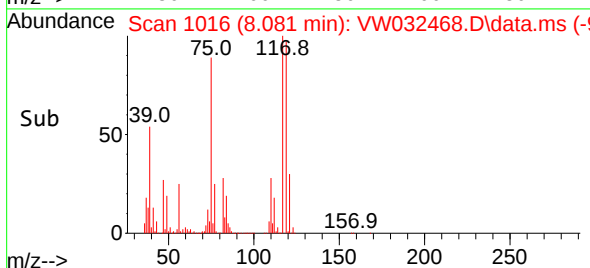
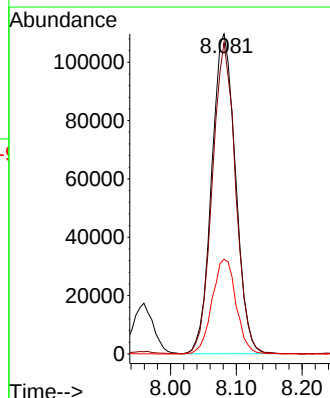
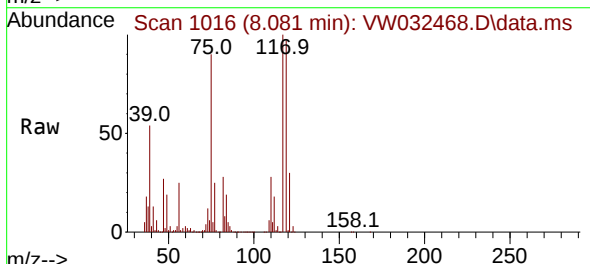
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

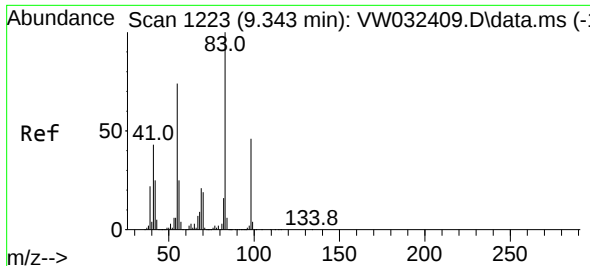
Tgt Ion: 43 Resp: 240035
Ion Ratio Lower Upper
43 100
61 12.5 11.0 16.6
70 9.9 8.3 12.5



#38
Carbon Tetrachloride
Concen: 53.299 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 117 Resp: 276301
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.4
121 29.6 22.0 33.0





#39

Methylcyclohexane

Concen: 51.586 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

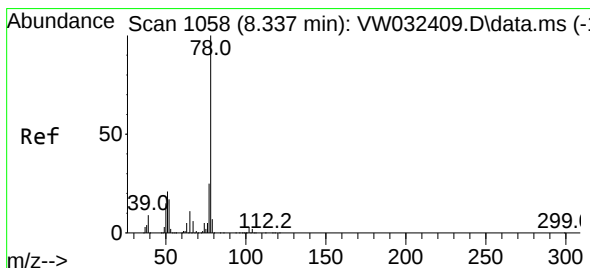
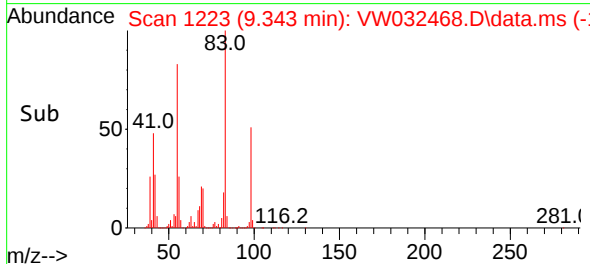
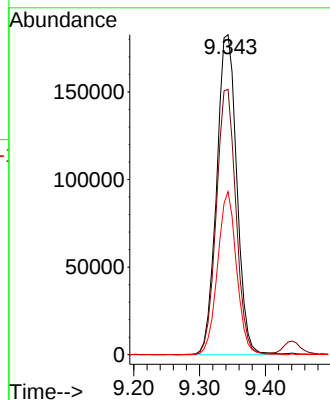
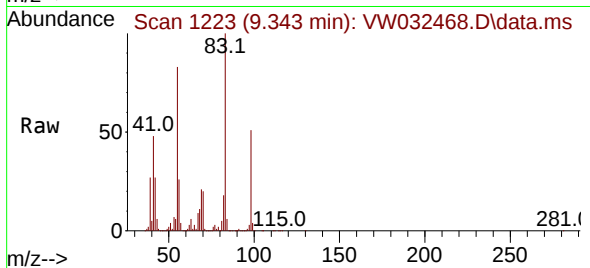
Tgt Ion: 83 Resp: 389889

Ion Ratio Lower Upper

83 100

55 82.9 59.2 88.8

98 50.9 36.6 54.8



#40

Benzene

Concen: 52.949 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032468.D

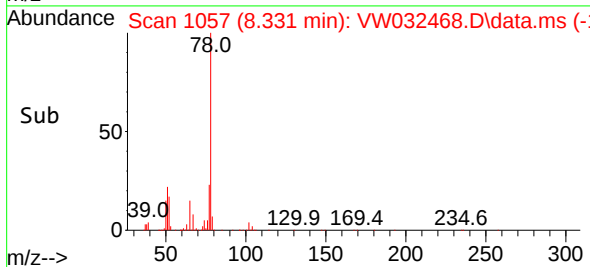
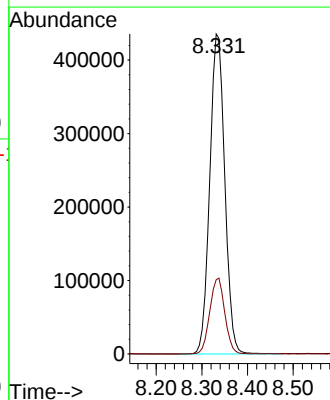
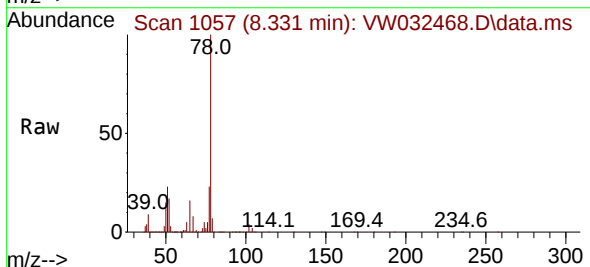
Acq: 18 Nov 2025 09:46

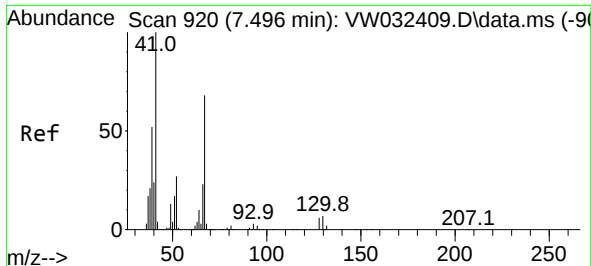
Tgt Ion: 78 Resp: 994834

Ion Ratio Lower Upper

78 100

77 23.2 19.6 29.4

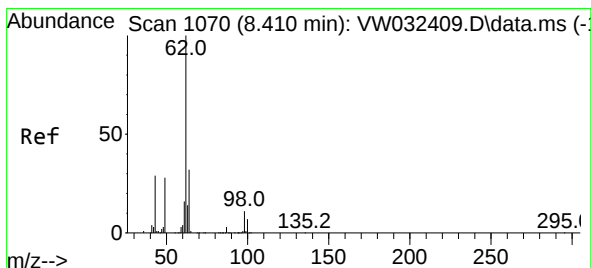
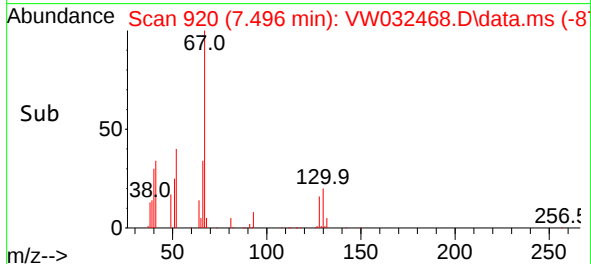
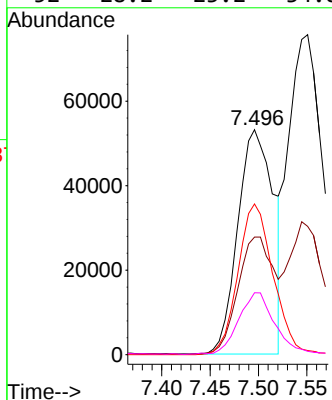
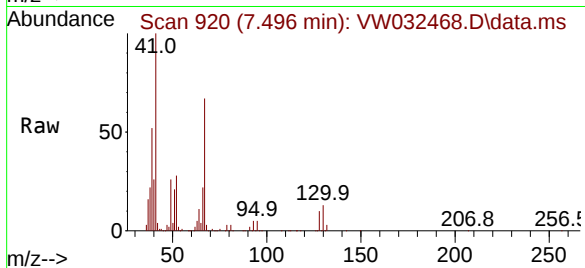




#41
Methacrylonitrile
Concen: 57.095 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

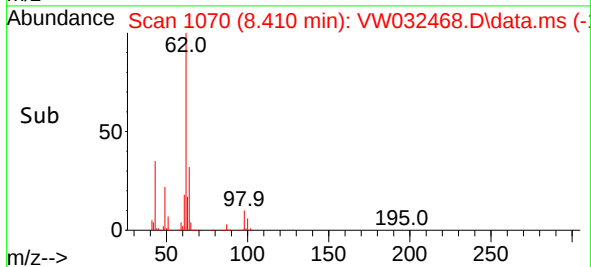
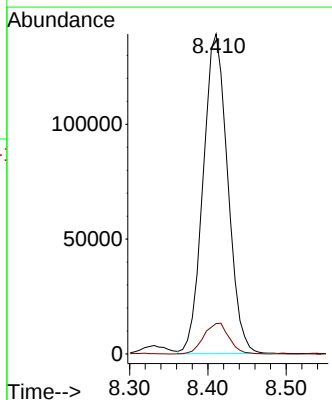
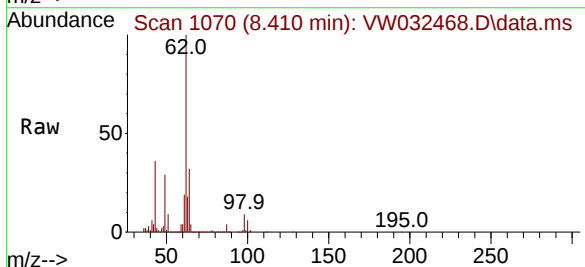
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

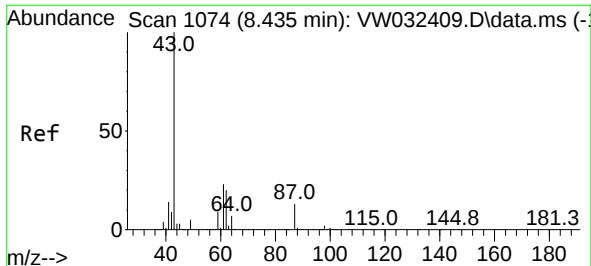
Tgt Ion:	41	Resp:	136068
Ion	Ratio	Lower	Upper
41	100		
39	52.3	44.6	66.8
67	66.3	57.6	86.4
52	28.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 54.944 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion:	62	Resp:	303224
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

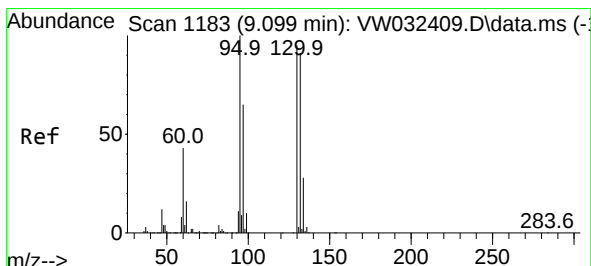
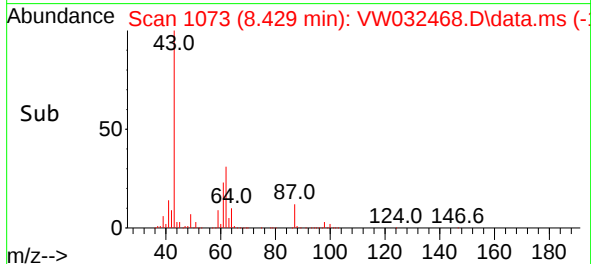
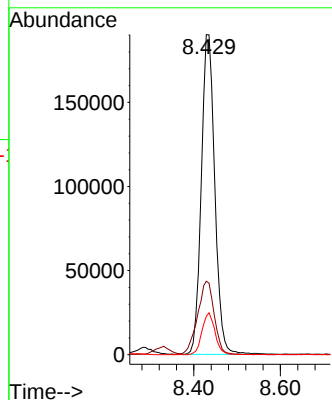
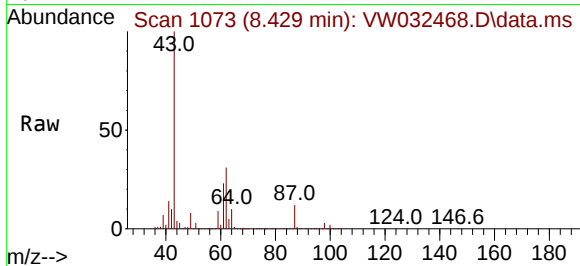




#43
Isopropyl Acetate
Concen: 53.613 ug/l
RT: 8.429 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

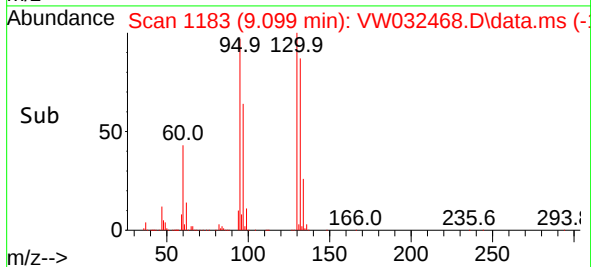
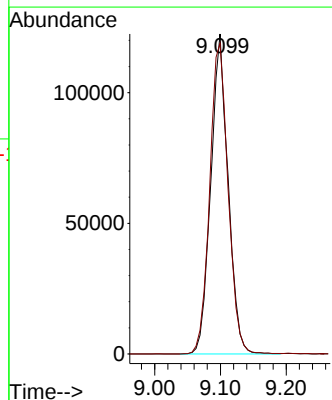
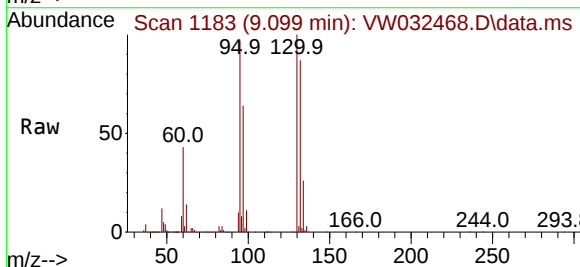
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

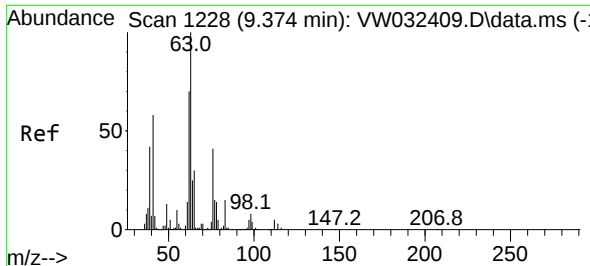
Tgt Ion: 43 Resp: 411851
Ion Ratio Lower Upper
43 100
61 28.1 22.6 33.8
87 12.7 10.6 15.8



#44
Trichloroethene
Concen: 51.355 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion:130 Resp: 224520
Ion Ratio Lower Upper
130 100
95 97.0 0.0 209.6





#45

1,2-Dichloropropane

Concen: 53.782 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

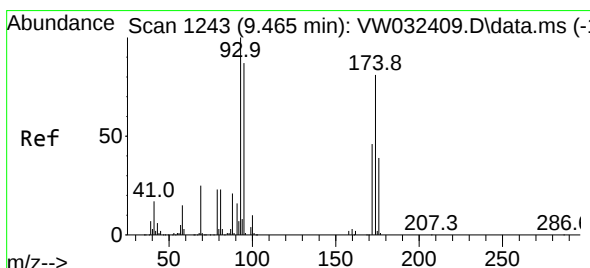
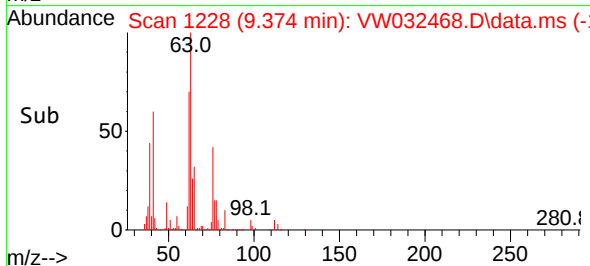
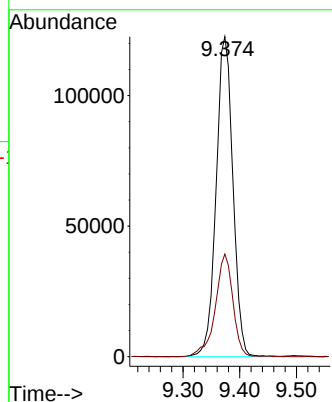
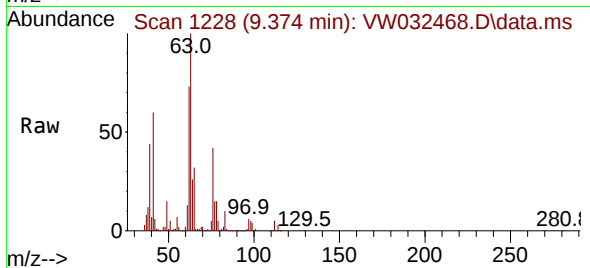
VSTDCCC050

Tgt Ion: 63 Resp: 251613

Ion Ratio Lower Upper

63 100

65 32.0 24.4 36.6



#46

Dibromomethane

Concen: 53.541 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

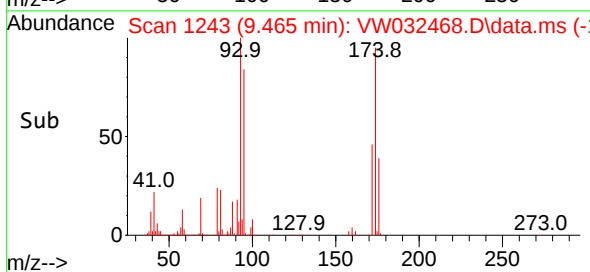
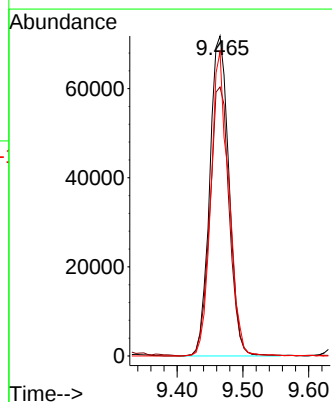
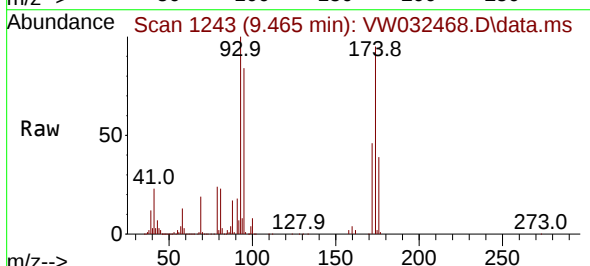
Tgt Ion: 93 Resp: 146373

Ion Ratio Lower Upper

93 100

95 85.1 67.1 100.7

174 88.1 68.2 102.4

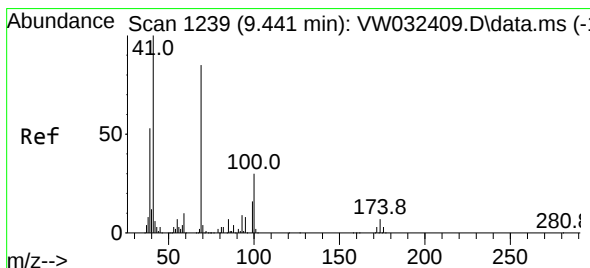
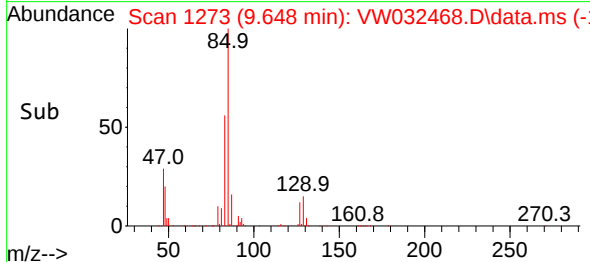
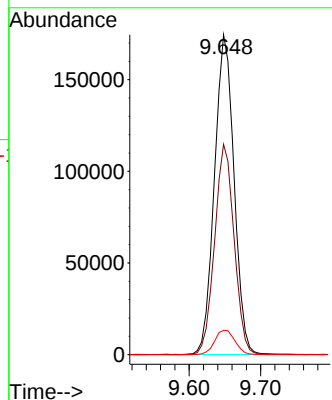
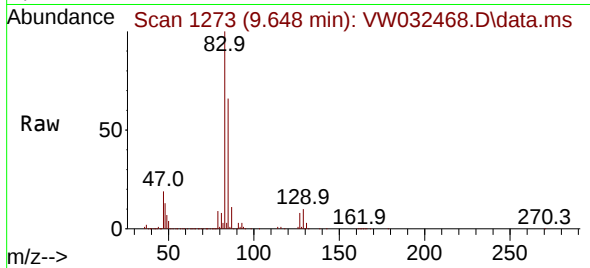




#47
Bromodichloromethane
Concen: 53.168 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

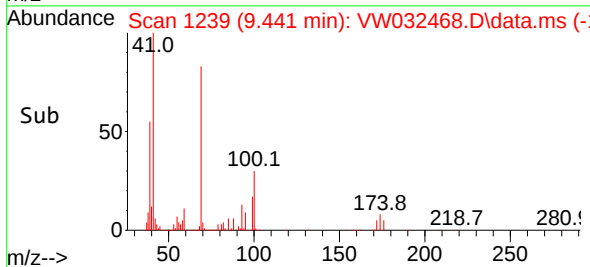
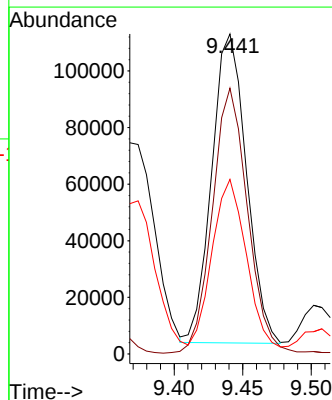
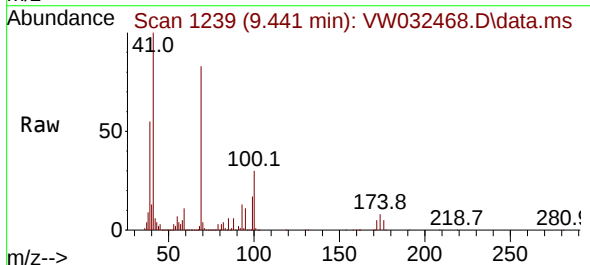
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

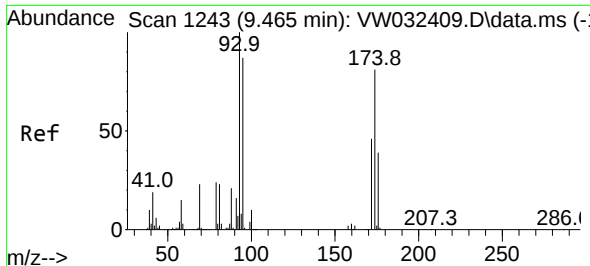
Tgt Ion: 83 Resp: 331569
Ion Ratio Lower Upper
83 100
85 65.8 48.7 73.1
127 7.6 6.3 9.5



#48
Methyl methacrylate
Concen: 52.642 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 41 Resp: 192161
Ion Ratio Lower Upper
41 100
69 88.0 65.8 98.6
39 52.9 38.6 57.8

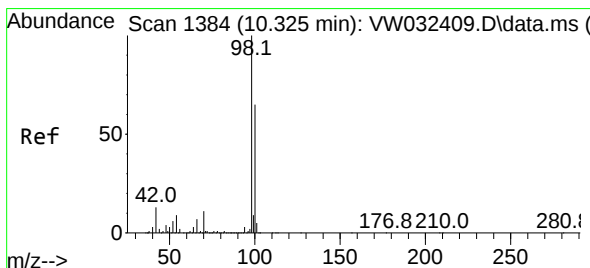
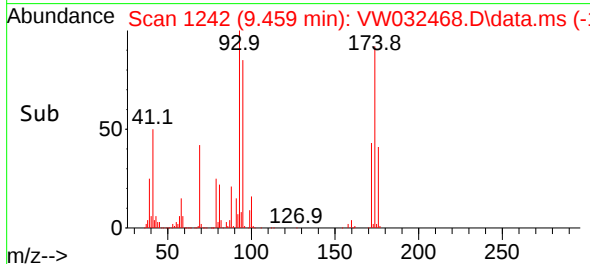
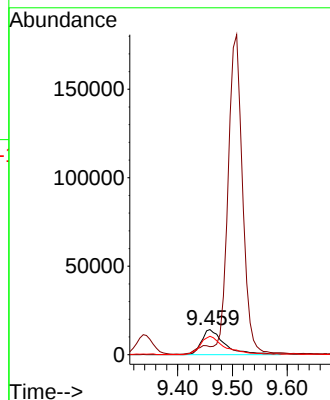
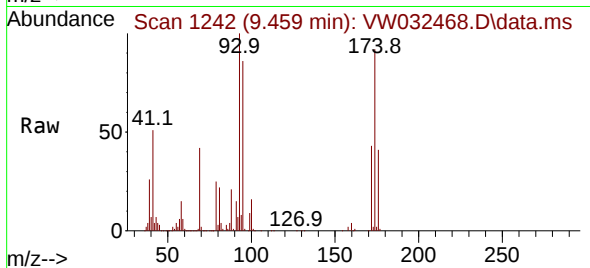




#49
1,4-Dioxane
Concen: 1084.124 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

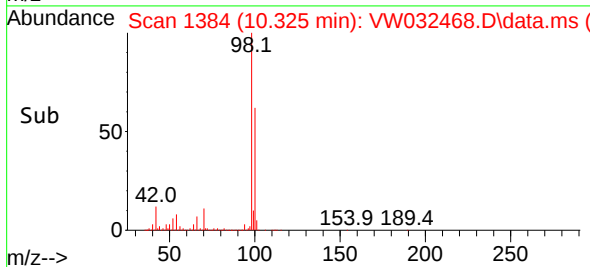
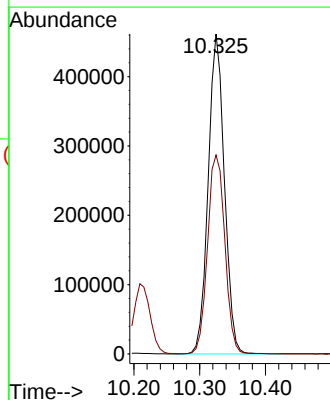
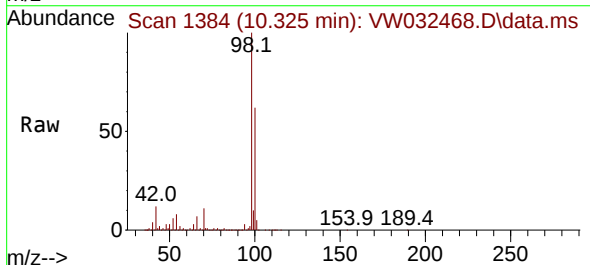
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

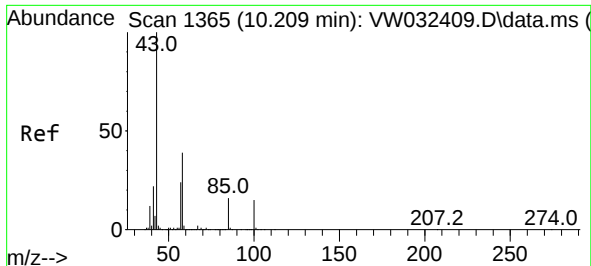
Tgt Ion: 88 Resp: 41520
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.7 63.0 94.4



#50
Toluene-d8
Concen: 52.103 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 98 Resp: 791488
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9

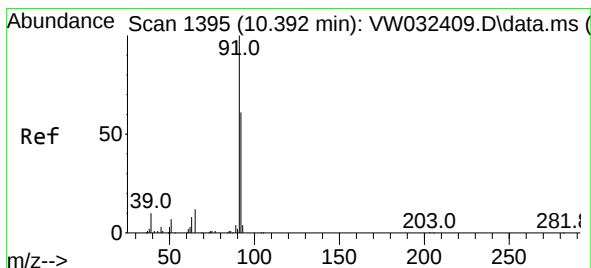
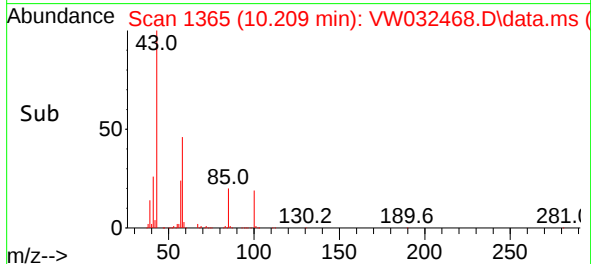
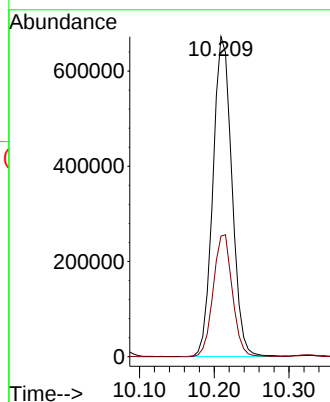
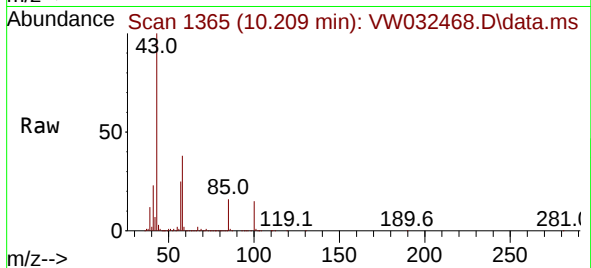




#51
4-Methyl-2-Pentanone
Concen: 280.288 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

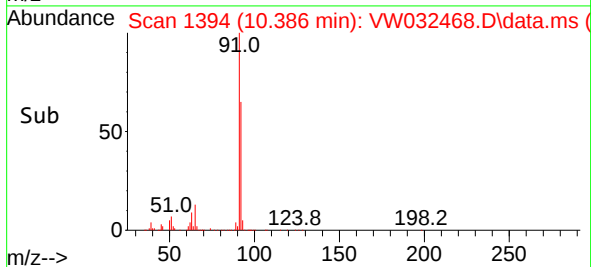
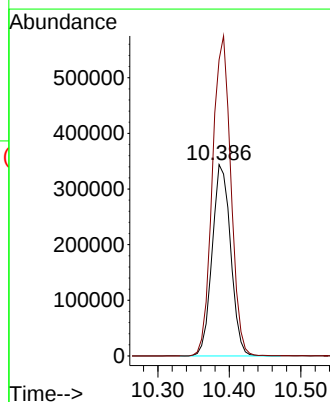
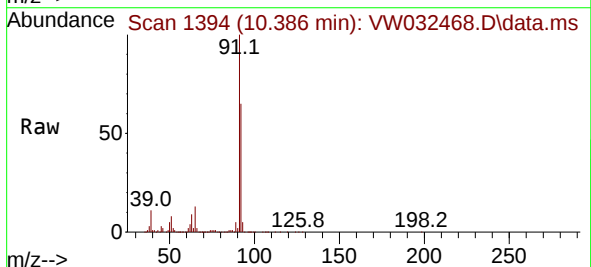
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

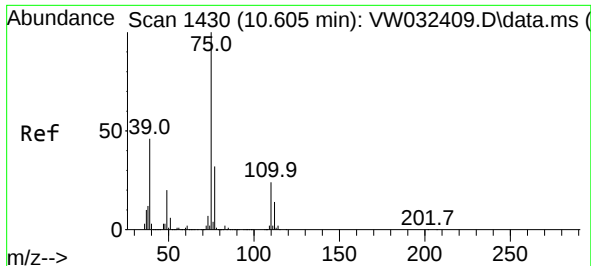
Tgt Ion: 43 Resp: 1190307
Ion Ratio Lower Upper
43 100
58 38.5 31.4 47.2



#52
Toluene
Concen: 53.044 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 92 Resp: 615596
Ion Ratio Lower Upper
92 100
91 167.5 136.6 205.0

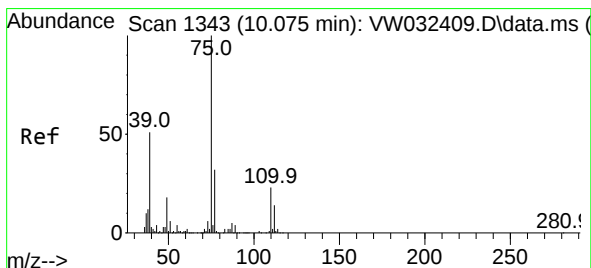
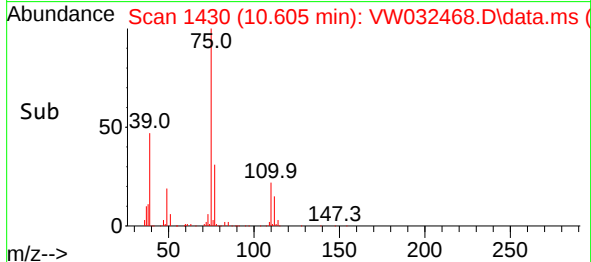
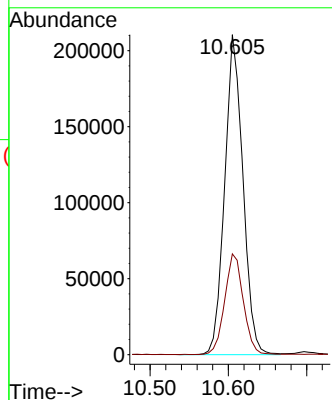
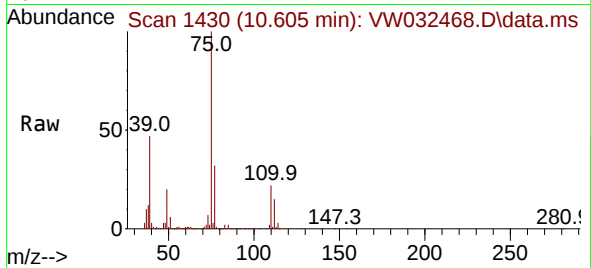




#53
t-1,3-Dichloropropene
Concen: 53.109 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

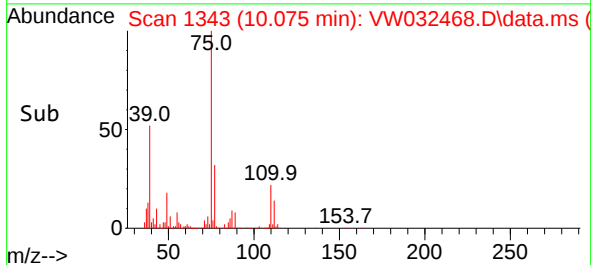
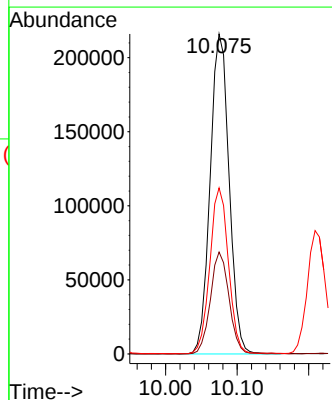
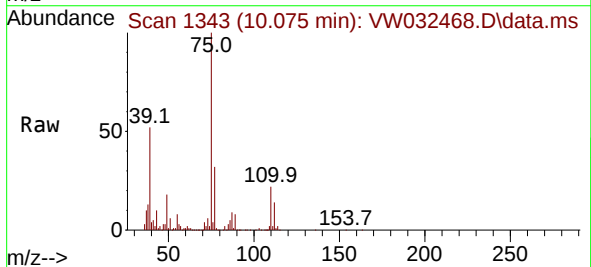
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

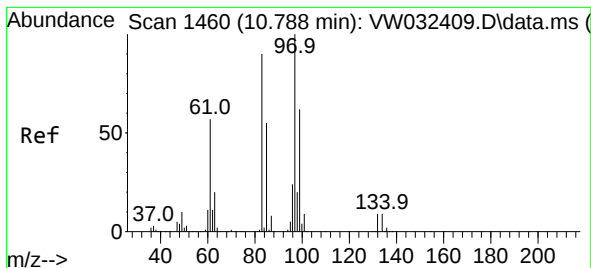
Tgt Ion: 75 Resp: 341094
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 53.482 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 75 Resp: 397223
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 51.9 40.7 61.1

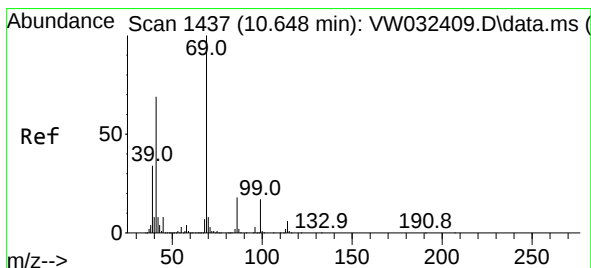
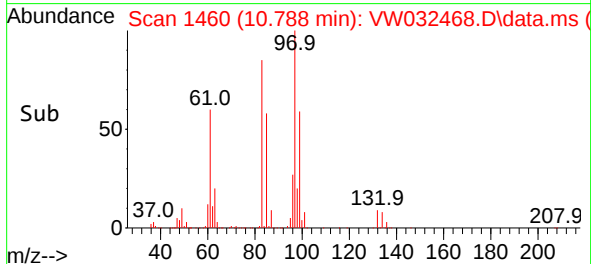
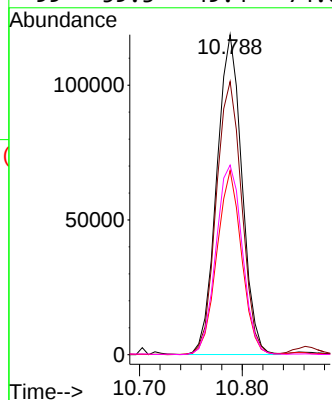
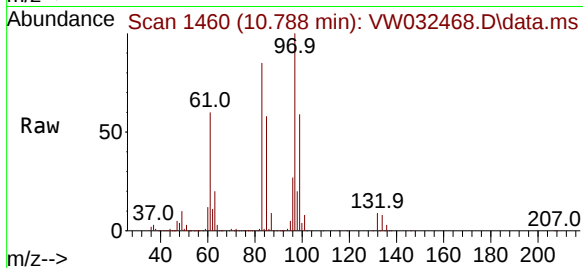




#55
1,1,2-Trichloroethane
Concen: 53.814 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

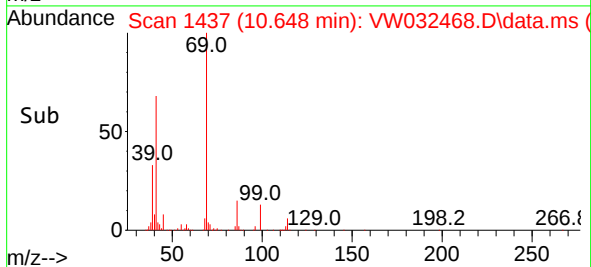
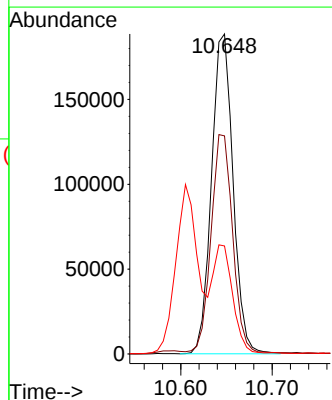
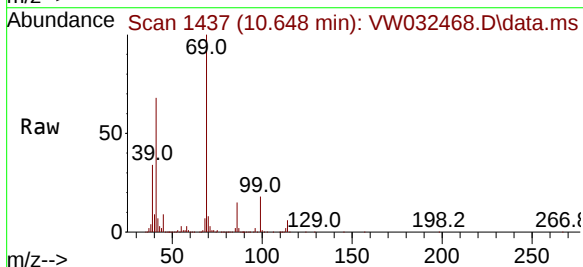
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	201824
Ion	Ratio	Lower	Upper
97	100		
83	85.3	72.2	108.4
85	57.5	43.8	65.8
99	59.3	49.4	74.0



#56
Ethyl methacrylate
Concen: 53.628 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion:	69	Resp:	308598
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.4	81.6
39	30.8	25.4	38.0





#57

1,3-Dichloropropane

Concen: 54.374 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

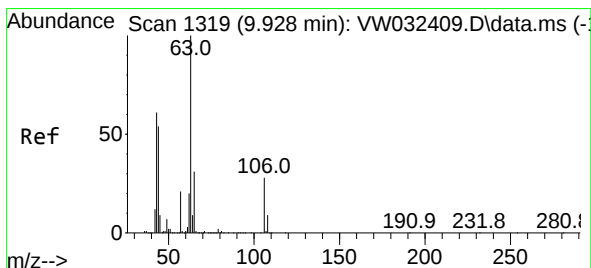
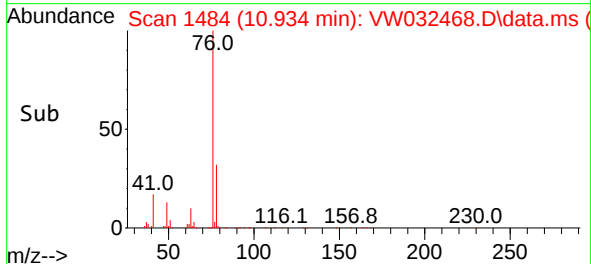
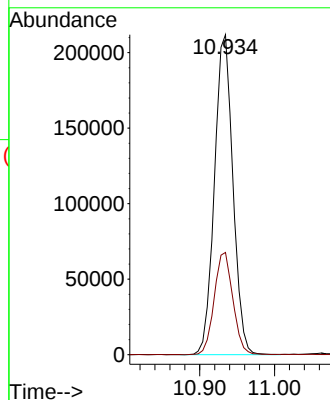
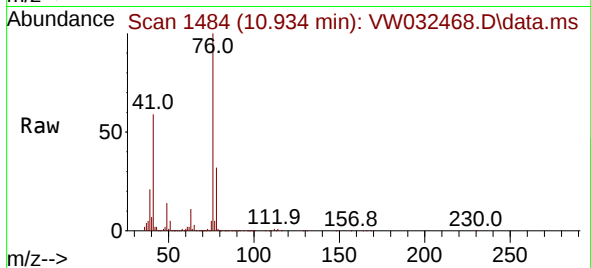
VSTDCCC050

Tgt Ion: 76 Resp: 364222

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 269.175 ug/l

RT: 9.922 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VW032468.D

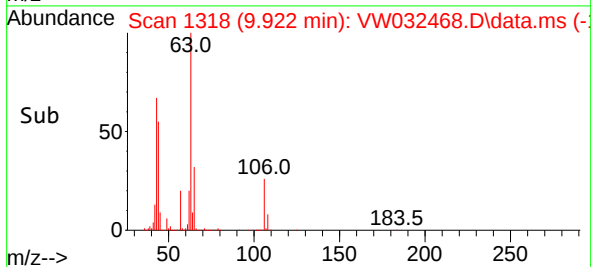
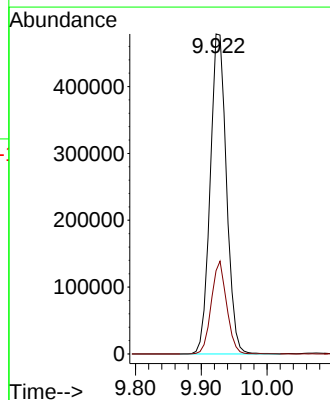
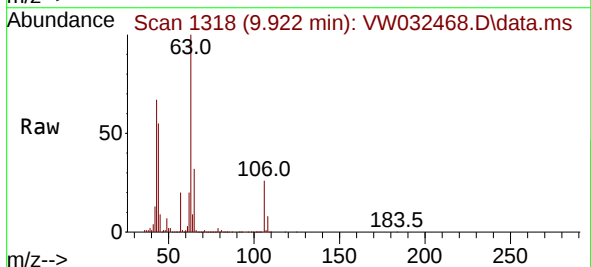
Acq: 18 Nov 2025 09:46

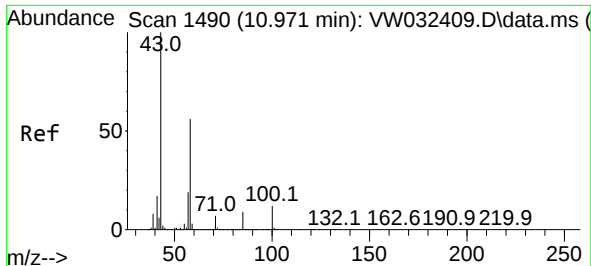
Tgt Ion: 63 Resp: 824892

Ion Ratio Lower Upper

63 100

106 27.3 22.0 33.0

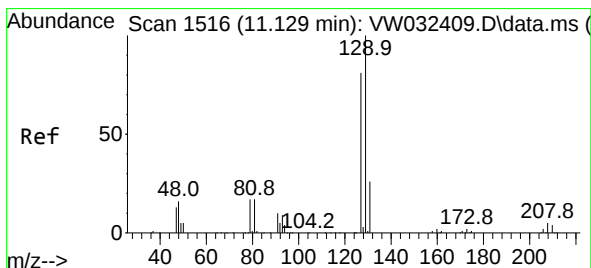
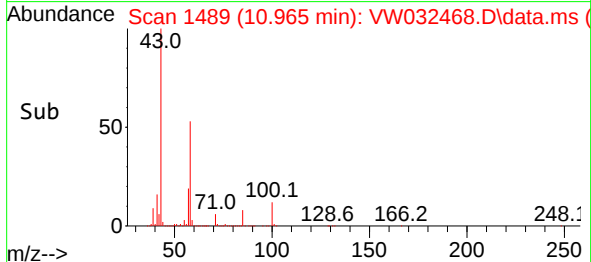
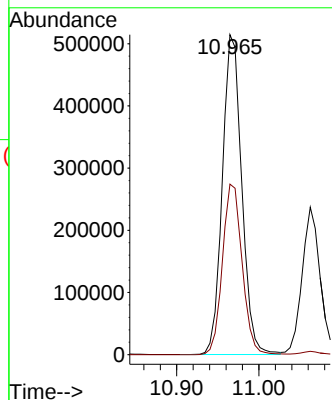
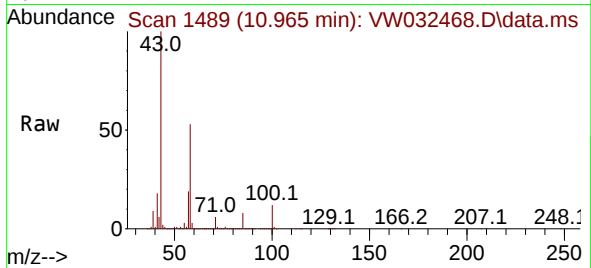




#59
2-Hexanone
Concen: 271.260 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

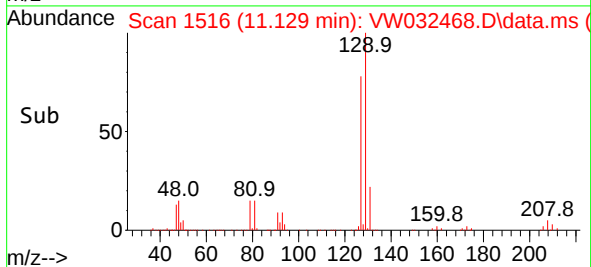
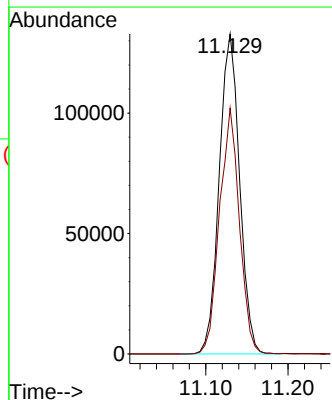
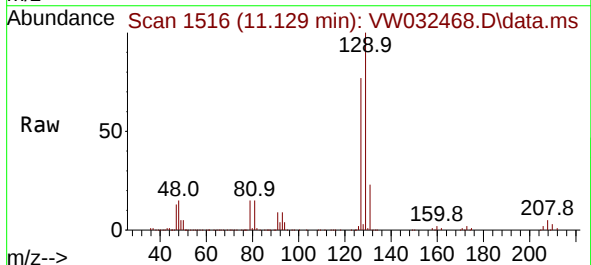
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

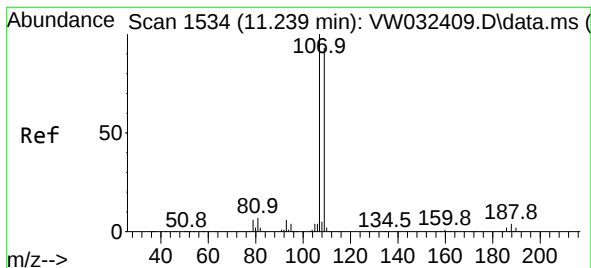
Tgt Ion: 43 Resp: 842820
Ion Ratio Lower Upper
43 100
58 54.1 27.4 82.2



#60
Dibromochloromethane
Concen: 54.705 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion:129 Resp: 229117
Ion Ratio Lower Upper
129 100
127 75.0 39.2 117.6

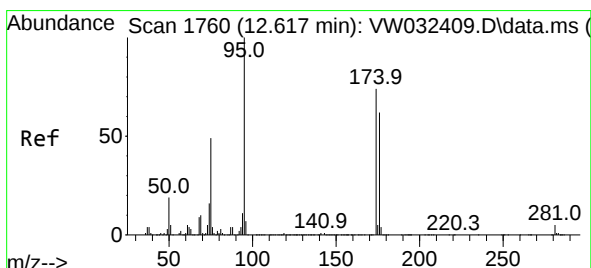
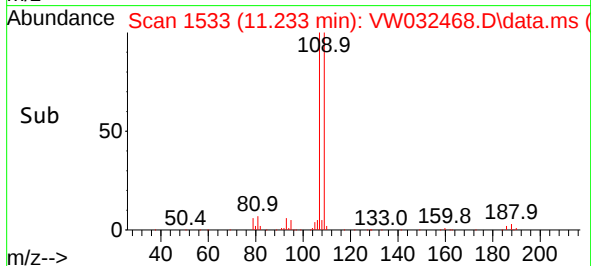
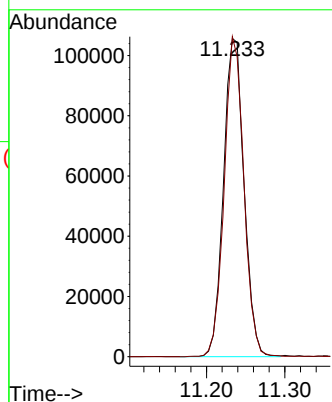
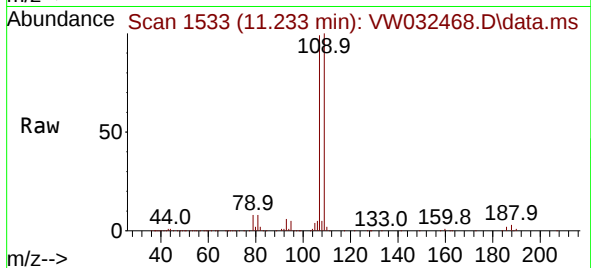




#61
1,2-Dibromoethane
Concen: 52.728 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

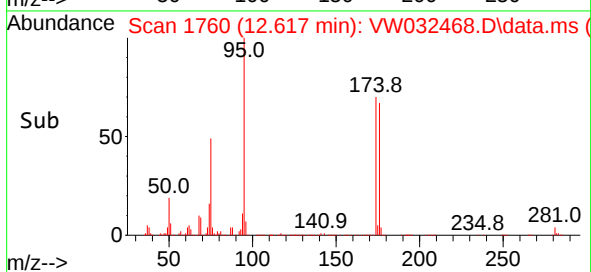
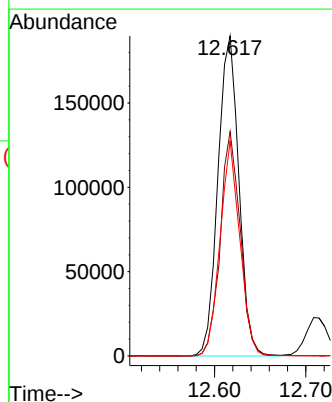
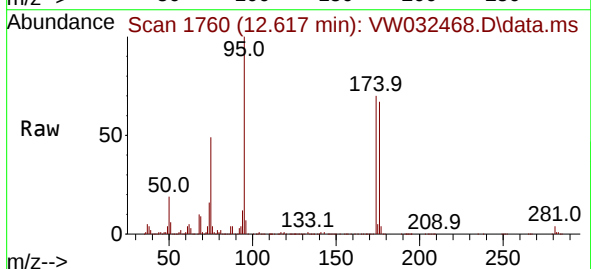
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

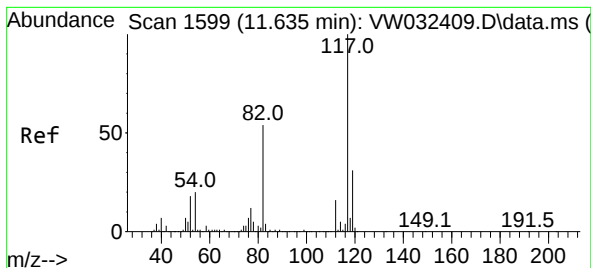
Tgt Ion:107 Resp: 192605
Ion Ratio Lower Upper
107 100
109 96.3 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 52.705 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 95 Resp: 302447
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.4
176 63.4 0.0 131.8

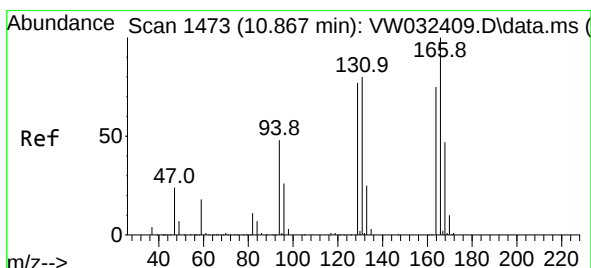
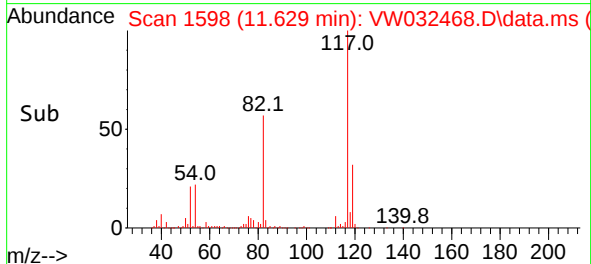
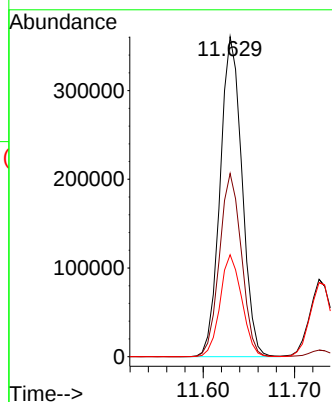
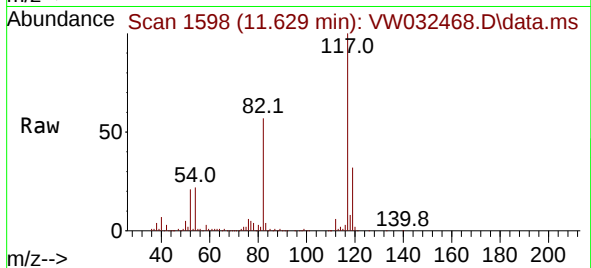




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

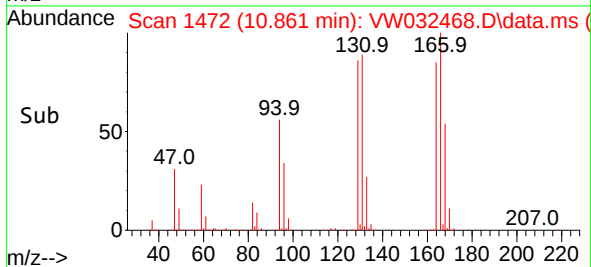
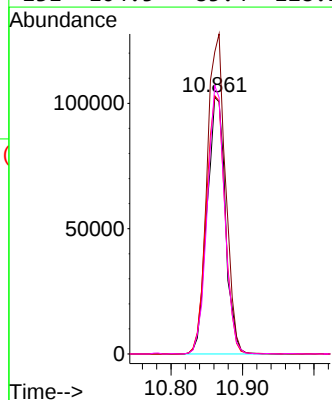
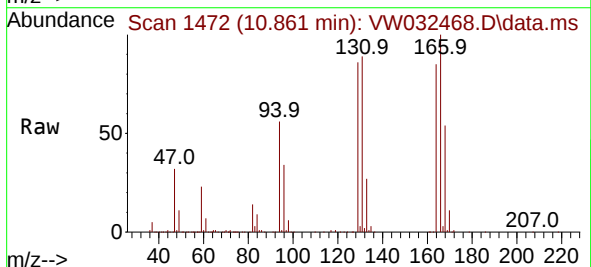
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 600329
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 31.8 25.0 37.6



#64
Tetrachloroethene
Concen: 51.177 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion:164 Resp: 181935
Ion Ratio Lower Upper
164 100
166 117.6 107.0 160.4
129 100.6 82.9 124.3
131 104.5 85.4 128.2





#65

Chlorobenzene

Concen: 52.797 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

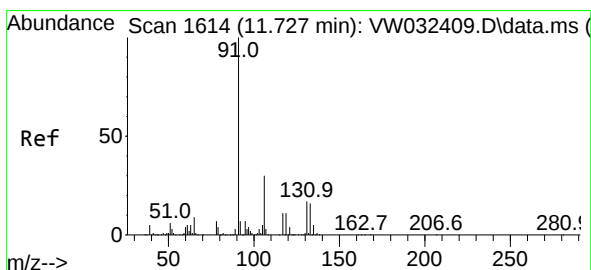
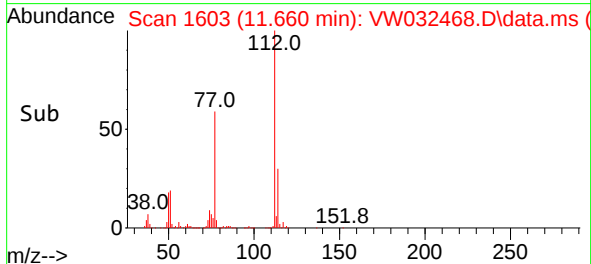
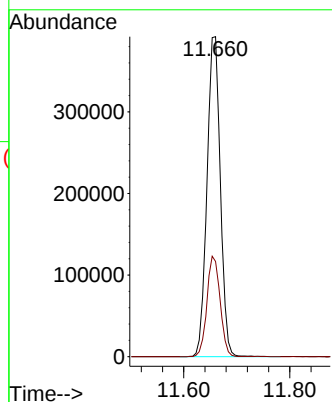
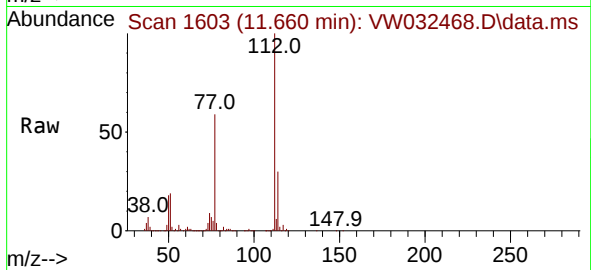
VSTDCCC050

Tgt Ion:112 Resp: 683155

Ion Ratio Lower Upper

112 100

114 29.8 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.606 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

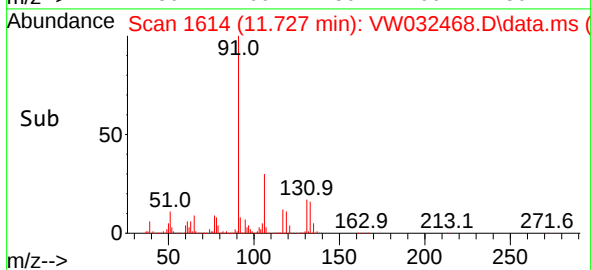
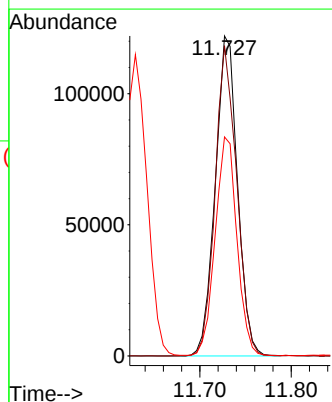
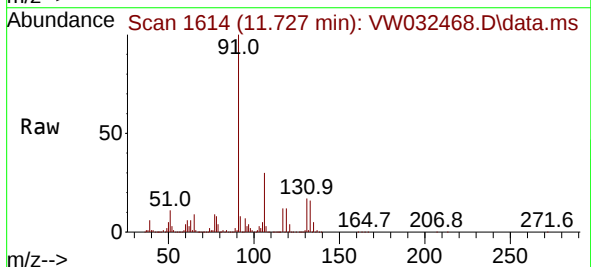
Tgt Ion:131 Resp: 206652

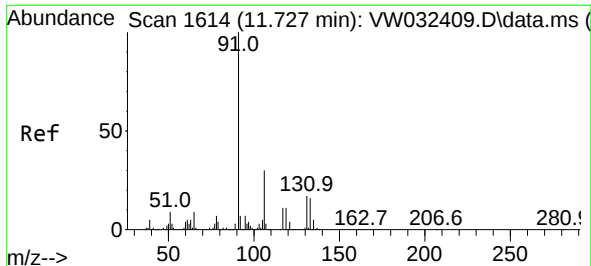
Ion Ratio Lower Upper

131 100

133 94.0 46.9 140.6

119 67.1 33.4 100.2





#67

Ethyl Benzene

Concen: 52.053 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

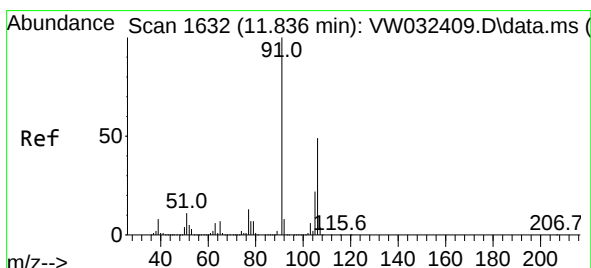
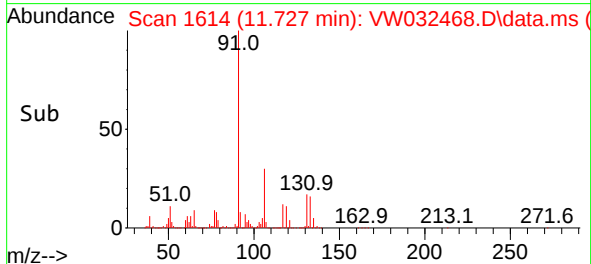
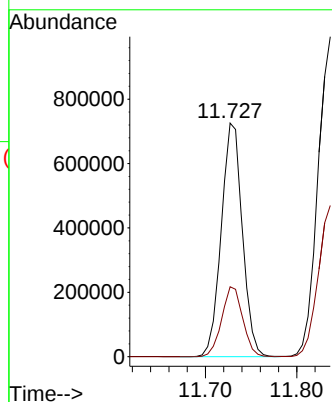
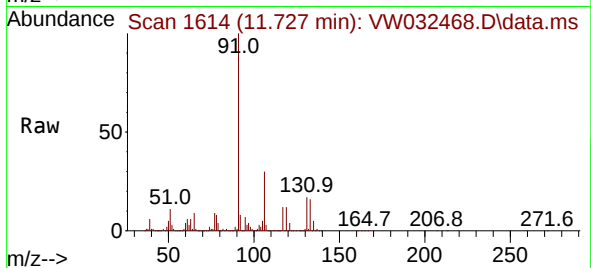
VSTDCCC050

Tgt Ion: 91 Resp: 1165404

Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.2



#68

m/p-Xylenes

Concen: 104.685 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032468.D

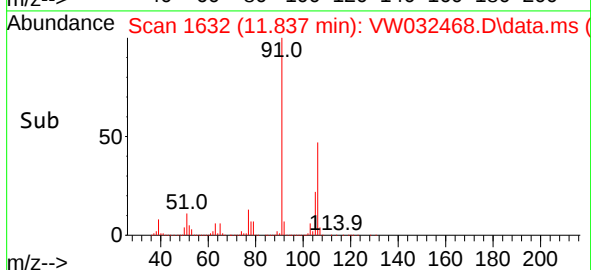
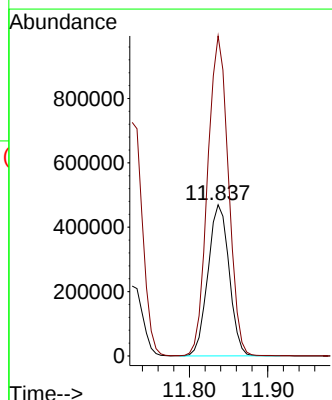
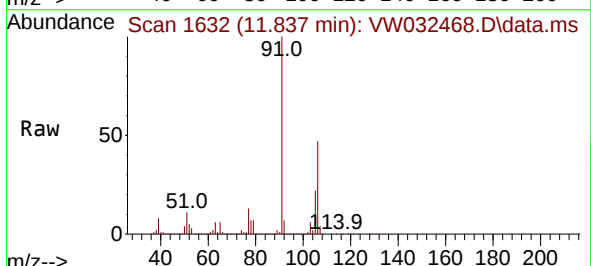
Acq: 18 Nov 2025 09:46

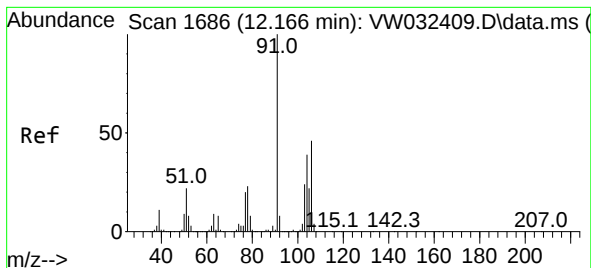
Tgt Ion:106 Resp: 879989

Ion Ratio Lower Upper

106 100

91 208.5 165.5 248.3

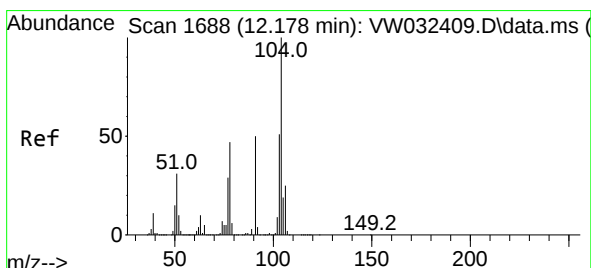
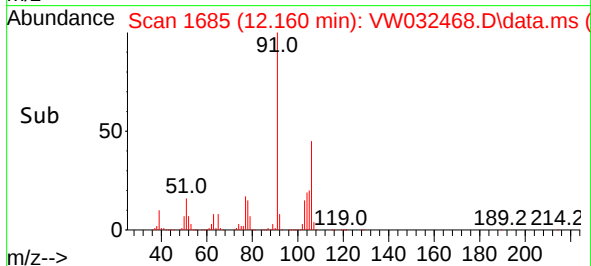
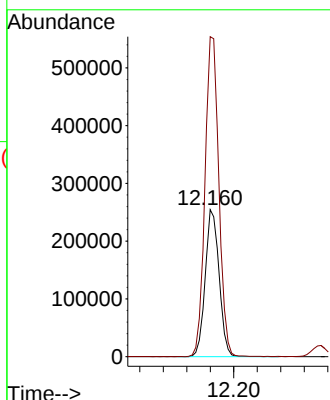
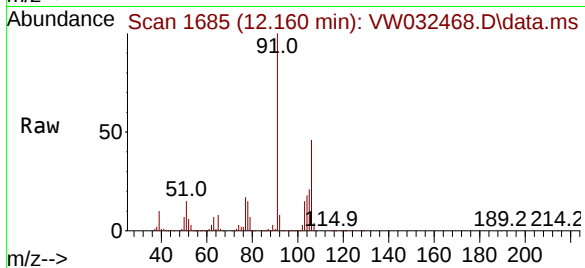




#69
o-Xylene
Concen: 51.736 ug/l
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

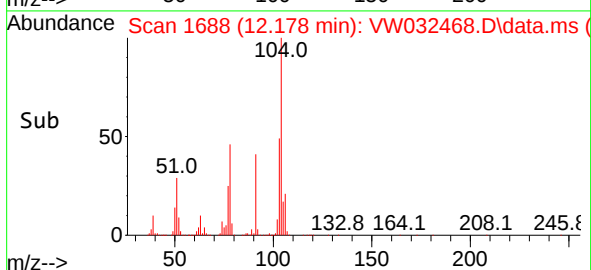
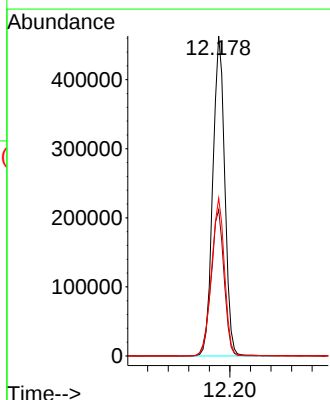
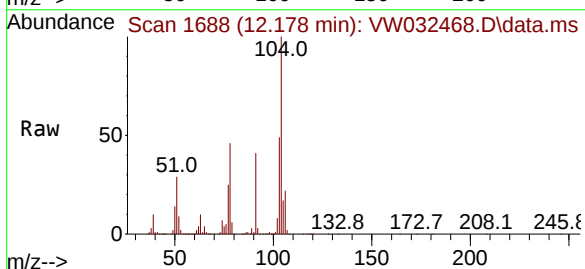
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

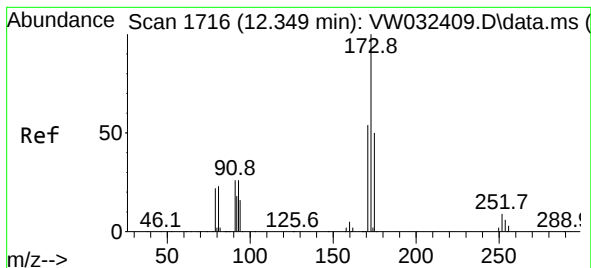
Tgt Ion:106 Resp: 416410
Ion Ratio Lower Upper
106 100
91 218.0 109.3 327.8



#70
Styrene
Concen: 54.163 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion:104 Resp: 749932
Ion Ratio Lower Upper
104 100
78 49.3 40.7 61.1
103 53.1 43.9 65.9





#71

Bromoform

Concen: 51.441 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

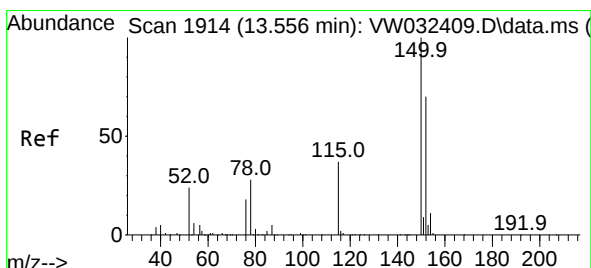
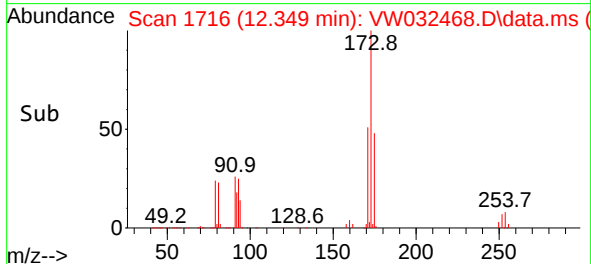
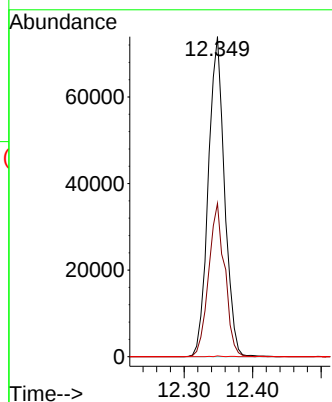
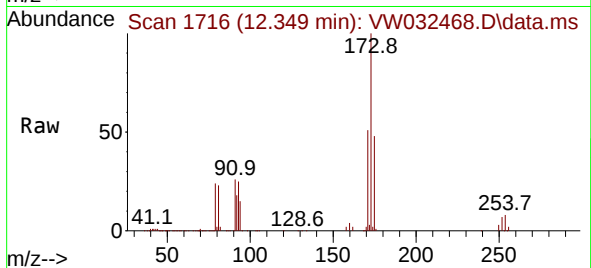
Tgt Ion:173 Resp: 122012

Ion Ratio Lower Upper

173 100

175 47.5 25.1 75.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

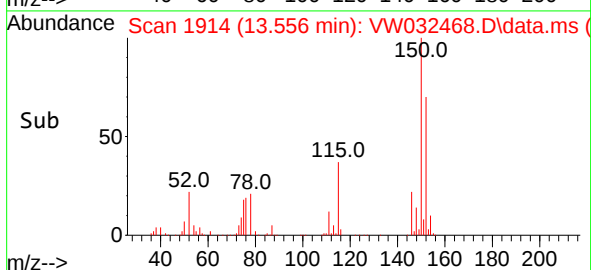
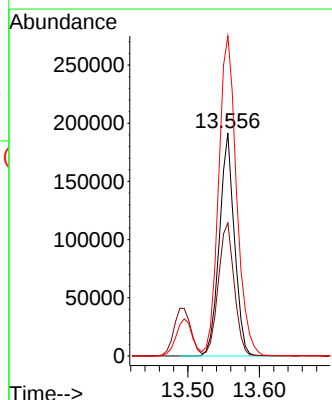
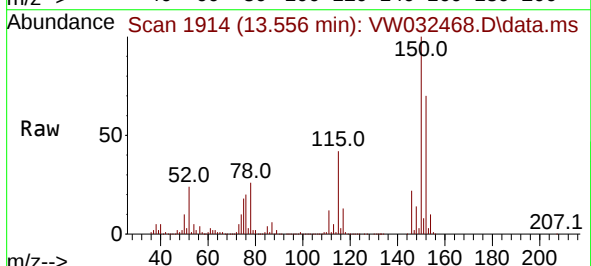
Tgt Ion:152 Resp: 279351

Ion Ratio Lower Upper

152 100

115 63.1 32.8 98.3

150 170.7 0.0 356.6





#73

Isopropylbenzene

Concen: 51.031 ug/l

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

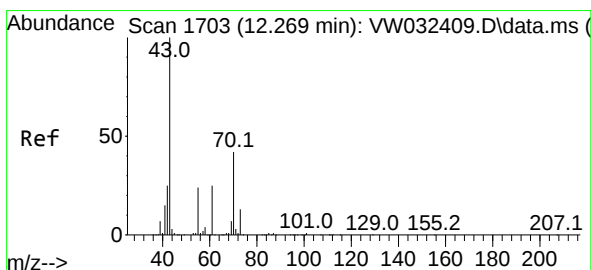
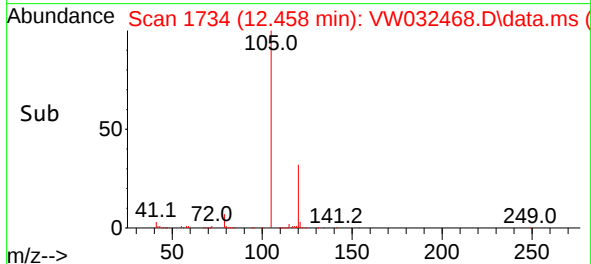
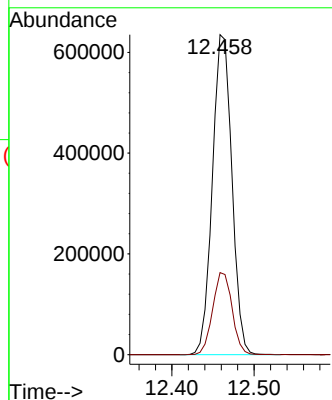
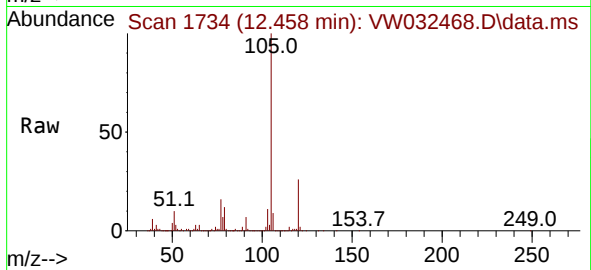
VSTDCCC050

Tgt Ion:105 Resp: 1046985

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.5



#74

N-ethyl acetate

Concen: 52.531 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Tgt Ion: 43 Resp: 374507

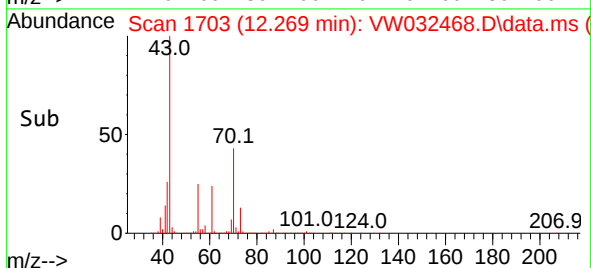
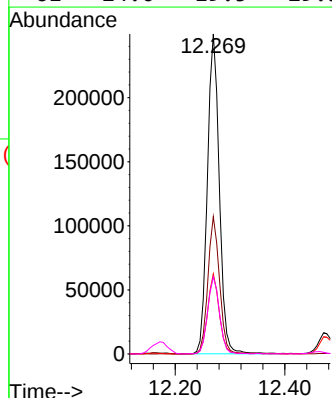
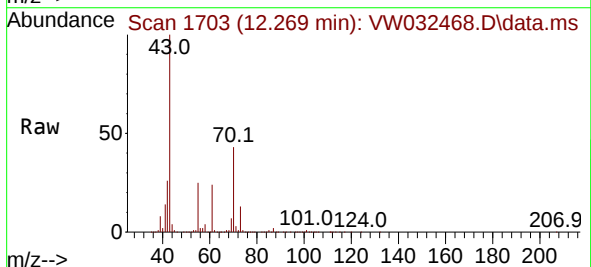
Ion Ratio Lower Upper

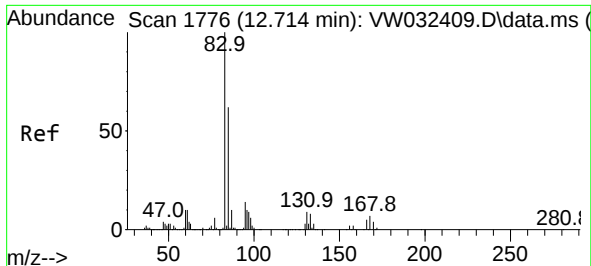
43 100

70 42.0 33.5 50.3

55 24.6 19.3 28.9

61 24.0 19.5 29.3

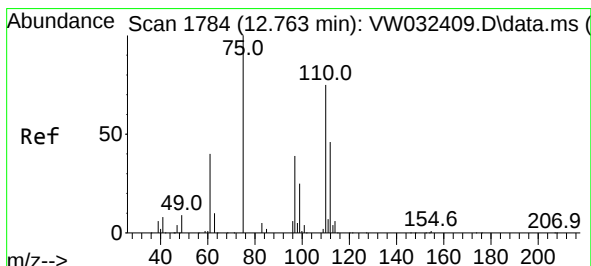
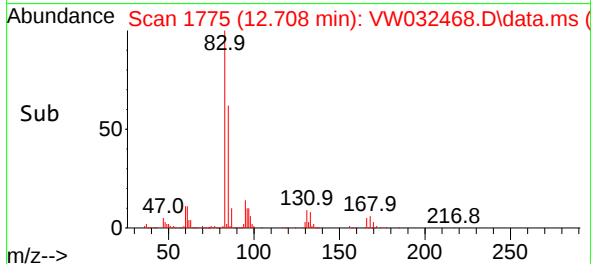
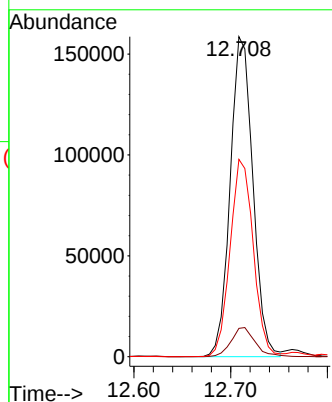
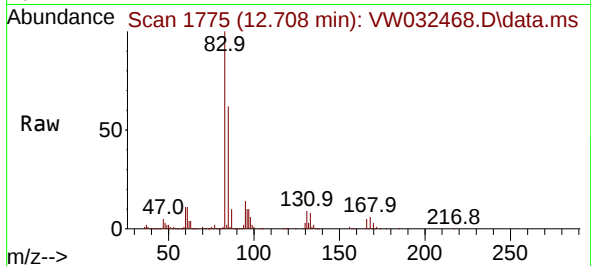




#75
1,1,2,2-Tetrachloroethane
Concen: 53.204 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

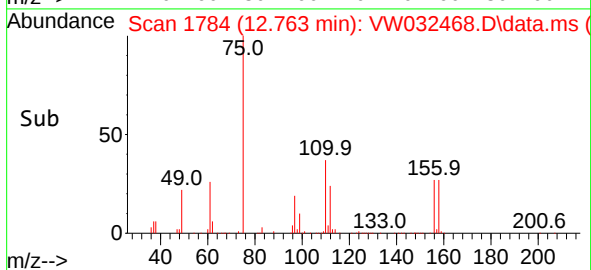
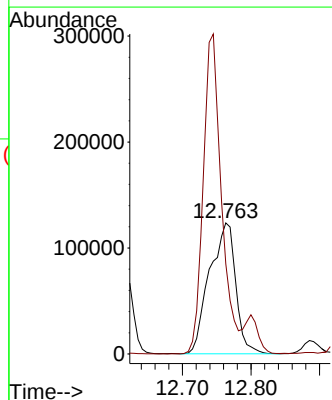
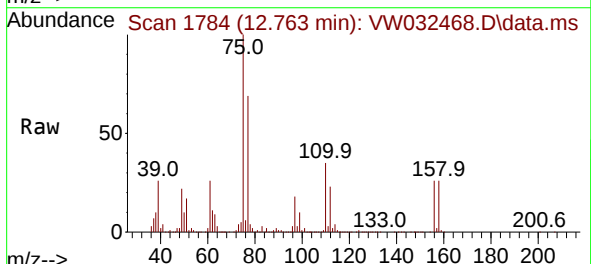
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

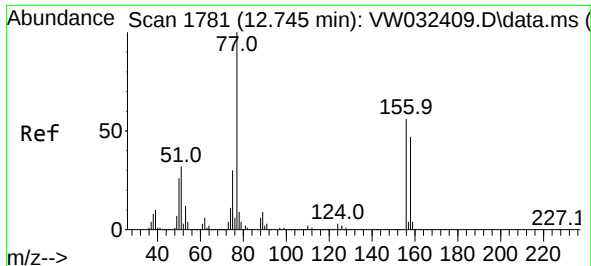
Tgt Ion: 83 Resp: 259052
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 63.1 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 85.460 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 75 Resp: 327344
Ion Ratio Lower Upper
75 100
77 169.9 151.6 454.8

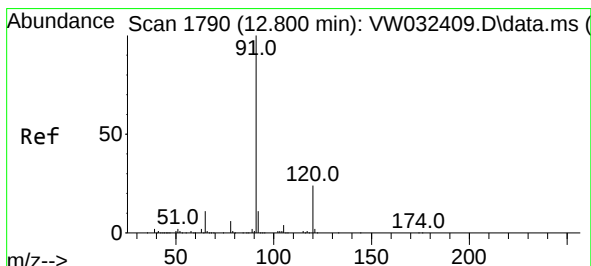
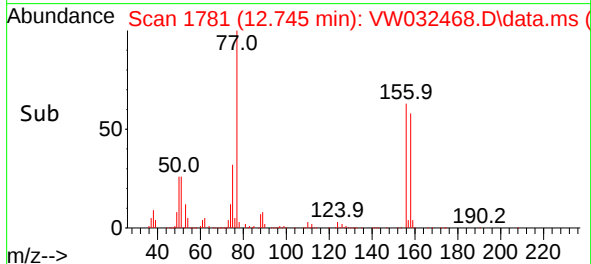
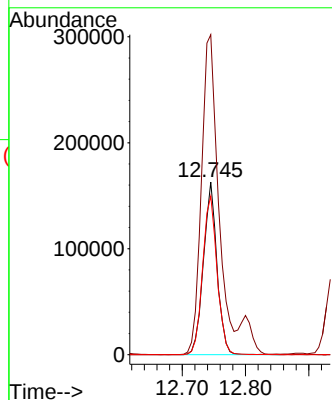
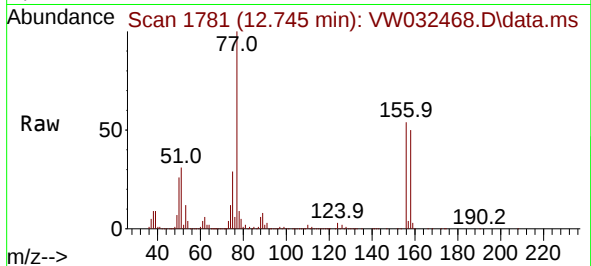




#77
Bromobenzene
Concen: 50.156 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

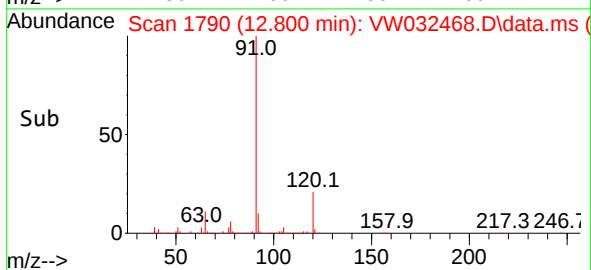
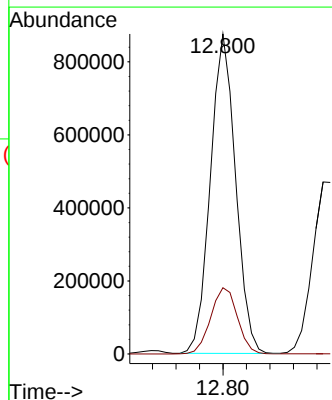
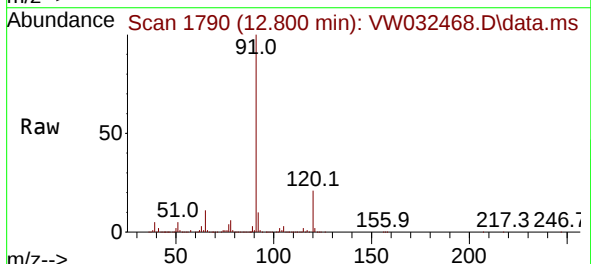
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

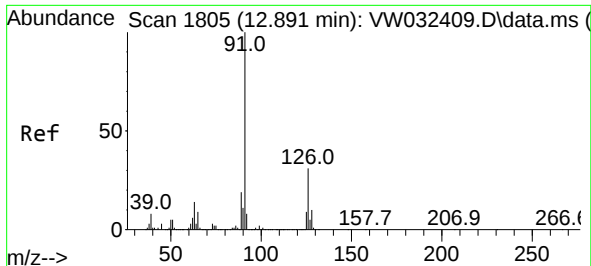
Tgt Ion:156 Resp: 243636
Ion Ratio Lower Upper
156 100
77 228.3 108.0 324.0
158 97.6 45.1 135.5



#78
n-propylbenzene
Concen: 52.197 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 91 Resp: 1304152
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9

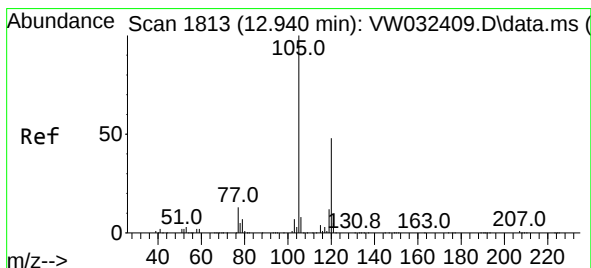
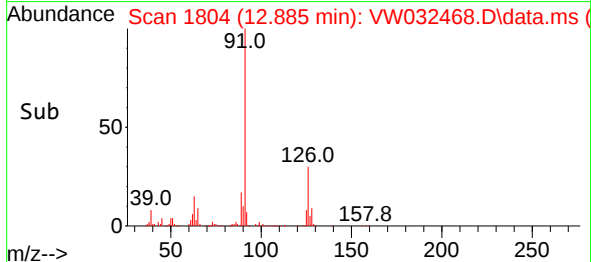
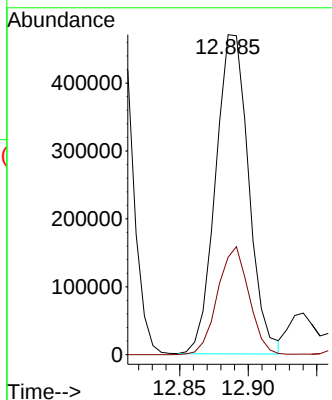
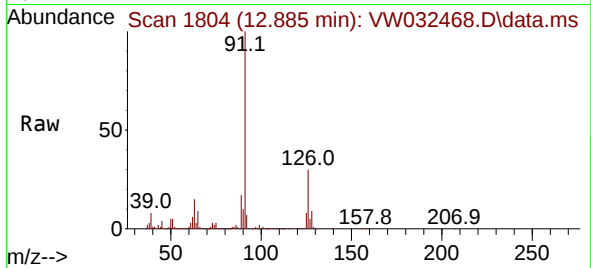




#79
2-Chlorotoluene
Concen: 51.870 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

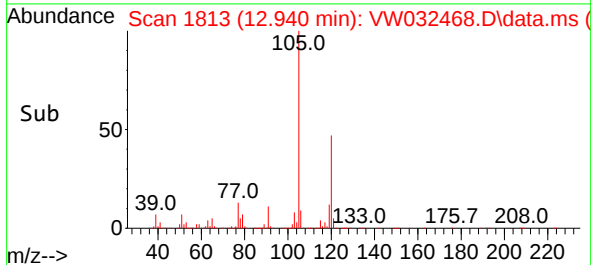
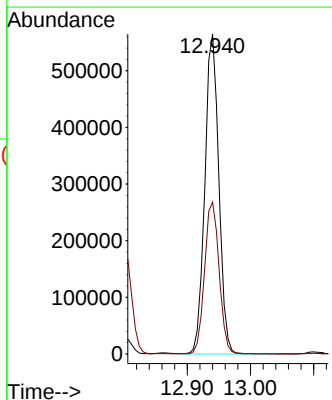
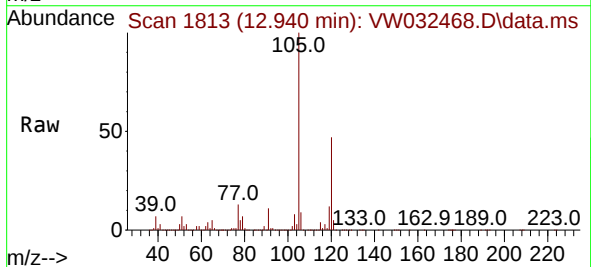
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ClientSampleId :
VSTDCCC050

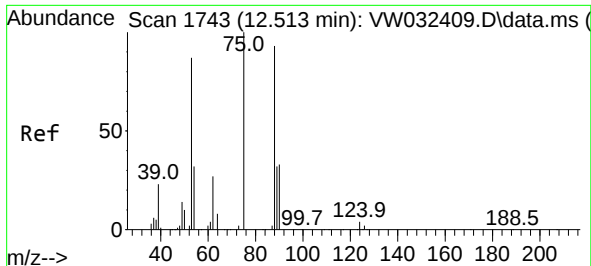
Tgt Ion: 91 Resp: 791141
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 51.383 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 105 Resp: 869708
Ion Ratio Lower Upper
105 100
120 49.3 24.2 72.6

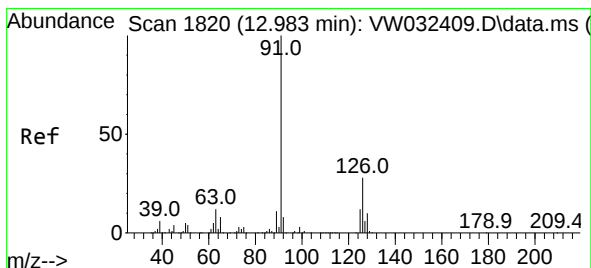
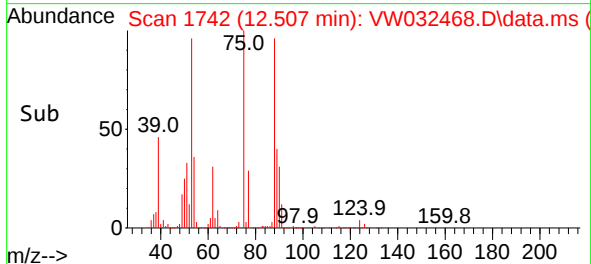
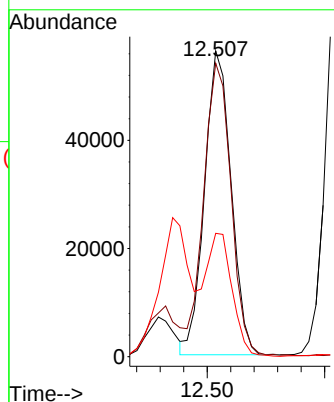
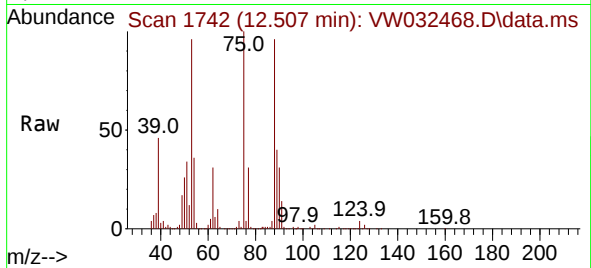




#81
trans-1,4-Dichloro-2-butene
Concen: 52.849 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

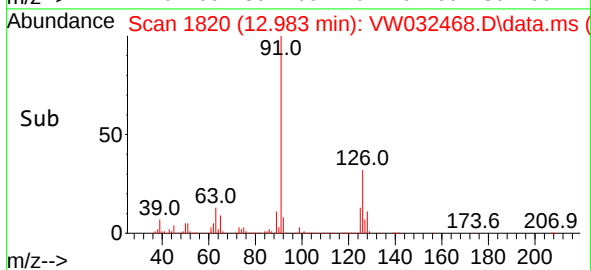
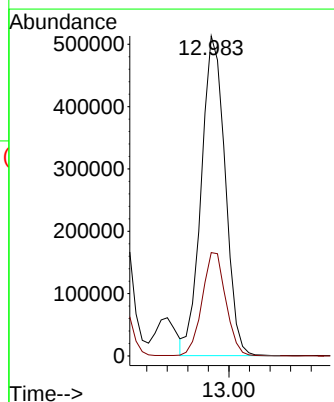
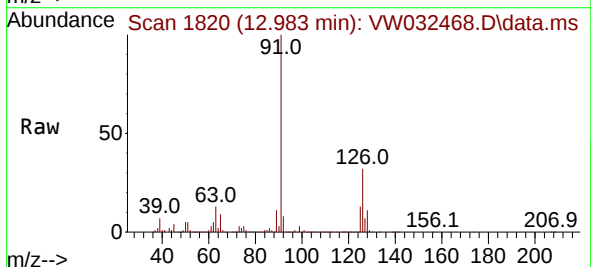
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

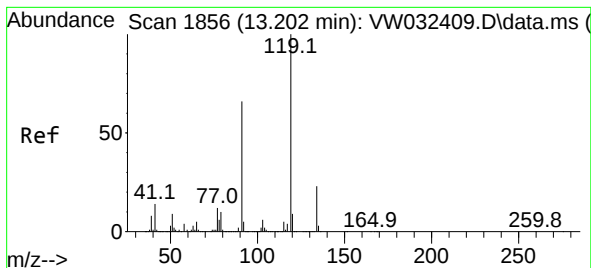
Tgt Ion:	75	Resp:	88381
Ion	Ratio	Lower	Upper
75	100		
53	98.6	77.8	116.8
89	42.0	35.6	53.4



#82
4-Chlorotoluene
Concen: 52.044 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion:	91	Resp:	825619
Ion	Ratio	Lower	Upper
91	100		
126	32.3	15.5	46.5

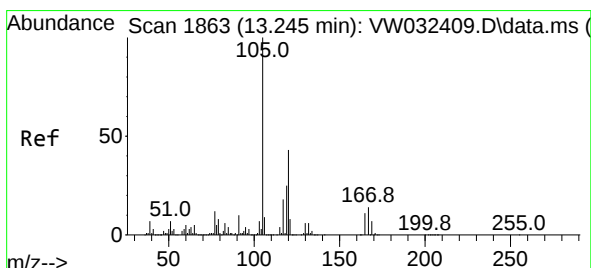
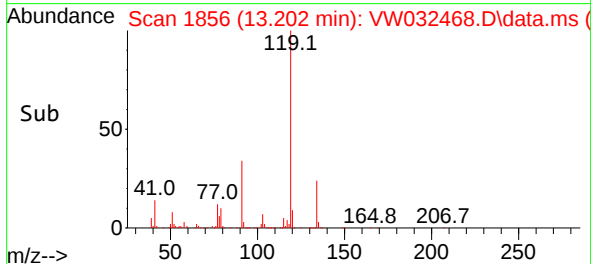
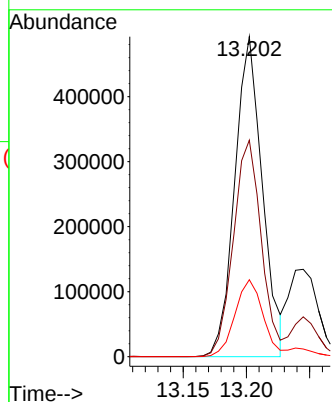
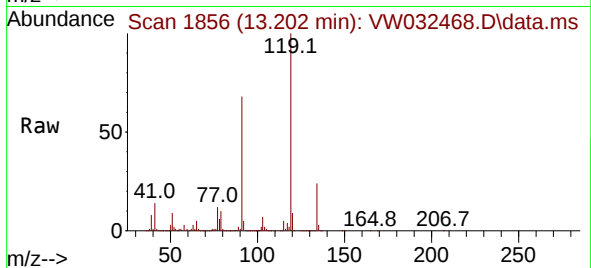




#83
tert-Butylbenzene
Concen: 50.819 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

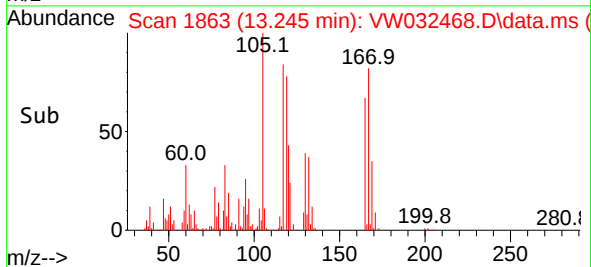
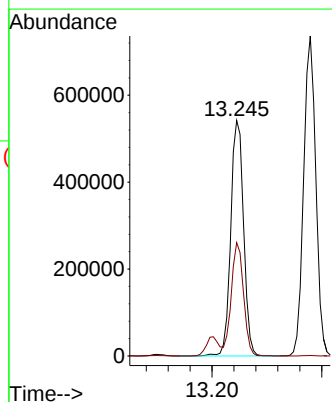
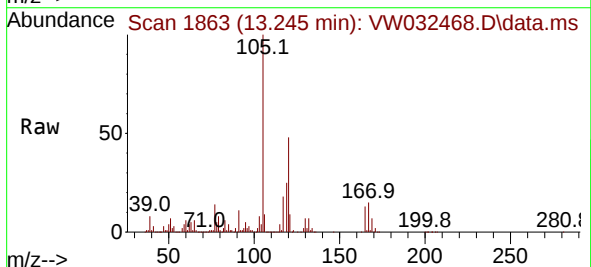
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

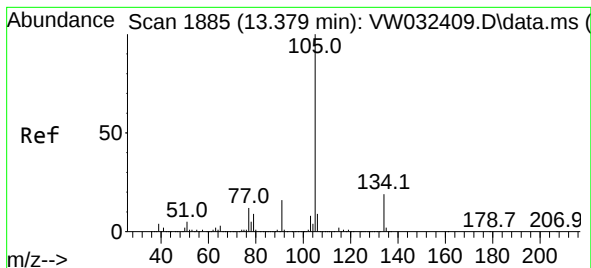
Tgt Ion:119 Resp: 748267
Ion Ratio Lower Upper
119 100
91 68.5 33.3 99.9
134 24.7 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 51.198 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion:105 Resp: 881411
Ion Ratio Lower Upper
105 100
120 45.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 51.542 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

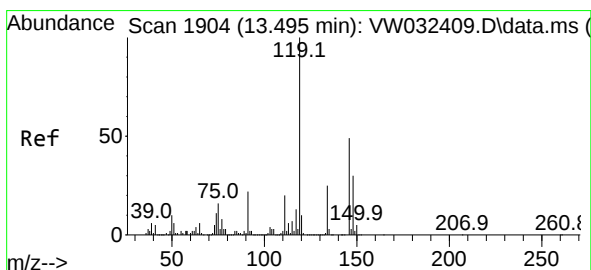
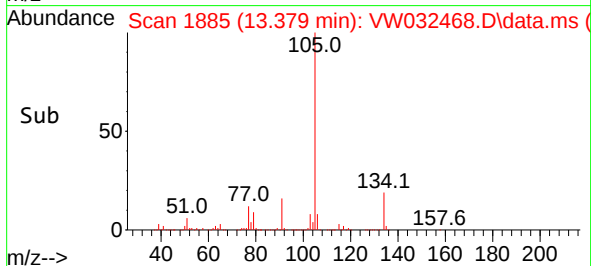
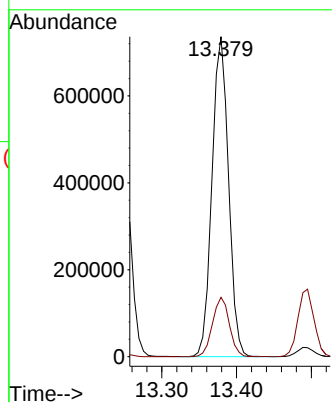
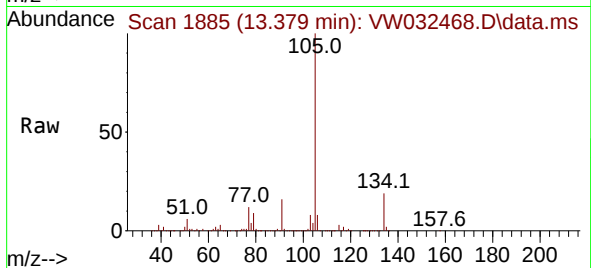
VSTDCCC050

Tgt Ion:105 Resp: 1130247

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.982 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

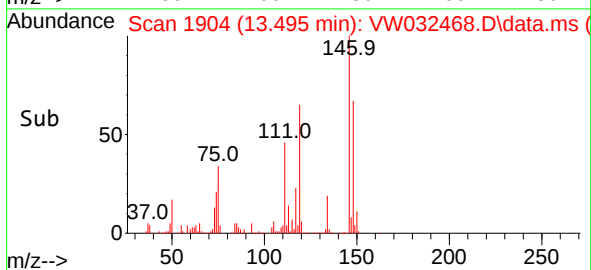
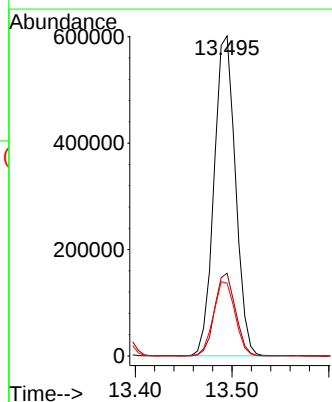
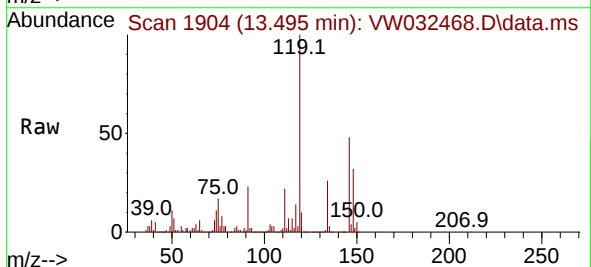
Tgt Ion:119 Resp: 923050

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

91 23.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.971 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

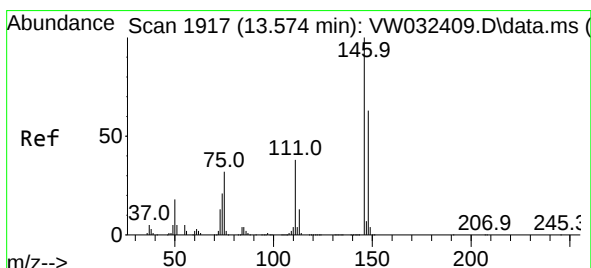
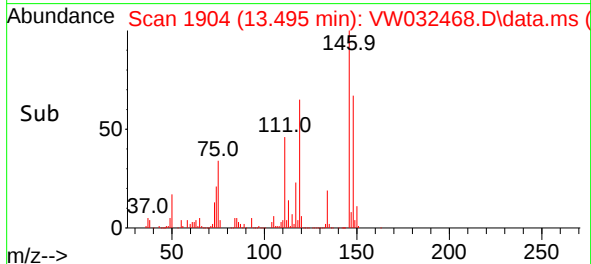
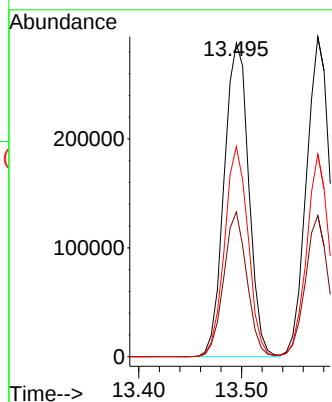
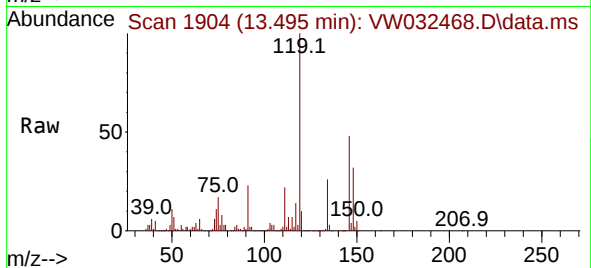
Tgt Ion:146 Resp: 478644

Ion Ratio Lower Upper

146 100

111 43.4 22.2 66.6

148 64.0 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 50.052 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

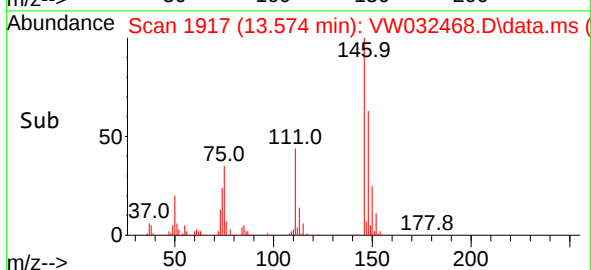
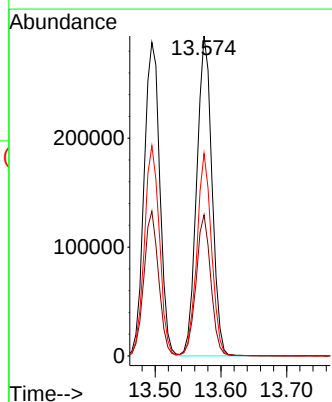
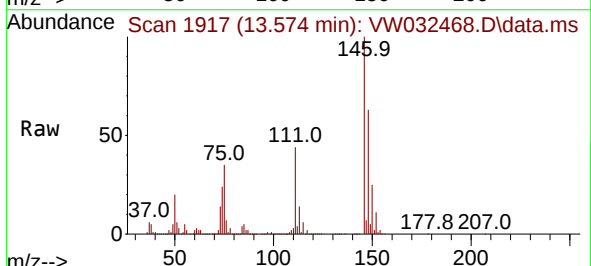
Tgt Ion:146 Resp: 472264

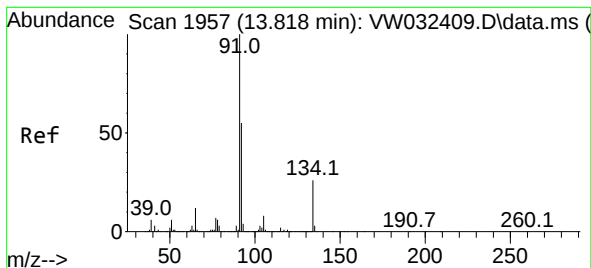
Ion Ratio Lower Upper

146 100

111 42.9 20.5 61.6

148 60.9 31.2 93.6





#89

n-Butylbenzene

Concen: 50.342 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

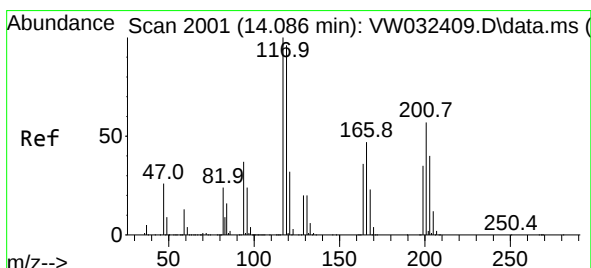
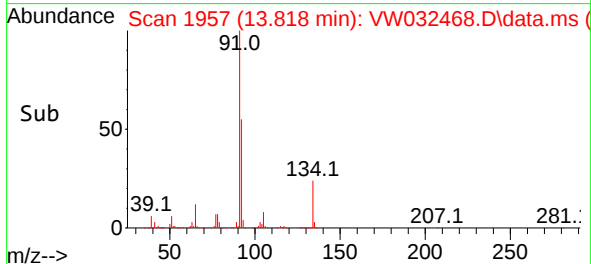
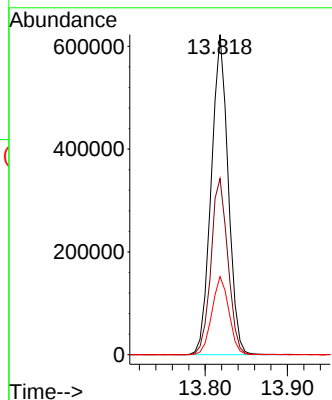
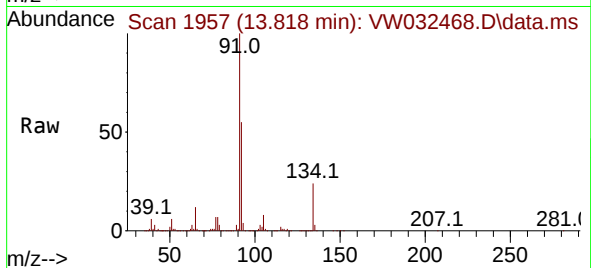
Tgt Ion: 91 Resp: 890478

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.2

134 24.4 12.4 37.4



#90

Hexachloroethane

Concen: 50.539 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032468.D

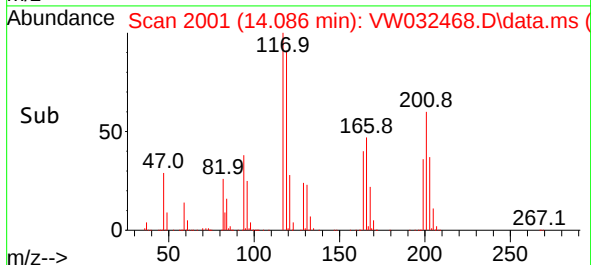
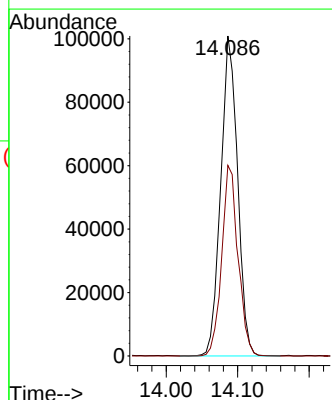
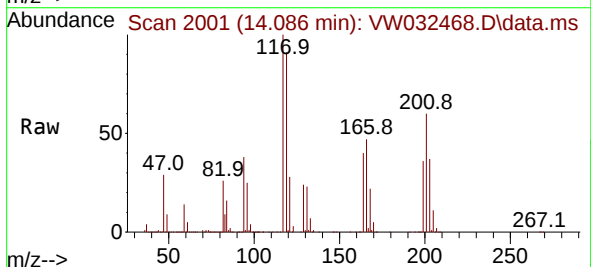
Acq: 18 Nov 2025 09:46

Tgt Ion: 117 Resp: 164982

Ion Ratio Lower Upper

117 100

201 57.8 32.0 96.0

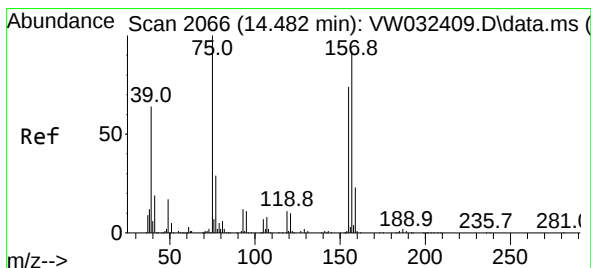
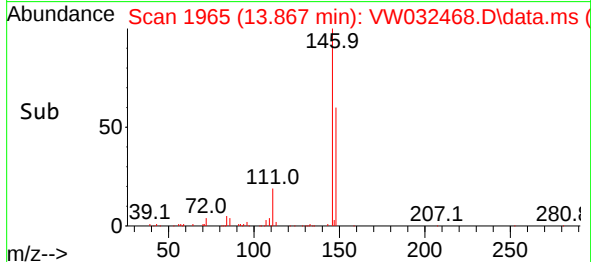
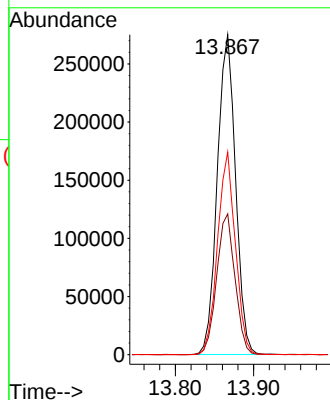
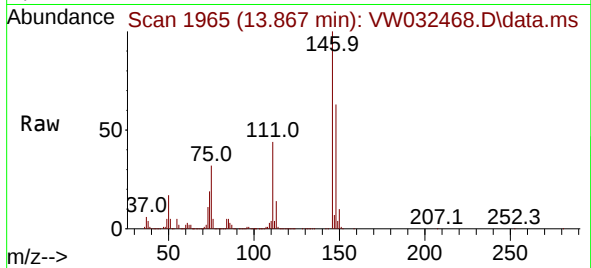




#91
1,2-Dichlorobenzene
Concen: 52.805 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

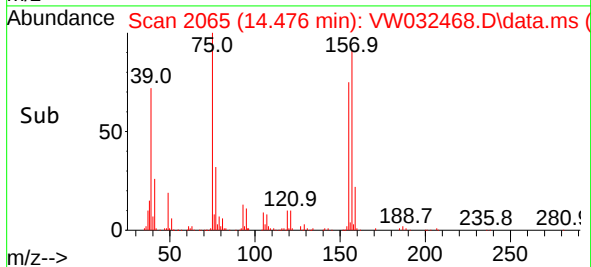
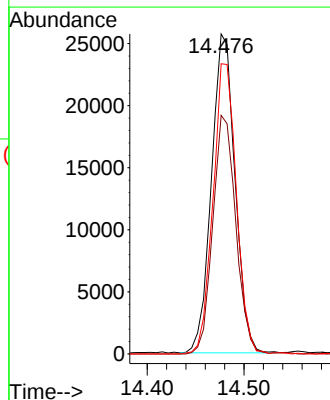
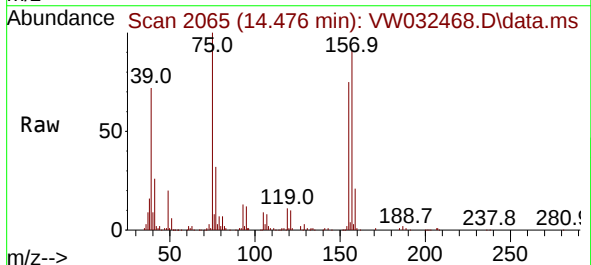
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 446439
Ion Ratio Lower Upper
146 100
111 44.2 23.4 70.2
148 61.8 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.729 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032468.D
Acq: 18 Nov 2025 09:46

Tgt Ion: 75 Resp: 43390
Ion Ratio Lower Upper
75 100
155 73.1 36.2 108.6
157 90.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.459 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

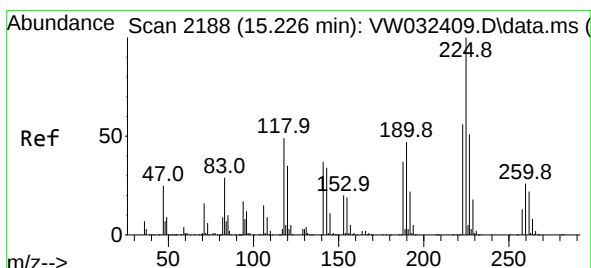
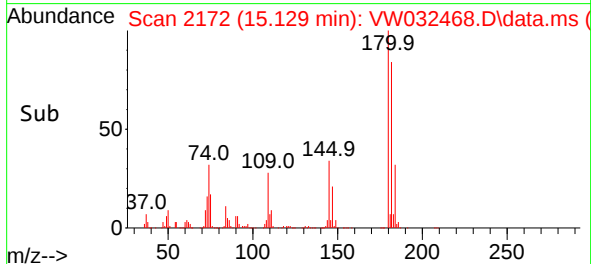
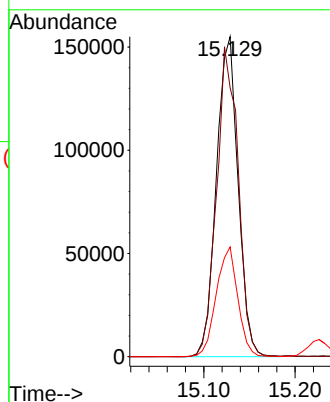
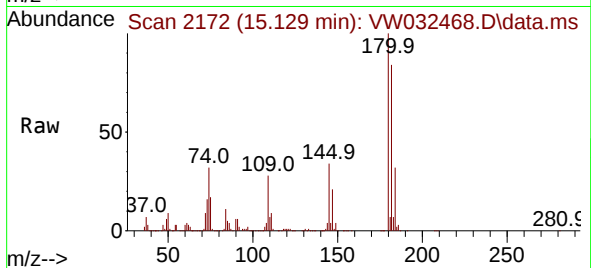
Tgt Ion:180 Resp: 255341

Ion Ratio Lower Upper

180 100

182 96.8 45.3 135.9

145 34.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 50.900 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

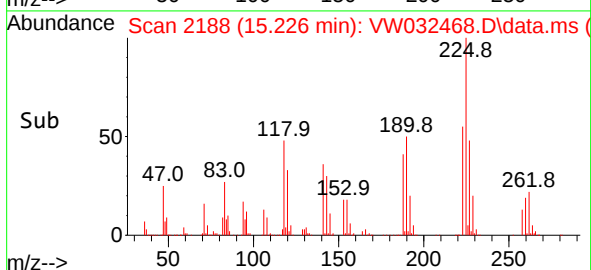
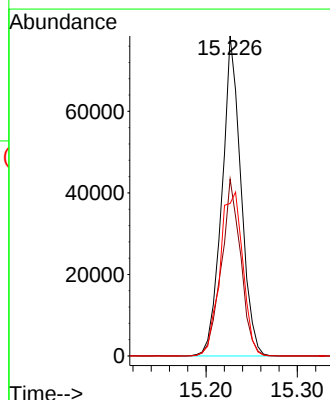
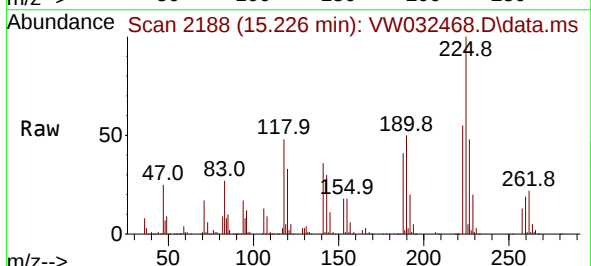
Tgt Ion:225 Resp: 113755

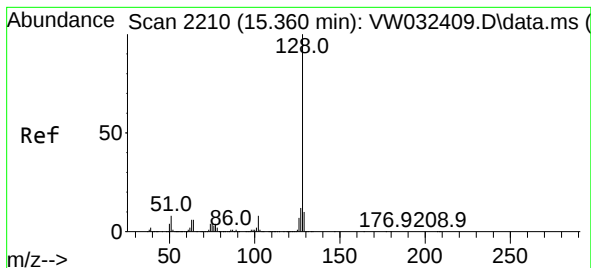
Ion Ratio Lower Upper

225 100

223 56.4 30.6 91.8

227 61.5 29.8 89.4





#95

Naphthalene

Concen: 50.499 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

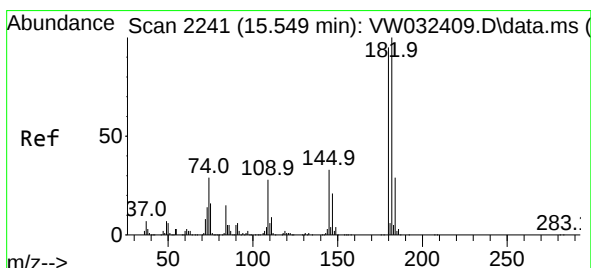
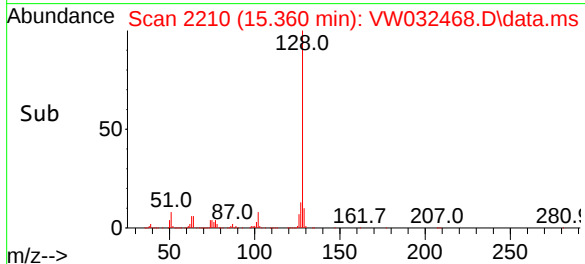
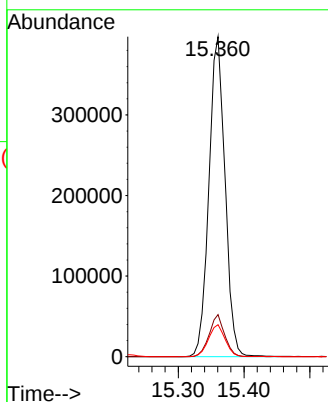
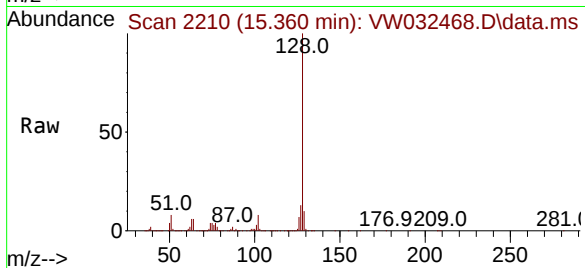
Tgt Ion:128 Resp: 677528

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.597 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032468.D

Acq: 18 Nov 2025 09:46

Tgt Ion:180 Resp: 237374

Ion Ratio Lower Upper

180 100

182 95.0 50.3 151.0

145 36.2 17.8 53.3

