

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
 Data File : VW032583.D
 Acq On : 08 Dec 2025 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 09 02:12:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	354482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	643883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	585250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	270635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	233576	44.277	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	88.560%
35) Dibromofluoromethane	7.898	113	191802	45.266	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.540%
50) Toluene-d8	10.325	98	728370	45.683	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.617	95	266897	45.309	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	90.620%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	108790	49.581	ug/l	95
3) Chloromethane	2.253	50	180837	44.832	ug/l	98
4) Vinyl Chloride	2.405	62	247682	50.612	ug/l	97
5) Bromomethane	2.820	94	158995	48.922	ug/l	91
6) Chloroethane	2.966	64	155100	49.069	ug/l	99
7) Trichlorofluoromethane	3.301	101	185521	48.910	ug/l	97
8) Diethyl Ether	3.716	74	134877	48.100	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	212992	53.113	ug/l	98
10) Methyl Iodide	4.301	142	289642	47.889	ug/l	98
11) Tert butyl alcohol	5.210	59	80720	198.935	ug/l #	85
12) 1,1-Dichloroethene	4.076	96	228699	50.581	ug/l	97
13) Acrolein	3.929	56	206862	287.638	ug/l	99
14) Allyl chloride	4.704	41	417400	50.431	ug/l	99
15) Acrylonitrile	5.399	53	373582	253.696	ug/l	100
16) Acetone	4.155	43	415058	251.786	ug/l	100
17) Carbon Disulfide	4.417	76	670098	50.026	ug/l	99
18) Methyl Acetate	4.704	43	177294	52.219	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	444122	52.698	ug/l	98
20) Methylene Chloride	4.954	84	264319	44.836	ug/l	94
21) trans-1,2-Dichloroethene	5.453	96	249361	50.475	ug/l	97
22) Diisopropyl ether	6.337	45	858976	52.002	ug/l	98
23) Vinyl Acetate	6.276	43	2861114	261.402	ug/l	100
24) 1,1-Dichloroethane	6.240	63	484990	50.571	ug/l	100
25) 2-Butanone	7.191	43	525058	248.189	ug/l	98
26) 2,2-Dichloropropane	7.185	77	264127	47.509	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	283703	49.327	ug/l	100
28) Bromochloromethane	7.532	49	210541	48.872	ug/l	98
29) Tetrahydrofuran	7.551	42	324466	256.866	ug/l	99
30) Chloroform	7.691	83	476774	50.093	ug/l	98
31) Cyclohexane	7.971	56	433525	51.265	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	349693	50.623	ug/l	99
36) 1,1-Dichloropropene	8.093	75	339605	52.546	ug/l	99
37) Ethyl Acetate	7.270	43	221912	49.616	ug/l	98
38) Carbon Tetrachloride	8.081	117	317968	52.956	ug/l	94
39) Methylcyclohexane	9.343	83	442559	56.078	ug/l	97
40) Benzene	8.331	78	1036816	50.341	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	129656	53.575	ug/l	95
42) 1,2-Dichloroethane	8.410	62	320233	50.712	ug/l	100
43) Isopropyl Acetate	8.429	43	390360	50.776	ug/l	100
44) Trichloroethene	9.099	130	236052	51.280	ug/l	94
45) 1,2-Dichloropropane	9.373	63	264593	51.722	ug/l	96
46) Dibromomethane	9.465	93	152399	51.517	ug/l	97
47) Bromodichloromethane	9.648	83	360823	52.039	ug/l	97
48) Methyl methacrylate	9.441	41	181976	52.072	ug/l	91
49) 1,4-Dioxane	9.459	88	38686	1094.428	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	1104776	259.708	ug/l	100
52) Toluene	10.392	92	639827	51.558	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	351401	52.828	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	410648	52.606	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	201509	50.858	ug/l	96
56) Ethyl methacrylate	10.648	69	293861	53.630	ug/l	100
57) 1,3-Dichloropropane	10.934	76	365342	51.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	755009	262.973	ug/l	99
59) 2-Hexanone	10.965	43	796187	262.809	ug/l	99
60) Dibromochloromethane	11.129	129	227900	51.320	ug/l	95
61) 1,2-Dibromoethane	11.233	107	191095	50.713	ug/l	98
64) Tetrachloroethene	10.861	164	192053	49.201	ug/l	97
65) Chlorobenzene	11.654	112	702735	50.817	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	216721	50.670	ug/l	99
67) Ethyl Benzene	11.727	91	1234207	52.581	ug/l	97
68) m/p-Xylenes	11.836	106	953728	106.872	ug/l	96
69) o-Xylene	12.166	106	428571	52.439	ug/l	91
70) Styrene	12.178	104	769583	53.683	ug/l	99
71) Bromoform	12.349	173	122154	51.936	ug/l #	98
73) Isopropylbenzene	12.458	105	1084857	54.038	ug/l	97
74) N-amyl acetate	12.269	43	359406	54.082	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	246834	52.229	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	323726	88.399	ug/l	38
77) Bromobenzene	12.745	156	255593	53.858	ug/l	94
78) n-propylbenzene	12.800	91	1415608	55.271	ug/l	100
79) 2-Chlorotoluene	12.885	91	822505	53.861	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	932269	54.423	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	83858	53.858	ug/l	95
82) 4-Chlorotoluene	12.983	91	871446	53.358	ug/l	99
83) tert-Butylbenzene	13.202	119	783607	55.465	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	939489	54.903	ug/l	99
85) sec-Butylbenzene	13.379	105	1198795	55.014	ug/l	98
86) p-Isopropyltoluene	13.489	119	947843	52.812	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	493757	50.886	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	505453	52.482	ug/l	99
89) n-Butylbenzene	13.818	91	1001695	54.959	ug/l	99
90) Hexachloroethane	14.086	117	185680	54.017	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	441654	51.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.482	75	41893	51.413	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	267333	51.572	ug/l	99
94) Hexachlorobutadiene	15.226	225	114991	48.192	ug/l	96
95) Naphthalene	15.360	128	653120	55.720	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	255566	54.269	ug/l	98

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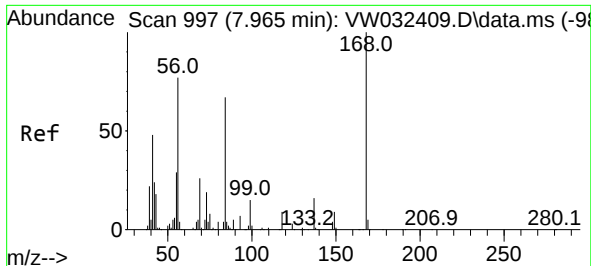
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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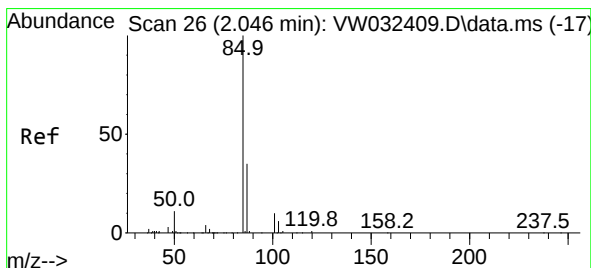
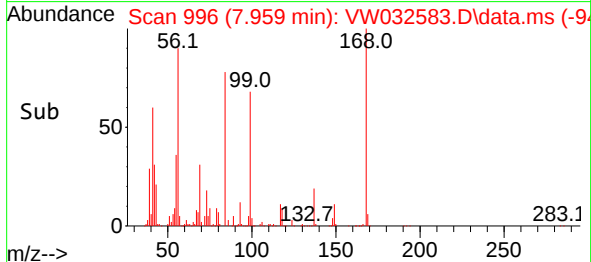
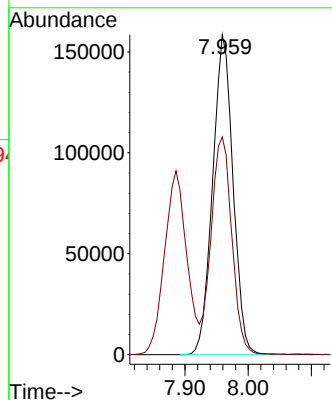
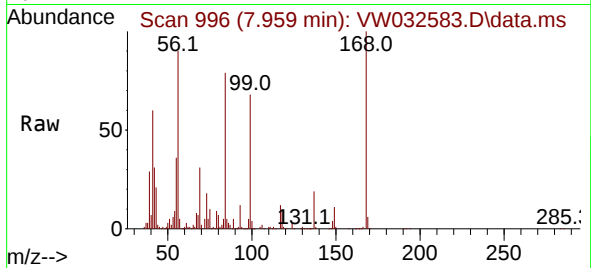




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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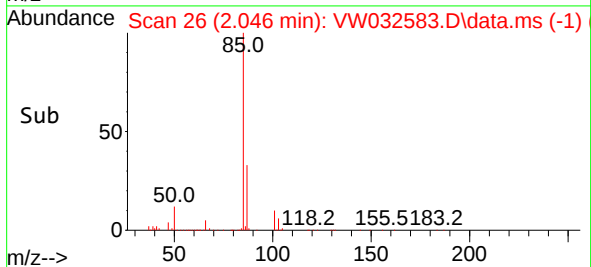
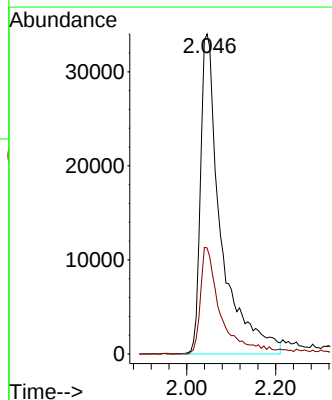
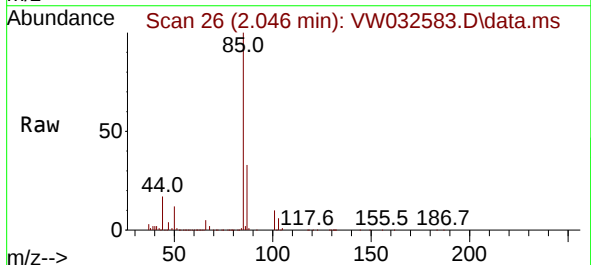
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 354482
Ion Ratio Lower Upper
168 100
99 67.9 51.8 77.8



#2
Dichlorodifluoromethane
Concen: 49.581 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 85 Resp: 108790
Ion Ratio Lower Upper
85 100
87 33.1 17.9 53.8

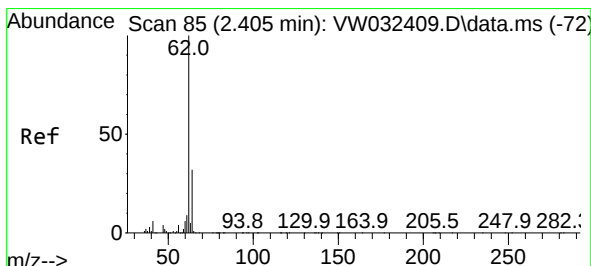
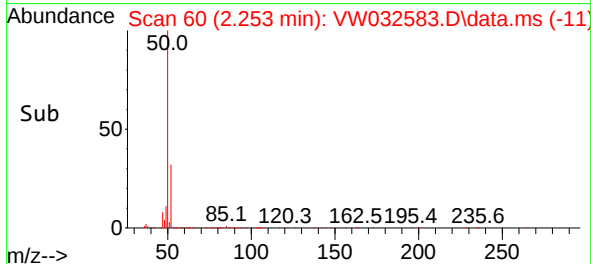
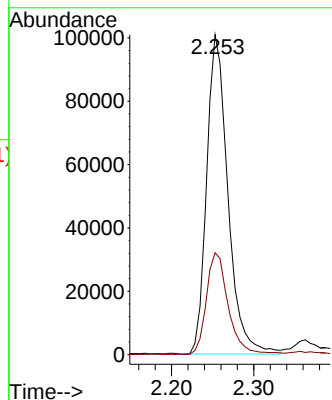
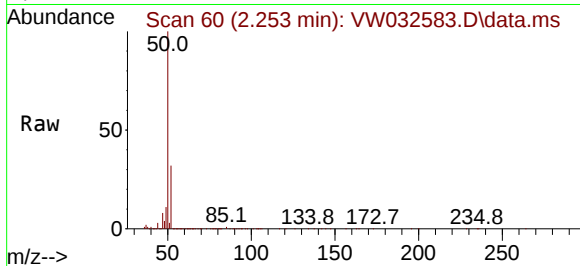




#3
Chloromethane
Concen: 44.832 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

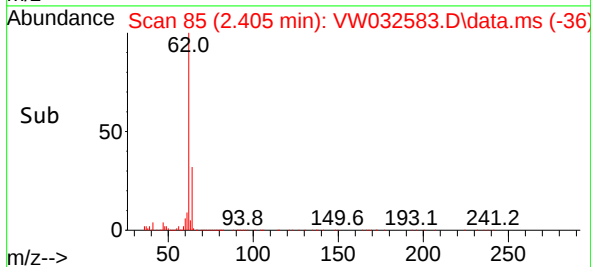
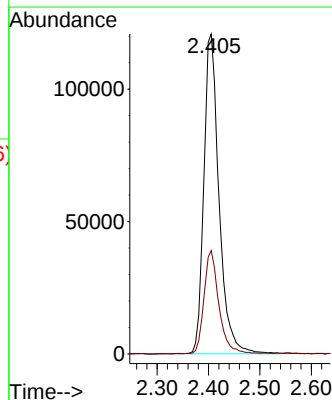
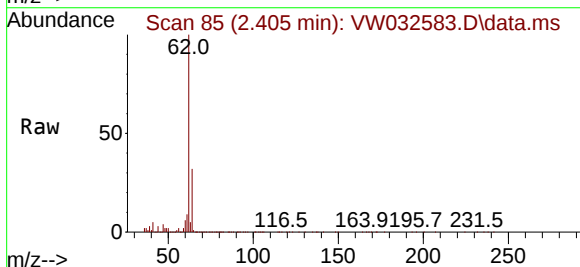
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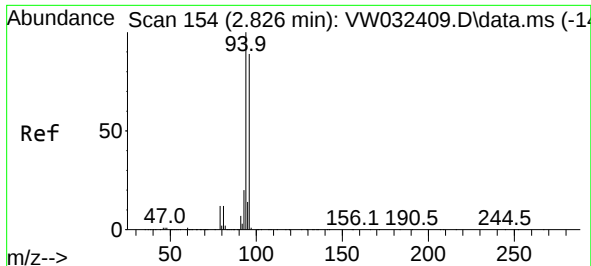
Tgt Ion: 50 Resp: 180837
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.4



#4
Vinyl Chloride
Concen: 50.612 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 62 Resp: 247682
Ion Ratio Lower Upper
62 100
64 32.2 24.2 36.4

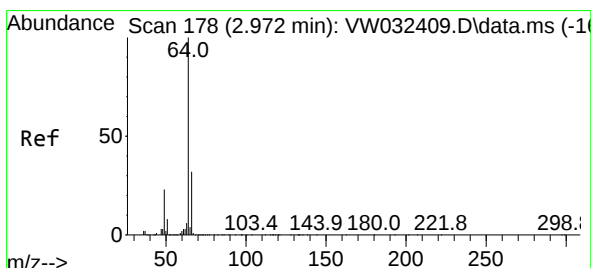
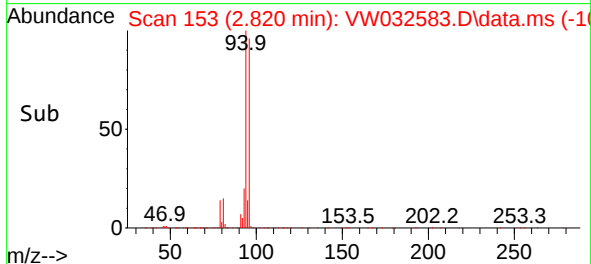
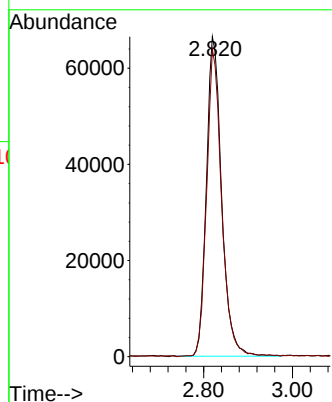
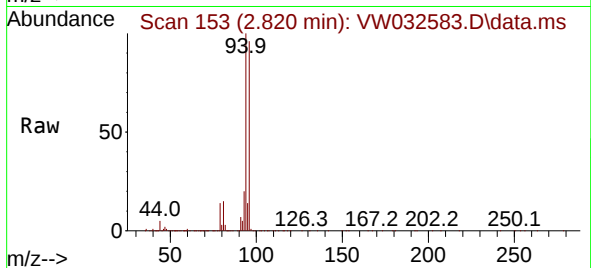




#5
Bromomethane
Concen: 48.922 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

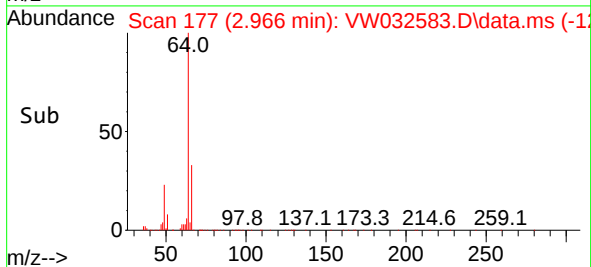
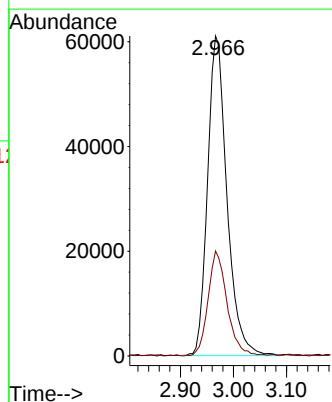
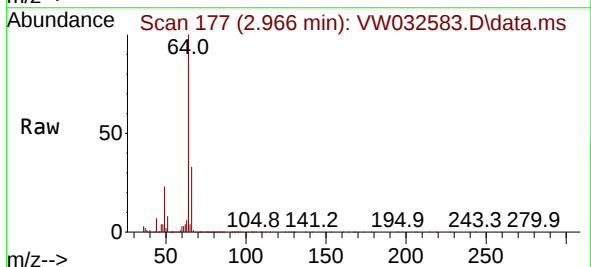
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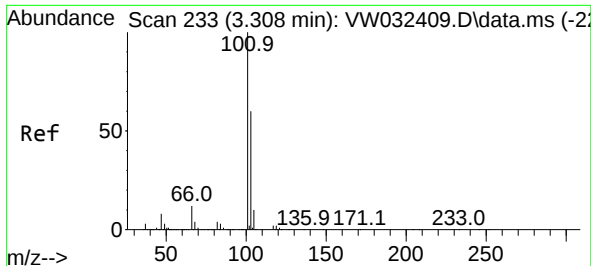
Tgt Ion: 94 Resp: 158995
Ion Ratio Lower Upper
94 100
96 96.0 69.9 104.9



#6
Chloroethane
Concen: 49.069 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 64 Resp: 155100
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.2

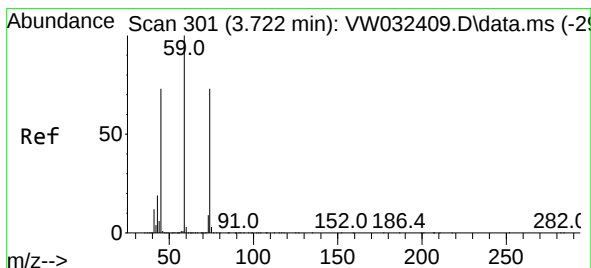
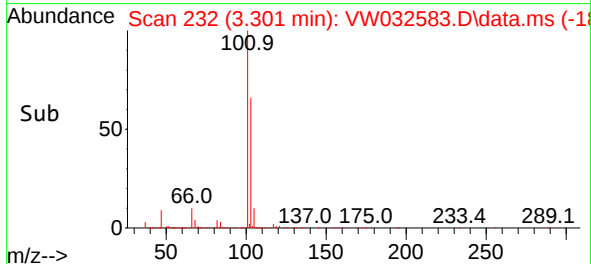
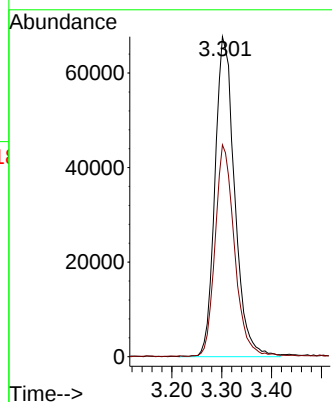
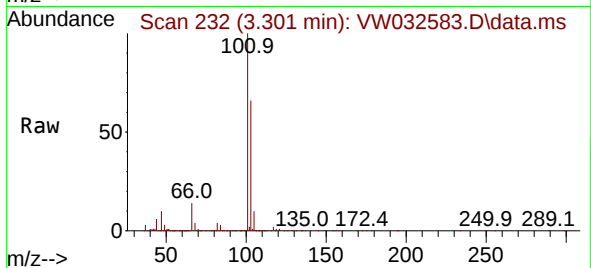




#7
Trichlorofluoromethane
Concen: 48.910 ug/l
RT: 3.301 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

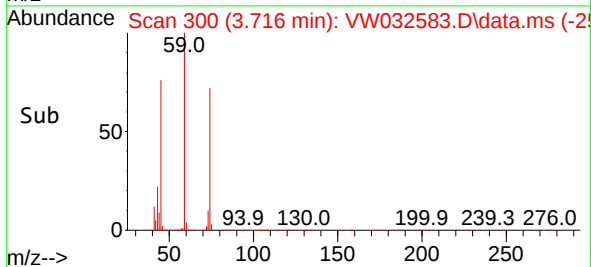
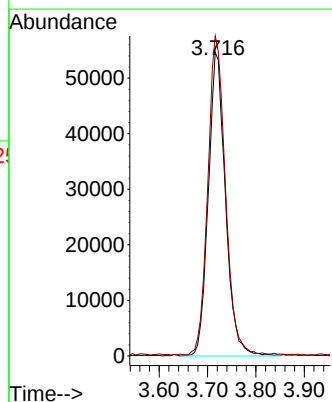
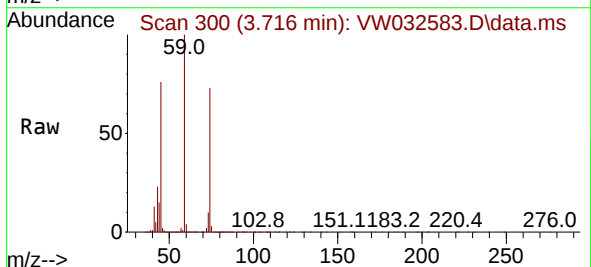
Instrument :
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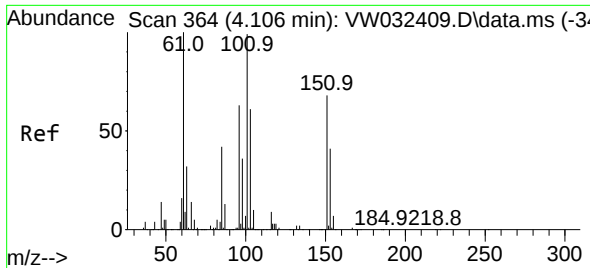
Tgt Ion:101 Resp: 185521
Ion Ratio Lower Upper
101 100
103 65.9 51.1 76.7



#8
Diethyl Ether
Concen: 48.100 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 74 Resp: 134877
Ion Ratio Lower Upper
74 100
45 107.3 53.4 160.3

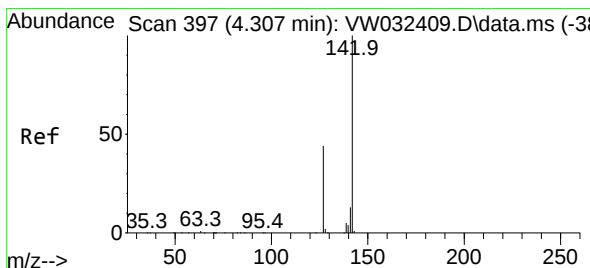
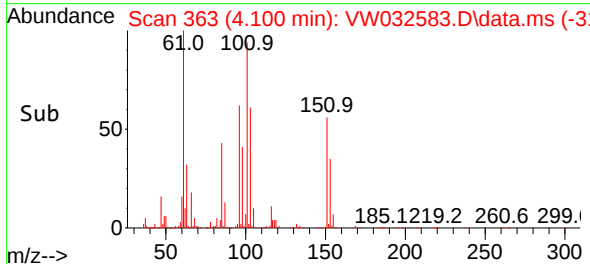
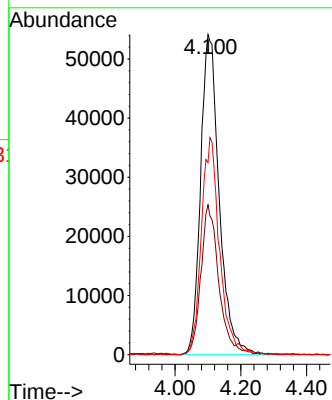
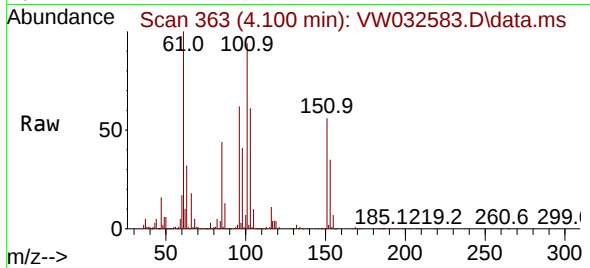




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.113 ug/l
RT: 4.100 min Scan# 301
Delta R.T. -0.006 min
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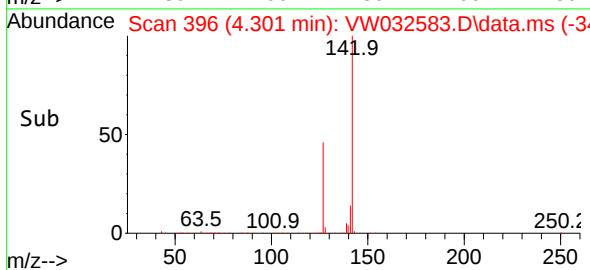
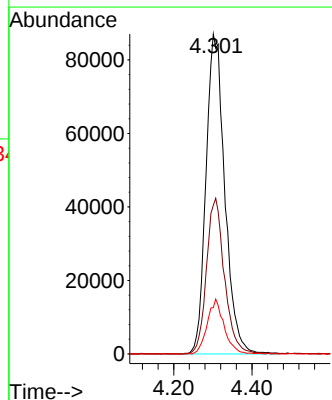
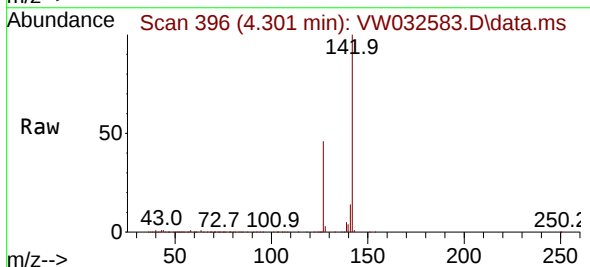
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

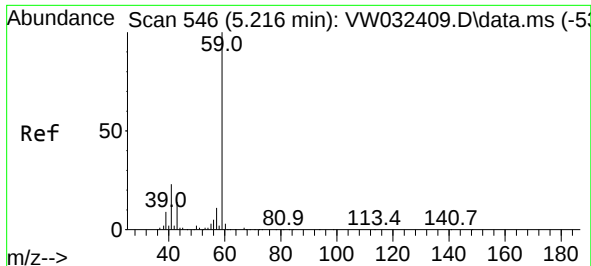
Tgt Ion:101 Resp: 212992
Ion Ratio Lower Upper
101 100
85 45.0 35.0 52.4
151 66.4 54.6 82.0



#10
Methyl Iodide
Concen: 47.889 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion:142 Resp: 289642
Ion Ratio Lower Upper
142 100
127 46.5 36.2 54.2
141 15.4 11.9 17.9

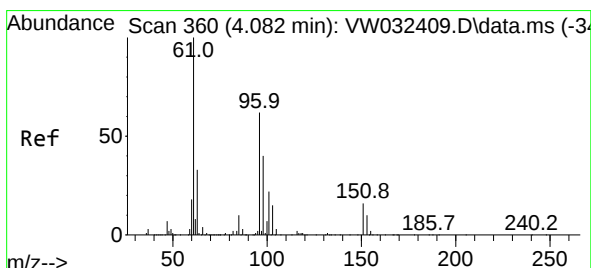
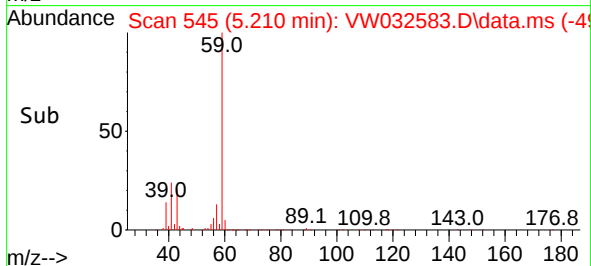
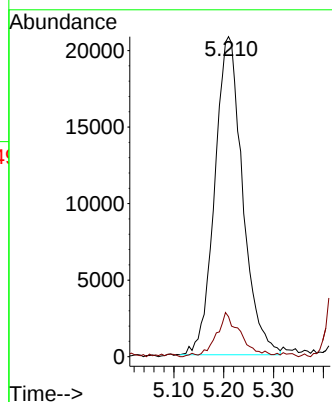
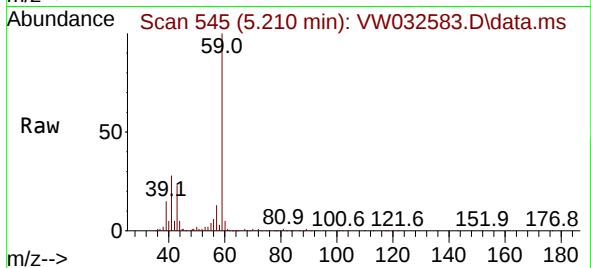




#11
Tert butyl alcohol
Concen: 198.935 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

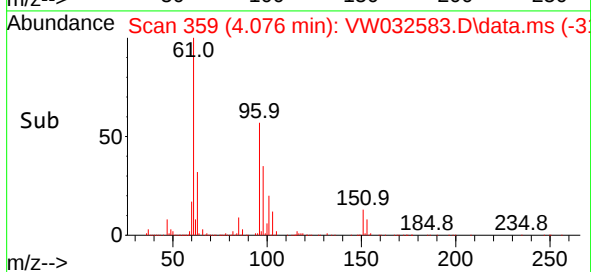
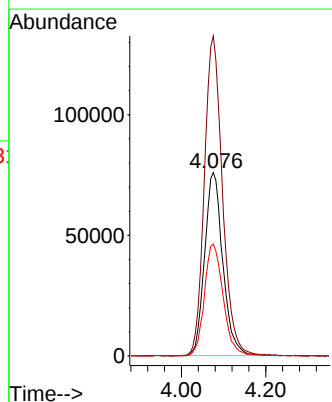
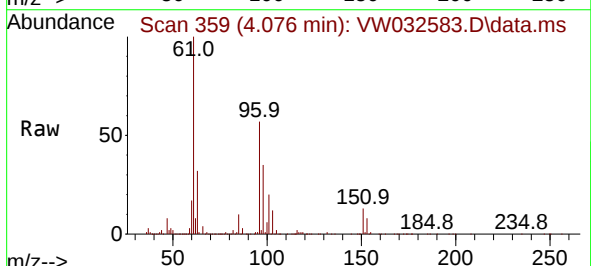
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 80720
Ion Ratio Lower Upper
59 100
57 10.7 4.6 6.8#



#12
1,1-Dichloroethene
Concen: 50.581 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 96 Resp: 228699
Ion Ratio Lower Upper
96 100
61 174.5 136.6 205.0
98 60.9 51.4 77.2

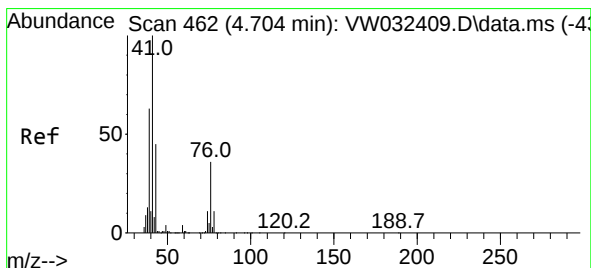
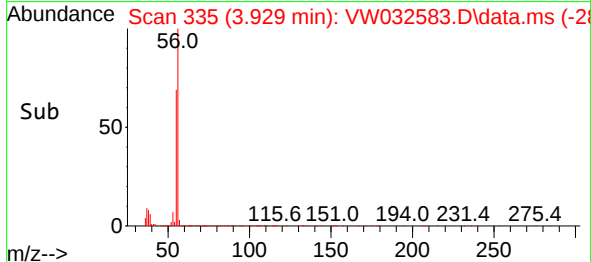
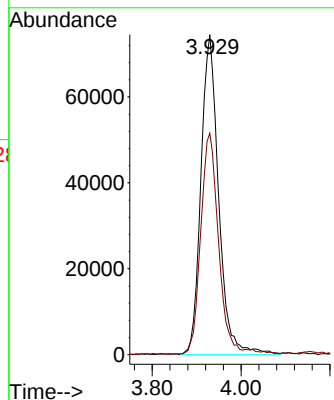
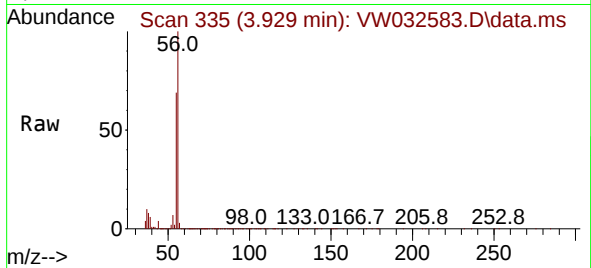




#13
Acrolein
Concen: 287.638 ug/l
RT: 3.929 min Scan# 335
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

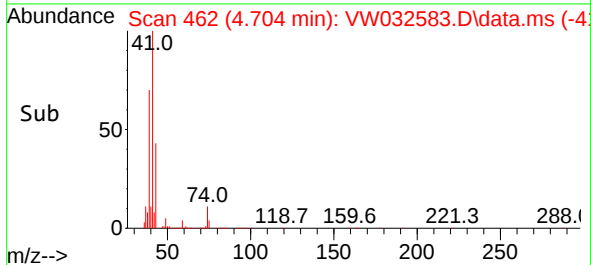
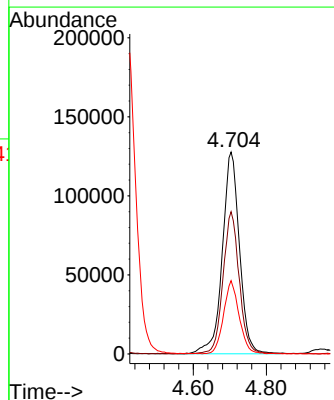
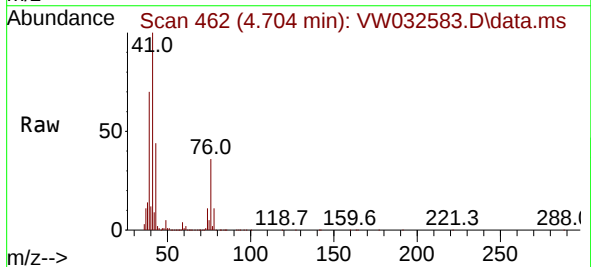
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

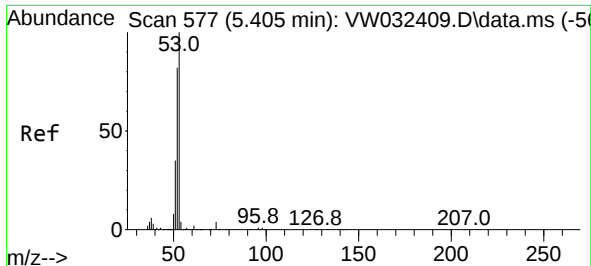
Tgt Ion: 56 Resp: 206862
Ion Ratio Lower Upper
56 100
55 68.6 55.2 82.8



#14
Allyl chloride
Concen: 50.431 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 41 Resp: 417400
Ion Ratio Lower Upper
41 100
39 66.6 52.9 79.3
76 33.0 25.8 38.6

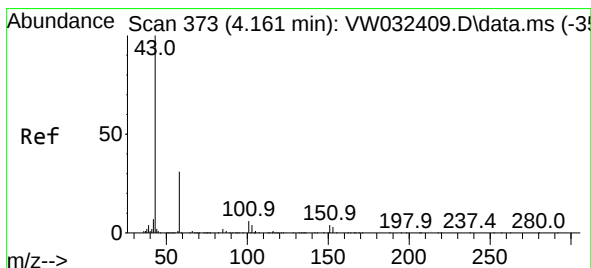
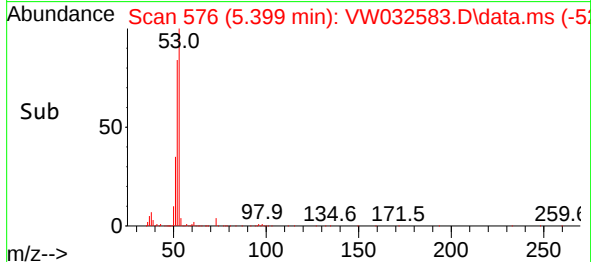
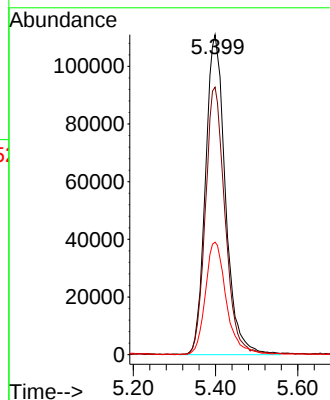
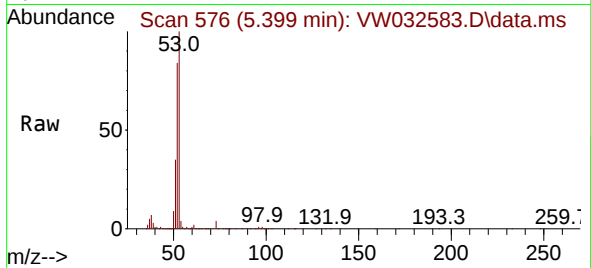




#15
Acrylonitrile
Concen: 253.696 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

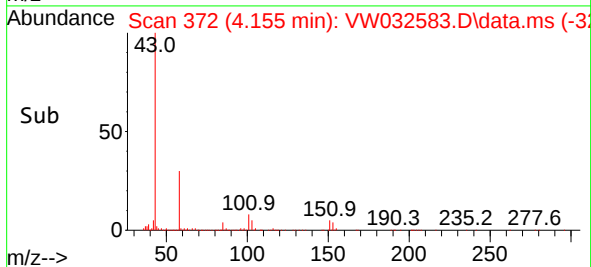
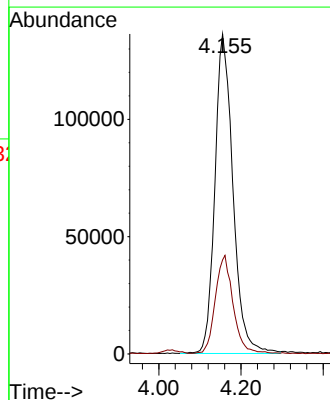
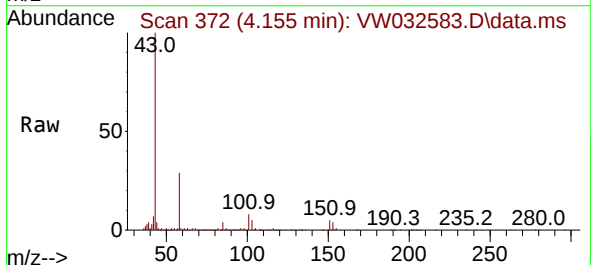
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

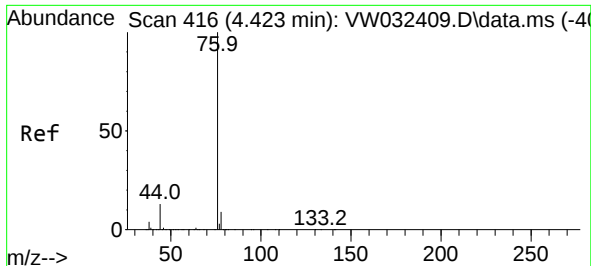
Tgt Ion: 53 Resp: 373582
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 36.8 29.3 43.9



#16
Acetone
Concen: 251.786 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 43 Resp: 415058
Ion Ratio Lower Upper
43 100
58 29.2 23.5 35.3

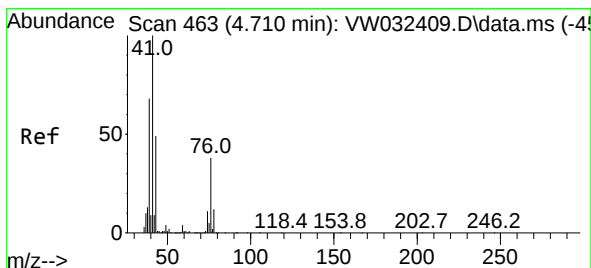
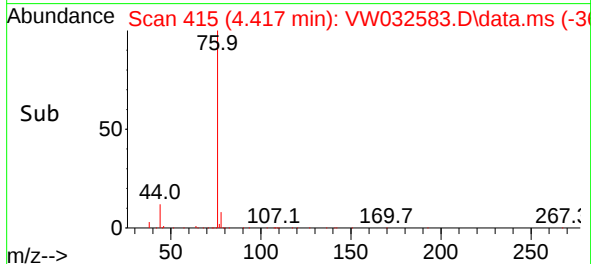
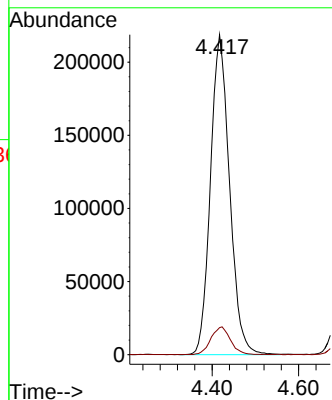
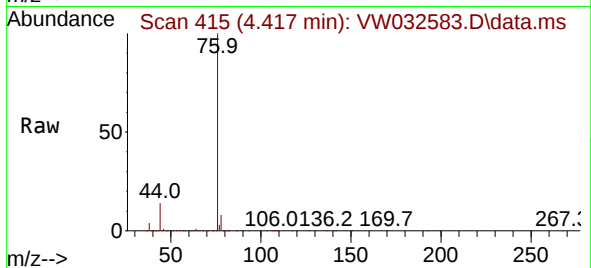




#17
Carbon Disulfide
Concen: 50.026 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

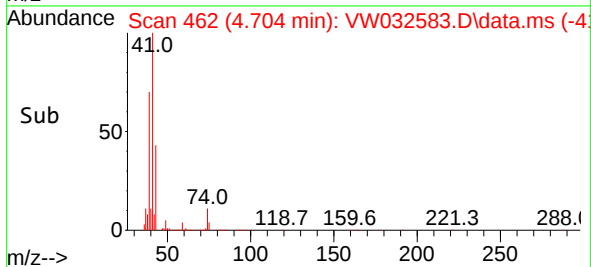
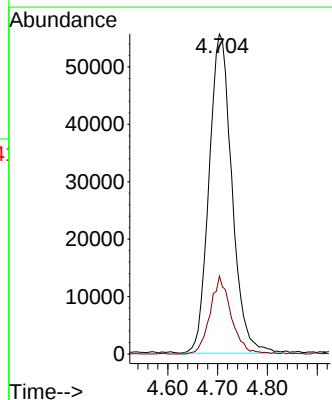
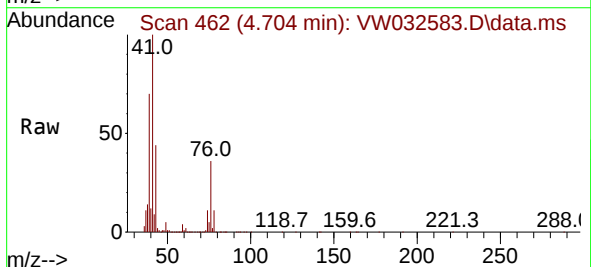
Instrument :
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ClientSampleId :
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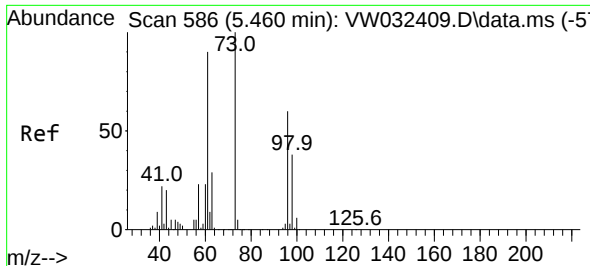
Tgt Ion: 76 Resp: 670098
Ion Ratio Lower Upper
76 100
78 8.4 6.6 9.8



#18
Methyl Acetate
Concen: 52.219 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 43 Resp: 177294
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9

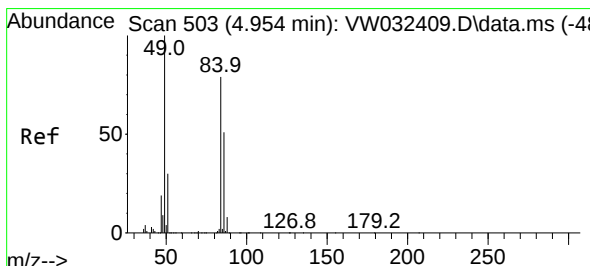
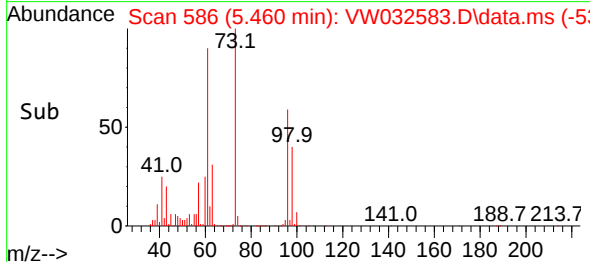
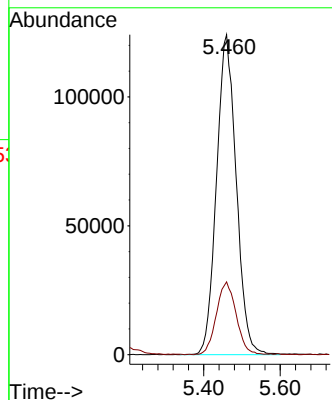
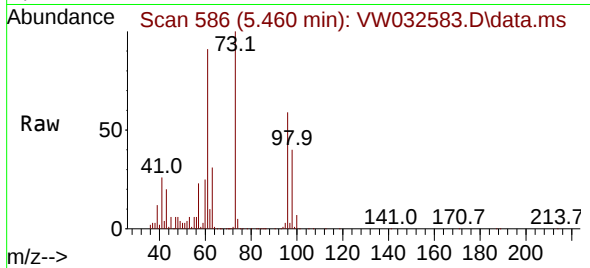




#19
Methyl tert-butyl Ether
Concen: 52.698 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

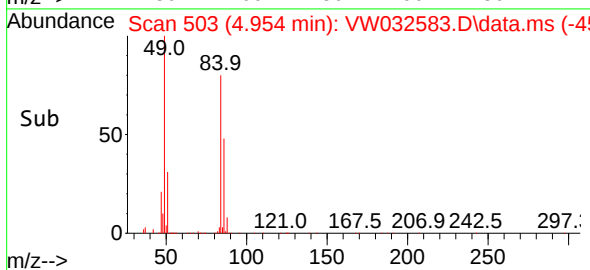
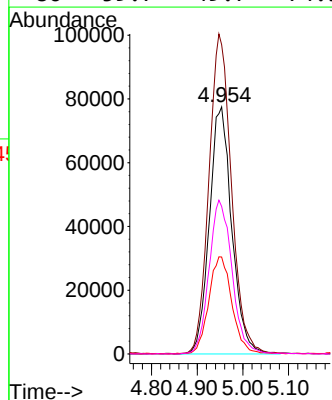
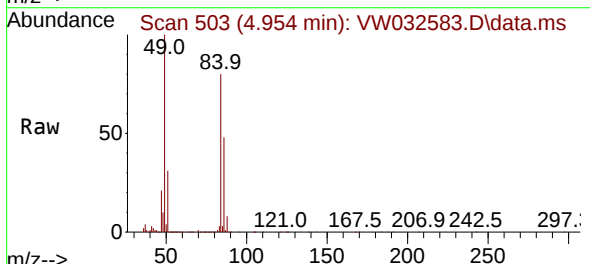
Instrument :
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ClientSampleId :
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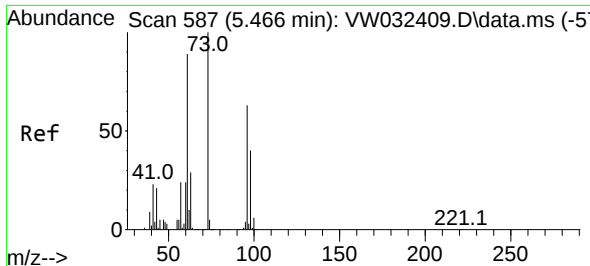
Tgt Ion: 73 Resp: 444122
Ion Ratio Lower Upper
73 100
57 22.6 19.0 28.4



#20
Methylene Chloride
Concen: 44.836 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 84 Resp: 264319
Ion Ratio Lower Upper
84 100
49 125.0 107.6 161.4
51 39.0 33.9 50.9
86 59.7 49.7 74.5

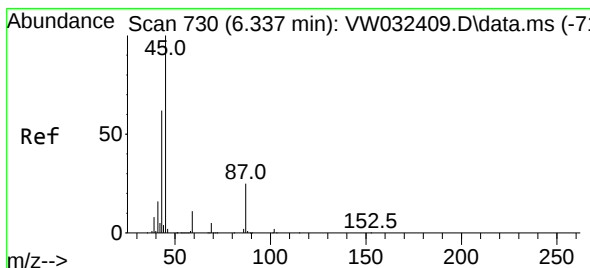
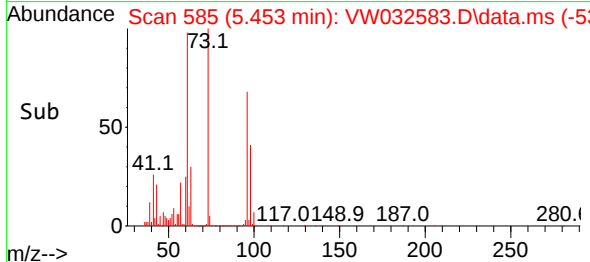
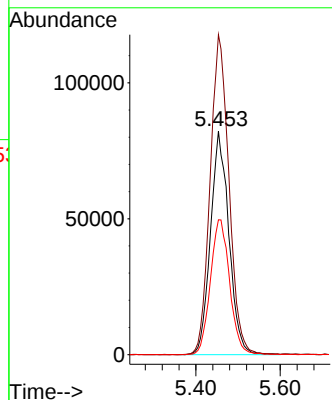
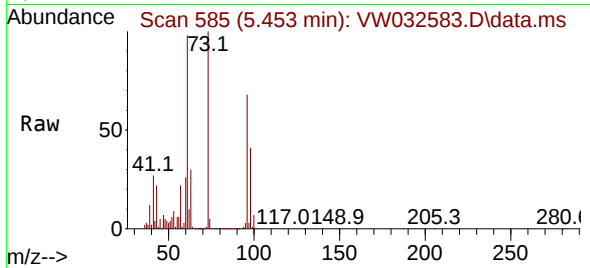




#21
trans-1,2-Dichloroethene
Concen: 50.475 ug/l
RT: 5.453 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

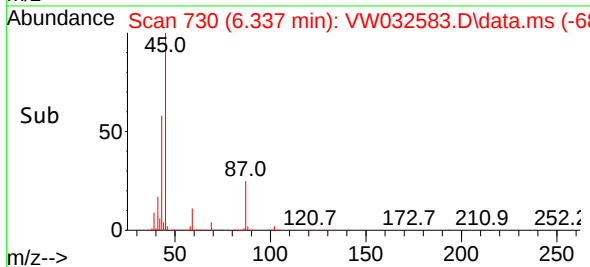
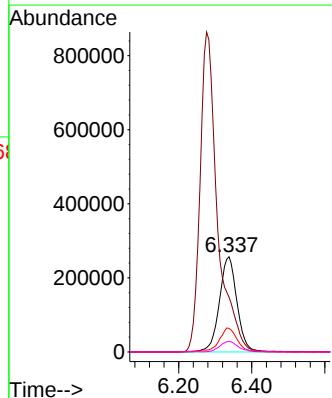
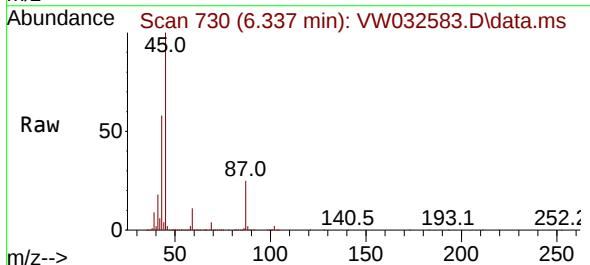
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

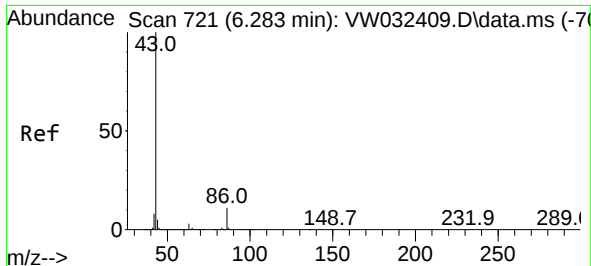
Tgt Ion: 96 Resp: 249361
Ion Ratio Lower Upper
96 100
61 143.0 111.0 166.4
98 60.3 48.4 72.6



#22
Diisopropyl ether
Concen: 52.002 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 45 Resp: 858976
Ion Ratio Lower Upper
45 100
43 57.6 44.5 66.7
87 24.6 19.7 29.5
59 10.9 9.0 13.6

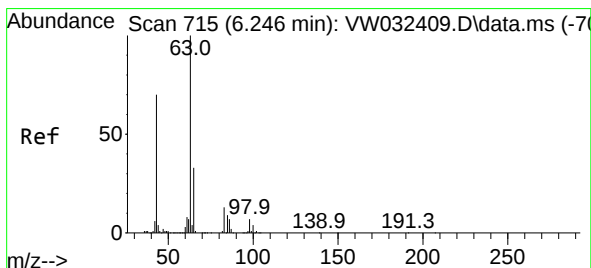
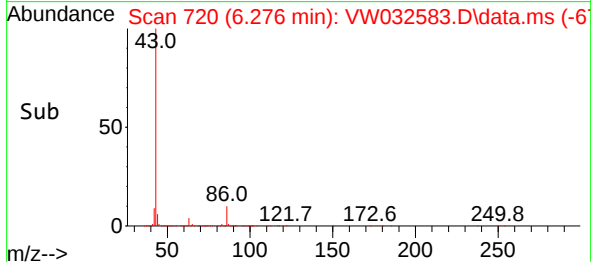
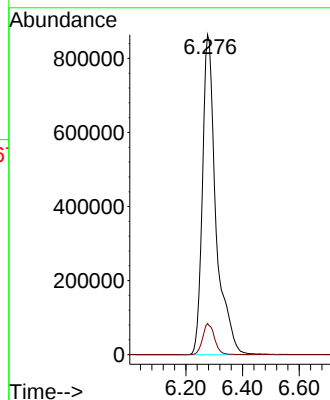
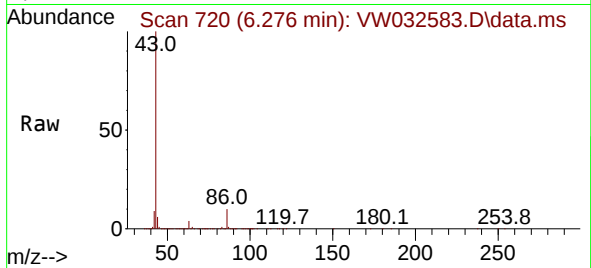




#23
 Vinyl Acetate
 Concen: 261.402 ug/l
 RT: 6.276 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032583.D
 Acq: 08 Dec 2025 09:40

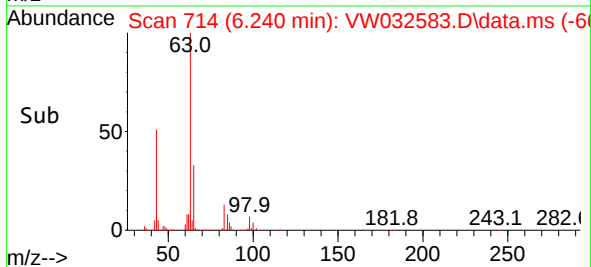
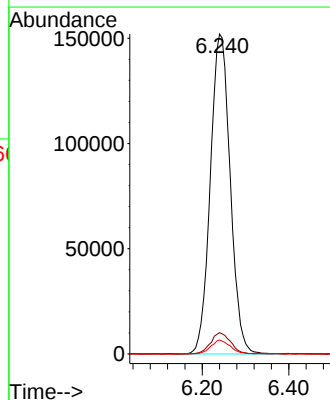
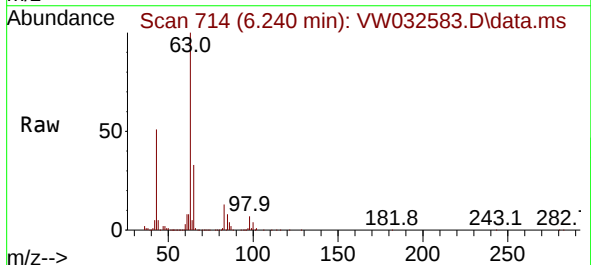
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

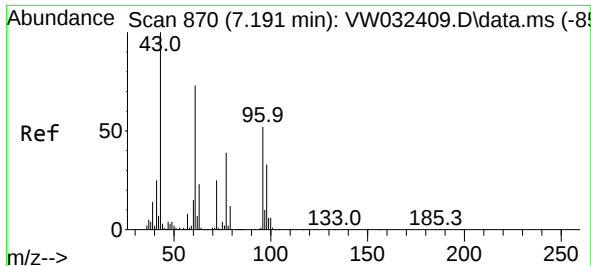
Tgt Ion: 43 Resp: 2861114
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.571 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032583.D
 Acq: 08 Dec 2025 09:40

Tgt Ion: 63 Resp: 484990
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.4 2.3 6.8

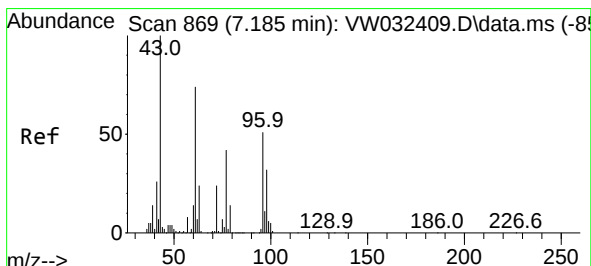
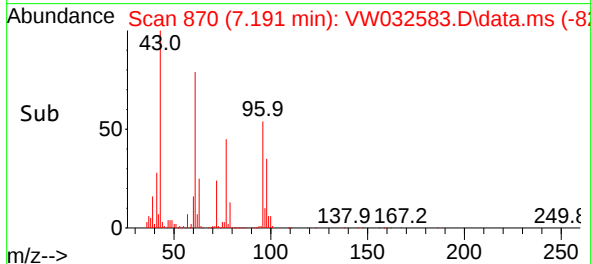
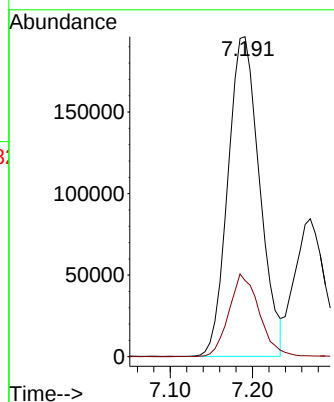
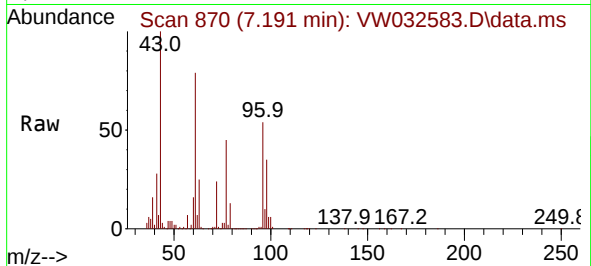




#25
2-Butanone
Concen: 248.189 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

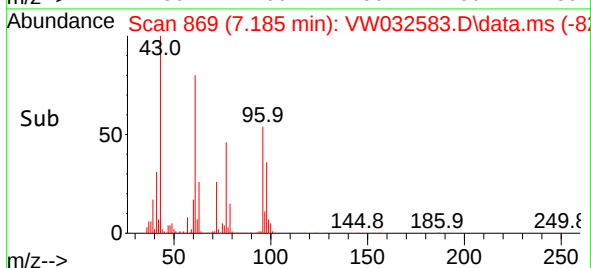
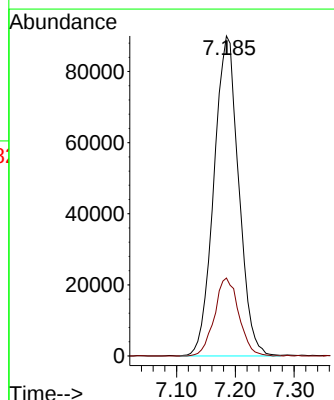
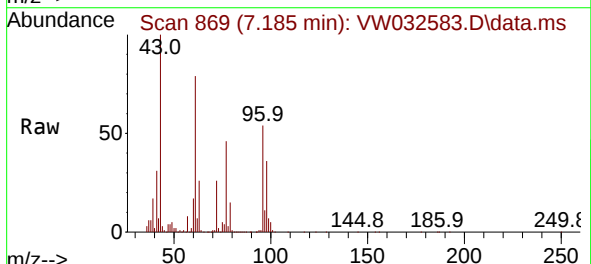
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

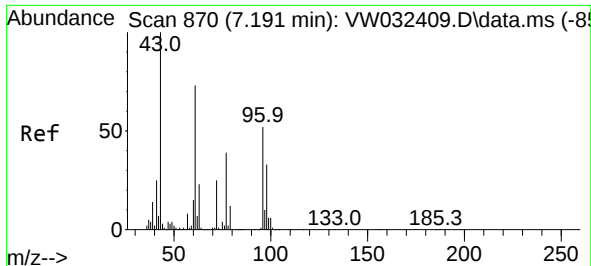
Tgt Ion: 43 Resp: 525058
Ion Ratio Lower Upper
43 100
72 23.8 19.7 29.5



#26
2,2-Dichloropropane
Concen: 47.509 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 77 Resp: 264127
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 49.327 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

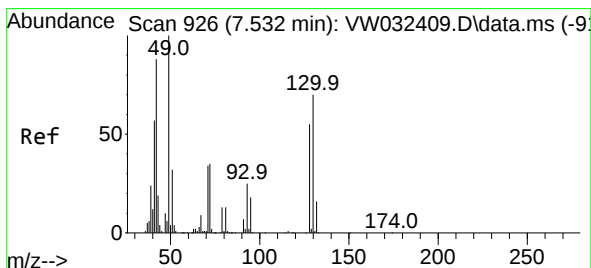
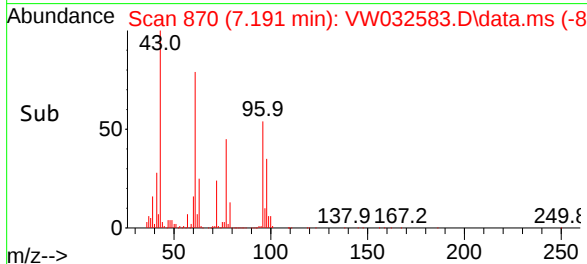
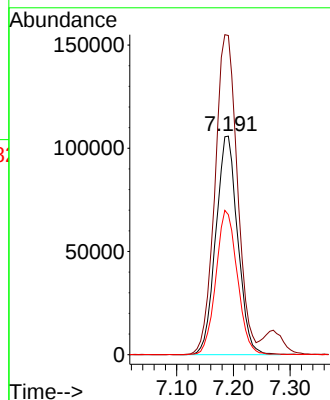
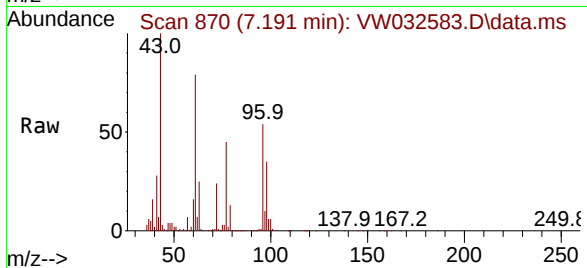
Tgt Ion: 96 Resp: 283703

Ion Ratio Lower Upper

96 100

61 149.8 0.0 298.6

98 64.8 0.0 129.2



#28

Bromochloromethane

Concen: 48.872 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

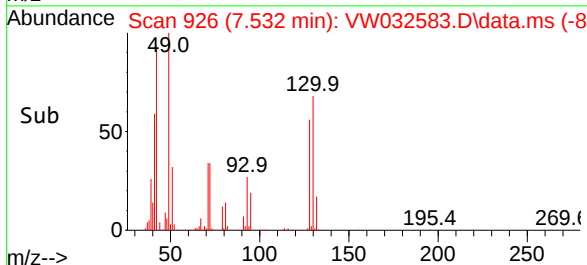
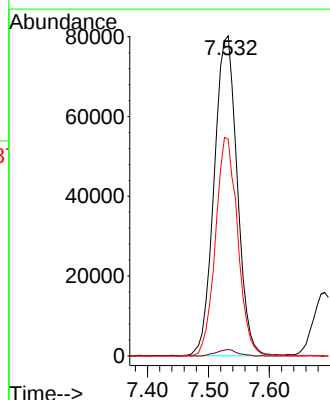
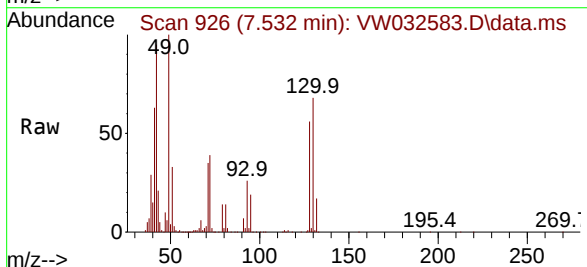
Tgt Ion: 49 Resp: 210541

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 65.8 54.1 81.1





#29

Tetrahydrofuran

Concen: 256.866 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

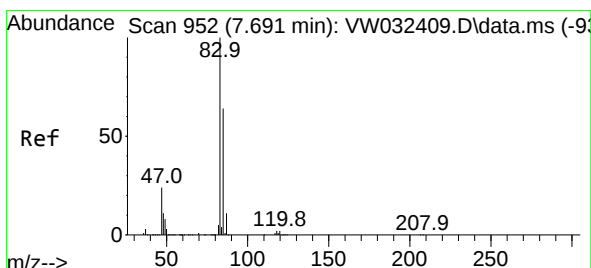
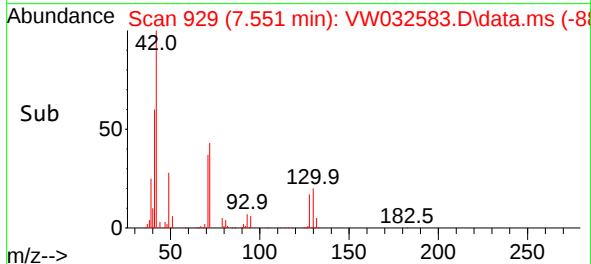
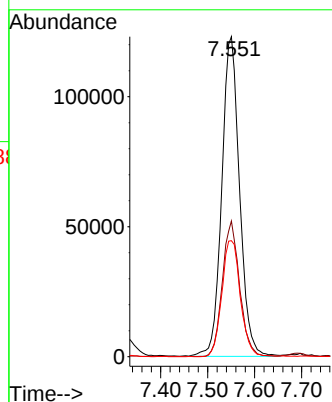
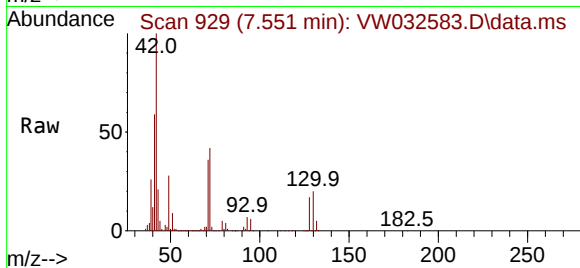
Tgt Ion: 42 Resp: 324466

Ion Ratio Lower Upper

42 100

72 41.0 32.4 48.6

71 37.8 31.1 46.7



#30

Chloroform

Concen: 50.093 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032583.D

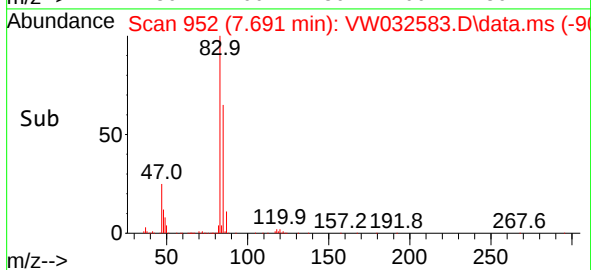
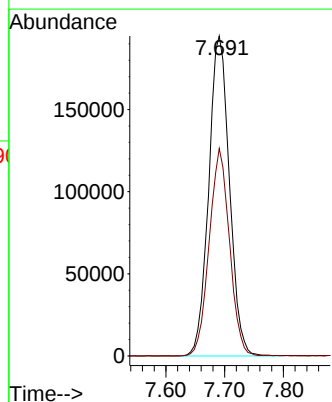
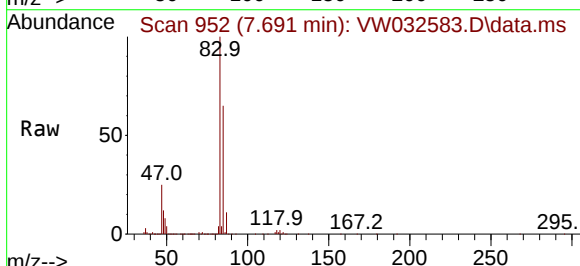
Acq: 08 Dec 2025 09:40

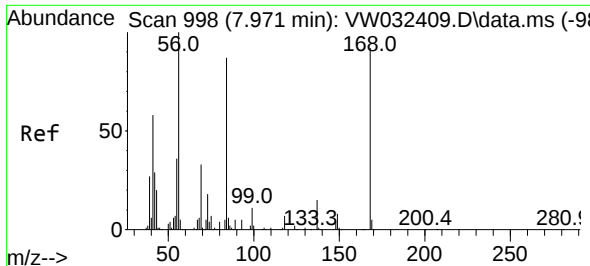
Tgt Ion: 83 Resp: 476774

Ion Ratio Lower Upper

83 100

85 64.8 53.1 79.7

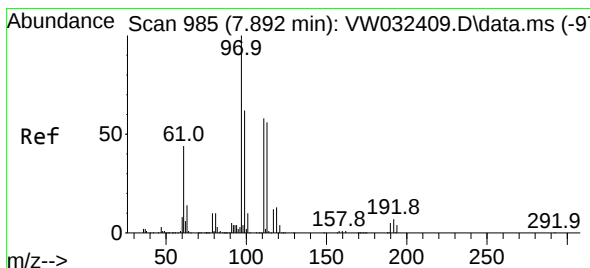
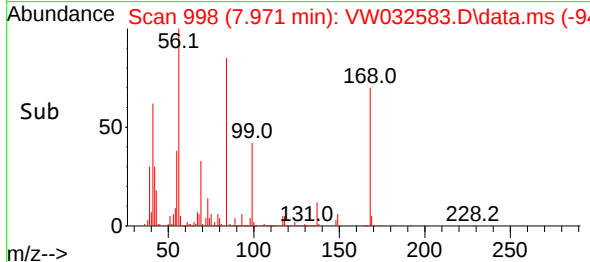
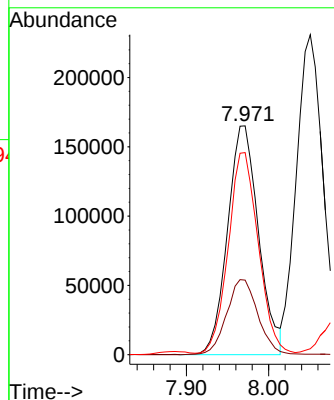
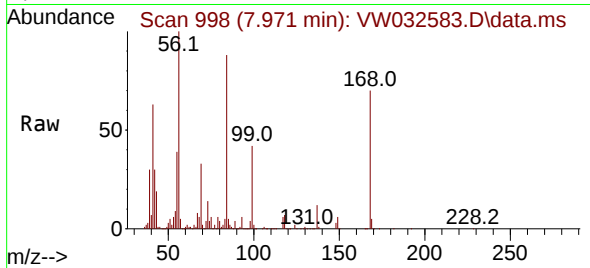




#31
Cyclohexane
Concen: 51.265 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

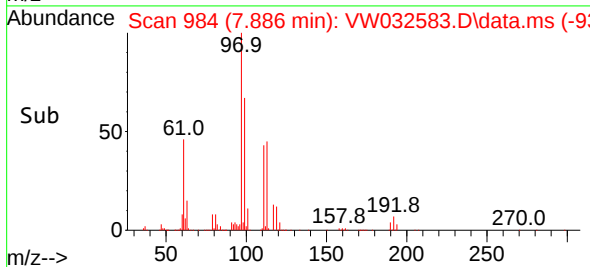
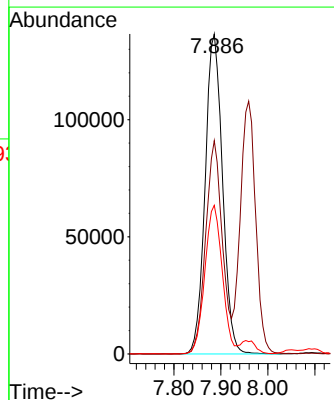
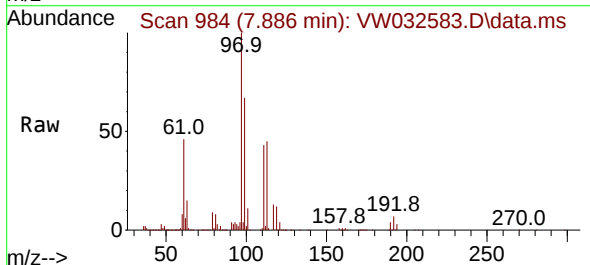
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

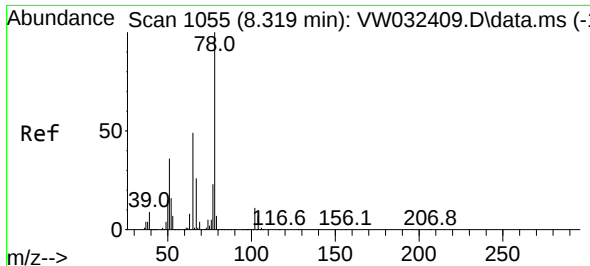
Tgt Ion: 56 Resp: 433525
Ion Ratio Lower Upper
56 100
69 32.6 27.3 40.9
84 87.1 67.5 101.3



#32
1,1,1-Trichloroethane
Concen: 50.623 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 97 Resp: 349693
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 47.0 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 44.277 ug/l

RT: 8.313 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

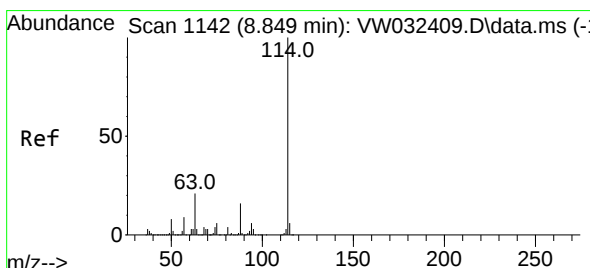
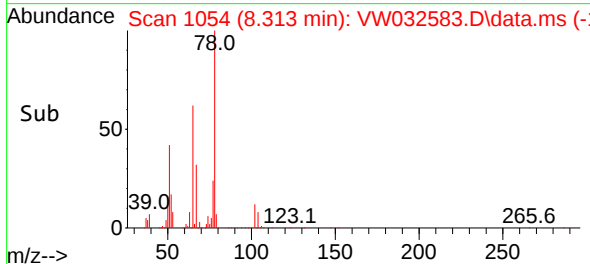
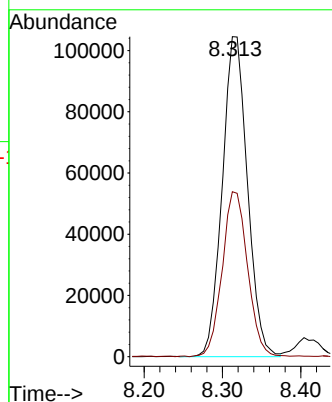
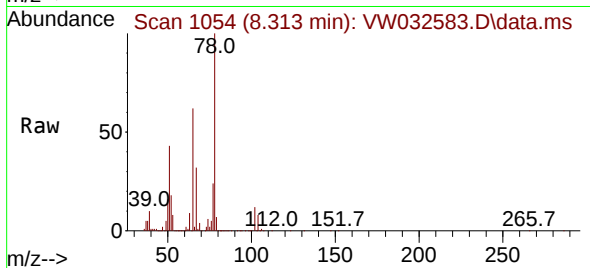
VSTDCCC050

Tgt Ion: 65 Resp: 233576

Ion Ratio Lower Upper

65 100

67 52.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

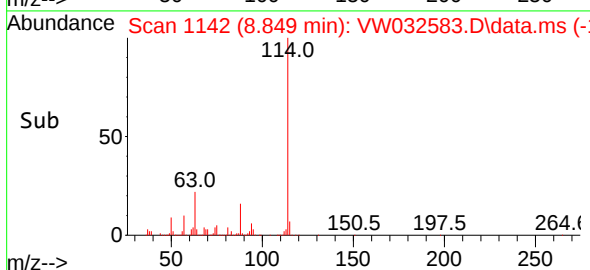
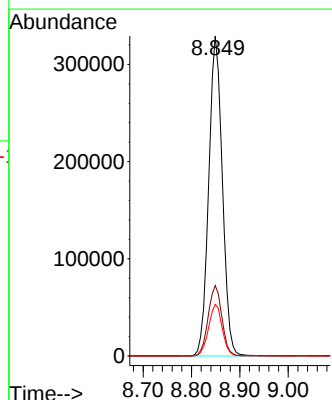
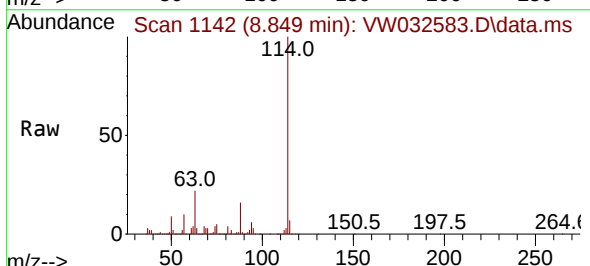
Tgt Ion: 114 Resp: 643883

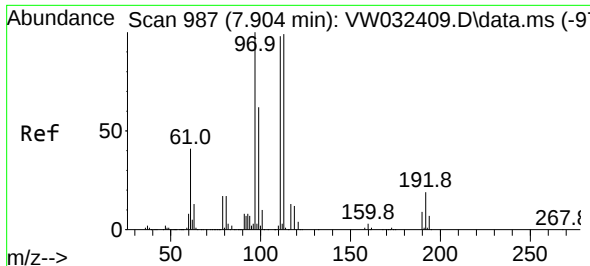
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.6

88 16.2 0.0 31.2

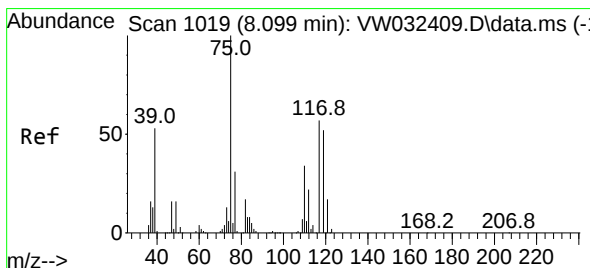
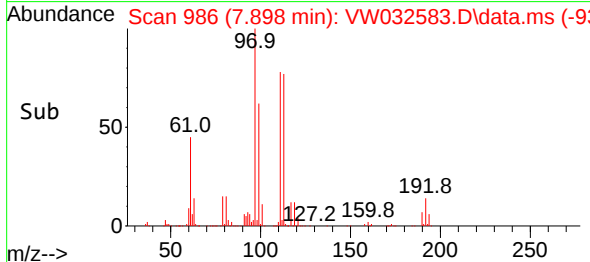
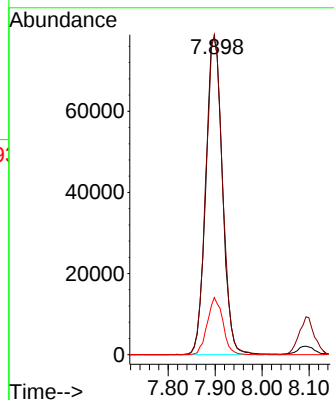
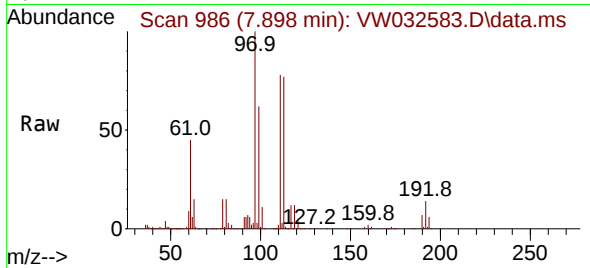




#35
Dibromofluoromethane
Concen: 45.266 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

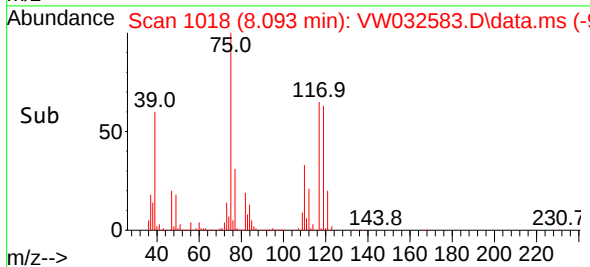
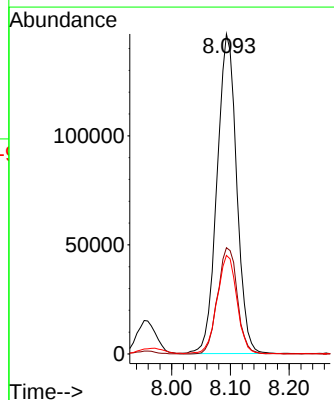
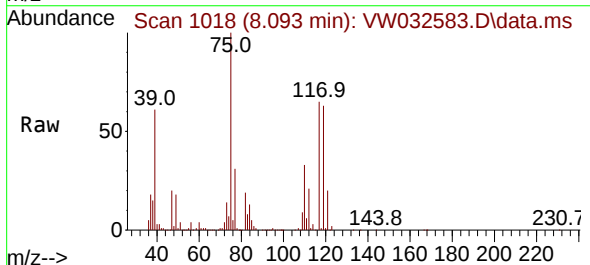
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

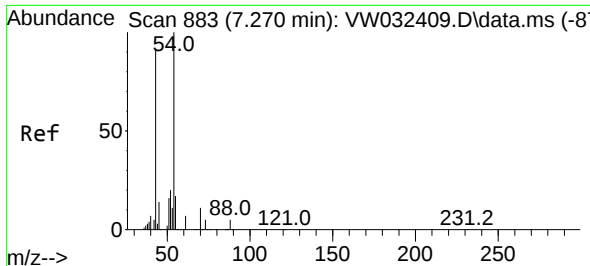
Tgt Ion:113 Resp: 191802
Ion Ratio Lower Upper
113 100
111 100.6 83.4 125.0
192 16.9 13.4 20.2



#36
1,1-Dichloropropene
Concen: 52.546 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 75 Resp: 339605
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.6
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 49.616 ug/l

RT: 7.270 min Scan# 883

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

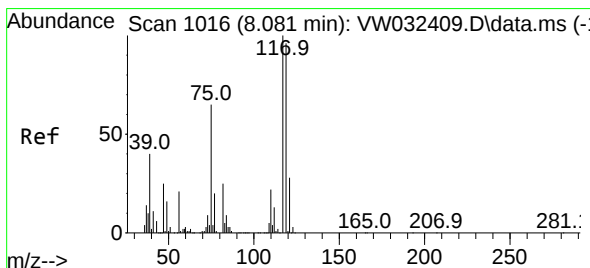
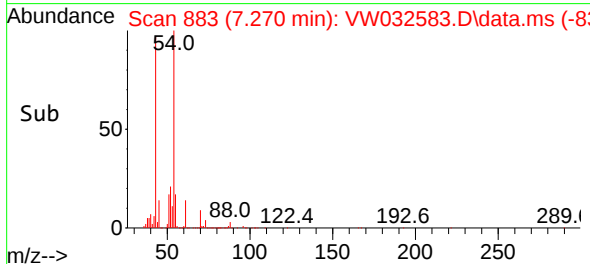
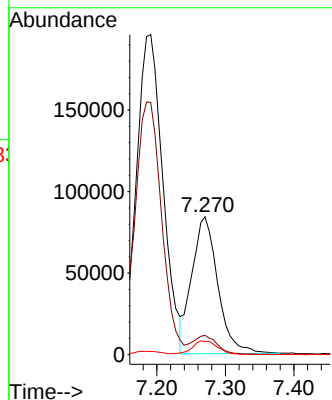
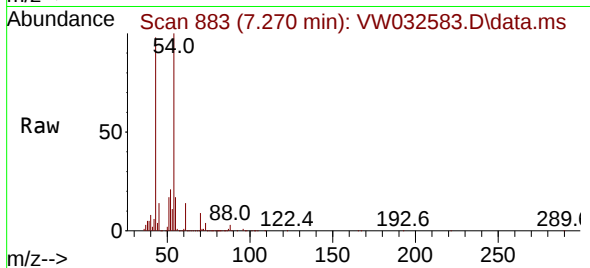
MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 221912

Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.6	16.0
70	9.8	7.9	11.9



#38

Carbon Tetrachloride

Concen: 52.956 ug/l

RT: 8.081 min Scan# 1016

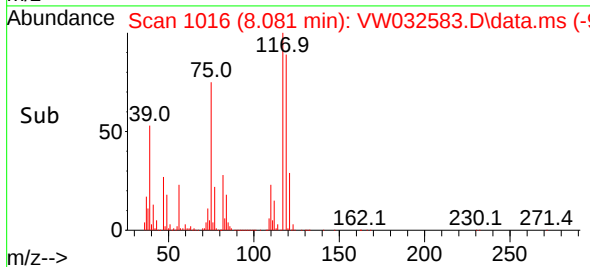
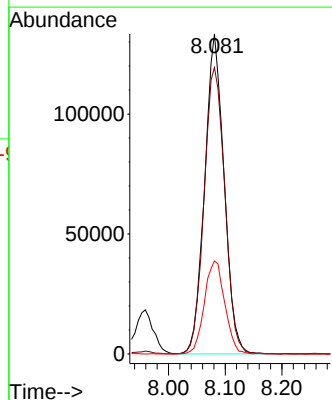
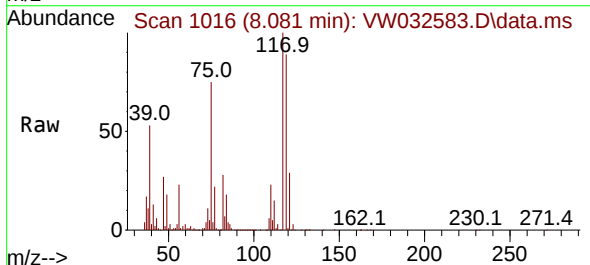
Delta R.T. -0.000 min

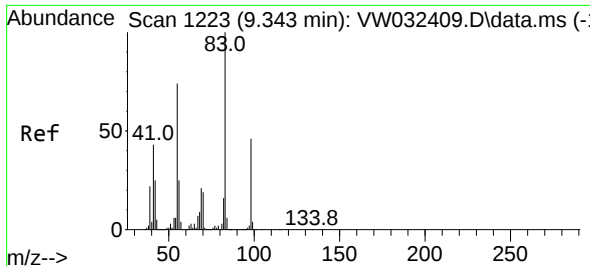
Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Tgt Ion: 117 Resp: 317968

Ion	Ratio	Lower	Upper
117	100		
119	89.5	76.9	115.3
121	29.1	25.4	38.2





#39

Methylcyclohexane

Concen: 56.078 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

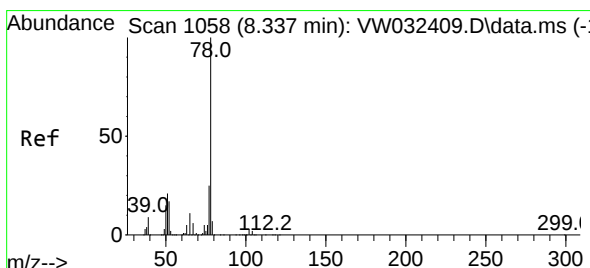
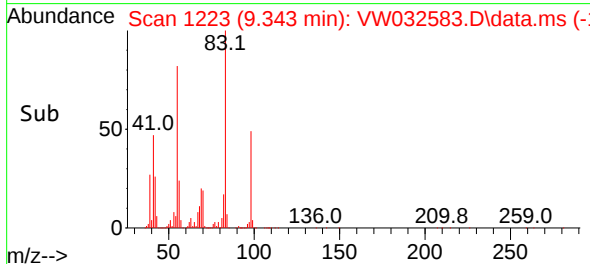
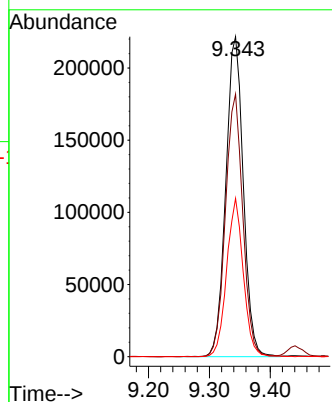
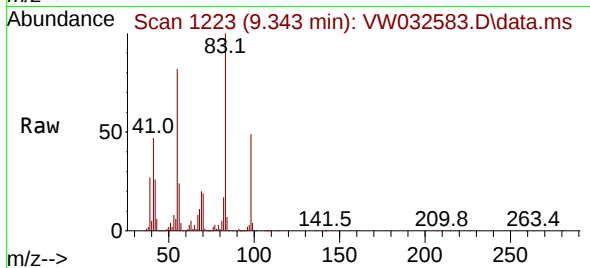
Tgt Ion: 83 Resp: 442559

Ion Ratio Lower Upper

83 100

55 82.0 64.9 97.3

98 49.5 36.2 54.4



#40

Benzene

Concen: 50.341 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032583.D

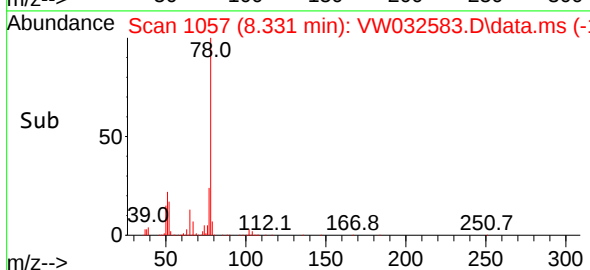
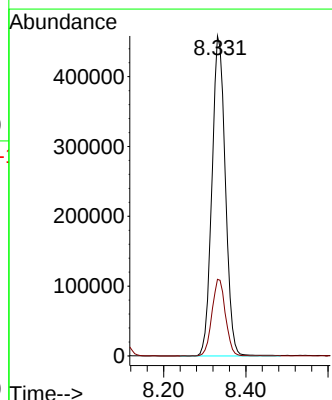
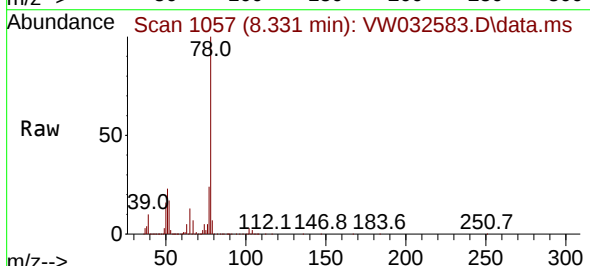
Acq: 08 Dec 2025 09:40

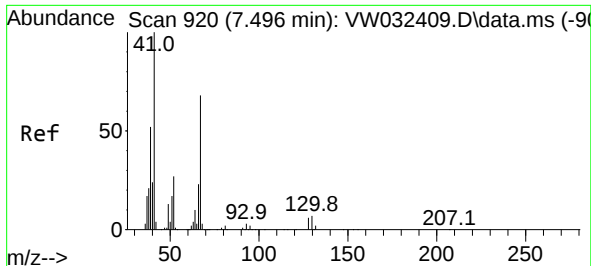
Tgt Ion: 78 Resp: 1036816

Ion Ratio Lower Upper

78 100

77 24.0 20.0 30.0

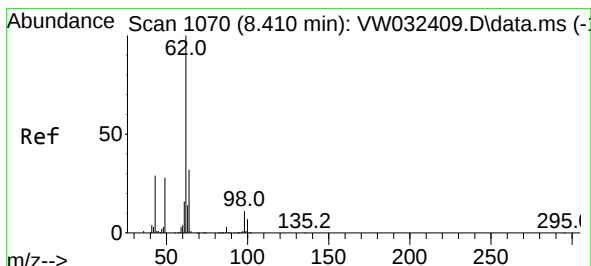
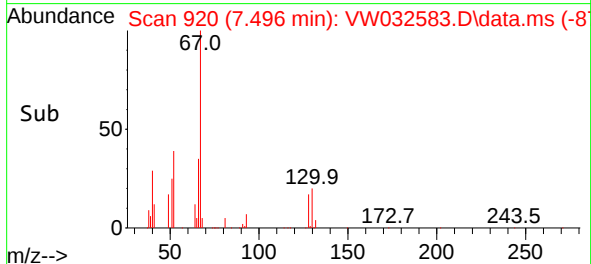
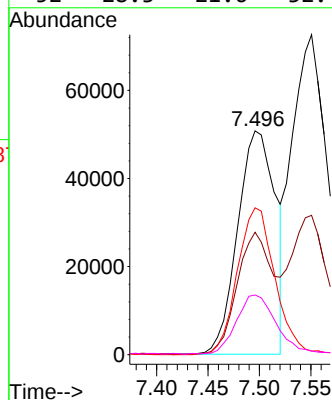
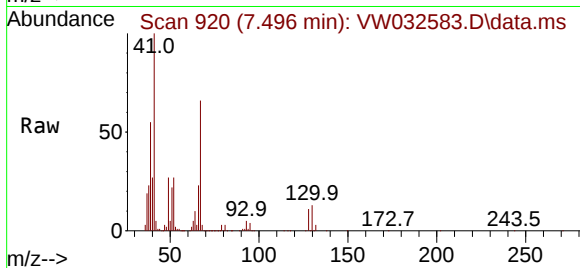




#41
Methacrylonitrile
Concen: 53.575 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

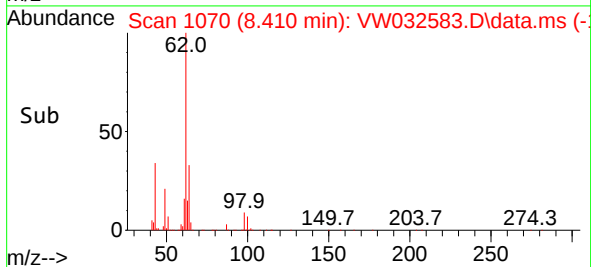
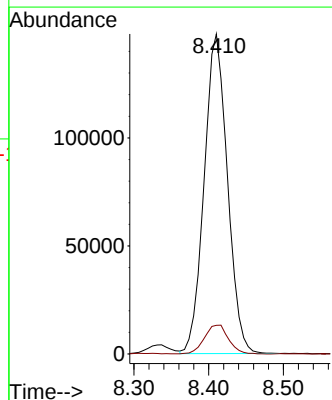
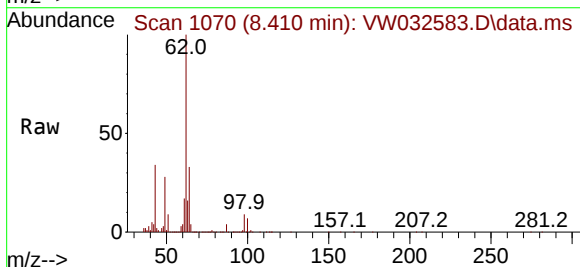
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

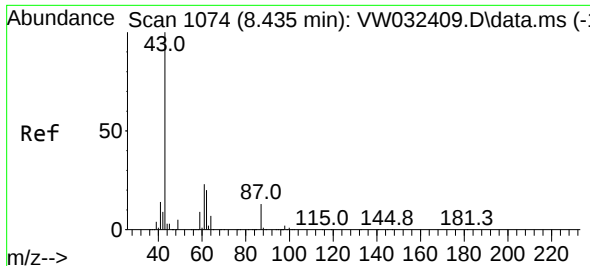
Tgt Ion:	41	Resp:	129656
Ion	Ratio	Lower	Upper
41	100		
39	53.4	38.5	57.7
67	65.9	49.8	74.6
52	28.3	21.6	32.4



#42
1,2-Dichloroethane
Concen: 50.712 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion:	62	Resp:	320233
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0

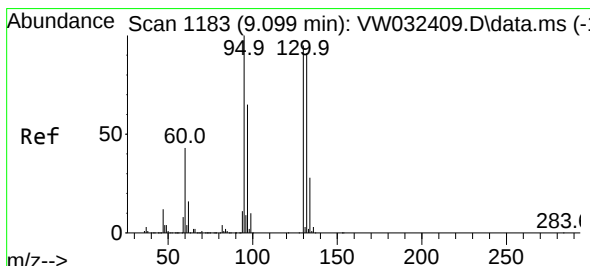
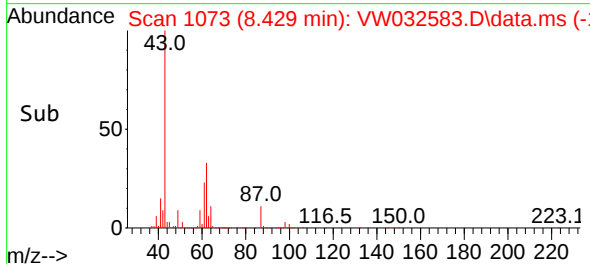
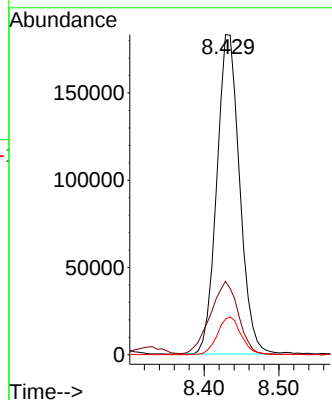
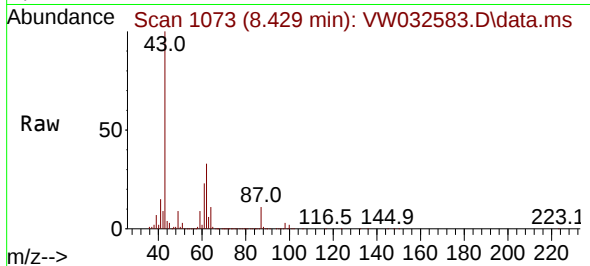




#43
Isopropyl Acetate
Concen: 50.776 ug/l
RT: 8.429 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

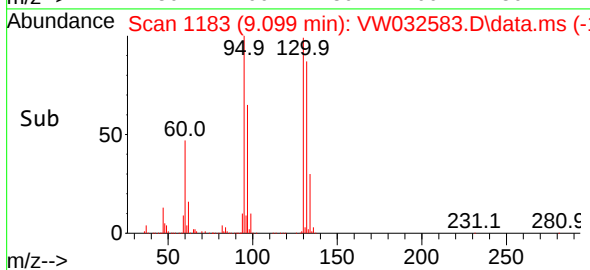
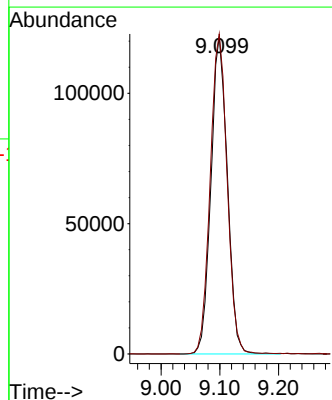
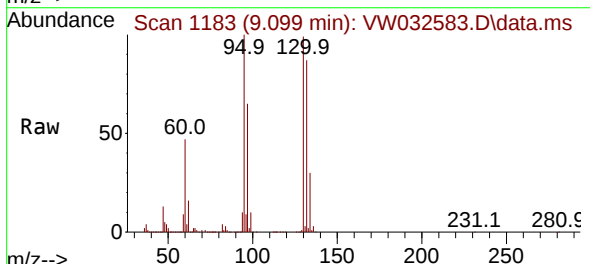
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

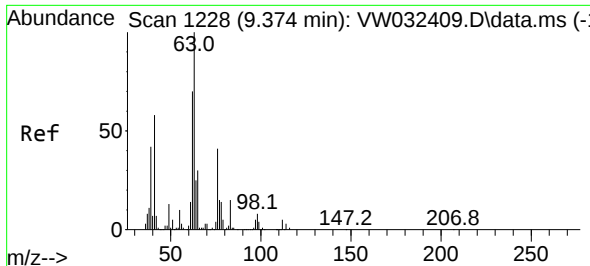
Tgt Ion: 43 Resp: 390360
Ion Ratio Lower Upper
43 100
61 27.9 22.3 33.5
87 12.3 9.9 14.9



#44
Trichloroethene
Concen: 51.280 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion:130 Resp: 236052
Ion Ratio Lower Upper
130 100
95 100.8 0.0 190.4

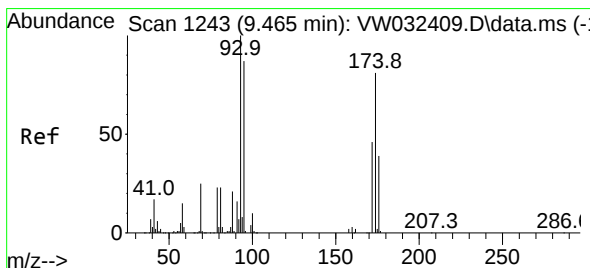
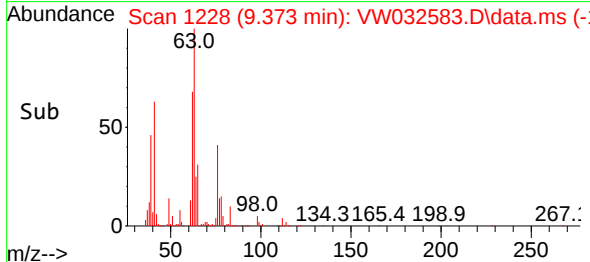
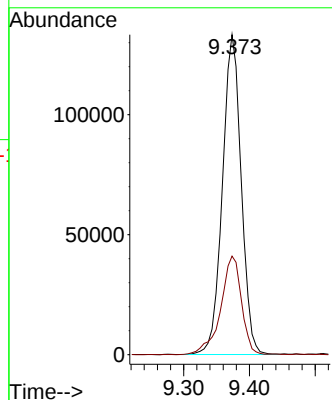
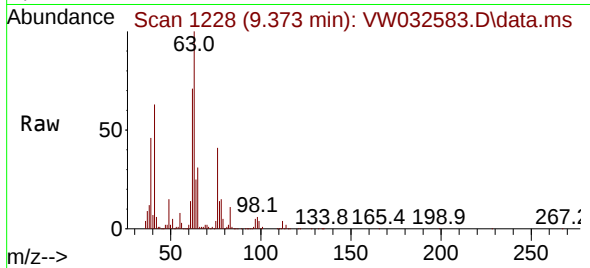




#45
1,2-Dichloropropane
Concen: 51.722 ug/l
RT: 9.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

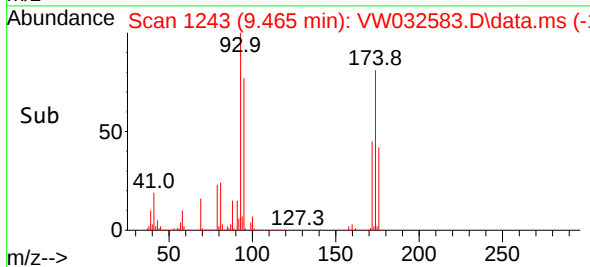
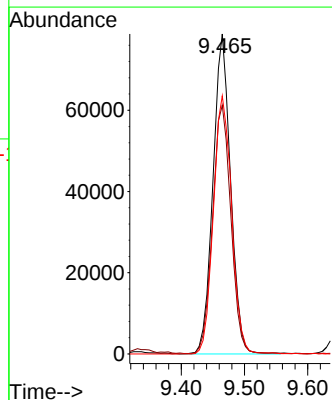
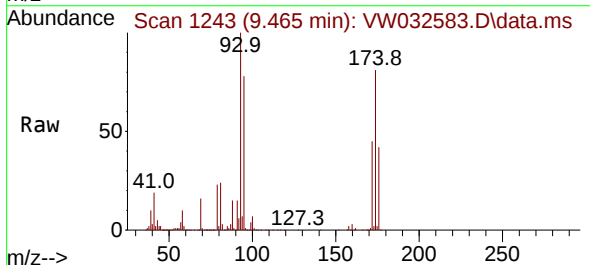
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

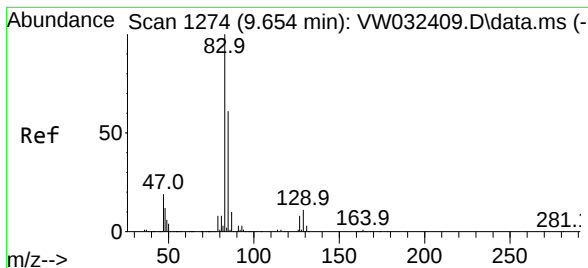
Tgt Ion: 63 Resp: 264593
Ion Ratio Lower Upper
63 100
65 30.8 26.5 39.7



#46
Dibromomethane
Concen: 51.517 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 93 Resp: 152399
Ion Ratio Lower Upper
93 100
95 80.5 66.4 99.6
174 83.8 65.3 97.9





#47

Bromodichloromethane

Concen: 52.039 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

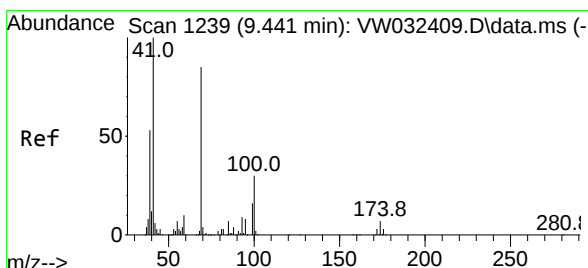
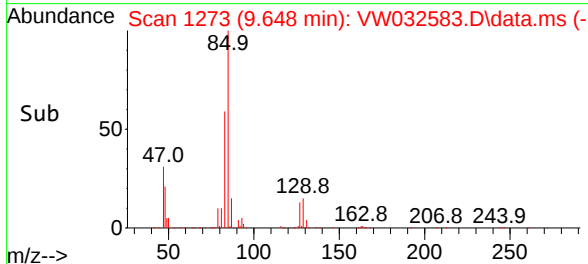
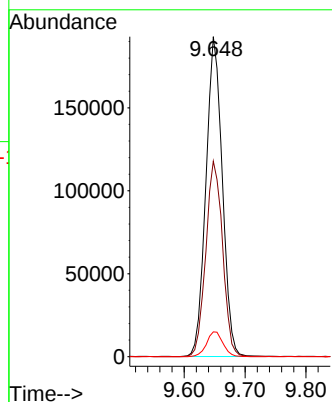
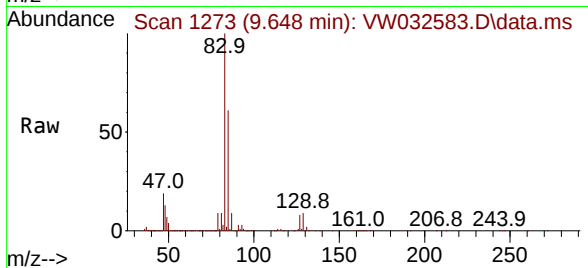
Tgt Ion: 83 Resp: 360823

Ion Ratio Lower Upper

83 100

85 61.1 50.8 76.2

127 7.8 7.0 10.6



#48

Methyl methacrylate

Concen: 52.072 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

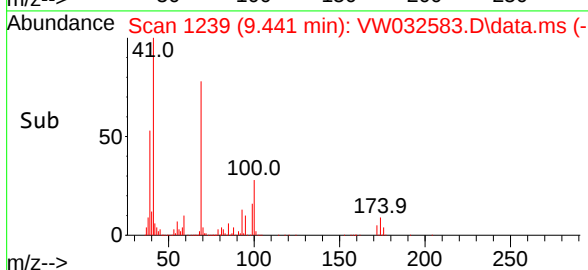
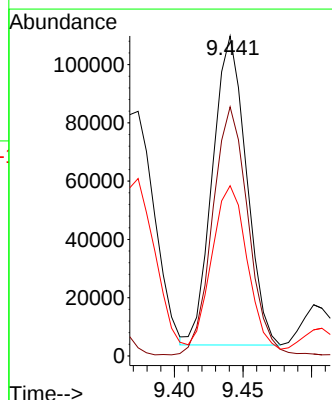
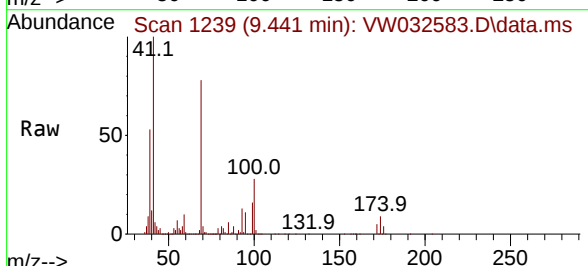
Tgt Ion: 41 Resp: 181976

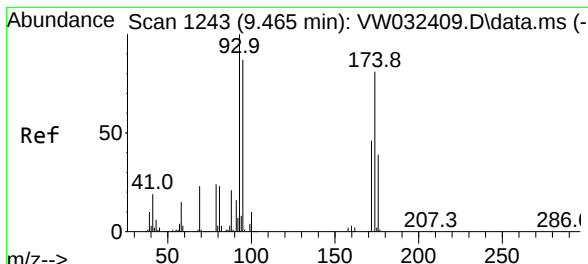
Ion Ratio Lower Upper

41 100

69 85.0 62.1 93.1

39 54.7 39.1 58.7

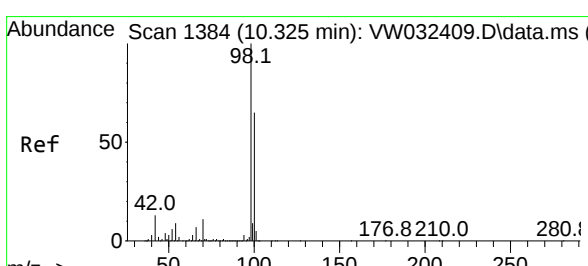
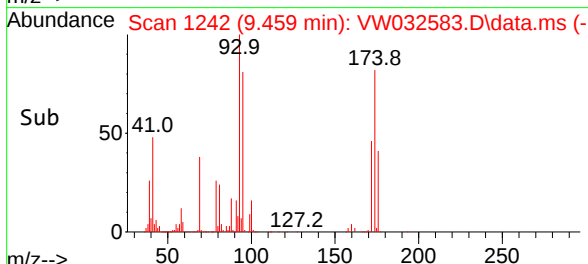
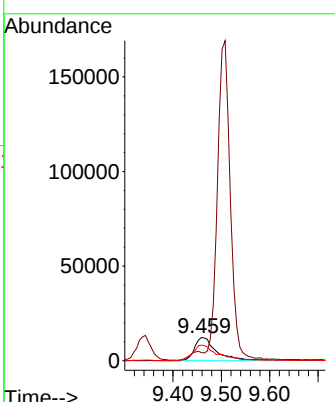
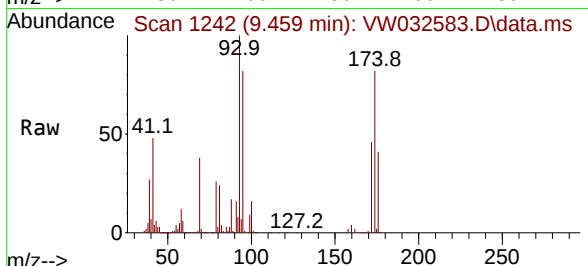




#49
 1,4-Dioxane
 Concen: 1094.428 ug/l
 RT: 9.459 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW032583.D
 Acq: 08 Dec 2025 09:40

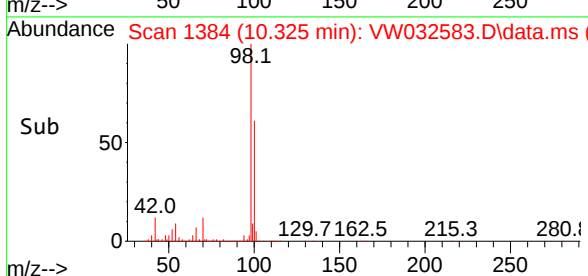
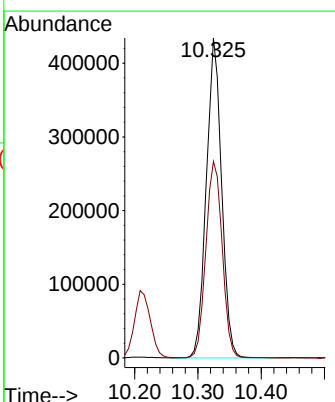
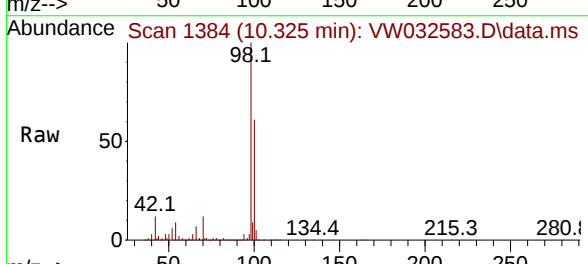
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

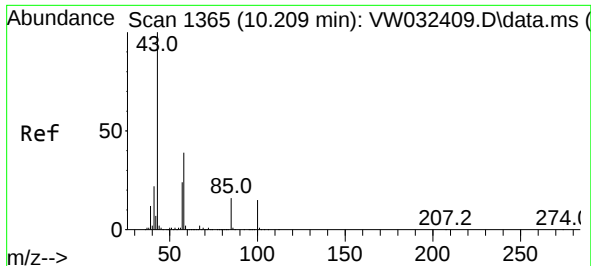
Tgt Ion:	88	Resp:	38686
Ion Ratio	Lower	Upper	
88	100		
43	24.7	0.0	0.0#
58	77.8	65.2	97.8



#50
 Toluene-d8
 Concen: 45.683 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032583.D
 Acq: 08 Dec 2025 09:40

Tgt Ion:	98	Resp:	728370
Ion Ratio	Lower	Upper	
98	100		
100	65.4	54.7	82.1

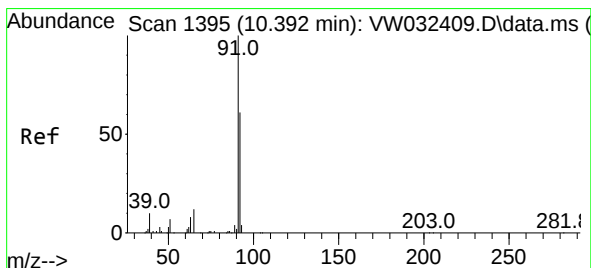
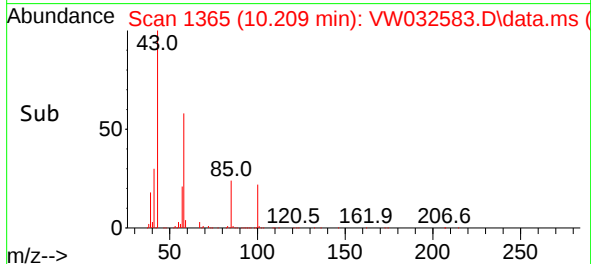
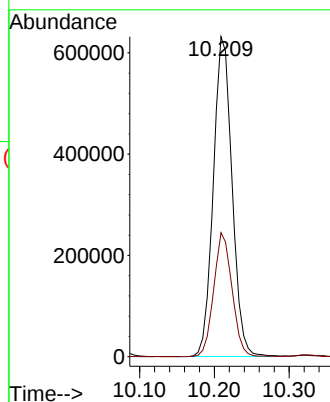
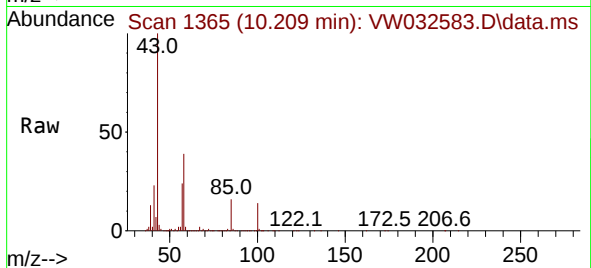




#51
4-Methyl-2-Pentanone
Concen: 259.708 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

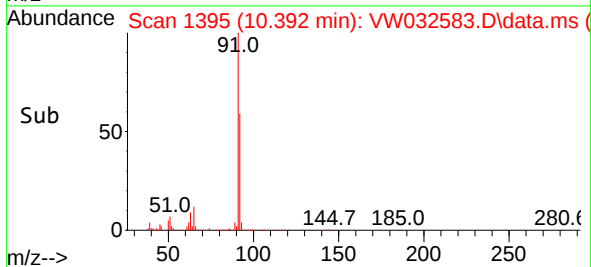
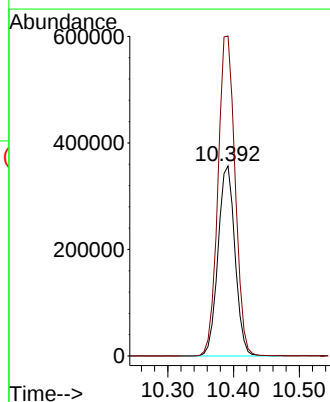
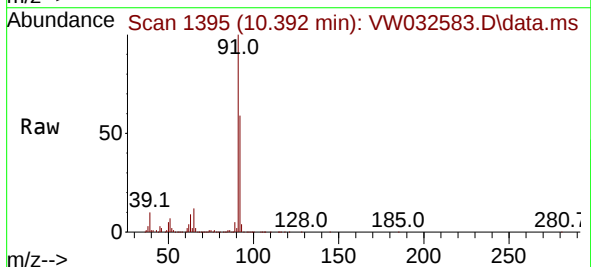
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

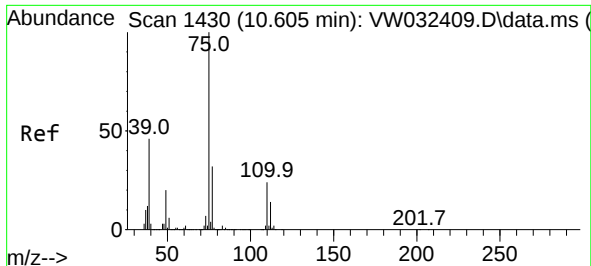
Tgt Ion: 43 Resp: 1104776
Ion Ratio Lower Upper
43 100
58 37.9 30.5 45.7



#52
Toluene
Concen: 51.558 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 92 Resp: 639827
Ion Ratio Lower Upper
92 100
91 170.5 138.6 207.8

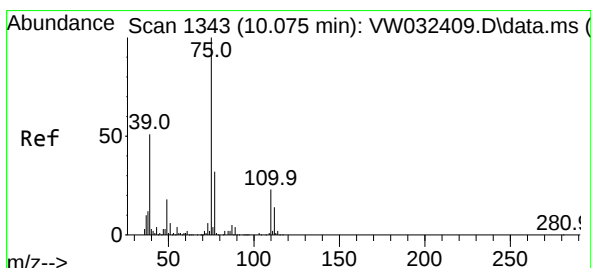
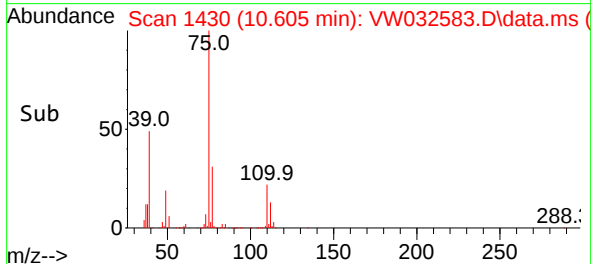
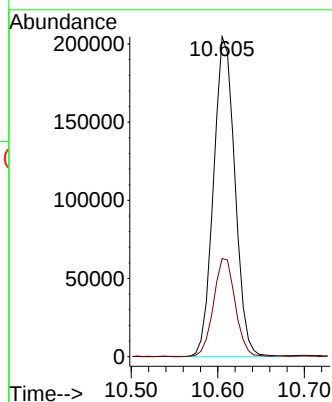
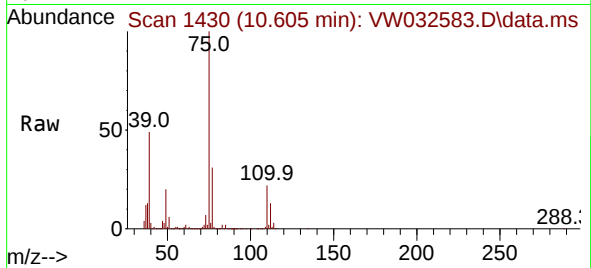




#53
t-1,3-Dichloropropene
Concen: 52.828 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

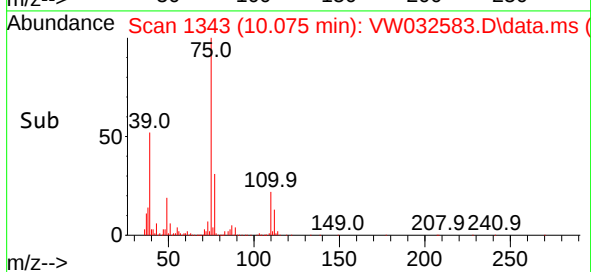
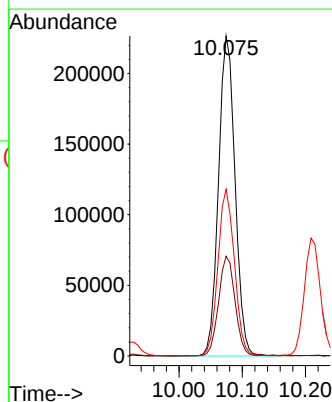
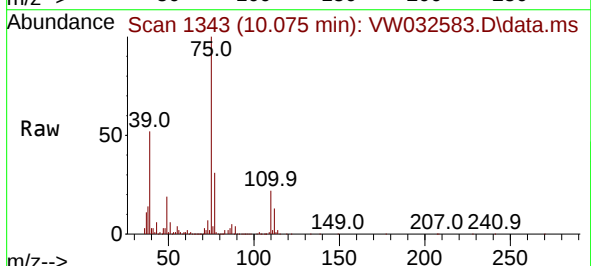
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

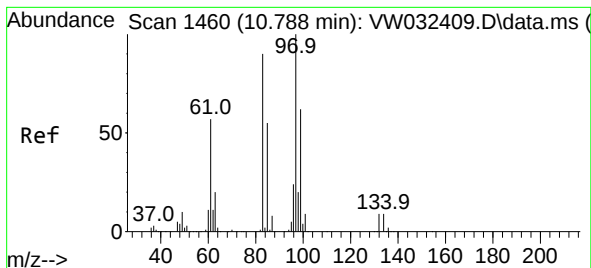
Tgt Ion: 75 Resp: 351401
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.606 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 75 Resp: 410648
Ion Ratio Lower Upper
75 100
77 31.1 26.5 39.7
39 52.0 42.9 64.3



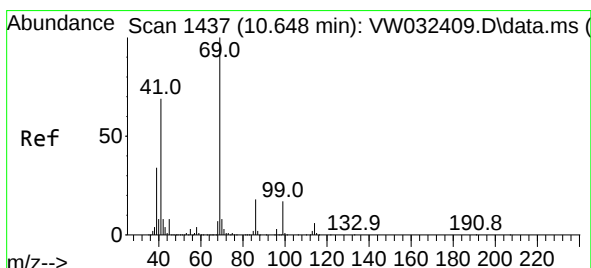
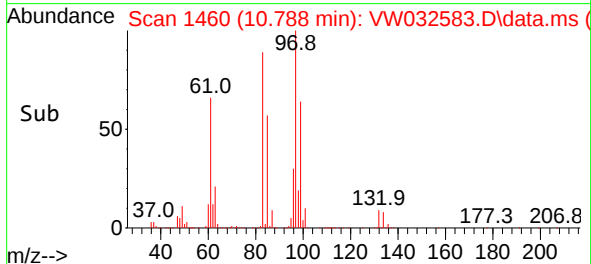
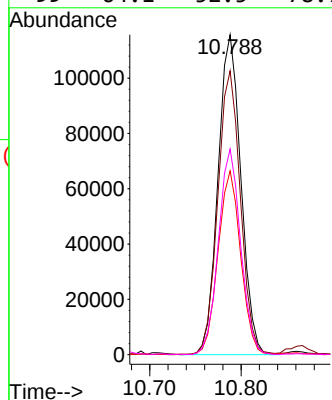
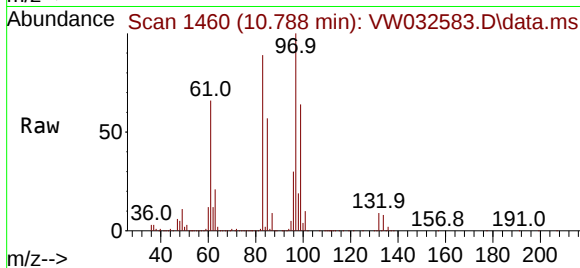


#55
1,1,2-Trichloroethane
Concen: 50.858 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 201509

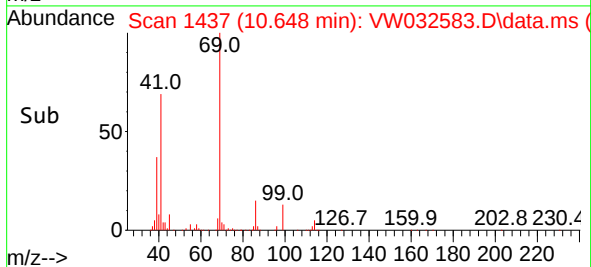
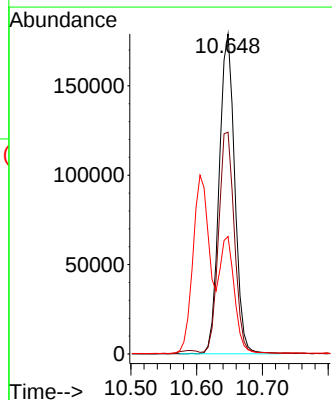
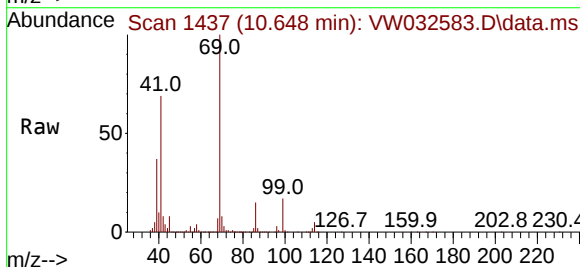
Ion	Ratio	Lower	Upper
97	100		
83	88.6	76.3	114.5
85	57.4	46.1	69.1
99	64.1	52.5	78.7

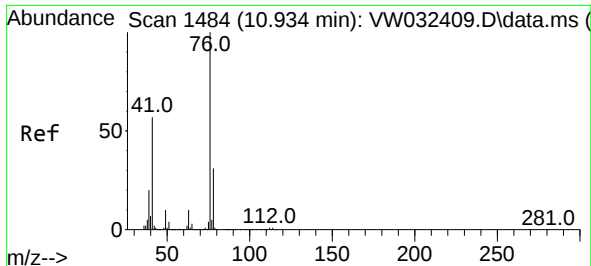


#56
Ethyl methacrylate
Concen: 53.630 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 69 Resp: 293861

Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.2	84.4
39	33.6	26.9	40.3





#57

1,3-Dichloropropane

Concen: 51.666 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

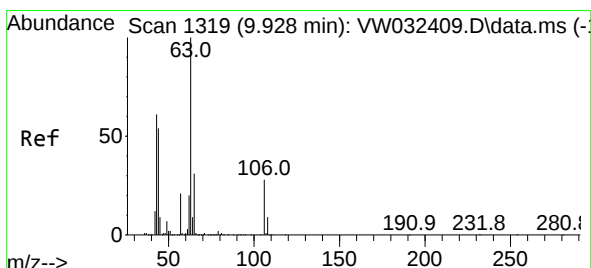
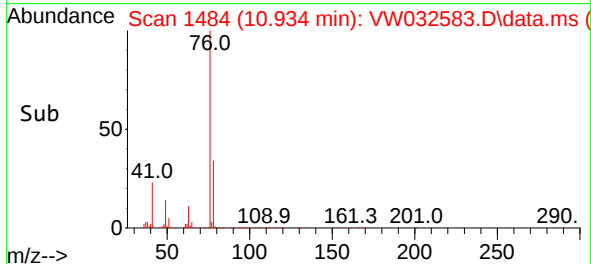
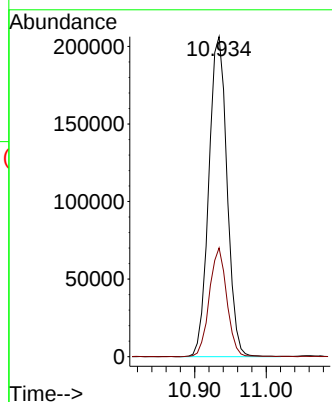
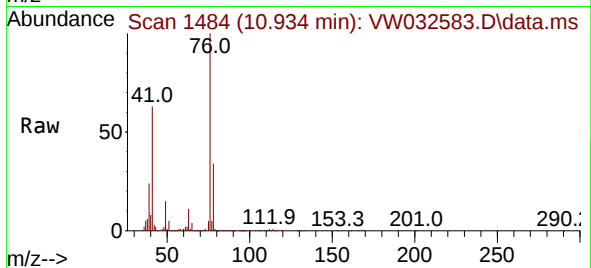
VSTDCCC050

Tgt Ion: 76 Resp: 365342

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 262.973 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032583.D

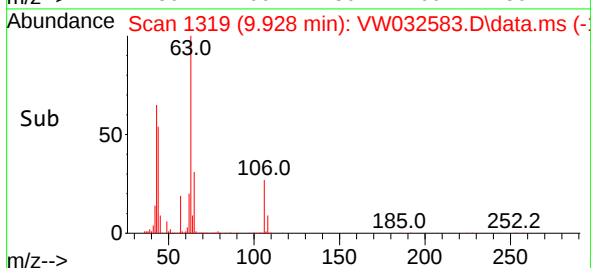
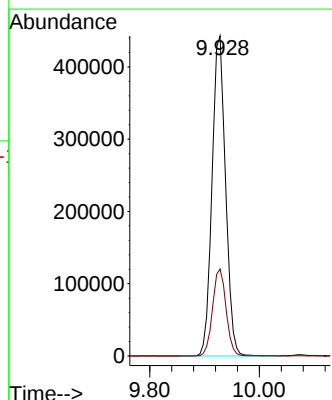
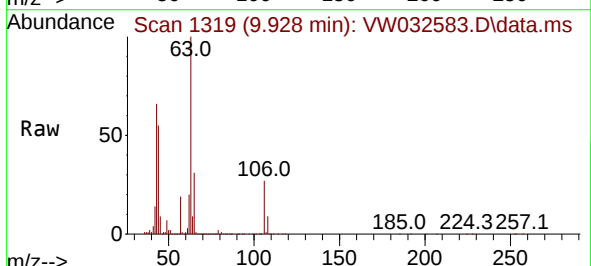
Acq: 08 Dec 2025 09:40

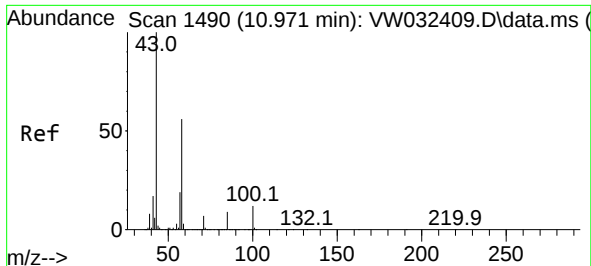
Tgt Ion: 63 Resp: 755009

Ion Ratio Lower Upper

63 100

106 27.2 21.5 32.3

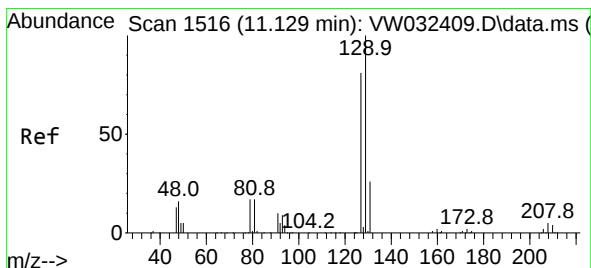
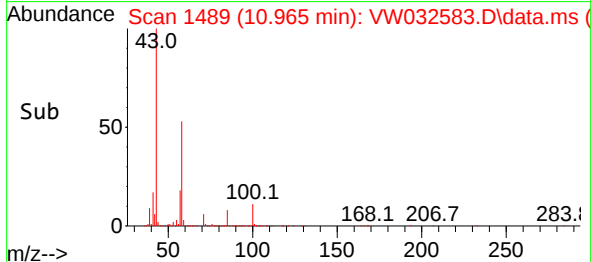
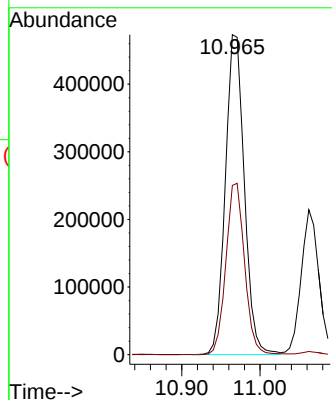
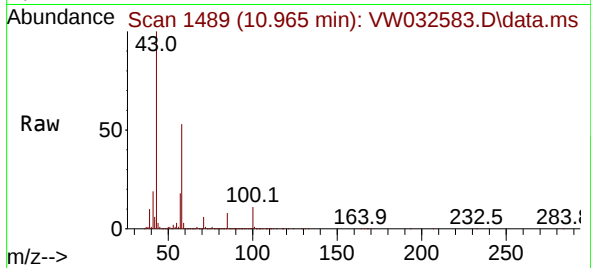




#59
2-Hexanone
Concen: 262.809 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

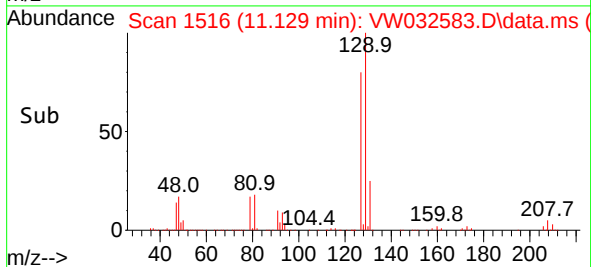
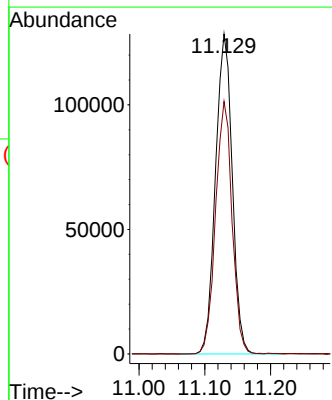
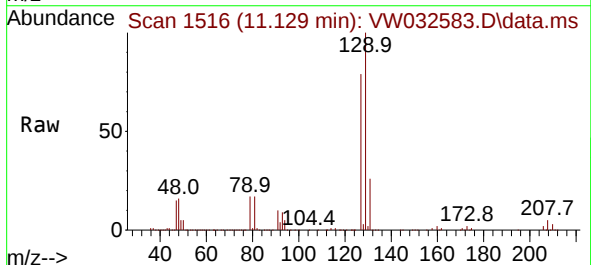
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

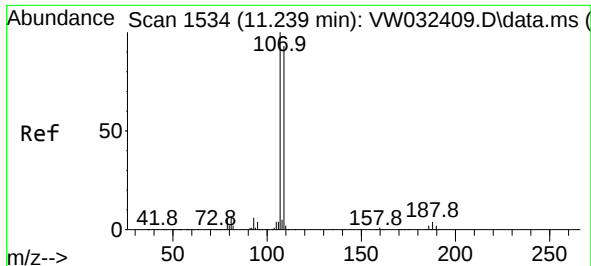
Tgt Ion: 43 Resp: 796187
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.6



#60
Dibromochloromethane
Concen: 51.320 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion:129 Resp: 227900
Ion Ratio Lower Upper
129 100
127 77.8 40.9 122.8

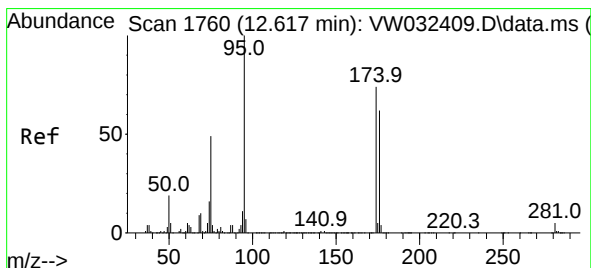
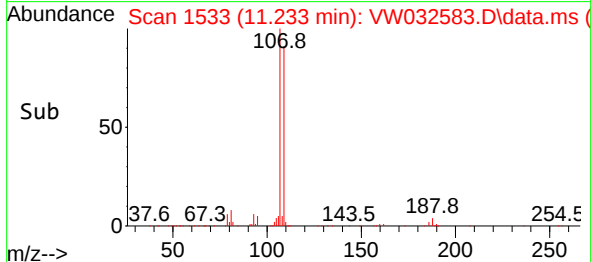
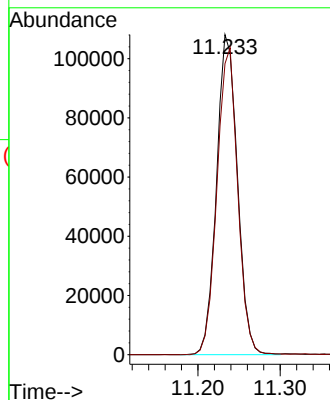
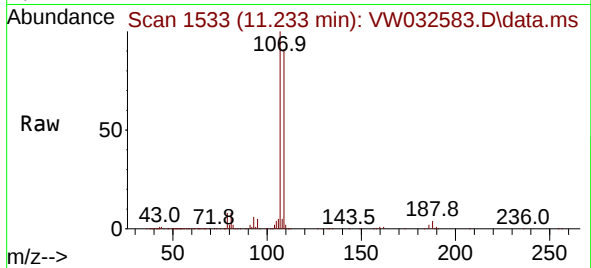




#61
1,2-Dibromoethane
Concen: 50.713 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

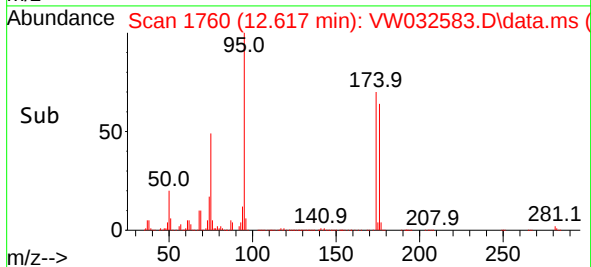
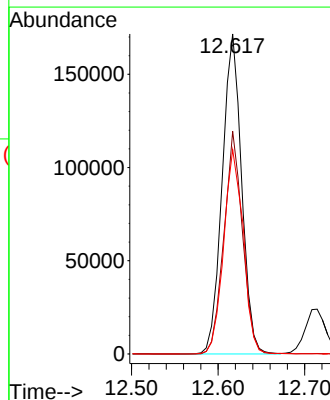
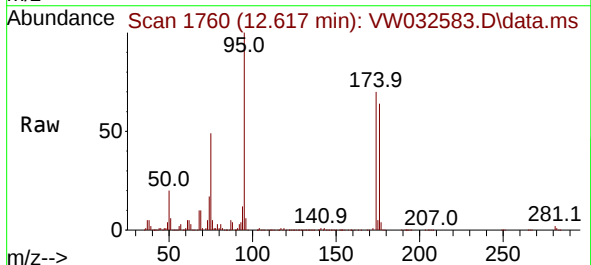
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

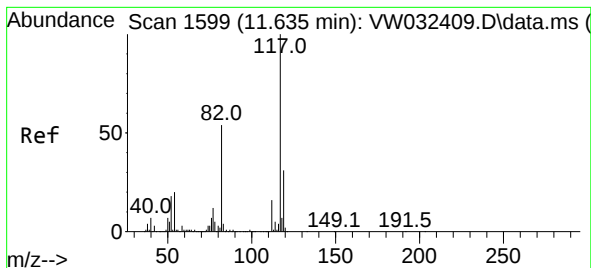
Tgt Ion:107 Resp: 191095
Ion Ratio Lower Upper
107 100
109 94.9 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 45.309 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 95 Resp: 266897
Ion Ratio Lower Upper
95 100
174 67.0 0.0 141.2
176 64.6 0.0 130.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

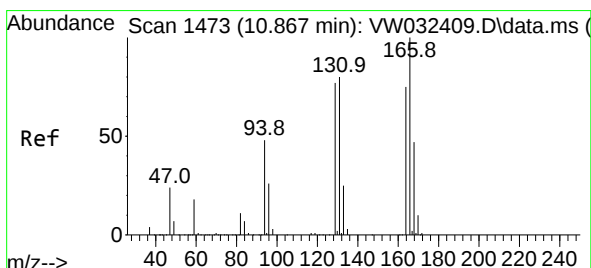
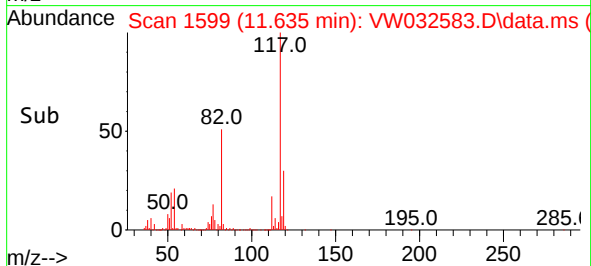
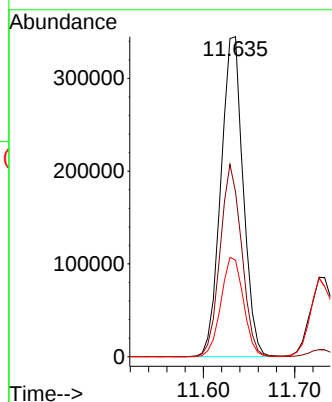
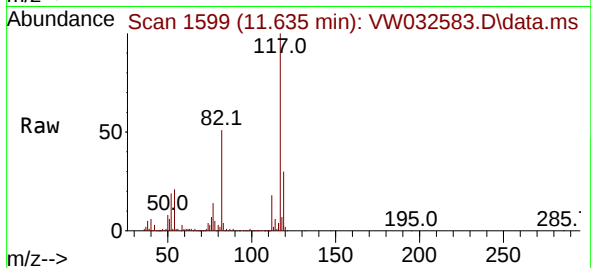
Tgt Ion:117 Resp: 585250

Ion Ratio Lower Upper

117 100

82 51.4 45.9 68.9

119 30.2 26.3 39.5



#64

Tetrachloroethene

Concen: 49.201 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Tgt Ion:164 Resp: 192053

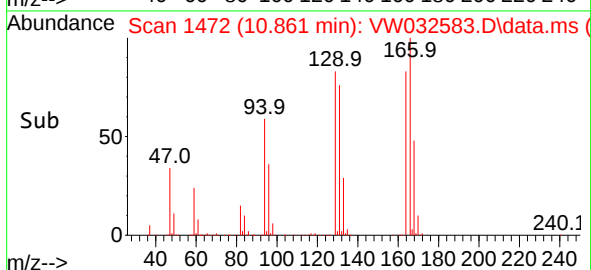
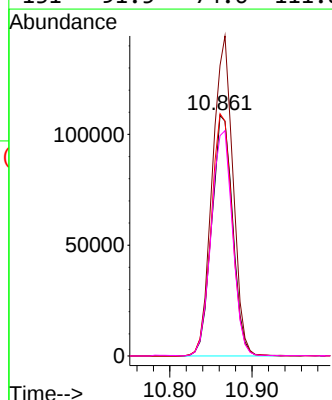
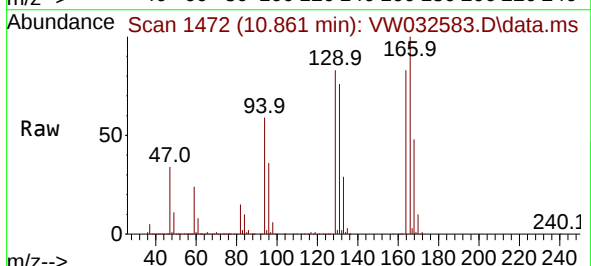
Ion Ratio Lower Upper

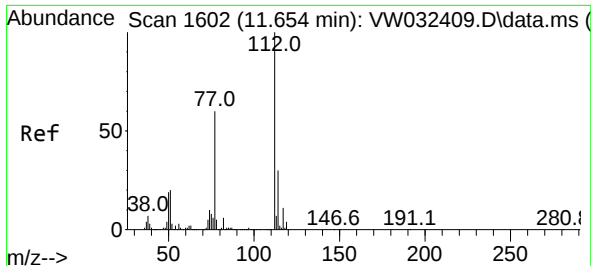
164 100

166 120.7 97.3 145.9

129 100.6 75.7 113.5

131 91.5 74.6 111.8

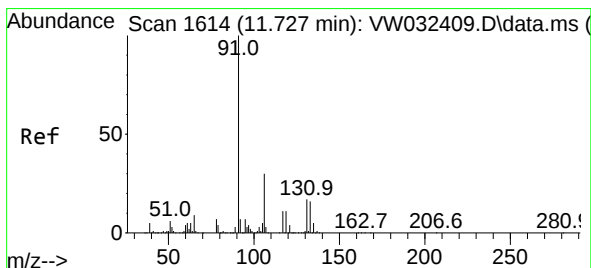
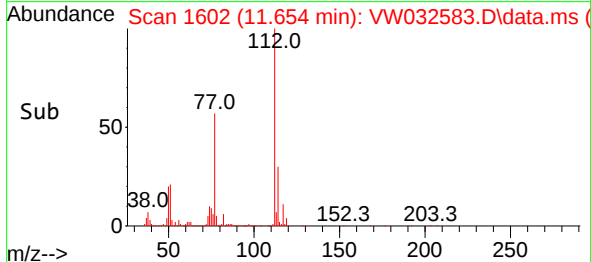
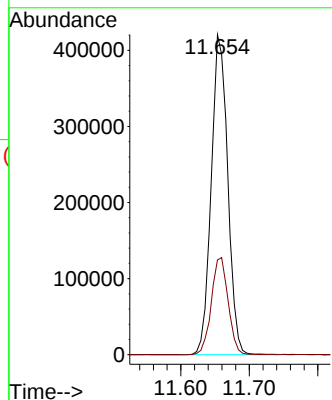
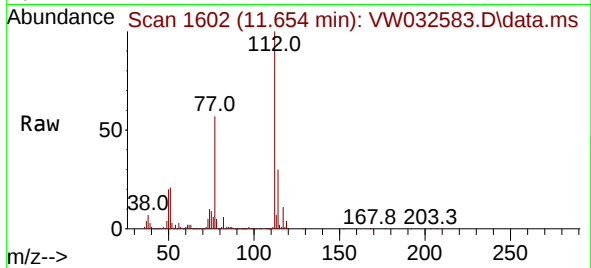




#65
Chlorobenzene
Concen: 50.817 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

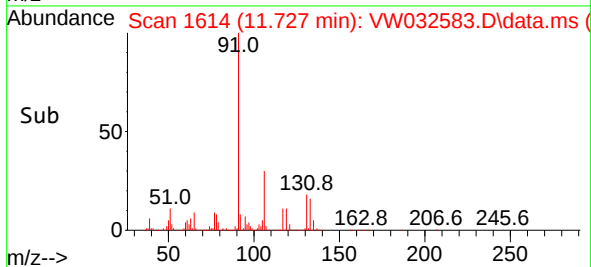
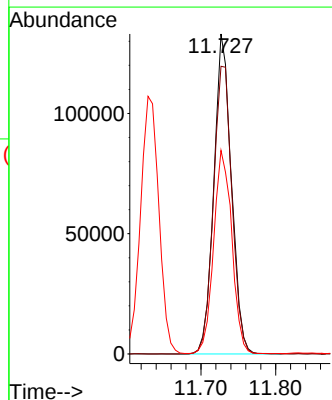
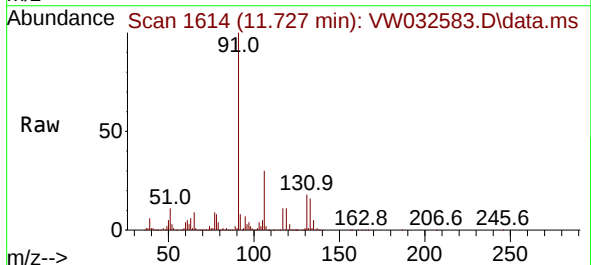
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

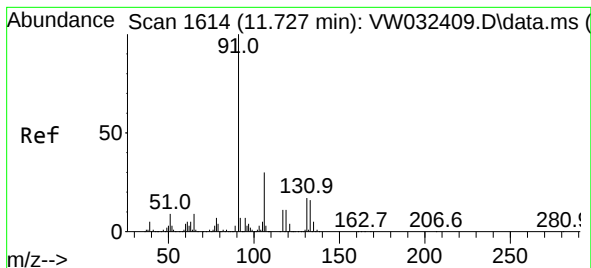
Tgt Ion:112 Resp: 702735
Ion Ratio Lower Upper
112 100
114 29.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.670 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion:131 Resp: 216721
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 65.9 32.2 96.6

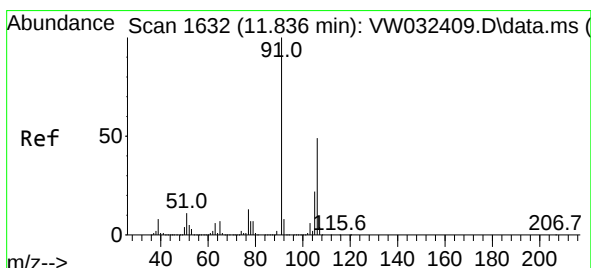
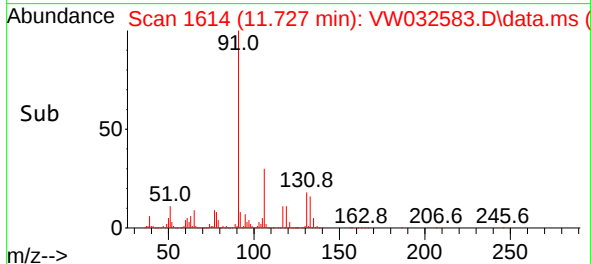
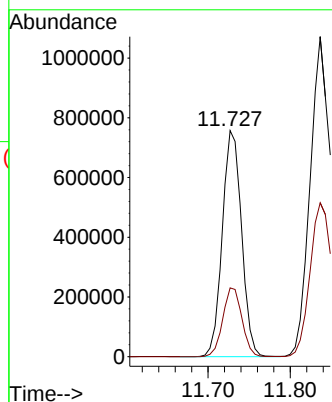
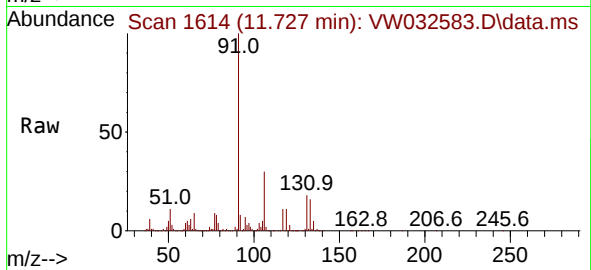




#67
Ethyl Benzene
Concen: 52.581 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

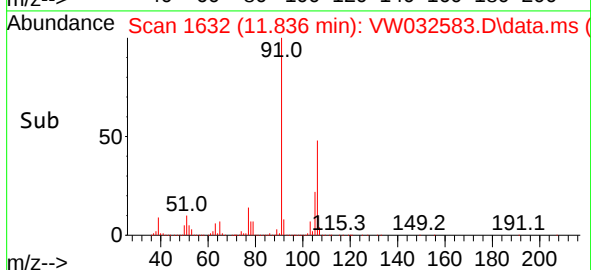
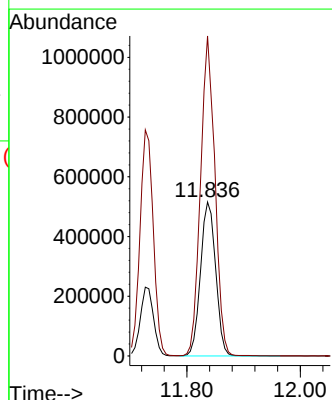
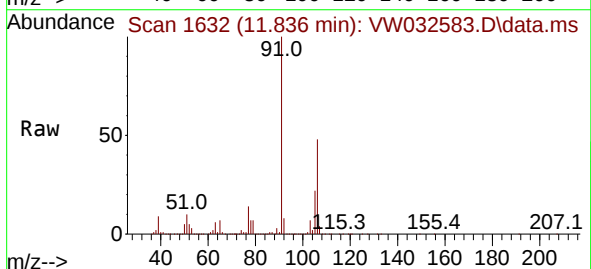
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

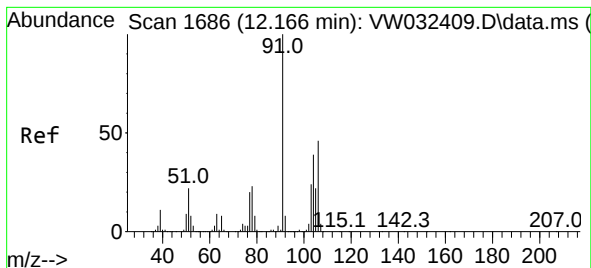
Tgt Ion: 91 Resp: 1234207
Ion Ratio Lower Upper
91 100
106 30.4 23.0 34.6



#68
m/p-Xylenes
Concen: 106.872 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion:106 Resp: 953728
Ion Ratio Lower Upper
106 100
91 198.2 163.3 244.9

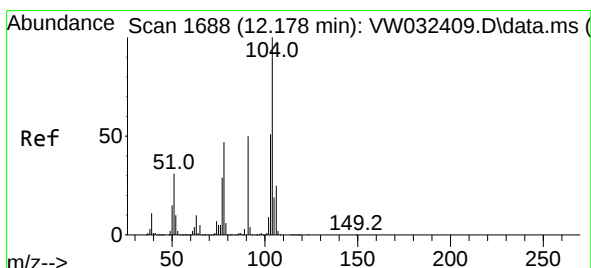
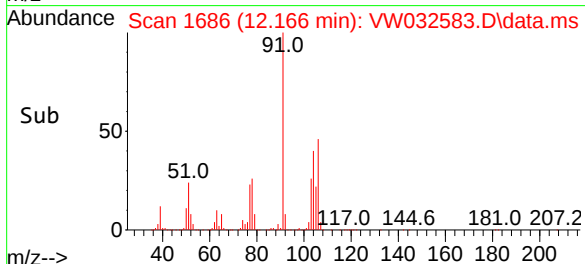
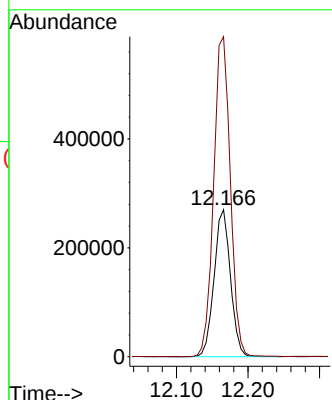
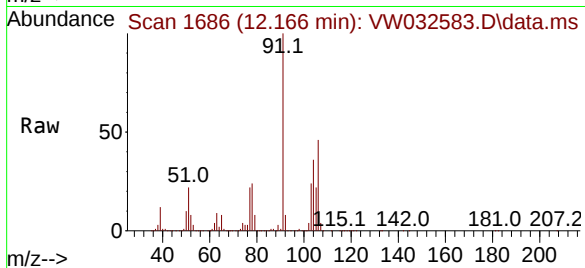




#69
o-Xylene
Concen: 52.439 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

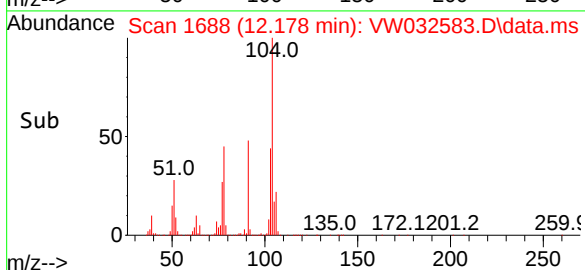
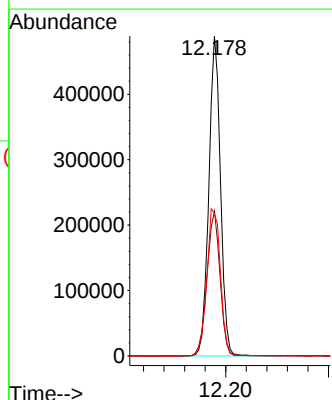
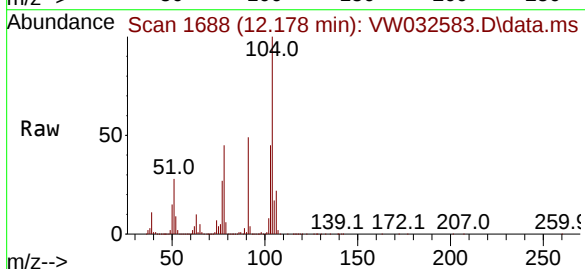
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

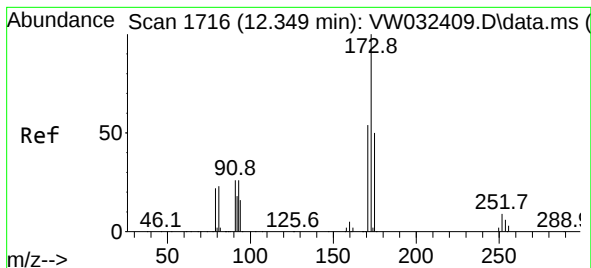
Tgt Ion:106 Resp: 428571
Ion Ratio Lower Upper
106 100
91 221.9 104.1 312.3



#70
Styrene
Concen: 53.683 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion:104 Resp: 769583
Ion Ratio Lower Upper
104 100
78 50.6 40.8 61.2
103 53.8 43.3 64.9





#71

Bromoform

Concen: 51.936 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

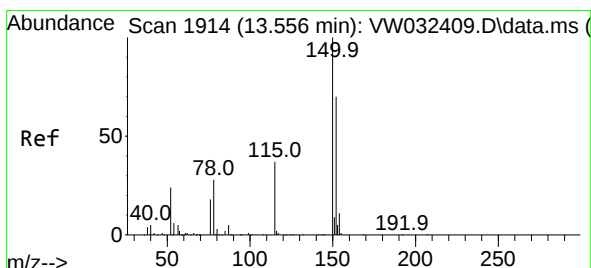
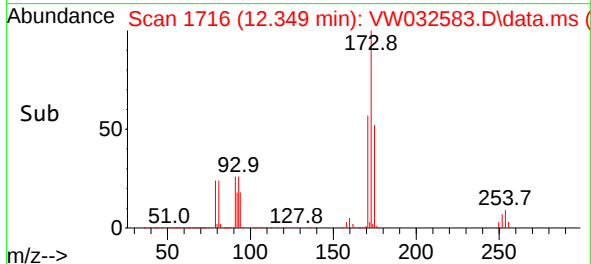
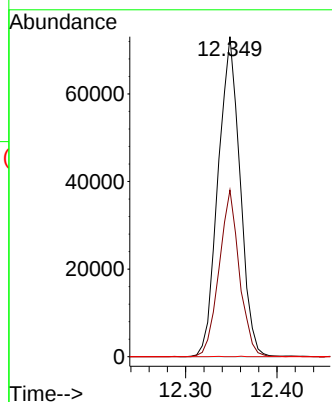
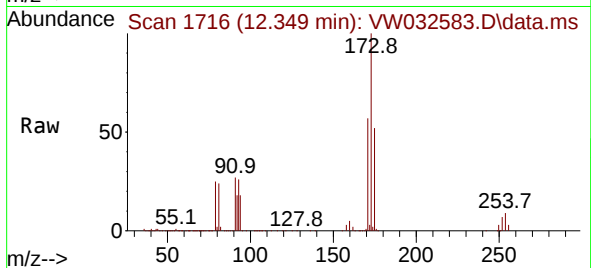
Tgt Ion:173 Resp: 122154

Ion Ratio Lower Upper

173 100

175 48.1 24.6 74.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

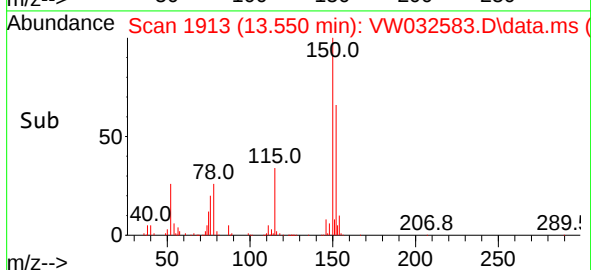
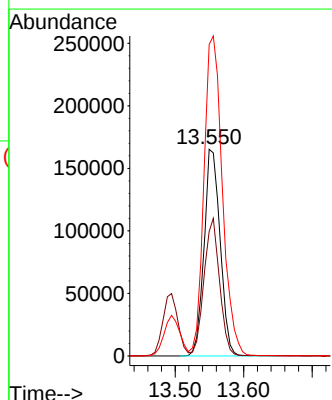
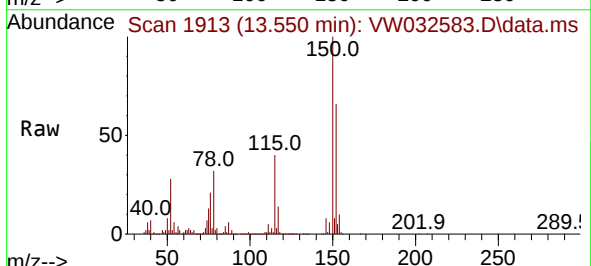
Tgt Ion:152 Resp: 270635

Ion Ratio Lower Upper

152 100

115 64.2 31.1 93.3

150 176.4 0.0 351.2





#73

Isopropylbenzene

Concen: 54.038 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

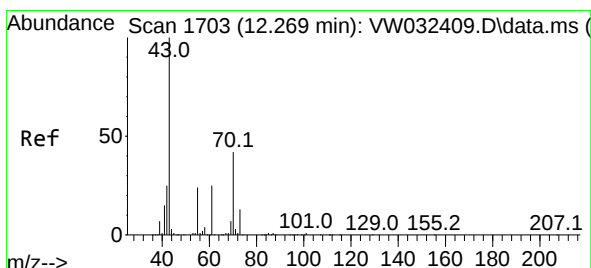
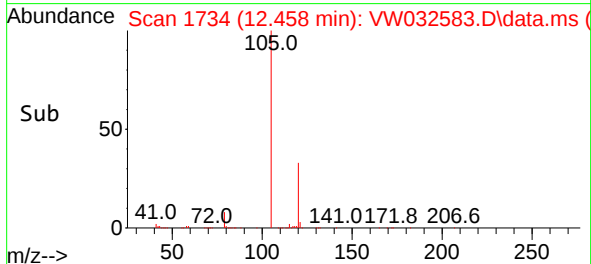
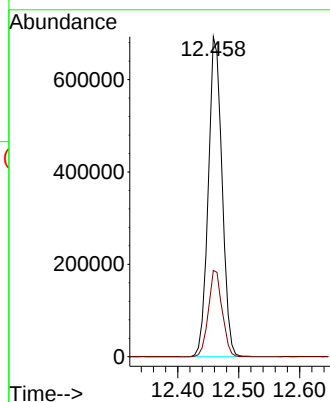
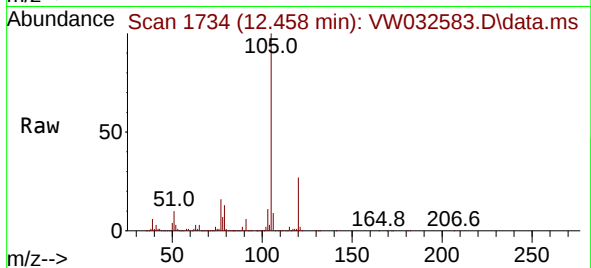
VSTDCCC050

Tgt Ion:105 Resp: 1084857

Ion Ratio Lower Upper

105 100

120 27.0 12.8 38.4



#74

N-ethyl acetate

Concen: 54.082 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Tgt Ion: 43 Resp: 359406

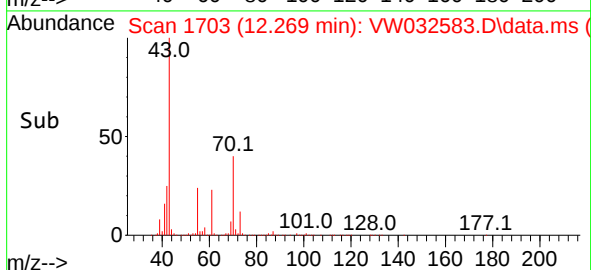
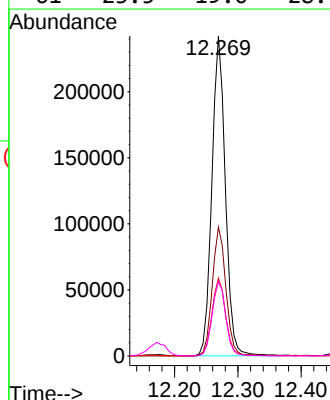
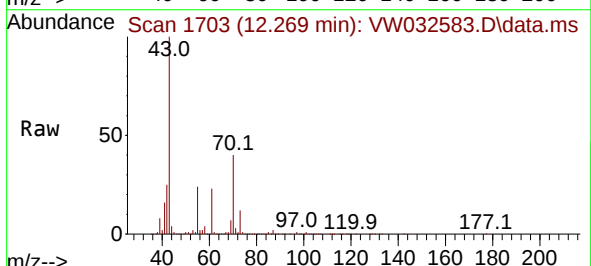
Ion Ratio Lower Upper

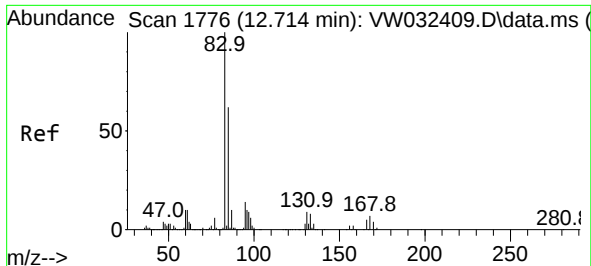
43 100

70 40.6 32.6 48.8

55 24.9 19.7 29.5

61 23.5 19.0 28.4

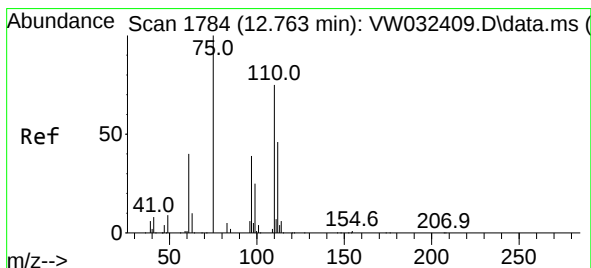
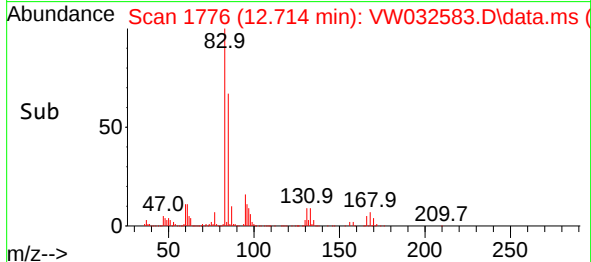
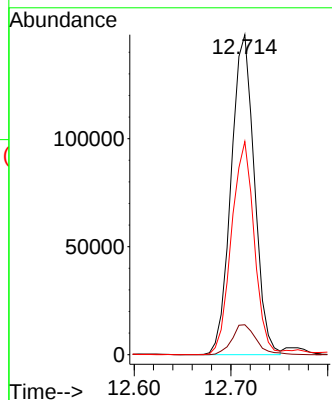
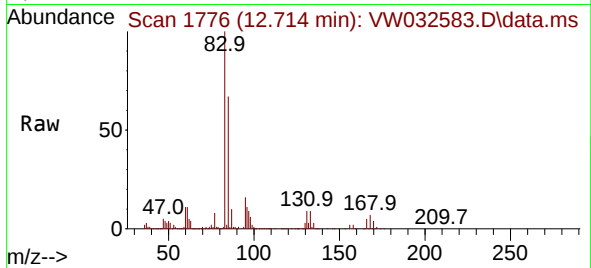




#75
1,1,2,2-Tetrachloroethane
Concen: 52.229 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

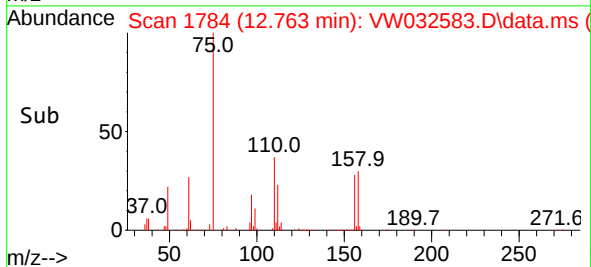
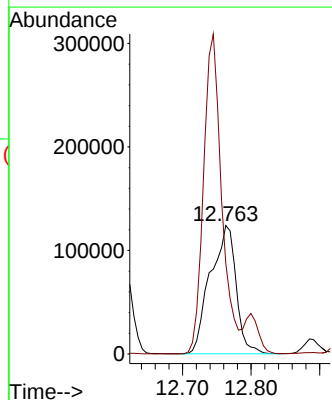
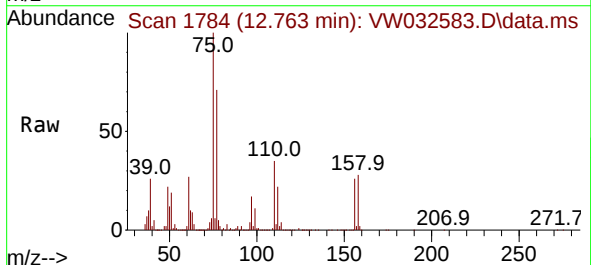
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

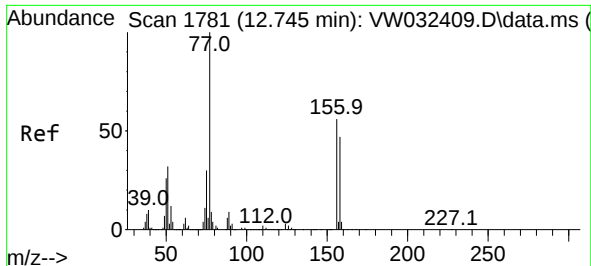
Tgt Ion: 83 Resp: 246834
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 65.3 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 88.399 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 75 Resp: 323726
Ion Ratio Lower Upper
75 100
77 175.6 148.2 444.4

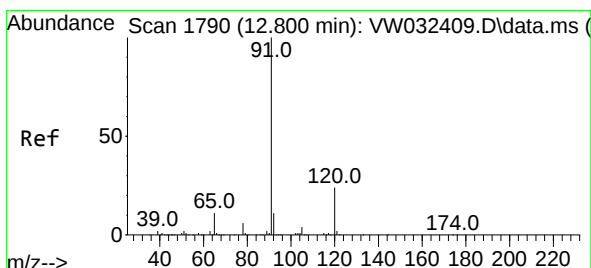
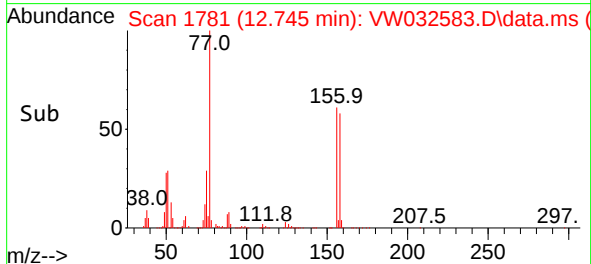
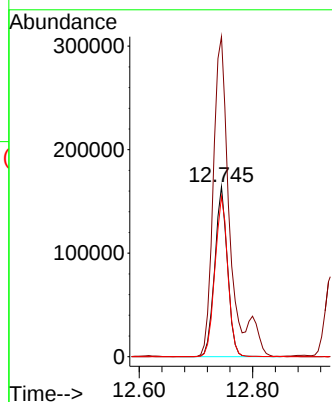
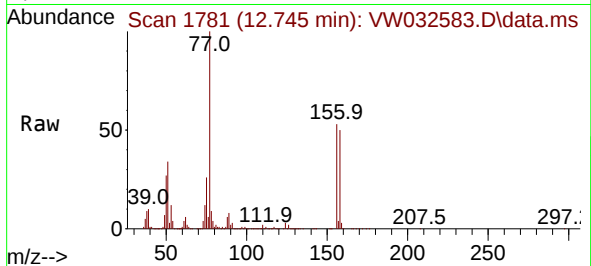




#77
Bromobenzene
Concen: 53.858 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

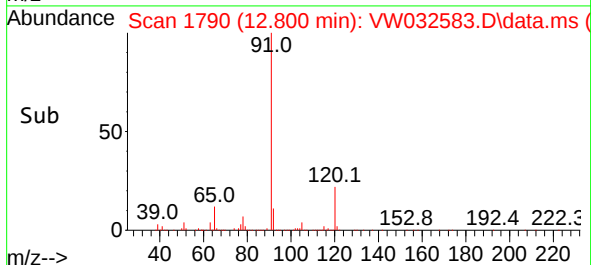
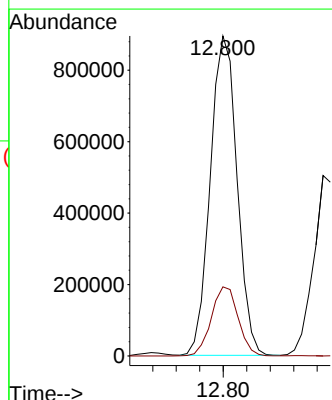
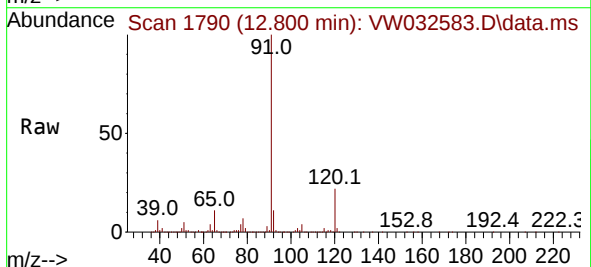
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

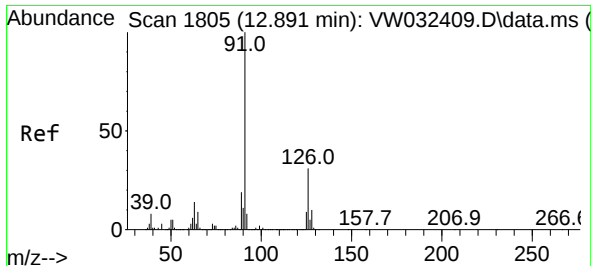
Tgt Ion:156 Resp: 255593
Ion Ratio Lower Upper
156 100
77 222.4 115.9 347.7
158 95.8 50.7 152.1



#78
n-propylbenzene
Concen: 55.271 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 91 Resp: 1415608
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4

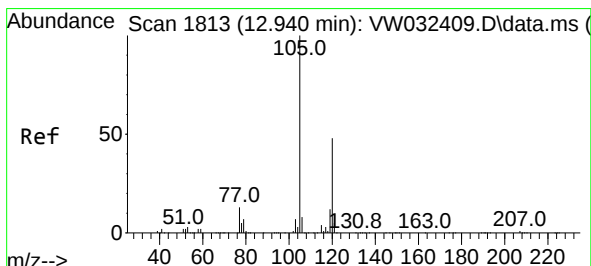
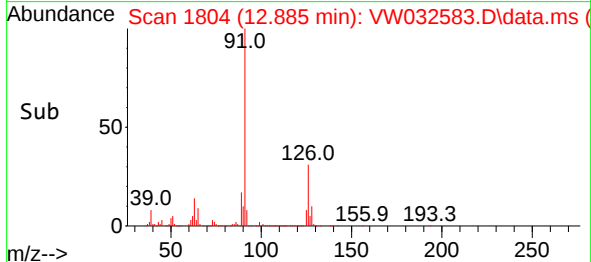
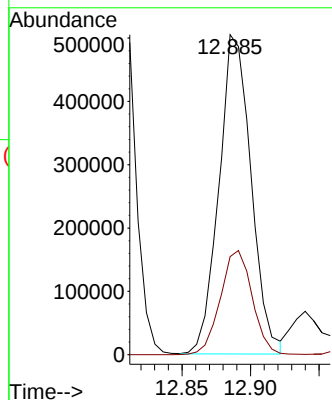
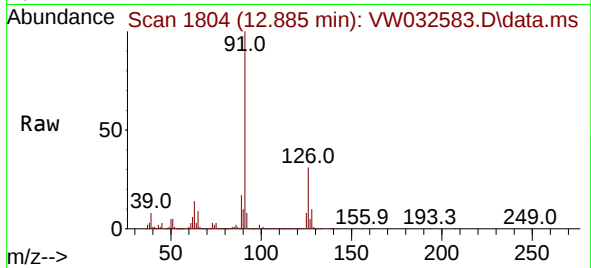




#79
2-Chlorotoluene
Concen: 53.861 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

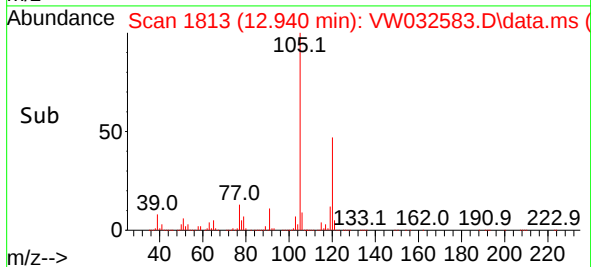
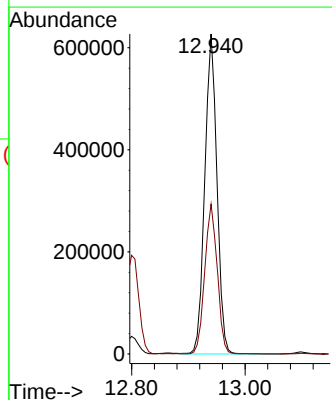
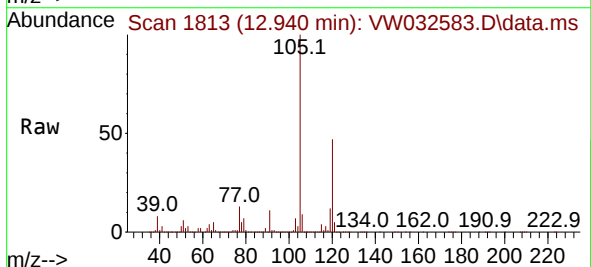
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

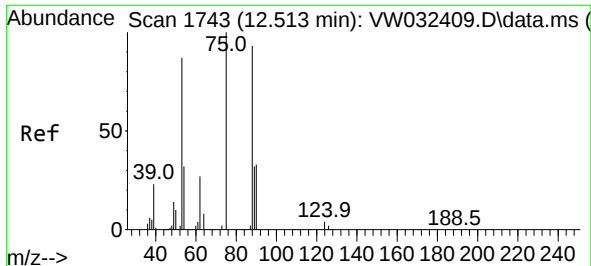
Tgt Ion: 91 Resp: 822505
Ion Ratio Lower Upper
91 100
126 32.4 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 54.423 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 105 Resp: 932269
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.4

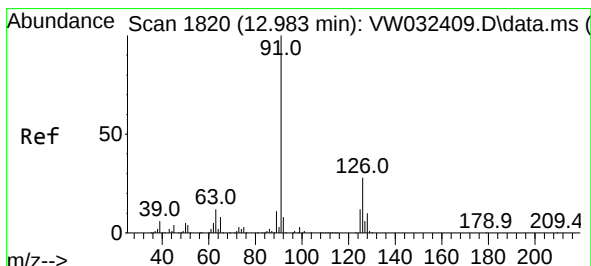
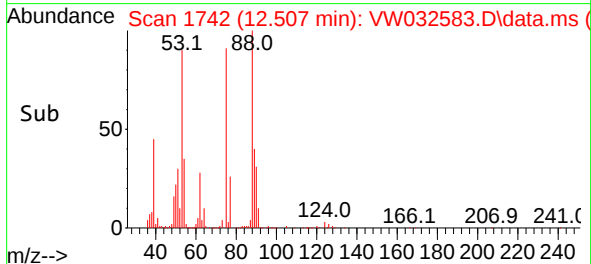
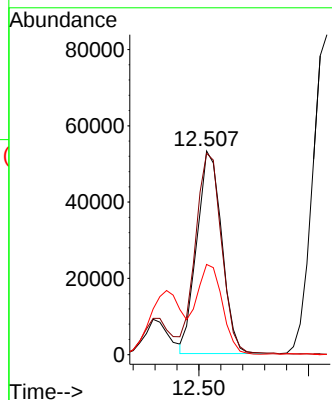
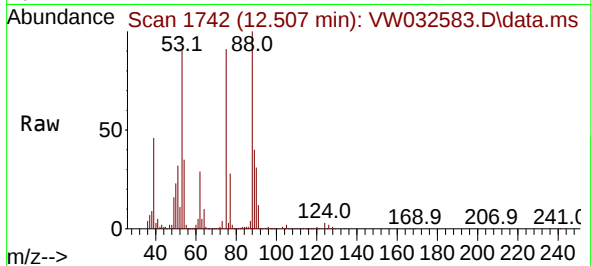




#81
trans-1,4-Dichloro-2-butene
Concen: 53.858 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

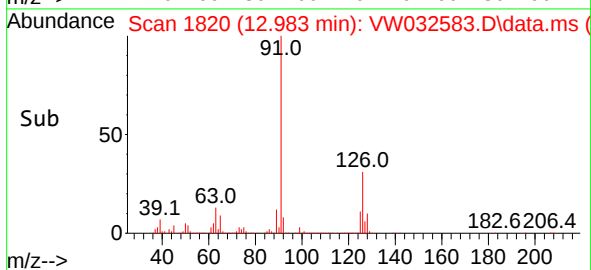
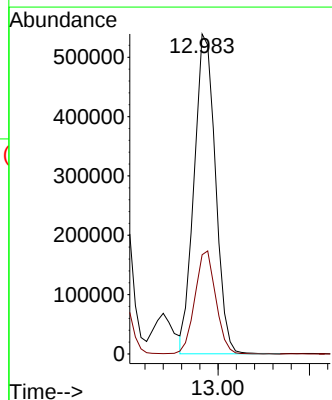
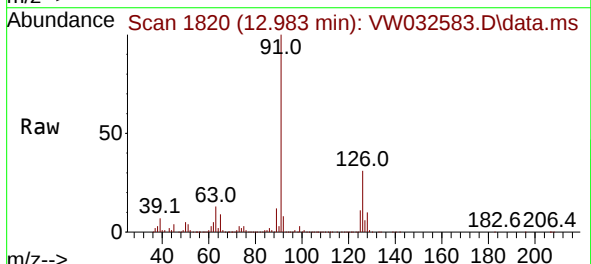
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

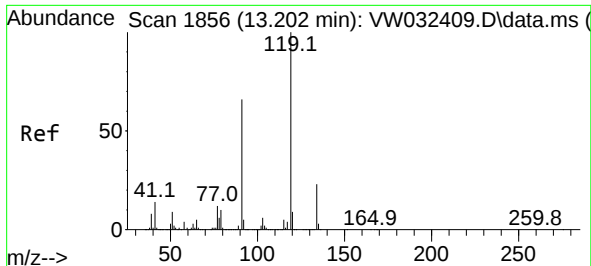
Tgt Ion: 75 Resp: 83858
Ion Ratio Lower Upper
75 100
53 104.1 80.8 121.2
89 46.0 31.4 47.2



#82
4-Chlorotoluene
Concen: 53.358 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion: 91 Resp: 871446
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.7

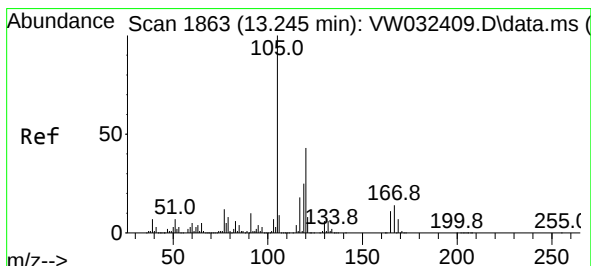
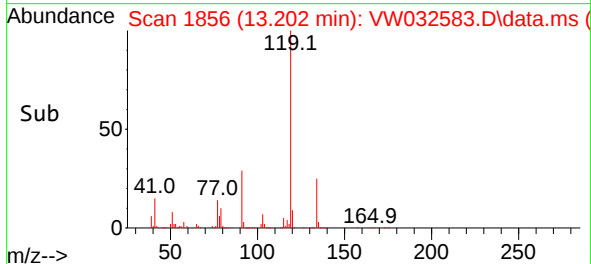
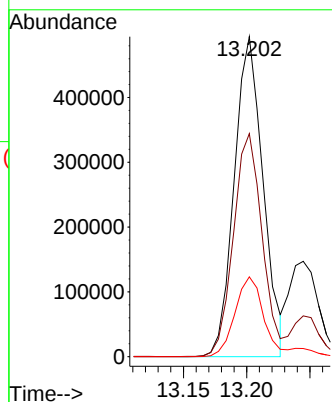
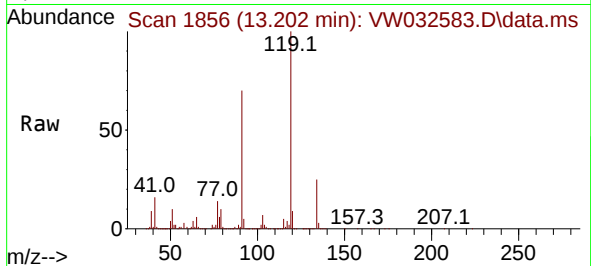




#83
tert-Butylbenzene
Concen: 55.465 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

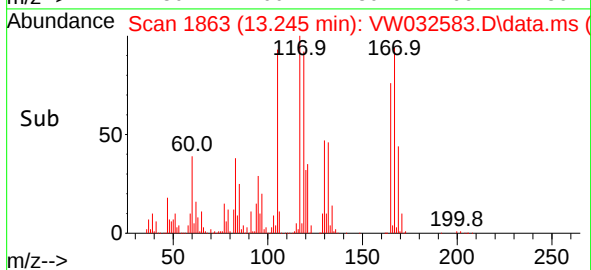
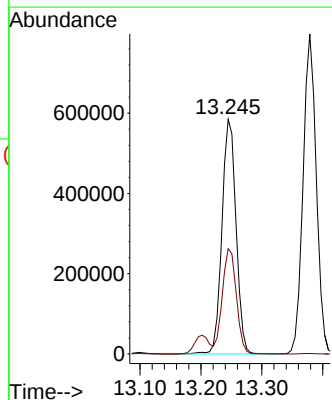
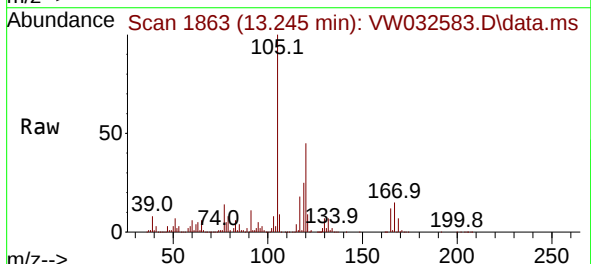
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

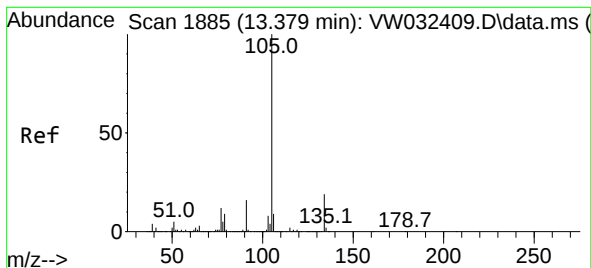
Tgt Ion:119 Resp: 783607
Ion Ratio Lower Upper
119 100
91 69.1 34.6 103.9
134 24.8 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 54.903 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion:105 Resp: 939489
Ion Ratio Lower Upper
105 100
120 44.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 55.014 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

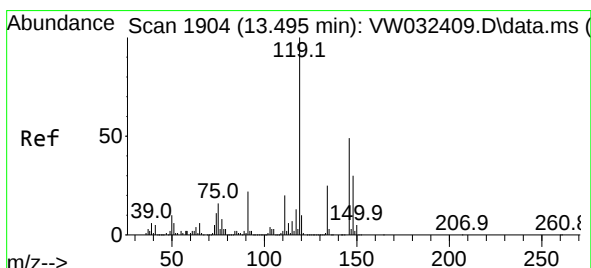
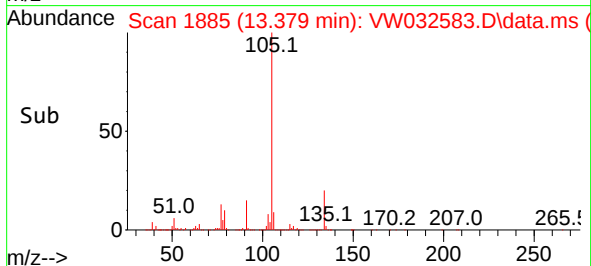
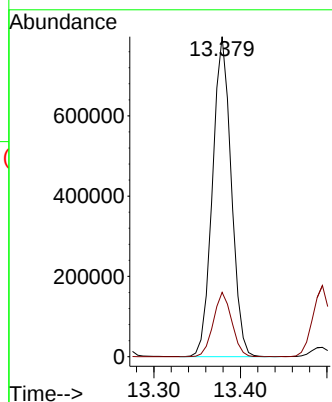
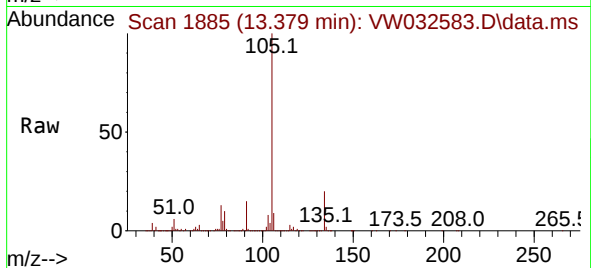
VSTDCCC050

Tgt Ion:105 Resp: 1198795

Ion Ratio Lower Upper

105 100

134 19.8 9.4 28.3



#86

p-Isopropyltoluene

Concen: 52.812 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

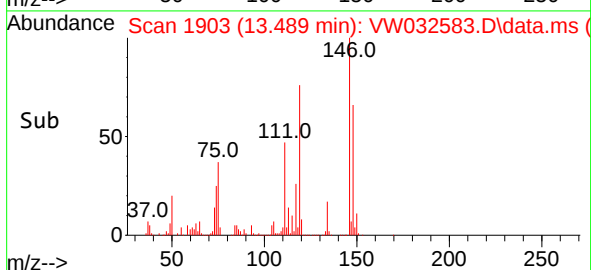
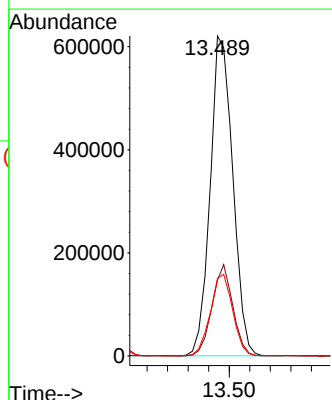
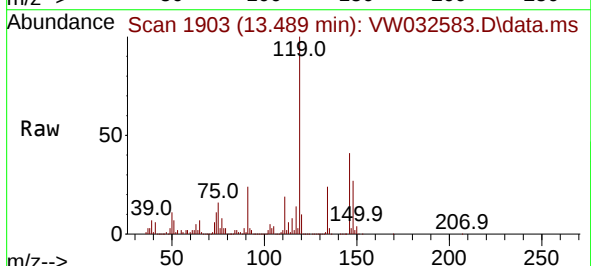
Tgt Ion:119 Resp: 947843

Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 25.2 12.3 36.9

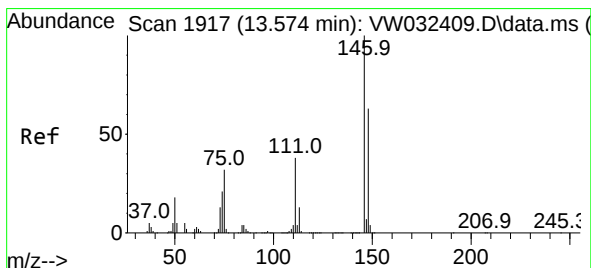
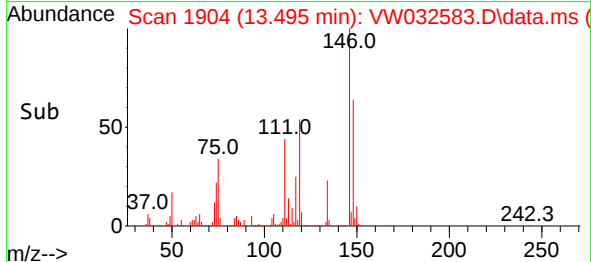
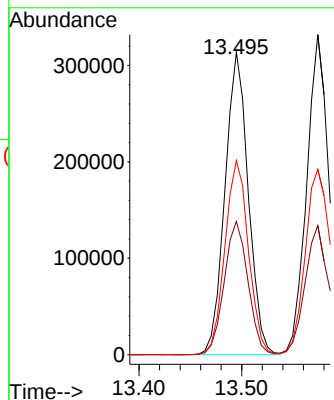
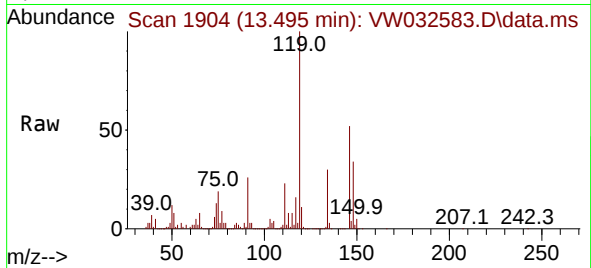




#87
1,3-Dichlorobenzene
Concen: 50.886 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

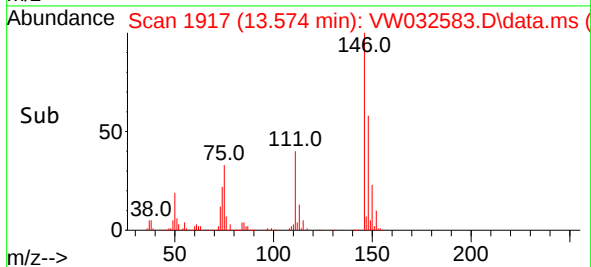
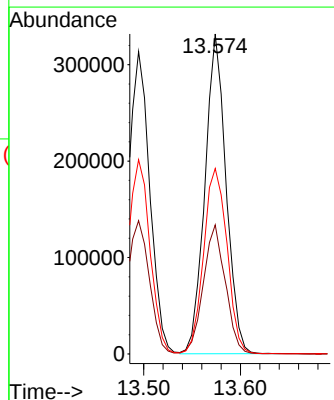
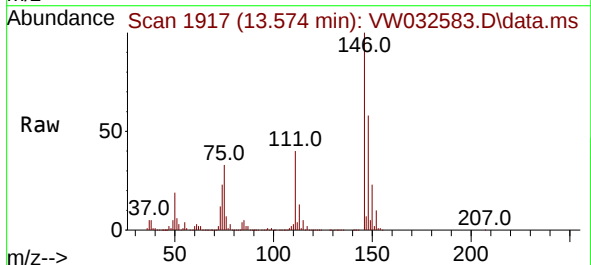
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

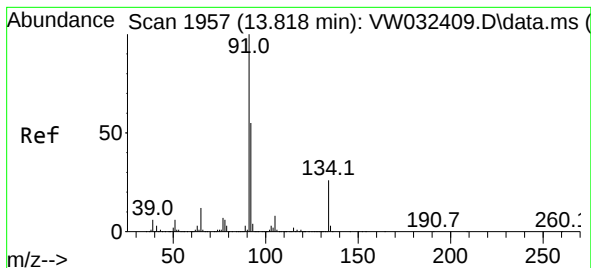
Tgt Ion:146 Resp: 493757
Ion Ratio Lower Upper
146 100
111 44.8 21.6 64.6
148 64.9 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 52.482 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032583.D
Acq: 08 Dec 2025 09:40

Tgt Ion:146 Resp: 505453
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.5
148 64.0 31.4 94.3





#89

n-Butylbenzene

Concen: 54.959 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

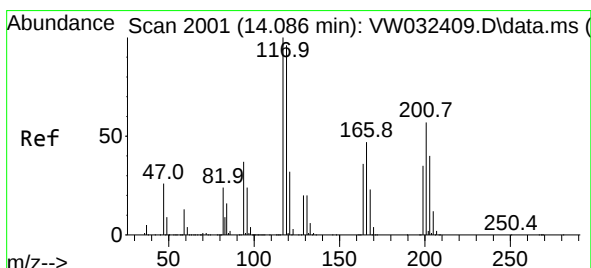
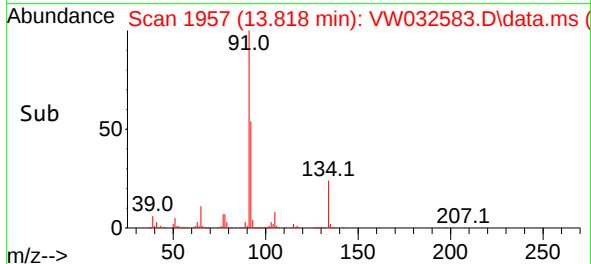
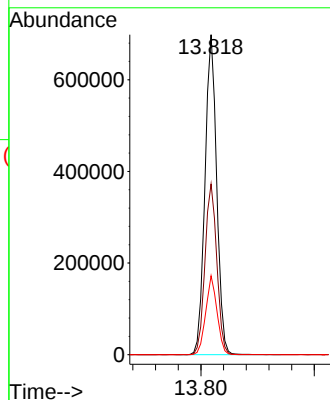
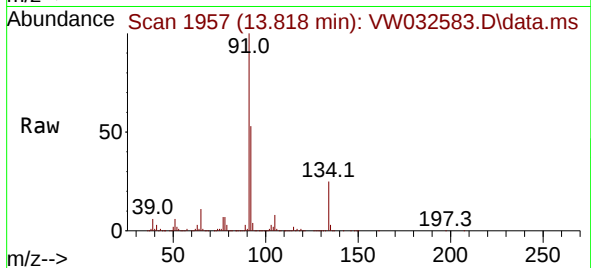
Tgt Ion: 91 Resp: 1001695

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.3

134 23.8 12.4 37.0



#90

Hexachloroethane

Concen: 54.017 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032583.D

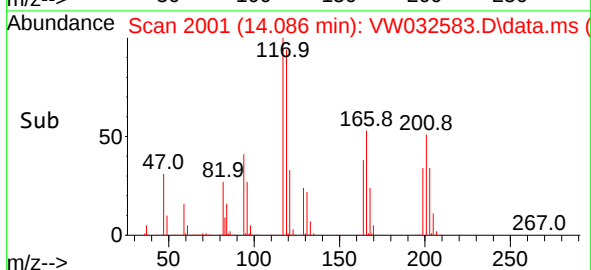
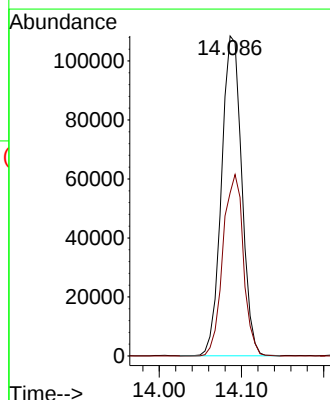
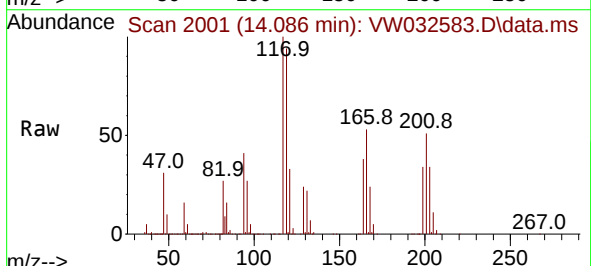
Acq: 08 Dec 2025 09:40

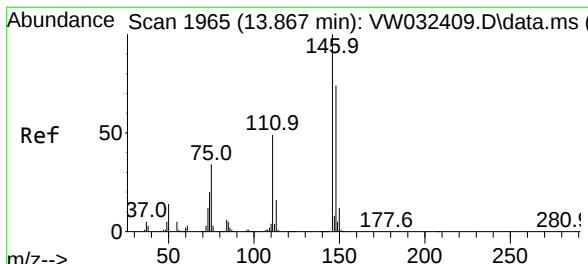
Tgt Ion: 117 Resp: 185680

Ion Ratio Lower Upper

117 100

201 57.4 29.5 88.6

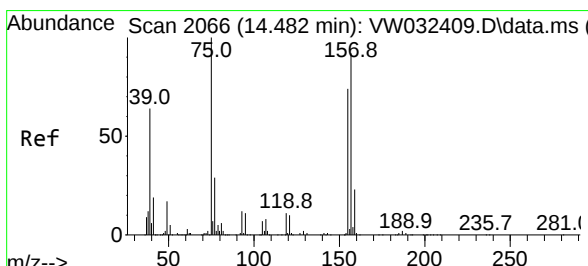
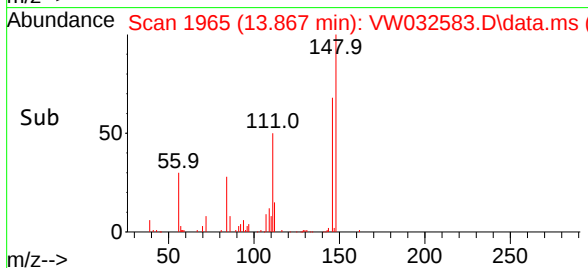
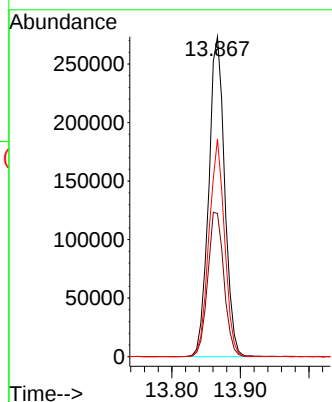
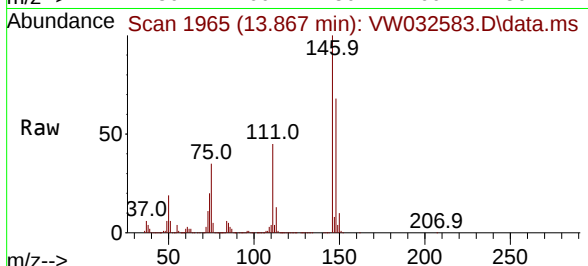




#91
 1,2-Dichlorobenzene
 Concen: 51.891 ug/l
 RT: 13.867 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW032583.D
 Acq: 08 Dec 2025 09:40

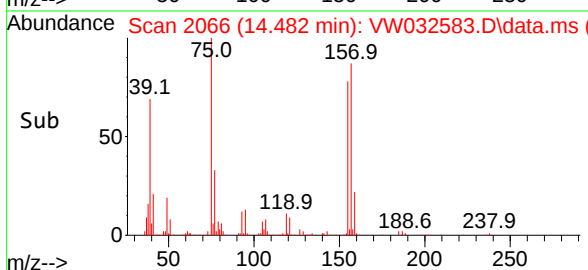
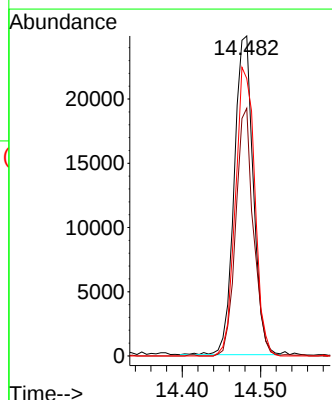
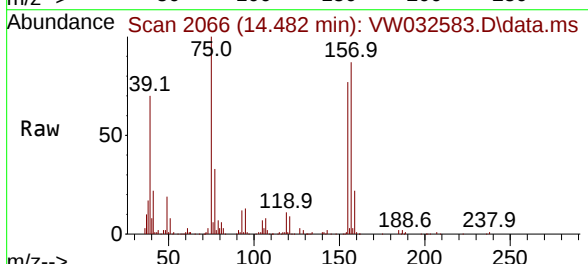
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

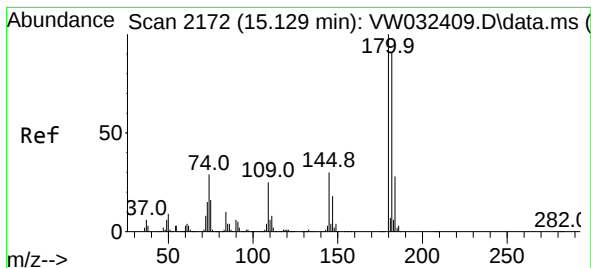
Tgt Ion:	146	Resp:	441654
Ion Ratio	Lower	Upper	
146	100		
111	46.1	22.8	68.3
148	66.4	32.6	97.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.413 ug/l
 RT: 14.482 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VW032583.D
 Acq: 08 Dec 2025 09:40

Tgt Ion:	75	Resp:	41893
Ion Ratio	Lower	Upper	
75	100		
155	72.4	34.6	103.9
157	92.1	44.4	133.2





#93

1,2,4-Trichlorobenzene

Concen: 51.572 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

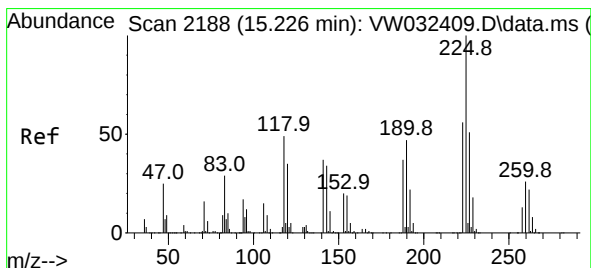
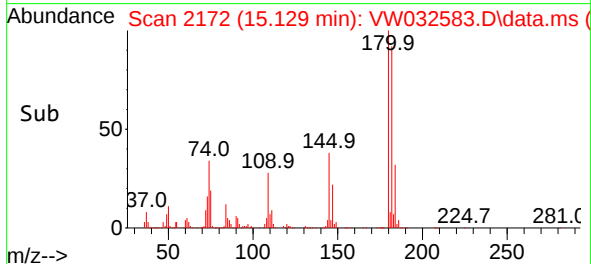
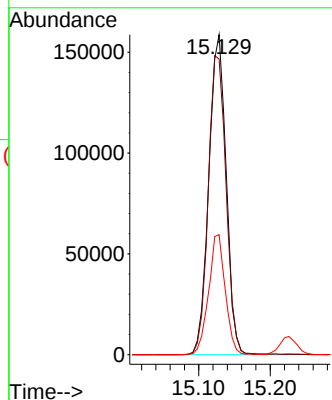
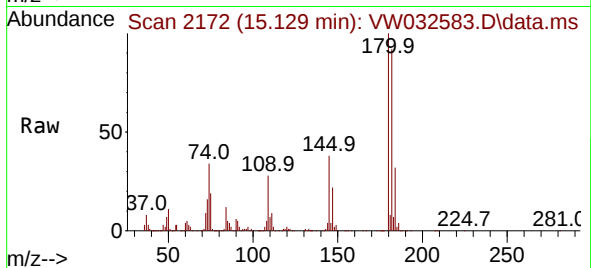
Tgt Ion:180 Resp: 267333

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.3

145 36.2 17.1 51.3



#94

Hexachlorobutadiene

Concen: 48.192 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

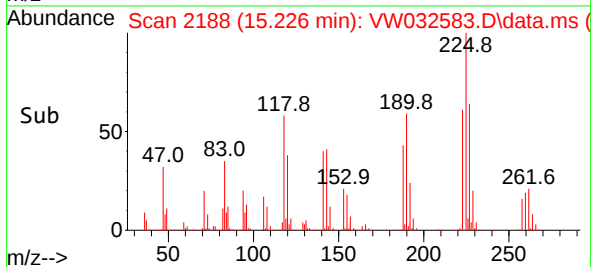
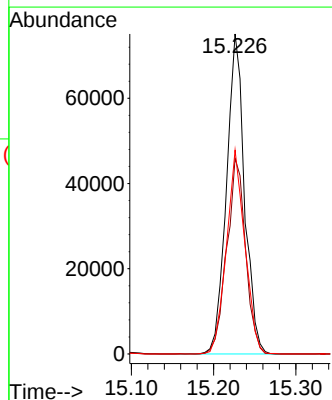
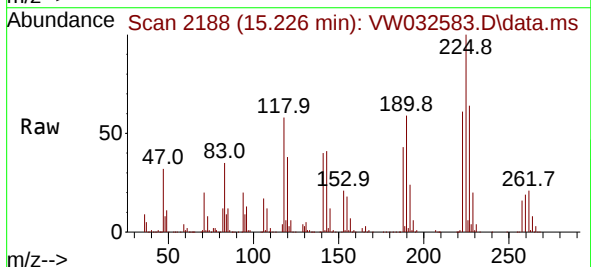
Tgt Ion:225 Resp: 114991

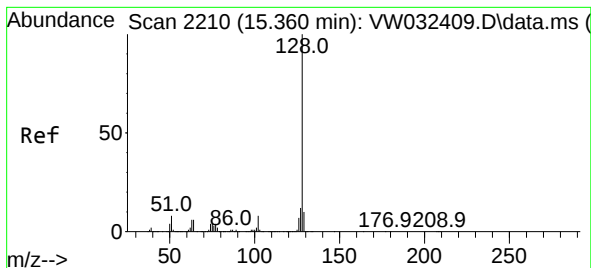
Ion Ratio Lower Upper

225 100

223 63.4 30.3 91.0

227 65.0 30.7 92.1





#95

Naphthalene

Concen: 55.720 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

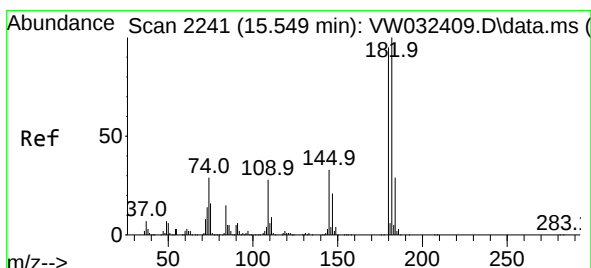
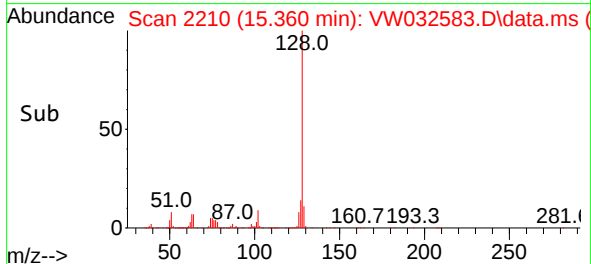
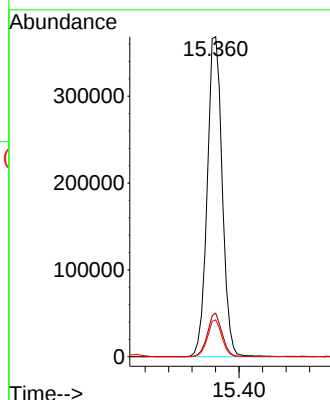
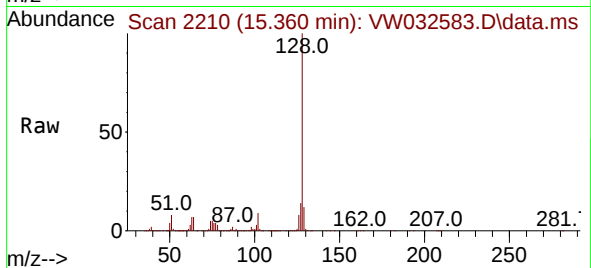
Tgt Ion:128 Resp: 653120

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.269 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032583.D

Acq: 08 Dec 2025 09:40

Tgt Ion:180 Resp: 255566

Ion Ratio Lower Upper

180 100

182 97.3 48.0 144.2

145 34.2 17.8 53.4

