

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120525\
 Data File : VW032581.D
 Acq On : 05 Dec 2025 15:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 05 23:02:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	375202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	651153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	586827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	274241	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	242908	43.503	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	87.000%
35) Dibromofluoromethane	7.904	113	200918	46.888	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.780%
50) Toluene-d8	10.331	98	762215	47.272	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.617	95	279247	46.876	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	93.760%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	125585	54.074	ug/l	90
3) Chloromethane	2.259	50	211987	49.653	ug/l	99
4) Vinyl Chloride	2.405	62	289425	55.876	ug/l	96
5) Bromomethane	2.826	94	187849	54.608	ug/l	99
6) Chloroethane	2.972	64	187291	55.981	ug/l	99
7) Trichlorofluoromethane	3.308	101	248420	61.876	ug/l	97
8) Diethyl Ether	3.722	74	165193	55.659	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.112	101	246469	58.067	ug/l	98
10) Methyl Iodide	4.314	142	362551	56.634	ug/l	97
11) Tert butyl alcohol	5.216	59	107349	249.952	ug/l #	84
12) 1,1-Dichloroethene	4.082	96	275091	57.482	ug/l	95
13) Acrolein	3.936	56	166206	218.344	ug/l	96
14) Allyl chloride	4.710	41	502099	57.314	ug/l	98
15) Acrylonitrile	5.405	53	461431	296.049	ug/l	100
16) Acetone	4.161	43	454512	260.494	ug/l	99
17) Carbon Disulfide	4.423	76	804114	56.716	ug/l	98
18) Methyl Acetate	4.710	43	212877	59.237	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	539205	60.447	ug/l	97
20) Methylene Chloride	4.960	84	323880	51.906	ug/l	97
21) trans-1,2-Dichloroethene	5.466	96	297496	56.893	ug/l	95
22) Diisopropyl ether	6.344	45	1030065	58.916	ug/l	98
23) Vinyl Acetate	6.289	43	3522581	304.063	ug/l	100
24) 1,1-Dichloroethane	6.246	63	571417	56.293	ug/l	100
25) 2-Butanone	7.191	43	625935	279.533	ug/l	100
26) 2,2-Dichloropropane	7.191	77	324173	55.090	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	347817	57.135	ug/l	98
28) Bromochloromethane	7.532	49	235945	51.744	ug/l	100
29) Tetrahydrofuran	7.551	42	409208	306.063	ug/l	99
30) Chloroform	7.697	83	560975	55.685	ug/l	96
31) Cyclohexane	7.971	56	520230	58.121	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	419262	57.343	ug/l	100
36) 1,1-Dichloropropene	8.099	75	410309	62.777	ug/l	99
37) Ethyl Acetate	7.276	43	281678	62.275	ug/l	98
38) Carbon Tetrachloride	8.087	117	371013	61.100	ug/l	93
39) Methylcyclohexane	9.343	83	537451	67.342	ug/l	97
40) Benzene	8.337	78	1246552	59.849	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	166472	68.020	ug/l	97
42) 1,2-Dichloroethane	8.410	62	382007	59.819	ug/l	100
43) Isopropyl Acetate	8.435	43	495293	63.706	ug/l	99
44) Trichloroethene	9.105	130	288600	61.996	ug/l	91
45) 1,2-Dichloropropane	9.374	63	312090	60.326	ug/l	95
46) Dibromomethane	9.465	93	180517	60.341	ug/l	97
47) Bromodichloromethane	9.654	83	424426	60.529	ug/l	99
48) Methyl methacrylate	9.441	41	248544	70.326	ug/l	98
49) 1,4-Dioxane	9.465	88	47646	1332.858	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	1388939	322.863	ug/l	99
52) Toluene	10.392	92	771935	61.508	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	430580	64.009	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	491456	62.256	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	244452	61.007	ug/l	92
56) Ethyl methacrylate	10.648	69	366916	66.215	ug/l	98
57) 1,3-Dichloropropane	10.934	76	438720	61.350	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	533565	183.768	ug/l	99
59) 2-Hexanone	10.971	43	985877	321.790	ug/l	99
60) Dibromochloromethane	11.129	129	265585	59.138	ug/l	97
61) 1,2-Dibromoethane	11.239	107	236189	61.981	ug/l	94
64) Tetrachloroethene	10.867	164	244005	62.342	ug/l	96
65) Chlorobenzene	11.660	112	838244	60.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	256590	59.830	ug/l	98
67) Ethyl Benzene	11.727	91	1476558	62.737	ug/l	99
68) m/p-Xylenes	11.837	106	1149185	128.429	ug/l	98
69) o-Xylene	12.166	106	509141	62.131	ug/l	89
70) Styrene	12.178	104	934726	65.028	ug/l	99
71) Bromoform	12.349	173	150048	63.624	ug/l #	99
73) Isopropylbenzene	12.458	105	1355597	66.635	ug/l	99
74) N-amyl acetate	12.269	43	453748	67.381	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	306572	64.017	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	394590	106.332	ug/l #	1
77) Bromobenzene	12.745	156	300221	62.430	ug/l	98
78) n-propylbenzene	12.800	91	1697528	65.406	ug/l	98
79) 2-Chlorotoluene	12.891	91	988386	63.873	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	1123083	64.700	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	105007	66.554	ug/l	97
82) 4-Chlorotoluene	12.989	91	1042046	62.965	ug/l	98
83) tert-Butylbenzene	13.202	119	951968	66.496	ug/l	99
84) 1,2,4-Trimethylbenzene	13.251	105	1104215	63.682	ug/l	100
85) sec-Butylbenzene	13.379	105	1461911	66.206	ug/l	100
86) p-Isopropyltoluene	13.495	119	1190831	65.478	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	604708	61.501	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	594934	60.960	ug/l	98
89) n-Butylbenzene	13.818	91	1189838	64.423	ug/l	99
90) Hexachloroethane	14.092	117	214726	61.646	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	551911	63.992	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	51488	62.357	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	335535	63.877	ug/l	97
94) Hexachlorobutadiene	15.232	225	149758	61.938	ug/l	96
95) Naphthalene	15.360	128	829554	69.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	307115	64.358	ug/l	97

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ClientSampleId :
VSTDCCC050EC

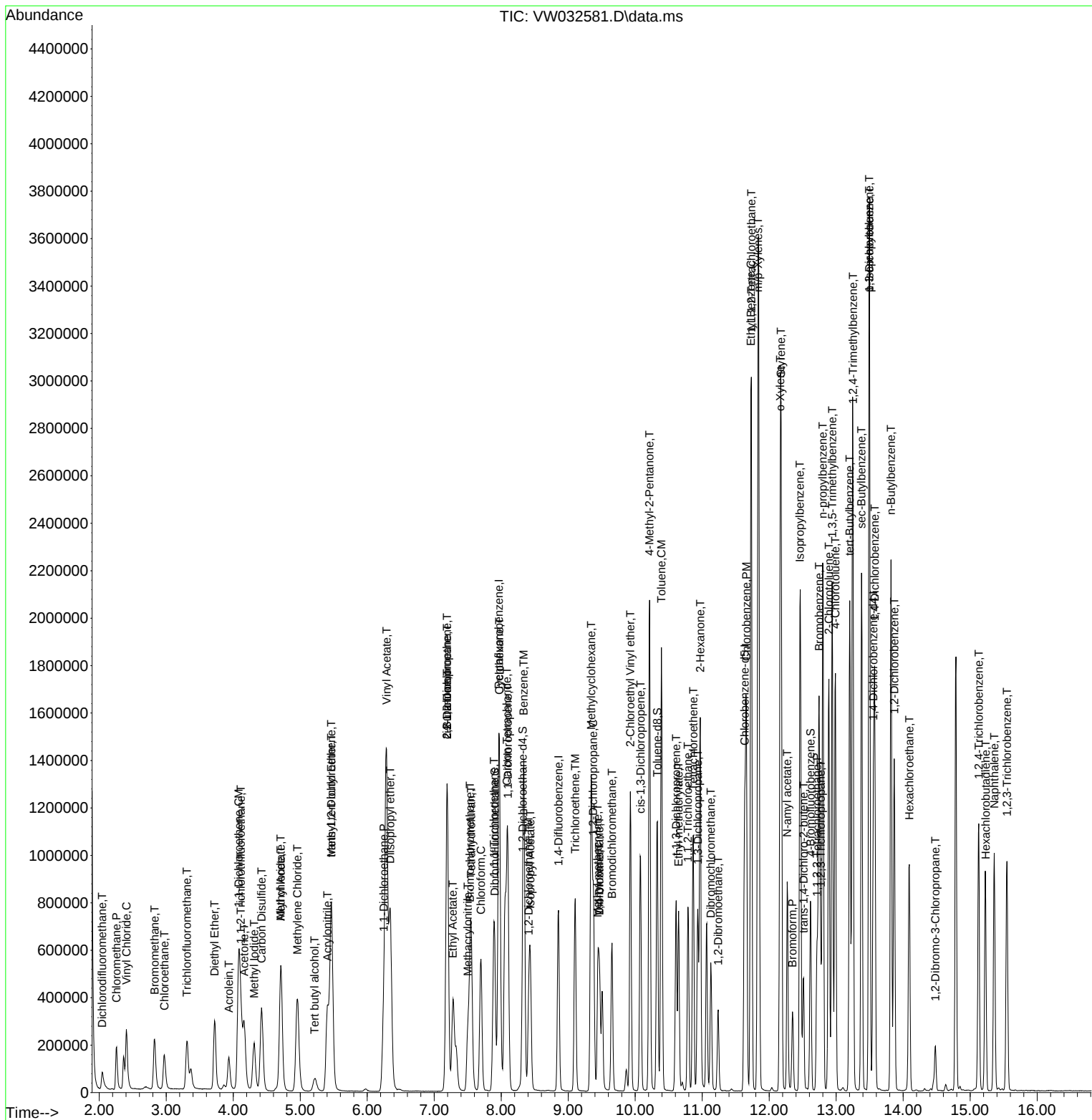
Quant Time: Dec 05 23:02:56 2025
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QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

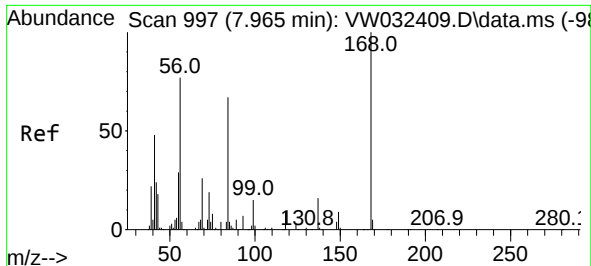
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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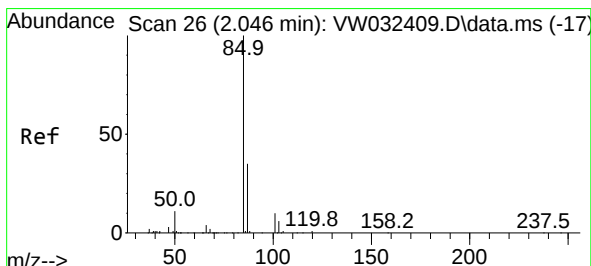
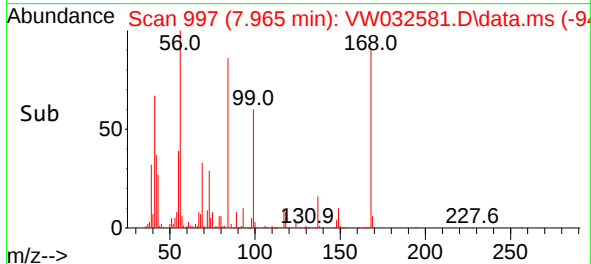
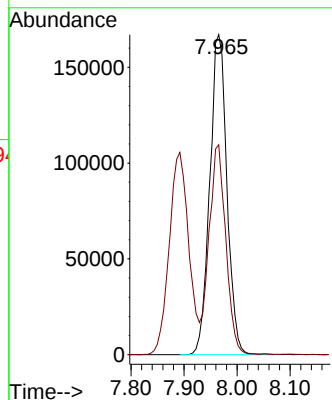
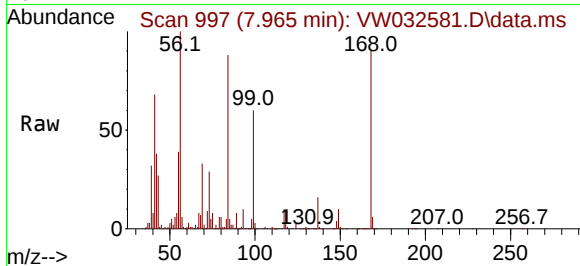




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
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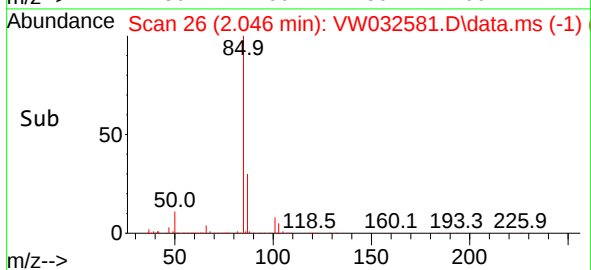
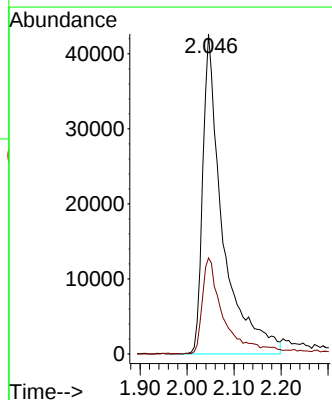
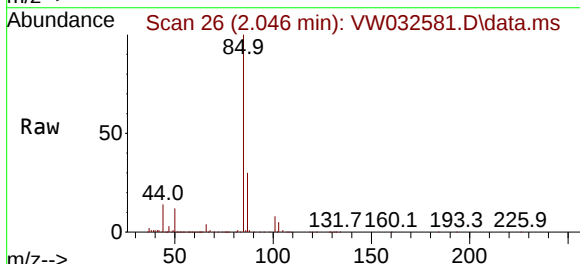
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 375202
Ion Ratio Lower Upper
168 100
99 65.5 51.8 77.8



#2
Dichlorodifluoromethane
Concen: 54.074 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 85 Resp: 125585
Ion Ratio Lower Upper
85 100
87 29.9 17.9 53.8

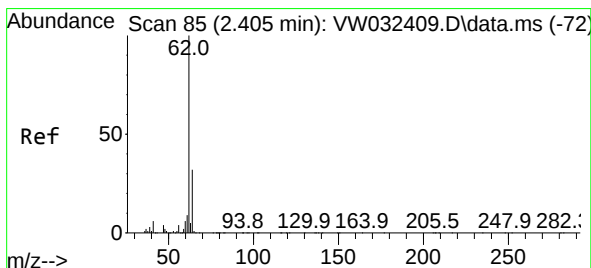
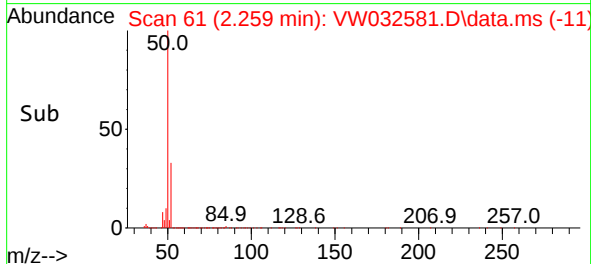
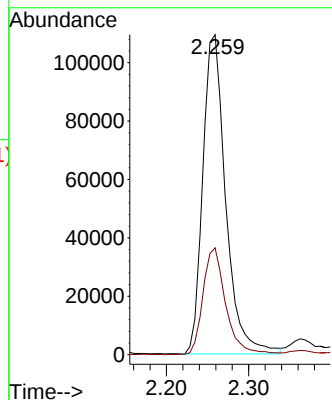
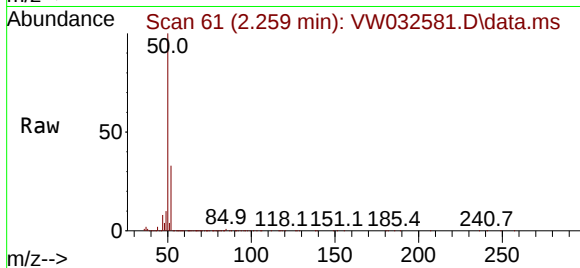




#3
Chloromethane
Concen: 49.653 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

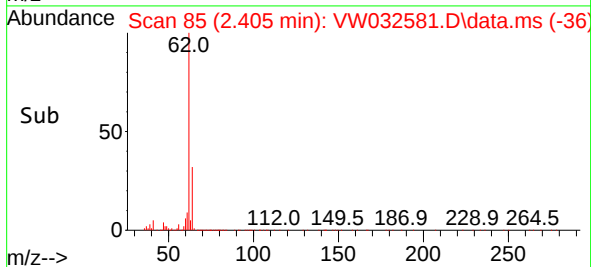
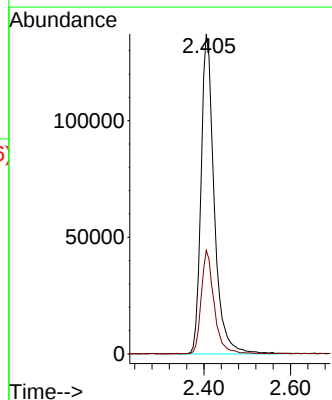
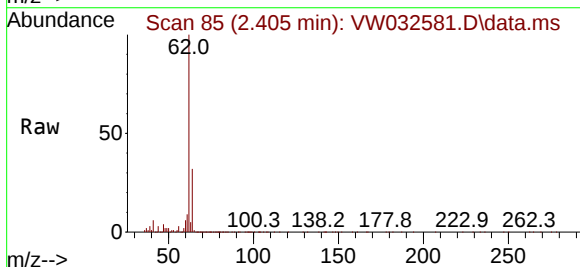
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 211987
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4



#4
Vinyl Chloride
Concen: 55.876 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 62 Resp: 289425
Ion Ratio Lower Upper
62 100
64 32.2 24.2 36.4

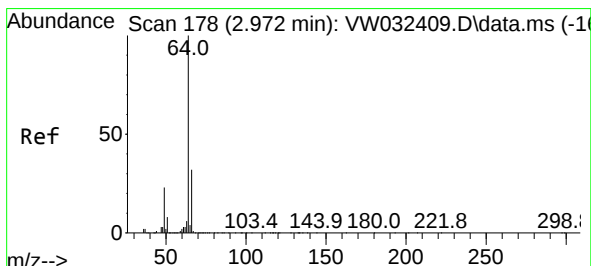
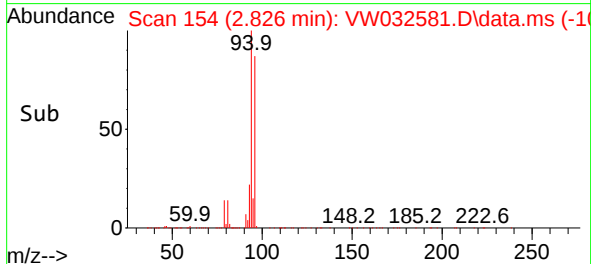
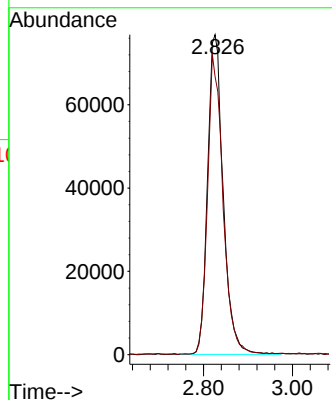
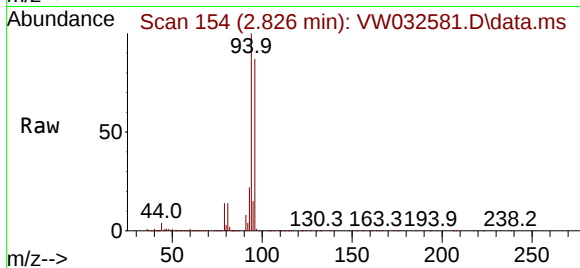




#5
Bromomethane
Concen: 54.608 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

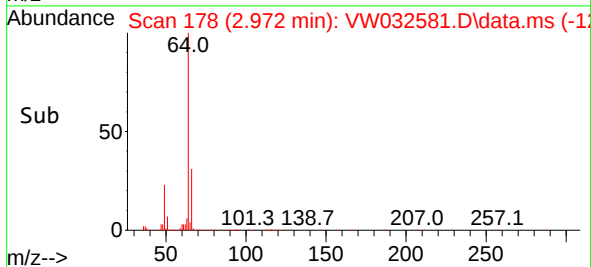
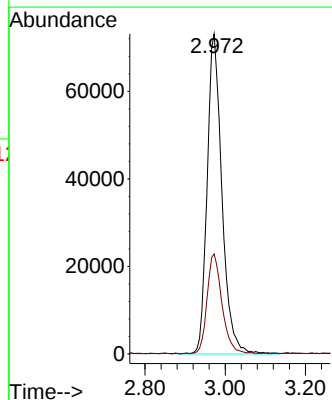
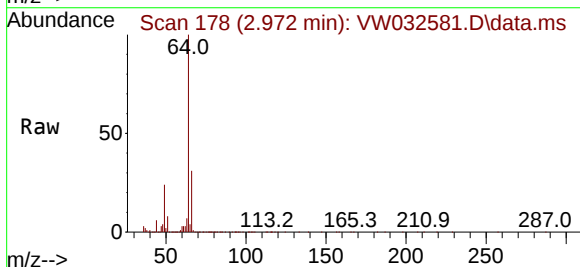
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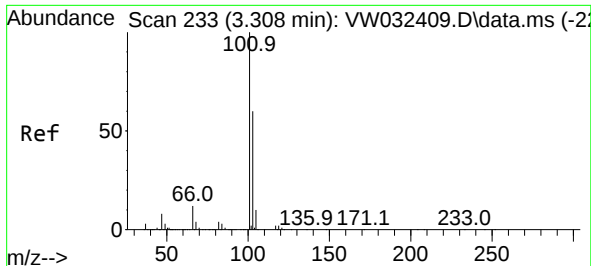
Tgt Ion: 94 Resp: 187849
Ion Ratio Lower Upper
94 100
96 86.8 69.9 104.9



#6
Chloroethane
Concen: 55.981 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 64 Resp: 187291
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2

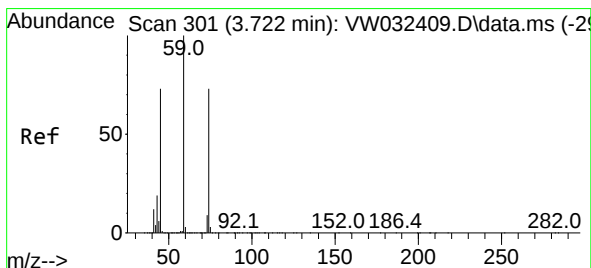
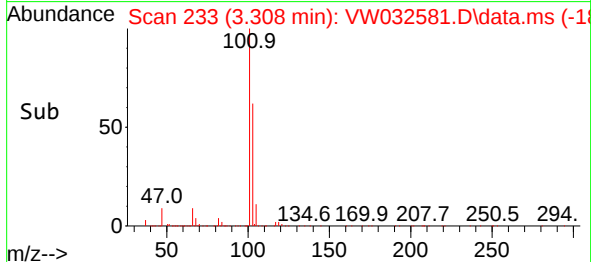
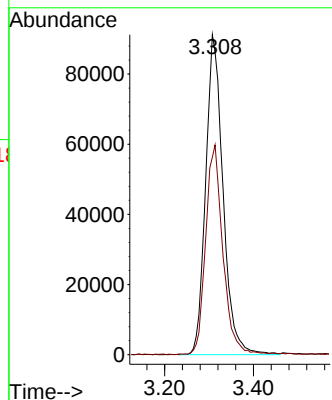
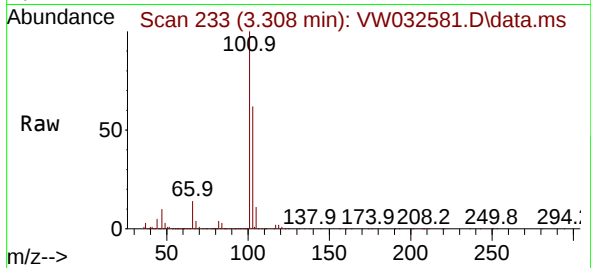




#7
 Trichlorofluoromethane
 Concen: 61.876 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

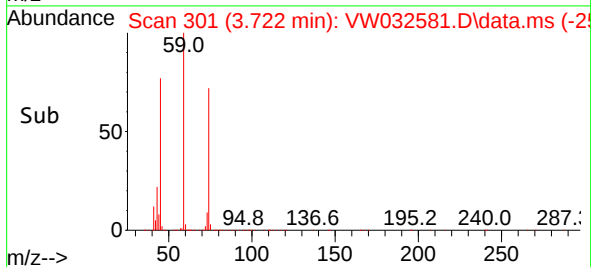
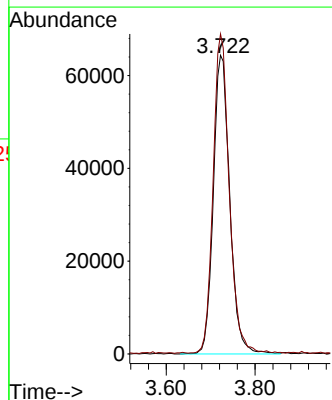
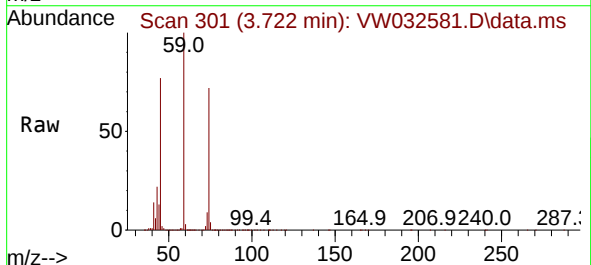
Instrument :
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 VSTDCCC050EC

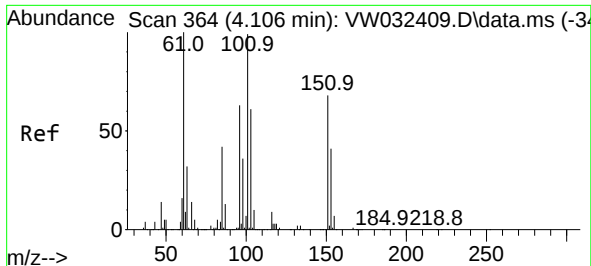
Tgt Ion:101 Resp: 248420
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.1 76.7



#8
 Diethyl Ether
 Concen: 55.659 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

Tgt Ion: 74 Resp: 165193
 Ion Ratio Lower Upper
 74 100
 45 105.1 53.4 160.3

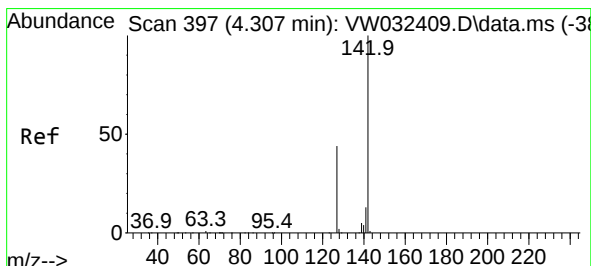
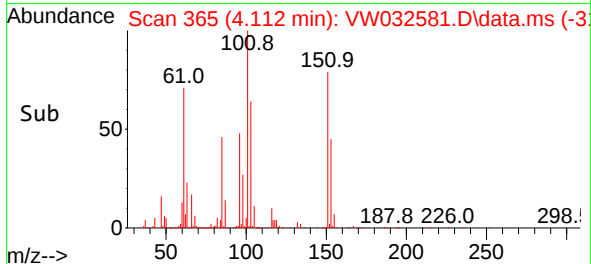
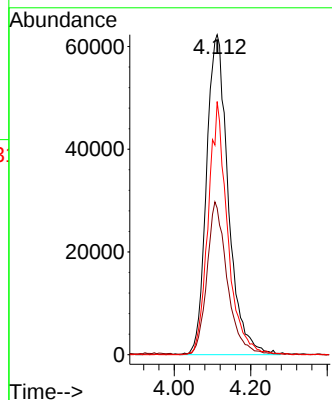
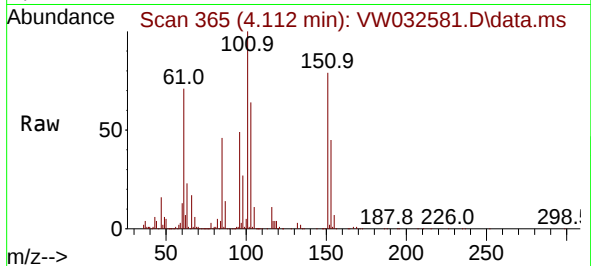




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.067 ug/l
RT: 4.112 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW032581.D
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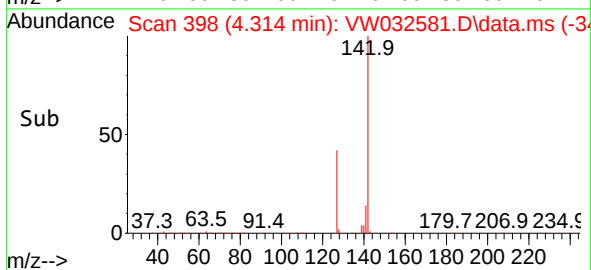
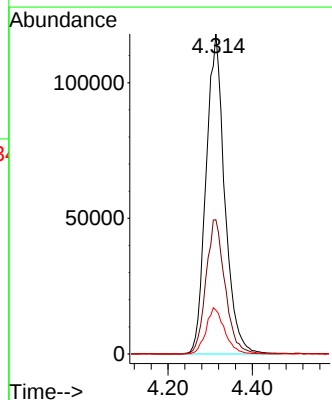
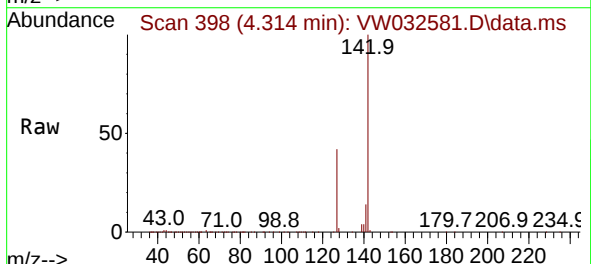
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

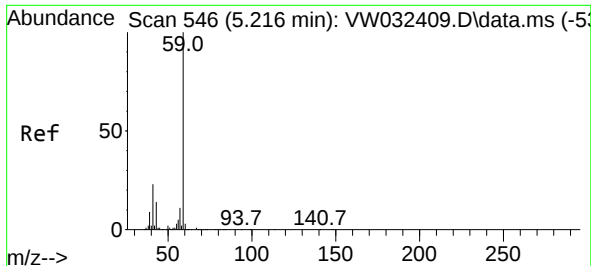
Tgt Ion:101 Resp: 246469
Ion Ratio Lower Upper
101 100
85 44.4 35.0 52.4
151 70.7 54.6 82.0



#10
Methyl Iodide
Concen: 56.634 ug/l
RT: 4.314 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion:142 Resp: 362551
Ion Ratio Lower Upper
142 100
127 43.0 36.2 54.2
141 14.4 11.9 17.9

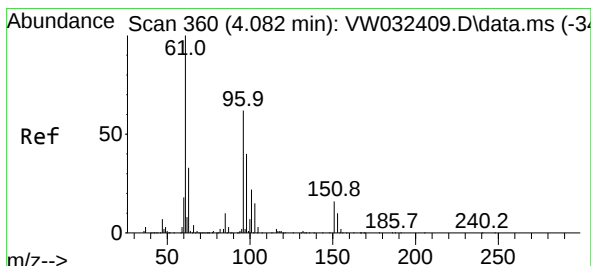
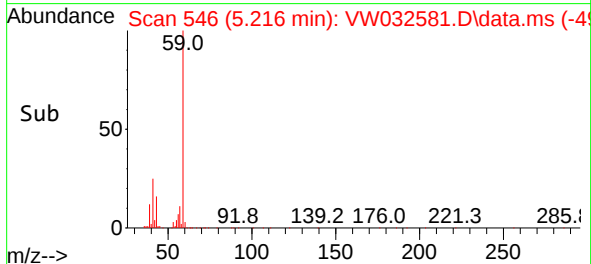
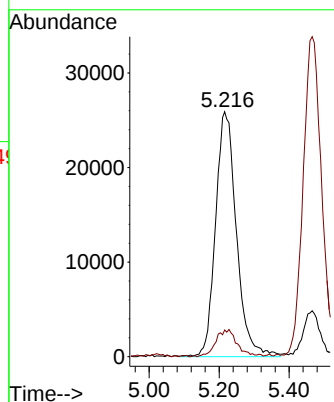
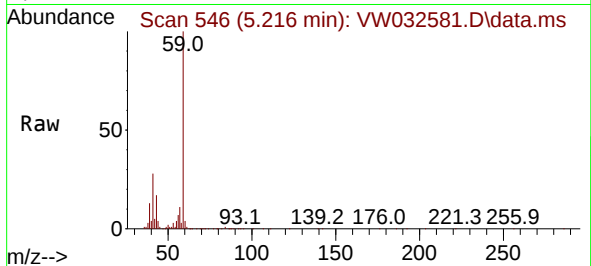




#11
Tert butyl alcohol
Concen: 249.952 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

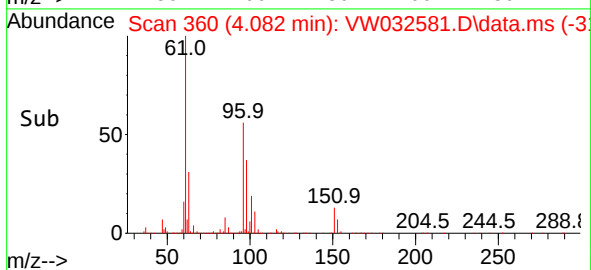
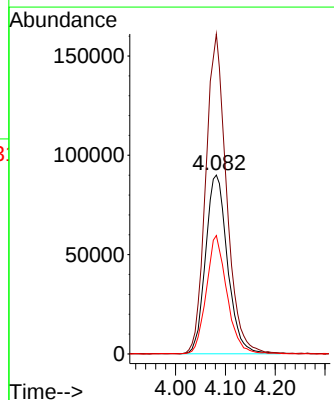
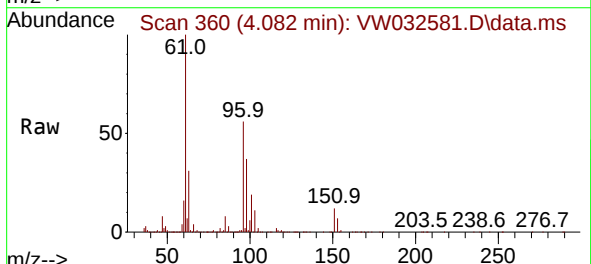
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

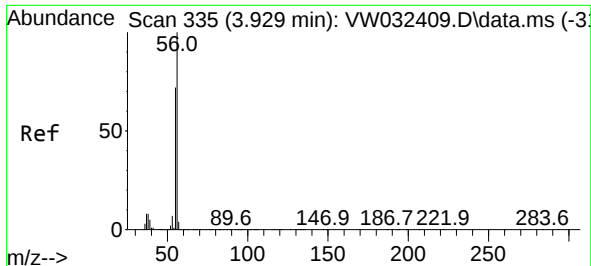
Tgt Ion: 59 Resp: 107349
Ion Ratio Lower Upper
59 100
57 11.1 4.6 6.8#



#12
1,1-Dichloroethene
Concen: 57.482 ug/l
RT: 4.082 min Scan# 360
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 96 Resp: 275091
Ion Ratio Lower Upper
96 100
61 178.9 136.6 205.0
98 66.1 51.4 77.2

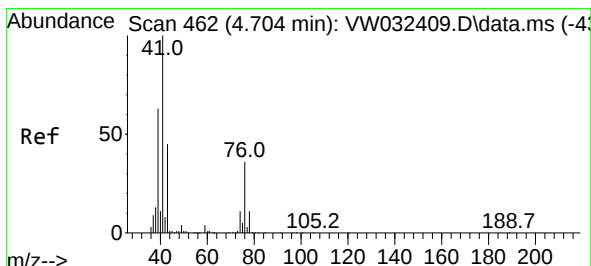
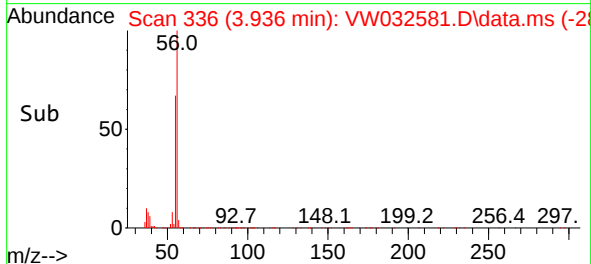
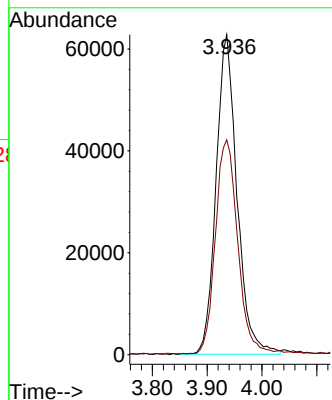
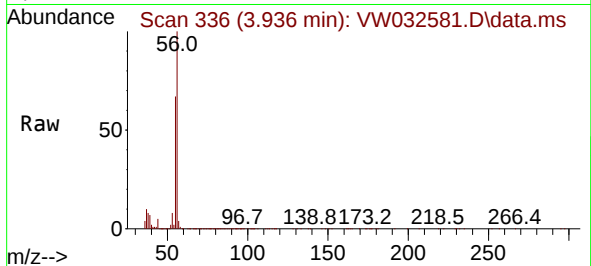




#13
Acrolein
Concen: 218.344 ug/l
RT: 3.936 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

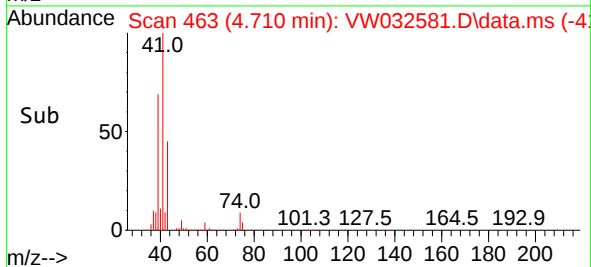
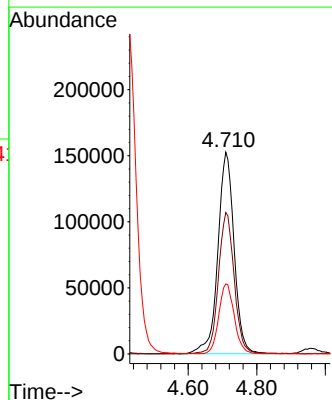
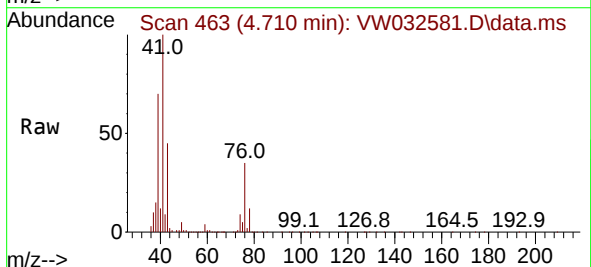
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

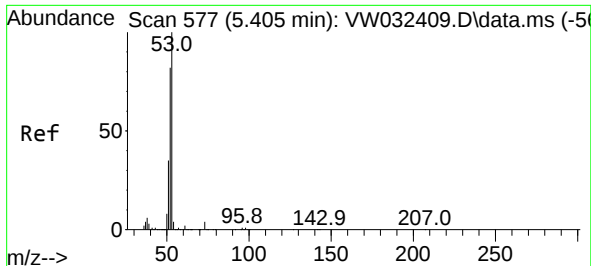
Tgt Ion: 56 Resp: 166206
Ion Ratio Lower Upper
56 100
55 72.0 55.2 82.8



#14
Allyl chloride
Concen: 57.314 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 41 Resp: 502099
Ion Ratio Lower Upper
41 100
39 68.2 52.9 79.3
76 32.7 25.8 38.6

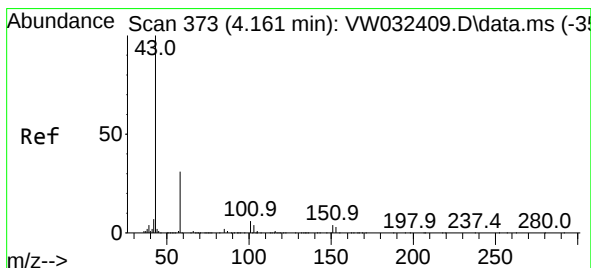
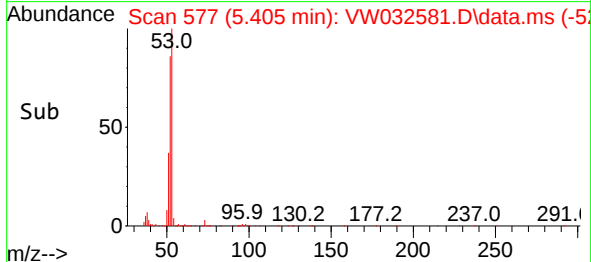
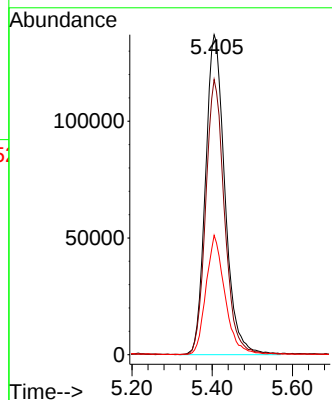
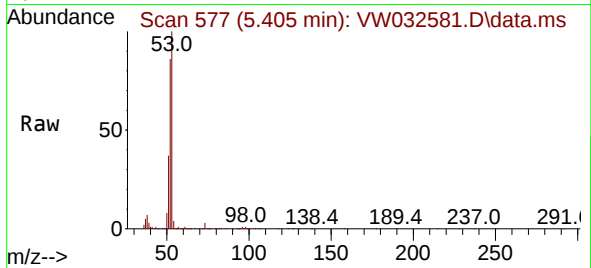




#15
Acrylonitrile
Concen: 296.049 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

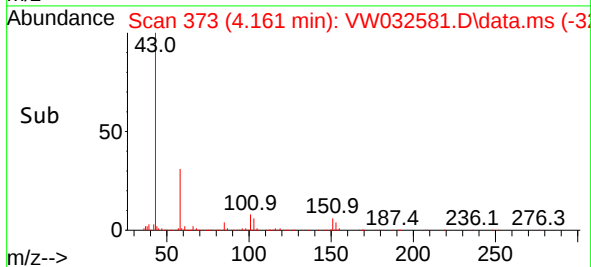
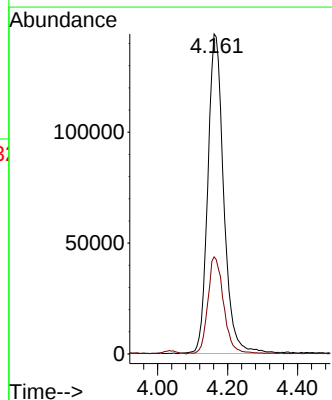
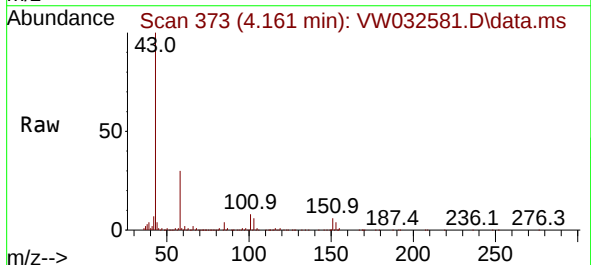
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

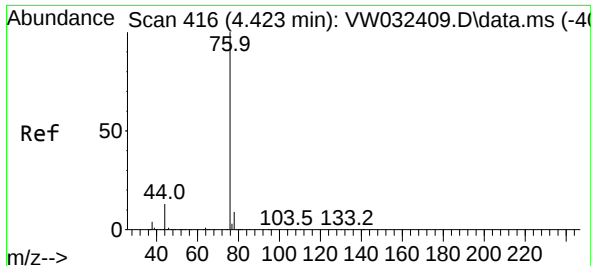
Tgt Ion: 53 Resp: 461431
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 36.4 29.3 43.9



#16
Acetone
Concen: 260.494 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 43 Resp: 454512
Ion Ratio Lower Upper
43 100
58 30.2 23.5 35.3

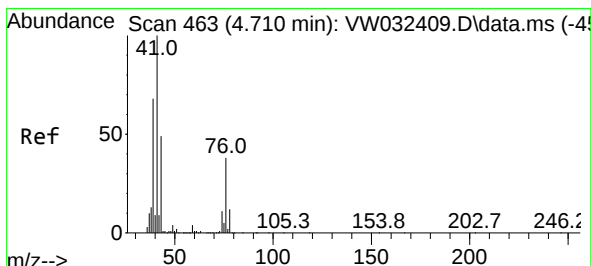
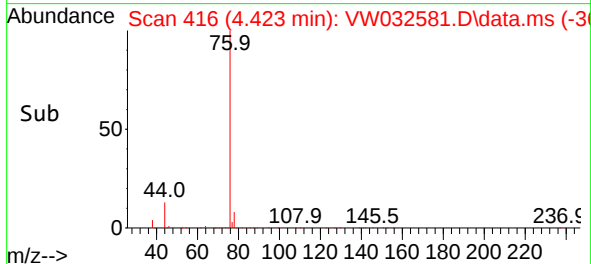
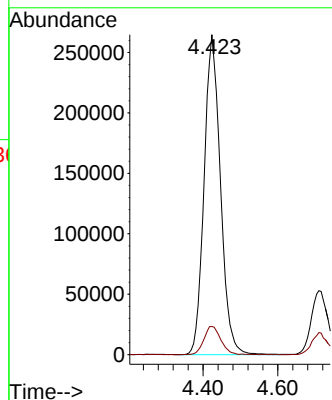
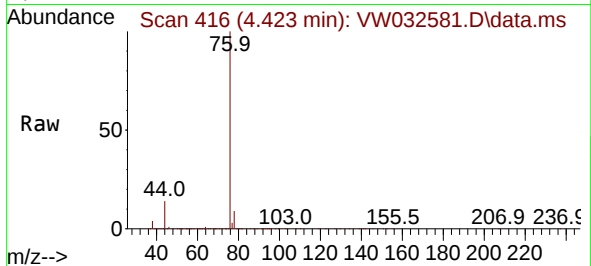




#17
Carbon Disulfide
Concen: 56.716 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

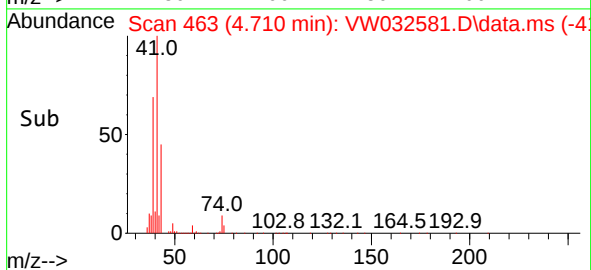
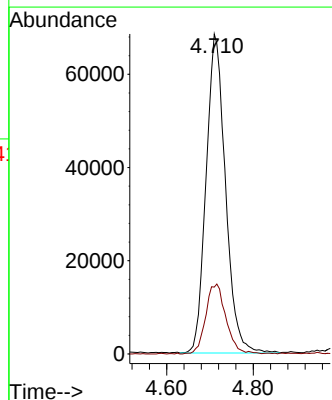
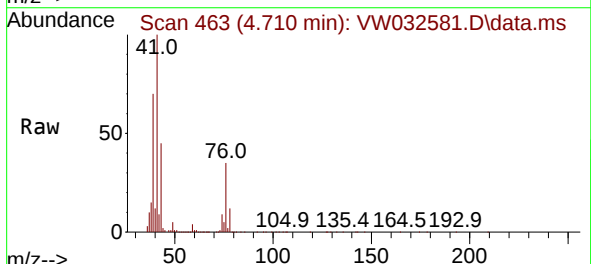
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

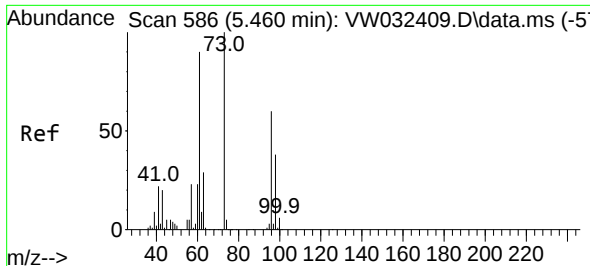
Tgt Ion: 76 Resp: 804114
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8



#18
Methyl Acetate
Concen: 59.237 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 43 Resp: 212877
Ion Ratio Lower Upper
43 100
74 22.9 17.9 26.9





#19

Methyl tert-butyl Ether

Concen: 60.447 ug/l

RT: 5.466 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

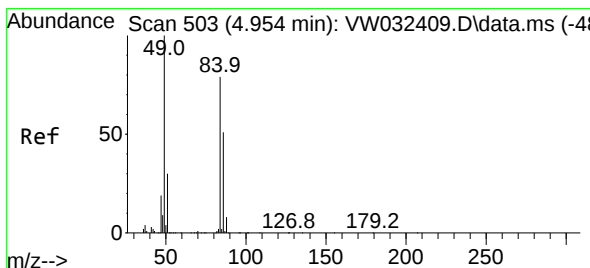
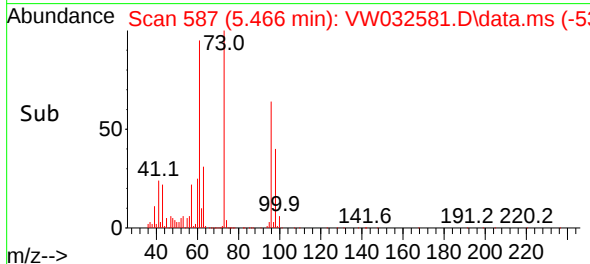
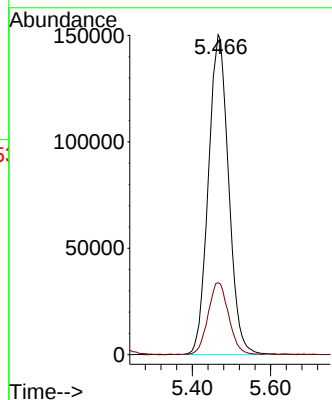
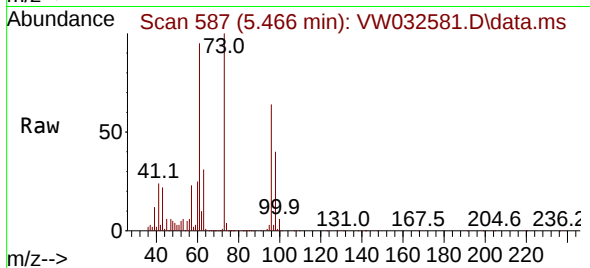
VSTDCCC050EC

Tgt Ion: 73 Resp: 539205

Ion Ratio Lower Upper

73 100

57 22.4 19.0 28.4



#20

Methylene Chloride

Concen: 51.906 ug/l

RT: 4.960 min Scan# 504

Delta R.T. 0.006 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Tgt Ion: 84 Resp: 323880

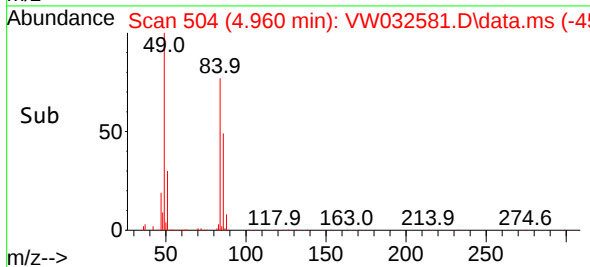
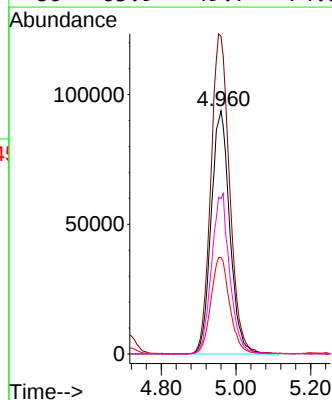
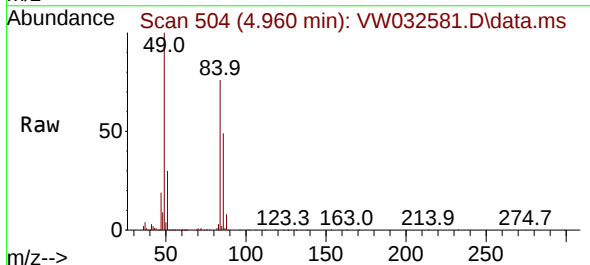
Ion Ratio Lower Upper

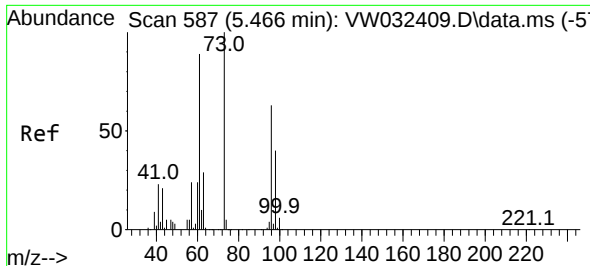
84 100

49 130.5 107.6 161.4

51 39.6 33.9 50.9

86 63.9 49.7 74.5

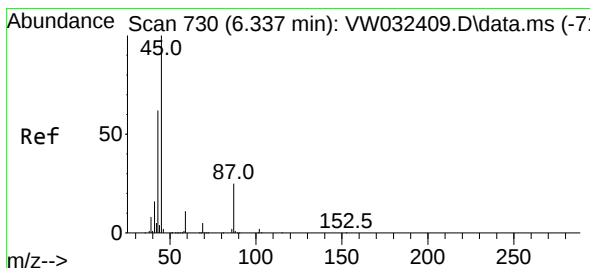
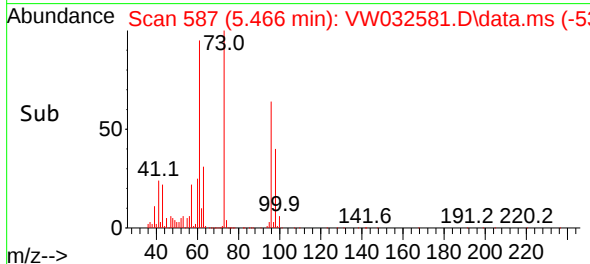
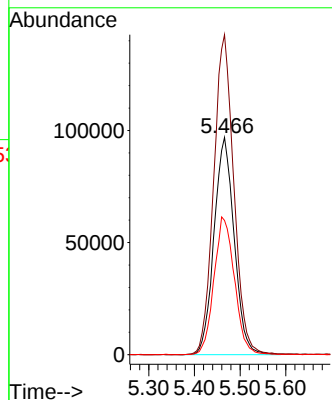
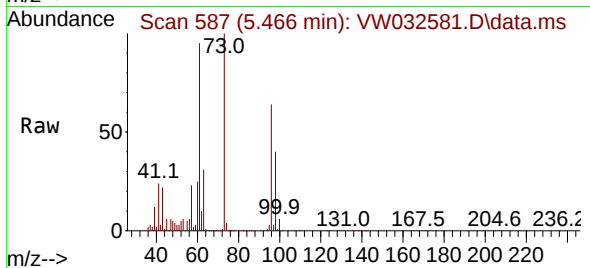




#21
trans-1,2-Dichloroethene
Concen: 56.893 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

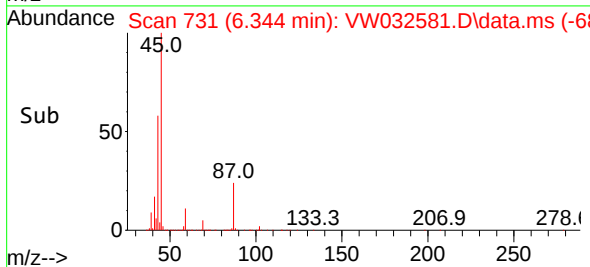
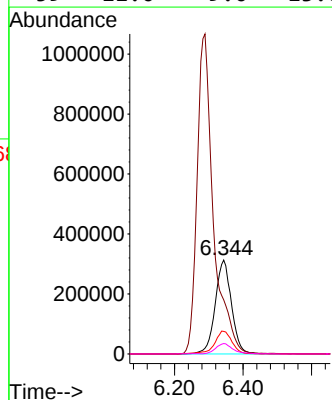
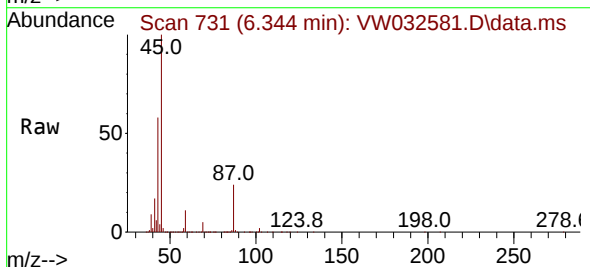
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

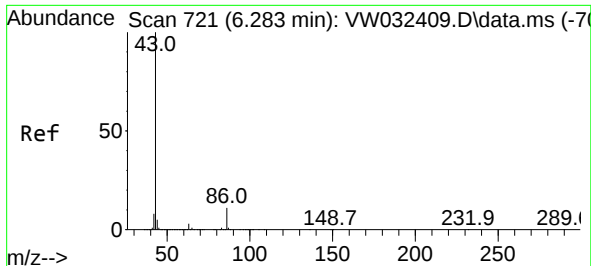
Tgt Ion: 96 Resp: 297496
Ion Ratio Lower Upper
96 100
61 147.3 111.0 166.4
98 61.8 48.4 72.6



#22
Diisopropyl ether
Concen: 58.916 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 45 Resp: 1030065
Ion Ratio Lower Upper
45 100
43 57.6 44.5 66.7
87 24.0 19.7 29.5
59 11.0 9.0 13.6

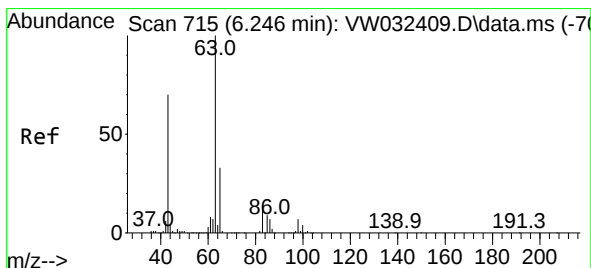
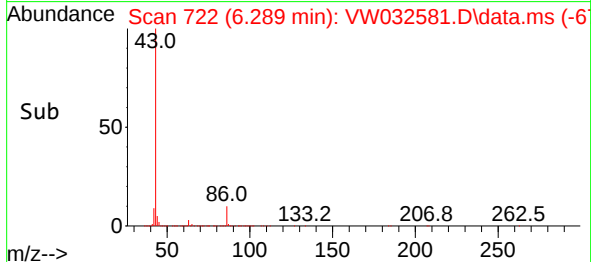
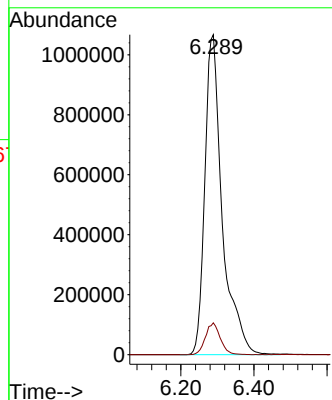
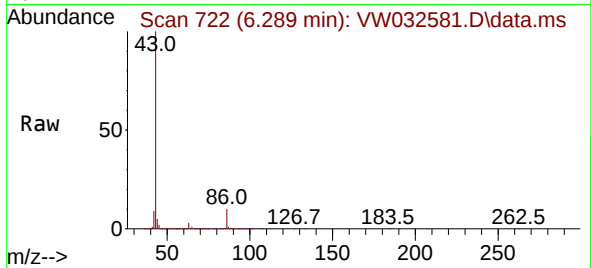




#23
 Vinyl Acetate
 Concen: 304.063 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

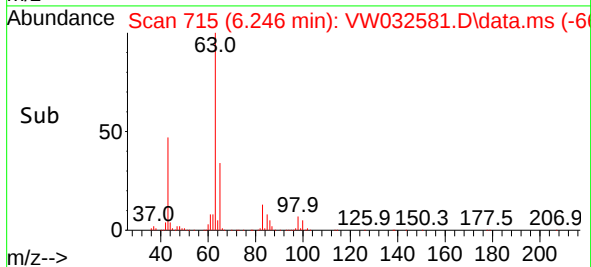
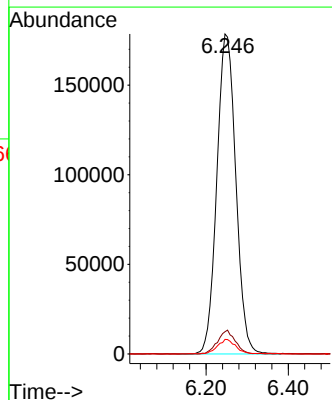
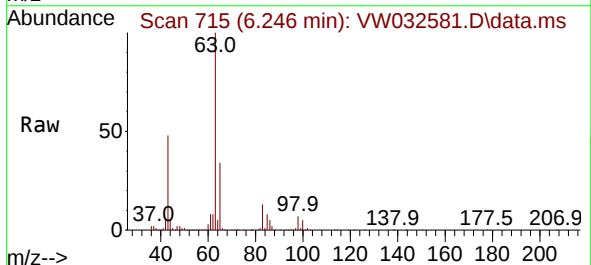
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

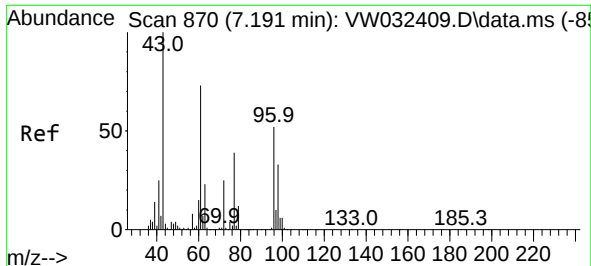
Tgt Ion: 43 Resp: 3522581
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 56.293 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

Tgt Ion: 63 Resp: 571417
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.6 2.3 6.8

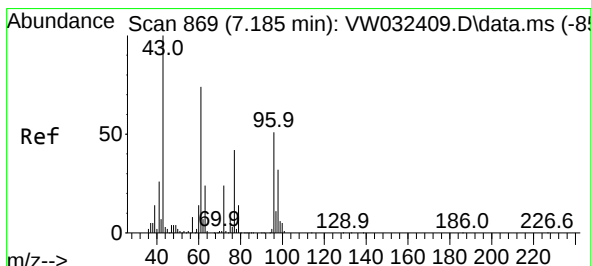
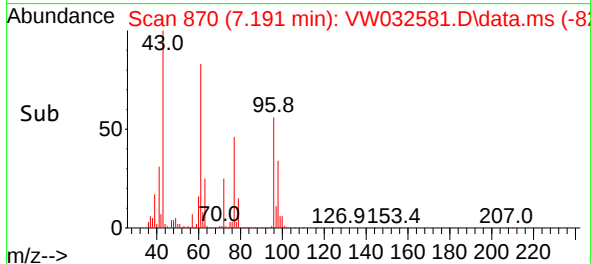
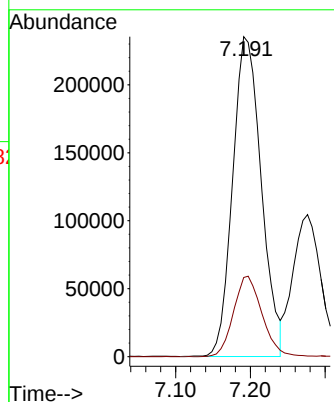
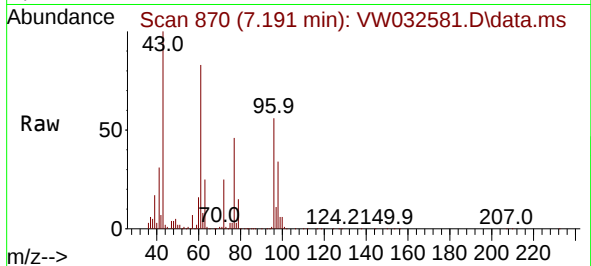




#25
2-Butanone
Concen: 279.533 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

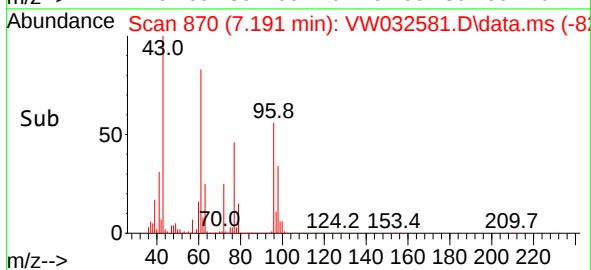
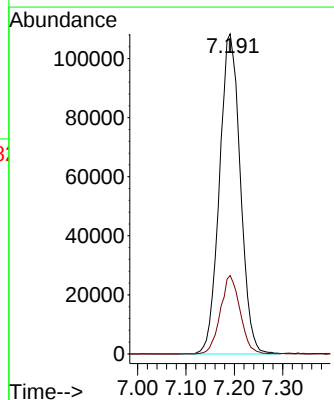
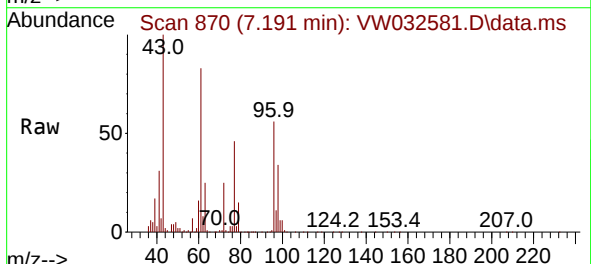
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

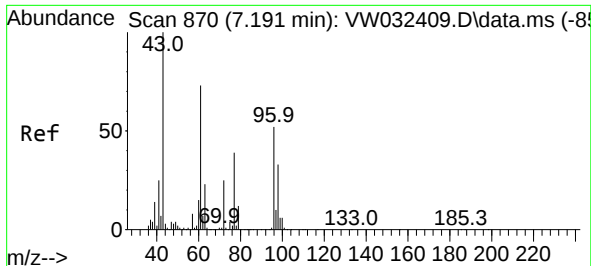
Tgt Ion: 43 Resp: 625935
Ion Ratio Lower Upper
43 100
72 24.8 19.7 29.5



#26
2,2-Dichloropropane
Concen: 55.090 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 77 Resp: 324173
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 57.135 ug/l

RT: 7.191 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

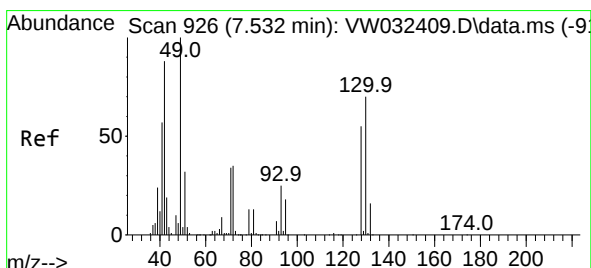
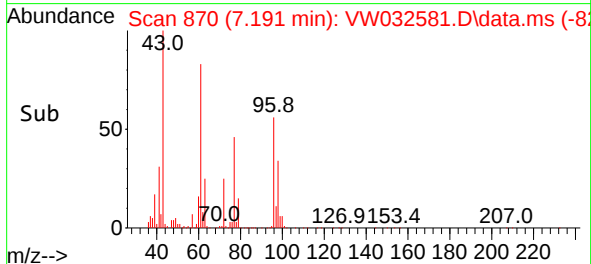
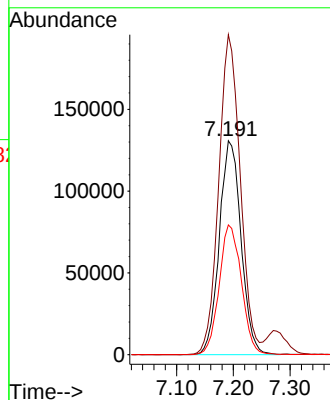
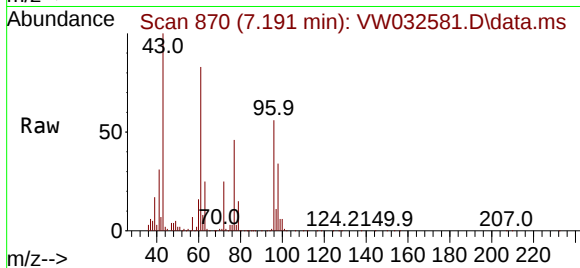
Tgt Ion: 96 Resp: 347817

Ion Ratio Lower Upper

96 100

61 148.2 0.0 298.6

98 62.0 0.0 129.2



#28

Bromochloromethane

Concen: 51.744 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

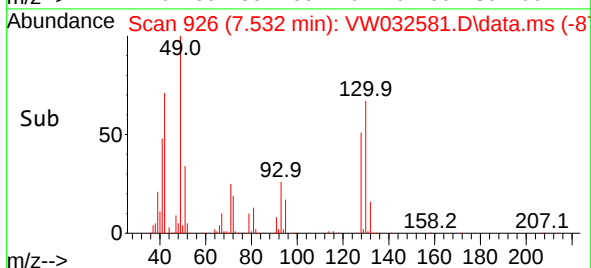
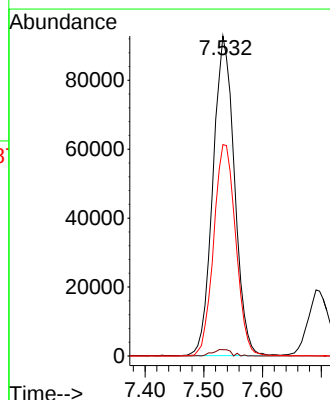
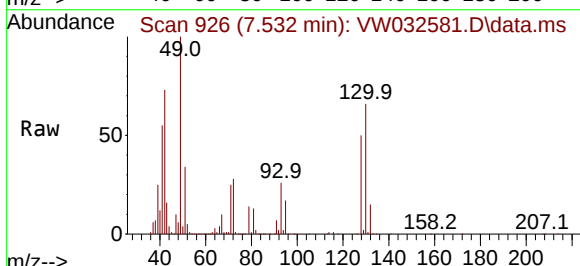
Tgt Ion: 49 Resp: 235945

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 67.9 54.1 81.1





#29

Tetrahydrofuran

Concen: 306.063 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

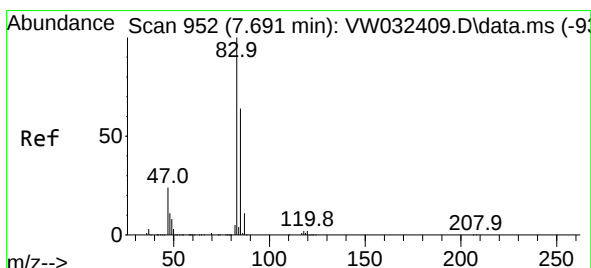
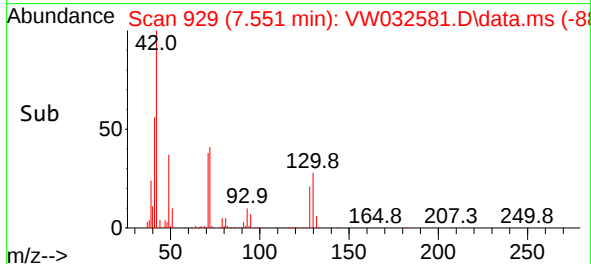
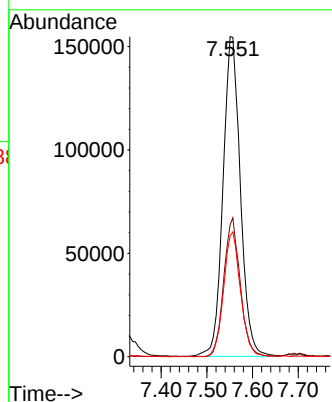
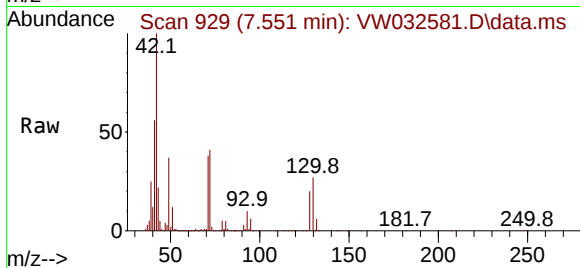
Tgt Ion: 42 Resp: 409208

Ion Ratio Lower Upper

42 100

72 40.9 32.4 48.6

71 38.1 31.1 46.7



#30

Chloroform

Concen: 55.685 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032581.D

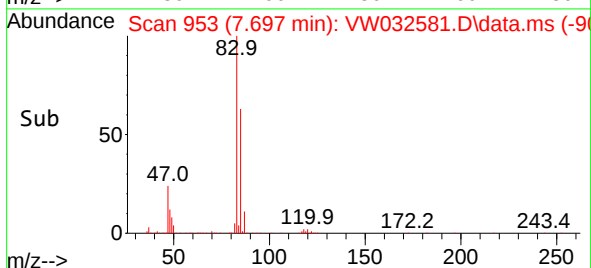
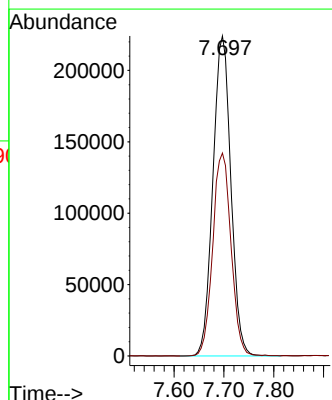
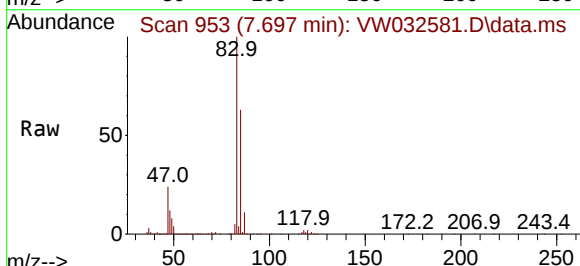
Acq: 05 Dec 2025 15:51

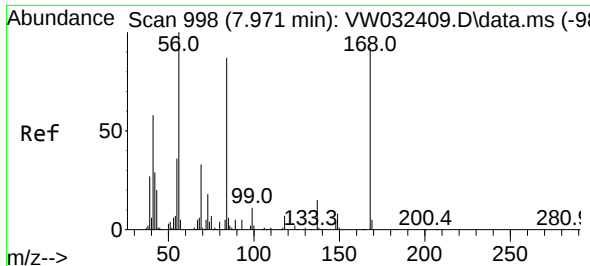
Tgt Ion: 83 Resp: 560975

Ion Ratio Lower Upper

83 100

85 63.4 53.1 79.7

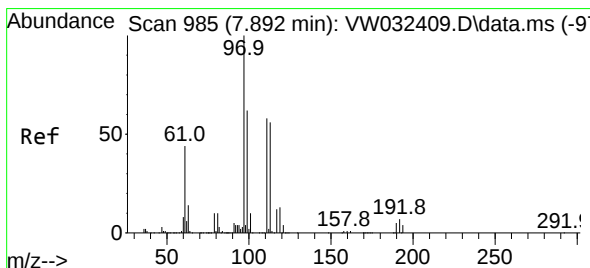
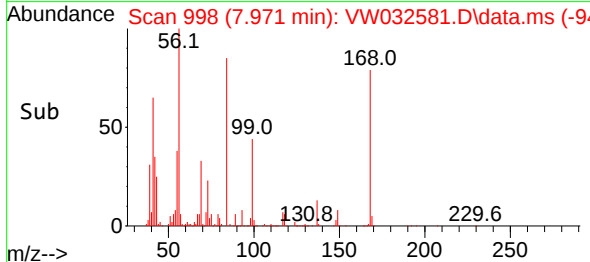
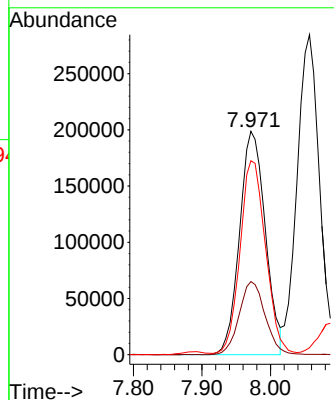
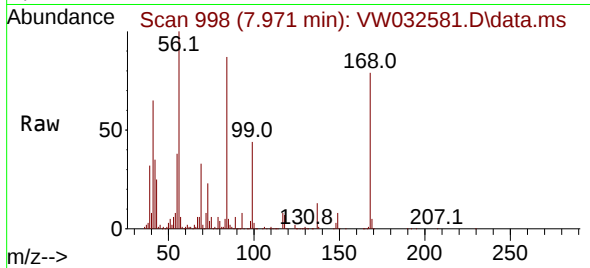




#31
Cyclohexane
Concen: 58.121 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

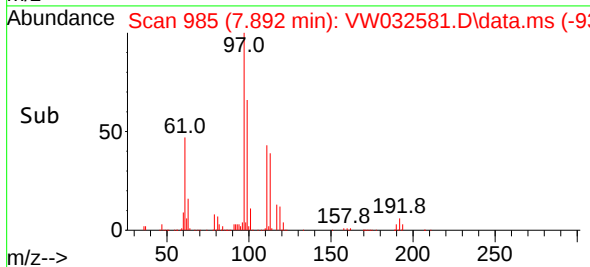
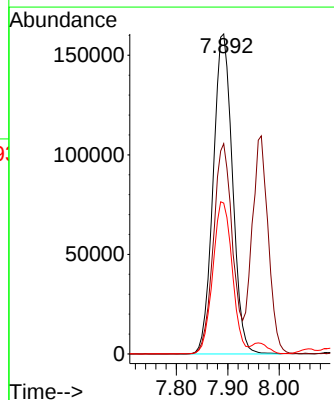
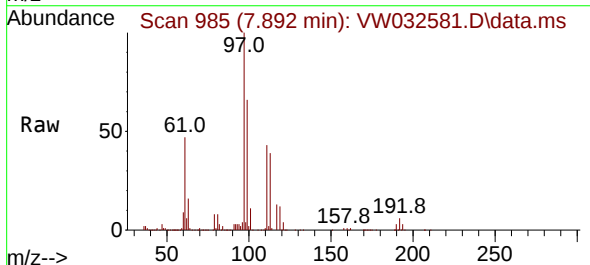
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

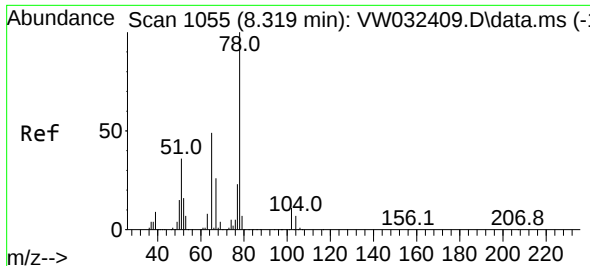
Tgt Ion: 56 Resp: 520230
Ion Ratio Lower Upper
56 100
69 32.7 27.3 40.9
84 86.2 67.5 101.3



#32
1,1,1-Trichloroethane
Concen: 57.343 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 97 Resp: 419262
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.8
61 47.9 37.8 56.8

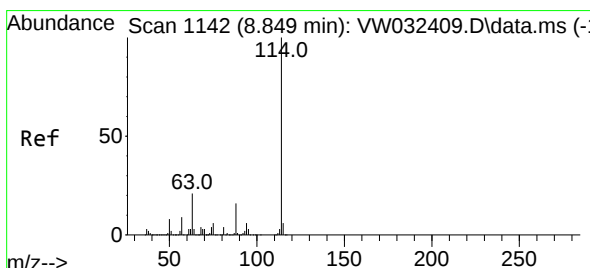
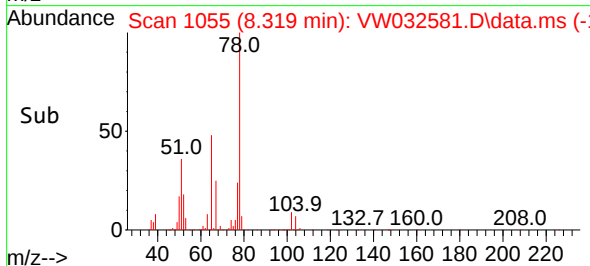
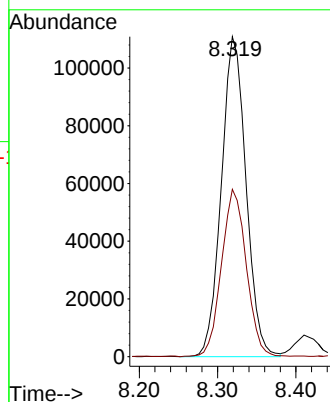
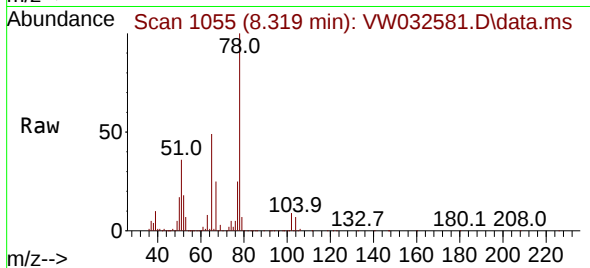




#33
 1,2-Dichloroethane-d4
 Concen: 43.503 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

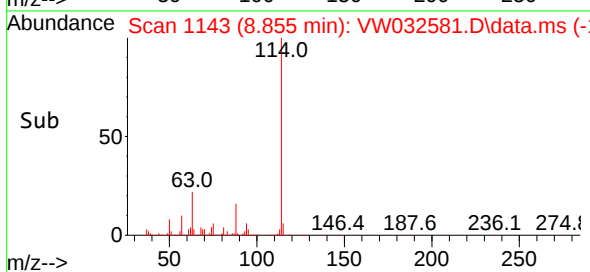
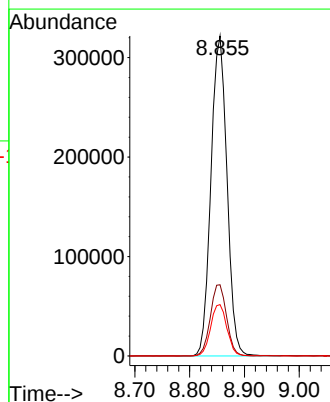
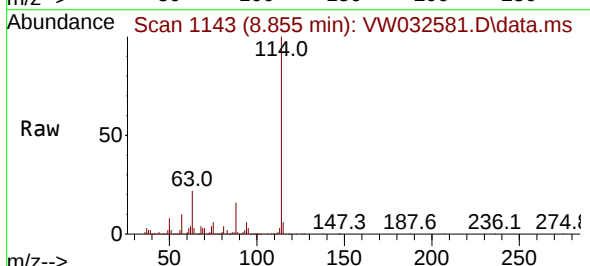
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

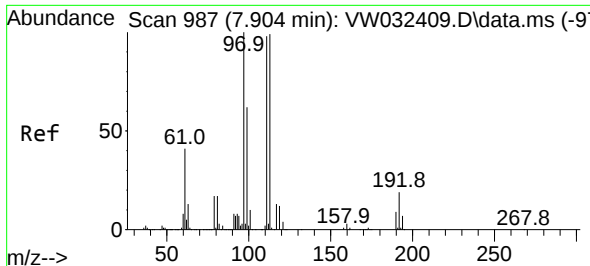
Tgt Ion: 65 Resp: 242908
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

Tgt Ion: 114 Resp: 651153
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 40.6
 88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.888 ug/l

RT: 7.904 min Scan# 9

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

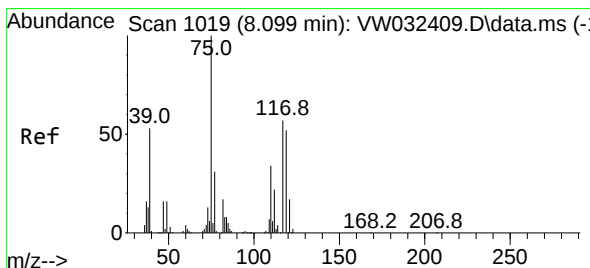
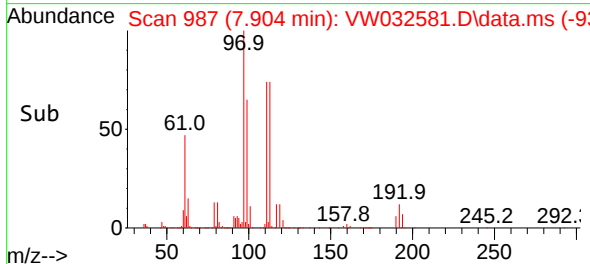
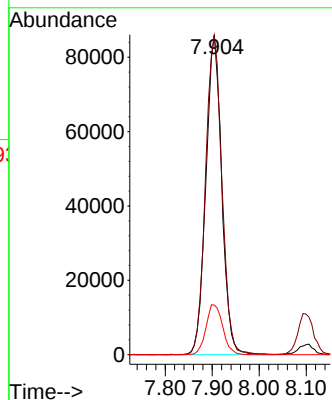
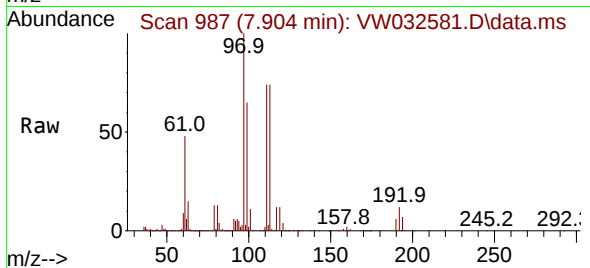
Tgt Ion:113 Resp: 200918

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

192 16.6 13.4 20.2



#36

1,1-Dichloropropene

Concen: 62.777 ug/l

RT: 8.099 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

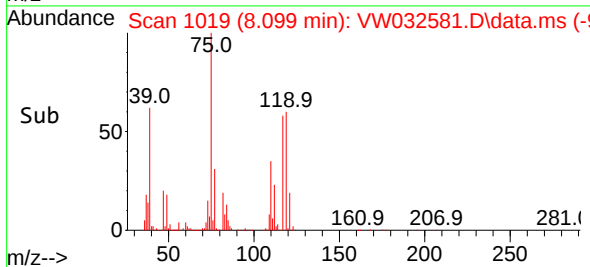
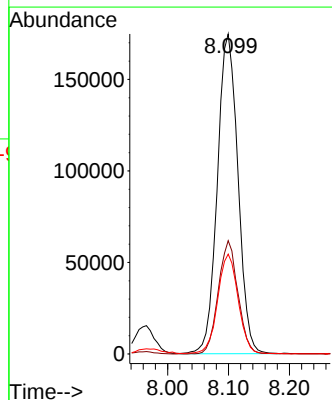
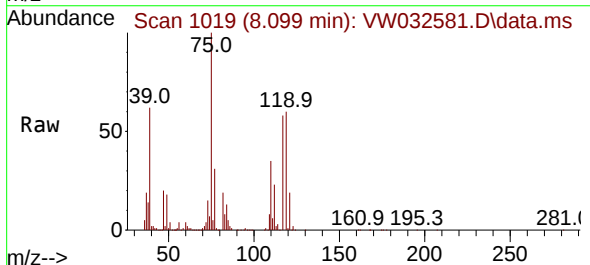
Tgt Ion: 75 Resp: 410309

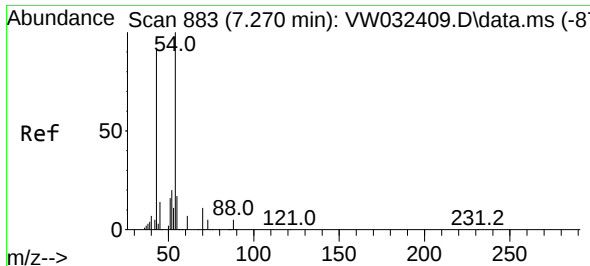
Ion Ratio Lower Upper

75 100

110 33.9 16.9 50.6

77 31.3 24.6 37.0

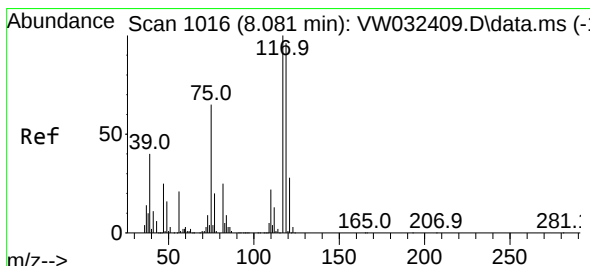
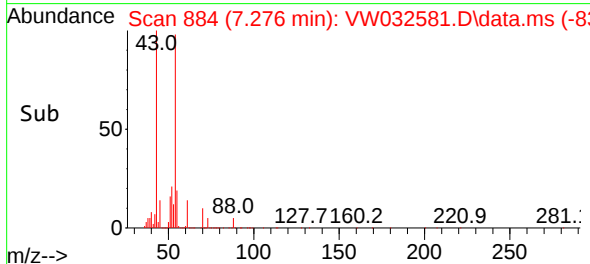
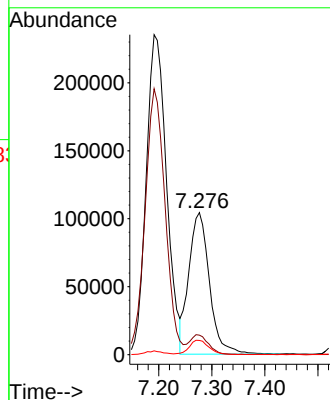
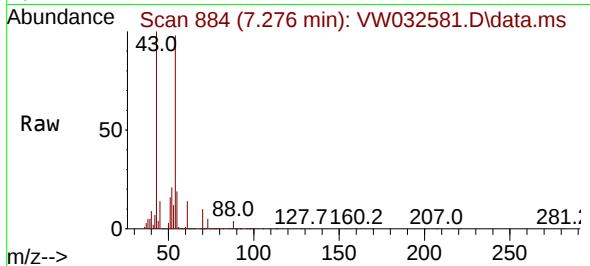




#37
Ethyl Acetate
Concen: 62.275 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

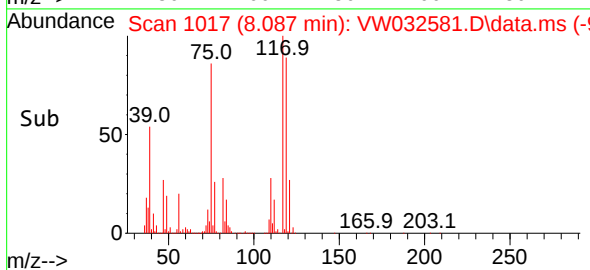
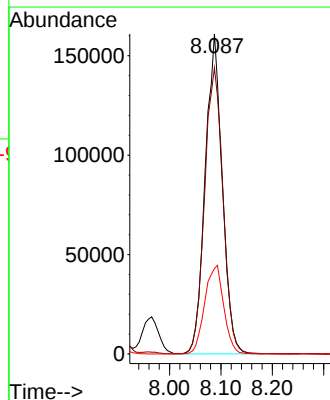
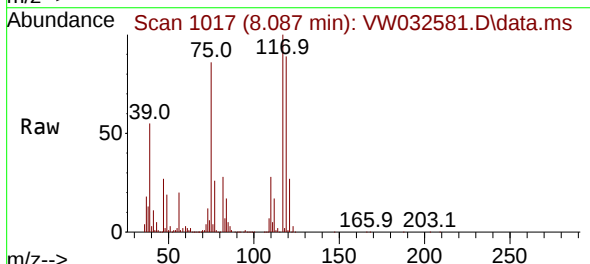
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

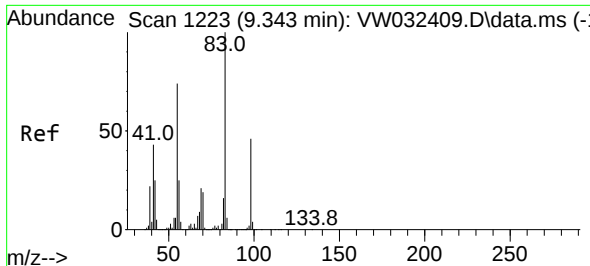
Tgt Ion: 43 Resp: 281678
Ion Ratio Lower Upper
43 100
61 12.1 10.6 16.0
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 61.100 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 117 Resp: 371013
Ion Ratio Lower Upper
117 100
119 89.4 76.9 115.3
121 26.7 25.4 38.2





#39

Methylcyclohexane

Concen: 67.342 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

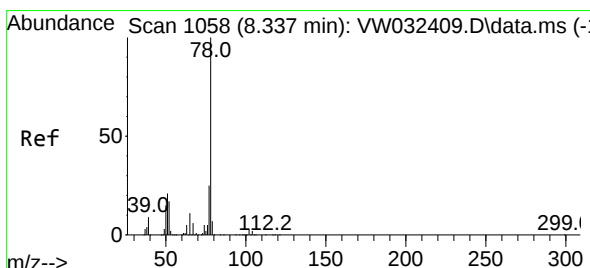
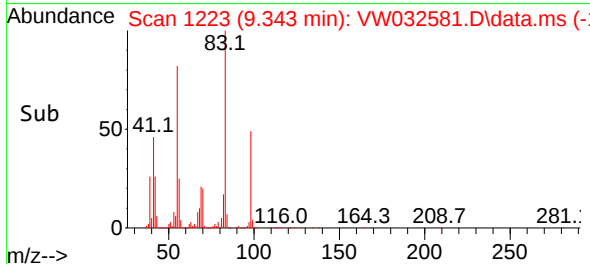
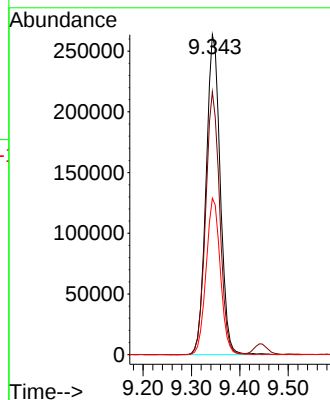
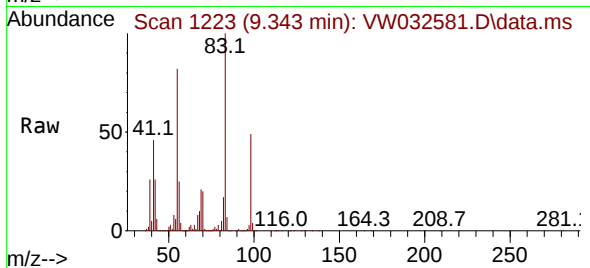
Tgt Ion: 83 Resp: 537451

Ion Ratio Lower Upper

83 100

55 82.1 64.9 97.3

98 48.9 36.2 54.4



#40

Benzene

Concen: 59.849 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032581.D

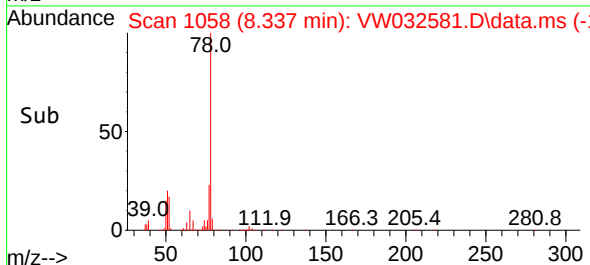
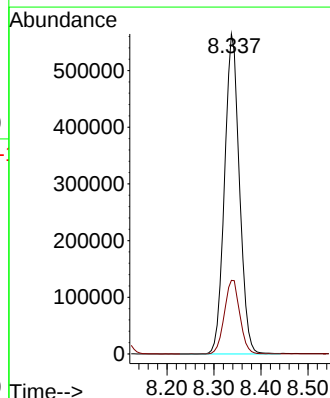
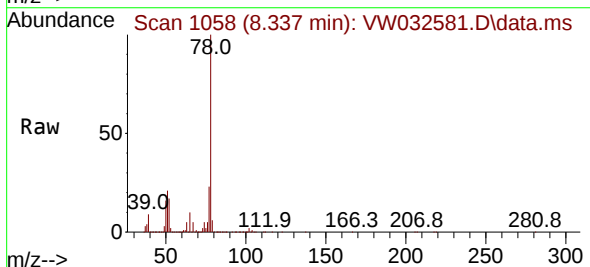
Acq: 05 Dec 2025 15:51

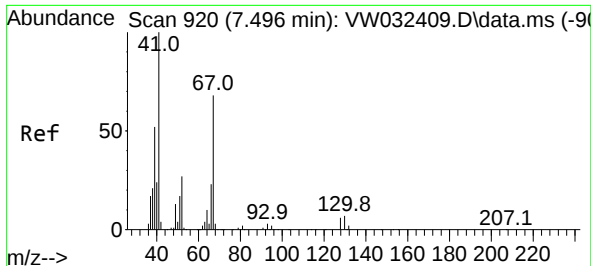
Tgt Ion: 78 Resp: 1246552

Ion Ratio Lower Upper

78 100

77 23.0 20.0 30.0

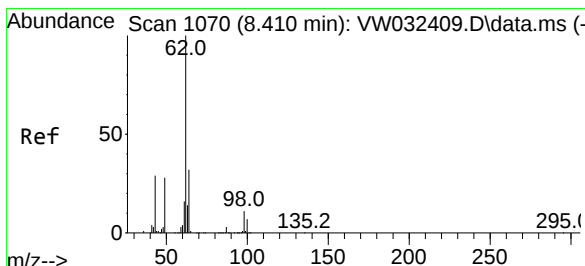
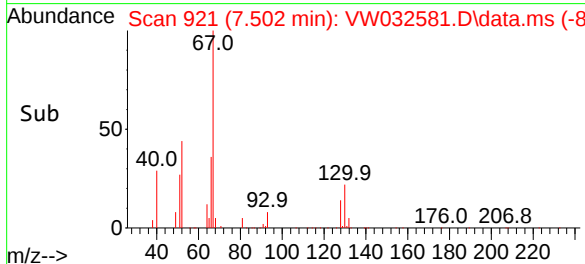
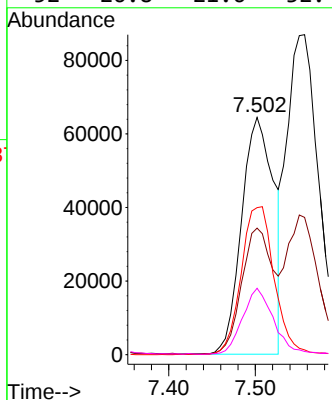
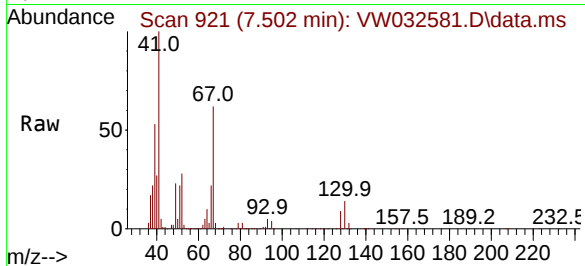




#41
Methacrylonitrile
Concen: 68.020 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

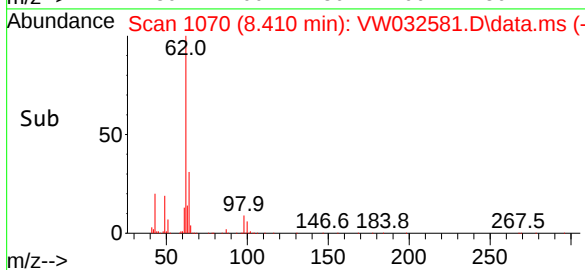
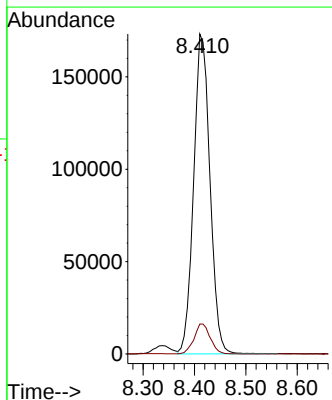
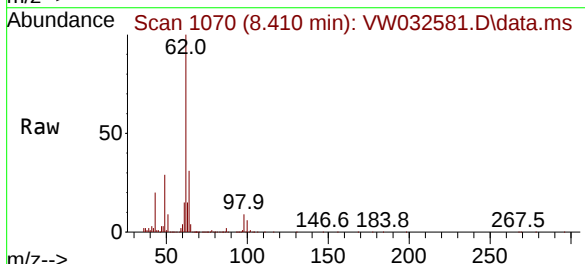
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

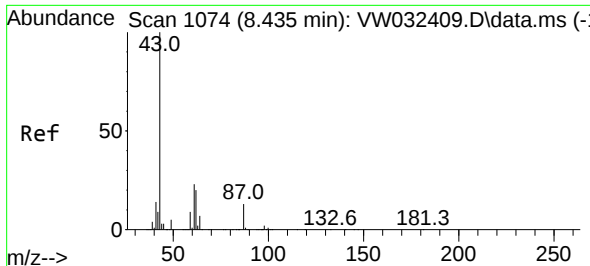
Tgt Ion:	41	Resp:	166472
Ion	Ratio	Lower	Upper
41	100		
39	52.1	38.5	57.7
67	63.8	49.8	74.6
52	26.8	21.6	32.4



#42
1,2-Dichloroethane
Concen: 59.819 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion:	62	Resp:	382007
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0

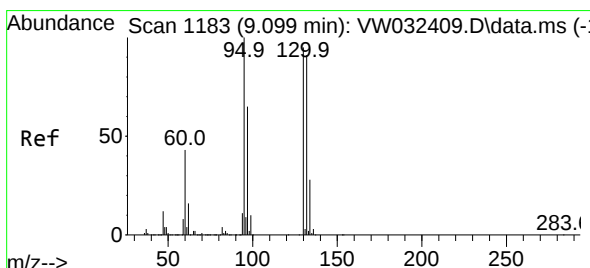
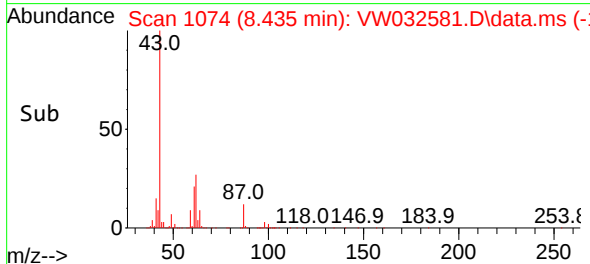
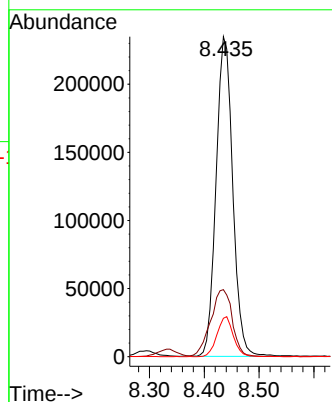
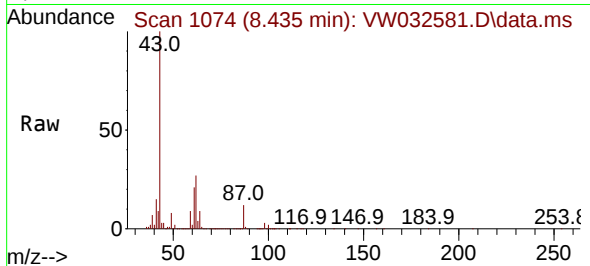




#43
Isopropyl Acetate
Concen: 63.706 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

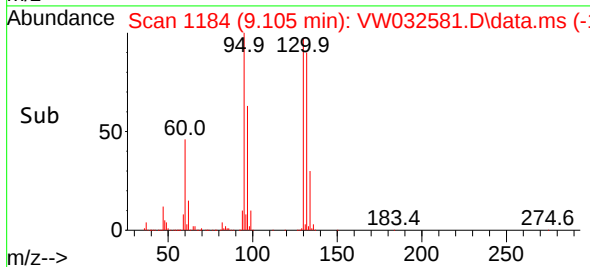
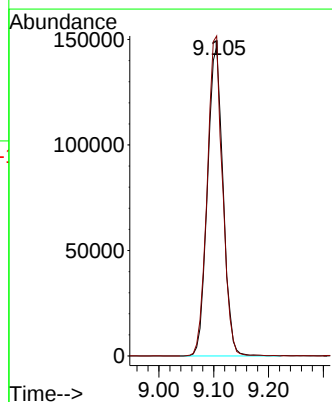
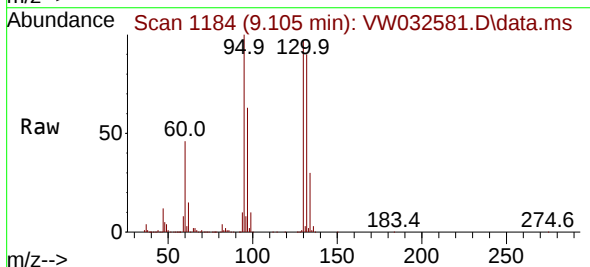
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

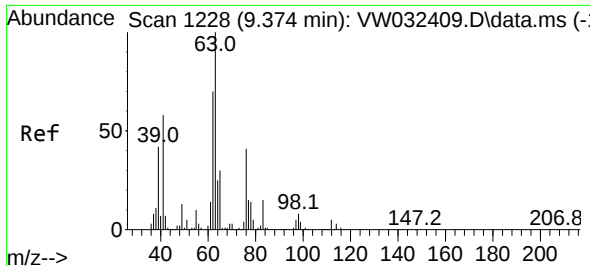
Tgt Ion: 43 Resp: 495293
Ion Ratio Lower Upper
43 100
61 26.9 22.3 33.5
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 61.996 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion:130 Resp: 288600
Ion Ratio Lower Upper
130 100
95 103.5 0.0 190.4

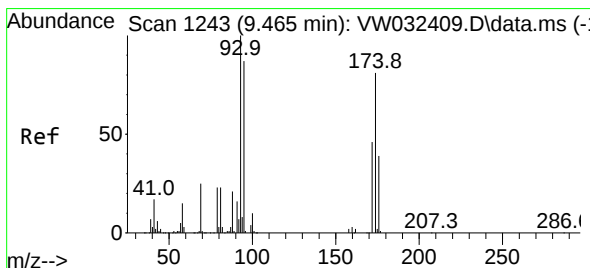
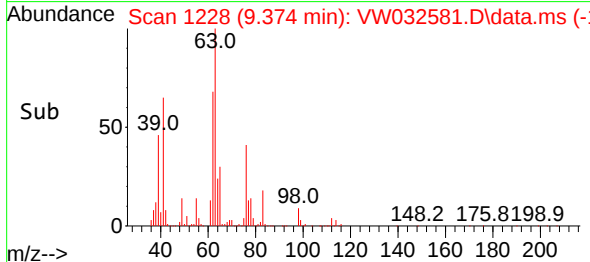
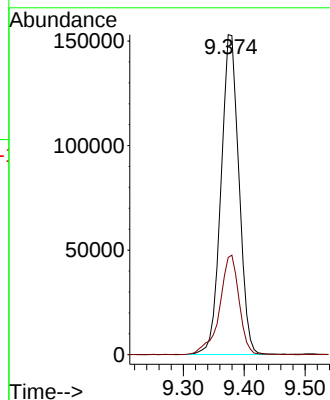
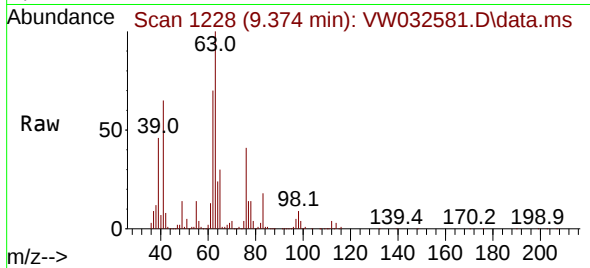




#45
1,2-Dichloropropane
Concen: 60.326 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

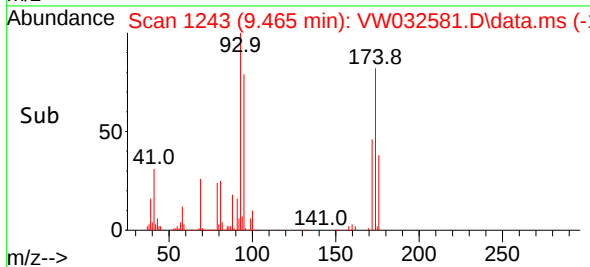
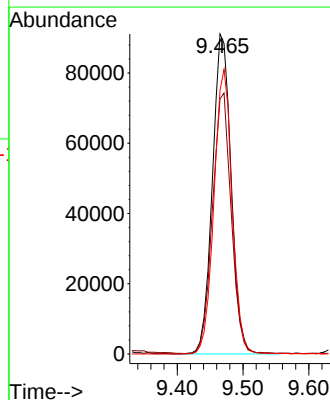
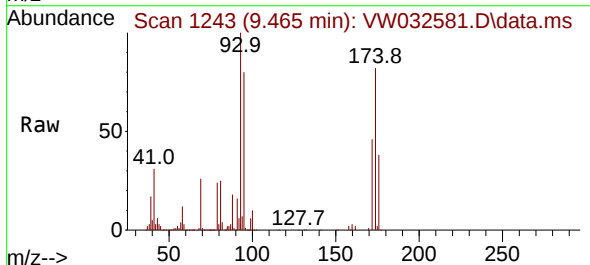
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

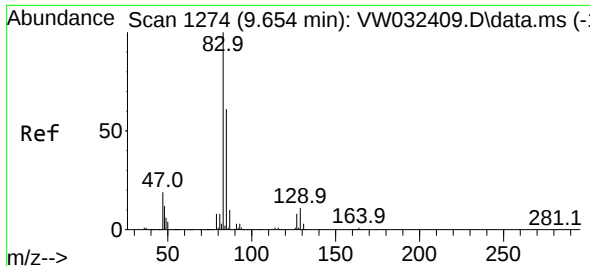
Tgt Ion: 63 Resp: 312090
Ion Ratio Lower Upper
63 100
65 30.4 26.5 39.7



#46
Dibromomethane
Concen: 60.341 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 93 Resp: 180517
Ion Ratio Lower Upper
93 100
95 81.4 66.4 99.6
174 86.1 65.3 97.9

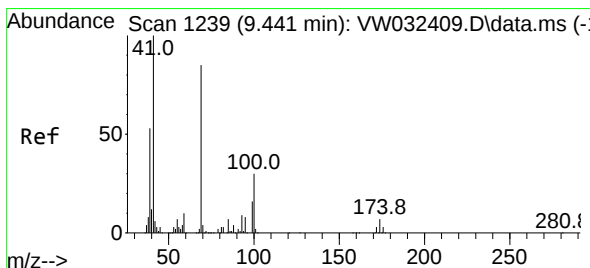
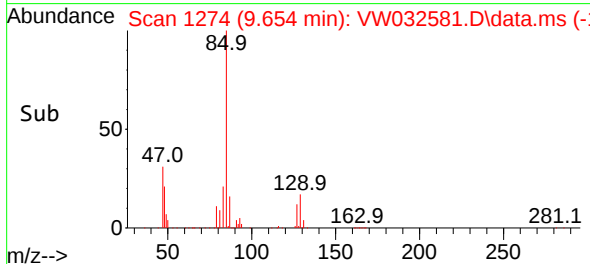
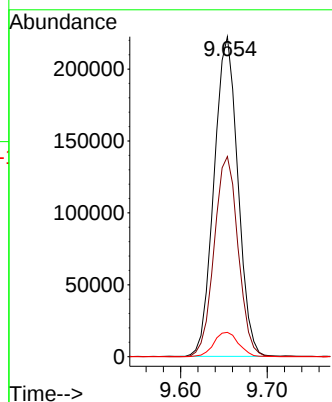
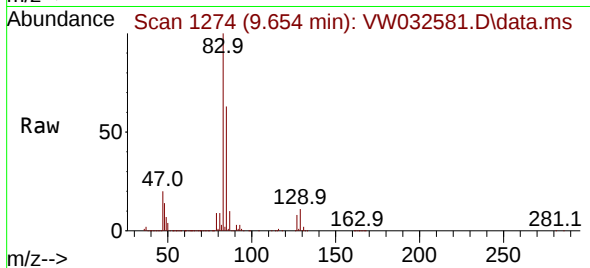




#47
Bromodichloromethane
Concen: 60.529 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

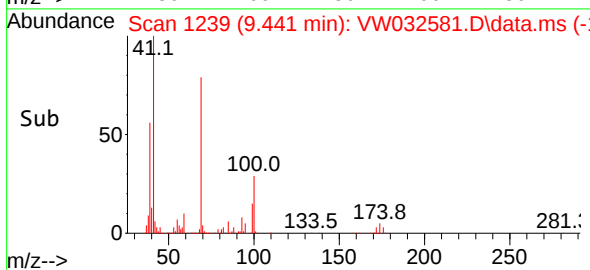
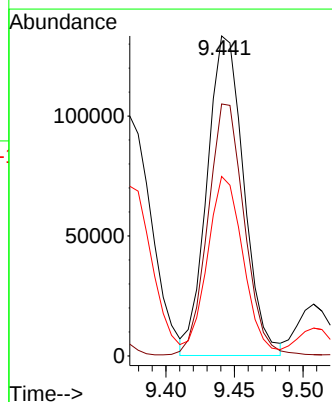
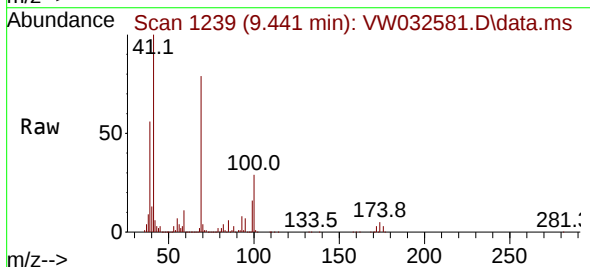
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

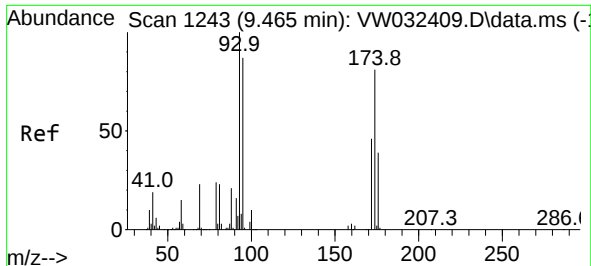
Tgt Ion: 83 Resp: 424426
Ion Ratio Lower Upper
83 100
85 62.6 50.8 76.2
127 7.6 7.0 10.6



#48
Methyl methacrylate
Concen: 70.326 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 41 Resp: 248544
Ion Ratio Lower Upper
41 100
69 78.7 62.1 93.1
39 50.6 39.1 58.7

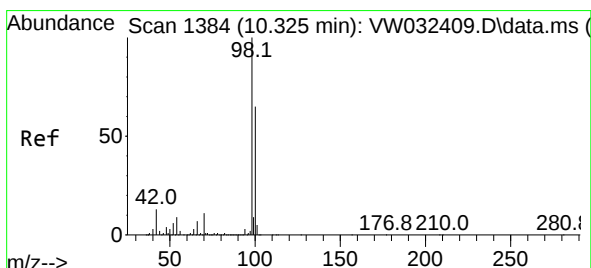
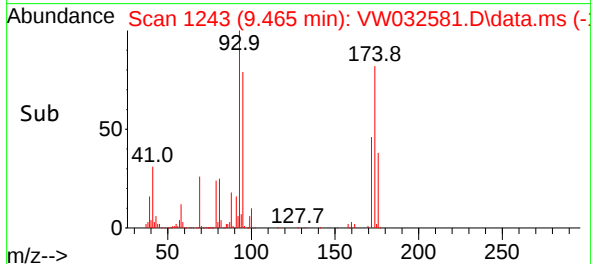
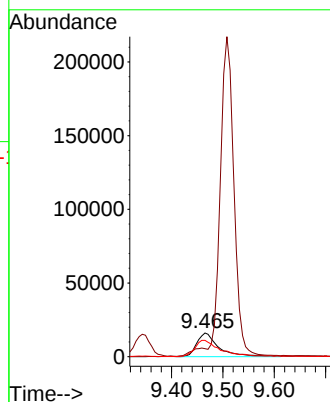
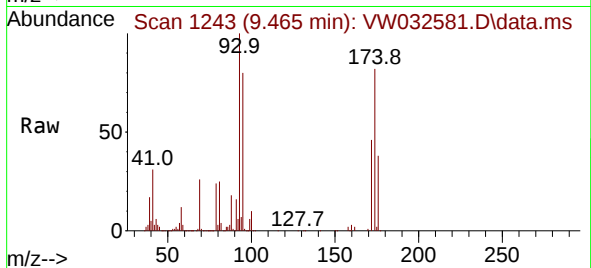




#49
1,4-Dioxane
Concen: 1332.858 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

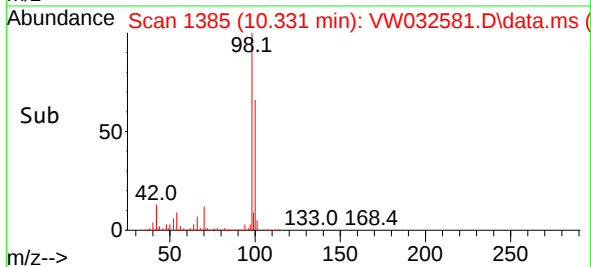
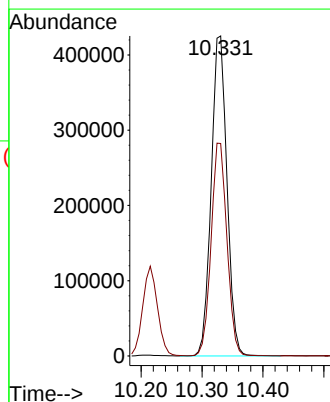
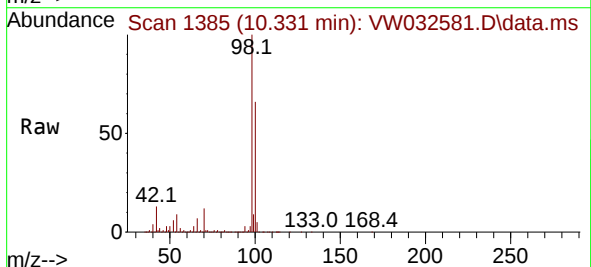
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

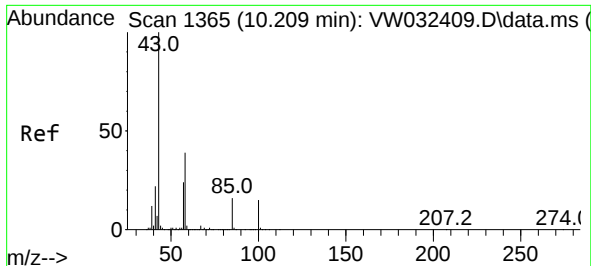
Tgt Ion: 88 Resp: 47646
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 80.0 65.2 97.8



#50
Toluene-d8
Concen: 47.272 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 98 Resp: 762215
Ion Ratio Lower Upper
98 100
100 66.9 54.7 82.1

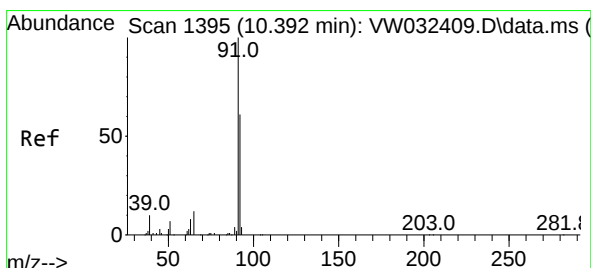
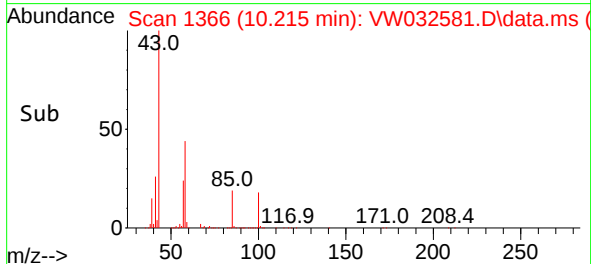
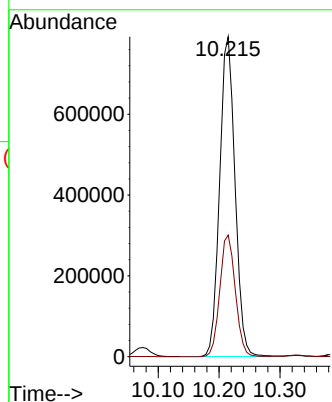
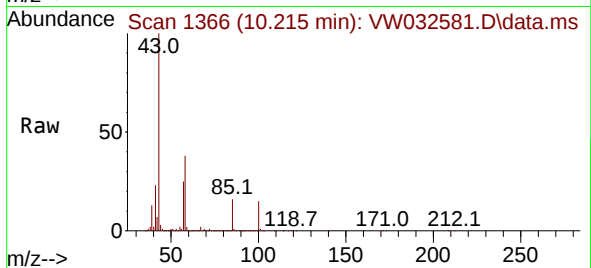




#51
4-Methyl-2-Pentanone
Concen: 322.863 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

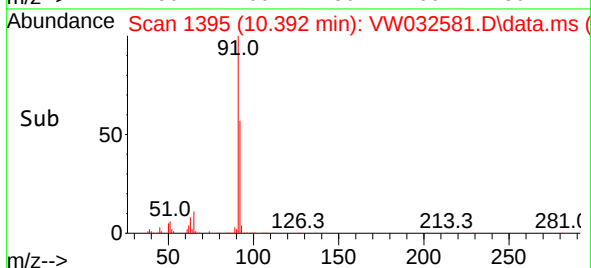
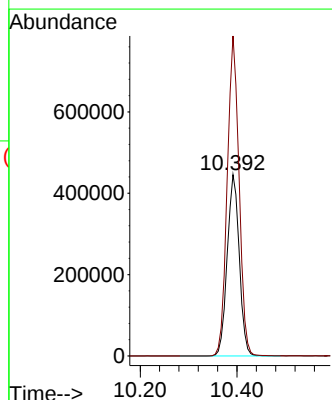
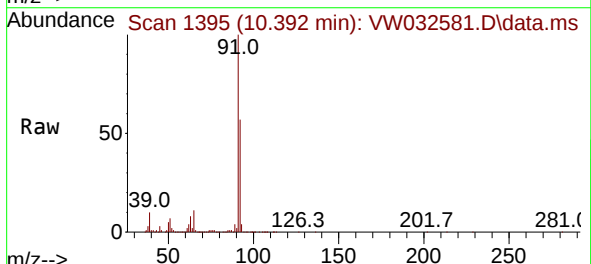
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

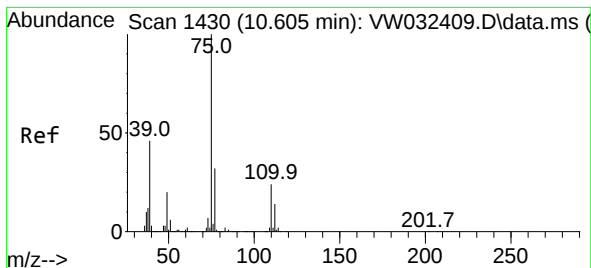
Tgt Ion: 43 Resp: 1388939
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7



#52
Toluene
Concen: 61.508 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 92 Resp: 771935
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8

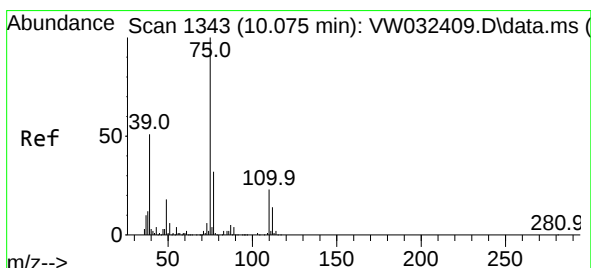
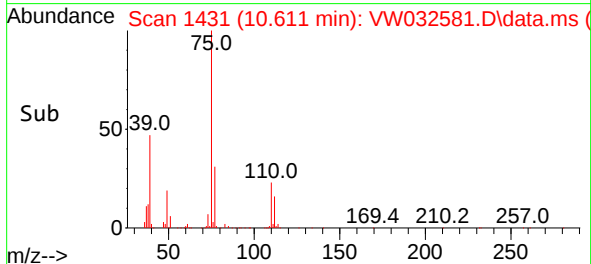
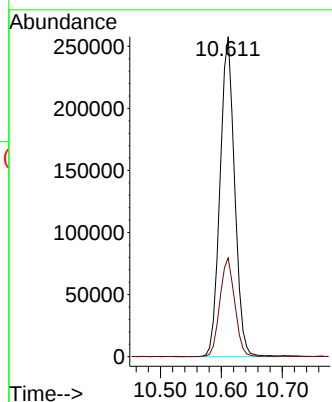
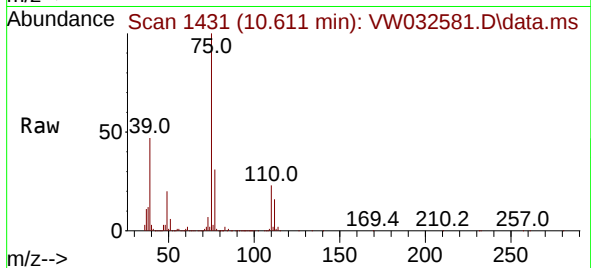




#53
 t-1,3-Dichloropropene
 Concen: 64.009 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

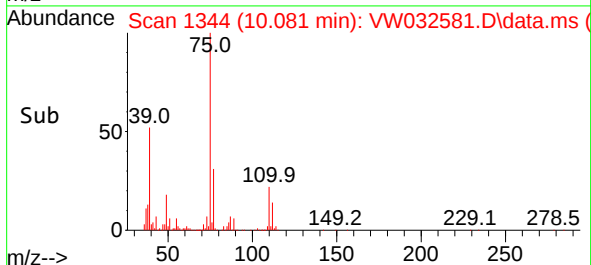
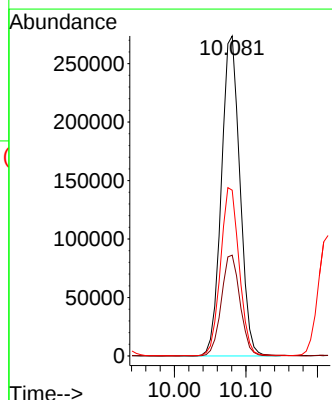
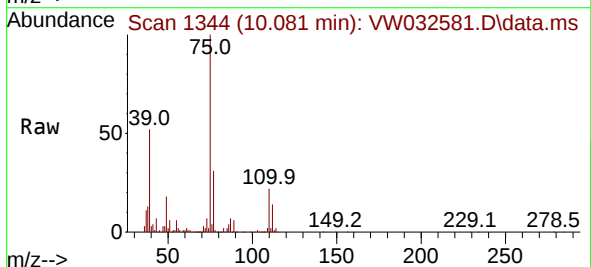
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

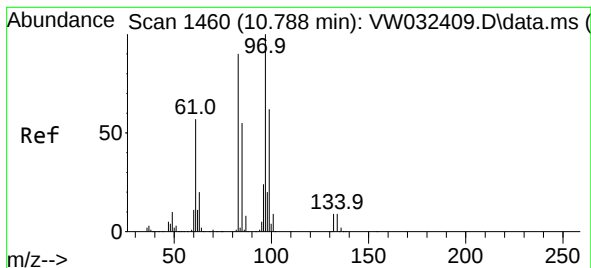
Tgt Ion: 75 Resp: 430580
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 62.256 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

Tgt Ion: 75 Resp: 491456
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.5 39.7
 39 51.7 42.9 64.3



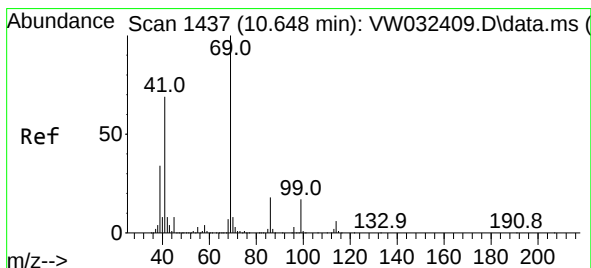
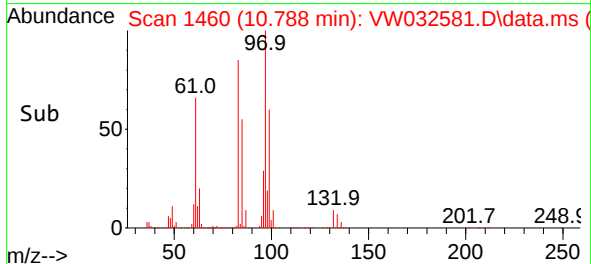
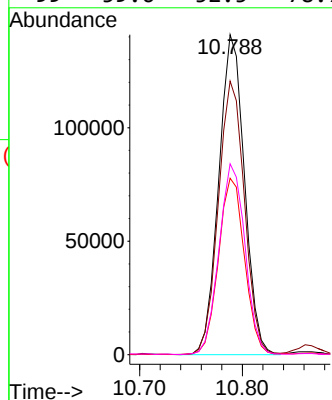
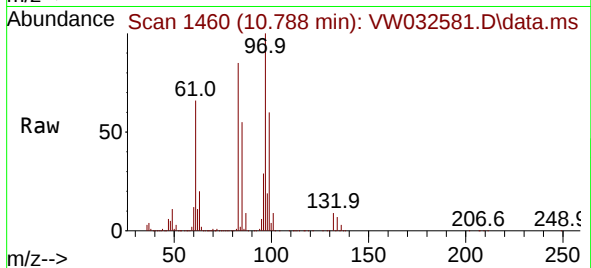


#55
1,1,2-Trichloroethane
Concen: 61.007 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 244452

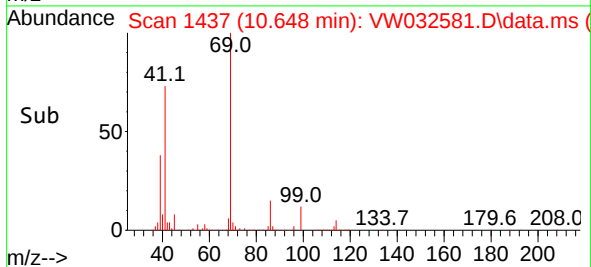
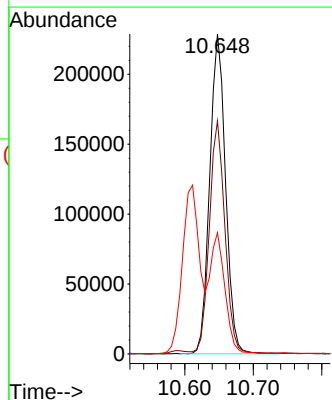
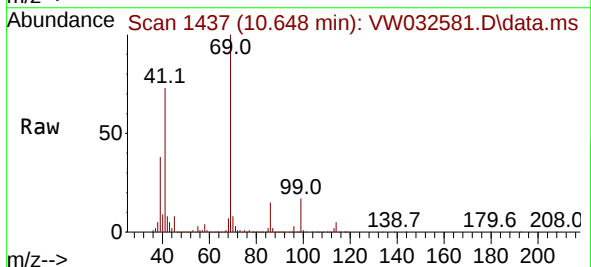
Ion	Ratio	Lower	Upper
97	100		
83	85.4	76.3	114.5
85	55.1	46.1	69.1
99	59.6	52.5	78.7



#56
Ethyl methacrylate
Concen: 66.215 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 69 Resp: 366916

Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.2	84.4
39	35.5	26.9	40.3





#57

1,3-Dichloropropane

Concen: 61.350 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

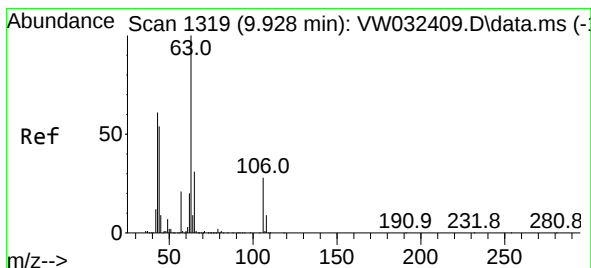
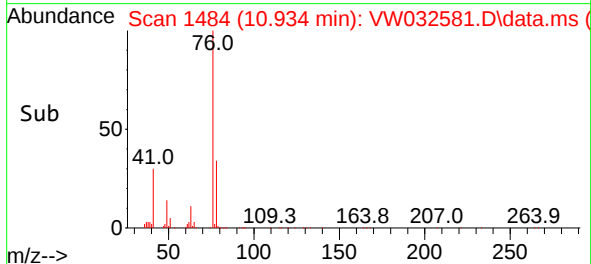
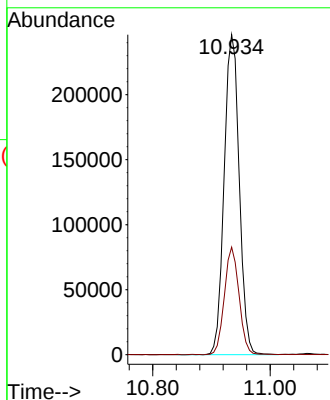
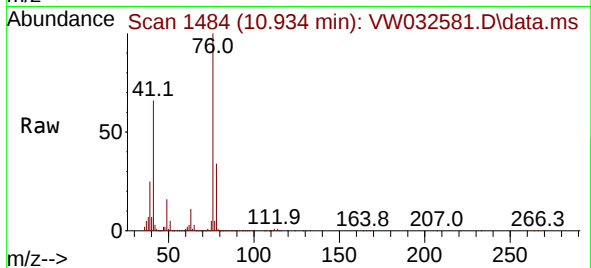
VSTDCCC050EC

Tgt Ion: 76 Resp: 438720

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 183.768 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032581.D

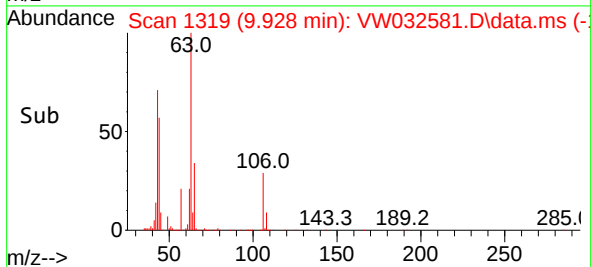
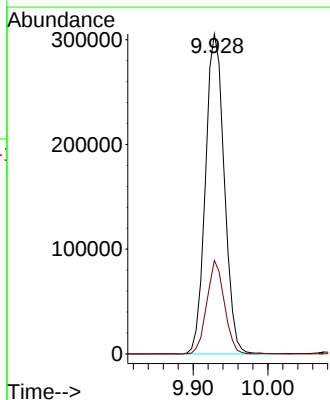
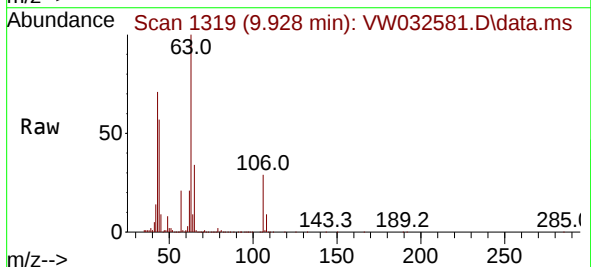
Acq: 05 Dec 2025 15:51

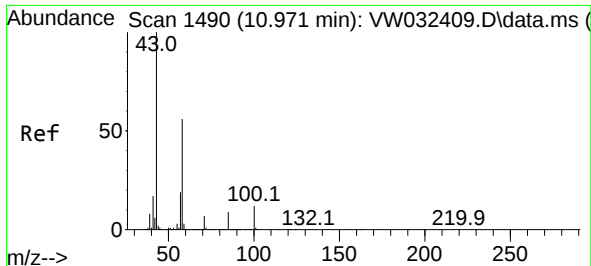
Tgt Ion: 63 Resp: 533565

Ion Ratio Lower Upper

63 100

106 27.3 21.5 32.3

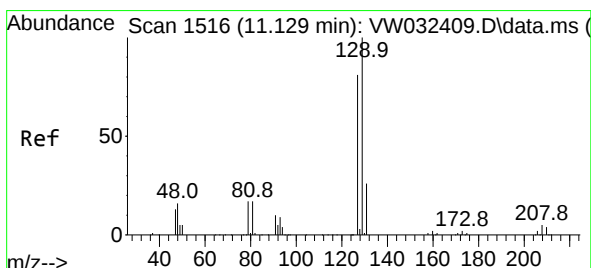
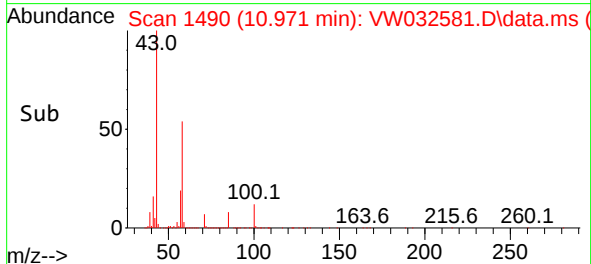
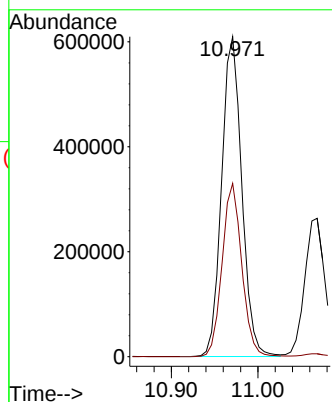
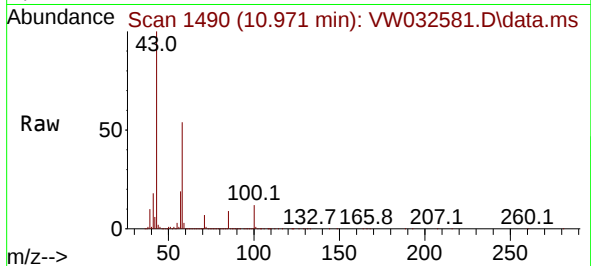




#59
2-Hexanone
Concen: 321.790 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

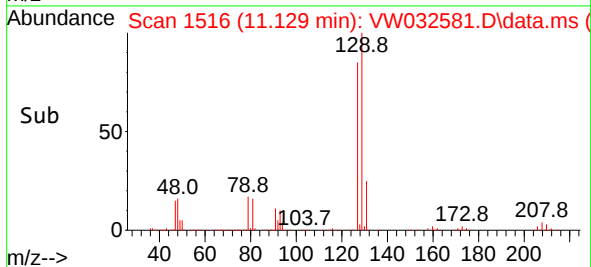
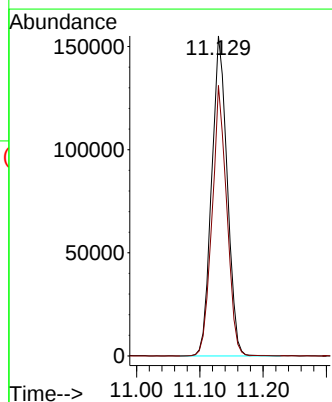
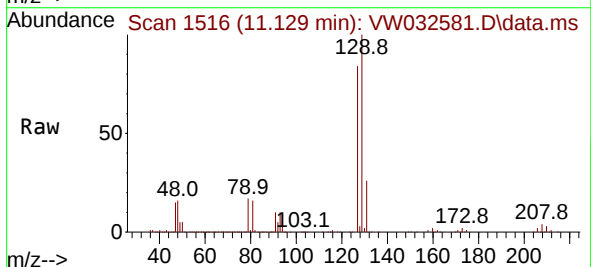
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

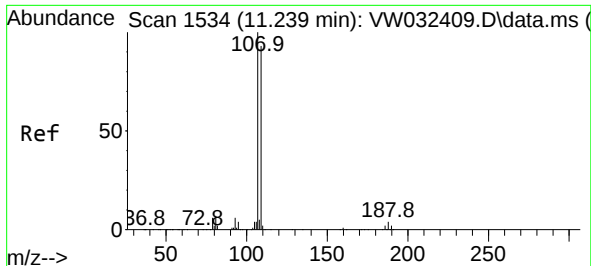
Tgt Ion: 43 Resp: 985877
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.6



#60
Dibromochloromethane
Concen: 59.138 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion:129 Resp: 265585
Ion Ratio Lower Upper
129 100
127 79.4 40.9 122.8

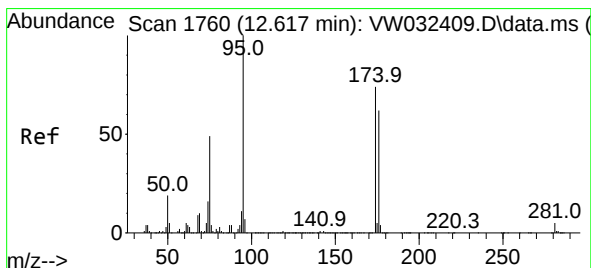
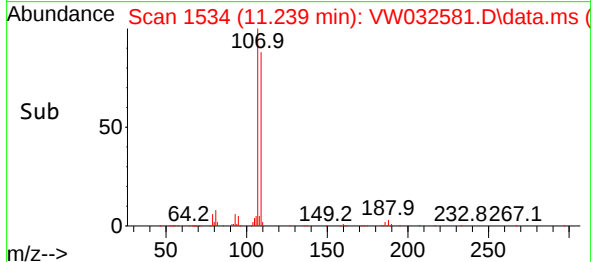
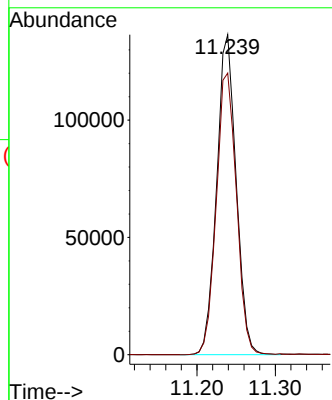
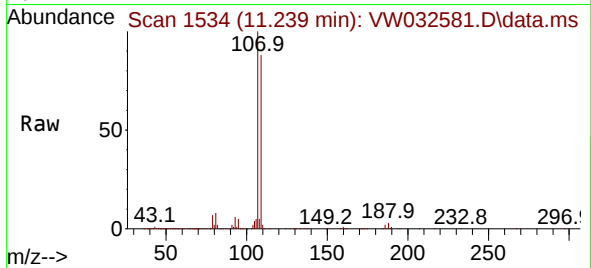




#61
1,2-Dibromoethane
Concen: 61.981 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

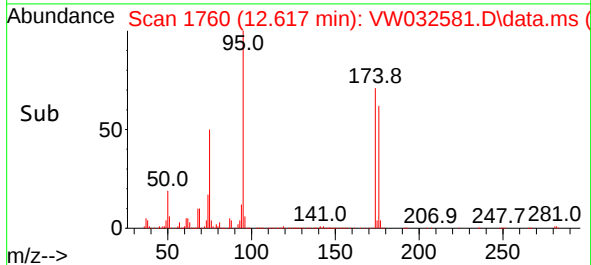
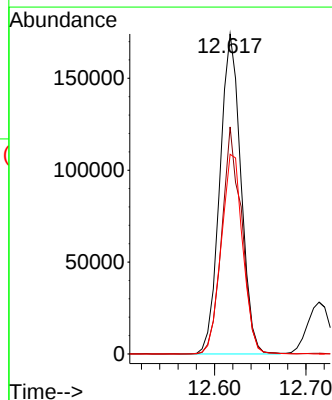
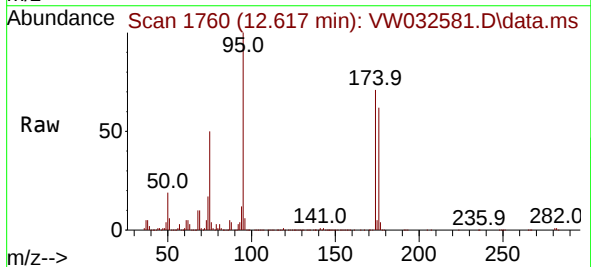
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

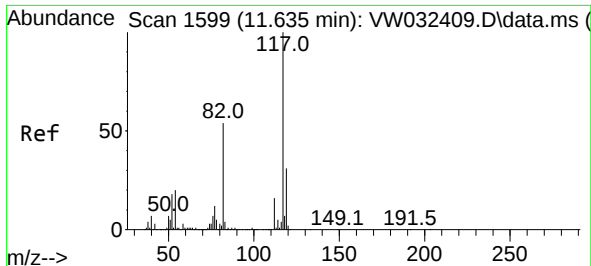
Tgt Ion:107 Resp: 236189
Ion Ratio Lower Upper
107 100
109 91.0 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 46.876 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 95 Resp: 279247
Ion Ratio Lower Upper
95 100
174 67.0 0.0 141.2
176 64.0 0.0 130.8

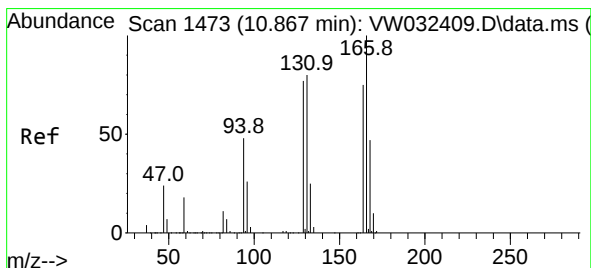
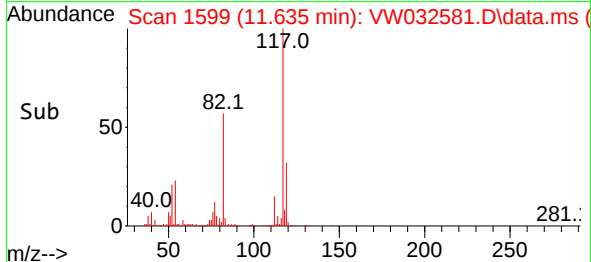
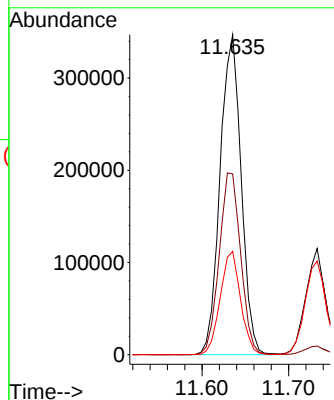
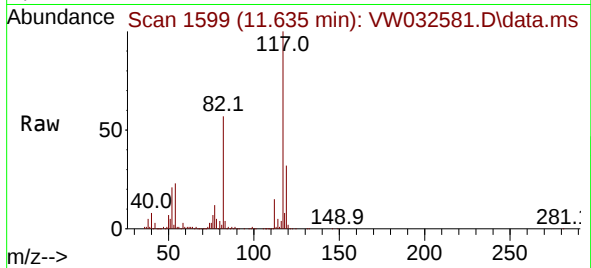




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

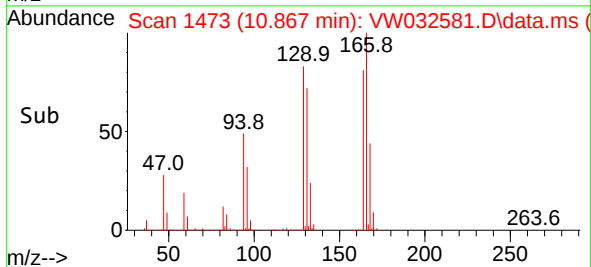
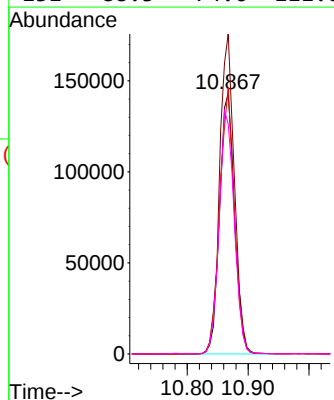
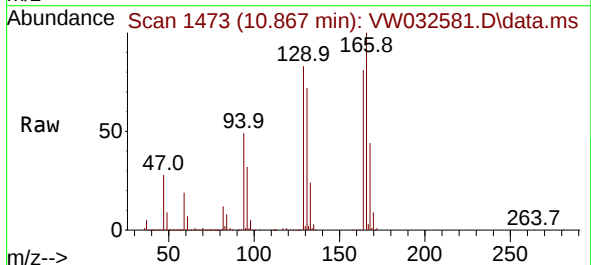
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 586827
Ion Ratio Lower Upper
117 100
82 56.5 45.9 68.9
119 32.3 26.3 39.5



#64
Tetrachloroethene
Concen: 62.342 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion:164 Resp: 244005
Ion Ratio Lower Upper
164 100
166 122.9 97.3 145.9
129 102.2 75.7 113.5
131 88.3 74.6 111.8





#65

Chlorobenzene

Concen: 60.453 ug/l

RT: 11.660 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

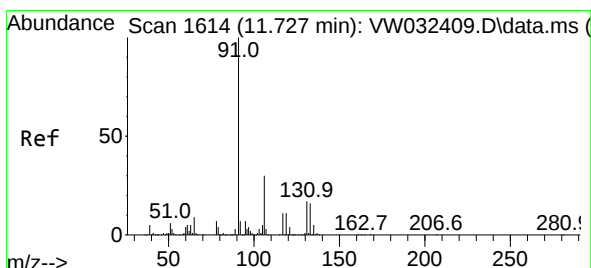
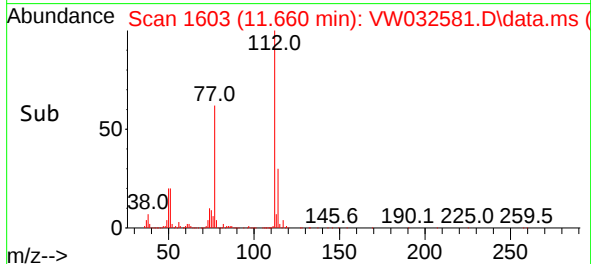
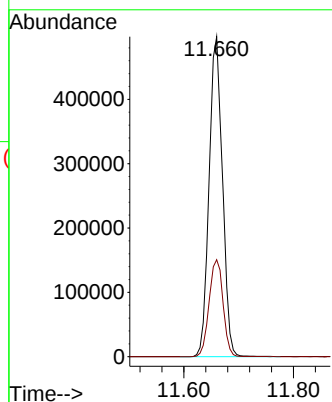
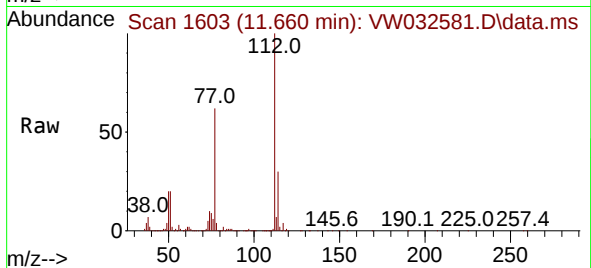
VSTDCCC050EC

Tgt Ion:112 Resp: 838244

Ion Ratio Lower Upper

112 100

114 30.3 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 59.830 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

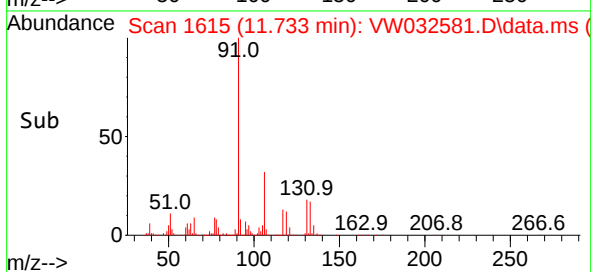
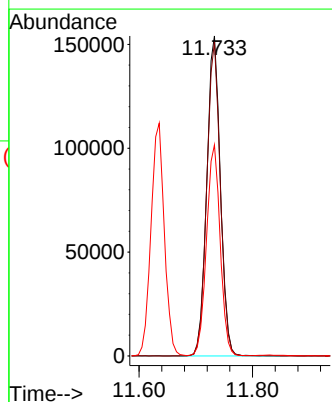
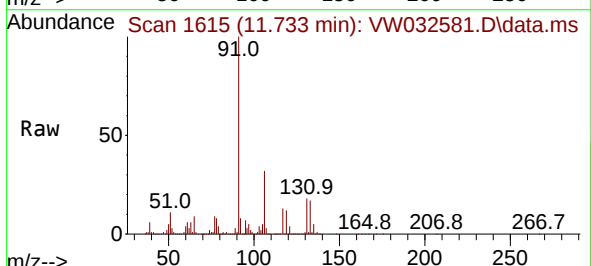
Tgt Ion:131 Resp: 256590

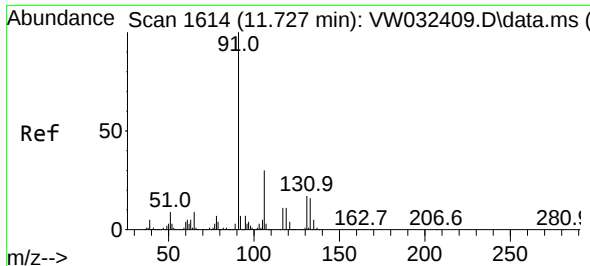
Ion Ratio Lower Upper

131 100

133 97.2 47.4 142.3

119 66.3 32.2 96.6

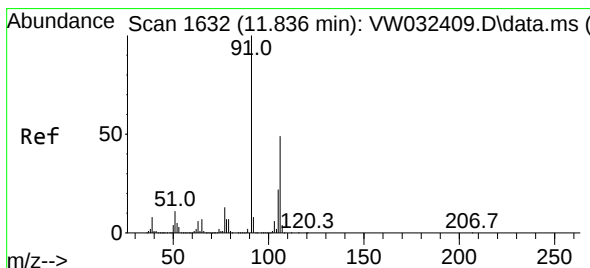
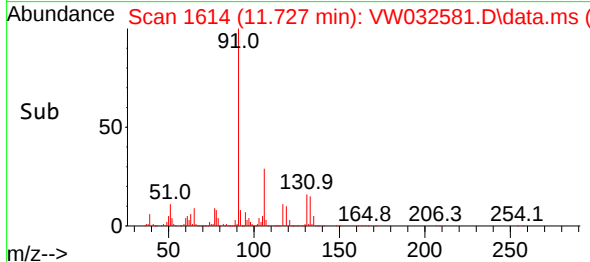
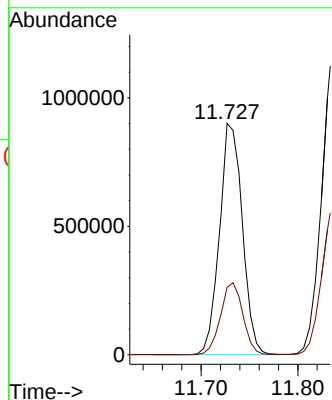
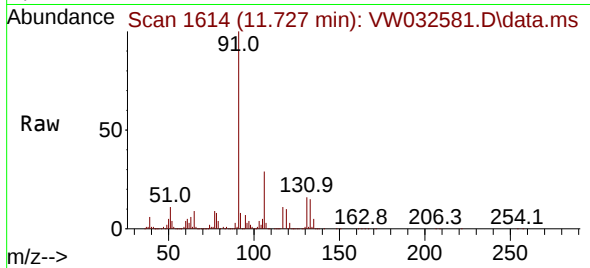




#67
Ethyl Benzene
Concen: 62.737 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

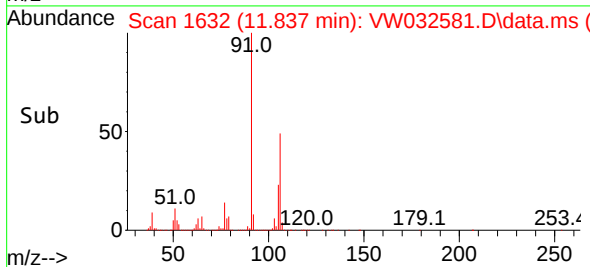
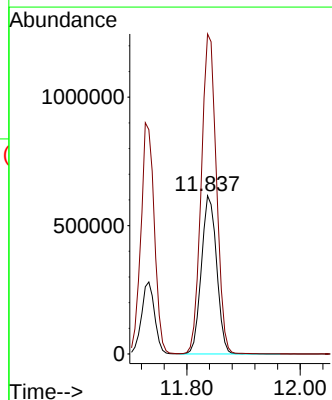
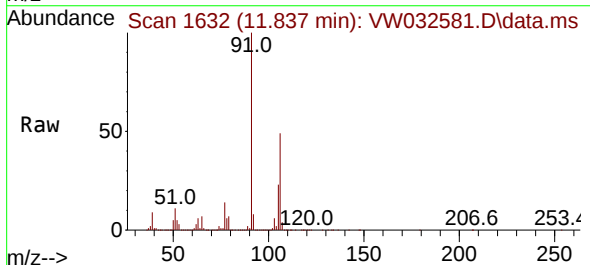
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

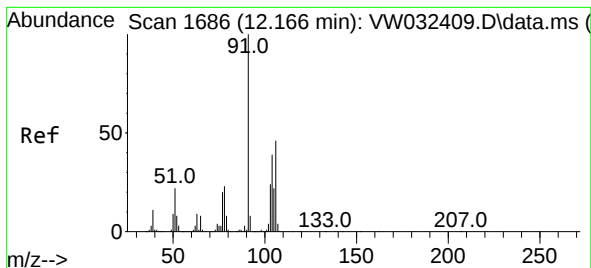
Tgt Ion: 91 Resp: 1476558
Ion Ratio Lower Upper
91 100
106 29.1 23.0 34.6



#68
m/p-Xylenes
Concen: 128.429 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion:106 Resp: 1149185
Ion Ratio Lower Upper
106 100
91 200.8 163.3 244.9

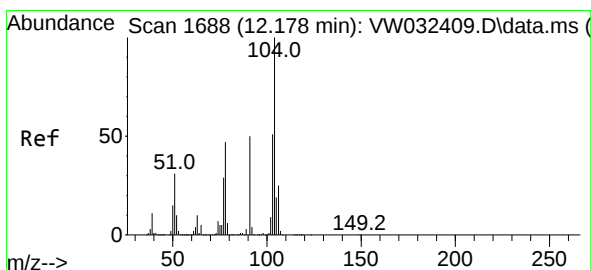
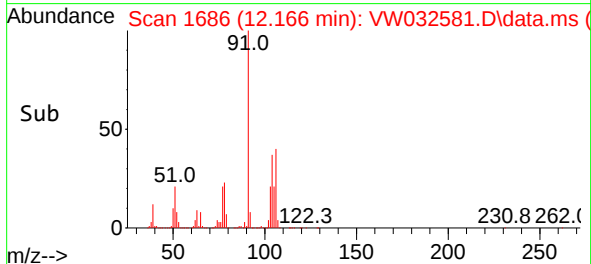
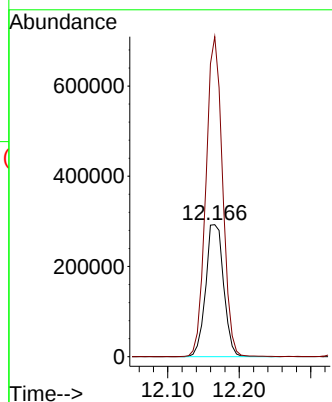
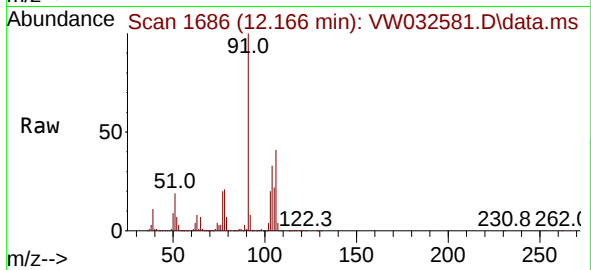




#69
o-Xylene
Concen: 62.131 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

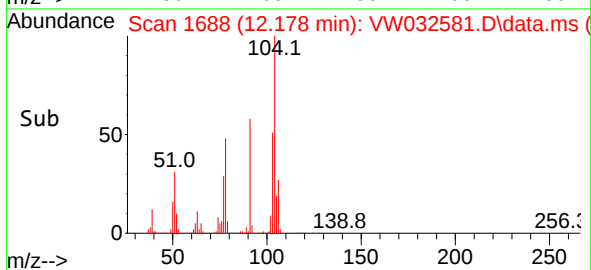
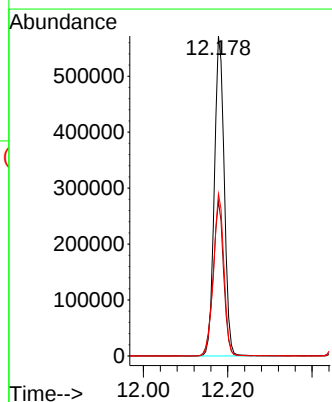
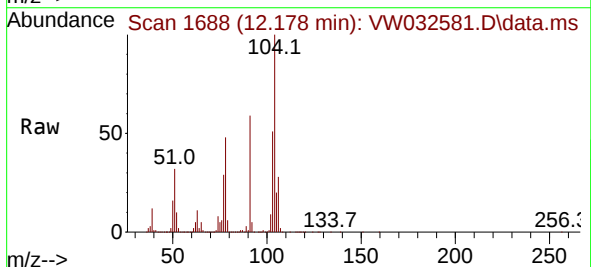
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

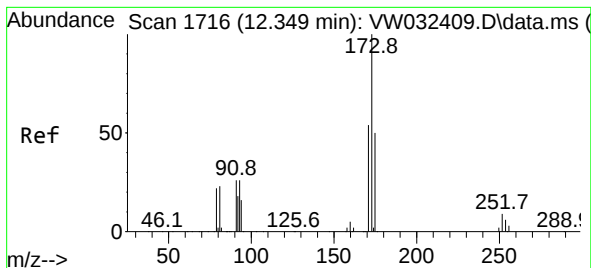
Tgt Ion:106 Resp: 509141
Ion Ratio Lower Upper
106 100
91 225.3 104.1 312.3



#70
Styrene
Concen: 65.028 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion:104 Resp: 934726
Ion Ratio Lower Upper
104 100
78 51.1 40.8 61.2
103 53.4 43.3 64.9





#71

Bromoform

Concen: 63.624 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

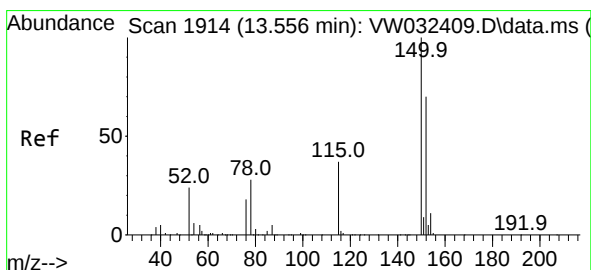
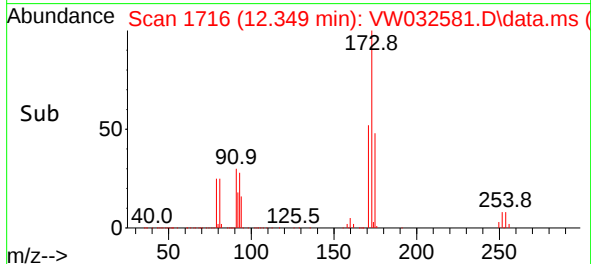
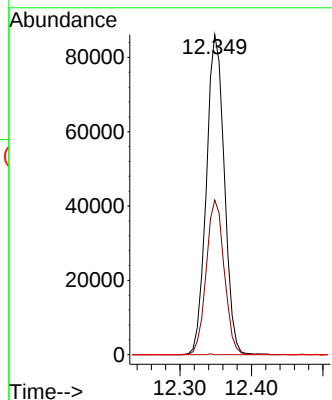
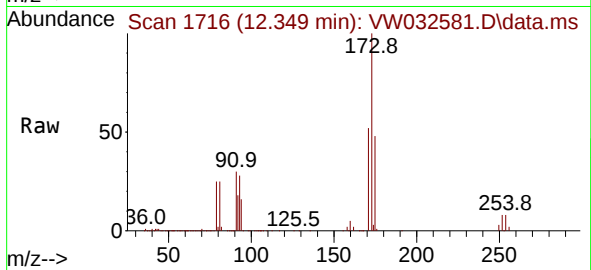
Tgt Ion:173 Resp: 150048

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

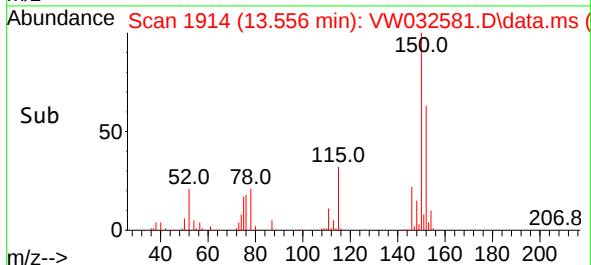
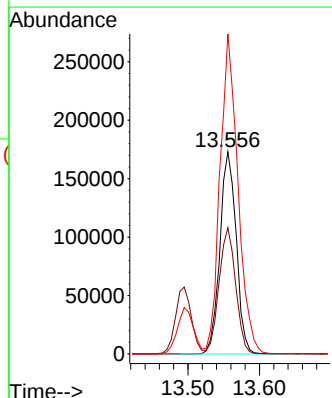
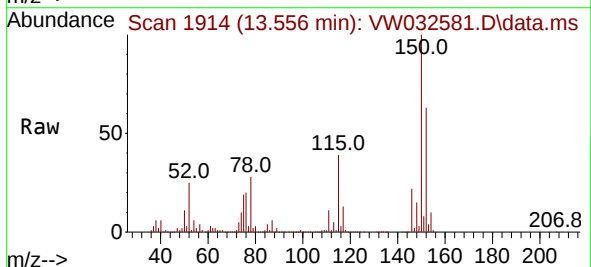
Tgt Ion:152 Resp: 274241

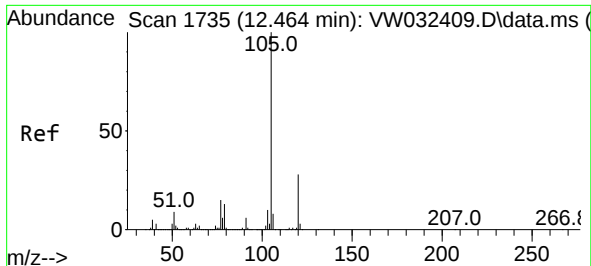
Ion Ratio Lower Upper

152 100

115 63.0 31.1 93.3

150 173.9 0.0 351.2

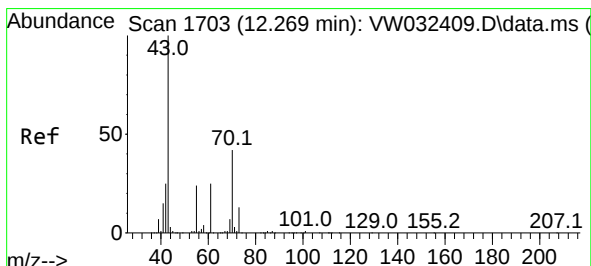
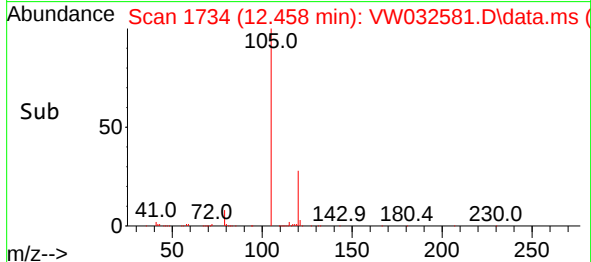
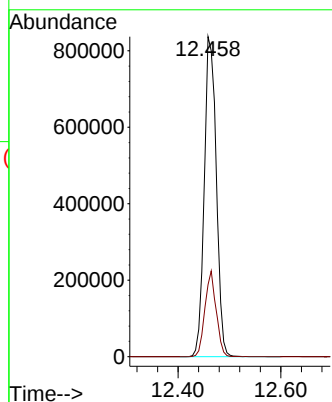
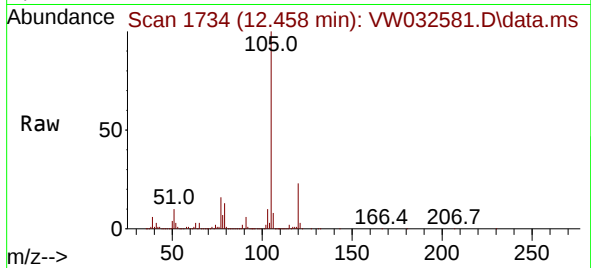




#73
Isopropylbenzene
Concen: 66.635 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

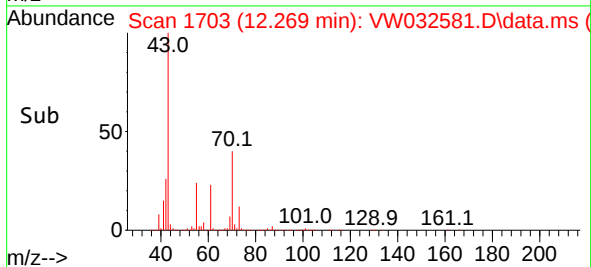
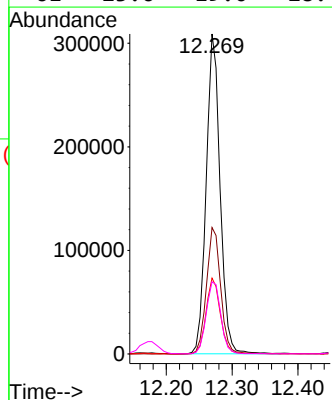
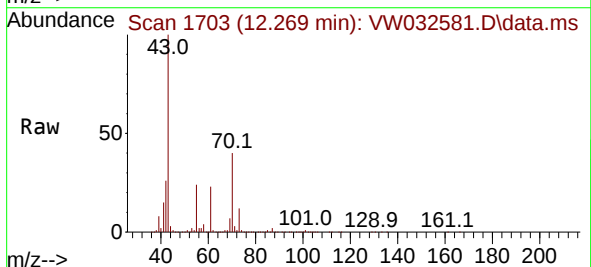
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

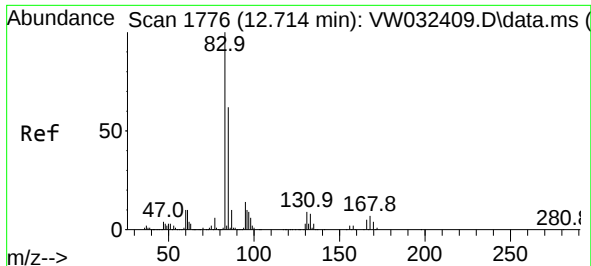
Tgt Ion:105 Resp: 1355597
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4



#74
N-ethyl acetate
Concen: 67.381 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 43 Resp: 453748
Ion Ratio Lower Upper
43 100
70 40.6 32.6 48.8
55 24.7 19.7 29.5
61 23.6 19.0 28.4

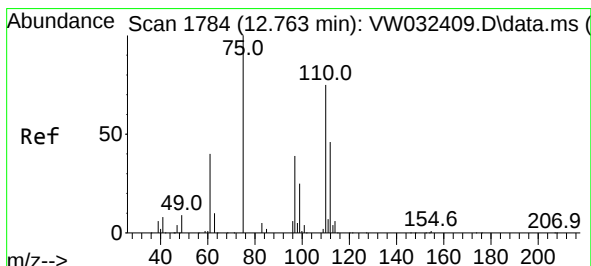
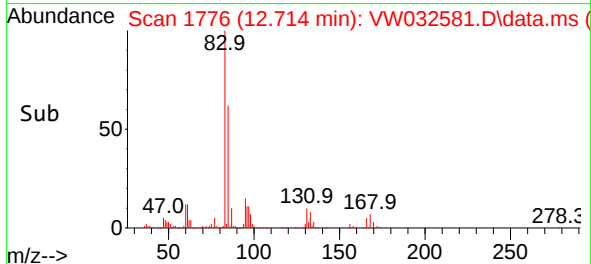
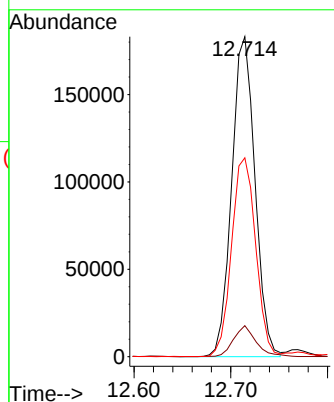
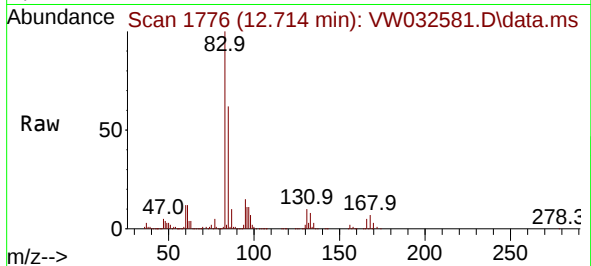




#75
1,1,2,2-Tetrachloroethane
Concen: 64.017 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

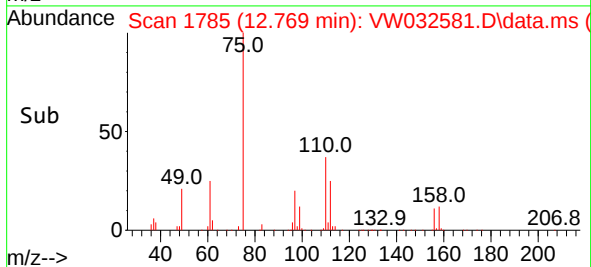
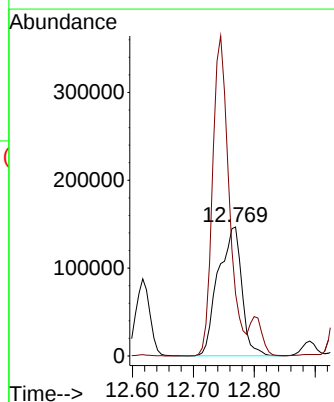
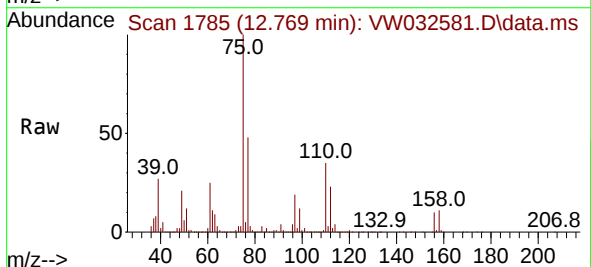
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

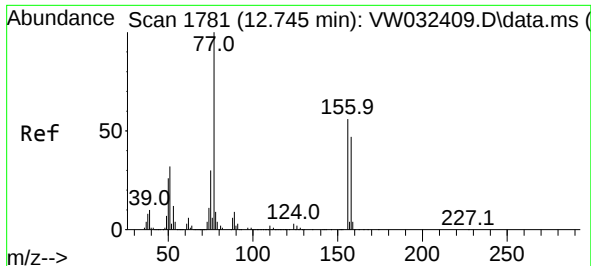
Tgt Ion: 83 Resp: 306572
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.4 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 106.332 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 75 Resp: 394590
Ion Ratio Lower Upper
75 100
77 0.0 148.2 444.4#

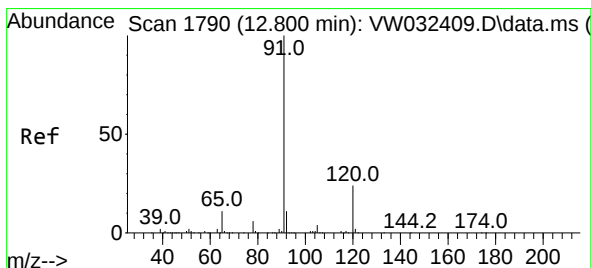
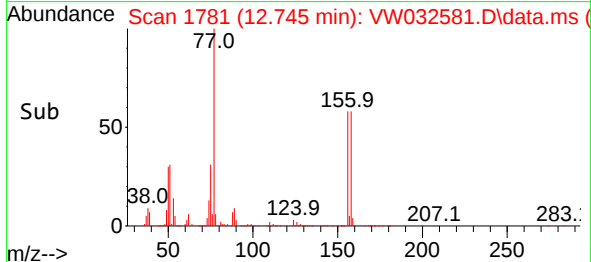
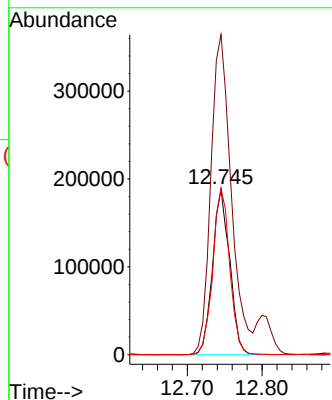
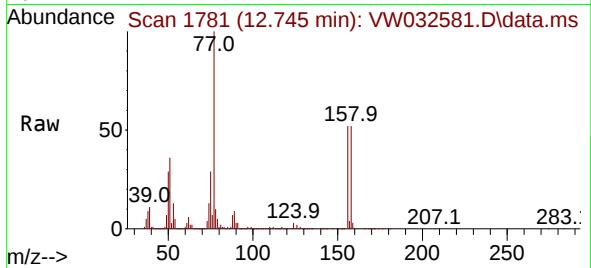




#77
Bromobenzene
Concen: 62.430 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

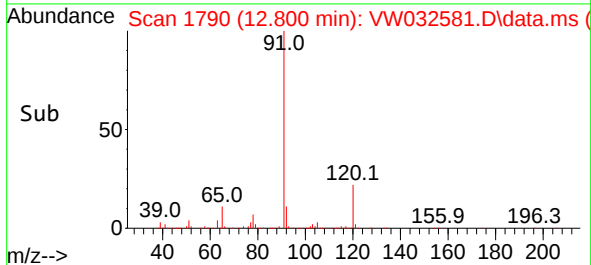
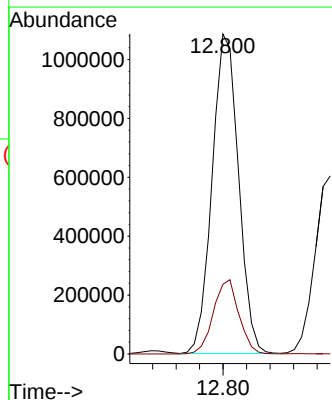
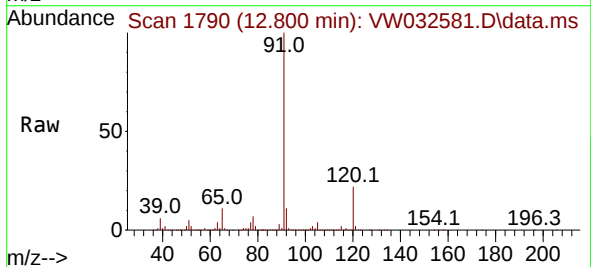
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

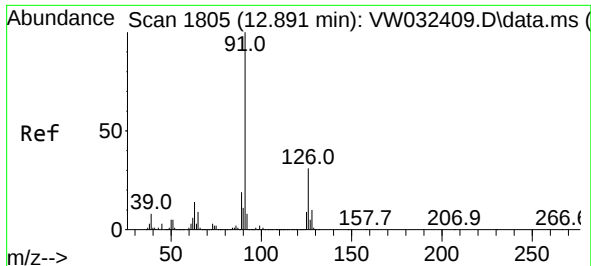
Tgt Ion:156 Resp: 300221
Ion Ratio Lower Upper
156 100
77 229.7 115.9 347.7
158 99.2 50.7 152.1



#78
n-propylbenzene
Concen: 65.406 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 91 Resp: 1697528
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4

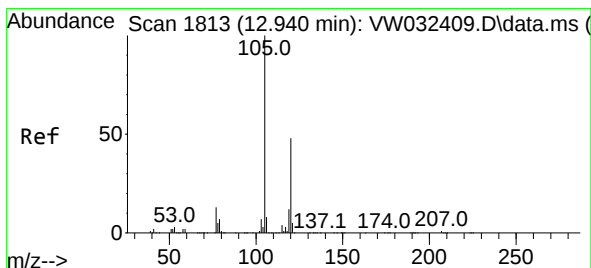
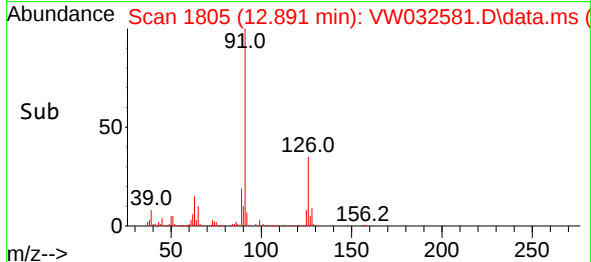
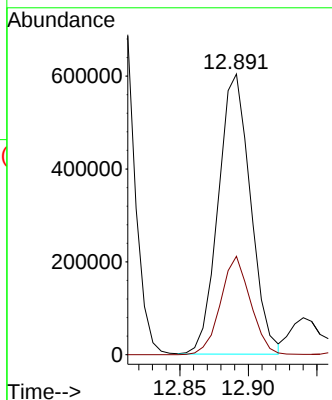
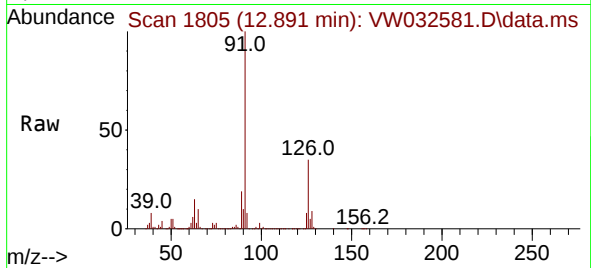




#79
2-Chlorotoluene
Concen: 63.873 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

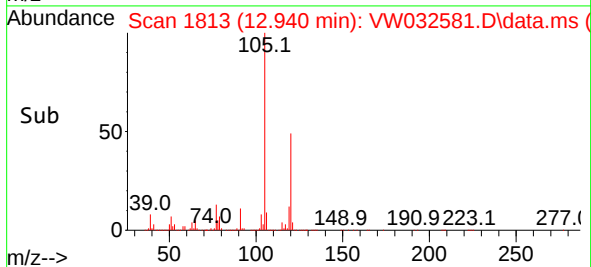
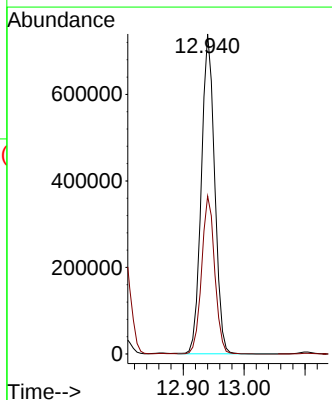
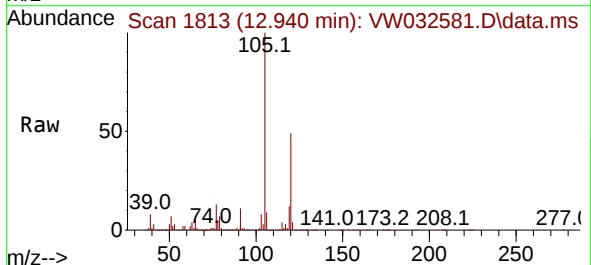
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

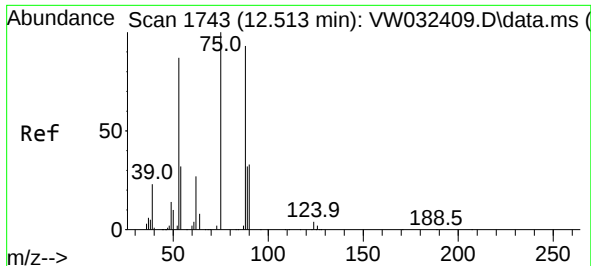
Tgt Ion: 91 Resp: 988386
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 64.700 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 105 Resp: 1123083
Ion Ratio Lower Upper
105 100
120 48.4 23.8 71.4

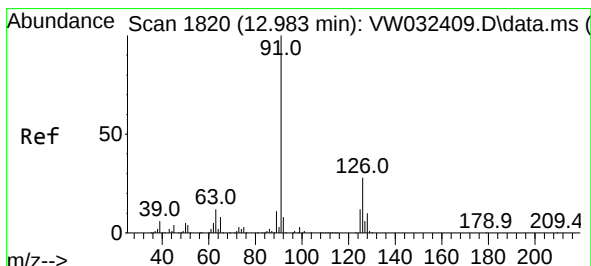
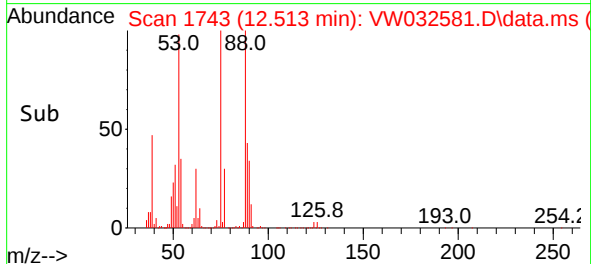
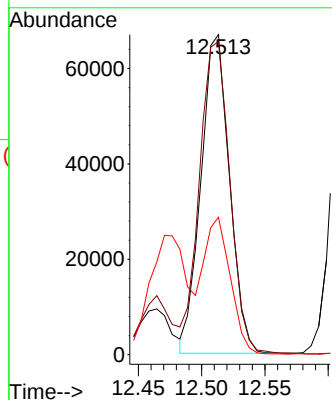
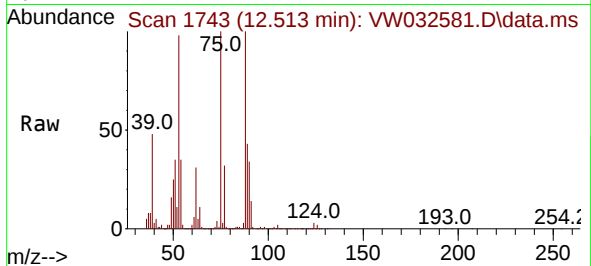




#81
trans-1,4-Dichloro-2-butene
Concen: 66.554 ug/l
RT: 12.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

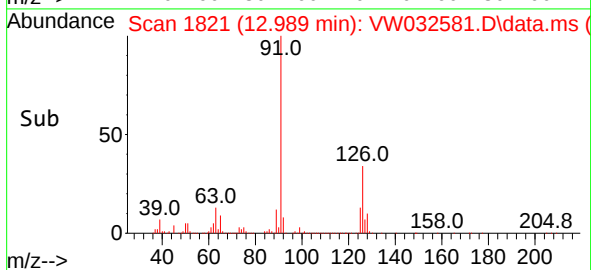
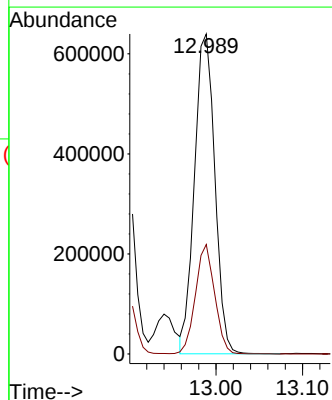
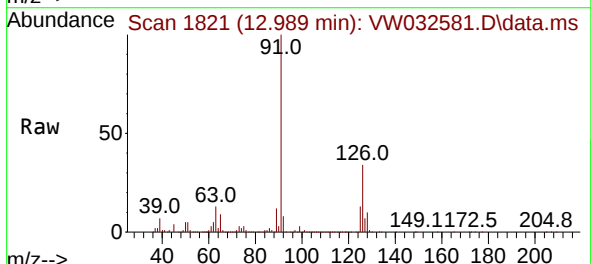
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

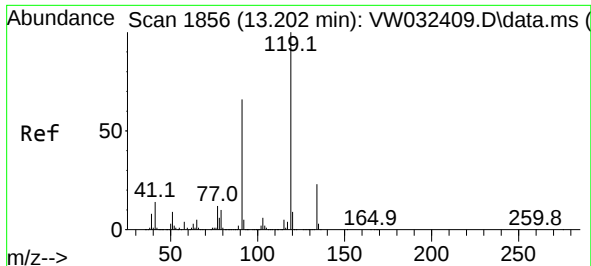
Tgt Ion: 75 Resp: 105007
Ion Ratio Lower Upper
75 100
53 104.4 80.8 121.2
89 39.7 31.4 47.2



#82
4-Chlorotoluene
Concen: 62.965 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 91 Resp: 1042046
Ion Ratio Lower Upper
91 100
126 32.3 15.6 46.7

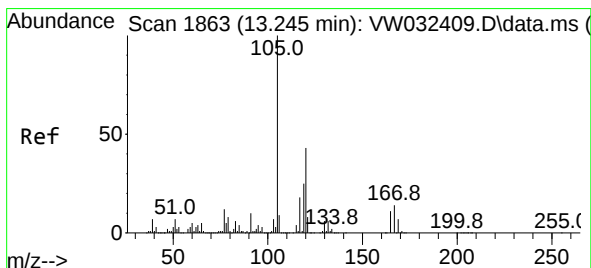
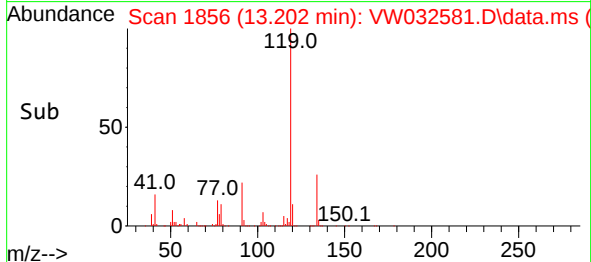
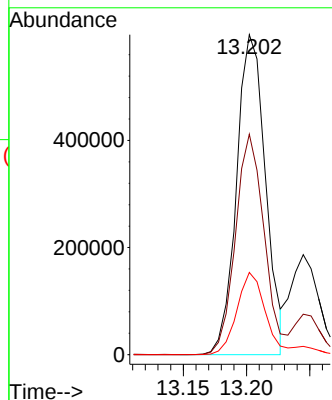
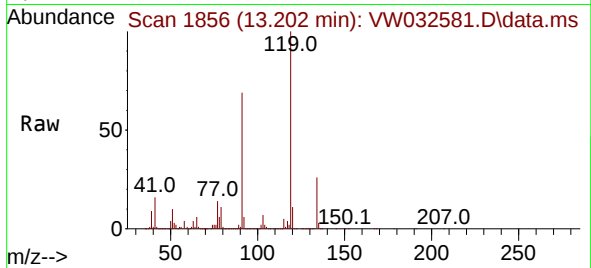




#83
tert-Butylbenzene
Concen: 66.496 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

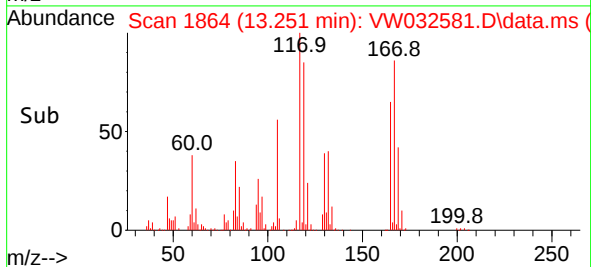
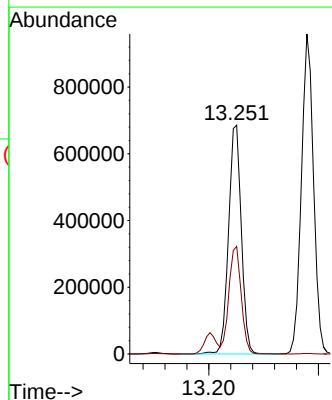
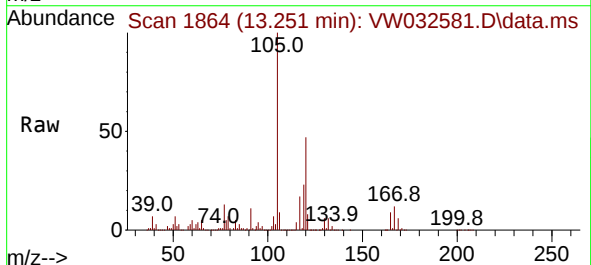
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

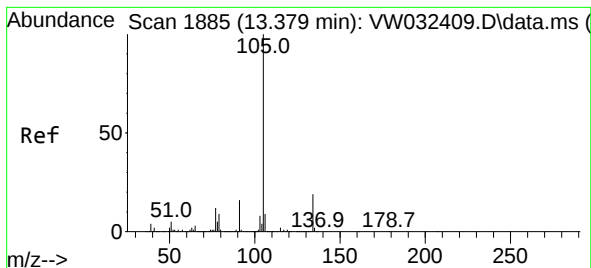
Tgt Ion:119 Resp: 951968
Ion Ratio Lower Upper
119 100
91 68.8 34.6 103.9
134 25.1 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 63.682 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion:105 Resp: 1104215
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1

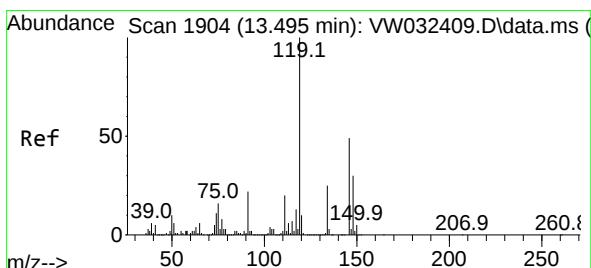
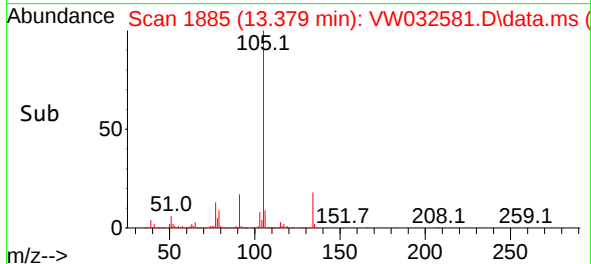
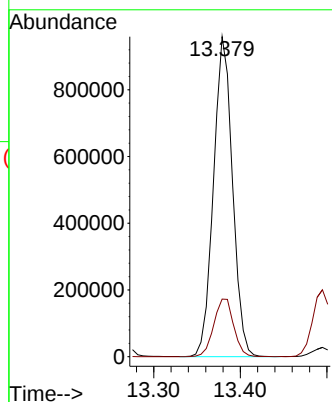
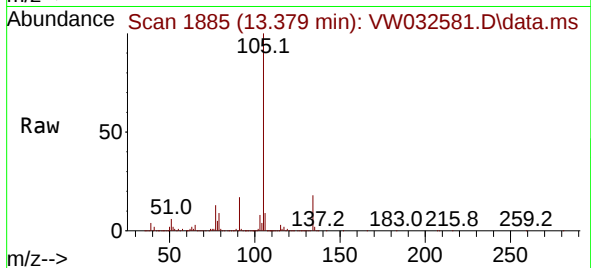




#85
 sec-Butylbenzene
 Concen: 66.206 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

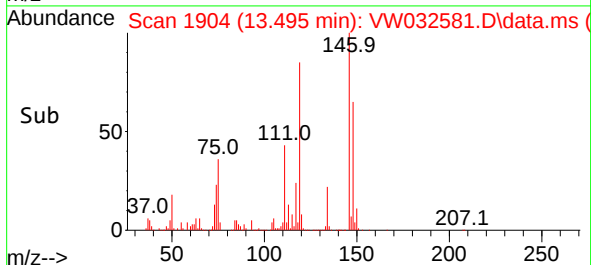
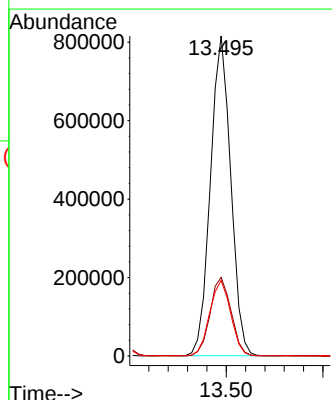
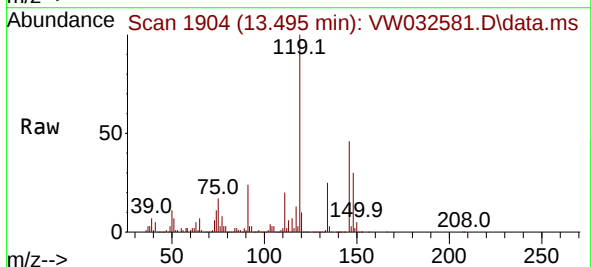
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1461911
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 65.478 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032581.D
 Acq: 05 Dec 2025 15:51

Tgt Ion:119 Resp: 1190831
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 38.9
 91 24.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 61.501 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

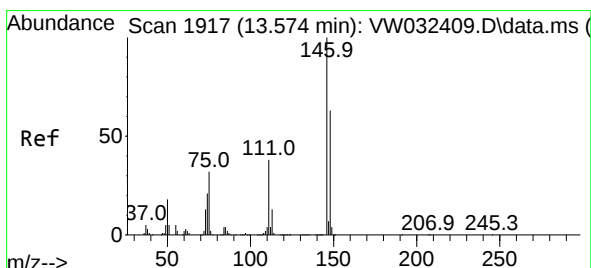
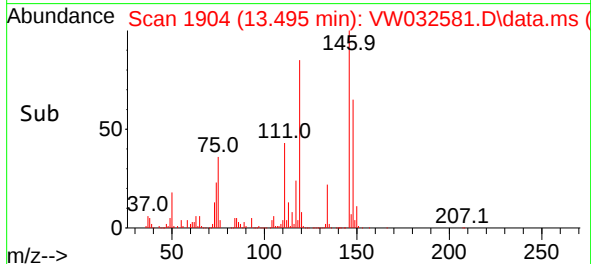
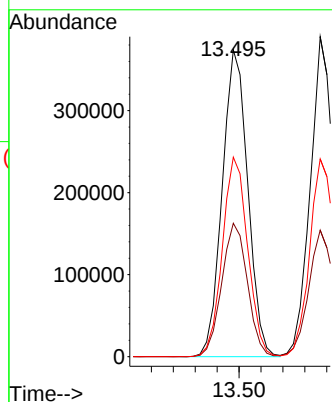
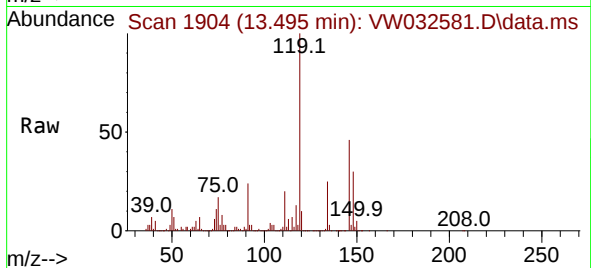
Tgt Ion:146 Resp: 604708

Ion Ratio Lower Upper

146 100

111 43.7 21.6 64.6

148 64.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 60.960 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

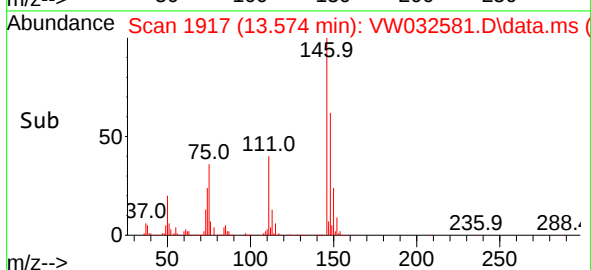
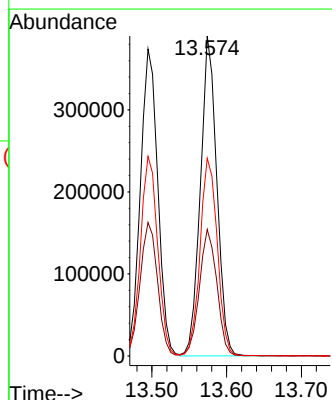
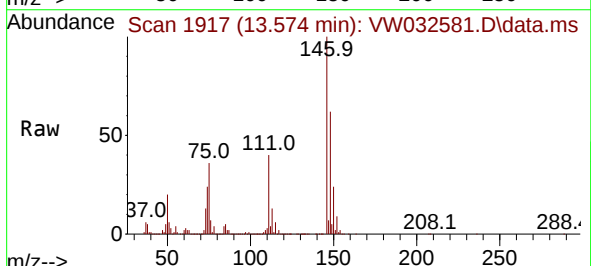
Tgt Ion:146 Resp: 594934

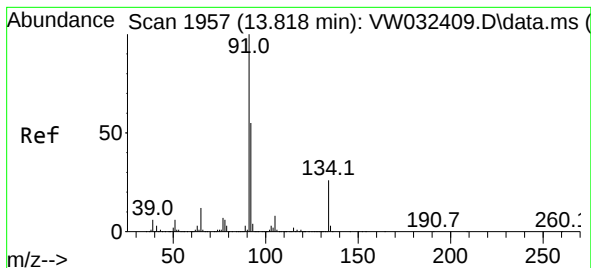
Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.5

148 64.8 31.4 94.3





#89

n-Butylbenzene

Concen: 64.423 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

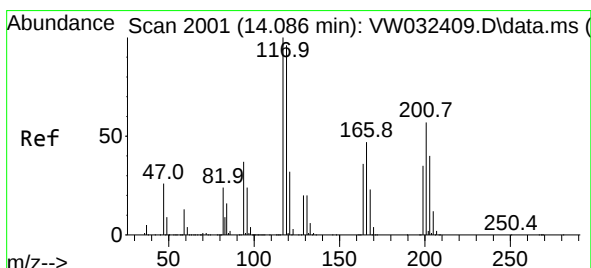
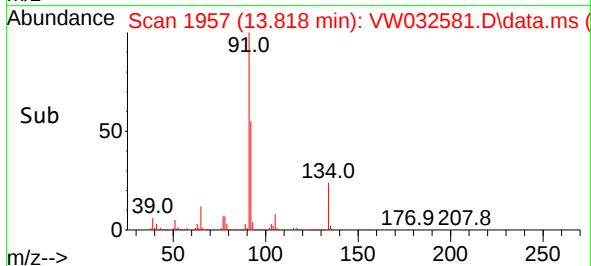
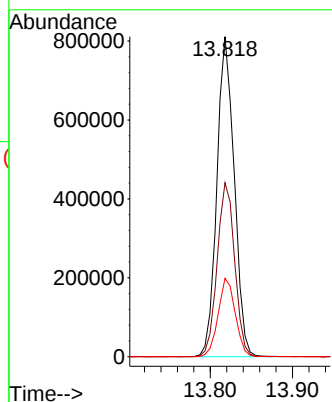
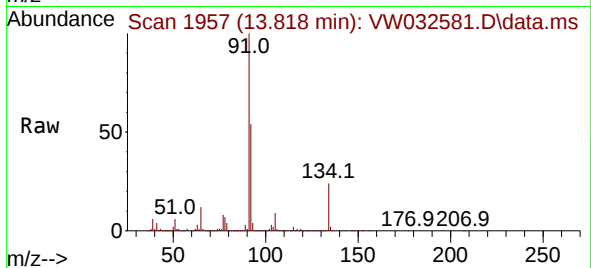
Tgt Ion: 91 Resp: 1189838

Ion Ratio Lower Upper

91 100

92 54.8 27.1 81.3

134 24.2 12.4 37.0



#90

Hexachloroethane

Concen: 61.646 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032581.D

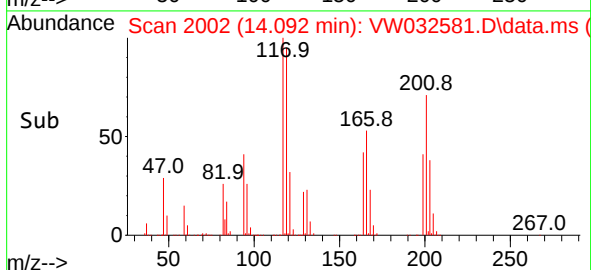
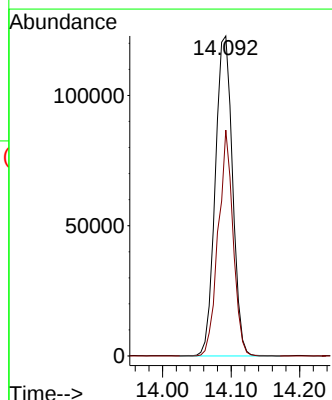
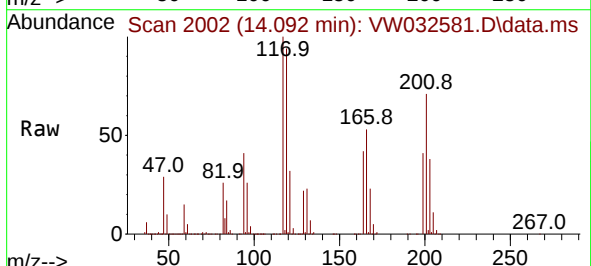
Acq: 05 Dec 2025 15:51

Tgt Ion: 117 Resp: 214726

Ion Ratio Lower Upper

117 100

201 60.6 29.5 88.6

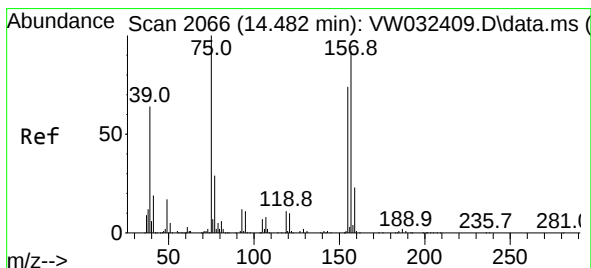
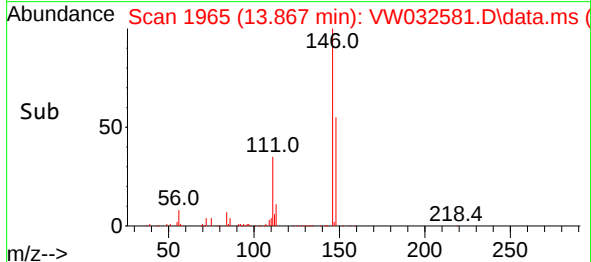
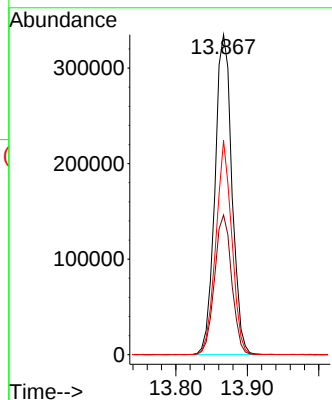
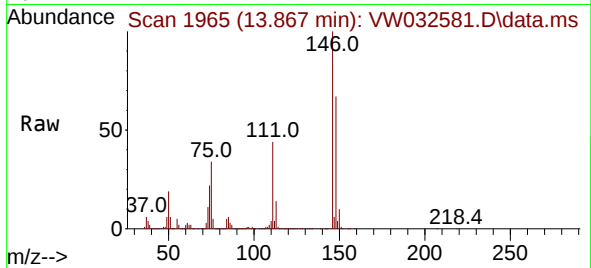




#91
1,2-Dichlorobenzene
Concen: 63.992 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

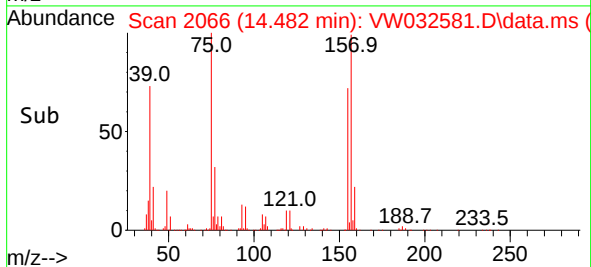
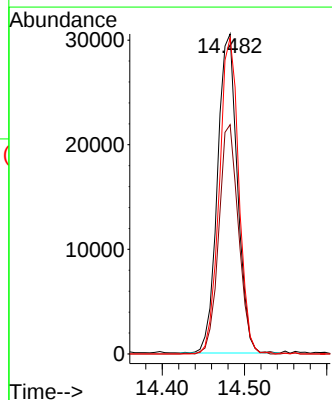
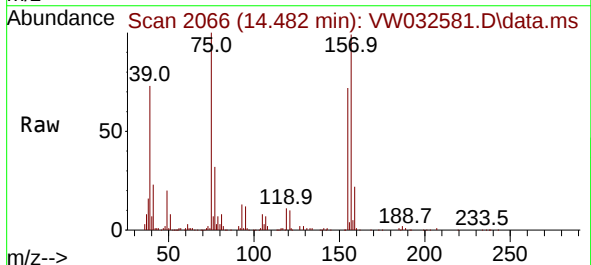
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 551911
Ion Ratio Lower Upper
146 100
111 44.0 22.8 68.3
148 62.6 32.6 97.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 62.357 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032581.D
Acq: 05 Dec 2025 15:51

Tgt Ion: 75 Resp: 51488
Ion Ratio Lower Upper
75 100
155 71.0 34.6 103.9
157 96.8 44.4 133.2





#93

1,2,4-Trichlorobenzene

Concen: 63.877 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

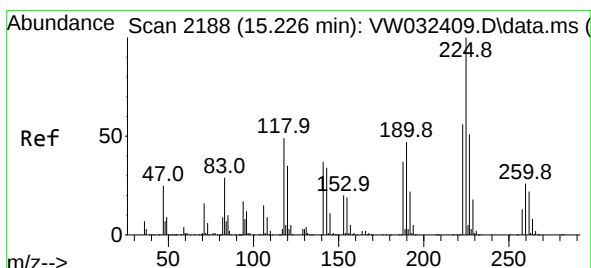
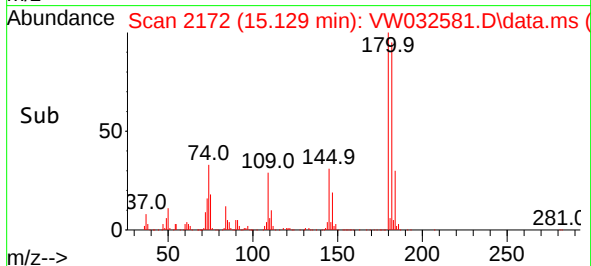
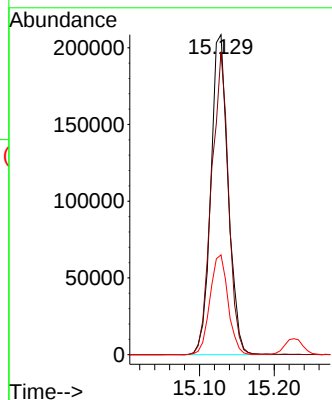
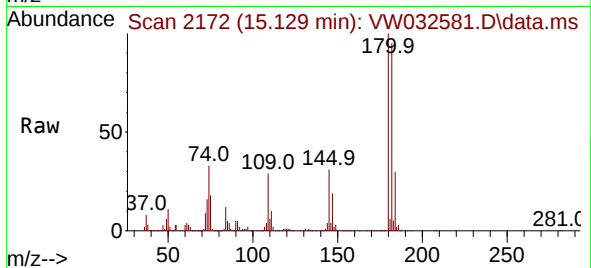
Tgt Ion:180 Resp: 335535

Ion Ratio Lower Upper

180 100

182 92.8 48.1 144.3

145 32.6 17.1 51.3



#94

Hexachlorobutadiene

Concen: 61.938 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

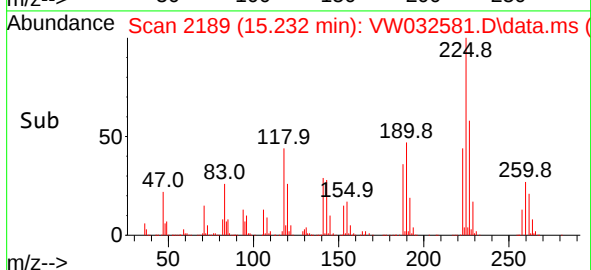
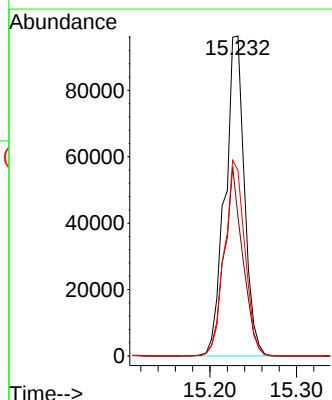
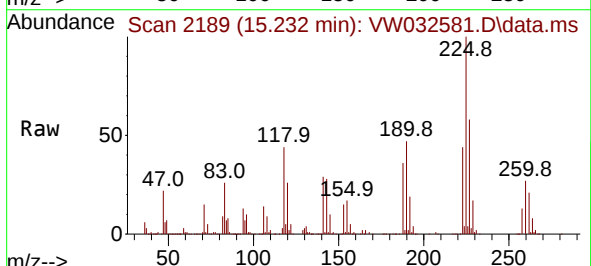
Tgt Ion:225 Resp: 149758

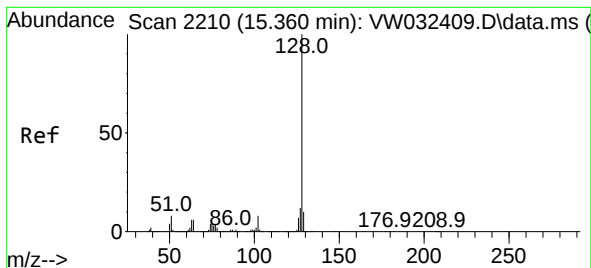
Ion Ratio Lower Upper

225 100

223 56.7 30.3 91.0

227 64.0 30.7 92.1





#95

Naphthalene

Concen: 69.841 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

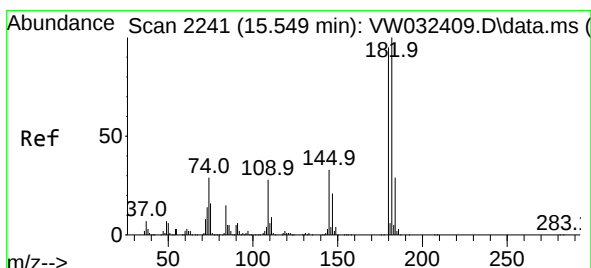
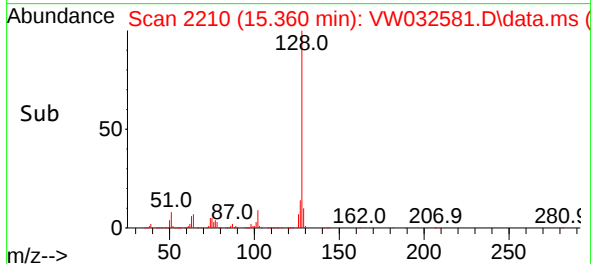
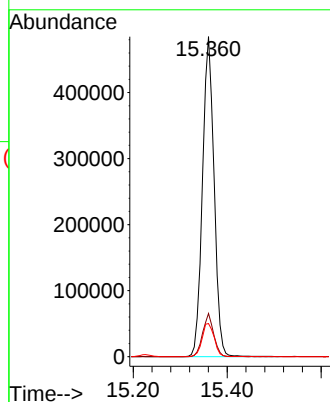
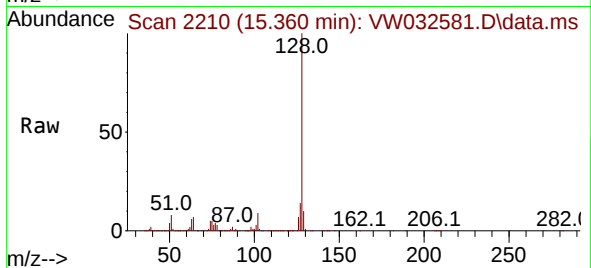
Tgt Ion:128 Resp: 829554

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 64.358 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032581.D

Acq: 05 Dec 2025 15:51

Tgt Ion:180 Resp: 307115

Ion Ratio Lower Upper

180 100

182 92.0 48.0 144.2

145 35.5 17.8 53.4

