

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
 Data File : VX048719.D
 Acq On : 04 Dec 2025 10:38
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 05 02:10:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 02:05:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	161225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	266084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103615	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	336173	155.353	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	310.700%#
35) Dibromofluoromethane	5.373	113	284768	155.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	310.860%#
50) Toluene-d8	8.635	98	980276	152.642	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	305.280%#
62) 4-Bromofluorobenzene	11.061	95	311931	140.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	281.720%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	260977	158.870	ug/l	99
3) Chloromethane	1.301	50	321280	154.990	ug/l	99
4) Vinyl Chloride	1.380	62	340742	154.345	ug/l	99
5) Bromomethane	1.605	94	163576	119.898	ug/l	100
6) Chloroethane	1.685	64	203254	147.930	ug/l	98
7) Trichlorofluoromethane	1.892	101	488765	154.472	ug/l	97
8) Diethyl Ether	2.136	74	189537	150.080	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	282907	154.231	ug/l	99
10) Methyl Iodide	2.453	142	431805	165.355	ug/l	100
11) Tert butyl alcohol	2.977	59	236315	676.410	ug/l	100
12) 1,1-Dichloroethene	2.325	96	289225	154.488	ug/l	97
13) Acrolein	2.233	56	287608	755.796	ug/l	99
14) Allyl chloride	2.666	41	386590	122.993	ug/l	96
15) Acrylonitrile	3.056	53	695550	638.935	ug/l	99
16) Acetone	2.373	43	617325	745.203	ug/l	99
17) Carbon Disulfide	2.514	76	813894	149.701	ug/l	99
18) Methyl Acetate	2.697	43	290410	124.598	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	820601	134.683	ug/l	97
20) Methylene Chloride	2.788	84	258488	124.837	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	253511	132.675	ug/l	93
22) Diisopropyl ether	3.751	45	760942	129.535	ug/l	98
23) Vinyl Acetate	3.715	43	3401948	689.215	ug/l	100
24) 1,1-Dichloroethane	3.605	63	441859	134.884	ug/l	99
25) 2-Butanone	4.544	43	831570	680.145	ug/l	100
26) 2,2-Dichloropropane	4.471	77	405592	139.930	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	304797	141.360	ug/l	100
28) Bromochloromethane	4.891	49	233635	145.511	ug/l	95
29) Tetrahydrofuran	4.983	42	740891	793.604	ug/l	96
30) Chloroform	5.080	83	542284	154.495	ug/l	99
31) Cyclohexane	5.464	56	457324	156.365	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	494982	157.387	ug/l	98
36) 1,1-Dichloropropene	5.684	75	374749	149.343	ug/l	99
37) Ethyl Acetate	4.696	43	374331	124.844	ug/l	97
38) Carbon Tetrachloride	5.666	117	429152	150.987	ug/l	97
39) Methylcyclohexane	7.367	83	475877	160.380	ug/l	99
40) Benzene	6.025	78	1152810	154.974	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	210934	154.617	ug/l	99
42) 1,2-Dichloroethane	6.074	62	400347	152.058	ug/l	98
43) Isopropyl Acetate	6.324	43	726750	160.070	ug/l	99
44) Trichloroethene	7.110	130	308803	159.098	ug/l	99
45) 1,2-Dichloropropane	7.415	63	287426	154.593	ug/l	99
46) Dibromomethane	7.568	93	216552	153.589	ug/l	98
47) Bromodichloromethane	7.805	83	440047	149.695	ug/l	97
48) Methyl methacrylate	7.677	41	361697	158.368	ug/l	99
49) 1,4-Dioxane	7.653	88	102268	3255.837	ug/l	96
51) 4-Methyl-2-Pentanone	8.561	43	2202246	781.463	ug/l	99
52) Toluene	8.702	92	709062	158.073	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	463456	165.721	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	489309	162.802	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	277366	153.680	ug/l	98
56) Ethyl methacrylate	9.104	69	481264	170.358	ug/l	97
57) 1,3-Dichloropropane	9.293	76	462553	154.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	1324521	867.473	ug/l	99
59) 2-Hexanone	9.415	43	1628603	823.253	ug/l	99
60) Dibromochloromethane	9.506	129	344385	154.312	ug/l	99
61) 1,2-Dibromoethane	9.592	107	296681	151.881	ug/l	99
64) Tetrachloroethene	9.256	164	249690	168.852	ug/l	99
65) Chlorobenzene	10.061	112	677420	152.550	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	249387	157.014	ug/l	99
67) Ethyl Benzene	10.177	91	1156627	159.619	ug/l	99
68) m/p-Xylenes	10.287	106	895563	317.279	ug/l	97
69) o-Xylene	10.622	106	433369	163.848	ug/l	97
70) Styrene	10.640	104	744510	163.967	ug/l	99
71) Bromoform	10.781	173	240629	169.697	ug/l	100
73) Isopropylbenzene	10.945	105	1114762	159.651	ug/l	100
74) N-amyl acetate	10.829	43	488735	161.092	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	363135	154.132	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	432691	217.654	ug/l	75
77) Bromobenzene	11.183	156	299915	160.928	ug/l	95
78) n-propylbenzene	11.287	91	1284705	158.861	ug/l	98
79) 2-Chlorotoluene	11.348	91	774892	157.137	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	925692	161.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	138844	170.898	ug/l	86
82) 4-Chlorotoluene	11.439	91	912659	158.596	ug/l	98
83) tert-Butylbenzene	11.695	119	977059	163.836	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	944577	163.151	ug/l	99
85) sec-Butylbenzene	11.872	105	1158976	160.357	ug/l	98
86) p-Isopropyltoluene	11.994	119	1005907	162.823	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	545971	158.914	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	551782	155.418	ug/l	98
89) n-Butylbenzene	12.317	91	904369	156.349	ug/l	99
90) Hexachloroethane	12.518	117	223207	177.022	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	522301	156.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	103188	179.963	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	402548	182.988	ug/l	98
94) Hexachlorobutadiene	13.707	225	143127	157.291	ug/l	98
95) Naphthalene	13.756	128	1330400	150.662	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	373809	184.254	ug/l	99

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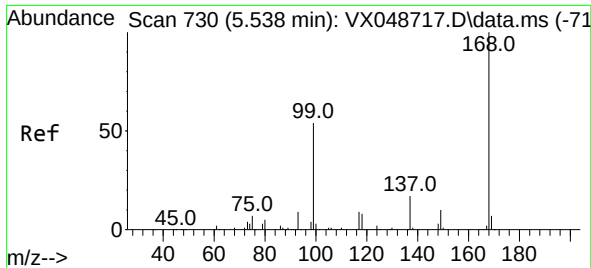
Quant Time: Dec 05 02:10:38 2025
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Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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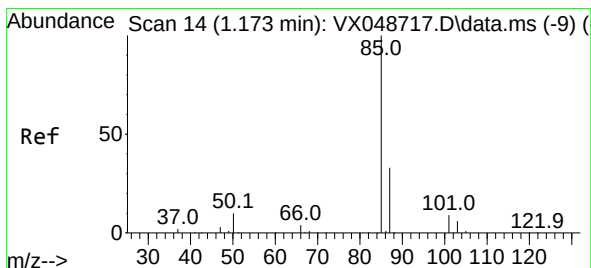
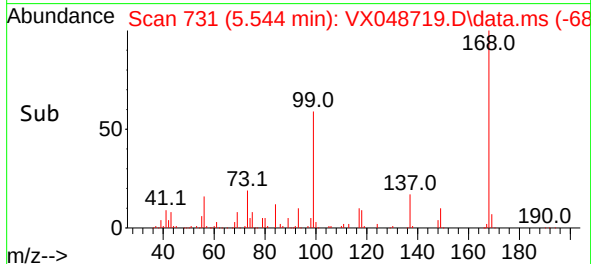
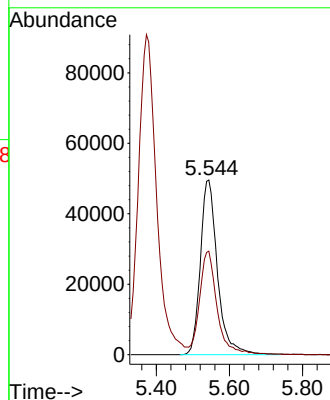
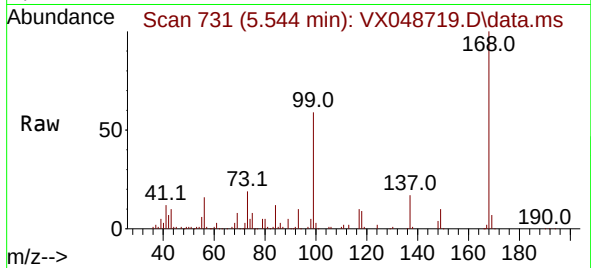




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
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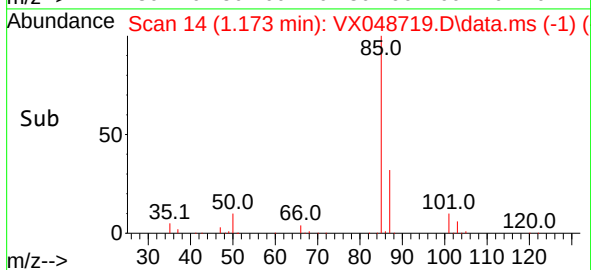
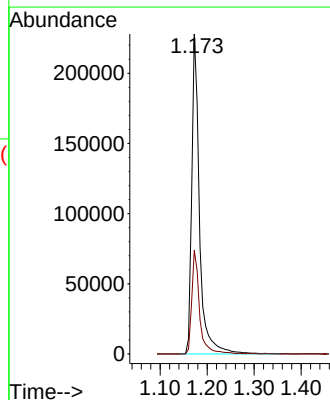
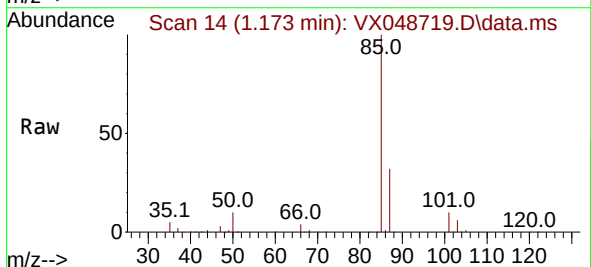
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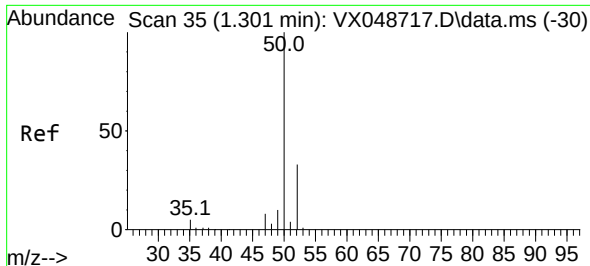
Tgt Ion:168 Resp: 161225
Ion Ratio Lower Upper
168 100
99 58.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 158.870 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 85 Resp: 260977
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.1

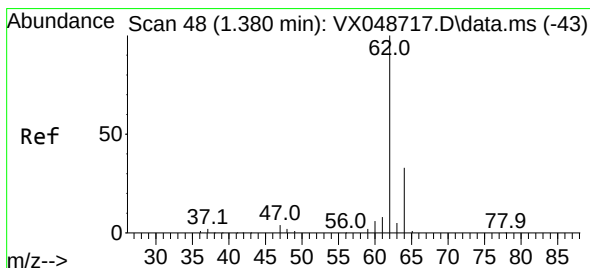
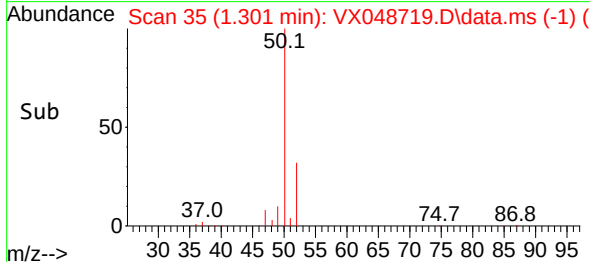
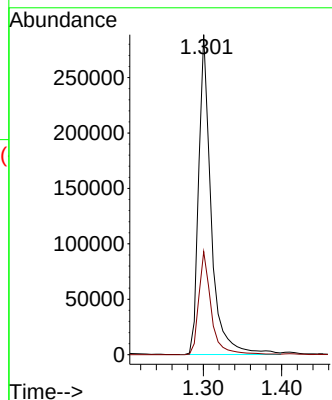
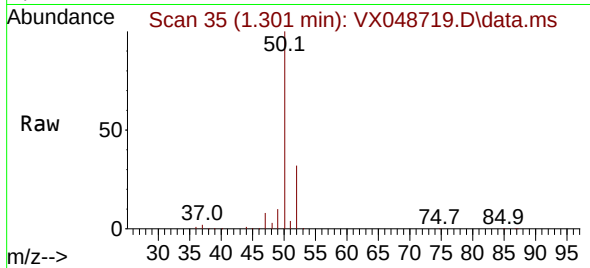




#3
Chloromethane
Concen: 154.990 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

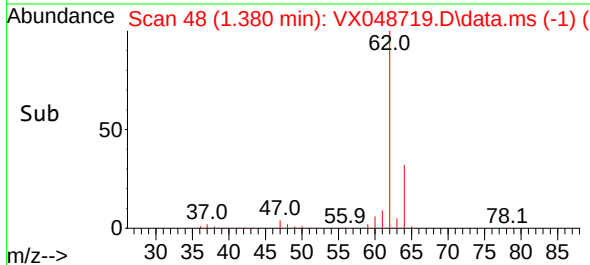
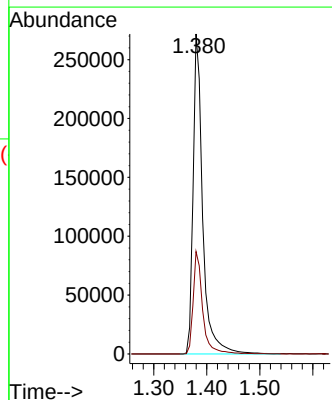
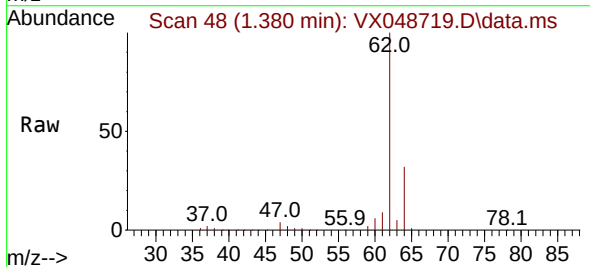
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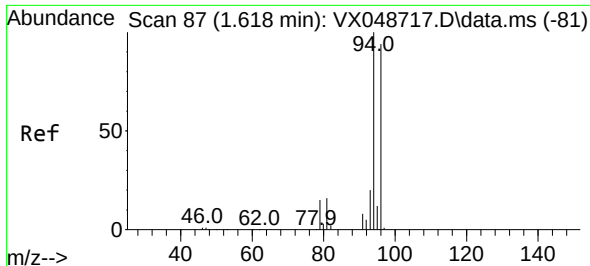
Tgt Ion: 50 Resp: 321280
Ion Ratio Lower Upper
50 100
52 32.2 26.4 39.6



#4
Vinyl Chloride
Concen: 154.345 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 62 Resp: 340742
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

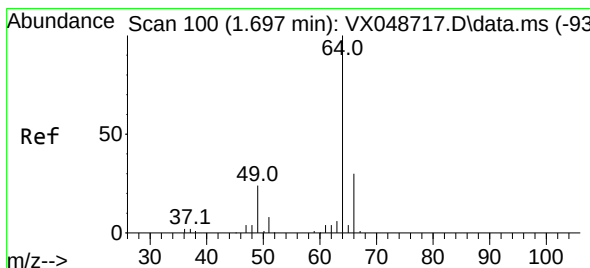
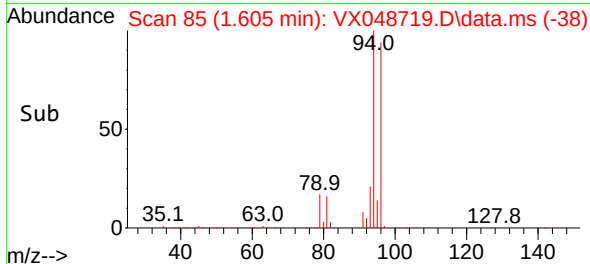
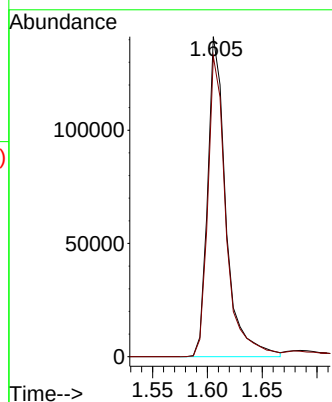
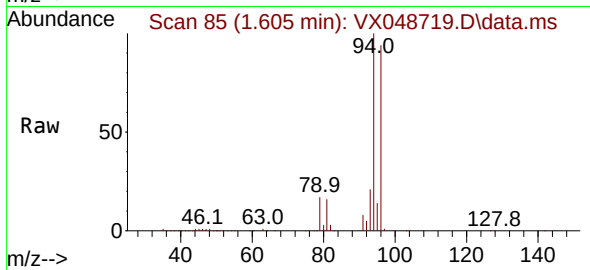




#5
Bromomethane
Concen: 119.898 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

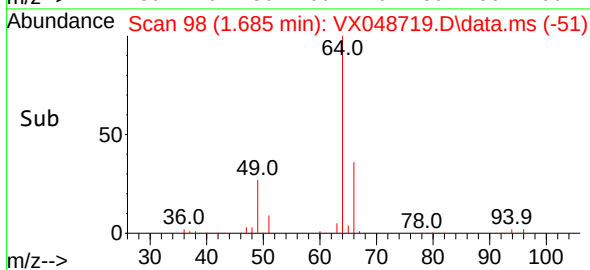
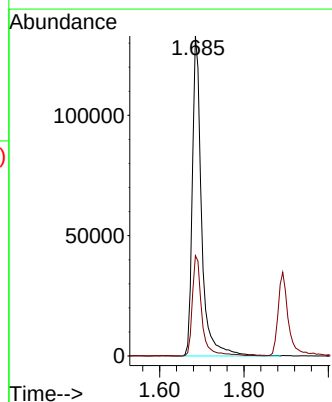
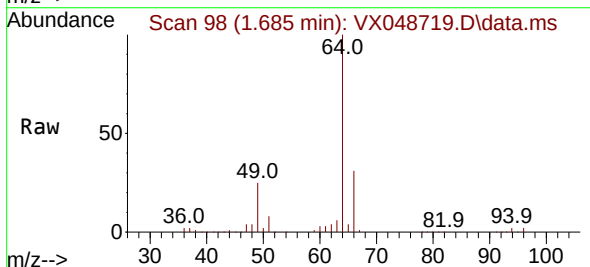
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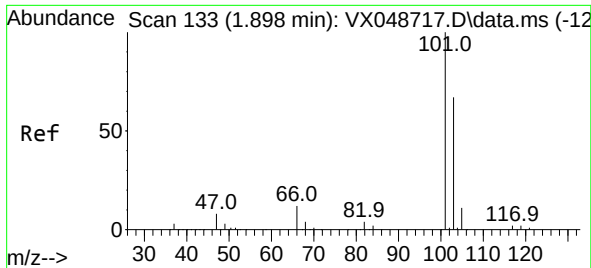
Tgt Ion: 94 Resp: 163576
Ion Ratio Lower Upper
94 100
96 93.8 75.2 112.8



#6
Chloroethane
Concen: 147.930 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 64 Resp: 203254
Ion Ratio Lower Upper
64 100
66 31.3 24.0 36.0

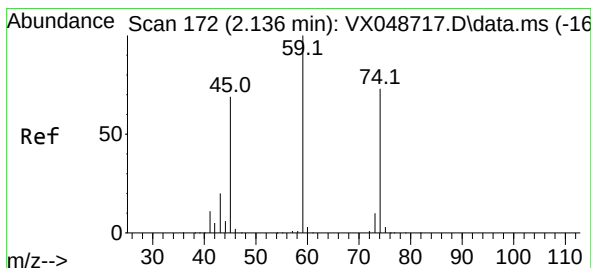
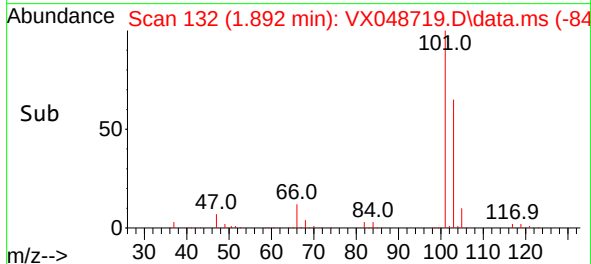
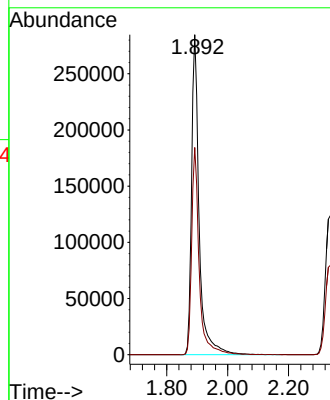
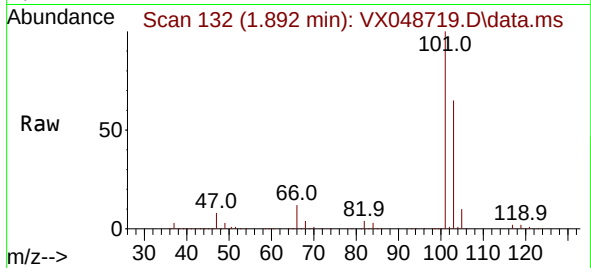




#7
Trichlorofluoromethane
Concen: 154.472 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048719.D
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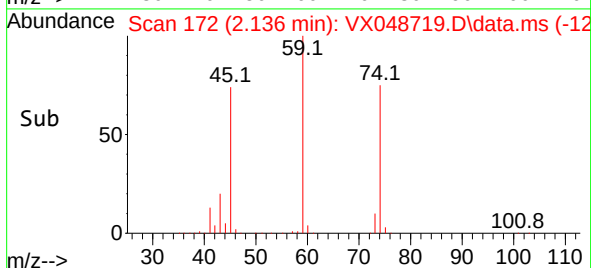
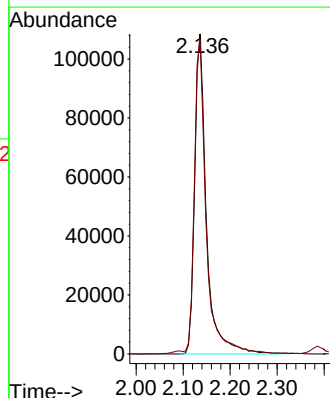
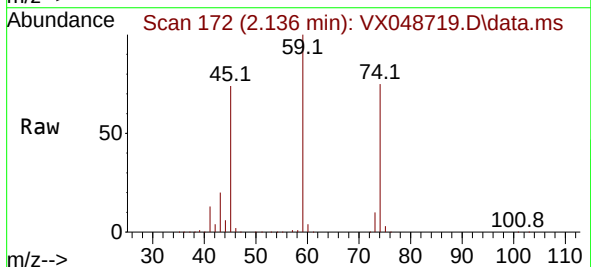
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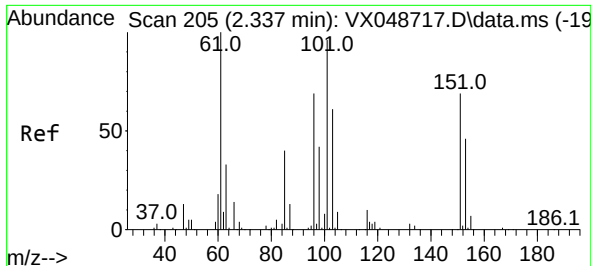
Tgt Ion:101 Resp: 488765
Ion Ratio Lower Upper
101 100
103 64.7 53.4 80.2



#8
Diethyl Ether
Concen: 150.080 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 74 Resp: 189537
Ion Ratio Lower Upper
74 100
45 100.2 48.9 146.8

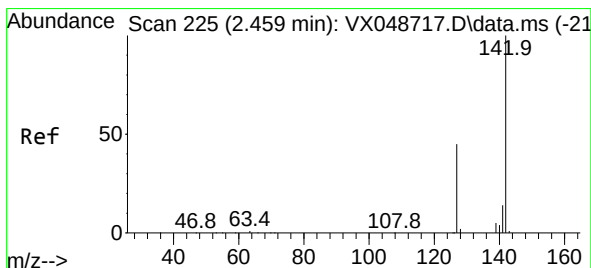
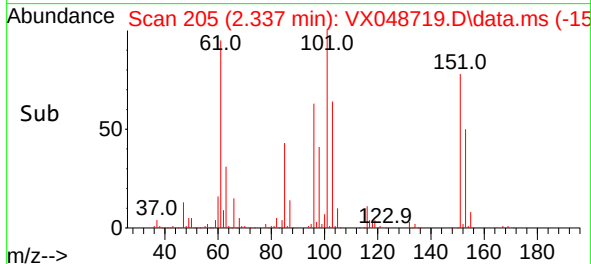
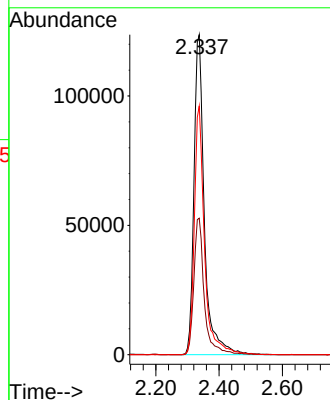
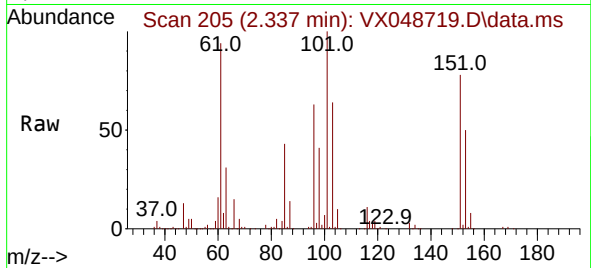




#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.231 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
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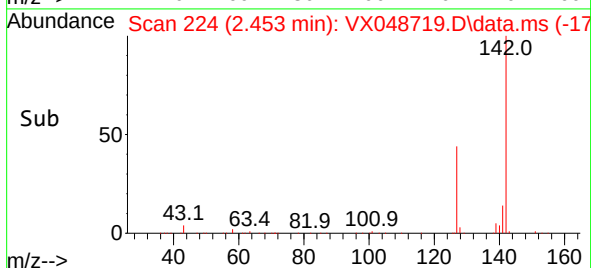
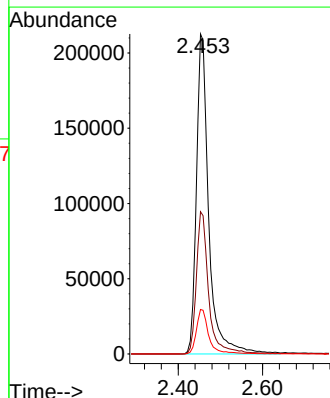
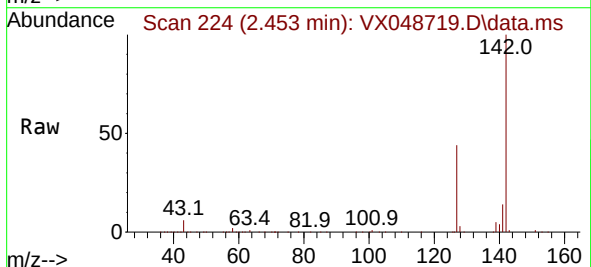
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

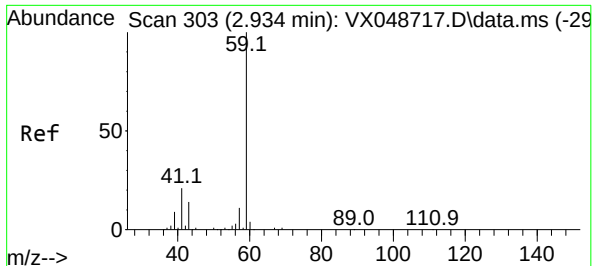
Tgt Ion:101 Resp: 282907
Ion Ratio Lower Upper
101 100
85 43.0 34.2 51.2
151 76.2 60.2 90.4



#10
Methyl Iodide
Concen: 165.355 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion:142 Resp: 431805
Ion Ratio Lower Upper
142 100
127 44.6 35.8 53.6
141 14.0 11.1 16.7

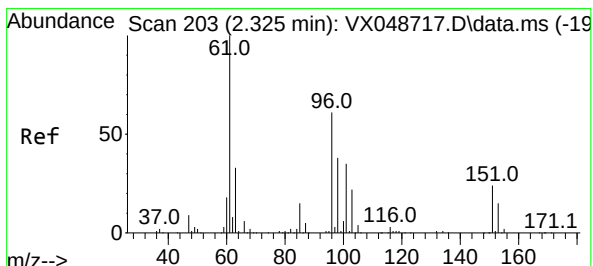
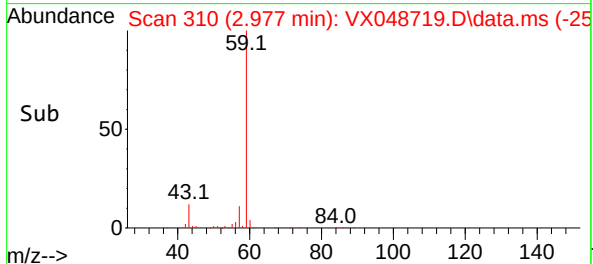
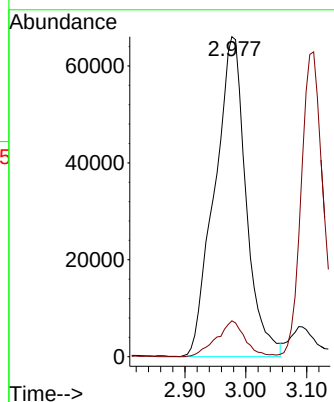
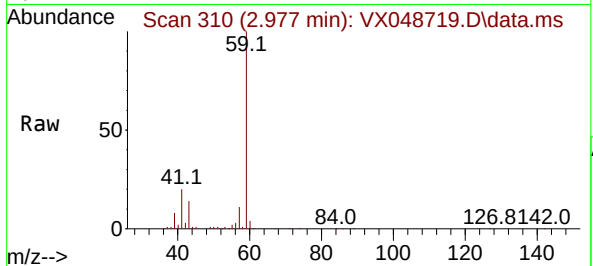




#11
Tert butyl alcohol
Concen: 676.410 ug/l
RT: 2.977 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

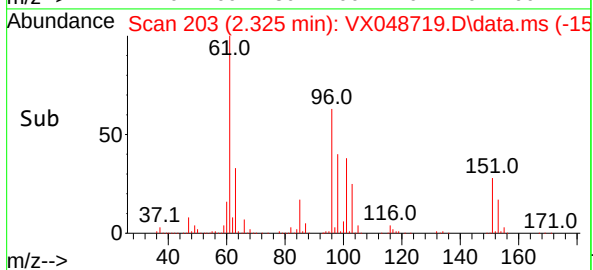
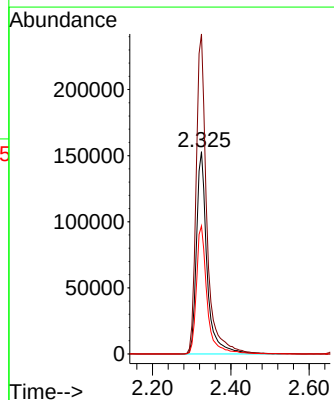
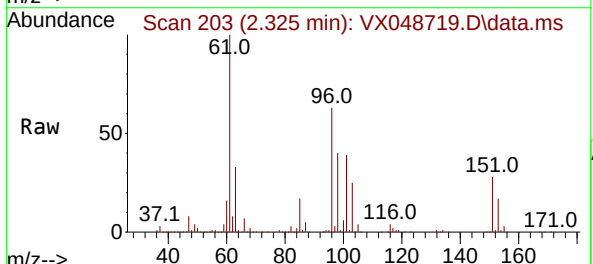
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

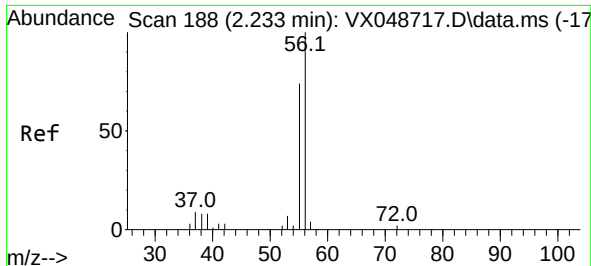
Tgt Ion: 59 Resp: 236315
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 154.488 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 96 Resp: 289225
Ion Ratio Lower Upper
96 100
61 158.2 130.7 196.1
98 63.3 49.8 74.8

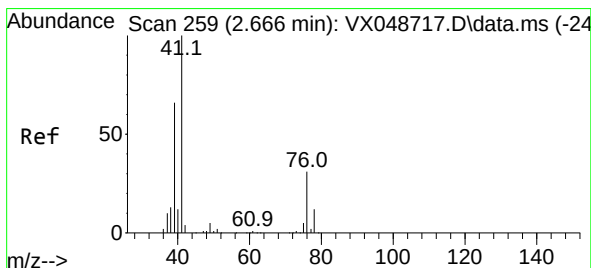
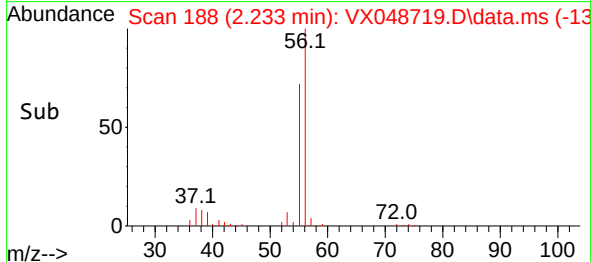
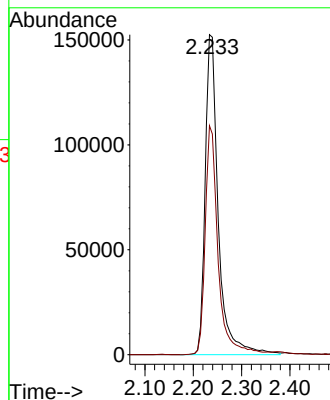
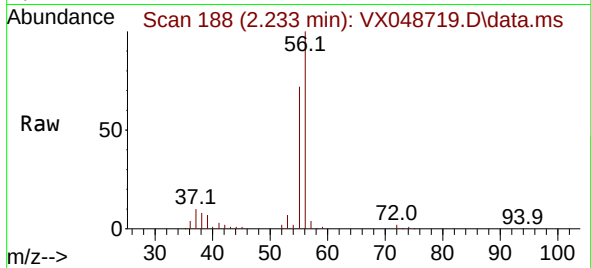




#13
Acrolein
Concen: 755.796 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

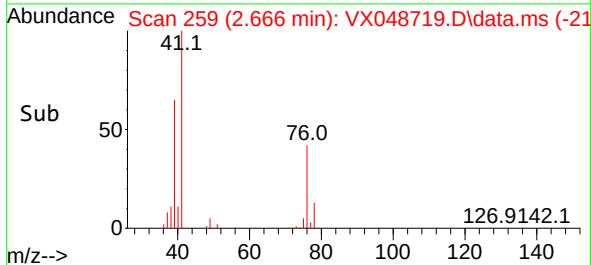
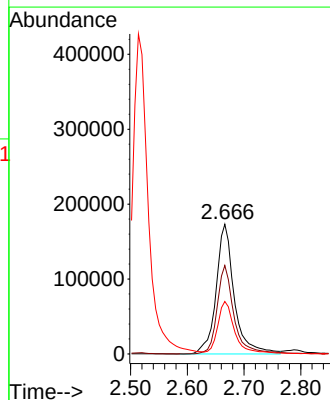
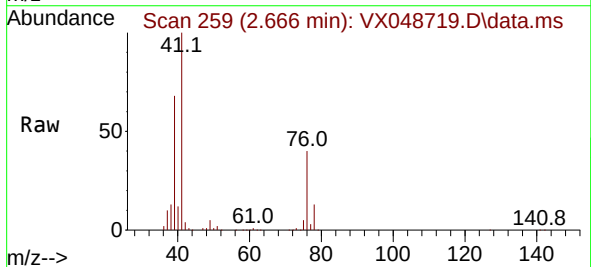
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

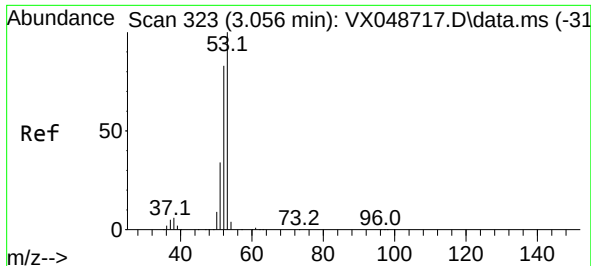
Tgt Ion: 56 Resp: 287608
Ion Ratio Lower Upper
56 100
55 70.2 55.8 83.6



#14
Allyl chloride
Concen: 122.993 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 41 Resp: 386590
Ion Ratio Lower Upper
41 100
39 63.4 49.8 74.6
76 38.2 27.3 40.9

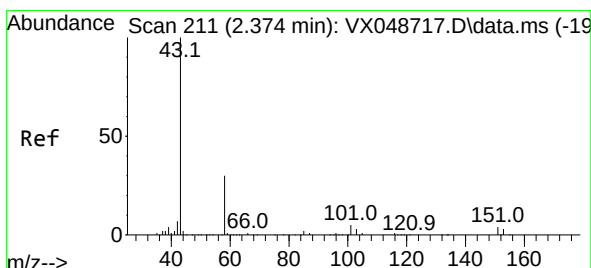
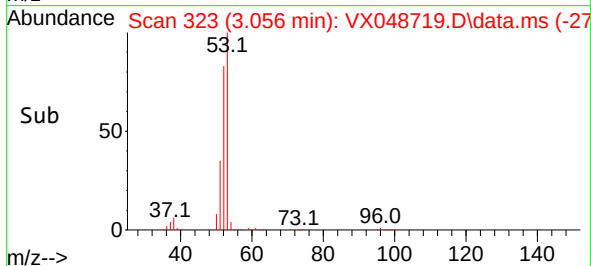
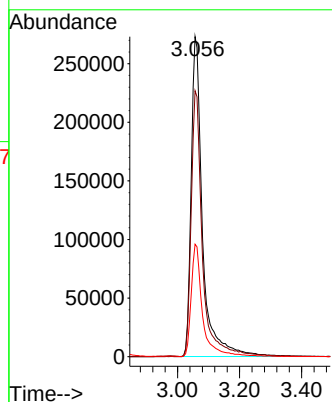
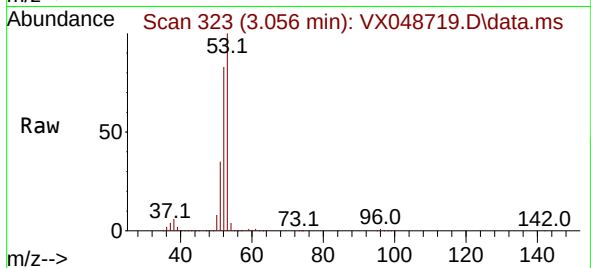




#15
Acrylonitrile
Concen: 638.935 ug/l
RT: 3.056 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

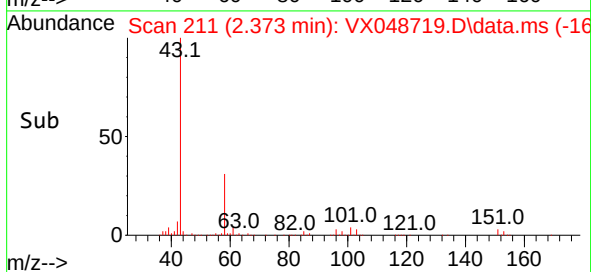
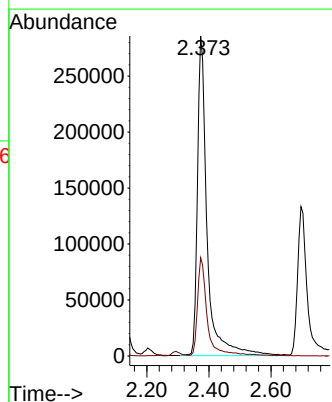
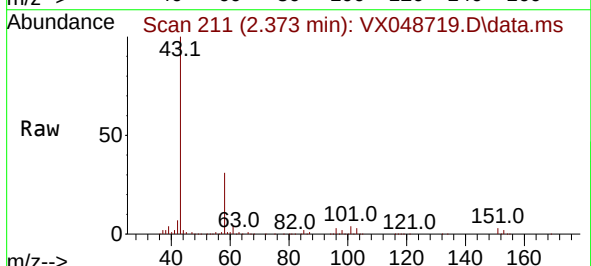
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

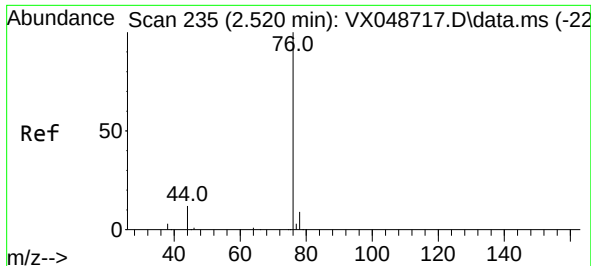
Tgt Ion: 53 Resp: 695550
Ion Ratio Lower Upper
53 100
52 82.5 66.3 99.5
51 35.2 28.7 43.1



#16
Acetone
Concen: 745.203 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 43 Resp: 617325
Ion Ratio Lower Upper
43 100
58 30.6 25.0 37.4

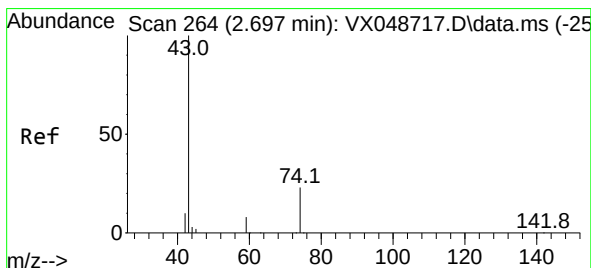
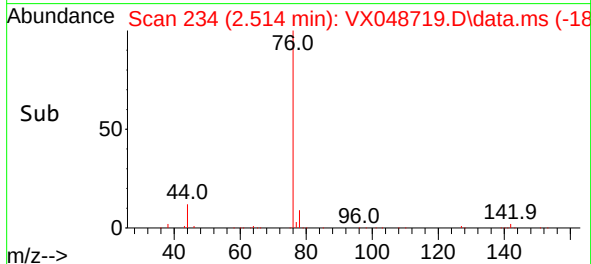
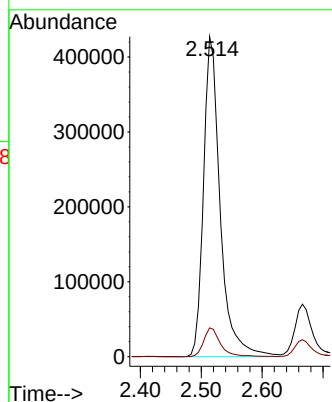
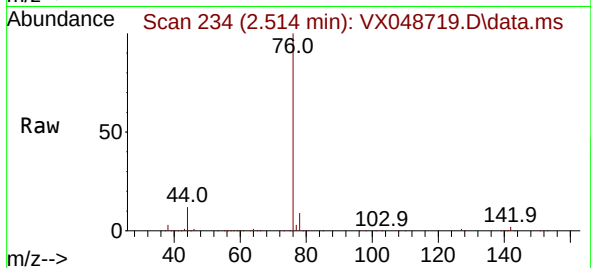




#17
Carbon Disulfide
Concen: 149.701 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

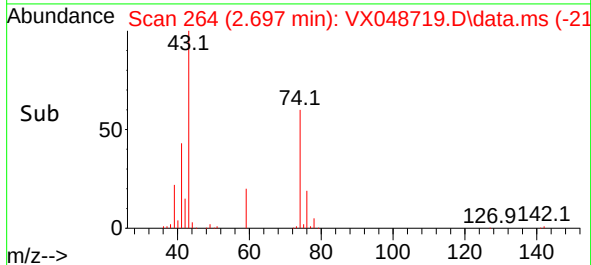
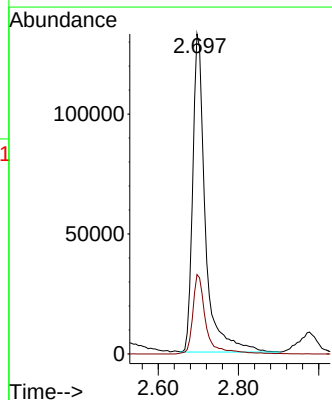
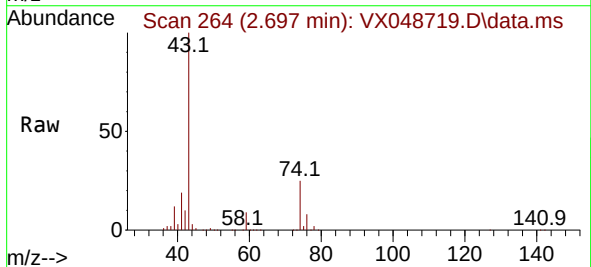
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

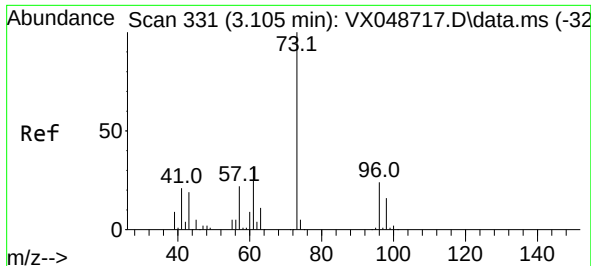
Tgt Ion: 76 Resp: 813894
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 124.598 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 43 Resp: 290410
Ion Ratio Lower Upper
43 100
74 25.9 19.2 28.8

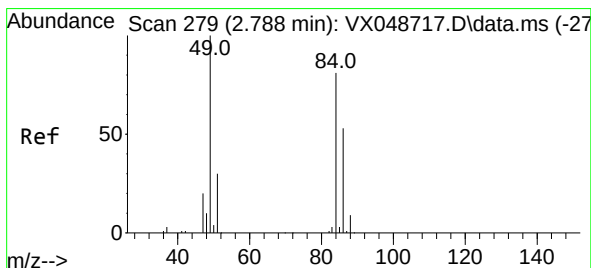
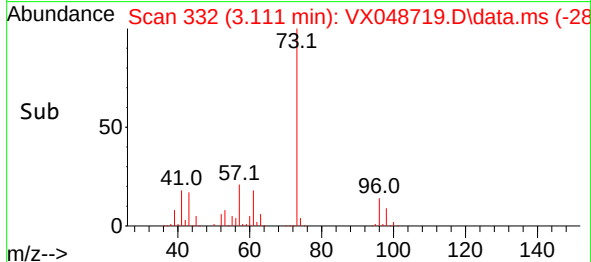
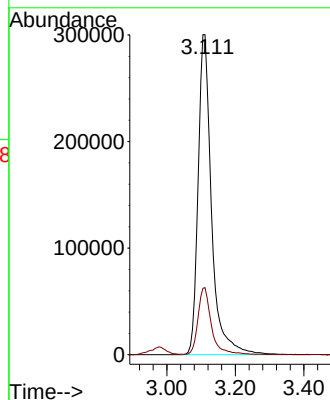
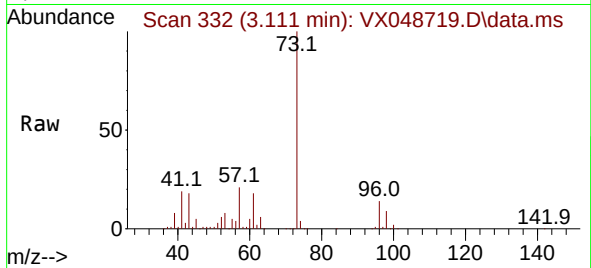




#19
Methyl tert-butyl Ether
Concen: 134.683 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

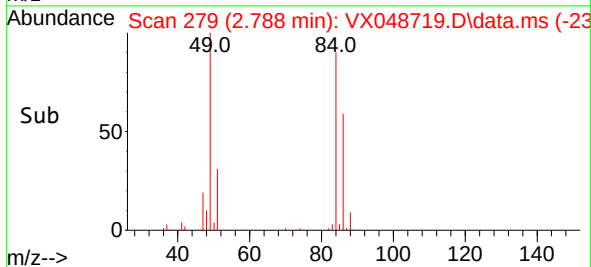
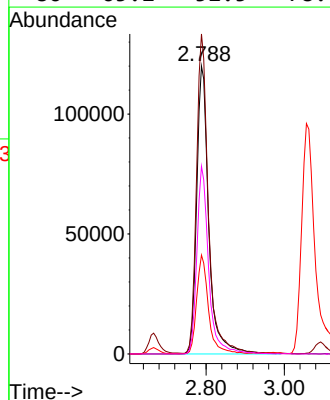
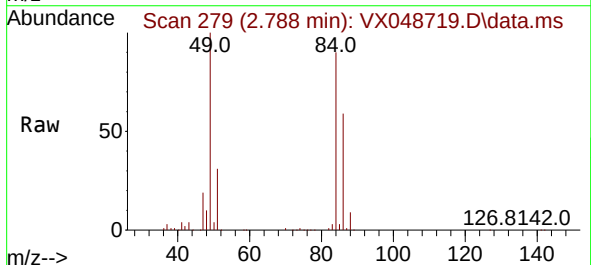
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

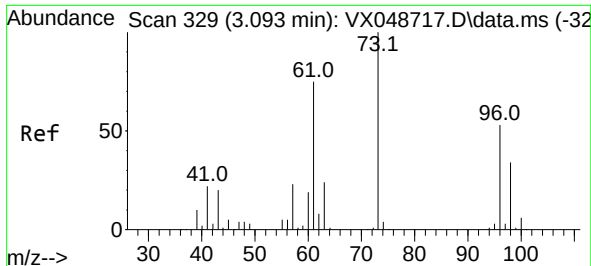
Tgt Ion: 73 Resp: 820601
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.6



#20
Methylene Chloride
Concen: 124.837 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 84 Resp: 258488
Ion Ratio Lower Upper
84 100
49 110.9 98.7 148.1
51 34.3 29.4 44.2
86 65.2 52.5 78.7

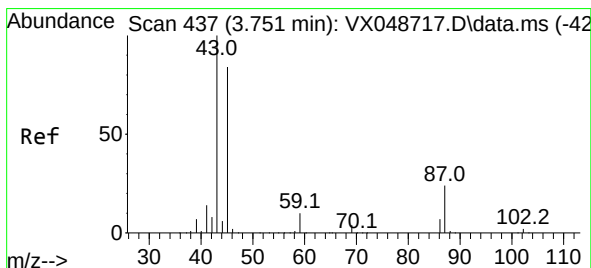
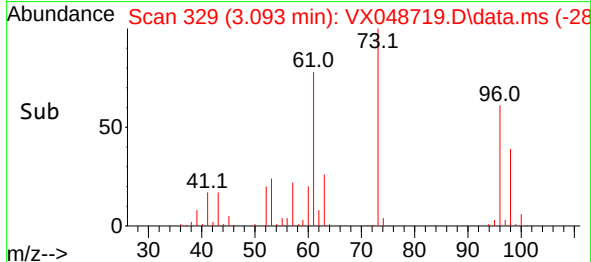
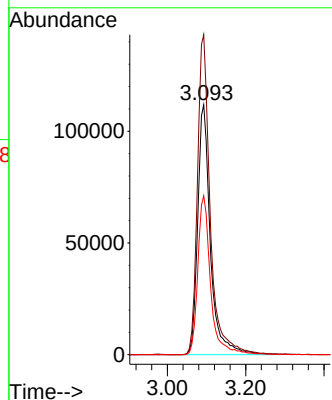
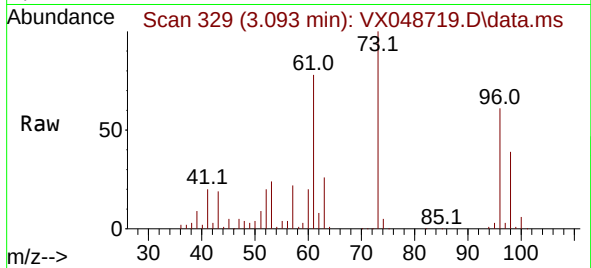




#21
trans-1,2-Dichloroethene
Concen: 132.675 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

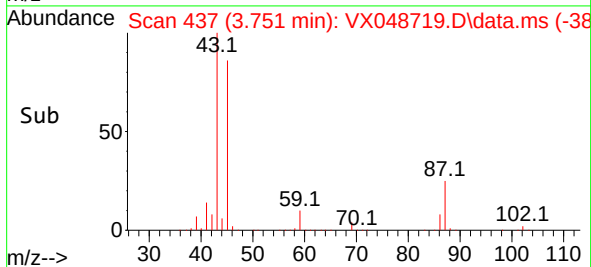
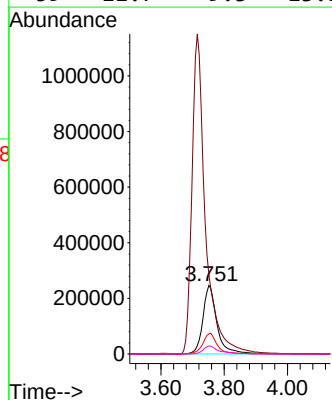
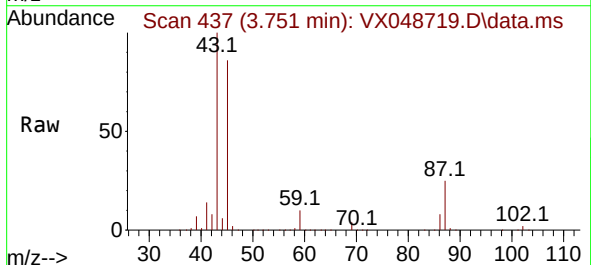
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

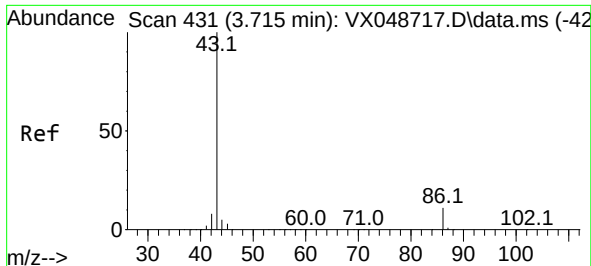
Tgt Ion: 96 Resp: 253511
Ion Ratio Lower Upper
96 100
61 128.1 112.8 169.2
98 63.6 51.0 76.4



#22
Diisopropyl ether
Concen: 129.535 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 45 Resp: 760942
Ion Ratio Lower Upper
45 100
43 116.5 94.9 142.3
87 29.2 23.2 34.8
59 11.7 9.3 13.9

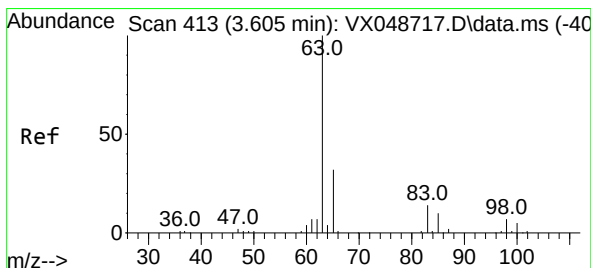
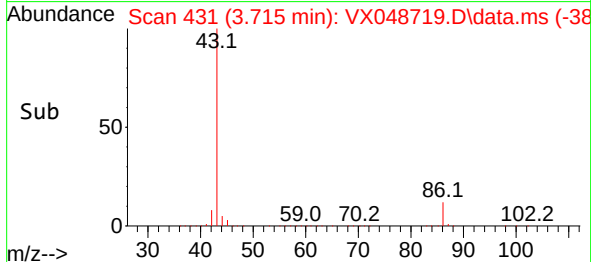
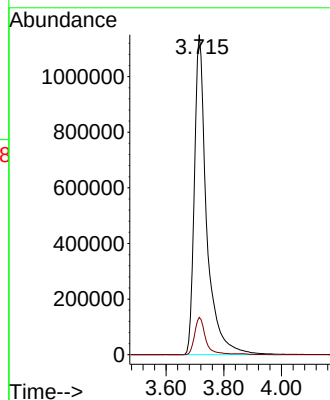
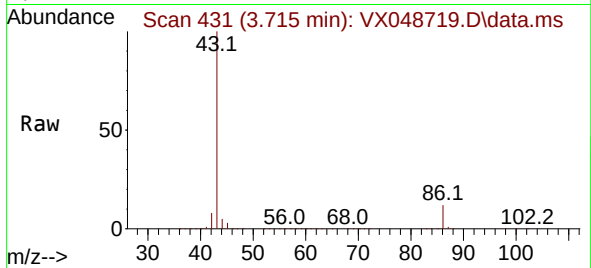




#23
 Vinyl Acetate
 Concen: 689.215 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048719.D
 Acq: 04 Dec 2025 10:38

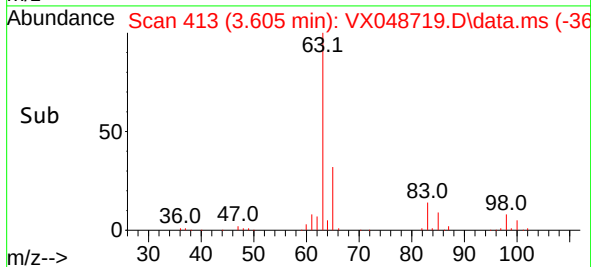
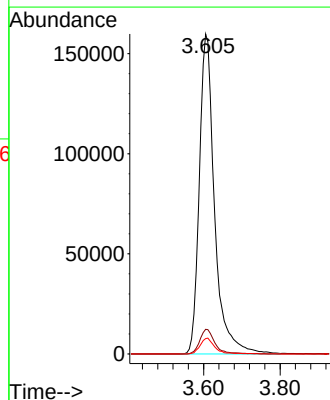
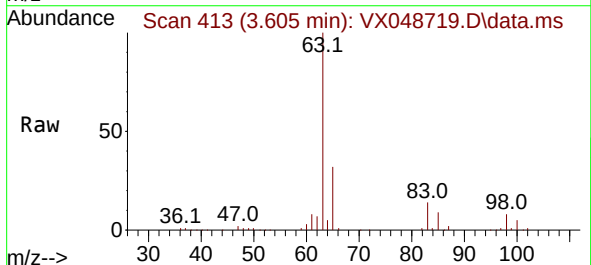
Instrument :
 MSVOA_X
 ClientSampleId :
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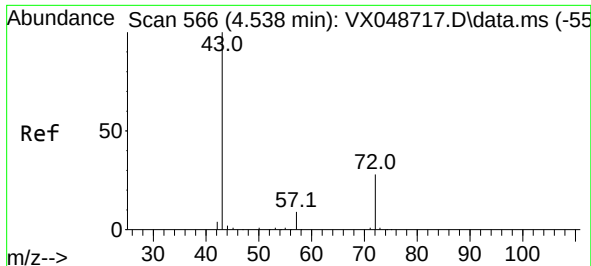
Tgt Ion: 43 Resp: 3401948
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 134.884 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048719.D
 Acq: 04 Dec 2025 10:38

Tgt Ion: 63 Resp: 441859
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.8 2.5 7.4

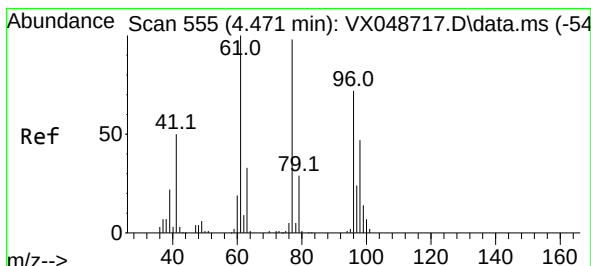
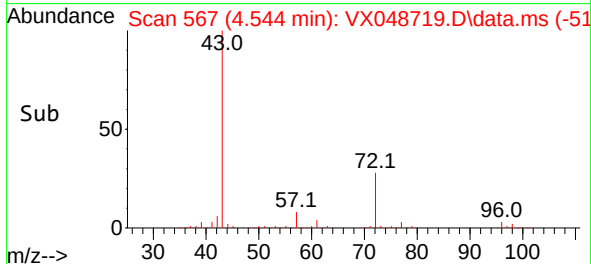
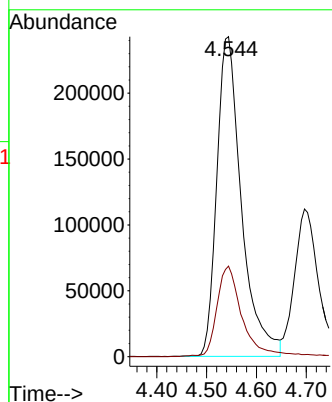
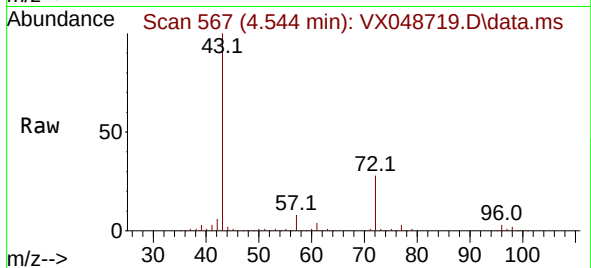




#25
2-Butanone
Concen: 680.145 ug/l
RT: 4.544 min Scan# 566
Delta R.T. 0.006 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

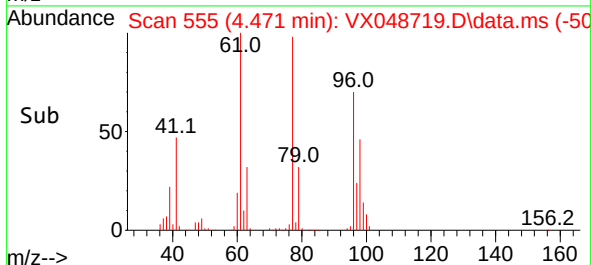
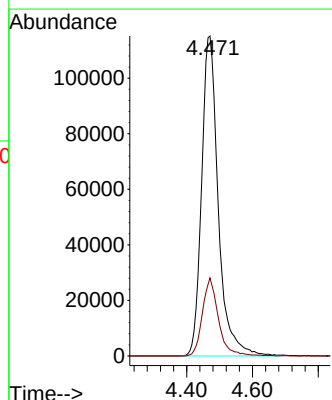
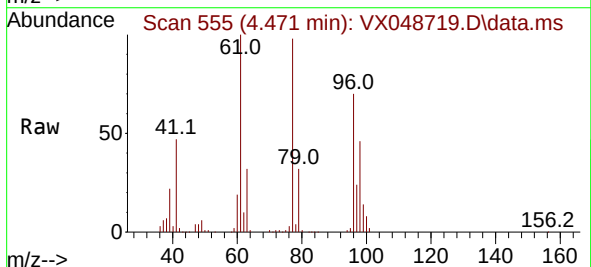
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

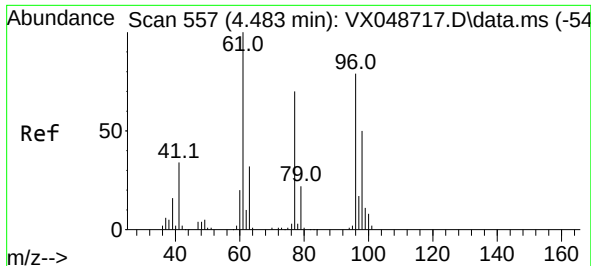
Tgt Ion: 43 Resp: 831570
Ion Ratio Lower Upper
43 100
72 28.3 22.6 34.0



#26
2,2-Dichloropropane
Concen: 139.930 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 77 Resp: 405592
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 141.360 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

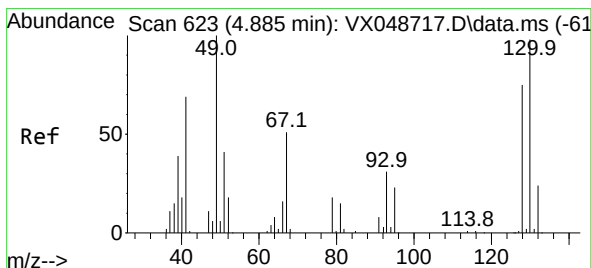
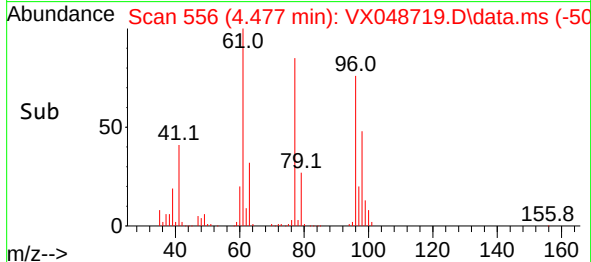
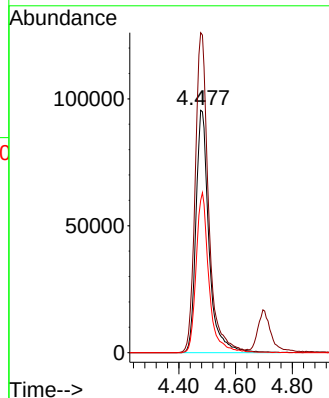
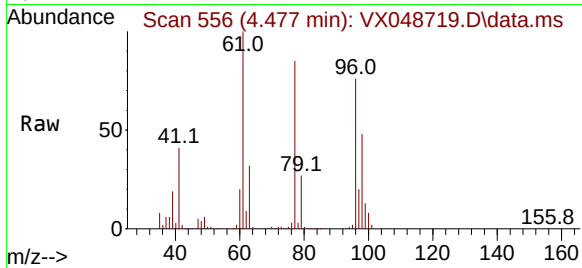
Tgt Ion: 96 Resp: 304797

Ion Ratio Lower Upper

96 100

61 134.9 0.0 271.0

98 64.7 0.0 130.2



#28

Bromochloromethane

Concen: 145.511 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

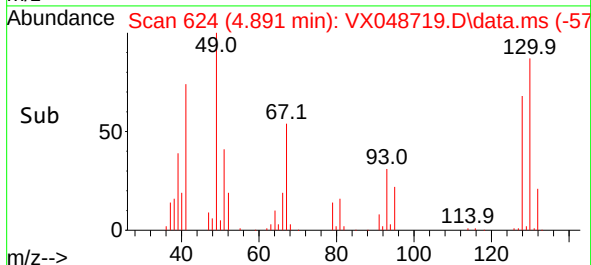
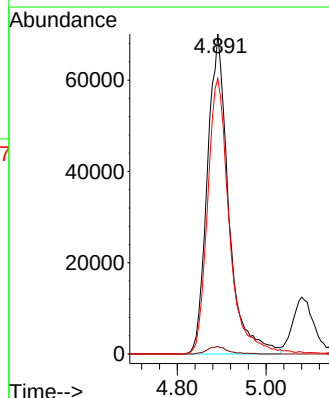
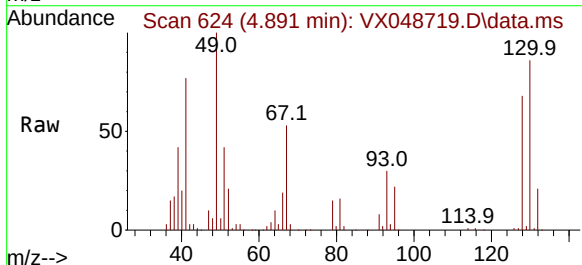
Tgt Ion: 49 Resp: 233635

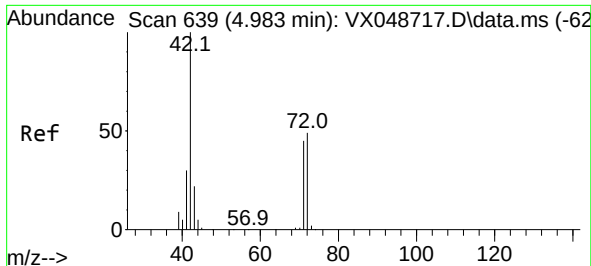
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 87.8 73.9 110.9





#29

Tetrahydrofuran

Concen: 793.604 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

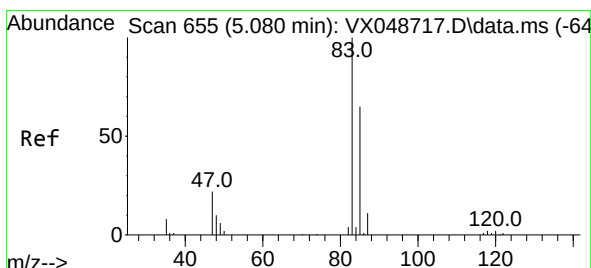
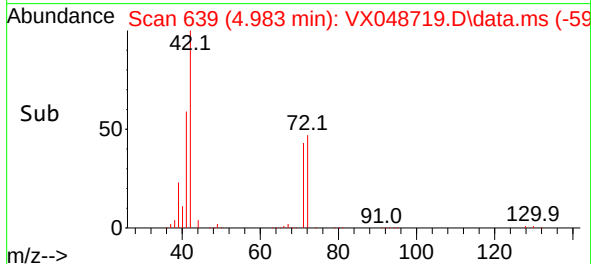
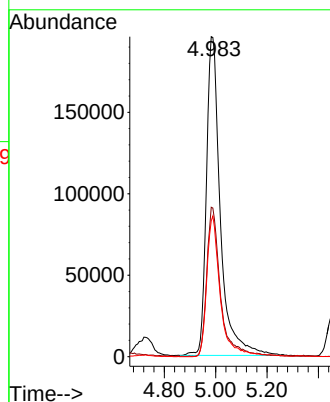
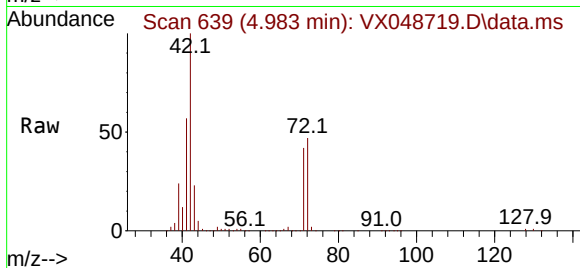
Tgt Ion: 42 Resp: 740891

Ion Ratio Lower Upper

42 100

72 45.3 39.4 59.2

71 42.7 35.8 53.6



#30

Chloroform

Concen: 154.495 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048719.D

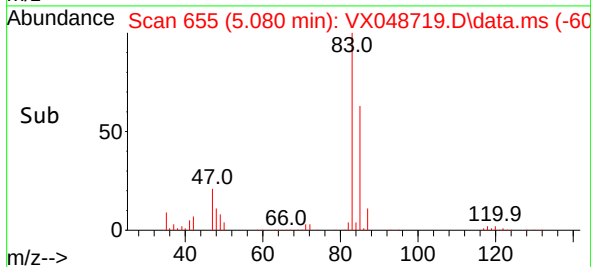
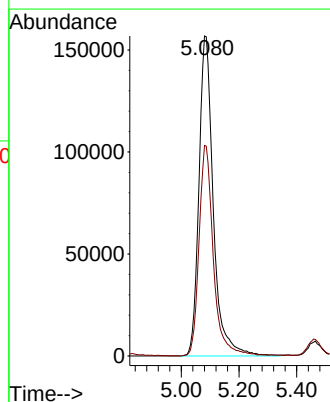
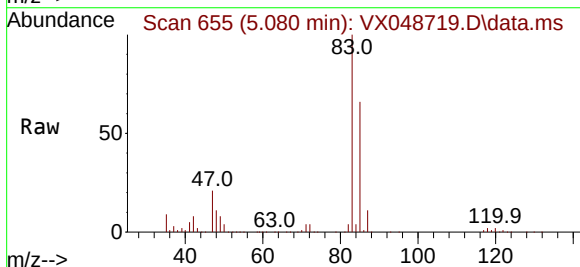
Acq: 04 Dec 2025 10:38

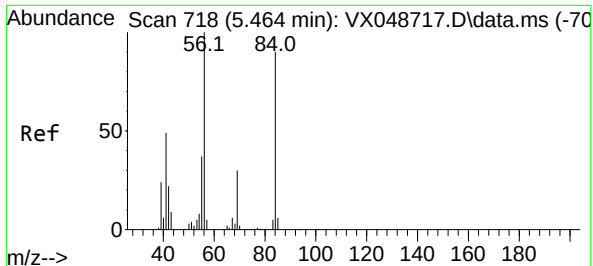
Tgt Ion: 83 Resp: 542284

Ion Ratio Lower Upper

83 100

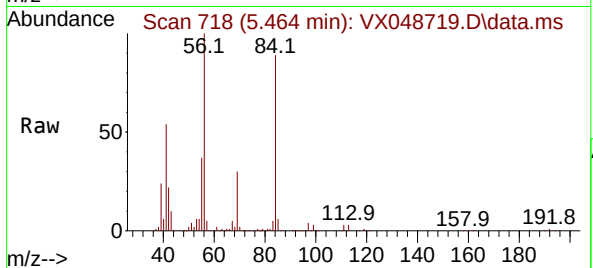
85 65.8 52.1 78.1





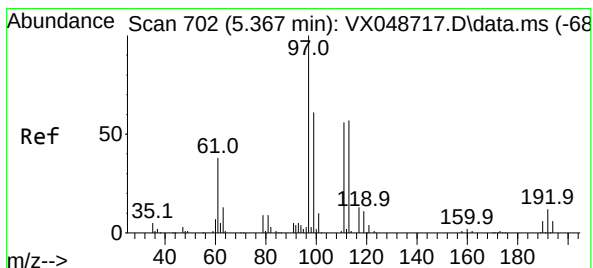
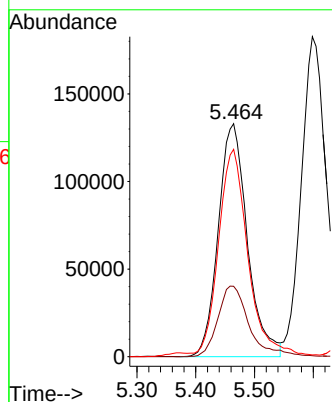
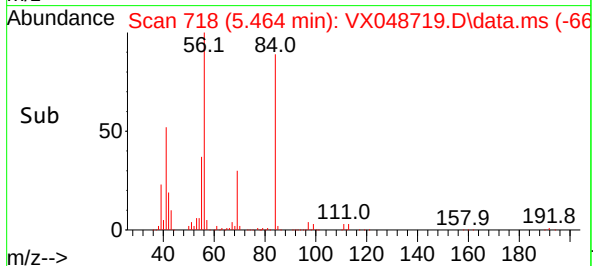
#31
Cyclohexane
Concen: 156.365 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

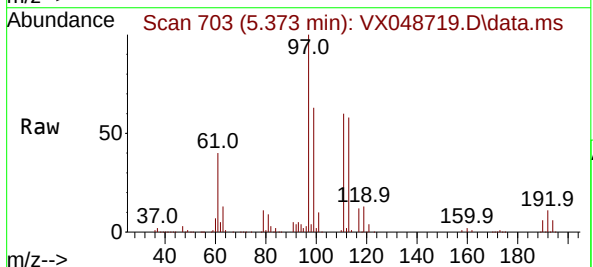


Tgt Ion: 56 Resp: 457324

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.2
84	87.3	72.1	108.1

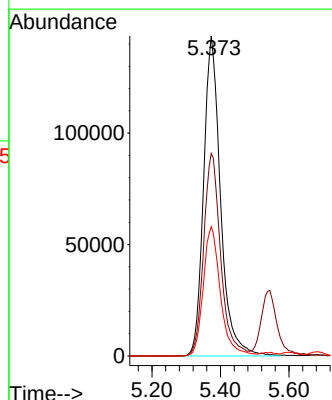
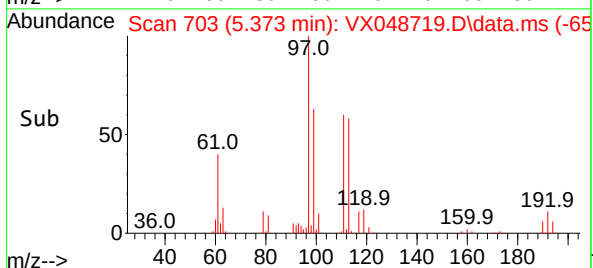


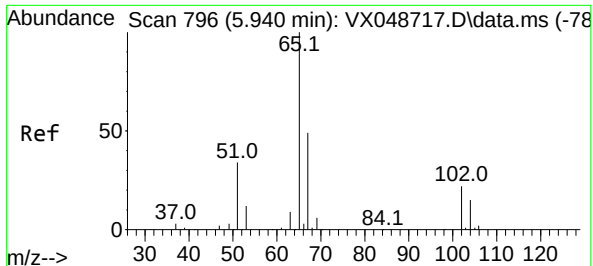
#32
1,1,1-Trichloroethane
Concen: 157.387 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38



Tgt Ion: 97 Resp: 494982

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.5	75.7
61	40.9	30.6	45.8





#33

1,2-Dichloroethane-d4

Concen: 155.353 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

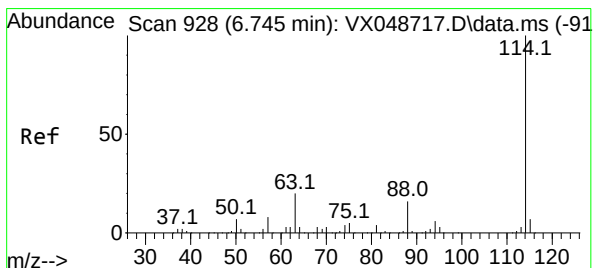
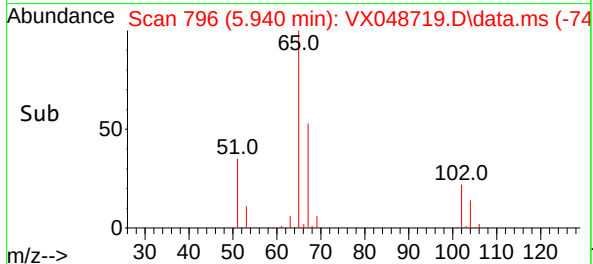
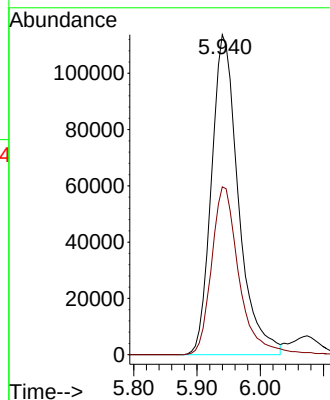
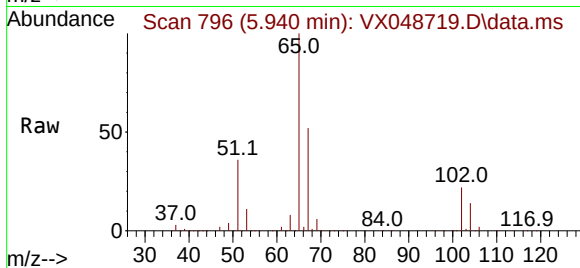
VSTDIC150

Tgt Ion: 65 Resp: 336173

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

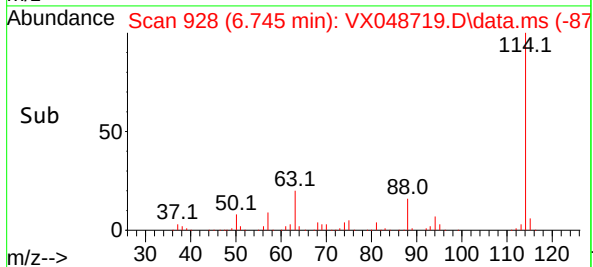
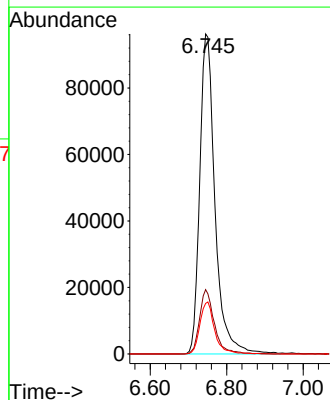
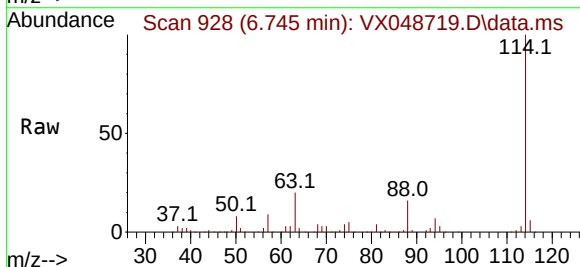
Tgt Ion: 114 Resp: 266084

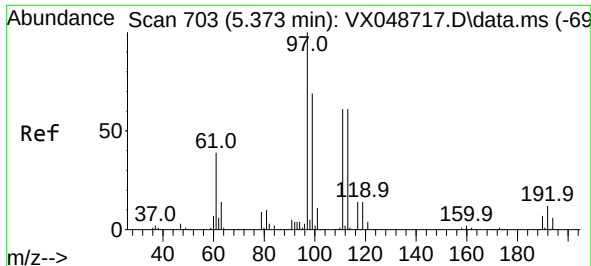
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

88 15.8 0.0 31.8

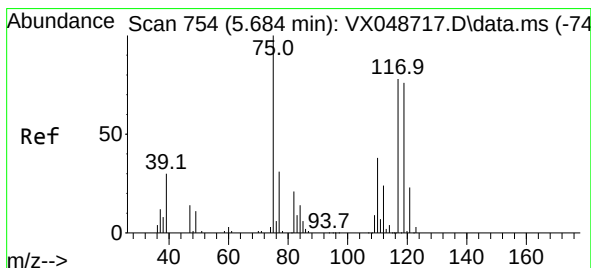
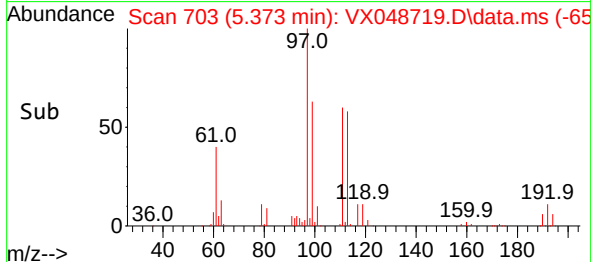
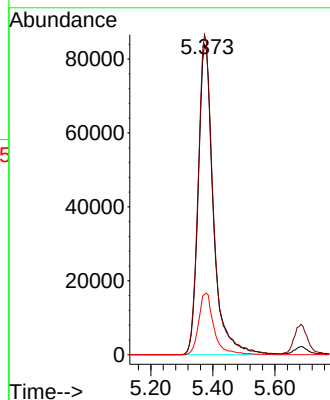
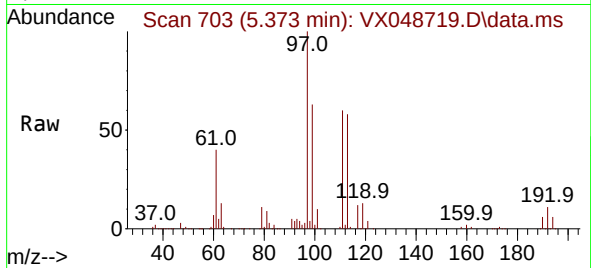




#35
Dibromofluoromethane
Concen: 155.433 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

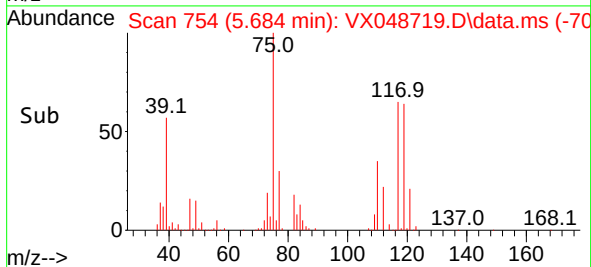
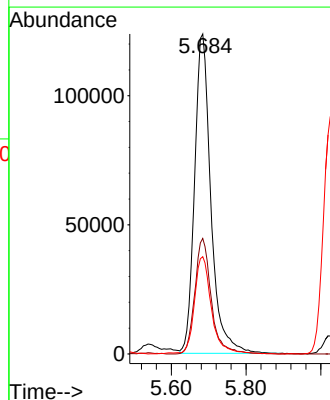
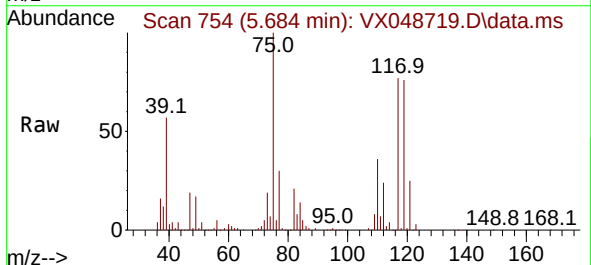
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

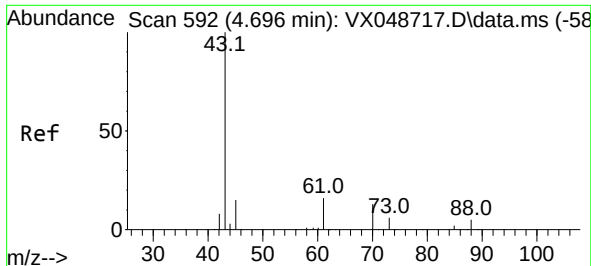
Tgt Ion:113 Resp: 284768
Ion Ratio Lower Upper
113 100
111 102.8 79.5 119.3
192 19.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 149.343 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 75 Resp: 374749
Ion Ratio Lower Upper
75 100
110 36.6 18.6 55.8
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 124.844 ug/l

RT: 4.696 min Scan# 592

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

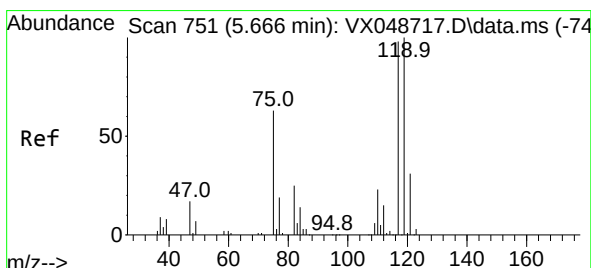
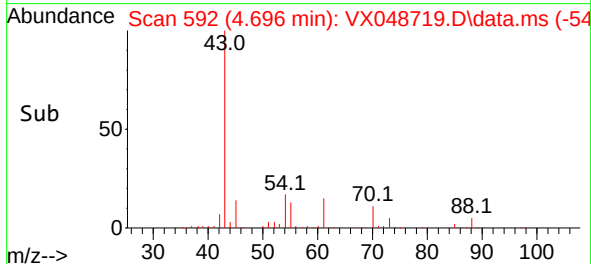
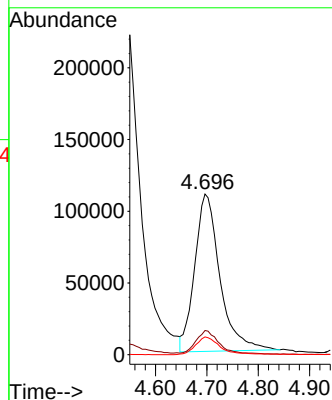
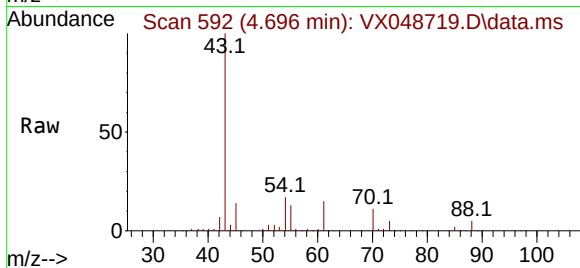
Tgt Ion: 43 Resp: 374331

Ion Ratio Lower Upper

43 100

61 13.8 9.7 14.5

70 11.0 8.2 12.4



#38

Carbon Tetrachloride

Concen: 150.987 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

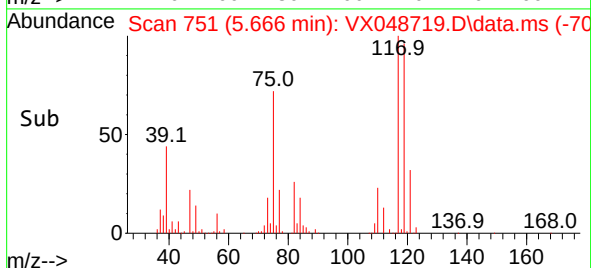
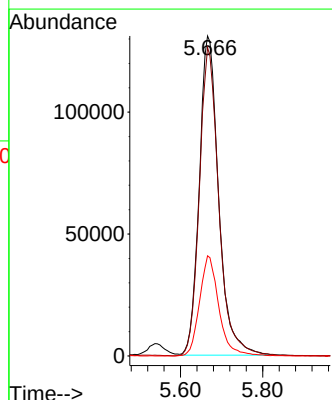
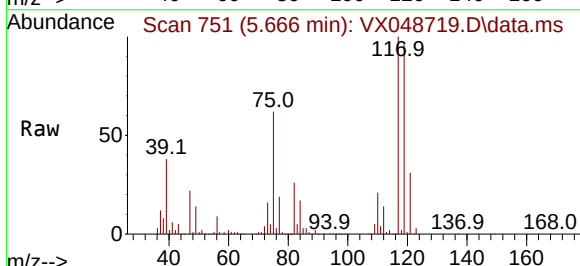
Tgt Ion: 117 Resp: 429152

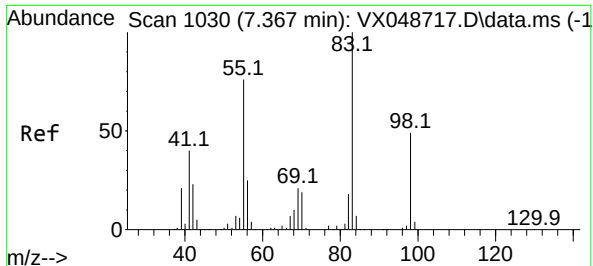
Ion Ratio Lower Upper

117 100

119 96.4 80.5 120.7

121 31.3 25.4 38.0

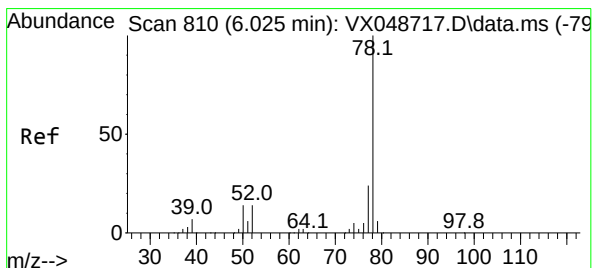
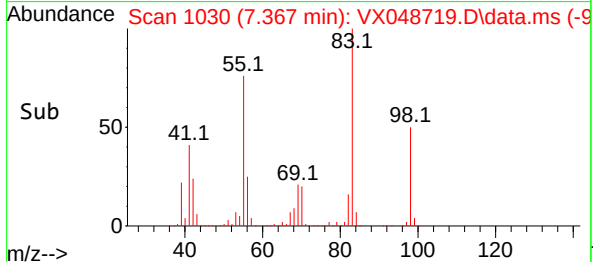
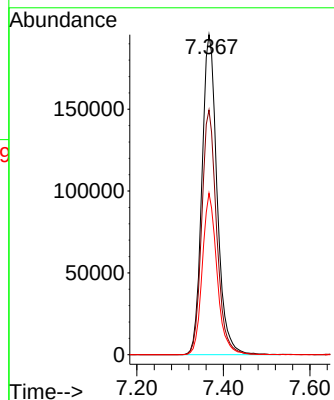
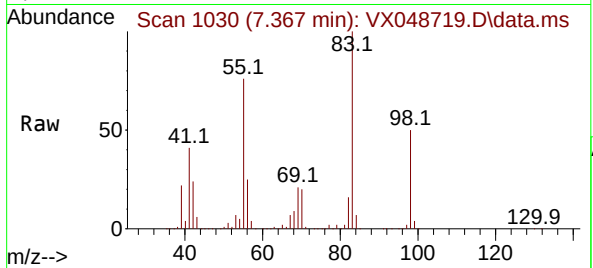




#39
Methylcyclohexane
Concen: 160.380 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

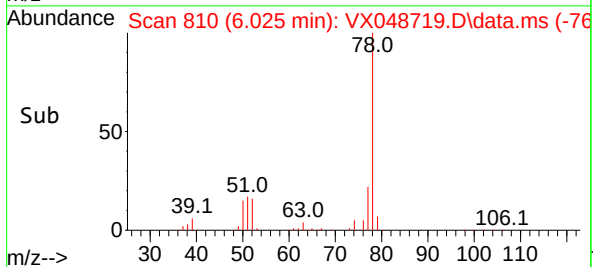
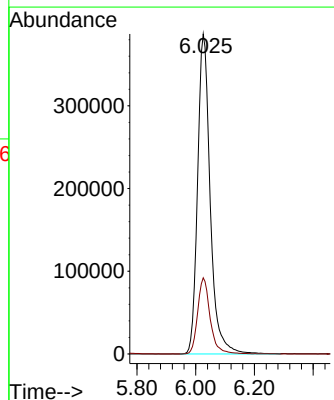
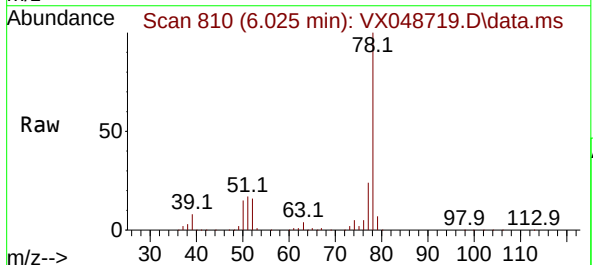
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

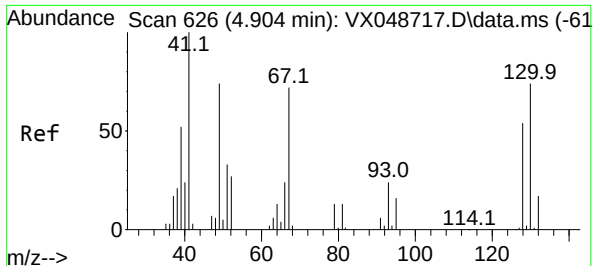
Tgt Ion: 83 Resp: 475877
Ion Ratio Lower Upper
83 100
55 76.4 60.6 90.8
98 50.5 39.3 58.9



#40
Benzene
Concen: 154.974 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 78 Resp: 1152810
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



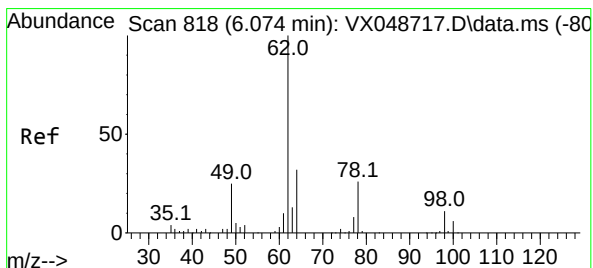
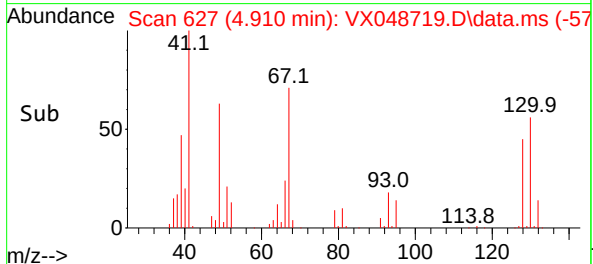
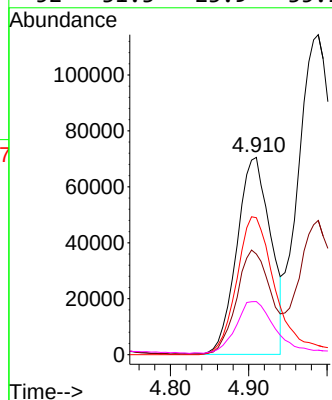
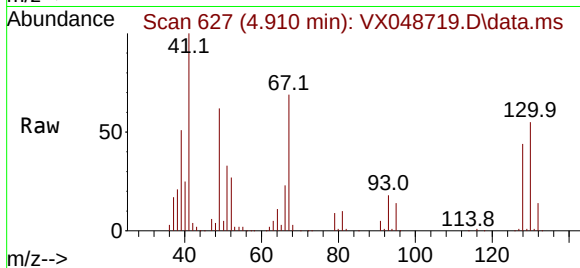


#41
Methacrylonitrile
Concen: 154.617 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 210934

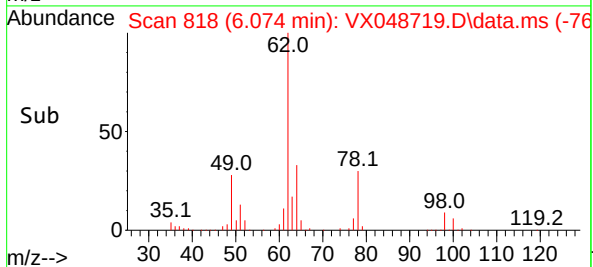
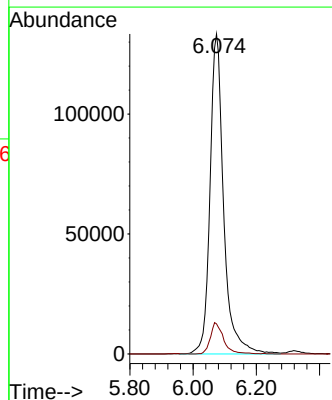
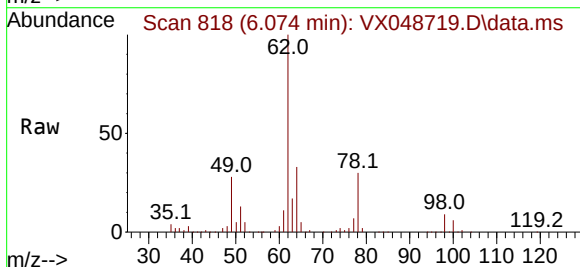
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.3	63.5
67	84.4	66.6	100.0
52	31.3	23.9	35.9

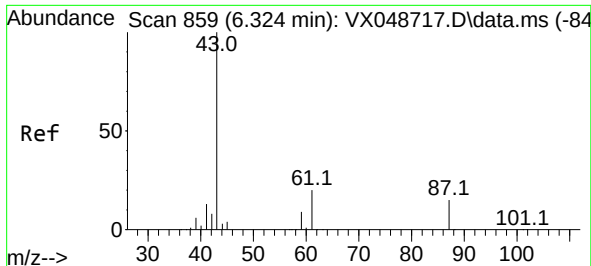


#42
1,2-Dichloroethane
Concen: 152.058 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 62 Resp: 400347

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2

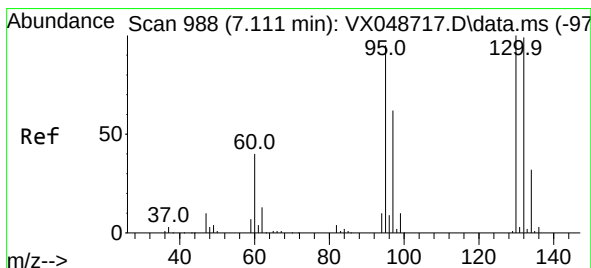
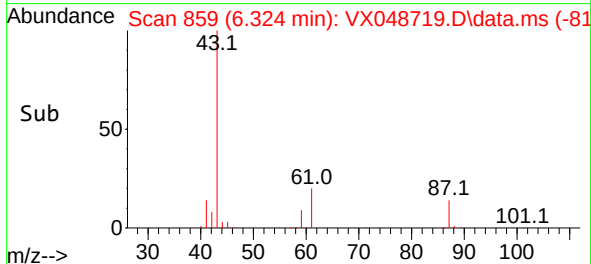
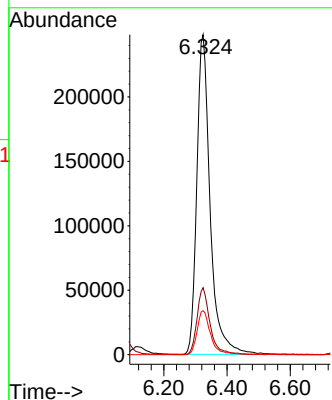
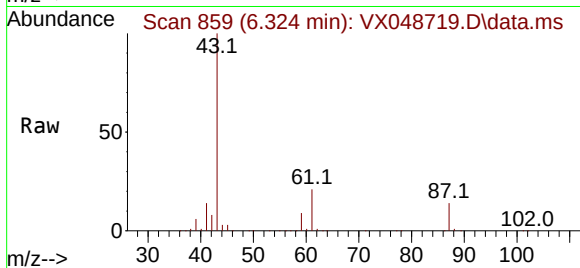




#43
Isopropyl Acetate
Concen: 160.070 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

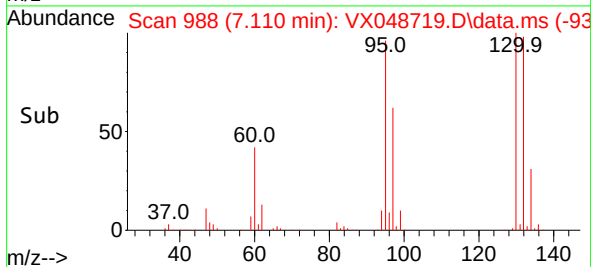
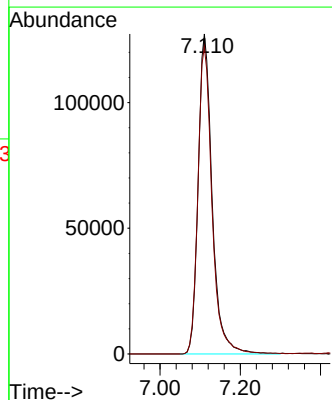
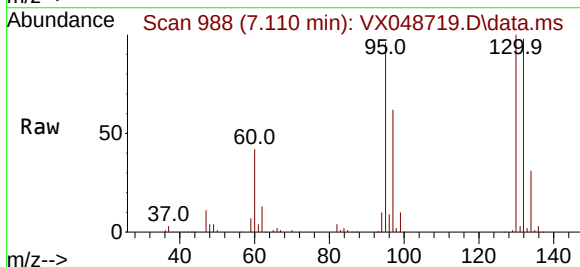
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

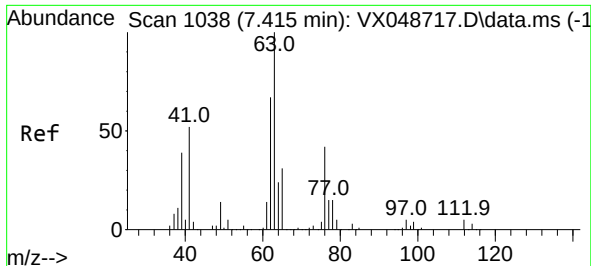
Tgt Ion: 43 Resp: 726750
Ion Ratio Lower Upper
43 100
61 20.5 16.8 25.2
87 13.9 11.8 17.6



#44
Trichloroethene
Concen: 159.098 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion:130 Resp: 308803
Ion Ratio Lower Upper
130 100
95 96.0 0.0 189.6

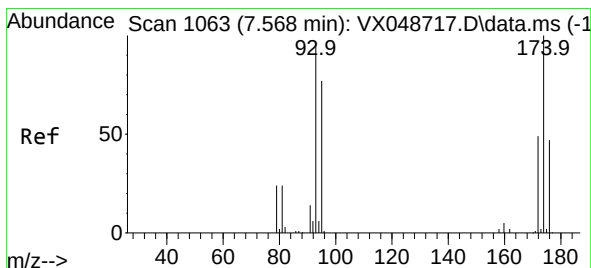
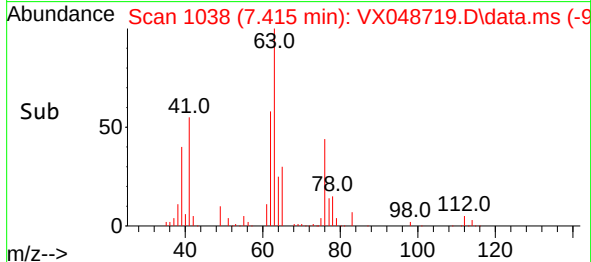
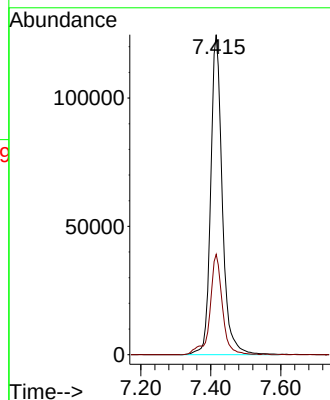
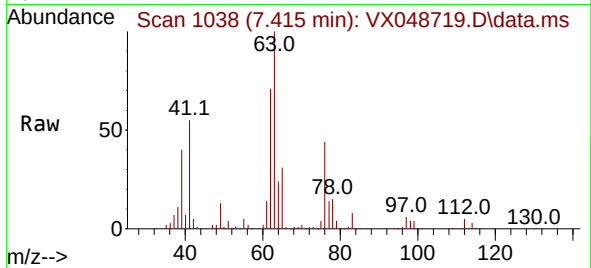




#45
1,2-Dichloropropane
Concen: 154.593 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

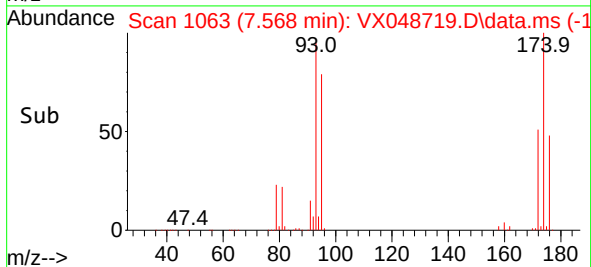
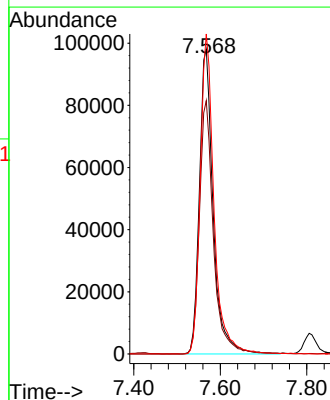
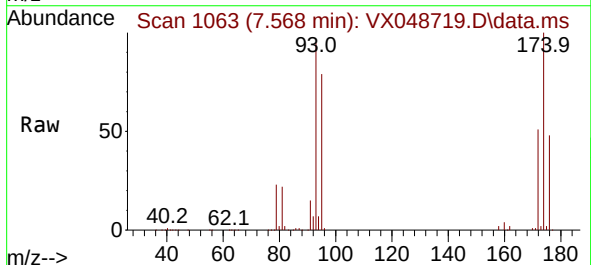
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

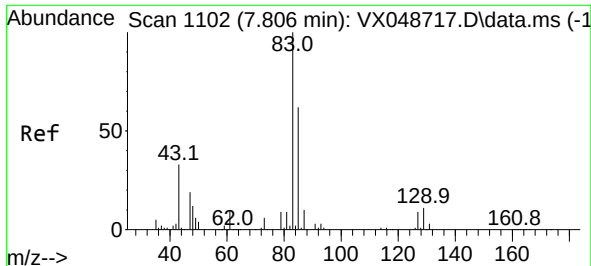
Tgt Ion: 63 Resp: 287426
Ion Ratio Lower Upper
63 100
65 31.4 24.5 36.7



#46
Dibromomethane
Concen: 153.589 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 93 Resp: 216552
Ion Ratio Lower Upper
93 100
95 84.2 65.5 98.3
174 104.7 82.0 123.0

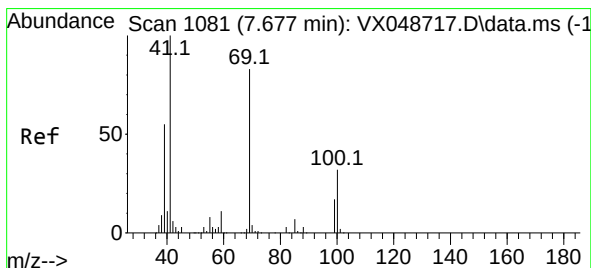
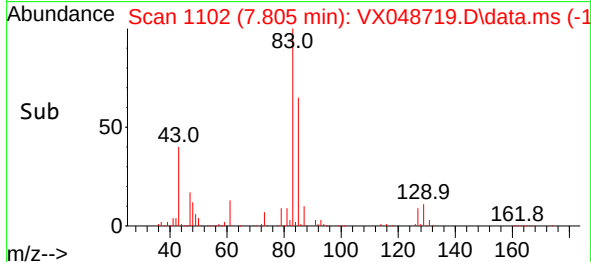
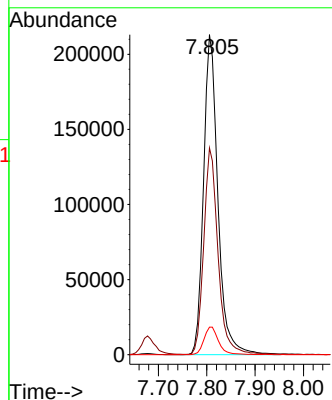
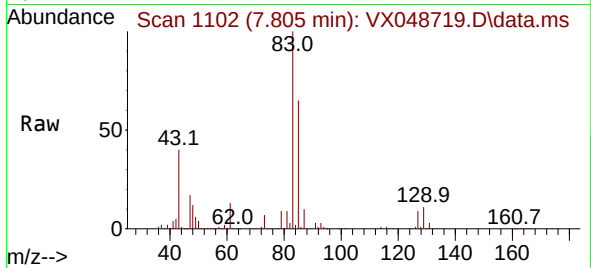




#47
Bromodichloromethane
Concen: 149.695 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

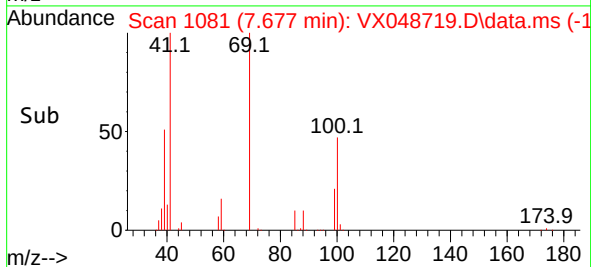
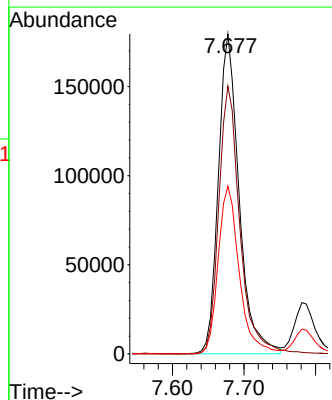
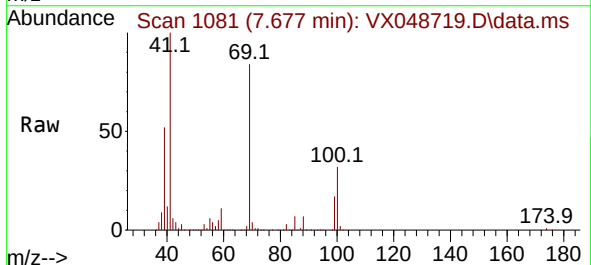
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

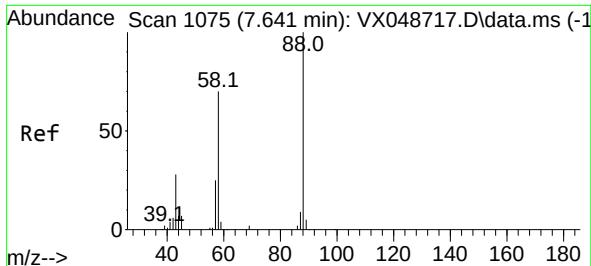
Tgt Ion: 83 Resp: 440047
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.8
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 158.368 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 41 Resp: 361697
Ion Ratio Lower Upper
41 100
69 85.3 68.5 102.7
39 53.3 43.5 65.3





#49

1,4-Dioxane

Concen: 3255.837 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.012 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

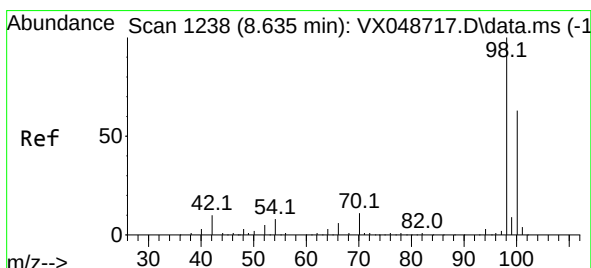
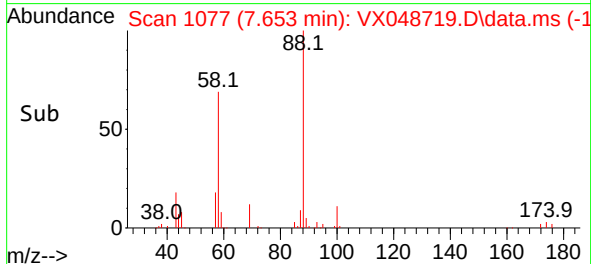
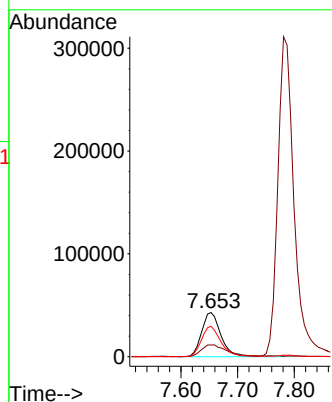
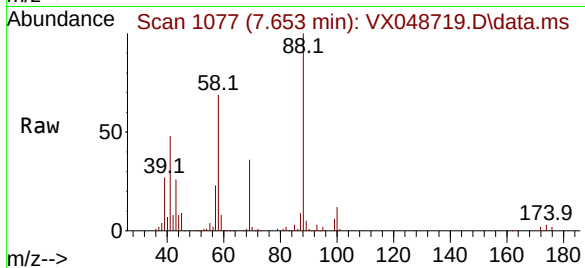
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 102268

Ion	Ratio	Lower	Upper
88	100		
43	33.5	28.6	43.0
58	69.5	58.0	87.0



#50

Toluene-d8

Concen: 152.642 ug/l

RT: 8.635 min Scan# 1238

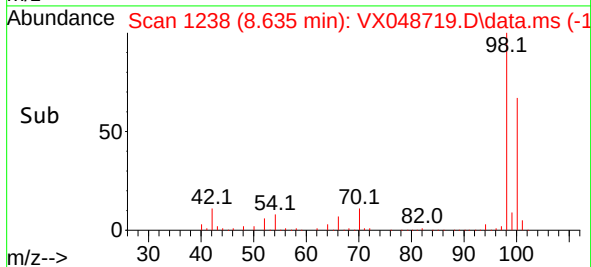
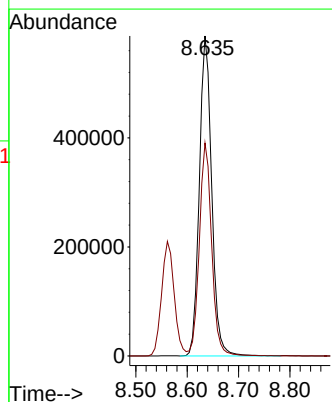
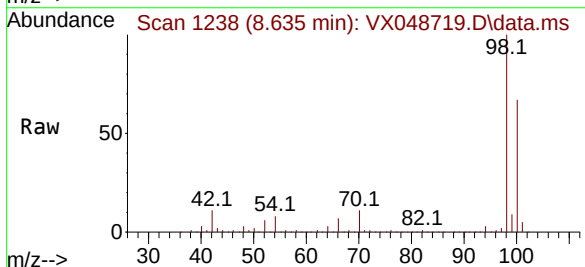
Delta R.T. -0.000 min

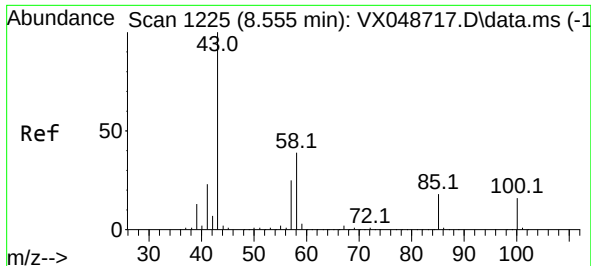
Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Tgt Ion: 98 Resp: 980276

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0

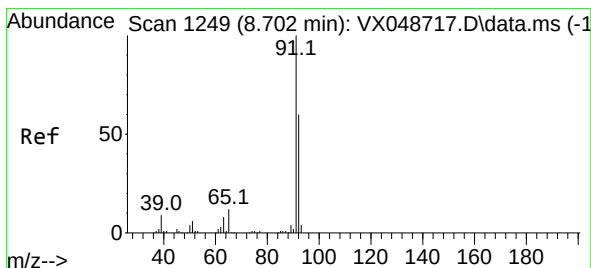
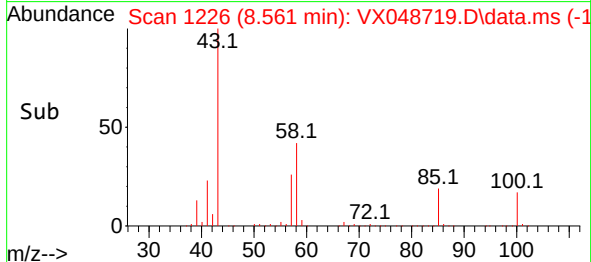
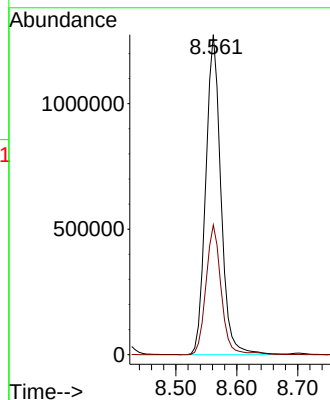
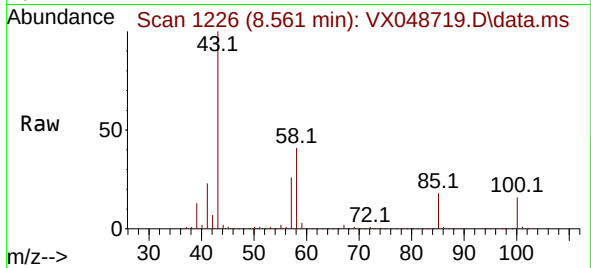




#51
4-Methyl-2-Pentanone
Concen: 781.463 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

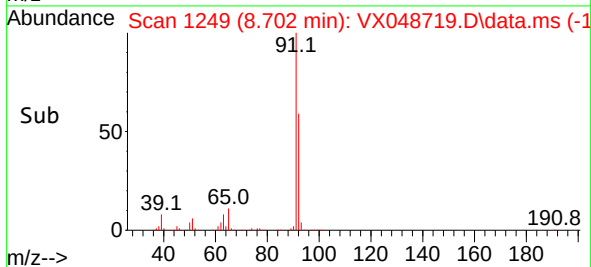
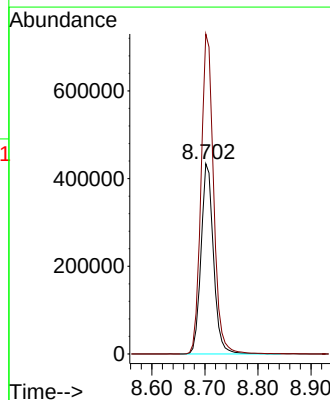
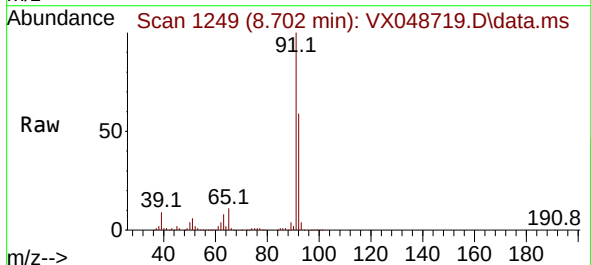
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

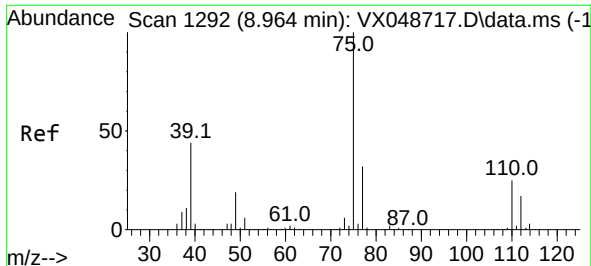
Tgt Ion: 43 Resp: 2202246
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.4



#52
Toluene
Concen: 158.073 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 92 Resp: 709062
Ion Ratio Lower Upper
92 100
91 170.1 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 165.721 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

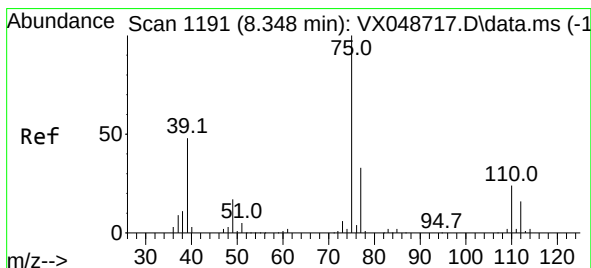
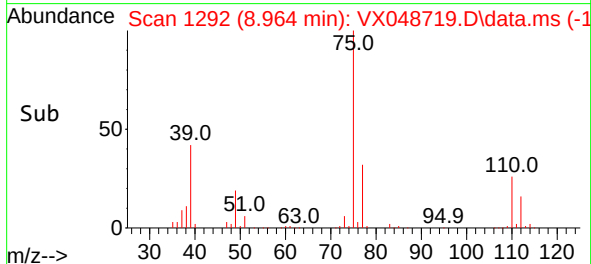
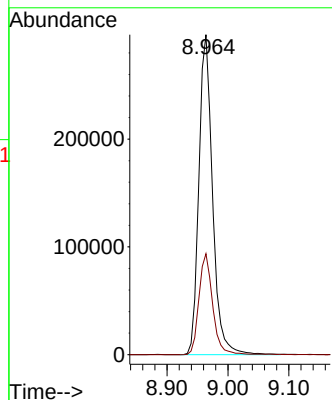
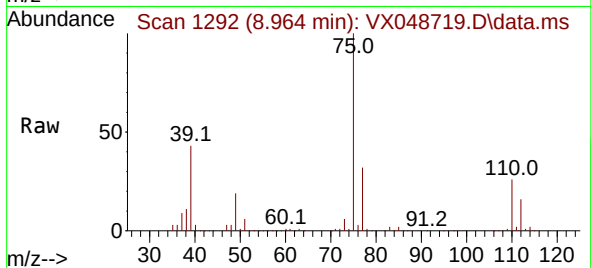
VSTDIC150

Tgt Ion: 75 Resp: 463456

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 162.802 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

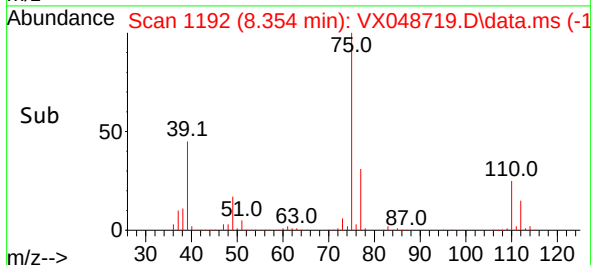
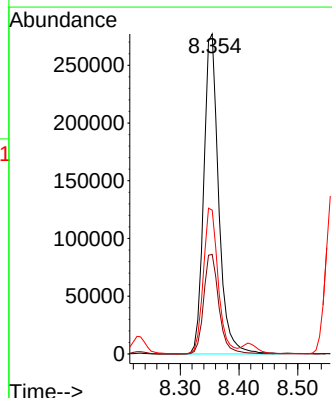
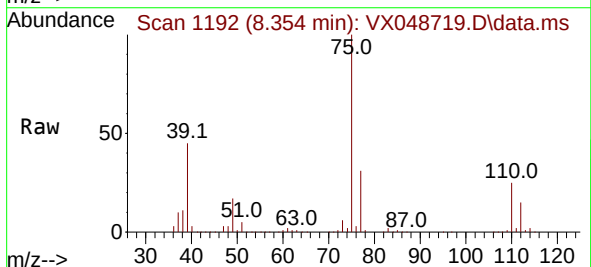
Tgt Ion: 75 Resp: 489309

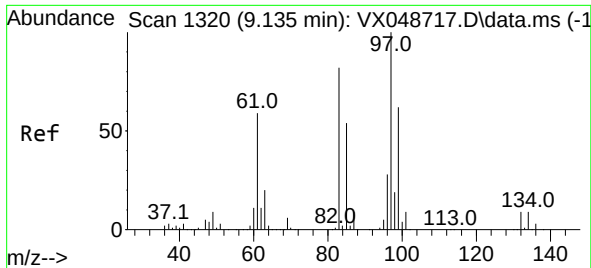
Ion Ratio Lower Upper

75 100

77 31.1 26.1 39.1

39 44.9 38.2 57.4



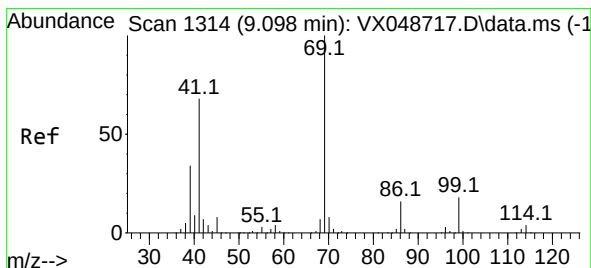
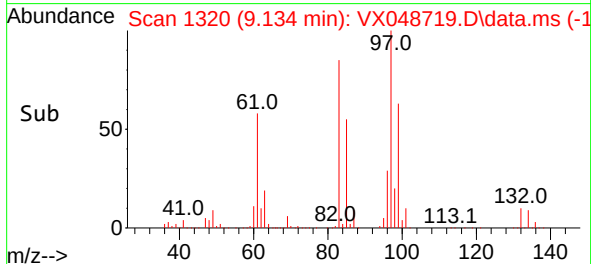
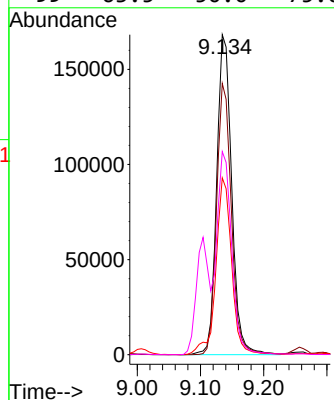
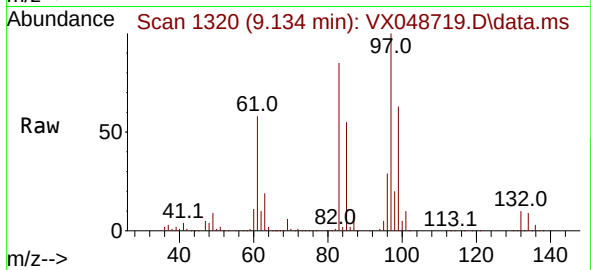


#55
1,1,2-Trichloroethane
Concen: 153.680 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 277366

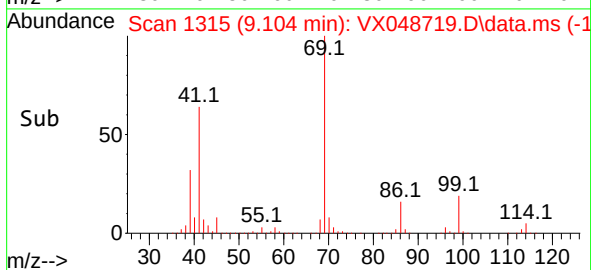
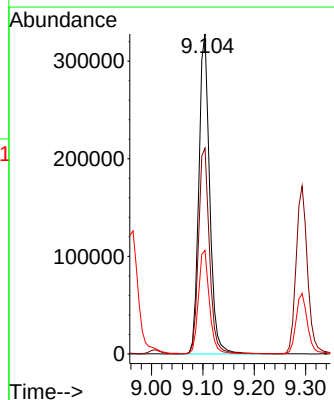
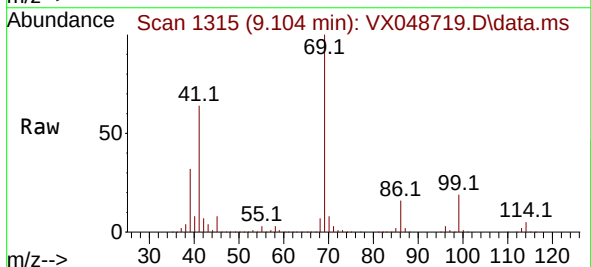
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.0	99.0
85	55.2	43.2	64.8
99	63.5	50.0	75.0

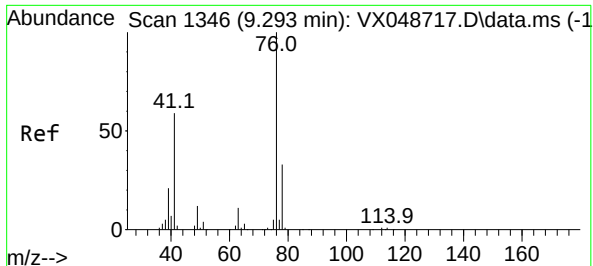


#56
Ethyl methacrylate
Concen: 170.358 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 69 Resp: 481264

Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.4	80.2
39	32.8	27.5	41.3





#57

1,3-Dichloropropane

Concen: 154.128 ug/l

RT: 9.293 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

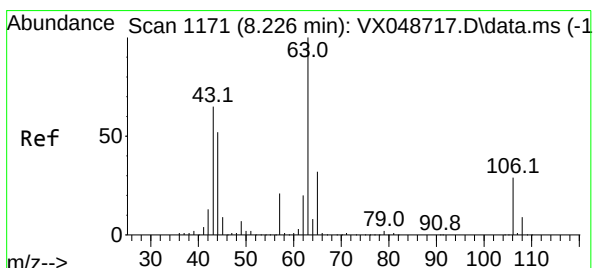
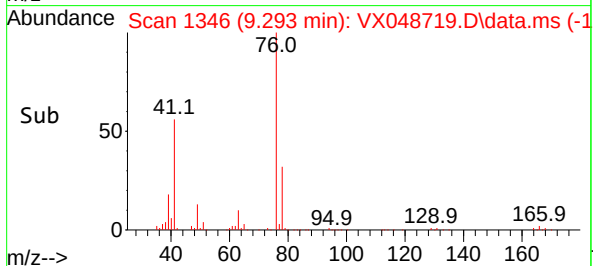
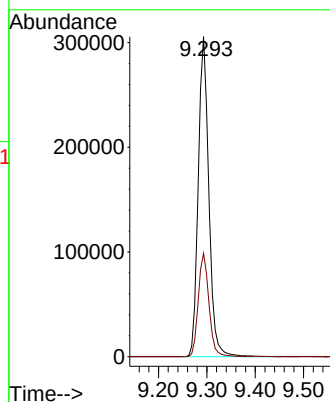
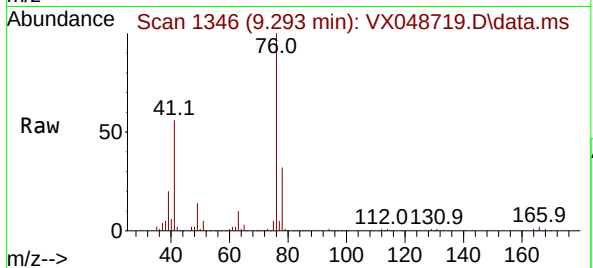
VSTDIC150

Tgt Ion: 76 Resp: 462553

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 867.473 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VX048719.D

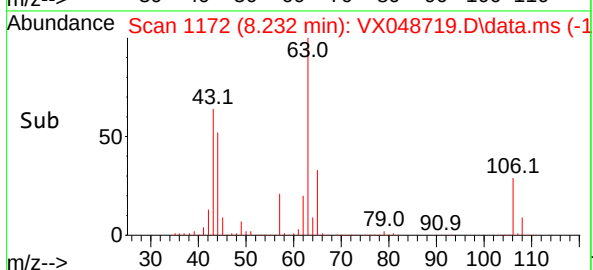
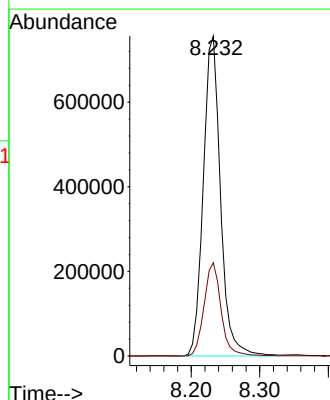
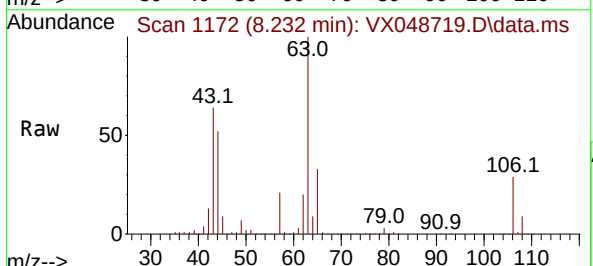
Acq: 04 Dec 2025 10:38

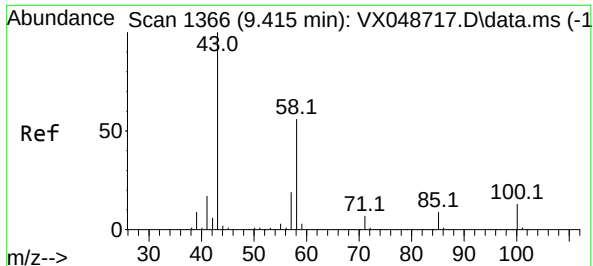
Tgt Ion: 63 Resp: 1324521

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.2

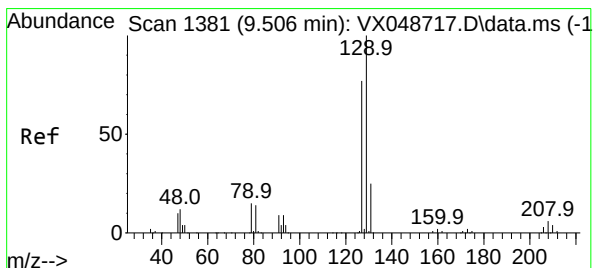
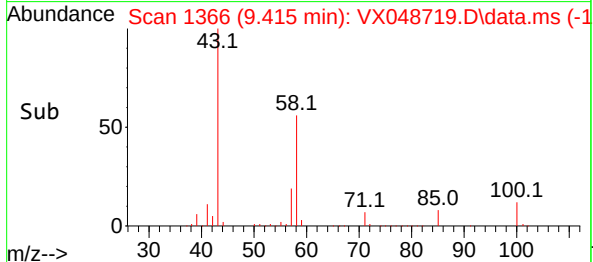
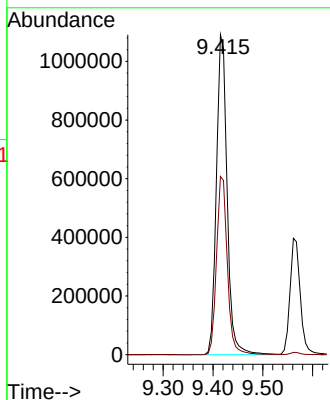
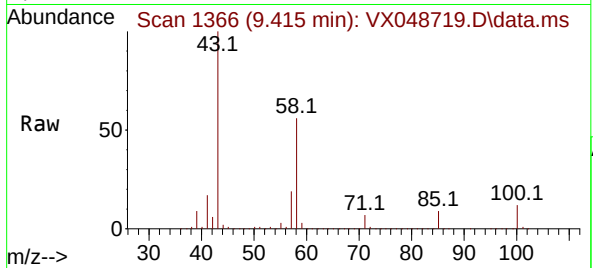




#59
2-Hexanone
Concen: 823.253 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

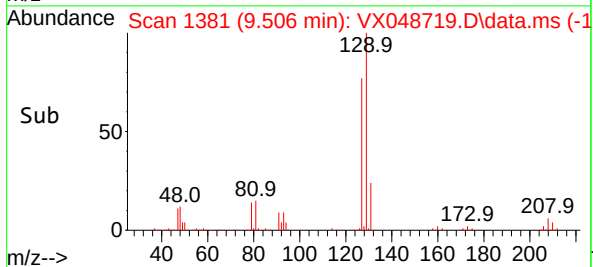
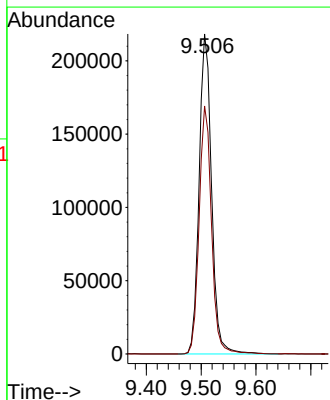
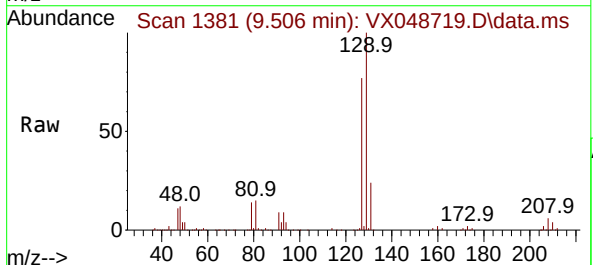
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

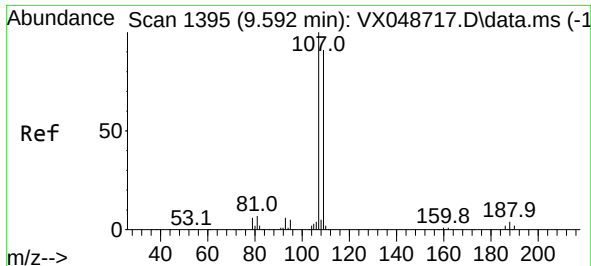
Tgt Ion: 43 Resp: 1628603
Ion Ratio Lower Upper
43 100
58 56.2 27.8 83.4



#60
Dibromochloromethane
Concen: 154.312 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion:129 Resp: 344385
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9

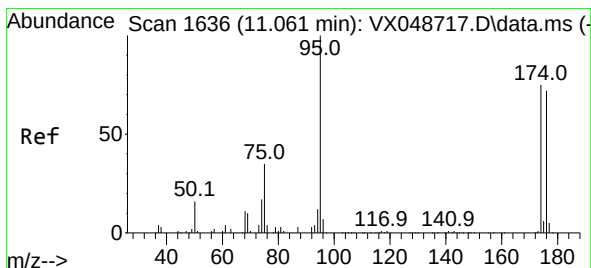
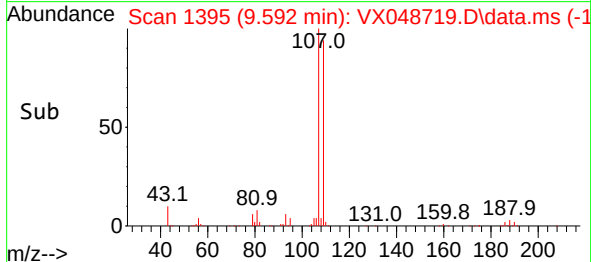
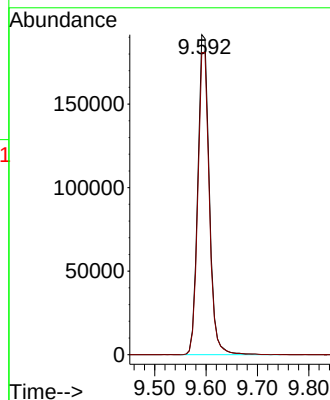
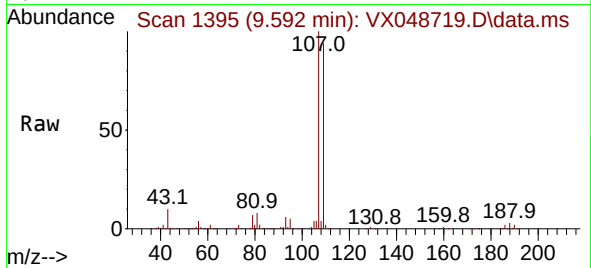




#61
1,2-Dibromoethane
Concen: 151.881 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

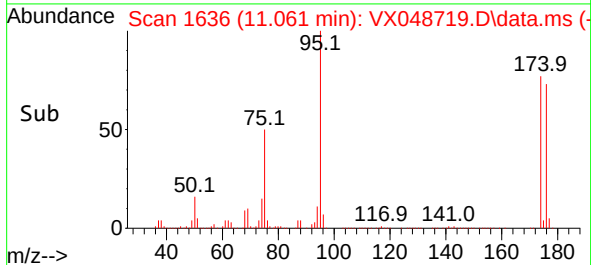
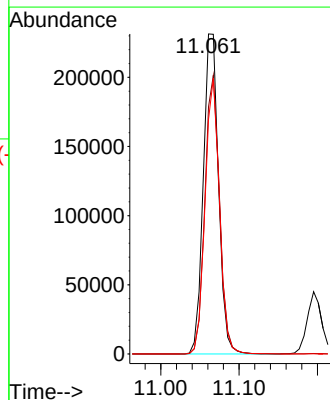
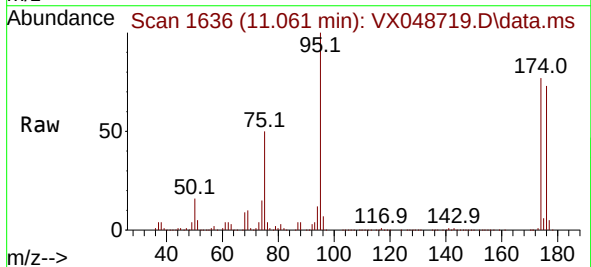
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

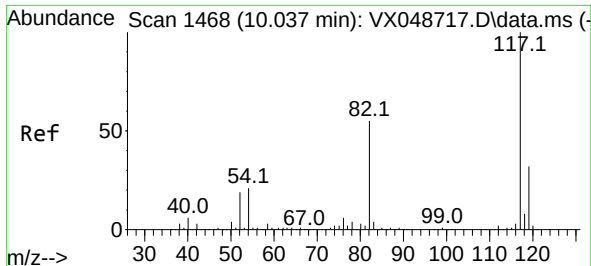
Tgt Ion:107 Resp: 296681
Ion Ratio Lower Upper
107 100
109 94.2 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 140.857 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 95 Resp: 311931
Ion Ratio Lower Upper
95 100
174 83.9 0.0 157.8
176 81.8 0.0 154.0

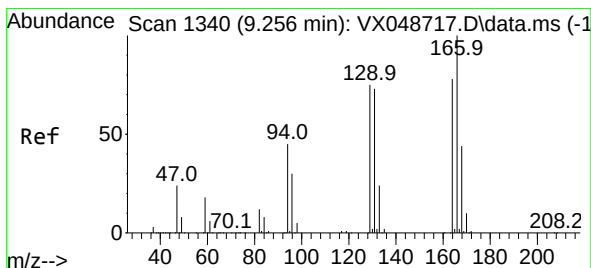
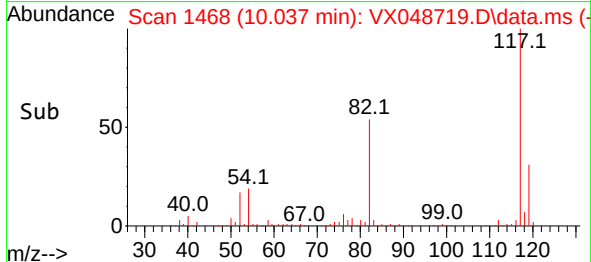
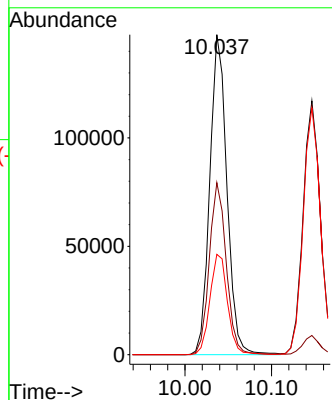
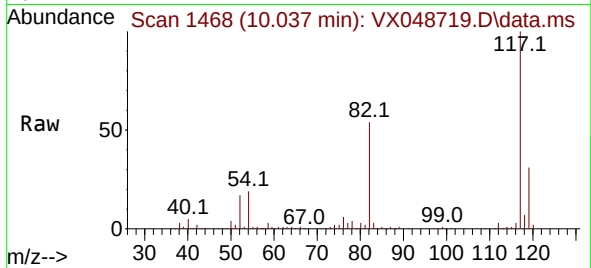




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

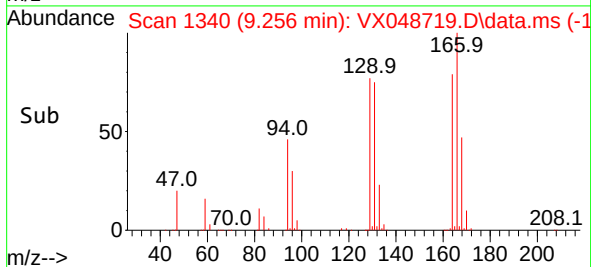
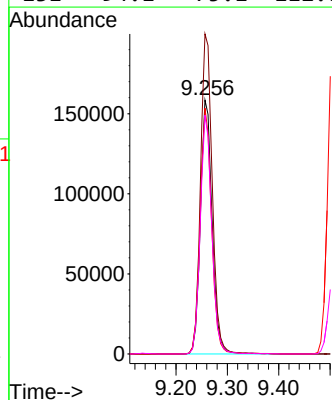
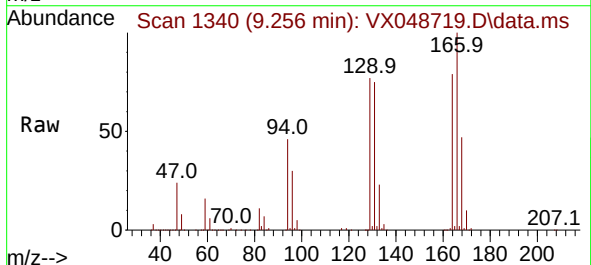
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

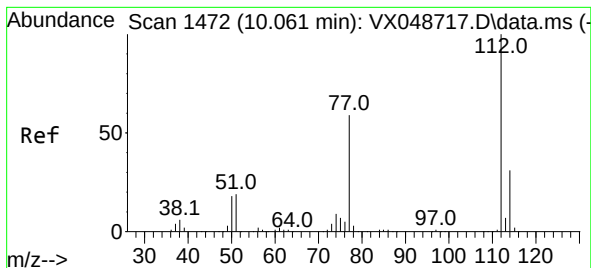
Tgt Ion:117 Resp: 202872
Ion Ratio Lower Upper
117 100
82 53.8 44.1 66.1
119 31.4 25.2 37.8



#64
Tetrachloroethene
Concen: 168.852 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion:164 Resp: 249690
Ion Ratio Lower Upper
164 100
166 126.1 103.1 154.7
129 96.8 76.9 115.3
131 94.1 75.1 112.7

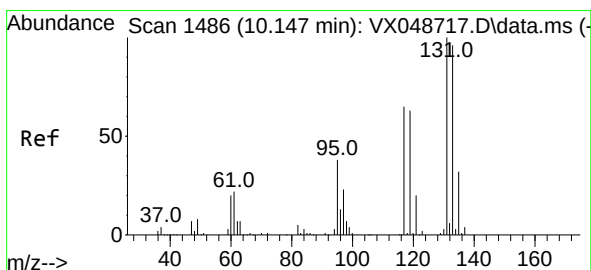
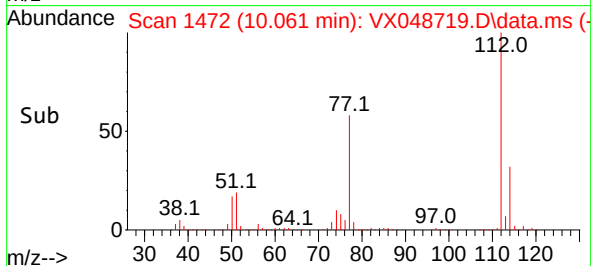
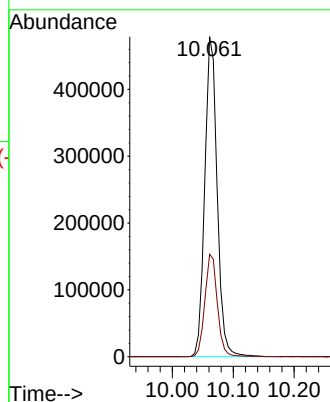
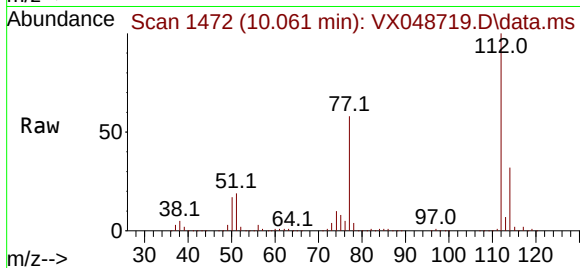




#65
Chlorobenzene
Concen: 152.550 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

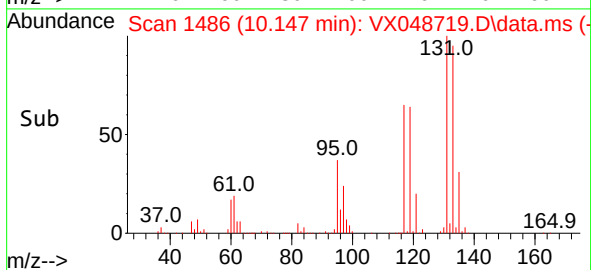
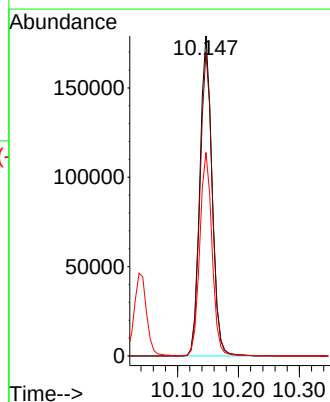
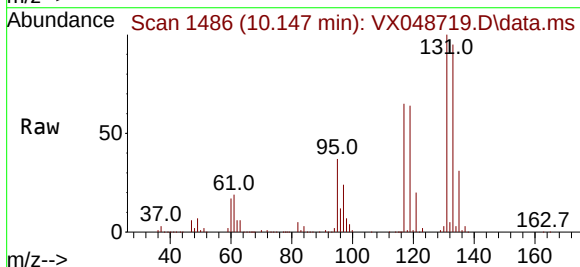
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

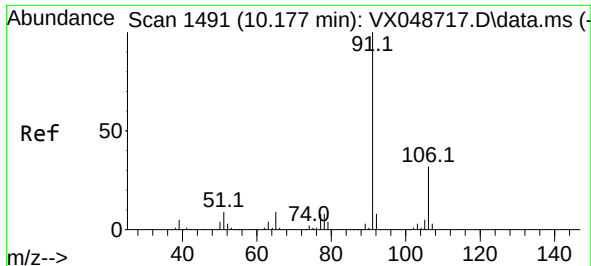
Tgt Ion:112 Resp: 677420
Ion Ratio Lower Upper
112 100
114 32.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 157.014 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion:131 Resp: 249387
Ion Ratio Lower Upper
131 100
133 95.8 48.3 144.8
119 64.0 32.6 97.7





#67

Ethyl Benzene

Concen: 159.619 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

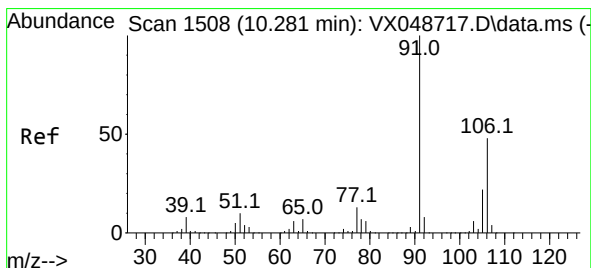
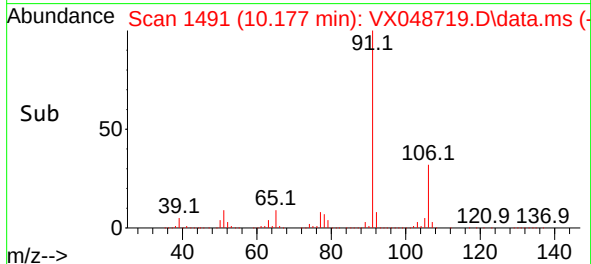
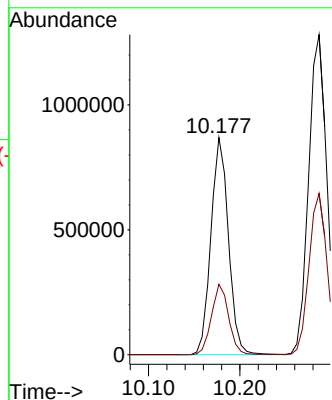
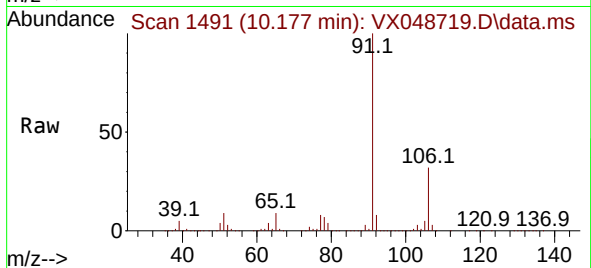
VSTDICC150

Tgt Ion: 91 Resp: 1156627

Ion Ratio Lower Upper

91 100

106 32.4 25.3 37.9



#68

m/p-Xylenes

Concen: 317.279 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VX048719.D

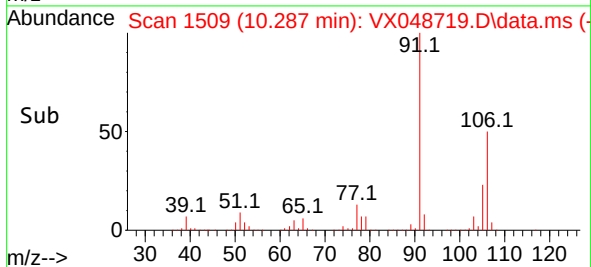
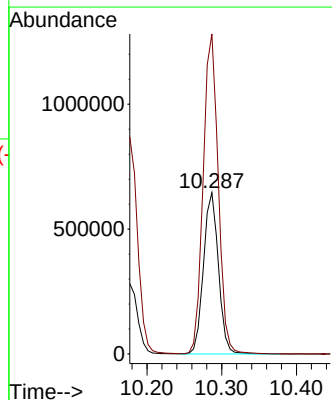
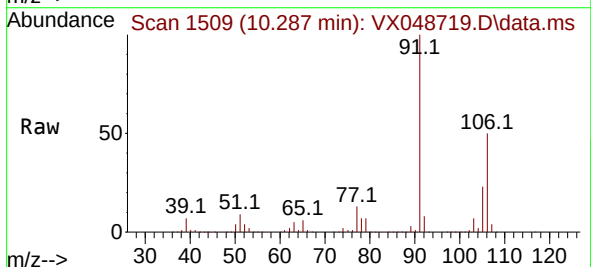
Acq: 04 Dec 2025 10:38

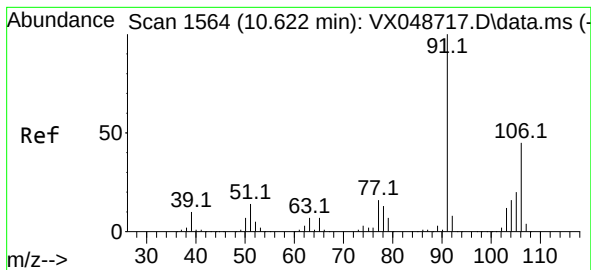
Tgt Ion:106 Resp: 895563

Ion Ratio Lower Upper

106 100

91 200.3 164.2 246.4





#69

o-Xylene

Concen: 163.848 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

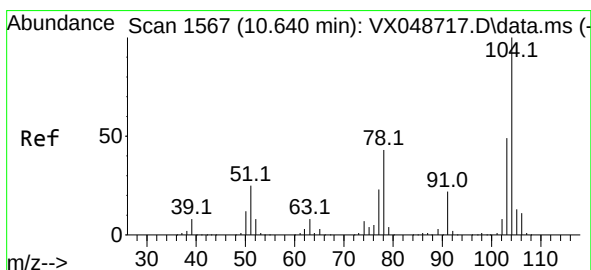
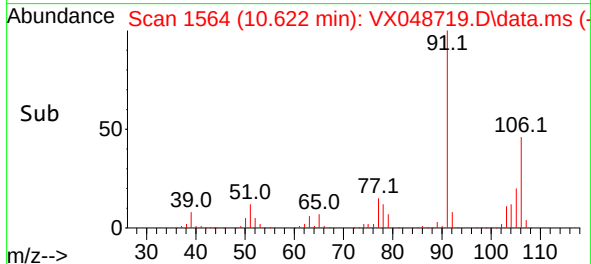
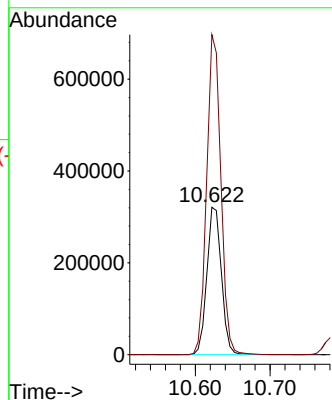
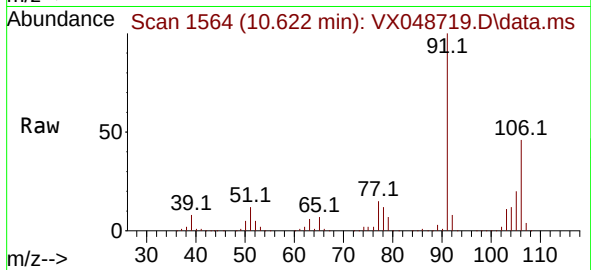
VSTDIC150

Tgt Ion:106 Resp: 433369

Ion Ratio Lower Upper

106 100

91 212.1 108.1 324.3



#70

Styrene

Concen: 163.967 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

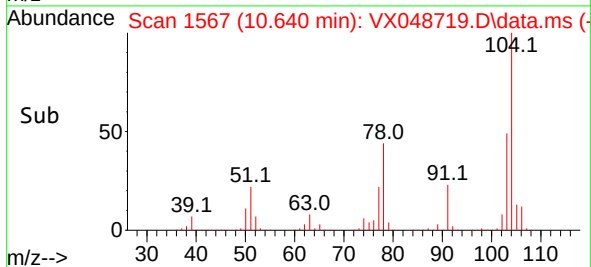
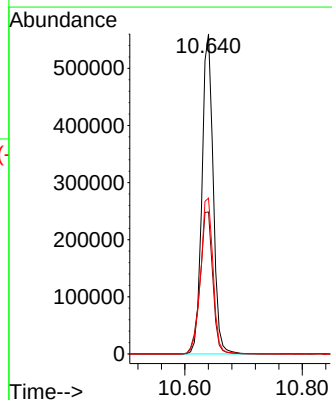
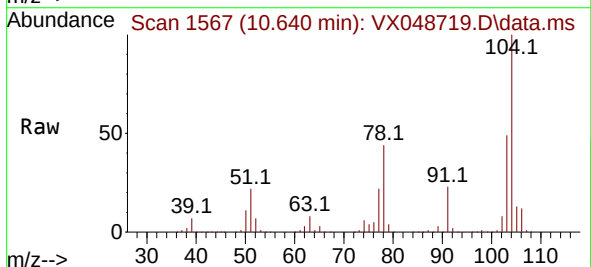
Tgt Ion:104 Resp: 744510

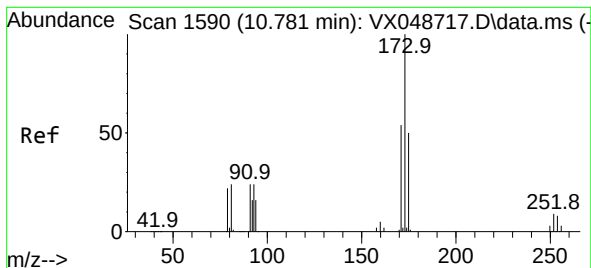
Ion Ratio Lower Upper

104 100

78 50.0 40.6 60.8

103 54.1 43.4 65.2





#71

Bromoform

Concen: 169.697 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

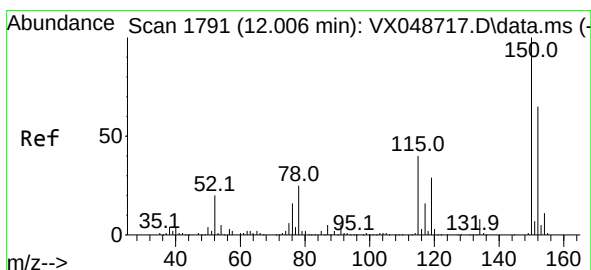
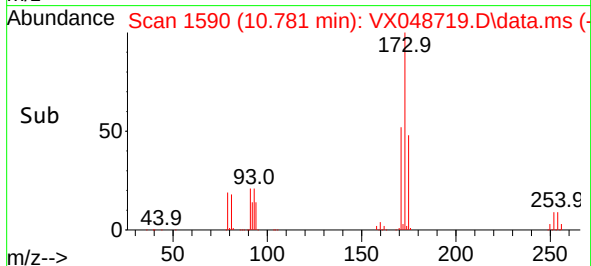
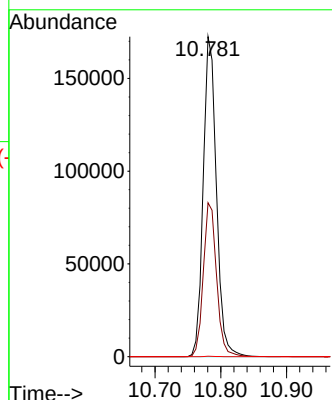
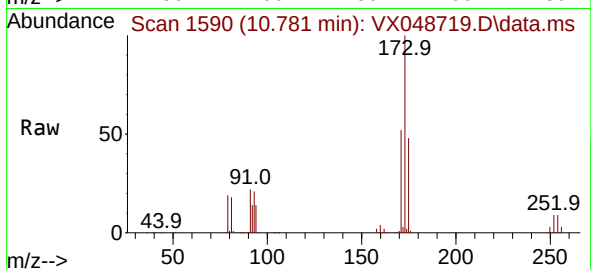
Tgt Ion:173 Resp: 240629

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

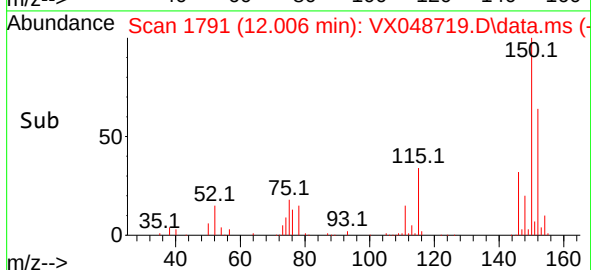
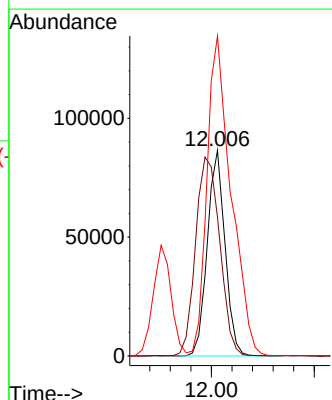
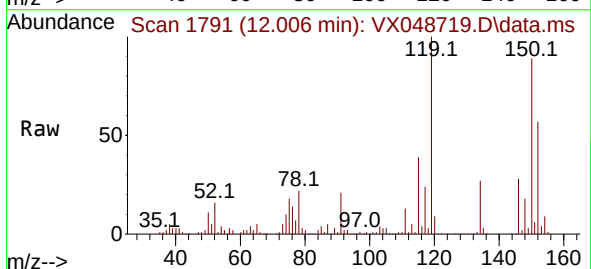
Tgt Ion:152 Resp: 103615

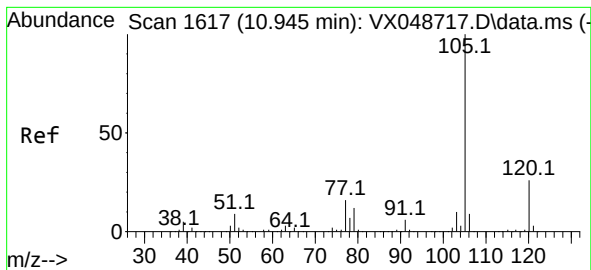
Ion Ratio Lower Upper

152 100

115 132.2 42.1 126.4#

150 211.3 0.0 347.8





#73

Isopropylbenzene

Concen: 159.651 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

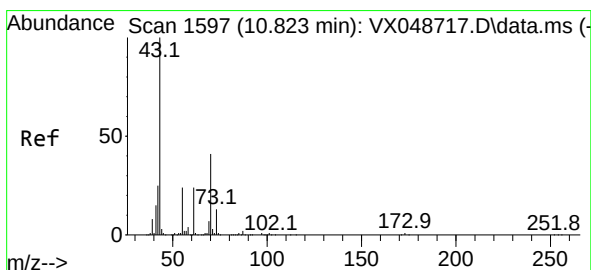
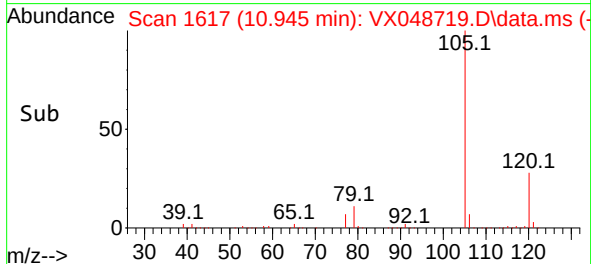
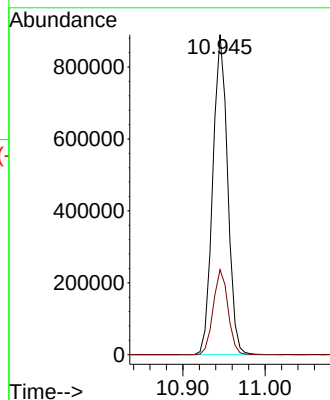
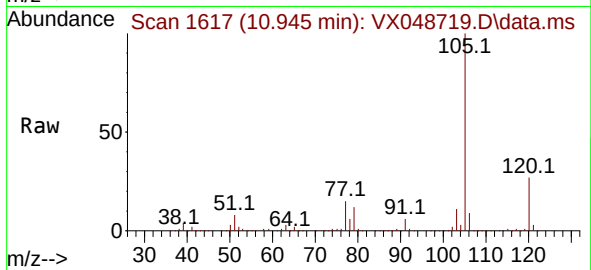
VSTDIC150

Tgt Ion:105 Resp: 1114762

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 161.092 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. 0.006 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Tgt Ion: 43 Resp: 488735

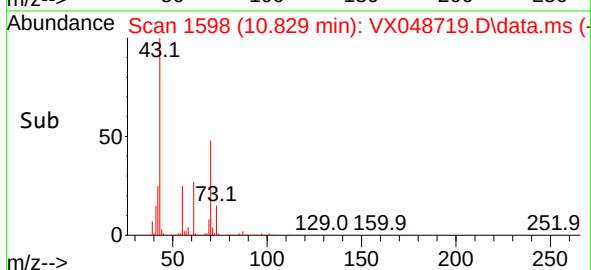
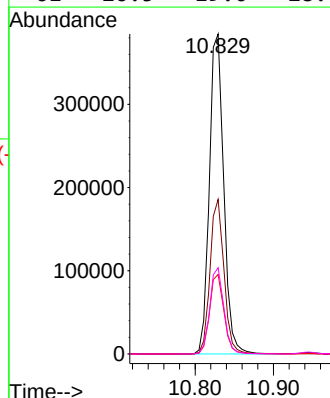
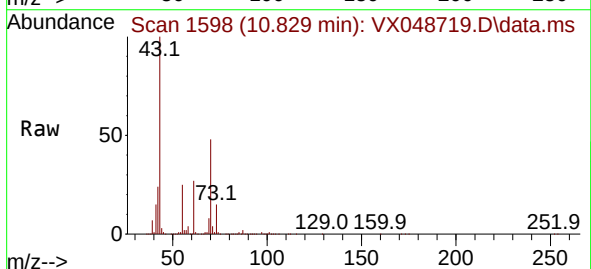
Ion Ratio Lower Upper

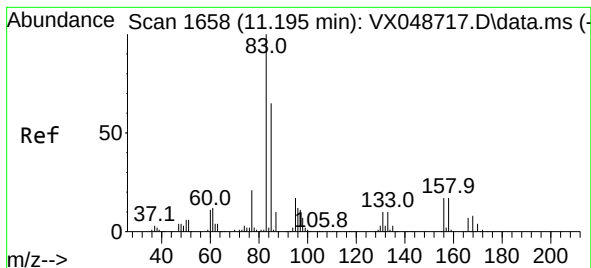
43 100

70 47.1 33.9 50.9

55 24.8 19.1 28.7

61 26.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 154.132 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

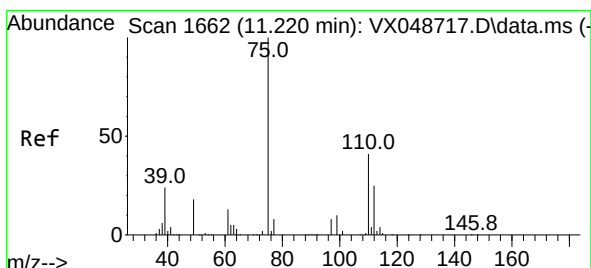
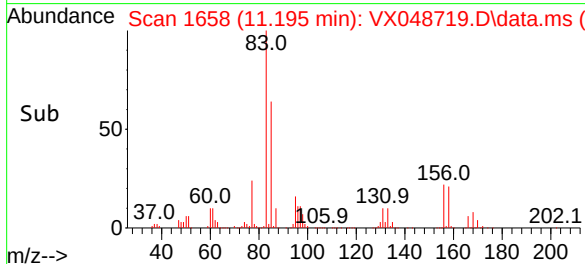
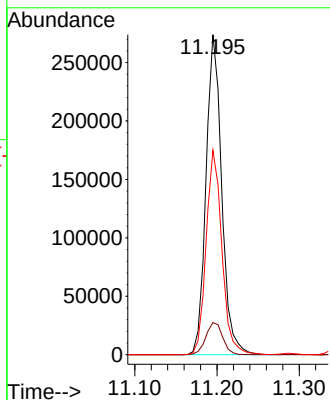
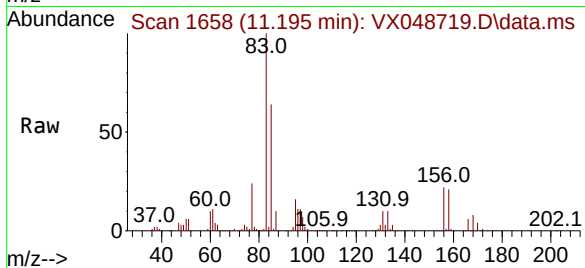
Tgt Ion: 83 Resp: 363135

Ion Ratio Lower Upper

83 100

131 10.8 4.9 14.7

85 64.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 217.654 ug/l

RT: 11.226 min Scan# 1663

Delta R.T. 0.006 min

Lab File: VX048719.D

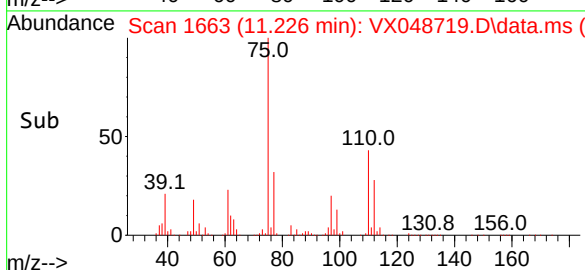
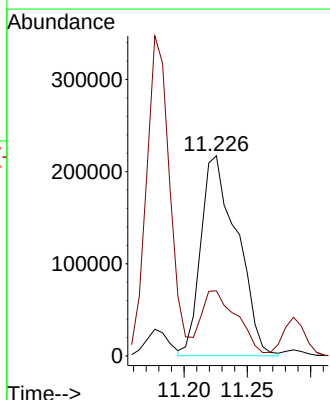
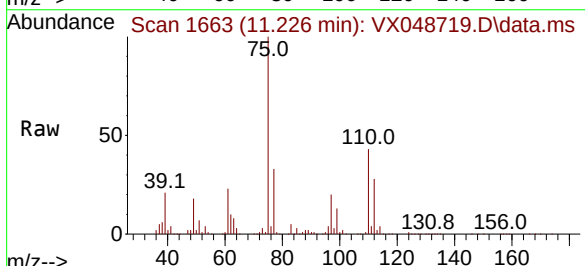
Acq: 04 Dec 2025 10:38

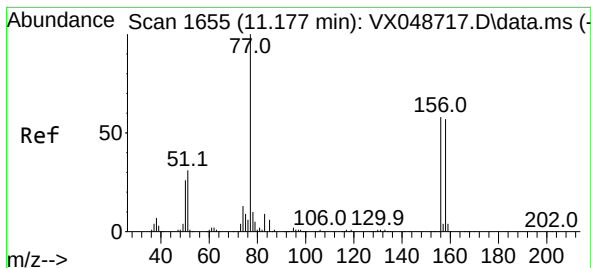
Tgt Ion: 75 Resp: 432691

Ion Ratio Lower Upper

75 100

77 31.4 24.3 73.0





#77

Bromobenzene

Concen: 160.928 ug/l

RT: 11.183 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

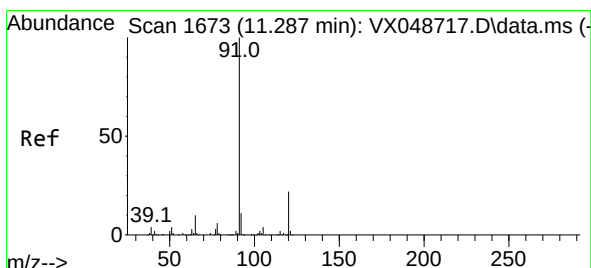
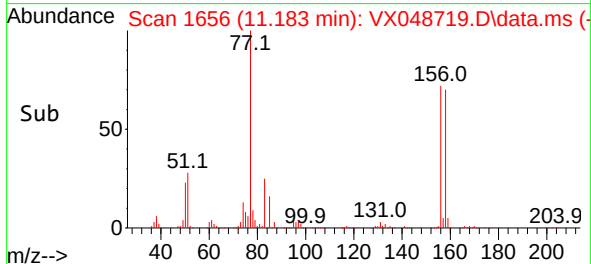
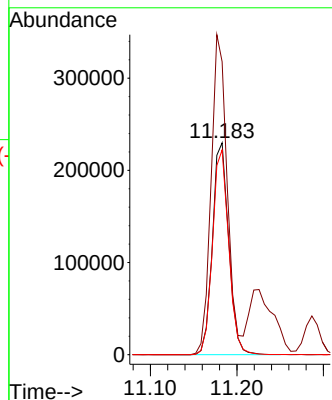
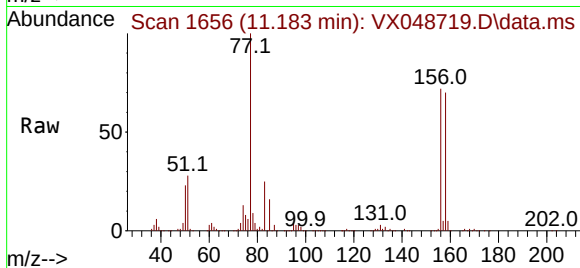
Tgt Ion:156 Resp: 299915

Ion Ratio Lower Upper

156 100

77 150.0 80.3 240.9

158 96.4 48.9 146.6



#78

n-propylbenzene

Concen: 158.861 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048719.D

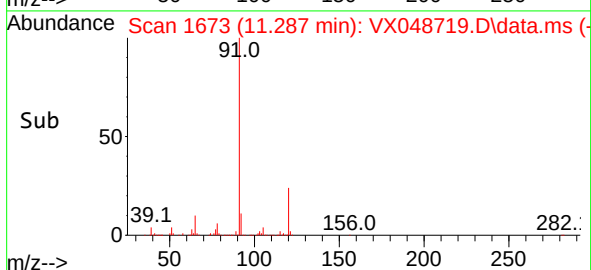
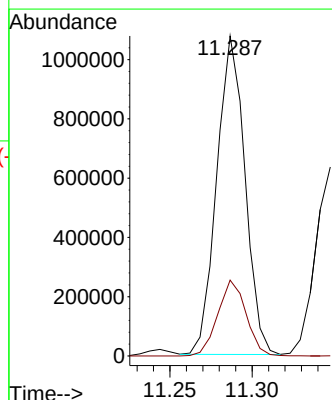
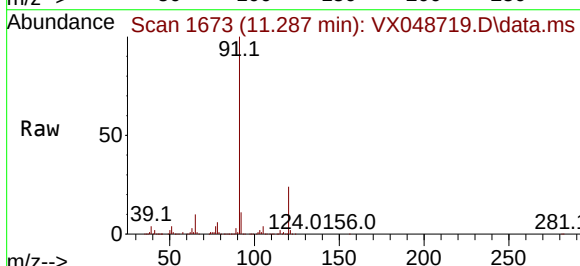
Acq: 04 Dec 2025 10:38

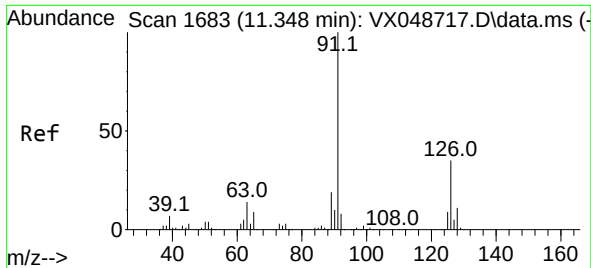
Tgt Ion: 91 Resp: 1284705

Ion Ratio Lower Upper

91 100

120 23.9 11.4 34.2

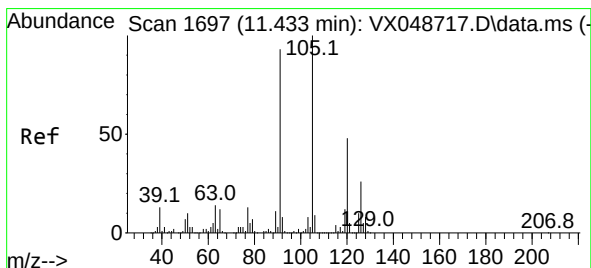
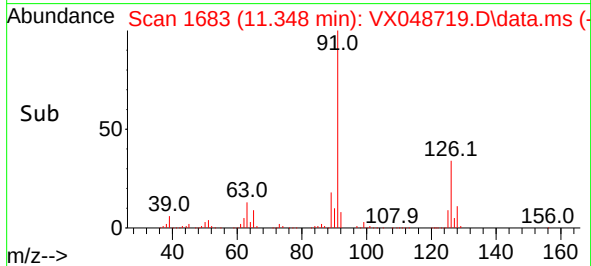
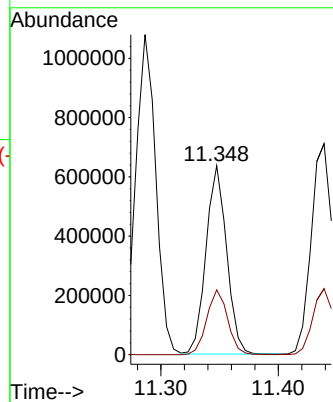
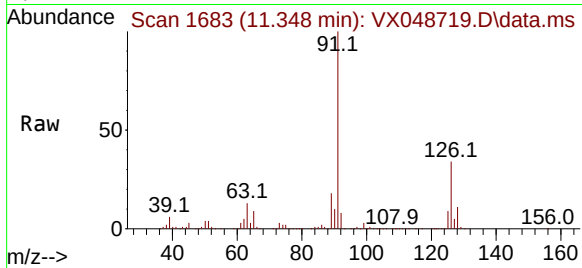




#79
2-Chlorotoluene
Concen: 157.137 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

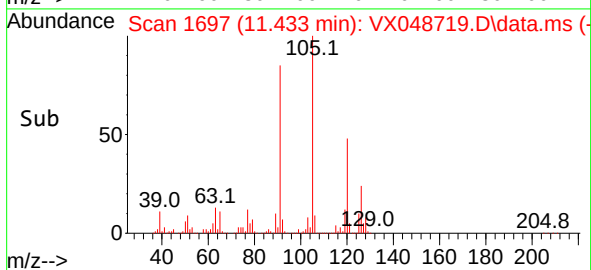
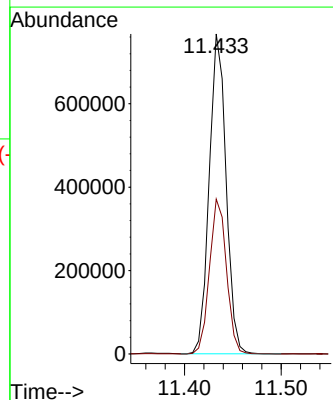
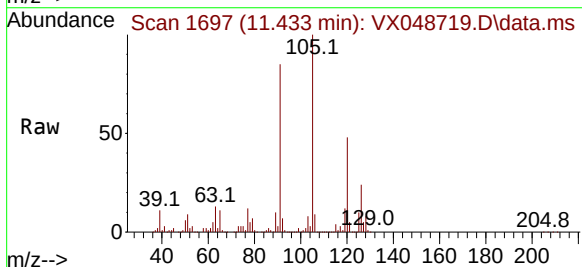
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

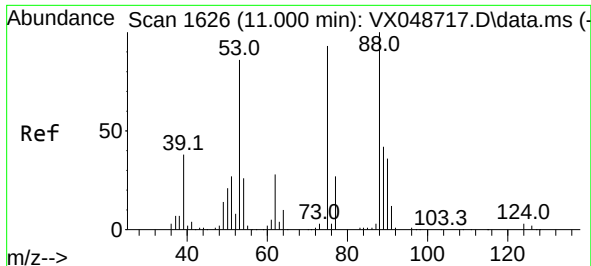
Tgt Ion: 91 Resp: 774892
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 161.286 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 105 Resp: 925692
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.2

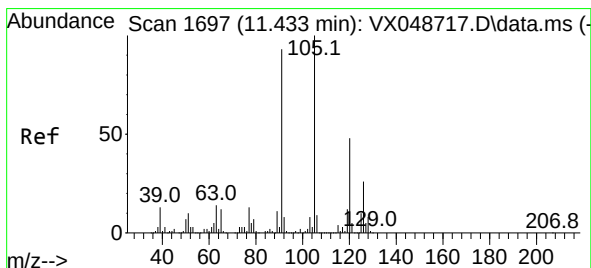
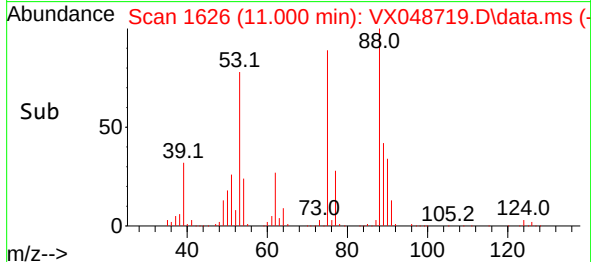
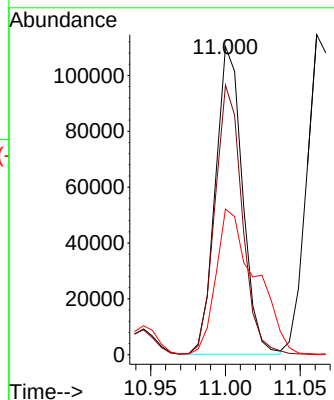
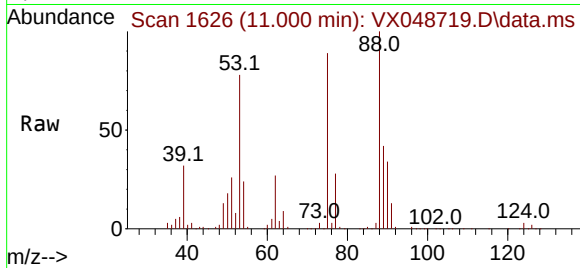




#81
trans-1,4-Dichloro-2-butene
Concen: 170.898 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

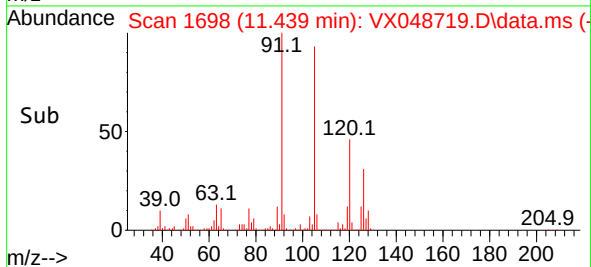
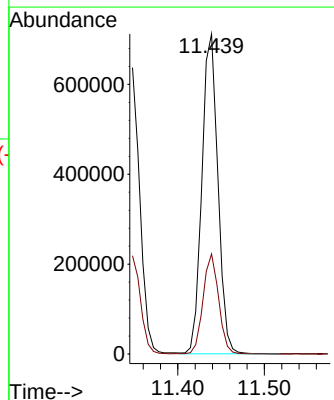
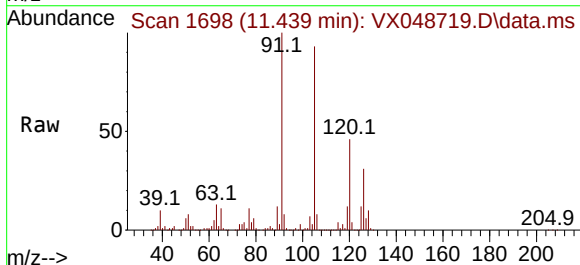
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

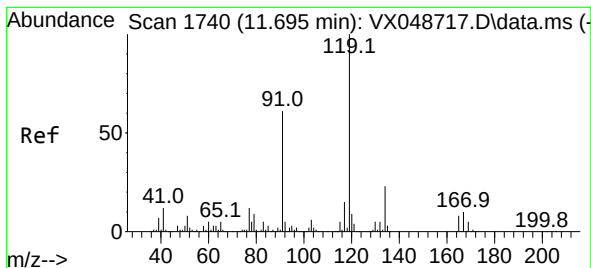
Tgt Ion: 75 Resp: 138844
Ion Ratio Lower Upper
75 100
53 88.0 79.9 119.9
89 69.4 67.1 100.7



#82
4-Chlorotoluene
Concen: 158.596 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048719.D
Acq: 04 Dec 2025 10:38

Tgt Ion: 91 Resp: 912659
Ion Ratio Lower Upper
91 100
126 30.4 14.7 44.1





#83

tert-Butylbenzene

Concen: 163.836 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

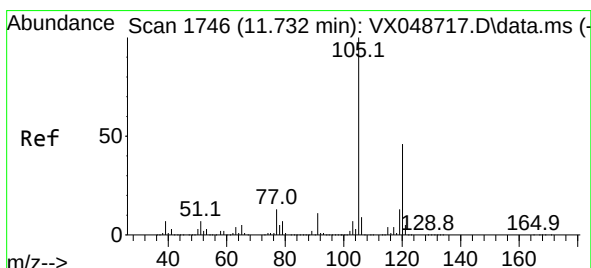
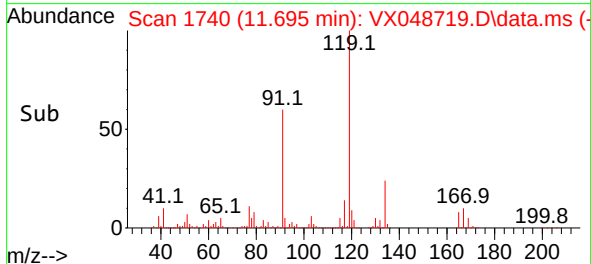
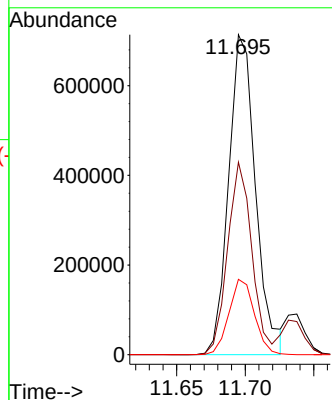
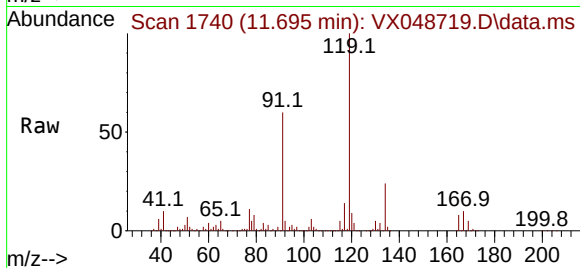
Tgt Ion:119 Resp: 977059

Ion Ratio Lower Upper

119 100

91 54.1 28.4 85.2

134 22.3 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 163.151 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048719.D

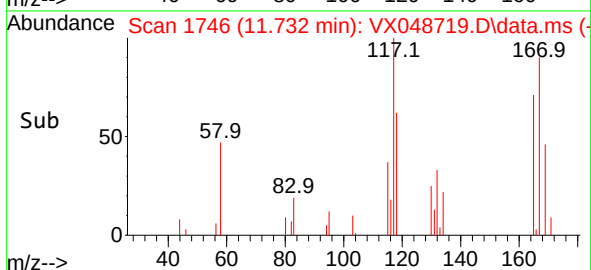
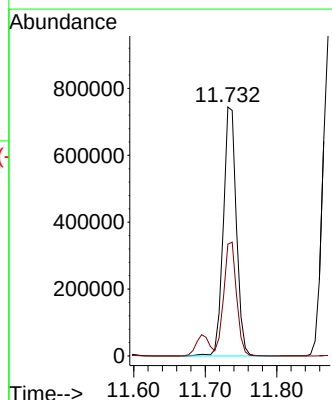
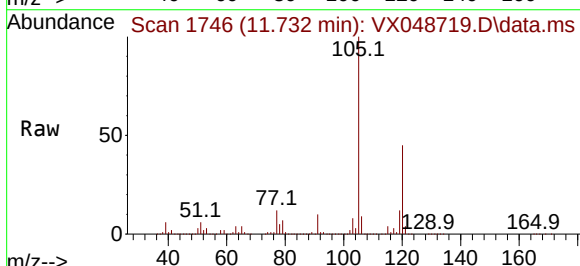
Acq: 04 Dec 2025 10:38

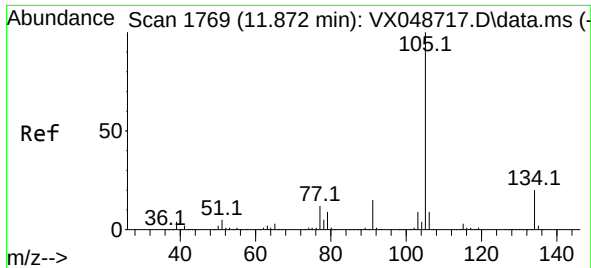
Tgt Ion:105 Resp: 944577

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.8

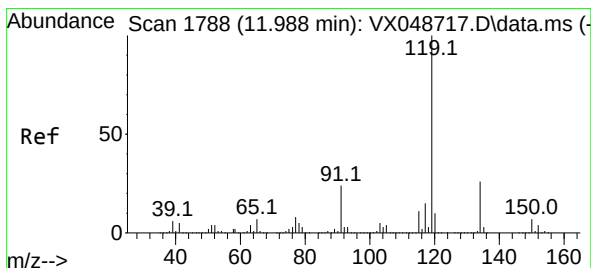
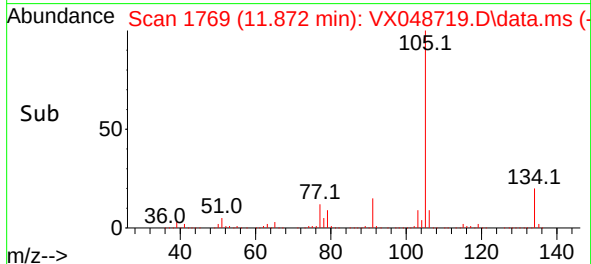
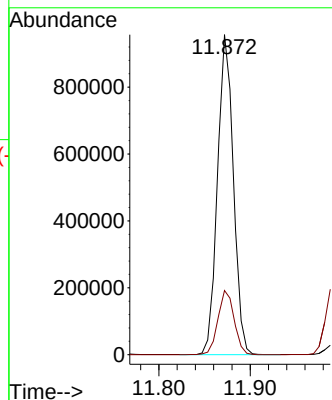
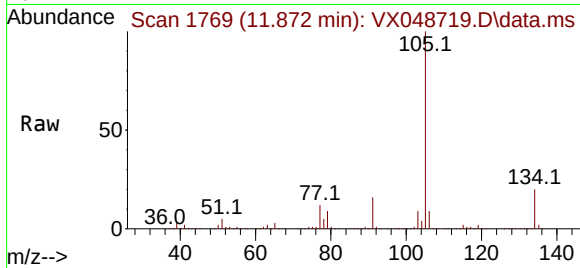




#85
 sec-Butylbenzene
 Concen: 160.357 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048719.D
 Acq: 04 Dec 2025 10:38

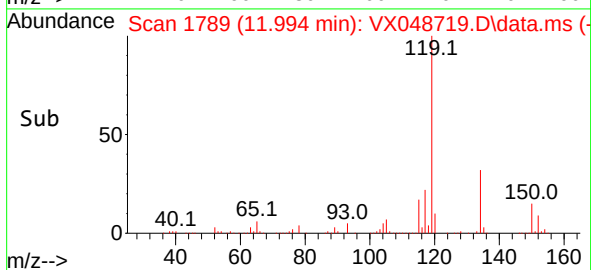
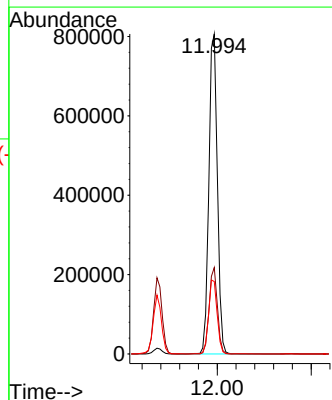
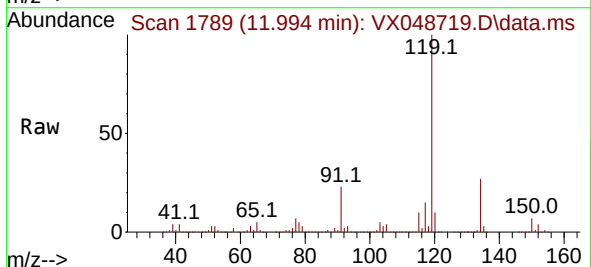
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

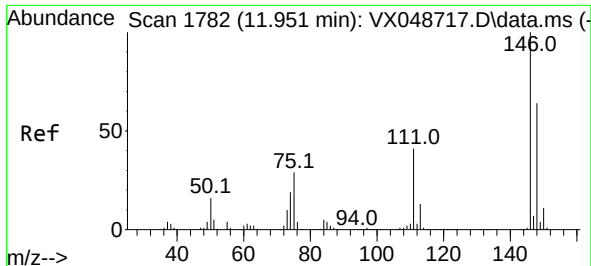
Tgt Ion:105 Resp: 1158976
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 162.823 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048719.D
 Acq: 04 Dec 2025 10:38

Tgt Ion:119 Resp: 1005907
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 23.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 158.914 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

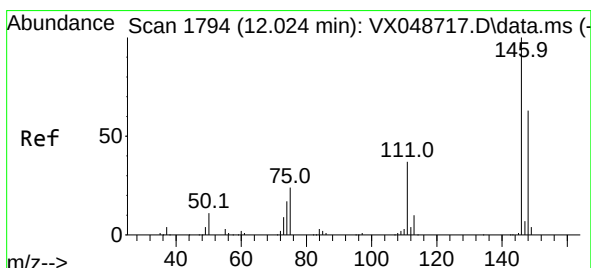
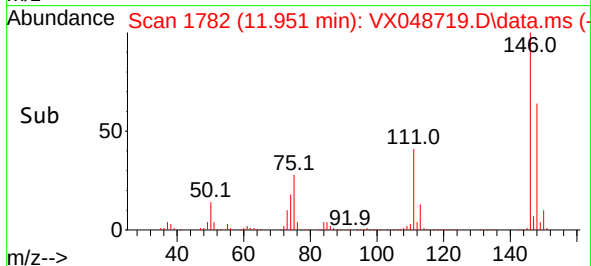
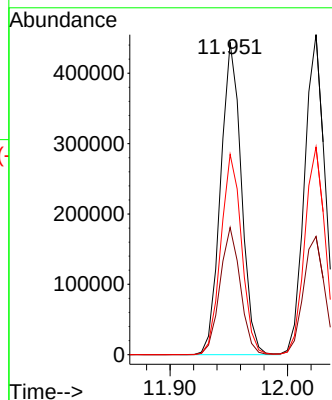
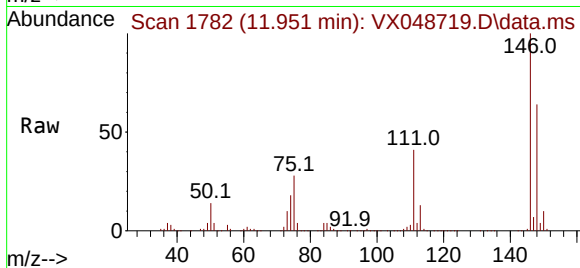
Tgt Ion:146 Resp: 545971

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.8

148 64.2 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 155.418 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

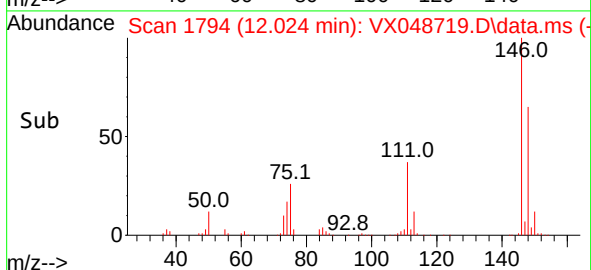
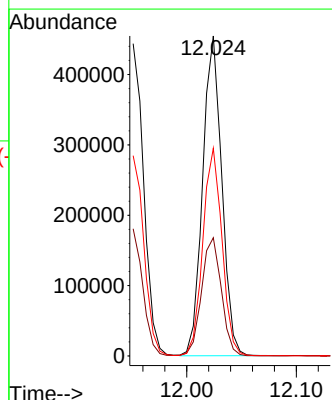
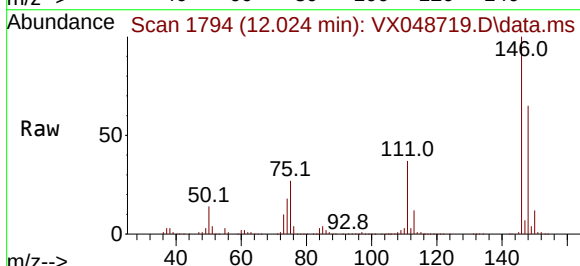
Tgt Ion:146 Resp: 551782

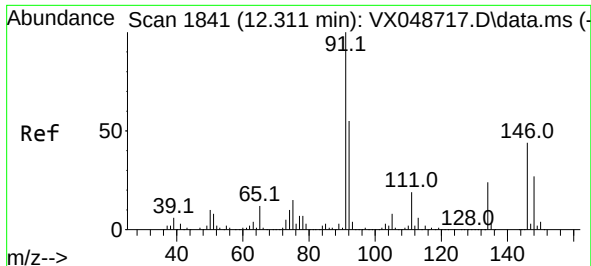
Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

148 64.9 31.6 94.7





#89

n-Butylbenzene

Concen: 156.349 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

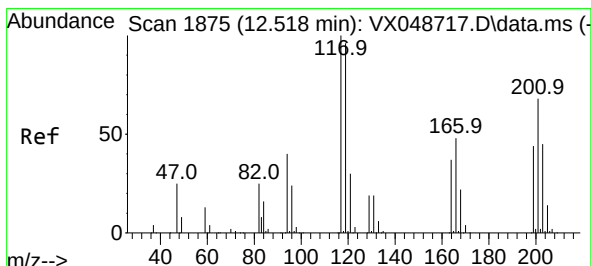
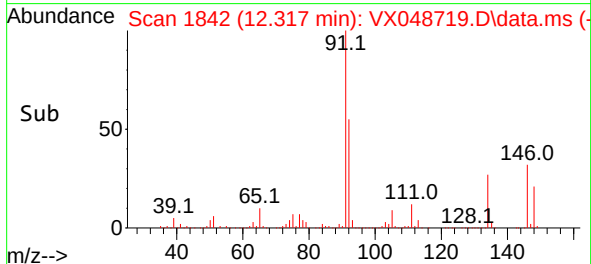
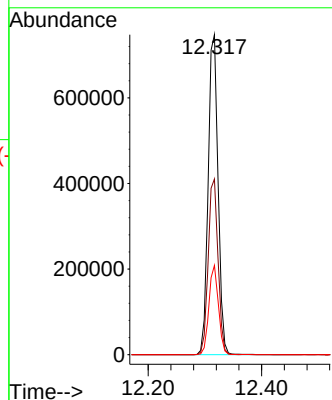
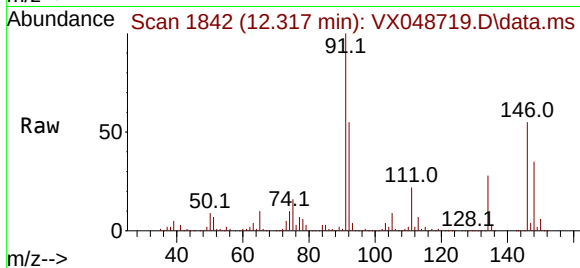
Tgt Ion: 91 Resp: 904369

Ion Ratio Lower Upper

91 100

92 54.8 27.1 81.3

134 26.9 12.9 38.6



#90

Hexachloroethane

Concen: 177.022 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048719.D

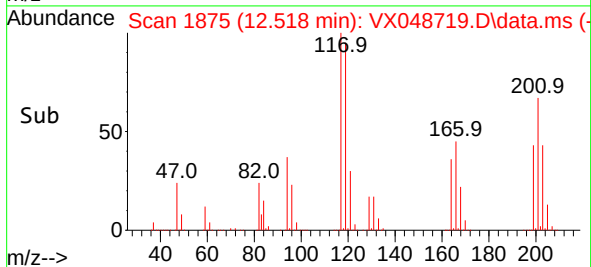
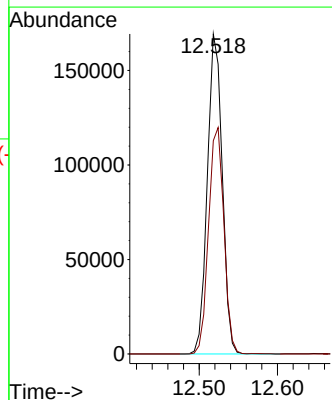
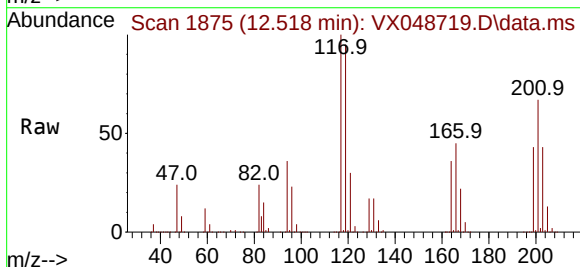
Acq: 04 Dec 2025 10:38

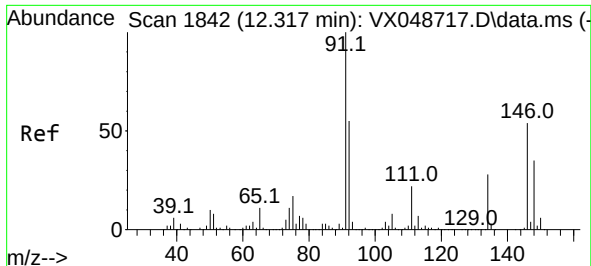
Tgt Ion: 117 Resp: 223207

Ion Ratio Lower Upper

117 100

201 72.8 36.4 109.1

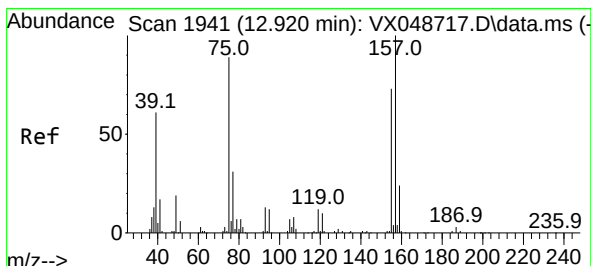
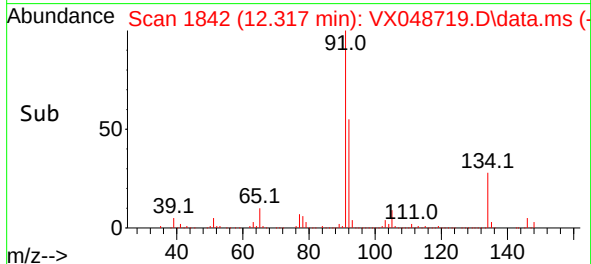
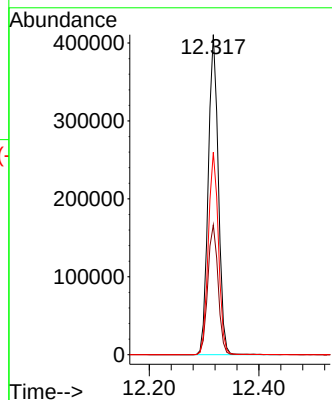
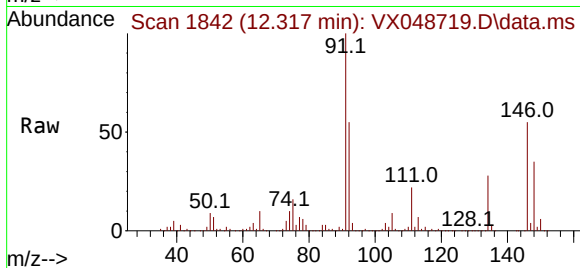




#91
 1,2-Dichlorobenzene
 Concen: 156.808 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VX048719.D
 Acq: 04 Dec 2025 10:38

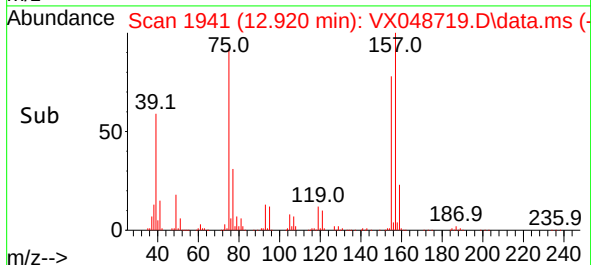
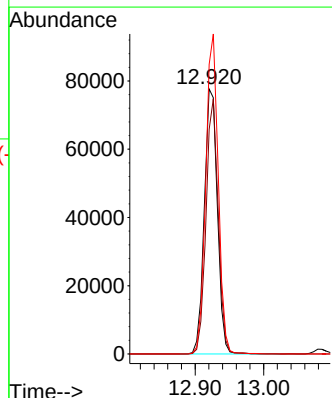
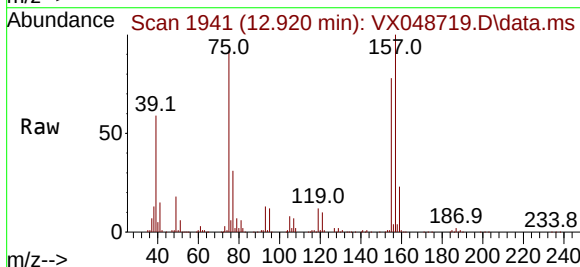
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

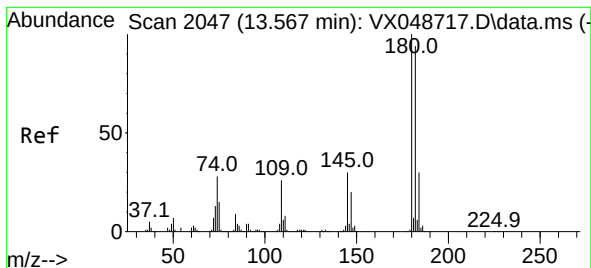
Tgt Ion:146 Resp: 522301
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.5
 148 63.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 179.963 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VX048719.D
 Acq: 04 Dec 2025 10:38

Tgt Ion: 75 Resp: 103188
 Ion Ratio Lower Upper
 75 100
 155 89.9 43.0 129.2
 157 115.3 56.0 168.2





#93

1,2,4-Trichlorobenzene

Concen: 182.988 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

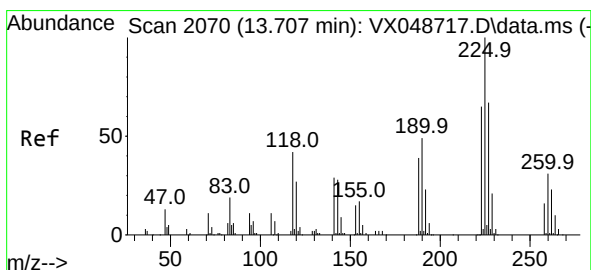
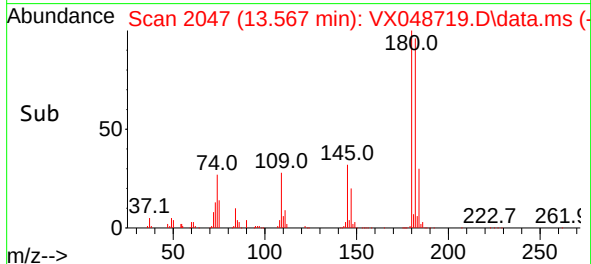
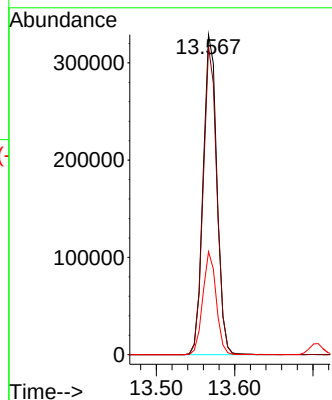
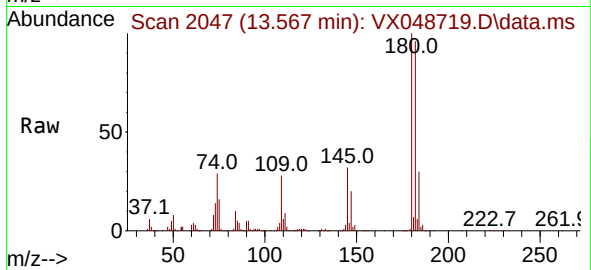
Tgt Ion:180 Resp: 402548

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.8

145 31.3 15.1 45.3



#94

Hexachlorobutadiene

Concen: 157.291 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

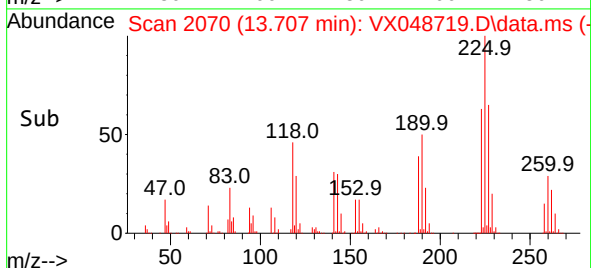
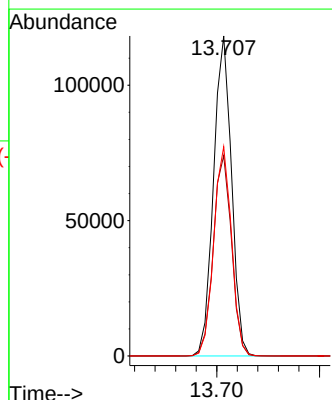
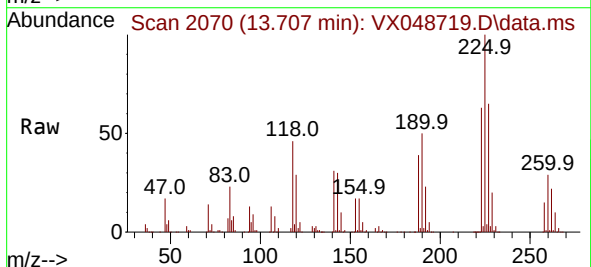
Tgt Ion:225 Resp: 143127

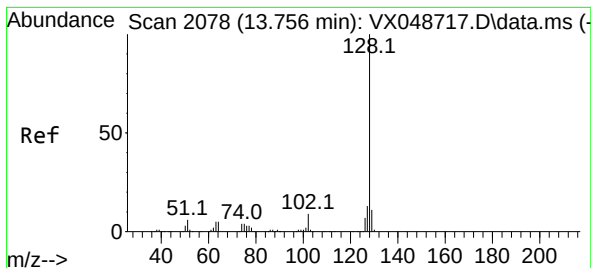
Ion Ratio Lower Upper

225 100

223 63.5 33.0 98.9

227 64.8 32.9 98.7





#95

Naphthalene

Concen: 150.662 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

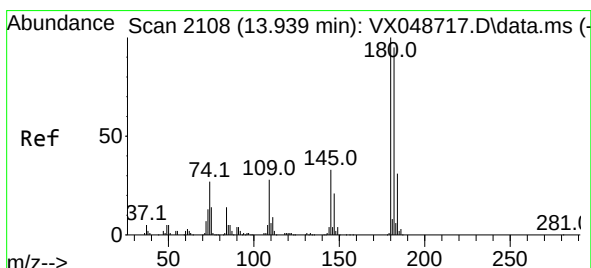
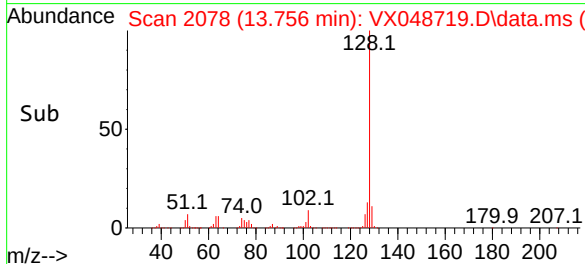
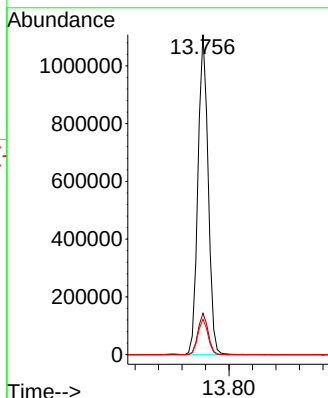
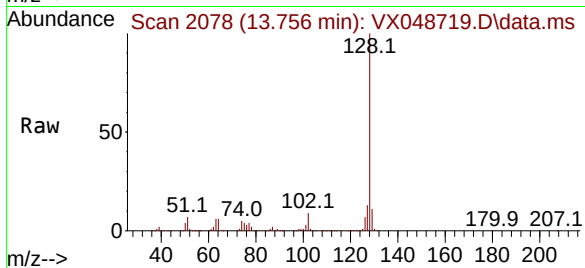
Tgt Ion:128 Resp: 1330400

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 184.254 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048719.D

Acq: 04 Dec 2025 10:38

Tgt Ion:180 Resp: 373809

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.2

145 33.2 16.6 49.8

