

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
 Data File : VX048404.D
 Acq On : 29 Oct 2025 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 30 02:17:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:16:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	139477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	240285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	106746	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.940	65	93731	46.728	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.460%
35) Dibromofluoromethane	5.373	113	60699	44.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.620%
50) Toluene-d8	8.629	98	250646	41.447	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	82.900%#
62) 4-Bromofluorobenzene	11.061	95	96643	42.721	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.440%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	52714	37.051	ug/l	97
3) Chloromethane	1.301	50	32017	39.886	ug/l	100
4) Vinyl Chloride	1.380	62	74880	40.383	ug/l	100
5) Bromomethane	1.611	94	32130	47.968	ug/l	98
6) Chloroethane	1.691	64	47865	43.406	ug/l	98
7) Trichlorofluoromethane	1.892	101	116802	41.106	ug/l	99
8) Diethyl Ether	2.130	74	51394	50.045	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	67922	42.496	ug/l	97
10) Methyl Iodide	2.453	142	290458	45.194	ug/l	98
11) Tert butyl alcohol	2.934	59	46234	300.847	ug/l	98
12) 1,1-Dichloroethene	2.325	96	69309	42.692	ug/l	93
13) Acrolein	2.233	56	54845	170.974	ug/l	100
14) Allyl chloride	2.660	41	126639	46.063	ug/l	98
15) Acrylonitrile	3.050	53	185405	265.197	ug/l	99
16) Acetone	2.374	43	117578	258.627	ug/l	96
17) Carbon Disulfide	2.514	76	184792	39.698	ug/l	100
18) Methyl Acetate	2.697	43	81992	53.924	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	270039	51.943	ug/l	99
20) Methylene Chloride	2.788	84	87089	49.695	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	78076	45.278	ug/l	99
22) Diisopropyl ether	3.745	45	290159	51.562	ug/l	96
23) Vinyl Acetate	3.709	43	1008692	263.320	ug/l	99
24) 1,1-Dichloroethane	3.599	63	153559	48.083	ug/l	99
25) 2-Butanone	4.532	43	191931	264.270	ug/l	98
26) 2,2-Dichloropropane	4.465	77	124160	45.153	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	99280	48.241	ug/l	97
28) Bromochloromethane	4.879	49	67958	46.953	ug/l	95
29) Tetrahydrofuran	4.977	42	137607	266.054	ug/l	97
30) Chloroform	5.080	83	160562	48.874	ug/l	98
31) Cyclohexane	5.452	56	113642	40.994	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	132175	45.574	ug/l	99
36) 1,1-Dichloropropene	5.672	75	96963	42.147	ug/l	98
37) Ethyl Acetate	4.690	43	105272	53.709	ug/l	98
38) Carbon Tetrachloride	5.660	117	111969	42.153	ug/l	98
39) Methylcyclohexane	7.360	83	119162	40.278	ug/l	95
40) Benzene	6.019	78	325326	46.288	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
 Data File : VX048404.D
 Acq On : 29 Oct 2025 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 30 02:17:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:16:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	54309	55.009	ug/l	98
42) 1,2-Dichloroethane	6.068	62	123177	49.757	ug/l	98
43) Isopropyl Acetate	6.318	43	169823	52.479	ug/l	98
44) Trichloroethene	7.104	130	82003	44.533	ug/l	99
45) 1,2-Dichloropropane	7.409	63	85024	48.440	ug/l	96
46) Dibromomethane	7.562	93	60622	49.336	ug/l	96
47) Bromodichloromethane	7.806	83	130971	50.166	ug/l	97
48) Methyl methacrylate	7.671	41	84652	53.642	ug/l	97
49) 1,4-Dioxane	7.641	88	20138	1122.716	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	472344	262.275	ug/l	94
52) Toluene	8.702	92	202143	46.029	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	122033	51.570	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	127943	50.183	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	80840	50.866	ug/l	99
56) Ethyl methacrylate	9.098	69	121557	52.235	ug/l	98
57) 1,3-Dichloropropane	9.293	76	137567	49.922	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	331466	239.548	ug/l	97
59) 2-Hexanone	9.415	43	311950	266.206	ug/l	97
60) Dibromochloromethane	9.506	129	99169	50.453	ug/l	99
61) 1,2-Dibromoethane	9.592	107	82296	50.054	ug/l	99
64) Tetrachloroethene	9.256	164	75051	42.906	ug/l	99
65) Chlorobenzene	10.061	112	229581	45.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	82767	48.627	ug/l	99
67) Ethyl Benzene	10.177	91	382808	45.436	ug/l	98
68) m/p-Xylenes	10.281	106	291399	91.346	ug/l	98
69) o-Xylene	10.622	106	142403	46.713	ug/l	97
70) Styrene	10.640	104	250623	48.531	ug/l	99
71) Bromoform	10.781	173	62757	50.968	ug/l #	100
73) Isopropylbenzene	10.945	105	360043	45.601	ug/l	98
74) N-amyl acetate	10.823	43	147178	52.254	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	101575	50.791	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	108755	65.323	ug/l	80
77) Bromobenzene	11.177	156	92796	47.579	ug/l	97
78) n-propylbenzene	11.287	91	425369	45.583	ug/l	98
79) 2-Chlorotoluene	11.348	91	261414	46.658	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	303789	46.938	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	23481	52.932	ug/l #	67
82) 4-Chlorotoluene	11.433	91	307615	46.704	ug/l	98
83) tert-Butylbenzene	11.695	119	308286	46.788	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	308568	48.151	ug/l	100
85) sec-Butylbenzene	11.872	105	375293	45.712	ug/l	100
86) p-Isopropyltoluene	11.988	119	321739	46.355	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	168477	45.232	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	170553	44.958	ug/l	99
89) n-Butylbenzene	12.311	91	293856	45.093	ug/l	99
90) Hexachloroethane	12.518	117	55714	45.682	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	164607	47.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19970	50.994	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	111823	46.950	ug/l	99
94) Hexachlorobutadiene	13.707	225	43310	43.350	ug/l	97
95) Naphthalene	13.756	128	314678	52.312	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	106591	49.269	ug/l	99

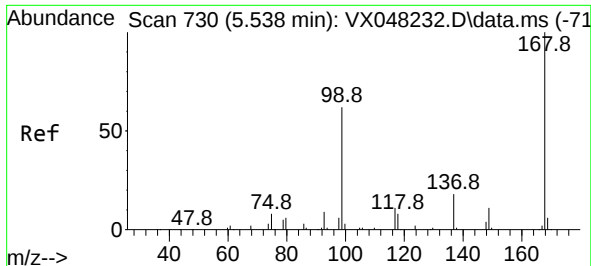
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048404.D
Acq On : 29 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 30 02:17:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

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

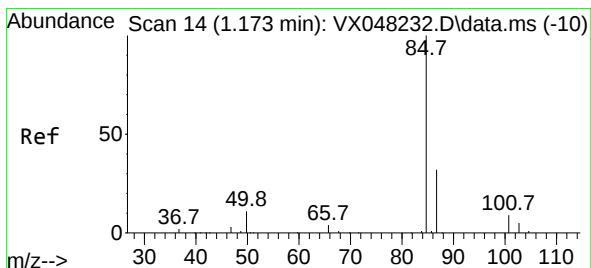
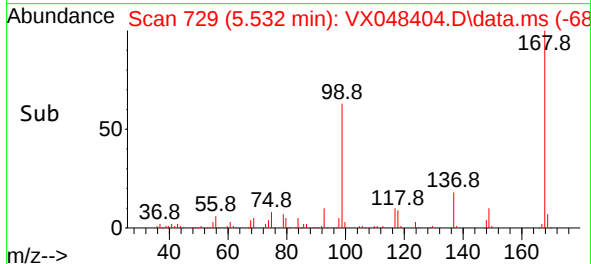
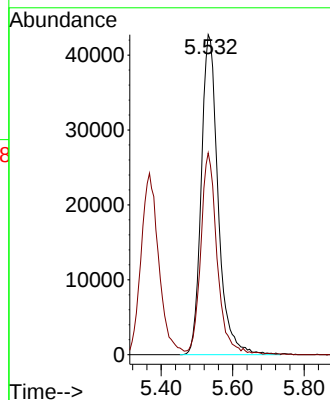
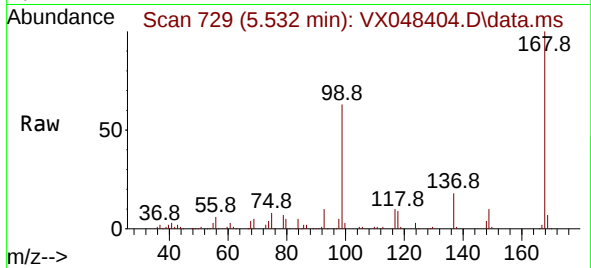
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

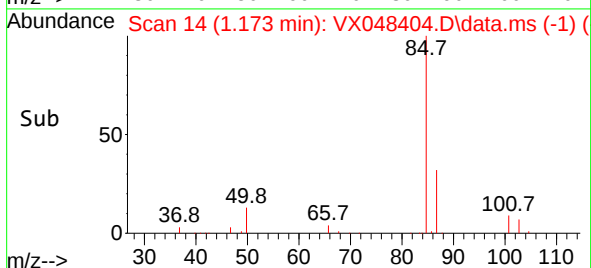
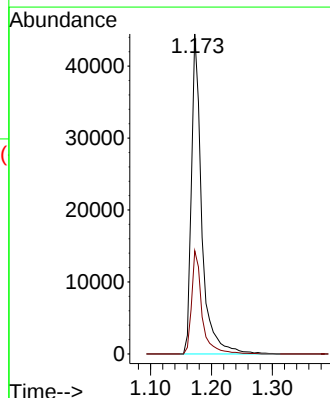
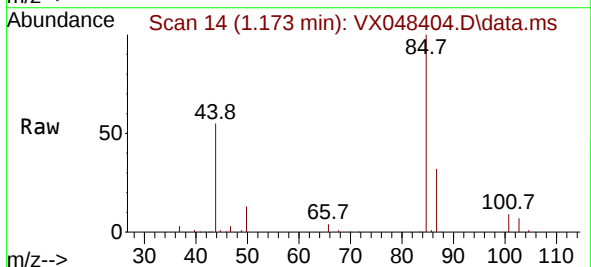
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

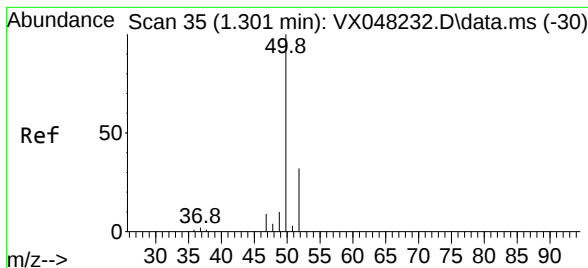
Tgt Ion:168 Resp: 139477
Ion Ratio Lower Upper
168 100
99 62.8 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 37.051 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 85 Resp: 52714
Ion Ratio Lower Upper
85 100
87 32.3 15.3 45.9





#3

Chloromethane

Concen: 39.886 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

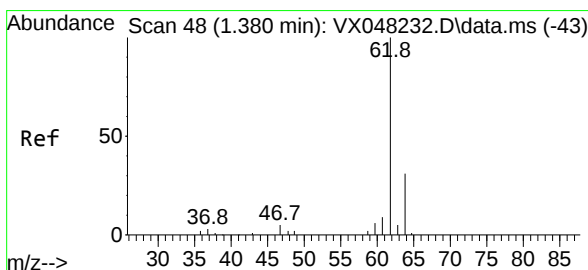
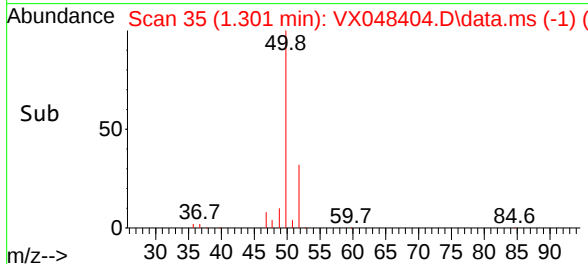
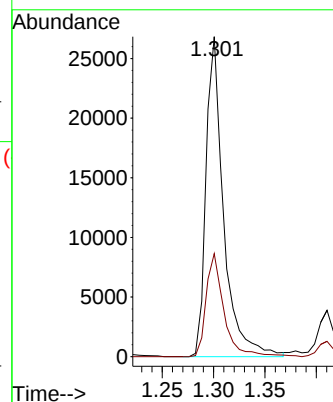
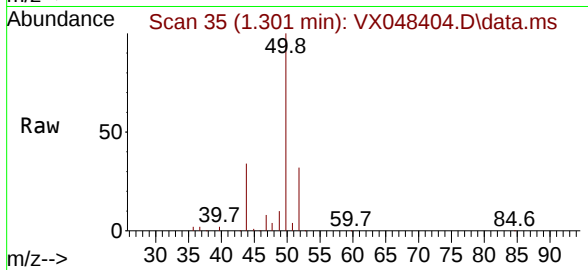
VSTDCCC050

Tgt Ion: 50 Resp: 32017

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 40.383 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.000 min

Lab File: VX048404.D

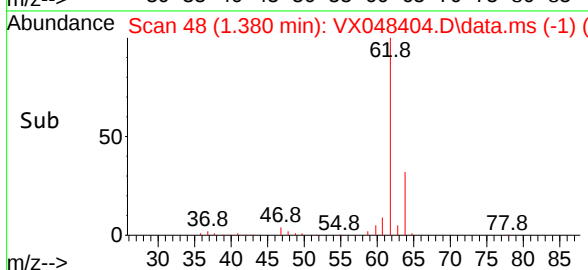
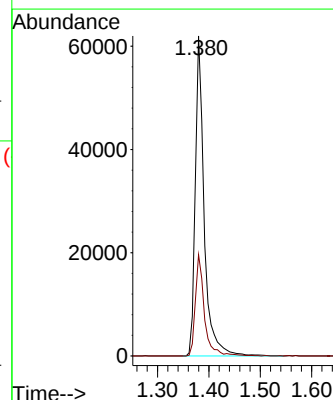
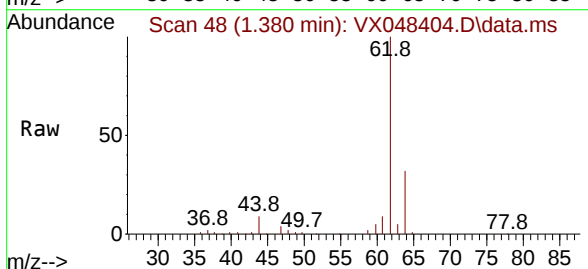
Acq: 29 Oct 2025 10:02

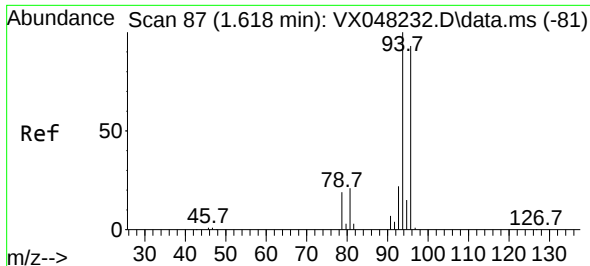
Tgt Ion: 62 Resp: 74880

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7

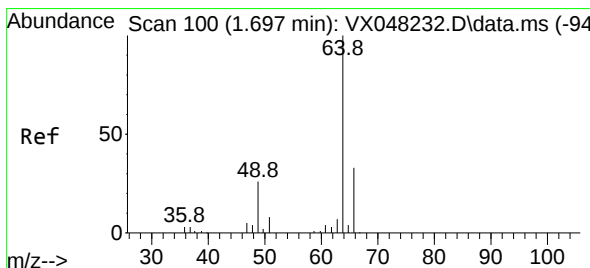
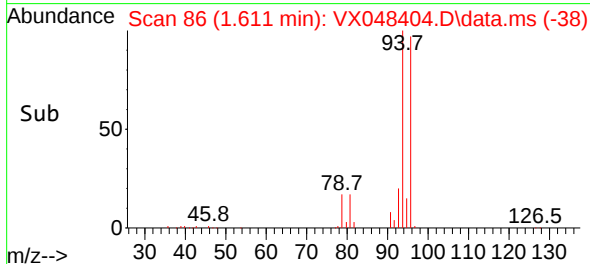
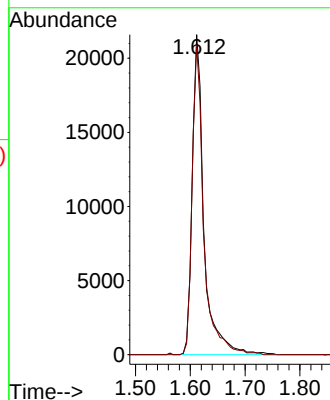
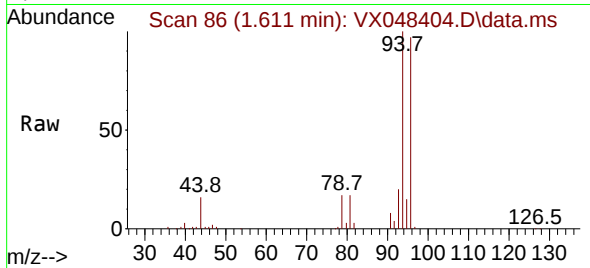




#5
Bromomethane
Concen: 47.968 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

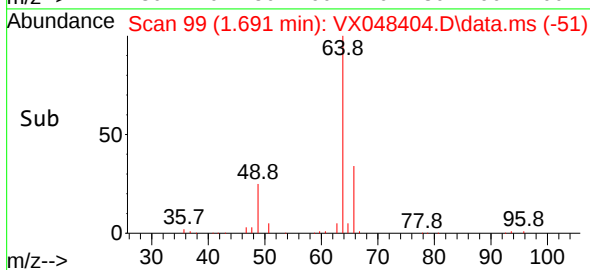
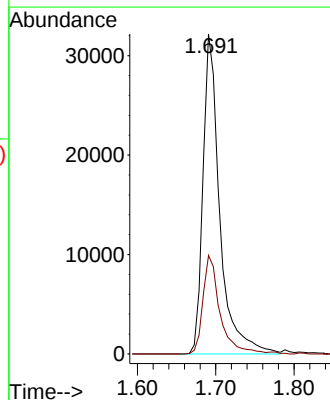
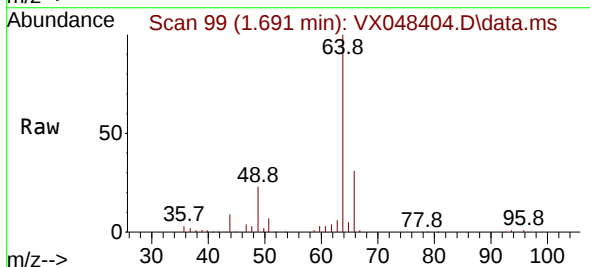
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

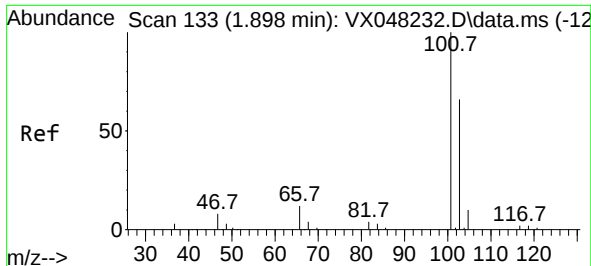
Tgt Ion: 94 Resp: 32130
Ion Ratio Lower Upper
94 100
96 96.7 76.0 114.0



#6
Chloroethane
Concen: 43.406 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 64 Resp: 47865
Ion Ratio Lower Upper
64 100
66 30.8 23.9 35.9

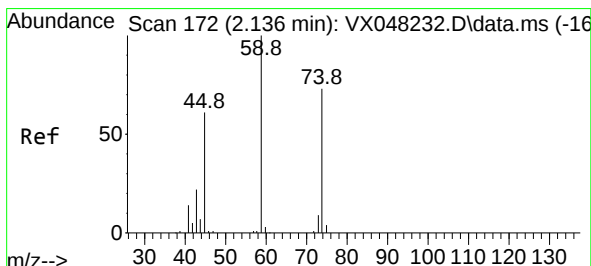
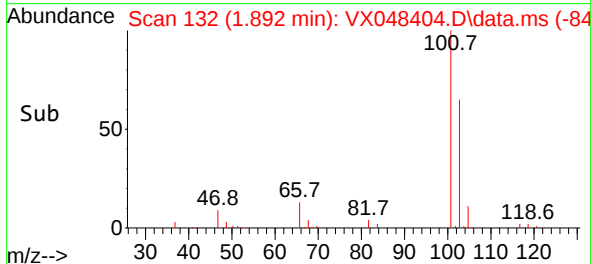
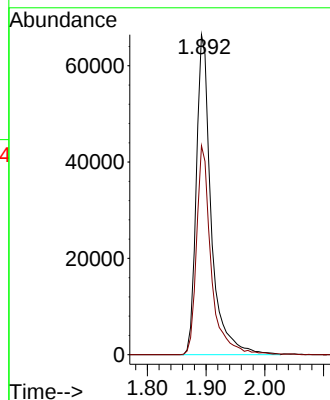
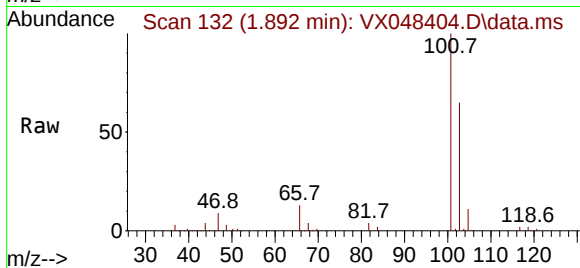




#7
Trichlorofluoromethane
Concen: 41.106 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

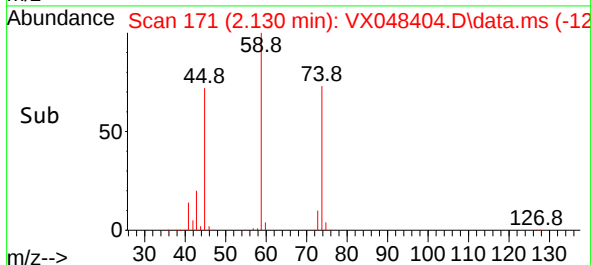
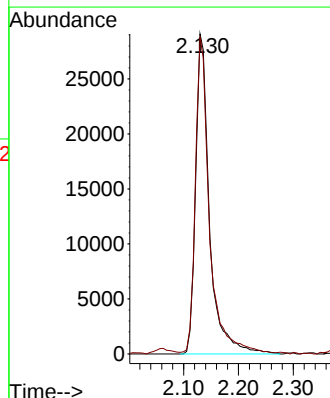
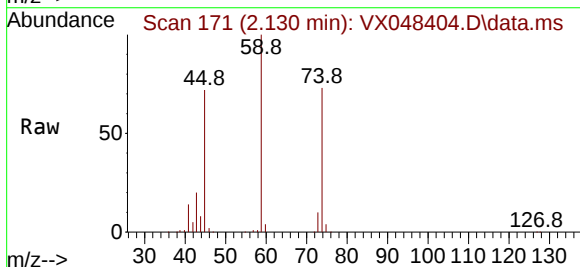
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

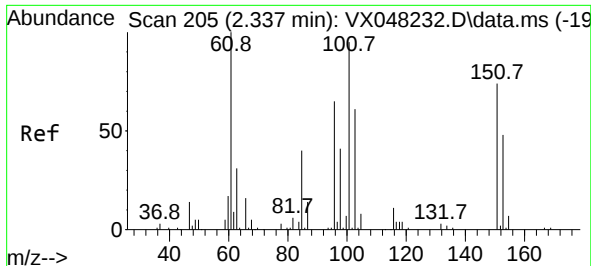
Tgt Ion:101 Resp: 116802
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4



#8
Diethyl Ether
Concen: 50.045 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 74 Resp: 51394
Ion Ratio Lower Upper
74 100
45 99.4 50.0 149.8

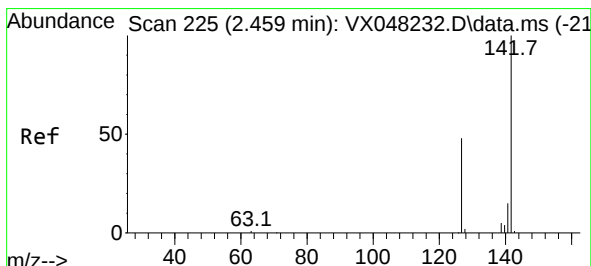
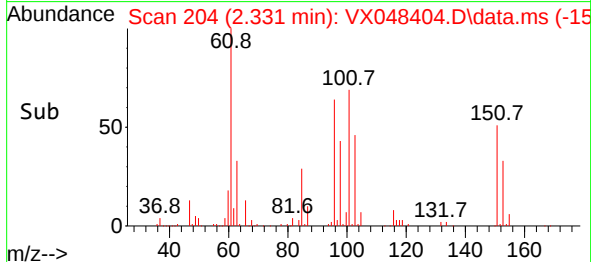
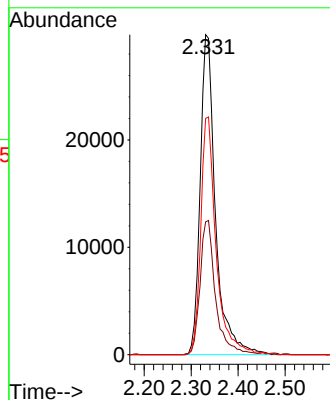
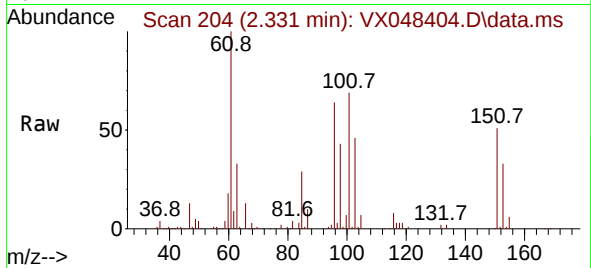




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.496 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

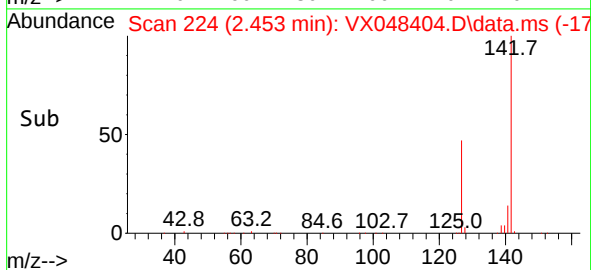
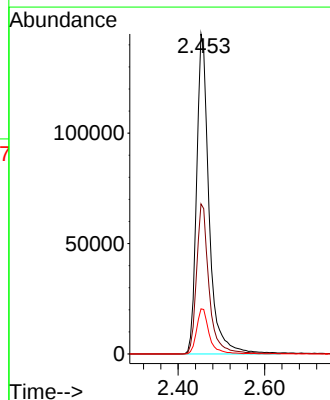
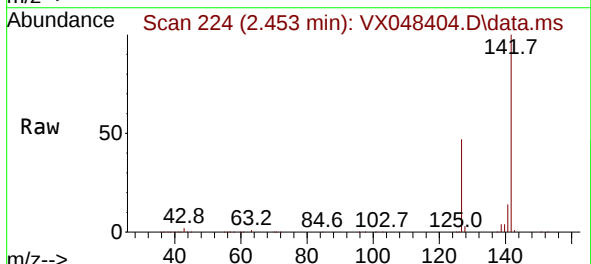
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

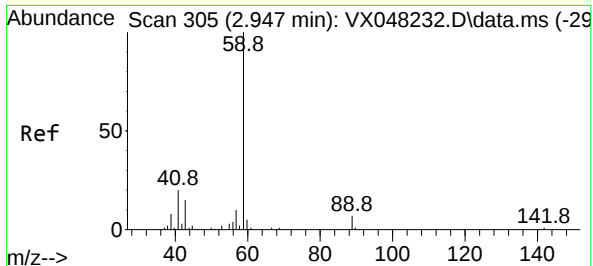
Tgt Ion:101 Resp: 67922
Ion Ratio Lower Upper
101 100
85 42.3 35.6 53.4
151 74.7 58.0 87.0



#10
Methyl Iodide
Concen: 45.194 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion:142 Resp: 290458
Ion Ratio Lower Upper
142 100
127 46.8 38.5 57.7
141 14.1 11.6 17.4

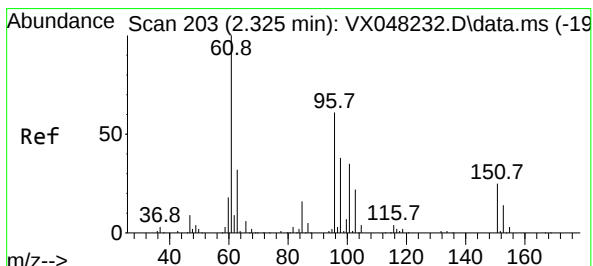
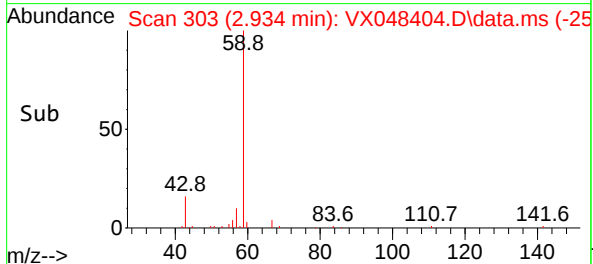
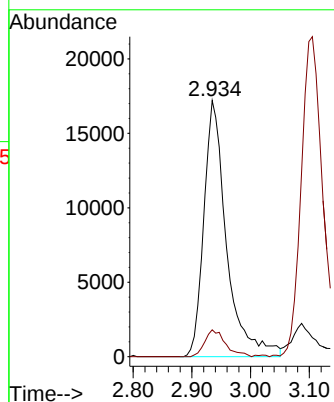
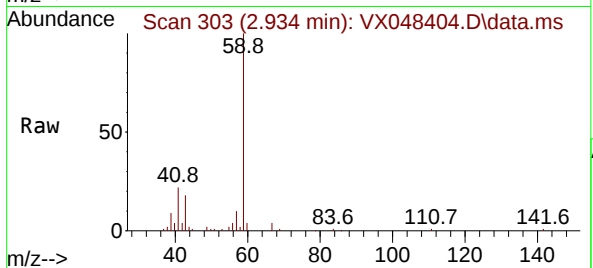




#11
Tert butyl alcohol
Concen: 300.847 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

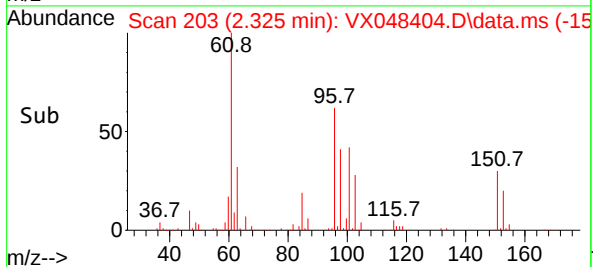
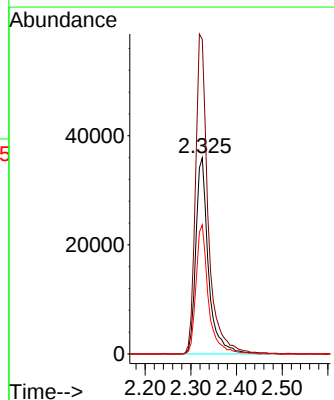
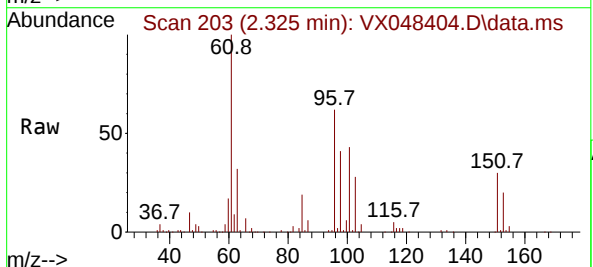
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

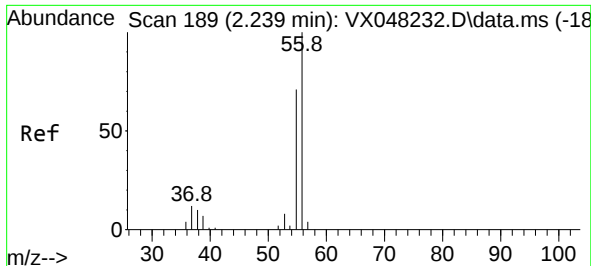
Tgt Ion: 59 Resp: 46234
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 42.692 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 96 Resp: 69309
Ion Ratio Lower Upper
96 100
61 160.3 139.0 208.6
98 65.8 52.4 78.6

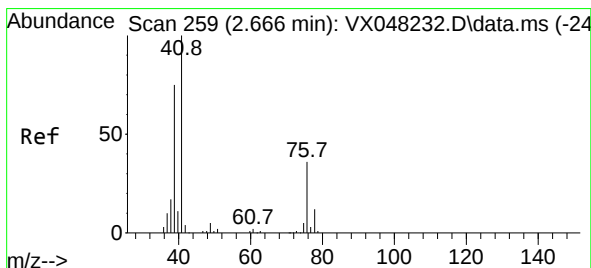
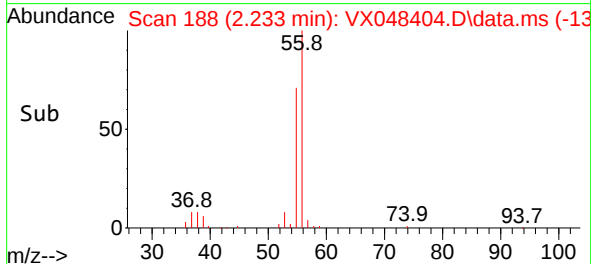
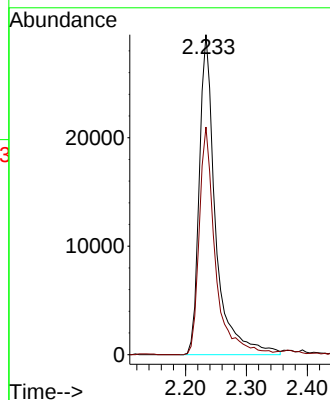
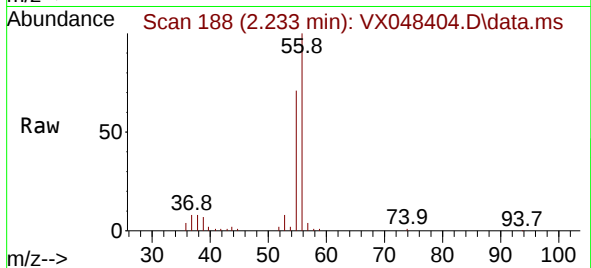




#13
Acrolein
Concen: 170.974 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

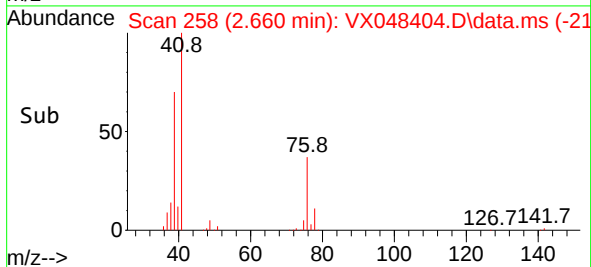
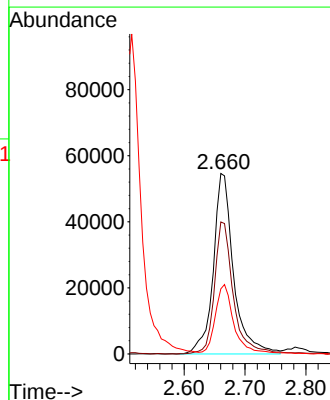
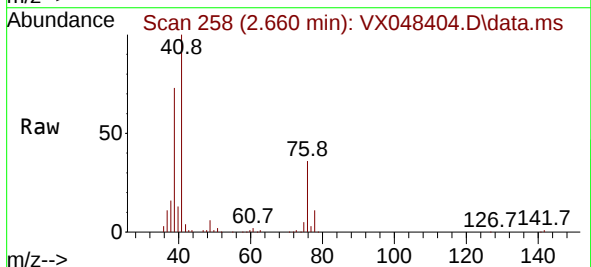
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

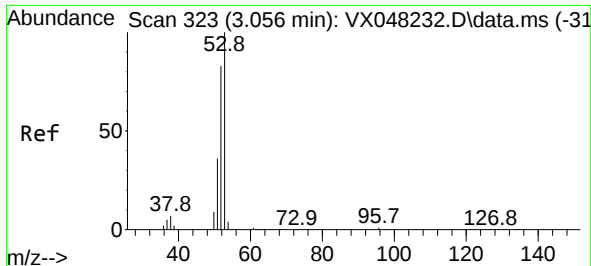
Tgt Ion: 56 Resp: 54845
Ion Ratio Lower Upper
56 100
55 70.3 56.1 84.1



#14
Allyl chloride
Concen: 46.063 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 41 Resp: 126639
Ion Ratio Lower Upper
41 100
39 68.3 56.0 84.0
76 35.8 27.5 41.3

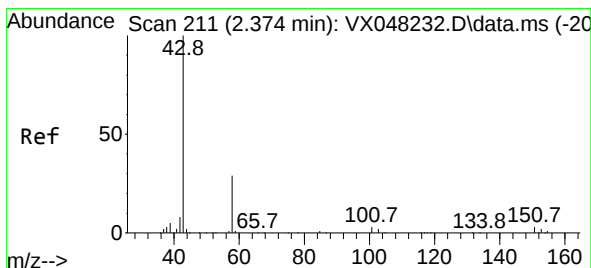
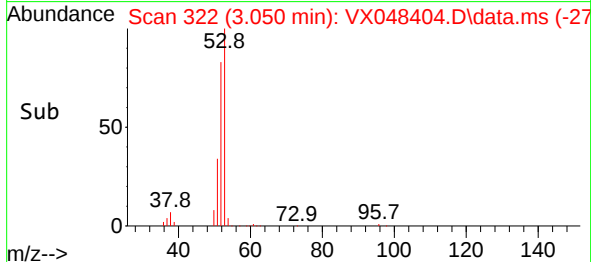
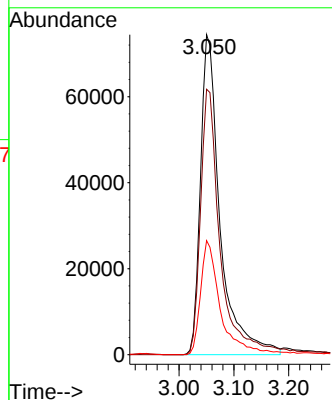
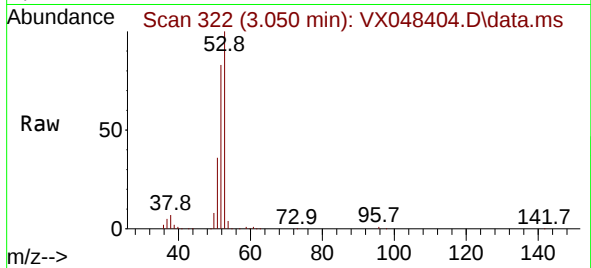




#15
Acrylonitrile
Concen: 265.197 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

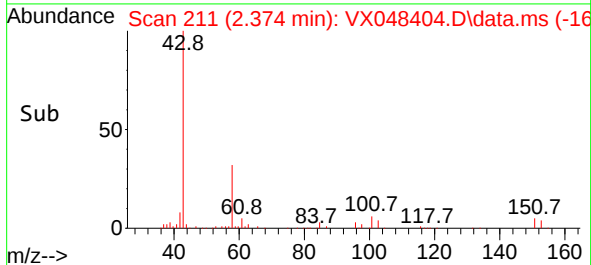
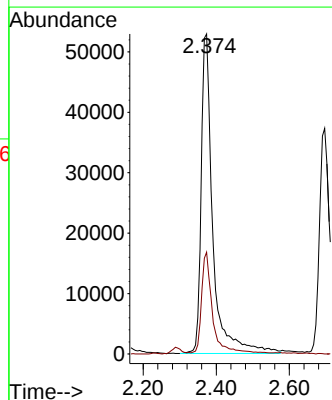
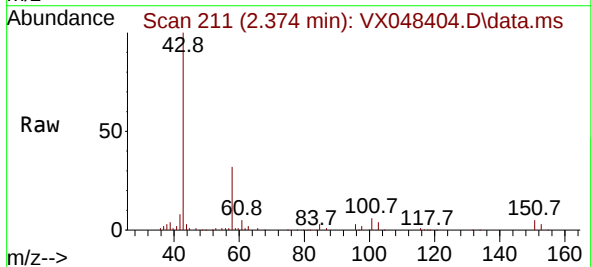
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

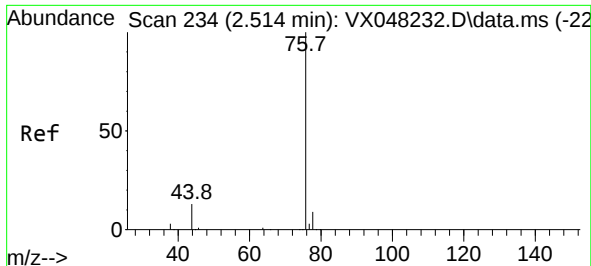
Tgt Ion: 53 Resp: 185405
Ion Ratio Lower Upper
53 100
52 84.0 66.1 99.1
51 36.6 29.0 43.4



#16
Acetone
Concen: 258.627 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 43 Resp: 117578
Ion Ratio Lower Upper
43 100
58 31.6 23.4 35.2

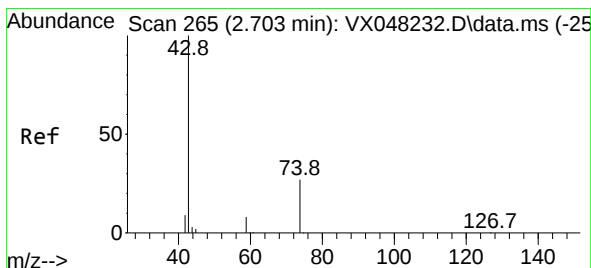
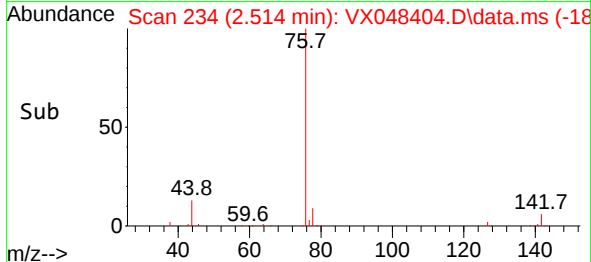
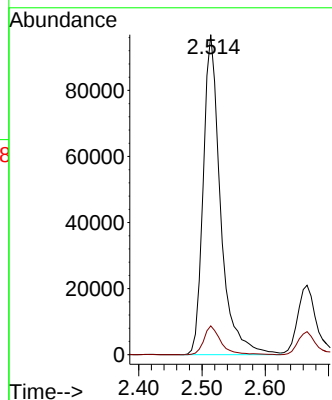
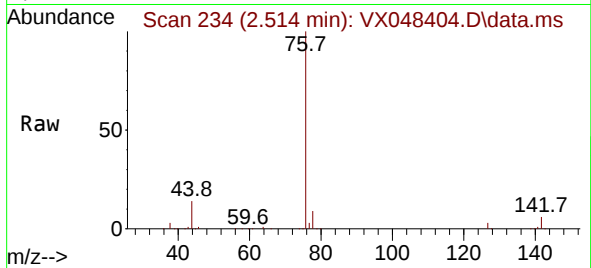




#17
Carbon Disulfide
Concen: 39.698 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

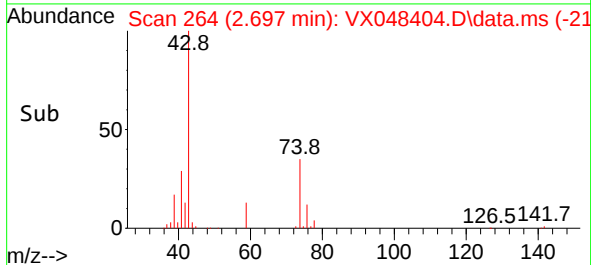
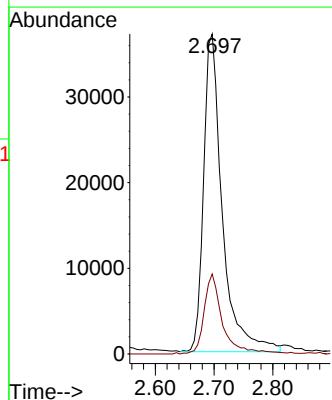
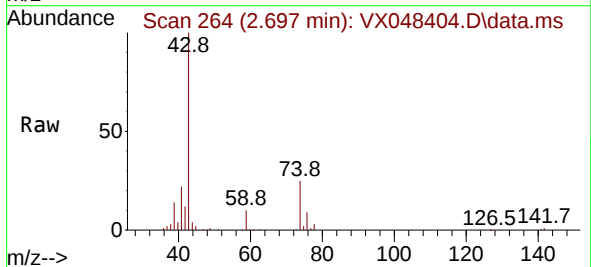
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

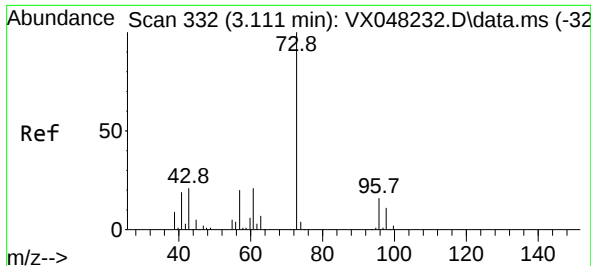
Tgt Ion: 76 Resp: 184792
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 53.924 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 43 Resp: 81992
Ion Ratio Lower Upper
43 100
74 24.9 17.5 26.3

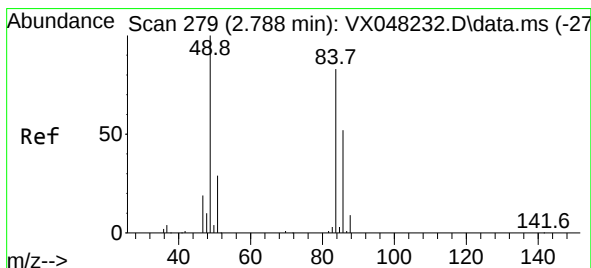
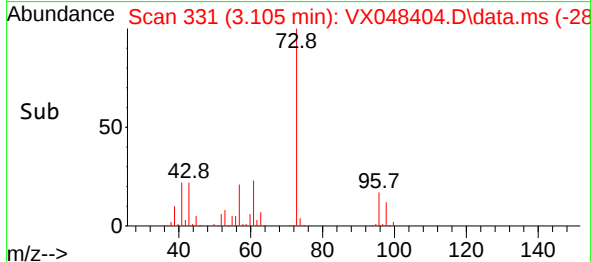
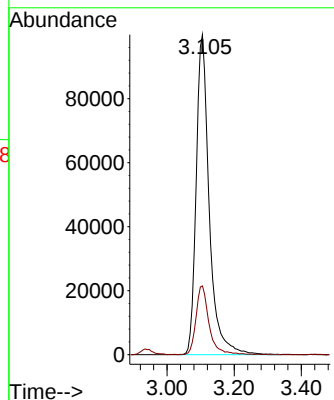
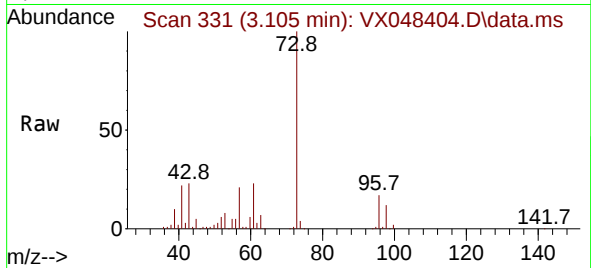




#19
Methyl tert-butyl Ether
Concen: 51.943 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

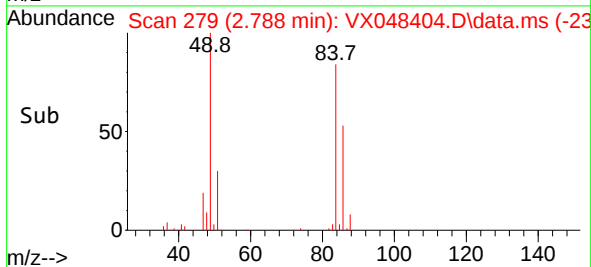
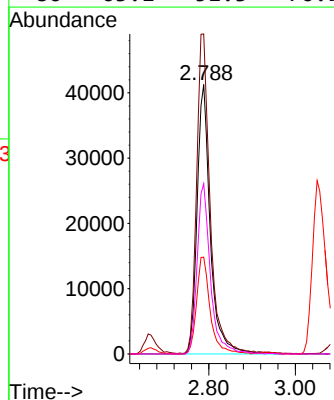
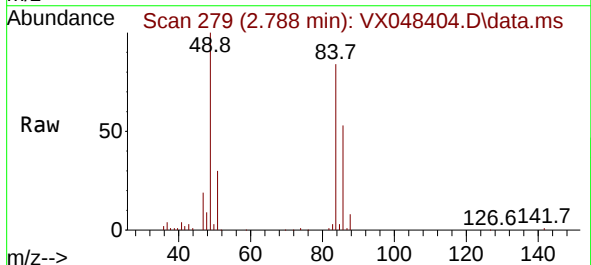
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

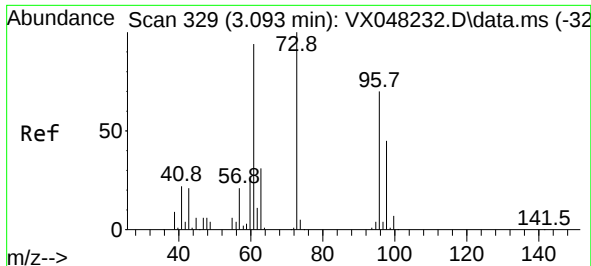
Tgt Ion: 73 Resp: 270039
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 49.695 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 84 Resp: 87089
Ion Ratio Lower Upper
84 100
49 118.4 104.1 156.1
51 35.9 31.3 46.9
86 63.1 51.3 76.9

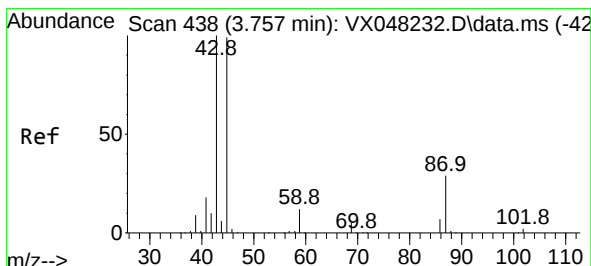
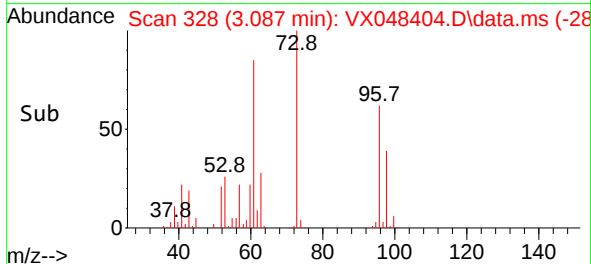
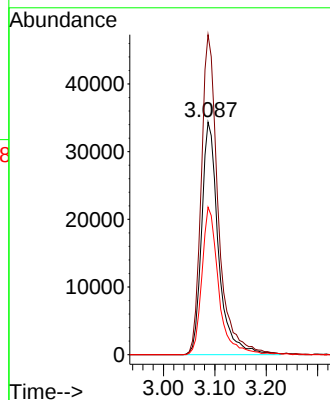
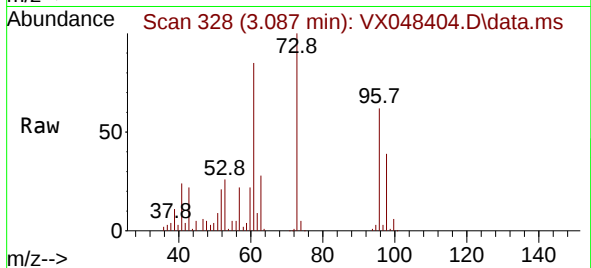




#21
trans-1,2-Dichloroethene
Concen: 45.278 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

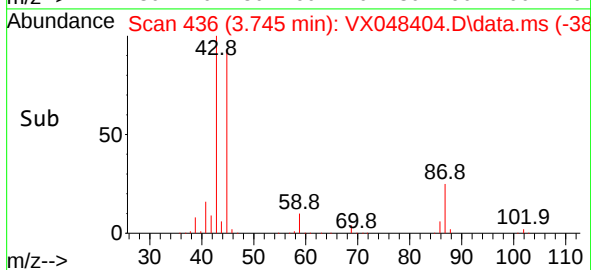
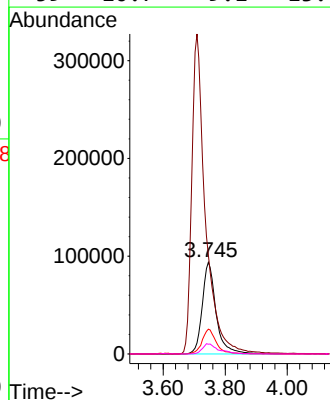
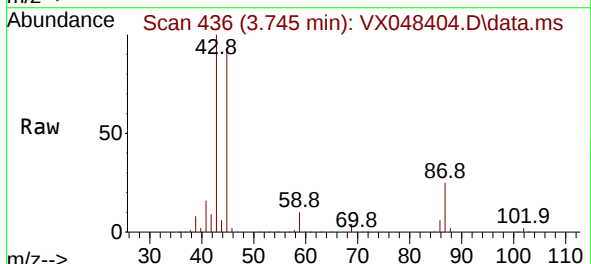
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

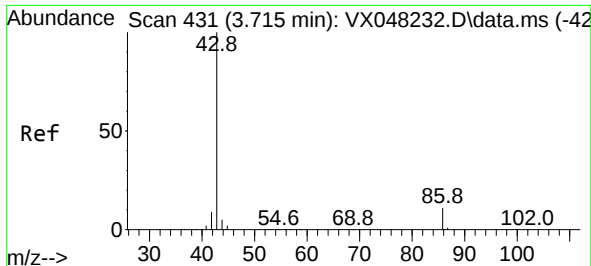
Tgt Ion: 96 Resp: 78076
Ion Ratio Lower Upper
96 100
61 137.7 111.9 167.9
98 63.5 51.2 76.8



#22
Diisopropyl ether
Concen: 51.562 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 45 Resp: 290159
Ion Ratio Lower Upper
45 100
43 107.7 89.8 134.8
87 27.0 20.6 31.0
59 10.7 9.1 13.7

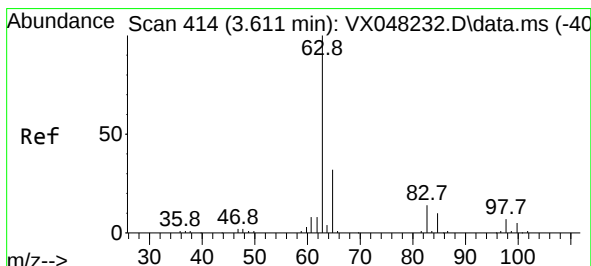
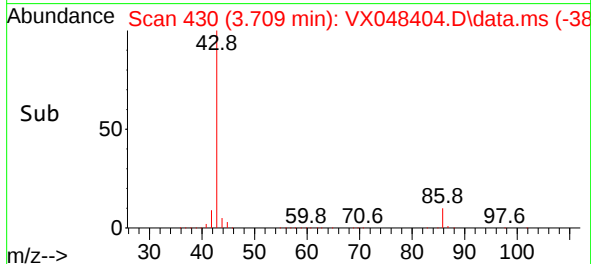
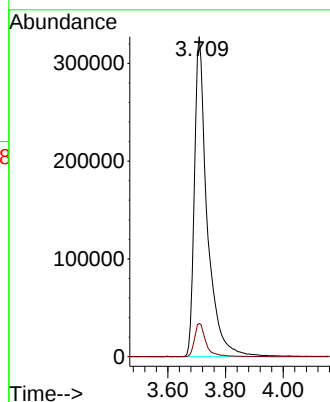
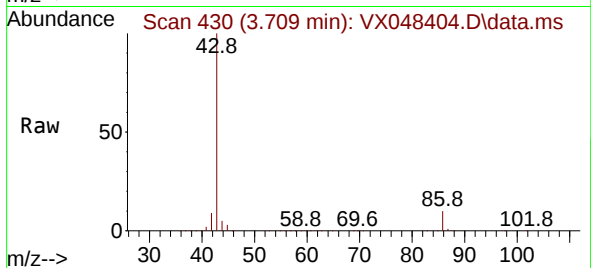




#23
 Vinyl Acetate
 Concen: 263.320 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048404.D
 Acq: 29 Oct 2025 10:02

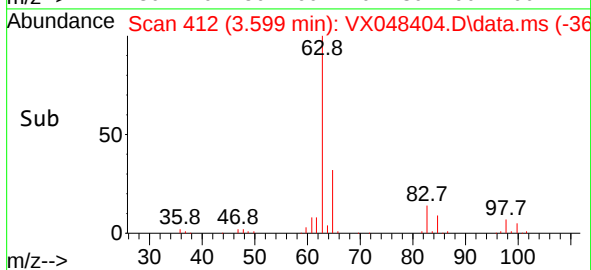
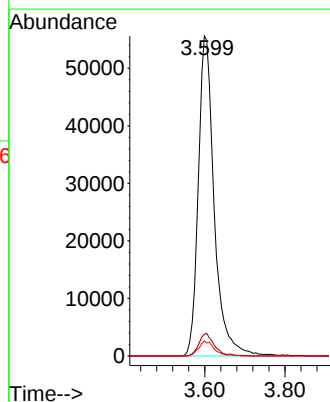
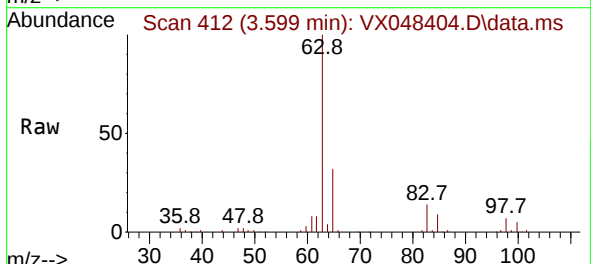
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

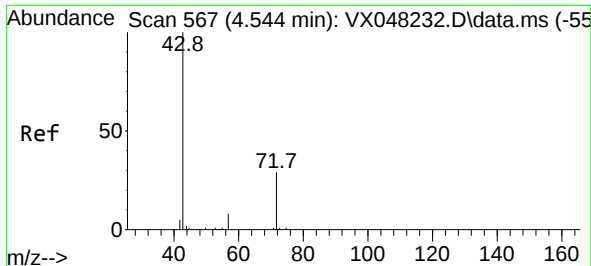
Tgt Ion: 43 Resp: 1008692
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 48.083 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048404.D
 Acq: 29 Oct 2025 10:02

Tgt Ion: 63 Resp: 153559
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 264.270 ug/l

RT: 4.532 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

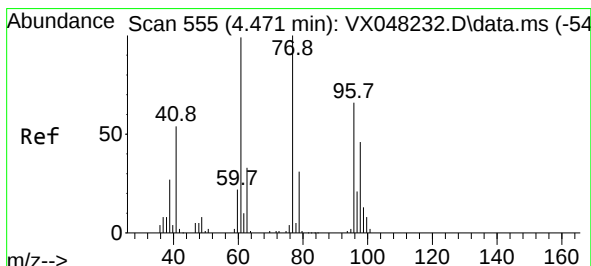
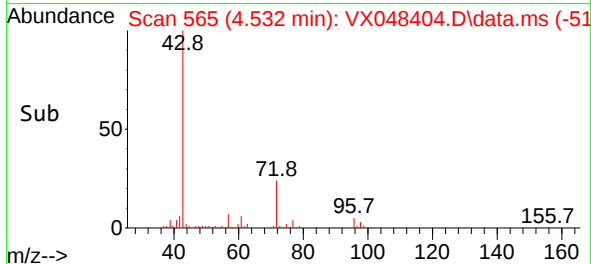
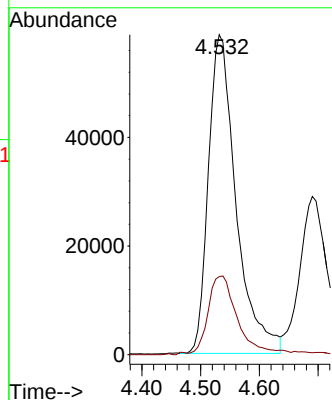
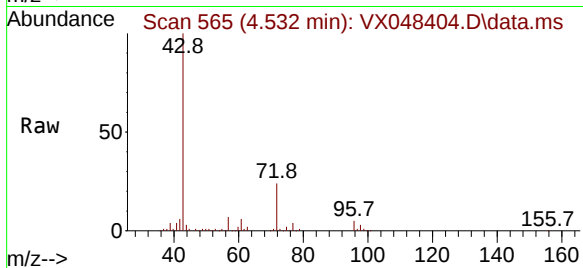
VSTDCCC050

Tgt Ion: 43 Resp: 191931

Ion Ratio Lower Upper

43 100

72 23.7 19.9 29.9



#26

2,2-Dichloropropane

Concen: 45.153 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX048404.D

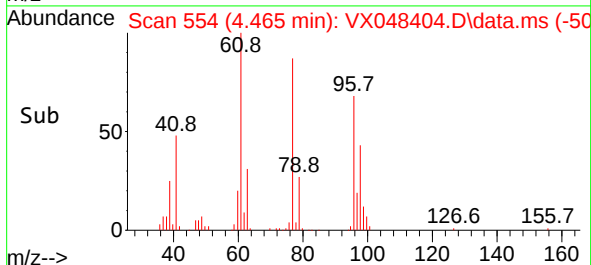
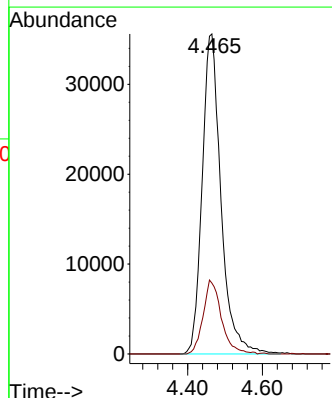
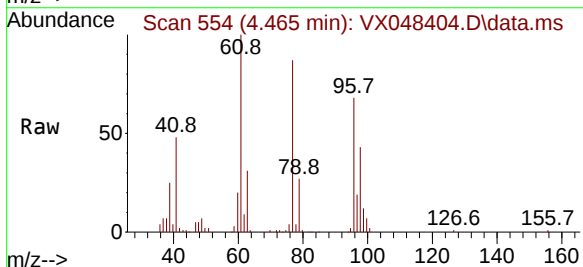
Acq: 29 Oct 2025 10:02

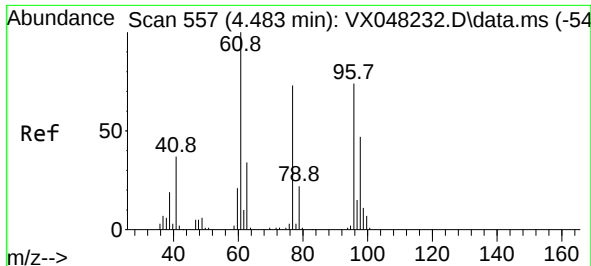
Tgt Ion: 77 Resp: 124160

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 48.241 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

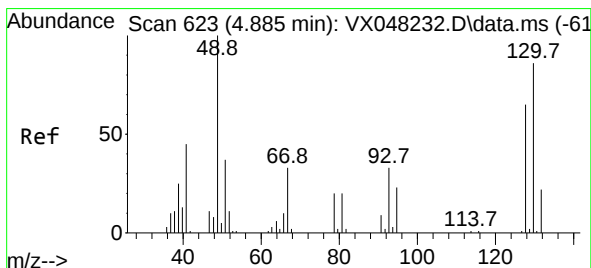
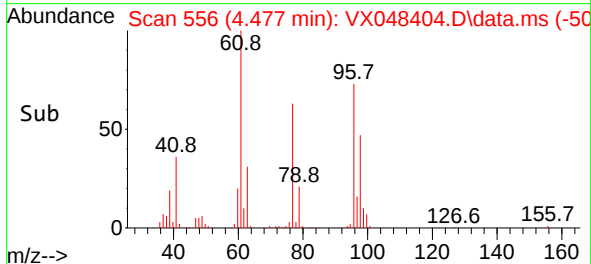
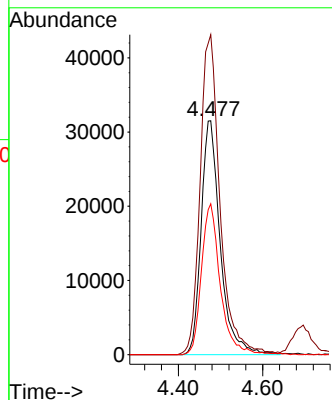
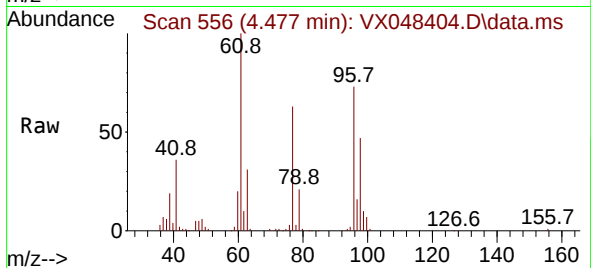
Tgt Ion: 96 Resp: 99280

Ion Ratio Lower Upper

96 100

61 142.9 0.0 294.2

98 63.6 0.0 128.4



#28

Bromochloromethane

Concen: 46.953 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

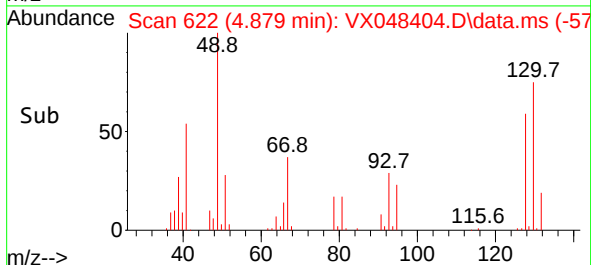
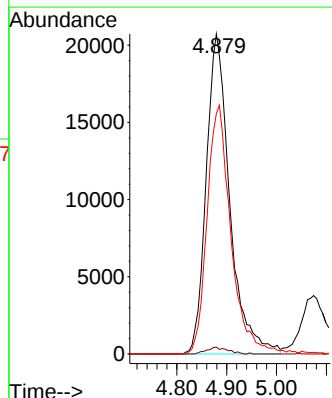
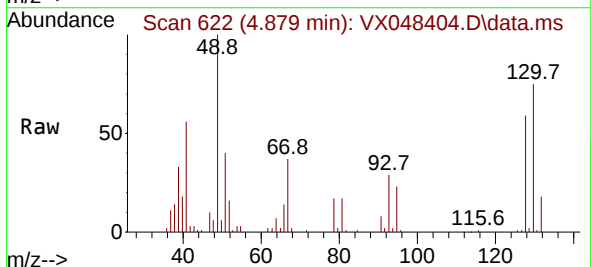
Tgt Ion: 49 Resp: 67958

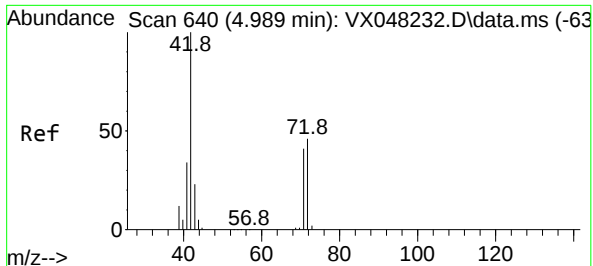
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 78.5 59.3 88.9





#29

Tetrahydrofuran

Concen: 266.054 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

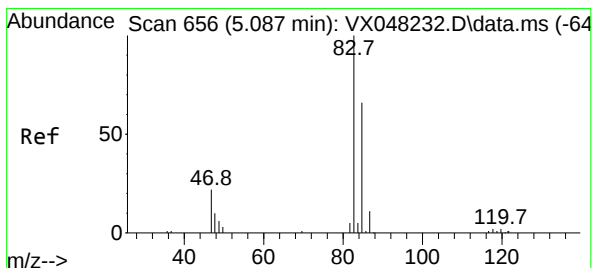
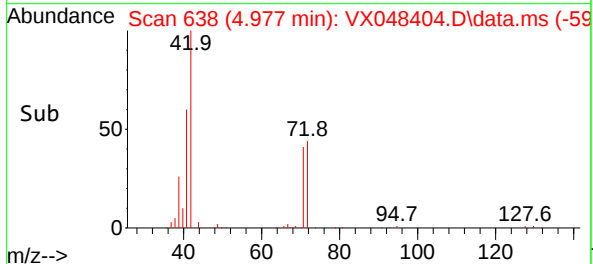
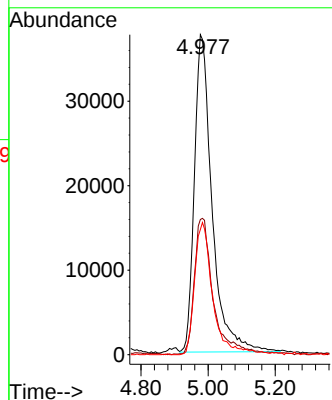
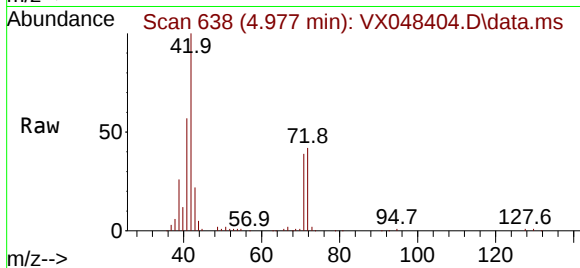
Tgt Ion: 42 Resp: 137607

Ion Ratio Lower Upper

42 100

72 46.1 35.3 52.9

71 42.3 32.2 48.4



#30

Chloroform

Concen: 48.874 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.000 min

Lab File: VX048404.D

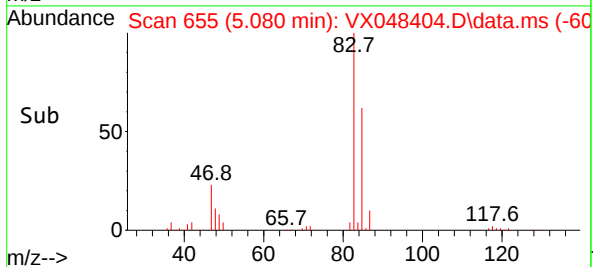
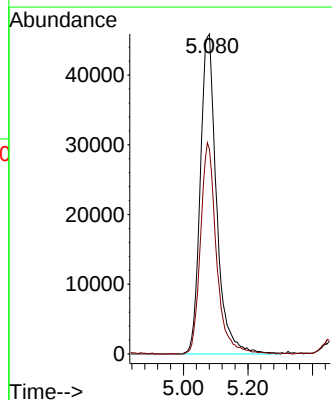
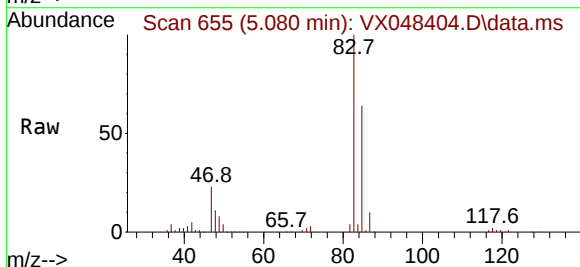
Acq: 29 Oct 2025 10:02

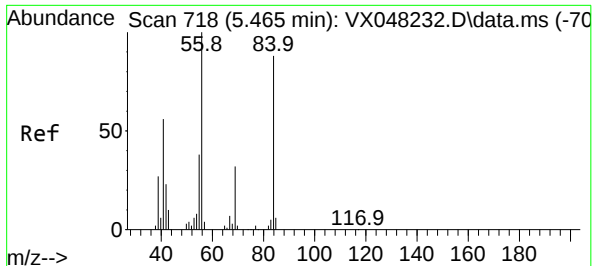
Tgt Ion: 83 Resp: 160562

Ion Ratio Lower Upper

83 100

85 63.9 50.1 75.1

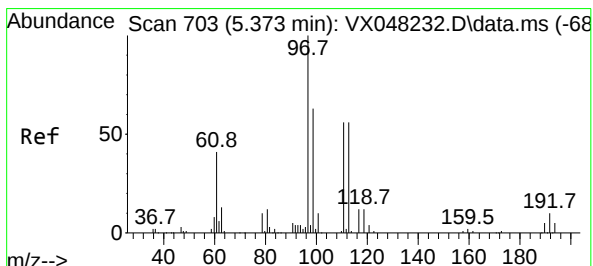
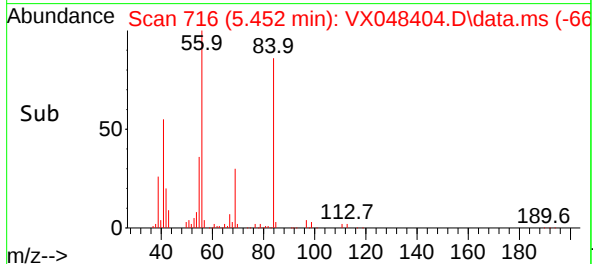
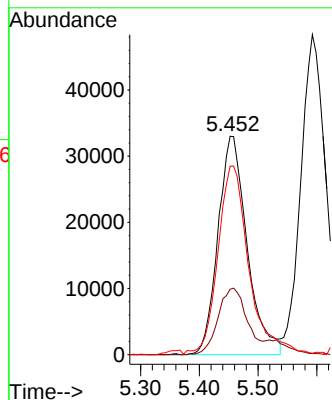
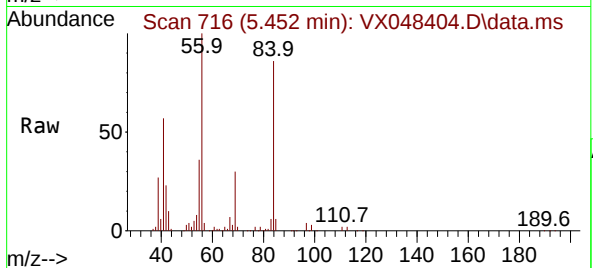




#31
Cyclohexane
Concen: 40.994 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

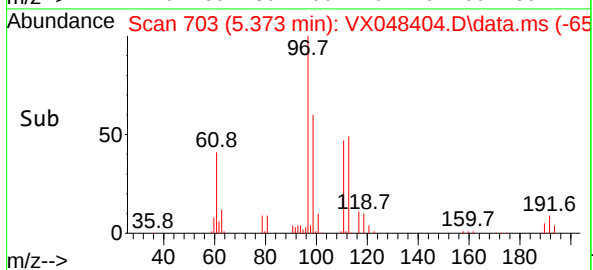
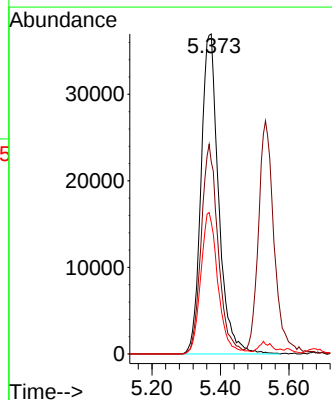
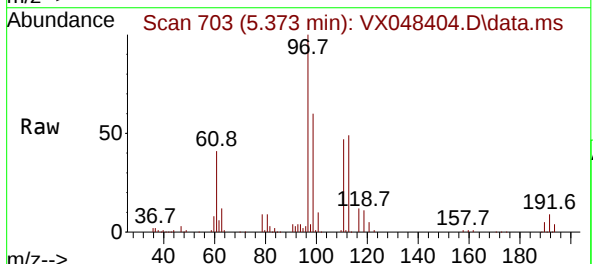
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

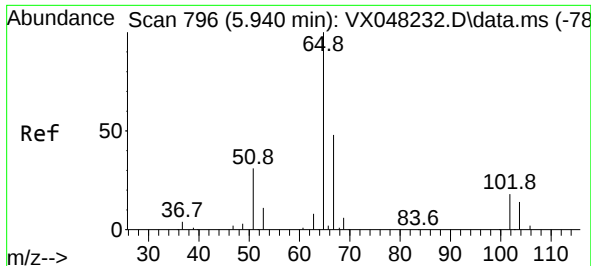
Tgt Ion: 56 Resp: 113642
Ion Ratio Lower Upper
56 100
69 29.6 23.0 34.6
84 84.2 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 45.574 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 97 Resp: 132175
Ion Ratio Lower Upper
97 100
99 63.1 51.7 77.5
61 43.6 34.8 52.2

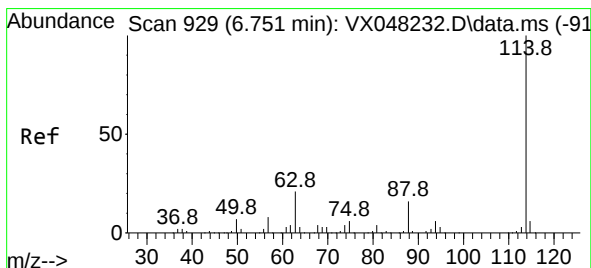
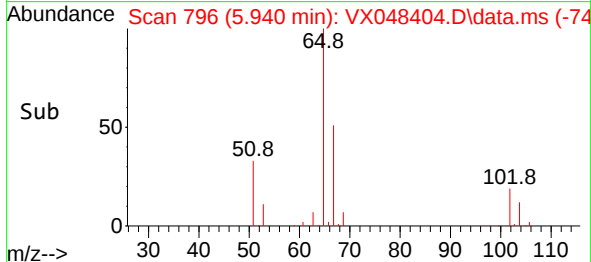
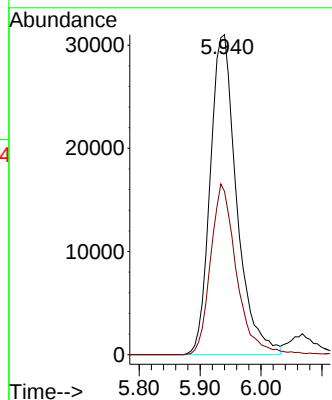
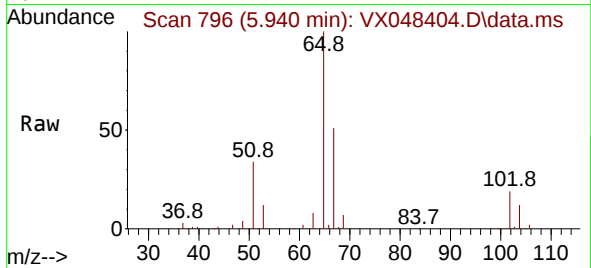




#33
 1,2-Dichloroethane-d4
 Concen: 46.728 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048404.D
 Acq: 29 Oct 2025 10:02

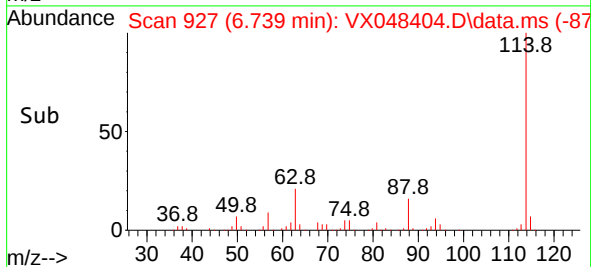
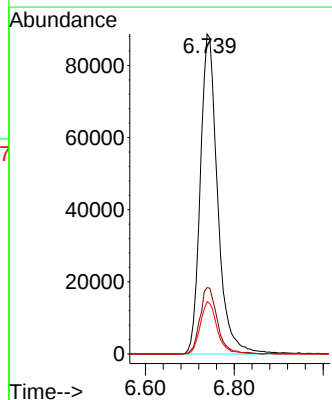
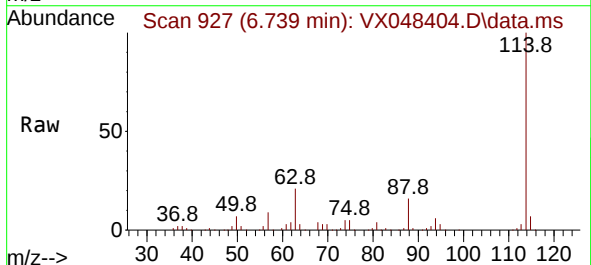
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

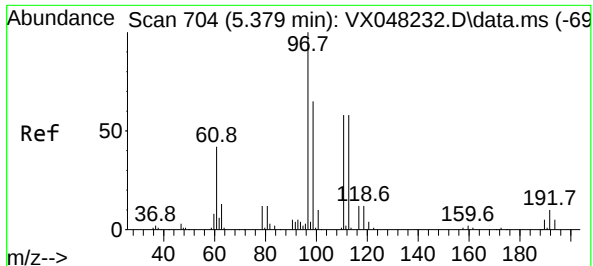
Tgt Ion: 65 Resp: 93731
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048404.D
 Acq: 29 Oct 2025 10:02

Tgt Ion: 114 Resp: 240285
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 16.3 0.0 33.6

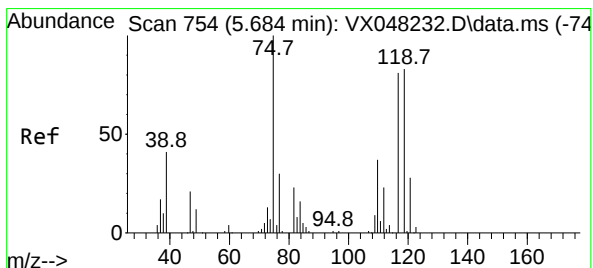
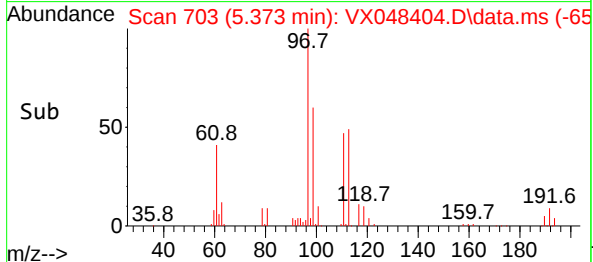
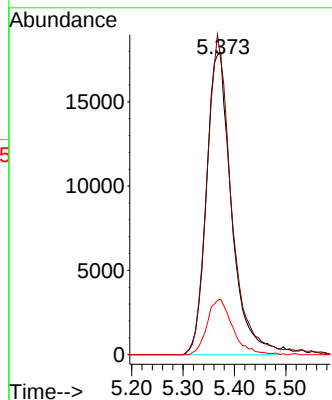
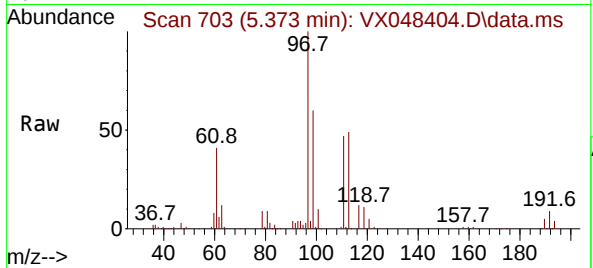




#35
Dibromofluoromethane
Concen: 44.307 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

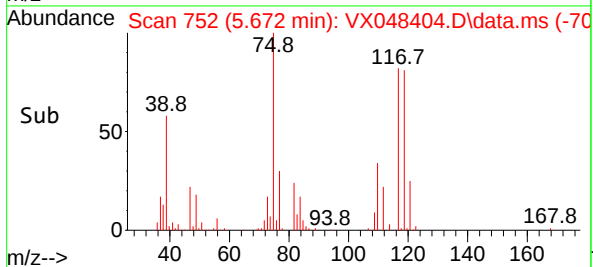
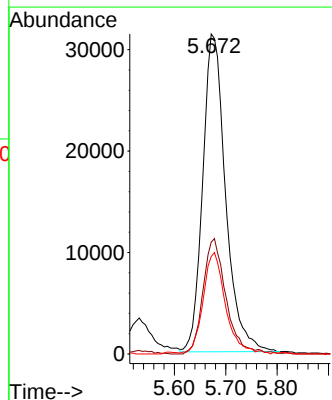
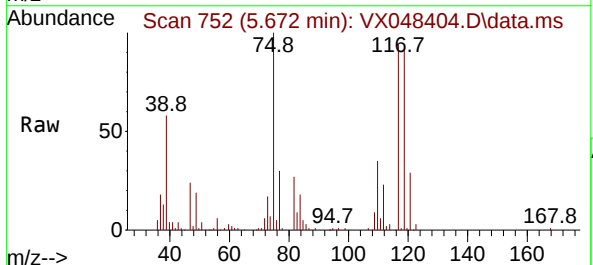
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

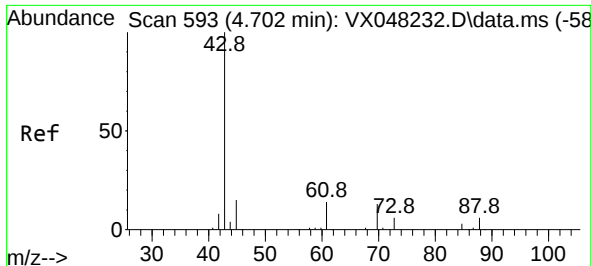
Tgt Ion:113 Resp: 60699
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.7 15.1 22.7



#36
1,1-Dichloropropene
Concen: 42.147 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 75 Resp: 96963
Ion Ratio Lower Upper
75 100
110 36.4 17.7 53.1
77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 53.709 ug/l

RT: 4.690 min Scan# 593

Delta R.T. -0.006 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

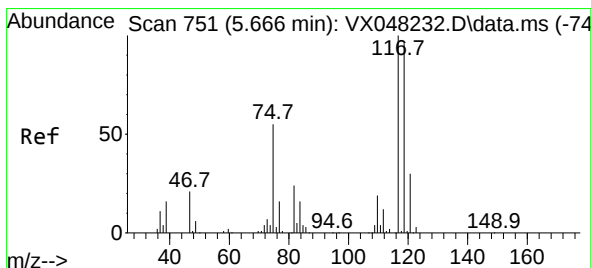
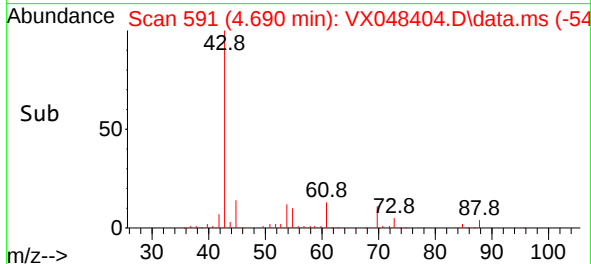
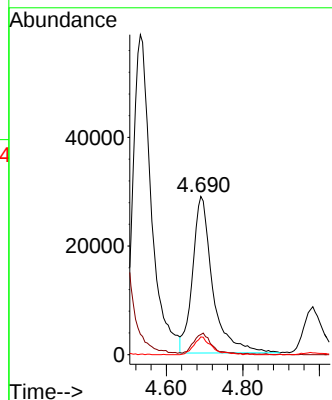
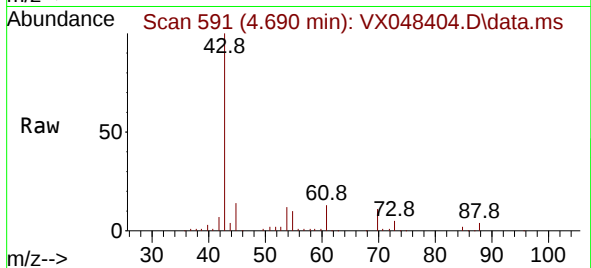
Tgt Ion: 43 Resp: 105272

Ion Ratio Lower Upper

43 100

61 12.2 10.6 15.8

70 10.0 7.8 11.6



#38

Carbon Tetrachloride

Concen: 42.153 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

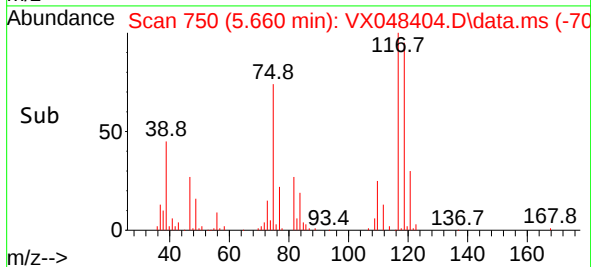
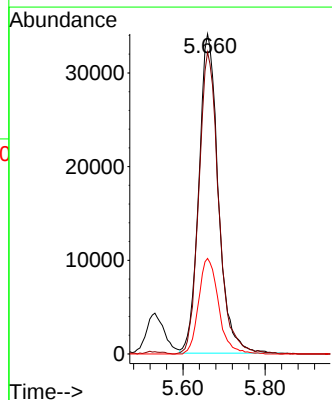
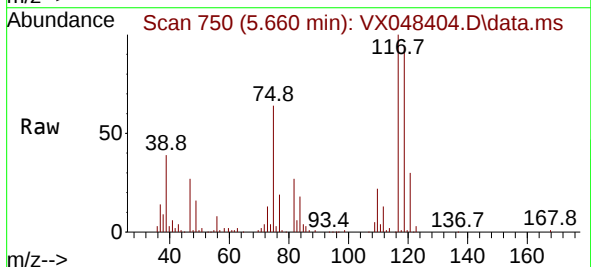
Tgt Ion: 117 Resp: 111969

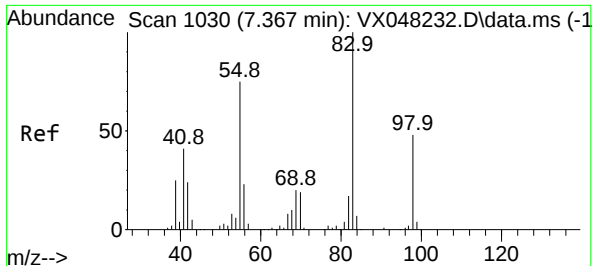
Ion Ratio Lower Upper

117 100

119 94.6 77.2 115.8

121 29.9 24.8 37.2

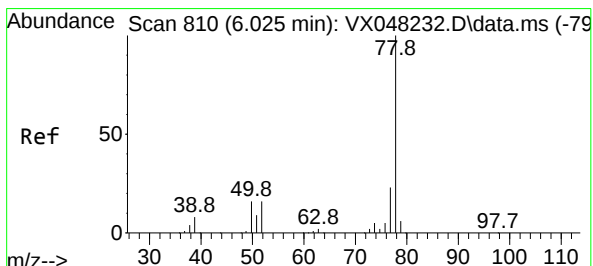
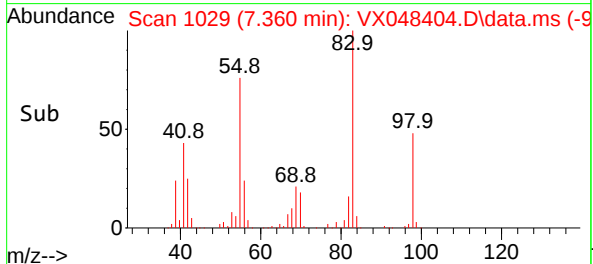
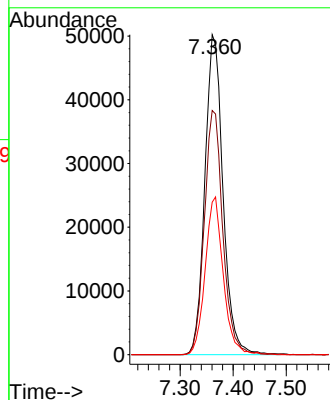
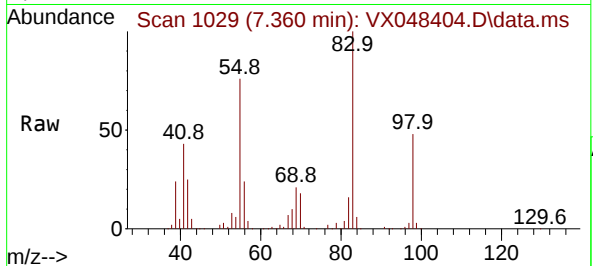




#39
Methylcyclohexane
Concen: 40.278 ug/l
RT: 7.360 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

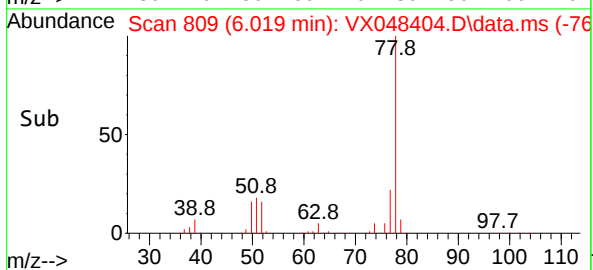
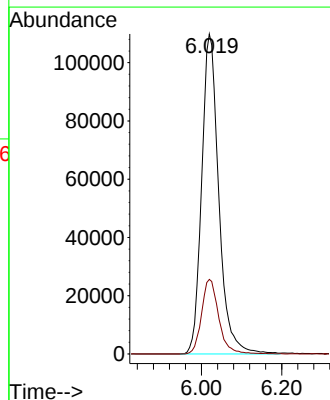
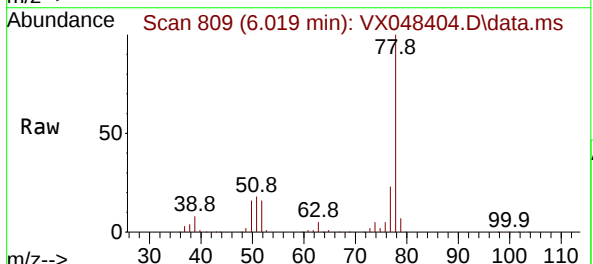
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

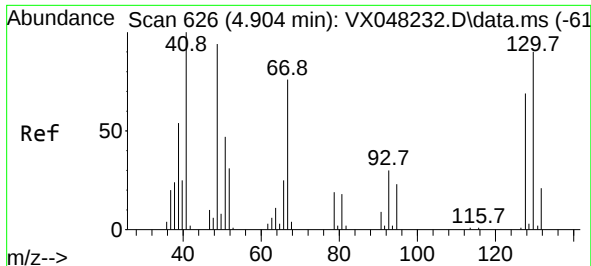
Tgt Ion: 83 Resp: 119162
Ion Ratio Lower Upper
83 100
55 76.3 66.2 99.2
98 47.6 38.9 58.3



#40
Benzene
Concen: 46.288 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 78 Resp: 325326
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



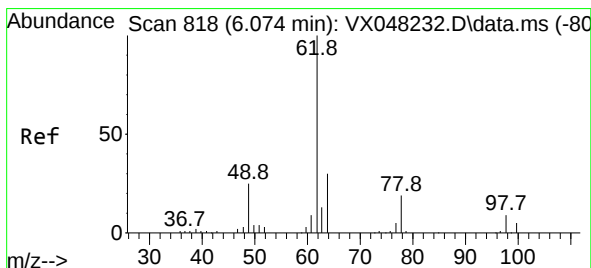
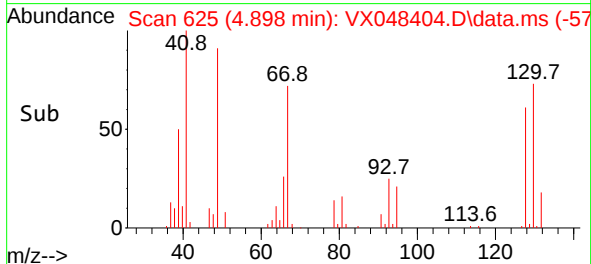
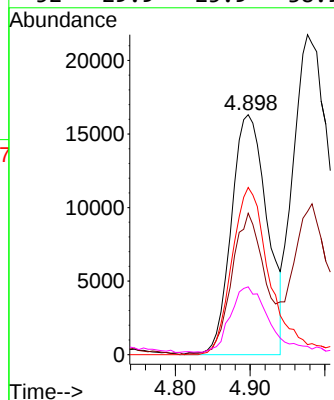
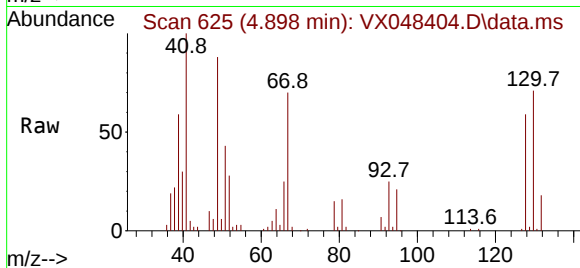


#41
Methacrylonitrile
Concen: 55.009 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 54309

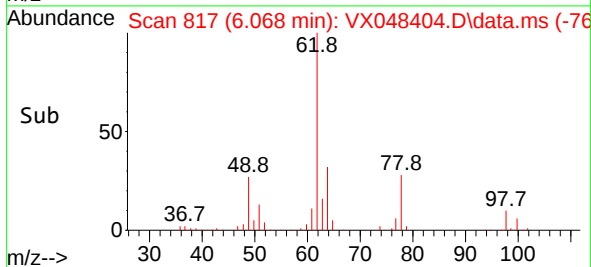
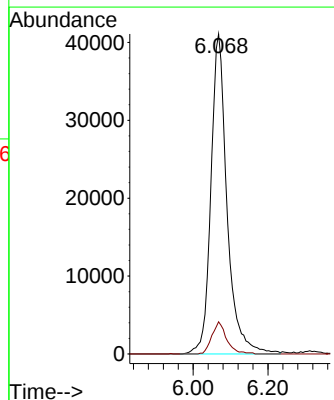
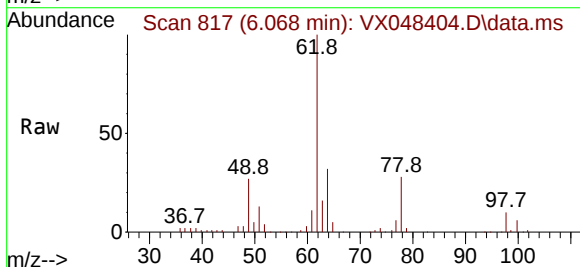
Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.0	66.0
67	74.6	58.7	88.1
52	29.9	25.9	38.9

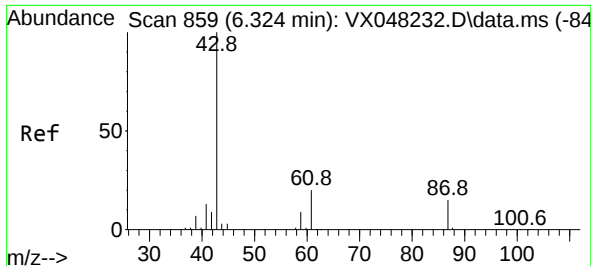


#42
1,2-Dichloroethane
Concen: 49.757 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 62 Resp: 123177

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.2

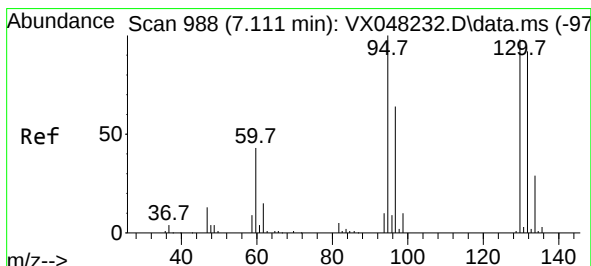
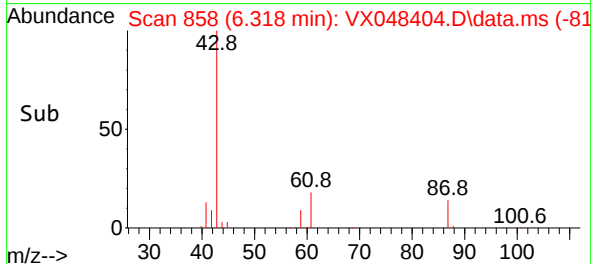
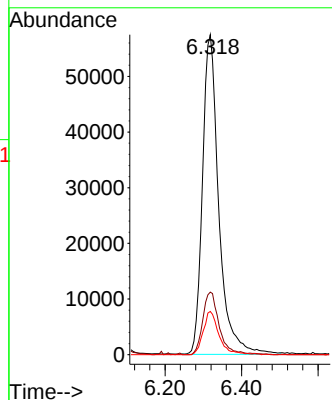
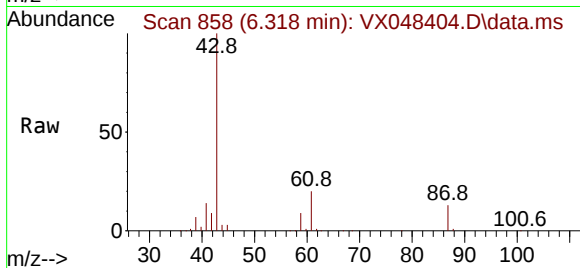




#43
Isopropyl Acetate
Concen: 52.479 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

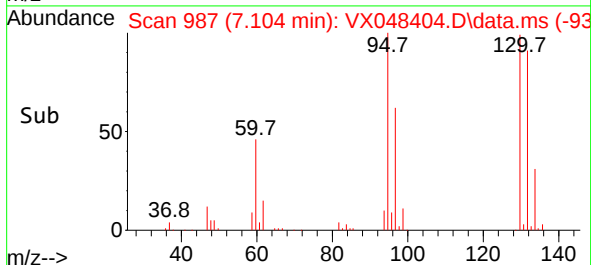
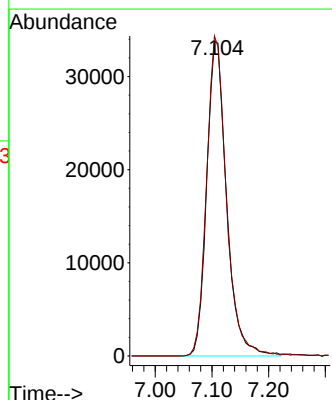
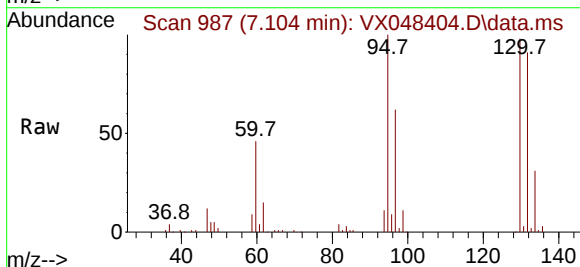
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

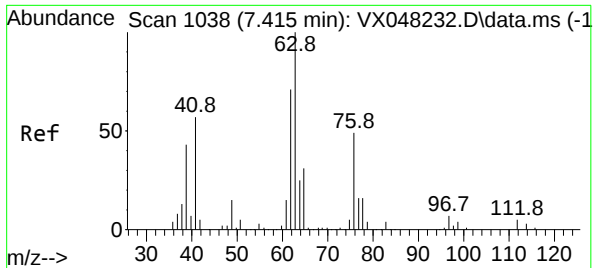
Tgt Ion: 43 Resp: 169823
Ion Ratio Lower Upper
43 100
61 19.5 14.9 22.3
87 13.0 9.4 14.2



#44
Trichloroethene
Concen: 44.533 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion:130 Resp: 82003
Ion Ratio Lower Upper
130 100
95 101.8 0.0 200.6

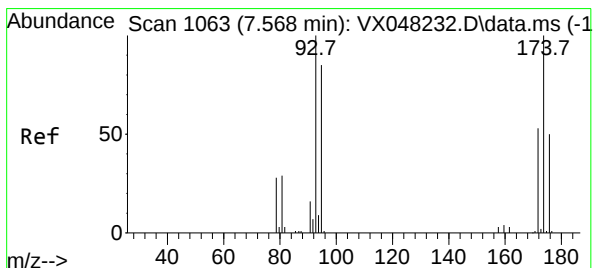
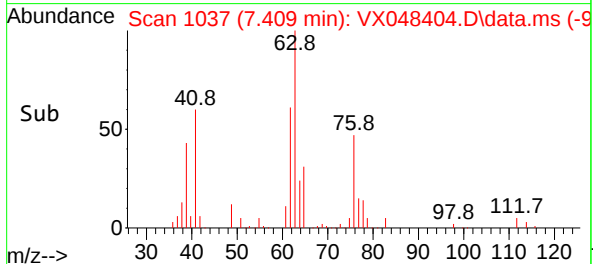
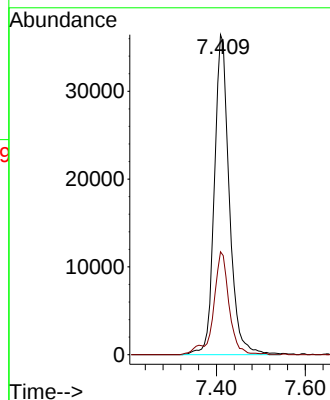
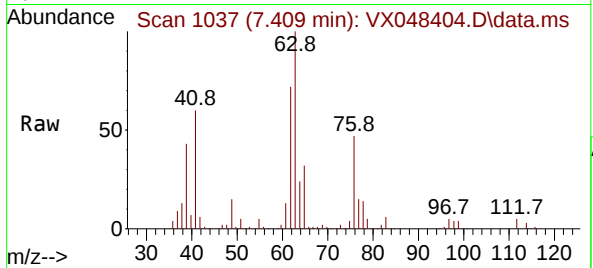




#45
1,2-Dichloropropane
Concen: 48.440 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

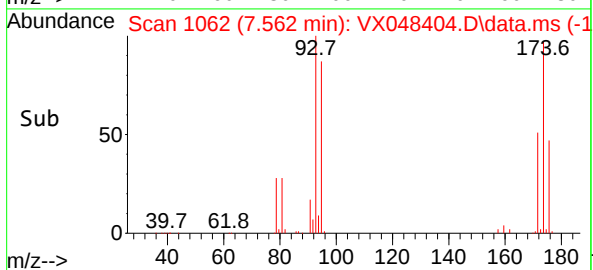
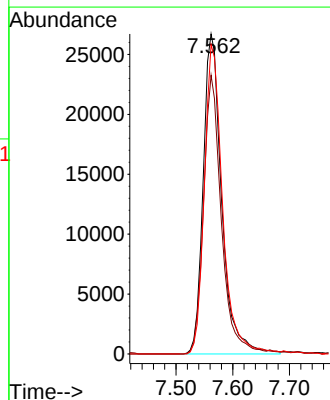
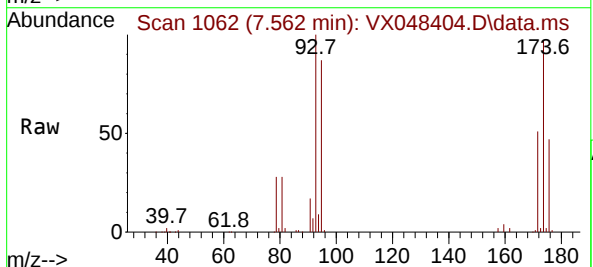
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

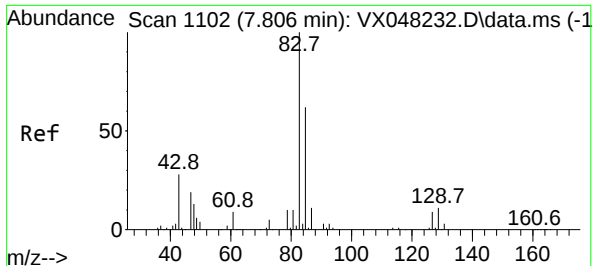
Tgt Ion: 63 Resp: 85024
Ion Ratio Lower Upper
63 100
65 32.2 24.1 36.1



#46
Dibromomethane
Concen: 49.336 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 93 Resp: 60622
Ion Ratio Lower Upper
93 100
95 83.6 65.9 98.9
174 95.3 71.7 107.5

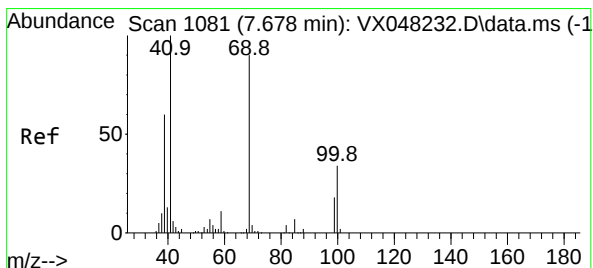
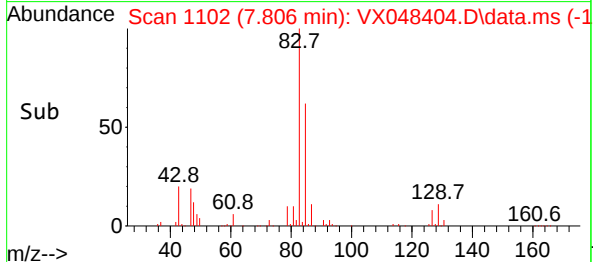
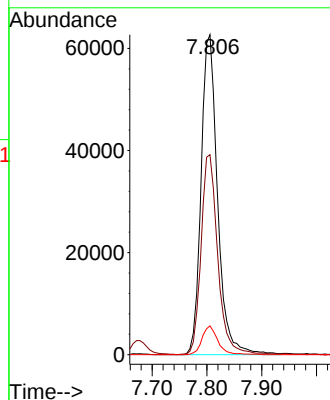
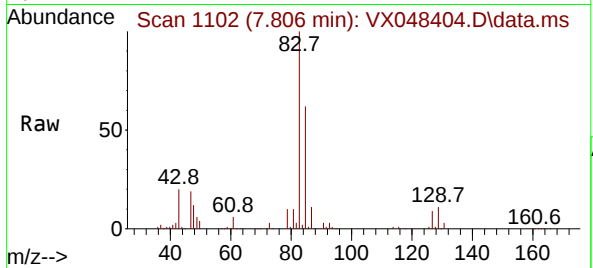




#47
Bromodichloromethane
Concen: 50.166 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

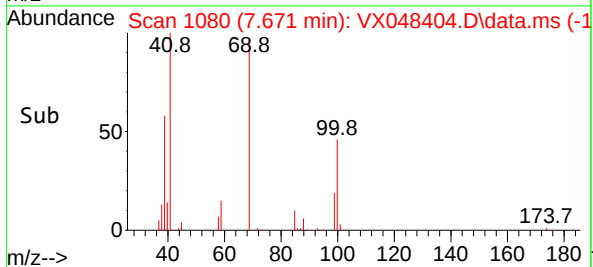
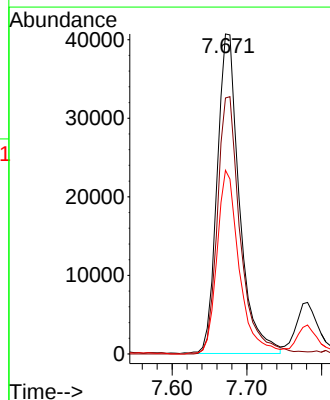
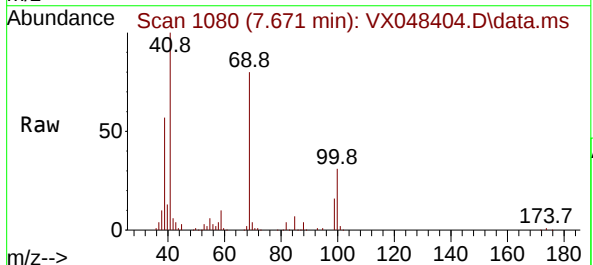
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

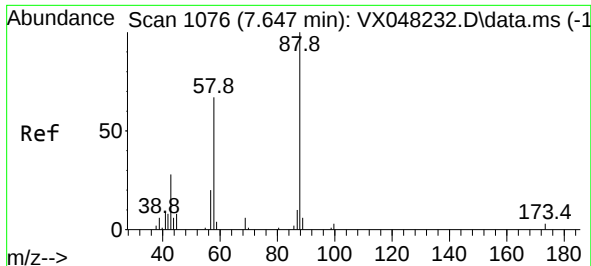
Tgt Ion: 83 Resp: 130971
Ion Ratio Lower Upper
83 100
85 62.4 52.2 78.4
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 53.642 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 41 Resp: 84652
Ion Ratio Lower Upper
41 100
69 82.7 63.4 95.0
39 57.3 47.1 70.7





#49

1,4-Dioxane

Concen: 1122.716 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

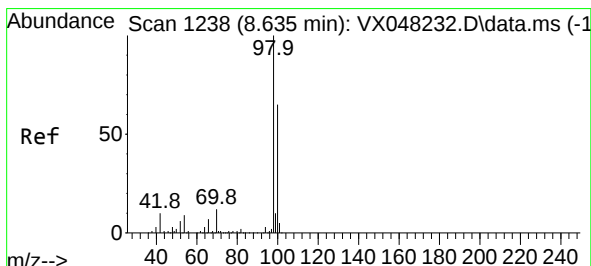
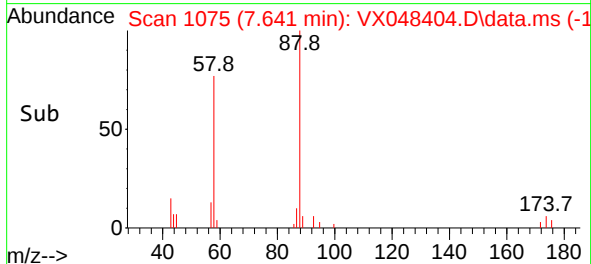
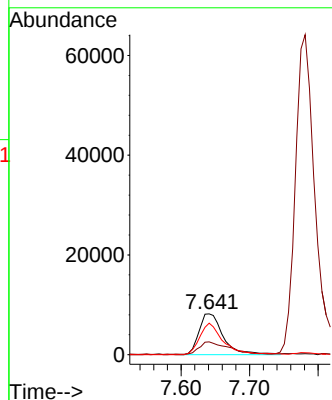
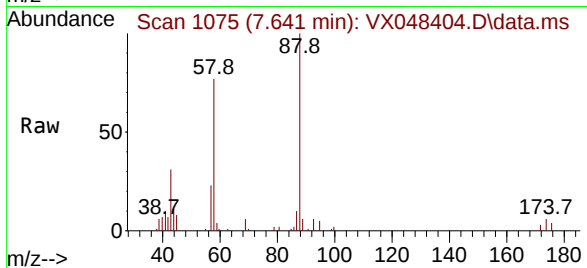
Tgt Ion: 88 Resp: 20138

Ion Ratio Lower Upper

88 100

43 37.8 35.0 52.4

58 72.5 61.9 92.9



#50

Toluene-d8

Concen: 41.447 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048404.D

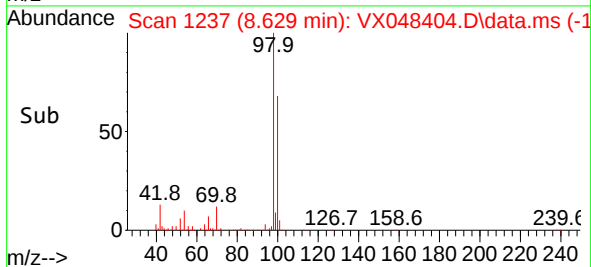
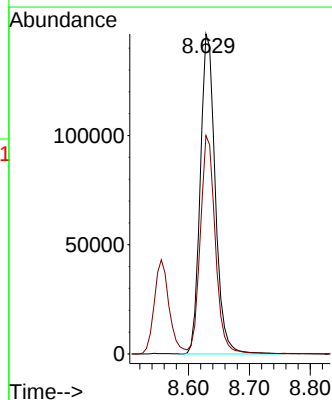
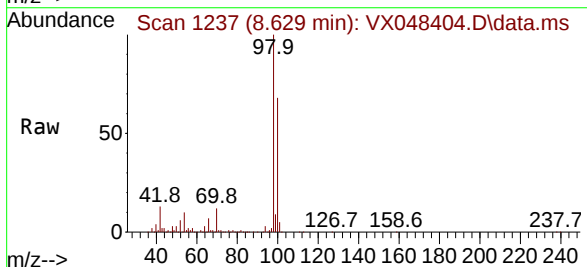
Acq: 29 Oct 2025 10:02

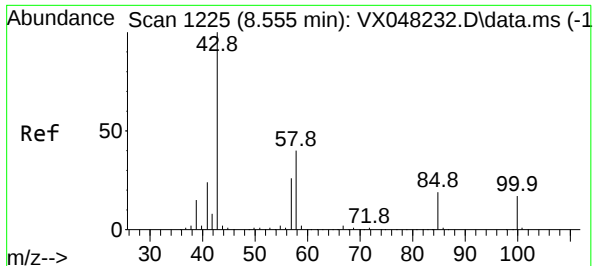
Tgt Ion: 98 Resp: 250646

Ion Ratio Lower Upper

98 100

100 68.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 262.275 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

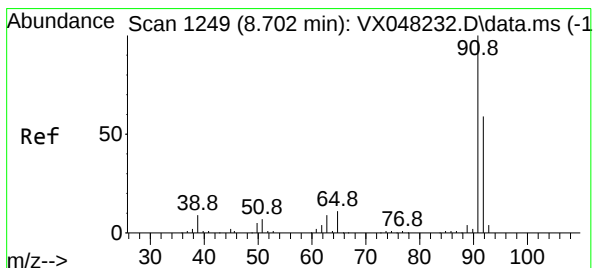
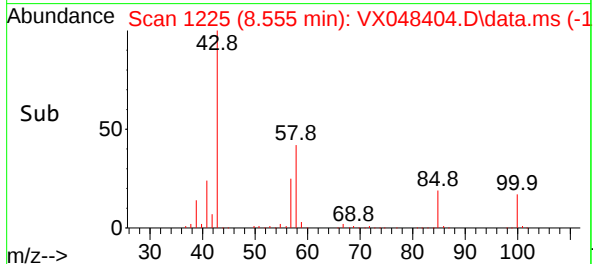
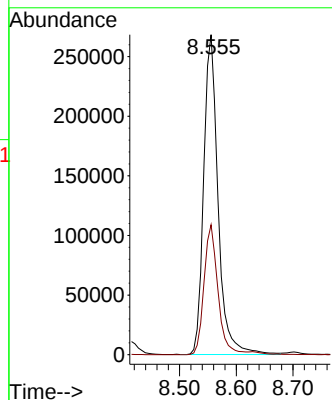
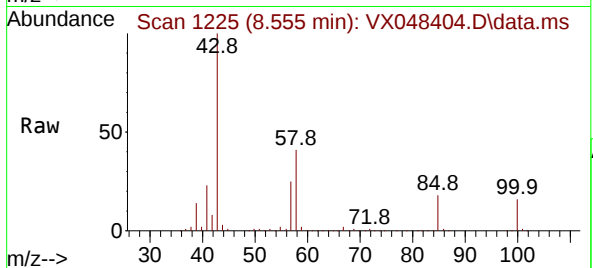
VSTDCCC050

Tgt Ion: 43 Resp: 472344

Ion Ratio Lower Upper

43 100

58 40.3 29.5 44.3



#52

Toluene

Concen: 46.029 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VX048404.D

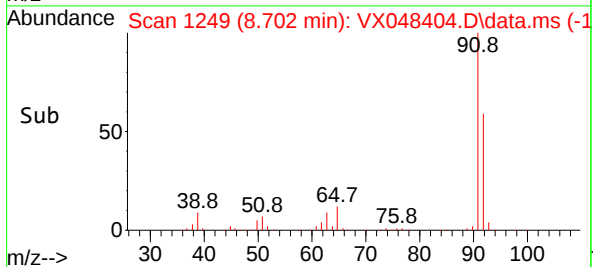
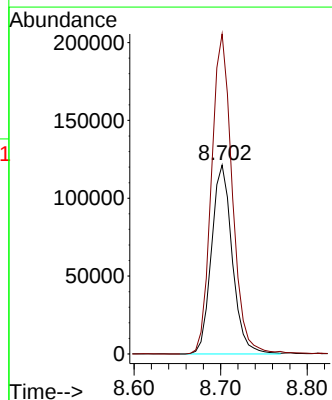
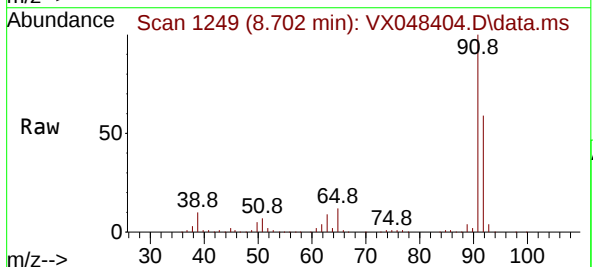
Acq: 29 Oct 2025 10:02

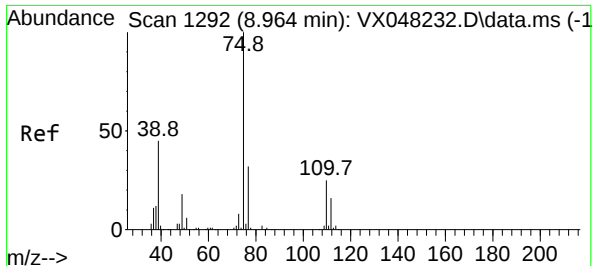
Tgt Ion: 92 Resp: 202143

Ion Ratio Lower Upper

92 100

91 170.4 136.1 204.1

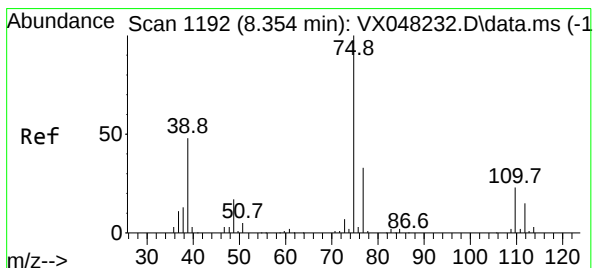
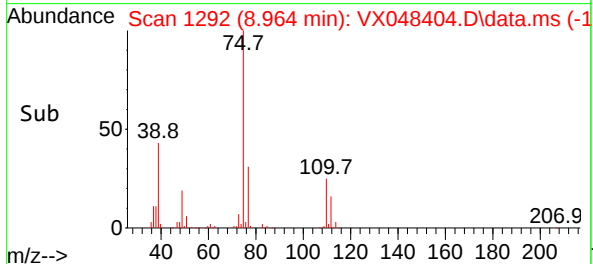
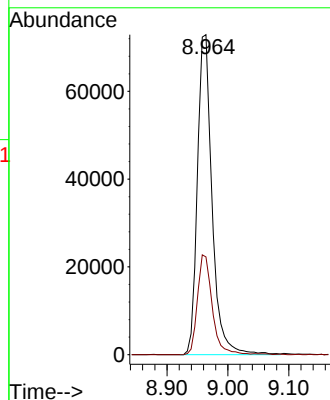
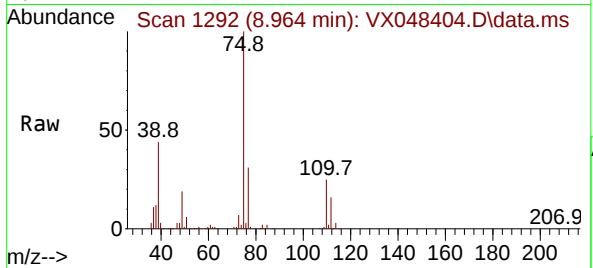




#53
t-1,3-Dichloropropene
Concen: 51.570 ug/l
RT: 8.964 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

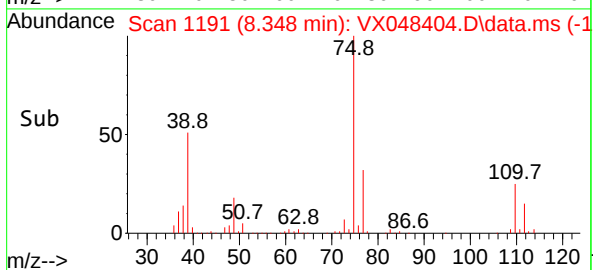
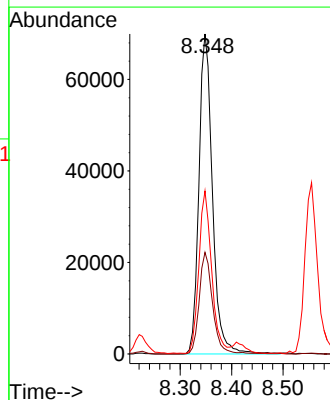
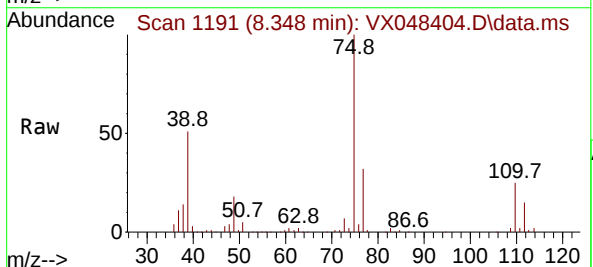
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

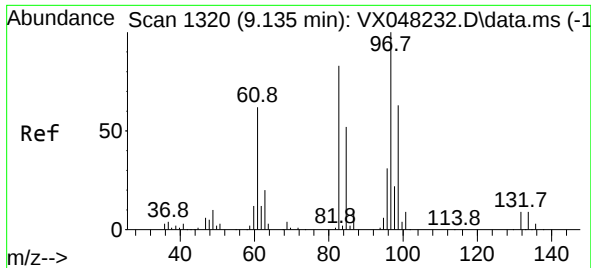
Tgt Ion: 75 Resp: 122033
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 50.183 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 75 Resp: 127943
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3
39 50.6 42.6 64.0

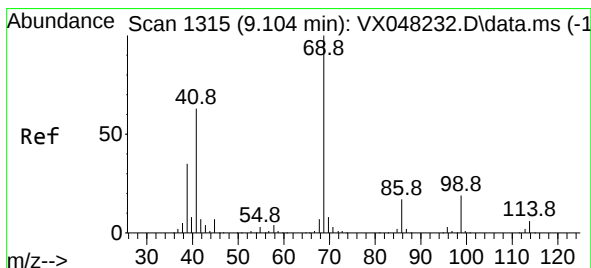
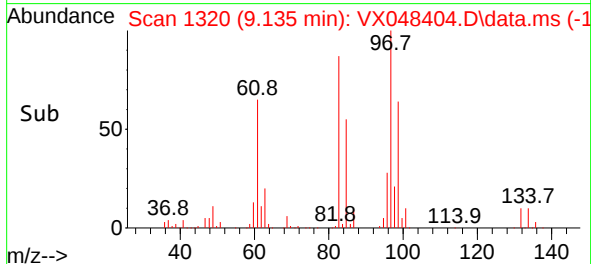
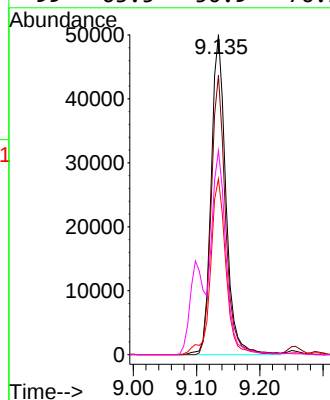
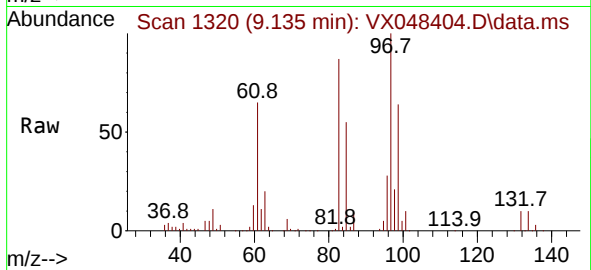




#55
1,1,2-Trichloroethane
Concen: 50.866 ug/l
RT: 9.135 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

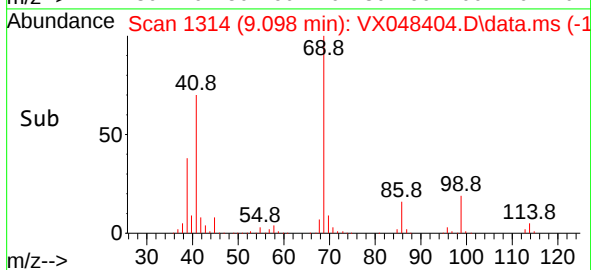
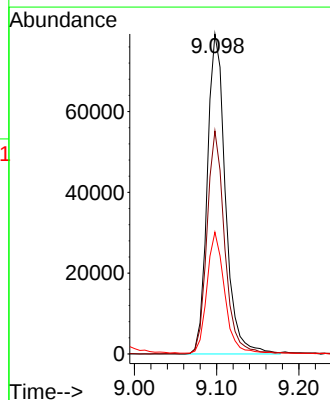
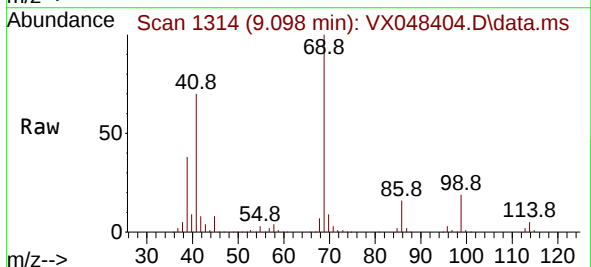
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

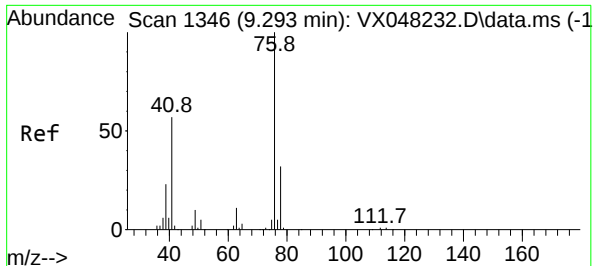
Tgt Ion:	97	Resp:	80840
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.6	105.8
85	54.9	45.0	67.6
99	63.5	50.9	76.3



#56
Ethyl methacrylate
Concen: 52.235 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion:	69	Resp:	121557
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.0	84.0
39	38.1	31.6	47.4





#57

1,3-Dichloropropane

Concen: 49.922 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

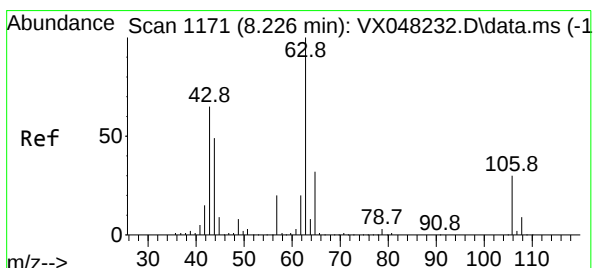
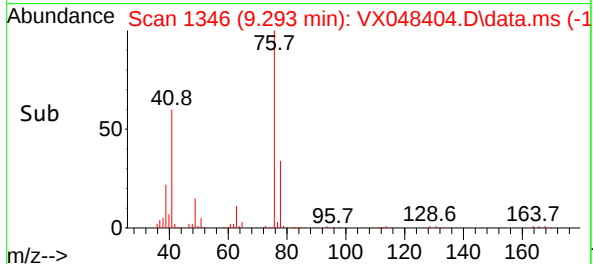
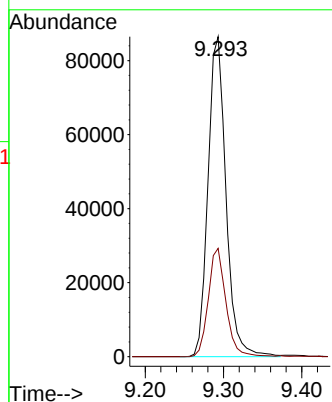
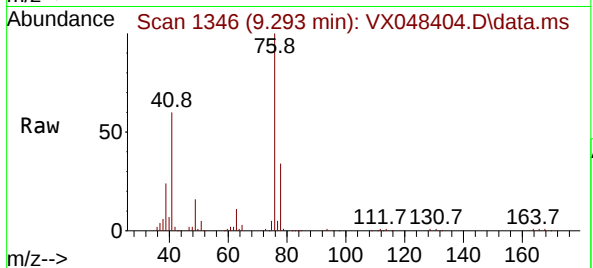
VSTDCCC050

Tgt Ion: 76 Resp: 137567

Ion Ratio Lower Upper

76 100

78 33.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 239.548 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048404.D

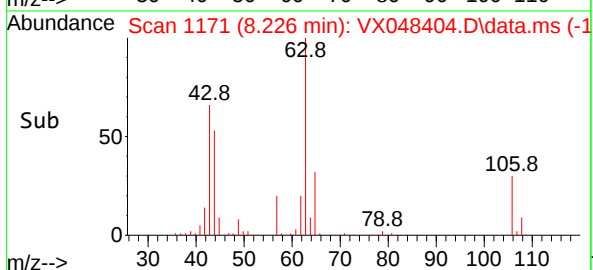
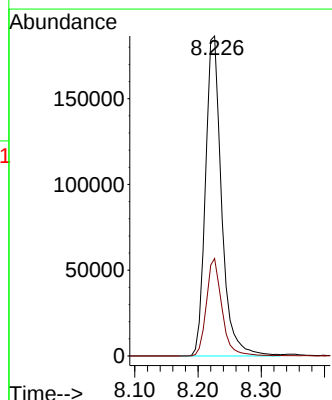
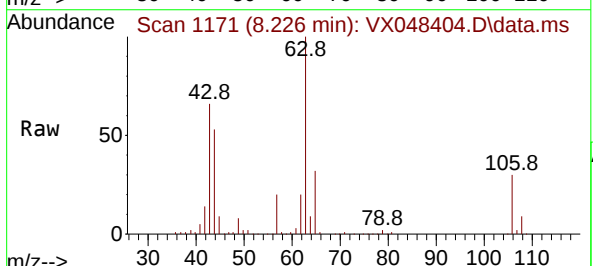
Acq: 29 Oct 2025 10:02

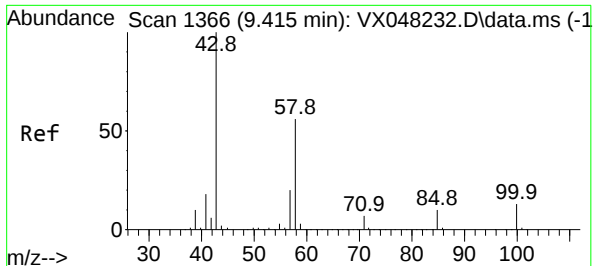
Tgt Ion: 63 Resp: 331466

Ion Ratio Lower Upper

63 100

106 29.5 22.2 33.2





#59

2-Hexanone

Concen: 266.206 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

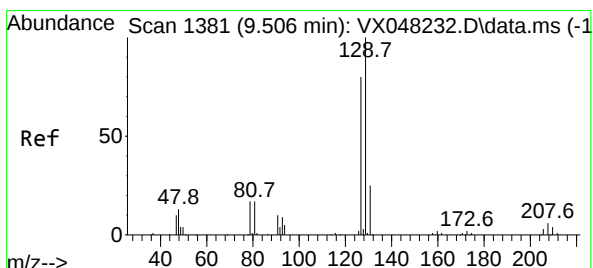
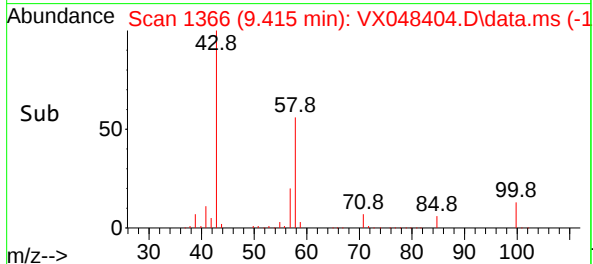
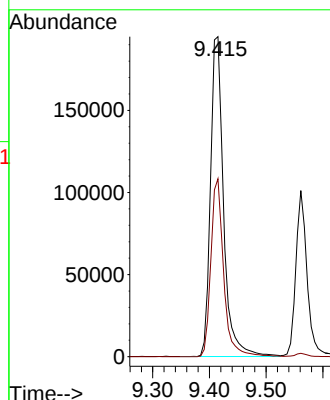
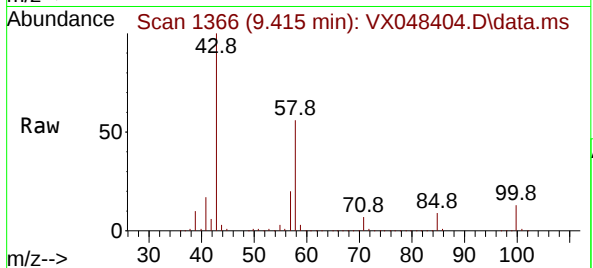
VSTDCCC050

Tgt Ion: 43 Resp: 311950

Ion Ratio Lower Upper

43 100

58 54.4 26.3 78.8



#60

Dibromochloromethane

Concen: 50.453 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VX048404.D

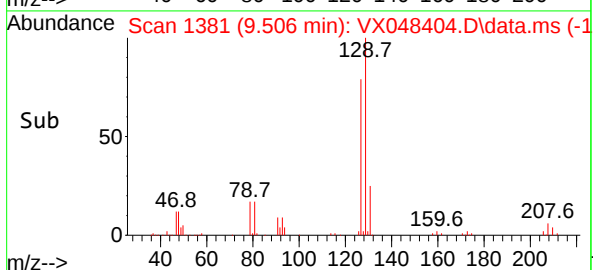
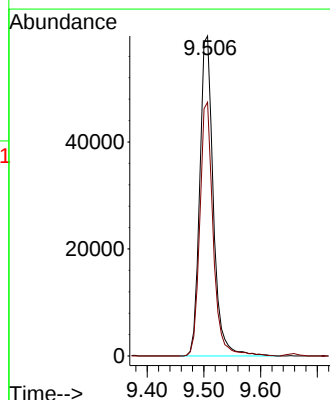
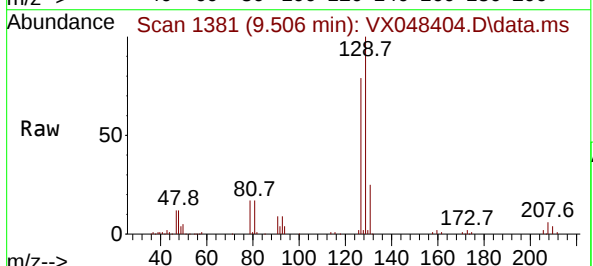
Acq: 29 Oct 2025 10:02

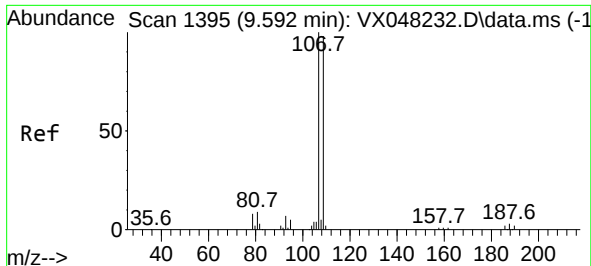
Tgt Ion: 129 Resp: 99169

Ion Ratio Lower Upper

129 100

127 78.2 38.6 115.7

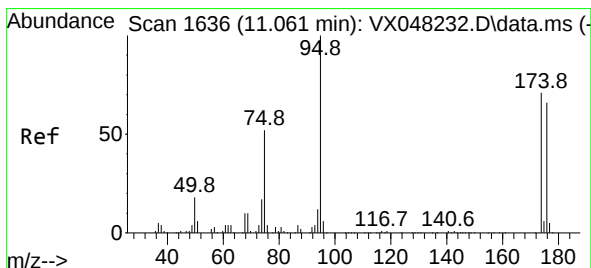
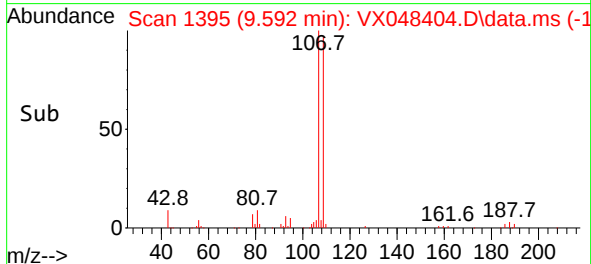
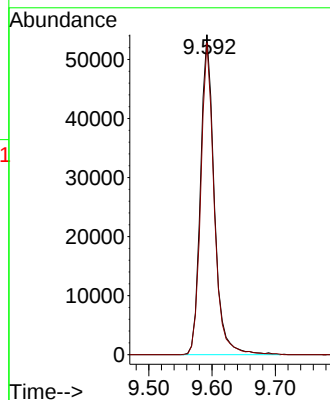
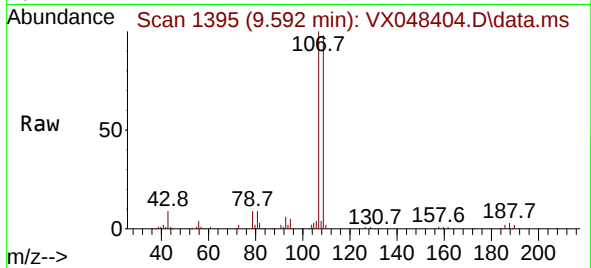




#61
1,2-Dibromoethane
Concen: 50.054 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

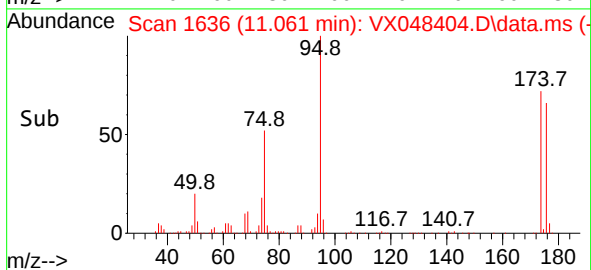
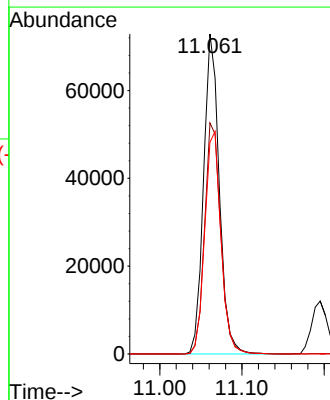
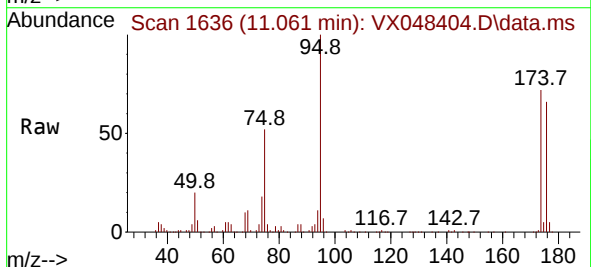
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

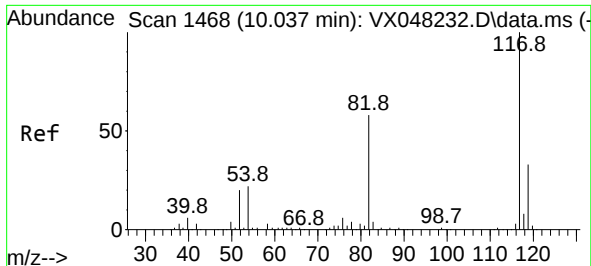
Tgt Ion:107 Resp: 82296
Ion Ratio Lower Upper
107 100
109 95.0 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 42.721 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 95 Resp: 96643
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.8
176 71.8 0.0 142.8

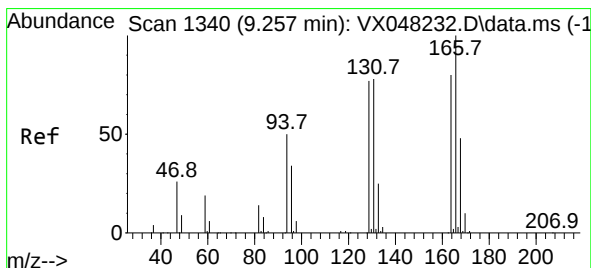
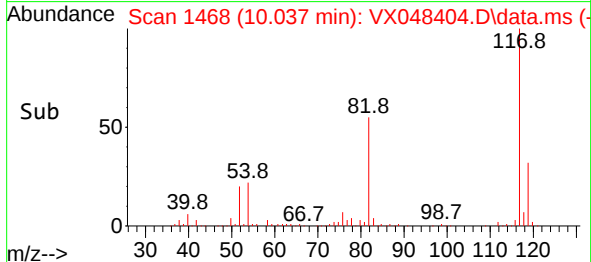
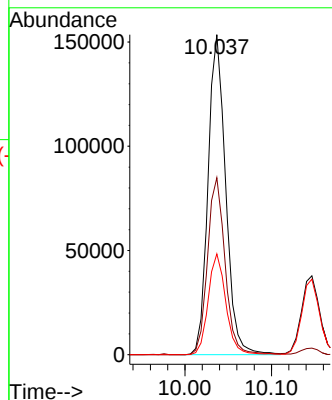
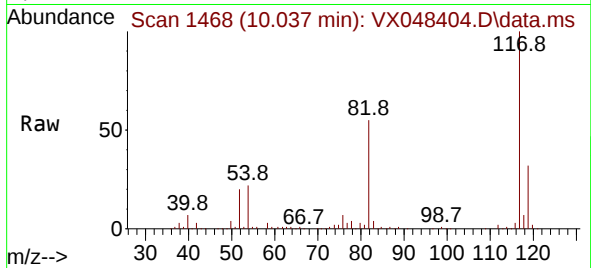




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

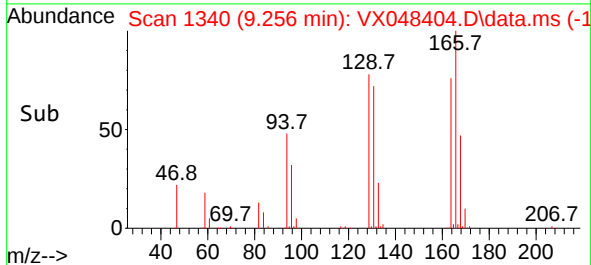
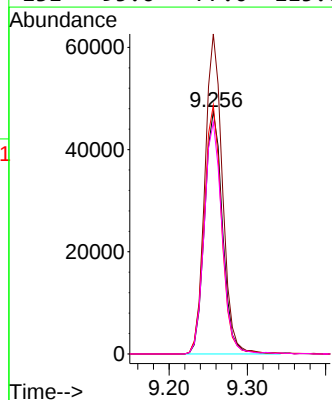
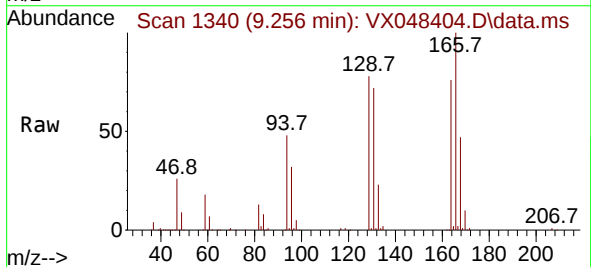
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

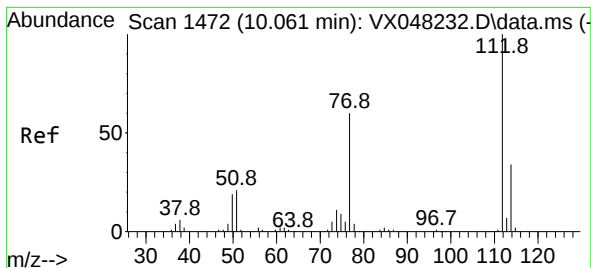
Tgt Ion:117 Resp: 217202
Ion Ratio Lower Upper
117 100
82 55.2 46.5 69.7
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 42.906 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion:164 Resp: 75051
Ion Ratio Lower Upper
164 100
166 132.0 104.5 156.7
129 102.6 81.8 122.6
131 95.6 77.0 115.6





#65

Chlorobenzene

Concen: 45.880 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

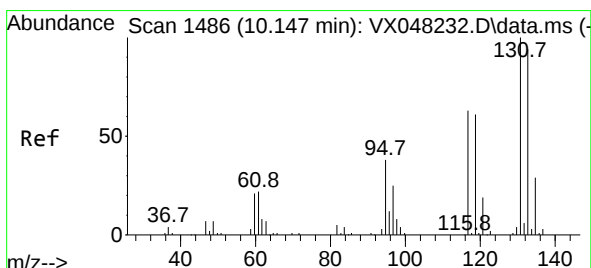
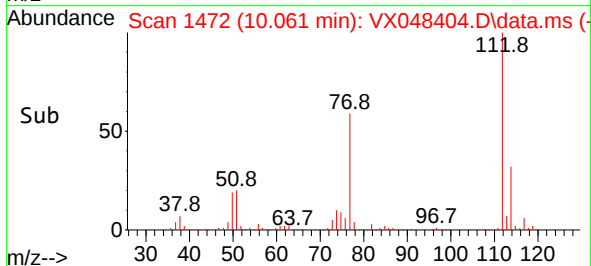
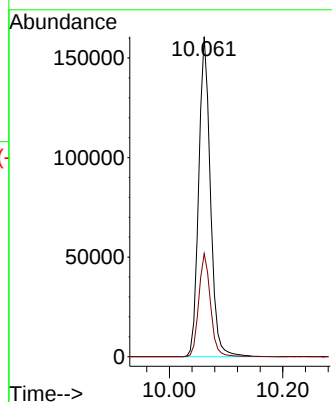
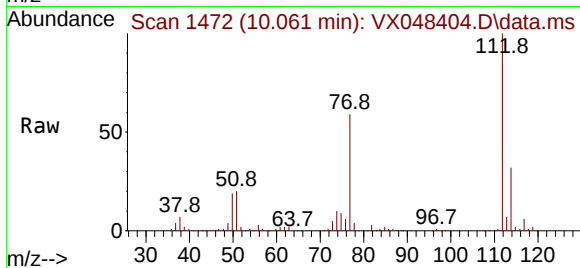
VSTDCCC050

Tgt Ion:112 Resp: 229581

Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 48.627 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

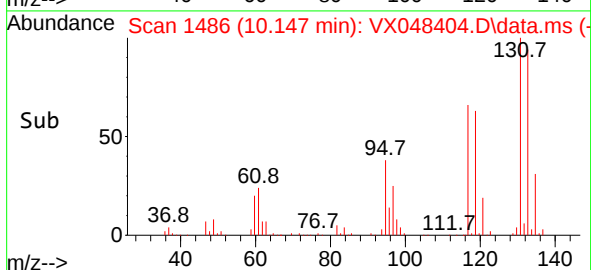
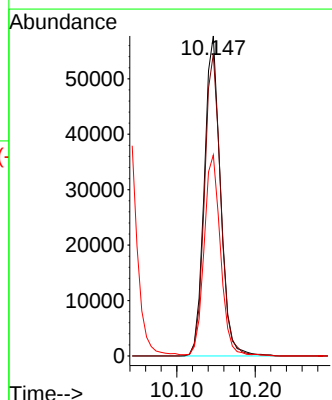
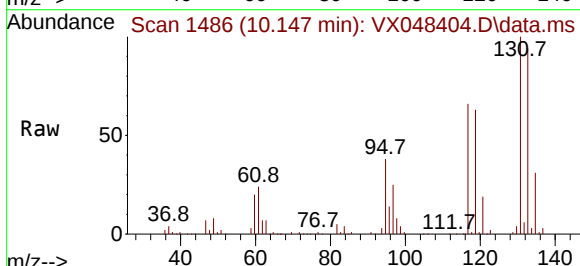
Tgt Ion:131 Resp: 82767

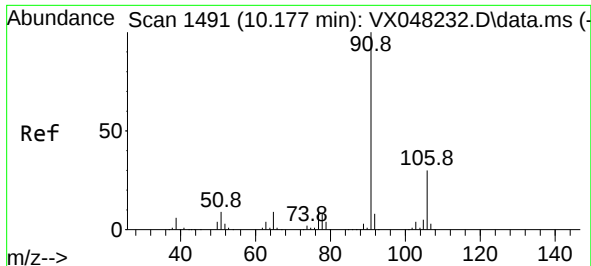
Ion Ratio Lower Upper

131 100

133 94.7 47.6 142.8

119 64.0 32.5 97.5





#67

Ethyl Benzene

Concen: 45.436 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

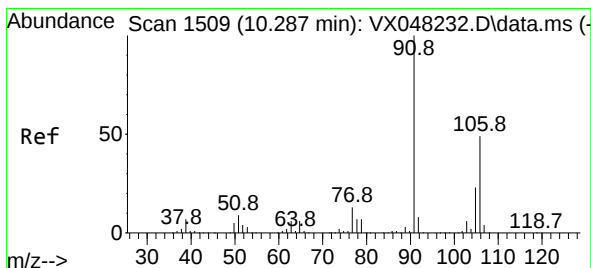
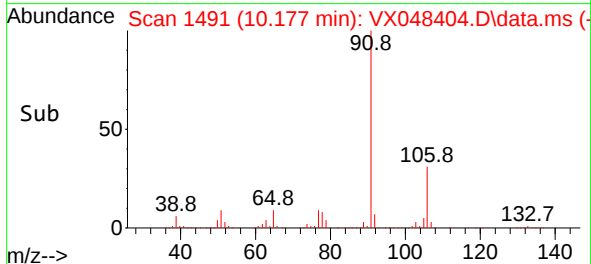
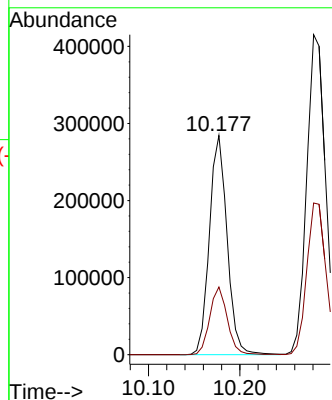
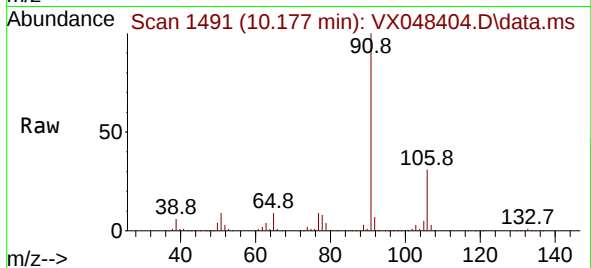
VSTDCCC050

Tgt Ion: 91 Resp: 382808

Ion Ratio Lower Upper

91 100

106 30.9 23.8 35.6



#68

m/p-Xylenes

Concen: 91.346 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048404.D

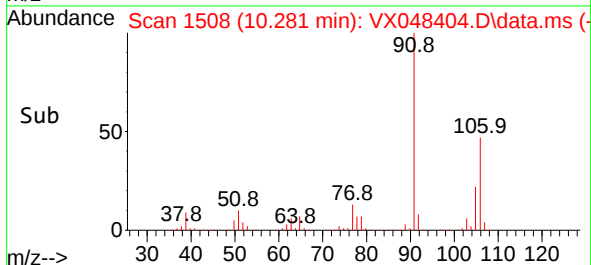
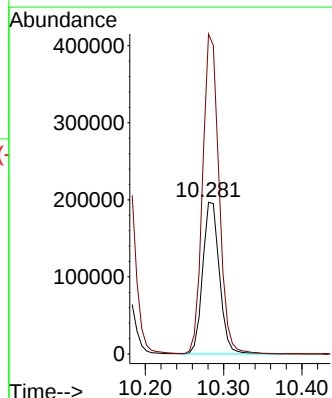
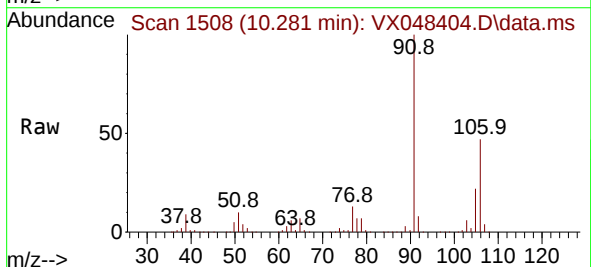
Acq: 29 Oct 2025 10:02

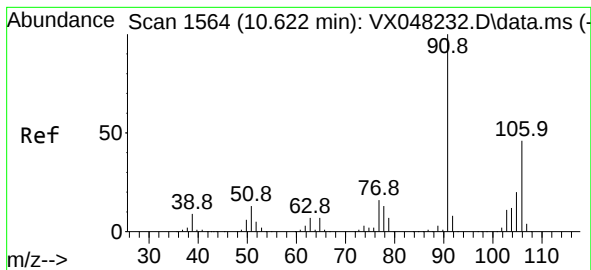
Tgt Ion:106 Resp: 291399

Ion Ratio Lower Upper

106 100

91 207.2 167.9 251.9

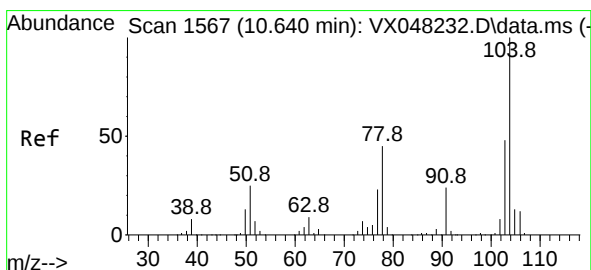
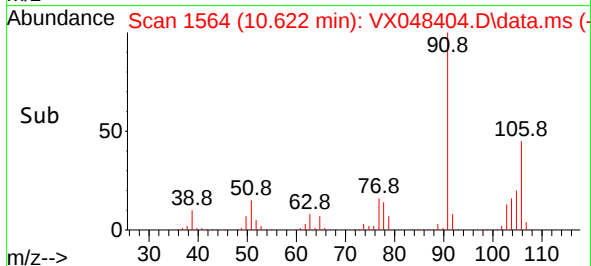
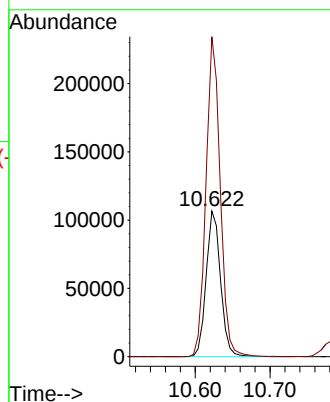
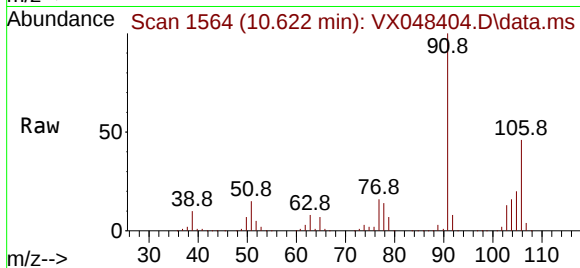




#69
o-Xylene
Concen: 46.713 ug/l
RT: 10.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

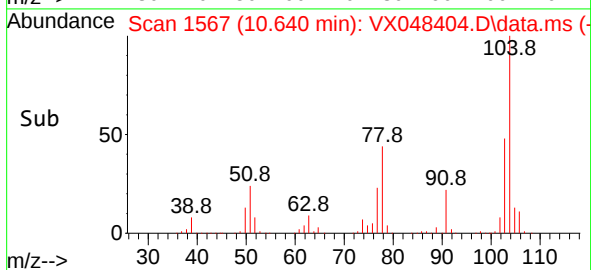
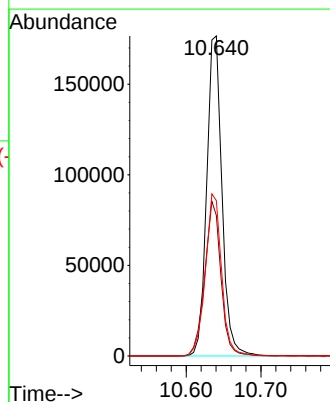
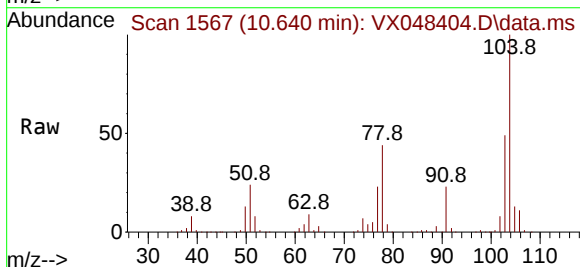
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

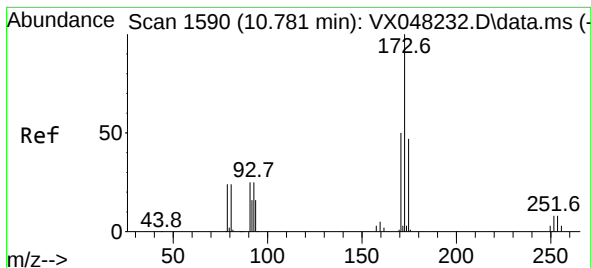
Tgt Ion:106 Resp: 142403
Ion Ratio Lower Upper
106 100
91 217.3 111.3 333.9



#70
Styrene
Concen: 48.531 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion:104 Resp: 250623
Ion Ratio Lower Upper
104 100
78 51.2 42.2 63.4
103 53.8 43.0 64.4





#71

Bromoform

Concen: 50.968 ug/l

RT: 10.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

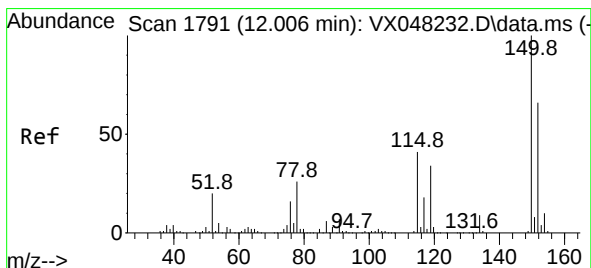
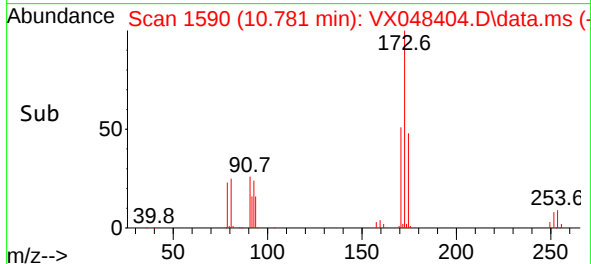
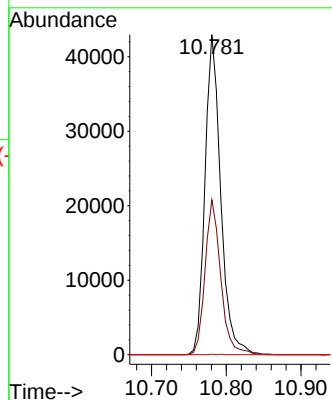
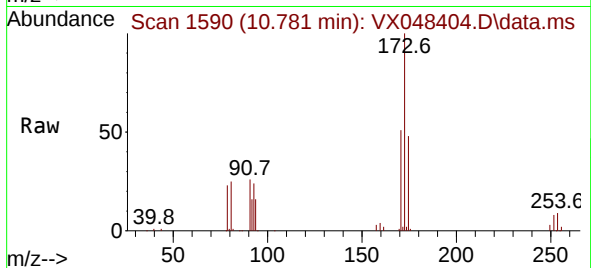
Tgt Ion:173 Resp: 62757

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.000 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

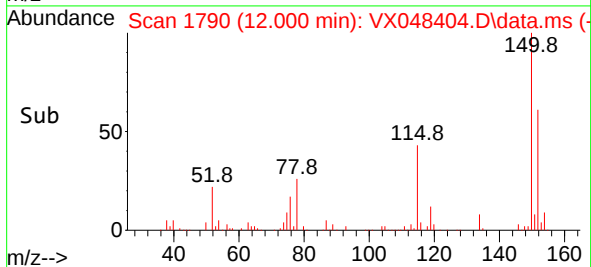
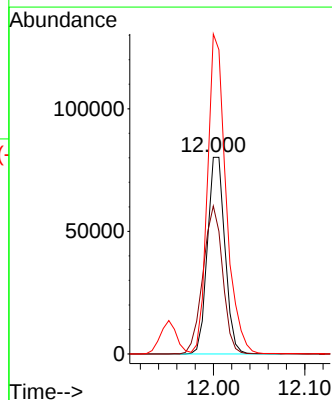
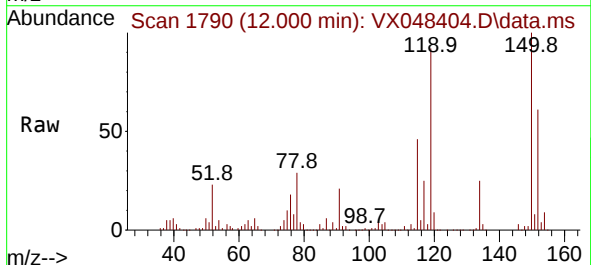
Tgt Ion:152 Resp: 106746

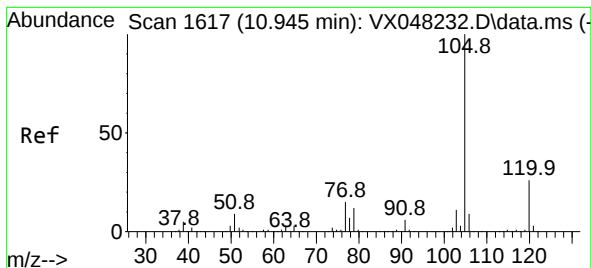
Ion Ratio Lower Upper

152 100

115 84.7 43.1 129.4

150 171.7 0.0 353.0





#73

Isopropylbenzene

Concen: 45.601 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

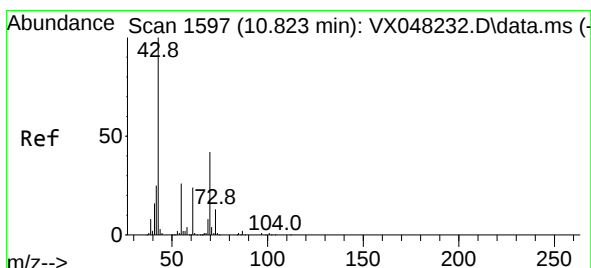
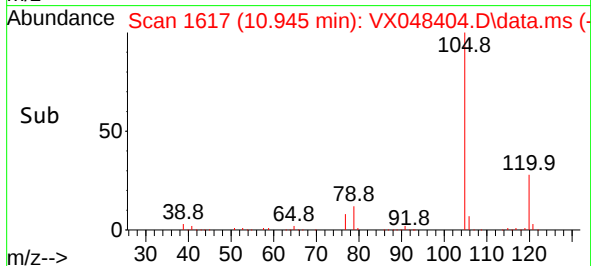
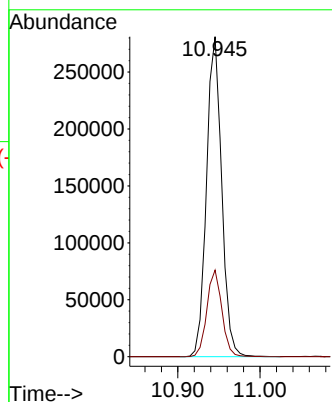
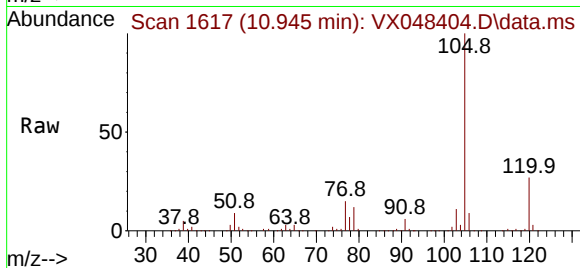
VSTDCCC050

Tgt Ion:105 Resp: 360043

Ion Ratio Lower Upper

105 100

120 26.7 13.0 38.9



#74

N-ethyl acetate

Concen: 52.254 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Tgt Ion: 43 Resp: 147178

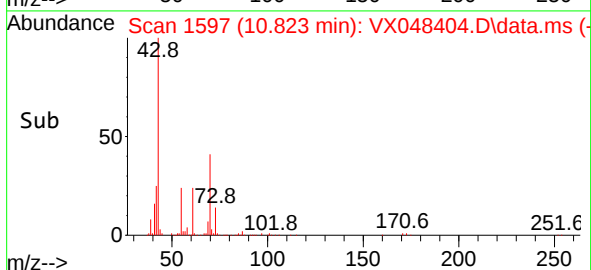
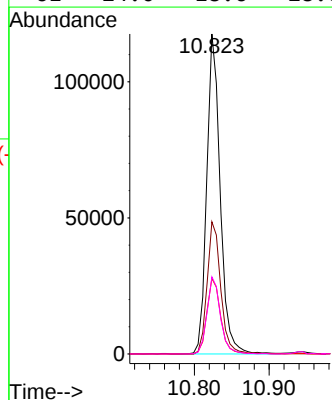
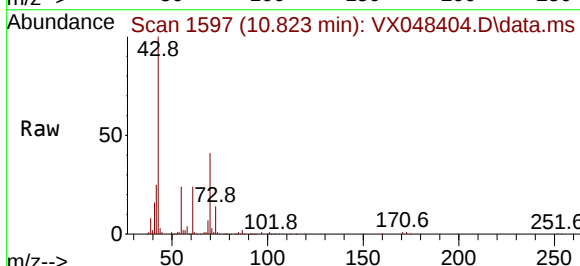
Ion Ratio Lower Upper

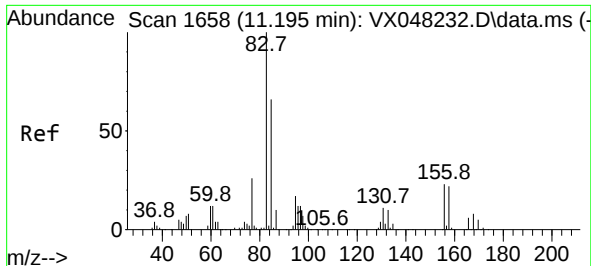
43 100

70 41.9 32.2 48.2

55 24.3 19.1 28.7

61 24.0 18.6 28.0

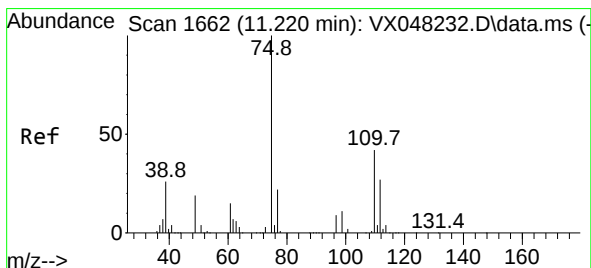
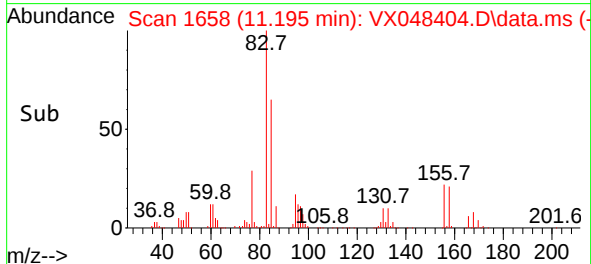
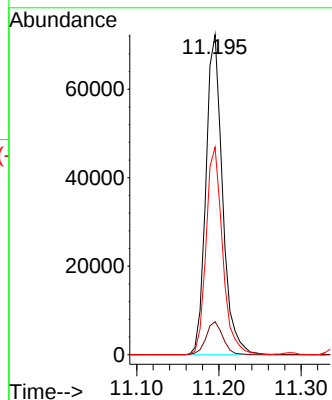
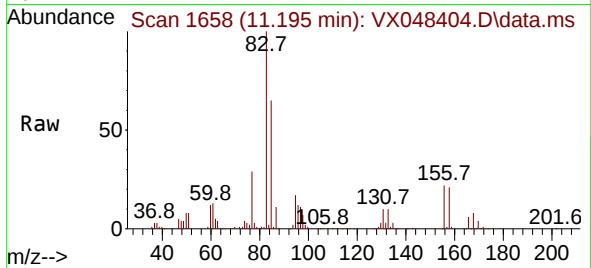




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.791 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VX048404.D
 Acq: 29 Oct 2025 10:02

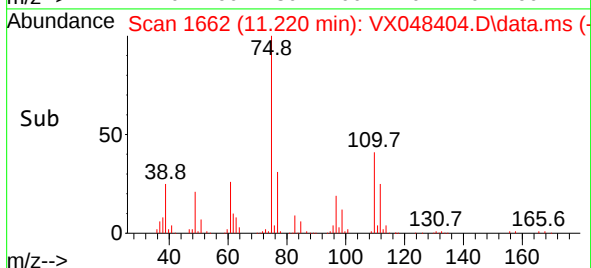
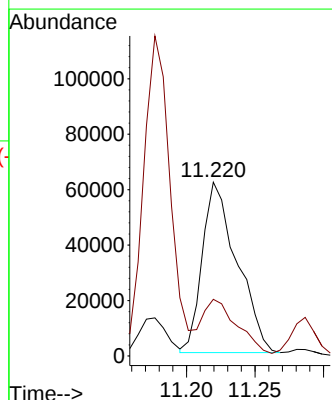
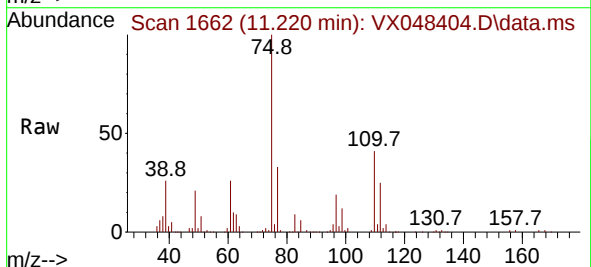
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

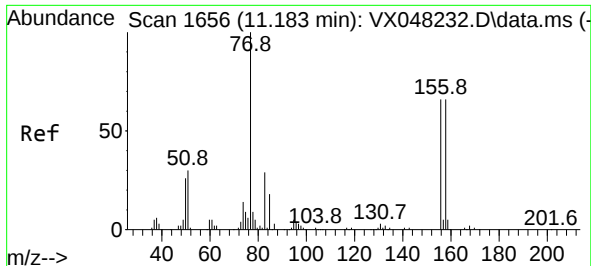
Tgt Ion: 83 Resp: 101575
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.8 14.4
 85 64.5 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 65.323 ug/l
 RT: 11.220 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: VX048404.D
 Acq: 29 Oct 2025 10:02

Tgt Ion: 75 Resp: 108755
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.4 67.2

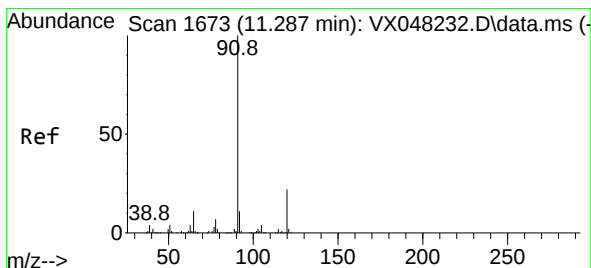
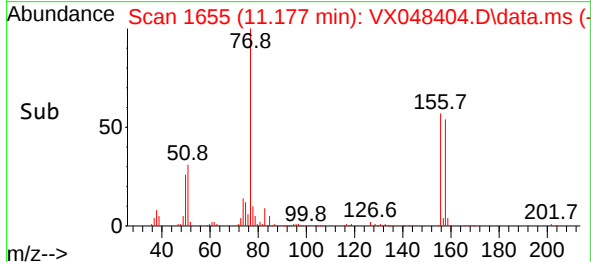
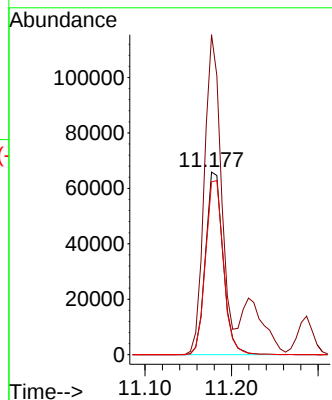
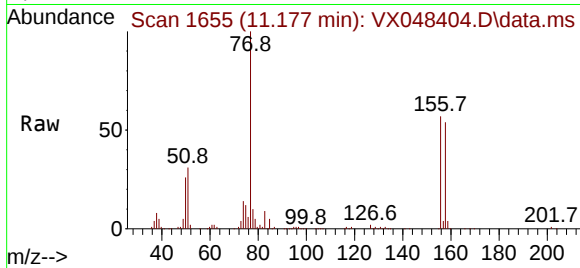




#77
Bromobenzene
Concen: 47.579 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

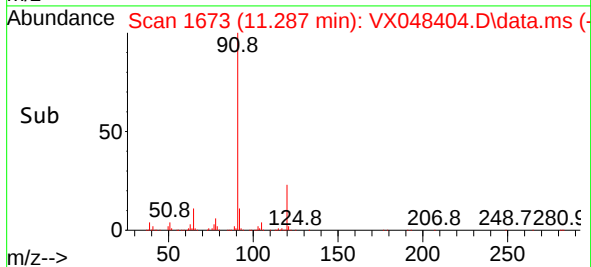
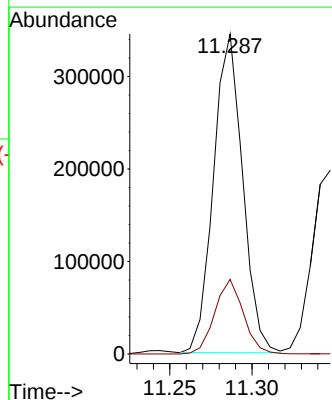
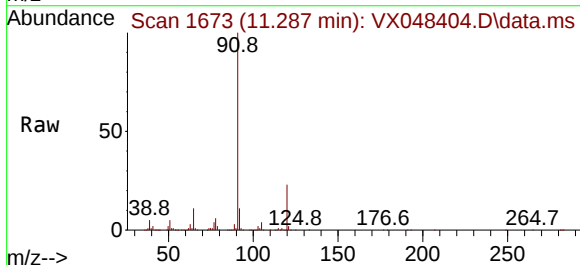
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

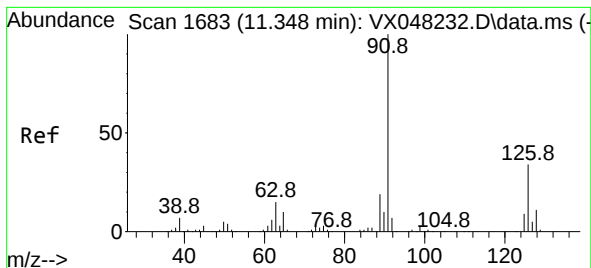
Tgt Ion:156 Resp: 92796
Ion Ratio Lower Upper
156 100
77 168.2 87.0 261.0
158 97.1 47.8 143.4



#78
n-propylbenzene
Concen: 45.583 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 91 Resp: 425369
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.1

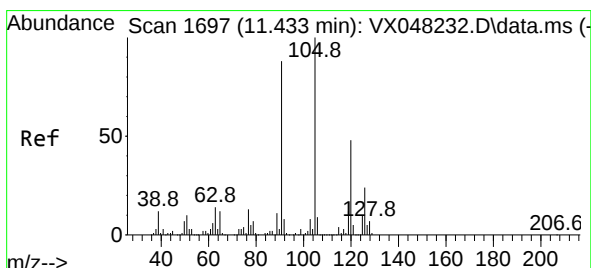
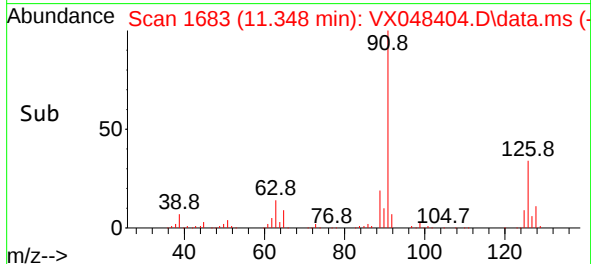
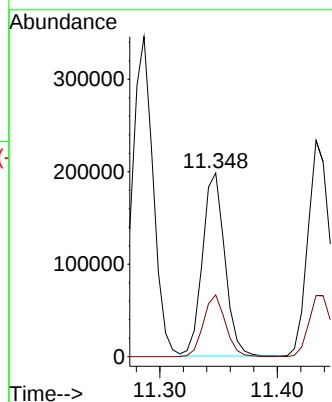
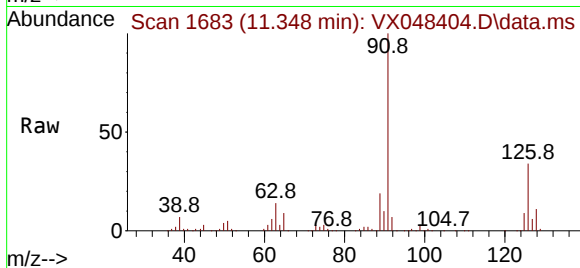




#79
2-Chlorotoluene
Concen: 46.658 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

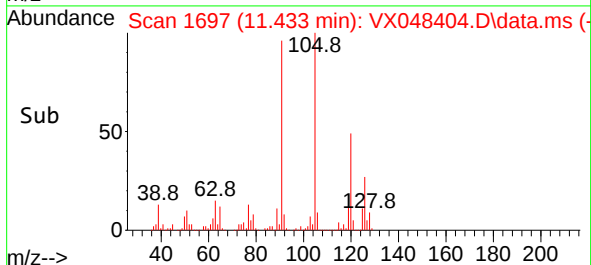
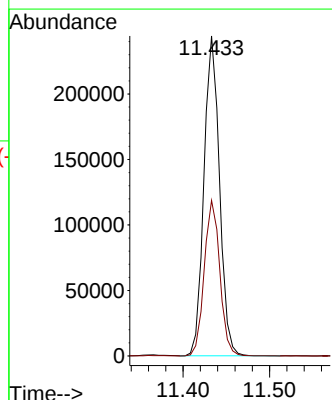
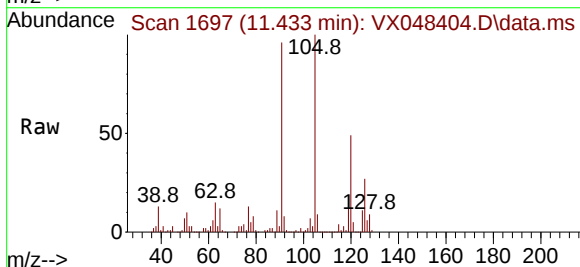
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

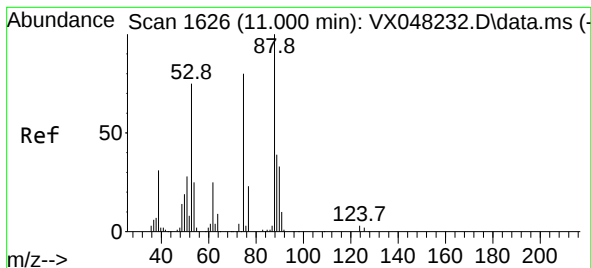
Tgt Ion: 91 Resp: 261414
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 46.938 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion:105 Resp: 303789
Ion Ratio Lower Upper
105 100
120 48.9 24.0 72.0

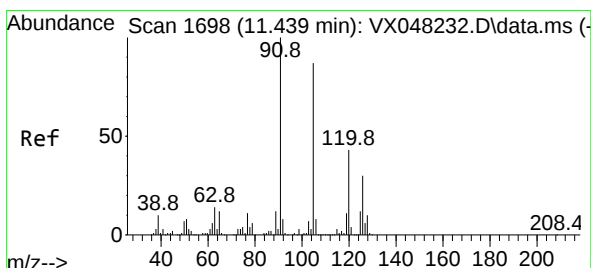
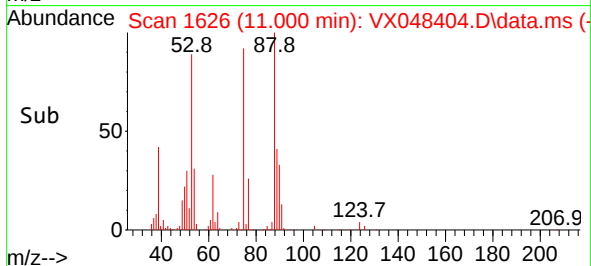
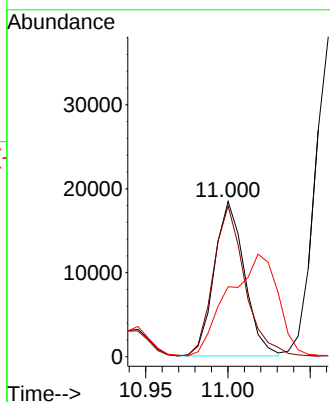
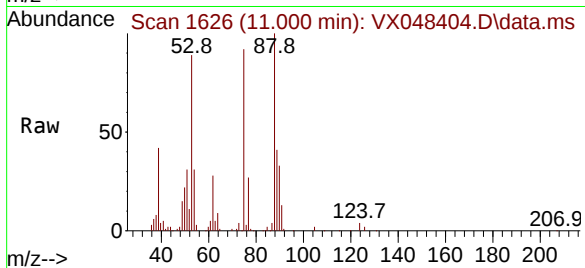




#81
trans-1,4-Dichloro-2-butene
Concen: 52.932 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

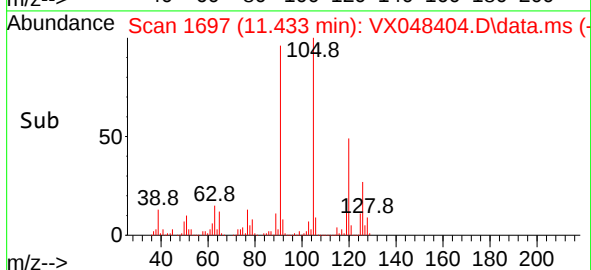
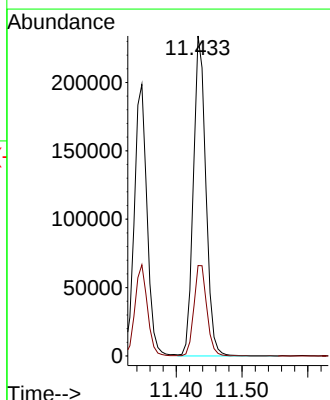
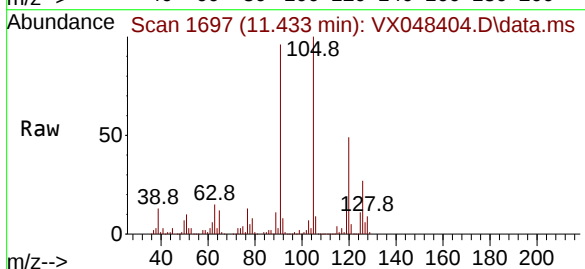
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

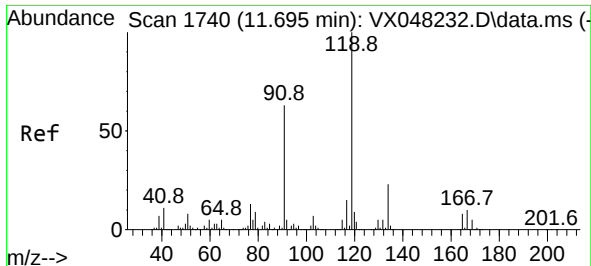
Tgt Ion: 75 Resp: 23481
Ion Ratio Lower Upper
75 100
53 102.1 79.5 119.3
89 110.4 36.8 55.2#



#82
4-Chlorotoluene
Concen: 46.704 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 91 Resp: 307615
Ion Ratio Lower Upper
91 100
126 29.2 14.1 42.4

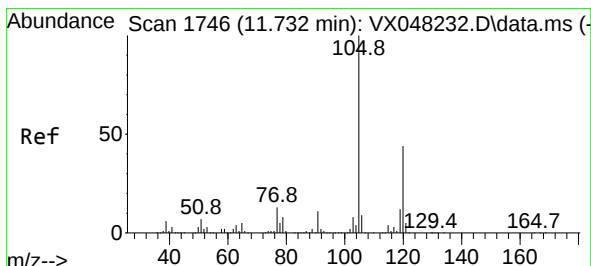
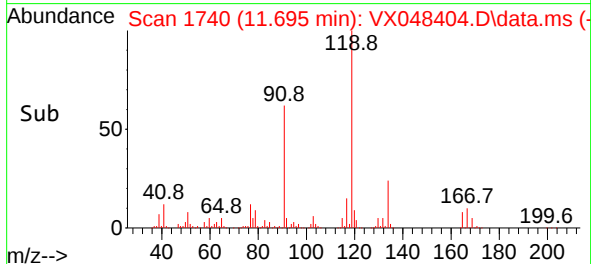
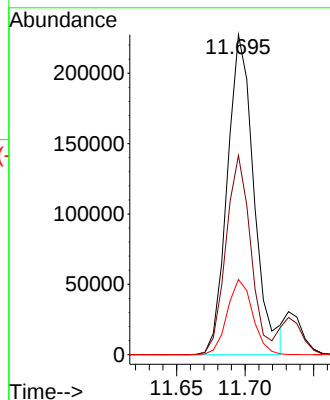
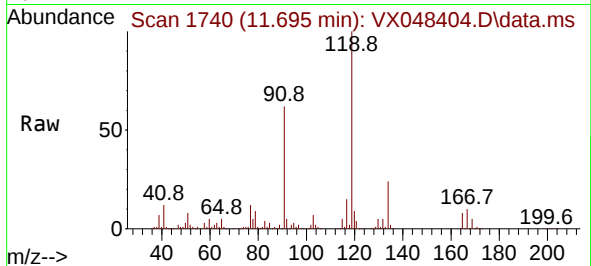




#83
tert-Butylbenzene
Concen: 46.788 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

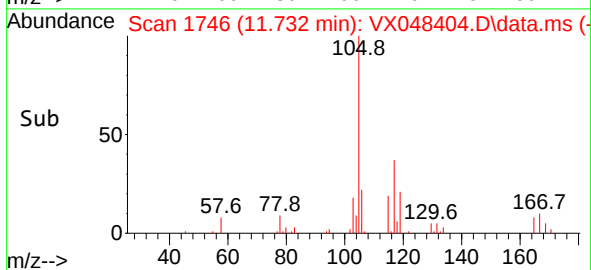
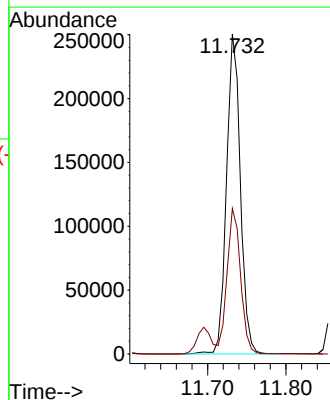
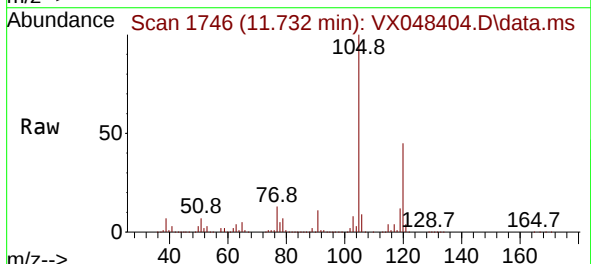
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

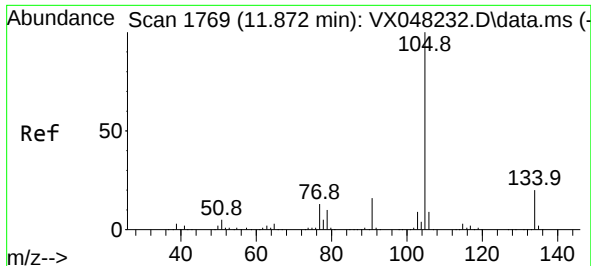
Tgt Ion:119 Resp: 308286
Ion Ratio Lower Upper
119 100
91 58.1 30.3 91.0
134 22.4 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 48.151 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion:105 Resp: 308568
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5

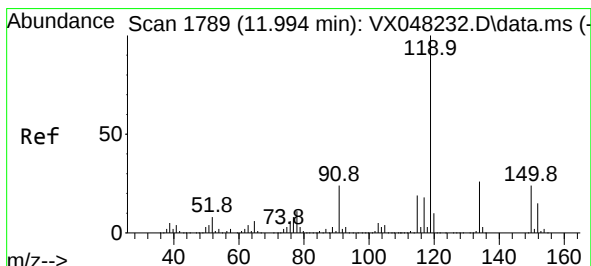
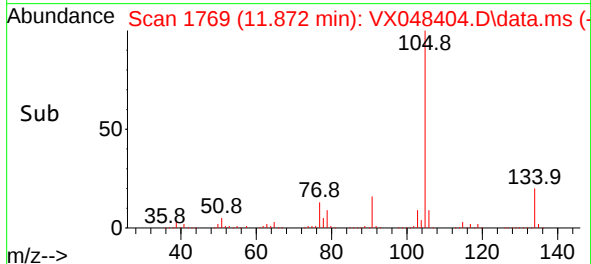
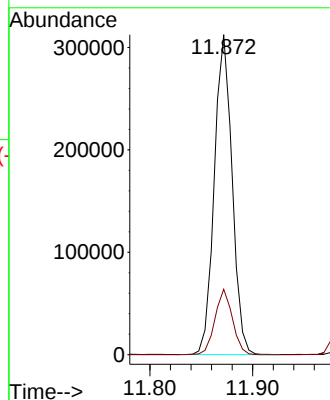
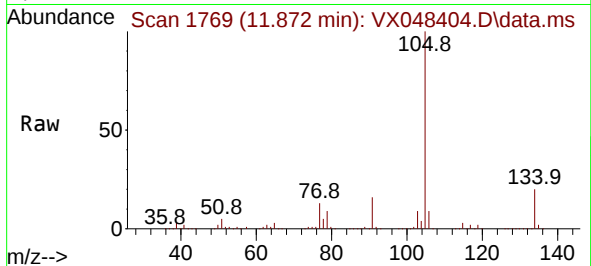




#85
 sec-Butylbenzene
 Concen: 45.712 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048404.D
 Acq: 29 Oct 2025 10:02

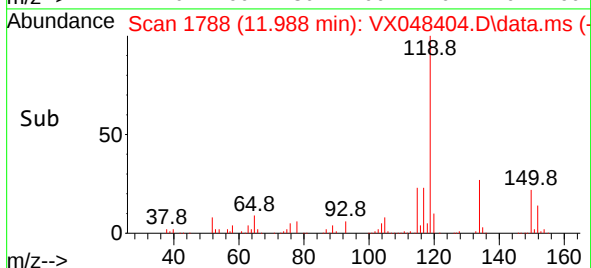
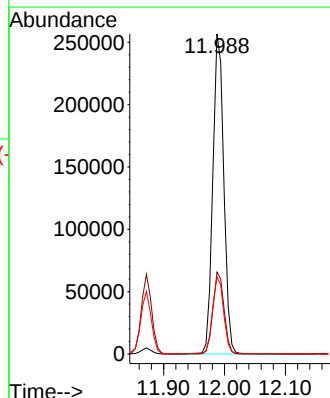
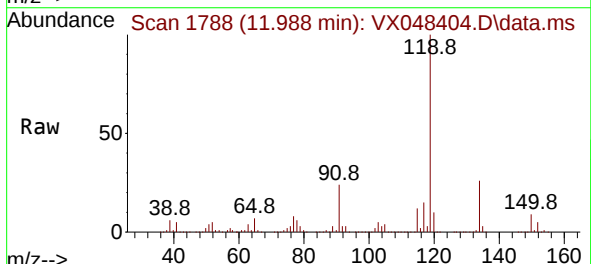
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

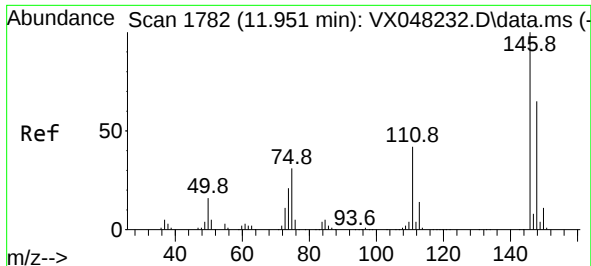
Tgt Ion:105 Resp: 375293
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 46.355 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048404.D
 Acq: 29 Oct 2025 10:02

Tgt Ion:119 Resp: 321739
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.2 12.1 36.3

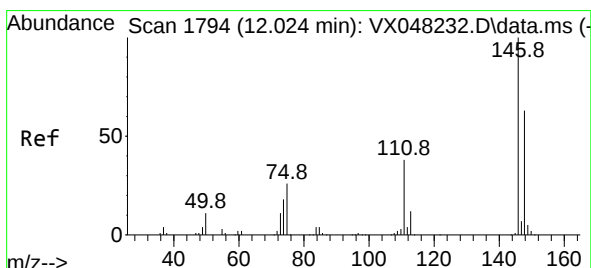
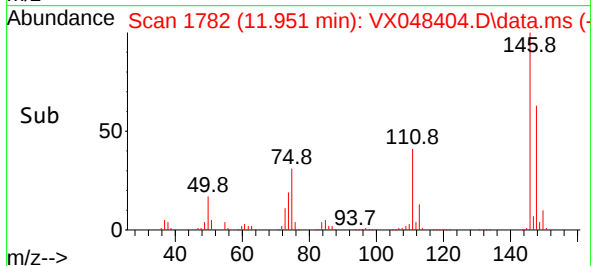
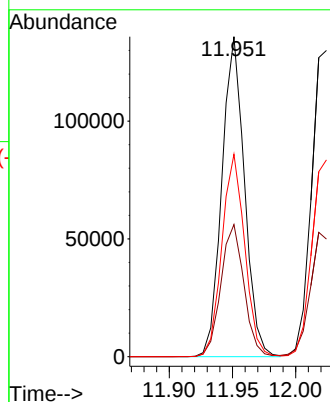
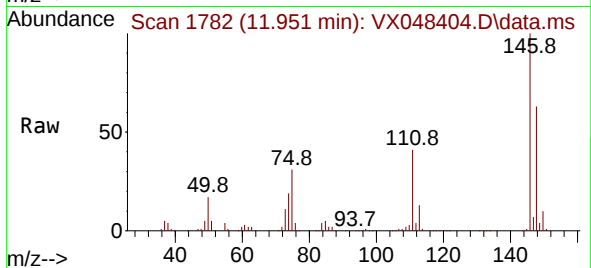




#87
1,3-Dichlorobenzene
Concen: 45.232 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

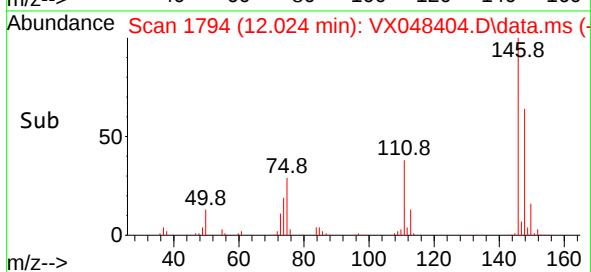
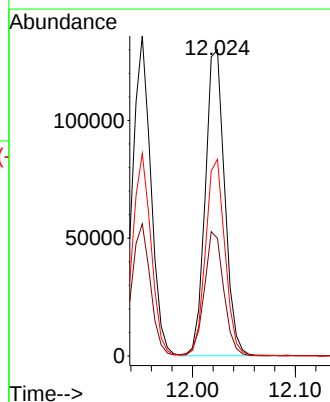
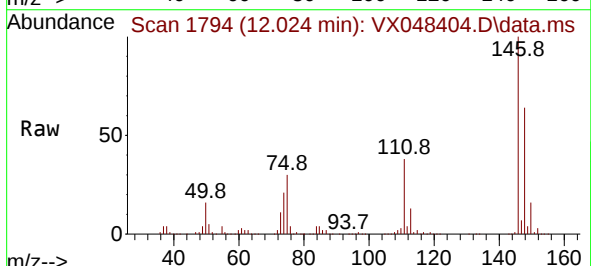
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

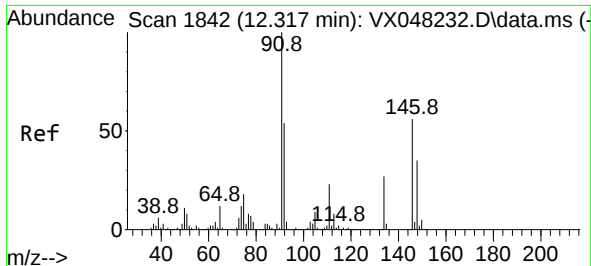
Tgt Ion:146 Resp: 168477
Ion Ratio Lower Upper
146 100
111 42.1 20.4 61.2
148 63.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 44.958 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion:146 Resp: 170553
Ion Ratio Lower Upper
146 100
111 40.8 20.1 60.2
148 64.3 31.8 95.3

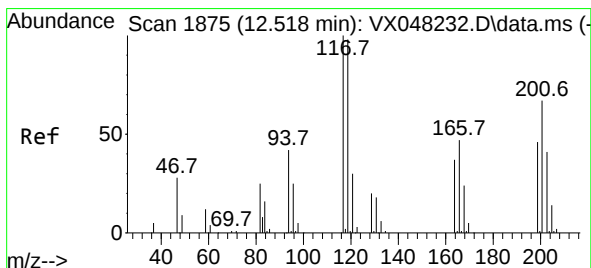
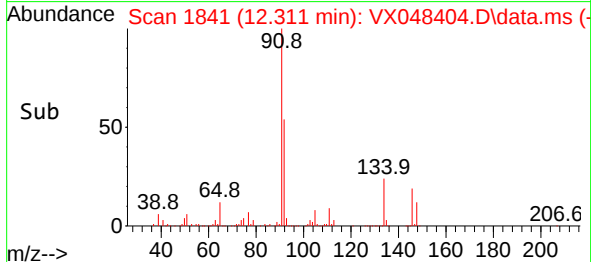
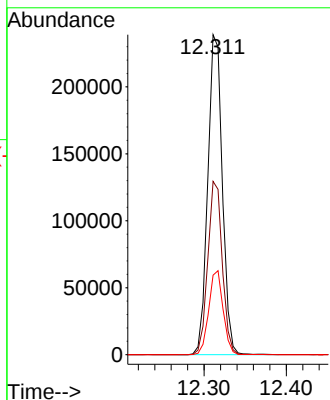
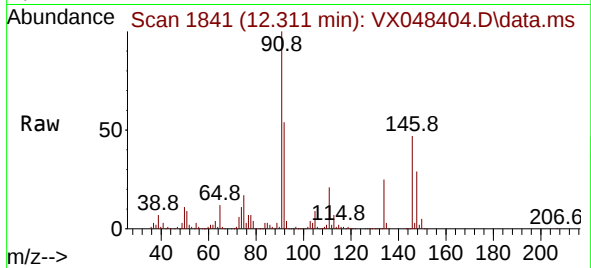




#89
n-Butylbenzene
Concen: 45.093 ug/l
RT: 12.311 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

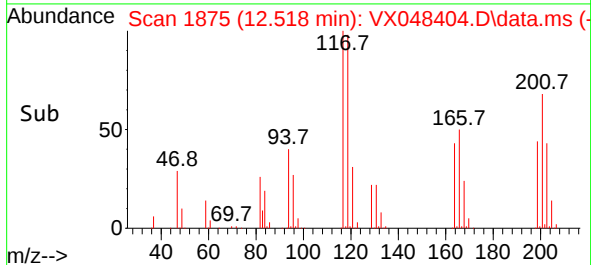
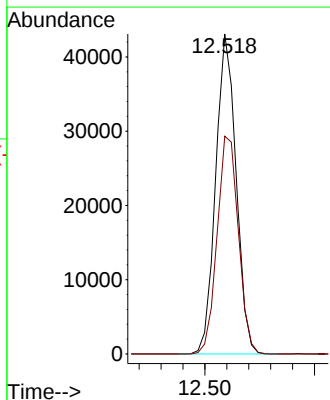
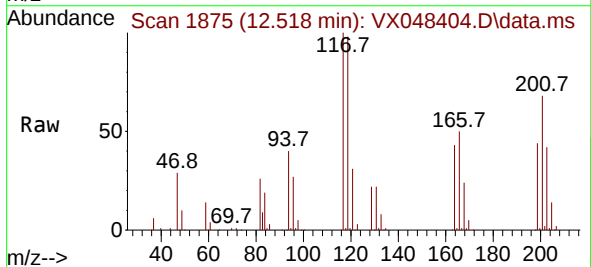
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

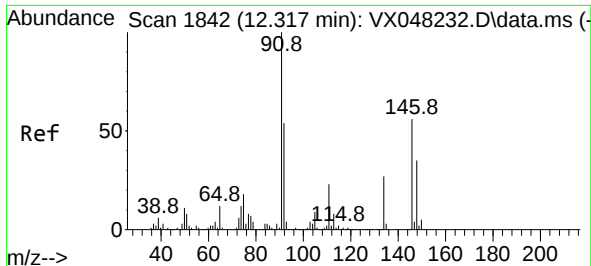
Tgt Ion: 91 Resp: 293856
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.6
134 25.9 12.7 38.1



#90
Hexachloroethane
Concen: 45.682 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion: 117 Resp: 55714
Ion Ratio Lower Upper
117 100
201 71.0 34.1 102.2





#91

1,2-Dichlorobenzene

Concen: 47.690 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

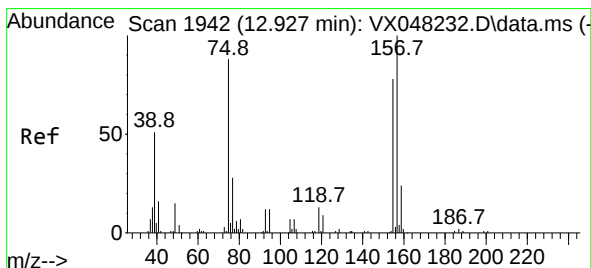
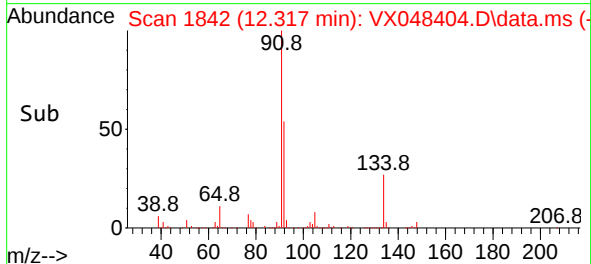
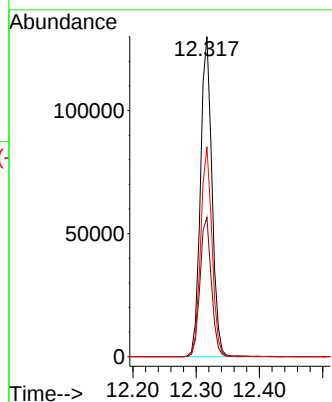
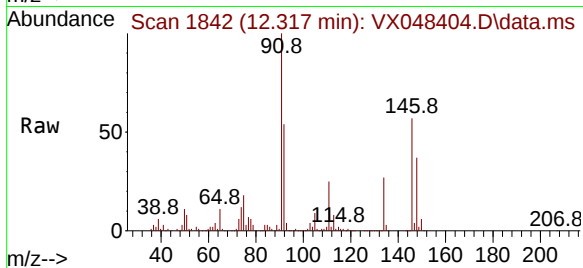
Tgt Ion:146 Resp: 164607

Ion Ratio Lower Upper

146 100

111 43.0 21.9 65.5

148 64.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.994 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

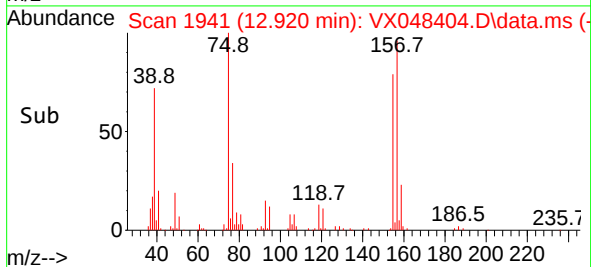
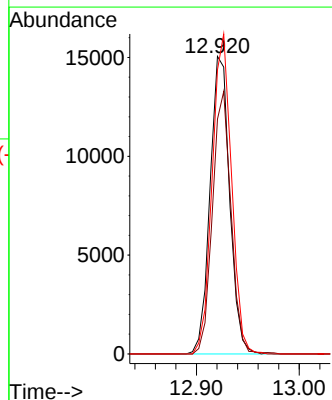
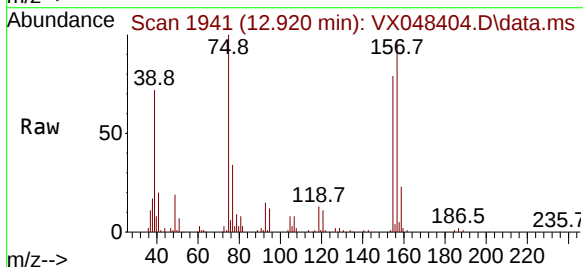
Tgt Ion: 75 Resp: 19970

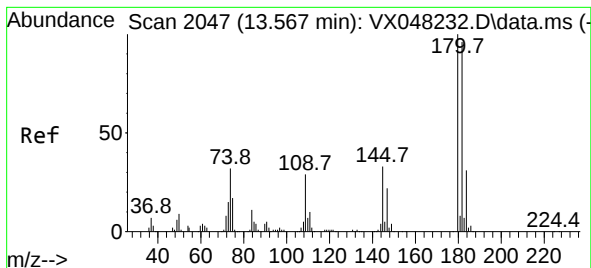
Ion Ratio Lower Upper

75 100

155 83.2 42.8 128.4

157 105.5 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 46.950 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

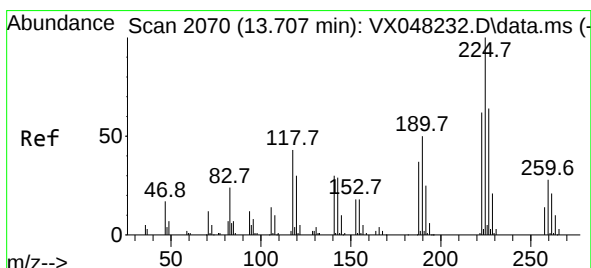
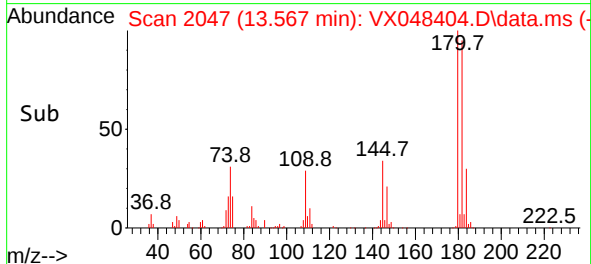
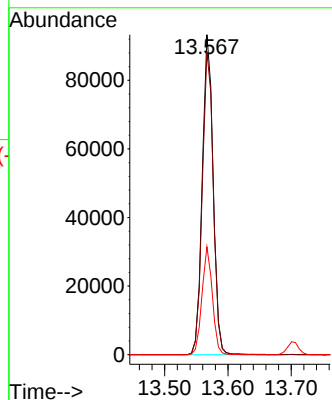
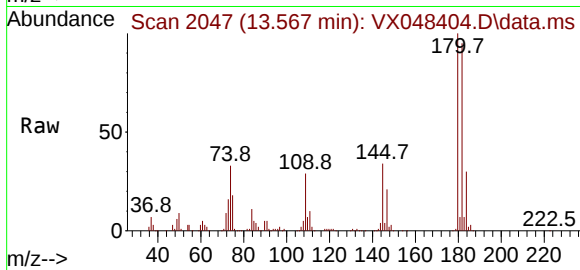
Tgt Ion:180 Resp: 111823

Ion Ratio Lower Upper

180 100

182 95.5 47.3 142.0

145 32.2 16.3 48.9



#94

Hexachlorobutadiene

Concen: 43.350 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048404.D

Acq: 29 Oct 2025 10:02

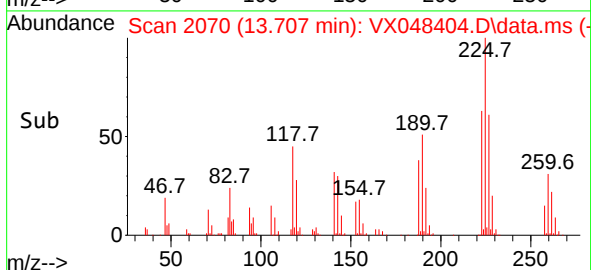
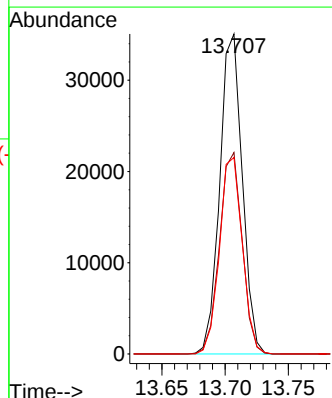
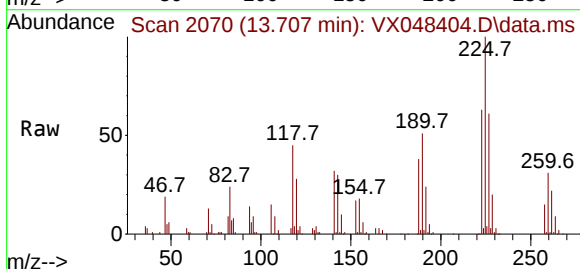
Tgt Ion:225 Resp: 43310

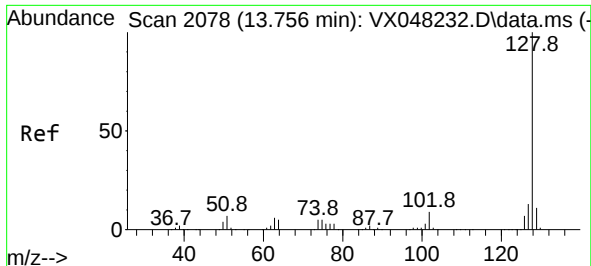
Ion Ratio Lower Upper

225 100

223 63.4 32.6 97.7

227 62.3 32.5 97.4

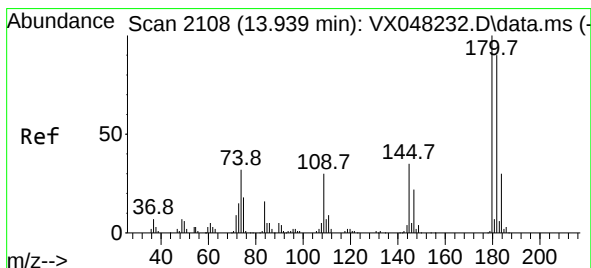
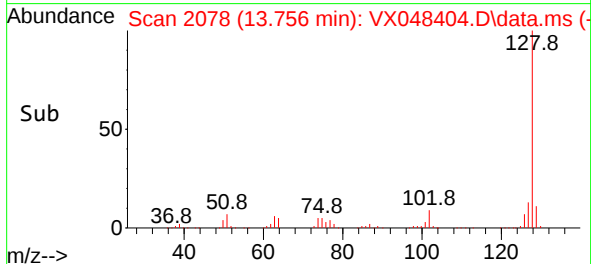
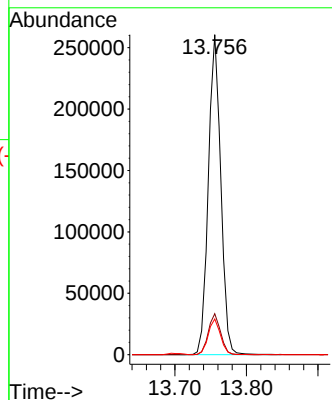
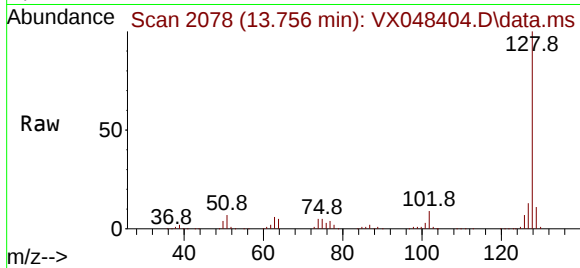




#95
Naphthalene
Concen: 52.312 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 314678
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.269 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048404.D
Acq: 29 Oct 2025 10:02

Tgt Ion:180 Resp: 106591
Ion Ratio Lower Upper
180 100
182 93.6 46.6 139.7
145 34.7 16.9 50.7

