

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047527.D
 Acq On : 26 Aug 2025 11:58
 Operator : JC/MD
 Sample : Q2909-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 27 01:33:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	182194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	155364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147564	57.871	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.740%	
35) Dibromofluoromethane	5.397	113	124409	53.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.540%	
50) Toluene-d8	8.653	98	445727	53.395	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	11.079	95	169388	54.988	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.980%	

Target Compounds					Qvalue	
3) Chloromethane	1.313	50	530	0.254	ug/l	94
5) Bromomethane	1.642	94	823	0.777	ug/l	87
10) Methyl Iodide	2.471	142	18537	4.807	ug/l	95
11) Tert butyl alcohol	2.965	59	3099	13.971	ug/l	97
13) Acrolein	2.258	56	961	2.052	ug/l #	78
14) Allyl chloride	2.727	41	11829	2.969	ug/l #	64
16) Acetone	2.392	43	509222	531.300	ug/l	100
17) Carbon Disulfide	2.538	76	5420	0.783	ug/l	98
18) Methyl Acetate	2.721	43	36992	14.894	ug/l #	80
20) Methylene Chloride	2.806	84	14168	5.582	ug/l	98
25) 2-Butanone	4.587	43	25714	20.485	ug/l	94
29) Tetrahydrofuran	5.068	42	1311	1.616	ug/l #	57
31) Cyclohexane	5.513	56	34410	8.385	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	15182	4.118	ug/l #	50
37) Ethyl Acetate	4.745	43	10238	2.675	ug/l #	92
38) Carbon Tetrachloride	5.568	117	20022	4.970	ug/l #	14
39) Methylcyclohexane	7.385	83	13977	3.039	ug/l	95
40) Benzene	6.050	78	5120	0.464	ug/l #	89
43) Isopropyl Acetate	6.355	43	20245	3.682	ug/l #	76
44) Trichloroethene	7.135	130	1943	0.688	ug/l	99
48) Methyl methacrylate	7.708	41	7985	2.798	ug/l #	92
49) 1,4-Dioxane	7.793	88	80	2.883	ug/l #	22
51) 4-Methyl-2-Pentanone	8.549	43	91397	28.885	ug/l #	36
52) Toluene	8.720	92	7028423	1030.726	ug/l	92
53) t-1,3-Dichloropropene	8.720	75	87898	24.205	ug/l #	1
54) cis-1,3-Dichloropropene	8.549	75	32916	8.008	ug/l #	63
58) 2-Chloroethyl Vinyl ether	8.269	63	263	8.495	ug/l #	46
59) 2-Hexanone	9.445	43	3109	1.420	ug/l	95
64) Tetrachloroethene	9.275	164	1982	0.852	ug/l #	83
67) Ethyl Benzene	10.195	91	178896	13.600	ug/l	98
68) m/p-Xylenes	10.299	106	272462	55.550	ug/l	98
69) o-Xylene	10.640	106	116621	24.707	ug/l	99
70) Styrene	10.640	104	8981	1.126	ug/l #	1
73) Isopropylbenzene	10.964	105	28838	2.372	ug/l	100
74) N-amyl acetate	10.854	43	30760	6.663	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.213	83	14161	3.967	ug/l #	26

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

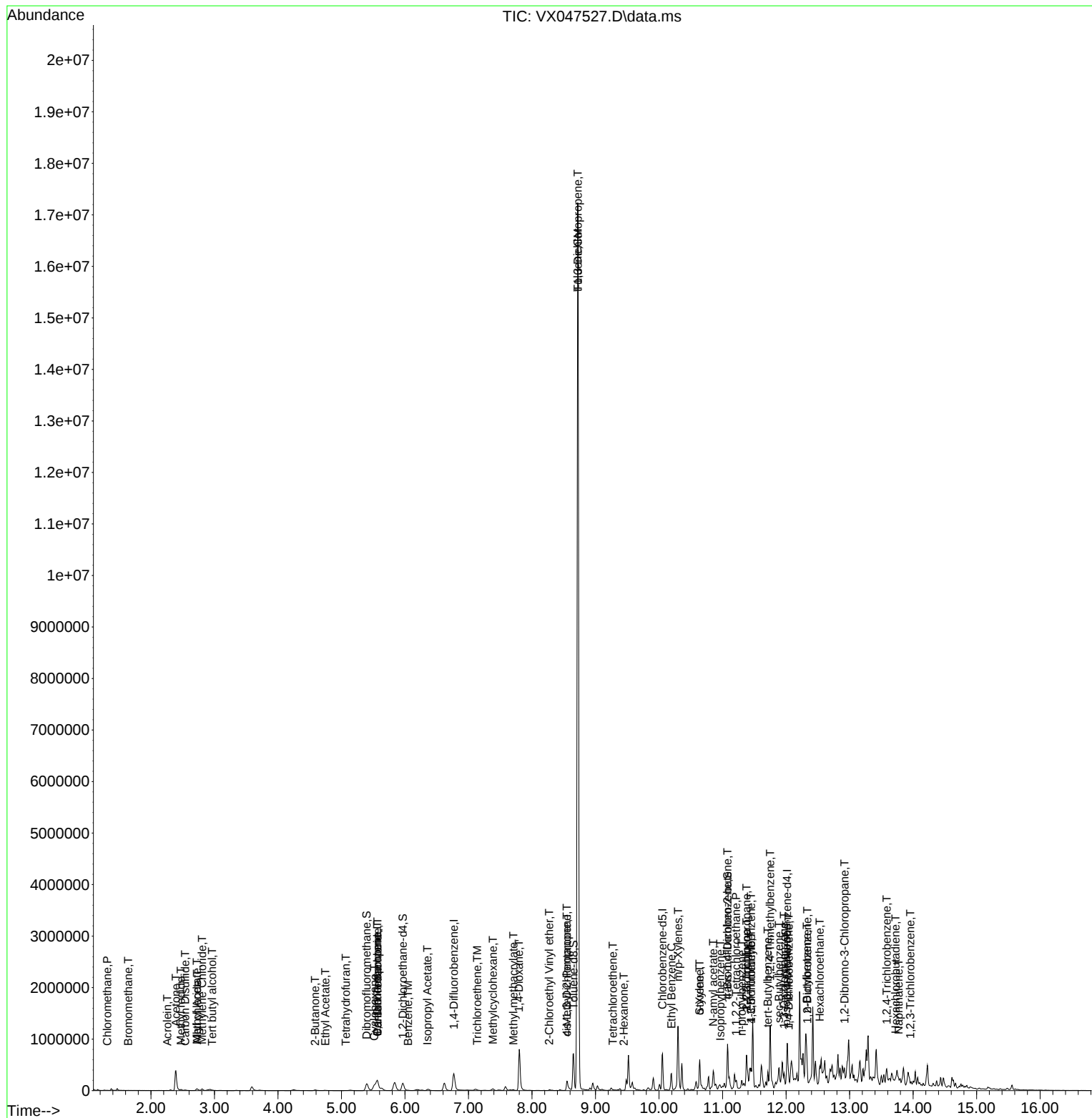
76) 1,2,3-Trichloropropane	11.378	75	3294	1.156	ug/l #	1
78) n-propylbenzene	11.305	91	98460	6.781	ug/l	99
79) 2-Chlorotoluene	11.378	91	49733	5.666	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	122528	12.249	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	86973	119.668	ug/l #	9
82) 4-Chlorotoluene	11.451	91	17854	1.726	ug/l #	62
83) tert-Butylbenzene	11.713	119	2292	0.230	ug/l #	31
84) 1,2,4-Trimethylbenzene	11.750	105	474225	47.405	ug/l	99
85) sec-Butylbenzene	11.890	105	65461	5.292	ug/l	89
86) p-Isopropyltoluene	12.006	119	37769	3.608	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	1561	0.275	ug/l #	74
88) 1,4-Dichlorobenzene	12.043	146	1623	0.278	ug/l #	1
89) n-Butylbenzene	12.329	91	135554	13.923	ug/l #	53
90) Hexachloroethane	12.530	117	13567	7.388	ug/l #	15
91) 1,2-Dichlorobenzene	12.335	146	1179	0.219	ug/l #	71
92) 1,2-Dibromo-3-Chloropr...	12.920	75	969	1.404	ug/l #	20
93) 1,2,4-Trichlorobenzene	13.585	180	2462	0.682	ug/l #	1
94) Hexachlorobutadiene	13.725	225	2335	1.818	ug/l	93
95) Naphthalene	13.774	128	52951	5.134	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.957	180	3248	0.955	ug/l #	1

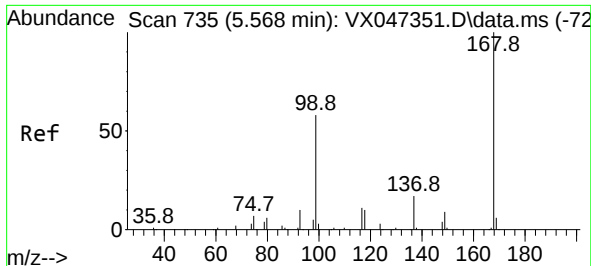
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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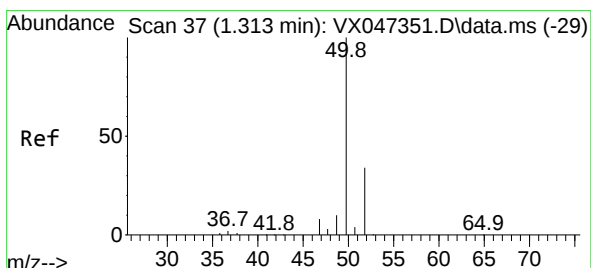
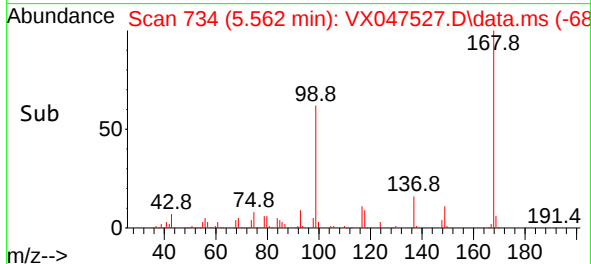
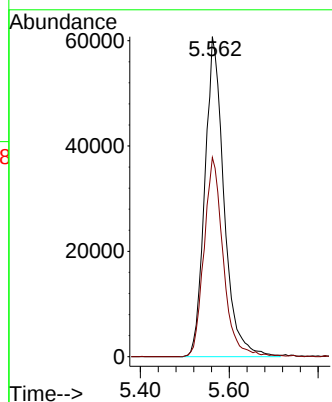
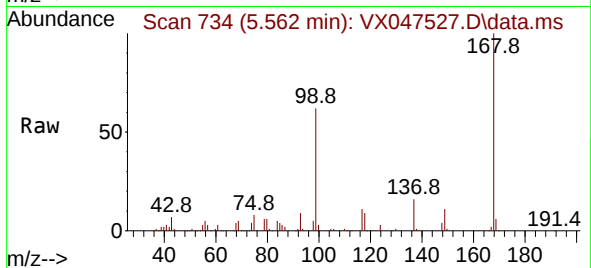




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

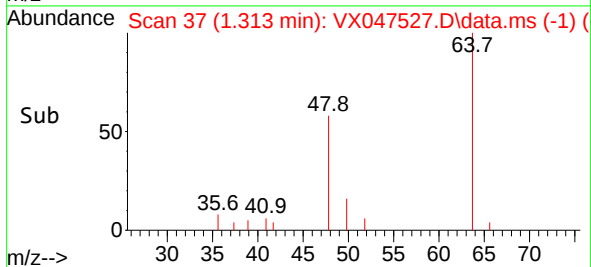
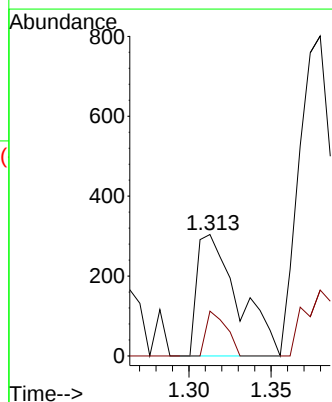
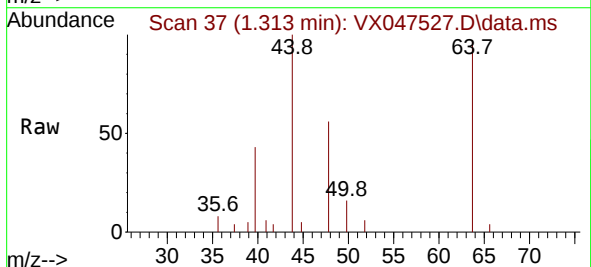
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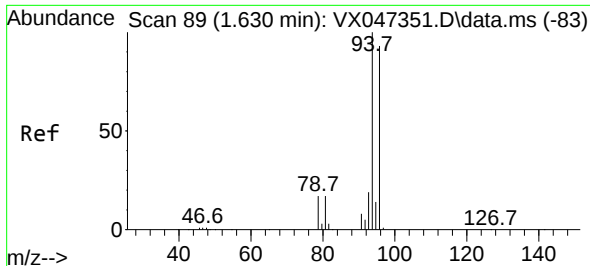
Tgt Ion:168 Resp: 182194
Ion Ratio Lower Upper
168 100
99 62.3 47.9 71.9



#3
Chloromethane
Concen: 0.254 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

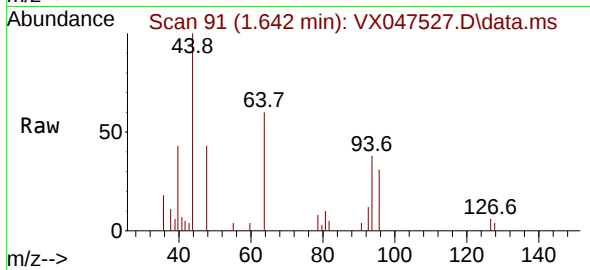
Tgt Ion: 50 Resp: 530
Ion Ratio Lower Upper
50 100
52 36.8 27.0 40.4



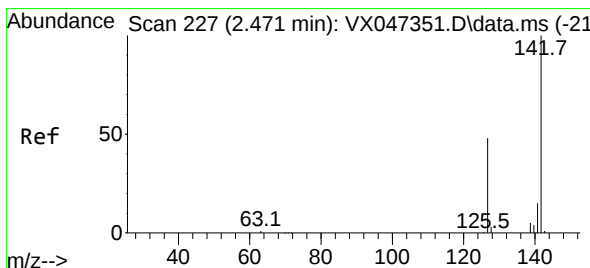
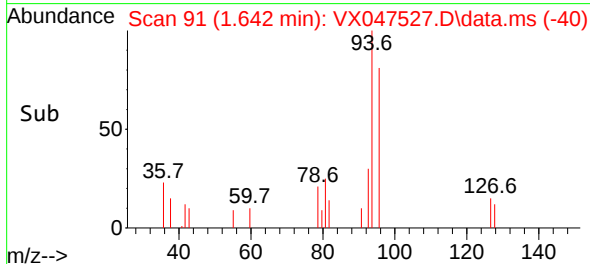
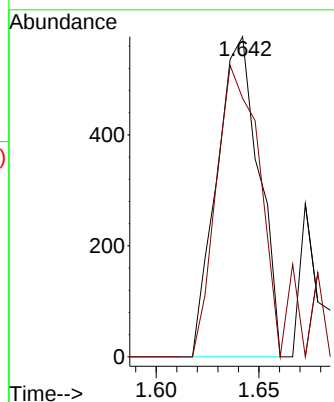


#5
Bromomethane
Concen: 0.777 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :

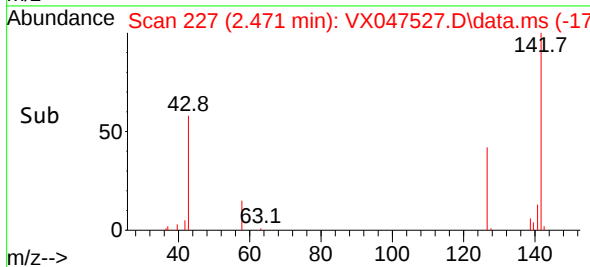
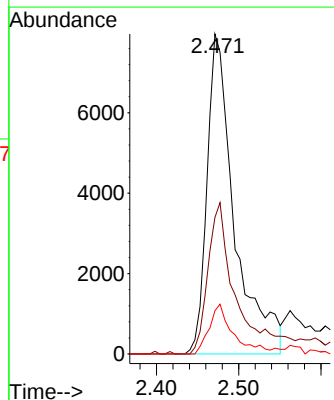
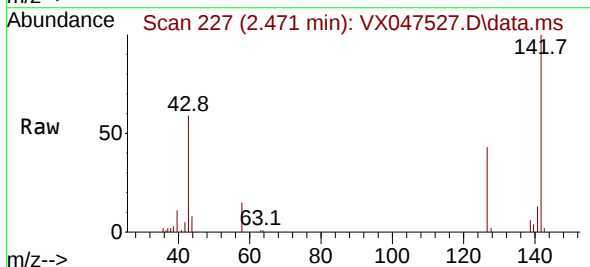


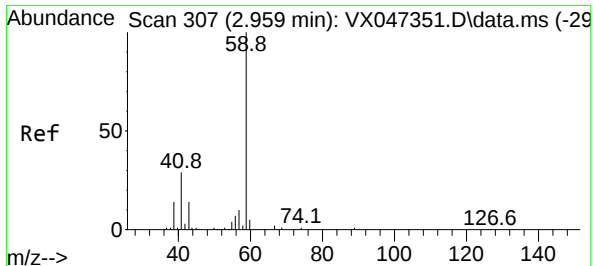
Tgt Ion: 94 Resp: 823
Ion Ratio Lower Upper
94 100
96 80.8 74.7 112.1



#10
Methyl Iodide
Concen: 4.807 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

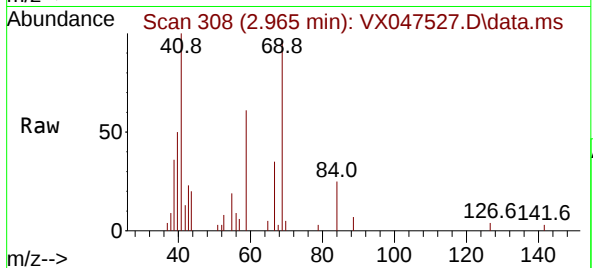
Tgt Ion: 142 Resp: 18537
Ion Ratio Lower Upper
142 100
127 48.8 36.1 54.1
141 13.5 11.1 16.7



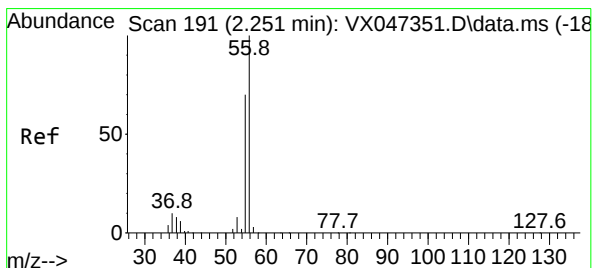
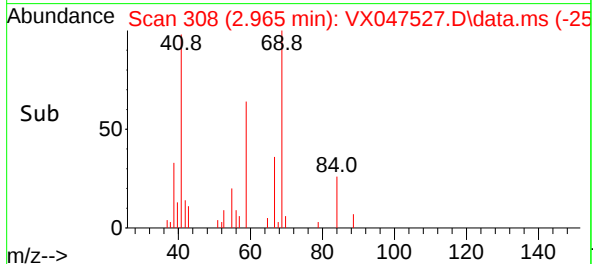
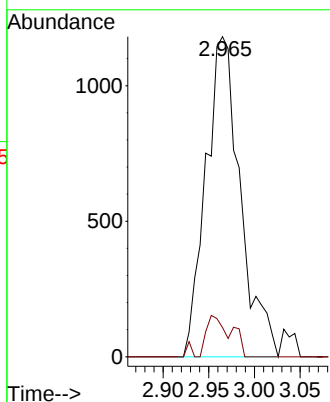


#11
Tert butyl alcohol
Concen: 13.971 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :

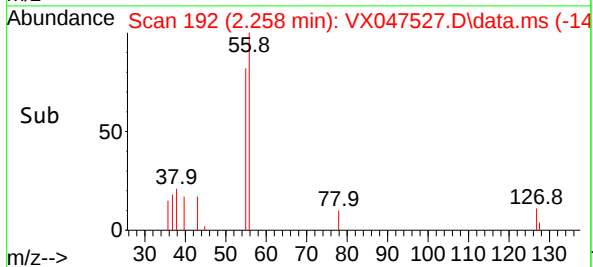
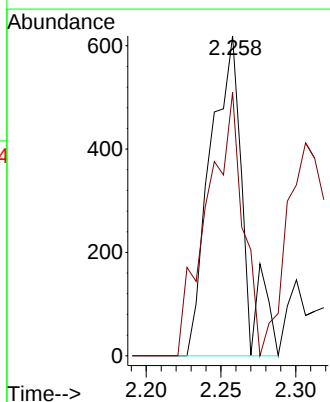
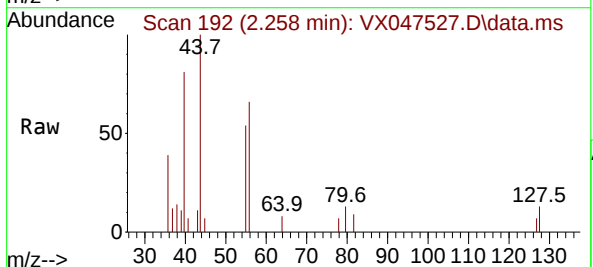


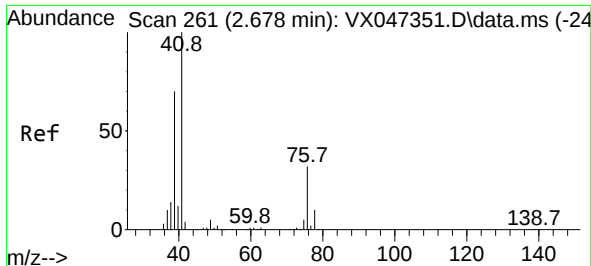
Tgt Ion: 59 Resp: 3099
Ion Ratio Lower Upper
59 100
57 9.1 8.3 12.5



#13
Acrolein
Concen: 2.052 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.006 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

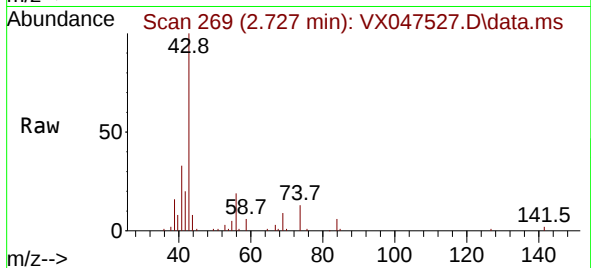
Tgt Ion: 56 Resp: 961
Ion Ratio Lower Upper
56 100
55 87.3 55.5 83.3#



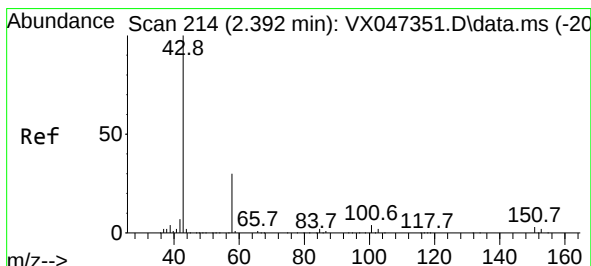
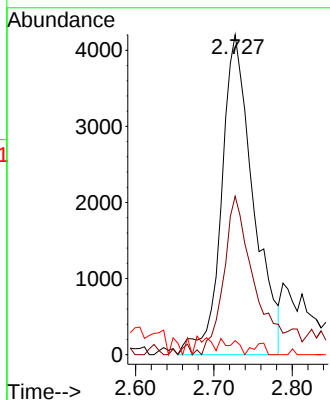
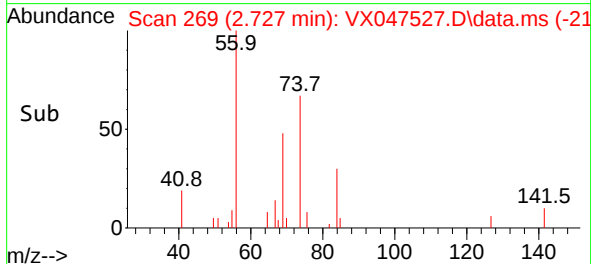


#14
 Allyl chloride
 Concen: 2.969 ug/l
 RT: 2.727 min Scan# 214
 Delta R.T. 0.049 min
 Lab File: VX047527.D
 Acq: 26 Aug 2025 11:58

Instrument :
 MSVOA_X
 ClientSampleId :

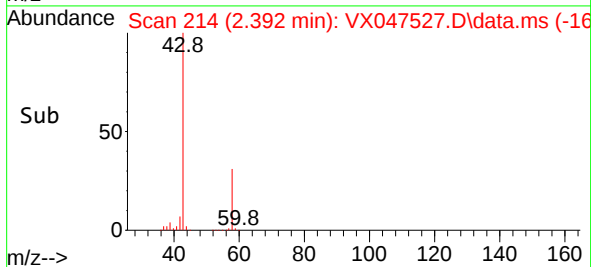
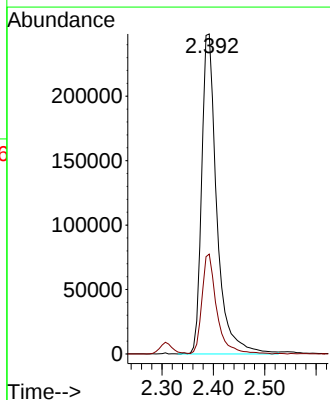
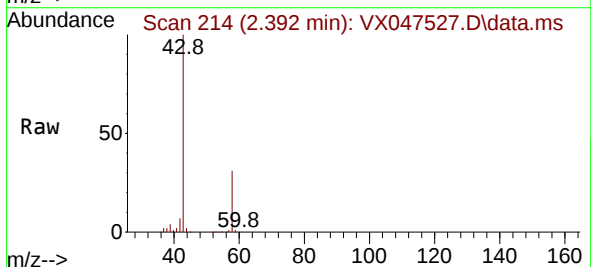


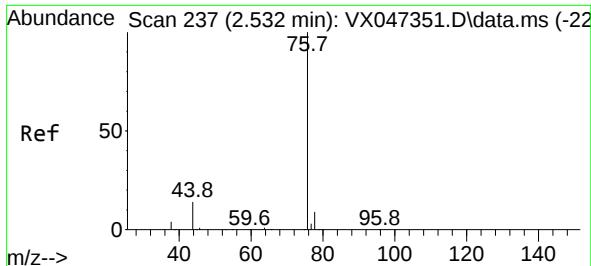
Tgt Ion: 41 Resp: 11829
 Ion Ratio Lower Upper
 41 100
 39 47.5 54.6 81.8#
 76 1.4 27.6 41.4#



#16
 Acetone
 Concen: 531.300 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VX047527.D
 Acq: 26 Aug 2025 11:58

Tgt Ion: 43 Resp: 509222
 Ion Ratio Lower Upper
 43 100
 58 31.1 24.8 37.2

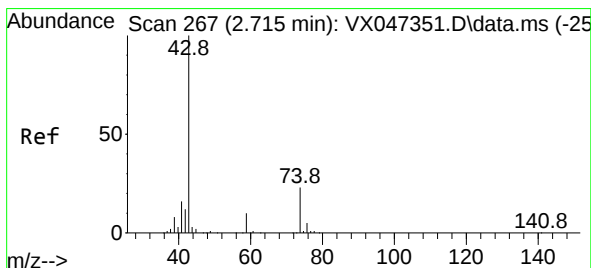
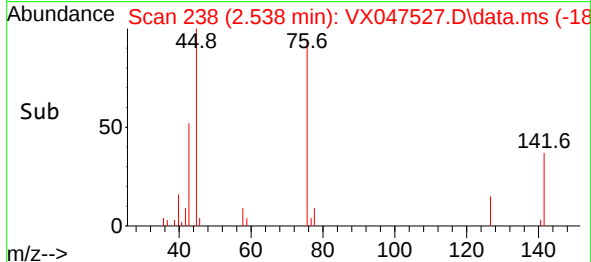
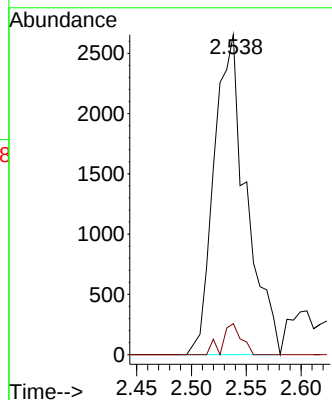
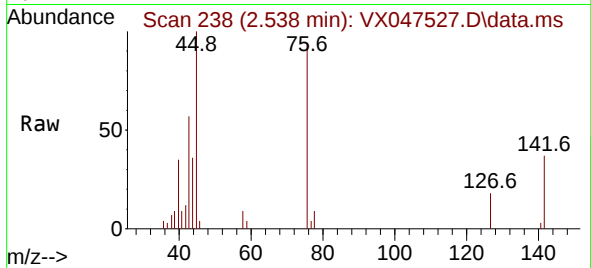




#17
Carbon Disulfide
Concen: 0.783 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047527.D
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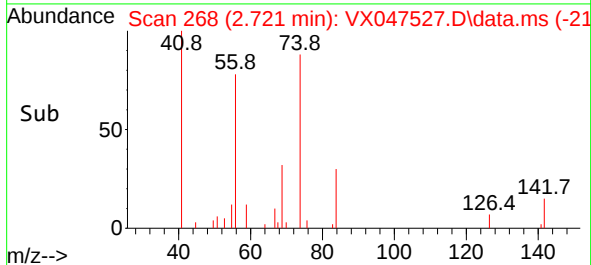
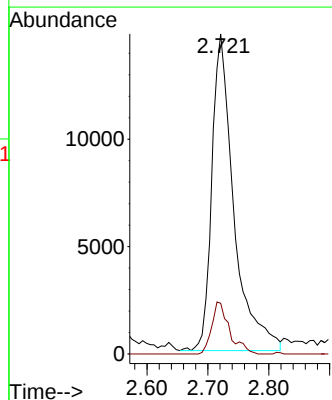
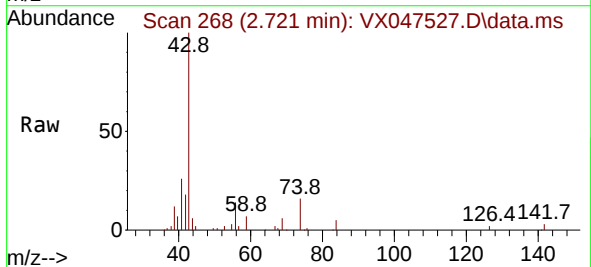
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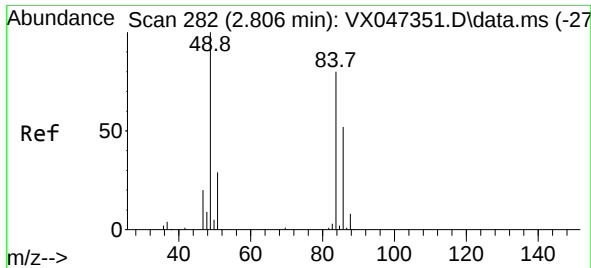
Tgt Ion: 76 Resp: 5420
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 14.894 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion: 43 Resp: 36992
Ion Ratio Lower Upper
43 100
74 13.3 18.4 27.6#

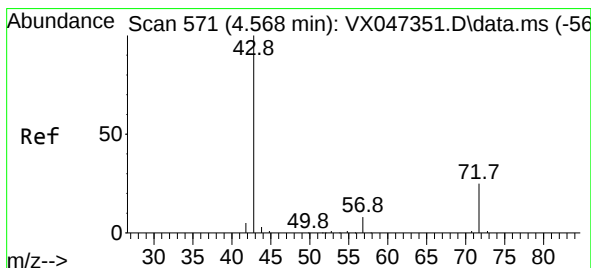
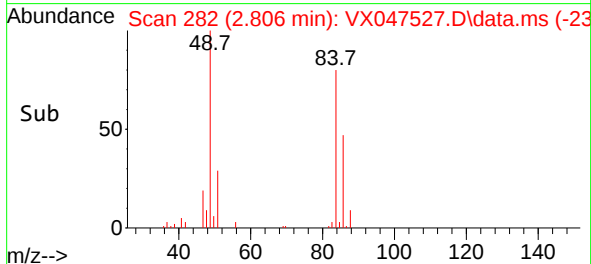
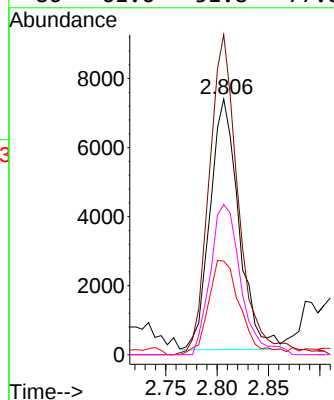
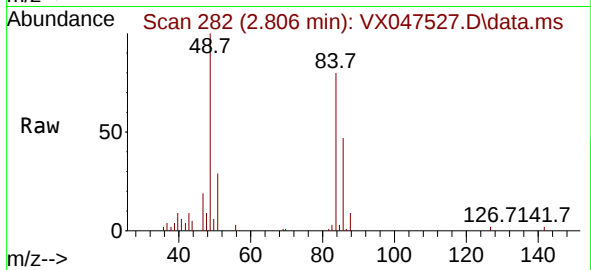




#20
Methylene Chloride
Concen: 5.582 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047527.D
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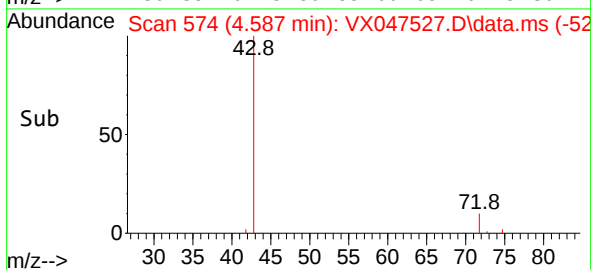
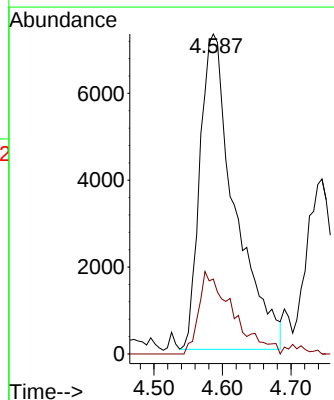
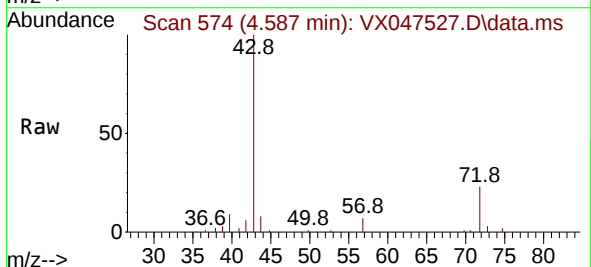
Instrument :
MSVOA_X
ClientSampleId :

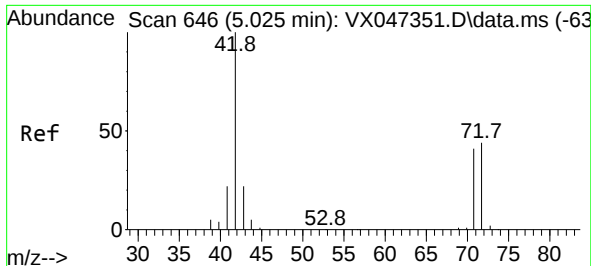
Tgt Ion:	84	Resp:	14168
Ion	Ratio	Lower	Upper
84	100		
49	127.1	100.1	150.1
51	37.4	29.5	44.3
86	61.6	51.8	77.8



#25
2-Butanone
Concen: 20.485 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

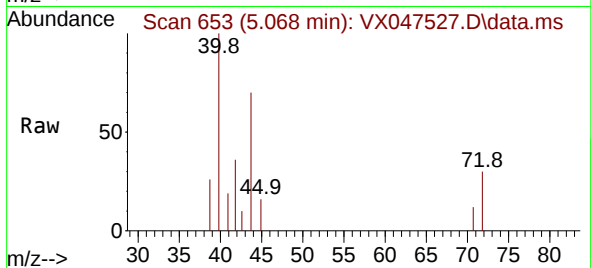
Tgt Ion:	43	Resp:	25714
Ion	Ratio	Lower	Upper
43	100		
72	22.0	19.8	29.8



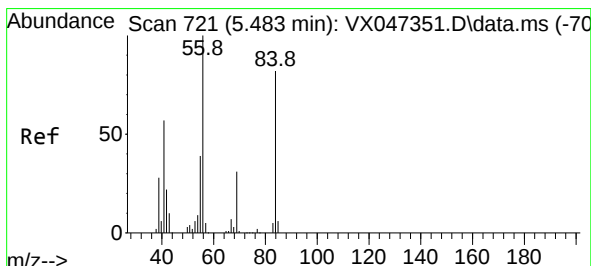
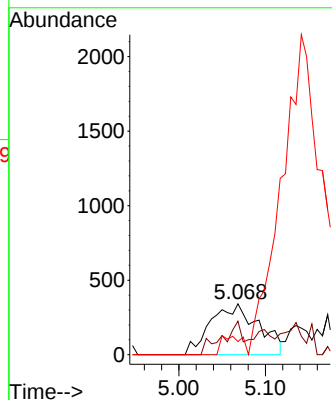
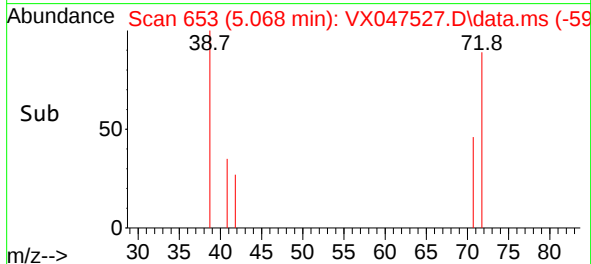


#29
Tetrahydrofuran
Concen: 1.616 ug/l
RT: 5.068 min Scan# 611
Delta R.T. 0.043 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :

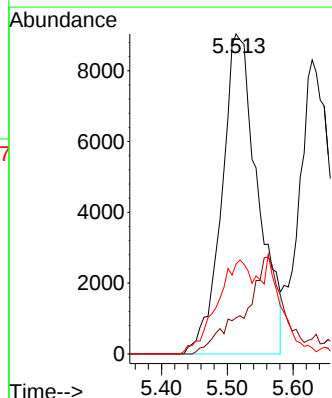
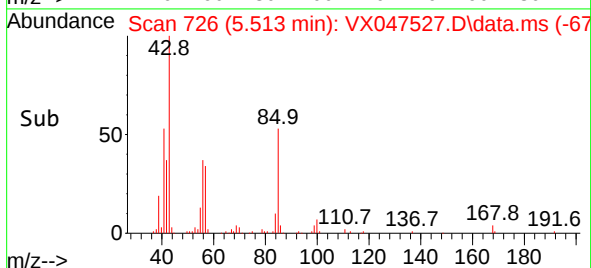
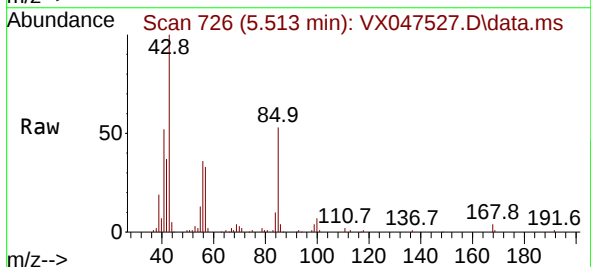


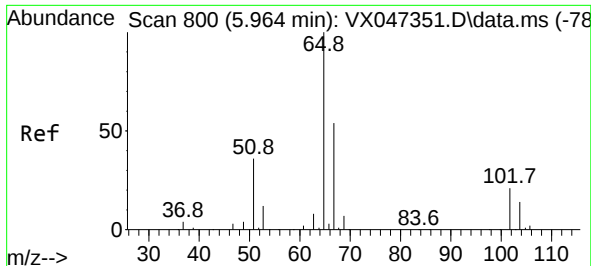
Tgt Ion: 42 Resp: 1311
Ion Ratio Lower Upper
42 100
72 29.5 34.6 51.8#
71 0.0 32.6 49.0#



#31
Cyclohexane
Concen: 8.385 ug/l
RT: 5.513 min Scan# 726
Delta R.T. 0.031 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion: 56 Resp: 34410
Ion Ratio Lower Upper
56 100
69 11.3 24.3 36.5#
84 28.1 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 57.871 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

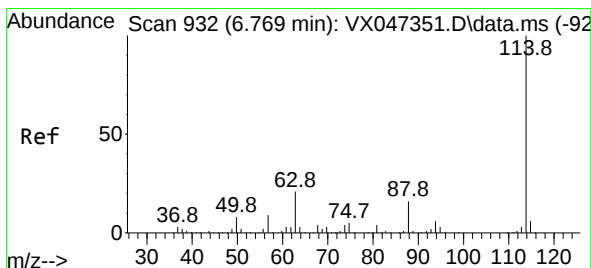
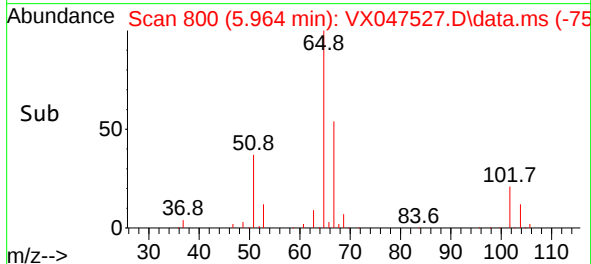
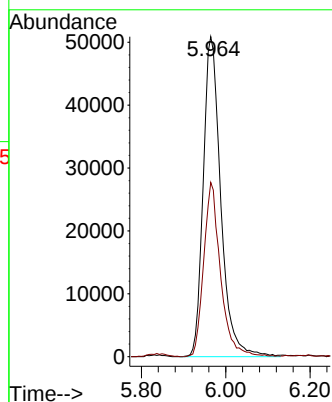
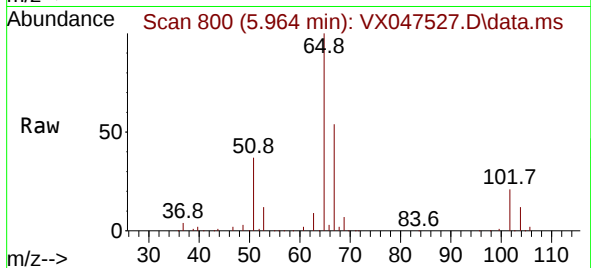
ClientSampleId :

Tgt Ion: 65 Resp: 147564

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

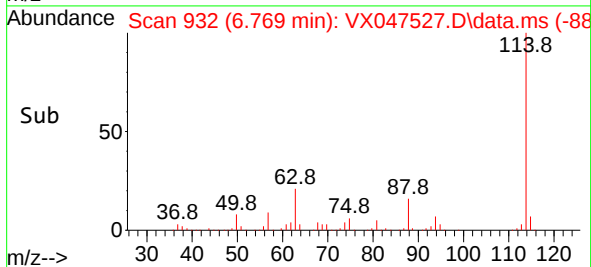
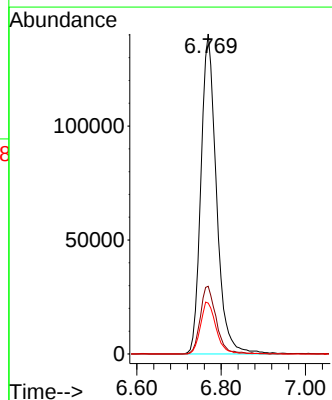
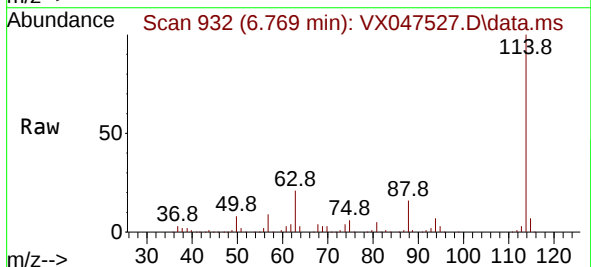
Tgt Ion: 114 Resp: 359856

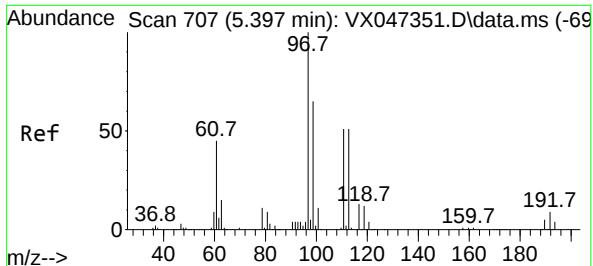
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

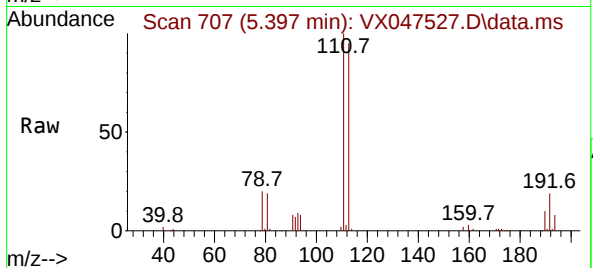
88 15.9 0.0 33.0



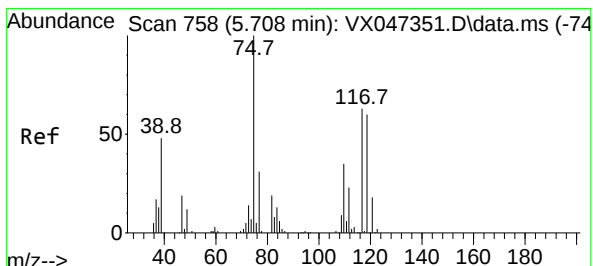
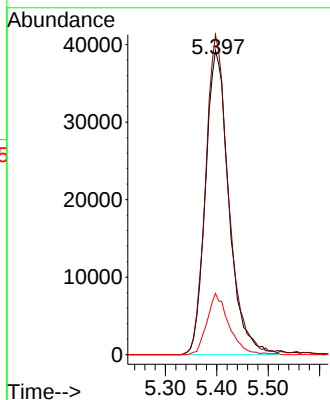
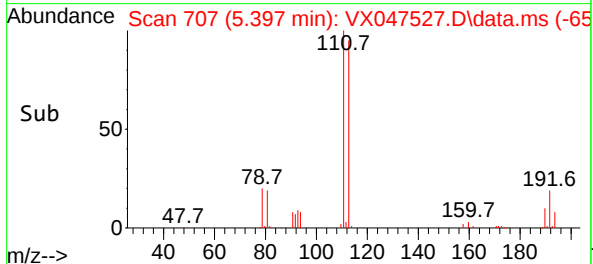


#35
Dibromofluoromethane
Concen: 53.269 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :

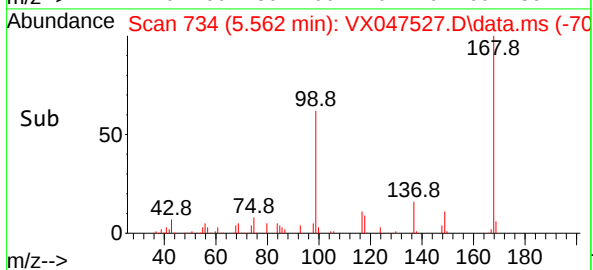
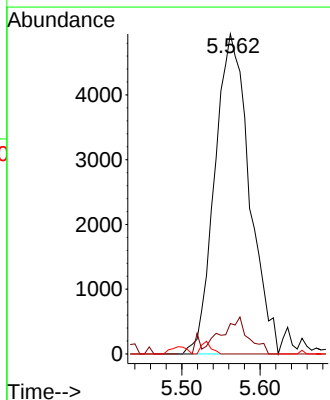
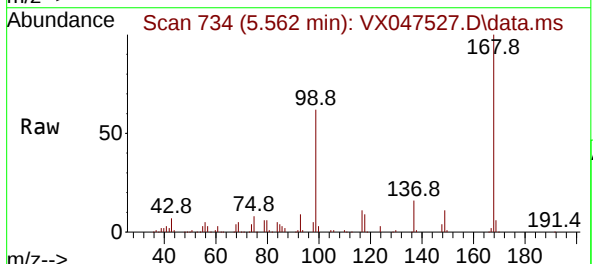


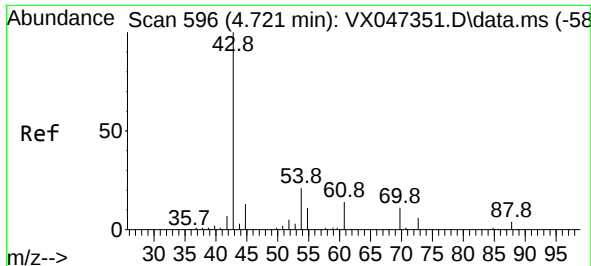
Tgt Ion:113 Resp: 124409
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.2
192 18.9 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.118 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.146 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion: 75 Resp: 15182
Ion Ratio Lower Upper
75 100
110 9.1 17.4 52.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.675 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.025 min

Lab File: VX047527.D

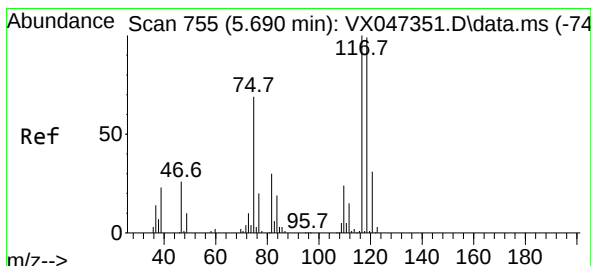
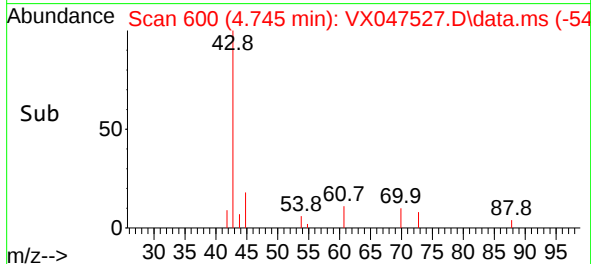
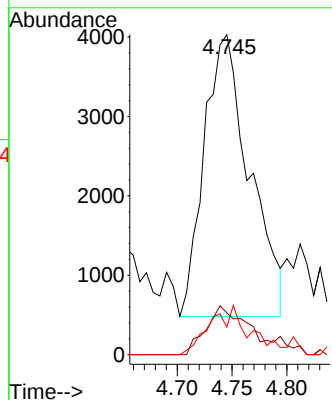
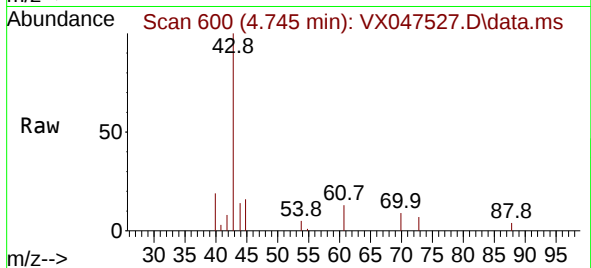
Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	43	Resp:	10238
Ion	Ratio	Lower	Upper
43	100		
61	16.2	9.4	14.2#
70	7.4	7.0	10.6



#38

Carbon Tetrachloride

Concen: 4.970 ug/l

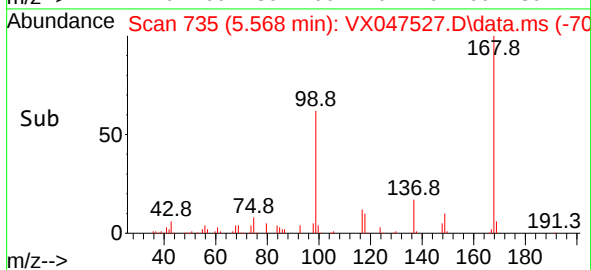
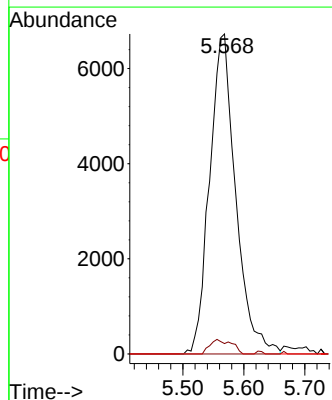
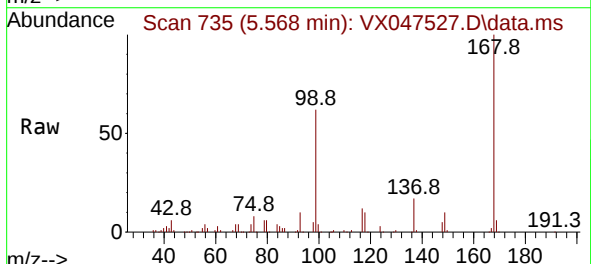
RT: 5.568 min Scan# 735

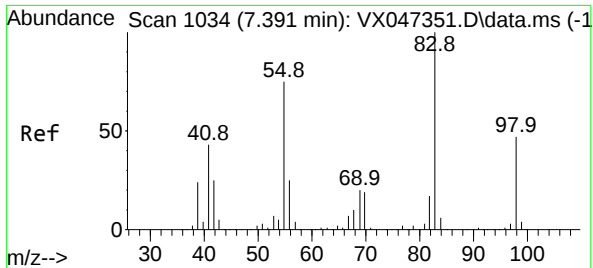
Delta R.T. -0.122 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Tgt Ion:	117	Resp:	20022
Ion	Ratio	Lower	Upper
117	100		
119	3.3	78.5	117.7#
121	0.0	24.7	37.1#





#39

Methylcyclohexane

Concen: 3.039 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

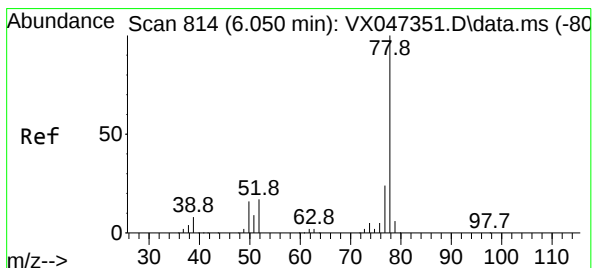
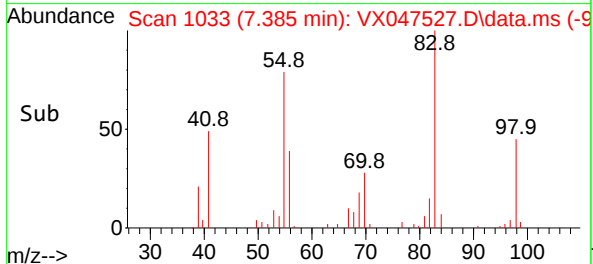
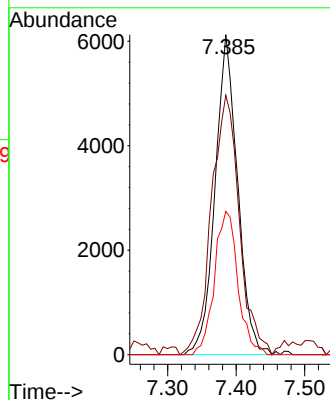
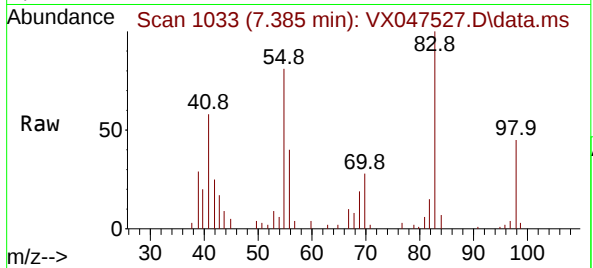
Tgt Ion: 83 Resp: 13977

Ion Ratio Lower Upper

83 100

55 81.1 60.0 90.0

98 47.6 37.2 55.8



#40

Benzene

Concen: 0.464 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.000 min

Lab File: VX047527.D

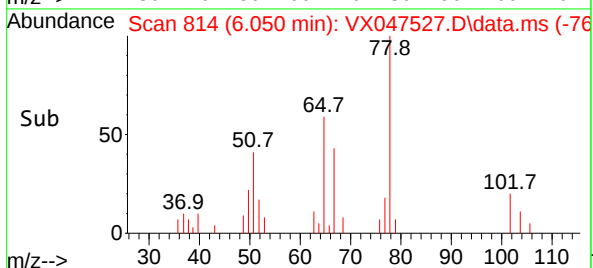
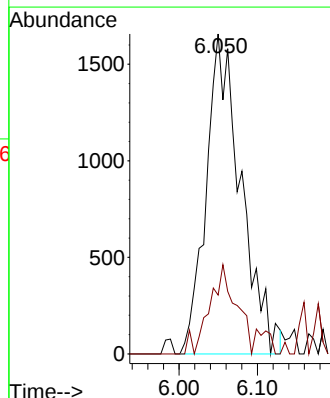
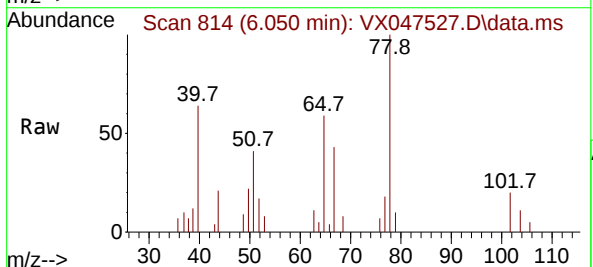
Acq: 26 Aug 2025 11:58

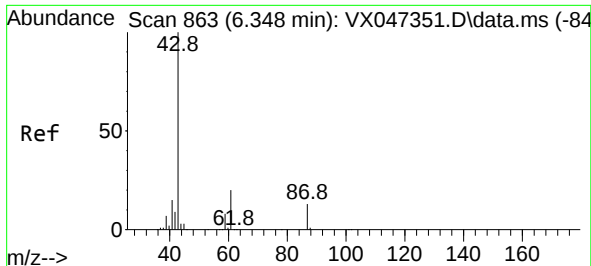
Tgt Ion: 78 Resp: 5120

Ion Ratio Lower Upper

78 100

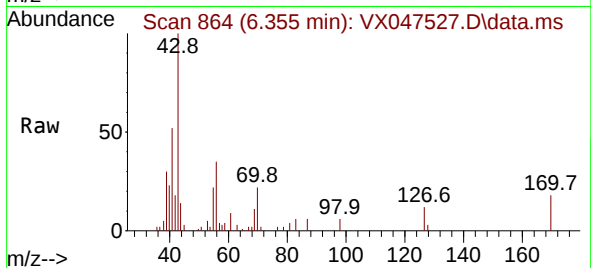
77 18.4 19.0 28.4#



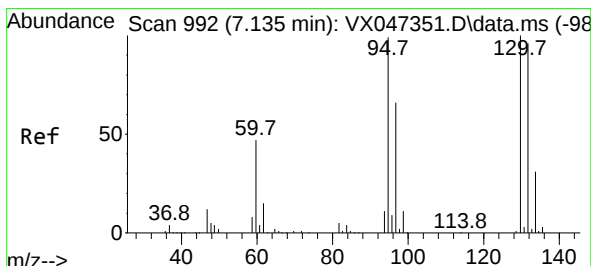
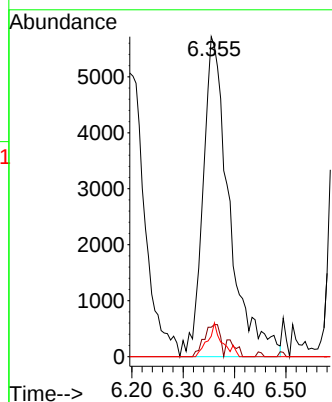
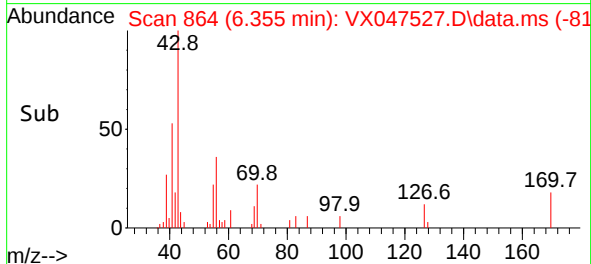


#43
Isopropyl Acetate
Concen: 3.682 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :

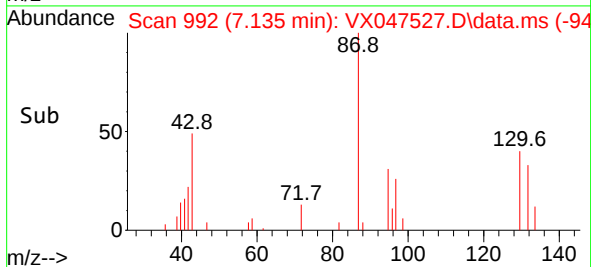
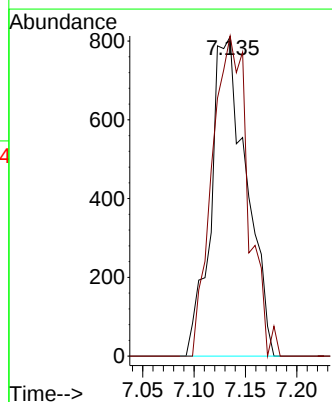
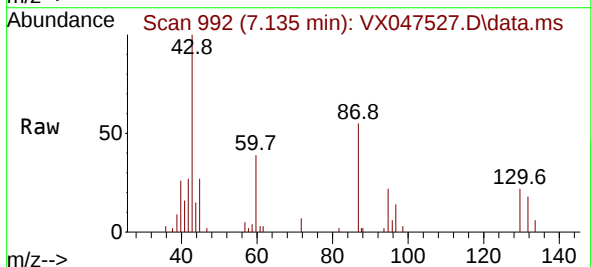


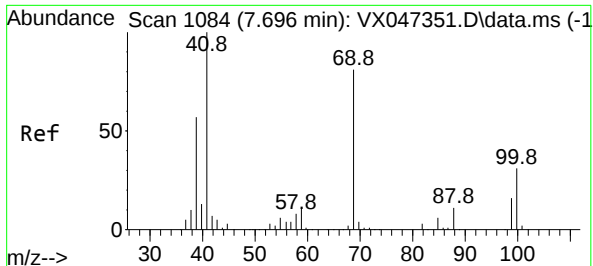
Tgt Ion: 43 Resp: 20245
Ion Ratio Lower Upper
43 100
61 6.1 15.4 23.0#
87 5.8 10.2 15.4#



#44
Trichloroethene
Concen: 0.688 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion: 130 Resp: 1943
Ion Ratio Lower Upper
130 100
95 100.2 0.0 198.6





#48

Methyl methacrylate

Concen: 2.798 ug/l

RT: 7.708 min Scan# 1100

Delta R.T. 0.012 min

Lab File: VX047527.D

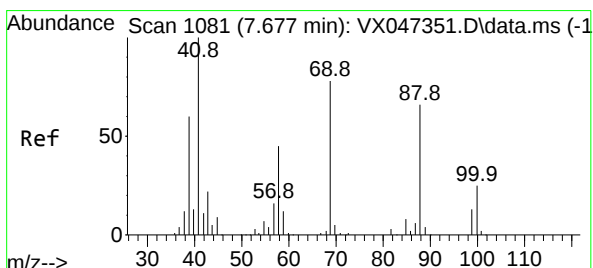
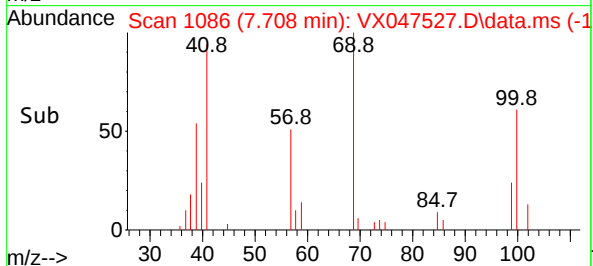
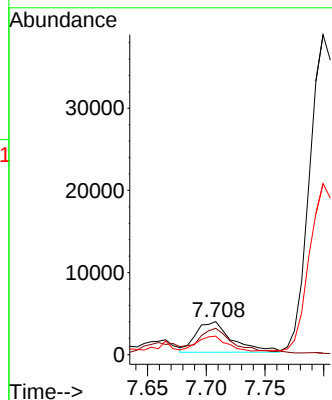
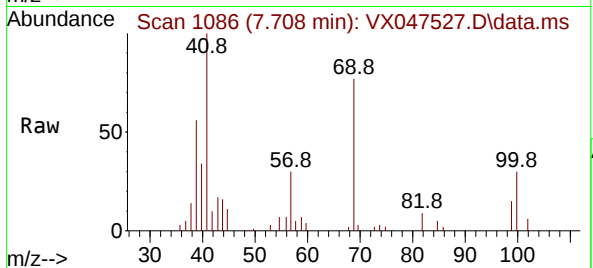
Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	7985
Ion	Ratio	Lower	Upper
41	100		
69	80.1	65.0	97.4
39	44.6	45.7	68.5#



#49

1,4-Dioxane

Concen: 2.883 ug/l

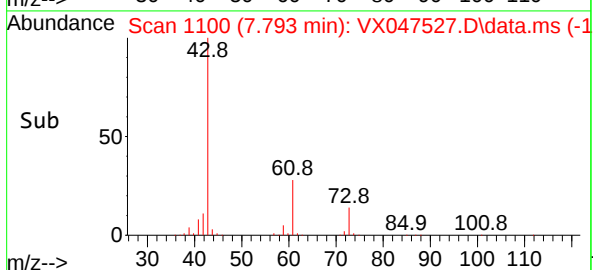
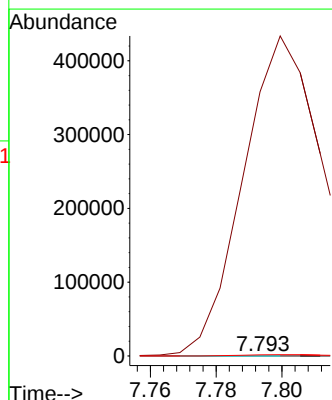
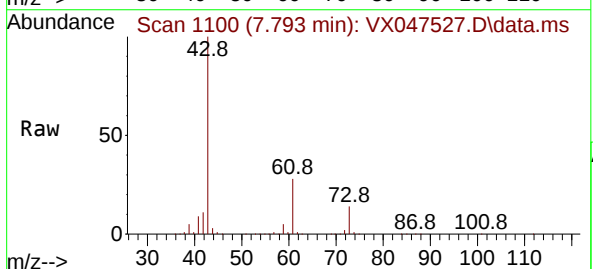
RT: 7.793 min Scan# 1100

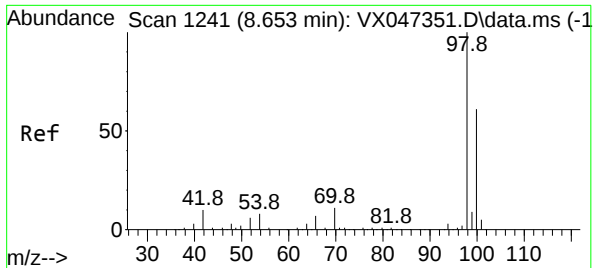
Delta R.T. 0.116 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Tgt Ion:	88	Resp:	80
Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.4	48.6#
58	0.0	56.9	85.3#

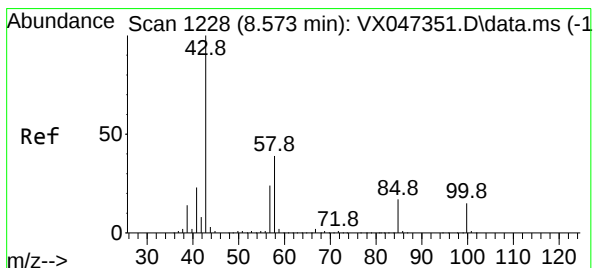
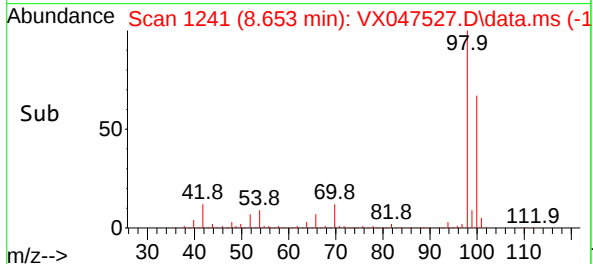
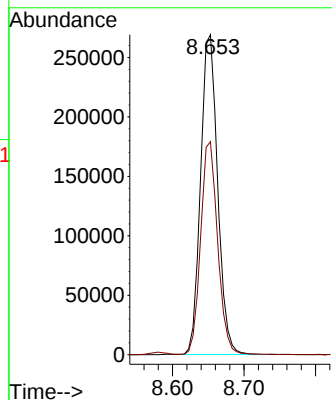
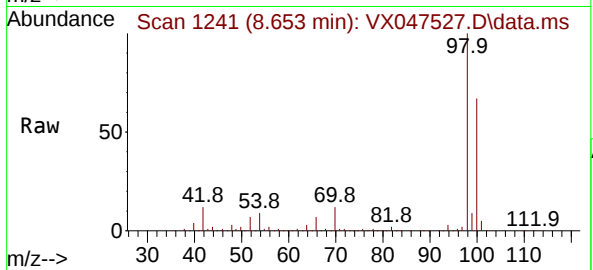




#50
Toluene-d8
Concen: 53.395 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

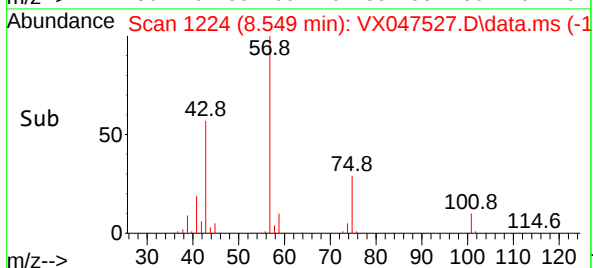
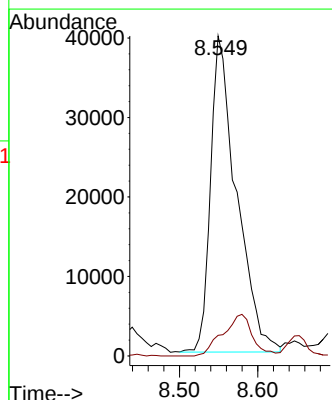
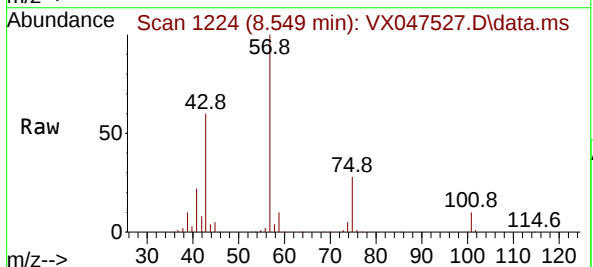
Instrument :
MSVOA_X
ClientSampleId :

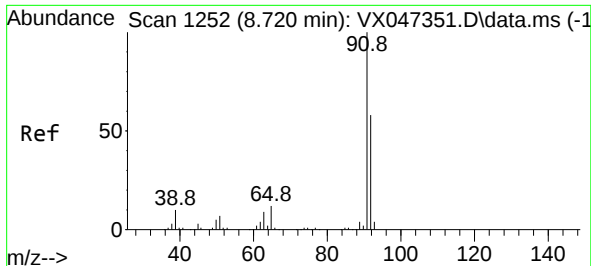
Tgt Ion: 98 Resp: 445727
Ion Ratio Lower Upper
98 100
100 66.2 53.9 80.9



#51
4-Methyl-2-Pentanone
Concen: 28.885 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion: 43 Resp: 91397
Ion Ratio Lower Upper
43 100
58 0.0 31.2 46.8#

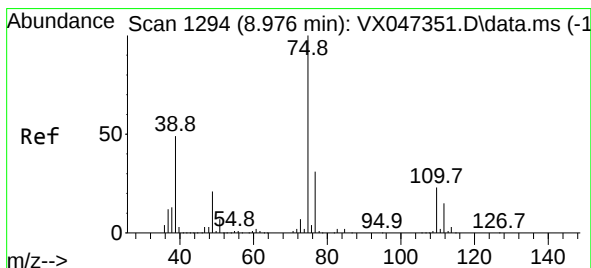
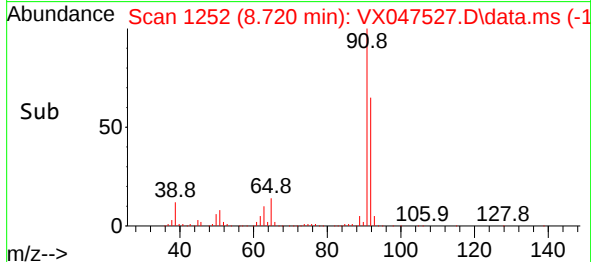
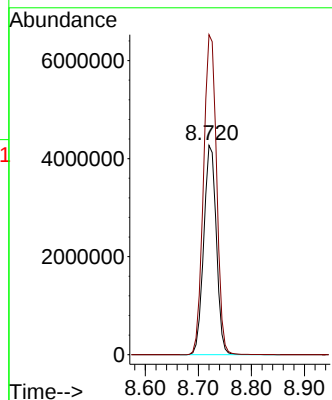
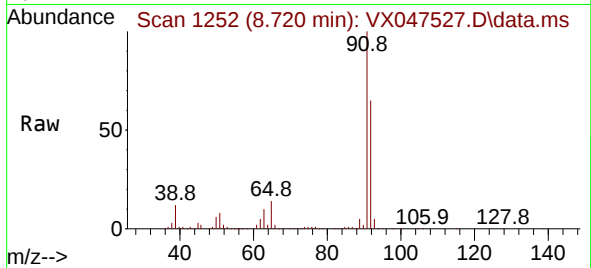




#52
Toluene
Concen: 1030.726 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

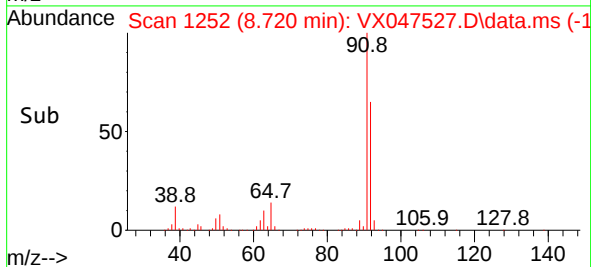
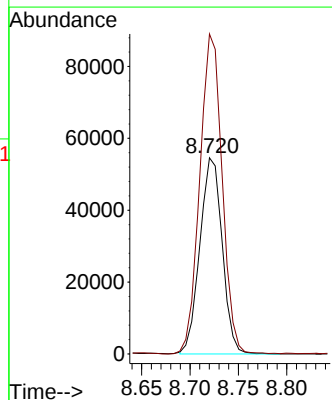
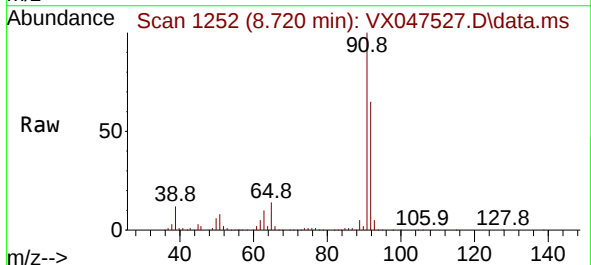
Instrument :
MSVOA_X
ClientSampleId :

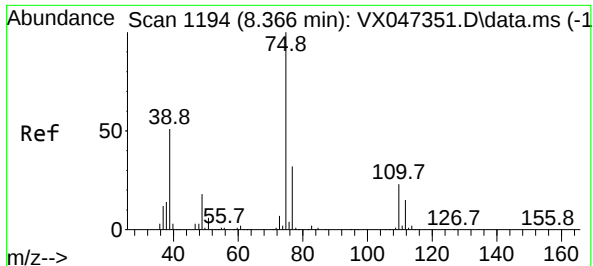
Tgt Ion: 92 Resp: 7028423
Ion Ratio Lower Upper
92 100
91 158.9 136.3 204.5



#53
t-1,3-Dichloropropene
Concen: 24.205 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion: 75 Resp: 87898
Ion Ratio Lower Upper
75 100
77 163.0 24.7 37.1#

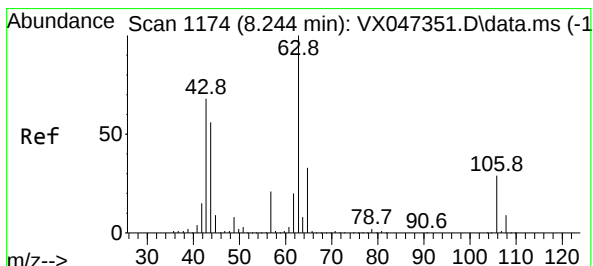
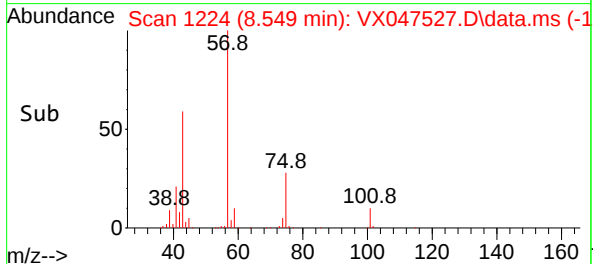
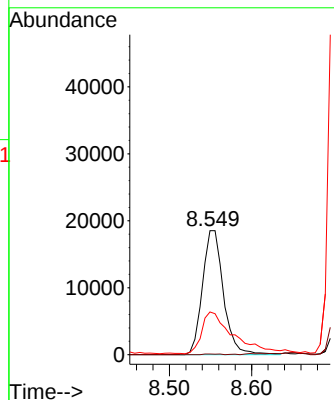
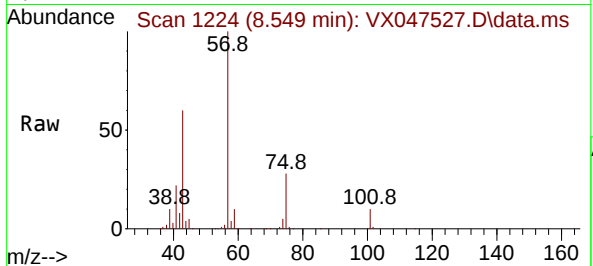




#54
 cis-1,3-Dichloropropene
 Concen: 8.008 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX047527.D
 Acq: 26 Aug 2025 11:58

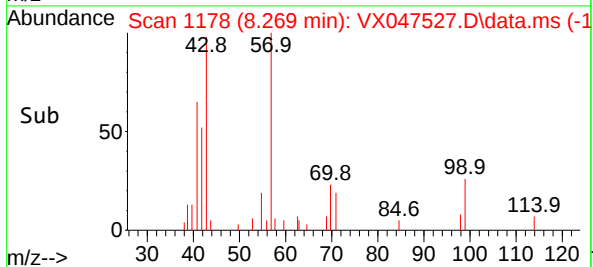
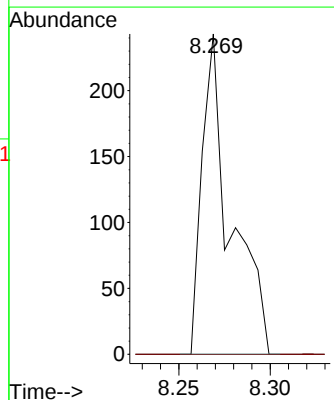
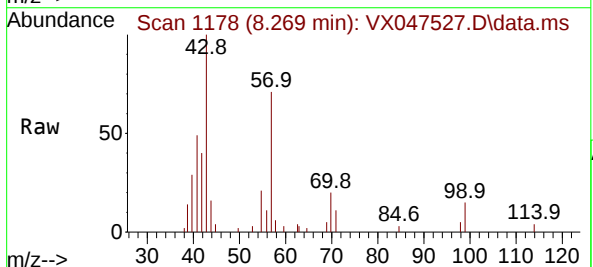
Instrument :
 MSVOA_X
 ClientSampleId :

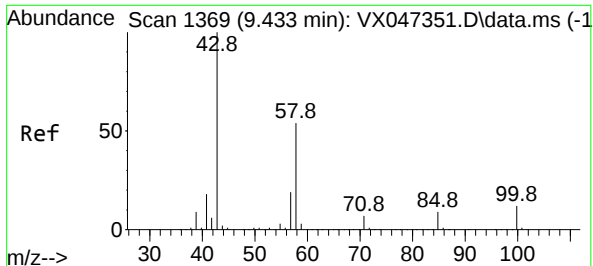
Tgt Ion: 75 Resp: 32916
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.6 38.4#
 39 33.4 40.9 61.3#



#58
 2-Chloroethyl Vinyl ether
 Concen: 8.495 ug/l
 RT: 8.269 min Scan# 1178
 Delta R.T. 0.025 min
 Lab File: VX047527.D
 Acq: 26 Aug 2025 11:58

Tgt Ion: 63 Resp: 263
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.8 34.2#

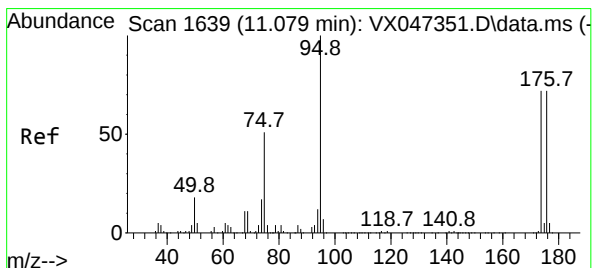
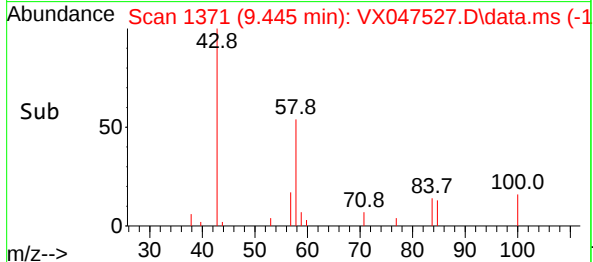
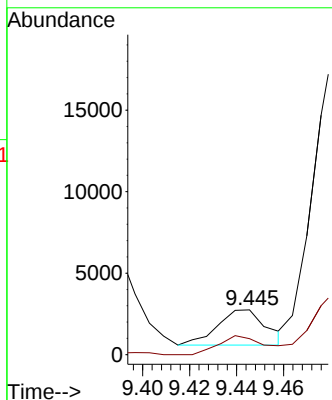
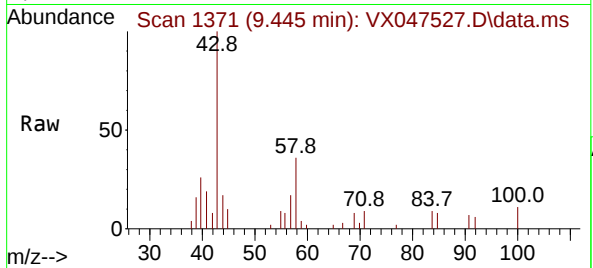




#59
2-Hexanone
Concen: 1.420 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

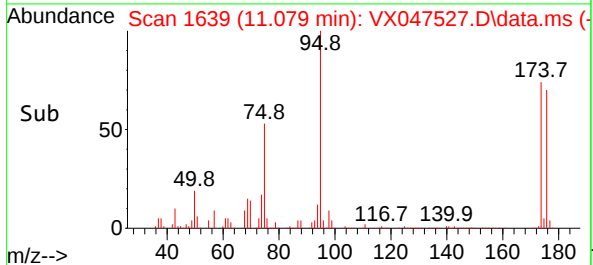
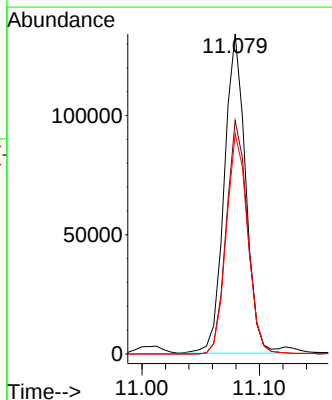
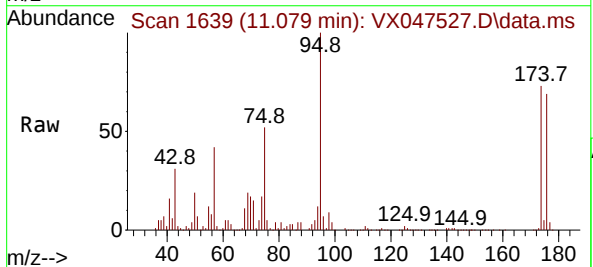
Instrument :
MSVOA_X
ClientSampleId :

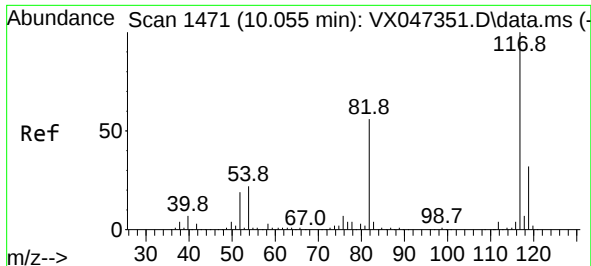
Tgt Ion: 43 Resp: 3109
Ion Ratio Lower Upper
43 100
58 50.5 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 54.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

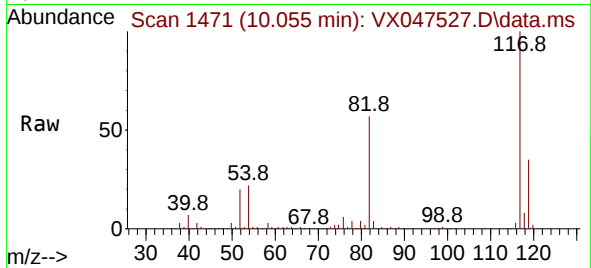
Tgt Ion: 95 Resp: 169388
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.0
176 69.6 0.0 145.4



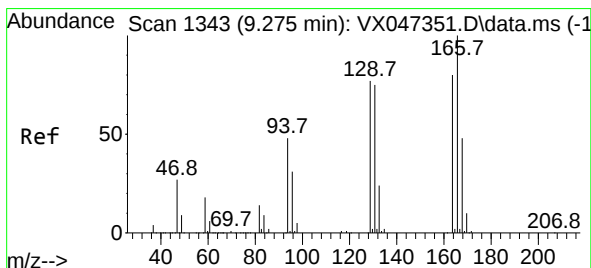
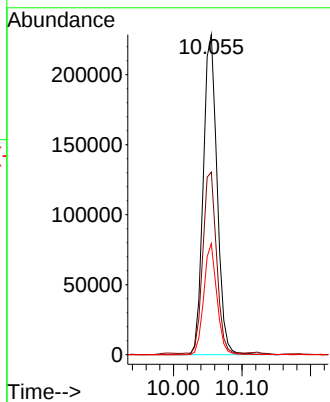
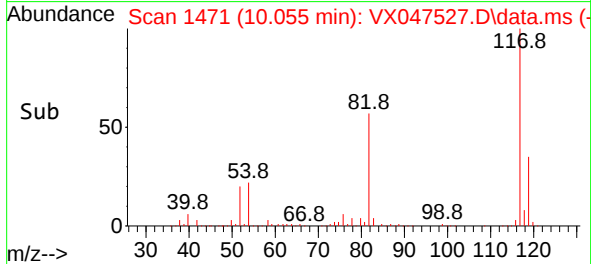


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :

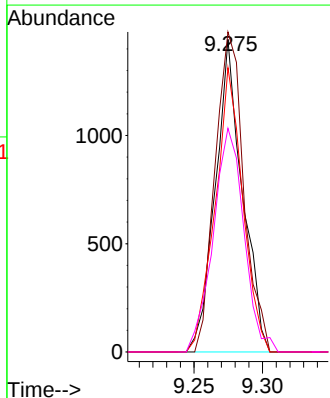
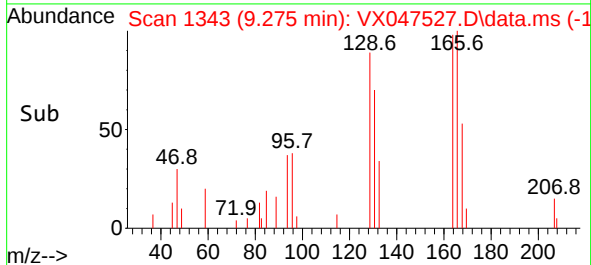
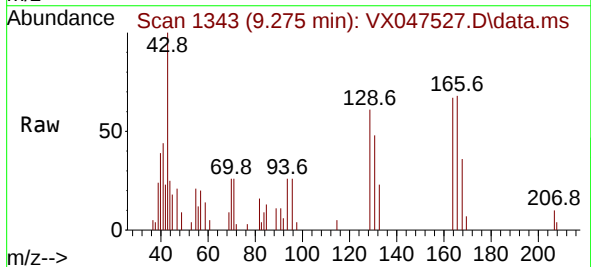


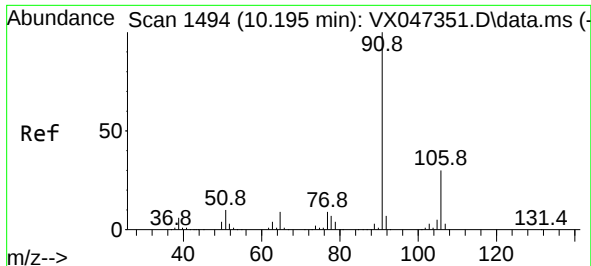
Tgt Ion:117 Resp: 321605
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 34.7 25.8 38.8



#64
Tetrachloroethene
Concen: 0.852 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion:164 Resp: 1982
Ion Ratio Lower Upper
164 100
166 102.4 100.3 150.5
129 90.9 77.7 116.5
131 71.5 74.8 112.2#





#67

Ethyl Benzene

Concen: 13.600 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

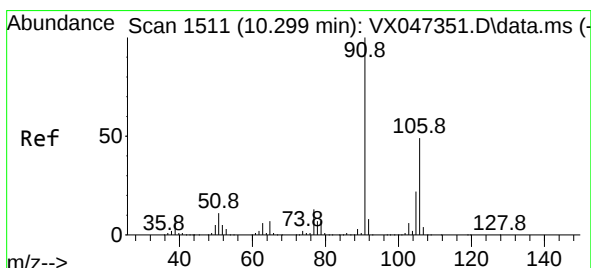
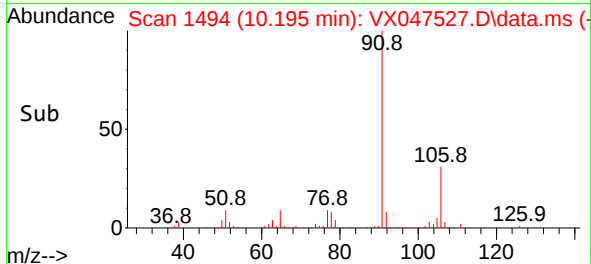
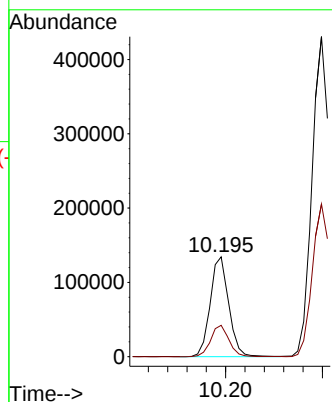
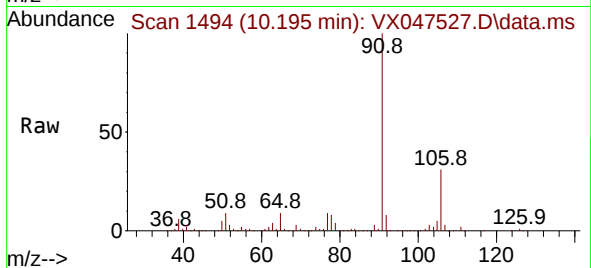
ClientSampleId :

Tgt Ion: 91 Resp: 178896

Ion Ratio Lower Upper

91 100

106 31.4 24.4 36.6



#68

m/p-Xylenes

Concen: 55.550 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047527.D

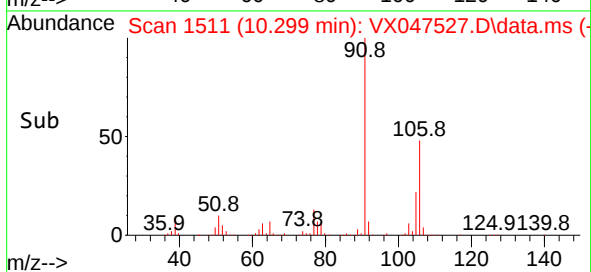
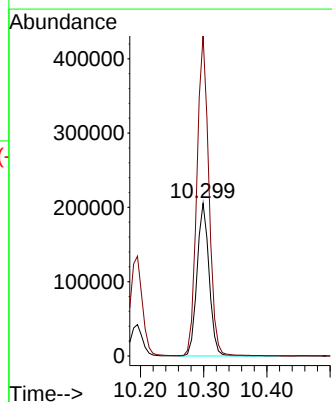
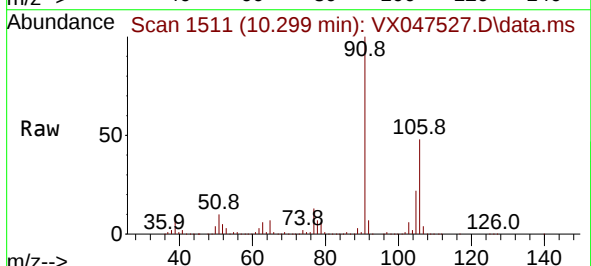
Acq: 26 Aug 2025 11:58

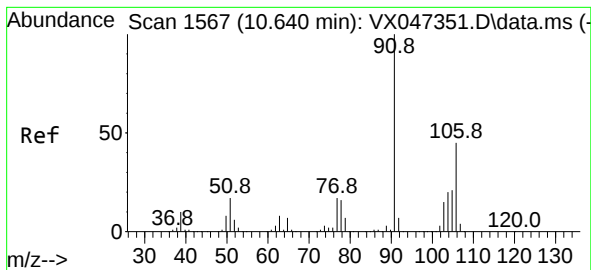
Tgt Ion:106 Resp: 272462

Ion Ratio Lower Upper

106 100

91 209.5 164.7 247.1

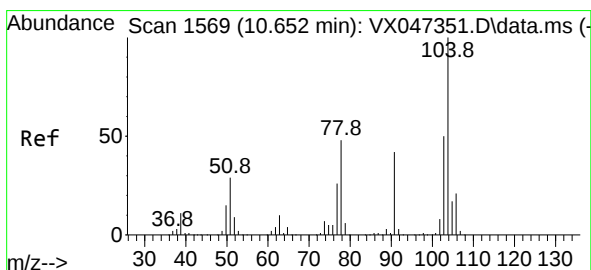
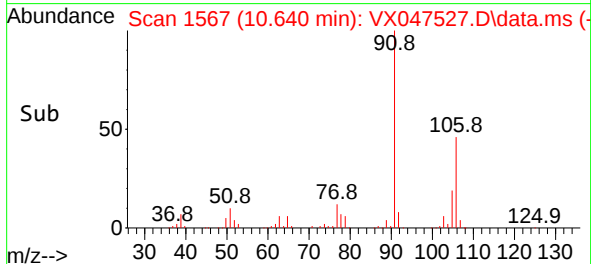
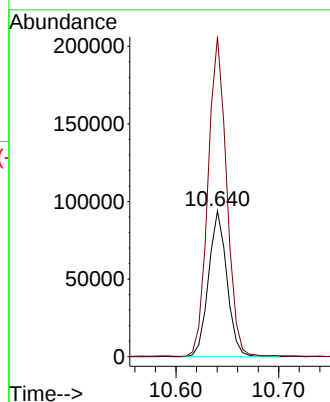
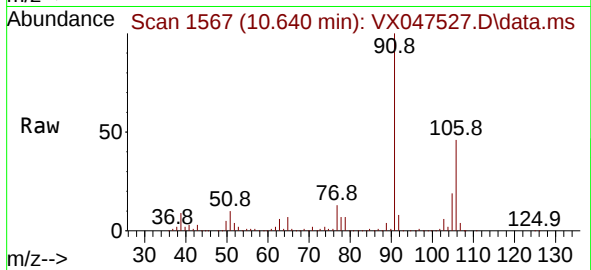




#69
o-Xylene
Concen: 24.707 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

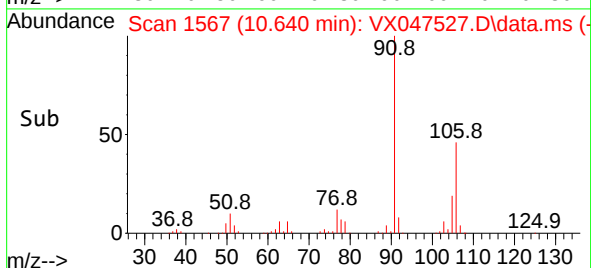
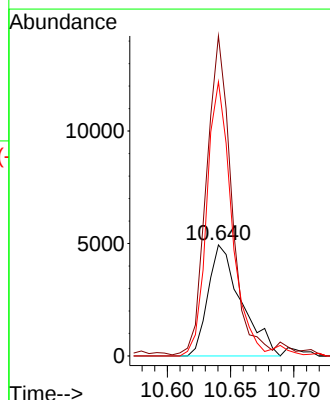
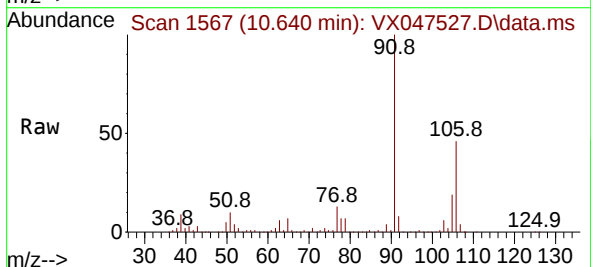
Instrument :
MSVOA_X
ClientSampleId :

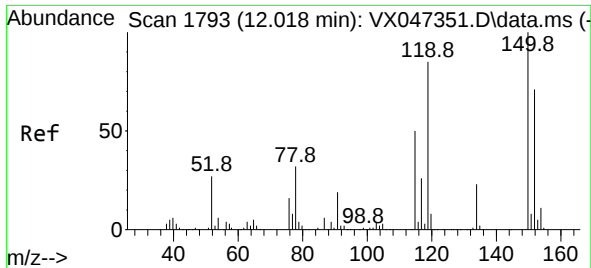
Tgt Ion:106 Resp: 116621
Ion Ratio Lower Upper
106 100
91 222.0 110.6 331.8



#70
Styrene
Concen: 1.126 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.012 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion:104 Resp: 8981
Ion Ratio Lower Upper
104 100
78 215.7 41.8 62.8#
103 187.2 43.6 65.4#

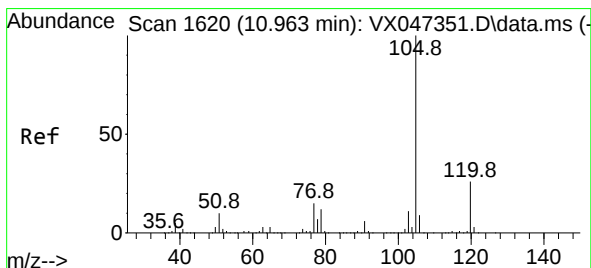
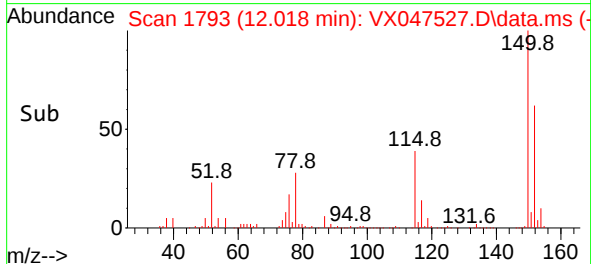
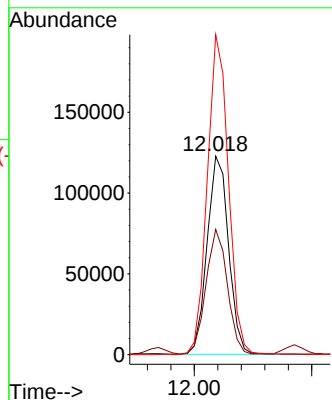
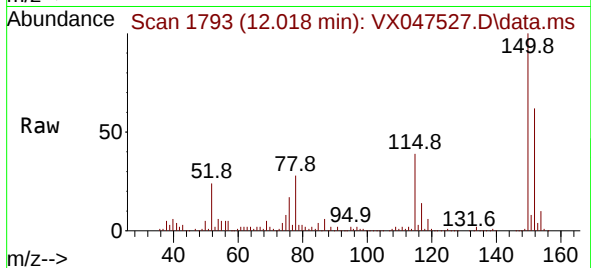




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

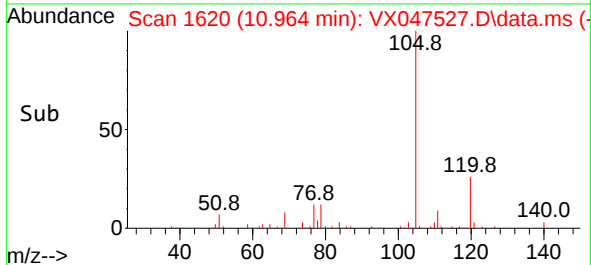
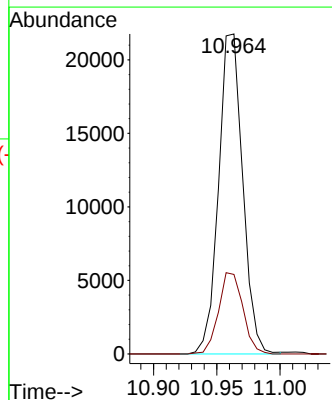
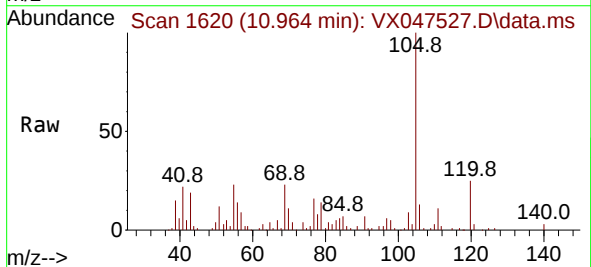
Instrument :
MSVOA_X
ClientSampleId :

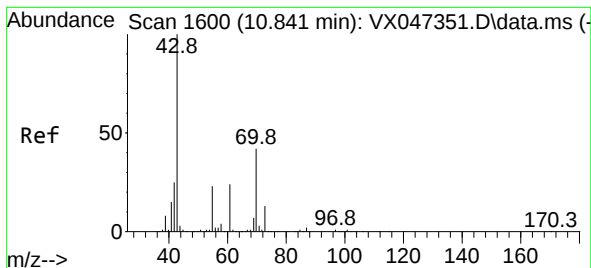
Tgt Ion:152 Resp: 155364
Ion Ratio Lower Upper
152 100
115 63.2 44.6 133.8
150 158.9 0.0 349.8



#73
Isopropylbenzene
Concen: 2.372 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion:105 Resp: 28838
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6





#74

N-amy1 acetate

Concen: 6.663 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.012 min

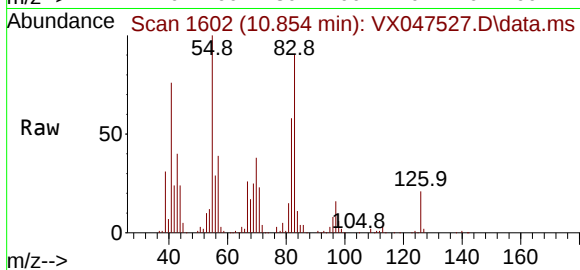
Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 30760

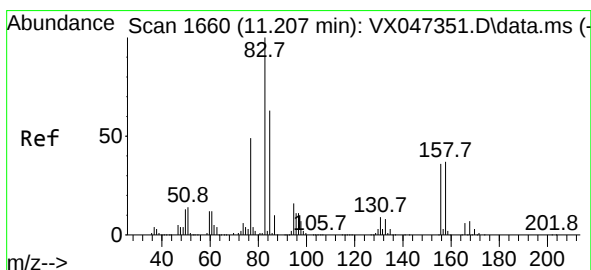
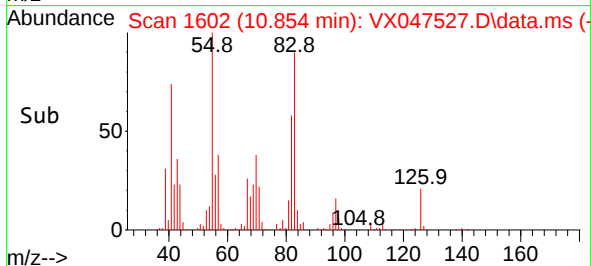
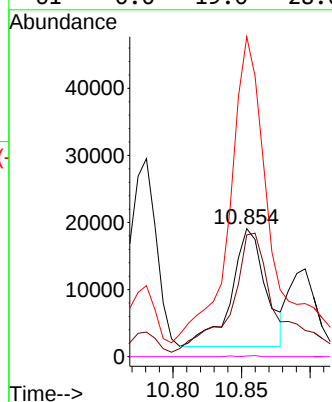
Ion Ratio Lower Upper

43 100

70 130.4 33.1 49.7#

55 296.2 19.0 28.6#

61 0.0 19.0 28.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 3.967 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

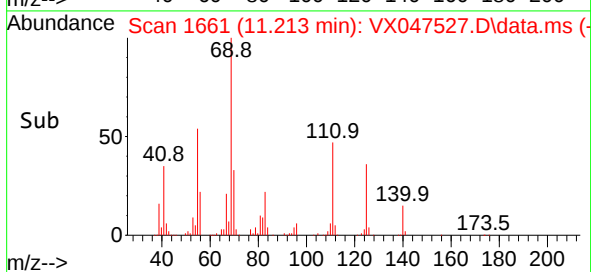
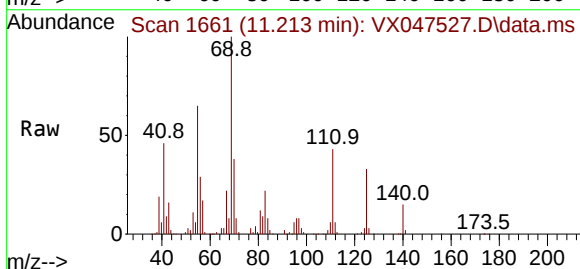
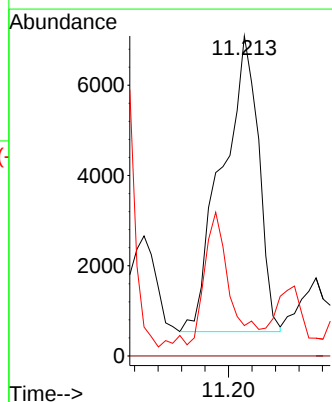
Tgt Ion: 83 Resp: 14161

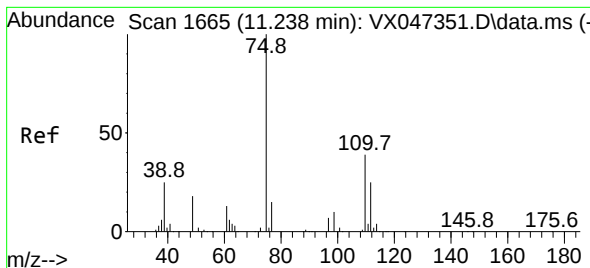
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.7 95.1#





#76

1,2,3-Trichloropropane

Concen: 1.156 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

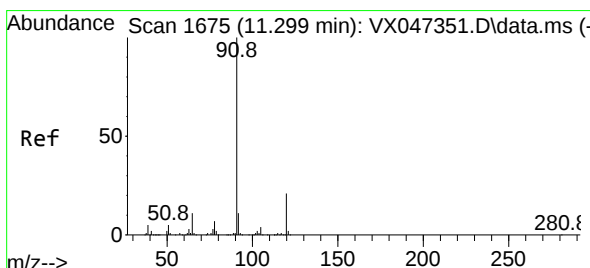
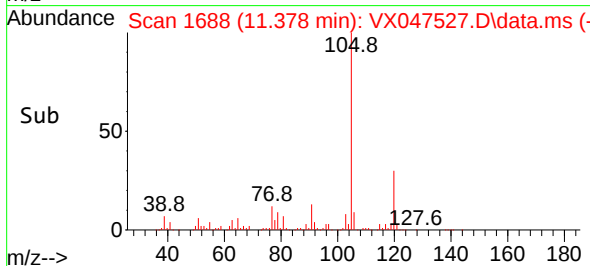
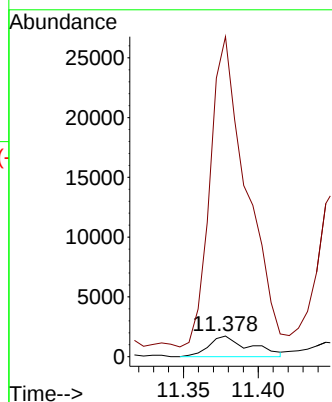
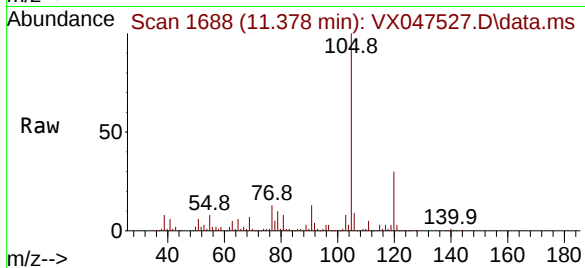
ClientSampleId :

Tgt Ion: 75 Resp: 3294

Ion Ratio Lower Upper

75 100

77 1406.7 19.4 58.2#



#78

n-propylbenzene

Concen: 6.781 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX047527.D

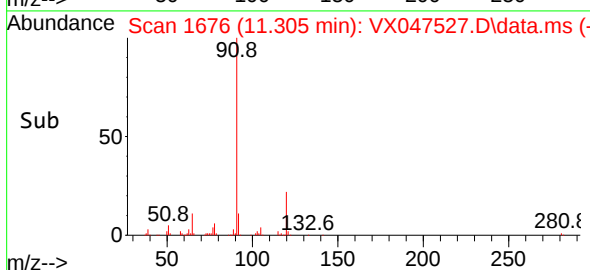
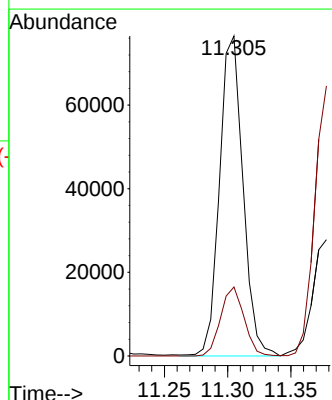
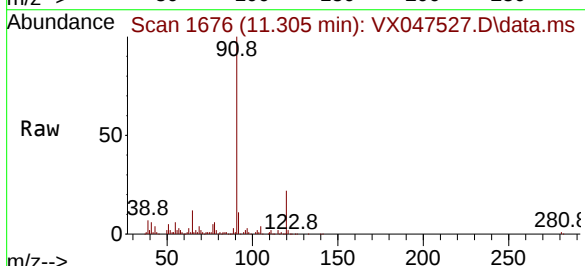
Acq: 26 Aug 2025 11:58

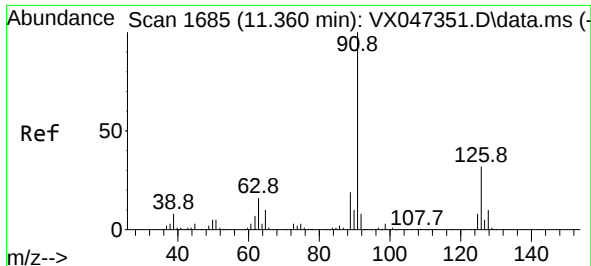
Tgt Ion: 91 Resp: 98460

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

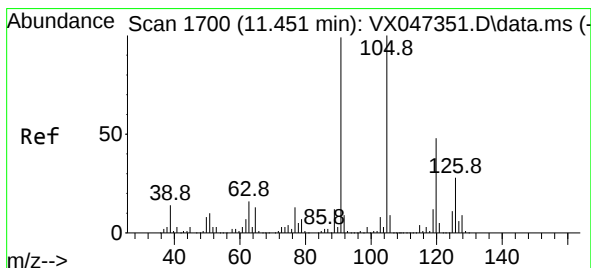
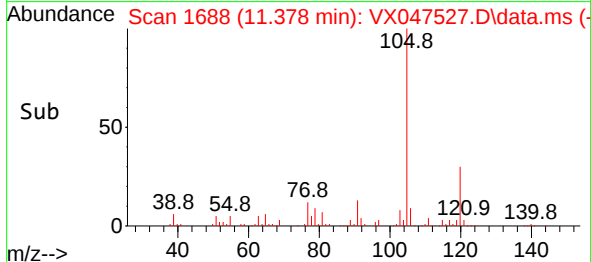
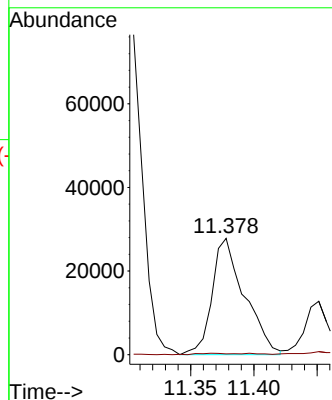
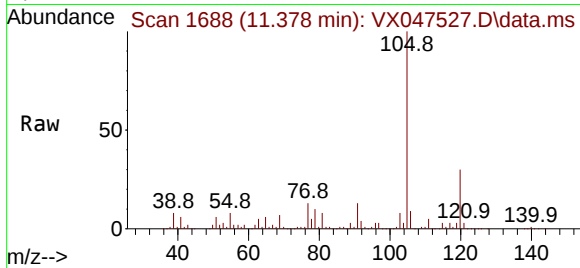




#79
2-Chlorotoluene
Concen: 5.666 ug/l
RT: 11.378 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

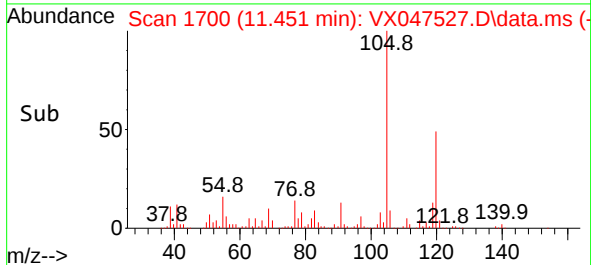
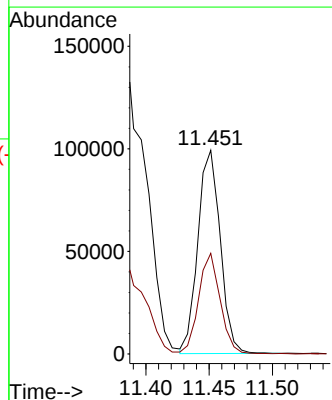
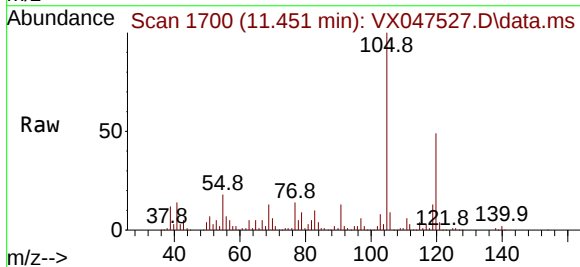
Instrument :
MSVOA_X
ClientSampleId :

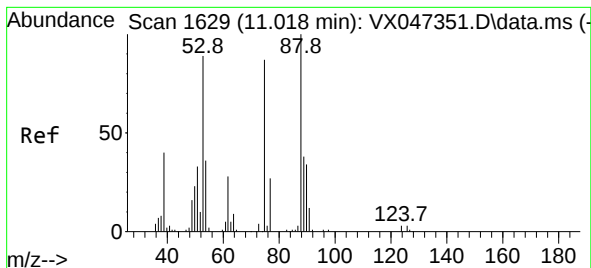
Tgt Ion: 91 Resp: 49733
Ion Ratio Lower Upper
91 100
126 1.1 16.7 50.1#



#80
1,3,5-Trimethylbenzene
Concen: 12.249 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion:105 Resp: 122528
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

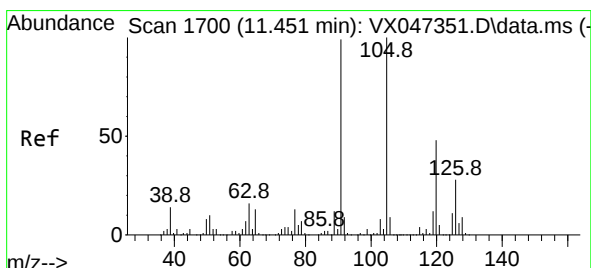
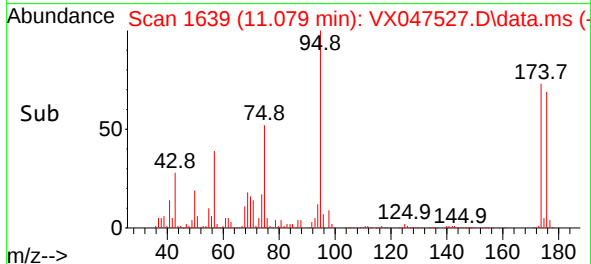
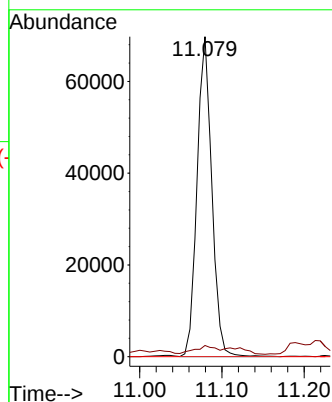
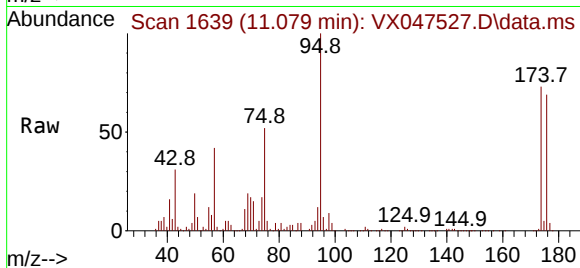




#81
trans-1,4-Dichloro-2-butene
Concen: 119.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

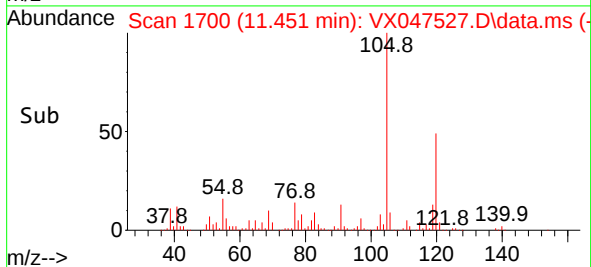
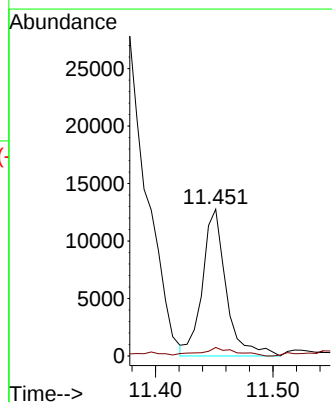
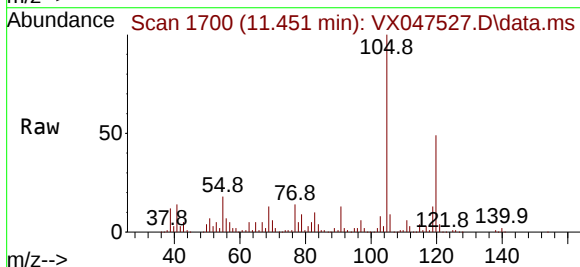
Instrument :
MSVOA_X
ClientSampleId :

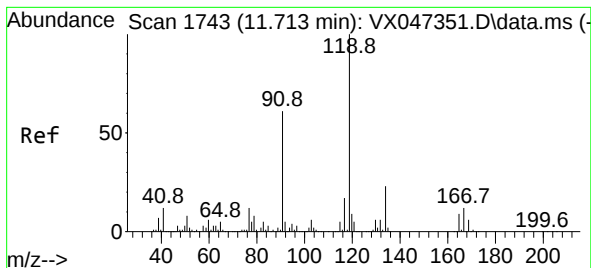
Tgt Ion: 75 Resp: 86973
Ion Ratio Lower Upper
75 100
53 3.2 85.2 127.8#
89 0.0 36.7 55.1#



#82
4-Chlorotoluene
Concen: 1.726 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047527.D
Acq: 26 Aug 2025 11:58

Tgt Ion: 91 Resp: 17854
Ion Ratio Lower Upper
91 100
126 8.4 14.4 43.0#





#83

tert-Butylbenzene

Concen: 0.230 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047527.D

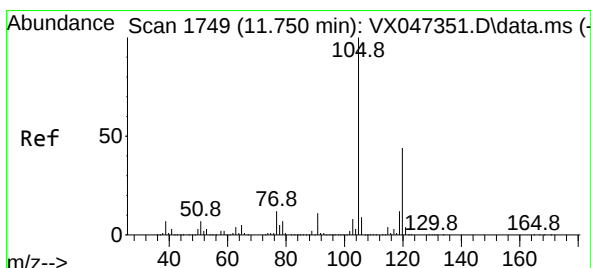
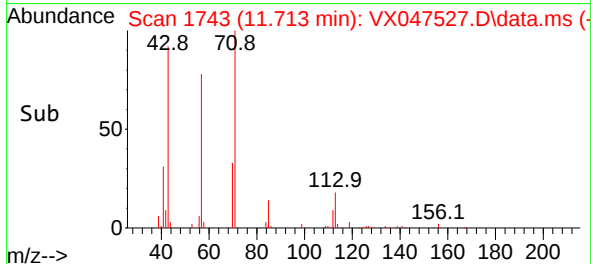
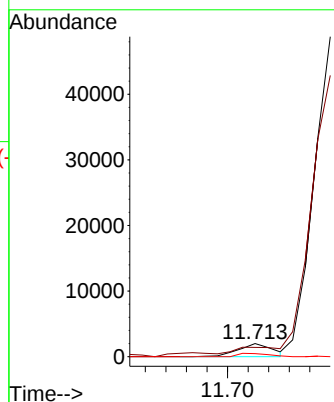
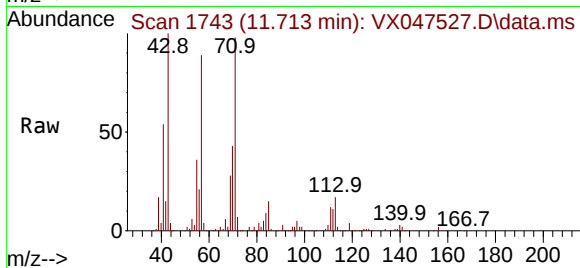
Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:119 Resp: 2292
 Ion Ratio Lower Upper
 119 100
 91 0.0 29.1 87.4#
 134 0.0 11.3 33.9#



#84

1,2,4-Trimethylbenzene

Concen: 47.405 ug/l

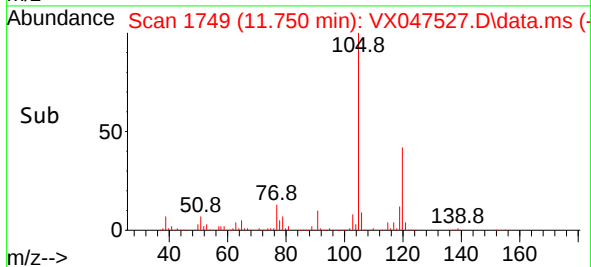
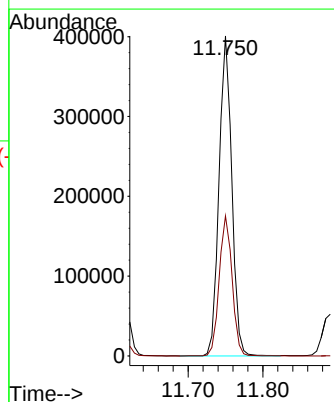
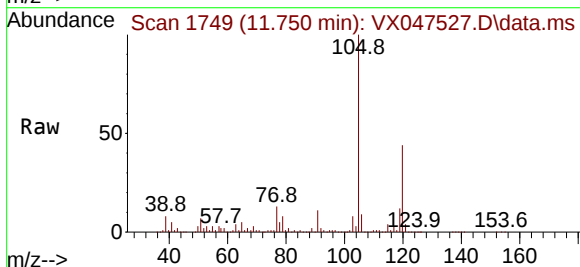
RT: 11.750 min Scan# 1749

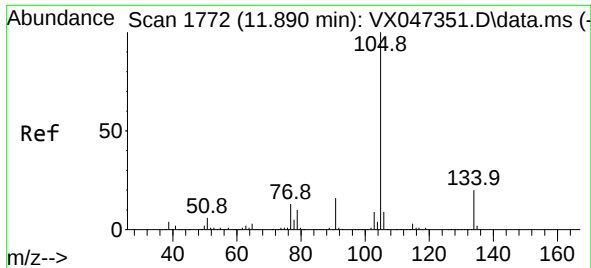
Delta R.T. 0.000 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Tgt Ion:105 Resp: 474225
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.9 65.7

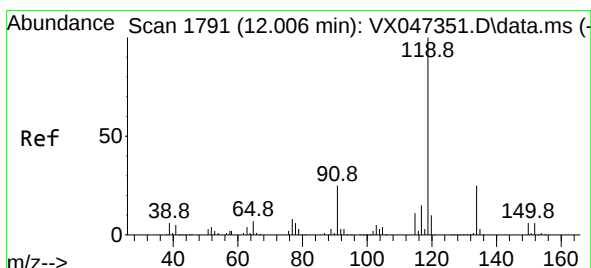
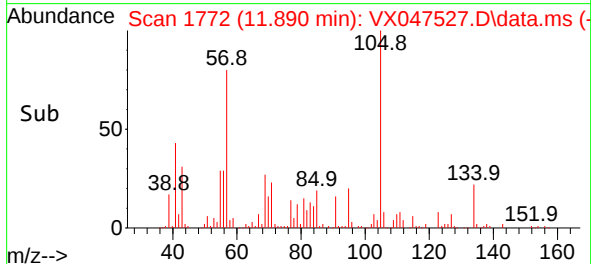
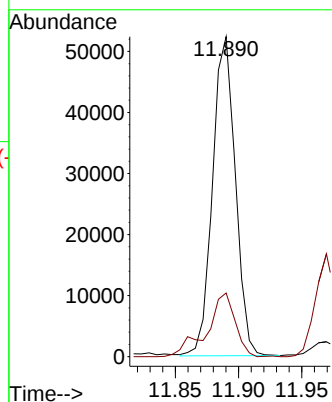
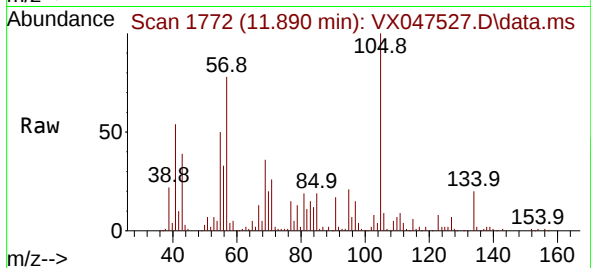




#85
 sec-Butylbenzene
 Concen: 5.292 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047527.D
 Acq: 26 Aug 2025 11:58

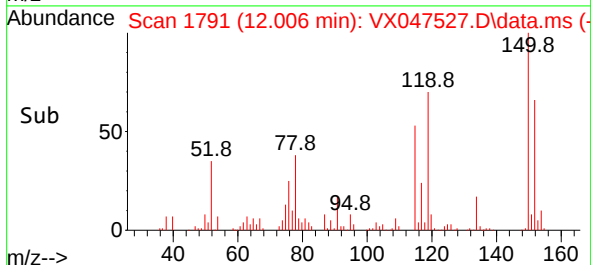
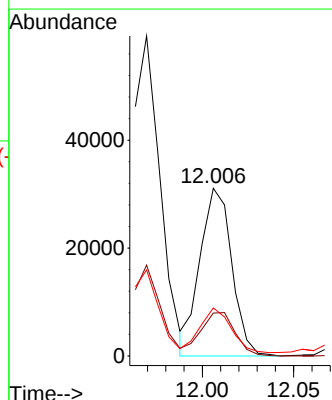
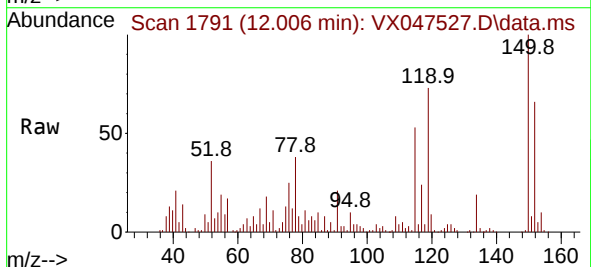
Instrument :
 MSVOA_X
 ClientSampleId :

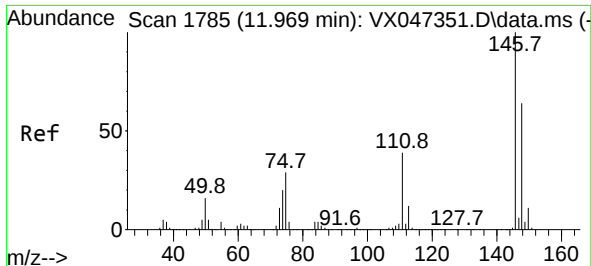
Tgt Ion:105 Resp: 65461
 Ion Ratio Lower Upper
 105 100
 134 24.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 3.608 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047527.D
 Acq: 26 Aug 2025 11:58

Tgt Ion:119 Resp: 37769
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.8 38.4
 91 25.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 0.275 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

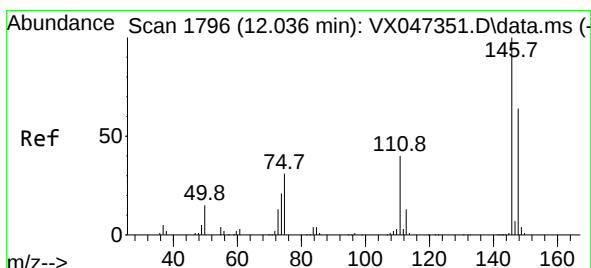
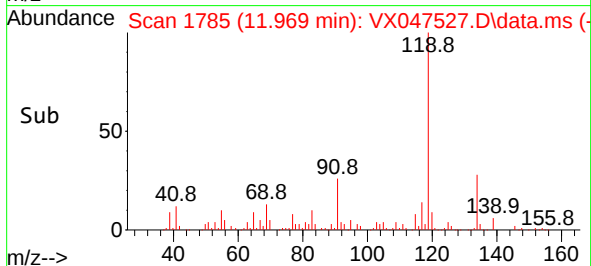
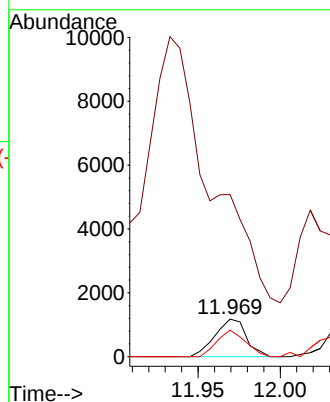
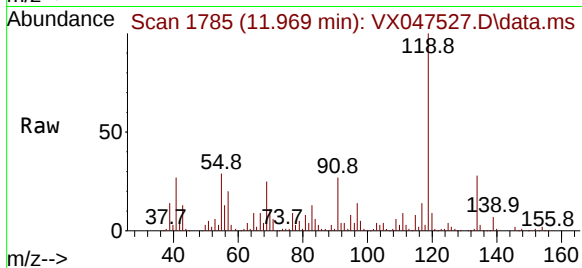
Tgt Ion:146 Resp: 1561

Ion Ratio Lower Upper

146 100

111 0.0 20.6 61.8#

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.278 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

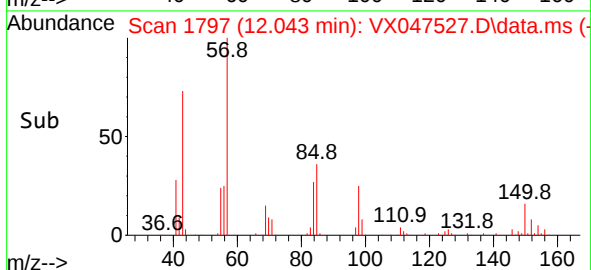
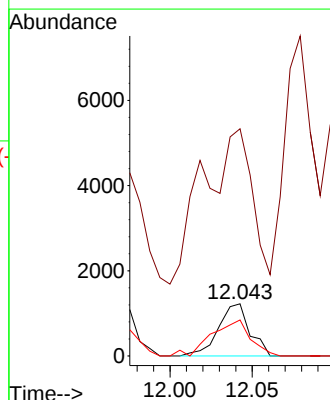
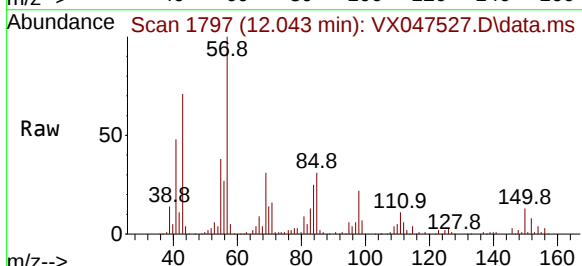
Tgt Ion:146 Resp: 1623

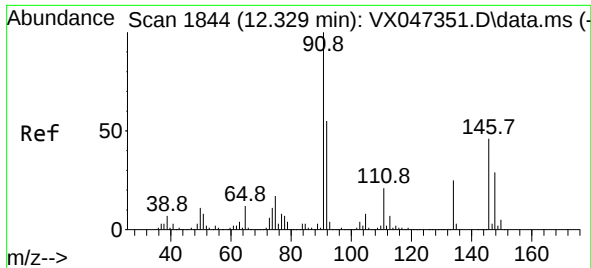
Ion Ratio Lower Upper

146 100

111 218.3 20.4 61.2#

148 85.6 31.7 95.1





#89

n-Butylbenzene

Concen: 13.923 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

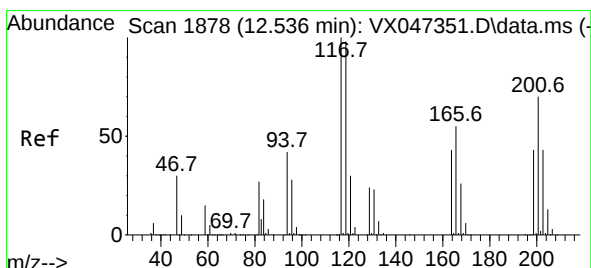
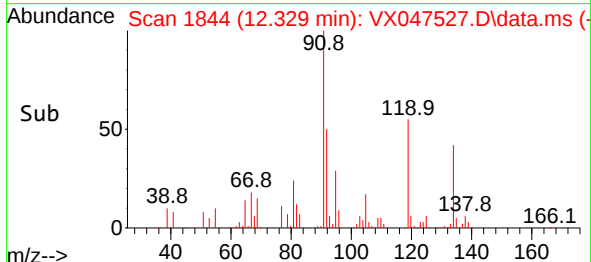
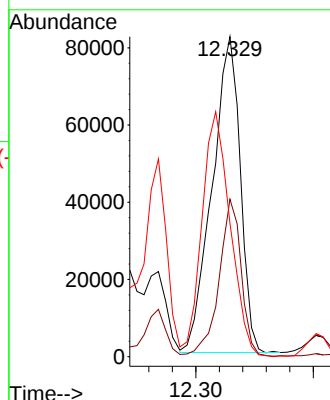
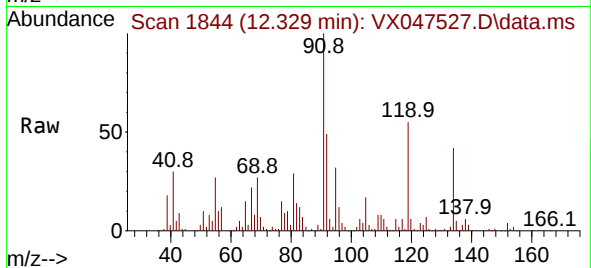
Tgt Ion: 91 Resp: 135554

Ion Ratio Lower Upper

91 100

92 39.6 27.2 81.5

134 77.4 12.6 37.8#



#90

Hexachloroethane

Concen: 7.388 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX047527.D

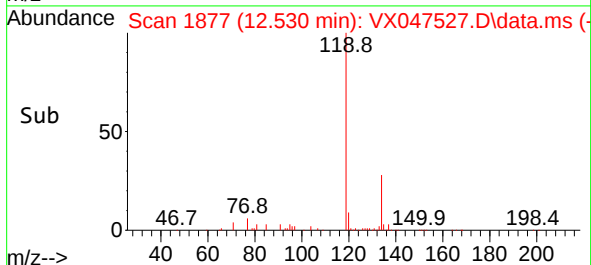
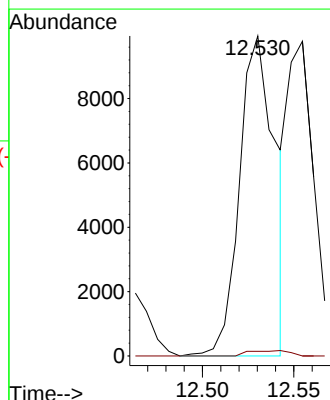
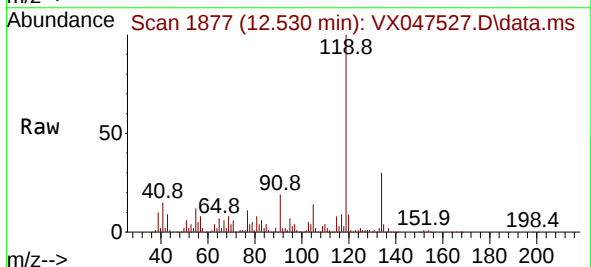
Acq: 26 Aug 2025 11:58

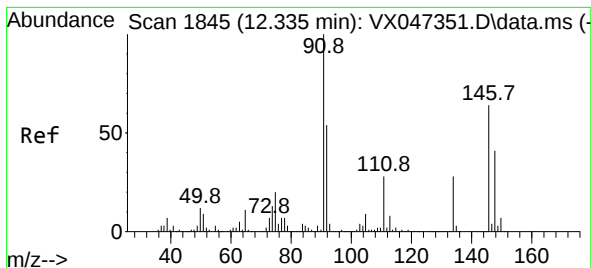
Tgt Ion: 117 Resp: 13567

Ion Ratio Lower Upper

117 100

201 0.0 35.1 105.3#





#91

1,2-Dichlorobenzene

Concen: 0.219 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

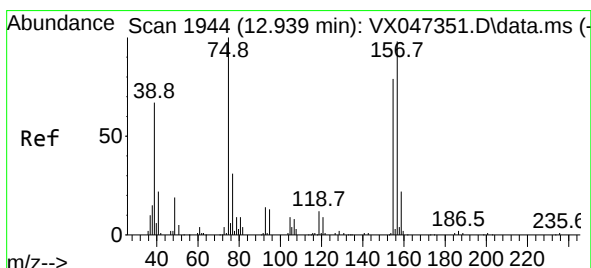
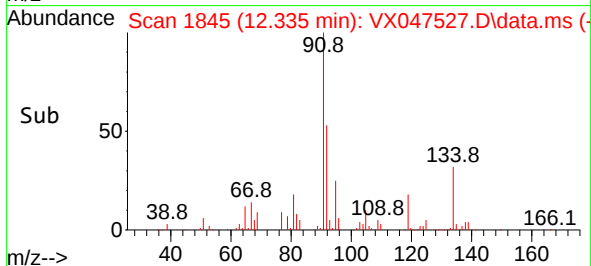
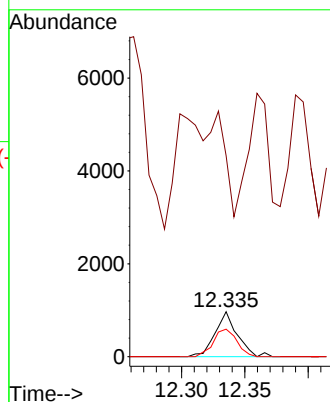
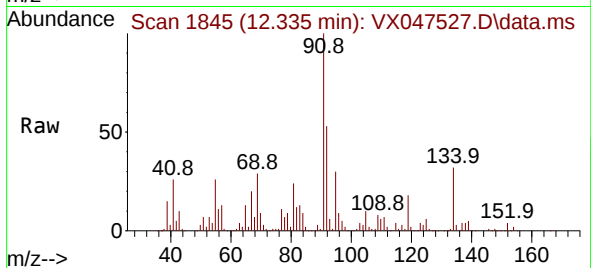
Tgt Ion:146 Resp: 1179

Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.1#

148 64.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.404 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

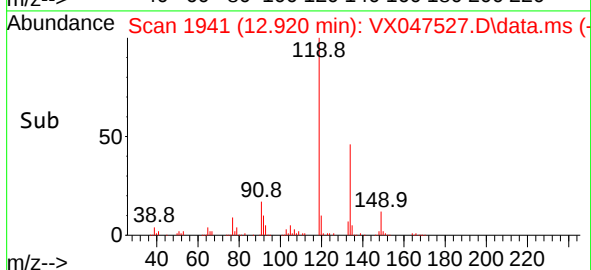
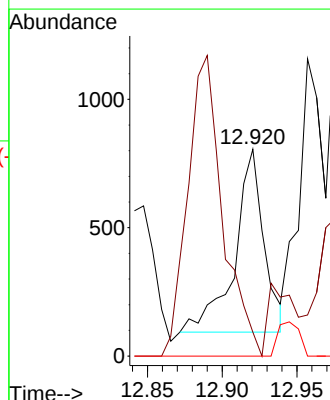
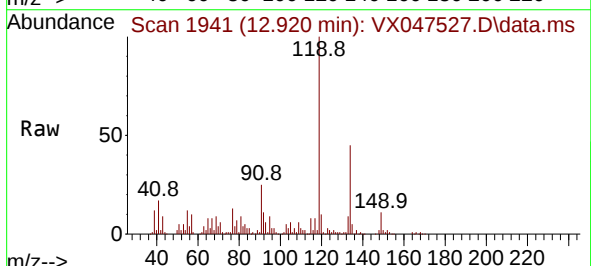
Tgt Ion: 75 Resp: 969

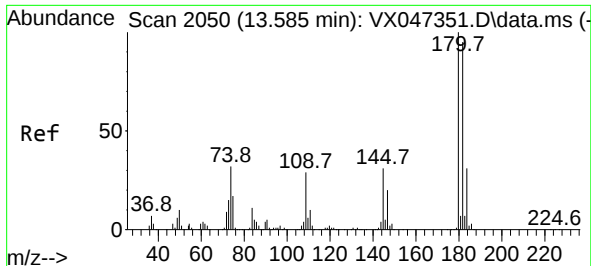
Ion Ratio Lower Upper

75 100

155 34.1 41.3 123.7#

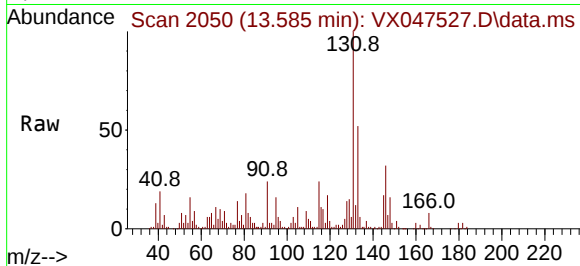
157 0.0 51.5 154.5#



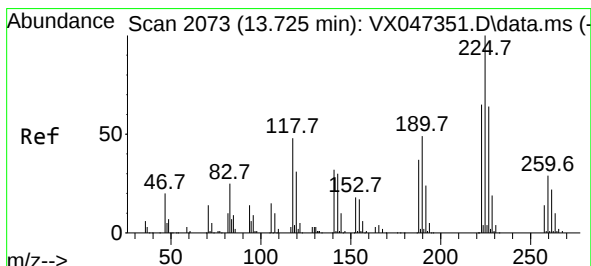
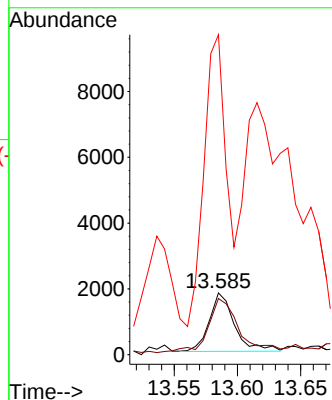
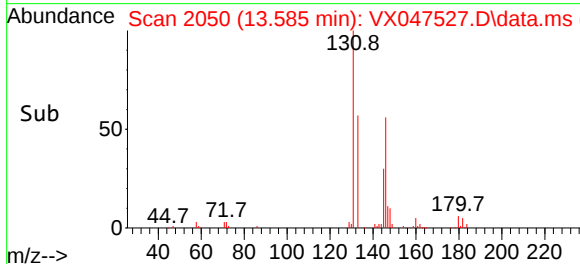


#93
 1,2,4-Trichlorobenzene
 Concen: 0.682 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX047527.D
 Acq: 26 Aug 2025 11:58

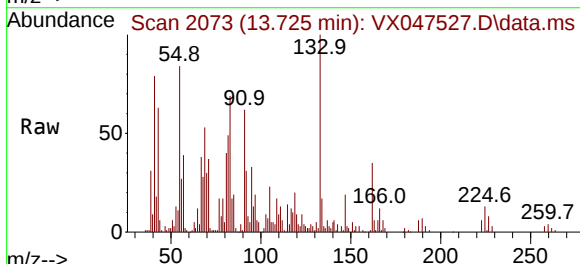
Instrument :
 MSVOA_X
 ClientSampleId :



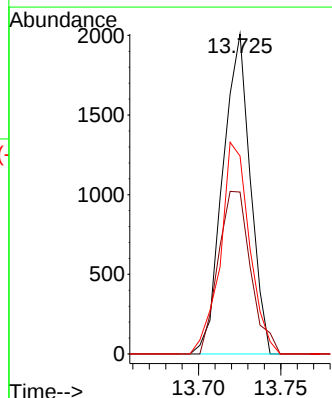
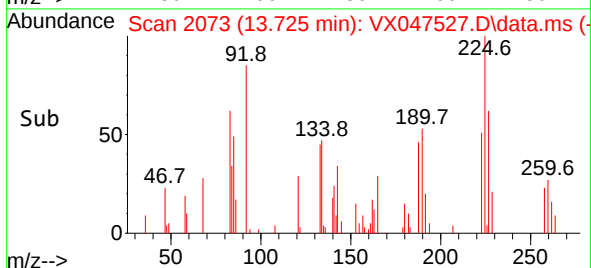
Tgt Ion:180 Resp: 2462
 Ion Ratio Lower Upper
 180 100
 182 112.5 48.1 144.4
 145 469.4 16.2 48.5#

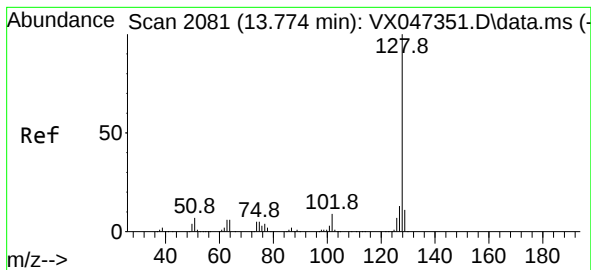


#94
 Hexachlorobutadiene
 Concen: 1.818 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX047527.D
 Acq: 26 Aug 2025 11:58



Tgt Ion:225 Resp: 2335
 Ion Ratio Lower Upper
 225 100
 223 59.9 32.2 96.6
 227 70.1 31.6 95.0





#95

Naphthalene

Concen: 5.134 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047527.D

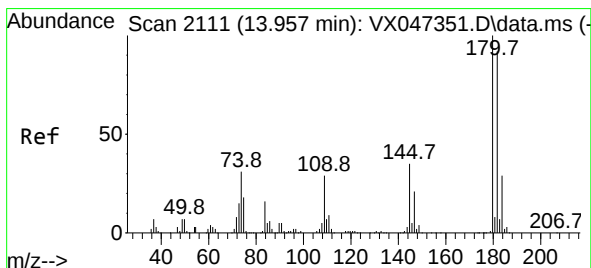
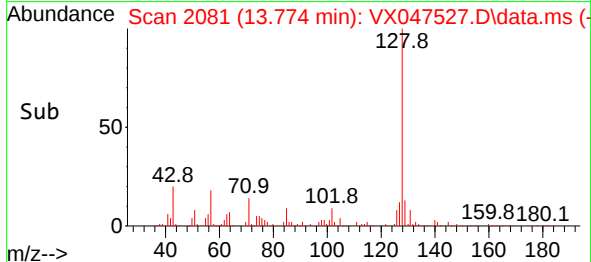
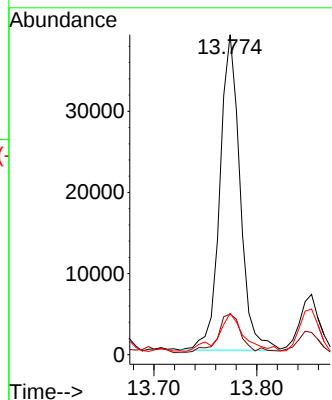
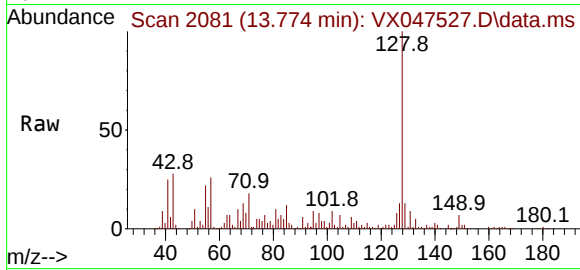
Acq: 26 Aug 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	128	Resp:	52951
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.1	15.1
129	15.2	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.955 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047527.D

Acq: 26 Aug 2025 11:58

Tgt Ion:	180	Resp:	3248
Ion Ratio	Lower	Upper	
180	100		
182	62.1	48.0	144.2
145	361.5	17.4	52.2

