

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110625\
 Data File : VX048507.D
 Acq On : 06 Nov 2025 09:13
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 06 11:05:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 06 11:04:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	185434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	300986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	289467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143123	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	2830	1.064	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	2.120%#
35) Dibromofluoromethane	5.361	113	2111	1.232	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.460%#
50) Toluene-d8	8.629	98	9549	1.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.520%#
62) 4-Bromofluorobenzene	11.067	95	4090	1.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.920%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.179	85	1951	1.054	ug/l	94
3) Chloromethane	1.301	50	1414	1.340	ug/l #	79
4) Vinyl Chloride	1.386	62	2640	1.092	ug/l	98
5) Bromomethane	1.618	94	1132	1.310	ug/l #	69
6) Chloroethane	1.697	64	1631	1.140	ug/l	91
7) Trichlorofluoromethane	1.892	101	4167	1.119	ug/l	97
8) Diethyl Ether	2.130	74	1231	0.913	ug/l	68
9) 1,1,2-Trichlorotrifluo...	2.331	101	2367	1.130	ug/l	99
10) Methyl Iodide	2.459	142	8939	1.071	ug/l	98
11) Tert butyl alcohol	2.928	59	774	3.829	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	2251	1.061	ug/l	90
13) Acrolein	2.239	56	2067	5.215	ug/l	97
14) Allyl chloride	2.666	41	3604	0.989	ug/l	92
15) Acrylonitrile	3.062	53	4282	4.624	ug/l	97
16) Acetone	2.374	43	2875	4.836	ug/l	98
17) Carbon Disulfide	2.514	76	7214	1.190	ug/l	96
18) Methyl Acetate	2.697	43	1981	0.976	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	6625	0.959	ug/l	94
20) Methylene Chloride	2.788	84	3259	1.411	ug/l #	72
21) trans-1,2-Dichloroethene	3.093	96	2321	1.019	ug/l	97
22) Diisopropyl ether	3.751	45	7857	1.050	ug/l #	93
23) Vinyl Acetate	3.709	43	25224	4.983	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	4279	1.013	ug/l	98
25) 2-Butanone	4.550	43	3908	4.090	ug/l #	88
26) 2,2-Dichloropropane	4.446	77	3709	1.024	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	2599	0.961	ug/l	97
28) Bromochloromethane	4.885	49	1861	0.965	ug/l #	88
29) Tetrahydrofuran	4.983	42	1065	1.568	ug/l #	38
30) Chloroform	5.068	83	4070	0.942	ug/l	92
31) Cyclohexane	5.458	56	3476	0.959	ug/l	92
32) 1,1,1-Trichloroethane	5.367	97	3790	0.994	ug/l #	49
36) 1,1-Dichloropropene	5.678	75	3044	1.064	ug/l	93
37) Ethyl Acetate	4.696	43	2009	0.825	ug/l #	73
38) Carbon Tetrachloride	5.660	117	3704	1.130	ug/l	86
39) Methylcyclohexane	7.361	83	3974	1.094	ug/l	91
40) Benzene	6.025	78	9056	1.038	ug/l #	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	513	0.416	ug/l #	62
42) 1,2-Dichloroethane	6.074	62	3222	1.045	ug/l	85
43) Isopropyl Acetate	6.324	43	3771	0.936	ug/l #	93
44) Trichloroethene	7.104	130	2487	1.092	ug/l	82
45) 1,2-Dichloropropane	7.409	63	2435	1.115	ug/l #	82
46) Dibromomethane	7.574	93	1608	1.058	ug/l	95
47) Bromodichloromethane	7.806	83	3712	1.141	ug/l #	83
48) Methyl methacrylate	7.678	41	1910	0.968	ug/l	96
49) 1,4-Dioxane	7.647	88	424	19.086	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	11647	5.199	ug/l	98
52) Toluene	8.702	92	6247	1.149	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	3568	1.210	ug/l	89
54) cis-1,3-Dichloropropene	8.348	75	3864	1.219	ug/l	95
55) 1,1,2-Trichloroethane	9.135	97	2095	1.059	ug/l #	85
56) Ethyl methacrylate	9.098	69	3020	1.042	ug/l	99
57) 1,3-Dichloropropane	9.293	76	3832	1.120	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.226	63	7621	5.019	ug/l	98
59) 2-Hexanone	9.415	43	6745	4.682	ug/l	99
60) Dibromochloromethane	9.500	129	2621	1.079	ug/l	98
61) 1,2-Dibromoethane	9.592	107	2232	1.111	ug/l	98
64) Tetrachloroethene	9.250	164	2666	1.140	ug/l #	69
65) Chlorobenzene	10.061	112	6885	1.040	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.140	131	2603	1.151	ug/l #	63
67) Ethyl Benzene	10.177	91	11807	1.054	ug/l	97
68) m/p-Xylenes	10.287	106	8755	2.064	ug/l	97
69) o-Xylene	10.622	106	4041	0.993	ug/l	99
70) Styrene	10.640	104	6668	0.967	ug/l	98
71) Bromoform	10.781	173	1671	1.012	ug/l #	96
73) Isopropylbenzene	10.945	105	11033	1.051	ug/l	98
74) N-amyl acetate	10.823	43	3411	0.907	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	3022	1.134	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	2910	1.390	ug/l	89
77) Bromobenzene	11.183	156	2870	1.105	ug/l	91
78) n-propylbenzene	11.287	91	13225	1.068	ug/l	100
79) 2-Chlorotoluene	11.348	91	7415	0.996	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	9001	1.051	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	593	1.014	ug/l #	63
82) 4-Chlorotoluene	11.439	91	9562	1.091	ug/l	99
83) tert-Butylbenzene	11.695	119	8944	1.022	ug/l	95
84) 1,2,4-Trimethylbenzene	11.732	105	8167	0.964	ug/l	100
85) sec-Butylbenzene	11.872	105	11210	1.033	ug/l	100
86) p-Isopropyltoluene	11.994	119	9362	1.022	ug/l	96
87) 1,3-Dichlorobenzene	11.951	146	5322	1.072	ug/l	95
88) 1,4-Dichlorobenzene	11.951	146	5322	1.053	ug/l	96
89) n-Butylbenzene	12.317	91	9112	1.055	ug/l	98
90) Hexachloroethane	12.524	117	1739	1.069	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	4786	1.039	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.920	75	473	0.921	ug/l	91
93) 1,2,4-Trichlorobenzene	13.573	180	3186	1.015	ug/l	96
94) Hexachlorobutadiene	13.707	225	1369	1.046	ug/l	97
95) Naphthalene	13.756	128	6643	0.848	ug/l	97
96) 1,2,3-Trichlorobenzene	13.945	180	2703	0.960	ug/l	94

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Quant Title : SW846 8260
QLast Update : Thu Nov 06 11:04:38 2025
Response via : Initial Calibration

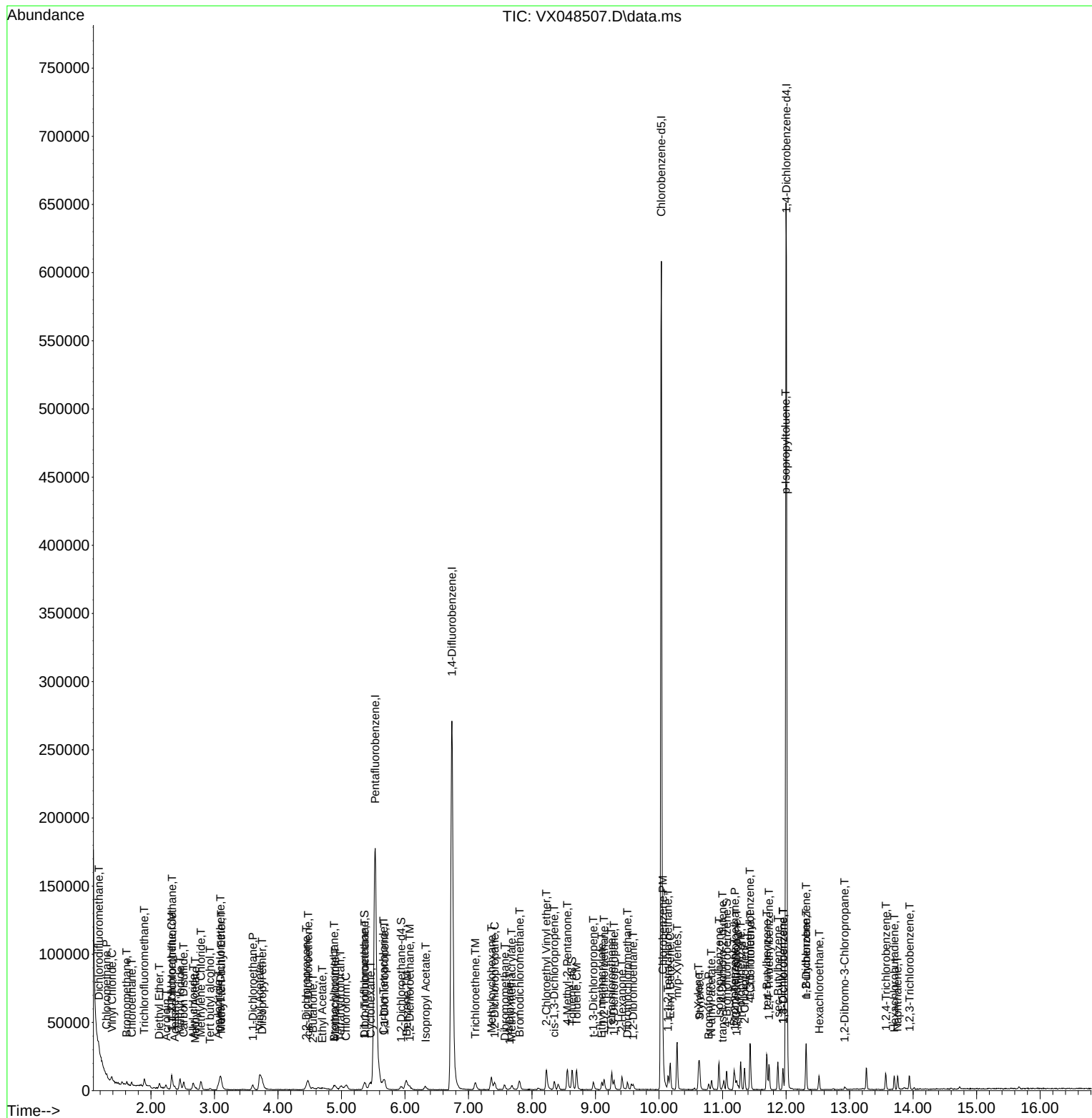
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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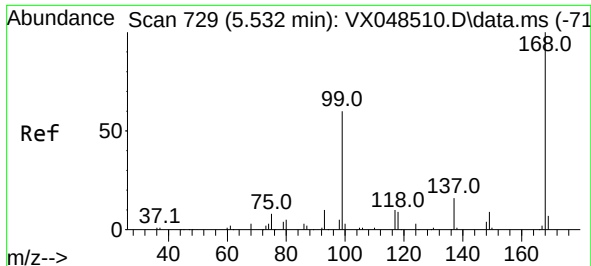
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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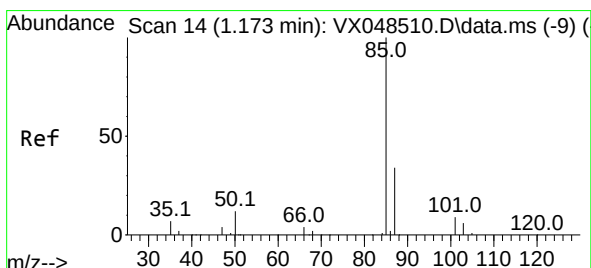
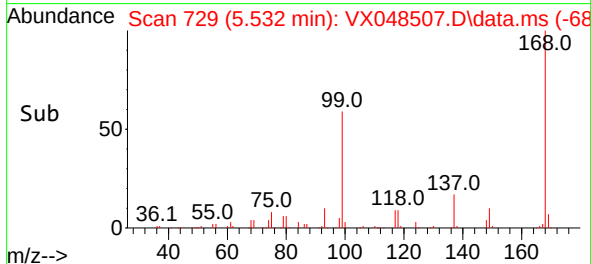
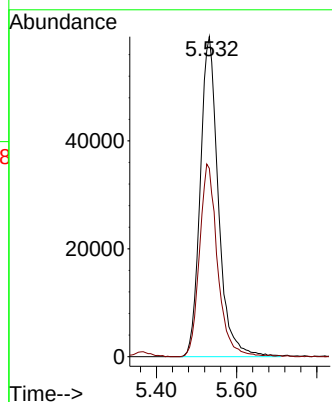
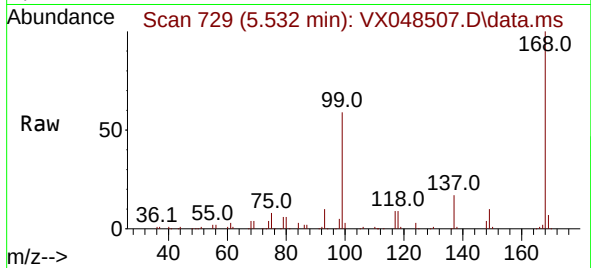




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.005 min
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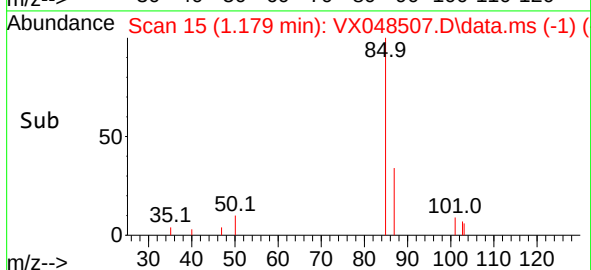
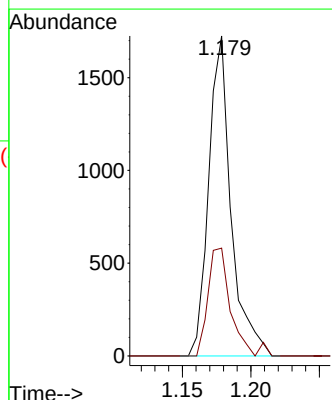
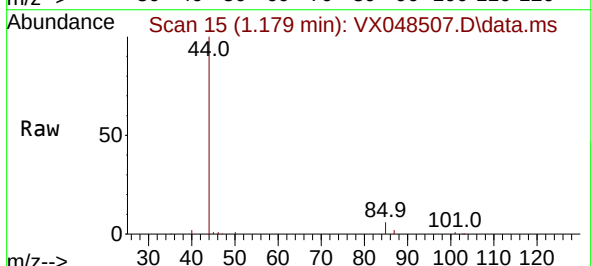
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

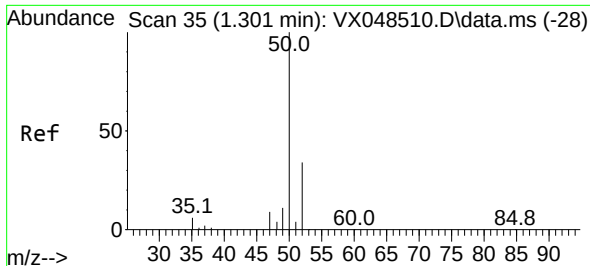
Tgt Ion:168 Resp: 185434
Ion Ratio Lower Upper
168 100
99 58.9 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 1.054 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 85 Resp: 1951
Ion Ratio Lower Upper
85 100
87 33.7 15.3 45.9

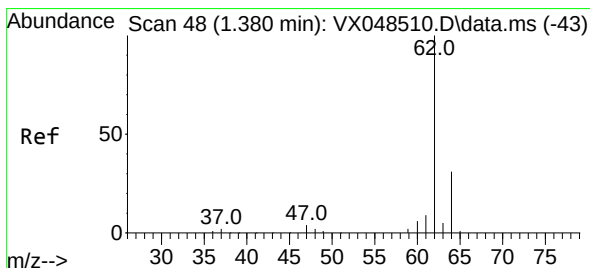
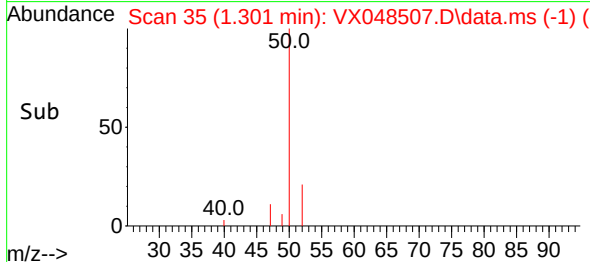
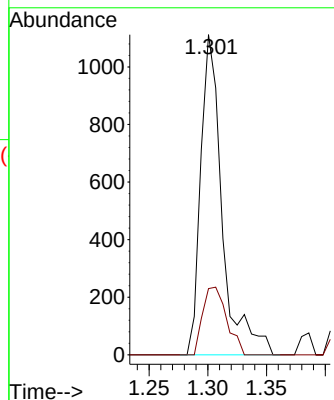
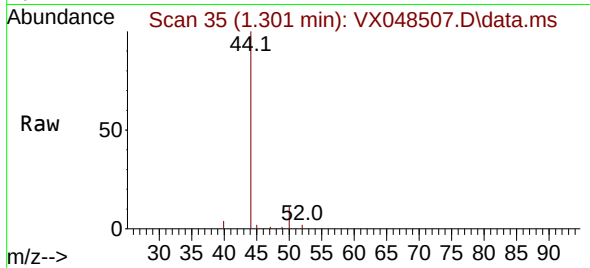




#3
Chloromethane
Concen: 1.340 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

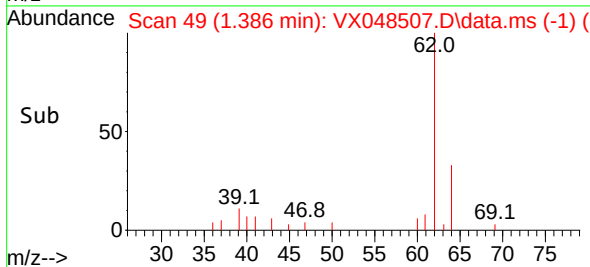
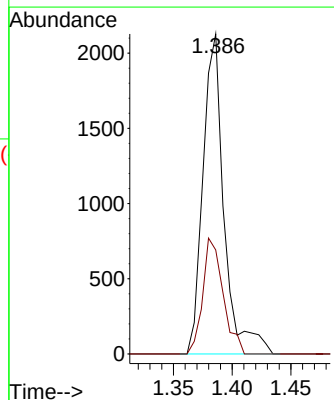
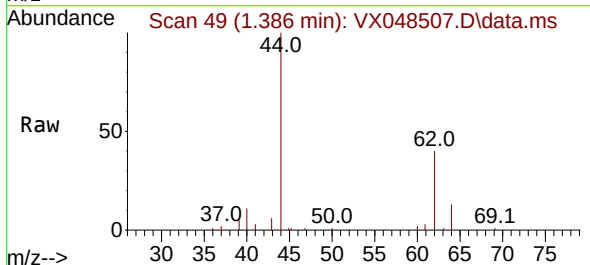
Instrument :
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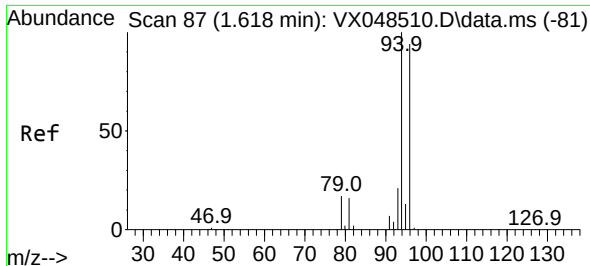
Tgt Ion: 50 Resp: 1414
Ion Ratio Lower Upper
50 100
52 20.7 25.9 38.9#



#4
Vinyl Chloride
Concen: 1.092 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 62 Resp: 2640
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7

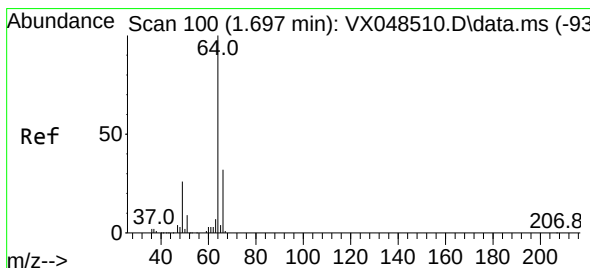
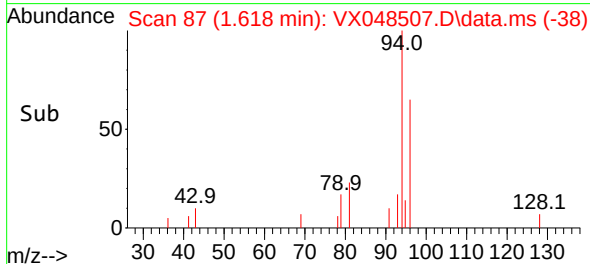
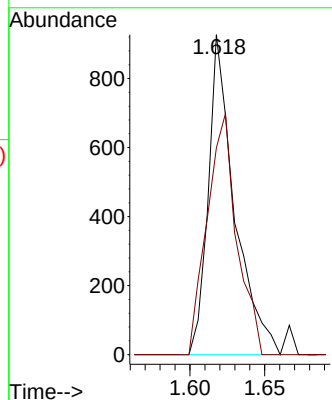
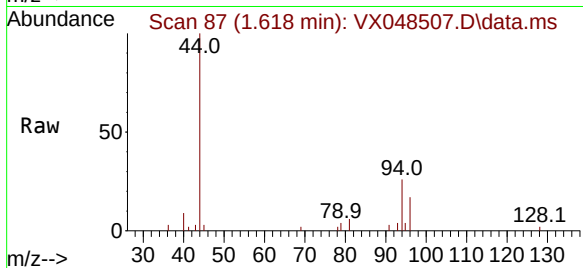




#5
 Bromomethane
 Concen: 1.310 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX048507.D
 Acq: 06 Nov 2025 09:13

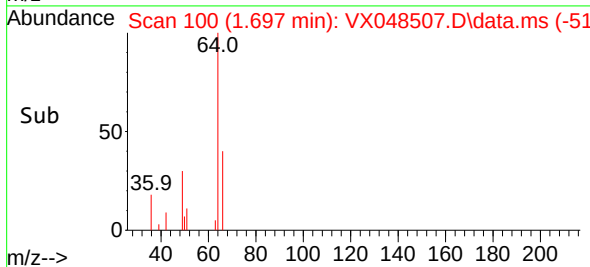
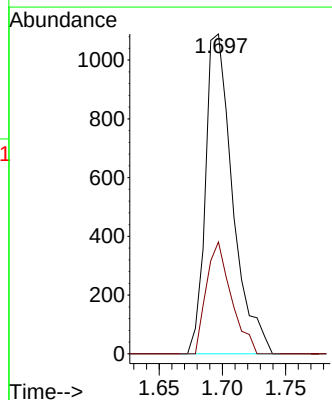
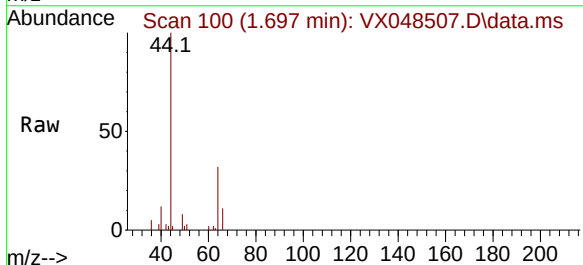
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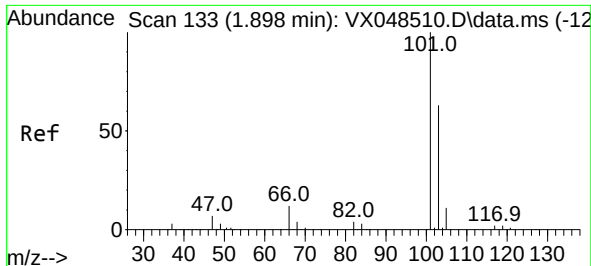
Tgt Ion: 94 Resp: 1132
 Ion Ratio Lower Upper
 94 100
 96 64.6 76.0 114.0#



#6
 Chloroethane
 Concen: 1.140 ug/l
 RT: 1.697 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VX048507.D
 Acq: 06 Nov 2025 09:13

Tgt Ion: 64 Resp: 1631
 Ion Ratio Lower Upper
 64 100
 66 35.0 23.9 35.9

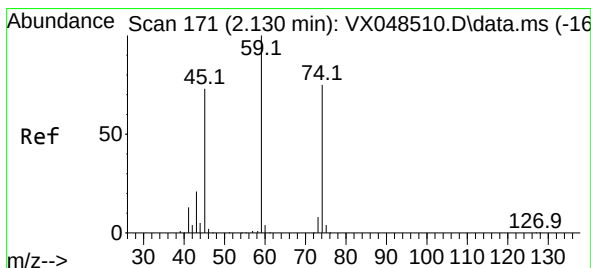
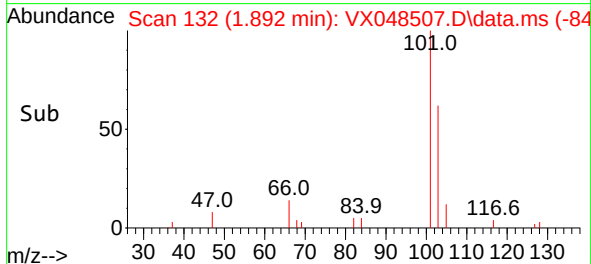
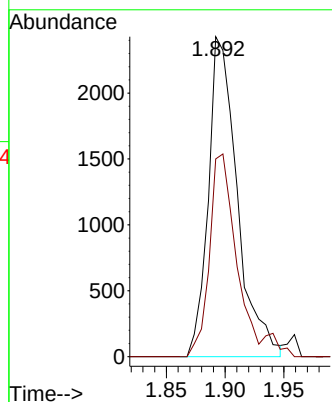
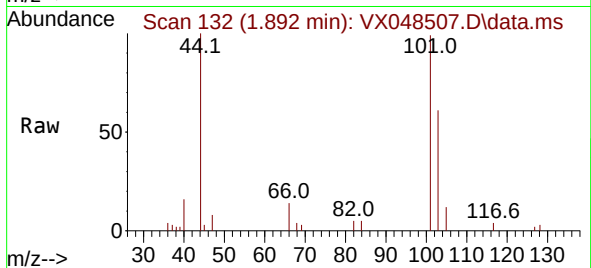




#7
Trichlorofluoromethane
Concen: 1.119 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

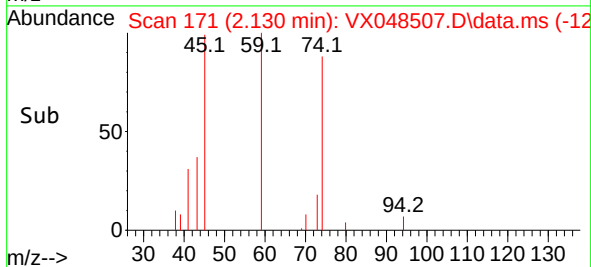
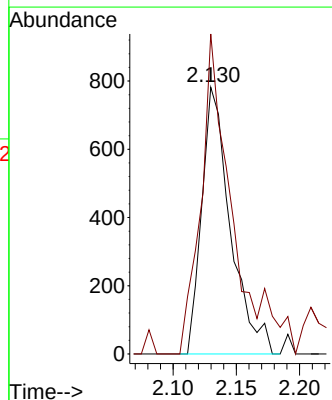
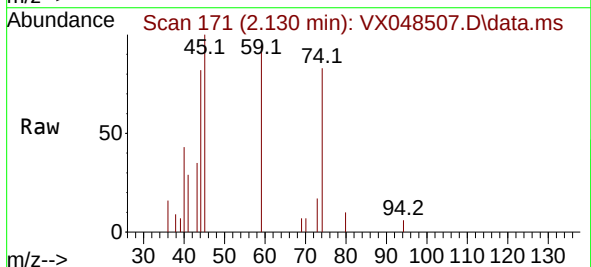
Instrument :
MSVOA_X
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VSTDIC001

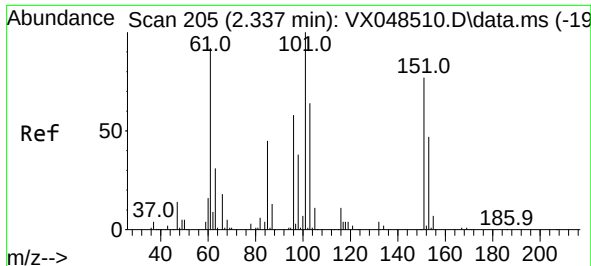
Tgt Ion:101 Resp: 4167
Ion Ratio Lower Upper
101 100
103 61.8 51.6 77.4



#8
Diethyl Ether
Concen: 0.913 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 74 Resp: 1231
Ion Ratio Lower Upper
74 100
45 132.3 50.0 149.8

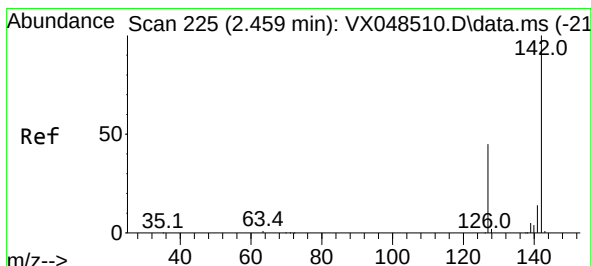
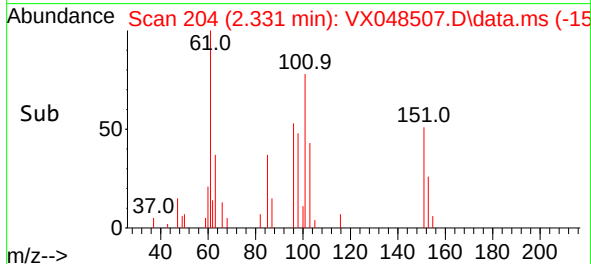
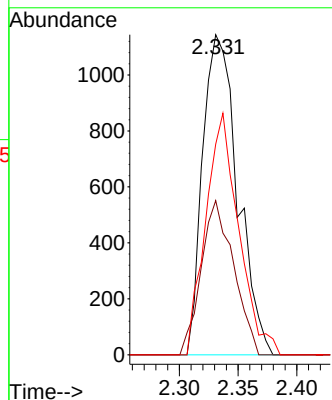
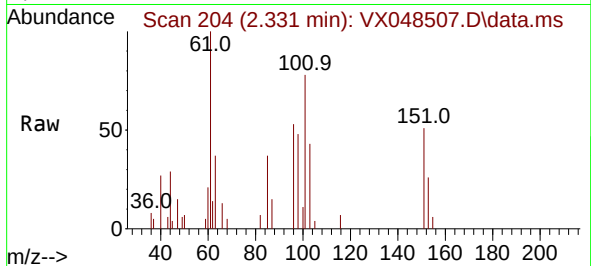




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.130 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

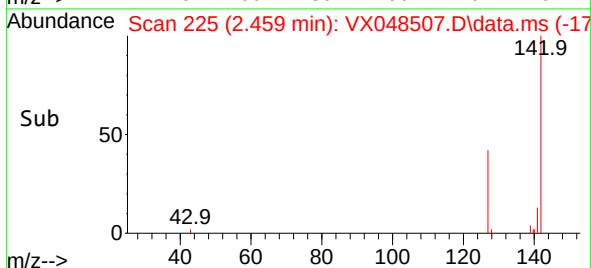
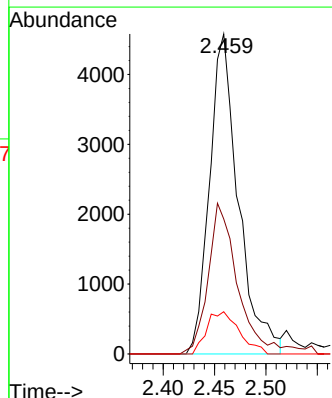
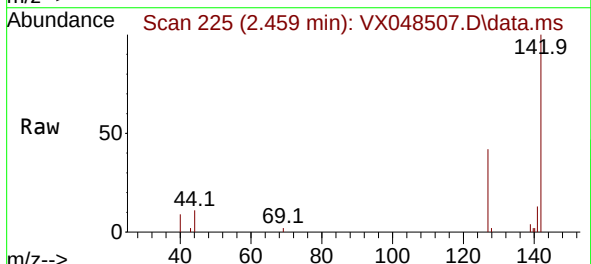
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

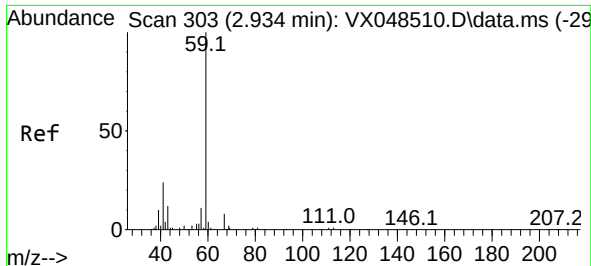
Tgt Ion:101 Resp: 2367
Ion Ratio Lower Upper
101 100
85 44.7 35.6 53.4
151 71.1 58.0 87.0



#10
Methyl Iodide
Concen: 1.071 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion:142 Resp: 8939
Ion Ratio Lower Upper
142 100
127 49.3 38.5 57.7
141 14.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 3.829 ug/l

RT: 2.928 min Scan# 303

Delta R.T. -0.012 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

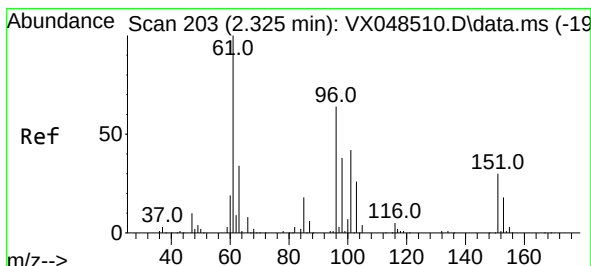
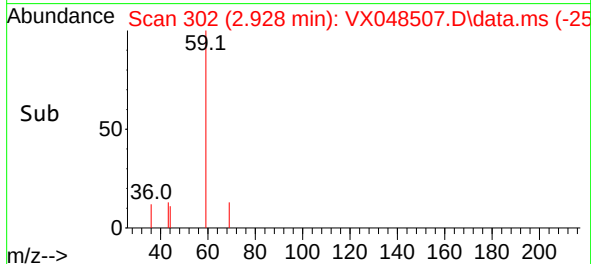
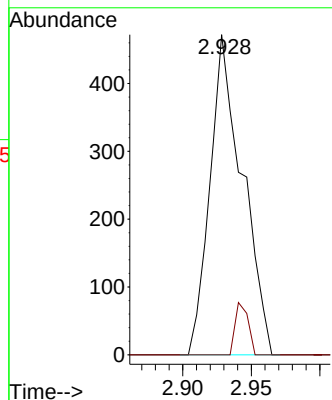
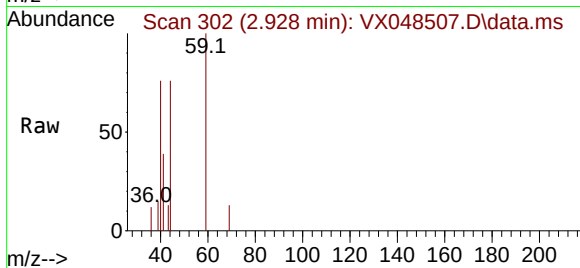
VSTDIC001

Tgt Ion: 59 Resp: 774

Ion Ratio Lower Upper

59 100

57 6.5 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 1.061 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

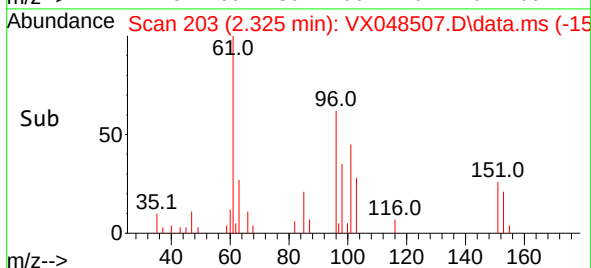
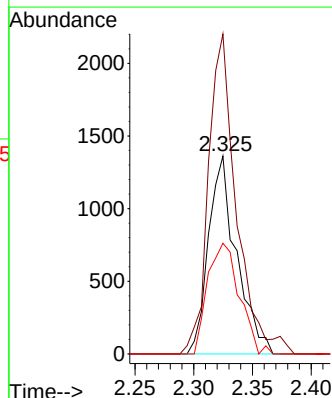
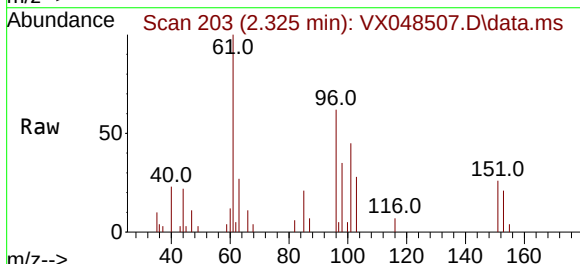
Tgt Ion: 96 Resp: 2251

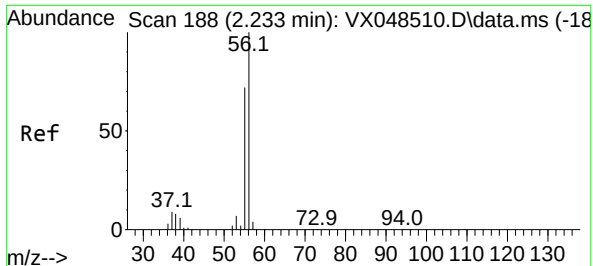
Ion Ratio Lower Upper

96 100

61 161.7 139.0 208.6

98 55.9 52.4 78.6

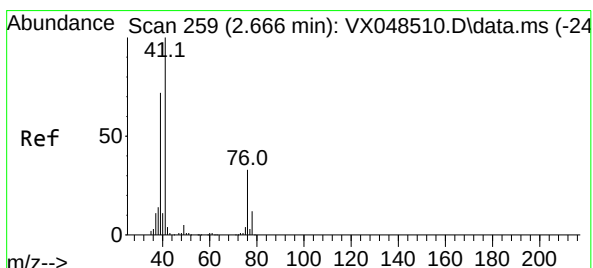
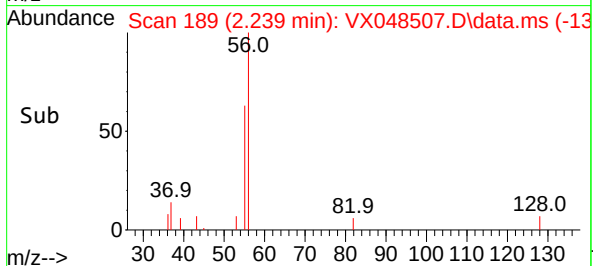
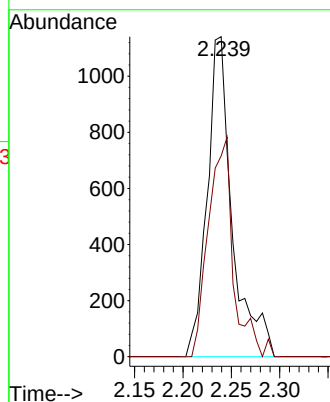
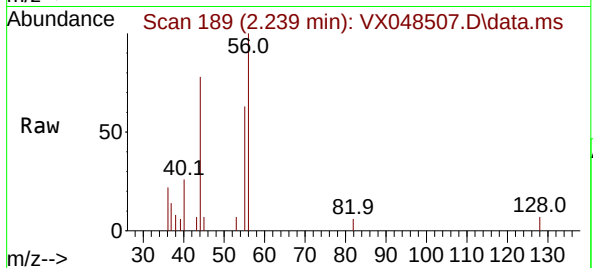




#13
Acrolein
Concen: 5.215 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

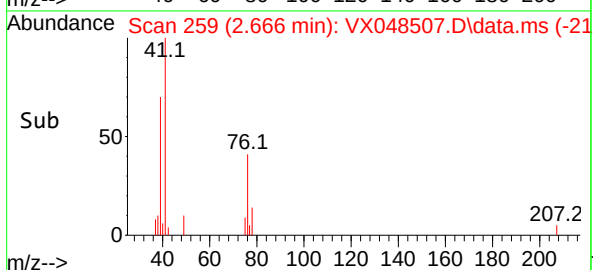
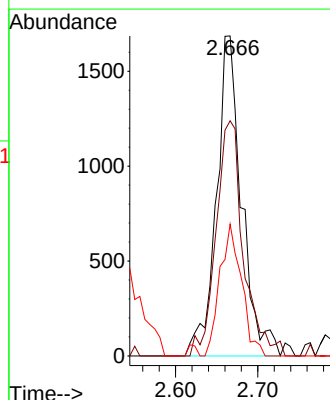
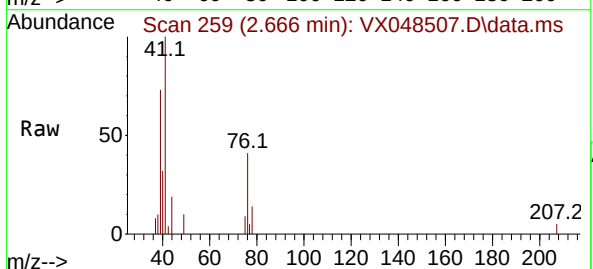
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

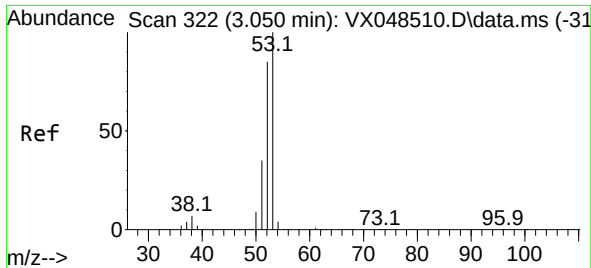
Tgt Ion: 56 Resp: 2067
Ion Ratio Lower Upper
56 100
55 68.0 56.1 84.1



#14
Allyl chloride
Concen: 0.989 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 41 Resp: 3604
Ion Ratio Lower Upper
41 100
39 79.3 56.0 84.0
76 35.3 27.5 41.3

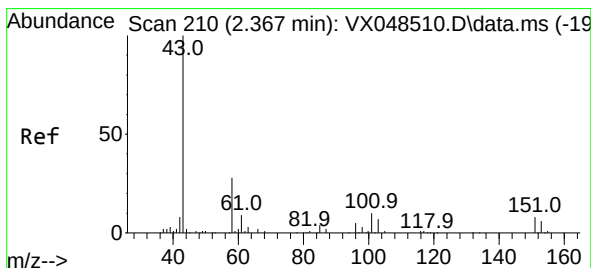
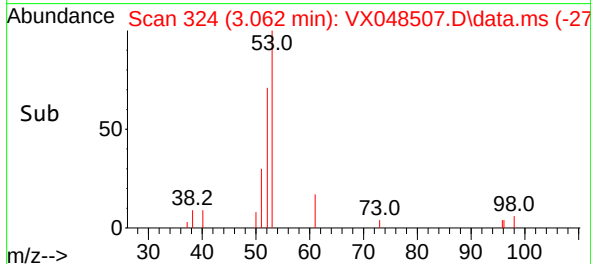
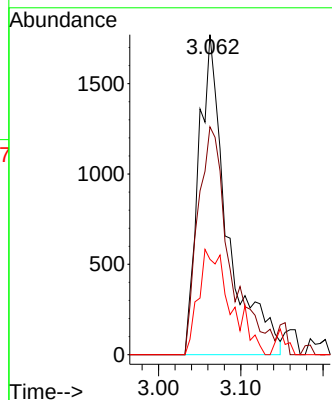
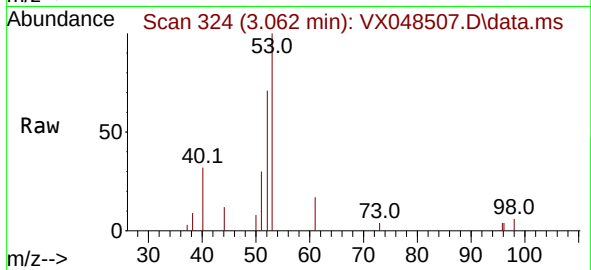




#15
Acrylonitrile
Concen: 4.624 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

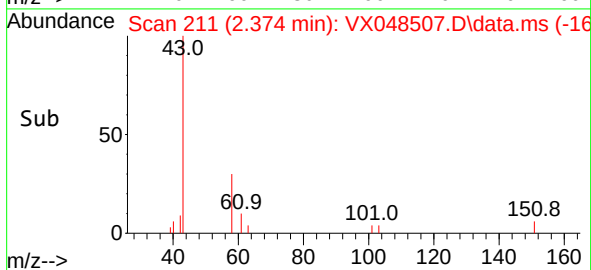
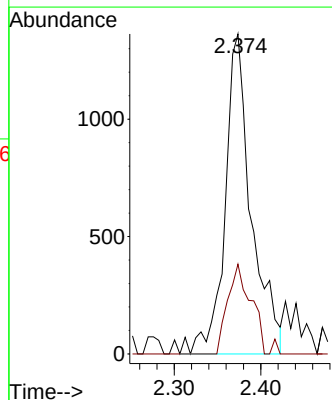
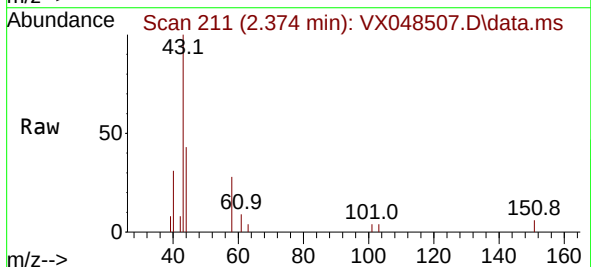
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

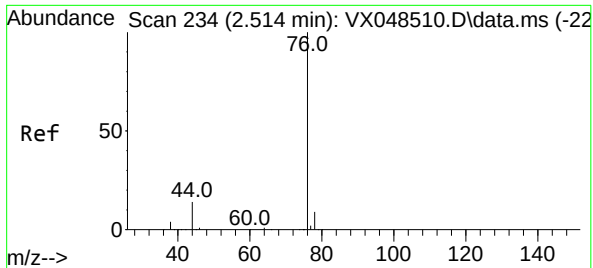
Tgt Ion: 53 Resp: 4282
Ion Ratio Lower Upper
53 100
52 79.4 66.1 99.1
51 36.9 29.0 43.4



#16
Acetone
Concen: 4.836 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 43 Resp: 2875
Ion Ratio Lower Upper
43 100
58 28.0 23.4 35.2

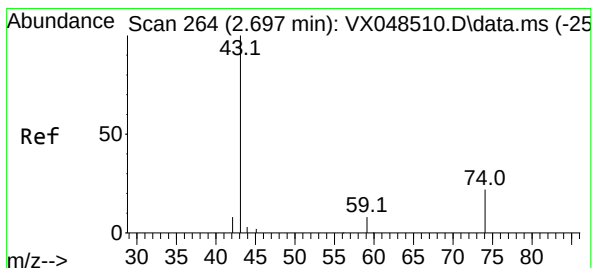
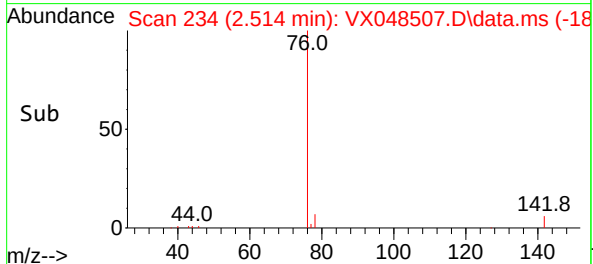
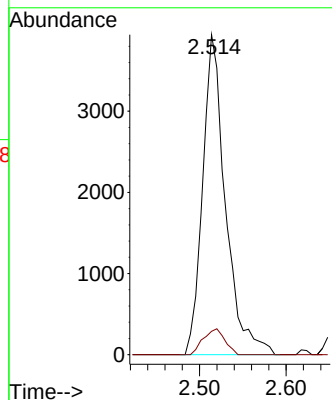
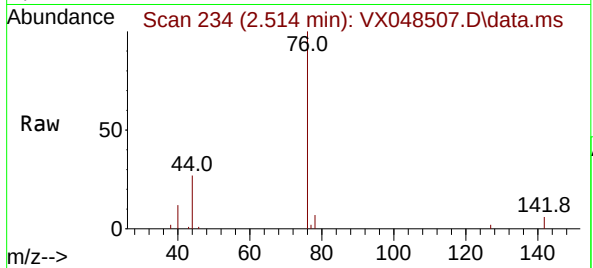




#17
Carbon Disulfide
Concen: 1.190 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

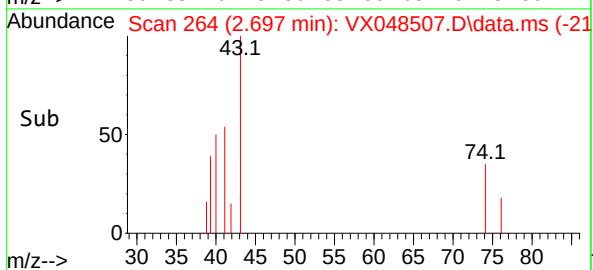
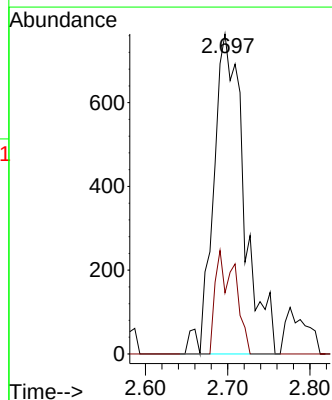
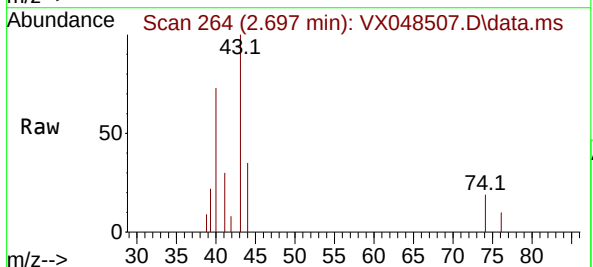
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

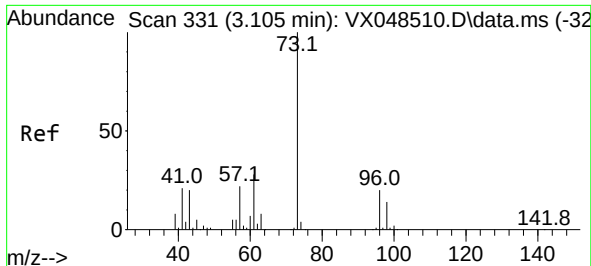
Tgt Ion: 76 Resp: 7214
Ion Ratio Lower Upper
76 100
78 7.3 7.1 10.7



#18
Methyl Acetate
Concen: 0.976 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
74 20.8 17.5 26.3

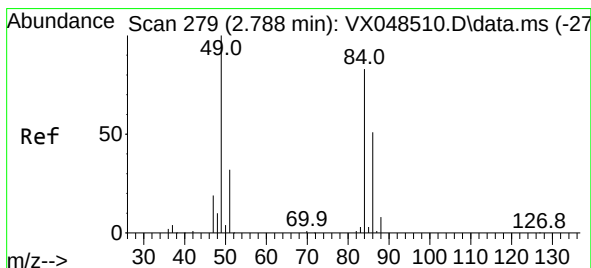
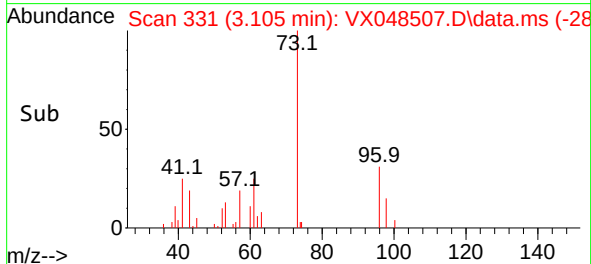
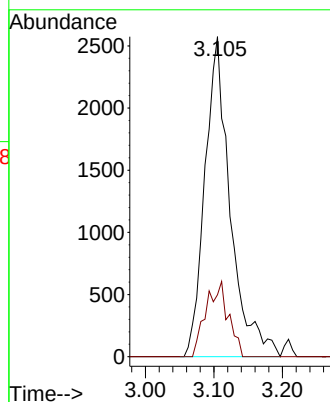
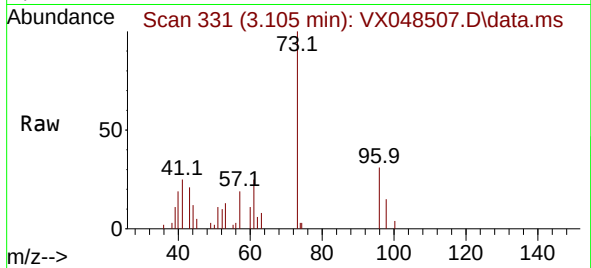




#19
Methyl tert-butyl Ether
Concen: 0.959 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

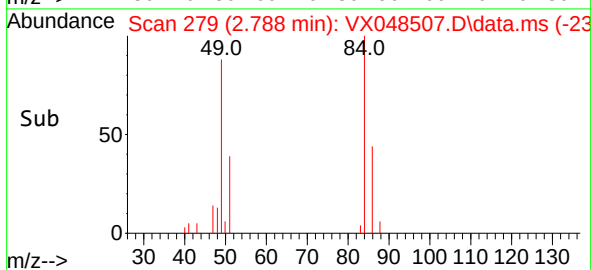
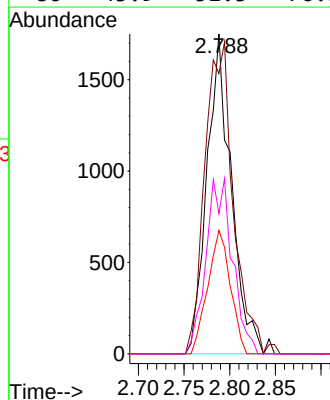
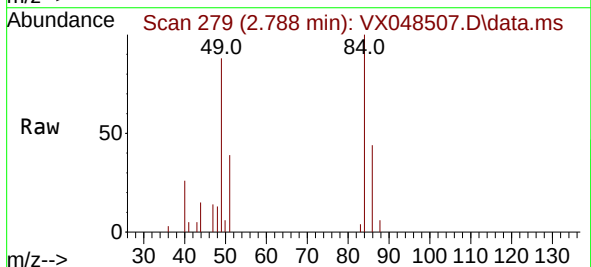
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

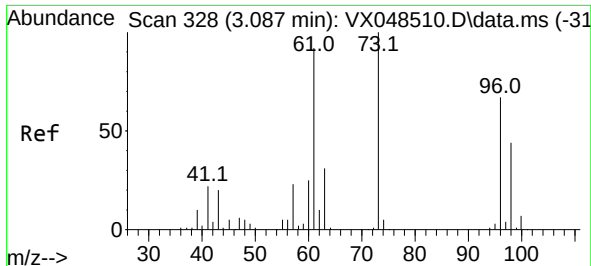
Tgt Ion: 73 Resp: 6625
Ion Ratio Lower Upper
73 100
57 19.3 17.7 26.5



#20
Methylene Chloride
Concen: 1.411 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 84 Resp: 3259
Ion Ratio Lower Upper
84 100
49 87.6 104.1 156.1#
51 38.6 31.3 46.9
86 43.9 51.3 76.9#

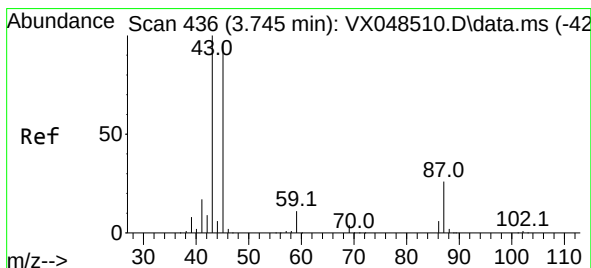
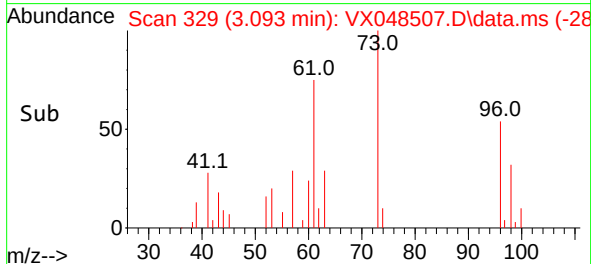
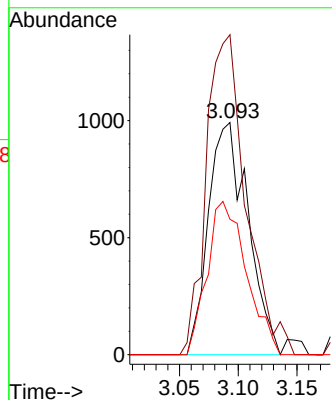
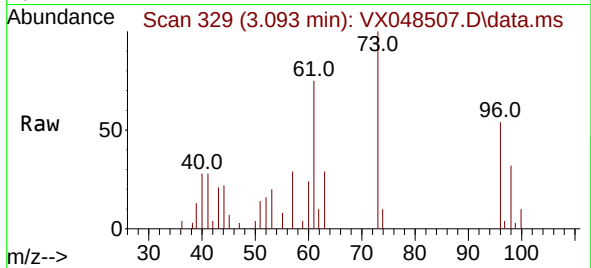




#21
trans-1,2-Dichloroethene
Concen: 1.019 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

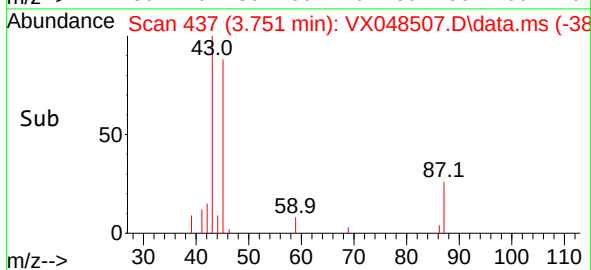
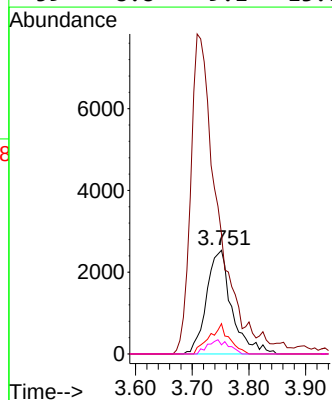
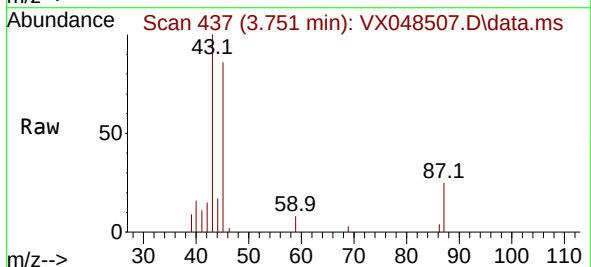
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

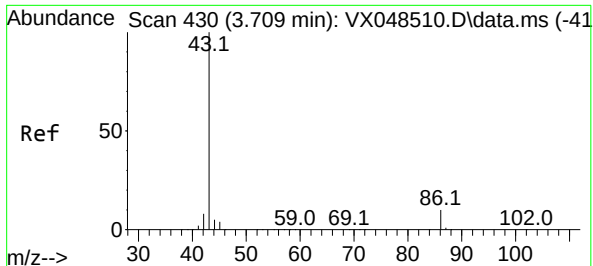
Tgt Ion: 96 Resp: 2321
Ion Ratio Lower Upper
96 100
61 137.8 111.9 167.9
98 58.3 51.2 76.8



#22
Diisopropyl ether
Concen: 1.050 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 45 Resp: 7857
Ion Ratio Lower Upper
45 100
43 105.2 89.8 134.8
87 29.2 20.6 31.0
59 8.8 9.1 13.7#

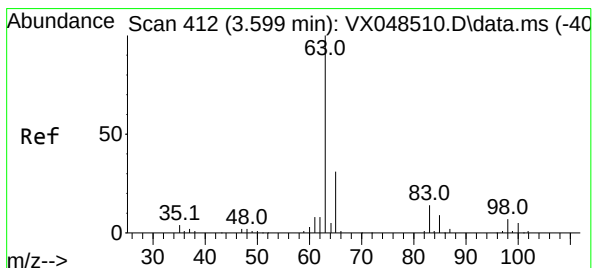
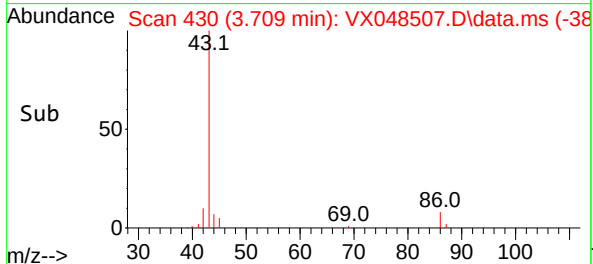
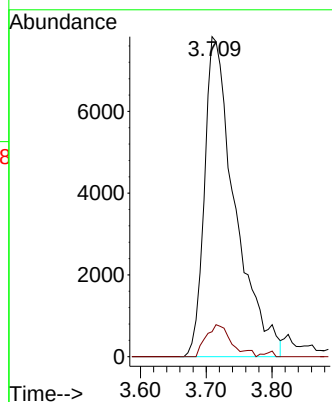
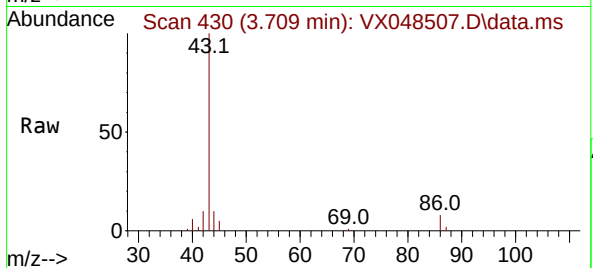




#23
 Vinyl Acetate
 Concen: 4.983 ug/l
 RT: 3.709 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX048507.D
 Acq: 06 Nov 2025 09:13

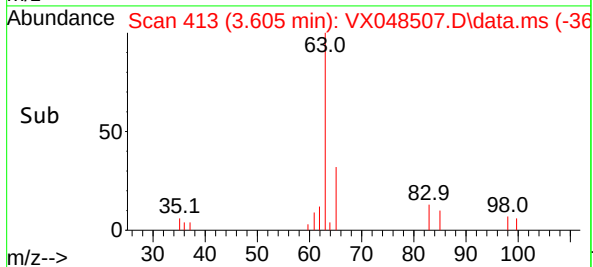
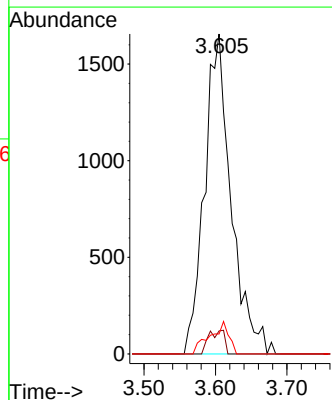
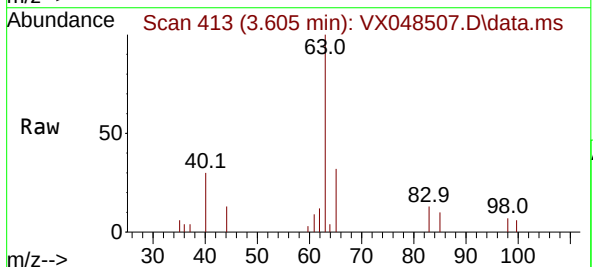
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

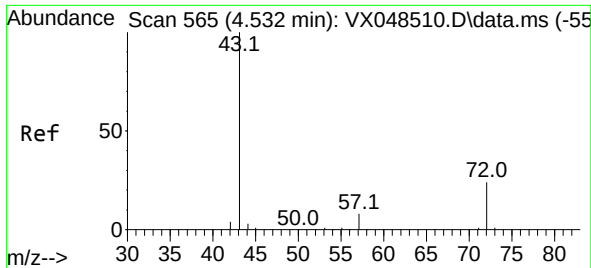
Tgt Ion: 43 Resp: 25224
 Ion Ratio Lower Upper
 43 100
 86 7.8 7.9 11.9#



#24
 1,1-Dichloroethane
 Concen: 1.013 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048507.D
 Acq: 06 Nov 2025 09:13

Tgt Ion: 63 Resp: 4279
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 6.2 2.1 6.3

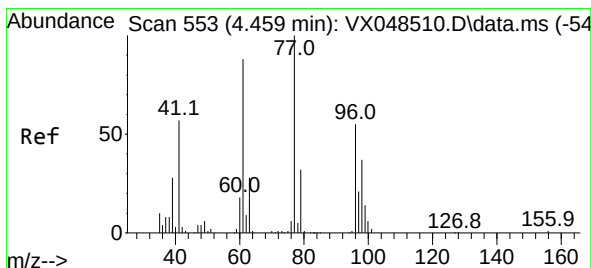
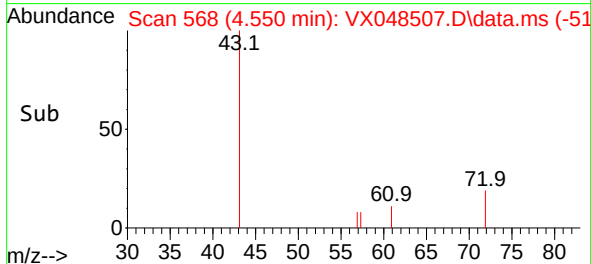
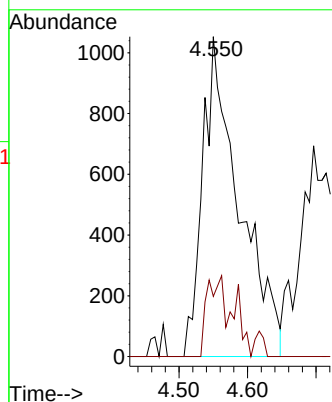
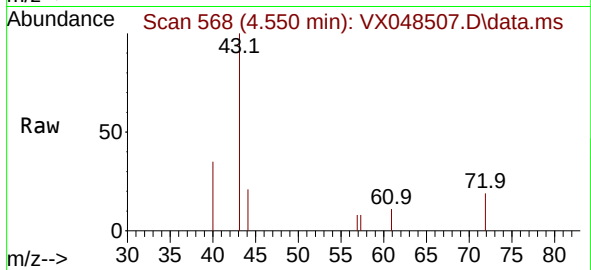




#25
2-Butanone
Concen: 4.090 ug/l
RT: 4.550 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

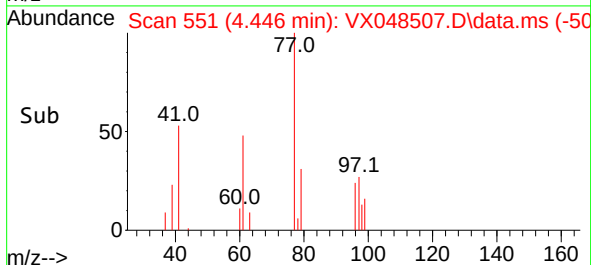
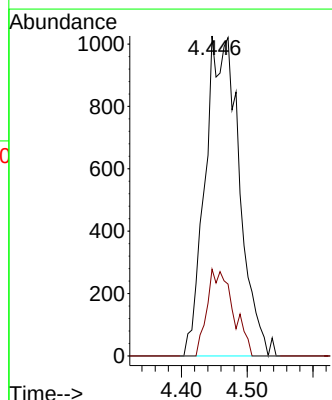
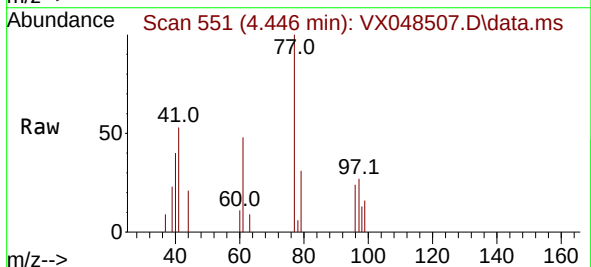
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

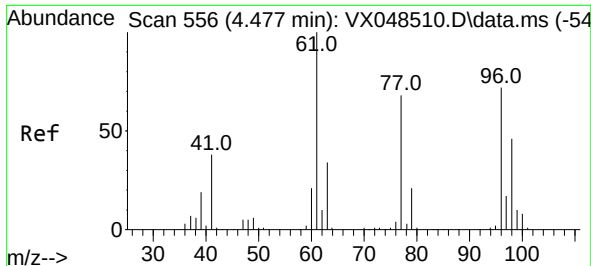
Tgt Ion: 43 Resp: 3908
Ion Ratio Lower Upper
43 100
72 18.8 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 1.024 ug/l
RT: 4.446 min Scan# 551
Delta R.T. -0.024 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 77 Resp: 3709
Ion Ratio Lower Upper
77 100
97 20.6 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 0.961 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

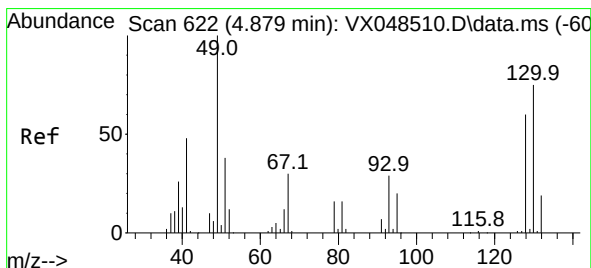
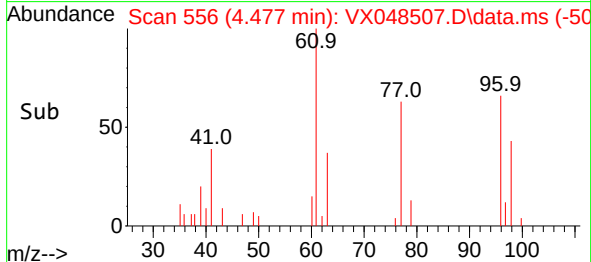
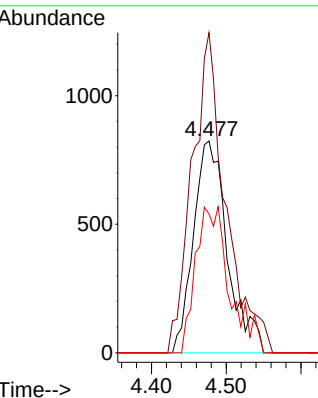
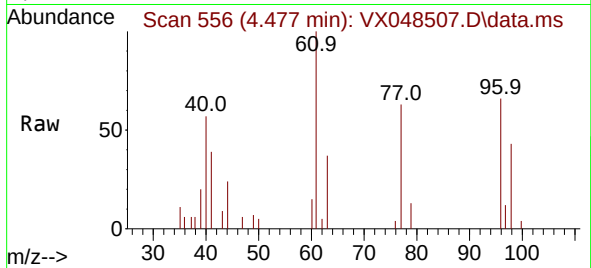
Tgt Ion: 96 Resp: 2599

Ion Ratio Lower Upper

96 100

61 149.4 0.0 294.2

98 68.7 0.0 128.4



#28

Bromochloromethane

Concen: 0.965 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

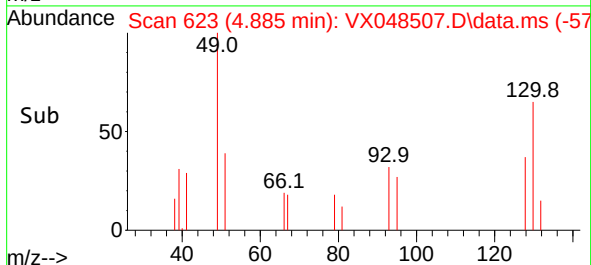
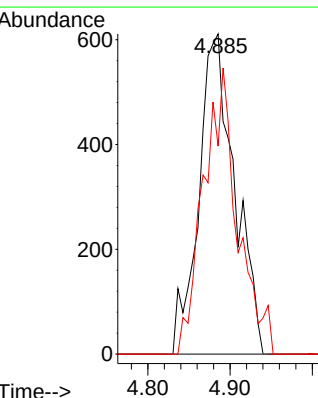
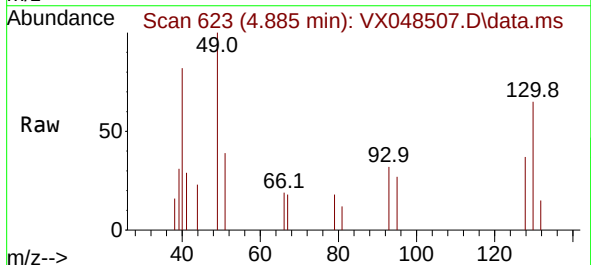
Tgt Ion: 49 Resp: 1861

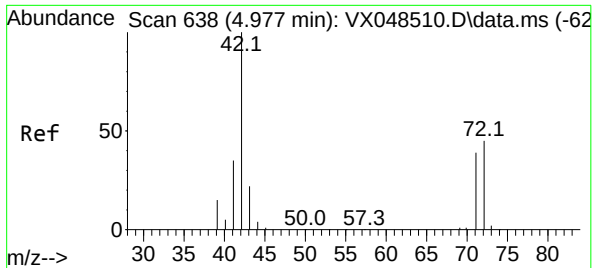
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 84.4 59.3 88.9





#29

Tetrahydrofuran

Concen: 1.568 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

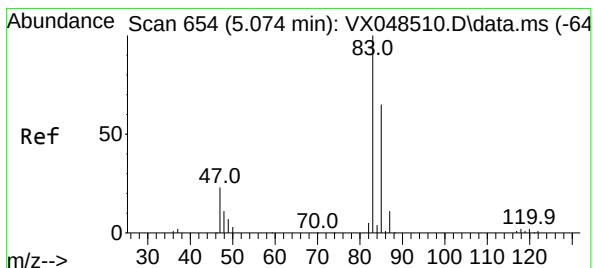
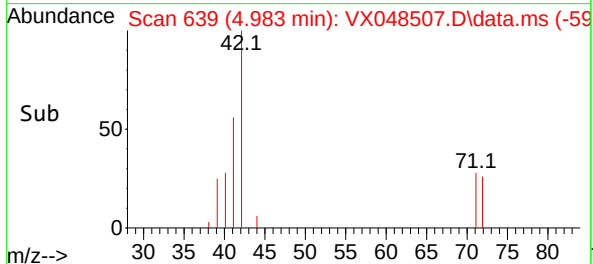
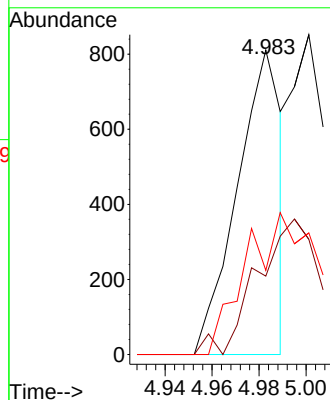
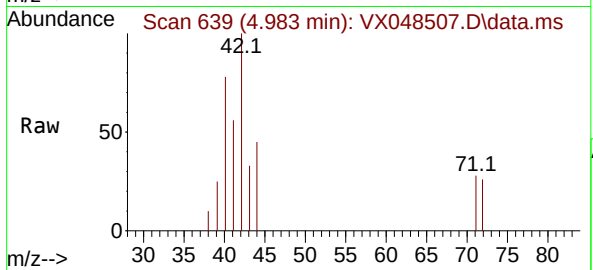
Tgt Ion: 42 Resp: 1065

Ion Ratio Lower Upper

42 100

72 59.3 35.3 52.9#

71 105.0 32.2 48.4#



#30

Chloroform

Concen: 0.942 ug/l

RT: 5.068 min Scan# 653

Delta R.T. -0.012 min

Lab File: VX048507.D

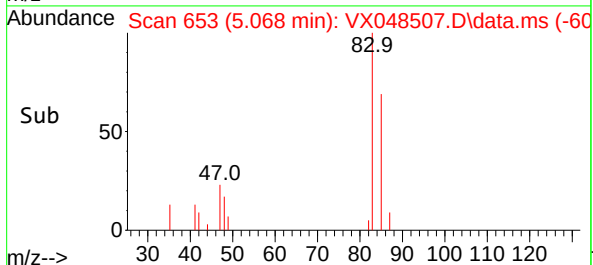
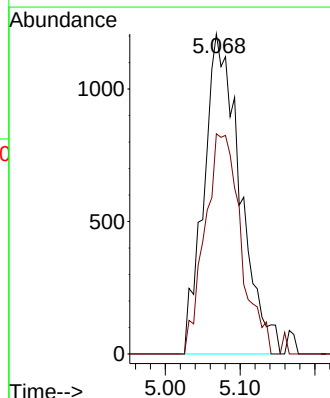
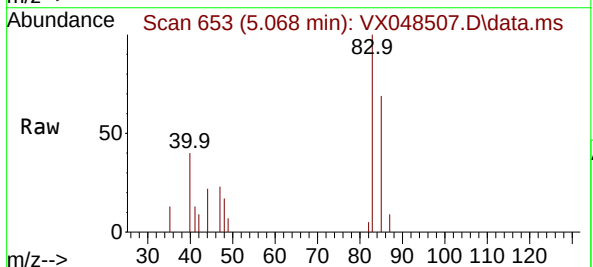
Acq: 06 Nov 2025 09:13

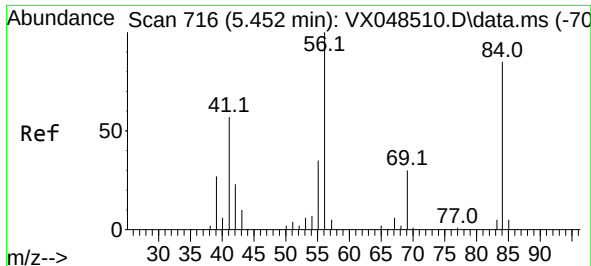
Tgt Ion: 83 Resp: 4070

Ion Ratio Lower Upper

83 100

85 68.8 50.1 75.1

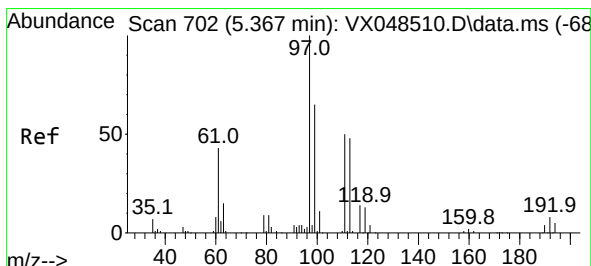
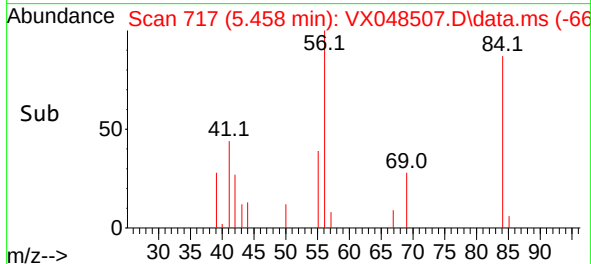
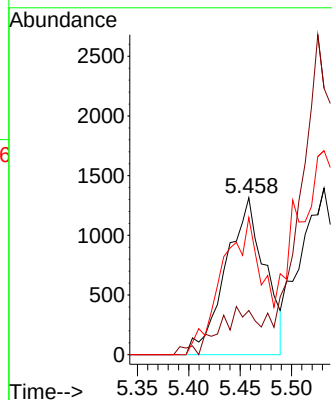
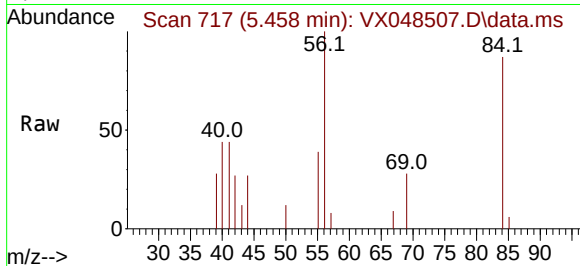




#31
Cyclohexane
Concen: 0.959 ug/l
RT: 5.458 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

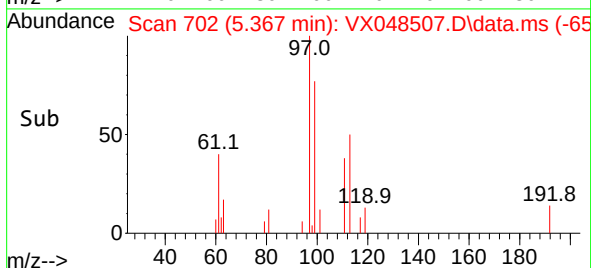
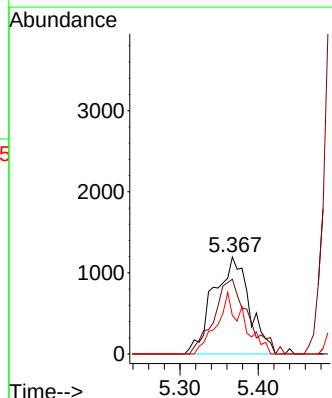
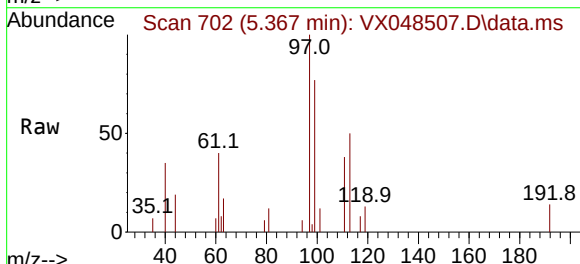
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

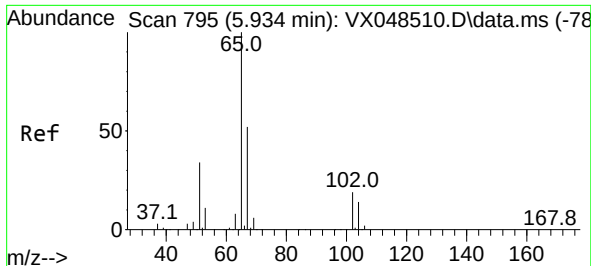
Tgt Ion: 56	Resp: 3476
Ion Ratio	Lower Upper
56 100	
69 23.0	23.0 34.6
84 87.4	64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 0.994 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 97	Resp: 3790		
Ion Ratio	Lower	Upper	
97 100			
99 0.0	51.7	77.5#	
61 47.3	34.8	52.2	





#33

1,2-Dichloroethane-d4

Concen: 1.064 ug/l

RT: 5.940 min Scan# 795

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

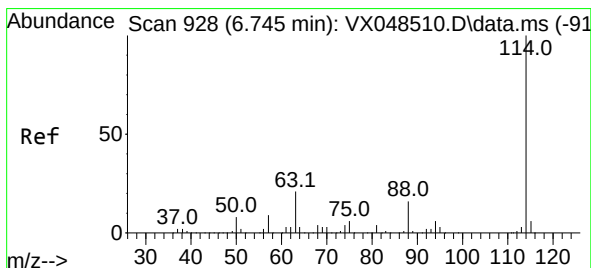
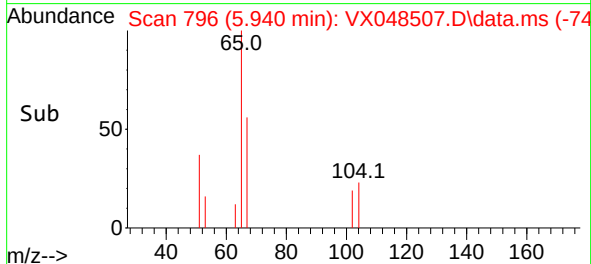
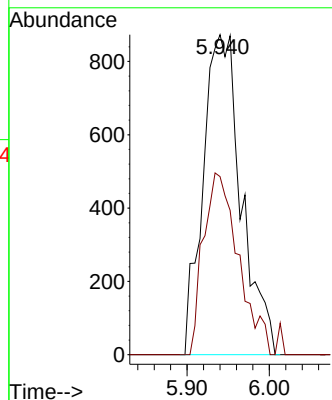
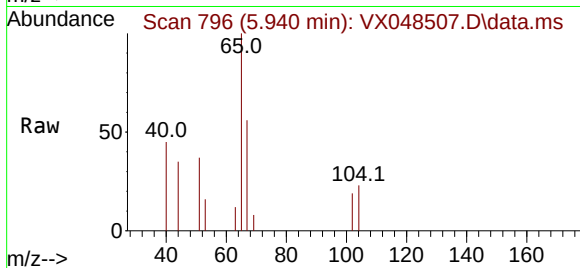
VSTDIC001

Tgt Ion: 65 Resp: 2830

Ion Ratio Lower Upper

65 100

67 51.9 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: VX048507.D

Acq: 06 Nov 2025 09:13

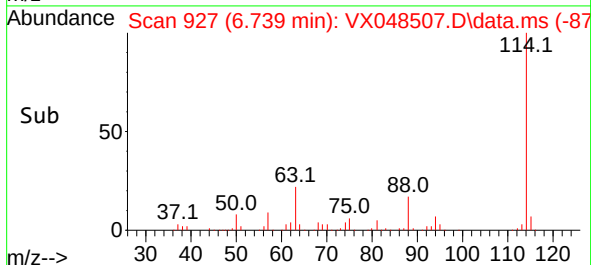
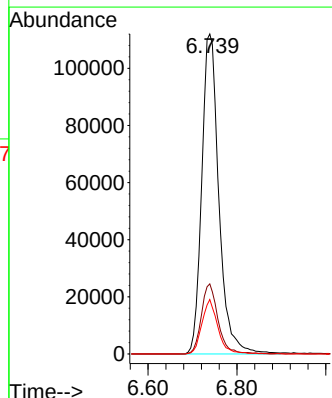
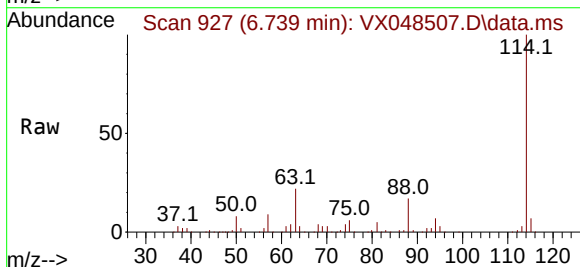
Tgt Ion: 114 Resp: 300986

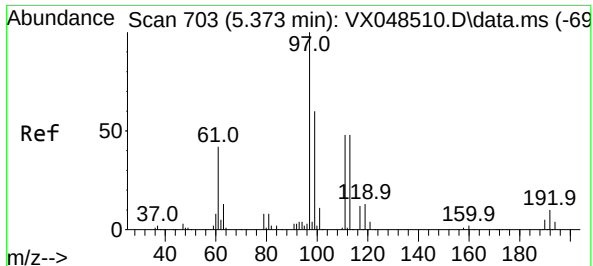
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

88 17.0 0.0 33.6

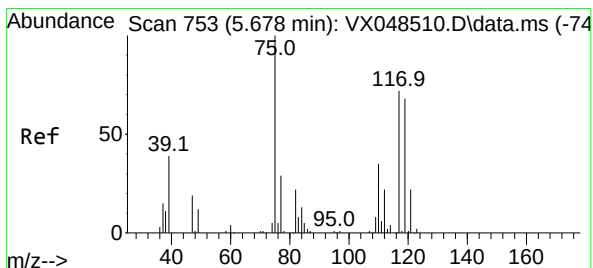
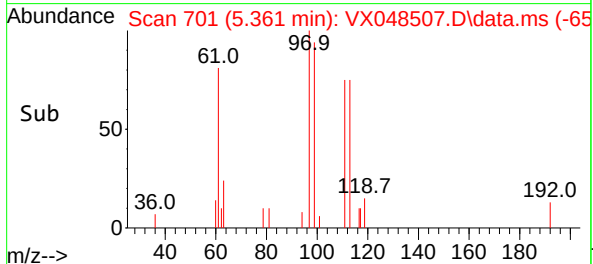
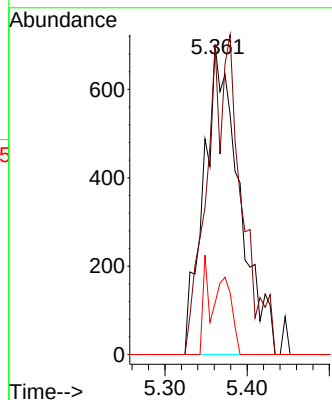
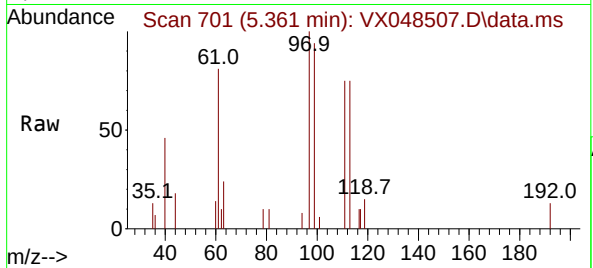




#35
 Dibromofluoromethane
 Concen: 1.232 ug/l
 RT: 5.361 min Scan# 703
 Delta R.T. -0.012 min
 Lab File: VX048507.D
 Acq: 06 Nov 2025 09:13

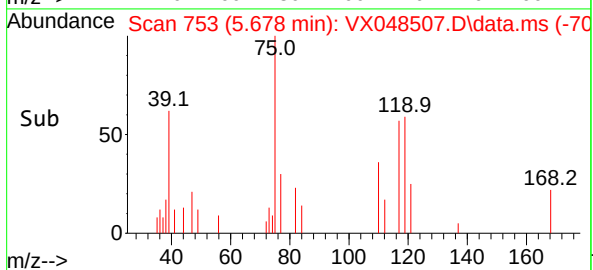
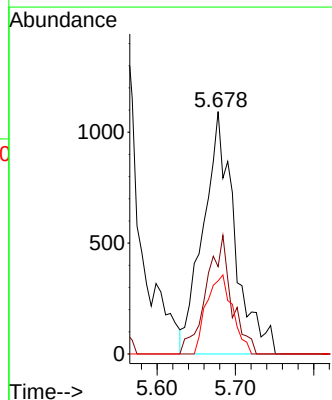
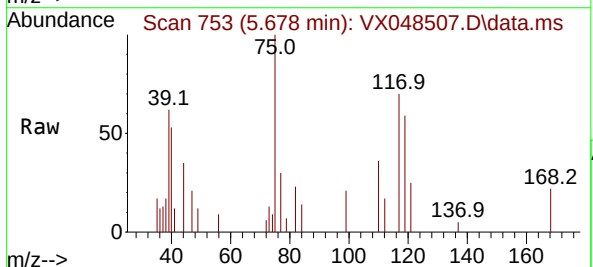
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

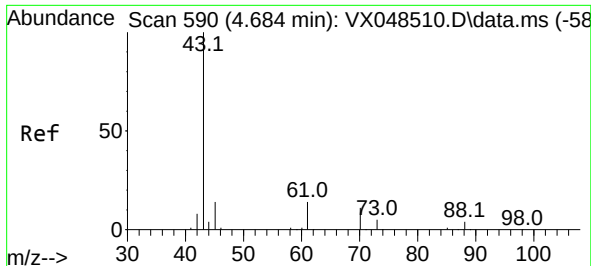
Tgt Ion:113 Resp: 2111
 Ion Ratio Lower Upper
 113 100
 111 43.5 82.2 123.4#
 192 9.3 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 1.064 ug/l
 RT: 5.678 min Scan# 753
 Delta R.T. -0.006 min
 Lab File: VX048507.D
 Acq: 06 Nov 2025 09:13

Tgt Ion: 75 Resp: 3044
 Ion Ratio Lower Upper
 75 100
 110 39.5 17.7 53.1
 77 26.9 24.3 36.5





#37

Ethyl Acetate

Concen: 0.825 ug/l

RT: 4.696 min Scan# 590

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

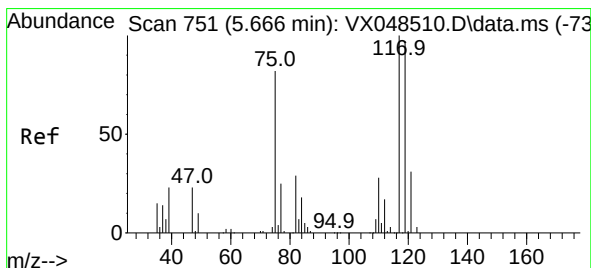
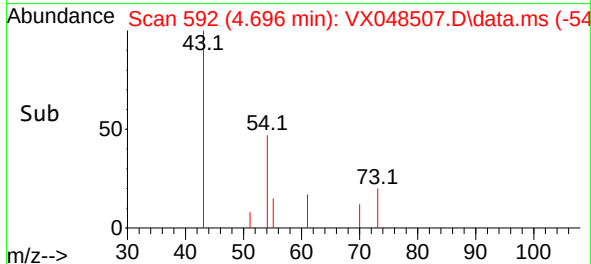
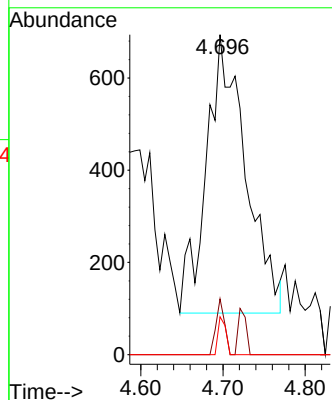
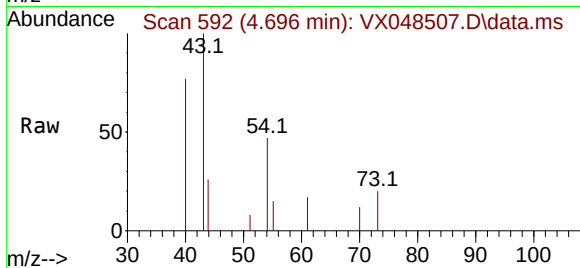
Tgt Ion: 43 Resp: 2009

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 2.6 7.8 11.6#



#38

Carbon Tetrachloride

Concen: 1.130 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

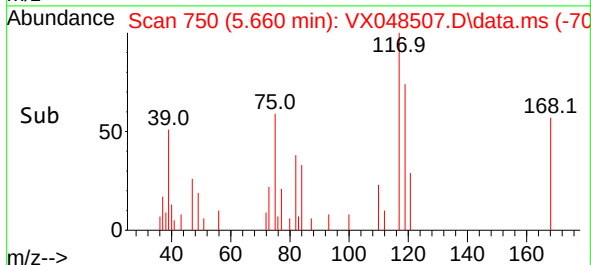
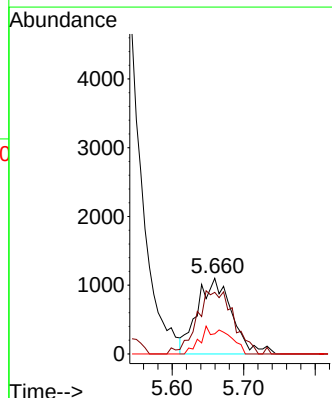
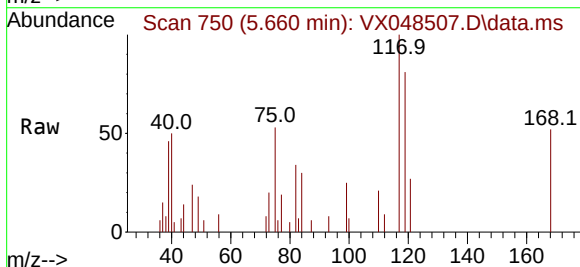
Tgt Ion: 117 Resp: 3704

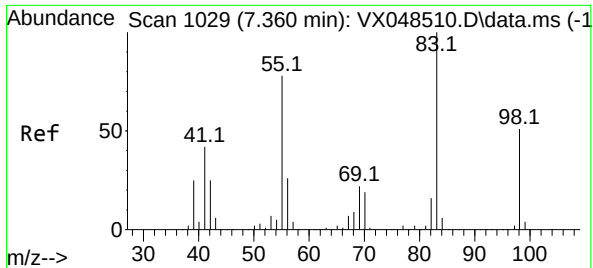
Ion Ratio Lower Upper

117 100

119 81.4 77.2 115.8

121 26.7 24.8 37.2

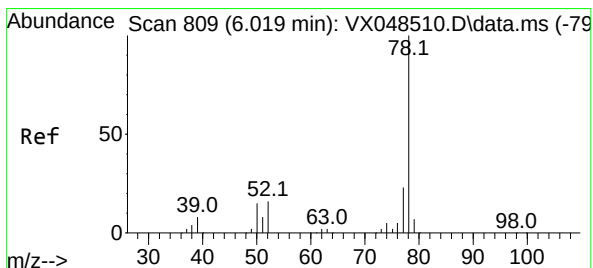
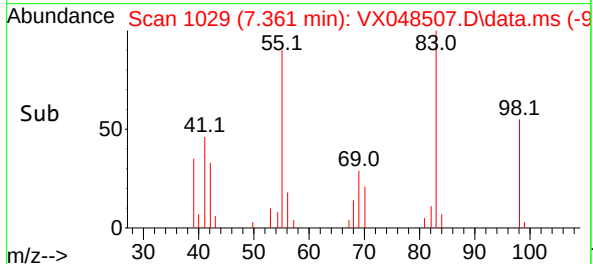
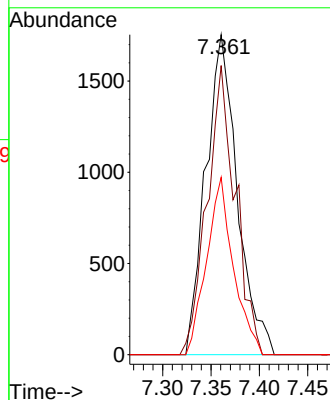
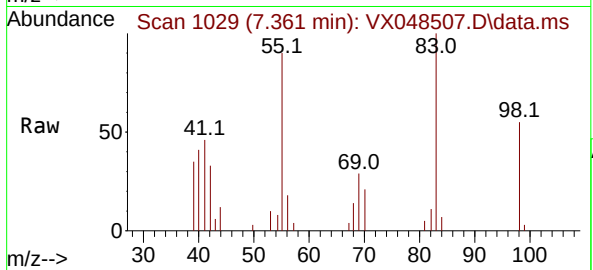




#39
Methylcyclohexane
Concen: 1.094 ug/l
RT: 7.361 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

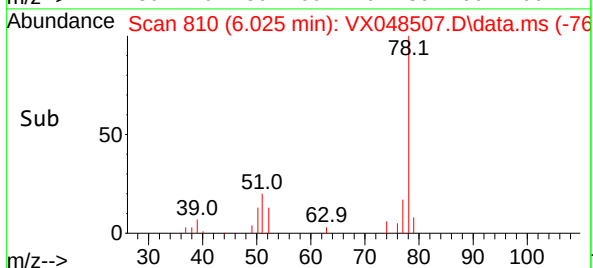
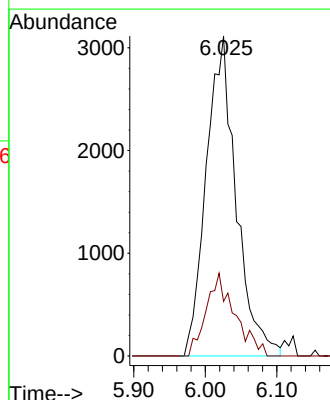
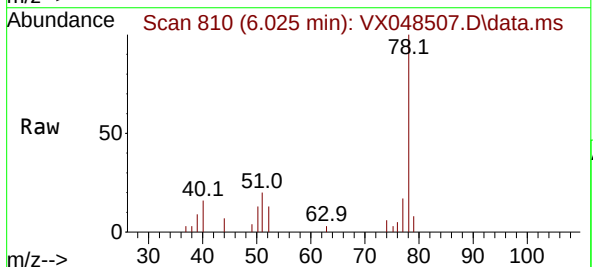
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

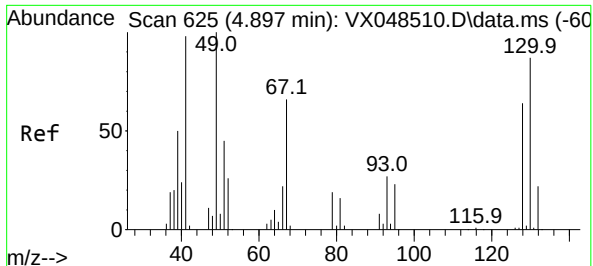
Tgt Ion: 83	Resp:	3974	
Ion	Ratio	Lower	Upper
83	100		
55	90.4	66.2	99.2
98	55.4	38.9	58.3



#40
Benzene
Concen: 1.038 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

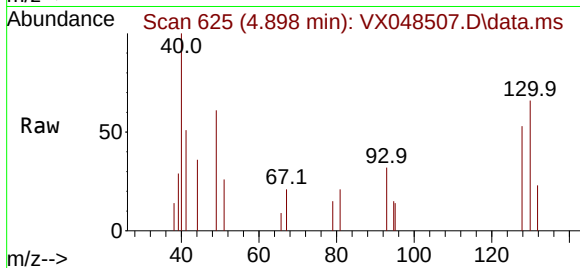
Tgt Ion: 78	Resp:	9056	
Ion	Ratio	Lower	Upper
78	100		
77	17.1	19.3	28.9#



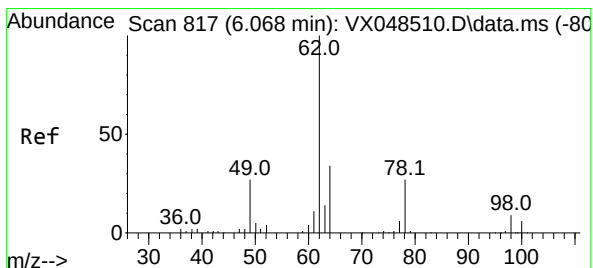
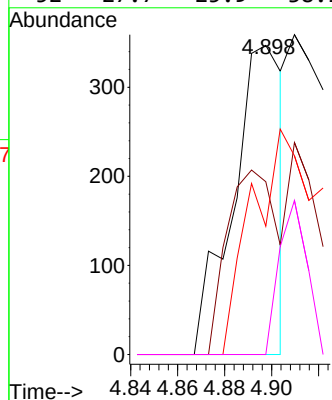


#41
Methacrylonitrile
Concen: 0.416 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

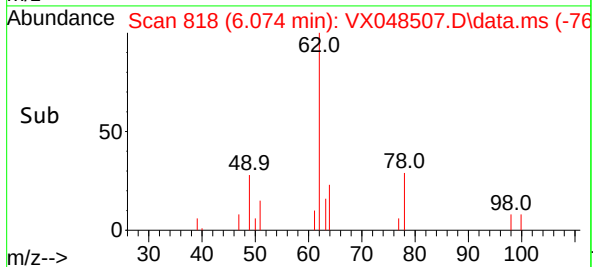
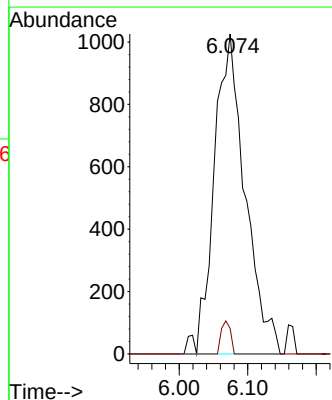
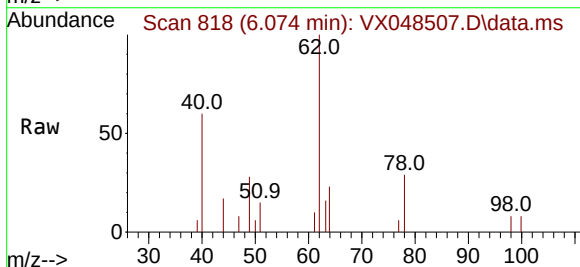


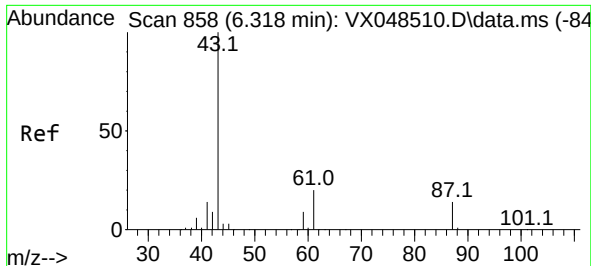
Tgt Ion: 41	Resp: 513
Ion Ratio	Lower Upper
41 100	
39 59.3	44.0 66.0
67 136.3	58.7 88.1#
52 27.7	25.9 38.9



#42
1,2-Dichloroethane
Concen: 1.045 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 62	Resp: 3222
Ion Ratio	Lower Upper
62 100	
98 3.1	0.0 17.2

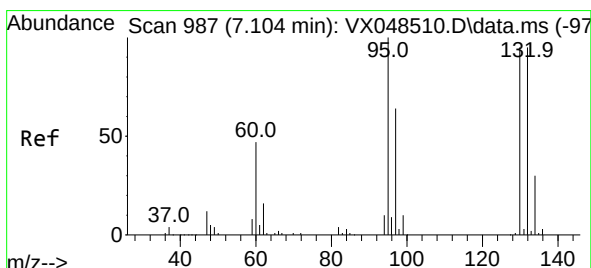
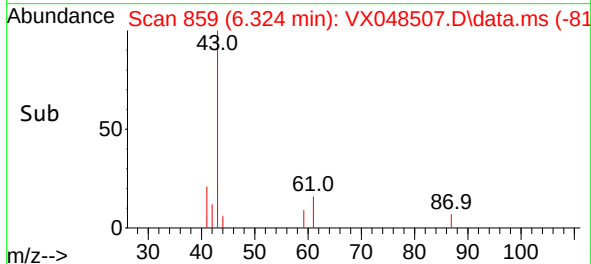
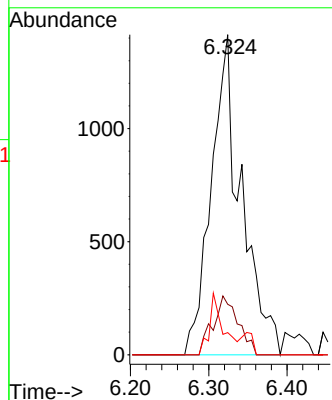
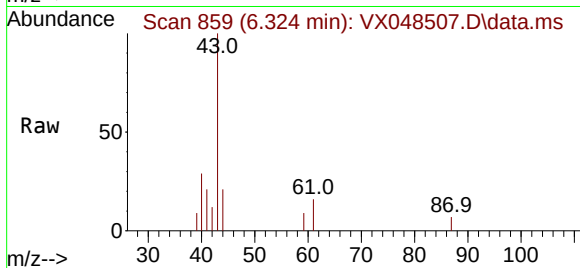




#43
Isopropyl Acetate
Concen: 0.936 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

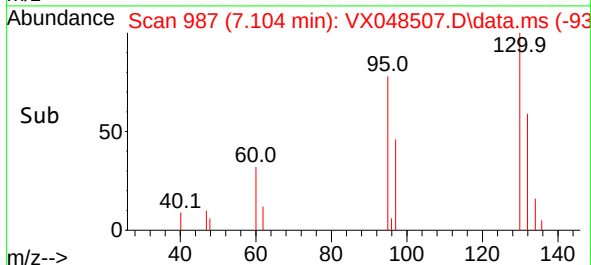
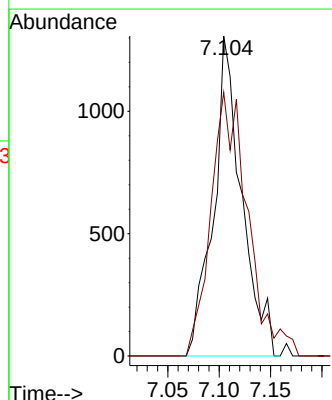
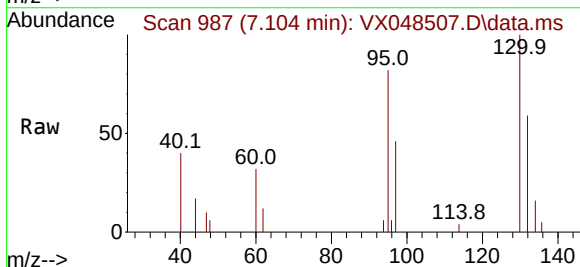
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

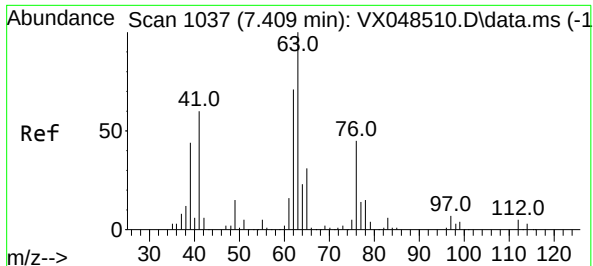
Tgt Ion: 43 Resp: 3771
Ion Ratio Lower Upper
43 100
61 15.4 14.9 22.3
87 8.9 9.4 14.2#



#44
Trichloroethene
Concen: 1.092 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 130 Resp: 2487
Ion Ratio Lower Upper
130 100
95 82.4 0.0 200.6

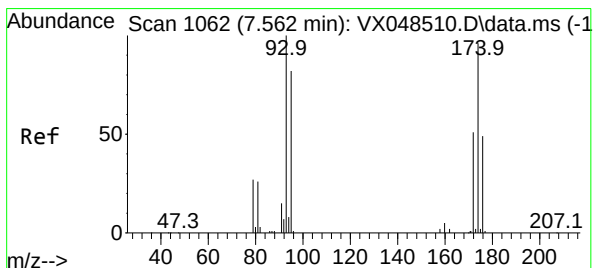
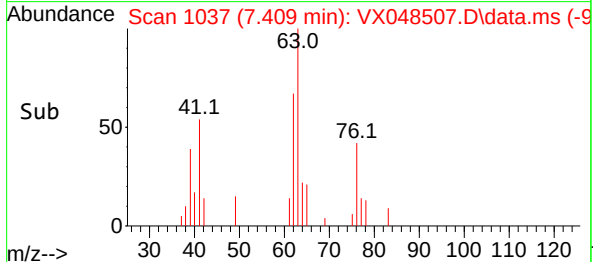
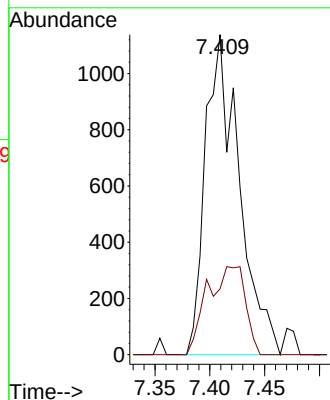
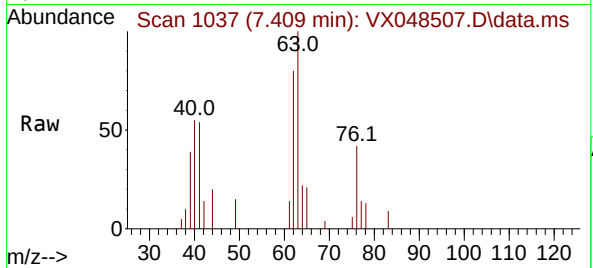




#45
1,2-Dichloropropane
Concen: 1.115 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

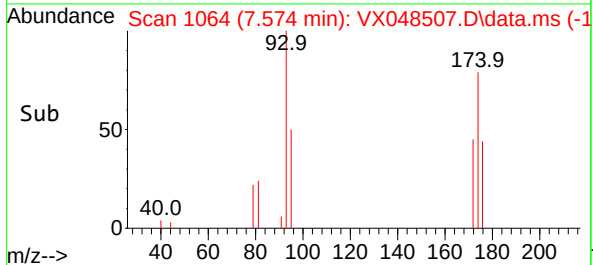
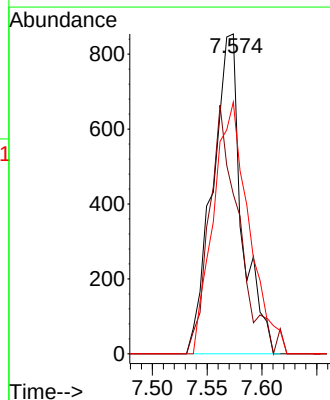
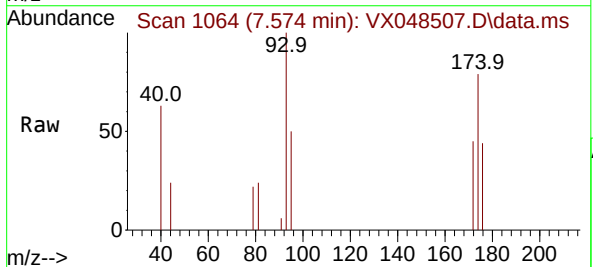
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

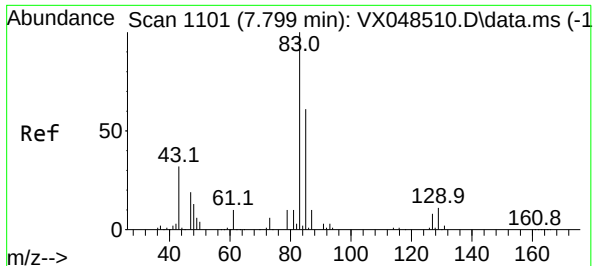
Tgt Ion: 63 Resp: 2435
Ion Ratio Lower Upper
63 100
65 20.6 24.1 36.1#



#46
Dibromomethane
Concen: 1.058 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 93 Resp: 1608
Ion Ratio Lower Upper
93 100
95 78.5 65.9 98.9
174 94.4 71.7 107.5

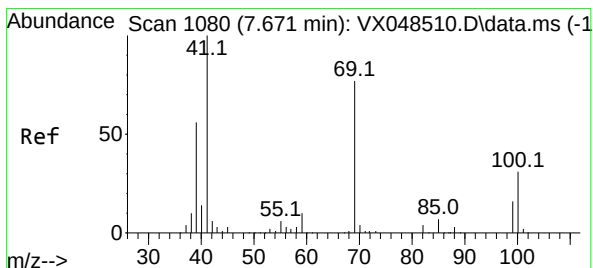
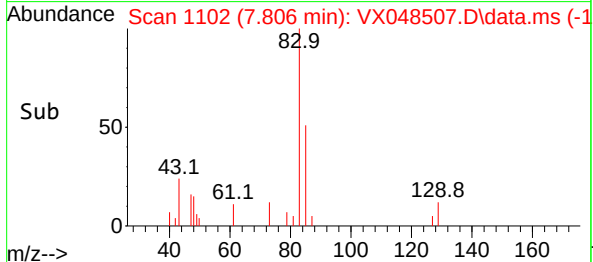
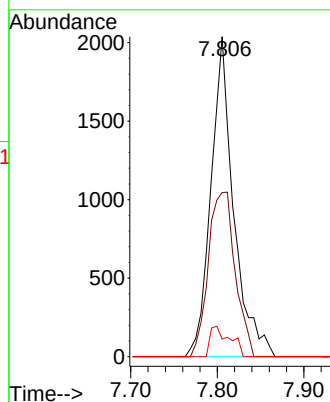
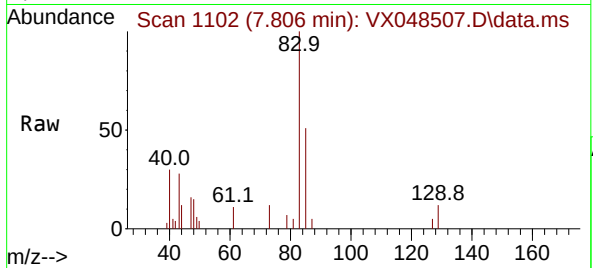




#47
Bromodichloromethane
Concen: 1.141 ug/l
RT: 7.806 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

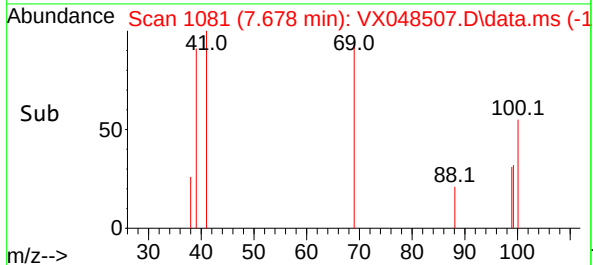
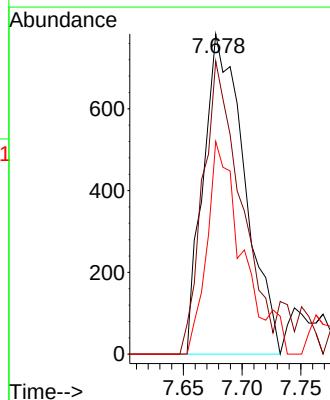
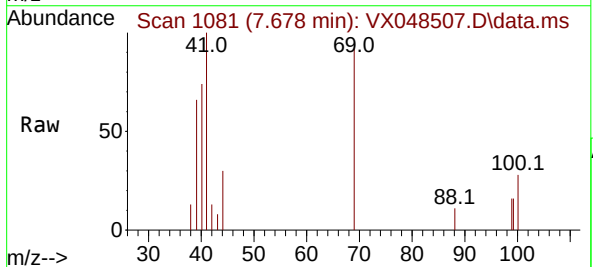
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

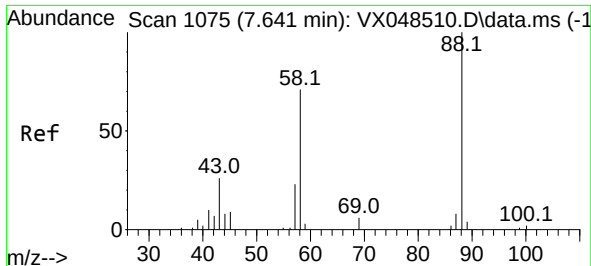
Tgt Ion: 83 Resp: 3712
Ion Ratio Lower Upper
83 100
85 51.3 52.2 78.4#
127 5.5 7.3 10.9#



#48
Methyl methacrylate
Concen: 0.968 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 41 Resp: 1910
Ion Ratio Lower Upper
41 100
69 84.3 63.4 95.0
39 57.6 47.1 70.7





#49

1,4-Dioxane

Concen: 19.086 ug/l

RT: 7.647 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

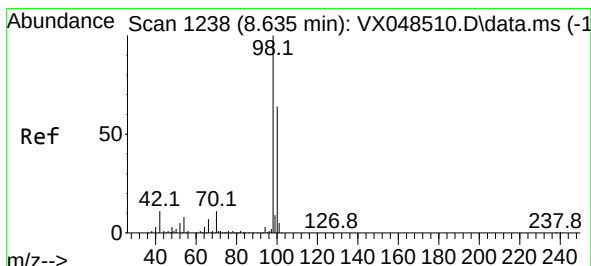
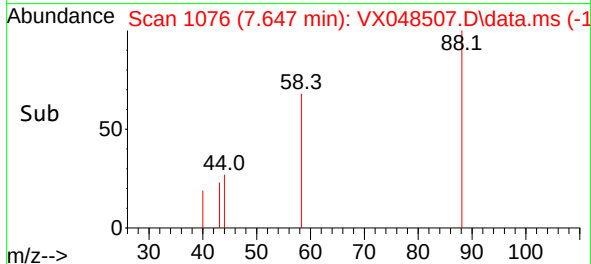
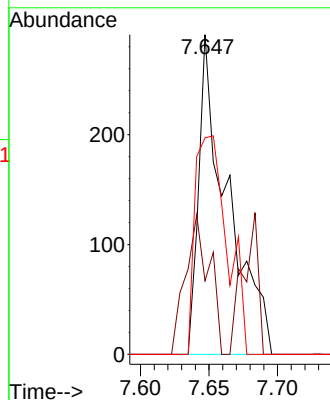
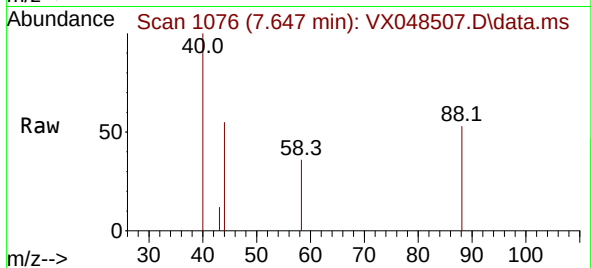
Tgt Ion: 88 Resp: 424

Ion Ratio Lower Upper

88 100

43 36.3 35.0 52.4

58 76.2 61.9 92.9



#50

Toluene-d8

Concen: 1.259 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048507.D

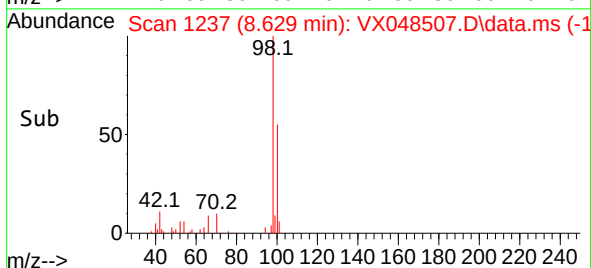
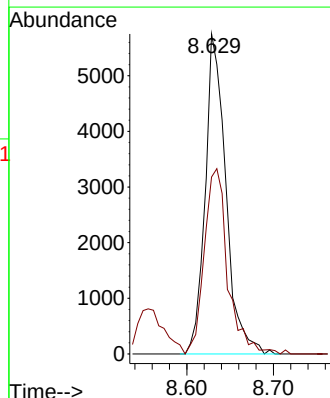
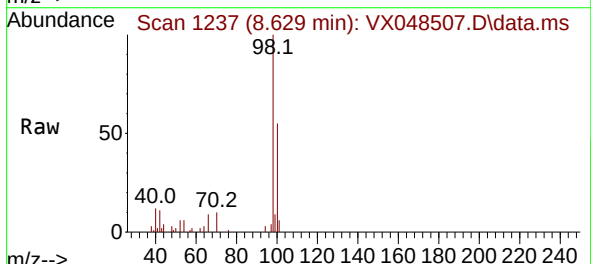
Acq: 06 Nov 2025 09:13

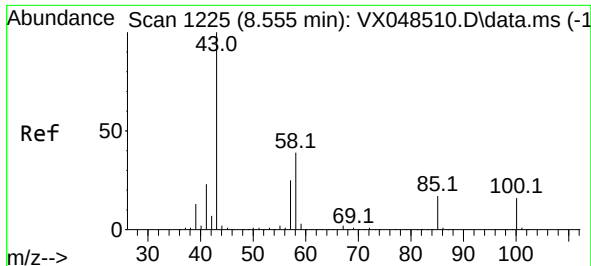
Tgt Ion: 98 Resp: 9549

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4

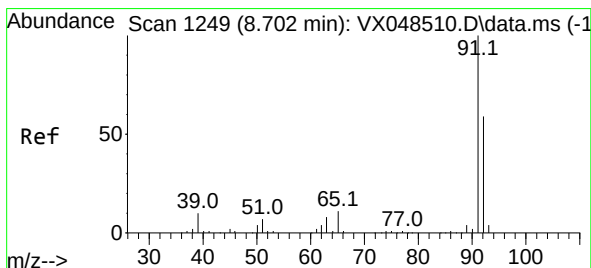
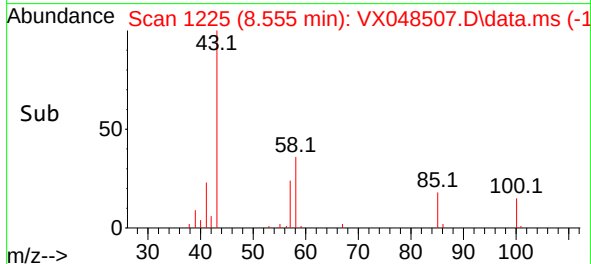
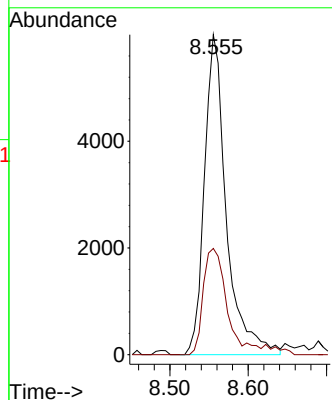
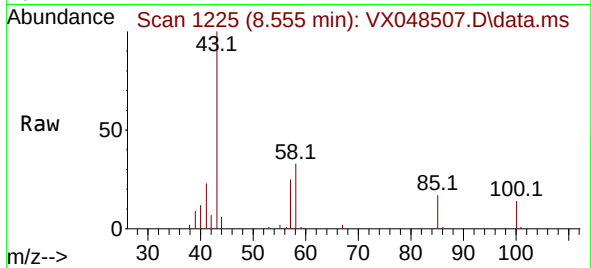




#51
4-Methyl-2-Pentanone
Concen: 5.199 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

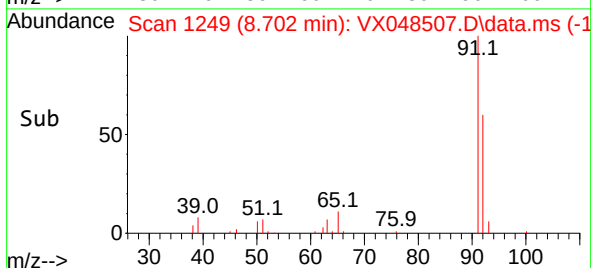
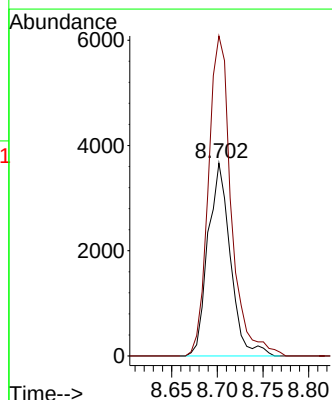
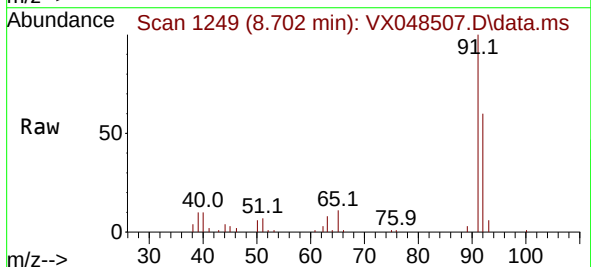
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

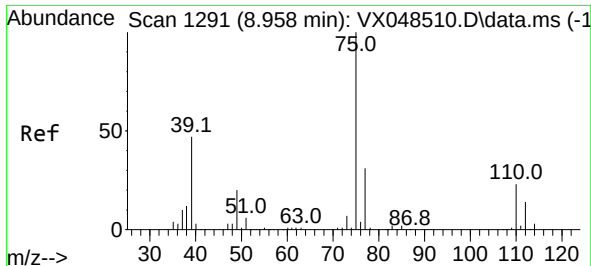
Tgt Ion: 43 Resp: 11647
Ion Ratio Lower Upper
43 100
58 35.8 29.5 44.3



#52
Toluene
Concen: 1.149 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 92 Resp: 6247
Ion Ratio Lower Upper
92 100
91 169.6 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 1.210 ug/l

RT: 8.964 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

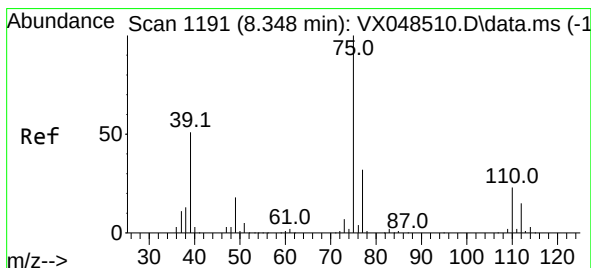
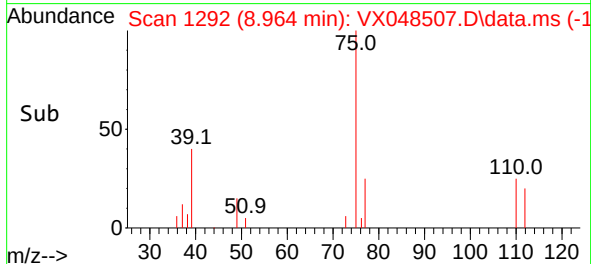
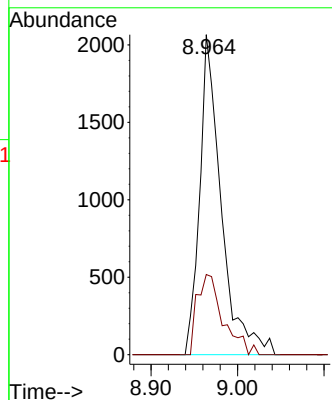
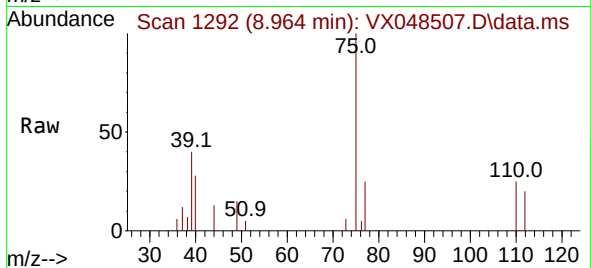
VSTDIC001

Tgt Ion: 75 Resp: 3568

Ion Ratio Lower Upper

75 100

77 25.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 1.219 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

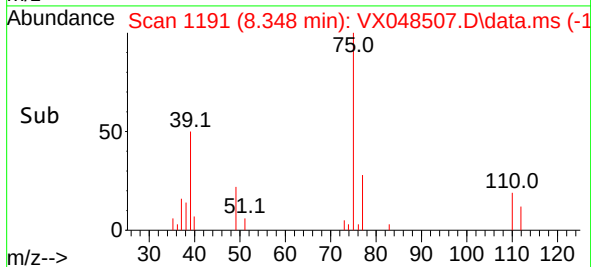
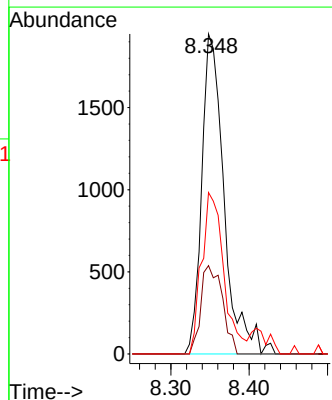
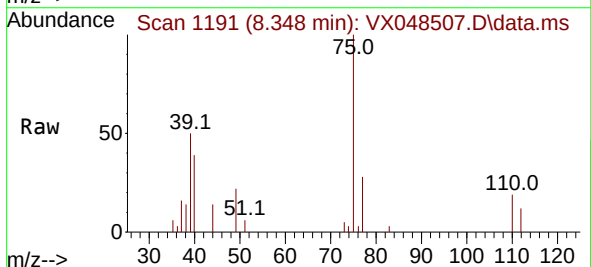
Tgt Ion: 75 Resp: 3864

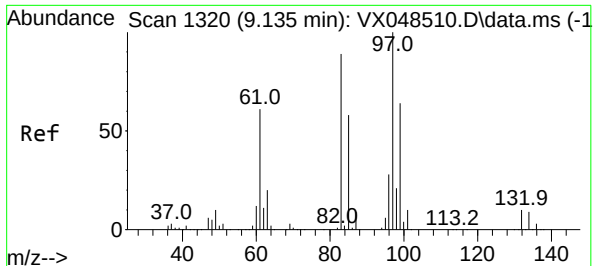
Ion Ratio Lower Upper

75 100

77 27.6 24.9 37.3

39 50.5 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 1.059 ug/l

RT: 9.135 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 2095

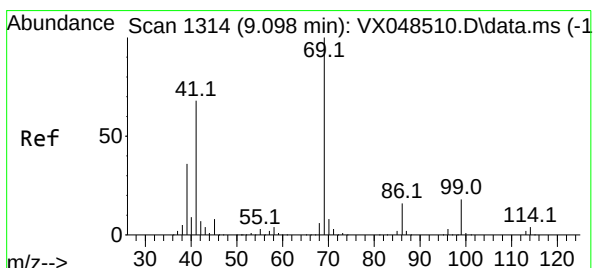
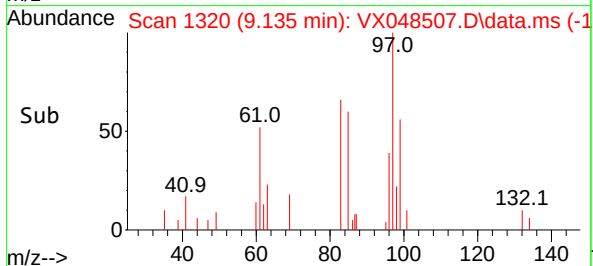
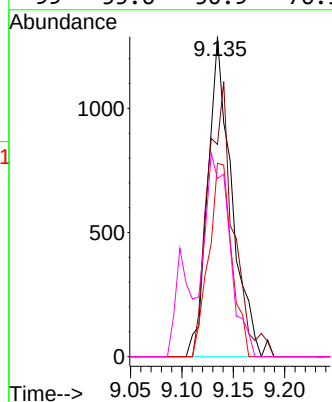
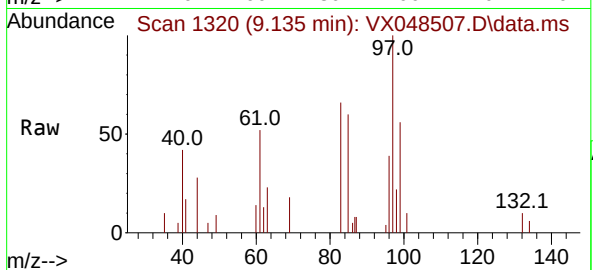
Ion Ratio Lower Upper

97 100

83 66.3 70.6 105.8#

85 60.4 45.0 67.6

99 55.6 50.9 76.3



#56

Ethyl methacrylate

Concen: 1.042 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

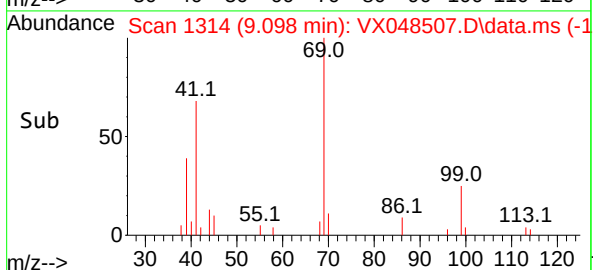
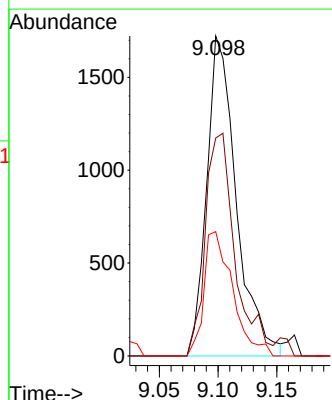
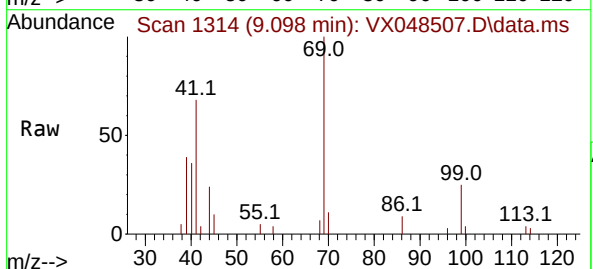
Tgt Ion: 69 Resp: 3020

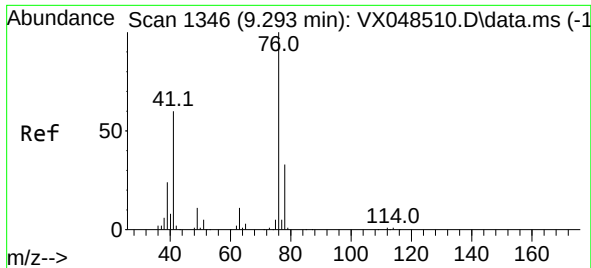
Ion Ratio Lower Upper

69 100

41 69.8 56.0 84.0

39 37.6 31.6 47.4

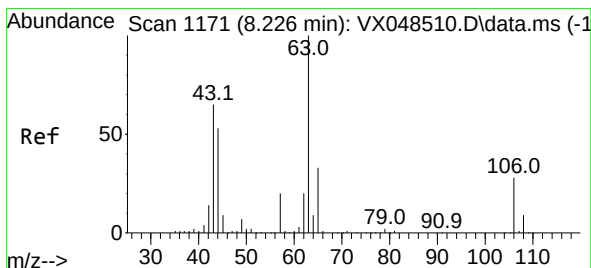
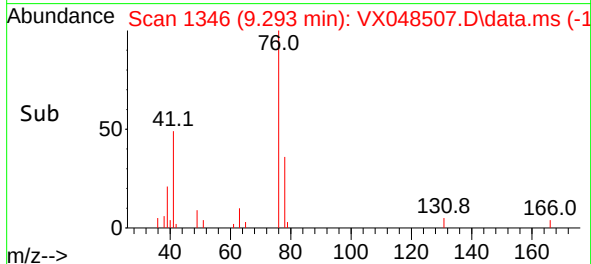
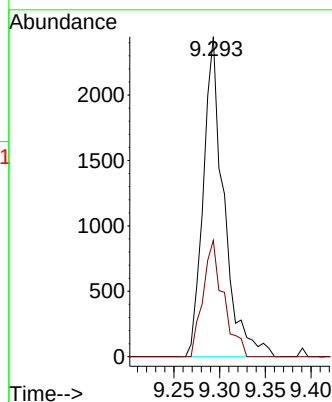
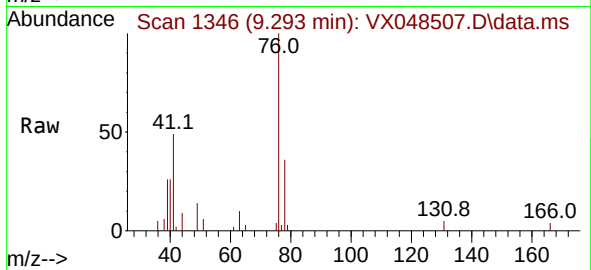




#57
1,3-Dichloropropane
Concen: 1.120 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

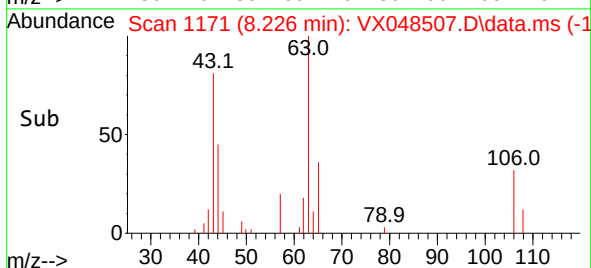
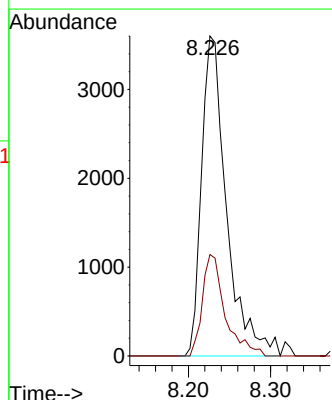
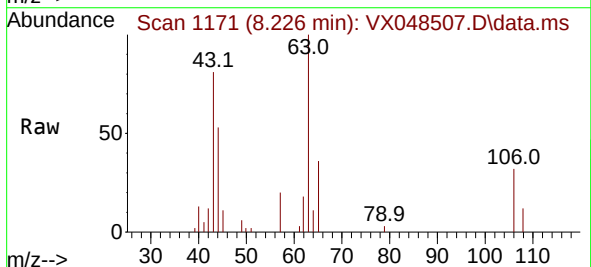
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

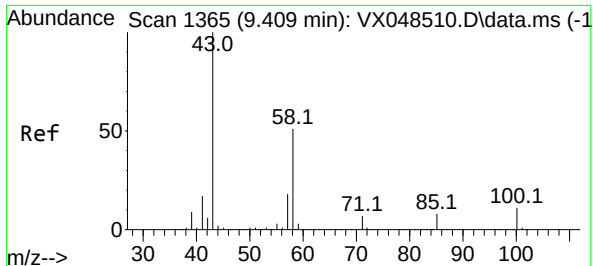
Tgt Ion: 76 Resp: 3832
Ion Ratio Lower Upper
76 100
78 36.0 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 5.019 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 63 Resp: 7621
Ion Ratio Lower Upper
63 100
106 28.7 22.2 33.2

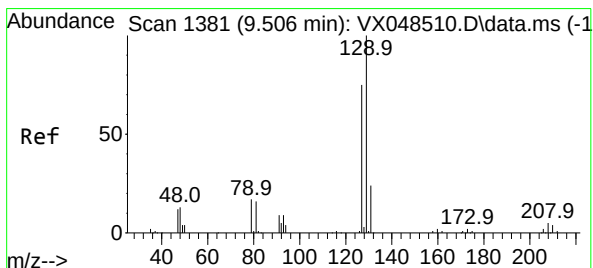
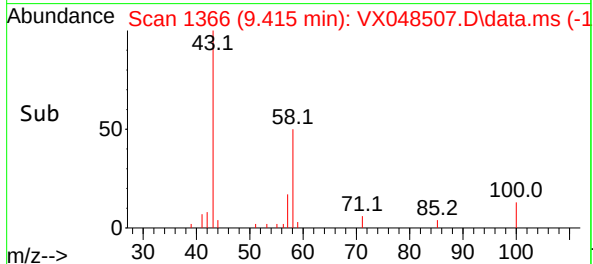
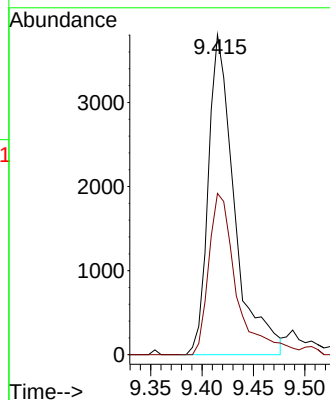
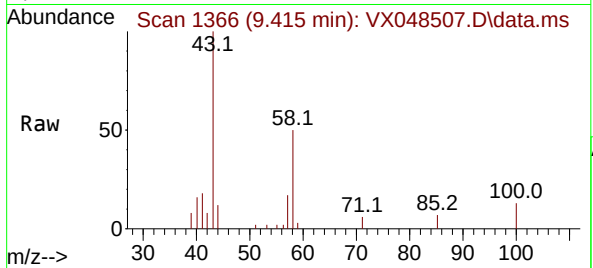




#59
2-Hexanone
Concen: 4.682 ug/l
RT: 9.415 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

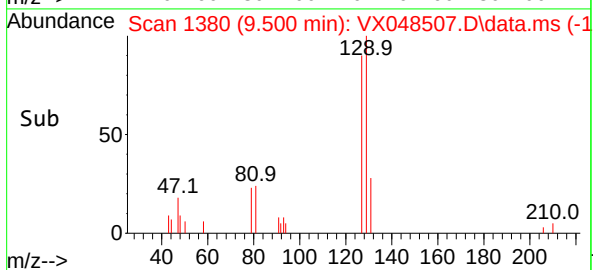
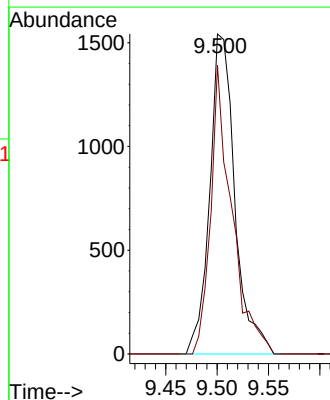
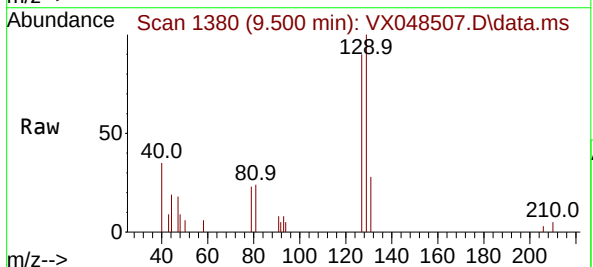
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

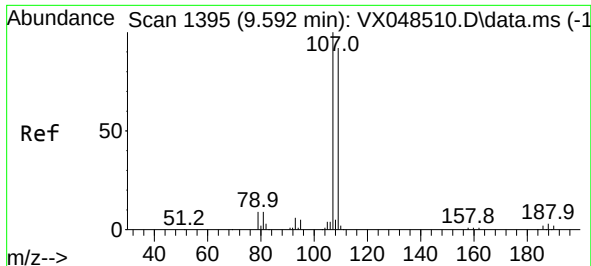
Tgt Ion: 43 Resp: 6745
Ion Ratio Lower Upper
43 100
58 53.3 26.3 78.8



#60
Dibromochloromethane
Concen: 1.079 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 129 Resp: 2621
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.7

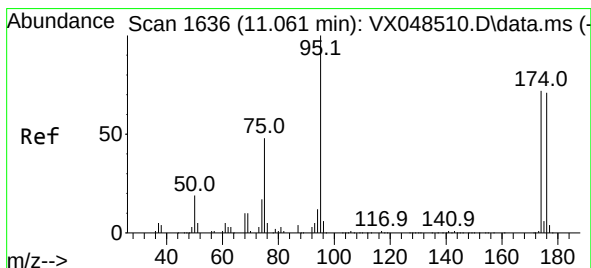
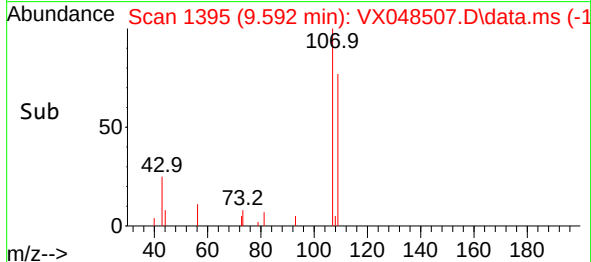
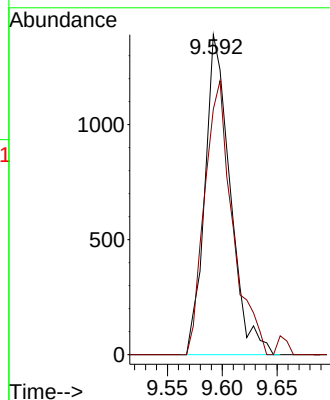
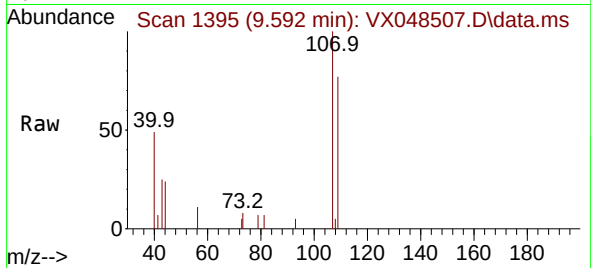




#61
1,2-Dibromoethane
Concen: 1.111 ug/l
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

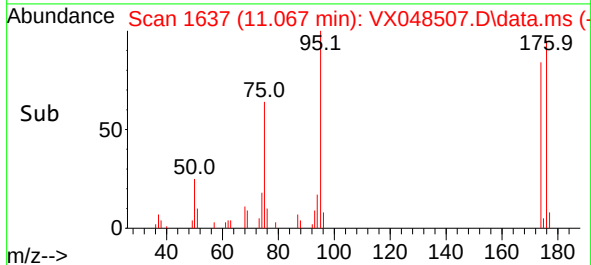
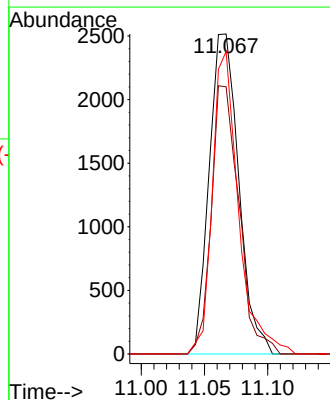
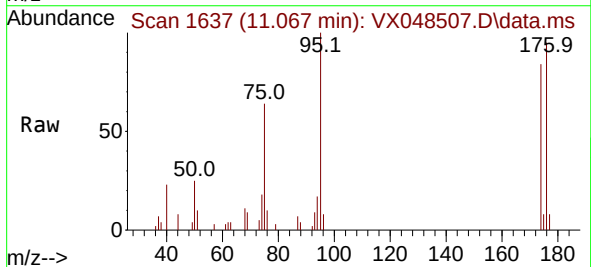
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

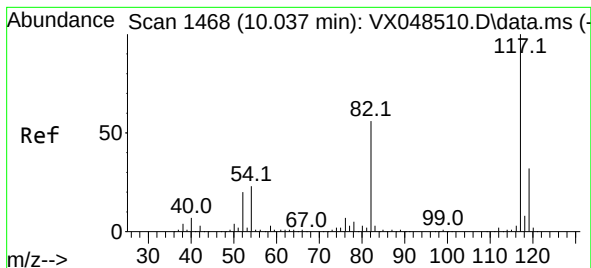
Tgt Ion:107 Resp: 2232
Ion Ratio Lower Upper
107 100
109 94.4 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 1.462 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 95 Resp: 4090
Ion Ratio Lower Upper
95 100
174 78.4 0.0 147.8
176 83.5 0.0 142.8

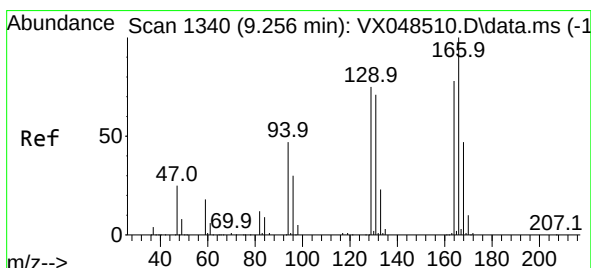
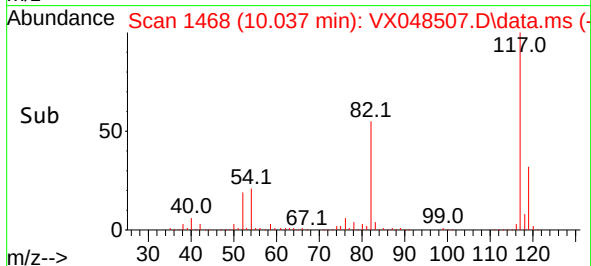
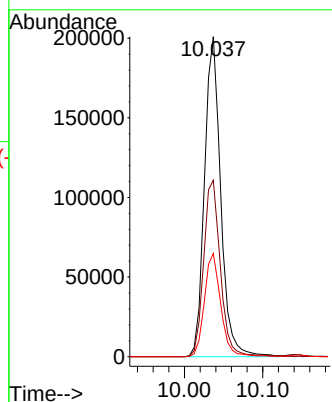
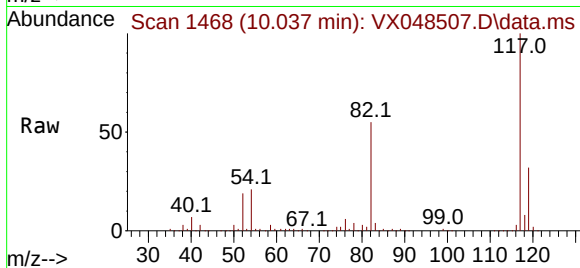




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

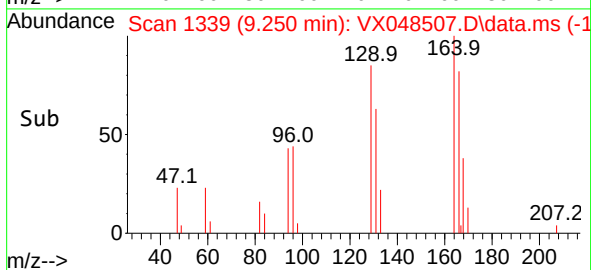
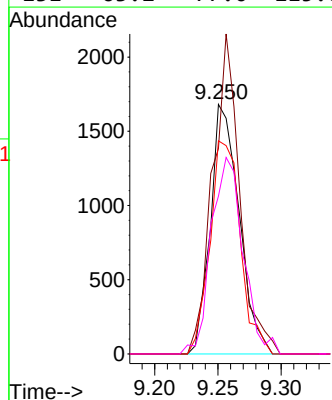
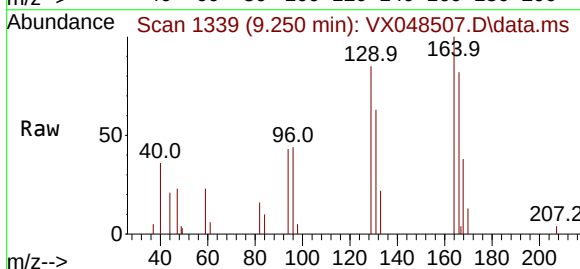
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

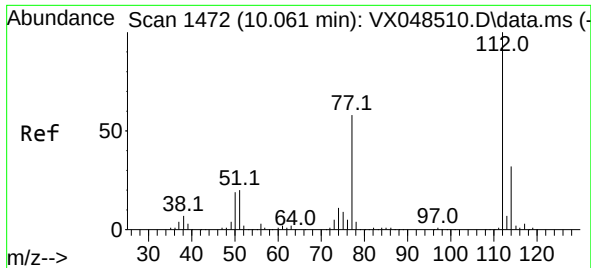
Tgt Ion:117 Resp: 289467
Ion Ratio Lower Upper
117 100
82 55.2 46.5 69.7
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 1.140 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion:164 Resp: 2666
Ion Ratio Lower Upper
164 100
166 82.3 104.5 156.7#
129 85.4 81.8 122.6
131 63.2 77.0 115.6#

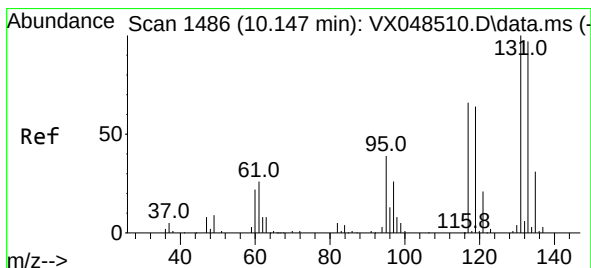
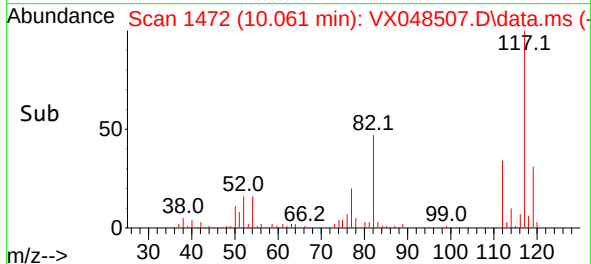
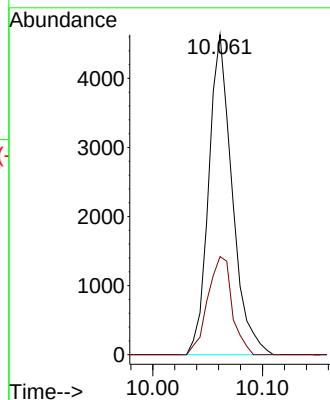
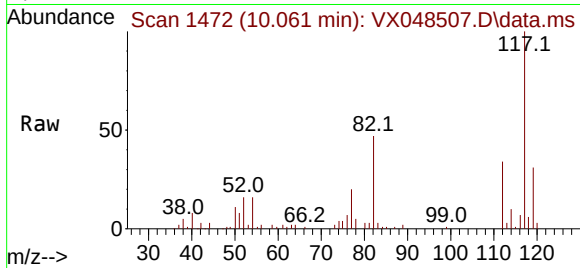




#65
Chlorobenzene
Concen: 1.040 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

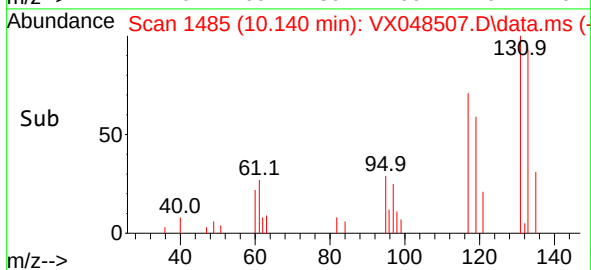
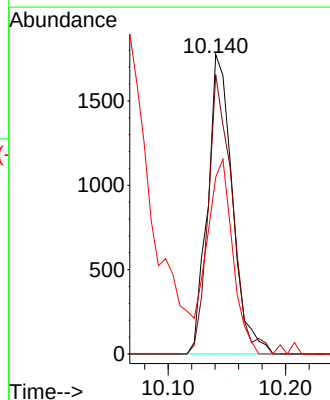
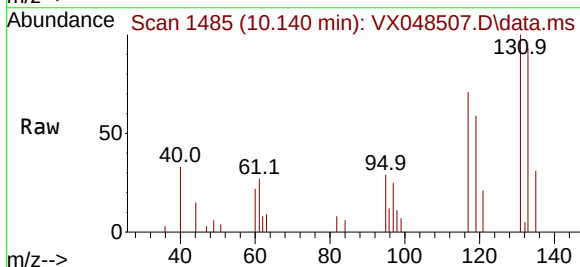
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

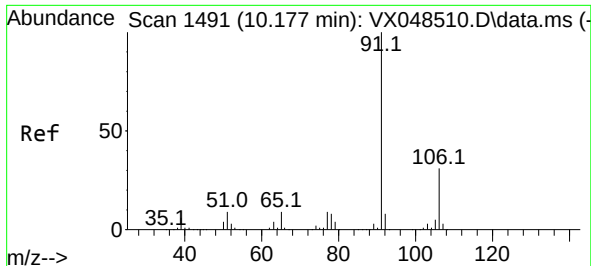
Tgt Ion:112 Resp: 6885
Ion Ratio Lower Upper
112 100
114 30.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 1.151 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion:131 Resp: 2603
Ion Ratio Lower Upper
131 100
133 90.0 47.6 142.8
119 0.0 32.5 97.5#





#67

Ethyl Benzene

Concen: 1.054 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

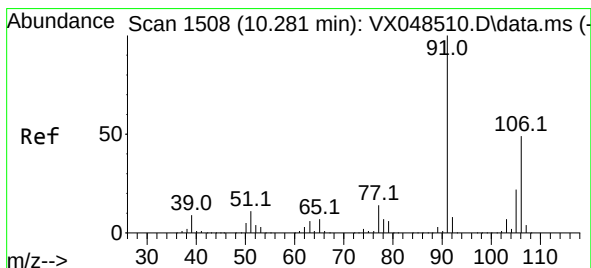
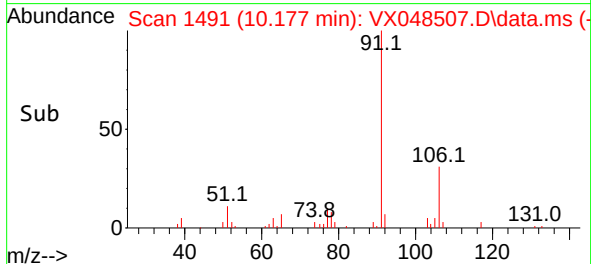
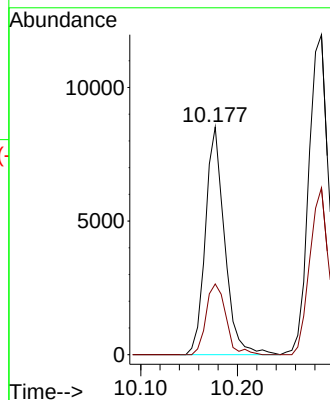
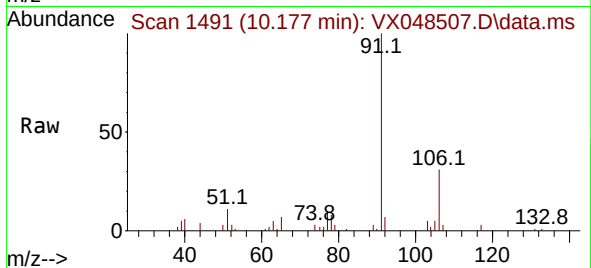
VSTDICC001

Tgt Ion: 91 Resp: 11807

Ion Ratio Lower Upper

91 100

106 31.1 23.8 35.6



#68

m/p-Xylenes

Concen: 2.064 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048507.D

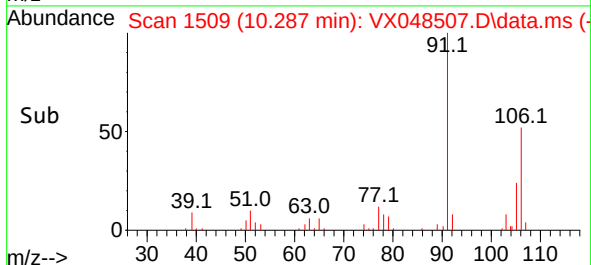
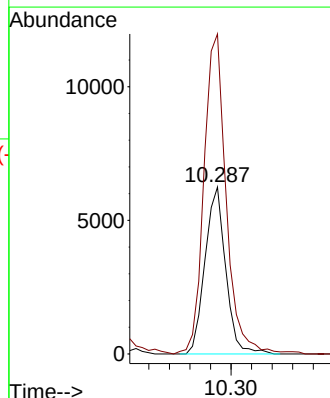
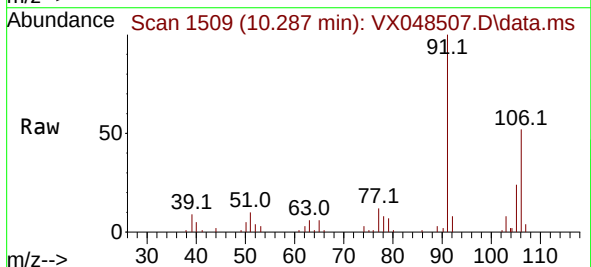
Acq: 06 Nov 2025 09:13

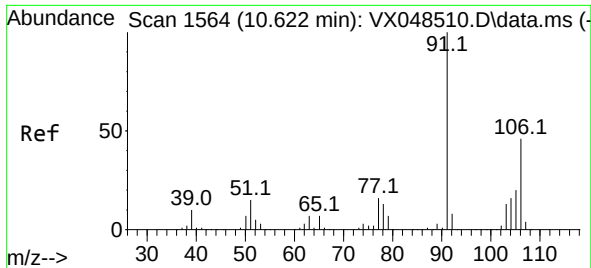
Tgt Ion:106 Resp: 8755

Ion Ratio Lower Upper

106 100

91 205.9 167.9 251.9

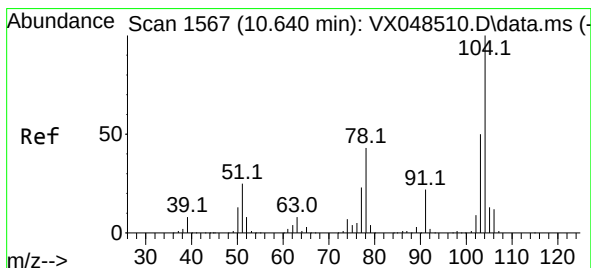
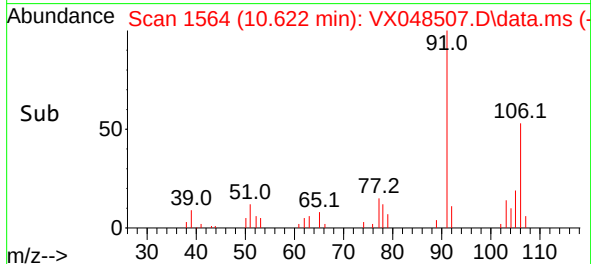
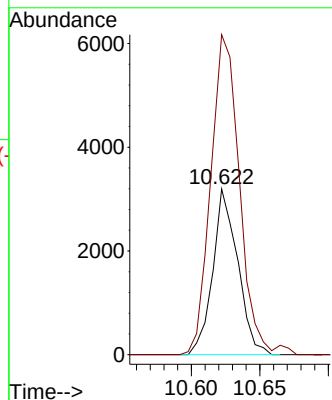
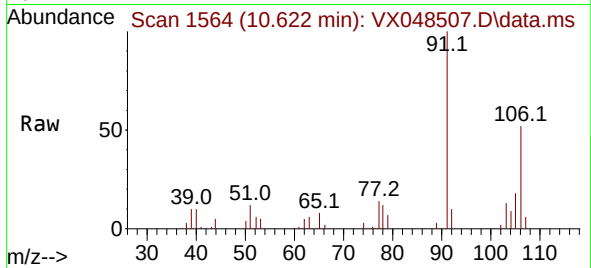




#69
o-Xylene
Concen: 0.993 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

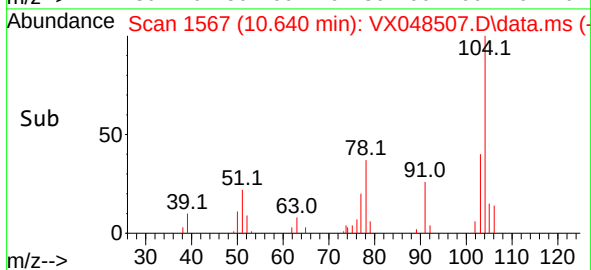
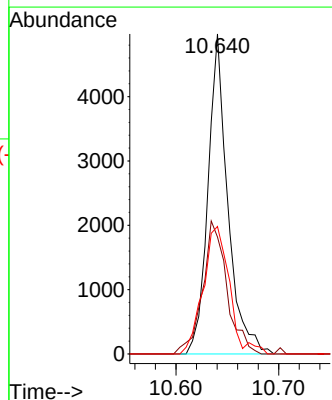
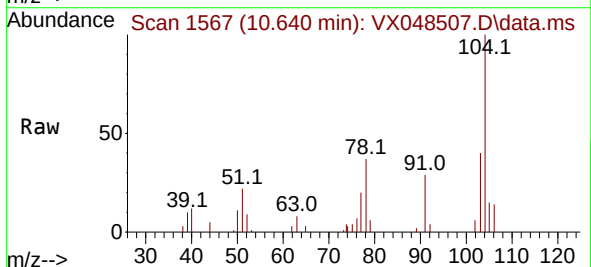
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

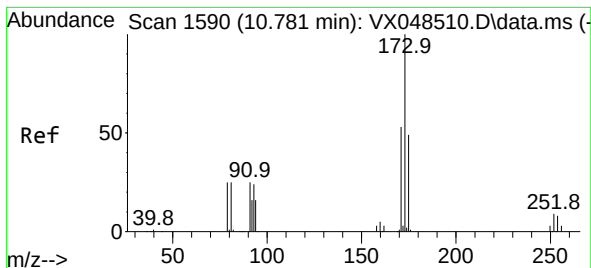
Tgt Ion:106 Resp: 4041
Ion Ratio Lower Upper
106 100
91 223.6 111.3 333.9



#70
Styrene
Concen: 0.967 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion:104 Resp: 6668
Ion Ratio Lower Upper
104 100
78 50.9 42.2 63.4
103 53.1 43.0 64.4





#71

Bromoform

Concen: 1.012 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

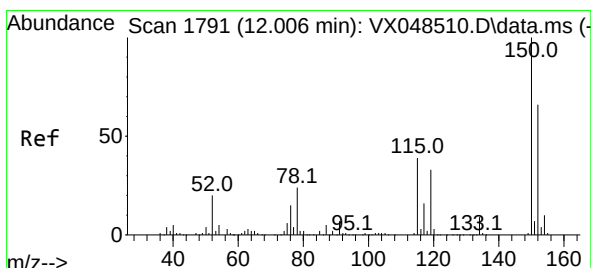
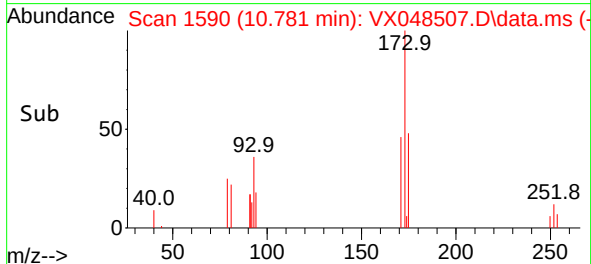
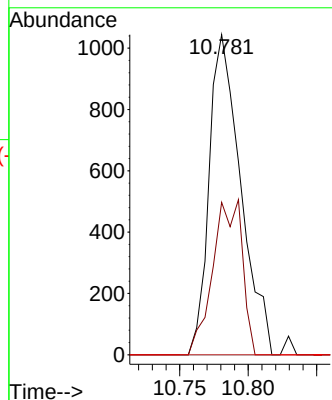
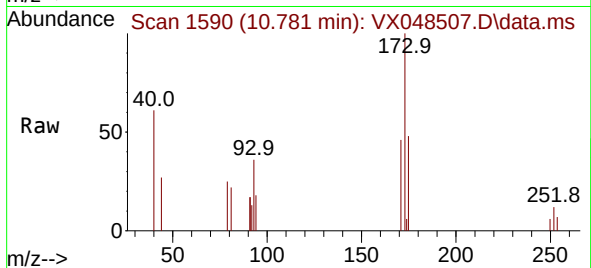
Tgt Ion:173 Resp: 1671

Ion Ratio Lower Upper

173 100

175 45.2 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

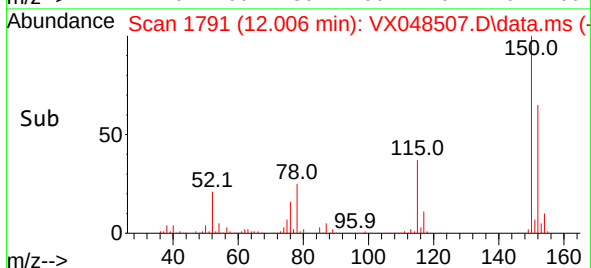
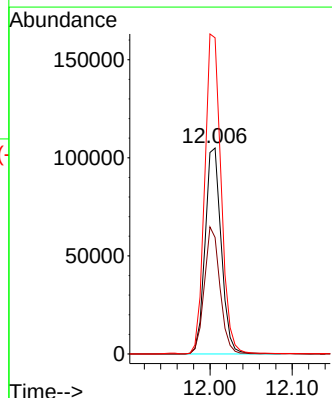
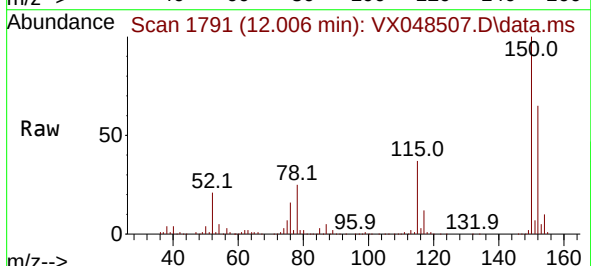
Tgt Ion:152 Resp: 143123

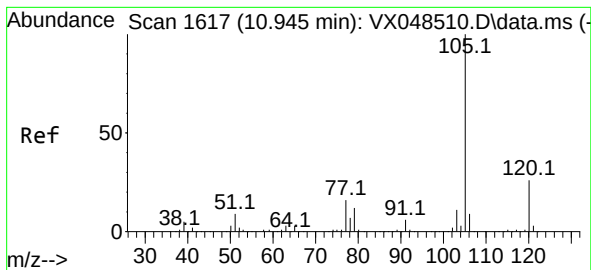
Ion Ratio Lower Upper

152 100

115 59.8 43.1 129.4

150 157.4 0.0 353.0





#73

Isopropylbenzene

Concen: 1.051 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

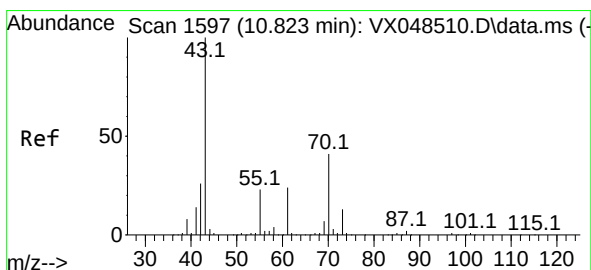
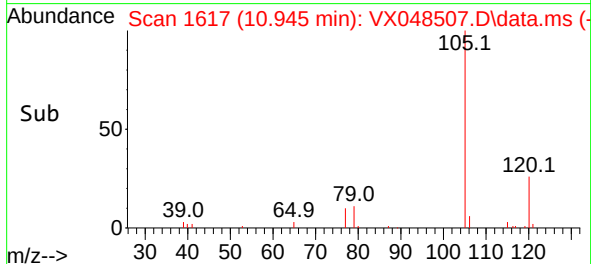
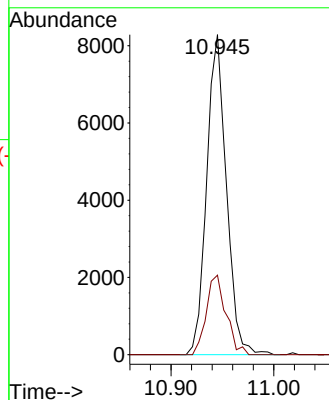
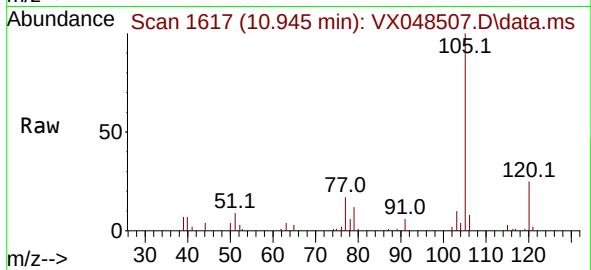
VSTDICC001

Tgt Ion:105 Resp: 11033

Ion Ratio Lower Upper

105 100

120 24.9 13.0 38.9



#74

N-ethyl acetate

Concen: 0.907 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Tgt Ion: 43 Resp: 3411

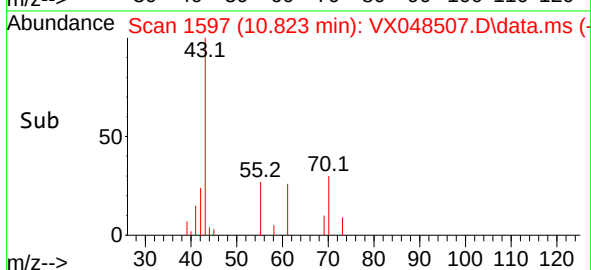
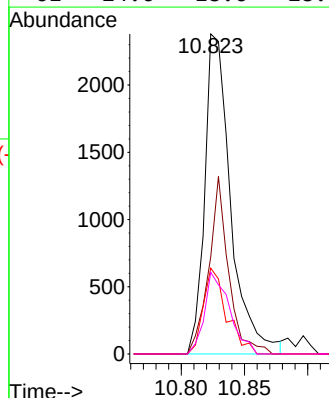
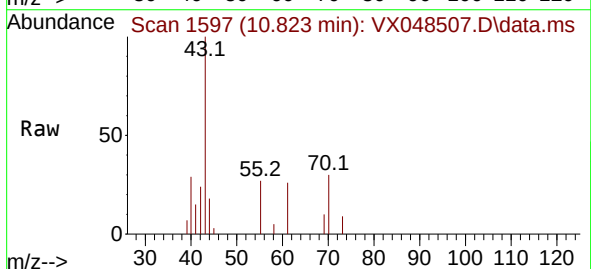
Ion Ratio Lower Upper

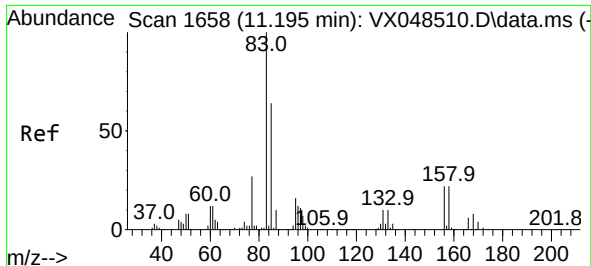
43 100

70 42.1 32.2 48.2

55 24.1 19.1 28.7

61 24.6 18.6 28.0

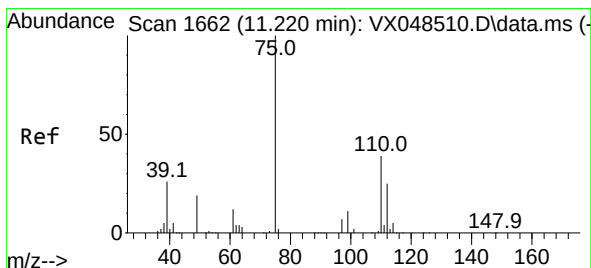
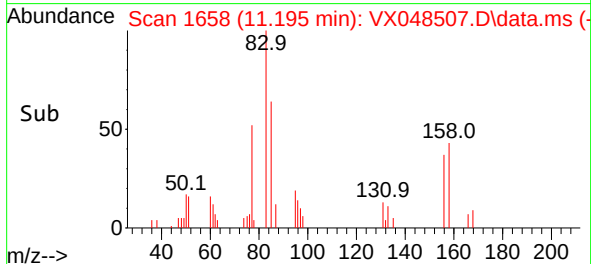
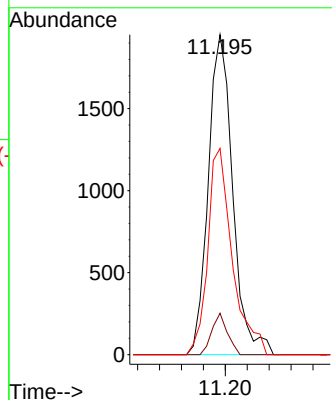
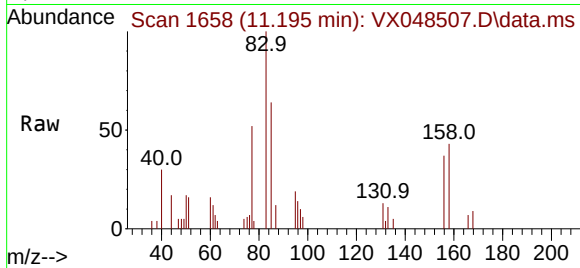




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.134 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VX048507.D
 Acq: 06 Nov 2025 09:13

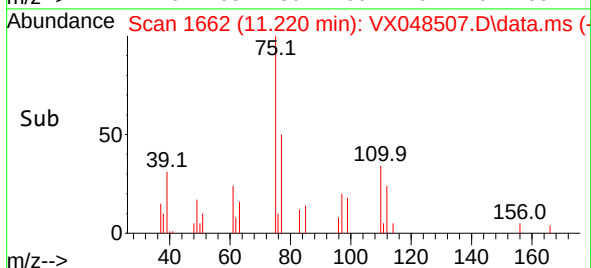
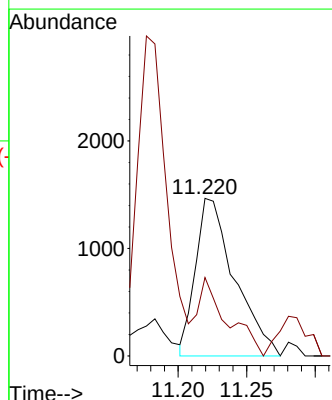
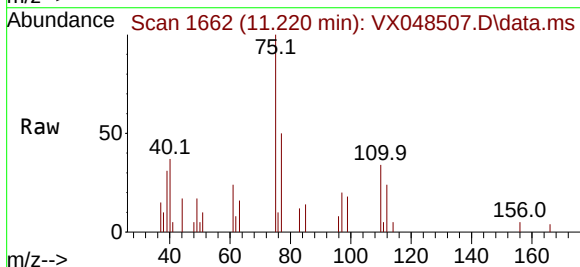
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

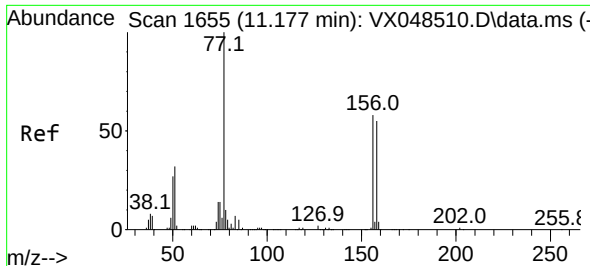
Tgt Ion: 83 Resp: 3022
 Ion Ratio Lower Upper
 83 100
 131 8.2 4.8 14.4
 85 64.5 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 1.390 ug/l
 RT: 11.220 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: VX048507.D
 Acq: 06 Nov 2025 09:13

Tgt Ion: 75 Resp: 2910
 Ion Ratio Lower Upper
 75 100
 77 37.5 22.4 67.2

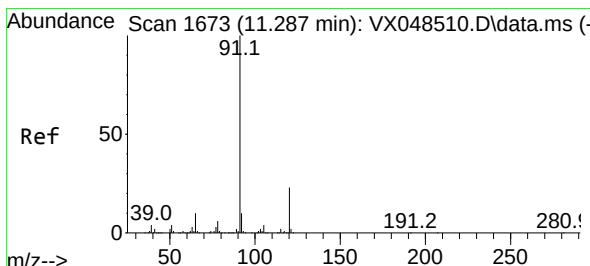
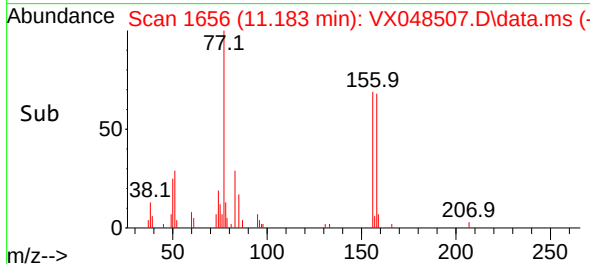
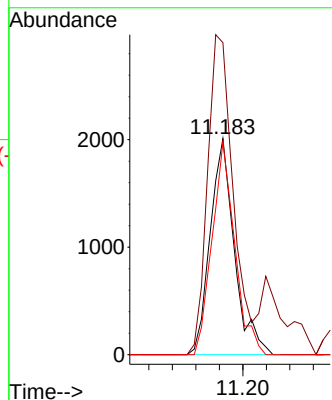
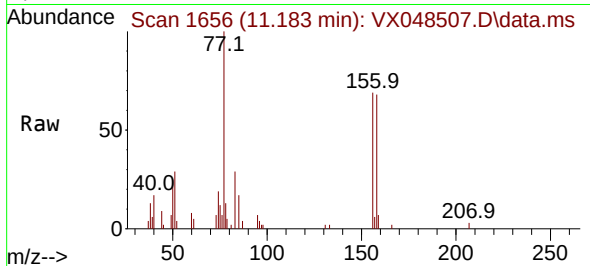




#77
Bromobenzene
Concen: 1.105 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

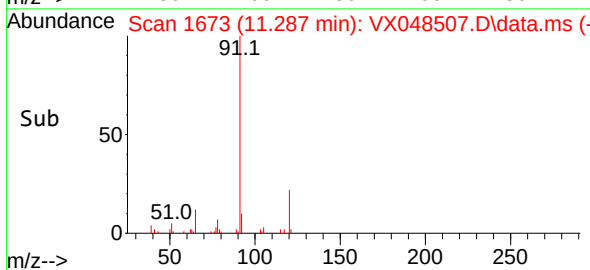
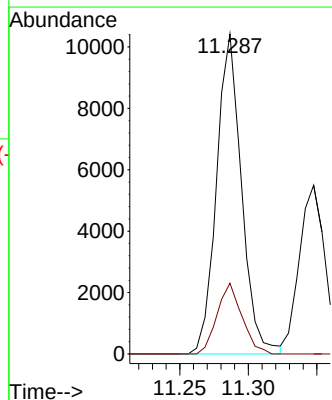
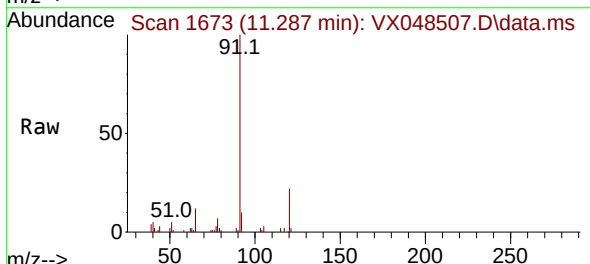
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

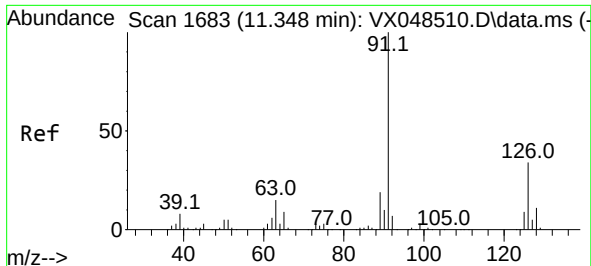
Tgt Ion:156 Resp: 2870
Ion Ratio Lower Upper
156 100
77 156.0 87.0 261.0
158 92.7 47.8 143.4



#78
n-propylbenzene
Concen: 1.068 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 91 Resp: 13225
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1





#79

2-Chlorotoluene

Concen: 0.996 ug/l

RT: 11.348 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

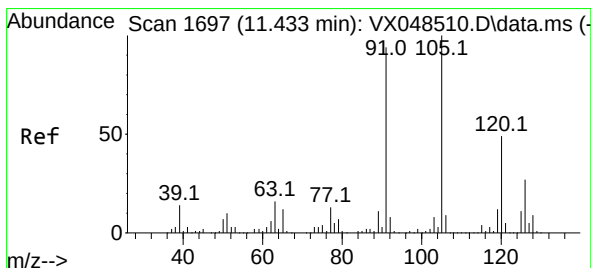
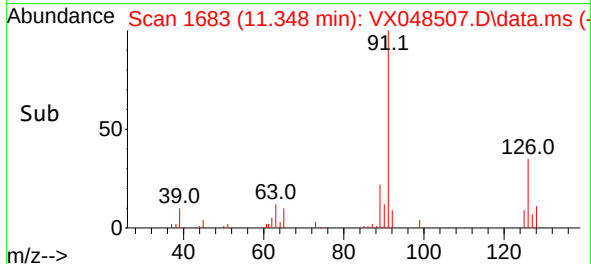
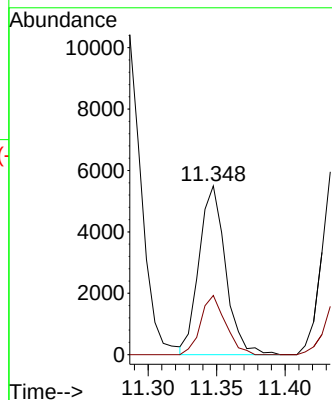
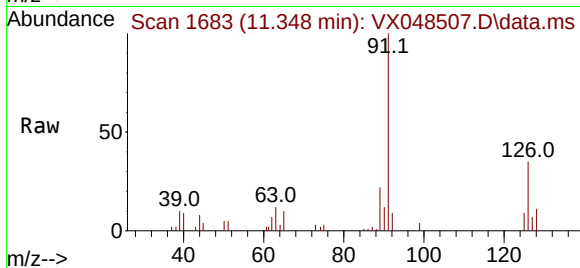
VSTDIC001

Tgt Ion: 91 Resp: 7415

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 1.051 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048507.D

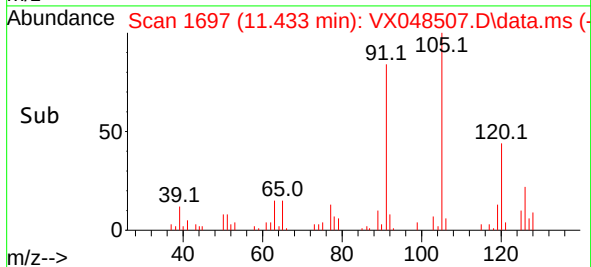
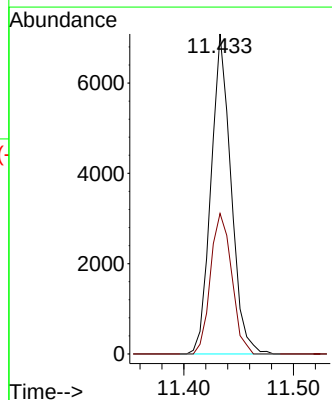
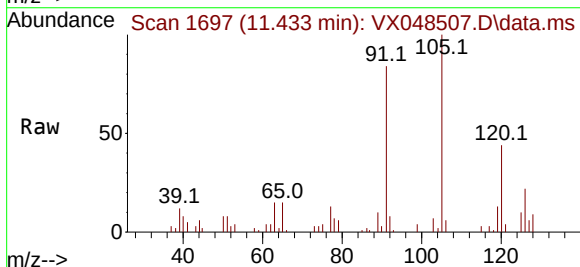
Acq: 06 Nov 2025 09:13

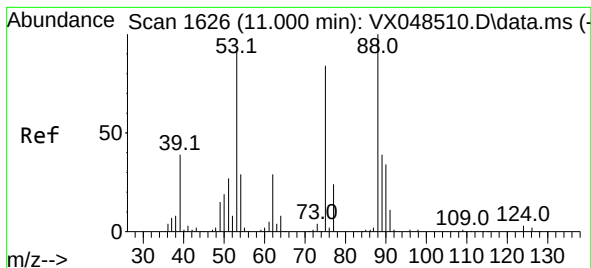
Tgt Ion: 105 Resp: 9001

Ion Ratio Lower Upper

105 100

120 46.4 24.0 72.0

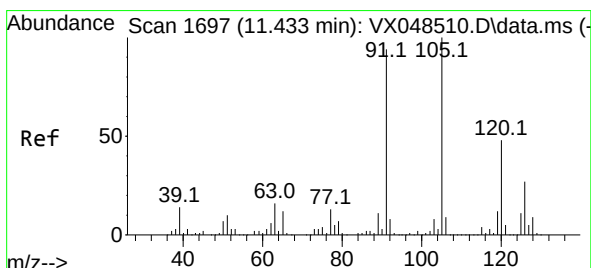
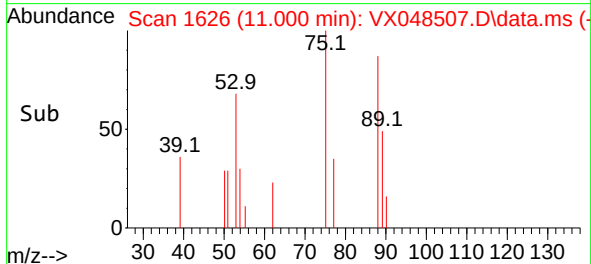
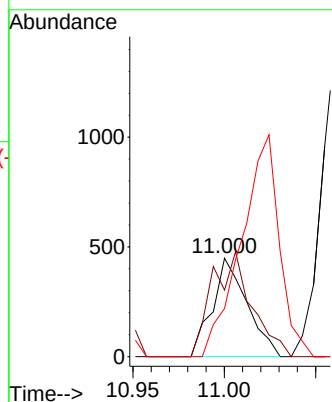
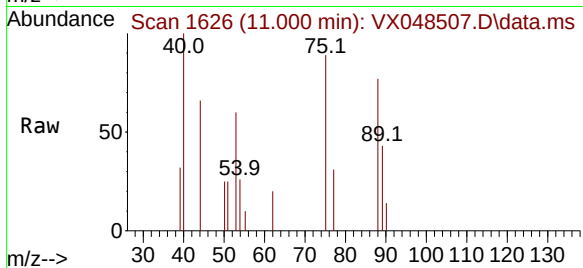




#81
trans-1,4-Dichloro-2-butene
Concen: 1.014 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

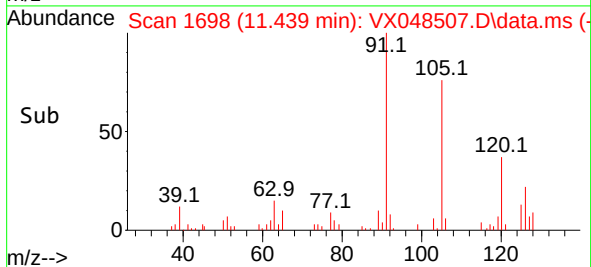
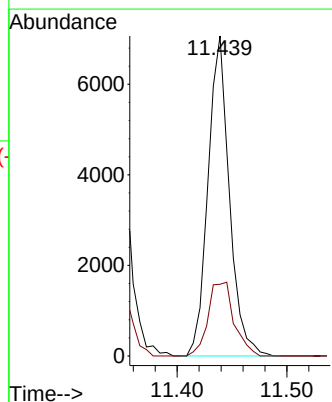
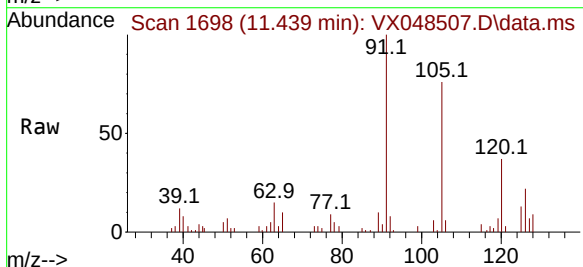
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

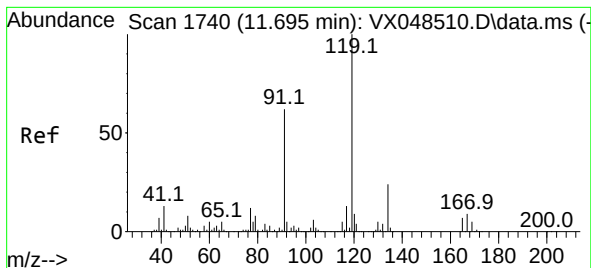
Tgt Ion: 75 Resp: 593
Ion Ratio Lower Upper
75 100
53 120.7 79.5 119.3#
89 0.0 36.8 55.2#



#82
4-Chlorotoluene
Concen: 1.091 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 91 Resp: 9562
Ion Ratio Lower Upper
91 100
126 28.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 1.022 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

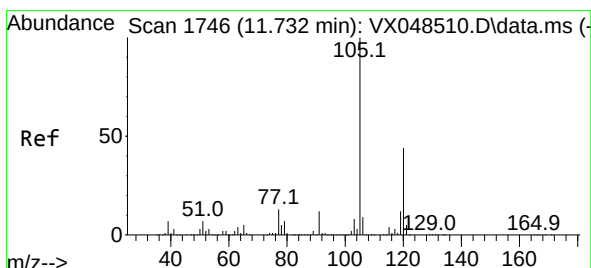
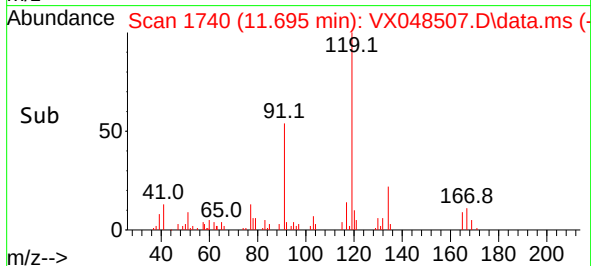
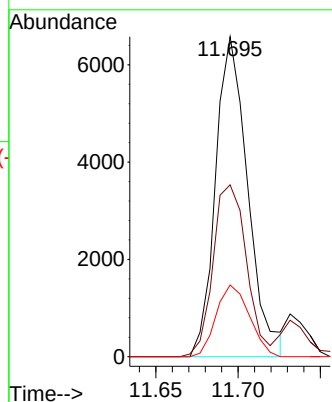
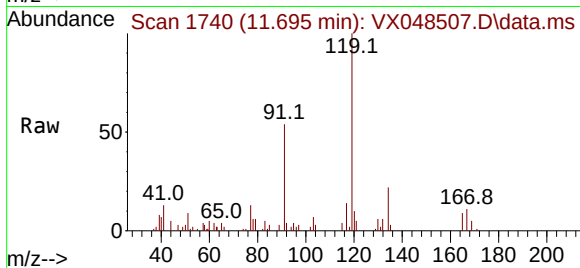
Tgt Ion:119 Resp: 8944

Ion Ratio Lower Upper

119 100

91 55.9 30.3 91.0

134 23.2 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 0.964 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048507.D

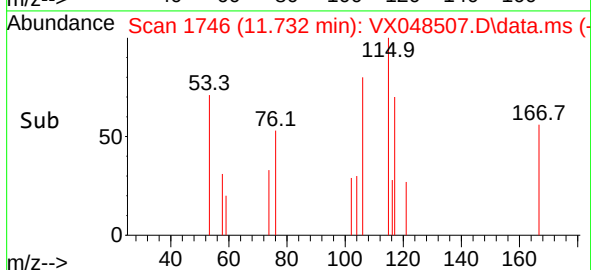
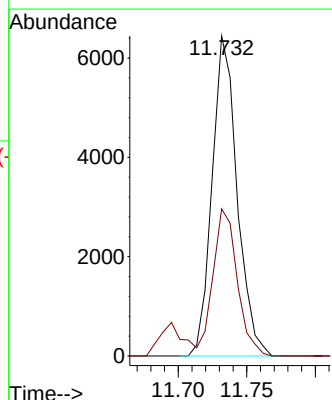
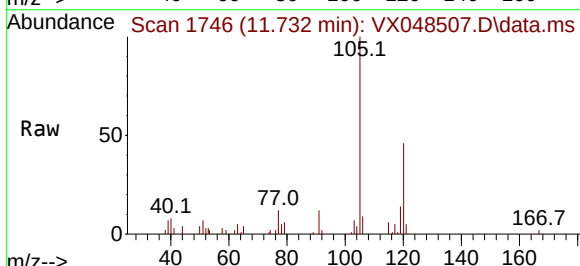
Acq: 06 Nov 2025 09:13

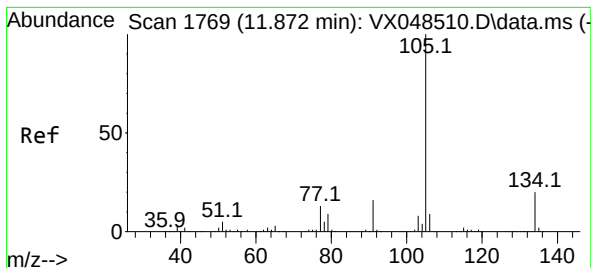
Tgt Ion:105 Resp: 8167

Ion Ratio Lower Upper

105 100

120 44.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 1.033 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

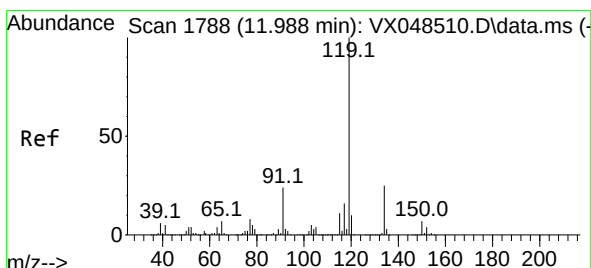
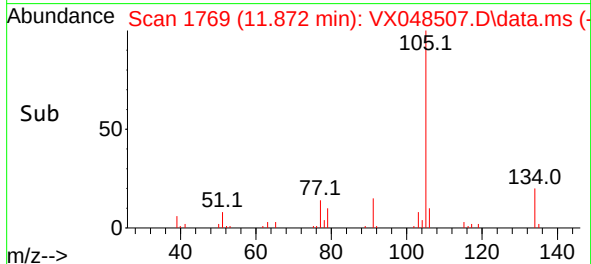
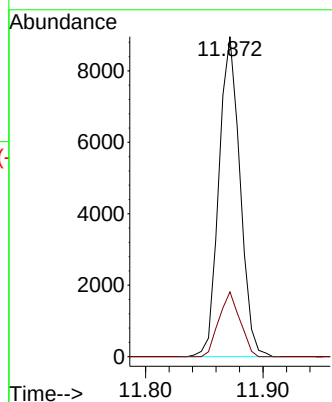
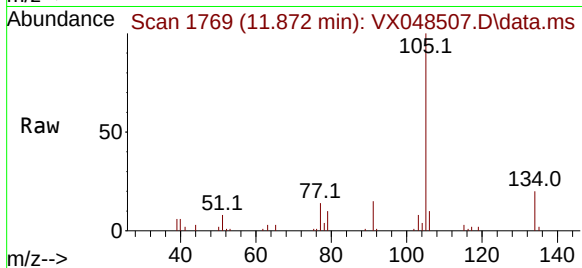
VSTDICC001

Tgt Ion:105 Resp: 11210

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.022 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

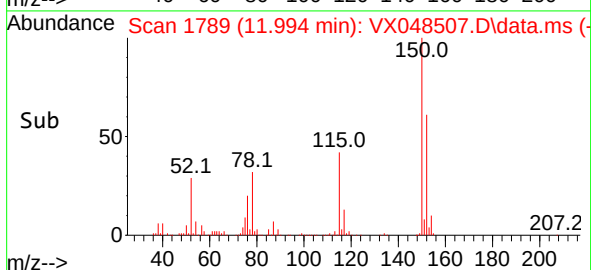
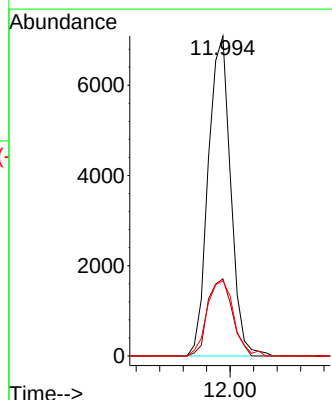
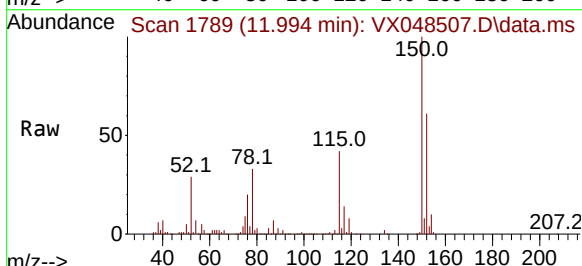
Tgt Ion:119 Resp: 9362

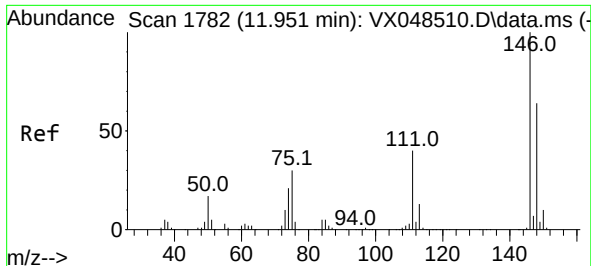
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 28.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 1.072 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

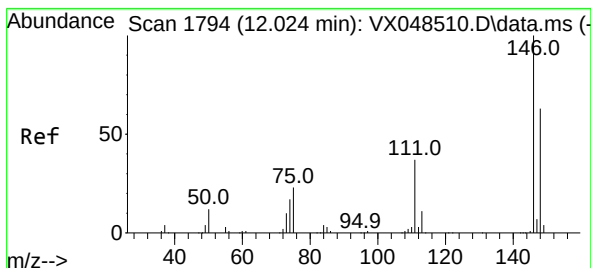
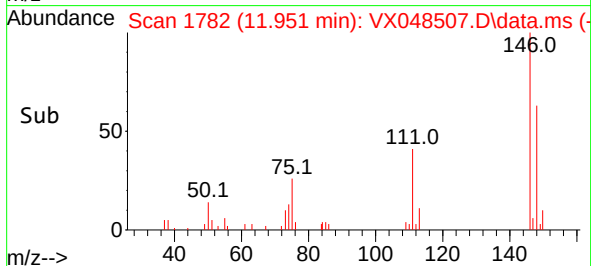
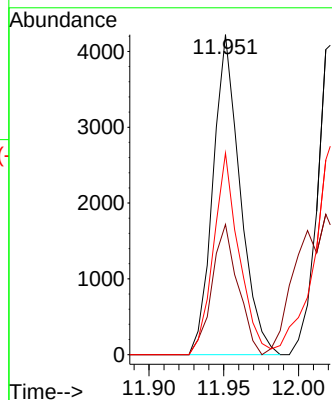
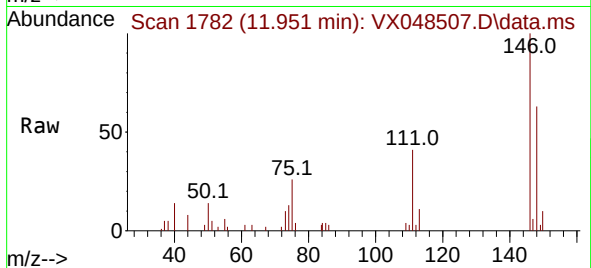
Tgt Ion:146 Resp: 5322

Ion Ratio Lower Upper

146 100

111 39.0 20.4 61.2

148 59.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 1.053 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.073 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

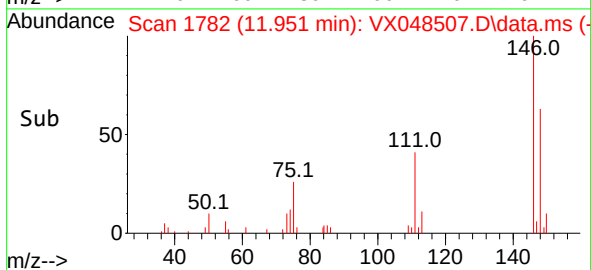
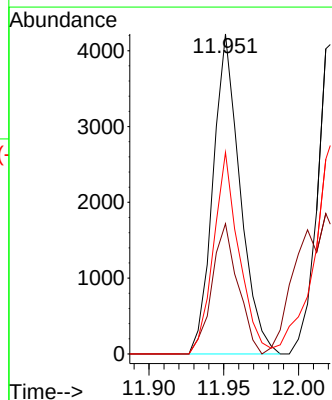
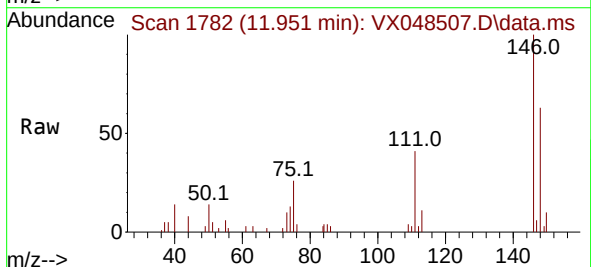
Tgt Ion:146 Resp: 5322

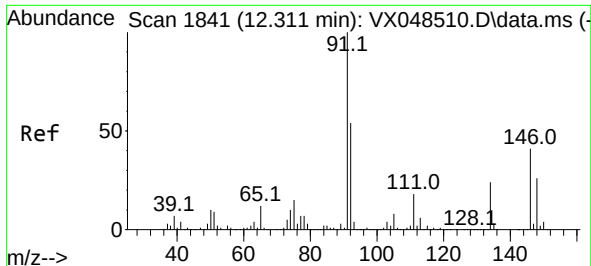
Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 59.4 31.8 95.3





#89

n-Butylbenzene

Concen: 1.055 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

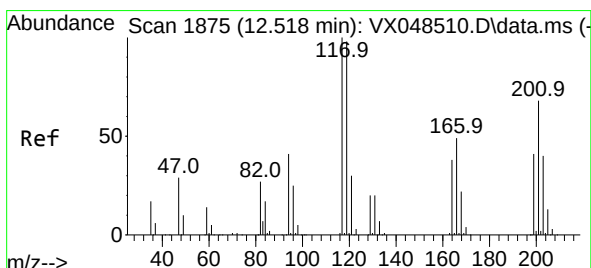
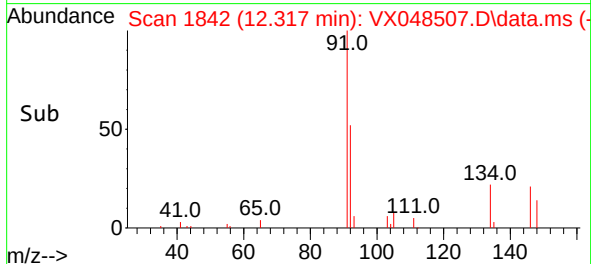
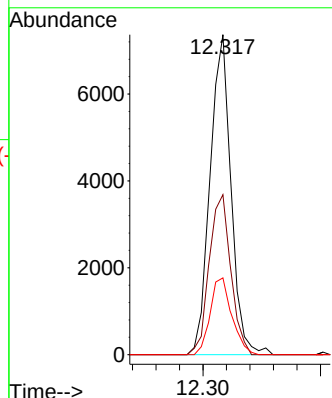
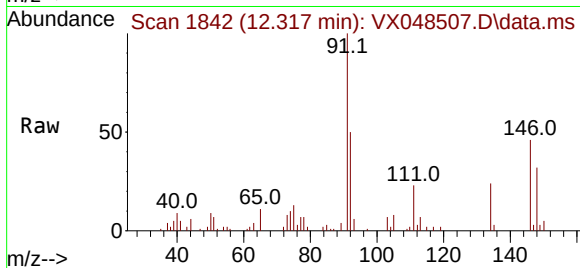
Tgt Ion: 91 Resp: 9112

Ion Ratio Lower Upper

91 100

92 51.6 26.9 80.6

134 24.8 12.7 38.1



#90

Hexachloroethane

Concen: 1.069 ug/l

RT: 12.524 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VX048507.D

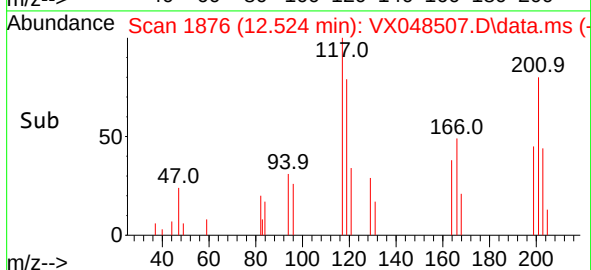
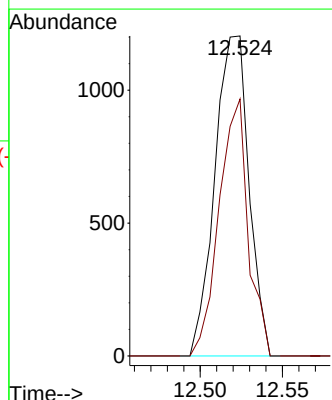
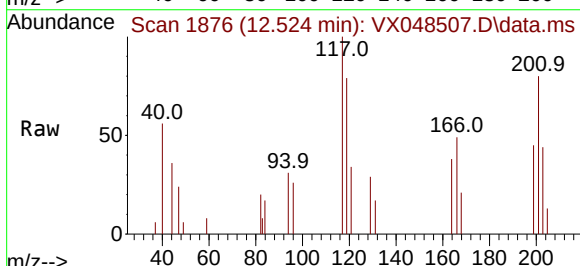
Acq: 06 Nov 2025 09:13

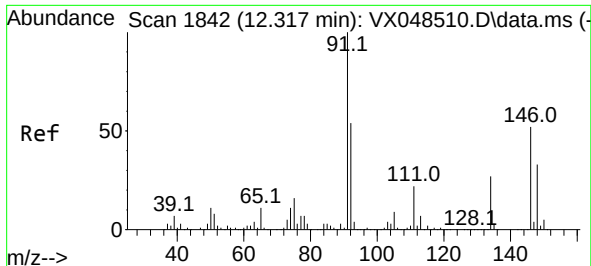
Tgt Ion: 117 Resp: 1739

Ion Ratio Lower Upper

117 100

201 68.3 34.1 102.2

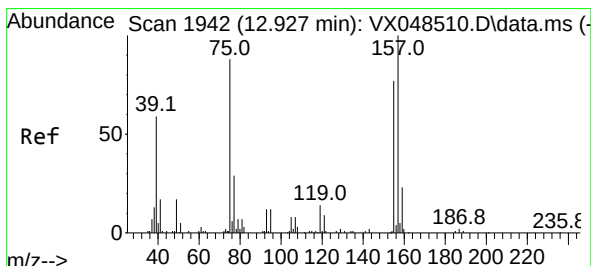
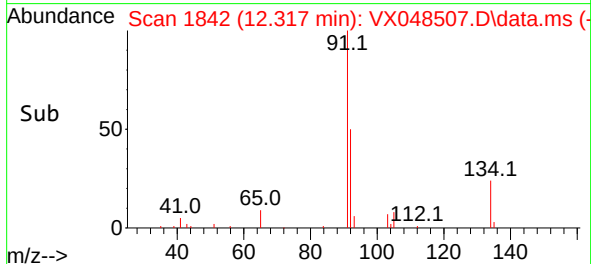
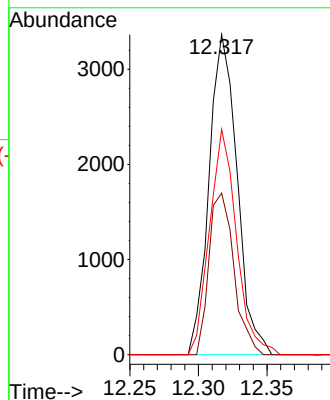
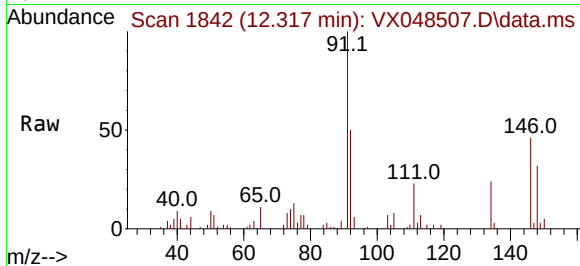




#91
1,2-Dichlorobenzene
Concen: 1.039 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

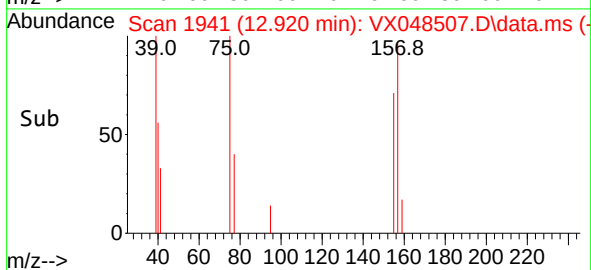
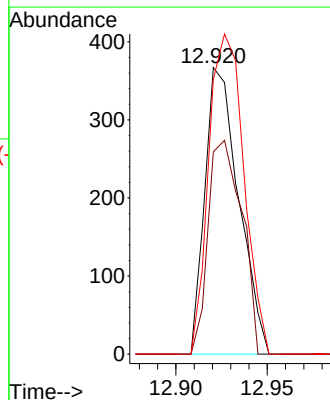
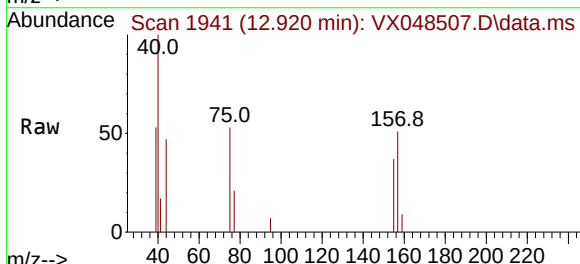
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

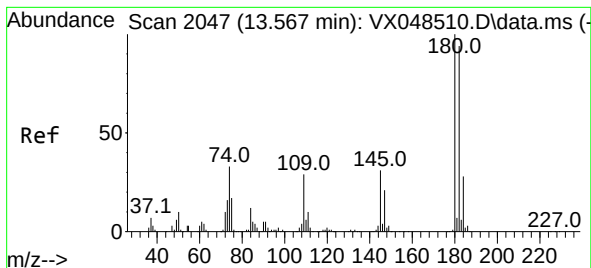
Tgt Ion:146 Resp: 4786
Ion Ratio Lower Upper
146 100
111 45.1 21.9 65.5
148 67.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.921 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion: 75 Resp: 473
Ion Ratio Lower Upper
75 100
155 74.4 42.8 128.4
157 116.1 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 1.015 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

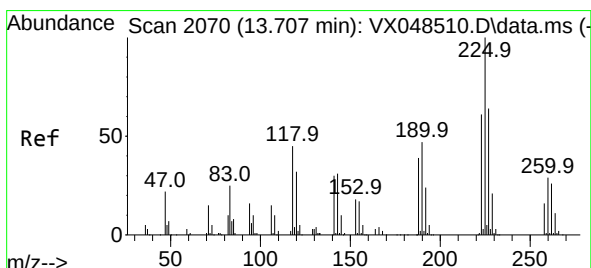
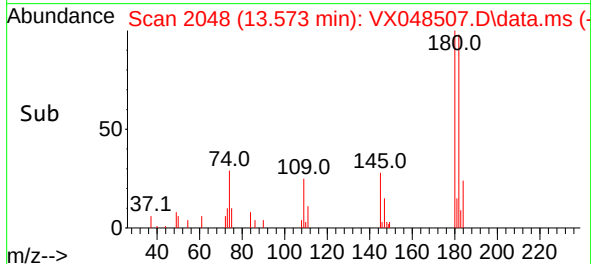
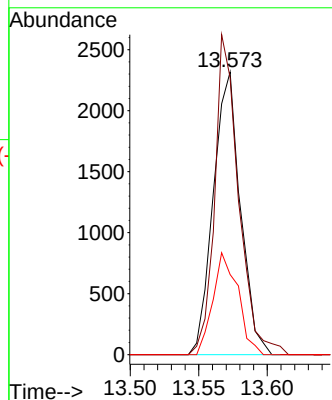
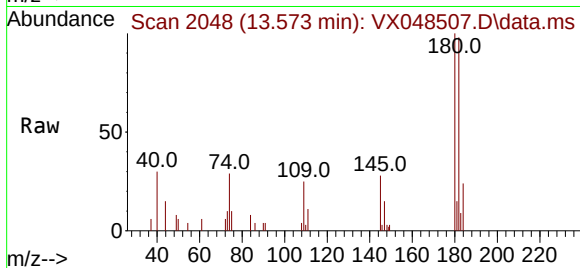
Tgt Ion:180 Resp: 3186

Ion Ratio Lower Upper

180 100

182 99.6 47.3 142.0

145 33.3 16.3 48.9



#94

Hexachlorobutadiene

Concen: 1.046 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048507.D

Acq: 06 Nov 2025 09:13

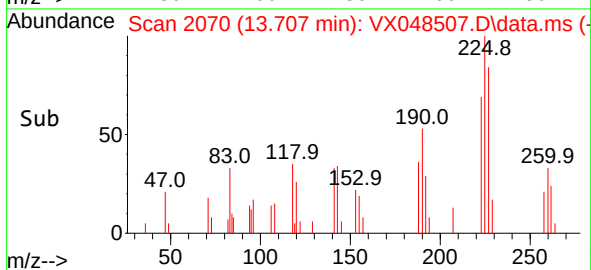
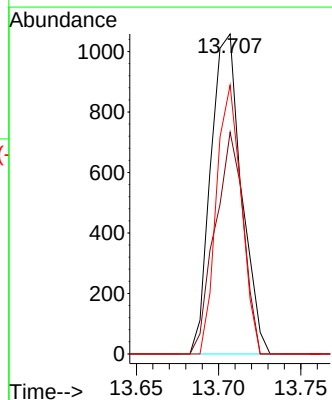
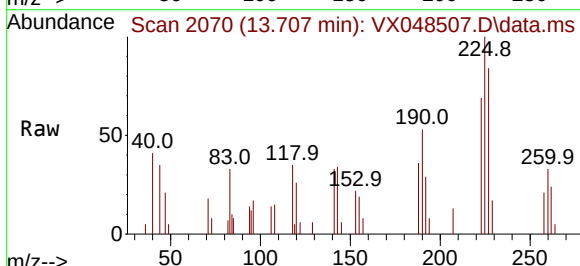
Tgt Ion:225 Resp: 1369

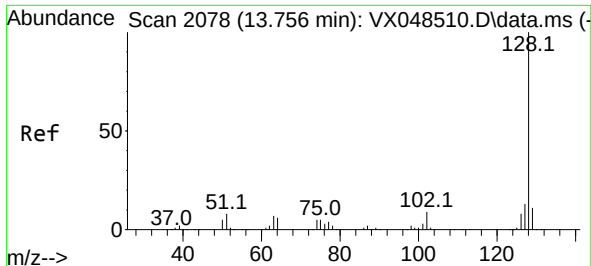
Ion Ratio Lower Upper

225 100

223 64.4 32.6 97.7

227 68.2 32.5 97.4

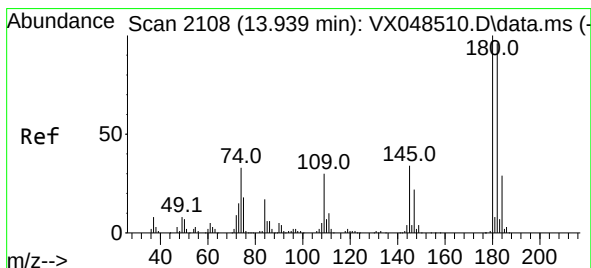
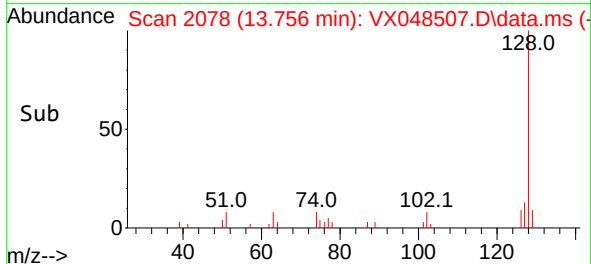
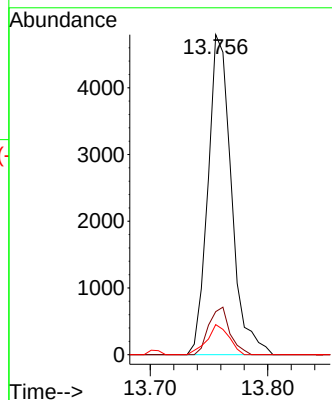
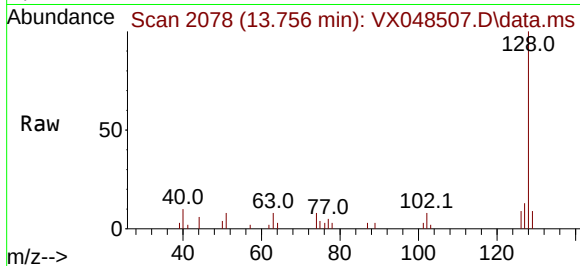




#95
Naphthalene
Concen: 0.848 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	6643
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	8.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.960 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048507.D
Acq: 06 Nov 2025 09:13

Tgt Ion:	180	Resp:	2703
Ion	Ratio	Lower	Upper
180	100		
182	86.4	46.6	139.7
145	32.5	16.9	50.7

