

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047142.D
 Acq On : 25 Jul 2025 15:18
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 26 04:42:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 04:39:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	39936	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	6.769	114	346035	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	315911	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	138949	27.549	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.833%
60) 4-Bromofluorobenzene	11.079	95	156629	30.428	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.433%
63) Toluene-d8	8.653	98	406860	29.569	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.567%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	15317	3.370	ug/l	98
3) Chloromethane	1.313	50	20875	5.110	ug/l	99
4) Vinyl Chloride	1.392	62	20302	4.151	ug/l	# 68
5) Bromomethane	1.630	94	8877	4.489	ug/l	93
6) Chloroethane	1.709	64	11665	4.225	ug/l	# 85
7) Trichlorofluoromethane	1.904	101	27925	4.202	ug/l	91
8) Diethyl Ether	2.148	74	11040	4.552	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	17049	4.317	ug/l	89
10) 1,1-Dichloroethene	2.337	96	17195	4.256	ug/l	93
11) Methyl Iodide	2.471	142	21329	3.420	ug/l	# 81
12) Methyl Acetate	2.721	43	20687	4.114	ug/l	97
13) Acrolein	2.251	56	14439	21.470	ug/l	97
14) Acrylonitrile	3.087	53	41410	19.952	ug/l	99
15) Acetone	2.392	58	13474	26.446	ug/l	87
17) Allyl chloride	2.684	41	32401	4.694	ug/l	88
18) Methylene Chloride	2.806	84	18799	4.311	ug/l	98
19) trans-1,2-Dichloroethene	3.111	96	17331	4.189	ug/l	83
20) Diisopropyl ether	3.776	45	67017	4.541	ug/l	93
21) 1,1-Dichloroethane	3.629	63	35888	4.467	ug/l	99
22) cis-1,2-Dichloroethene	4.507	96	21691	4.293	ug/l	94
23) tert-Butyl Alcohol	2.959	59	15997	27.764	ug/l	# 100
24) Methyl tert-Butyl Ether	3.129	73	59761	4.416	ug/l	100
25) Chloroform	5.111	83	37832	4.783	ug/l	89
26) Cyclohexane	5.489	56	35396	4.538	ug/l	# 100
29) 1,1-Dichloropropene	5.714	75	25967	4.818	ug/l	83
30) 2-Butanone	4.580	43	63779	25.054	ug/l	# 93
31) 2,2-Dichloropropane	4.495	77	28413	4.910	ug/l	92
32) 1,1,1-Trichloroethane	5.403	97	31958	4.789	ug/l	# 68
34) Benzene	6.050	78	82862	5.208	ug/l	99
35) Methacrylonitrile	4.946	41	7249	2.634	ug/l	# 78
36) 1,2-Dichloroethane	6.098	62	28794	5.039	ug/l	97
37) Trichloroethene	7.141	130	20214	5.048	ug/l	88
38) Methylcyclohexane	7.391	83	34703	4.995	ug/l	98
39) 1,2-Dichloropropane	7.440	63	20619	5.055	ug/l	97
40) Dibromomethane	7.592	93	11302	3.972	ug/l	84
41) Bromodichloromethane	7.830	83	27740	4.659	ug/l	92
42) Vinyl Acetate	3.739	43	277547	23.717	ug/l	100
43) Ethyl Acetate	4.739	43	29012	4.998	ug/l	# 83
44) Isopropyl Acetate	6.354	43	42422	4.645	ug/l	97

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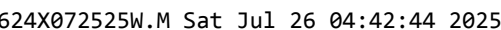
Instrument :
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 ClientSampleId :
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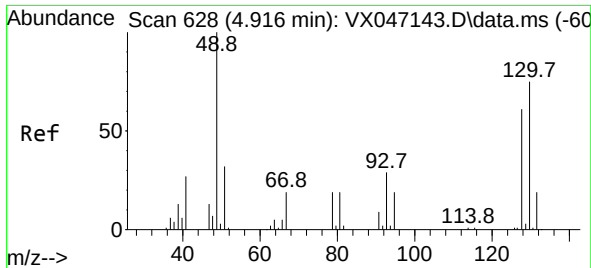
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	7.702	88	246	4.310	ug/l #	36
46) Methyl methacrylate	7.702	41	20866	4.452	ug/l	83
47) n-amyl Acetate	10.841	43	38648	4.840	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	26003	4.518	ug/l	98
49) cis-1,3-Dichloropropene	8.372	75	30476	4.841	ug/l #	89
50) 1,1,2-Trichloroethane	9.153	97	17967	4.748	ug/l #	92
51) Ethyl methacrylate	9.122	69	28306	4.588	ug/l	89
52) 1,3-Dichloropropane	9.311	76	33389	5.086	ug/l	99
54) 1,2-Dibromoethane	9.610	107	18009	4.546	ug/l	90
55) 2-Chloroethyl vinyl ether	8.244	63	65439	21.753	ug/l	98
56) Bromoform	10.805	173	3353	59.544	ug/l #	95
58) 4-Methyl-2-Pentanone	8.580	43	133214	24.168	ug/l	99
59) 2-Hexanone	9.433	43	95135	24.398	ug/l	100
61) Tetrachloroethene	9.275	164	17856	5.162	ug/l	98
62) Toluene	8.720	91	89210	5.050	ug/l	99
64) Chlorobenzene	10.079	112	56194	4.960	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	16990	4.744	ug/l	82
66) Ethyl Benzene	10.195	91	100361	4.965	ug/l	100
67) m/p-Xylenes	10.299	106	75388	10.064	ug/l	95
68) o-Xylene	10.640	106	36993	5.121	ug/l	98
69) Styrene	10.658	104	59499	4.802	ug/l	98
70) Isopropylbenzene	10.963	105	99838	5.188	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	28786	5.042	ug/l	94
72) 1,2,3-Trichloropropane	11.238	75	25932	5.898	ug/l	96
73) Bromobenzene	11.195	156	24752	5.374	ug/l	98
74) n-propylbenzene	11.305	91	118105	5.112	ug/l	100
75) 2-Chlorotoluene	11.366	91	69983	5.119	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	81649	5.157	ug/l	99
77) t-1,4-Dichloro-2-butene	10.963	75	1679	2.581	ug/l	96
78) 4-Chlorotoluene	11.451	91	82617	5.241	ug/l	99
79) tert-butylbenzene	11.713	119	82208	5.188	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	82849	5.276	ug/l	97
81) sec-Butylbenzene	11.890	105	102797	5.199	ug/l	98
82) p-Isopropyltoluene	12.006	119	85865	5.226	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	43842	5.095	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	46300	5.429	ug/l	97
85) n-Butylbenzene	12.329	91	80922	5.132	ug/l	98
86) Hexachloroethane	12.542	117	4422	1.935	ug/l #	1
87) 1,2-Dichlorobenzene	12.335	146	42748	5.297	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6368	5.153	ug/l #	71
89) 1,2,4-Trichlorobenzene	13.585	180	27468	4.923	ug/l	98
90) Hexachlorobutadiene	13.725	225	10208	8.233	ug/l	46
91) Naphthalene	13.774	128	139120	7.386	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	26253	4.903	ug/l	95

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

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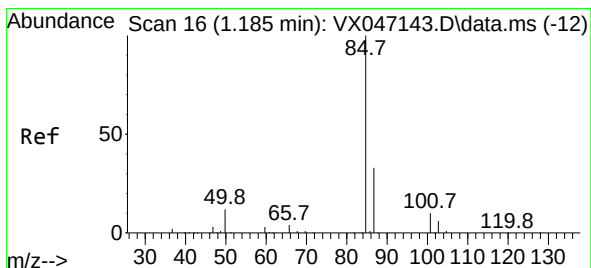
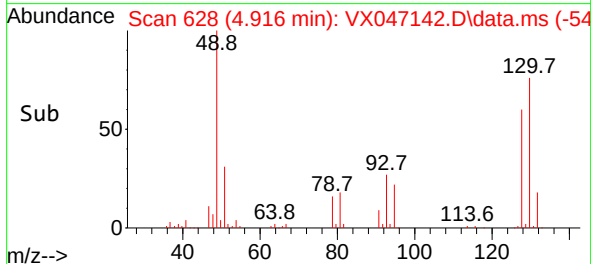
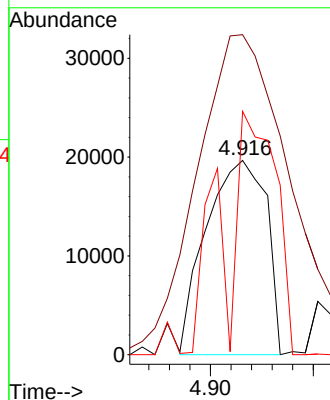
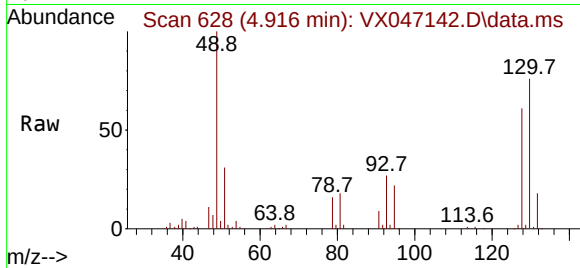




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047142.D
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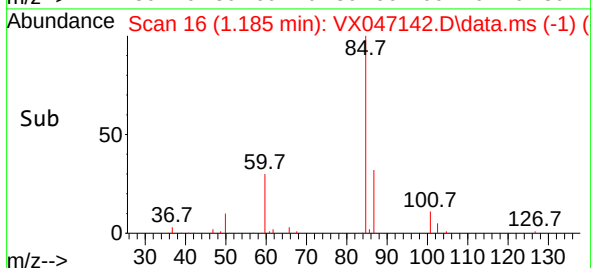
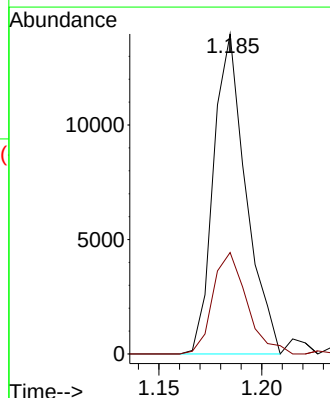
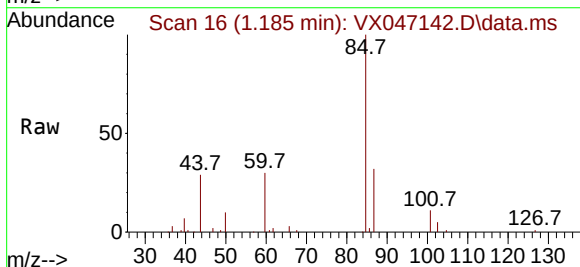
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

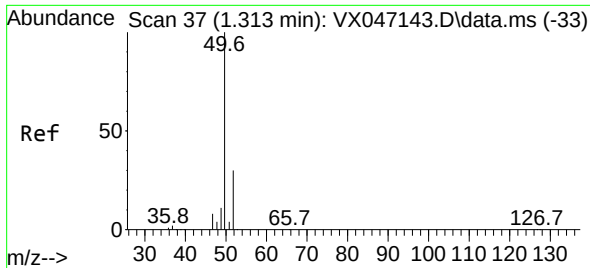
Tgt Ion:128 Resp: 39936
Ion Ratio Lower Upper
128 100
49 265.2 0.0 0.0#
130 78.4 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 3.370 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 85 Resp: 15317
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.1

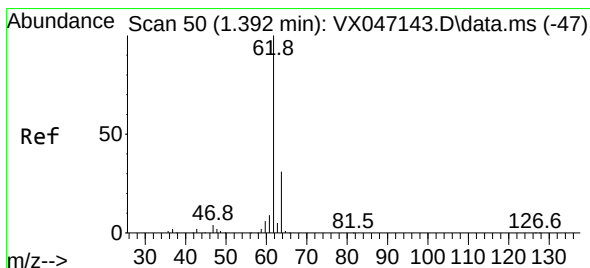
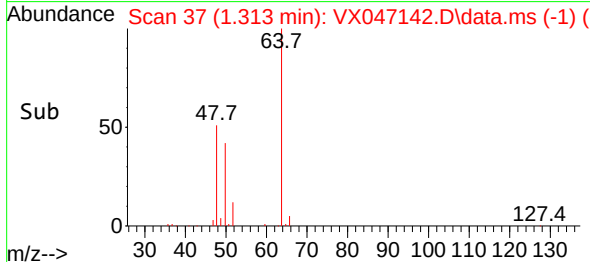
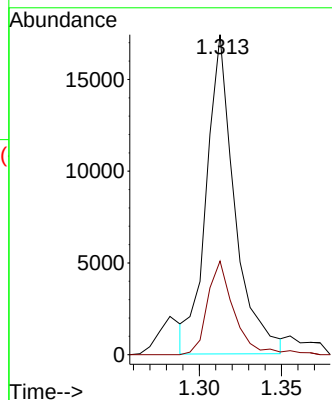
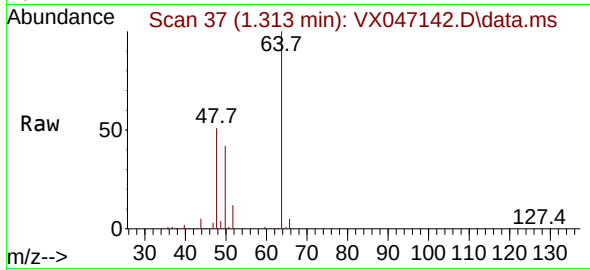




#3
Chloromethane
Concen: 5.110 ug/l
RT: 1.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

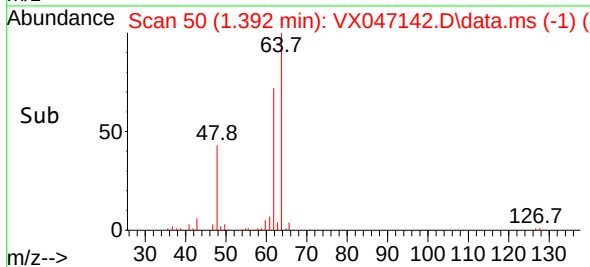
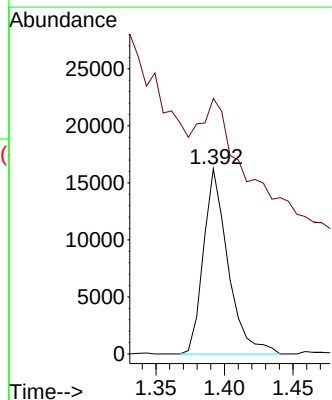
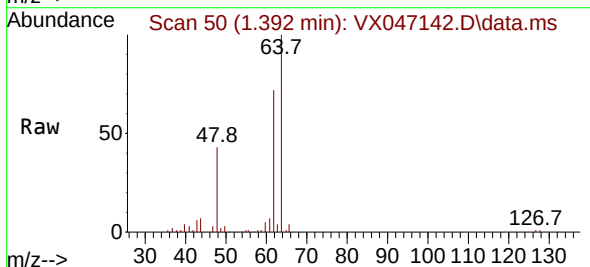
Instrument :
MSVOA_X
ClientSampleId :
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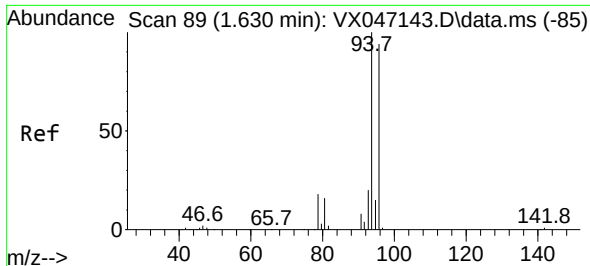
Tgt Ion: 50 Resp: 20875
Ion Ratio Lower Upper
50 100
52 29.7 24.4 36.6



#4
Vinyl Chloride
Concen: 4.151 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 62 Resp: 20302
Ion Ratio Lower Upper
62 100
64 49.9 25.7 38.5#

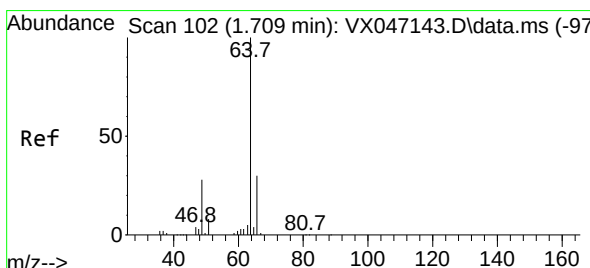
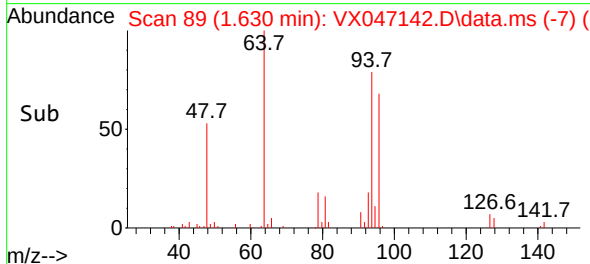
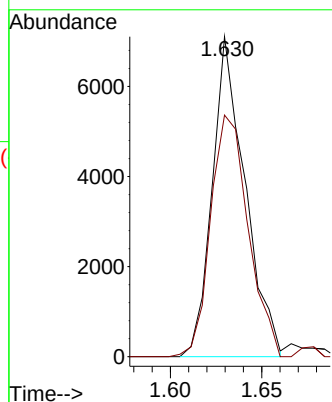
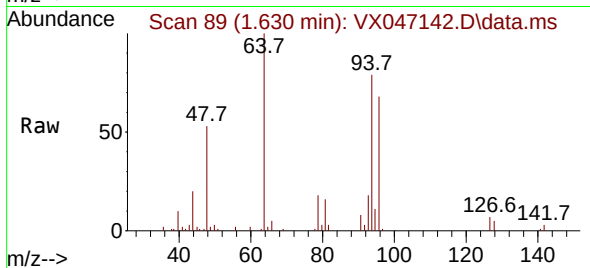




#5
Bromomethane
Concen: 4.489 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

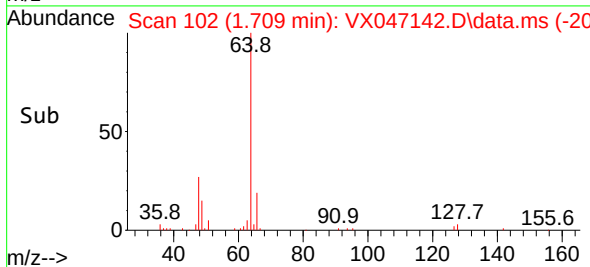
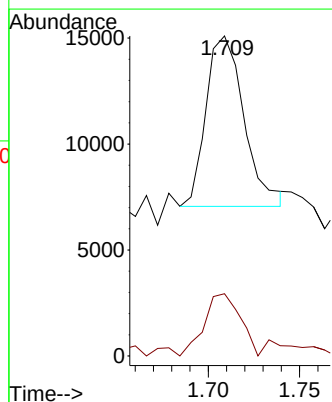
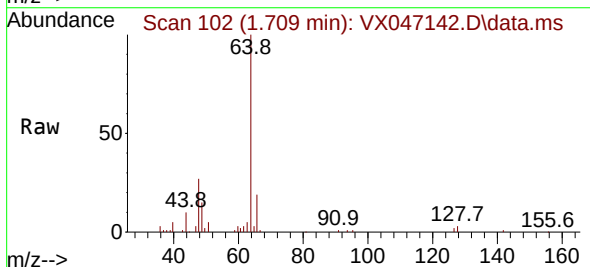
Instrument :
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ClientSampleId :
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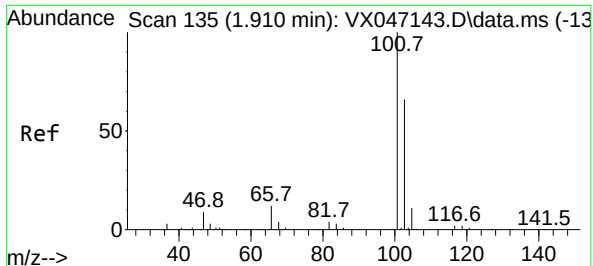
Tgt Ion: 94 Resp: 8877
Ion Ratio Lower Upper
94 100
96 76.5 66.0 99.0



#6
Chloroethane
Concen: 4.225 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 64 Resp: 11665
Ion Ratio Lower Upper
64 100
66 38.8 24.3 36.5

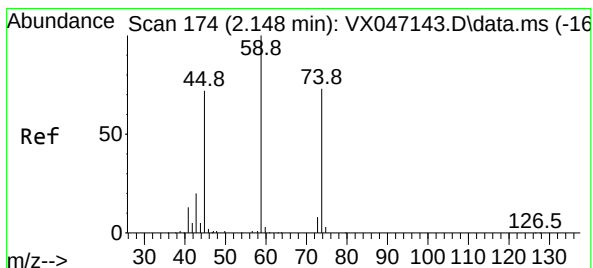
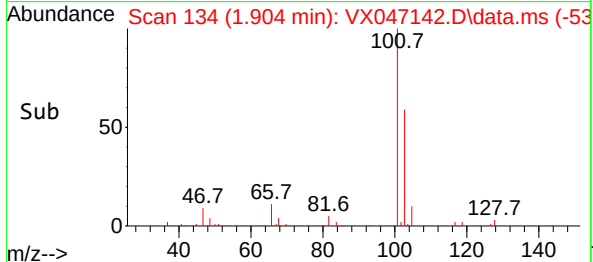
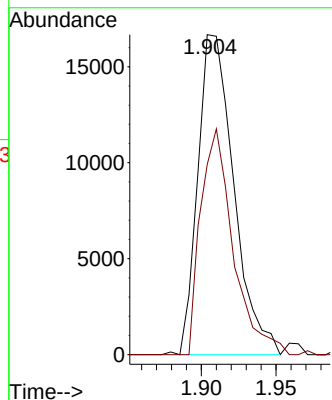
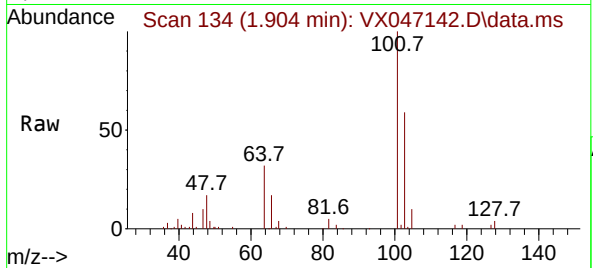




#7
Trichlorofluoromethane
Concen: 4.202 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

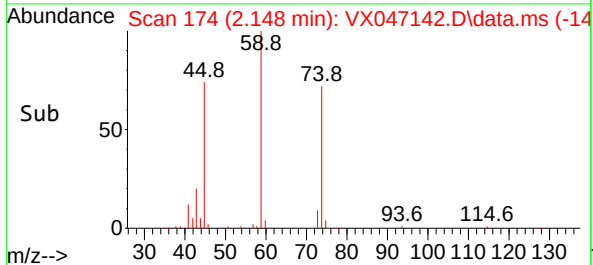
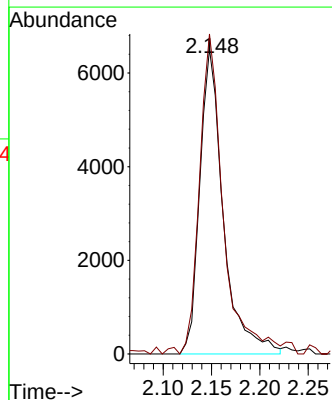
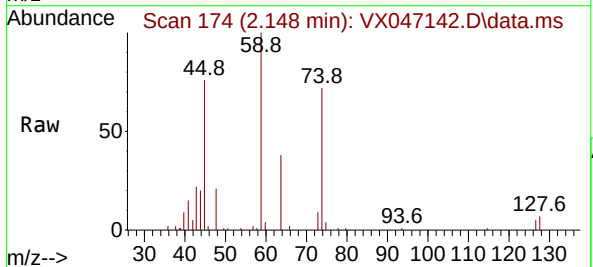
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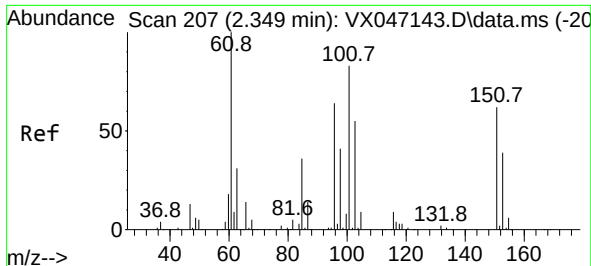
Tgt Ion:101 Resp: 27925
Ion Ratio Lower Upper
101 100
103 58.3 52.4 78.6



#8
Diethyl Ether
Concen: 4.552 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 74 Resp: 11040
Ion Ratio Lower Upper
74 100
45 102.6 22.0 197.6

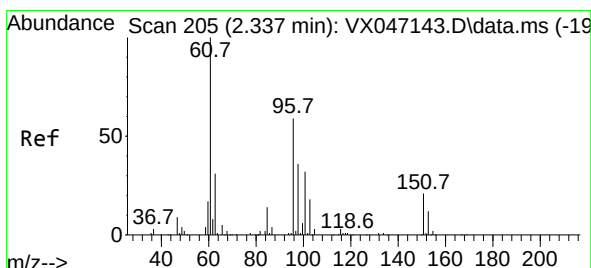
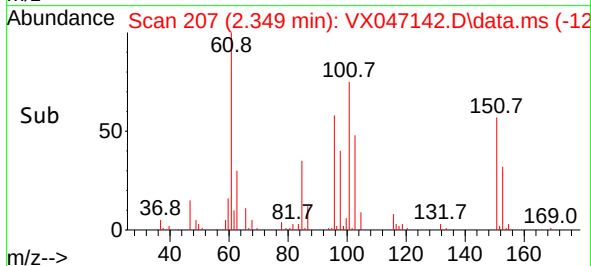
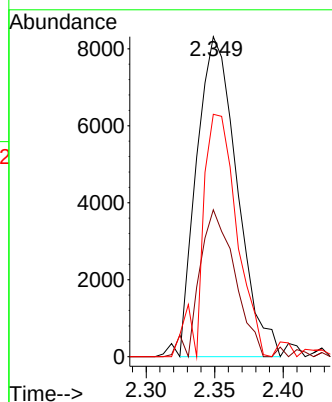
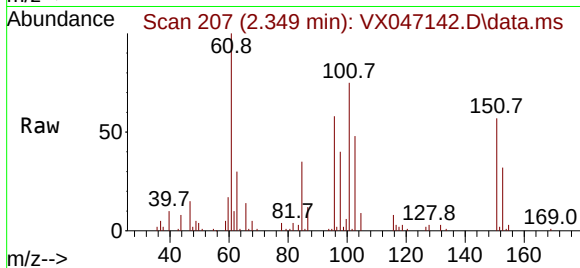




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.317 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047142.D
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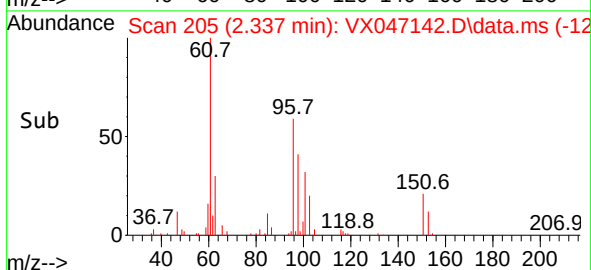
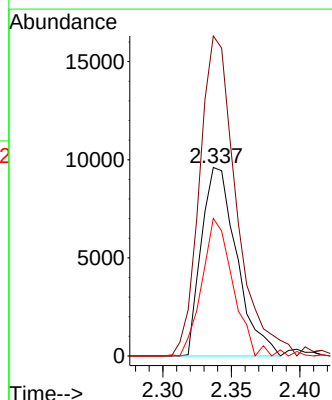
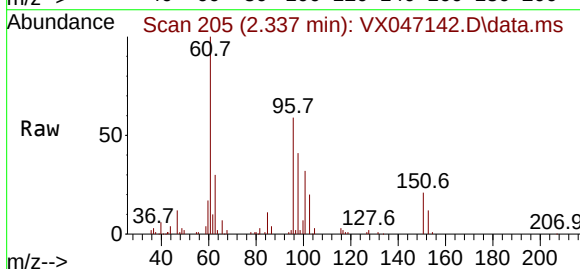
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

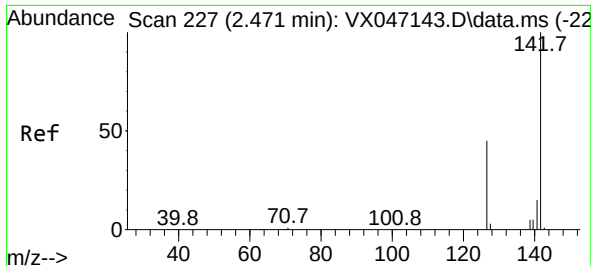
Tgt Ion:101 Resp: 17049
Ion Ratio Lower Upper
101 100
85 38.6 0.0 91.8
151 60.2 0.0 137.2



#10
1,1-Dichloroethene
Concen: 4.256 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 96 Resp: 17195
Ion Ratio Lower Upper
96 100
61 173.3 145.5 218.3
98 70.4 49.5 74.3

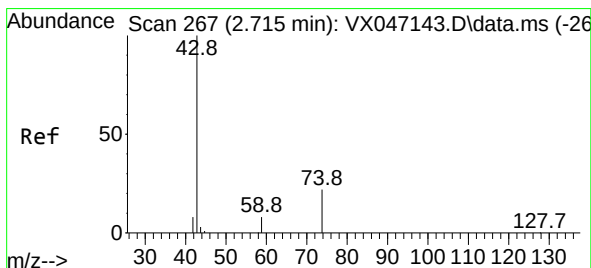
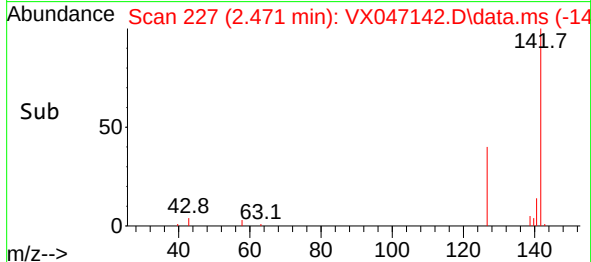
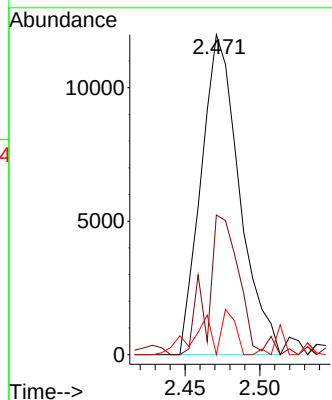
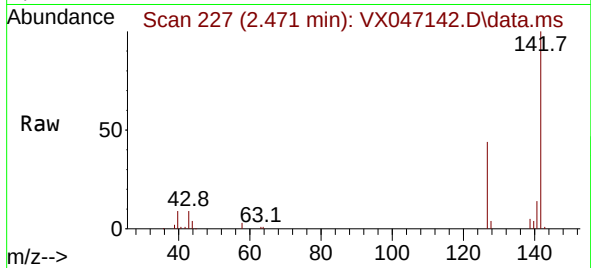




#11
Methyl Iodide
Concen: 3.420 ug/l
RT: 2.471 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

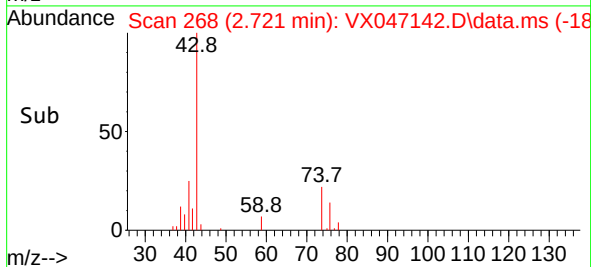
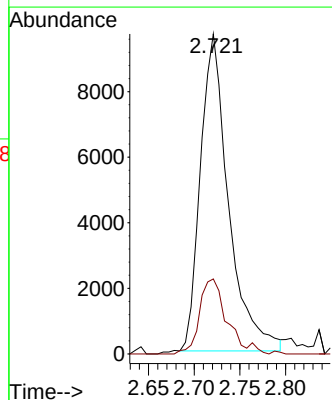
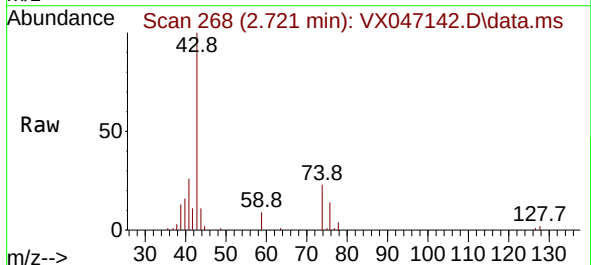
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

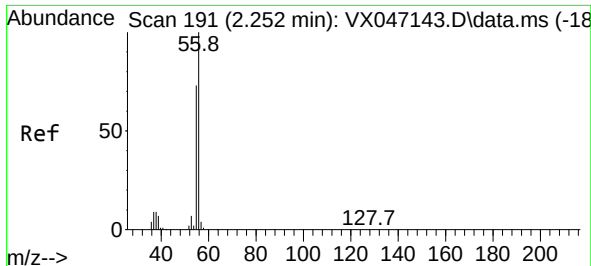
Tgt Ion:142 Resp: 21329
Ion Ratio Lower Upper
142 100
127 45.3 0.9 2.8#
141 92.4 55.5 166.5



#12
Methyl Acetate
Concen: 4.114 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 43 Resp: 20687
Ion Ratio Lower Upper
43 100
74 24.7 18.4 27.6

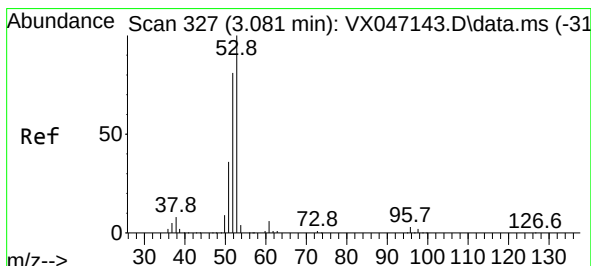
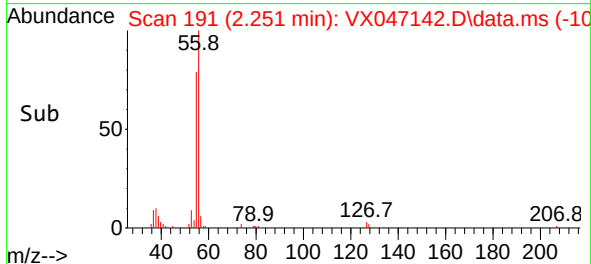
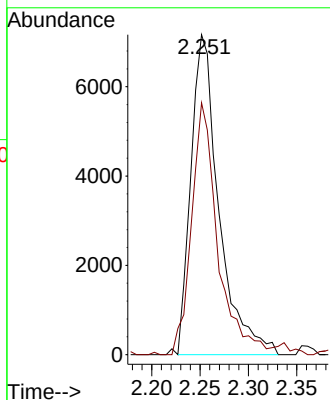
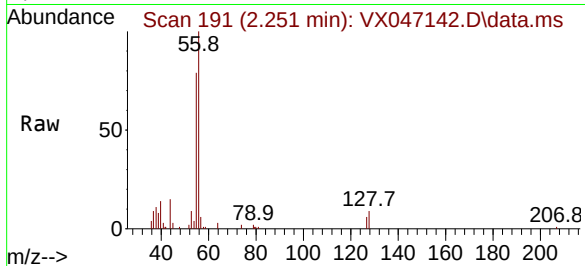




#13
Acrolein
Concen: 21.470 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

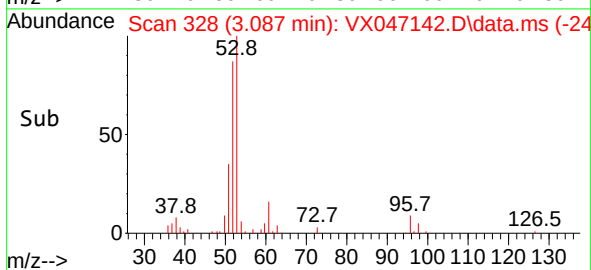
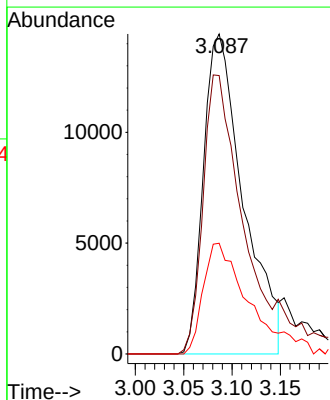
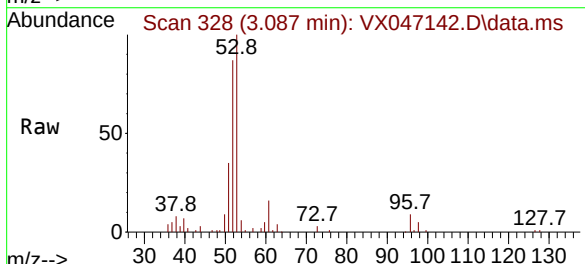
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

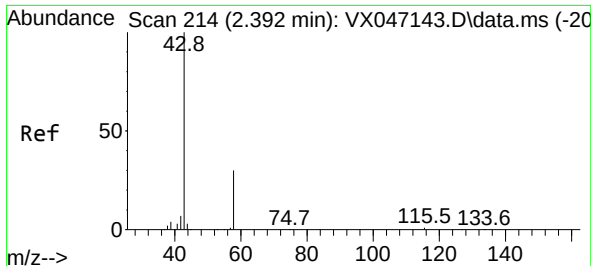
Tgt Ion: 56 Resp: 14439
Ion Ratio Lower Upper
56 100
55 73.2 56.8 85.2



#14
Acrylonitrile
Concen: 19.952 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 53 Resp: 41410
Ion Ratio Lower Upper
53 100
52 82.9 41.3 123.7
51 36.5 17.2 51.5

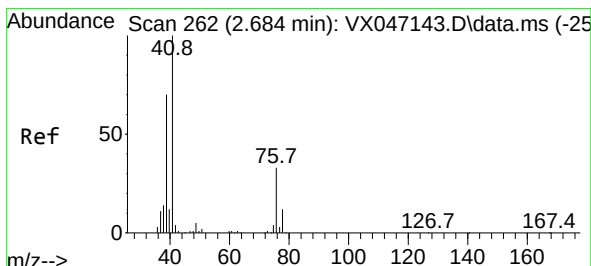
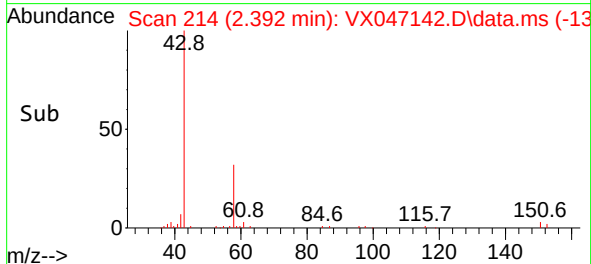
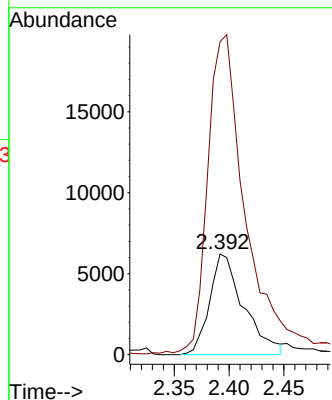
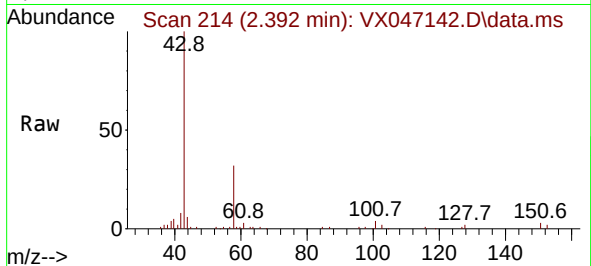




#15
Acetone
Concen: 26.446 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

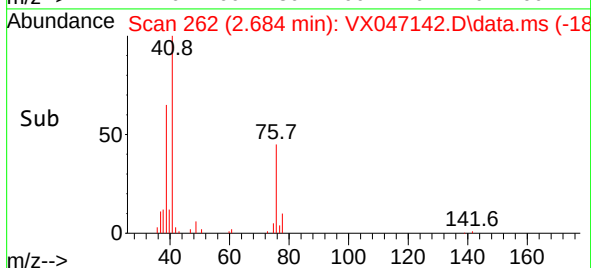
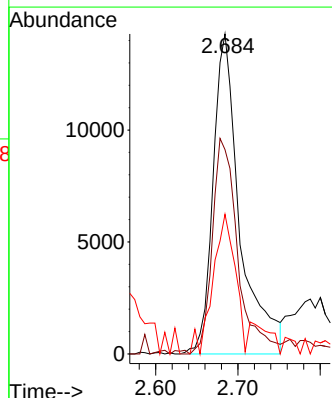
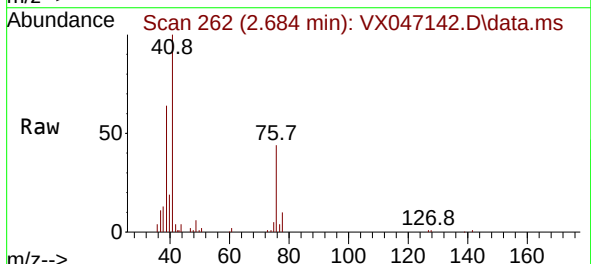
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

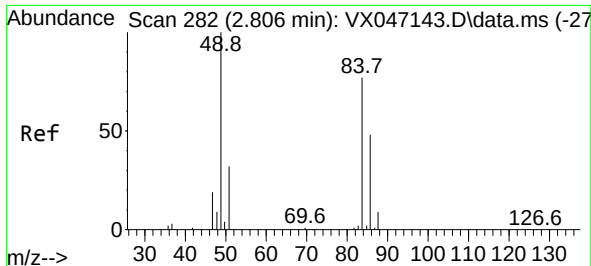
Tgt Ion: 58 Resp: 13474
Ion Ratio Lower Upper
58 100
43 306.0 266.9 400.3



#17
Allyl chloride
Concen: 4.694 ug/l
RT: 2.684 min Scan# 262
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 41 Resp: 32401
Ion Ratio Lower Upper
41 100
39 60.8 34.3 102.8
76 43.6 16.7 50.0

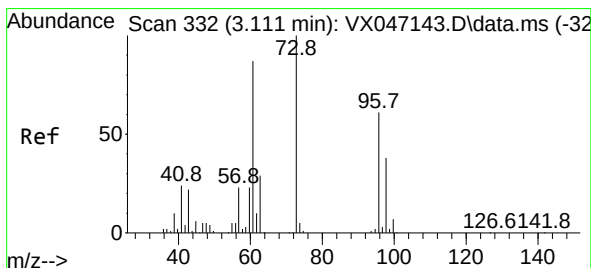
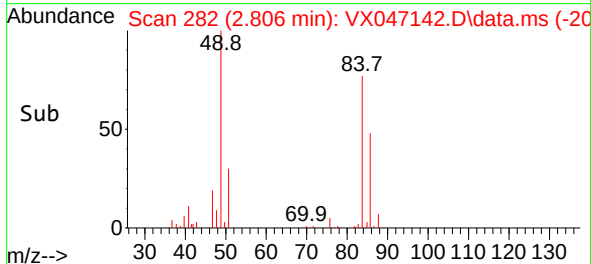
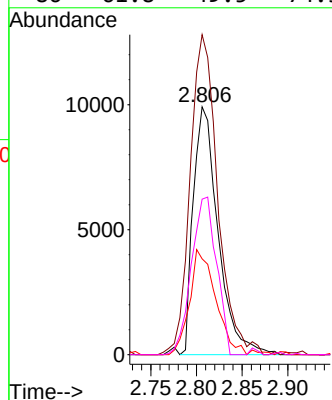
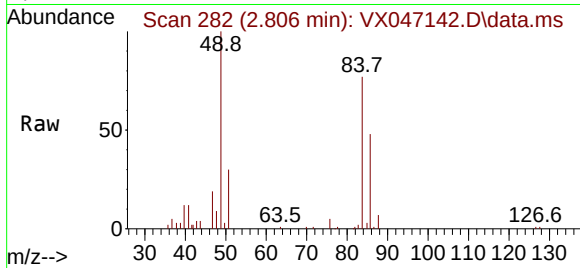




#18
Methylene Chloride
Concen: 4.311 ug/l
RT: 2.806 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

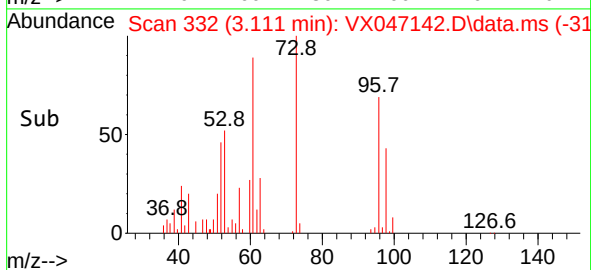
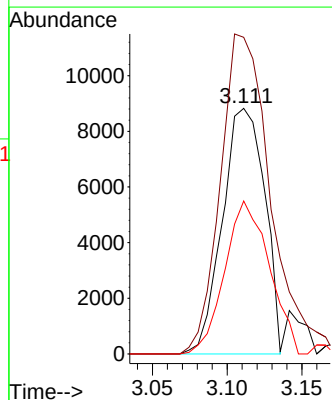
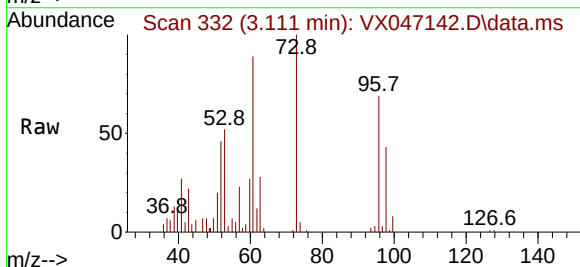
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

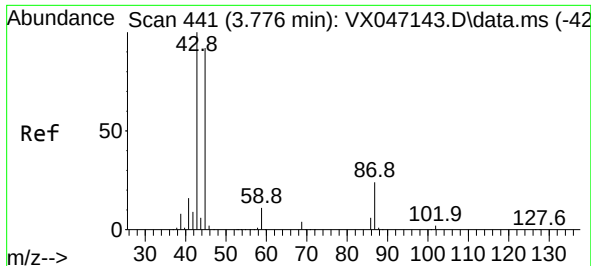
Tgt Ion:	84	Resp:	18799
Ion	Ratio	Lower	Upper
84	100		
49	133.4	107.9	161.9
51	37.4	33.4	50.2
86	61.8	49.5	74.3



#19
trans-1,2-Dichloroethene
Concen: 4.189 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:	96	Resp:	17331
Ion	Ratio	Lower	Upper
96	100		
61	122.8	122.3	183.5
98	61.3	50.2	75.2

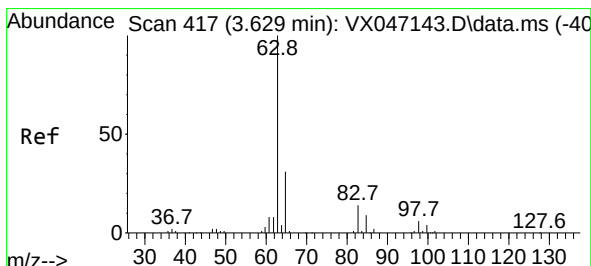
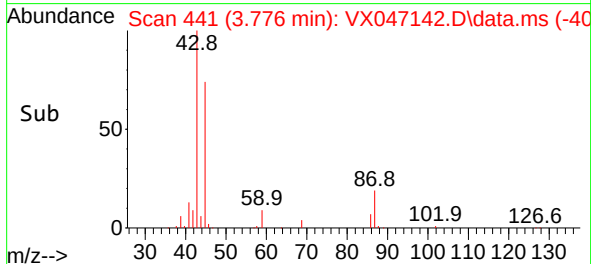
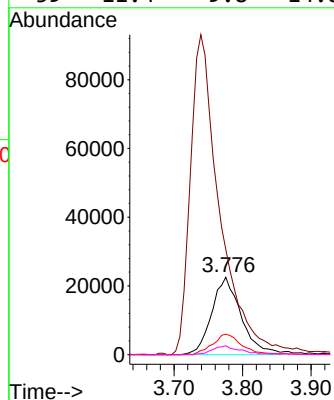
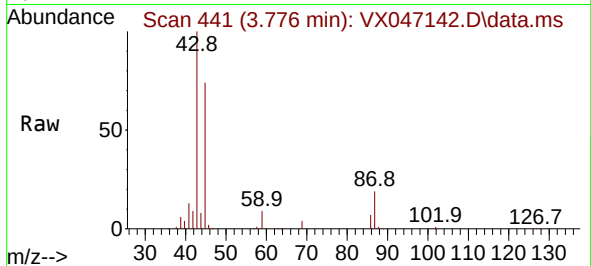




#20
Diisopropyl ether
Concen: 4.541 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

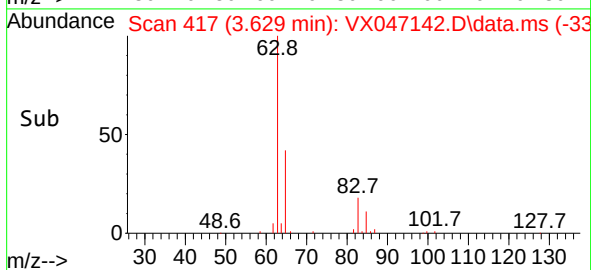
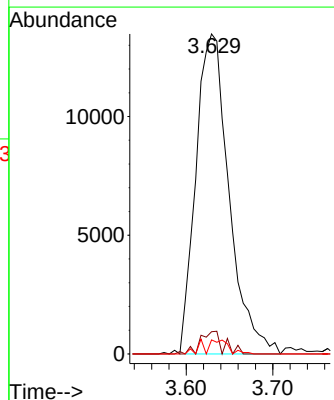
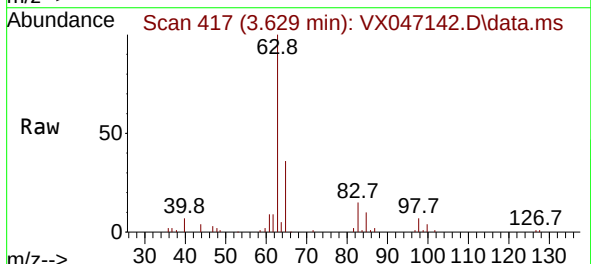
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

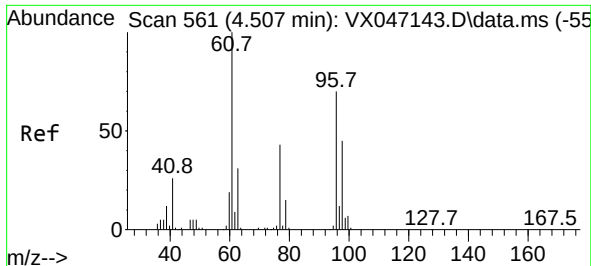
Tgt Ion:	45	Resp:	67017
Ion	Ratio	Lower	Upper
45	100		
43	120.2	89.1	133.7
87	27.4	21.3	31.9
59	11.4	9.8	14.8



#21
1,1-Dichloroethane
Concen: 4.467 ug/l
RT: 3.629 min Scan# 417
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:	63	Resp:	35888
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.5	10.5
100	4.2	2.2	6.6

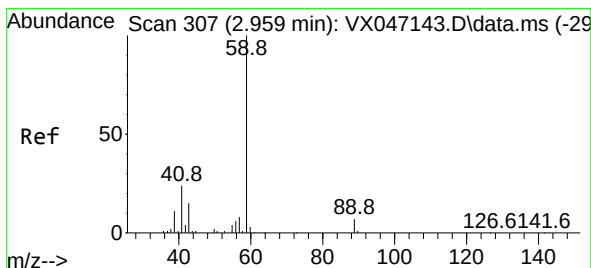
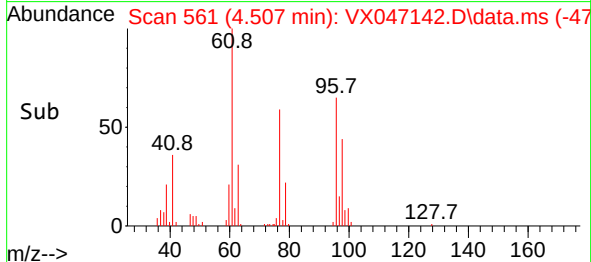
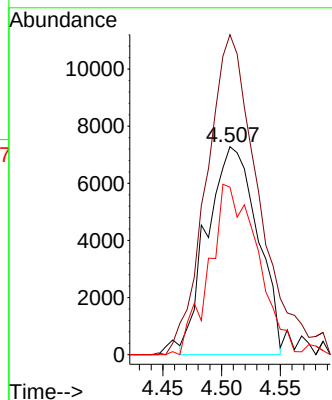
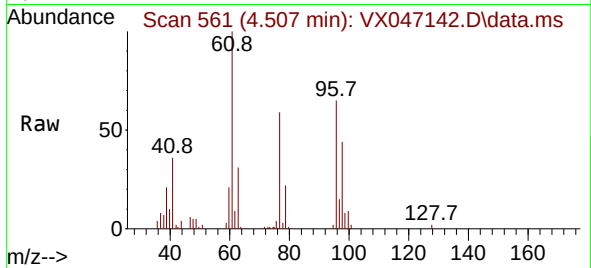




#22
 cis-1,2-Dichloroethene
 Concen: 4.293 ug/l
 RT: 4.507 min Scan# 561
 Delta R.T. -0.000 min
 Lab File: VX047142.D
 Acq: 25 Jul 2025 15:18

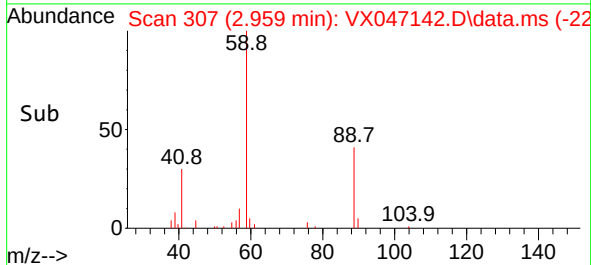
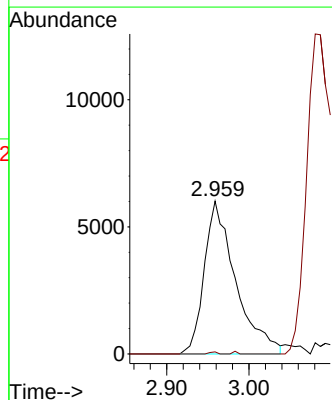
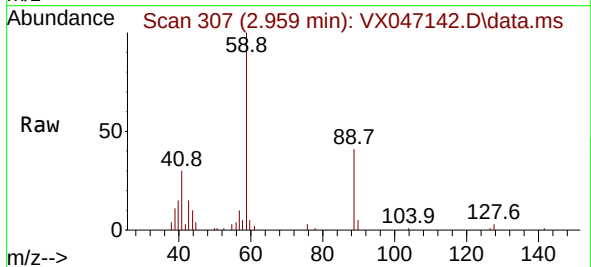
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

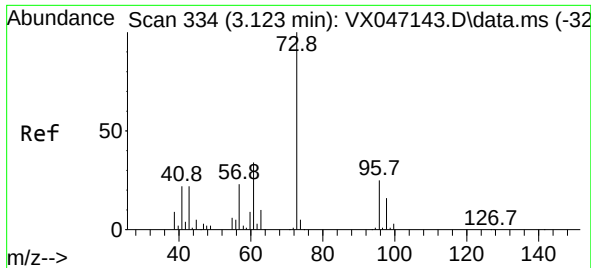
Tgt Ion: 96 Resp: 21691
 Ion Ratio Lower Upper
 96 100
 61 157.3 120.0 180.0
 98 71.6 52.8 79.2



#23
 tert-Butyl Alcohol
 Concen: 27.764 ug/l
 RT: 2.959 min Scan# 307
 Delta R.T. -0.000 min
 Lab File: VX047142.D
 Acq: 25 Jul 2025 15:18

Tgt Ion: 59 Resp: 15997
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

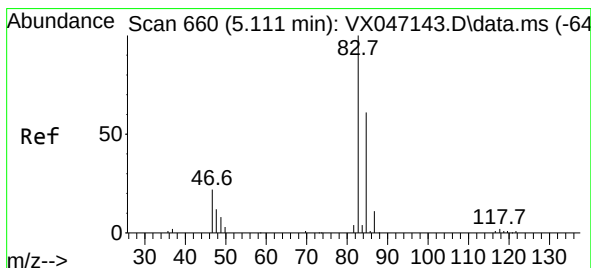
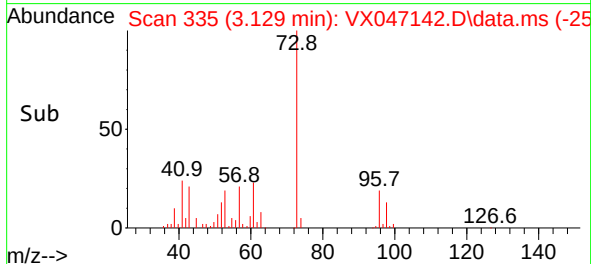
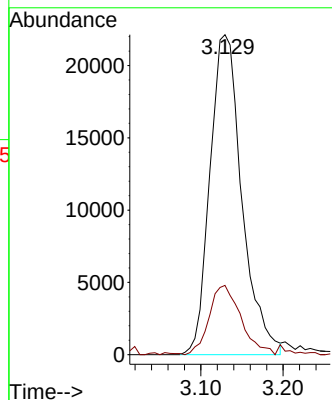
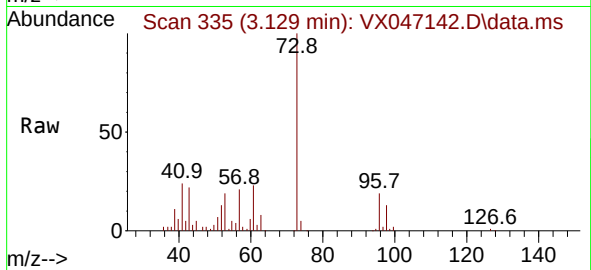




#24
Methyl tert-Butyl Ether
Concen: 4.416 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

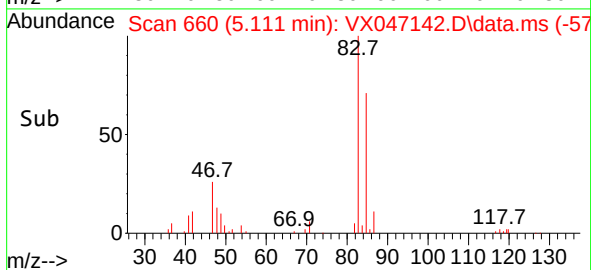
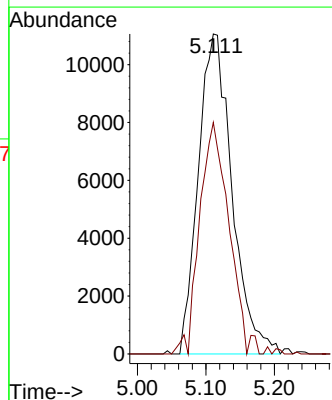
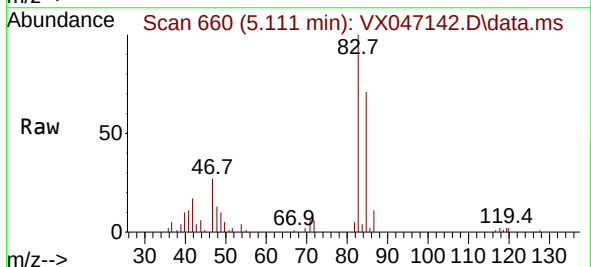
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

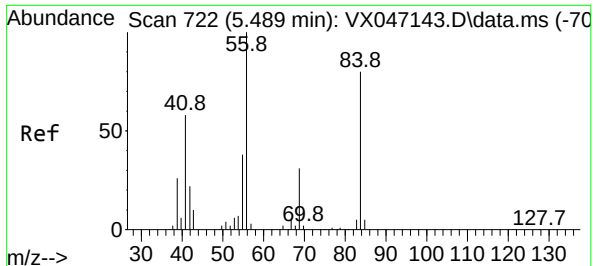
Tgt Ion: 73 Resp: 59761
Ion Ratio Lower Upper
73 100
43 21.2 16.9 25.3



#25
Chloroform
Concen: 4.783 ug/l
RT: 5.111 min Scan# 660
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 83 Resp: 37832
Ion Ratio Lower Upper
83 100
85 68.6 48.0 72.0

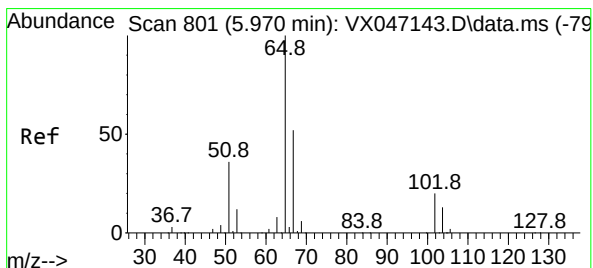
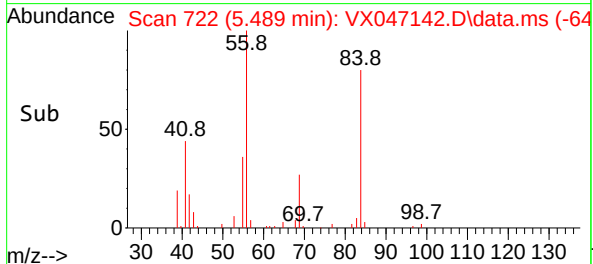
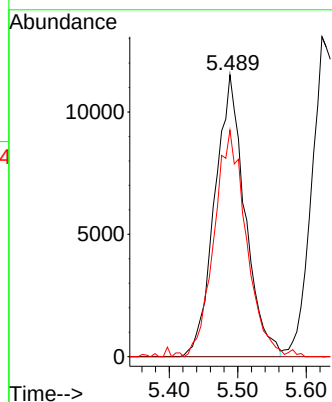
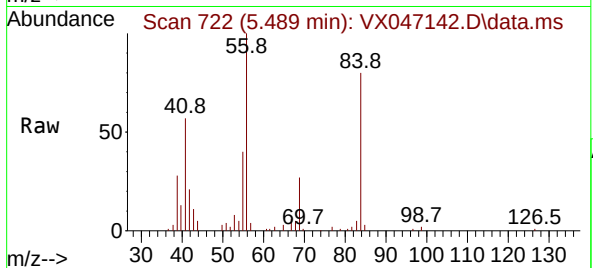




#26
Cyclohexane
Concen: 4.538 ug/l
RT: 5.489 min Scan# 722
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

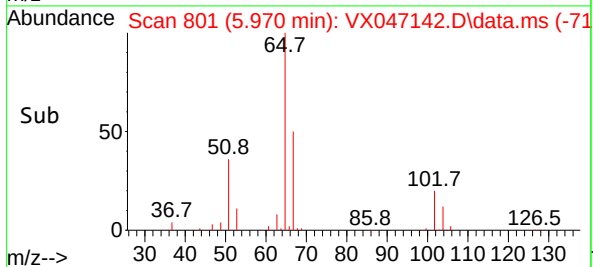
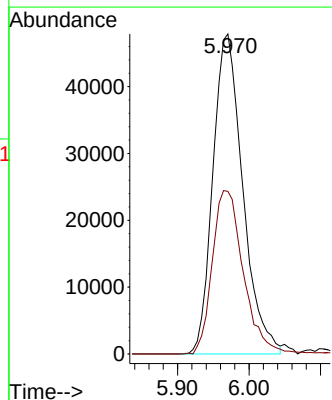
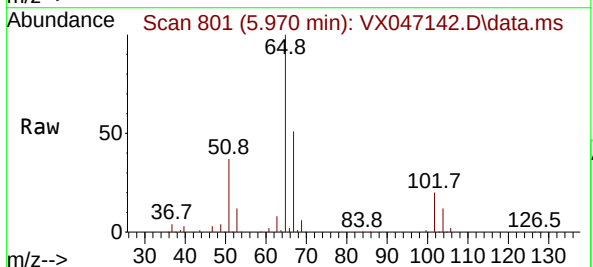
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

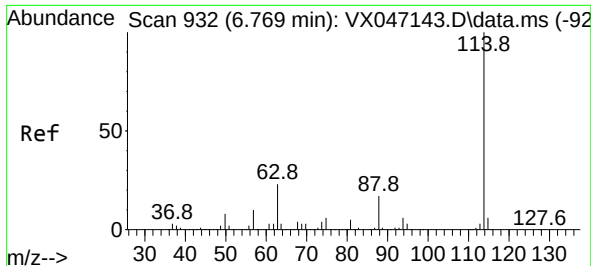
Tgt Ion: 56 Resp: 35396
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.8 67.9 101.9



#27
1,2-Dichloroethane-d4
Concen: 27.549 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 65 Resp: 138949
Ion Ratio Lower Upper
65 100
67 53.2 40.7 61.1

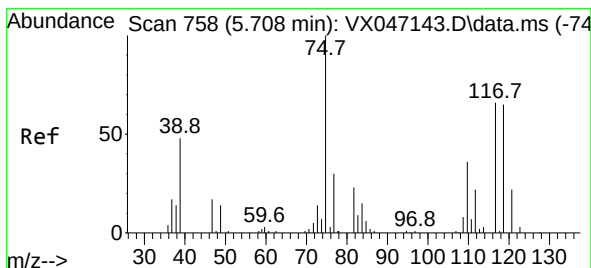
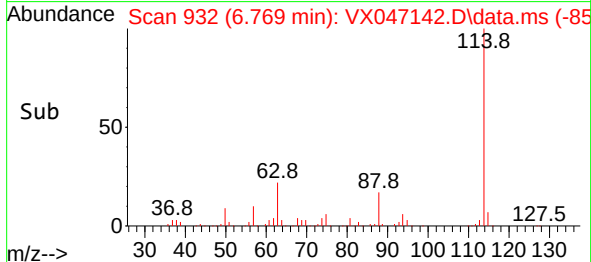
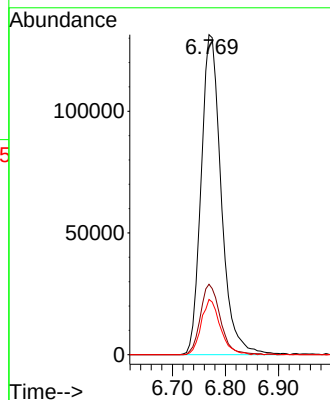
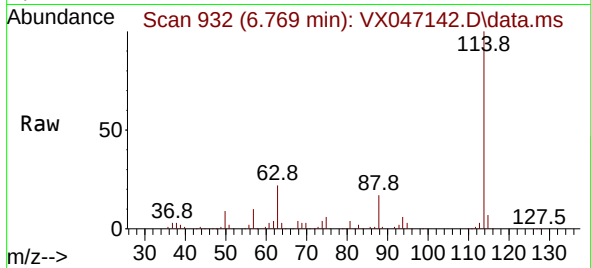




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

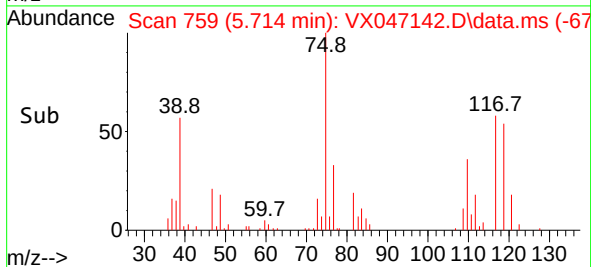
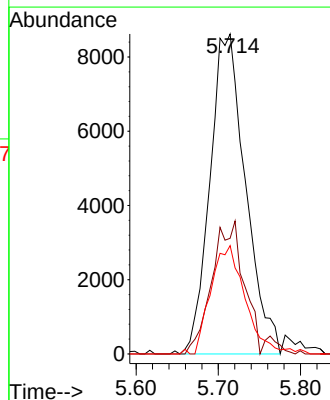
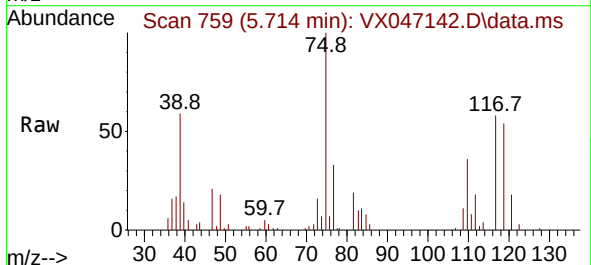
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

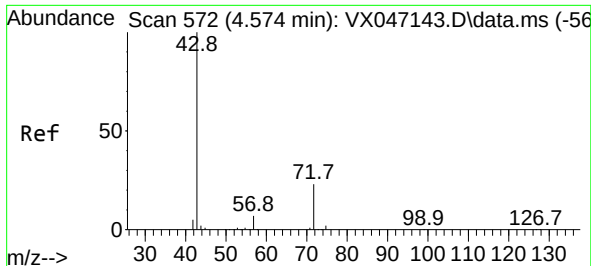
Tgt Ion:114 Resp: 346035
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.0
88 16.4 13.0 19.6



#29
1,1-Dichloropropene
Concen: 4.818 ug/l
RT: 5.714 min Scan# 759
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 75 Resp: 25967
Ion Ratio Lower Upper
75 100
110 18.7 0.0 70.8
77 32.2 0.0 61.6

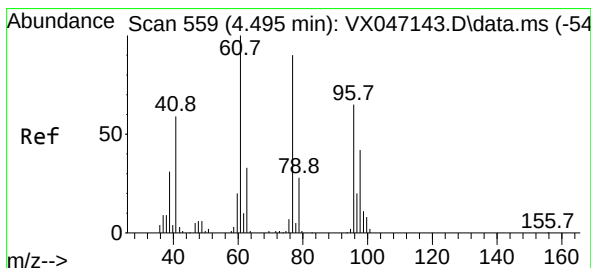
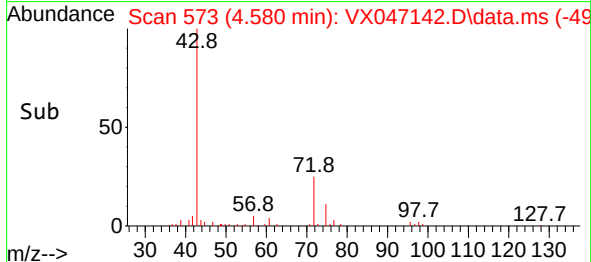
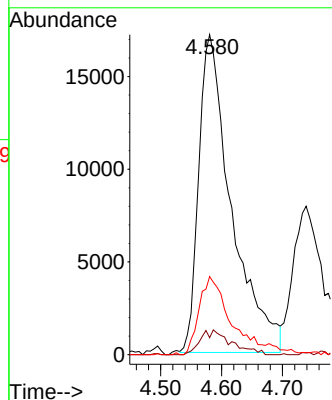
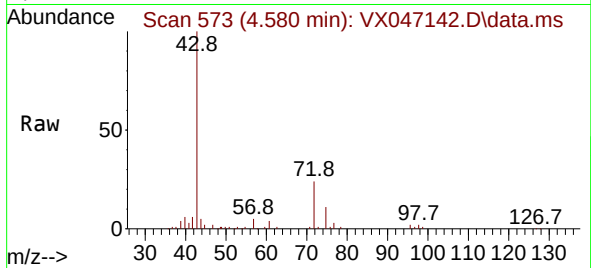




#30
2-Butanone
Concen: 25.054 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

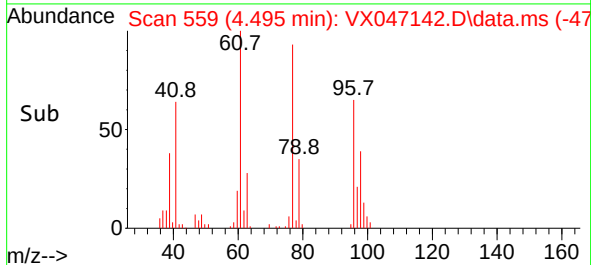
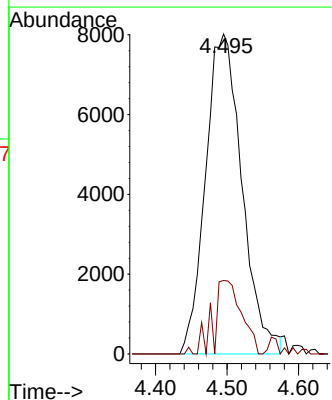
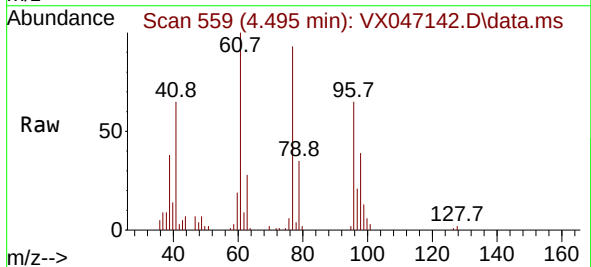
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

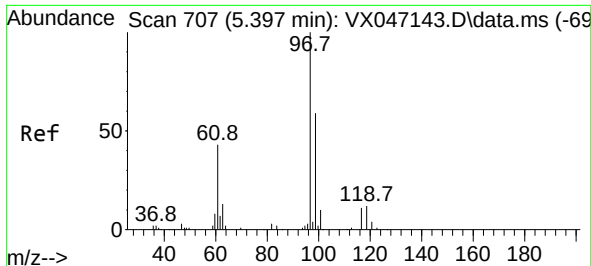
Tgt Ion: 43 Resp: 63779
Ion Ratio Lower Upper
43 100
57 2.3 5.9 8.9#
72 23.1 20.2 30.2



#31
2,2-Dichloropropane
Concen: 4.910 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 77 Resp: 28413
Ion Ratio Lower Upper
77 100
97 14.7 14.5 21.7

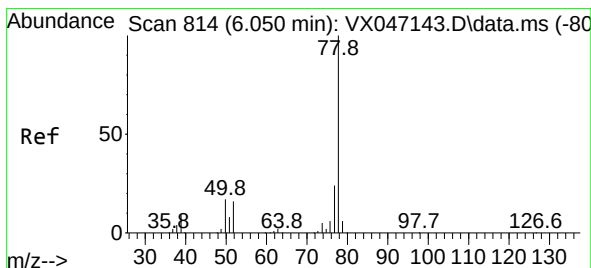
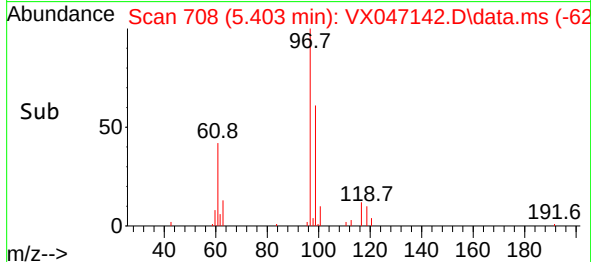
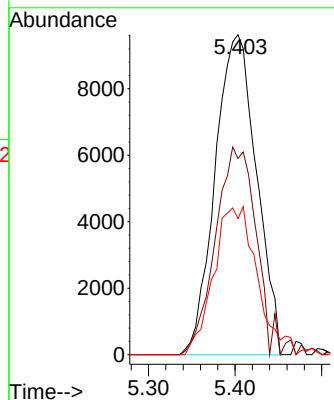
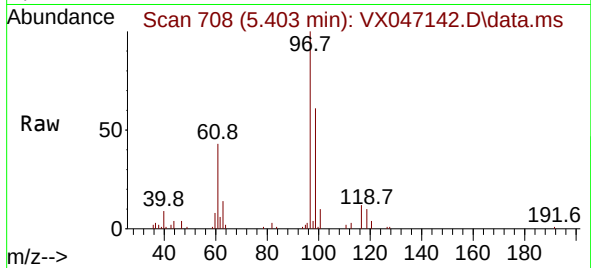




#32
1,1,1-Trichloroethane
Concen: 4.789 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

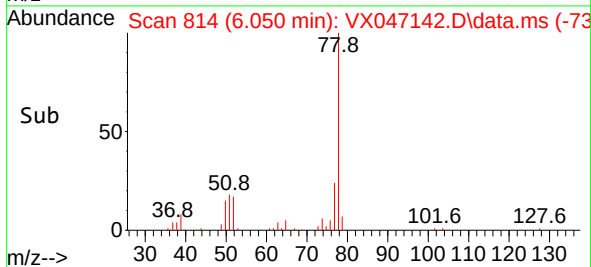
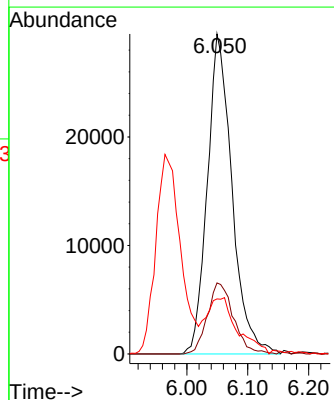
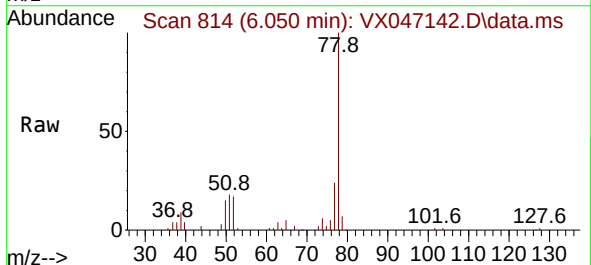
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

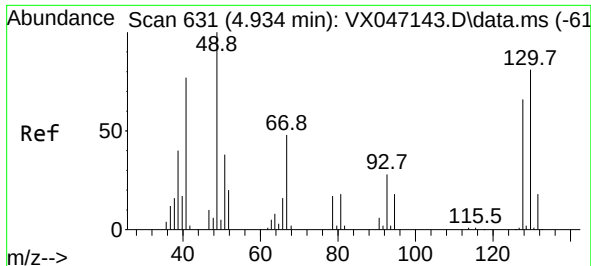
Tgt Ion: 97 Resp: 31958
Ion Ratio Lower Upper
97 100
99 61.8 30.0 45.0#
61 28.6 36.1 54.1#



#34
Benzene
Concen: 5.208 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 78 Resp: 82862
Ion Ratio Lower Upper
78 100
77 22.2 17.6 26.4
51 16.0 13.8 20.6



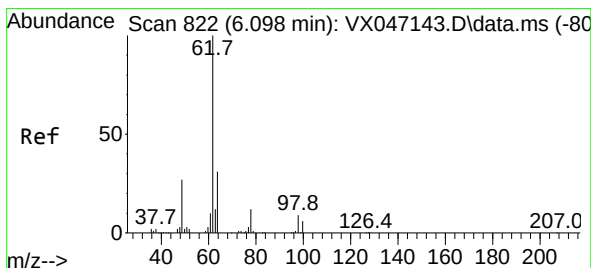
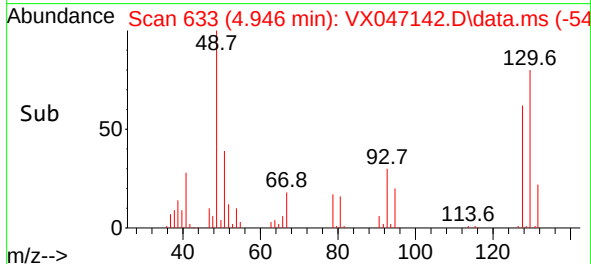
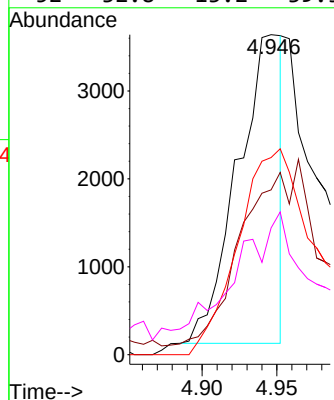
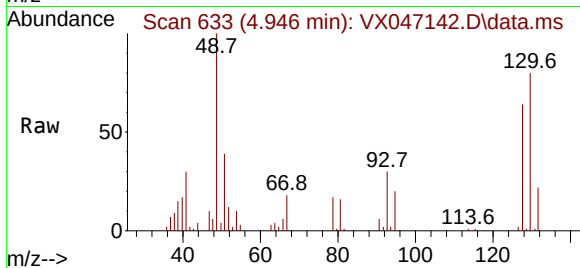


#35
Methacrylonitrile
Concen: 2.634 ug/l
RT: 4.946 min Scan# 611
Delta R.T. 0.012 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 7249

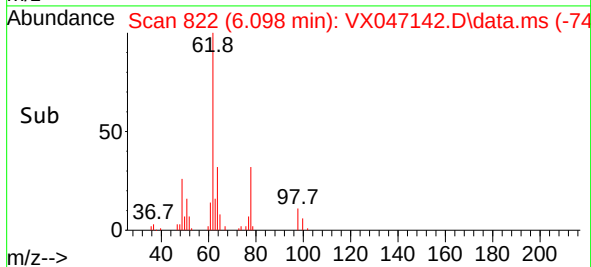
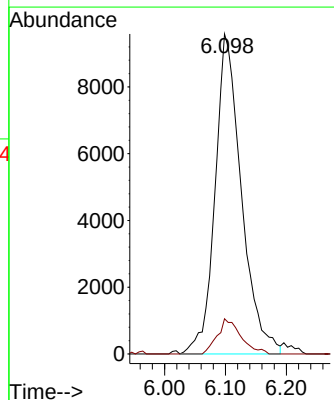
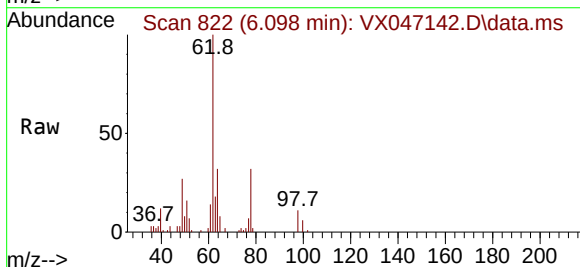
Ion	Ratio	Lower	Upper
41	100		
39	15.5	26.2	78.5#
67	63.9	31.4	94.3
52	32.8	13.2	39.5

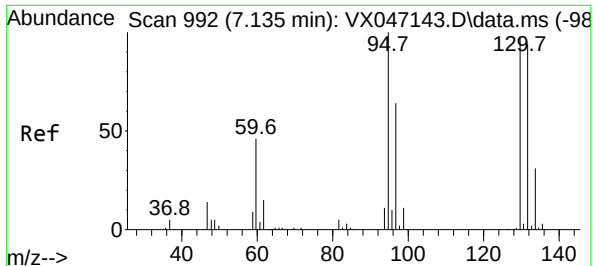


#36
1,2-Dichloroethane
Concen: 5.039 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 62 Resp: 28794

Ion	Ratio	Lower	Upper
62	100		
98	9.5	6.7	10.1





#37

Trichloroethene

Concen: 5.048 ug/l

RT: 7.141 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

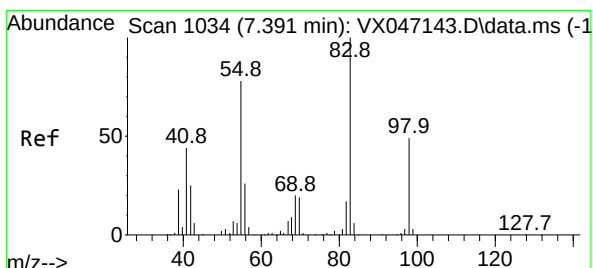
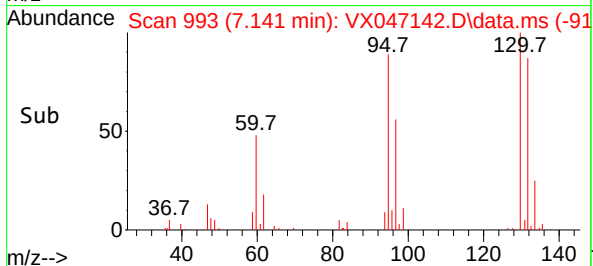
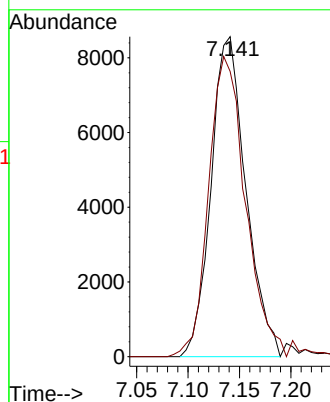
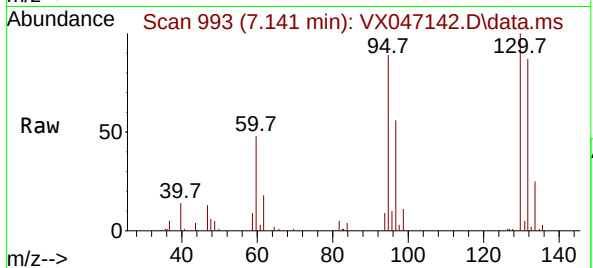
VSTDIC005

Tgt Ion:130 Resp: 20214

Ion Ratio Lower Upper

130 100

95 87.4 79.4 119.2



#38

Methylcyclohexane

Concen: 4.995 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

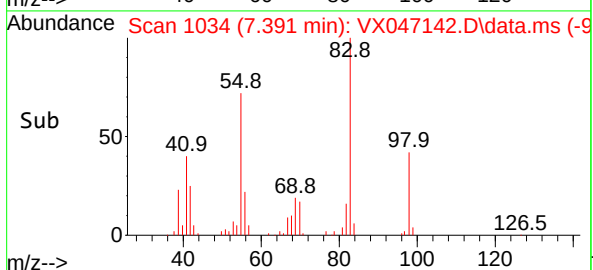
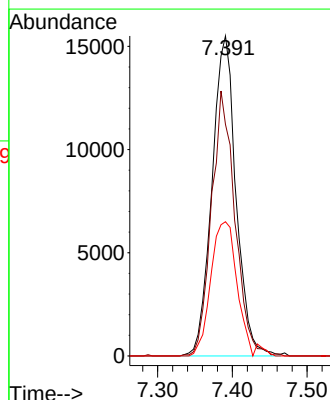
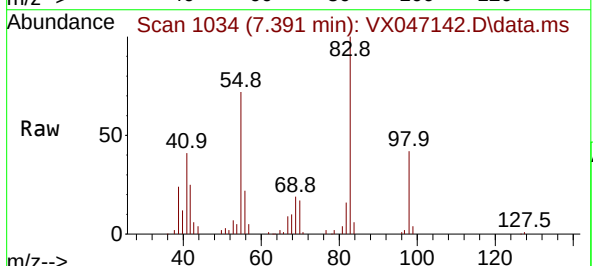
Tgt Ion: 83 Resp: 34703

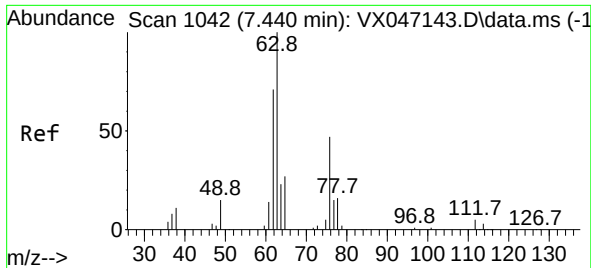
Ion Ratio Lower Upper

83 100

55 80.4 40.3 120.8

98 45.3 24.3 72.9





#39

1,2-Dichloropropane

Concen: 5.055 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

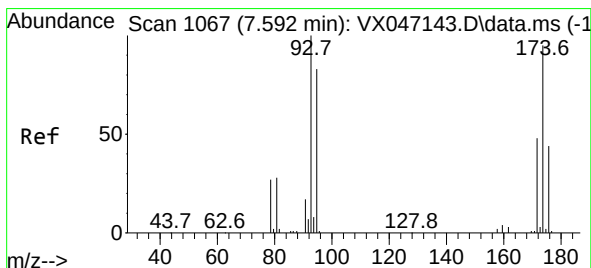
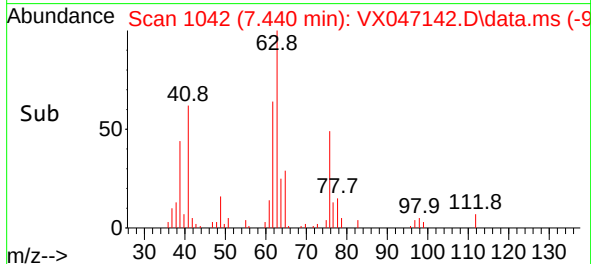
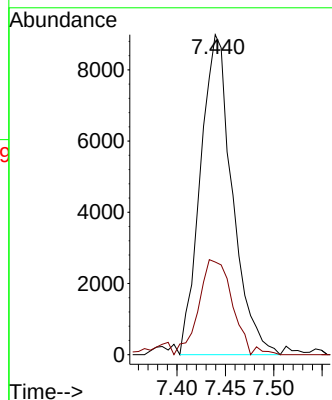
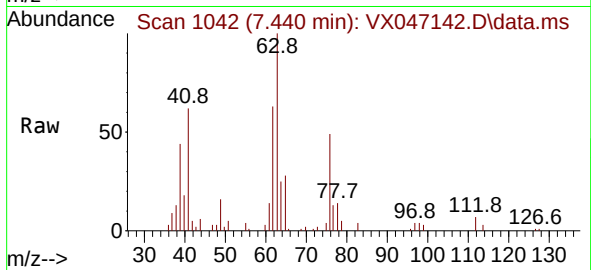
VSTDICC005

Tgt Ion: 63 Resp: 20619

Ion Ratio Lower Upper

63 100

65 23.3 19.8 29.6



#40

Dibromomethane

Concen: 3.972 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

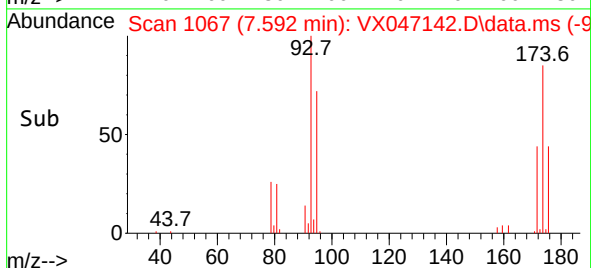
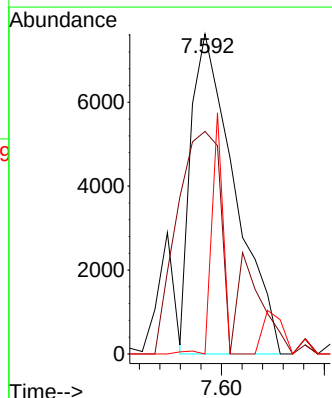
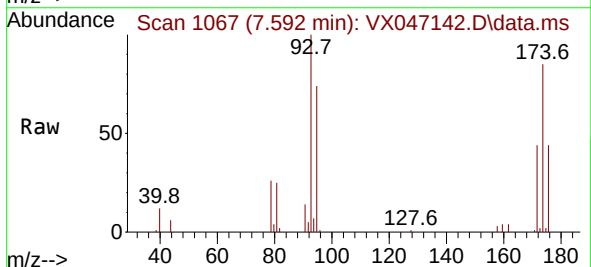
Tgt Ion: 93 Resp: 11302

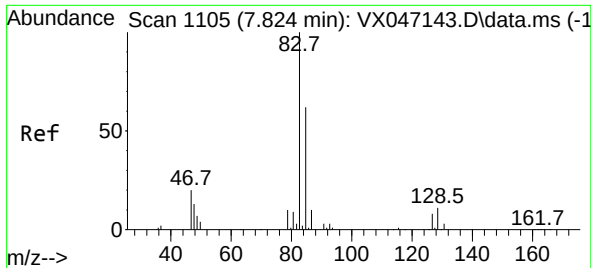
Ion Ratio Lower Upper

93 100

95 68.1 0.0 166.2

174 18.6 0.0 26.4

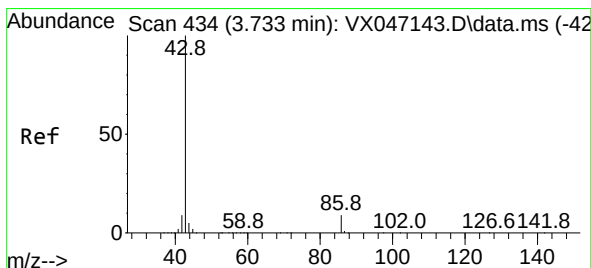
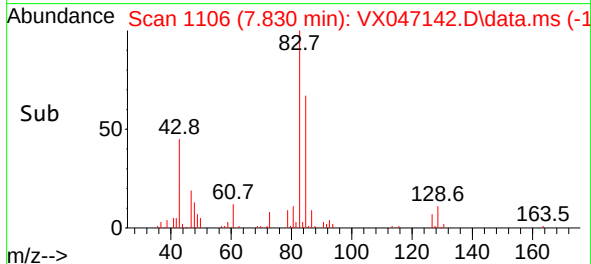
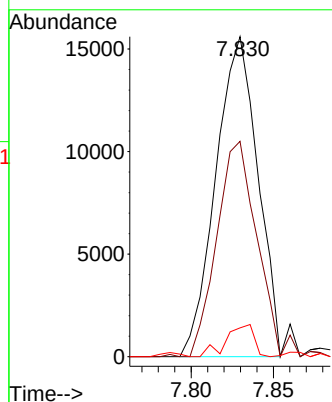
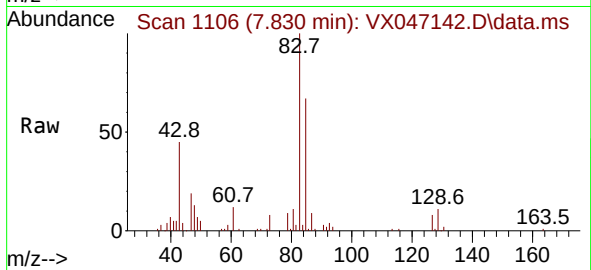




#41
Bromodichloromethane
Concen: 4.659 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

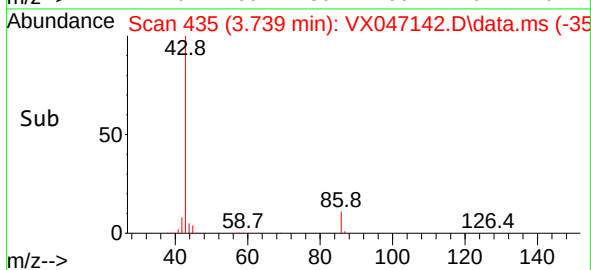
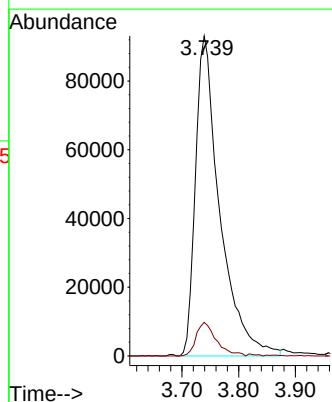
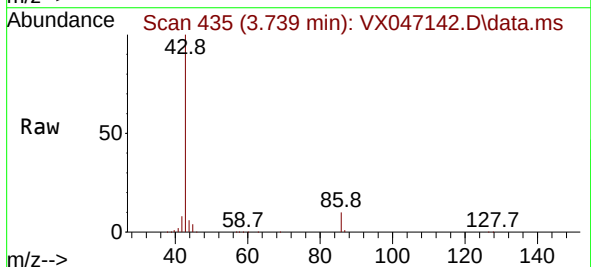
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

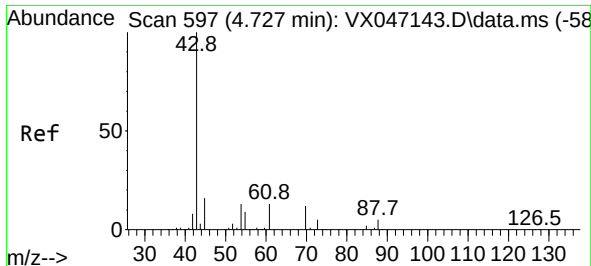
Tgt Ion: 83 Resp: 27740
Ion Ratio Lower Upper
83 100
85 65.4 47.2 70.8
127 8.4 7.1 10.7



#42
Vinyl Acetate
Concen: 23.717 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 43 Resp: 277547
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3

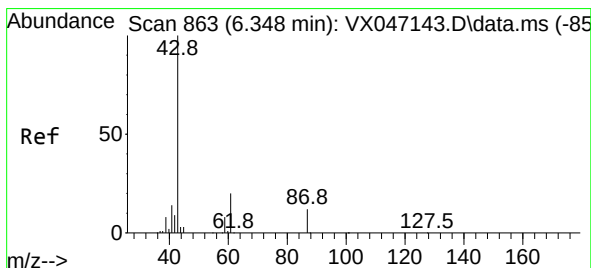
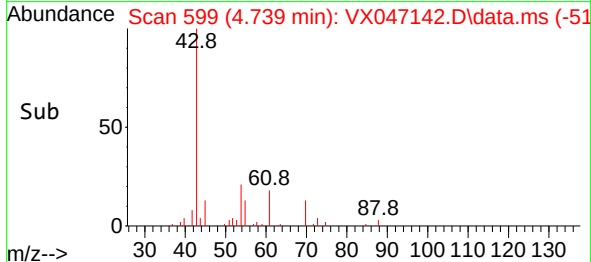
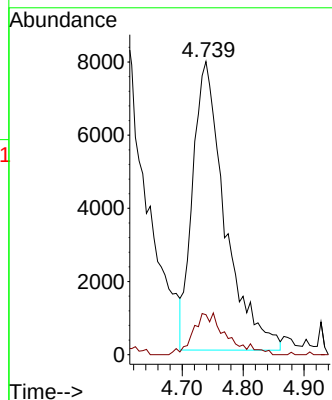
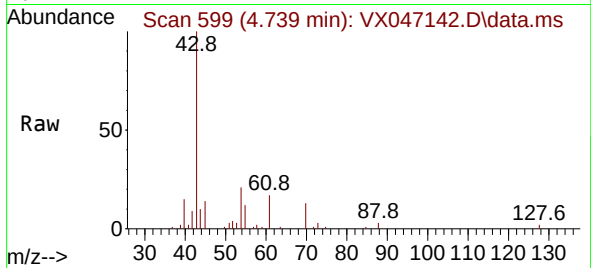




#43
Ethyl Acetate
Concen: 4.998 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.012 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

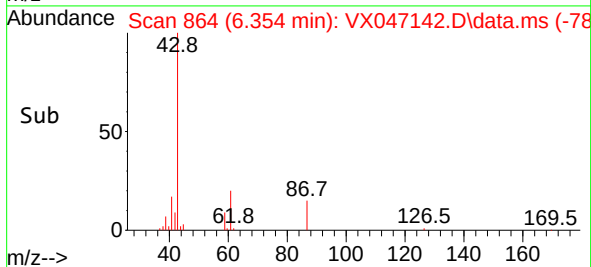
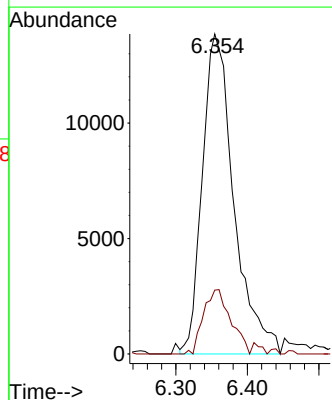
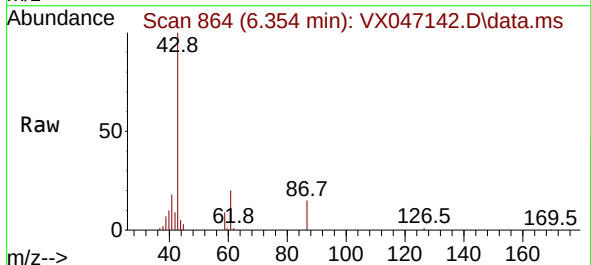
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

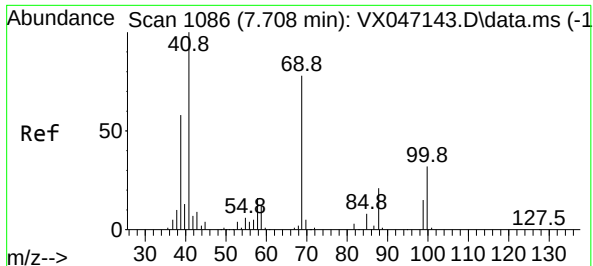
Tgt Ion: 43 Resp: 29012
Ion Ratio Lower Upper
43 100
45 6.4 10.6 16.0#



#44
Isopropyl Acetate
Concen: 4.645 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 43 Resp: 42422
Ion Ratio Lower Upper
43 100
61 17.2 14.7 22.1

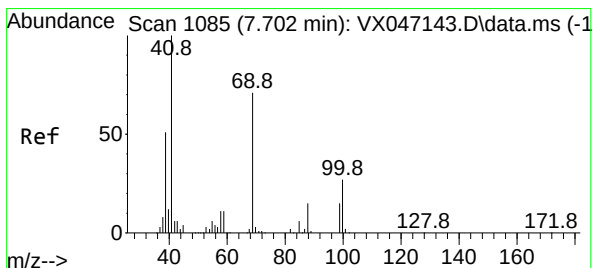
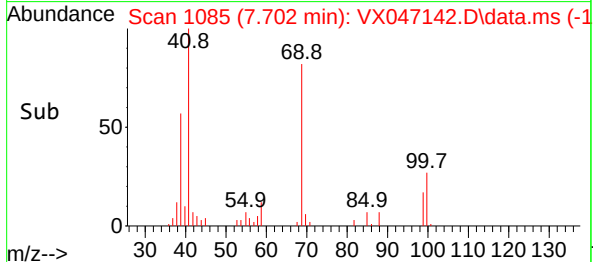
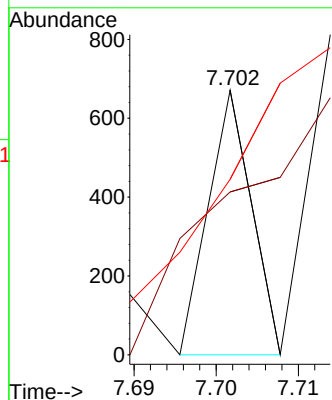
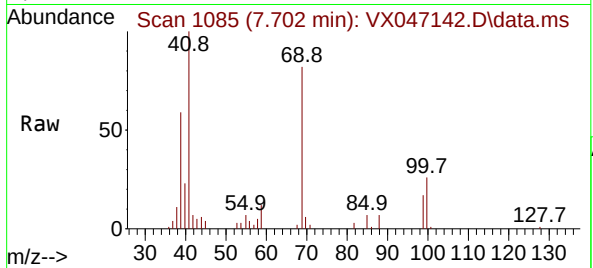




#45
1,4-Dioxane
Concen: 4.310 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

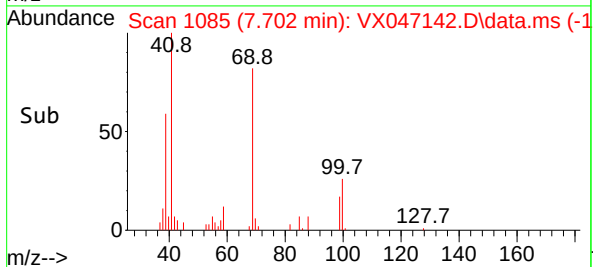
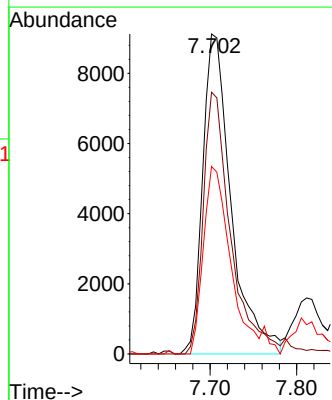
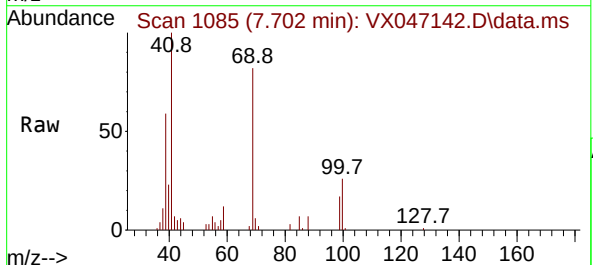
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

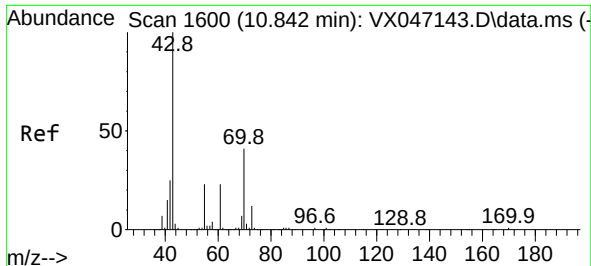
Tgt Ion: 88 Resp: 246
Ion Ratio Lower Upper
88 100
43 0.0 30.2 45.2#
58 0.0 33.3 49.9#



#46
Methyl methacrylate
Concen: 4.452 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 41 Resp: 20866
Ion Ratio Lower Upper
41 100
69 87.4 35.8 107.3
39 58.6 24.4 73.4

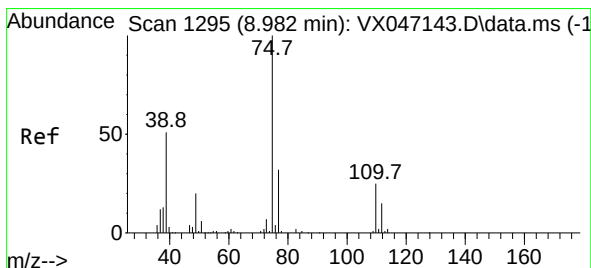
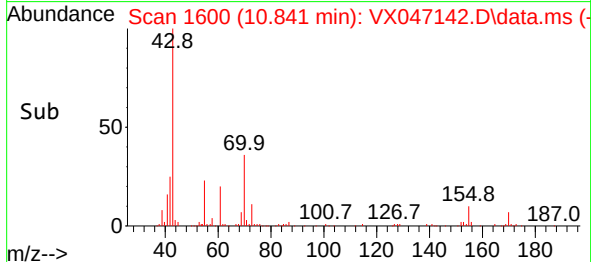
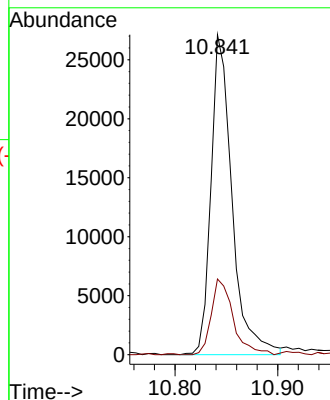
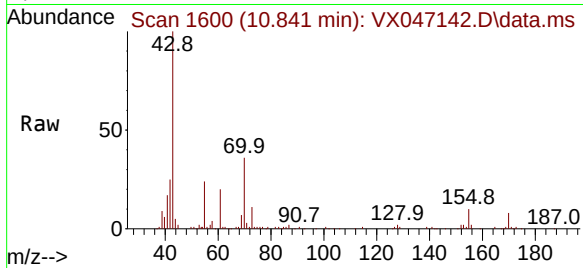




#47
n-amy1 Acetate
Concen: 4.840 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

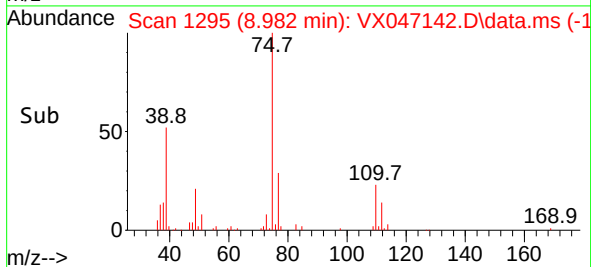
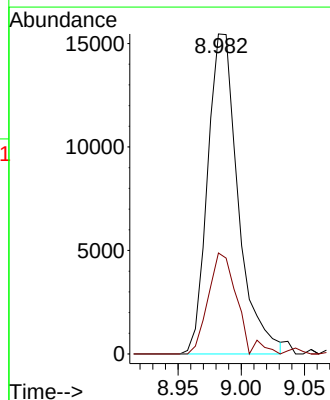
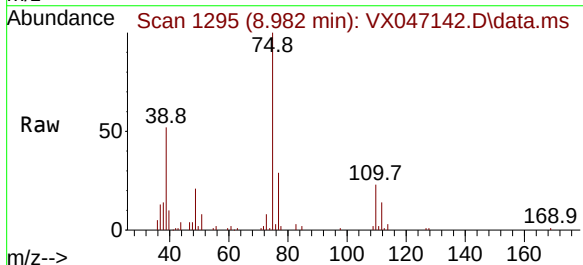
Instrument : MSVOA_X
ClientSampleId : VSTDIC005

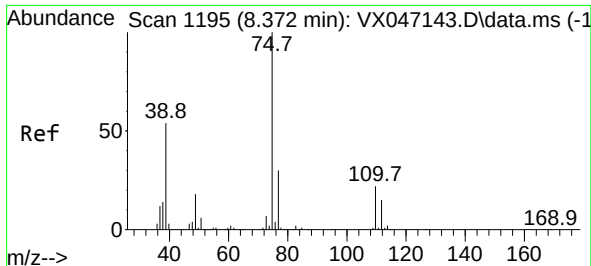
Tgt Ion: 43 Resp: 38648
Ion Ratio Lower Upper
43 100
55 24.5 18.4 27.6



#48
t-1,3-Dichloropropene
Concen: 4.518 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 75 Resp: 26003
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 4.841 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

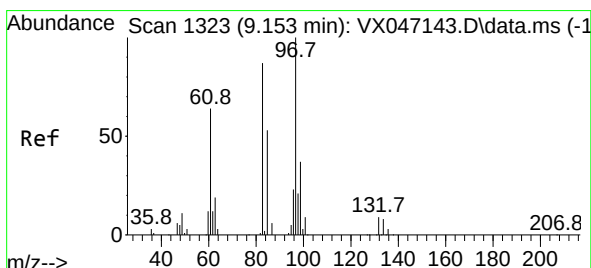
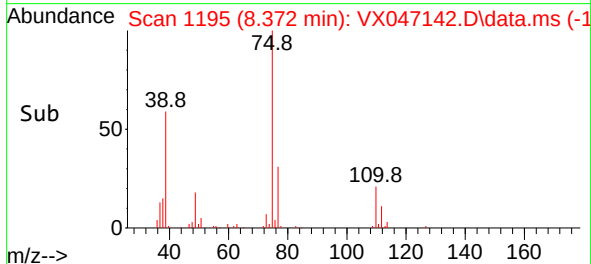
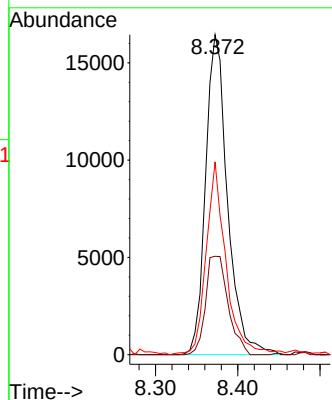
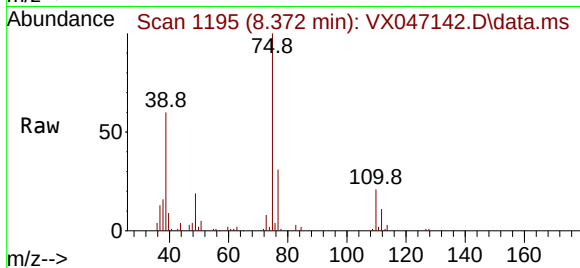
Tgt Ion: 75 Resp: 30476

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

39 65.5 42.7 64.1#



#50

1,1,2-Trichloroethane

Concen: 4.748 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Tgt Ion: 97 Resp: 17967

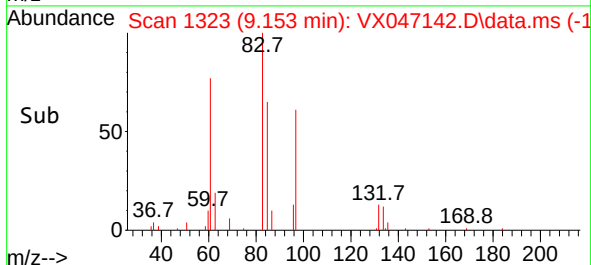
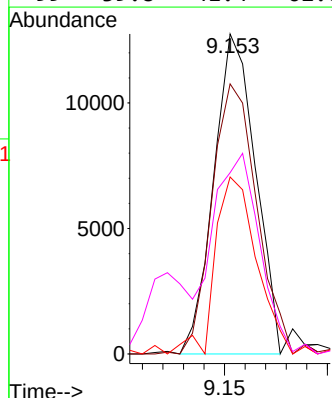
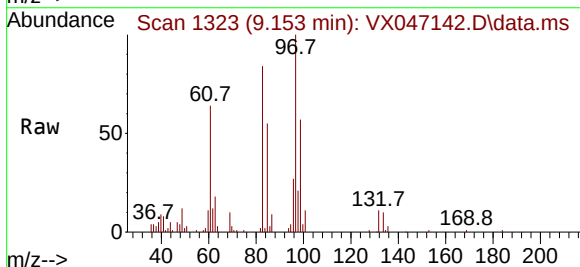
Ion Ratio Lower Upper

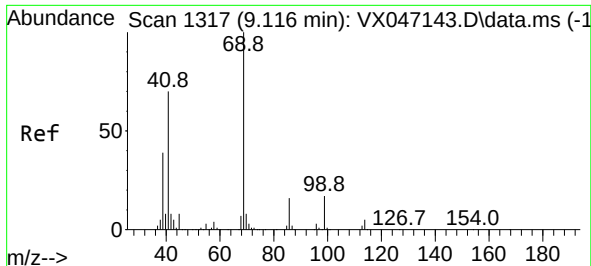
97 100

83 70.0 58.3 87.5

85 43.4 36.5 54.7

99 39.8 41.4 62.0#

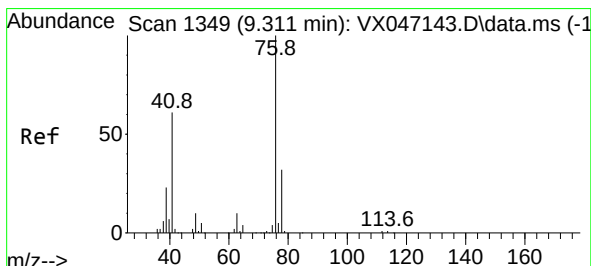
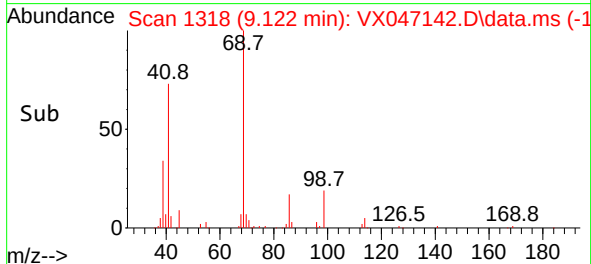
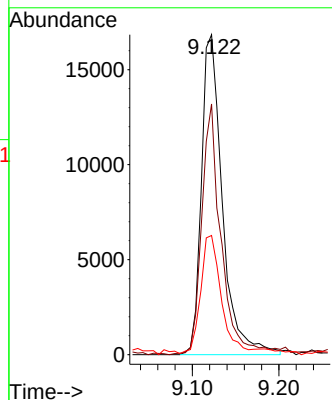
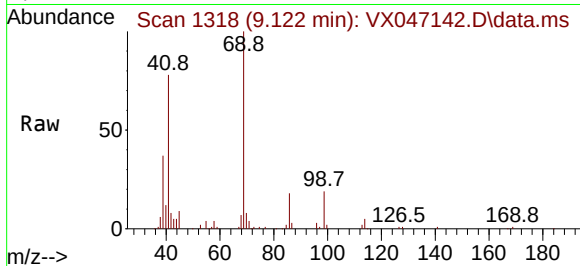




#51
Ethyl methacrylate
Concen: 4.588 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

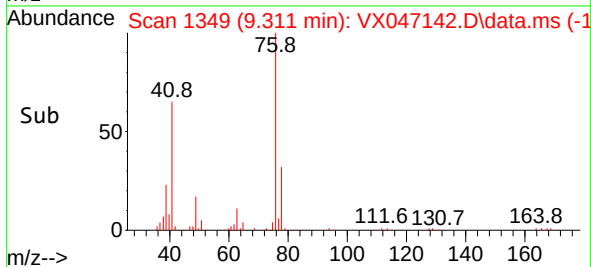
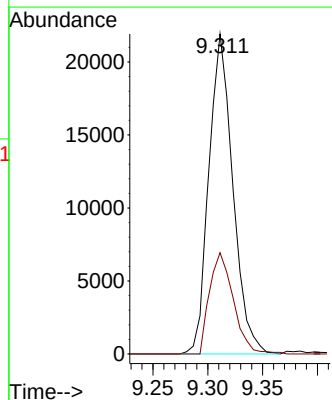
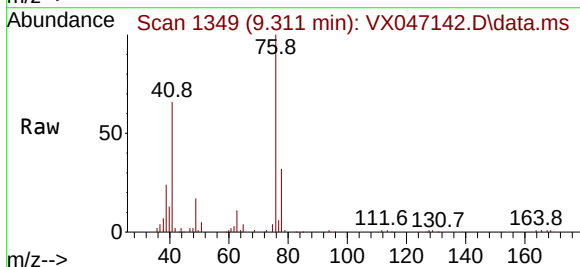
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

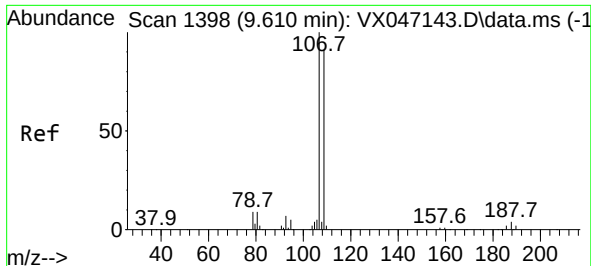
Tgt Ion: 69 Resp: 28306
Ion Ratio Lower Upper
69 100
41 77.9 35.0 105.1
39 31.1 19.5 58.5



#52
1,3-Dichloropropane
Concen: 5.086 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 76 Resp: 33389
Ion Ratio Lower Upper
76 100
78 31.4 0.0 63.6





#54

1,2-Dibromoethane

Concen: 4.546 ug/l

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

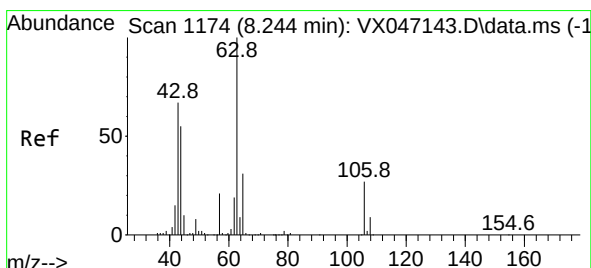
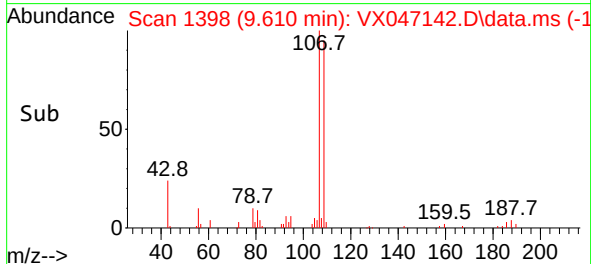
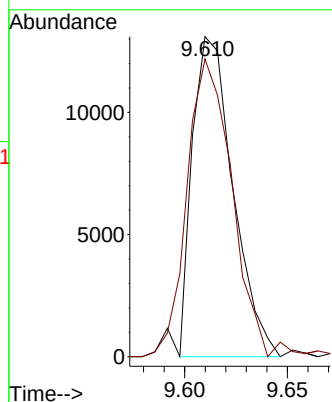
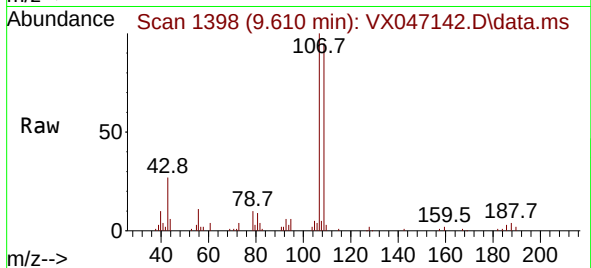
VSTDIC005

Tgt Ion:107 Resp: 18009

Ion Ratio Lower Upper

107 100

109 101.7 74.0 111.0



#55

2-Chloroethyl vinyl ether

Concen: 21.753 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

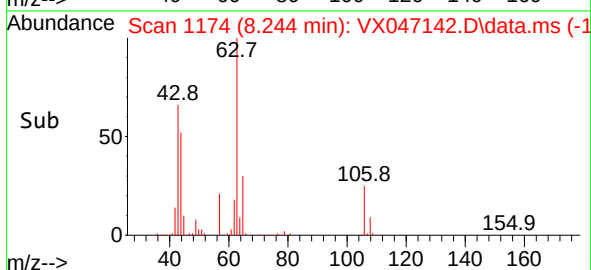
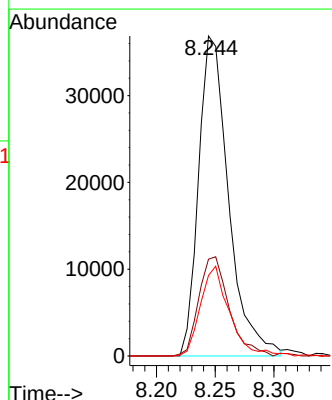
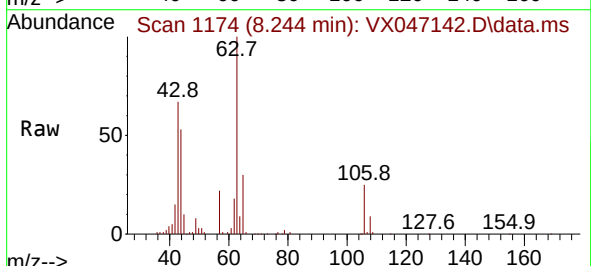
Tgt Ion: 63 Resp: 65439

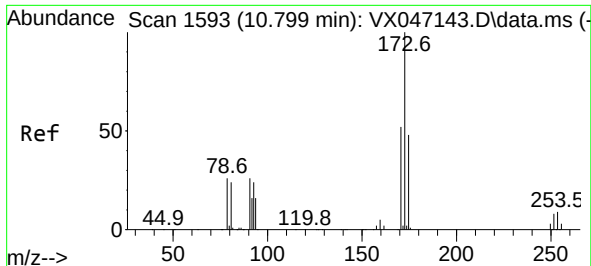
Ion Ratio Lower Upper

63 100

65 31.2 25.8 38.6

106 26.2 22.1 33.1

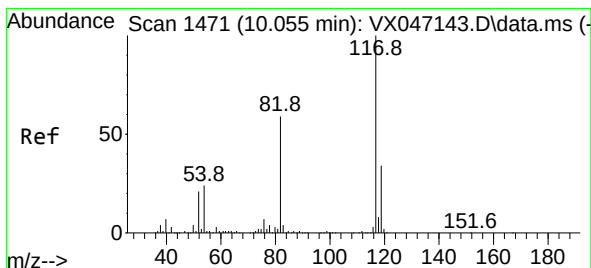
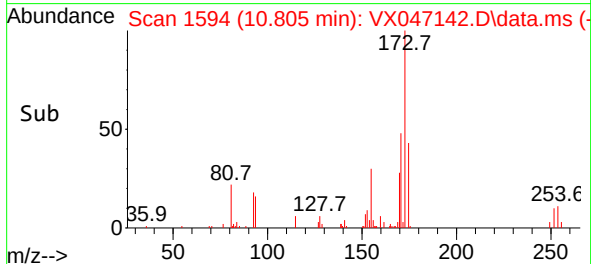
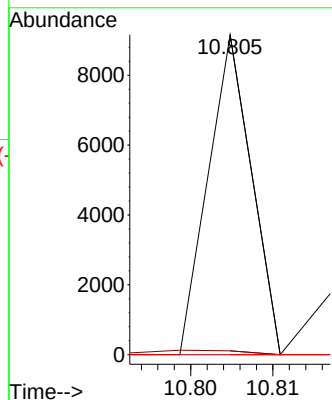
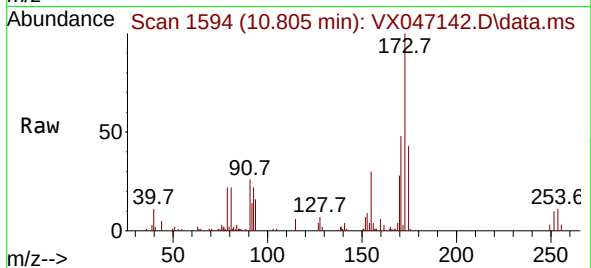




#56
Bromoform
Concen: 59.544 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

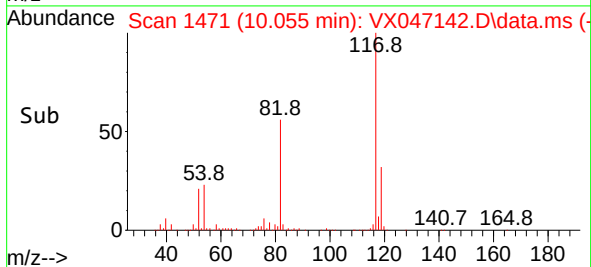
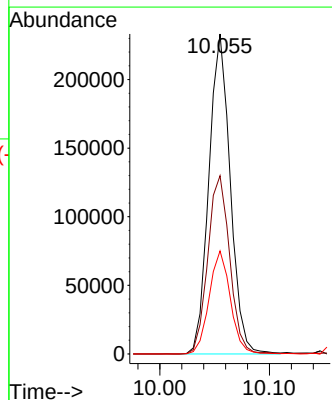
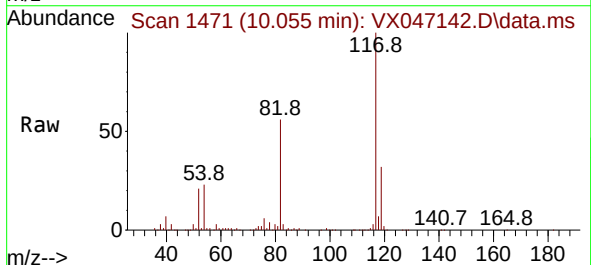
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

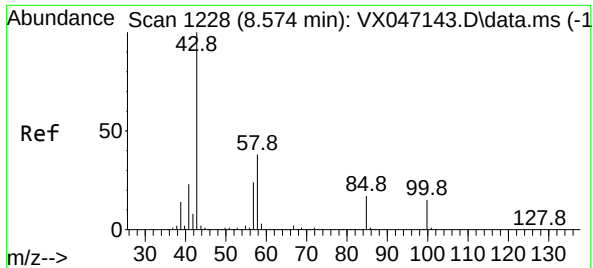
Tgt Ion:173 Resp: 3353
Ion Ratio Lower Upper
173 100
175 2.6 2.6 3.8
254 0.0 2.2 3.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:117 Resp: 315911
Ion Ratio Lower Upper
117 100
82 56.9 46.0 69.0
119 32.0 25.8 38.8

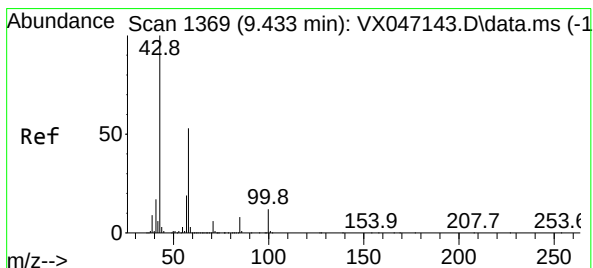
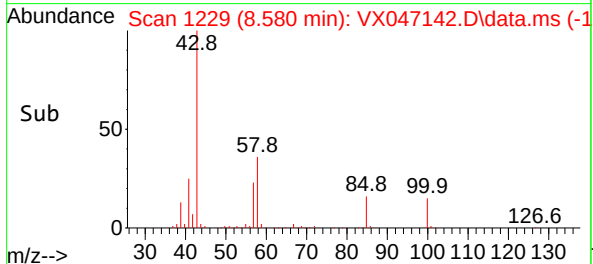
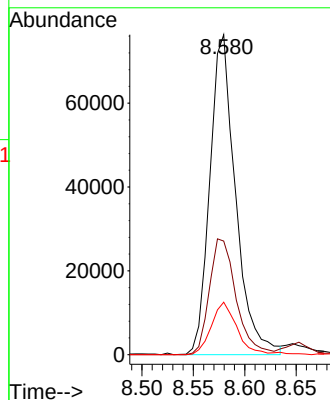
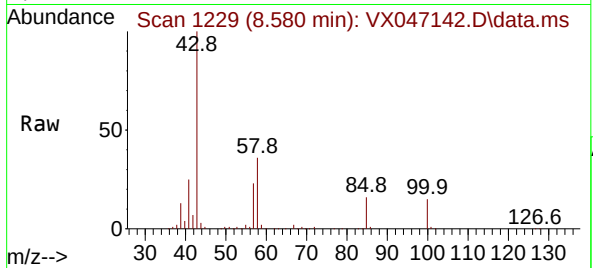




#58
4-Methyl-2-Pentanone
Concen: 24.168 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

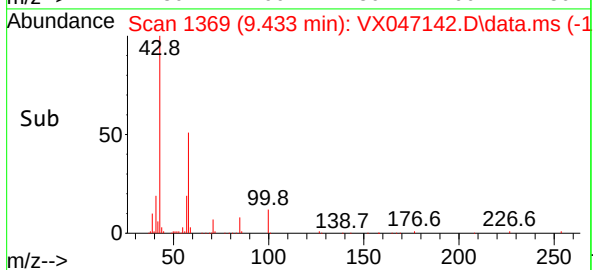
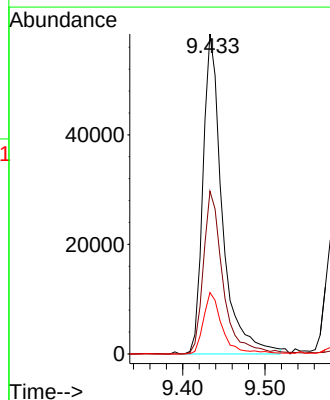
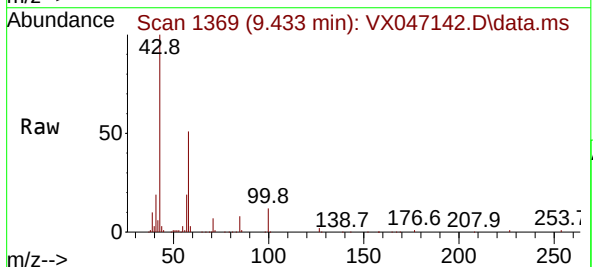
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

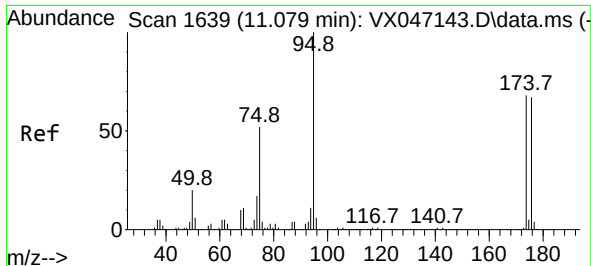
Tgt Ion: 43 Resp: 133214
Ion Ratio Lower Upper
43 100
58 37.6 30.6 45.8
85 16.1 13.4 20.2



#59
2-Hexanone
Concen: 24.398 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 43 Resp: 95135
Ion Ratio Lower Upper
43 100
58 52.2 42.0 63.0
57 18.0 14.6 21.8

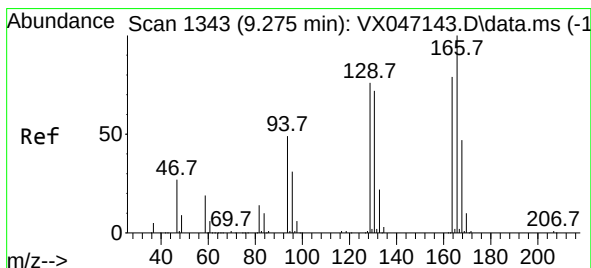
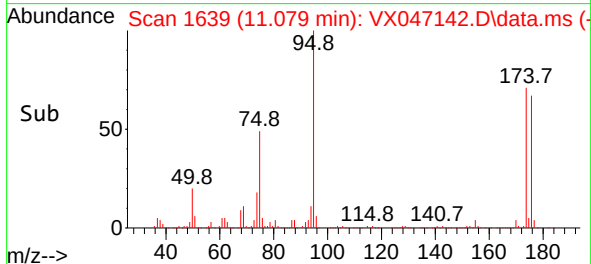
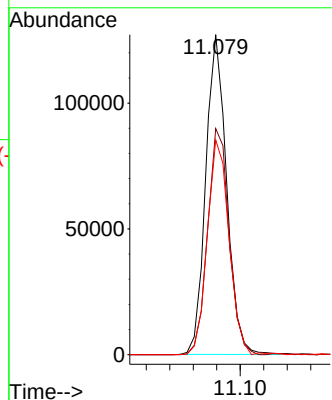
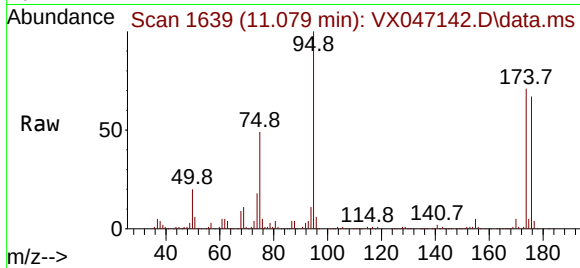




#60
4-Bromofluorobenzene
Concen: 30.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

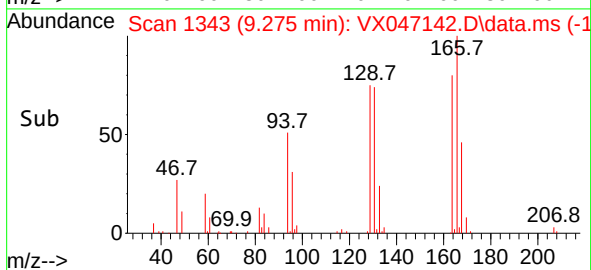
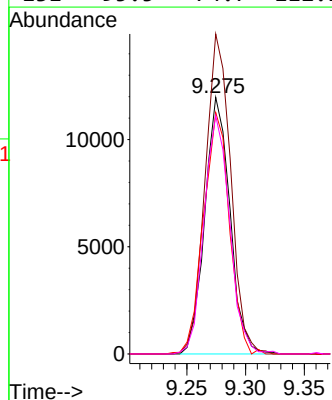
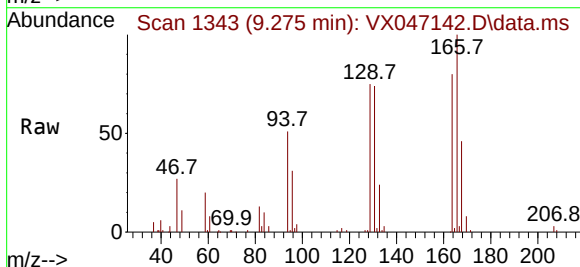
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

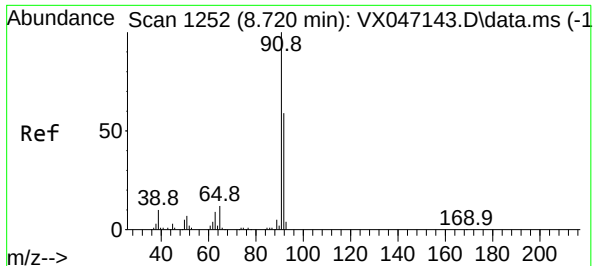
Tgt Ion: 95 Resp: 156629
Ion Ratio Lower Upper
95 100
174 72.6 57.5 86.3
176 69.6 56.4 84.6



#61
Tetrachloroethene
Concen: 5.162 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:164 Resp: 17856
Ion Ratio Lower Upper
164 100
166 124.7 101.0 151.4
129 94.1 78.6 117.8
131 95.5 74.7 112.1

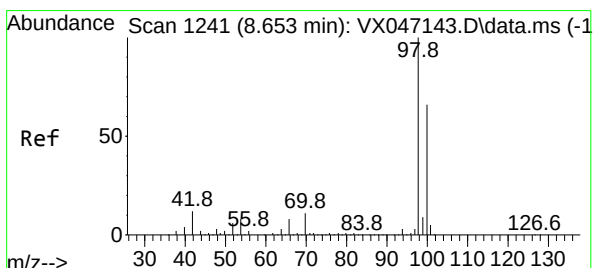
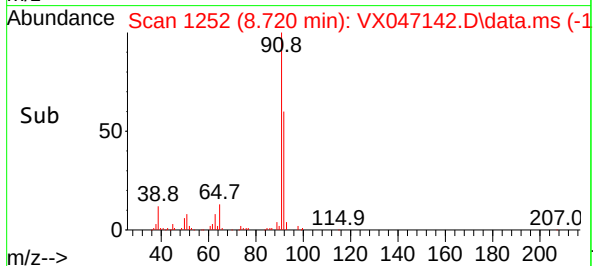
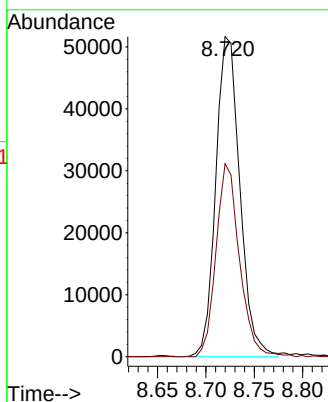
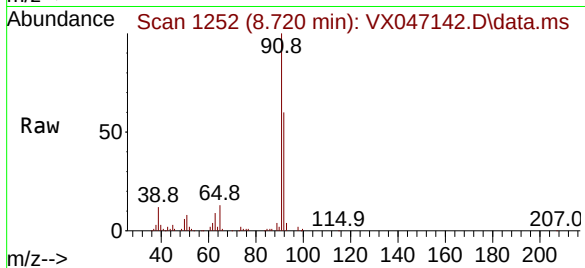




#62
Toluene
Concen: 5.050 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

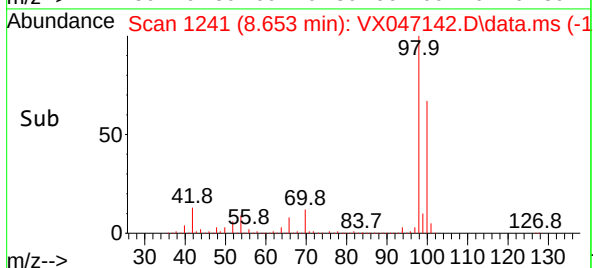
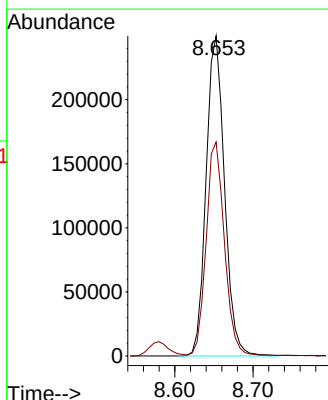
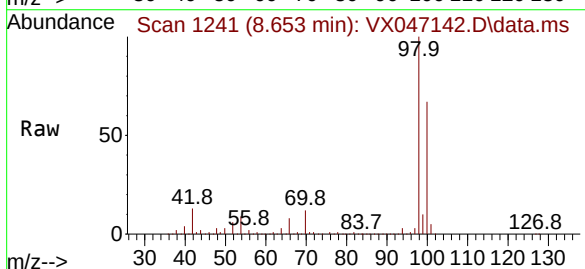
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

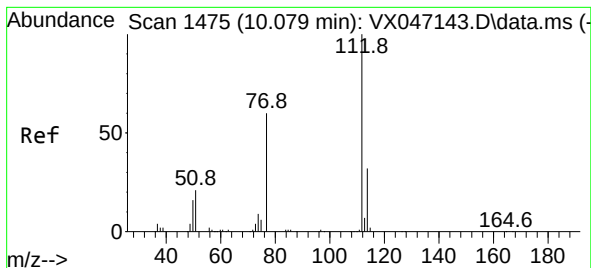
Tgt Ion: 91 Resp: 89210
Ion Ratio Lower Upper
91 100
92 58.6 46.6 69.8



#63
Toluene-d8
Concen: 29.569 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 98 Resp: 406860
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3





#64

Chlorobenzene

Concen: 4.960 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

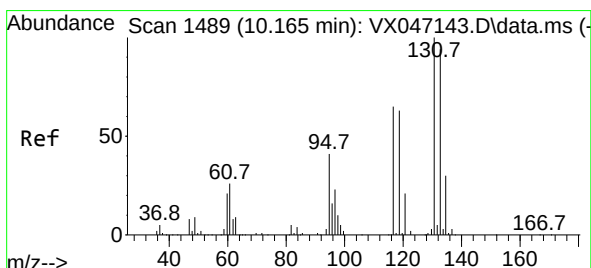
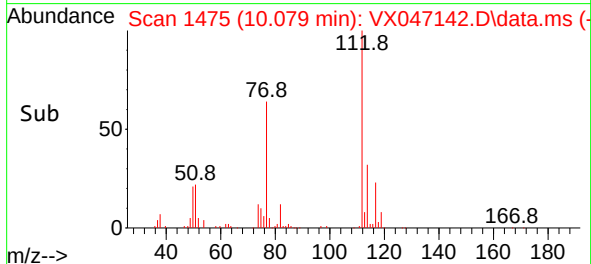
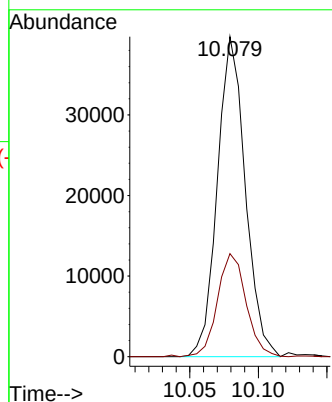
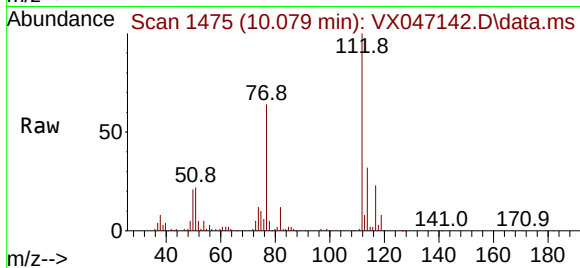
VSTDIC005

Tgt Ion:112 Resp: 56194

Ion Ratio Lower Upper

112 100

114 29.9 23.6 35.4



#65

1,1,1,2-Tetrachloroethane

Concen: 4.744 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

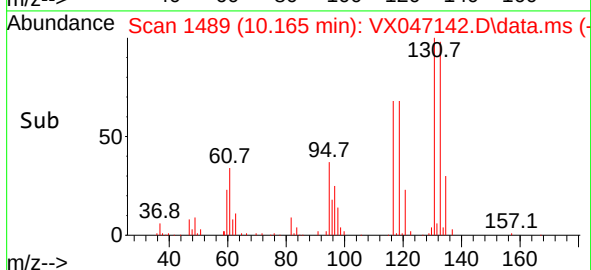
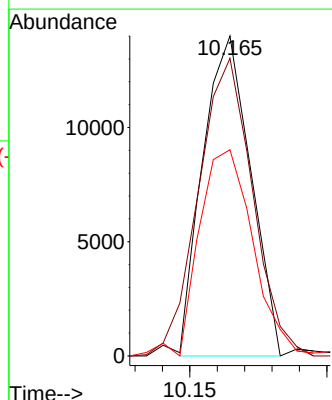
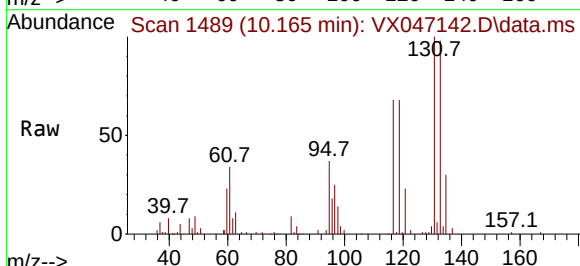
Tgt Ion:131 Resp: 16990

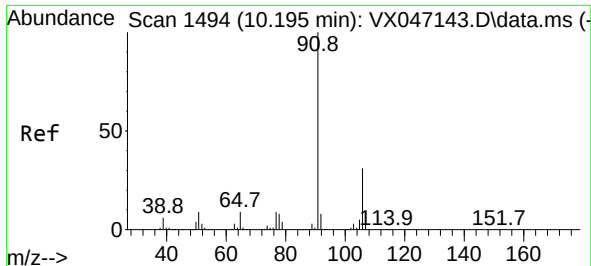
Ion Ratio Lower Upper

131 100

133 105.0 0.0 188.2

119 71.6 0.0 101.8





#66

Ethyl Benzene

Concen: 4.965 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

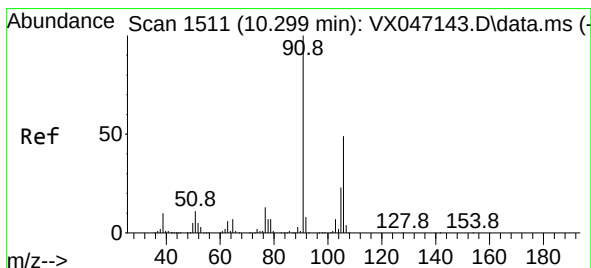
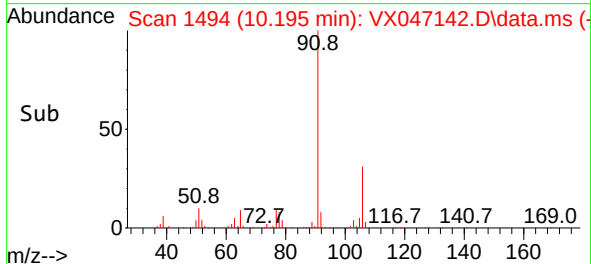
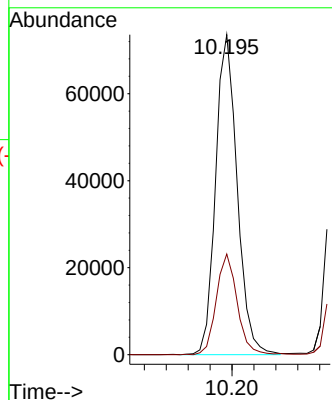
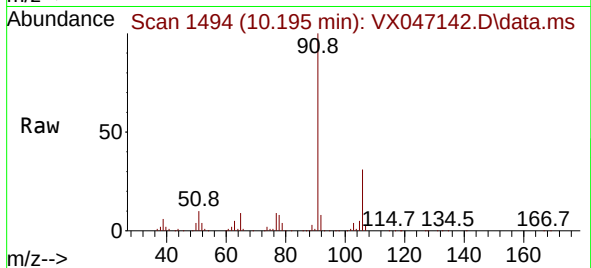
VSTDIC005

Tgt Ion: 91 Resp: 100361

Ion Ratio Lower Upper

91 100

106 31.5 25.1 37.7



#67

m/p-Xylenes

Concen: 10.064 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047142.D

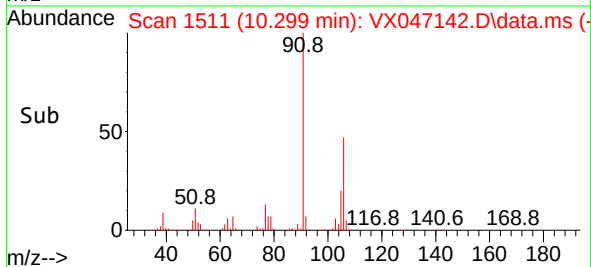
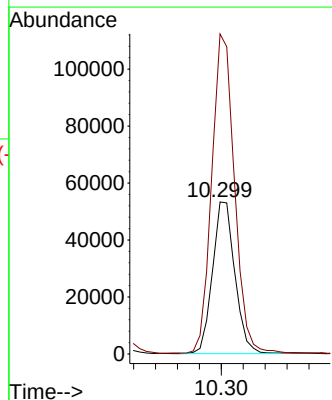
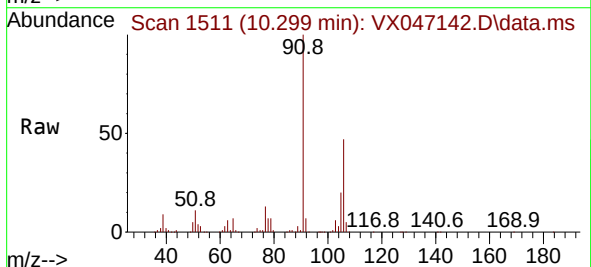
Acq: 25 Jul 2025 15:18

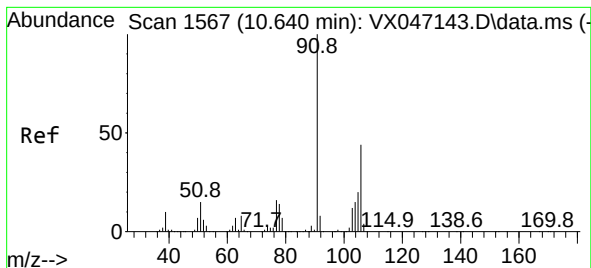
Tgt Ion:106 Resp: 75388

Ion Ratio Lower Upper

106 100

91 213.4 164.4 246.6





#68

o-Xylene

Concen: 5.121 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

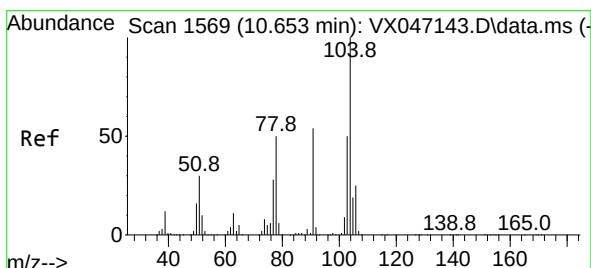
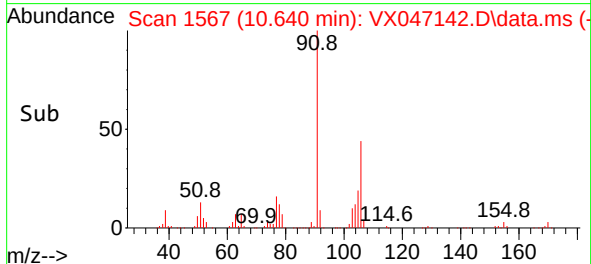
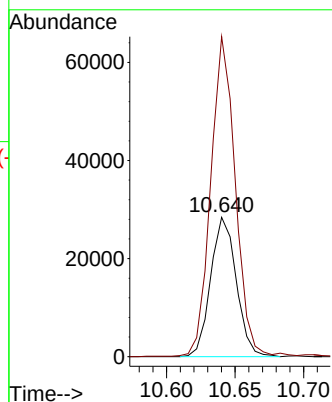
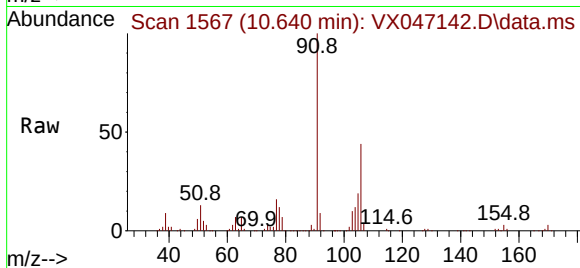
VSTDIC005

Tgt Ion:106 Resp: 36993

Ion Ratio Lower Upper

106 100

91 218.5 111.3 333.8



#69

Styrene

Concen: 4.802 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

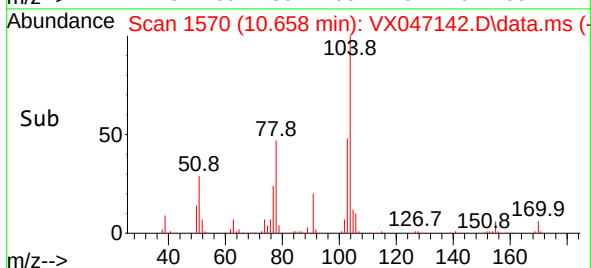
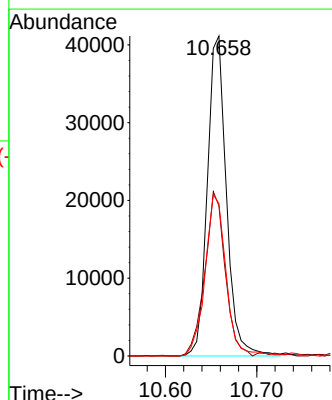
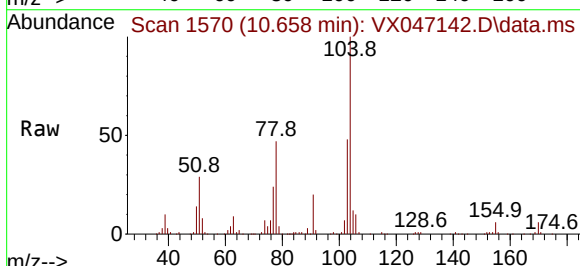
Tgt Ion:104 Resp: 59499

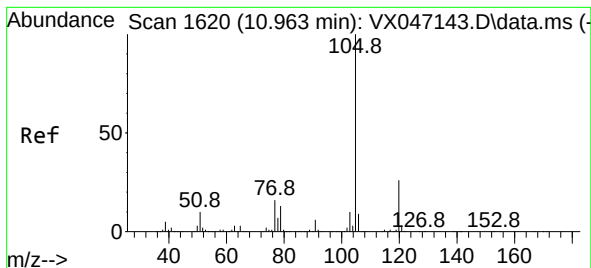
Ion Ratio Lower Upper

104 100

78 54.6 42.6 63.8

103 55.4 43.5 65.3





#70

Isopropylbenzene

Concen: 5.188 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

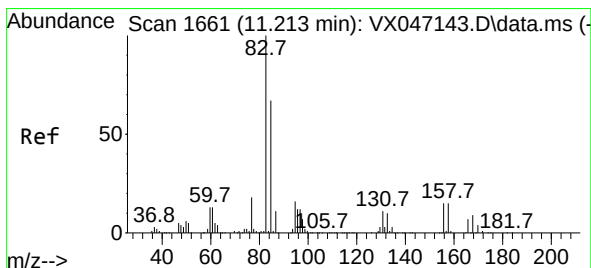
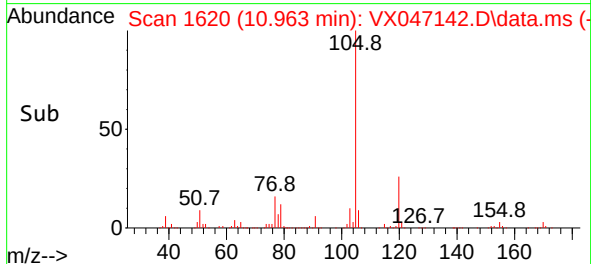
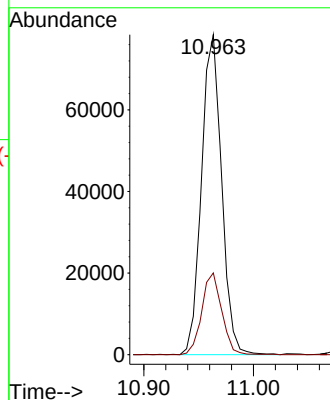
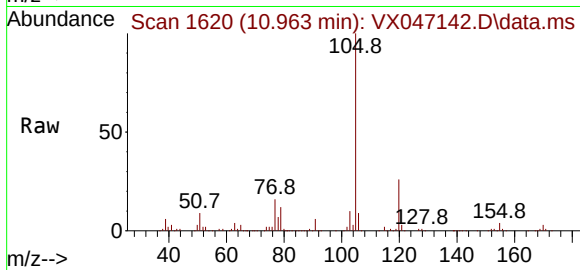
VSTDIC005

Tgt Ion:105 Resp: 99838

Ion Ratio Lower Upper

105 100

120 25.2 17.8 33.0



#71

1,1,2,2-Tetrachloroethane

Concen: 5.042 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

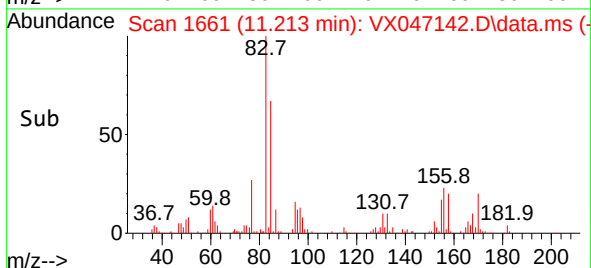
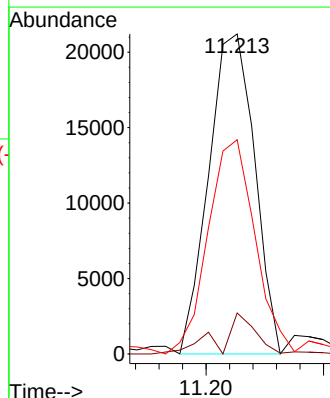
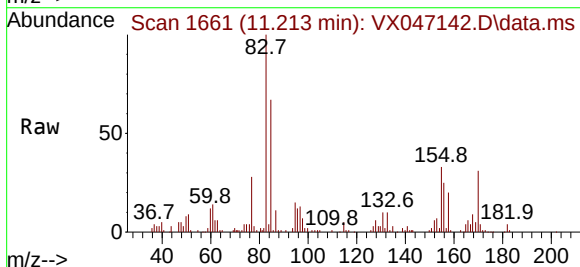
Tgt Ion: 83 Resp: 28786

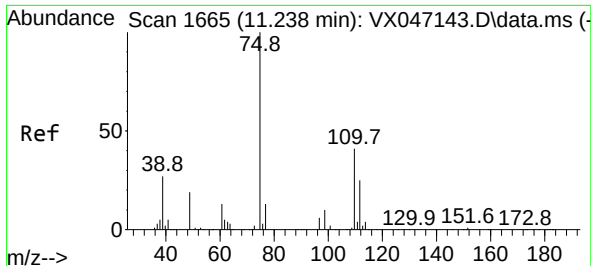
Ion Ratio Lower Upper

83 100

131 6.6 6.0 18.0

85 68.6 32.3 96.9

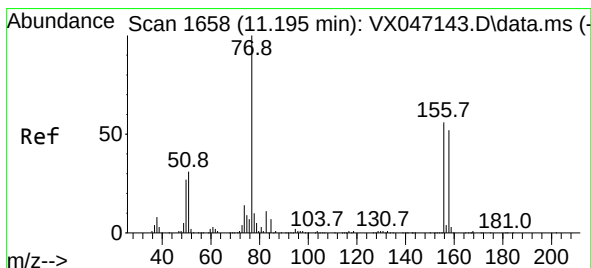
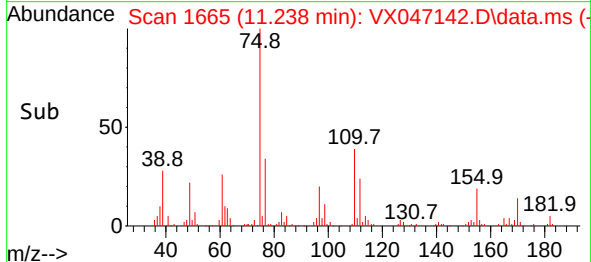
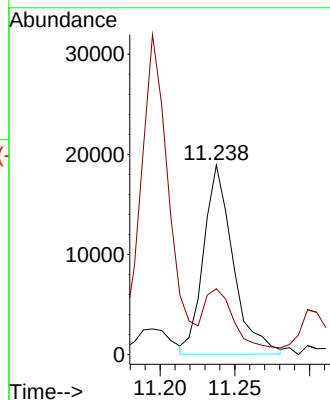
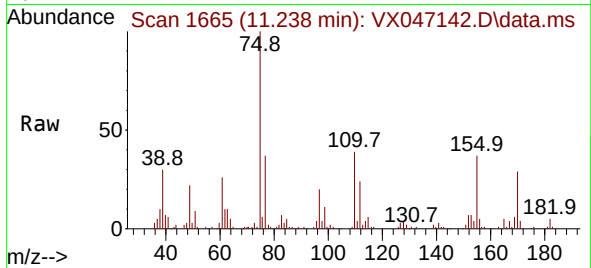




#72
1,2,3-Trichloropropane
Concen: 5.898 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

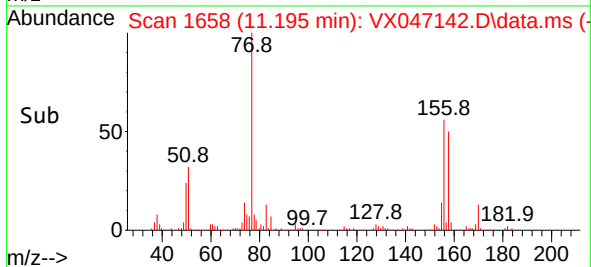
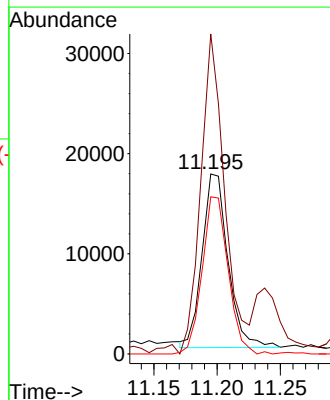
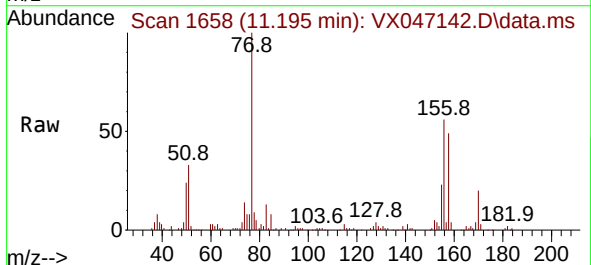
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

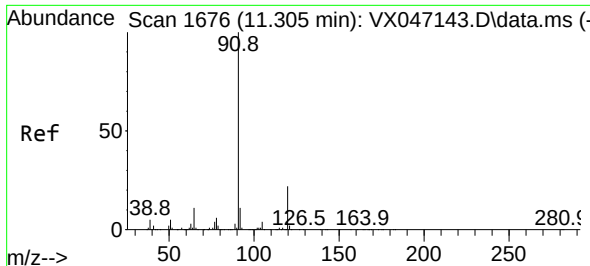
Tgt Ion: 75 Resp: 25932
Ion Ratio Lower Upper
75 100
77 34.9 0.0 74.2



#73
Bromobenzene
Concen: 5.374 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 156 Resp: 24752
Ion Ratio Lower Upper
156 100
77 170.2 0.0 340.8
158 90.1 0.0 189.0

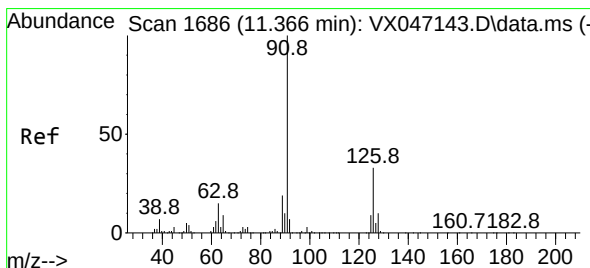
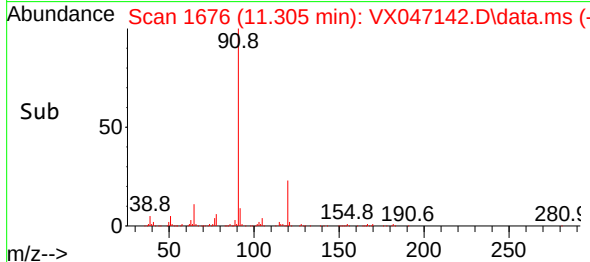
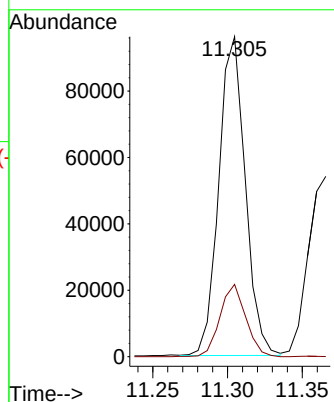
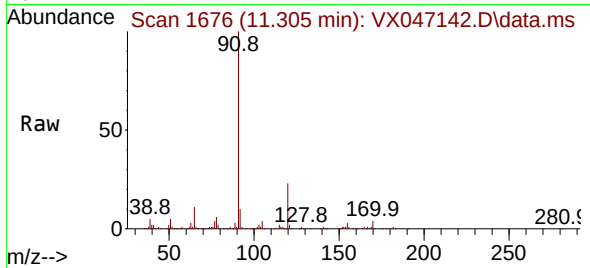




#74
n-propylbenzene
Concen: 5.112 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

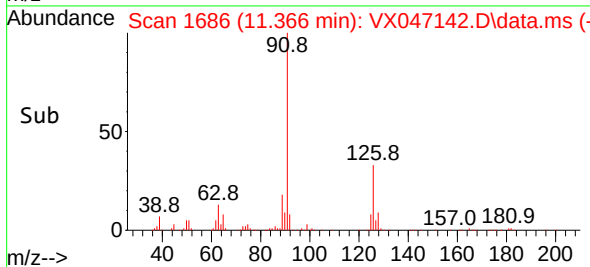
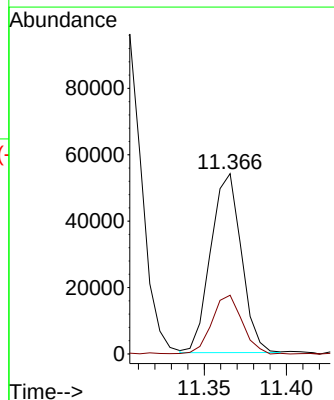
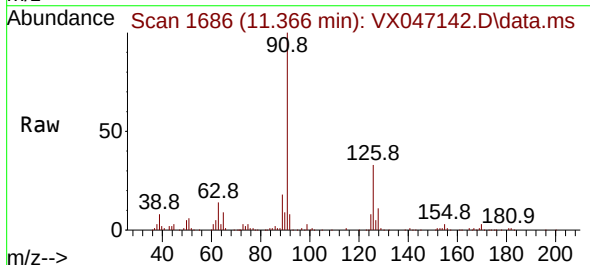
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

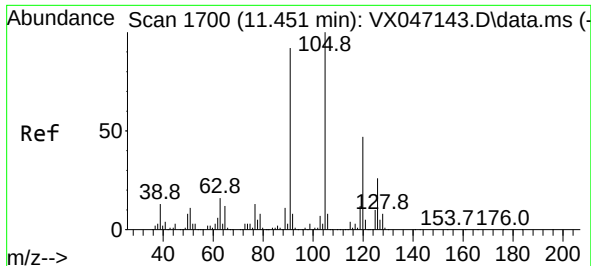
Tgt Ion: 91 Resp: 118105
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.4



#75
2-Chlorotoluene
Concen: 5.119 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 91 Resp: 69983
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.6

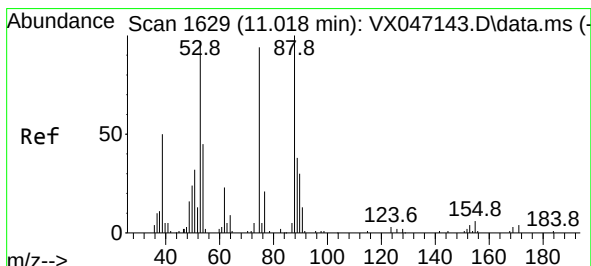
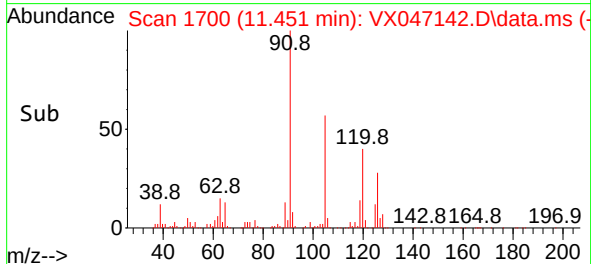
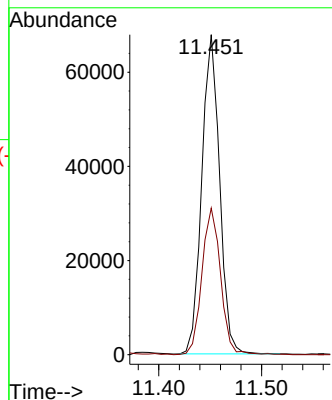
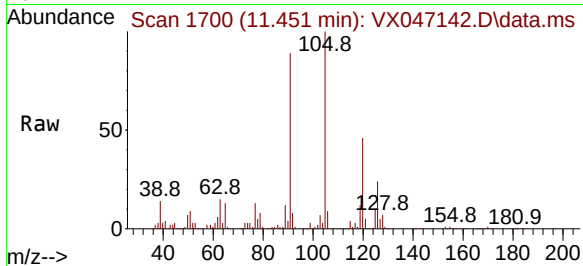




#76
1,3,5-Trimethylbenzene
Concen: 5.157 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

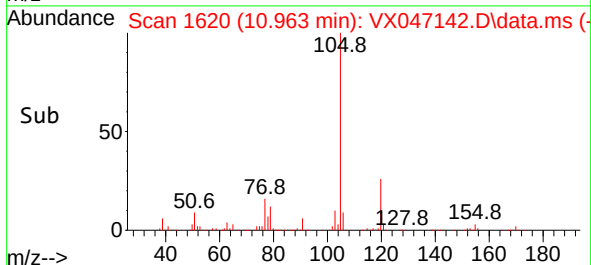
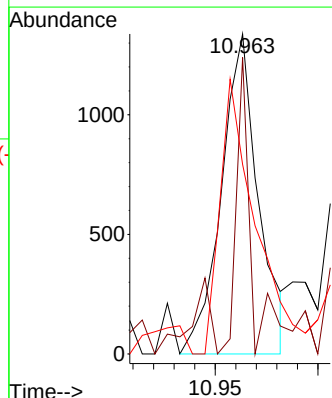
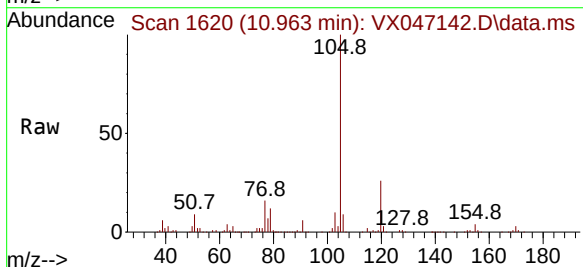
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

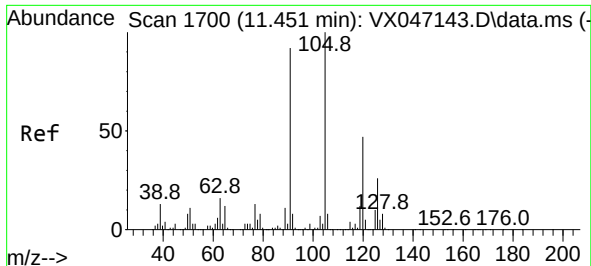
Tgt Ion:105 Resp: 81649
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.0



#77
t-1,4-Dichloro-2-butene
Concen: 2.581 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.055 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 75 Resp: 1679
Ion Ratio Lower Upper
75 100
53 91.6 48.4 145.2
89 66.0 33.8 101.3

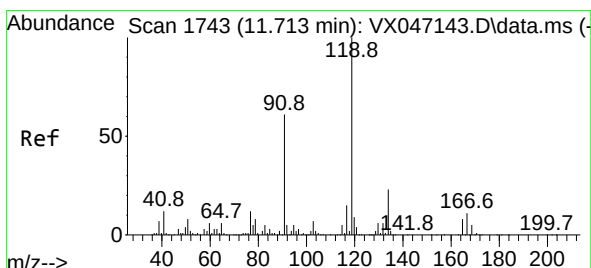
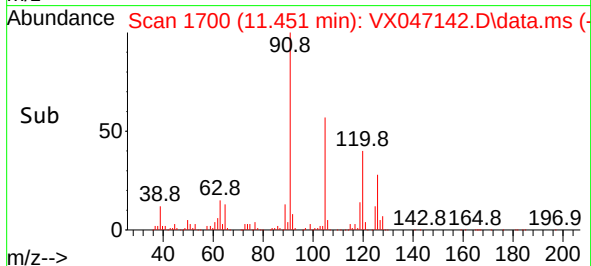
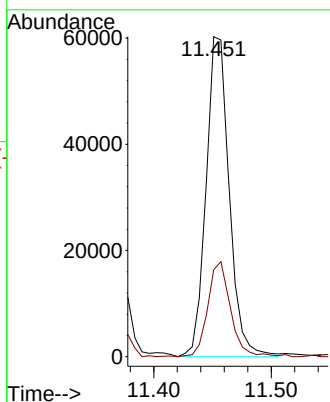
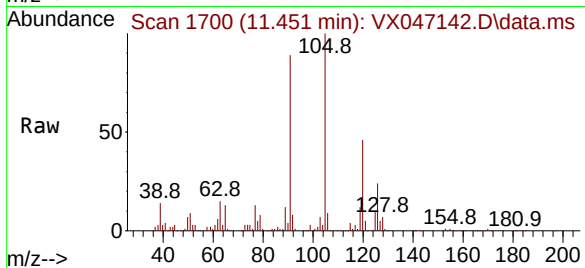




#78
4-Chlorotoluene
Concen: 5.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

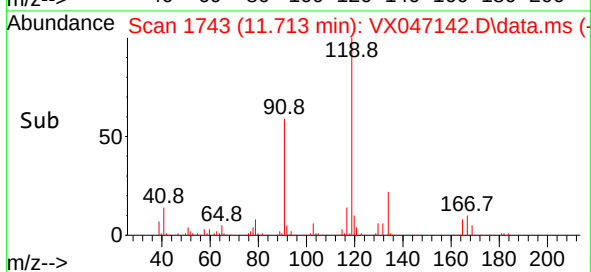
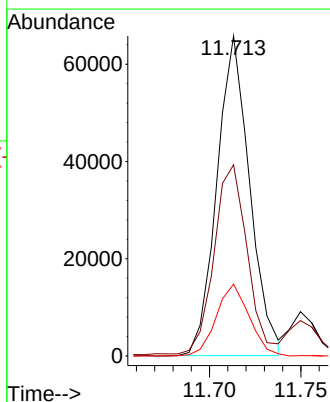
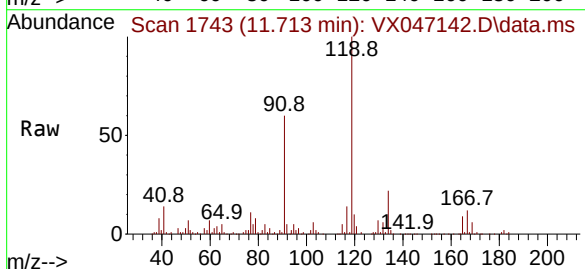
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

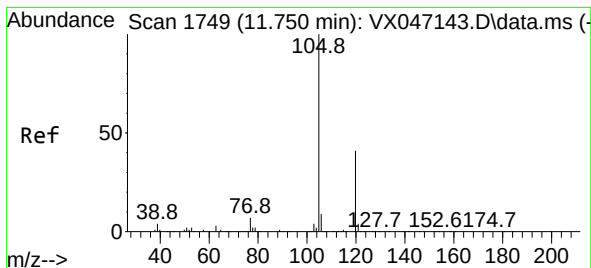
Tgt Ion: 91 Resp: 82617
Ion Ratio Lower Upper
91 100
126 29.0 0.0 57.2



#79
tert-butylbenzene
Concen: 5.188 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 119 Resp: 82208
Ion Ratio Lower Upper
119 100
91 60.4 0.0 120.6
134 22.5 0.0 46.0





#80

1,2,4-Trimethylbenzene

Concen: 5.276 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

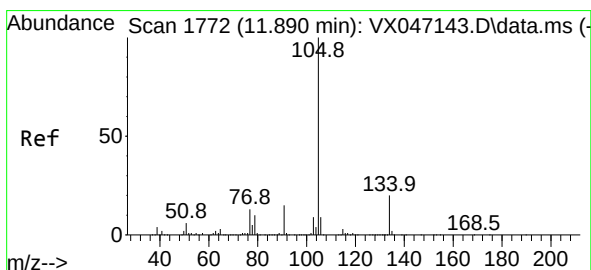
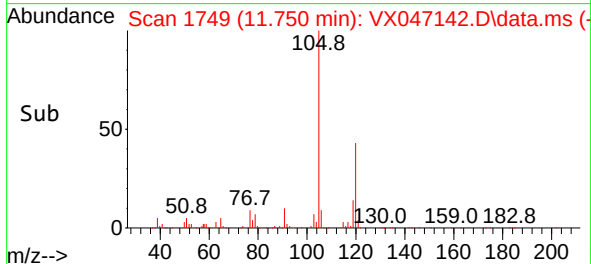
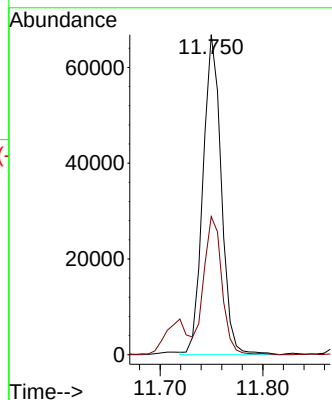
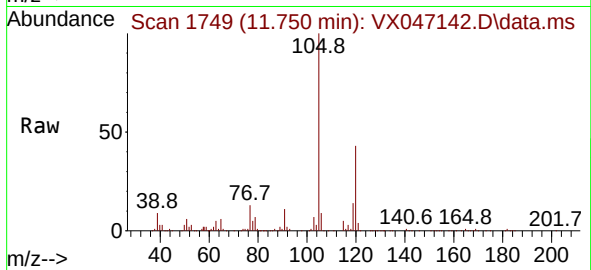
VSTDIC005

Tgt Ion:105 Resp: 82849

Ion Ratio Lower Upper

105 100

120 42.4 0.0 88.6



#81

sec-Butylbenzene

Concen: 5.199 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX047142.D

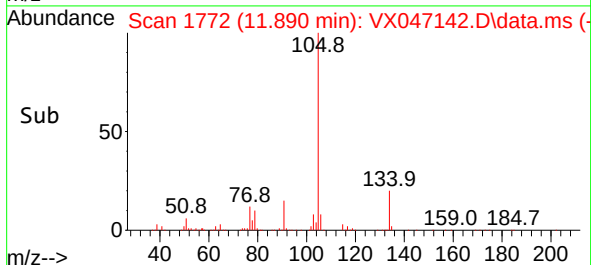
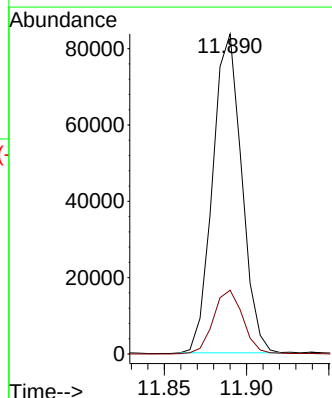
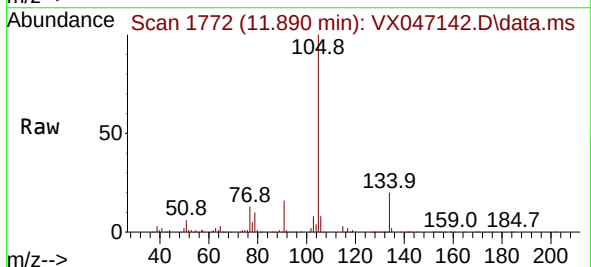
Acq: 25 Jul 2025 15:18

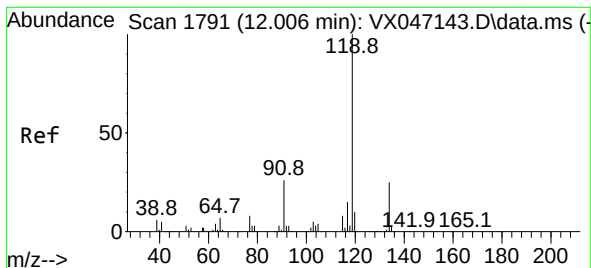
Tgt Ion:105 Resp: 102797

Ion Ratio Lower Upper

105 100

134 20.4 0.0 39.4





#82

p-Isopropyltoluene

Concen: 5.226 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

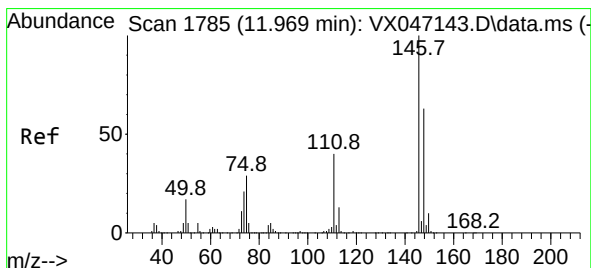
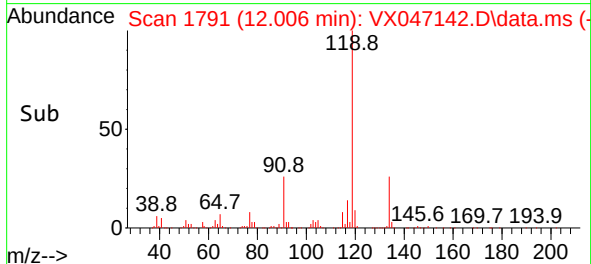
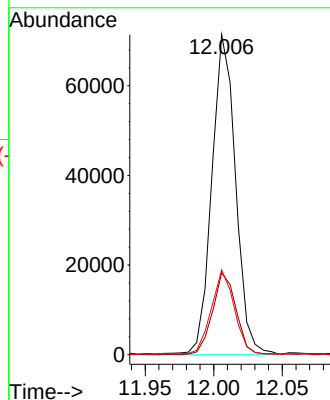
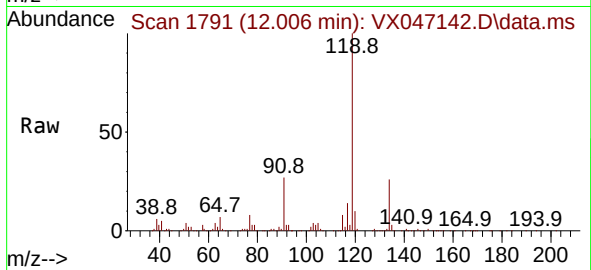
Tgt Ion:119 Resp: 85865

Ion Ratio Lower Upper

119 100

134 25.4 0.0 50.8

91 25.4 0.0 51.0



#83

1,3-Dichlorobenzene

Concen: 5.095 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

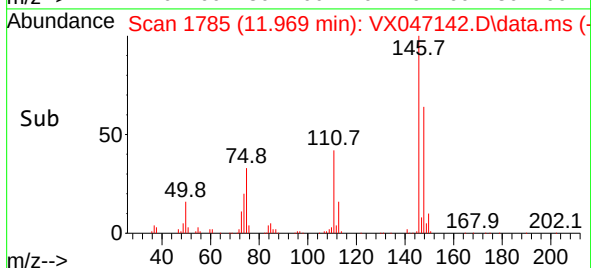
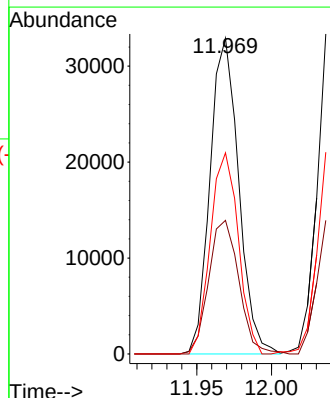
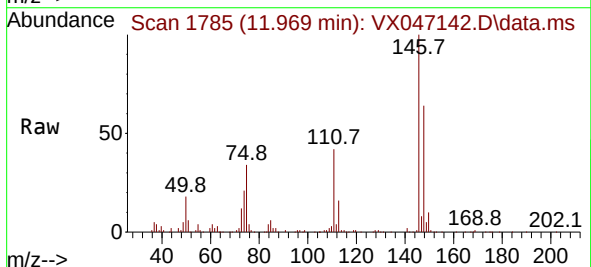
Tgt Ion:146 Resp: 43842

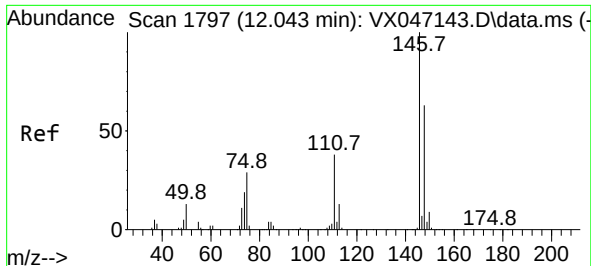
Ion Ratio Lower Upper

146 100

111 44.6 20.7 62.1

148 62.2 31.8 95.3

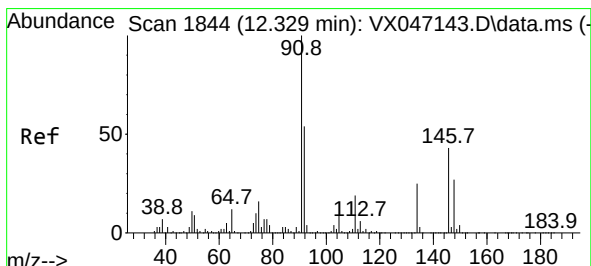
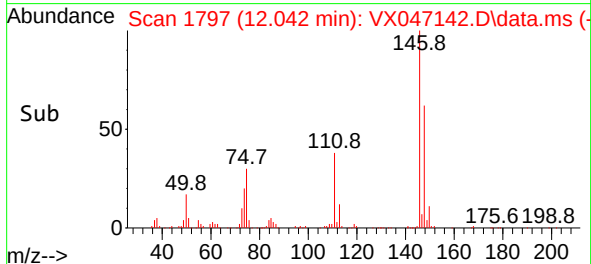
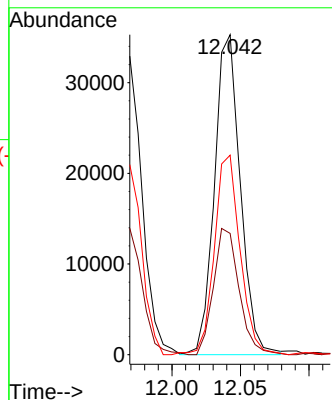
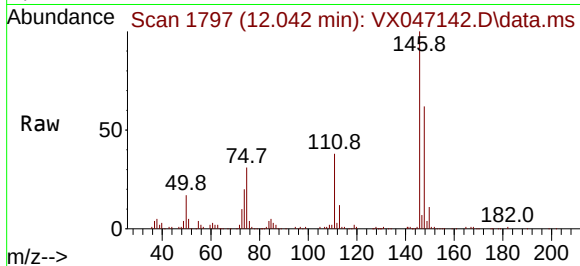




#84
1,4-Dichlorobenzene
Concen: 5.429 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

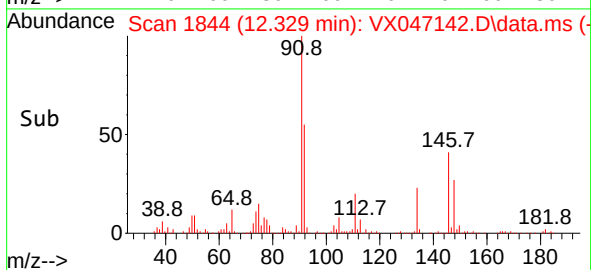
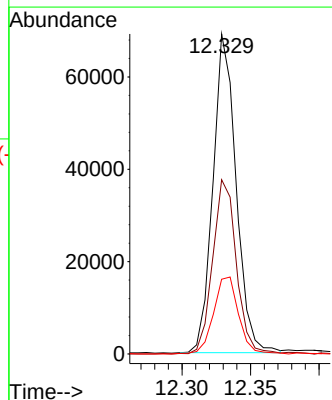
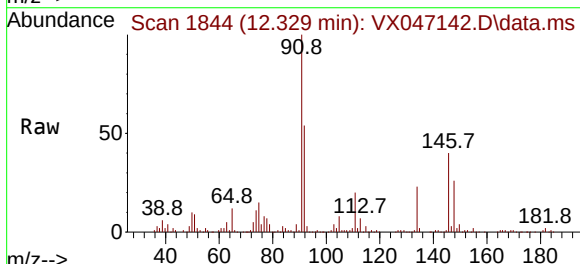
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

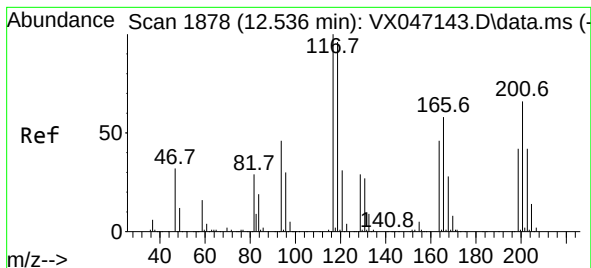
Tgt Ion:146 Resp: 46300
Ion Ratio Lower Upper
146 100
111 39.1 20.4 61.3
148 61.8 32.3 96.8



#85
n-Butylbenzene
Concen: 5.132 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 91 Resp: 80922
Ion Ratio Lower Upper
91 100
92 55.6 0.0 107.8
134 26.2 0.0 50.0





#86

Hexachloroethane

Concen: 1.935 ug/l

RT: 12.542 min Scan# 117

Delta R.T. 0.006 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

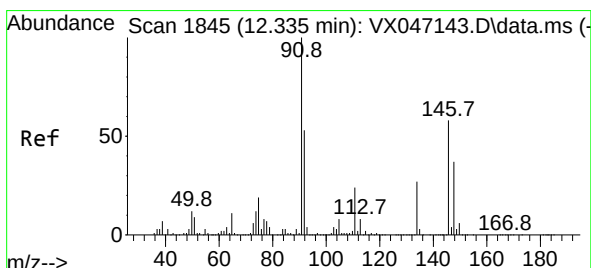
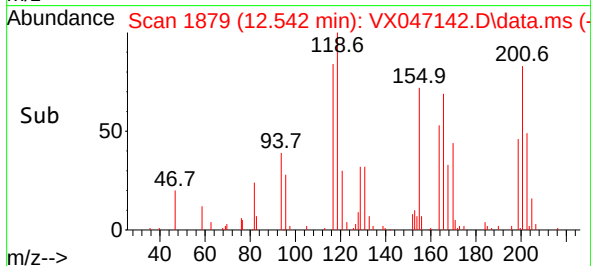
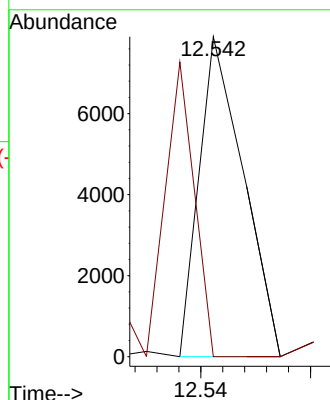
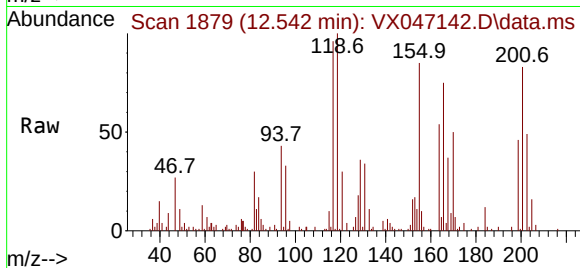
VSTDIC005

Tgt Ion:117 Resp: 4422

Ion Ratio Lower Upper

117 100

201 60.2 0.5 1.5#



#87

1,2-Dichlorobenzene

Concen: 5.297 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

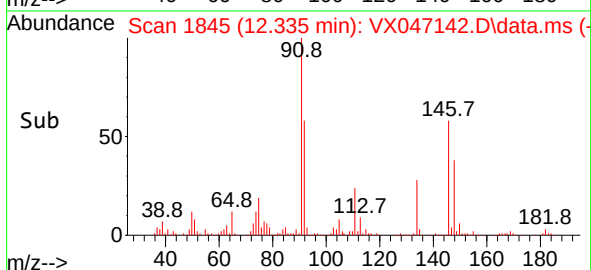
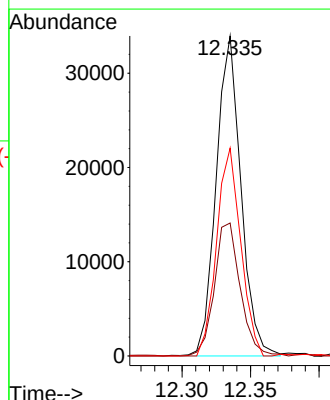
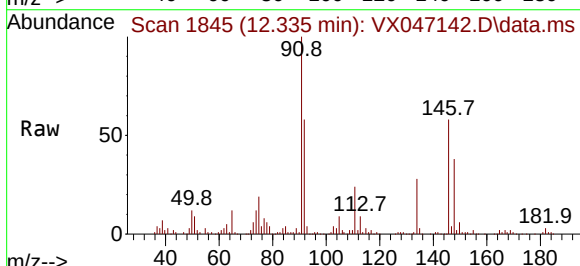
Tgt Ion:146 Resp: 42748

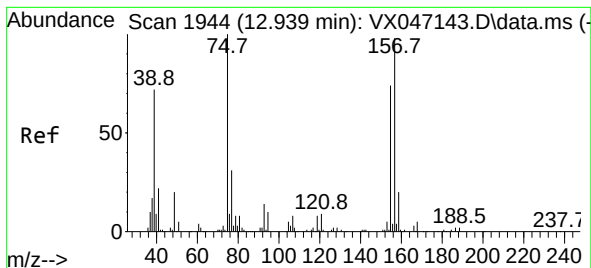
Ion Ratio Lower Upper

146 100

111 43.3 21.8 65.3

148 62.9 32.4 97.0





#88

1,2-Dibromo-3-Chloropropane

Concen: 5.153 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

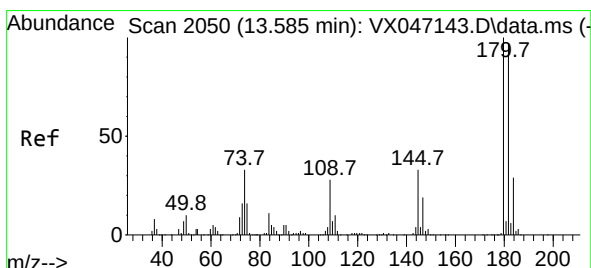
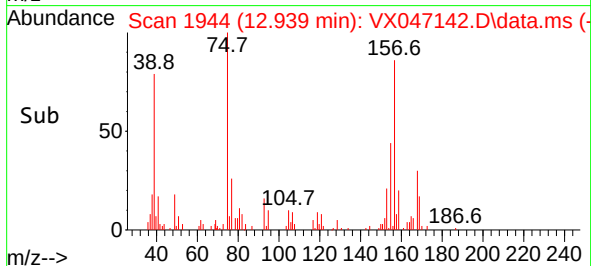
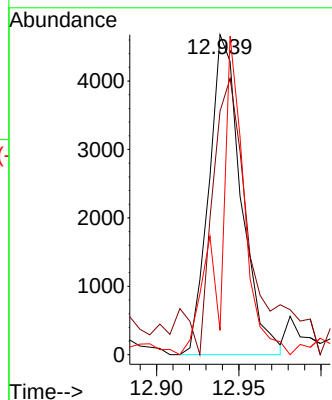
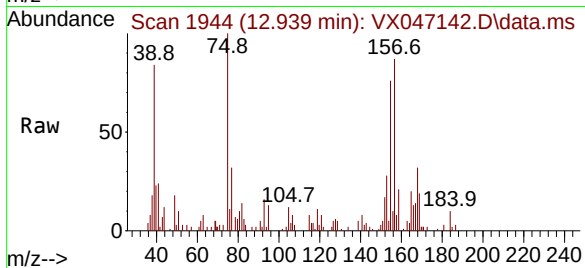
Tgt Ion: 75 Resp: 6368

Ion Ratio Lower Upper

75 100

155 89.1 65.4 98.2

157 56.2 82.0 123.0#



#89

1,2,4-Trichlorobenzene

Concen: 4.923 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

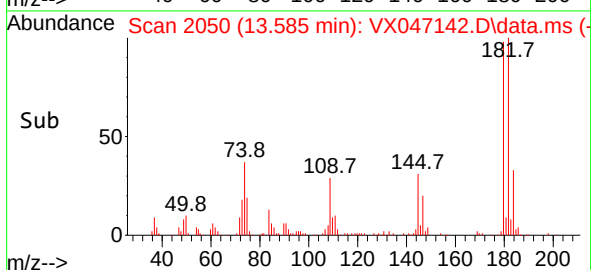
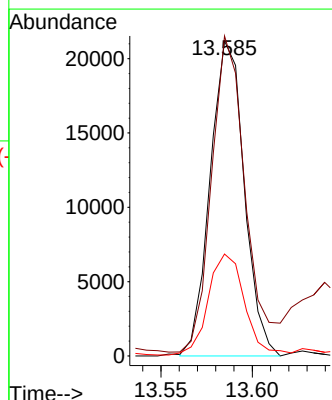
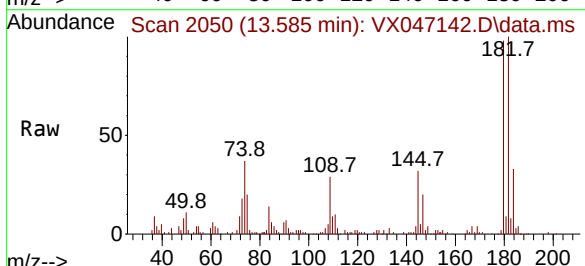
Tgt Ion: 180 Resp: 27468

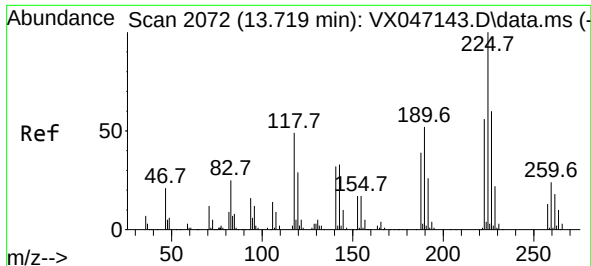
Ion Ratio Lower Upper

180 100

182 100.1 78.2 117.2

145 34.5 26.5 39.7

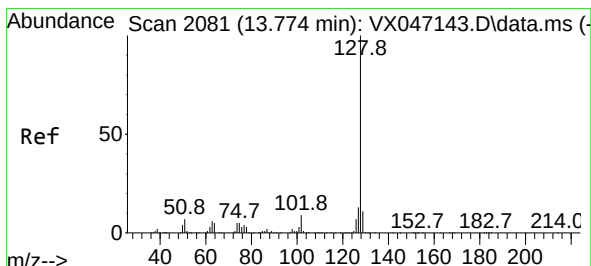
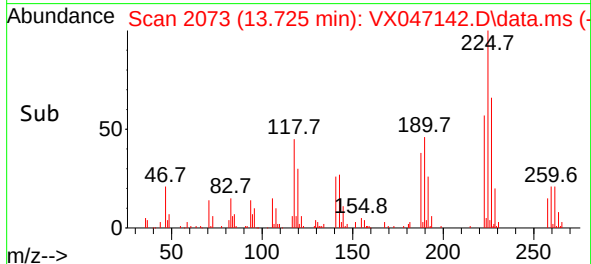
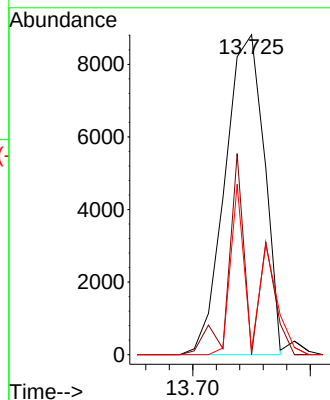
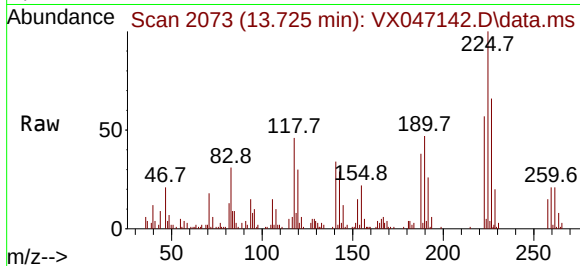




#90
Hexachlorobutadiene
Concen: 8.233 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

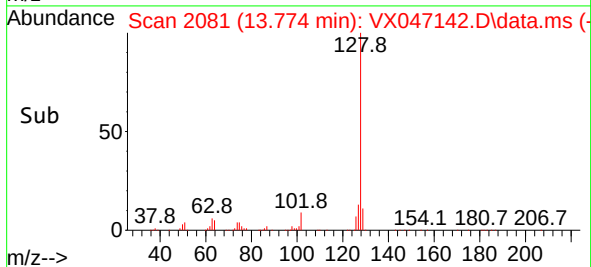
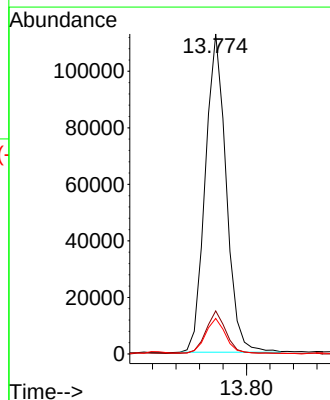
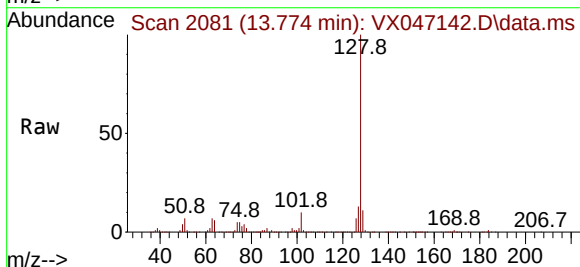
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

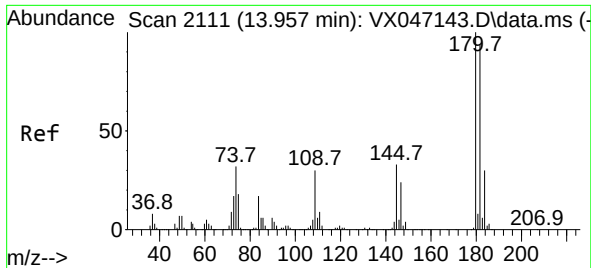
Tgt Ion:225 Resp: 10208
Ion Ratio Lower Upper
225 100
223 14.2 0.0 73.8
227 15.5 0.0 130.6



#91
Naphthalene
Concen: 7.386 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

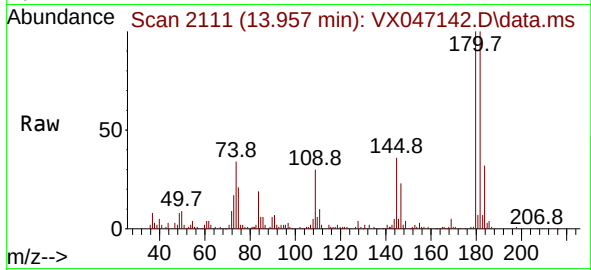
Tgt Ion:128 Resp: 139120
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.3 9.0 13.4





#92
 1,2,3-Trichlorobenzene
 Concen: 4.903 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: VX047142.D
 Acq: 25 Jul 2025 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion:180 Resp: 26253
 Ion Ratio Lower Upper
 180 100
 182 98.3 0.0 189.0
 145 39.8 0.0 69.2

