

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047552.D
 Acq On : 28 Aug 2025 16:14
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 29 02:07:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	198839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	355362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	150042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	321712	105.360	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 210.720%#	
35) Dibromofluoromethane	5.397	113	254653	104.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 208.820%#	
50) Toluene-d8	8.653	98	883189	103.309	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 206.620%#	
62) 4-Bromofluorobenzene	11.079	95	328858	102.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 204.780%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	215006	98.740	ug/l	96
3) Chloromethane	1.307	50	240425	101.093	ug/l	98
4) Vinyl Chloride	1.392	62	288073	103.043	ug/l	100
5) Bromomethane	1.618	94	133000	109.990	ug/l	94
6) Chloroethane	1.703	64	174851	98.440	ug/l	96
7) Trichlorofluoromethane	1.904	101	407943	102.593	ug/l	97
8) Diethyl Ether	2.148	74	169389	107.366	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	238334	100.645	ug/l	99
10) Methyl Iodide	2.471	142	465858	118.841	ug/l	98
11) Tert butyl alcohol	2.965	59	151148	538.548	ug/l	98
12) 1,1-Dichloroethene	2.337	96	260543	103.756	ug/l	96
13) Acrolein	2.252	56	297257	528.351	ug/l	98
14) Allyl chloride	2.678	41	492782	107.123	ug/l	99
15) Acrylonitrile	3.081	53	696925	554.925	ug/l	100
16) Acetone	2.392	43	601969	497.782	ug/l	99
17) Carbon Disulfide	2.526	76	754008	100.982	ug/l	99
18) Methyl Acetate	2.715	43	324782	108.935	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	895223	109.223	ug/l	99
20) Methylene Chloride	2.800	84	306098	99.471	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	281026	105.166	ug/l	97
22) Diisopropyl ether	3.770	45	990382	106.897	ug/l #	84
23) Vinyl Acetate	3.733	43	4224047	559.909	ug/l	99
24) 1,1-Dichloroethane	3.623	63	536336	104.182	ug/l	98
25) 2-Butanone	4.568	43	869840	546.561	ug/l	99
26) 2,2-Dichloropropane	4.489	77	405935	109.092	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	341485	104.886	ug/l	99
28) Bromochloromethane	4.910	49	231907	104.386	ug/l #	99
29) Tetrahydrofuran	5.019	42	540879	547.658	ug/l	99
30) Chloroform	5.105	83	542820	103.549	ug/l	97
31) Cyclohexane	5.483	56	422251	98.348	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	452709	105.996	ug/l	98
36) 1,1-Dichloropropene	5.702	75	356555	102.722	ug/l	99
37) Ethyl Acetate	4.727	43	379465	110.916	ug/l	99
38) Carbon Tetrachloride	5.690	117	381617	99.086	ug/l	100
39) Methylcyclohexane	7.385	83	408570	102.066	ug/l	99
40) Benzene	6.050	78	1137533	102.652	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	185527	114.504	ug/l	96
42) 1,2-Dichloroethane	6.092	62	408858	102.491	ug/l	99
43) Isopropyl Acetate	6.348	43	623187	113.364	ug/l	100
44) Trichloroethene	7.129	130	278984	101.609	ug/l	95
45) 1,2-Dichloropropane	7.434	63	297190	106.473	ug/l	99
46) Dibromomethane	7.586	93	215122	104.693	ug/l	99
47) Bromodichloromethane	7.824	83	437725	104.165	ug/l	99
48) Methyl methacrylate	7.696	41	326436	115.436	ug/l	99
49) 1,4-Dioxane	7.671	88	64873	2319.068	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	1790905	551.380	ug/l	99
52) Toluene	8.720	92	696997	103.209	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	424485	112.125	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	462107	110.161	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	273495	103.812	ug/l	98
56) Ethyl methacrylate	9.116	69	446375	114.456	ug/l	100
57) 1,3-Dichloropropane	9.311	76	471714	103.418	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1053546	494.457	ug/l	100
59) 2-Hexanone	9.433	43	1232265	555.359	ug/l	99
60) Dibromochloromethane	9.519	129	327207	103.966	ug/l	99
61) 1,2-Dibromoethane	9.610	107	287140	107.100	ug/l	99
64) Tetrachloroethene	9.275	164	220100	102.911	ug/l	96
65) Chlorobenzene	10.080	112	776149	103.857	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	276728	109.198	ug/l	99
67) Ethyl Benzene	10.195	91	1338828	106.611	ug/l	99
68) m/p-Xylenes	10.299	106	998582	214.089	ug/l	99
69) o-Xylene	10.640	106	487045	108.395	ug/l	100
70) Styrene	10.653	104	856328	109.835	ug/l	100
71) Bromoform	10.799	173	213049	110.407	ug/l #	99
73) Isopropylbenzene	10.964	105	1218962	110.406	ug/l	99
74) N-amyl acetate	10.842	43	550426	120.725	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	382279	109.533	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	379382	138.345	ug/l	89
77) Bromobenzene	11.195	156	308381	109.184	ug/l	96
78) n-propylbenzene	11.305	91	1447626	110.128	ug/l	100
79) 2-Chlorotoluene	11.360	91	880716	108.037	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1006412	111.485	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	76124	100.715	ug/l	96
82) 4-Chlorotoluene	11.451	91	1026804	107.348	ug/l	99
83) tert-Butylbenzene	11.713	119	1010994	111.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1024567	111.344	ug/l	100
85) sec-Butylbenzene	11.890	105	1197848	109.395	ug/l	100
86) p-Isopropyltoluene	12.006	119	1006017	109.604	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	562107	106.747	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	570339	104.901	ug/l	100
89) n-Butylbenzene	12.329	91	929635	109.737	ug/l	100
90) Hexachloroethane	12.536	117	190702	113.028	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	545902	105.795	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	76333	118.572	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	358807	114.075	ug/l	99
94) Hexachlorobutadiene	13.719	225	110032	100.647	ug/l	98
95) Naphthalene	13.774	128	1108636	120.578	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	336577	113.920	ug/l	99

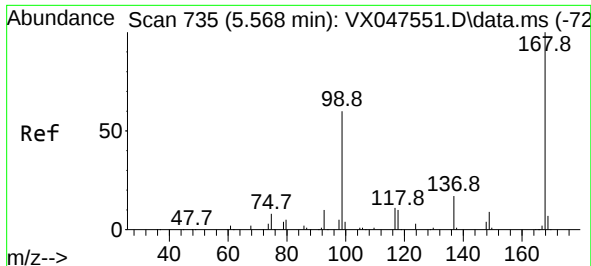
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Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

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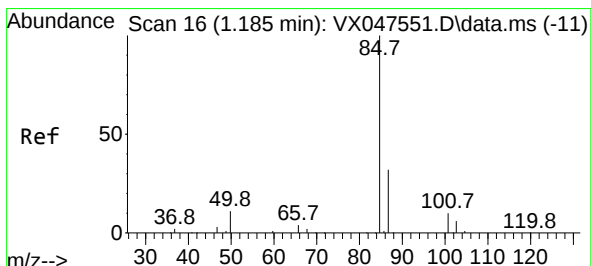
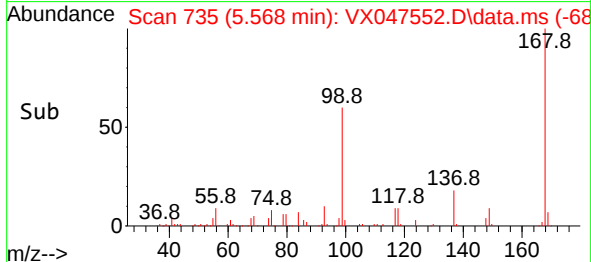
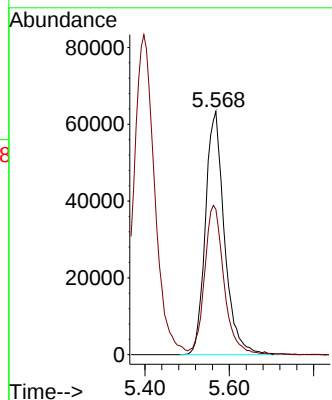
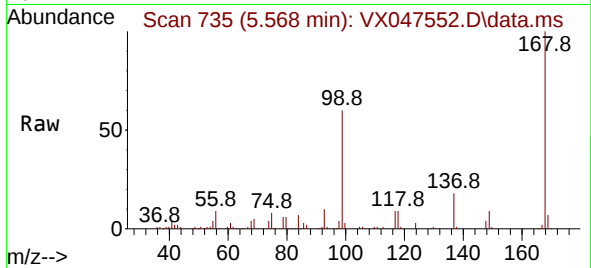
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

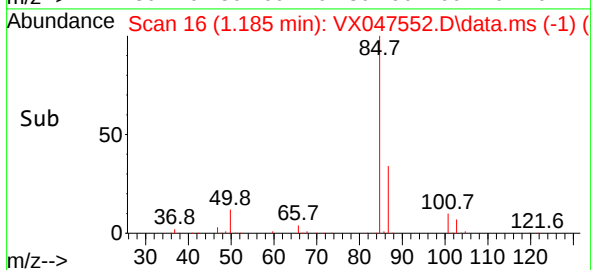
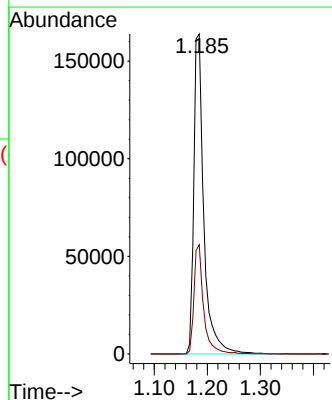
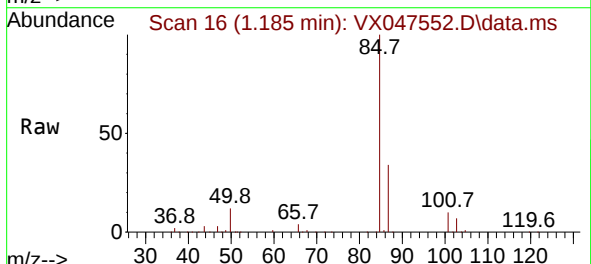
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ClientSampleId :
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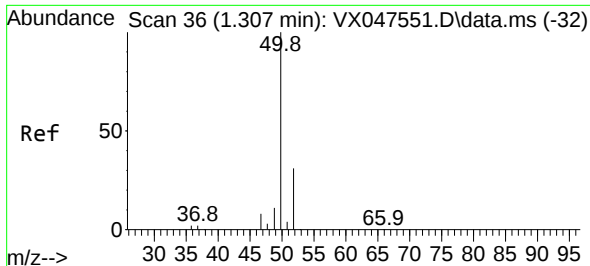
Tgt Ion:168 Resp: 198839
Ion Ratio Lower Upper
168 100
99 59.4 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 98.740 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 85 Resp: 215006
Ion Ratio Lower Upper
85 100
87 34.1 15.9 47.7

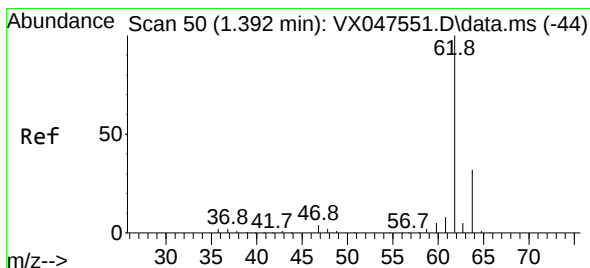
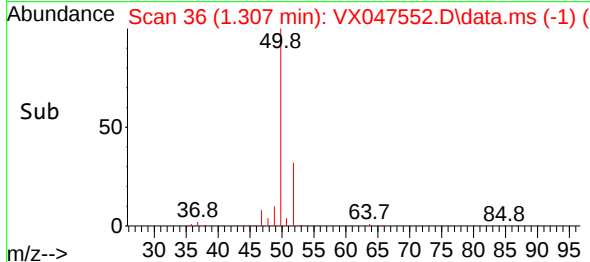
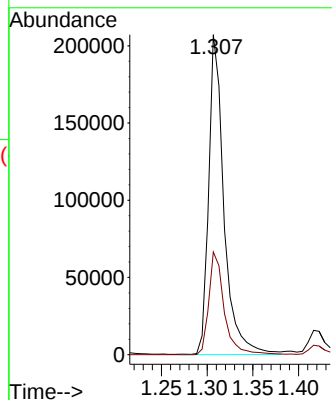
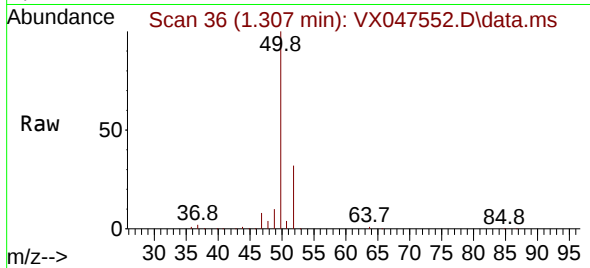




#3
Chloromethane
Concen: 101.093 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

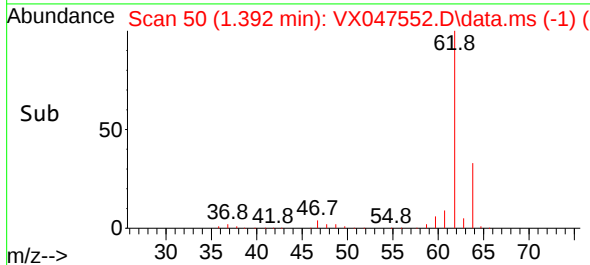
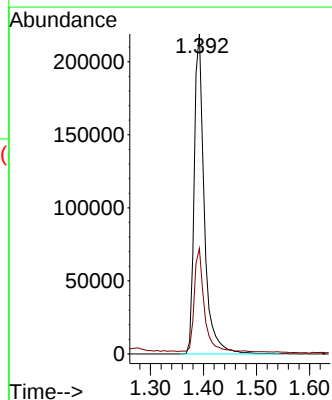
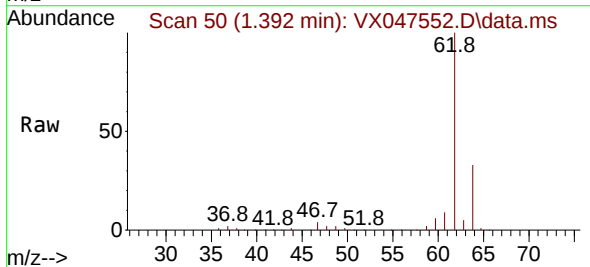
Instrument :
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ClientSampleId :
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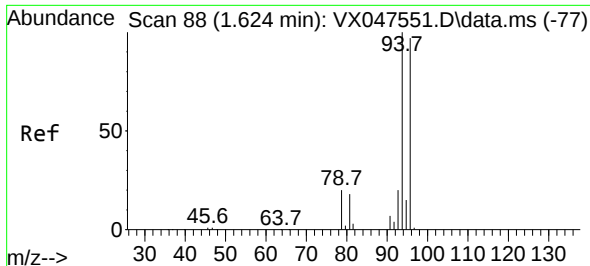
Tgt Ion: 50 Resp: 240425
Ion Ratio Lower Upper
50 100
52 32.1 24.6 37.0



#4
Vinyl Chloride
Concen: 103.043 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 62 Resp: 288073
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9

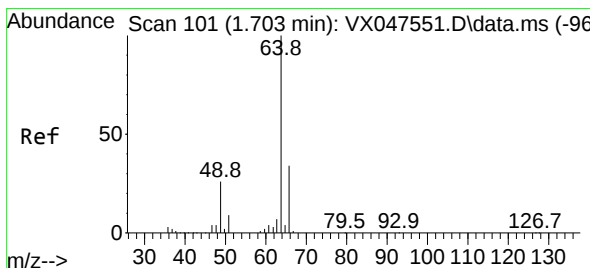
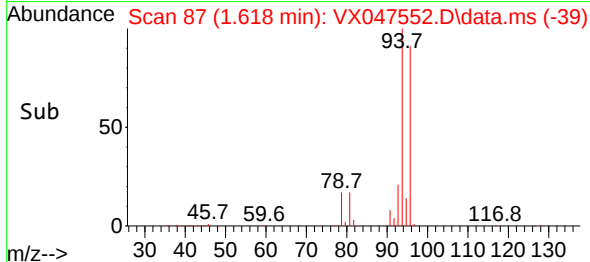
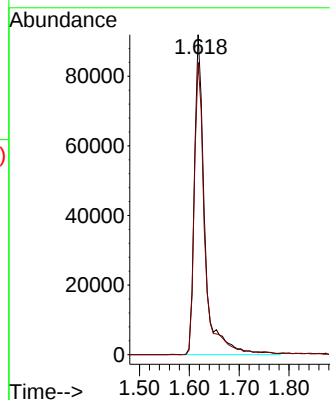
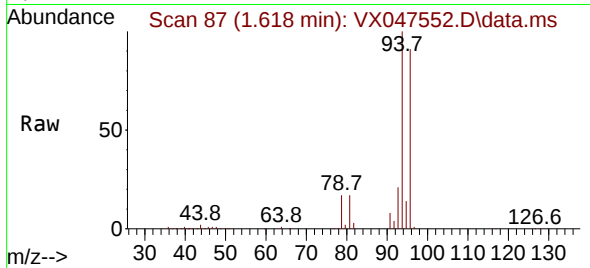




#5
Bromomethane
Concen: 109.990 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

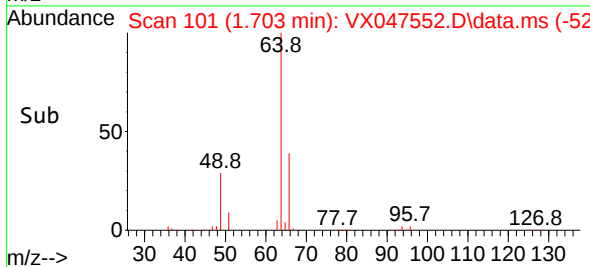
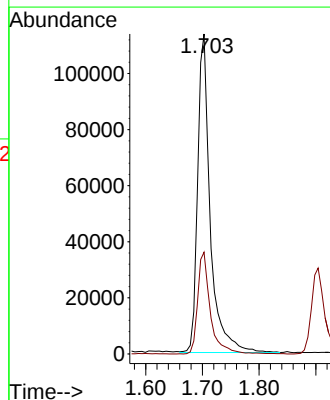
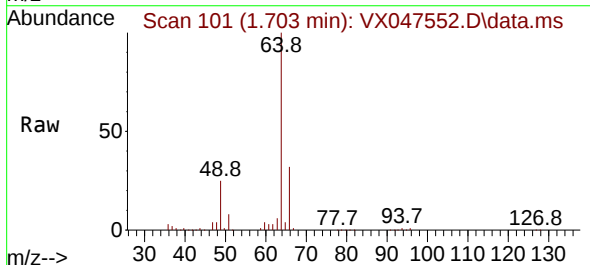
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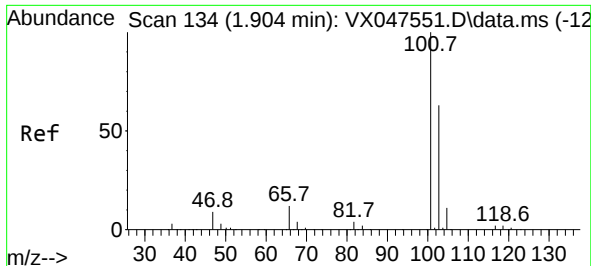
Tgt Ion: 94 Resp: 133000
Ion Ratio Lower Upper
94 100
96 91.4 77.7 116.5



#6
Chloroethane
Concen: 98.440 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 64 Resp: 174851
Ion Ratio Lower Upper
64 100
66 31.9 27.4 41.2

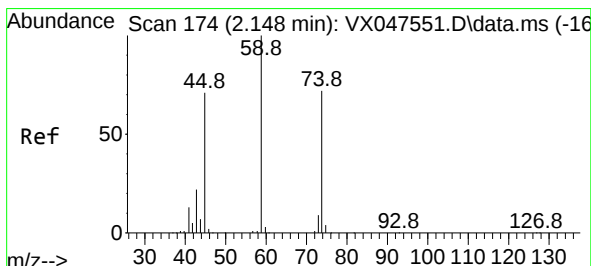
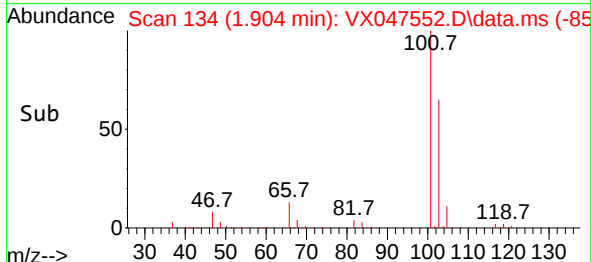
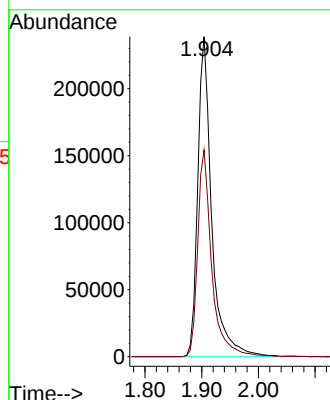
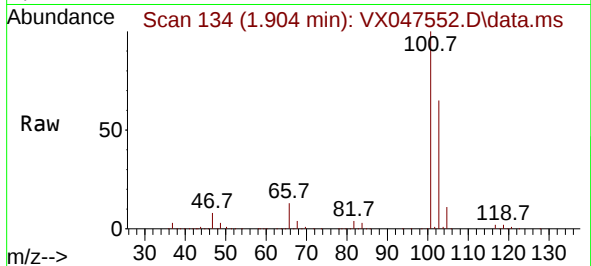




#7
Trichlorofluoromethane
Concen: 102.593 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

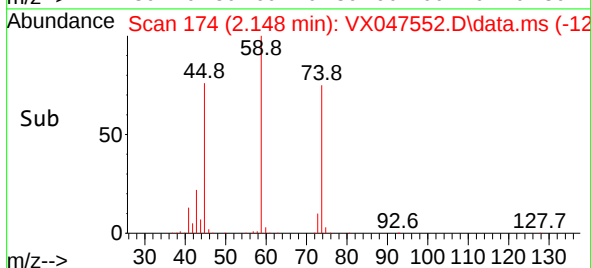
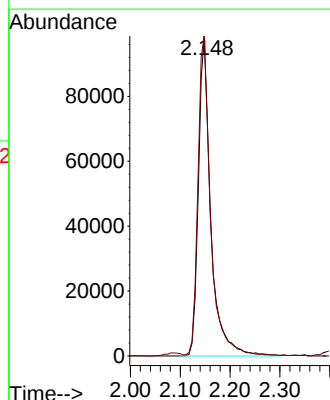
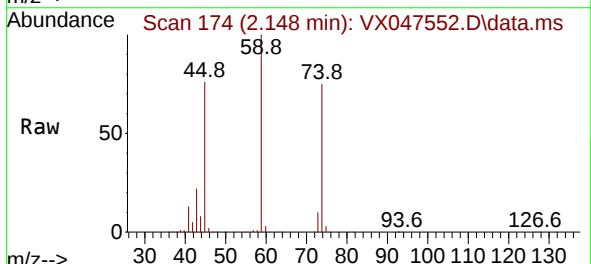
Instrument :
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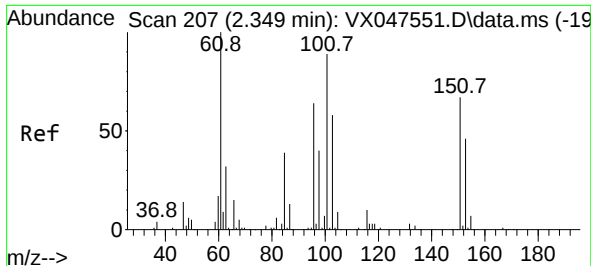
Tgt Ion:101 Resp: 407943
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1



#8
Diethyl Ether
Concen: 107.366 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 74 Resp: 169389
Ion Ratio Lower Upper
74 100
45 102.6 49.0 147.0

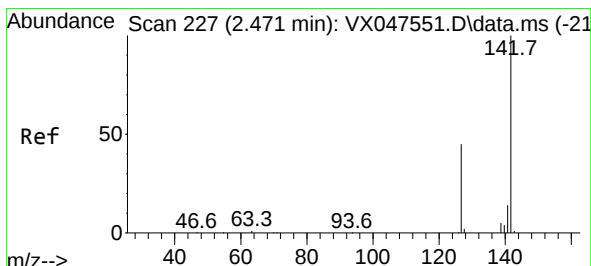
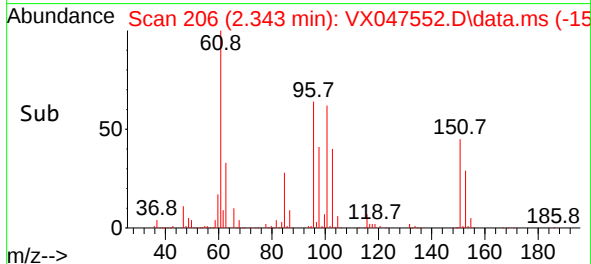
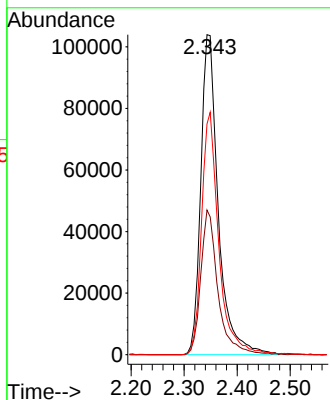
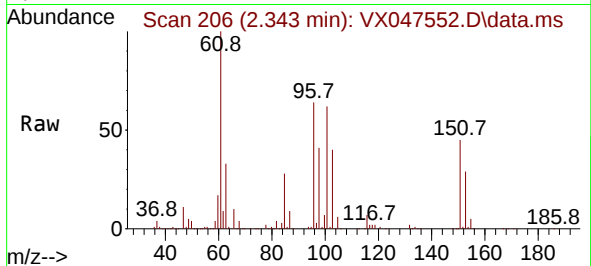




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.645 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047552.D
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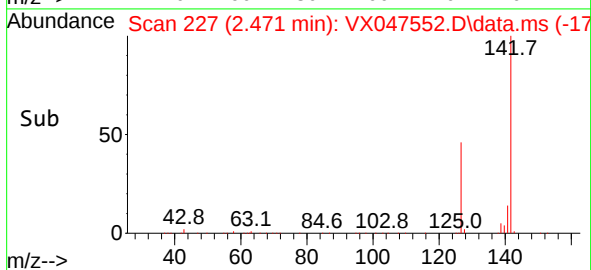
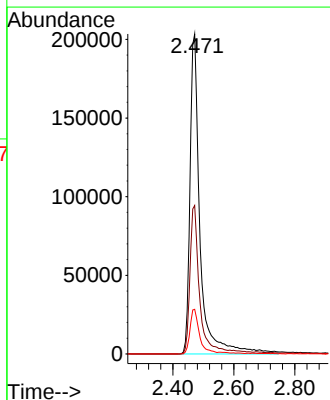
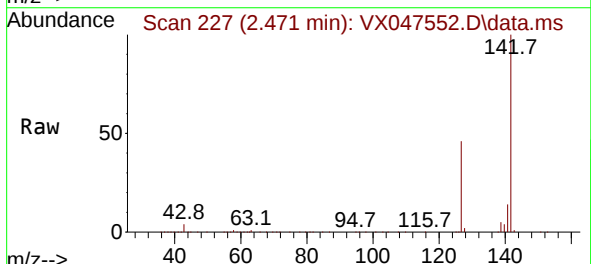
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

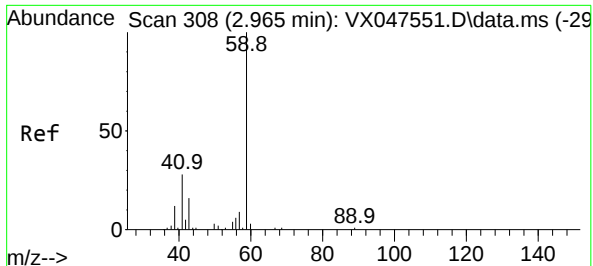
Tgt Ion:101 Resp: 238334
Ion Ratio Lower Upper
101 100
85 44.4 35.1 52.7
151 74.6 58.6 88.0



#10
Methyl Iodide
Concen: 118.841 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion:142 Resp: 465858
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 13.2 10.6 16.0

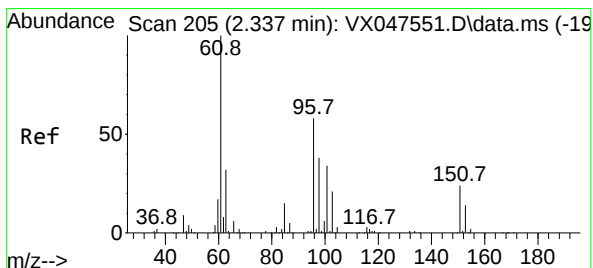
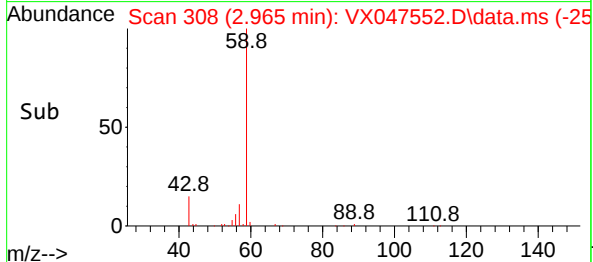
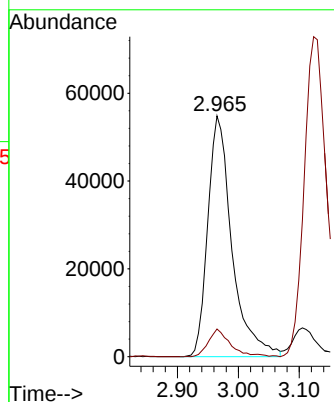
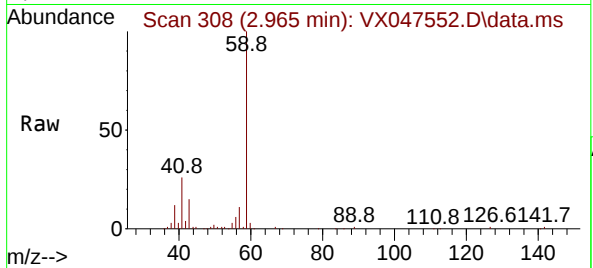




#11
Tert butyl alcohol
Concen: 538.548 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

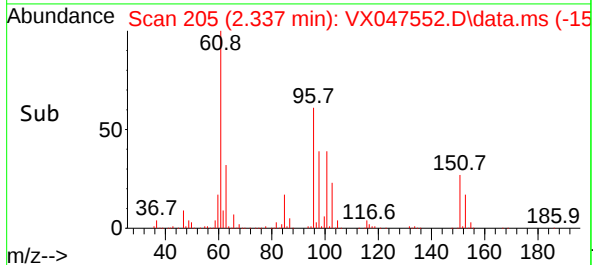
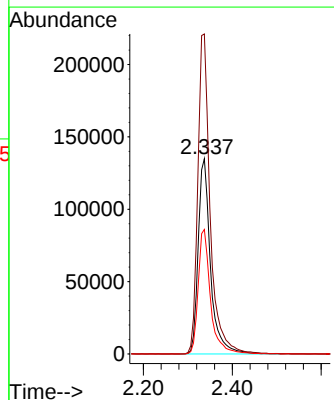
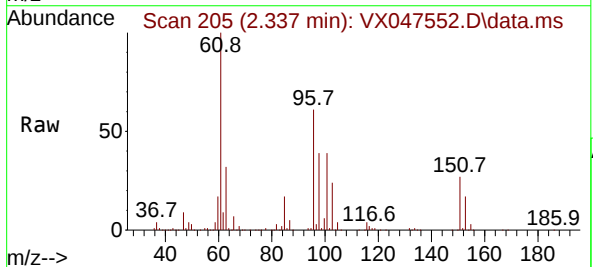
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

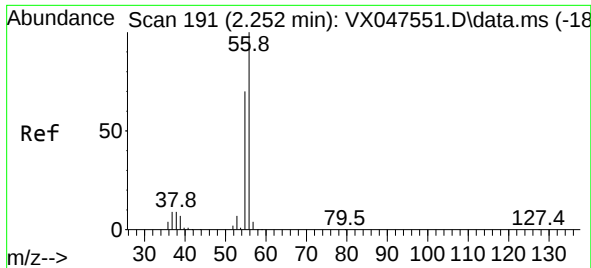
Tgt Ion: 59 Resp: 151148
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9



#12
1,1-Dichloroethene
Concen: 103.756 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 96 Resp: 260543
Ion Ratio Lower Upper
96 100
61 164.0 136.8 205.2
98 63.8 52.4 78.6

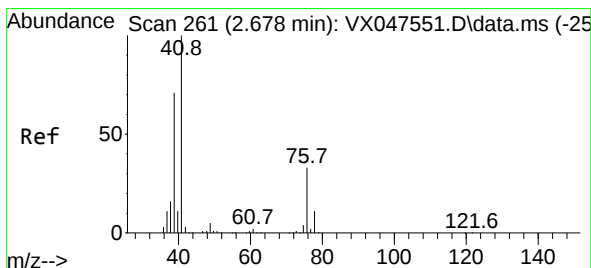
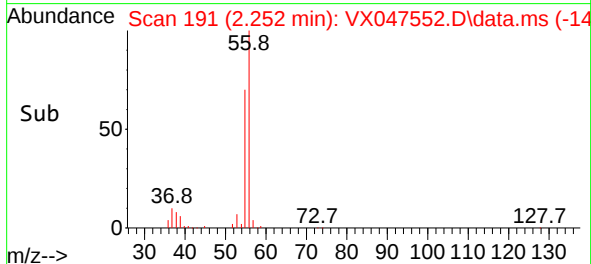
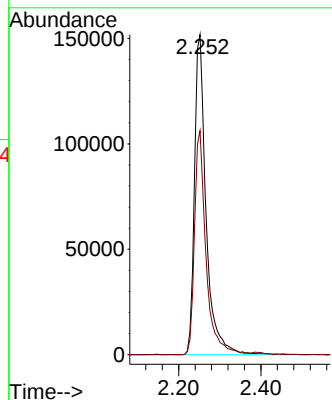
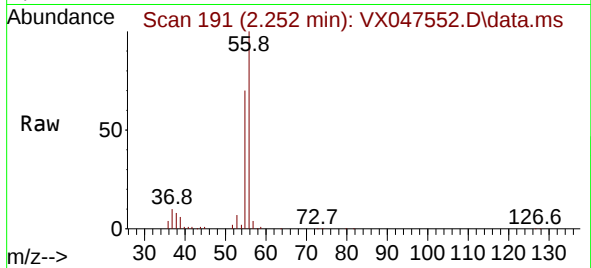




#13
Acrolein
Concen: 528.351 ug/l
RT: 2.252 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

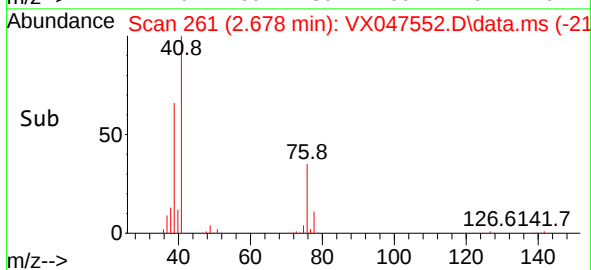
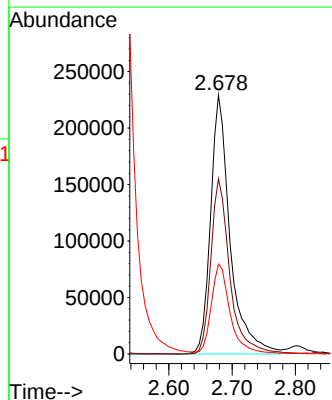
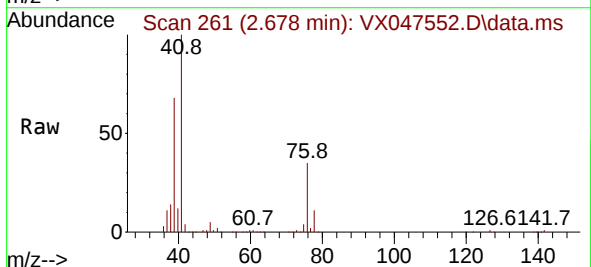
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

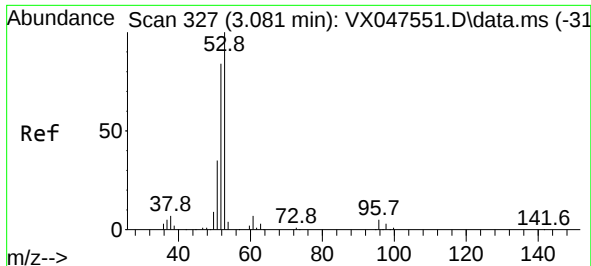
Tgt Ion: 56 Resp: 297257
Ion Ratio Lower Upper
56 100
55 69.4 57.0 85.6



#14
Allyl chloride
Concen: 107.123 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 41 Resp: 492782
Ion Ratio Lower Upper
41 100
39 65.7 53.2 79.8
76 33.5 26.8 40.2

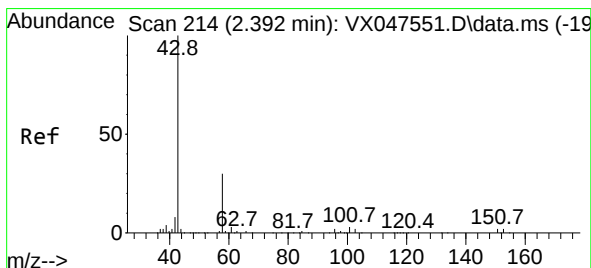
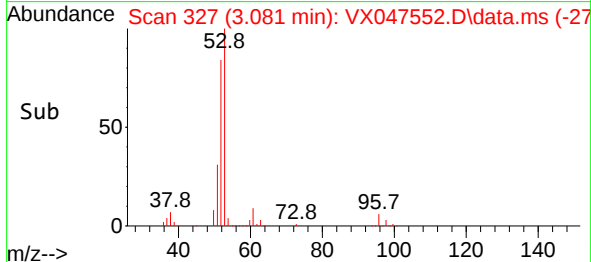
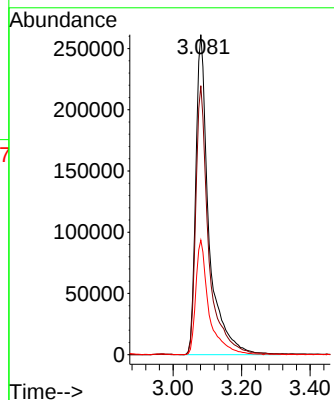
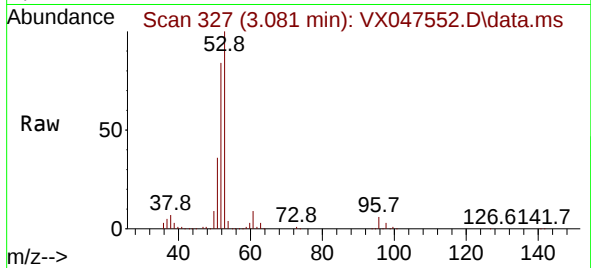




#15
Acrylonitrile
Concen: 554.925 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

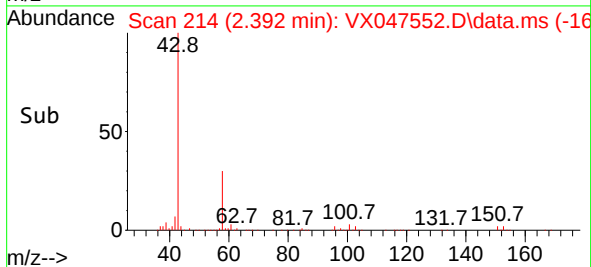
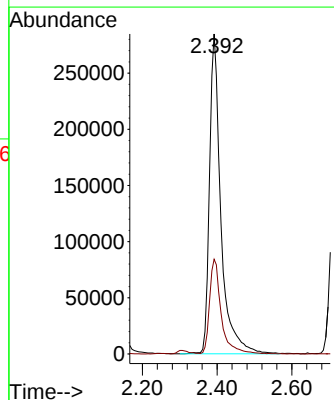
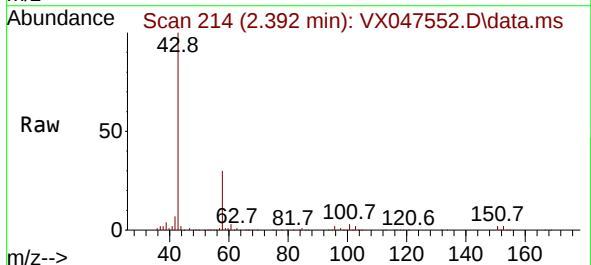
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

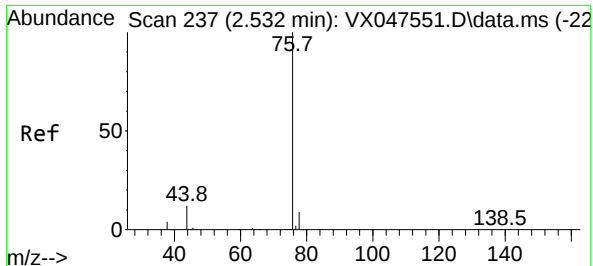
Tgt Ion: 53 Resp: 696925
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.4
51 36.1 29.4 44.0



#16
Acetone
Concen: 497.782 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 43 Resp: 601969
Ion Ratio Lower Upper
43 100
58 29.6 24.2 36.2

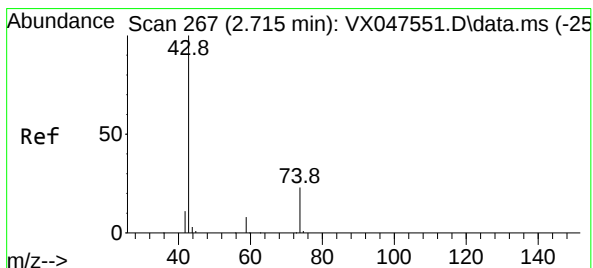
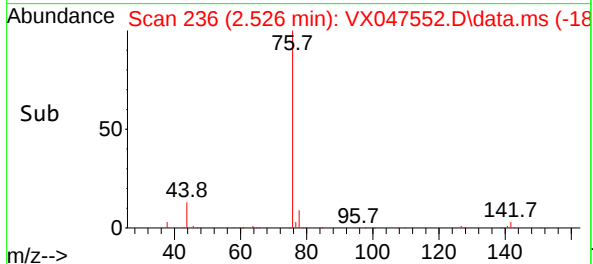
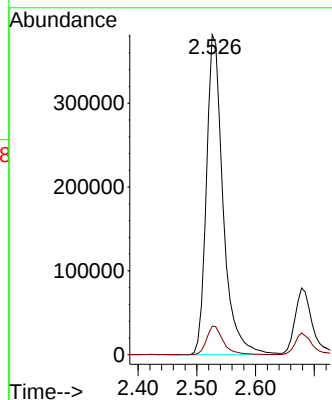
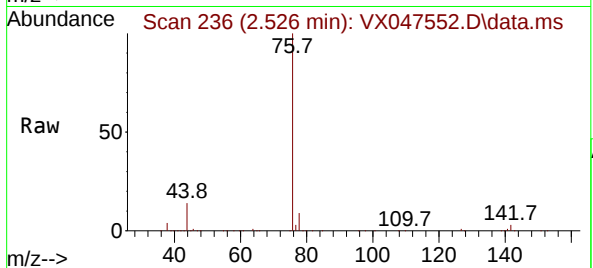




#17
Carbon Disulfide
Concen: 100.982 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

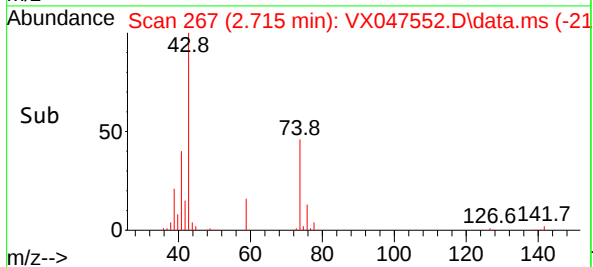
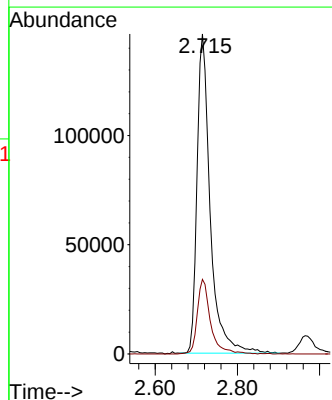
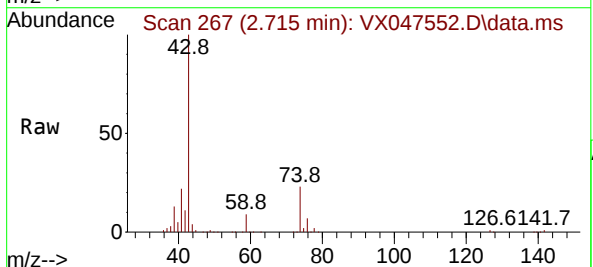
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

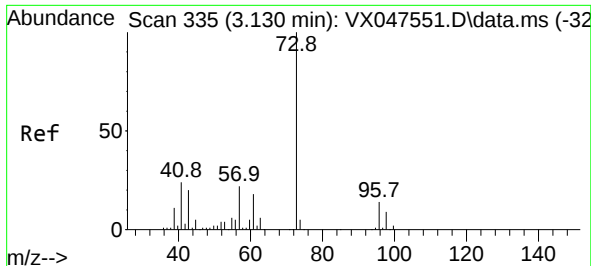
Tgt Ion: 76 Resp: 754008
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 108.935 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 43 Resp: 324782
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8

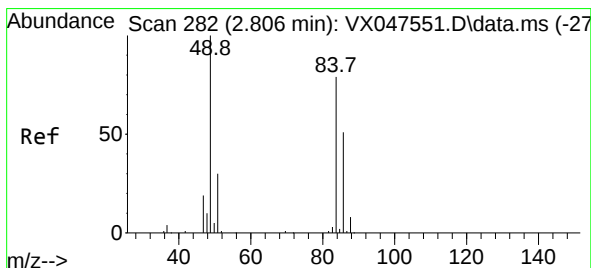
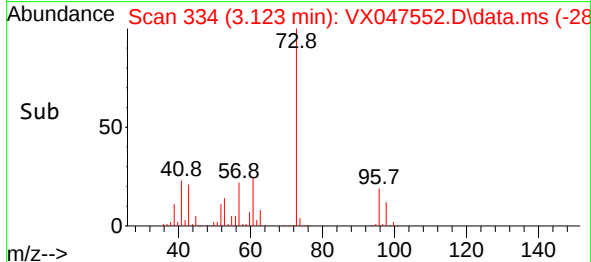
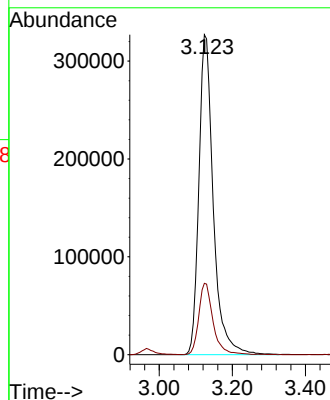
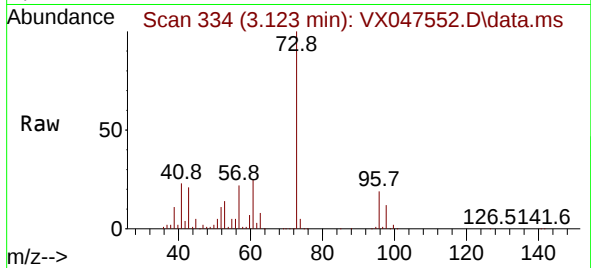




#19
Methyl tert-butyl Ether
Concen: 109.223 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

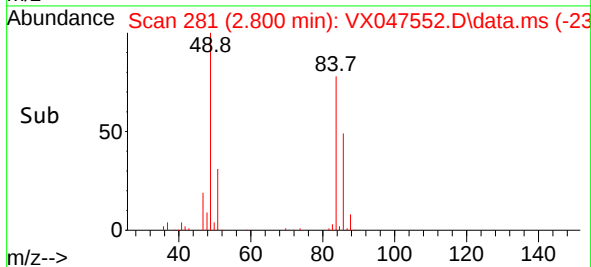
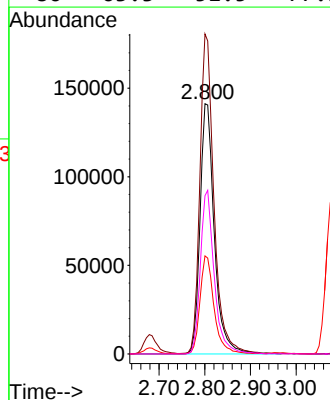
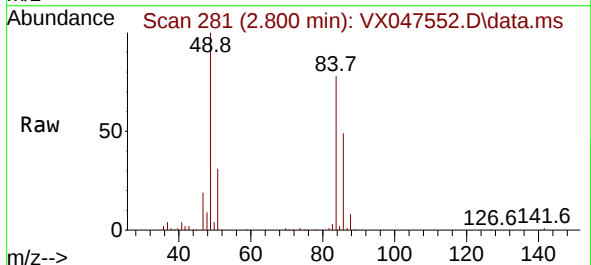
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

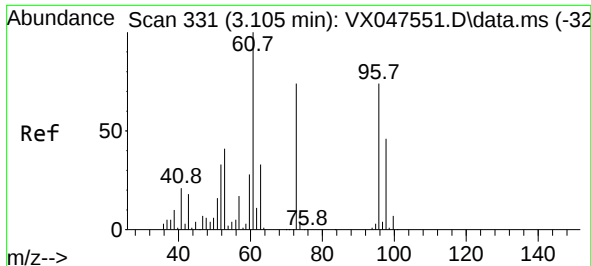
Tgt Ion: 73 Resp: 895223
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#20
Methylene Chloride
Concen: 99.471 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 84 Resp: 306098
Ion Ratio Lower Upper
84 100
49 127.7 101.4 152.2
51 39.1 30.6 46.0
86 63.3 51.5 77.3

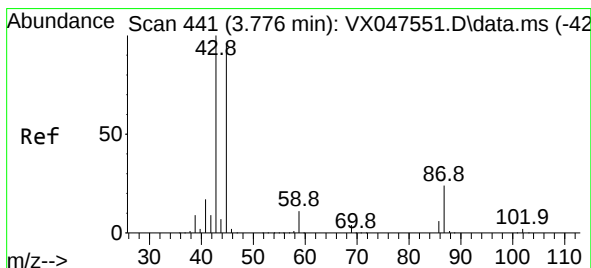
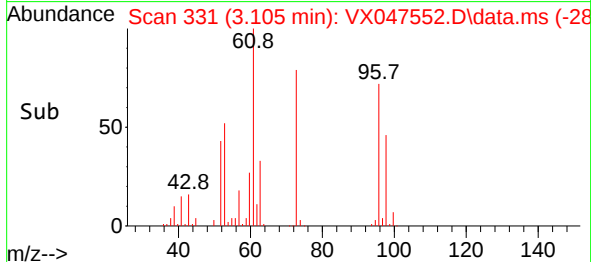
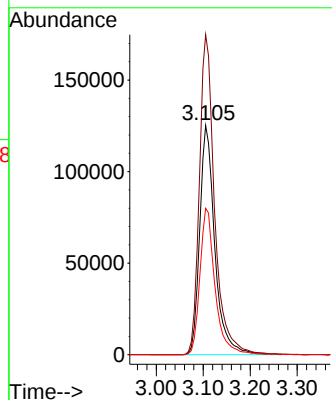
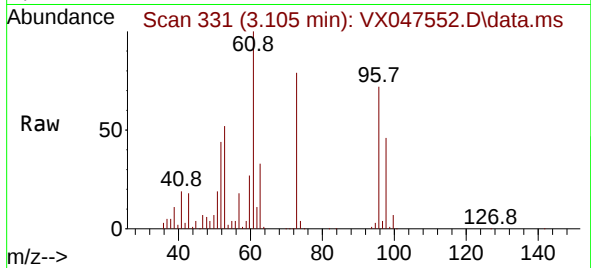




#21
trans-1,2-Dichloroethene
Concen: 105.166 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

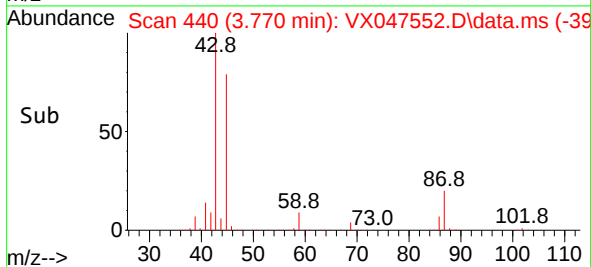
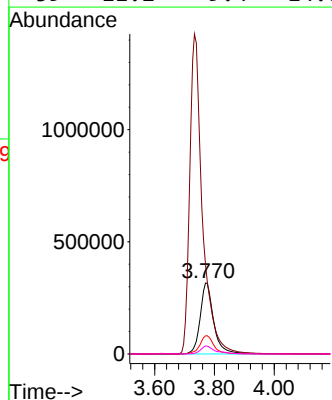
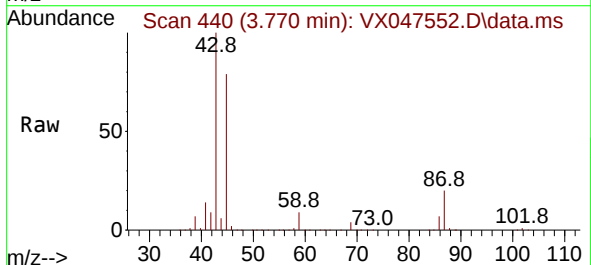
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

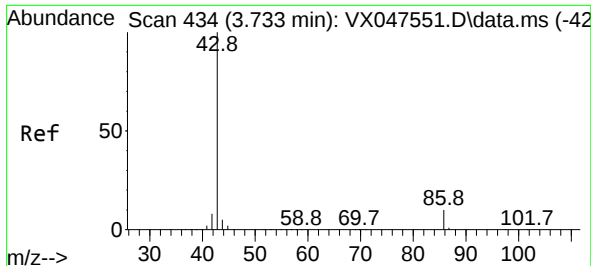
Tgt Ion: 96 Resp: 281026
Ion Ratio Lower Upper
96 100
61 139.5 108.0 162.0
98 63.9 51.6 77.4



#22
Diisopropyl ether
Concen: 106.897 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 45 Resp: 990382
Ion Ratio Lower Upper
45 100
43 126.6 83.2 124.8#
87 25.6 20.2 30.4
59 11.2 9.4 14.0

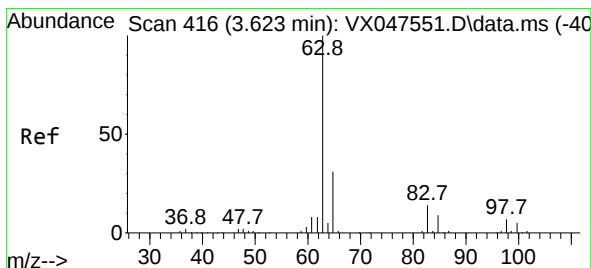
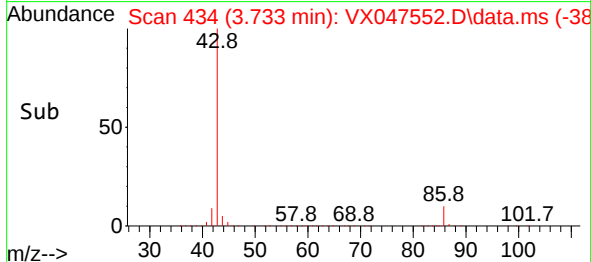
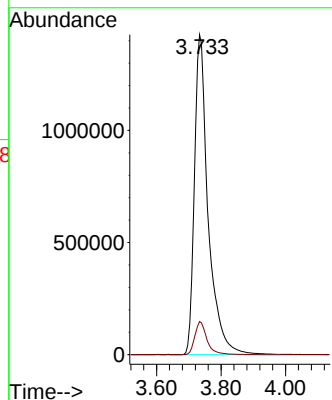
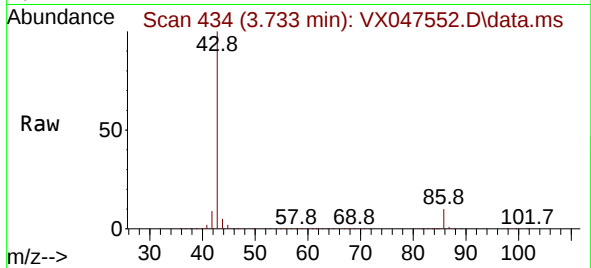




#23
 Vinyl Acetate
 Concen: 559.909 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX047552.D
 Acq: 28 Aug 2025 16:14

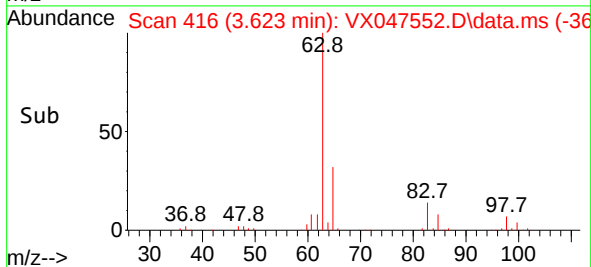
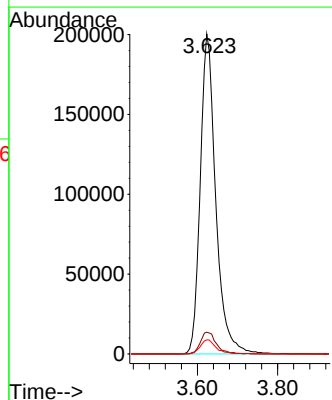
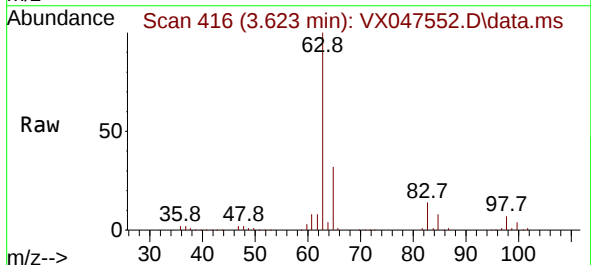
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

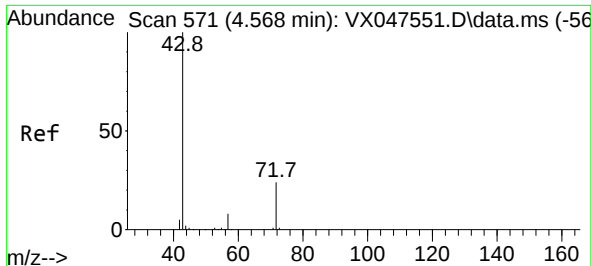
Tgt Ion: 43 Resp: 4224047
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 104.182 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047552.D
 Acq: 28 Aug 2025 16:14

Tgt Ion: 63 Resp: 536336
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.4 2.6 7.8

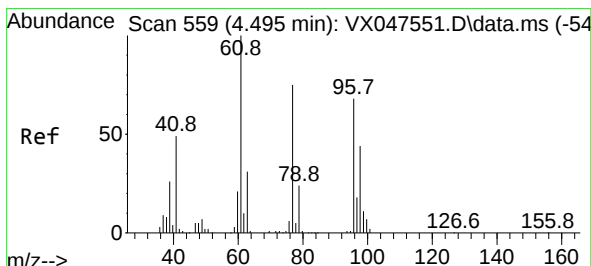
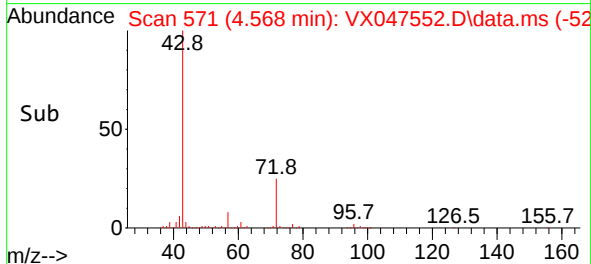
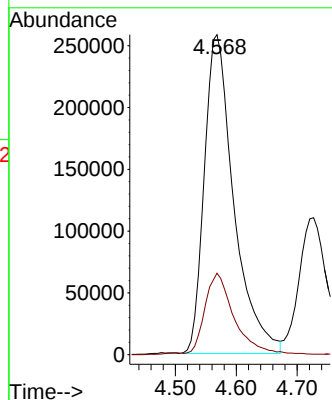
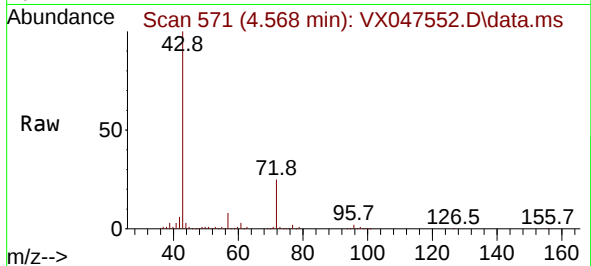




#25
2-Butanone
Concen: 546.561 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

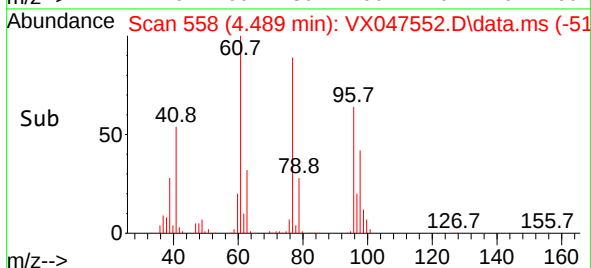
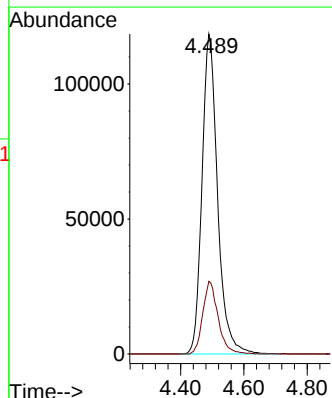
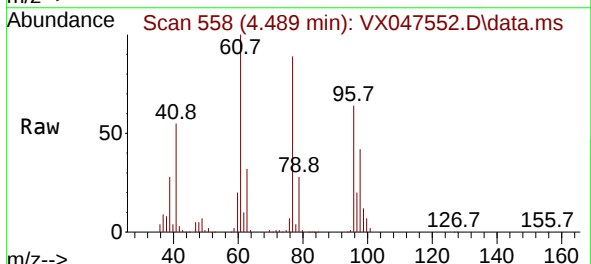
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

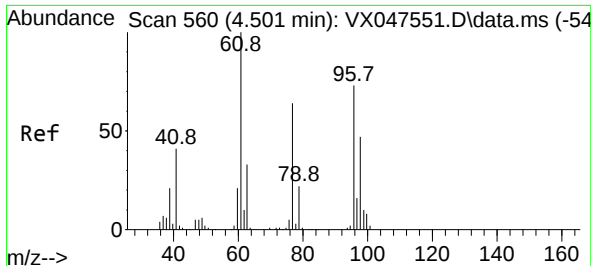
Tgt Ion: 43 Resp: 869840
Ion Ratio Lower Upper
43 100
72 24.8 19.5 29.3



#26
2,2-Dichloropropane
Concen: 109.092 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 77 Resp: 405935
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 104.886 ug/l

RT: 4.501 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

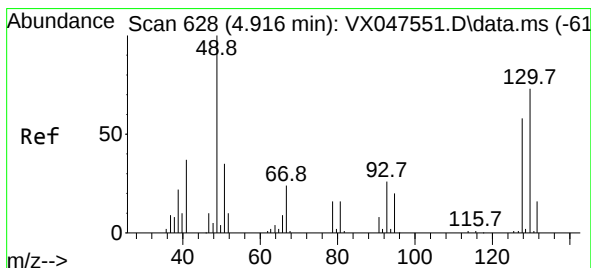
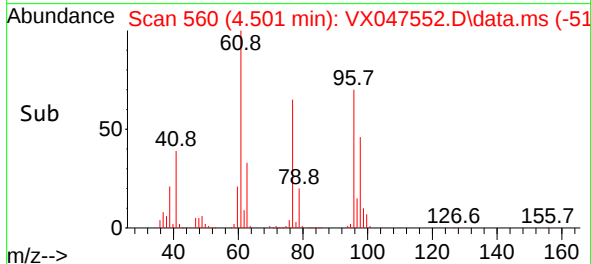
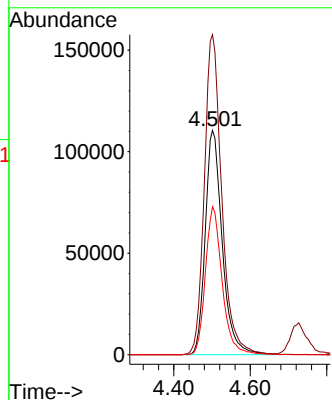
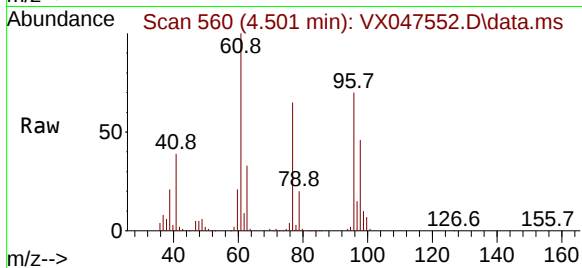
Tgt Ion: 96 Resp: 341485

Ion Ratio Lower Upper

96 100

61 146.0 0.0 289.4

98 64.8 0.0 129.2



#28

Bromochloromethane

Concen: 104.386 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.006 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

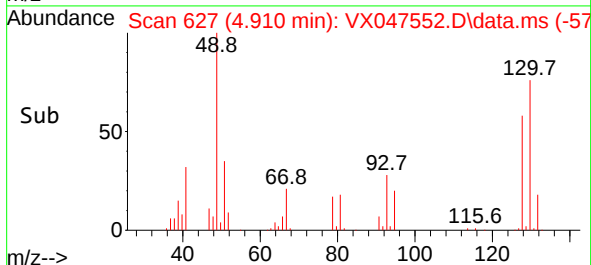
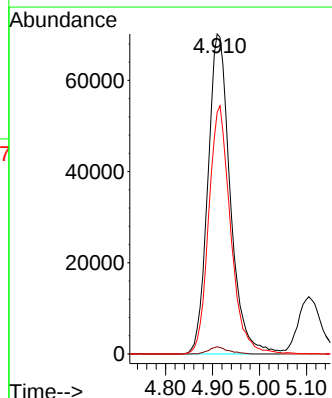
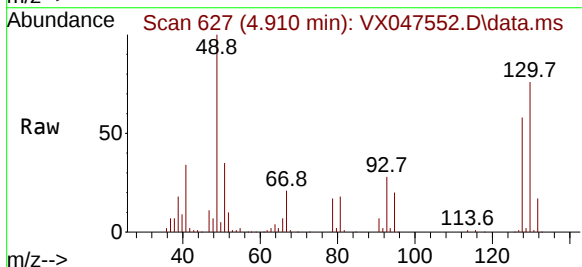
Tgt Ion: 49 Resp: 231907

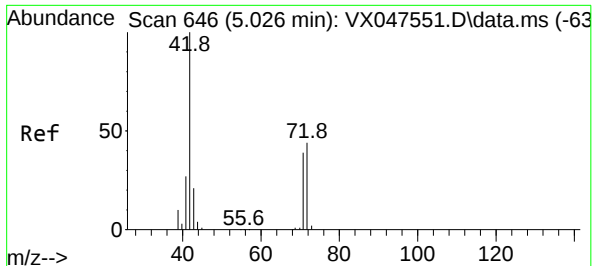
Ion Ratio Lower Upper

49 100

129 1.9 0.0 1.8#

130 75.6 59.8 89.6





#29

Tetrahydrofuran

Concen: 547.658 ug/l

RT: 5.019 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

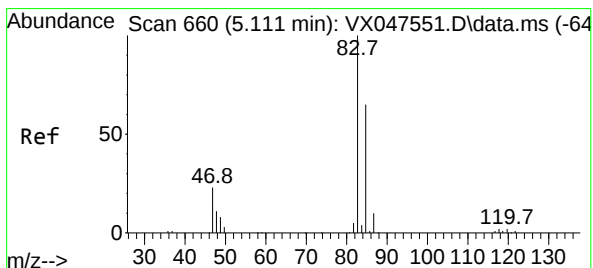
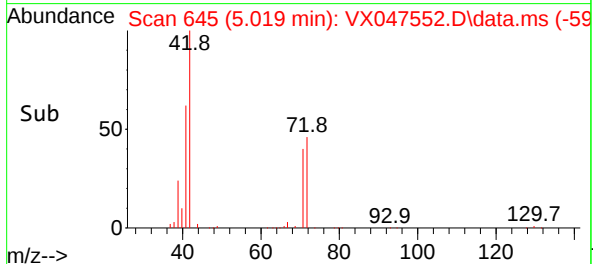
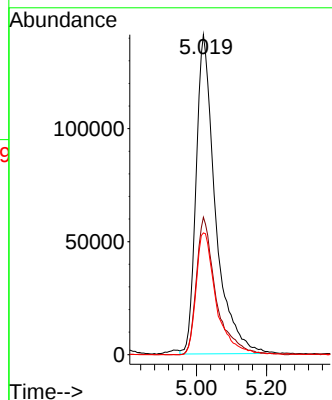
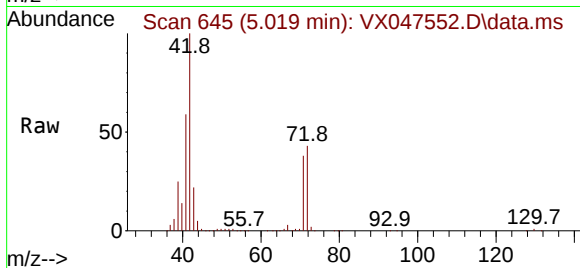
Tgt Ion: 42 Resp: 540879

Ion Ratio Lower Upper

42 100

72 43.7 34.5 51.7

71 39.7 31.7 47.5



#30

Chloroform

Concen: 103.549 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.006 min

Lab File: VX047552.D

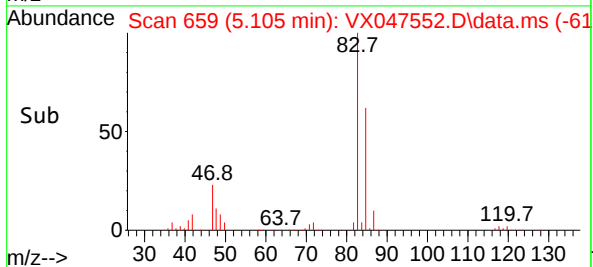
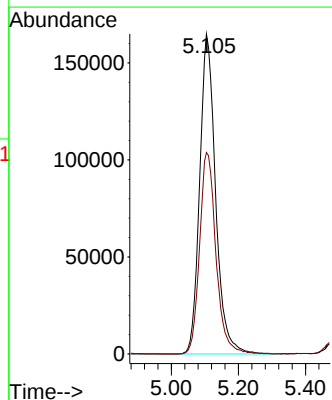
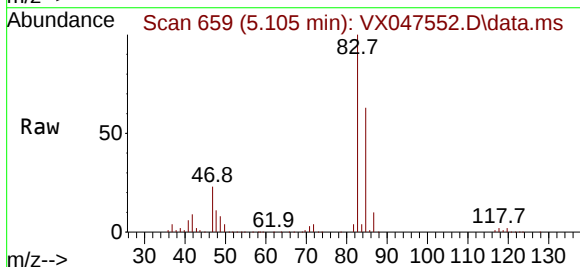
Acq: 28 Aug 2025 16:14

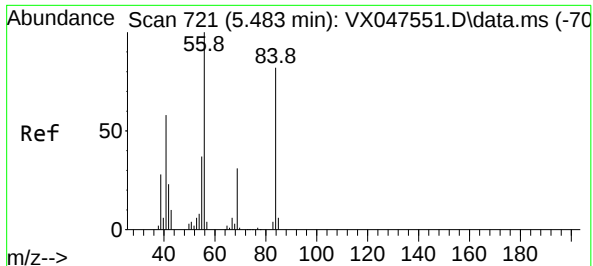
Tgt Ion: 83 Resp: 542820

Ion Ratio Lower Upper

83 100

85 62.9 52.3 78.5

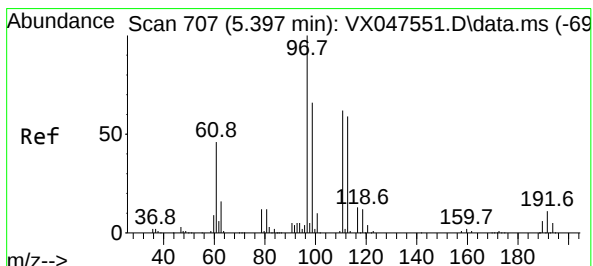
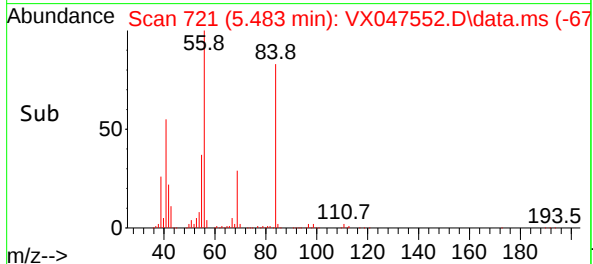
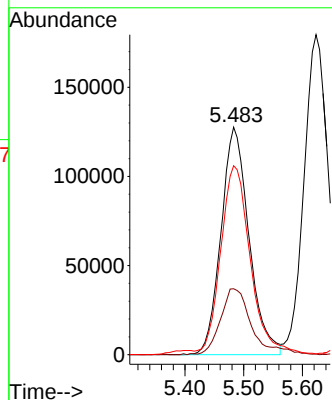
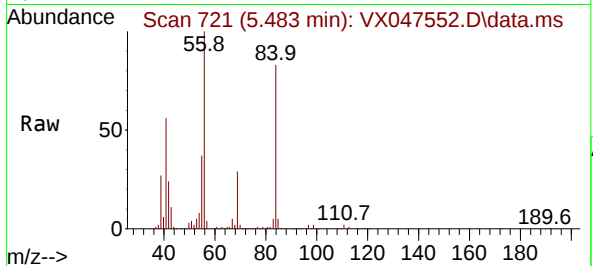




#31
Cyclohexane
Concen: 98.348 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

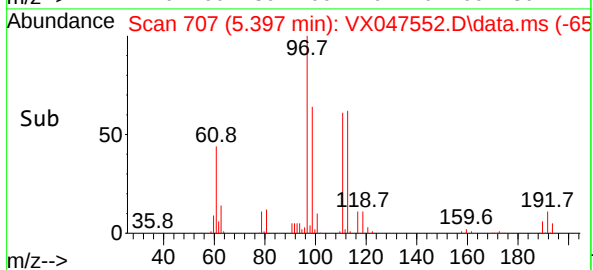
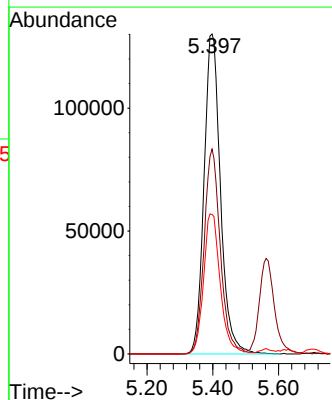
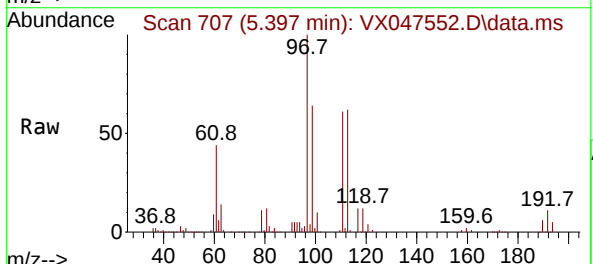
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

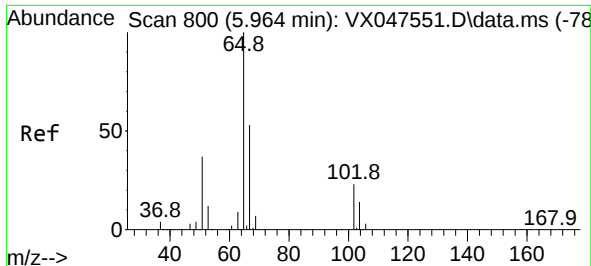
Tgt Ion: 56 Resp: 422251
Ion Ratio Lower Upper
56 100
69 28.5 24.2 36.2
84 81.3 65.5 98.3



#32
1,1,1-Trichloroethane
Concen: 105.996 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 97 Resp: 452709
Ion Ratio Lower Upper
97 100
99 62.9 51.5 77.3
61 44.4 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 105.360 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

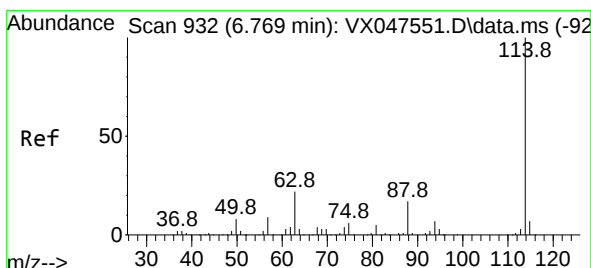
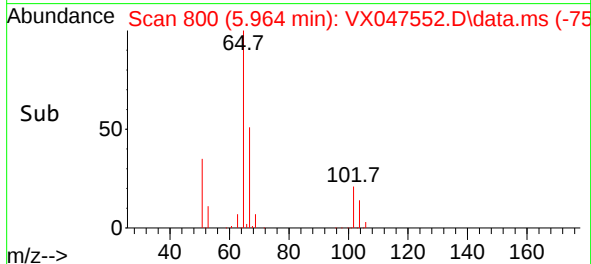
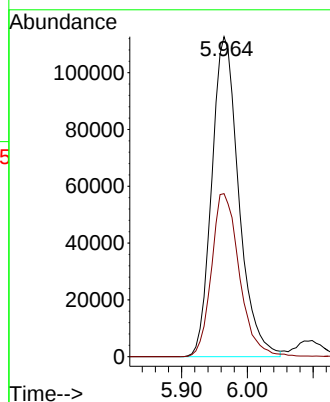
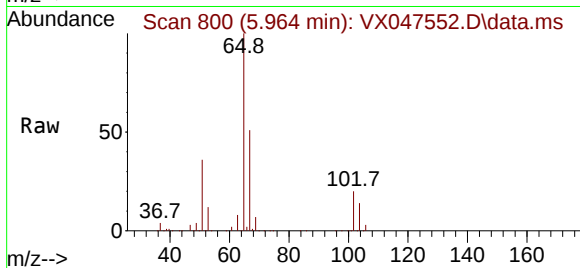
VSTDIC100

Tgt Ion: 65 Resp: 321712

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

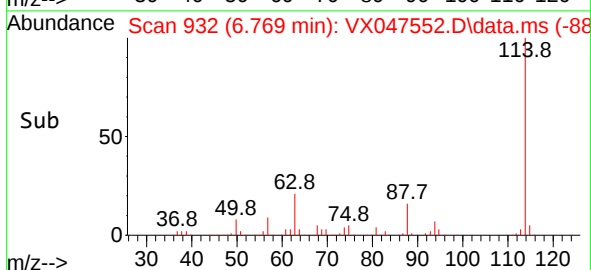
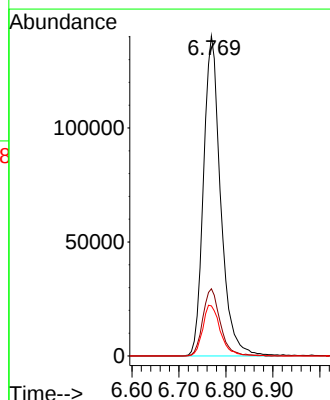
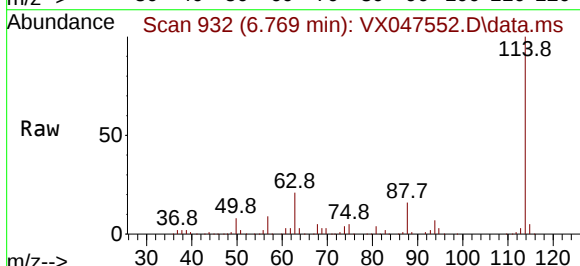
Tgt Ion: 114 Resp: 355362

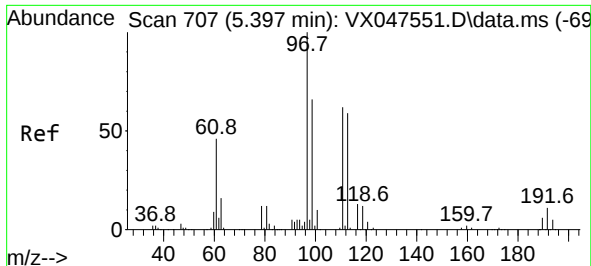
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.6

88 15.7 0.0 33.2

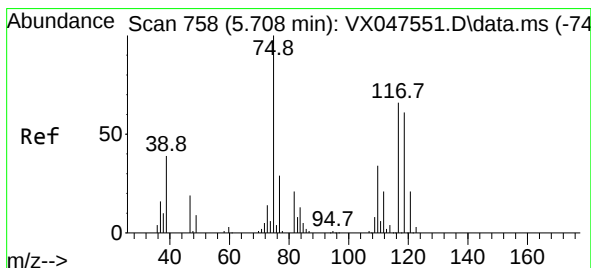
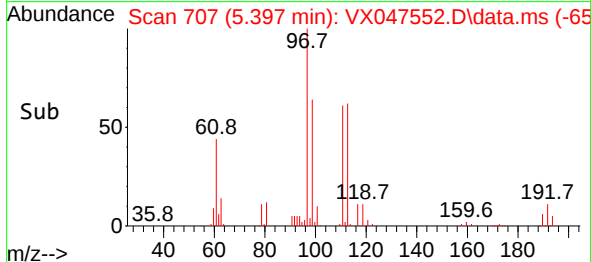
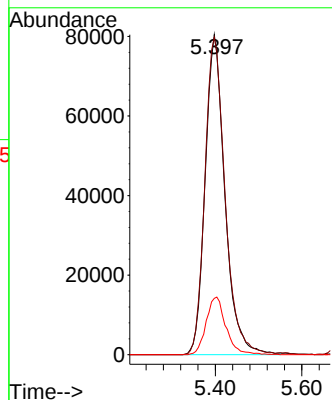
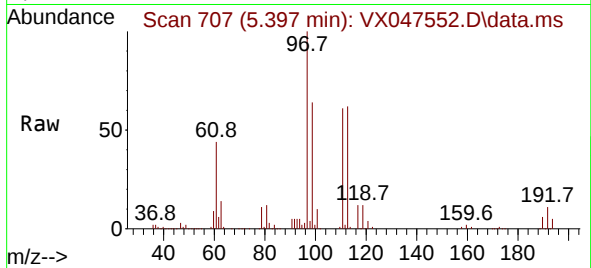




#35
Dibromofluoromethane
Concen: 104.409 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

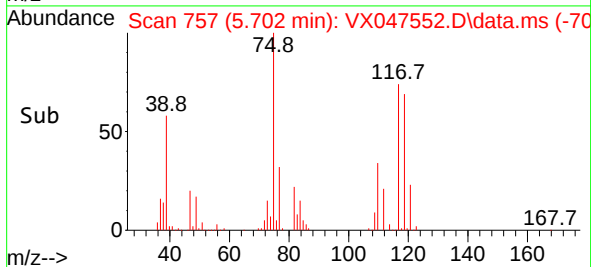
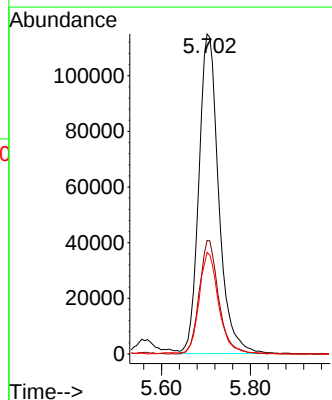
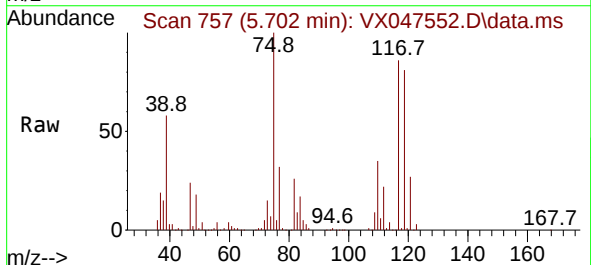
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

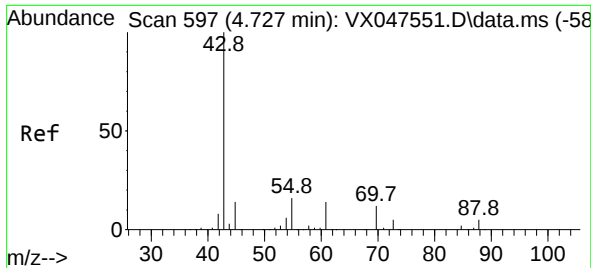
Tgt Ion:113 Resp: 254653
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 18.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 102.722 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 75 Resp: 356555
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.3
77 31.4 25.0 37.6

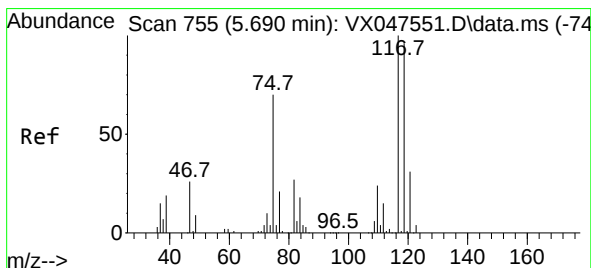
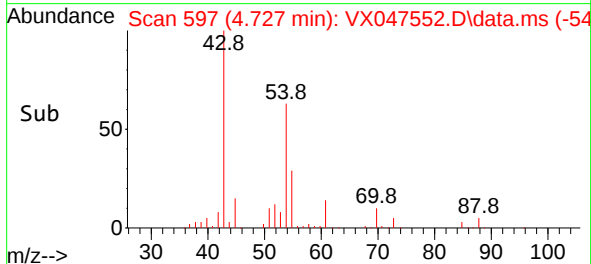
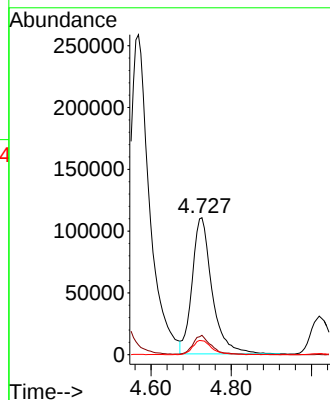
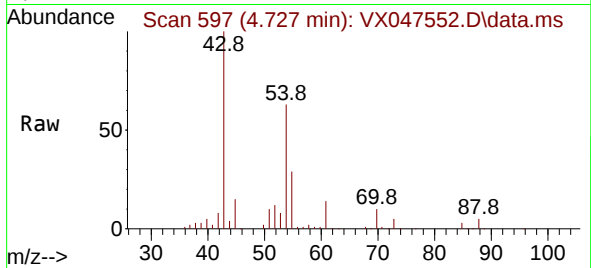




#37
Ethyl Acetate
Concen: 110.916 ug/l
RT: 4.727 min Scan# 597
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

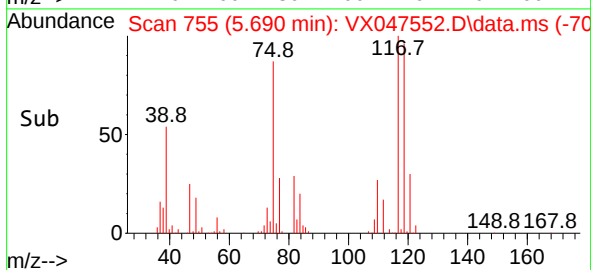
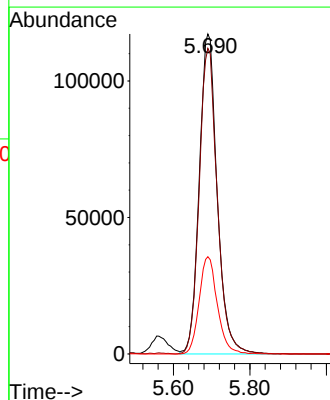
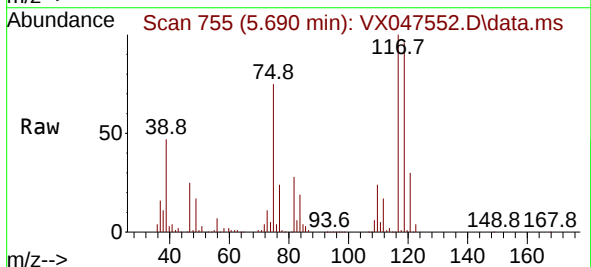
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

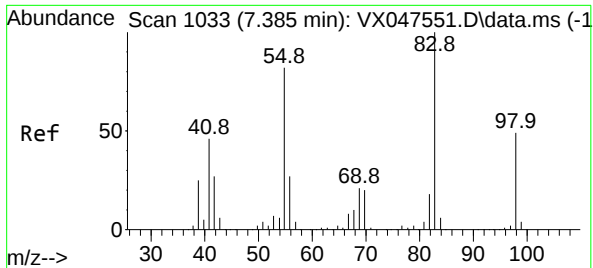
Tgt Ion: 43 Resp: 379465
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.2
70 10.1 8.2 12.4



#38
Carbon Tetrachloride
Concen: 99.086 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 117 Resp: 381617
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 30.4 24.9 37.3



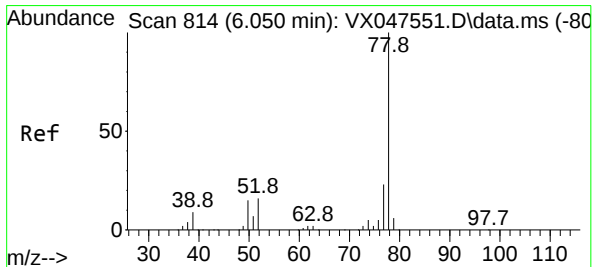
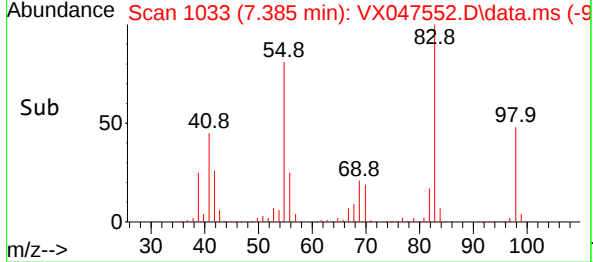
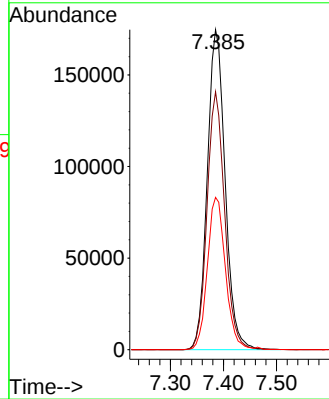
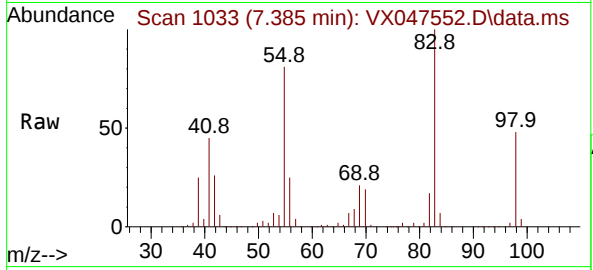


#39
Methylcyclohexane
Concen: 102.066 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 408570

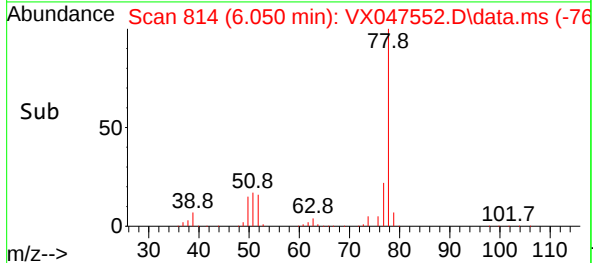
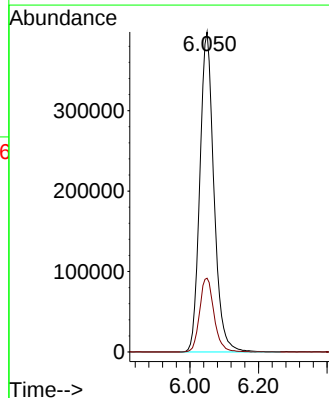
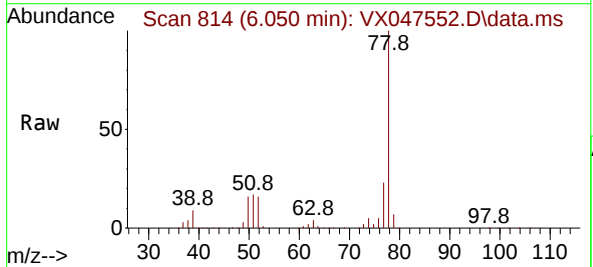
Ion	Ratio	Lower	Upper
83	100		
55	80.6	65.4	98.2
98	47.6	39.0	58.4

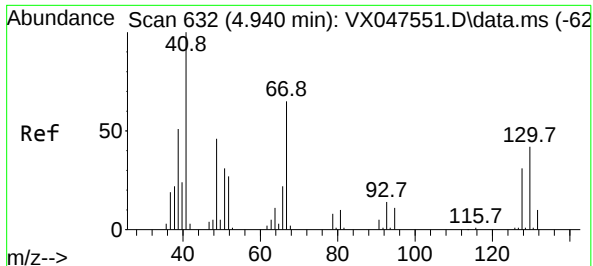


#40
Benzene
Concen: 102.652 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 78 Resp: 1137533

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.5	27.7



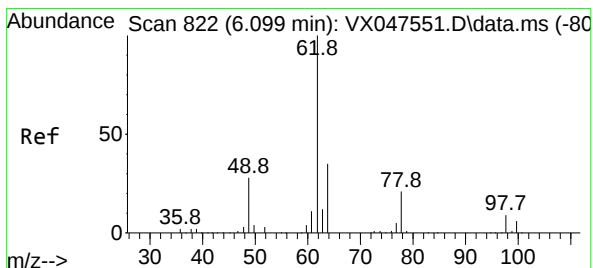
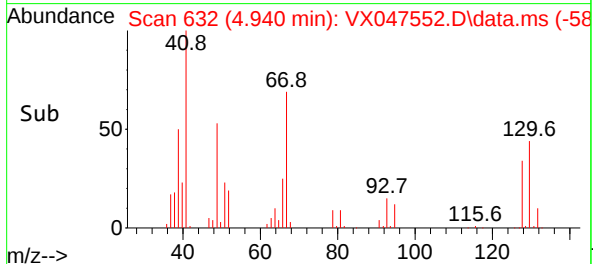
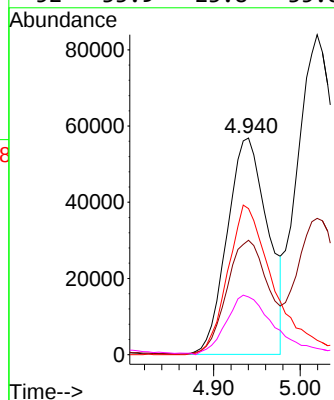
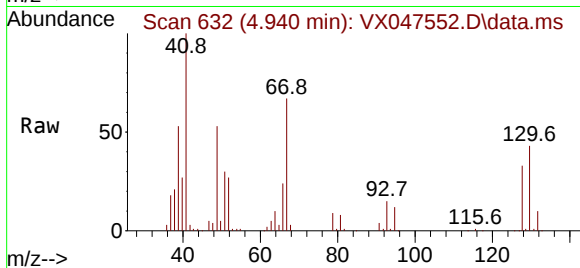


#41
Methacrylonitrile
Concen: 114.504 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 185527

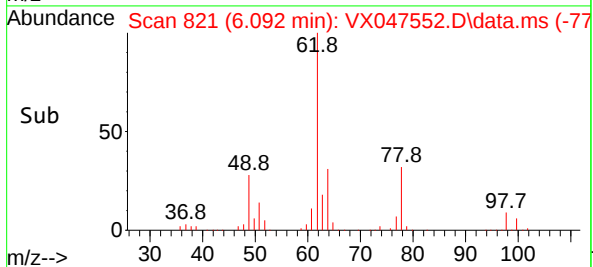
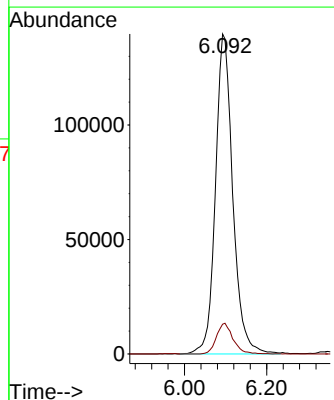
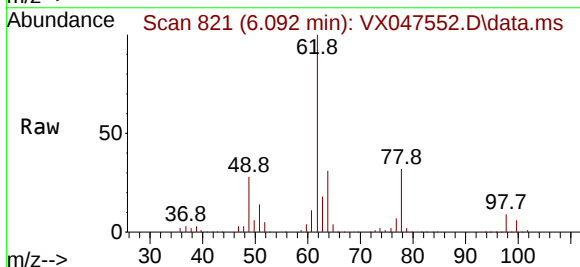
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.4	63.6
67	80.5	60.6	90.8
52	33.9	23.8	35.8

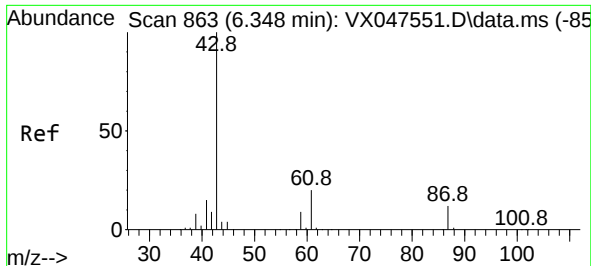


#42
1,2-Dichloroethane
Concen: 102.491 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 62 Resp: 408858

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8





#43

Isopropyl Acetate

Concen: 113.364 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

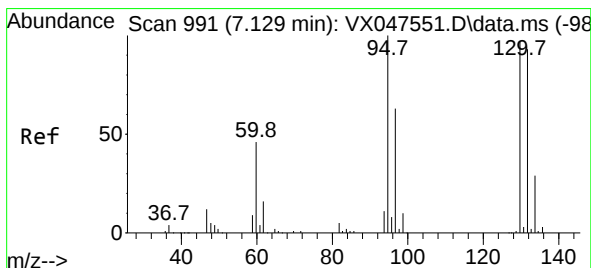
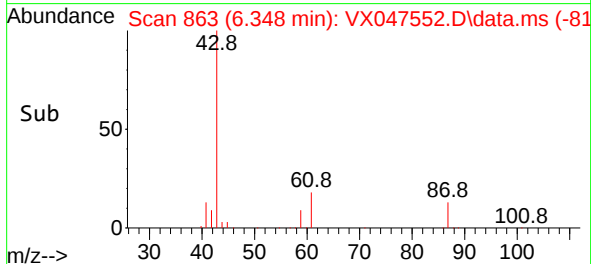
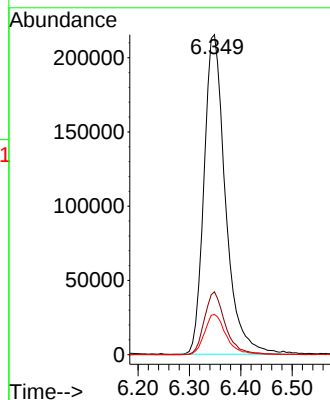
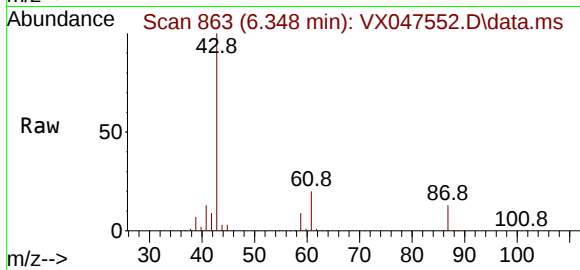
Tgt Ion: 43 Resp: 623187

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.2

87 12.8 9.9 14.9



#44

Trichloroethene

Concen: 101.609 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX047552.D

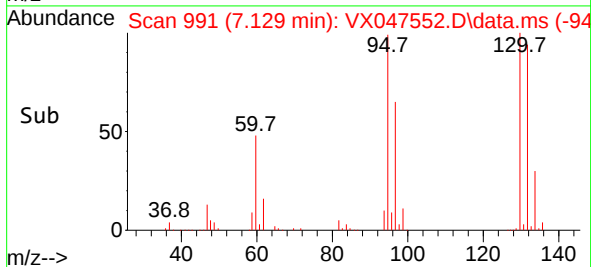
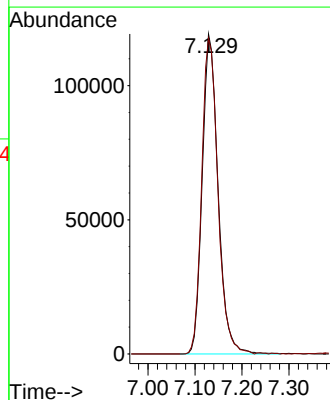
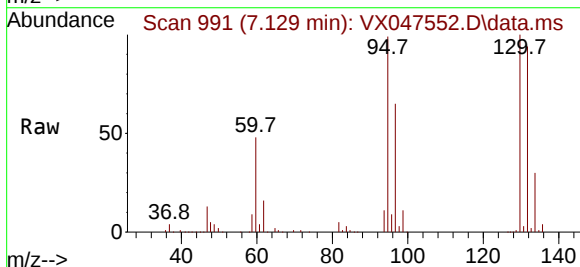
Acq: 28 Aug 2025 16:14

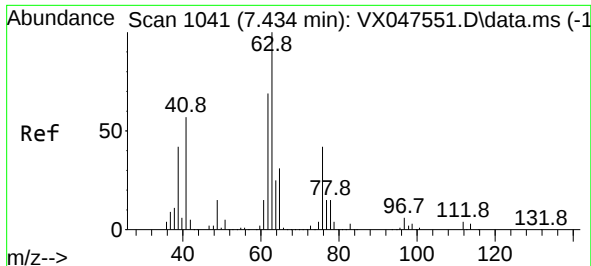
Tgt Ion:130 Resp: 278984

Ion Ratio Lower Upper

130 100

95 98.7 0.0 206.6

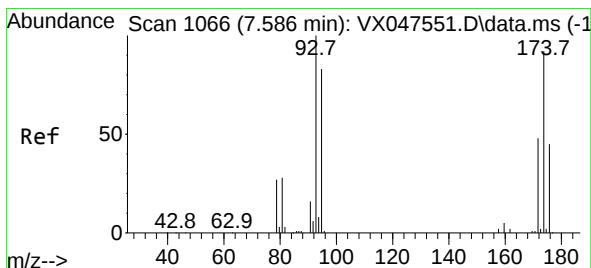
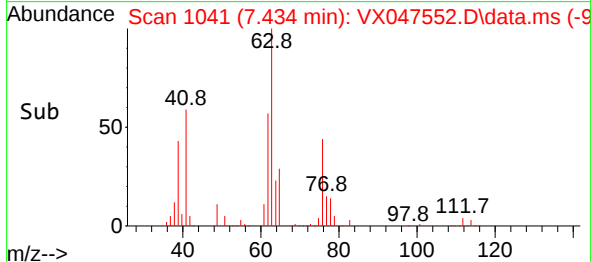
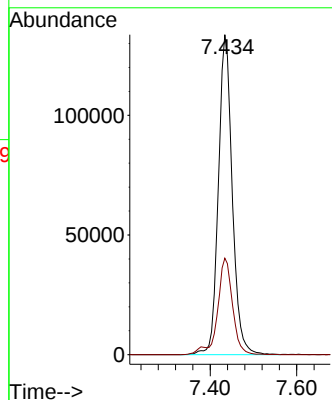
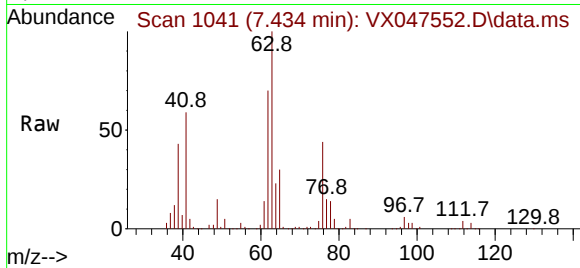




#45
1,2-Dichloropropane
Concen: 106.473 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

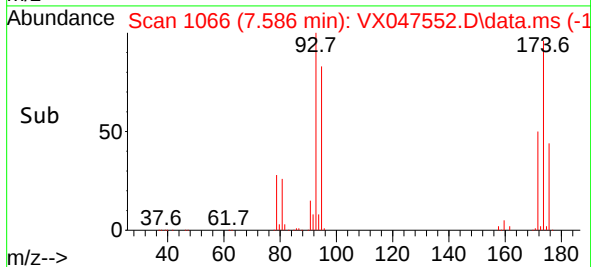
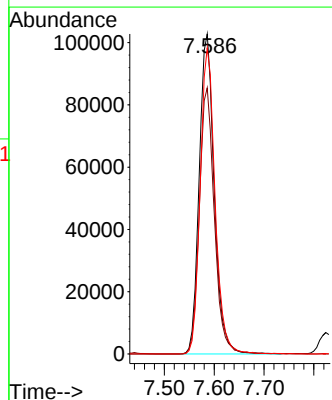
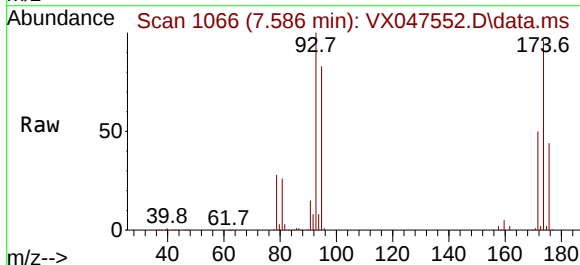
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

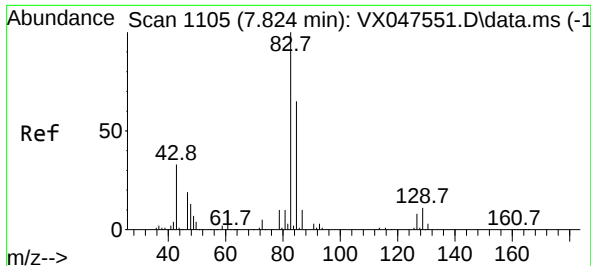
Tgt Ion: 63 Resp: 297190
Ion Ratio Lower Upper
63 100
65 30.2 24.7 37.1



#46
Dibromomethane
Concen: 104.693 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 93 Resp: 215122
Ion Ratio Lower Upper
93 100
95 82.8 66.7 100.1
174 94.6 75.2 112.8

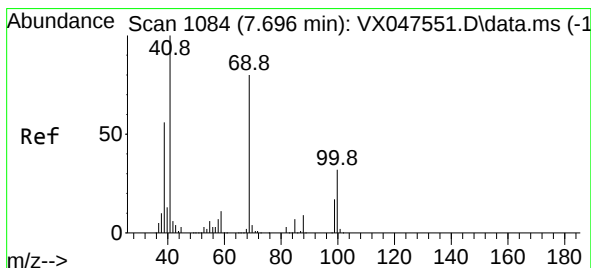
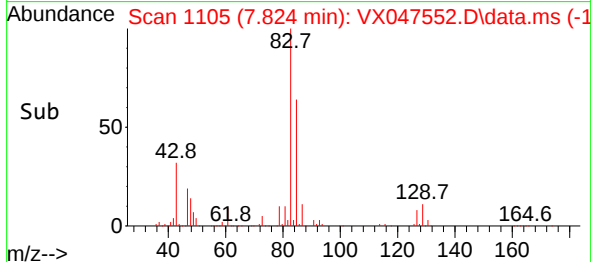
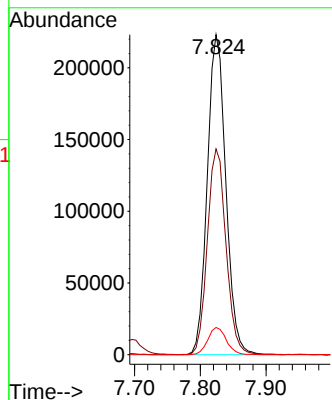
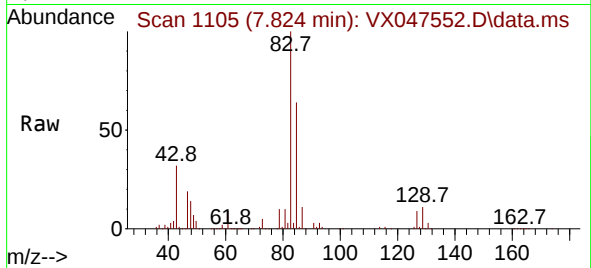




#47
Bromodichloromethane
Concen: 104.165 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

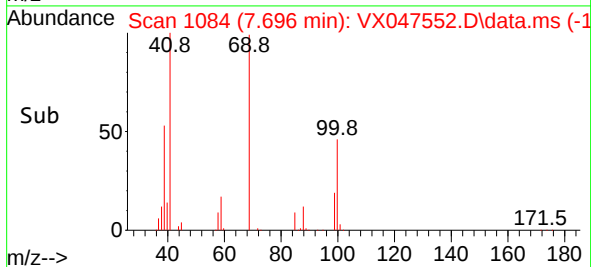
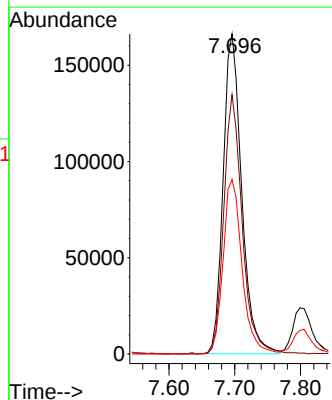
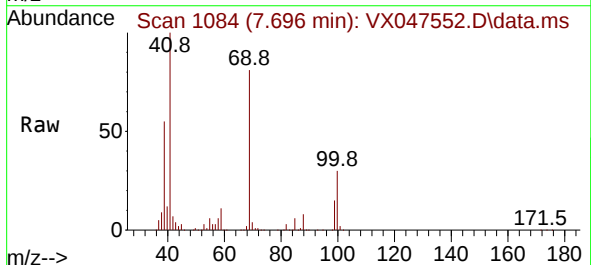
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

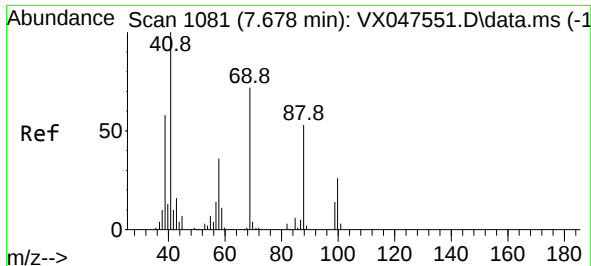
Tgt Ion: 83 Resp: 437725
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 115.436 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 41 Resp: 326436
Ion Ratio Lower Upper
41 100
69 80.5 63.4 95.2
39 55.4 44.7 67.1





#49

1,4-Dioxane

Concen: 2319.068 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

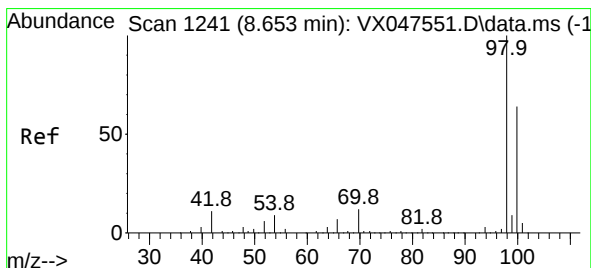
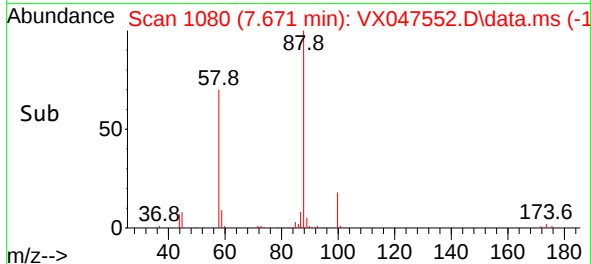
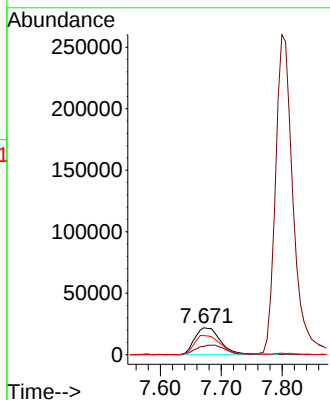
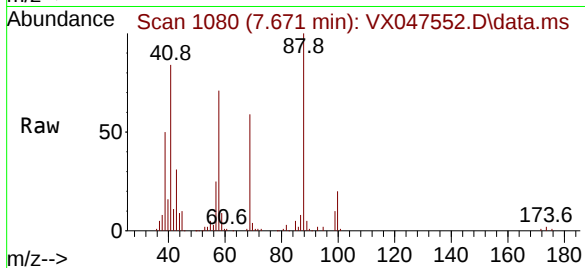
Tgt Ion: 88 Resp: 64873

Ion Ratio Lower Upper

88 100

43 0.0 31.9 47.9#

58 72.1 57.5 86.3



#50

Toluene-d8

Concen: 103.309 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX047552.D

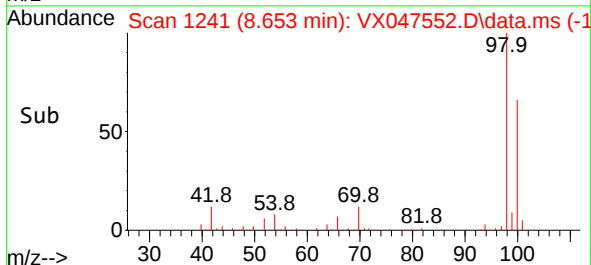
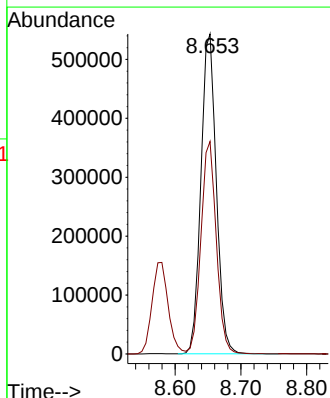
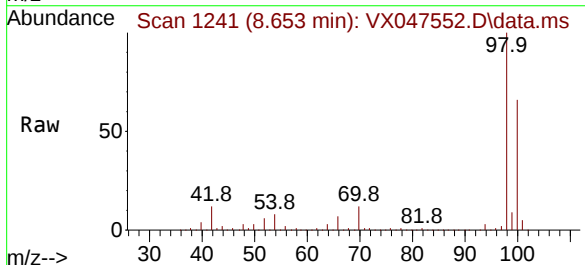
Acq: 28 Aug 2025 16:14

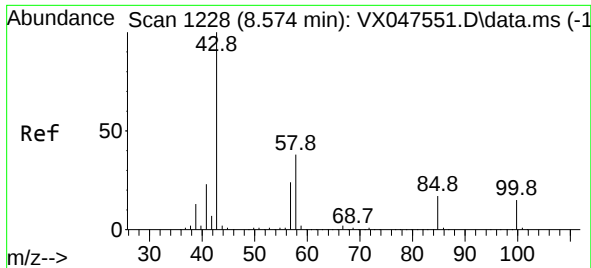
Tgt Ion: 98 Resp: 883189

Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3

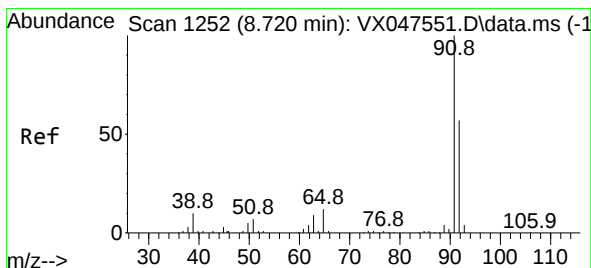
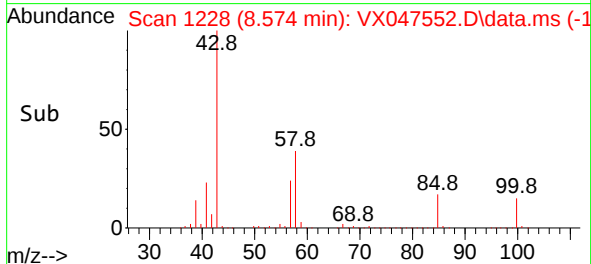
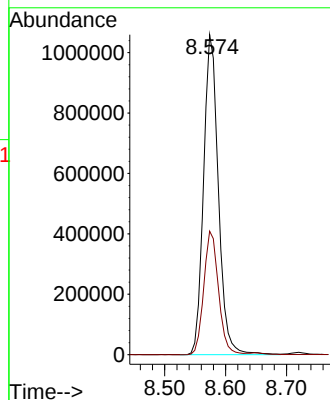
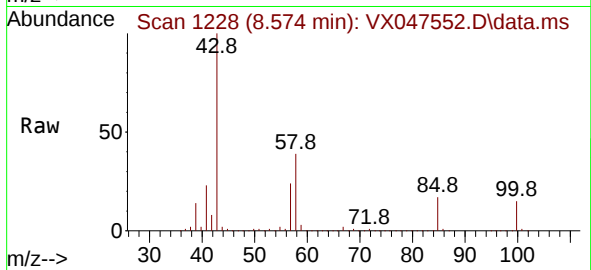




#51
4-Methyl-2-Pentanone
Concen: 551.380 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

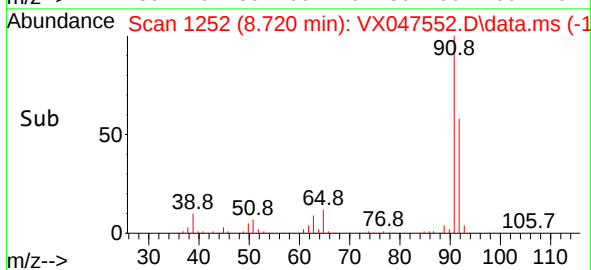
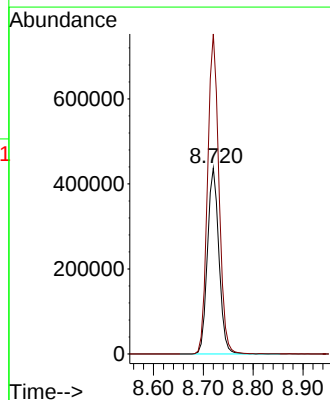
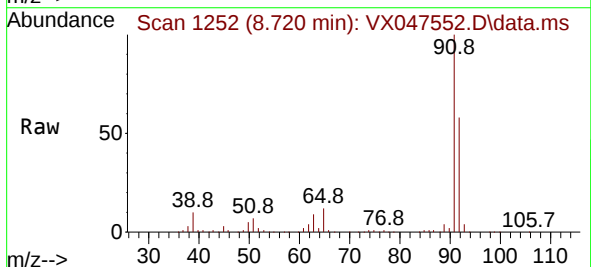
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

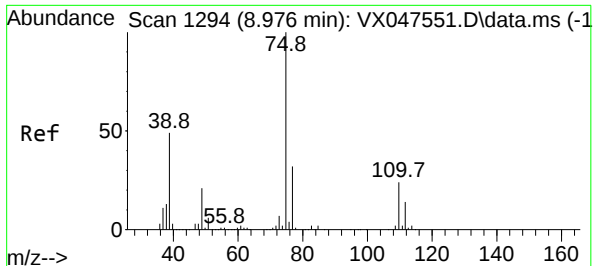
Tgt Ion: 43 Resp: 1790905
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6



#52
Toluene
Concen: 103.209 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 92 Resp: 696997
Ion Ratio Lower Upper
92 100
91 170.2 137.8 206.8

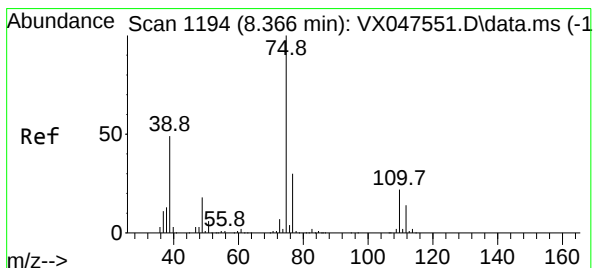
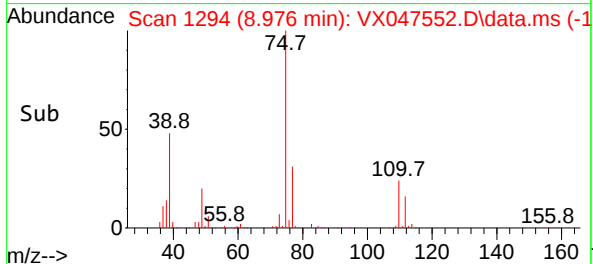
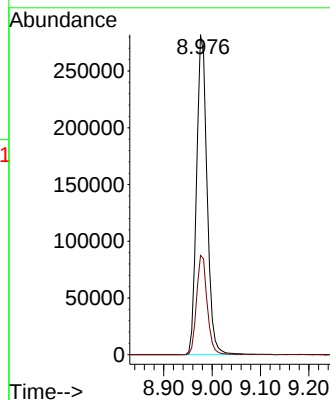
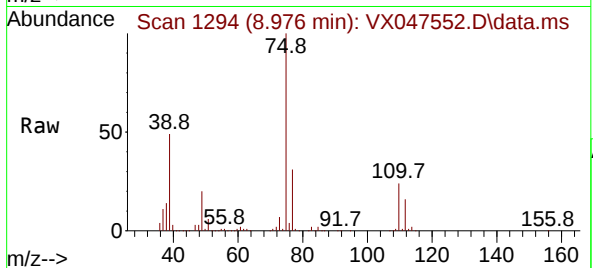




#53
t-1,3-Dichloropropene
Concen: 112.125 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

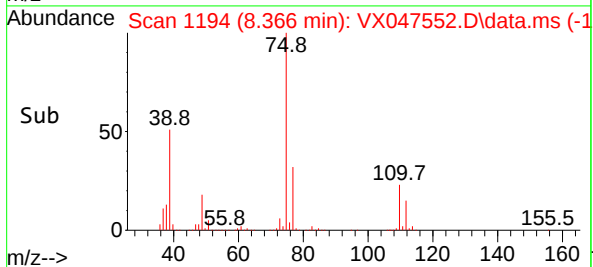
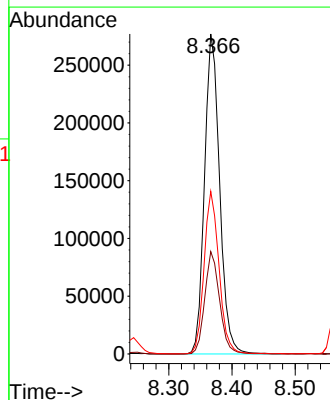
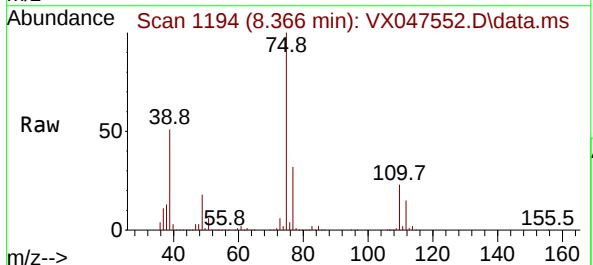
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

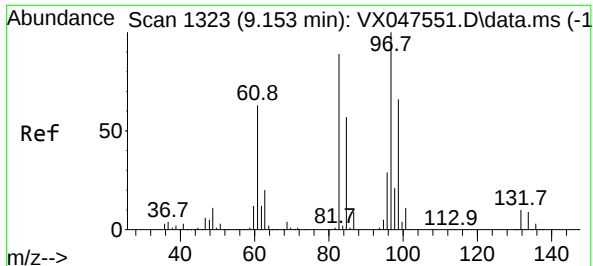
Tgt Ion: 75 Resp: 424485
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 110.161 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 75 Resp: 462107
Ion Ratio Lower Upper
75 100
77 32.0 24.3 36.5
39 50.5 39.0 58.4

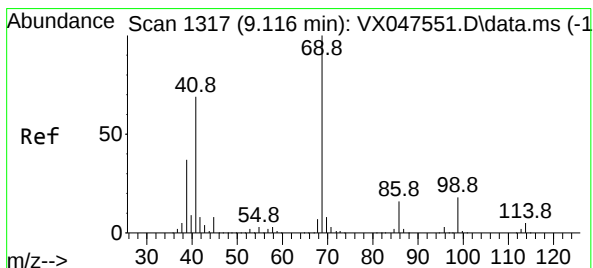
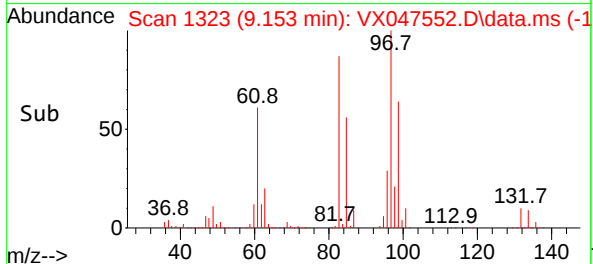
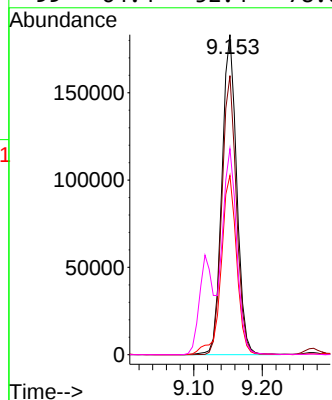
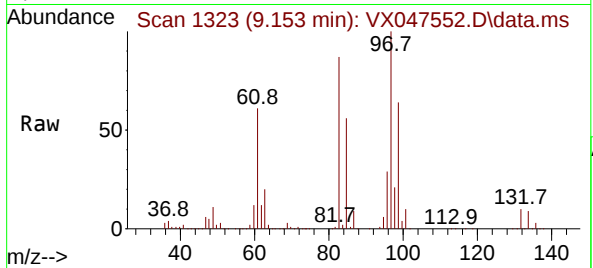




#55
1,1,2-Trichloroethane
Concen: 103.812 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

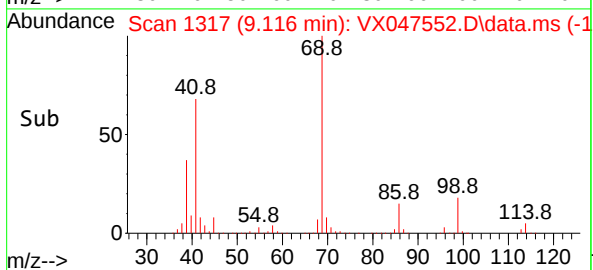
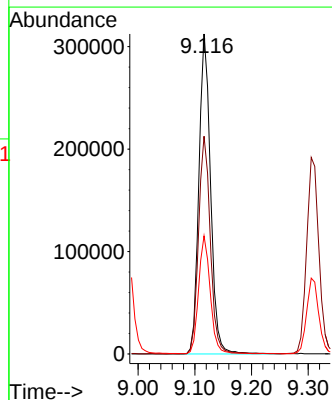
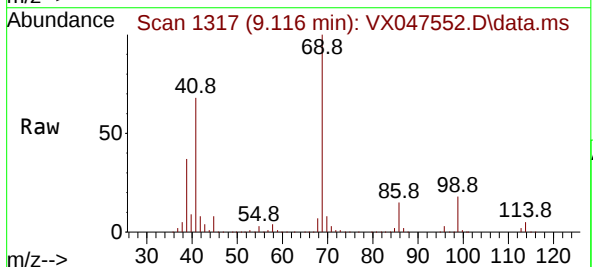
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

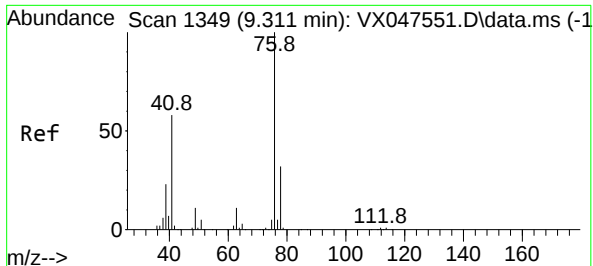
Tgt Ion:	97	Resp:	273495
Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.4	107.0
85	56.0	45.6	68.4
99	64.4	52.4	78.6



#56
Ethyl methacrylate
Concen: 114.456 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion:	69	Resp:	446375
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.0	82.4
39	36.6	29.8	44.6





#57

1,3-Dichloropropane

Concen: 103.418 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

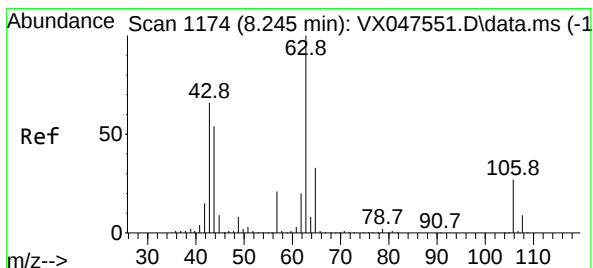
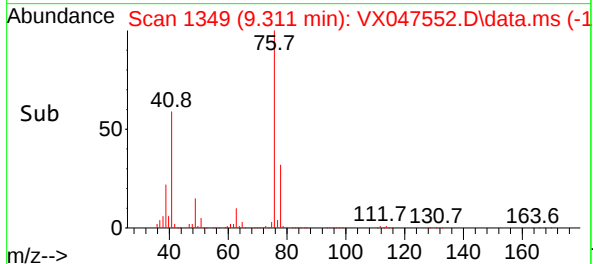
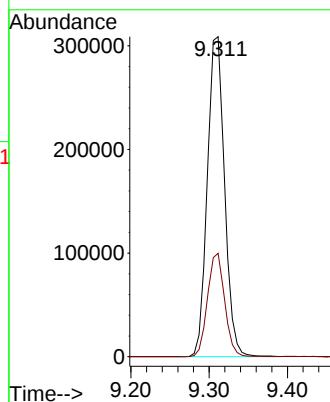
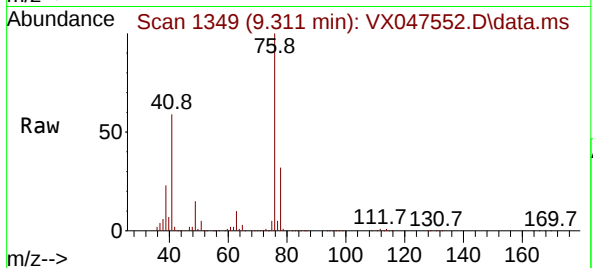
VSTDIC100

Tgt Ion: 76 Resp: 471714

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 494.457 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047552.D

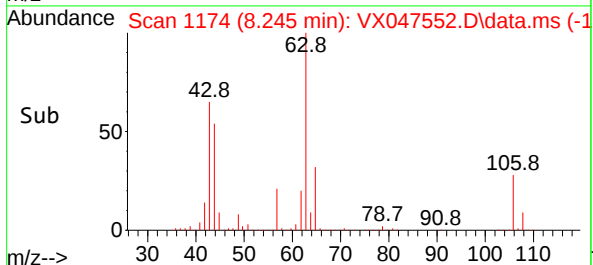
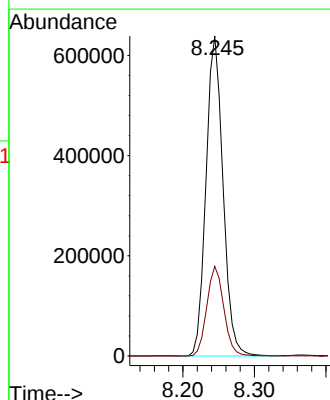
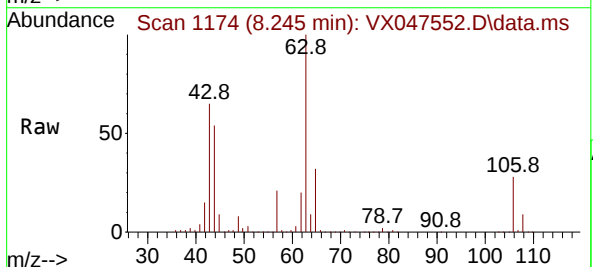
Acq: 28 Aug 2025 16:14

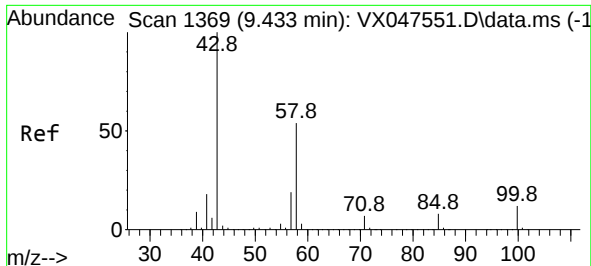
Tgt Ion: 63 Resp: 1053546

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.4

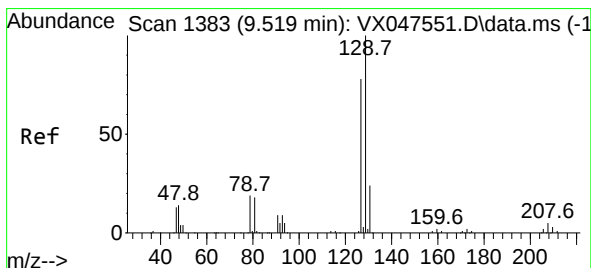
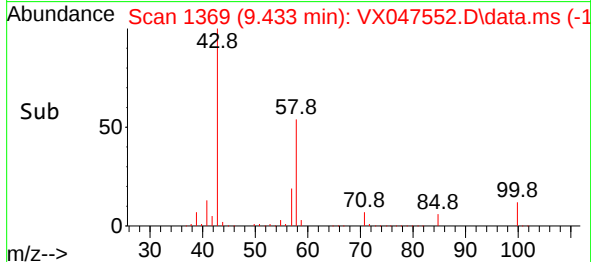
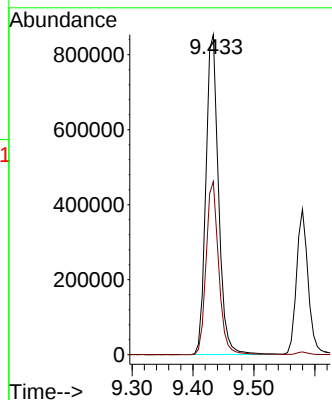
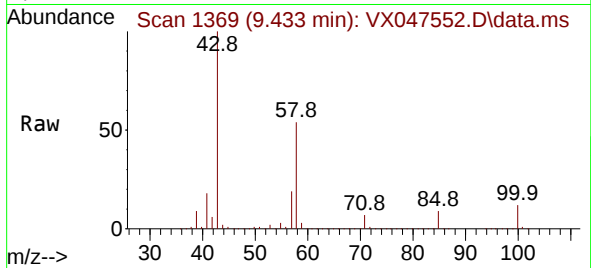




#59
2-Hexanone
Concen: 555.359 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

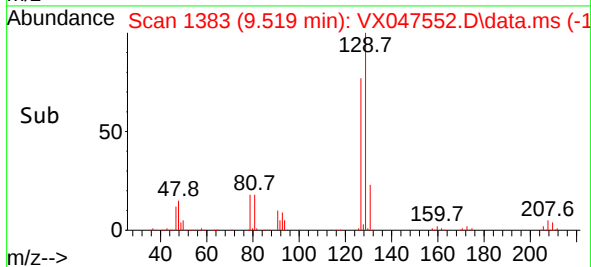
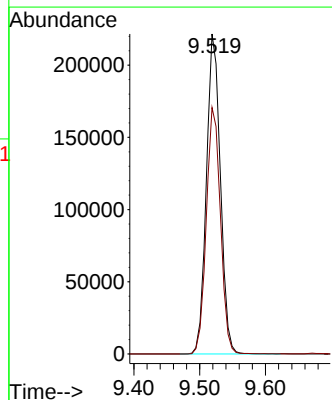
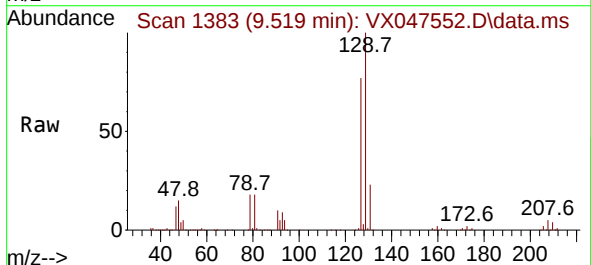
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

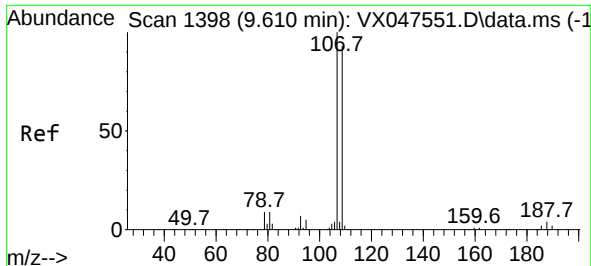
Tgt Ion: 43 Resp: 1232265
Ion Ratio Lower Upper
43 100
58 54.0 26.7 80.0



#60
Dibromochloromethane
Concen: 103.966 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion:129 Resp: 327207
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3

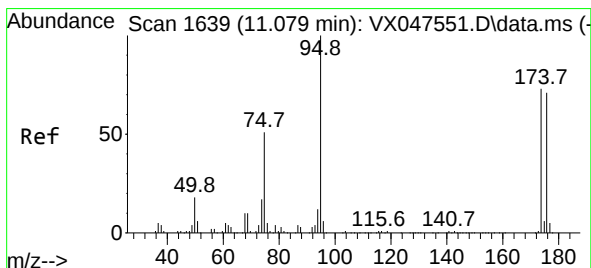
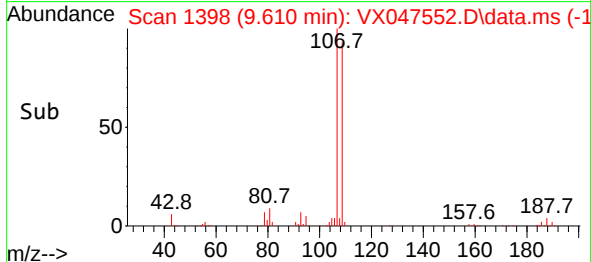
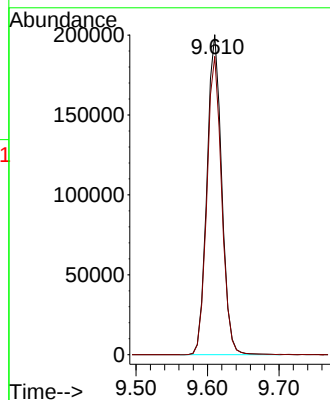
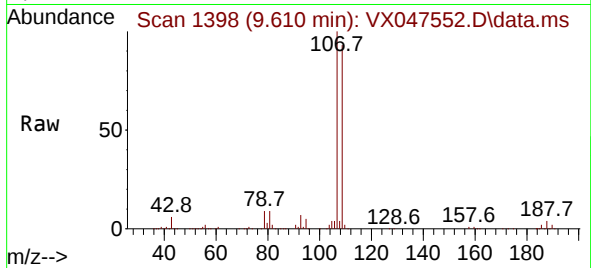




#61
1,2-Dibromoethane
Concen: 107.100 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

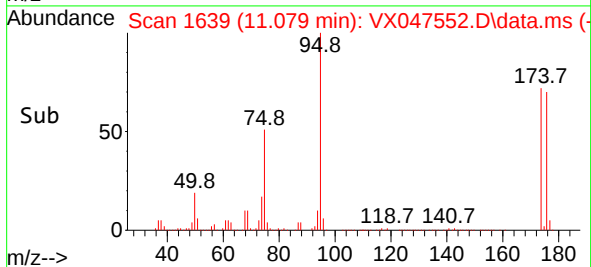
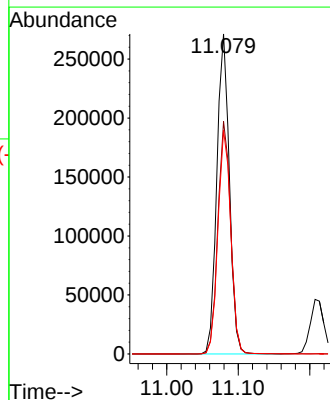
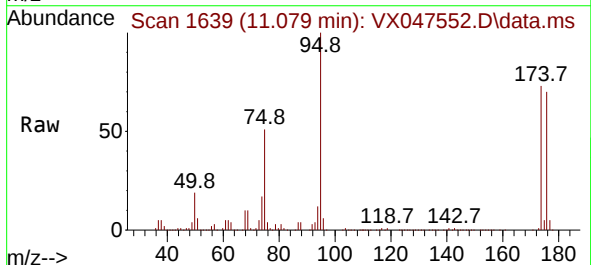
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

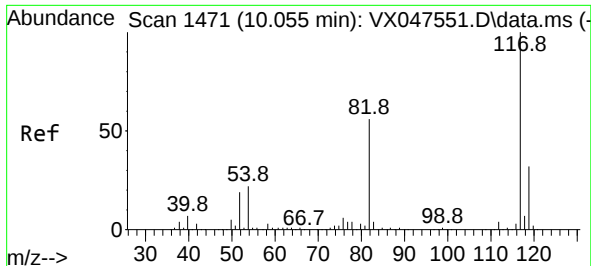
Tgt Ion:107 Resp: 287140
Ion Ratio Lower Upper
107 100
109 93.4 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 102.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion: 95 Resp: 328858
Ion Ratio Lower Upper
95 100
174 74.4 0.0 145.2
176 71.8 0.0 140.4

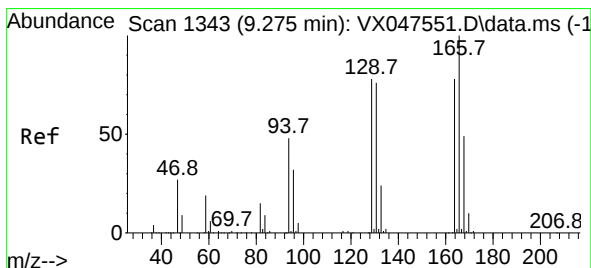
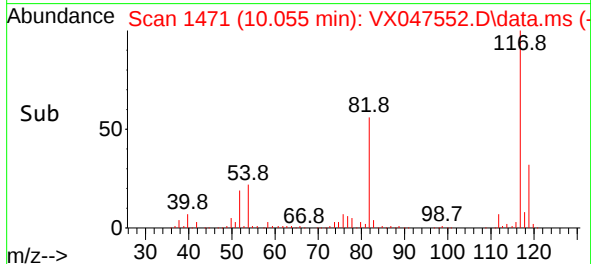
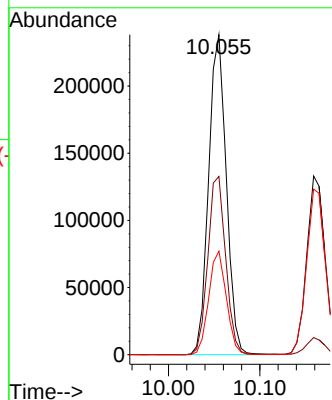
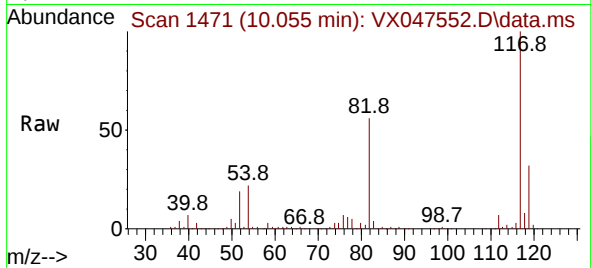




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

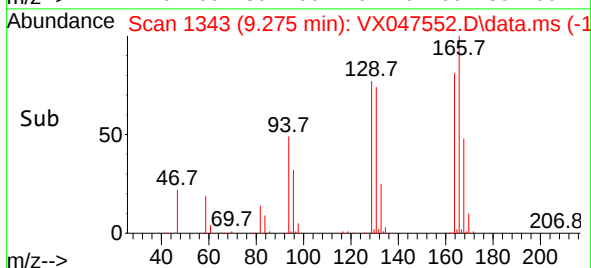
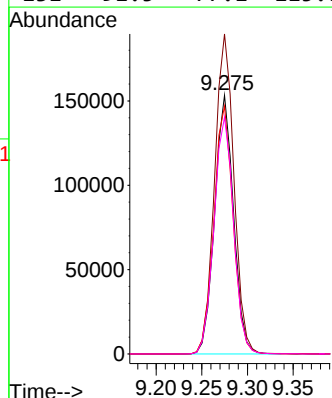
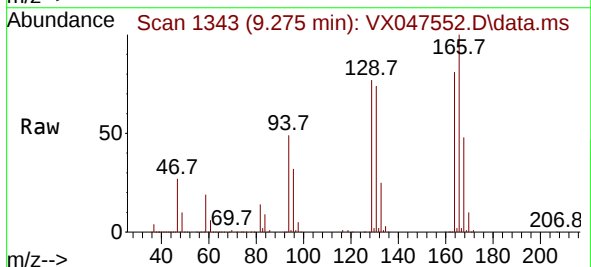
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

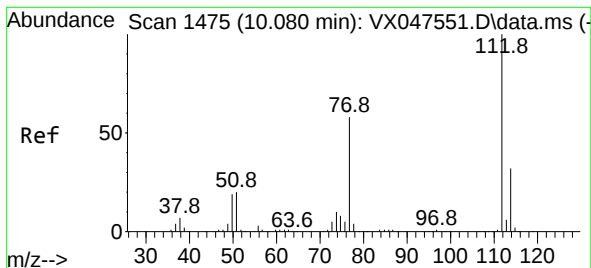
Tgt Ion:117 Resp: 319240
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 102.911 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion:164 Resp: 220100
Ion Ratio Lower Upper
164 100
166 123.7 102.1 153.1
129 95.8 79.3 118.9
131 91.5 77.1 115.7





#65

Chlorobenzene

Concen: 103.857 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

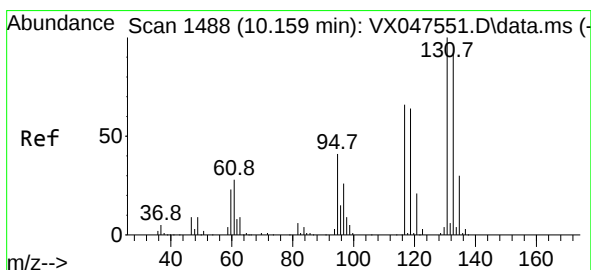
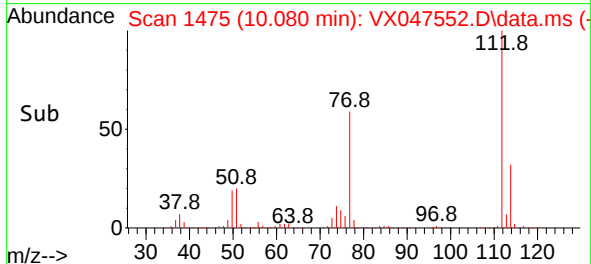
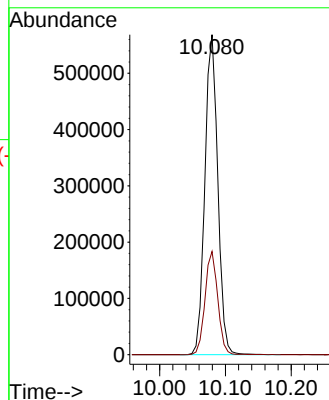
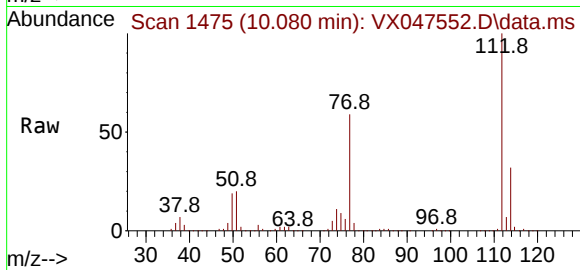
VSTDIC100

Tgt Ion:112 Resp: 776149

Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 109.198 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

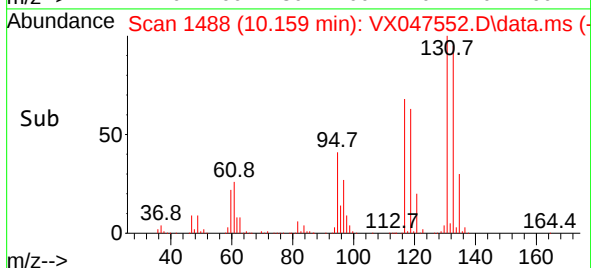
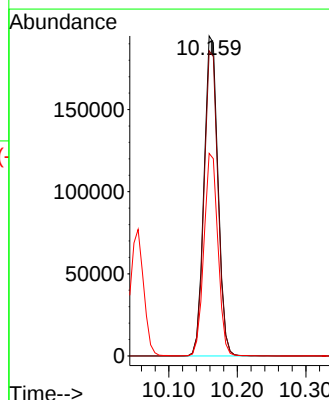
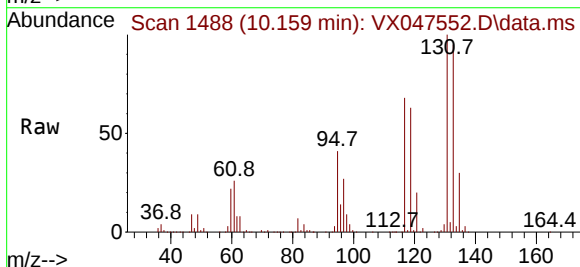
Tgt Ion:131 Resp: 276728

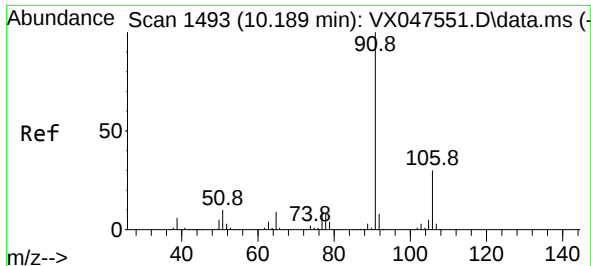
Ion Ratio Lower Upper

131 100

133 95.0 47.4 142.3

119 63.5 32.6 97.7





#67

Ethyl Benzene

Concen: 106.611 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

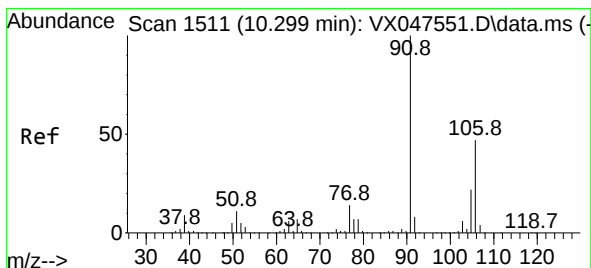
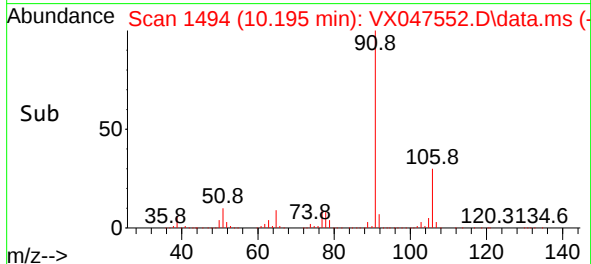
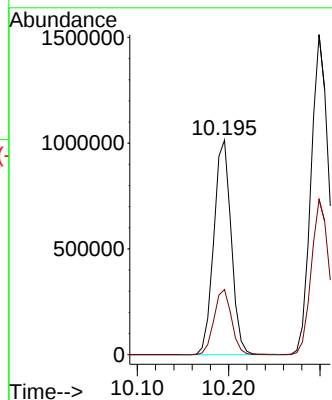
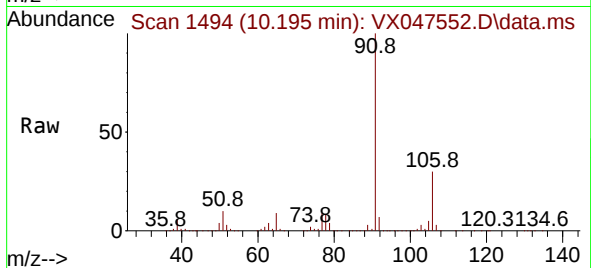
VSTDIC100

Tgt Ion: 91 Resp: 1338828

Ion Ratio Lower Upper

91 100

106 30.4 23.9 35.9



#68

m/p-Xylenes

Concen: 214.089 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047552.D

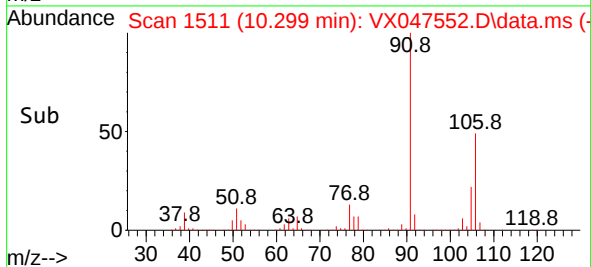
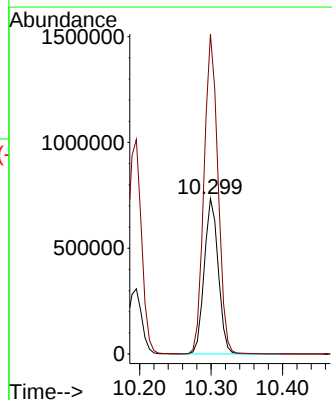
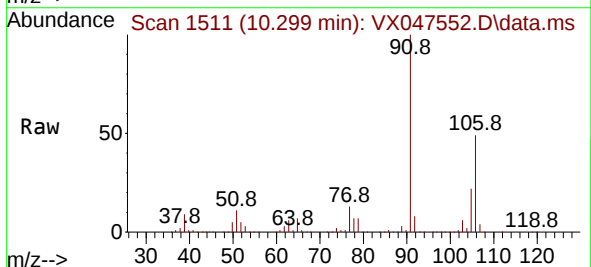
Acq: 28 Aug 2025 16:14

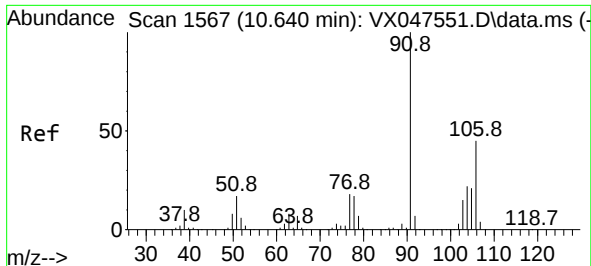
Tgt Ion:106 Resp: 998582

Ion Ratio Lower Upper

106 100

91 205.5 166.1 249.1

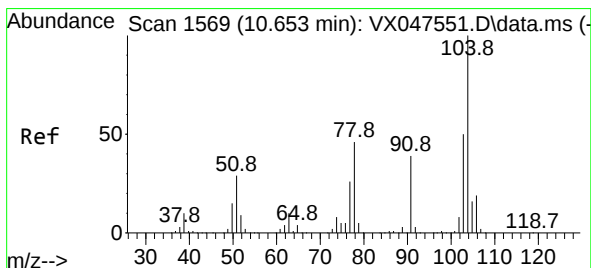
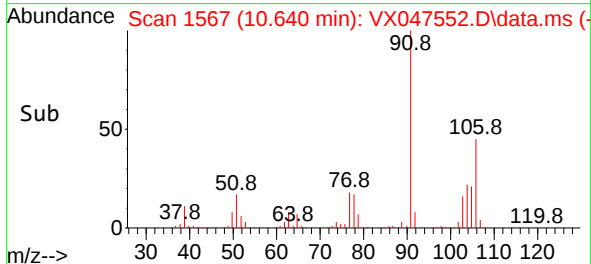
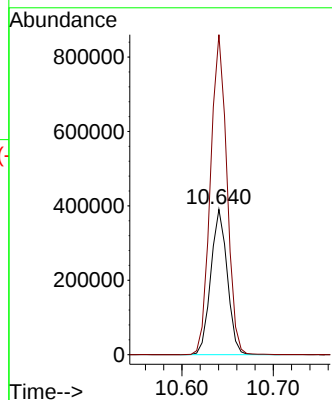
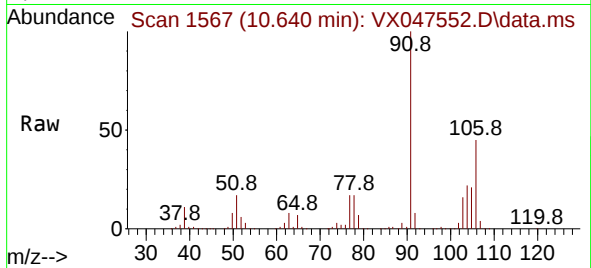




#69
o-Xylene
Concen: 108.395 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

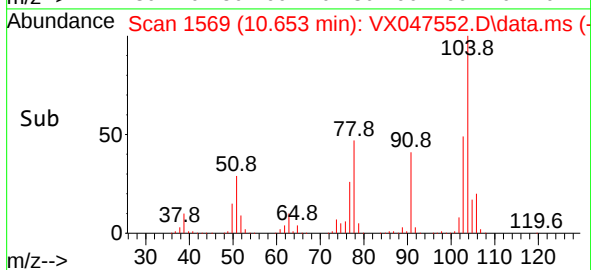
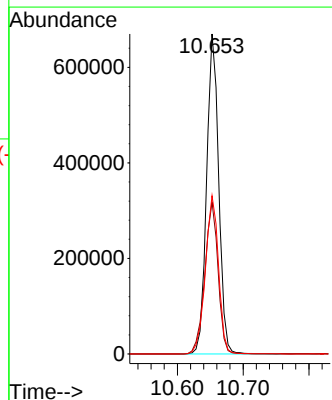
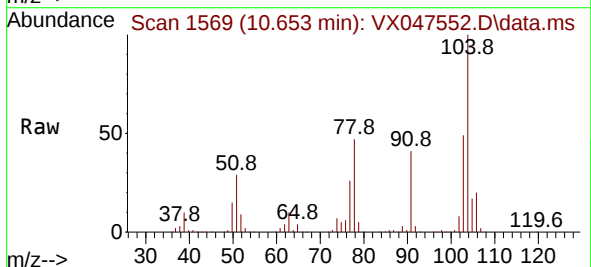
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

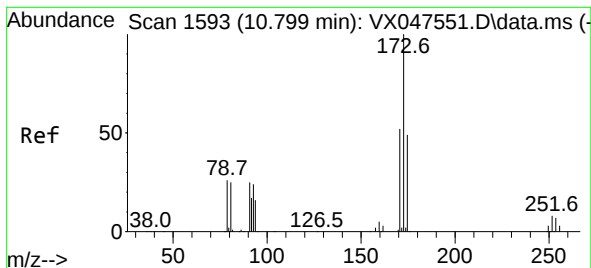
Tgt Ion:106 Resp: 487045
Ion Ratio Lower Upper
106 100
91 220.4 109.9 329.7



#70
Styrene
Concen: 109.835 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion:104 Resp: 856328
Ion Ratio Lower Upper
104 100
78 52.2 41.6 62.4
103 54.0 43.0 64.4





#71

Bromoform

Concen: 110.407 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

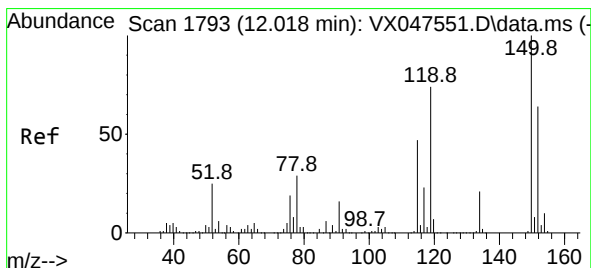
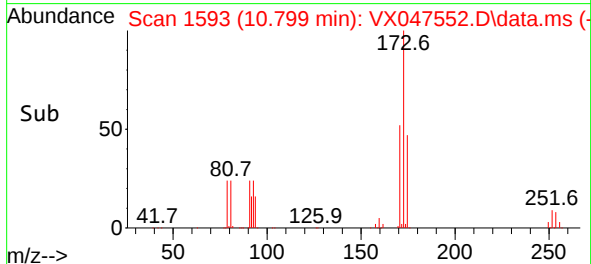
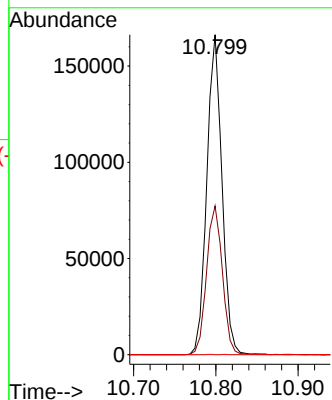
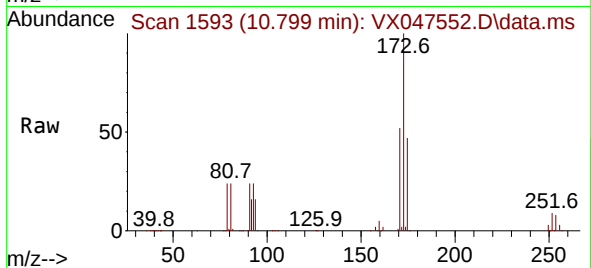
Tgt Ion:173 Resp: 213049

Ion Ratio Lower Upper

173 100

175 48.6 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

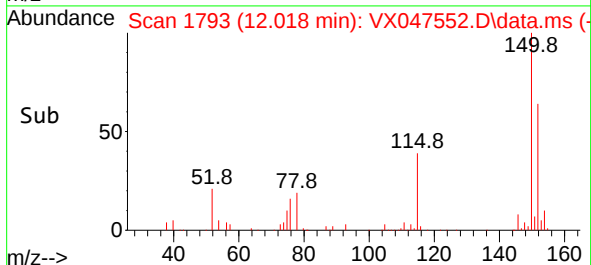
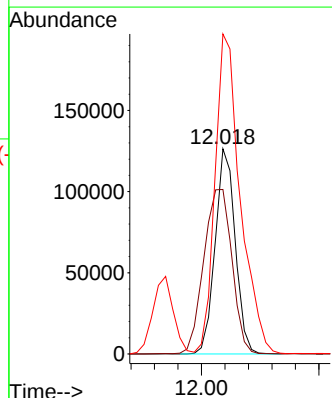
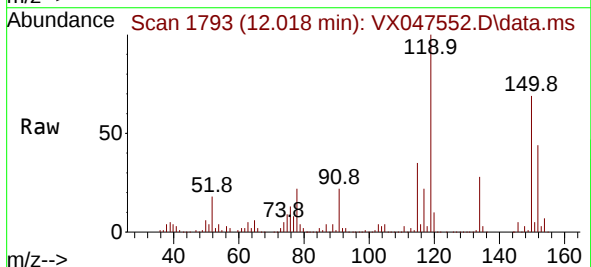
Tgt Ion:152 Resp: 150042

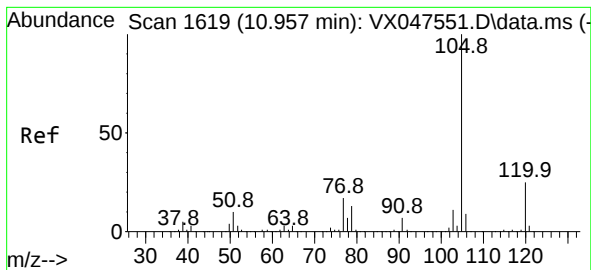
Ion Ratio Lower Upper

152 100

115 112.6 42.9 128.5

150 196.6 0.0 351.0





#73

Isopropylbenzene

Concen: 110.406 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

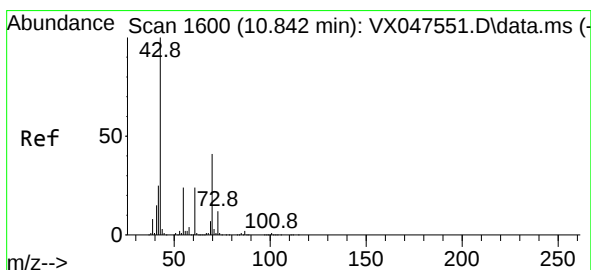
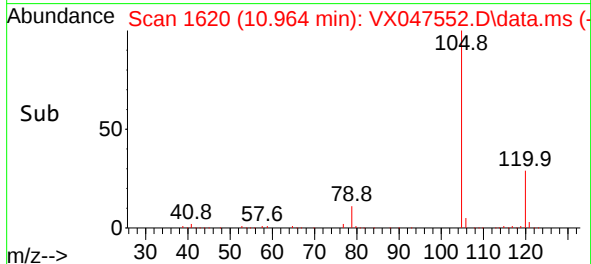
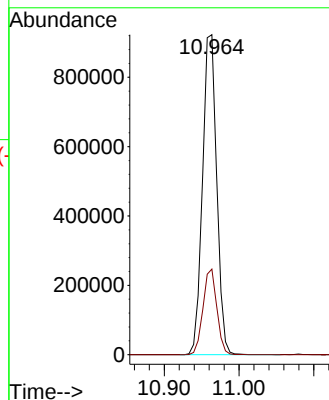
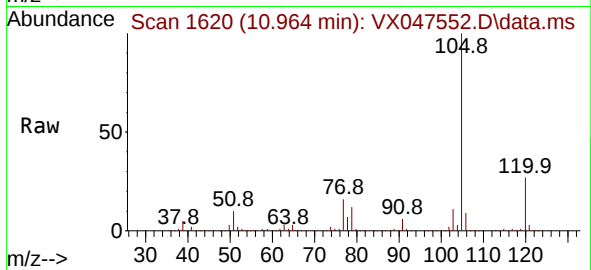
VSTDICC100

Tgt Ion:105 Resp: 1218962

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.4



#74

N-ethyl acetate

Concen: 120.725 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Tgt Ion: 43 Resp: 550426

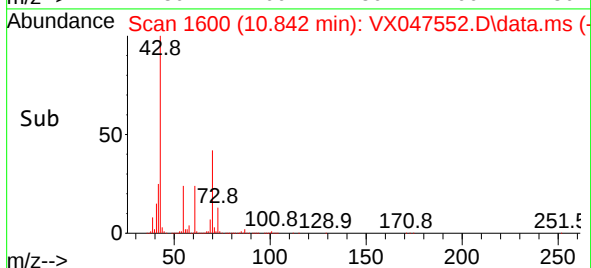
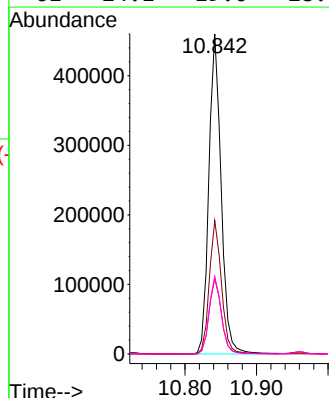
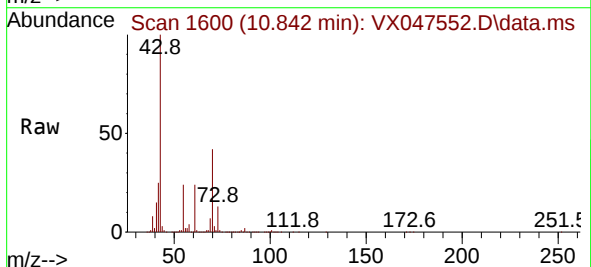
Ion Ratio Lower Upper

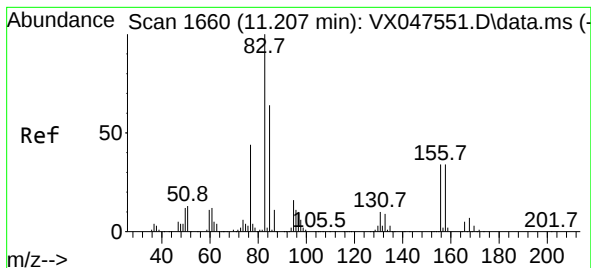
43 100

70 41.3 32.9 49.3

55 23.7 19.2 28.8

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 109.533 ug/l

RT: 11.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

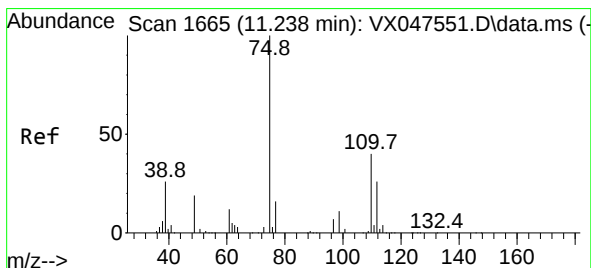
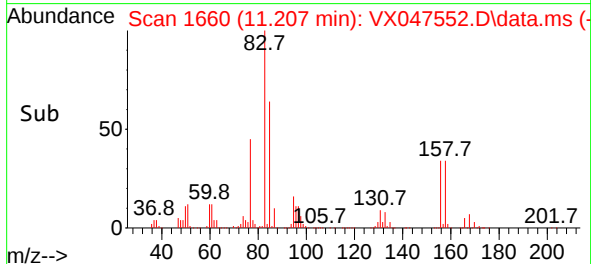
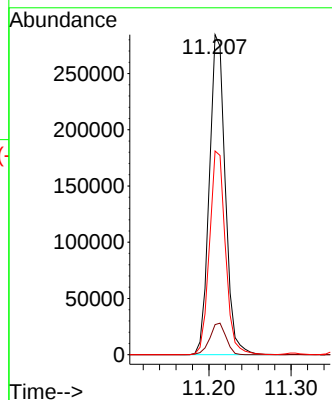
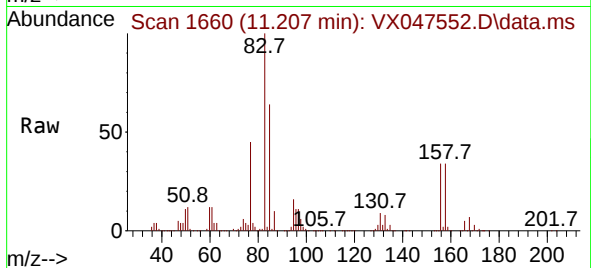
Tgt Ion: 83 Resp: 382279

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 63.8 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 138.345 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047552.D

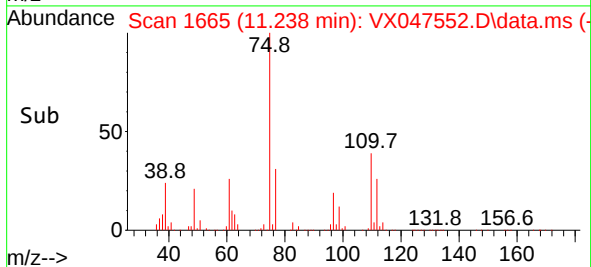
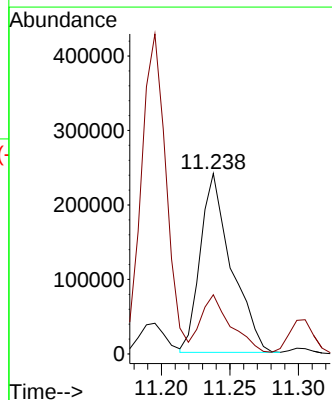
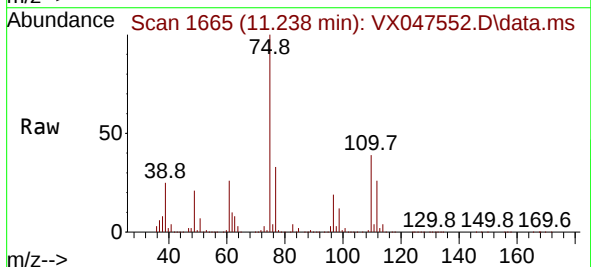
Acq: 28 Aug 2025 16:14

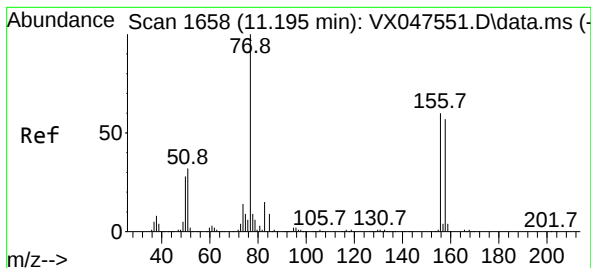
Tgt Ion: 75 Resp: 379382

Ion Ratio Lower Upper

75 100

77 32.5 19.7 59.1





#77

Bromobenzene

Concen: 109.184 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

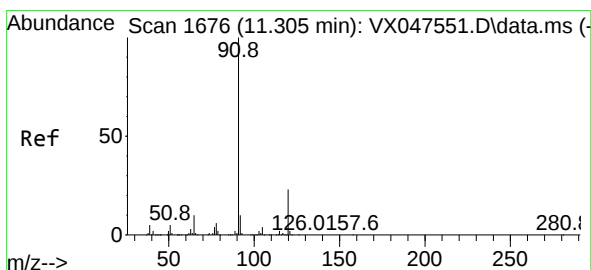
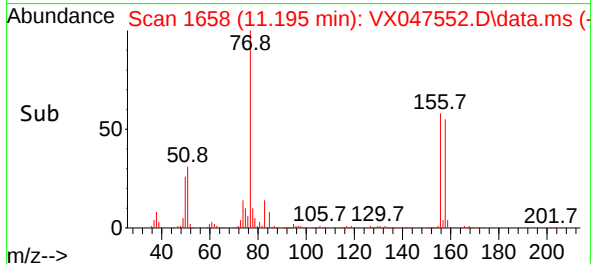
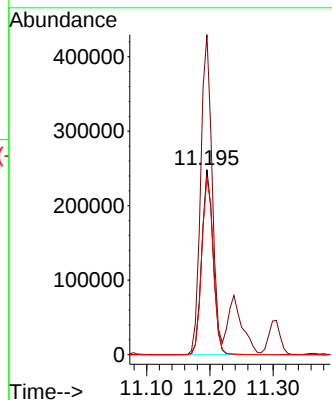
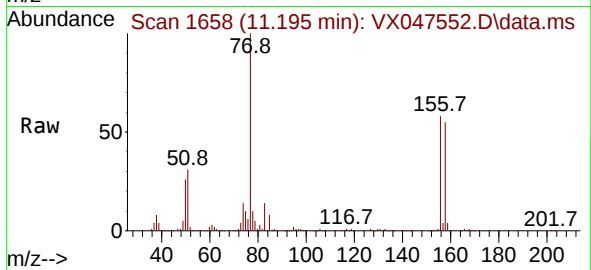
Tgt Ion:156 Resp: 308381

Ion Ratio Lower Upper

156 100

77 175.7 84.4 253.1

158 98.2 47.4 142.3



#78

n-propylbenzene

Concen: 110.128 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX047552.D

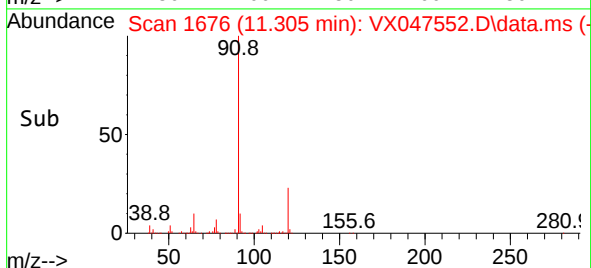
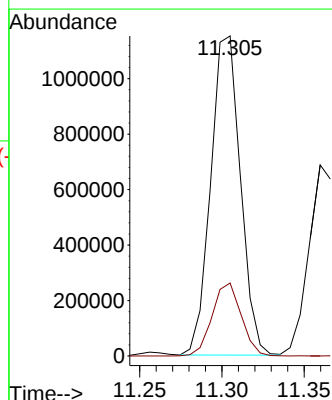
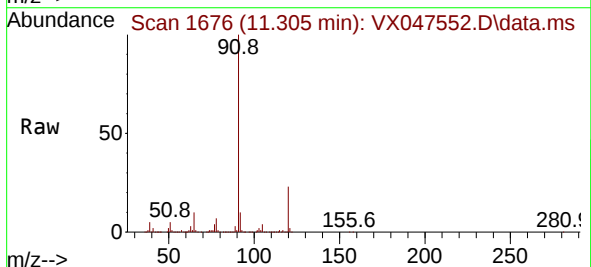
Acq: 28 Aug 2025 16:14

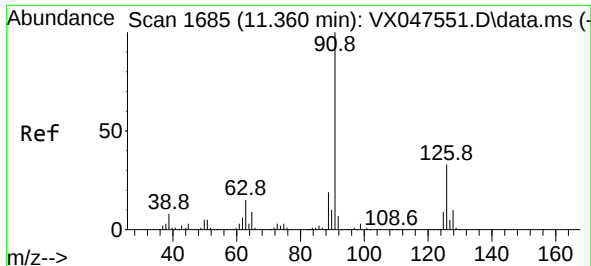
Tgt Ion: 91 Resp: 1447626

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.6





#79

2-Chlorotoluene

Concen: 108.037 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

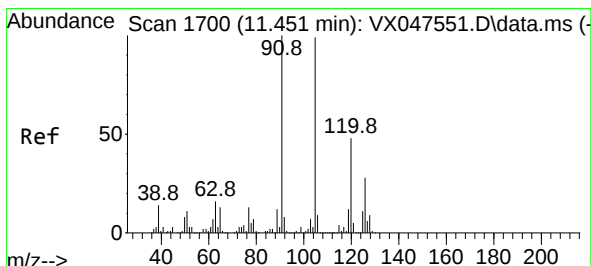
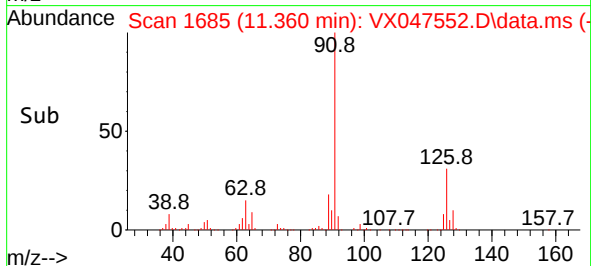
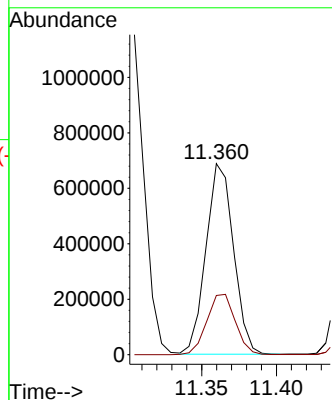
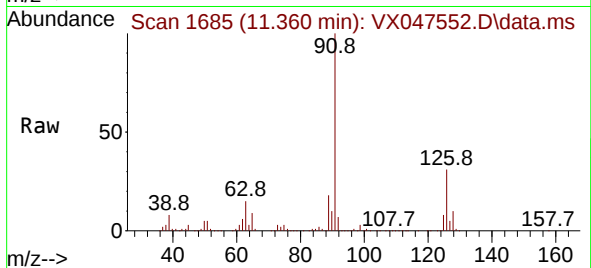
VSTDIC100

Tgt Ion: 91 Resp: 880716

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 111.485 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX047552.D

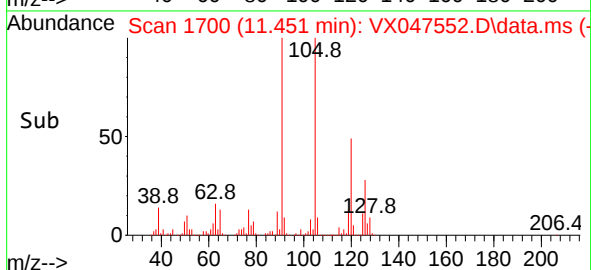
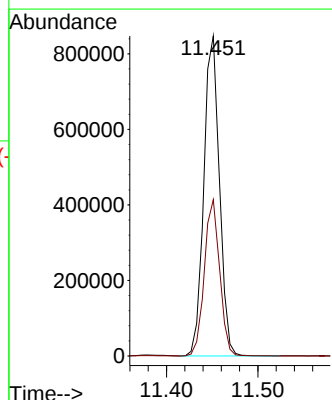
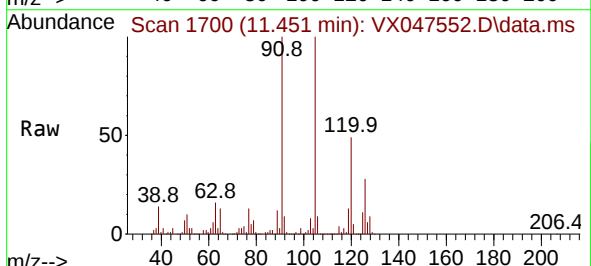
Acq: 28 Aug 2025 16:14

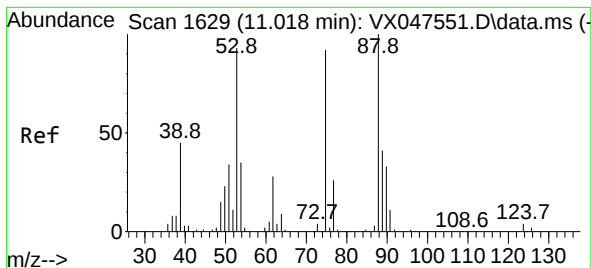
Tgt Ion:105 Resp: 1006412

Ion Ratio Lower Upper

105 100

120 48.0 23.8 71.5

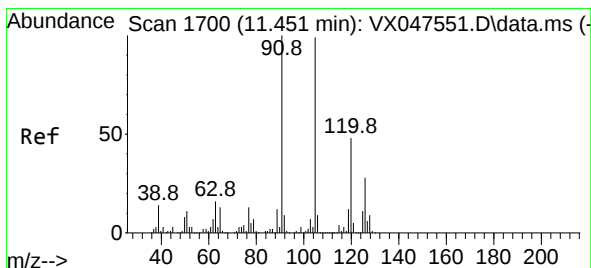
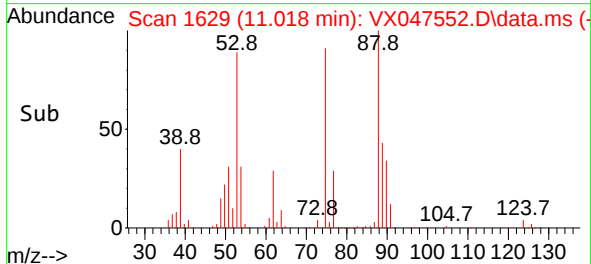
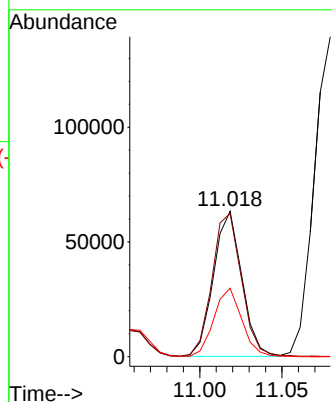
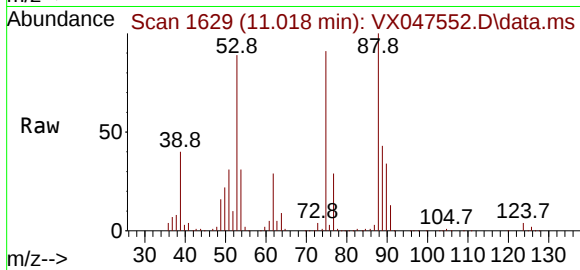




#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.715 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VX047552.D
 Acq: 28 Aug 2025 16:14

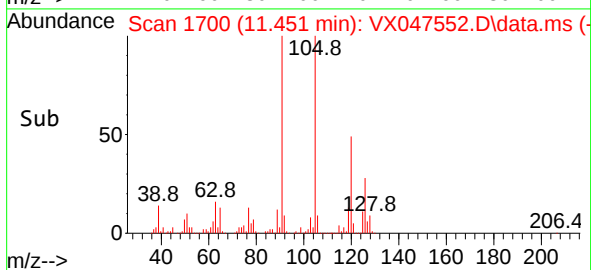
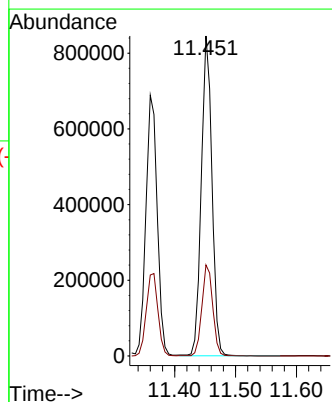
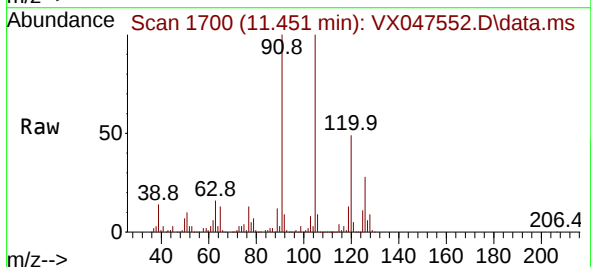
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

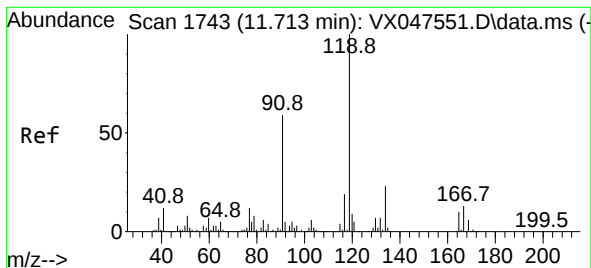
Tgt Ion: 75 Resp: 76124
 Ion Ratio Lower Upper
 75 100
 53 101.7 85.7 128.5
 89 46.5 36.4 54.6



#82
 4-Chlorotoluene
 Concen: 107.348 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX047552.D
 Acq: 28 Aug 2025 16:14

Tgt Ion: 91 Resp: 1026804
 Ion Ratio Lower Upper
 91 100
 126 28.9 14.6 43.8





#83

tert-Butylbenzene

Concen: 111.097 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

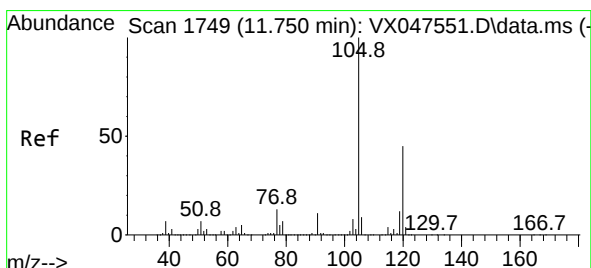
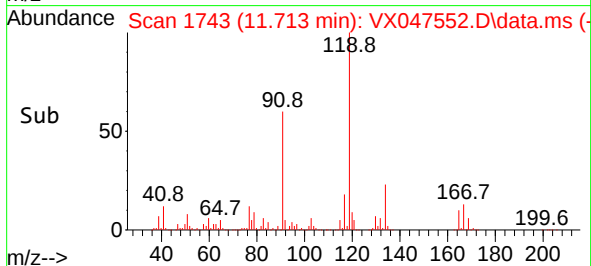
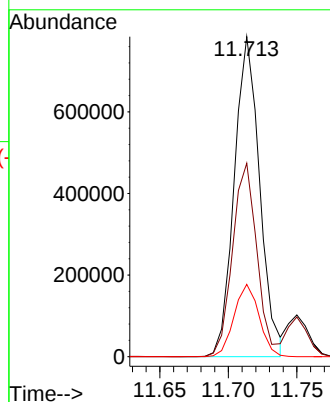
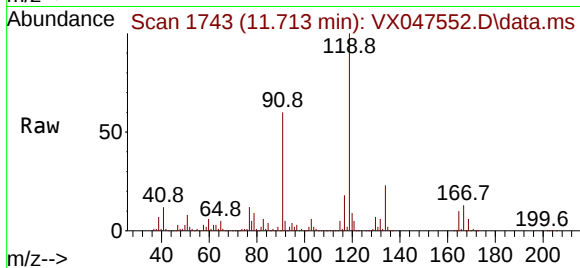
Tgt Ion:119 Resp: 1010994

Ion Ratio Lower Upper

119 100

91 58.6 28.5 85.5

134 22.3 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 111.344 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047552.D

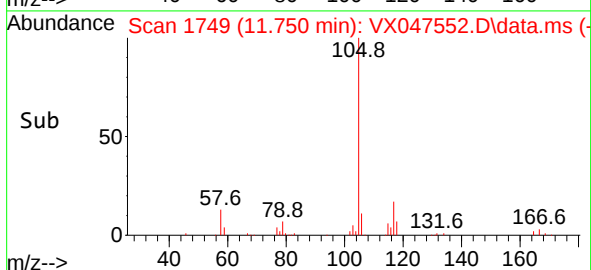
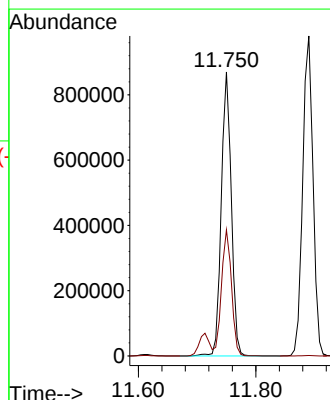
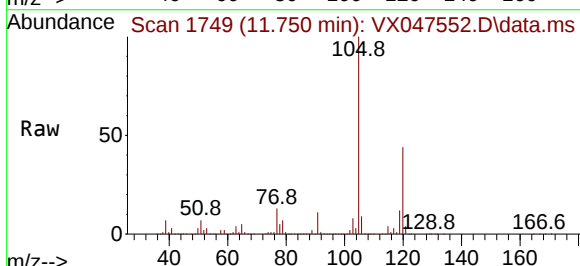
Acq: 28 Aug 2025 16:14

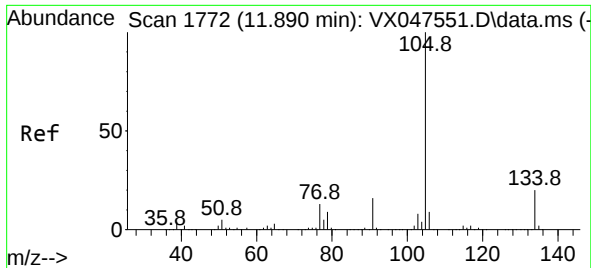
Tgt Ion:105 Resp: 1024567

Ion Ratio Lower Upper

105 100

120 44.4 22.3 66.8

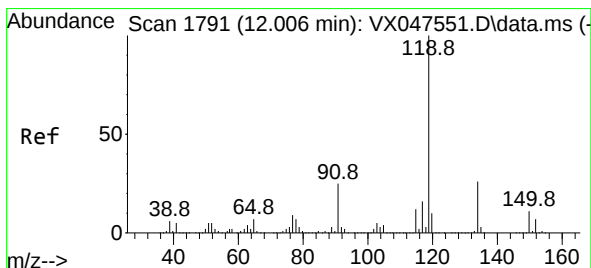
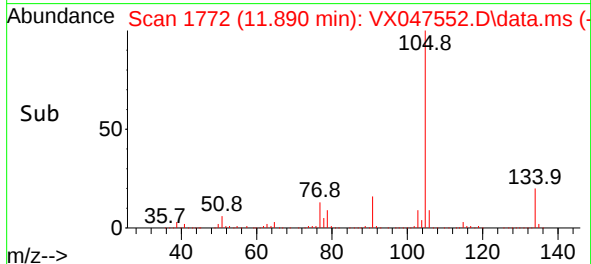
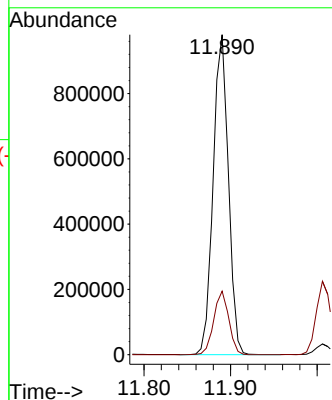
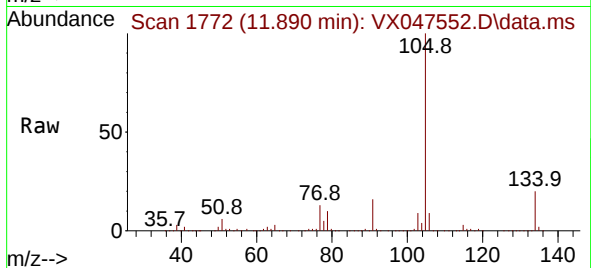




#85
 sec-Butylbenzene
 Concen: 109.395 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047552.D
 Acq: 28 Aug 2025 16:14

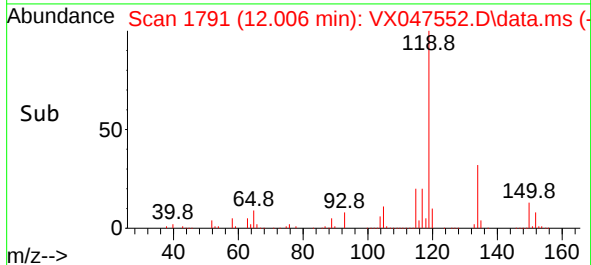
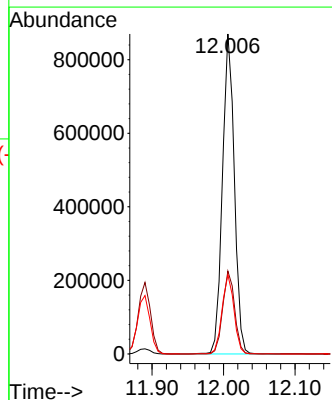
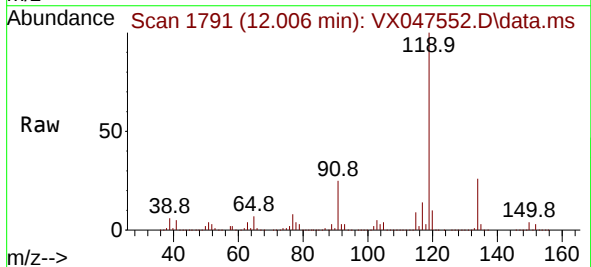
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

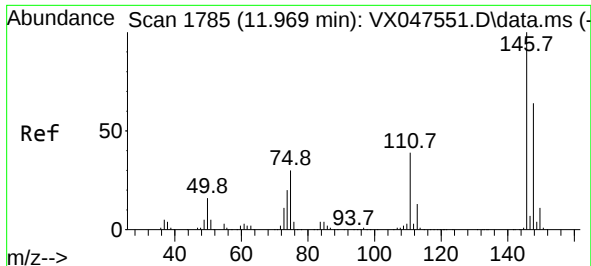
Tgt Ion:105 Resp: 1197848
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 109.604 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047552.D
 Acq: 28 Aug 2025 16:14

Tgt Ion:119 Resp: 1006017
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 106.747 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

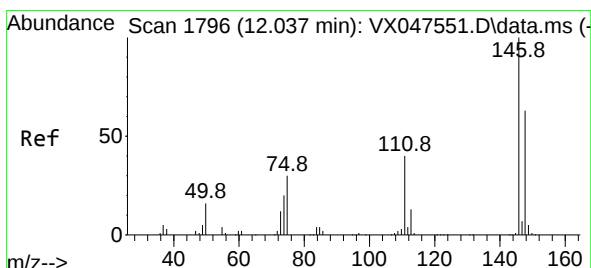
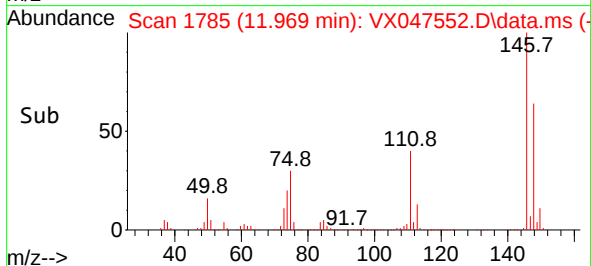
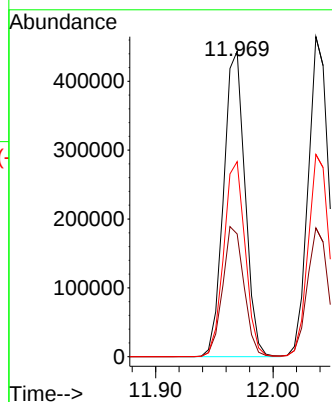
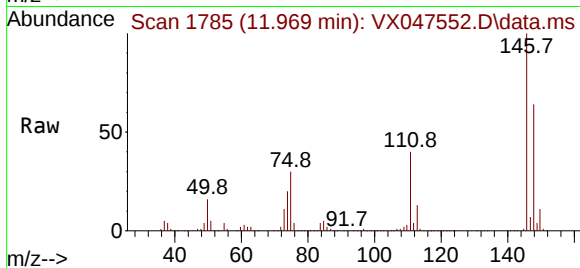
Tgt Ion:146 Resp: 562107

Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.9

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 104.901 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

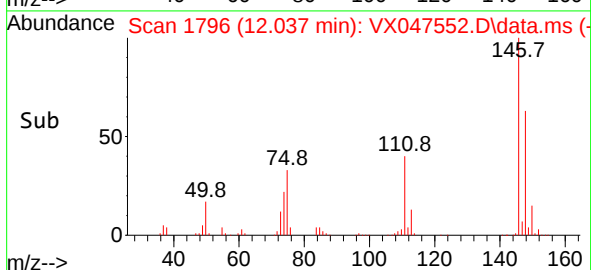
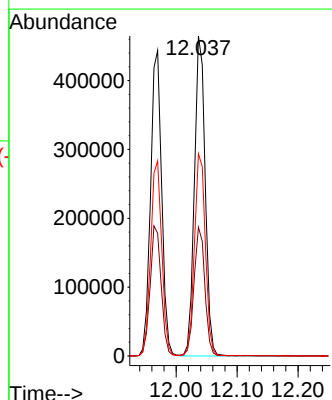
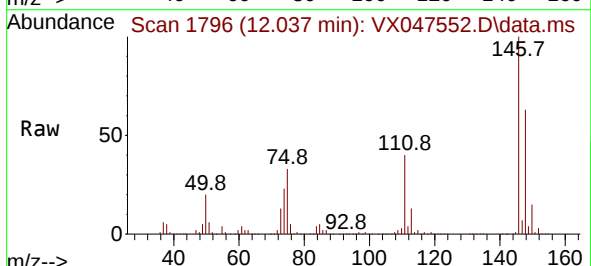
Tgt Ion:146 Resp: 570339

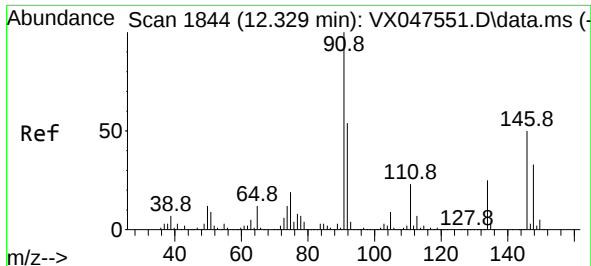
Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 109.737 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

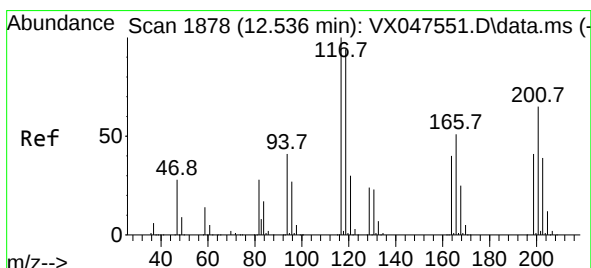
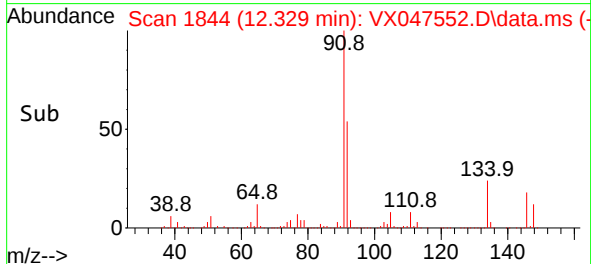
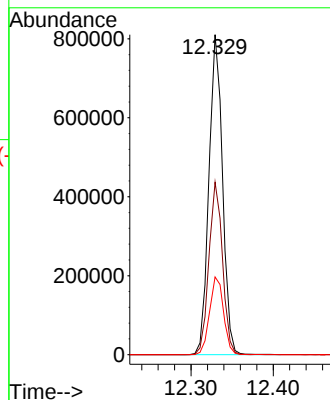
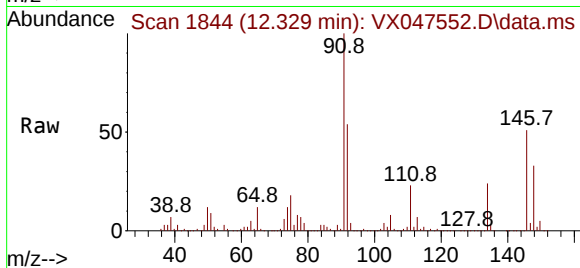
Tgt Ion: 91 Resp: 929635

Ion Ratio Lower Upper

91 100

92 53.9 27.0 81.0

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 113.028 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX047552.D

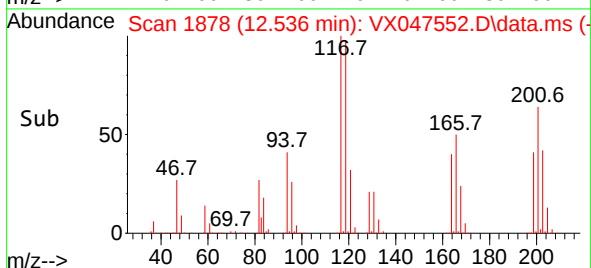
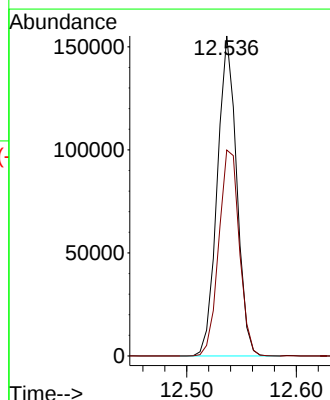
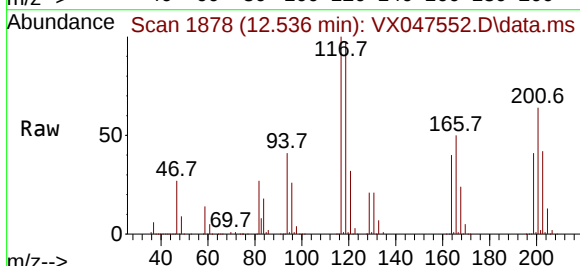
Acq: 28 Aug 2025 16:14

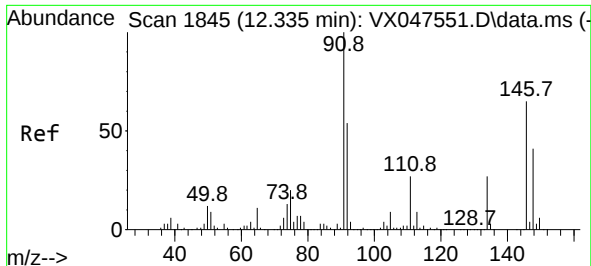
Tgt Ion: 117 Resp: 190702

Ion Ratio Lower Upper

117 100

201 68.3 33.7 101.1

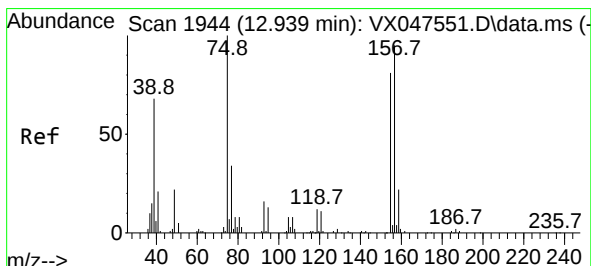
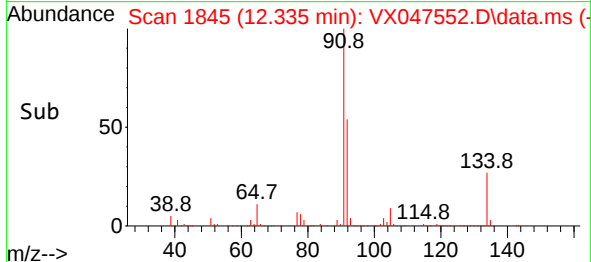
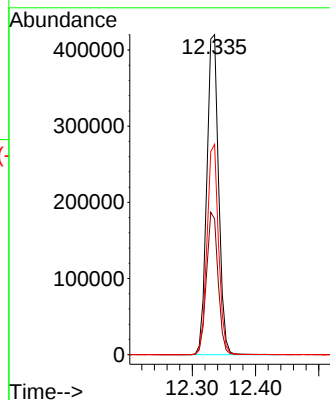
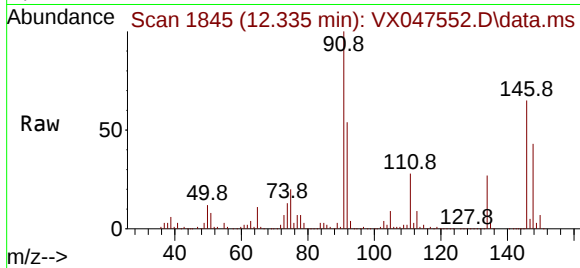




#91
 1,2-Dichlorobenzene
 Concen: 105.795 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX047552.D
 Acq: 28 Aug 2025 16:14

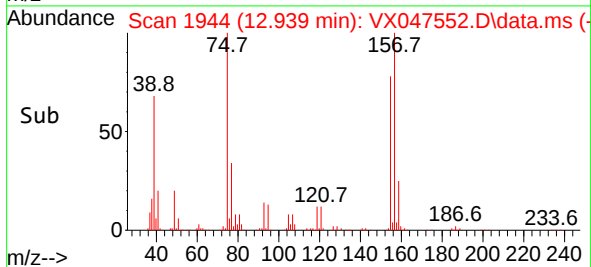
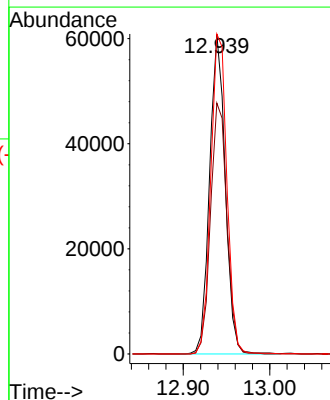
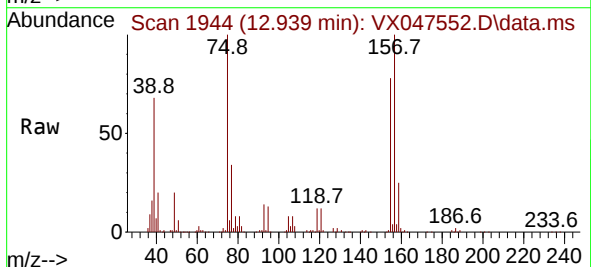
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

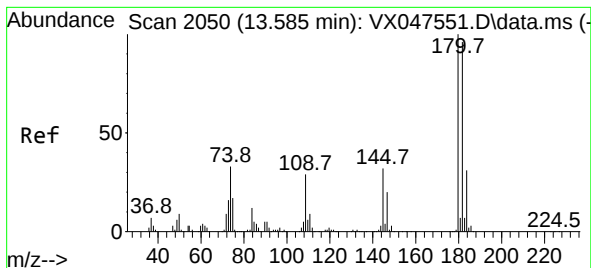
Tgt Ion:146 Resp: 545902
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.7 65.1
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 118.572 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX047552.D
 Acq: 28 Aug 2025 16:14

Tgt Ion: 75 Resp: 76333
 Ion Ratio Lower Upper
 75 100
 155 81.9 41.9 125.6
 157 102.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 114.075 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

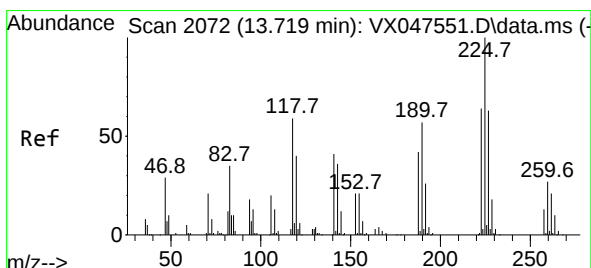
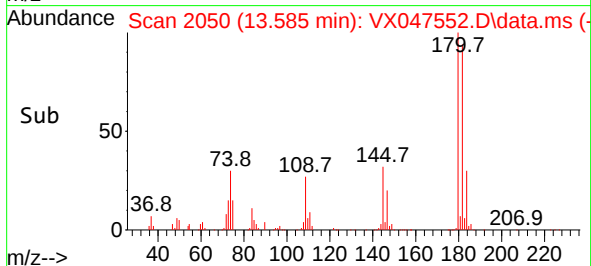
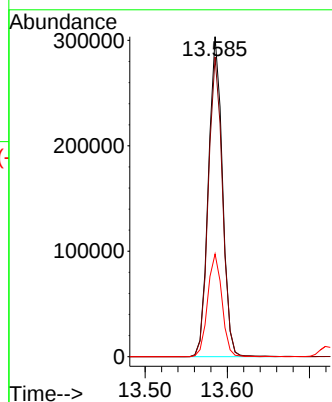
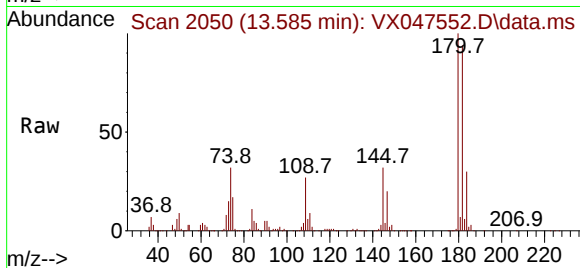
Tgt Ion:180 Resp: 358807

Ion Ratio Lower Upper

180 100

182 94.7 47.7 143.1

145 32.6 16.3 48.8



#94

Hexachlorobutadiene

Concen: 100.647 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX047552.D

Acq: 28 Aug 2025 16:14

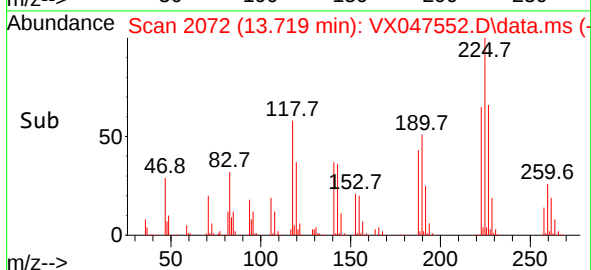
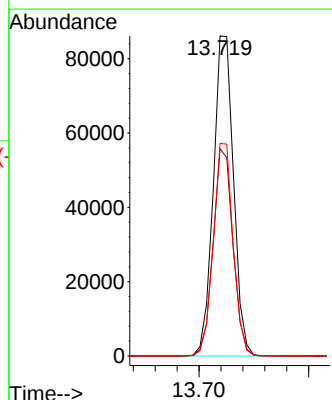
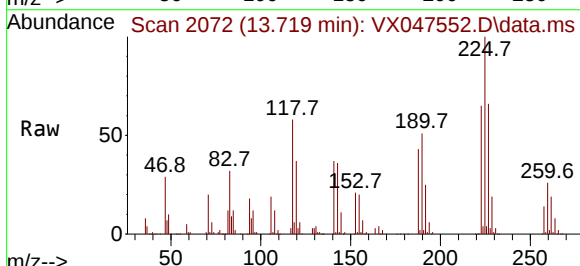
Tgt Ion:225 Resp: 110032

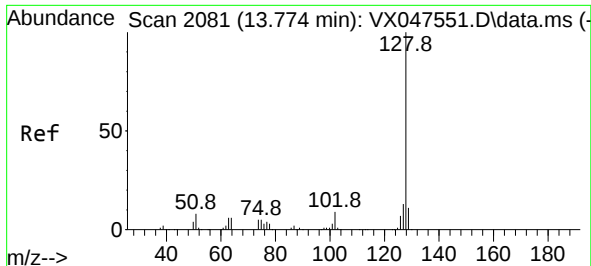
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.5

227 65.0 31.8 95.3

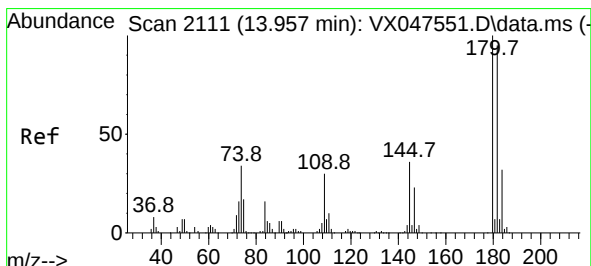
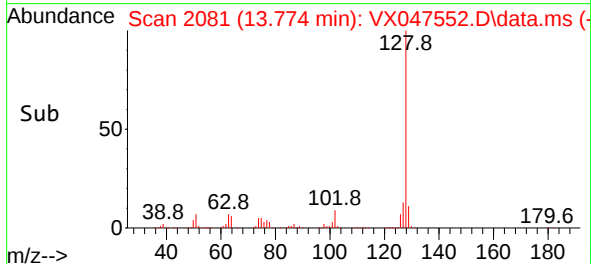
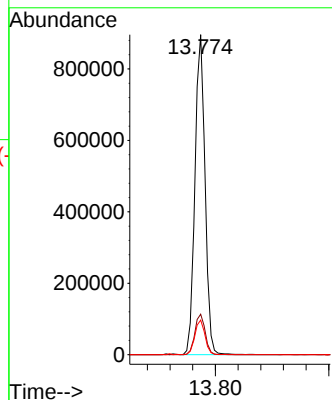
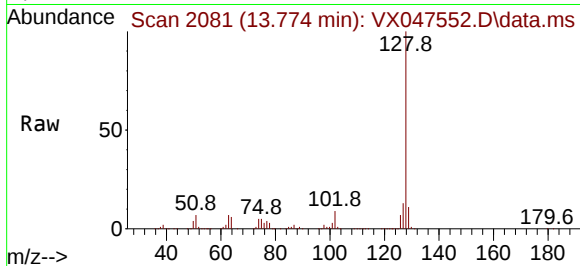




#95
Naphthalene
Concen: 120.578 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1108636
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 113.920 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047552.D
Acq: 28 Aug 2025 16:14

Tgt Ion:180 Resp: 336577
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.4
145 34.3 17.6 52.9

