

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047455.D
 Acq On : 21 Aug 2025 09:35
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 22 03:38:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	229258	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	398048	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	349454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	170891	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	161541	50.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.700%	
35) Dibromofluoromethane	5.391	113	126257	48.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.740%	
50) Toluene-d8	8.647	98	440017	47.654	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.300%	
62) 4-Bromofluorobenzene	11.079	95	167385	49.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.240%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	137054	46.896	ug/l	98
3) Chloromethane	1.313	50	118337	45.011	ug/l	100
4) Vinyl Chloride	1.392	62	155972	47.266	ug/l	97
5) Bromomethane	1.624	94	67970	50.995	ug/l	100
6) Chloroethane	1.703	64	92773	45.950	ug/l	97
7) Trichlorofluoromethane	1.904	101	228011	46.714	ug/l	97
8) Diethyl Ether	2.142	74	89364	51.996	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	137327	48.502	ug/l	99
10) Methyl Iodide	2.471	142	198280	40.864	ug/l	99
11) Tert butyl alcohol	2.959	59	74546	267.071	ug/l	100
12) 1,1-Dichloroethene	2.337	96	138483	47.975	ug/l	97
13) Acrolein	2.245	56	152087	258.116	ug/l	100
14) Allyl chloride	2.678	41	253477	50.558	ug/l	98
15) Acrylonitrile	3.081	53	341743	253.372	ug/l	99
16) Acetone	2.386	43	340465	282.303	ug/l	100
17) Carbon Disulfide	2.526	76	377752	43.368	ug/l	99
18) Methyl Acetate	2.709	43	175090	56.023	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	460788	52.473	ug/l	97
20) Methylene Chloride	2.800	84	158663	49.682	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	143651	46.888	ug/l	100
22) Diisopropyl ether	3.764	45	530561	53.537	ug/l	90
23) Vinyl Acetate	3.727	43	2128926	262.092	ug/l	99
24) 1,1-Dichloroethane	3.617	63	281992	50.342	ug/l	98
25) 2-Butanone	4.556	43	432900	274.073	ug/l	100
26) 2,2-Dichloropropane	4.483	77	211457	50.016	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	176936	49.585	ug/l	99
28) Bromochloromethane	4.904	49	132726	56.941	ug/l	99
29) Tetrahydrofuran	5.013	42	247179	242.119	ug/l	98
30) Chloroform	5.099	83	284762	49.812	ug/l	98
31) Cyclohexane	5.477	56	237389	45.973	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	238782	48.527	ug/l	100
36) 1,1-Dichloropropene	5.696	75	187916	46.080	ug/l	99
37) Ethyl Acetate	4.715	43	185529	43.823	ug/l	98
38) Carbon Tetrachloride	5.684	117	201253	45.160	ug/l	98
39) Methylcyclohexane	7.379	83	231636	45.537	ug/l	95
40) Benzene	6.044	78	589135	48.265	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 03:38:28 2025
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	85816	48.068	ug/l	96
42) 1,2-Dichloroethane	6.092	62	215079	49.745	ug/l	100
43) Isopropyl Acetate	6.336	43	301985	49.652	ug/l	99
44) Trichloroethene	7.129	130	144331	46.179	ug/l	98
45) 1,2-Dichloropropane	7.427	63	151021	49.387	ug/l	99
46) Dibromomethane	7.580	93	109389	49.273	ug/l	97
47) Bromodichloromethane	7.818	83	229317	49.826	ug/l	99
48) Methyl methacrylate	7.690	41	157170	49.786	ug/l	99
49) 1,4-Dioxane	7.677	88	35931	1170.790	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	859427	245.555	ug/l	98
52) Toluene	8.714	92	367491	48.722	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	212547	52.915	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	234037	51.476	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	141600	49.445	ug/l	98
56) Ethyl methacrylate	9.116	69	214659	50.841	ug/l	98
57) 1,3-Dichloropropane	9.305	76	245575	50.324	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	496030	246.162	ug/l	99
59) 2-Hexanone	9.427	43	588782	243.199	ug/l	100
60) Dibromochloromethane	9.519	129	169913	49.925	ug/l	99
61) 1,2-Dibromoethane	9.610	107	144626	48.974	ug/l	100
64) Tetrachloroethene	9.269	164	118711	46.965	ug/l	98
65) Chlorobenzene	10.079	112	404956	48.764	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	141556	50.425	ug/l	99
67) Ethyl Benzene	10.189	91	701634	49.089	ug/l	99
68) m/p-Xylenes	10.299	106	523170	98.164	ug/l	99
69) o-Xylene	10.640	106	255854	49.886	ug/l	98
70) Styrene	10.653	104	441303	50.924	ug/l	100
71) Bromoform	10.793	173	105815	50.174	ug/l #	99
73) Isopropylbenzene	10.957	105	662630	49.550	ug/l	100
74) N-amyl acetate	10.842	43	257431	50.693	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	197287	50.246	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	185460	59.171	ug/l	91
77) Bromobenzene	11.195	156	162842	49.867	ug/l	99
78) n-propylbenzene	11.299	91	785818	49.201	ug/l	99
79) 2-Chlorotoluene	11.360	91	469970	48.677	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	543536	49.398	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32124	45.408	ug/l	98
82) 4-Chlorotoluene	11.451	91	547058	48.067	ug/l	100
83) tert-Butylbenzene	11.713	119	546135	49.750	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	550436	50.024	ug/l	99
85) sec-Butylbenzene	11.890	105	669670	49.218	ug/l	100
86) p-Isopropyltoluene	12.006	119	568699	49.393	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	298542	47.855	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	304807	47.505	ug/l	99
89) n-Butylbenzene	12.329	91	533265	49.796	ug/l	99
90) Hexachloroethane	12.536	117	99175	49.100	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	288109	48.655	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37071	48.821	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	194113	48.899	ug/l	99
94) Hexachlorobutadiene	13.719	225	69786	49.389	ug/l	99
95) Naphthalene	13.774	128	585297	51.594	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	186476	49.836	ug/l	97

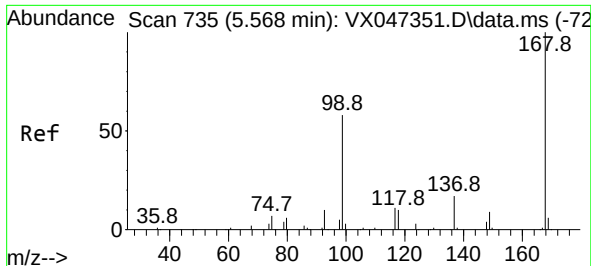
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
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Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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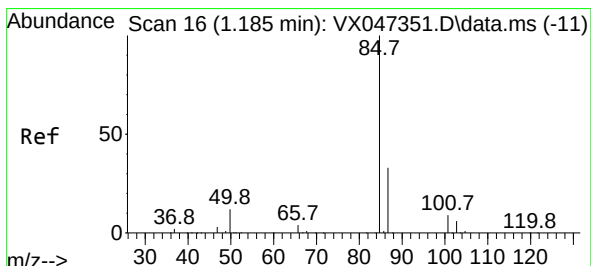
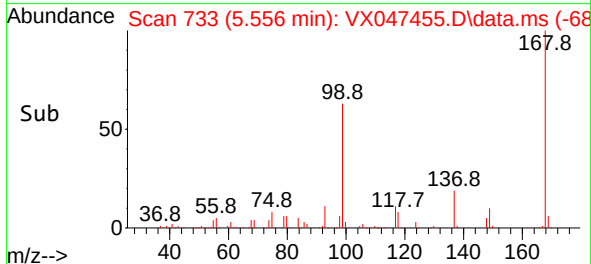
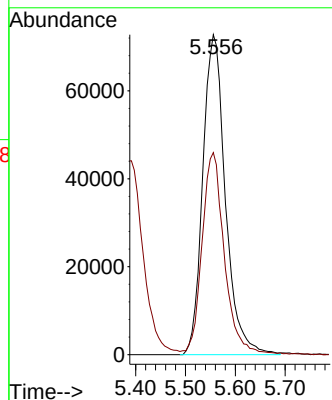
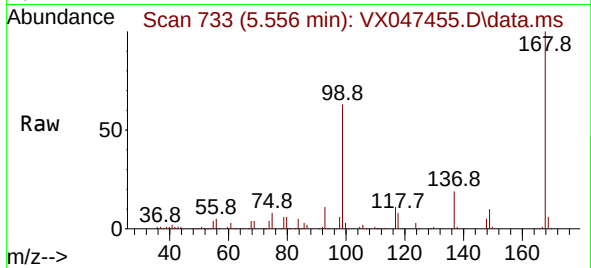
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

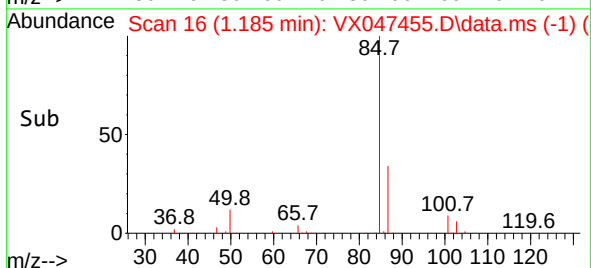
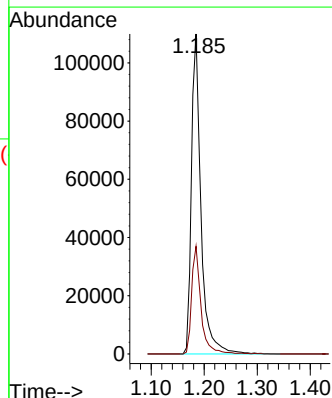
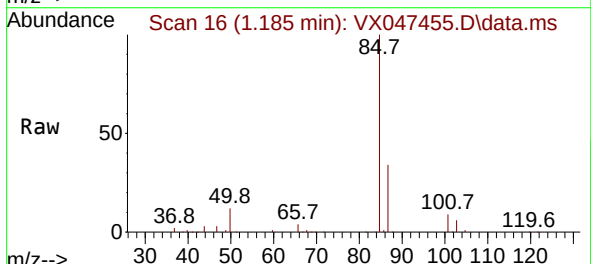
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

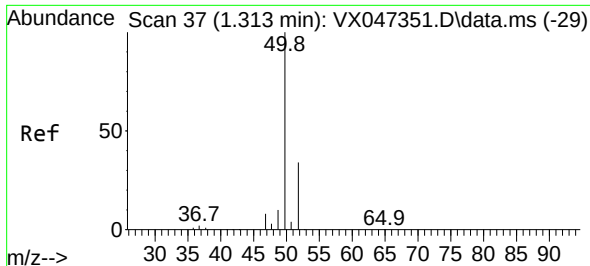
Tgt Ion:168 Resp: 229258
Ion Ratio Lower Upper
168 100
99 62.6 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 46.896 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 85 Resp: 137054
Ion Ratio Lower Upper
85 100
87 33.7 16.4 49.1

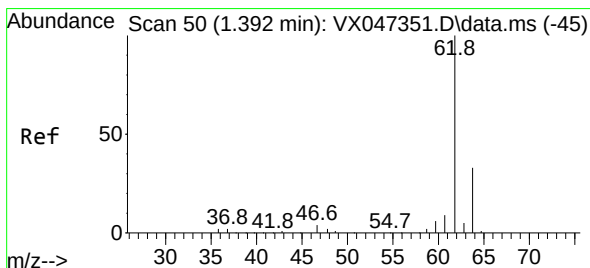
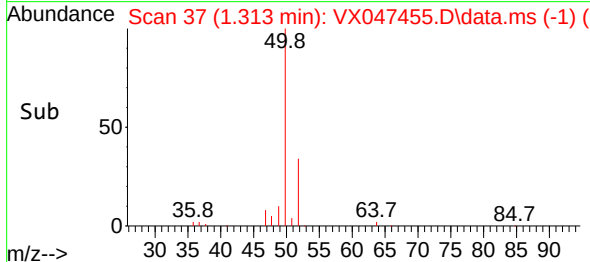
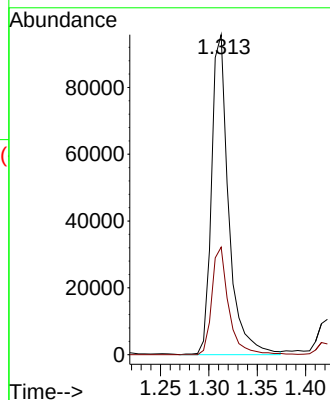
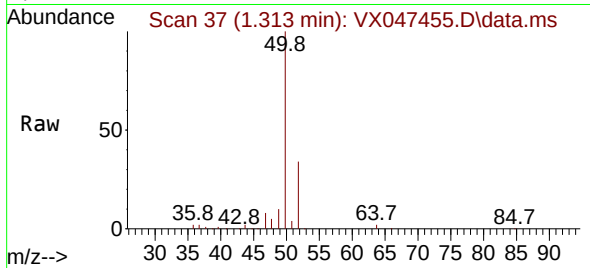




#3
Chloromethane
Concen: 45.011 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

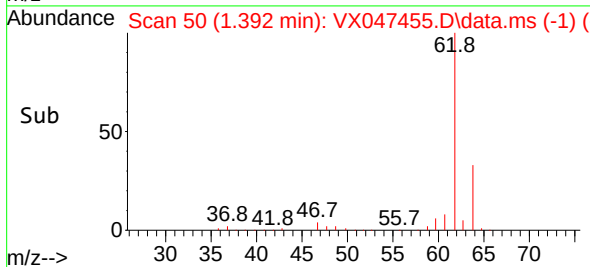
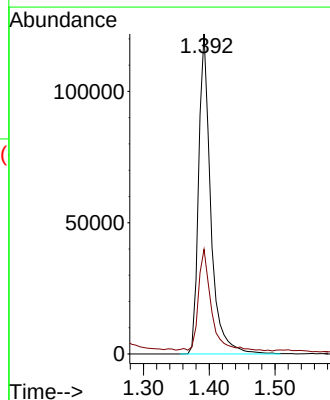
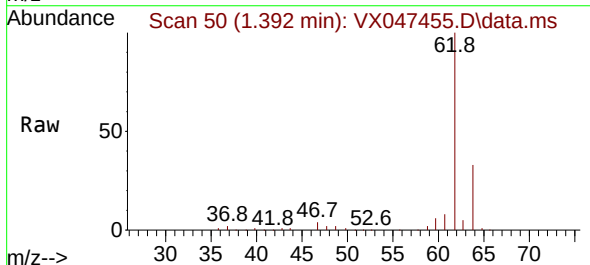
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

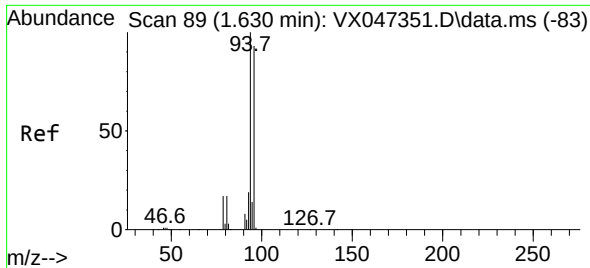
Tgt Ion: 50 Resp: 118337
Ion Ratio Lower Upper
50 100
52 33.6 27.0 40.4



#4
Vinyl Chloride
Concen: 47.266 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 62 Resp: 155972
Ion Ratio Lower Upper
62 100
64 31.4 26.5 39.7

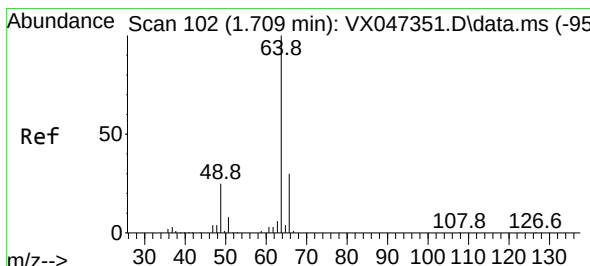
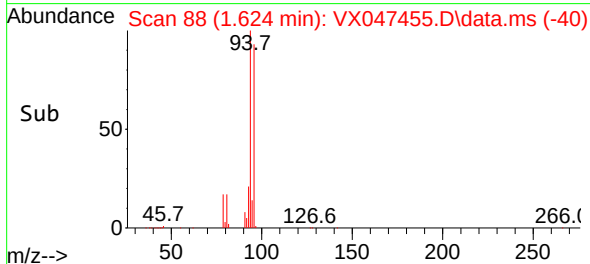
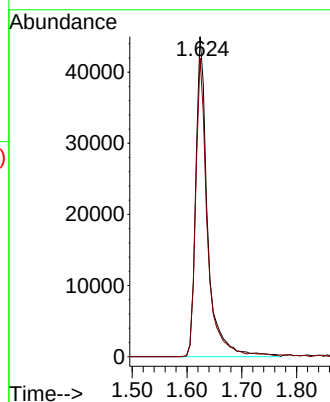
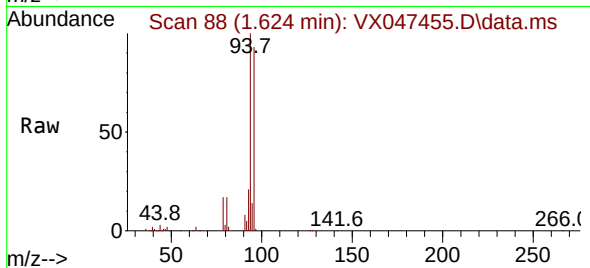




#5
 Bromomethane
 Concen: 50.995 ug/l
 RT: 1.624 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

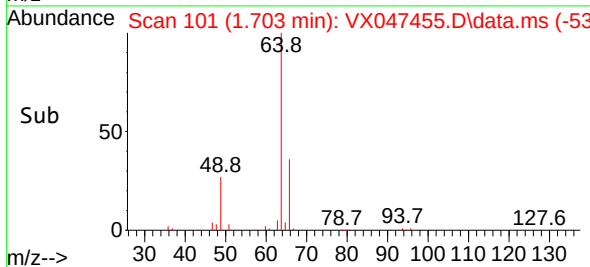
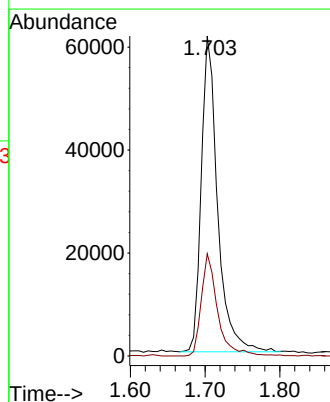
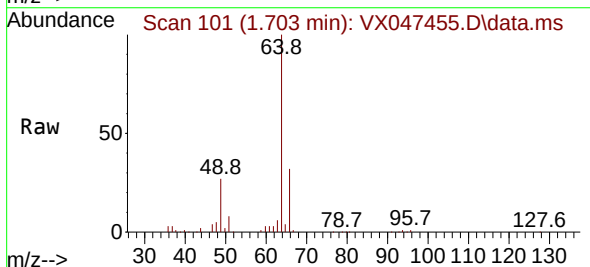
Instrument :
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 ClientSampleId :
 VSTDCCC050

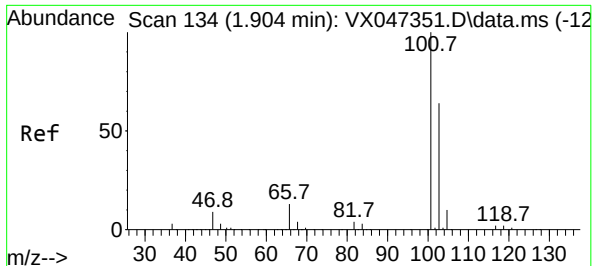
Tgt Ion: 94 Resp: 67970
 Ion Ratio Lower Upper
 94 100
 96 93.3 74.7 112.1



#6
 Chloroethane
 Concen: 45.950 ug/l
 RT: 1.703 min Scan# 101
 Delta R.T. -0.006 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

Tgt Ion: 64 Resp: 92773
 Ion Ratio Lower Upper
 64 100
 66 32.4 24.4 36.6

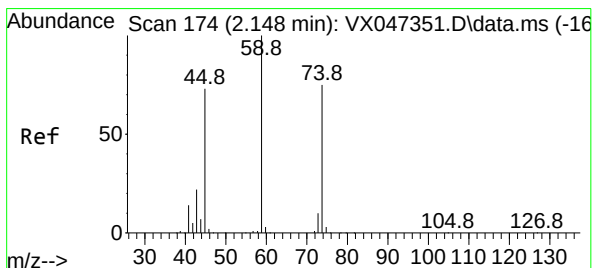
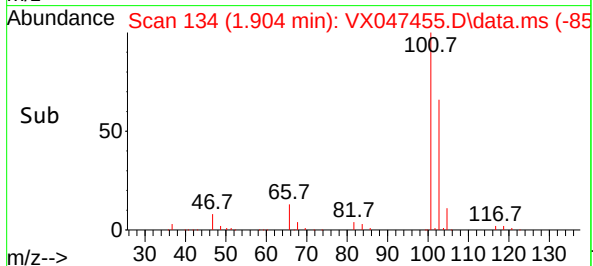
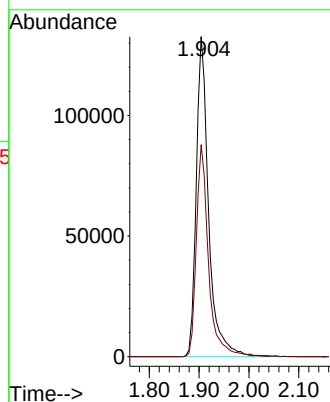
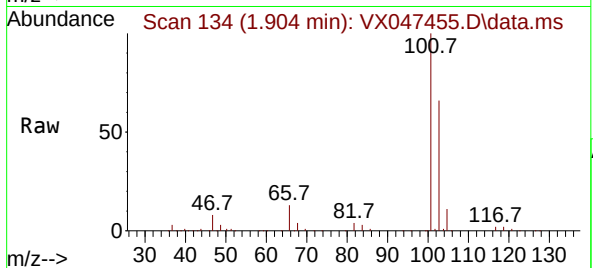




#7
 Trichlorofluoromethane
 Concen: 46.714 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

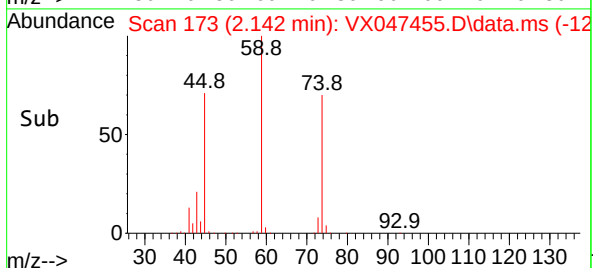
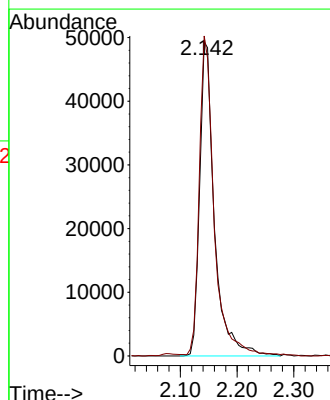
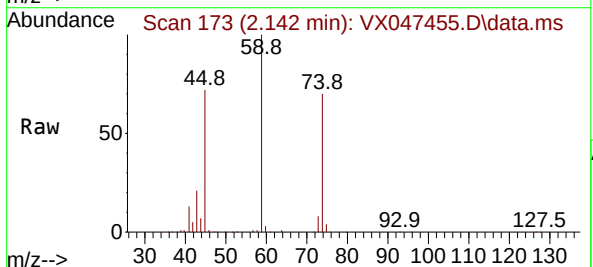
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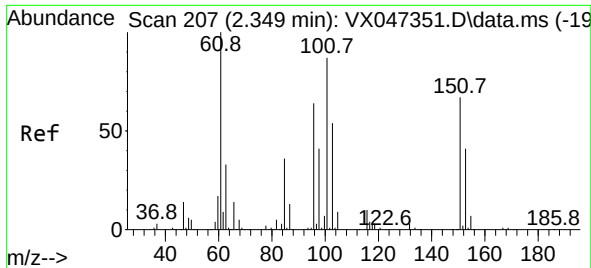
Tgt Ion:101 Resp: 228011
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.9 76.3



#8
 Diethyl Ether
 Concen: 51.996 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

Tgt Ion: 74 Resp: 89364
 Ion Ratio Lower Upper
 74 100
 45 102.9 51.3 154.0

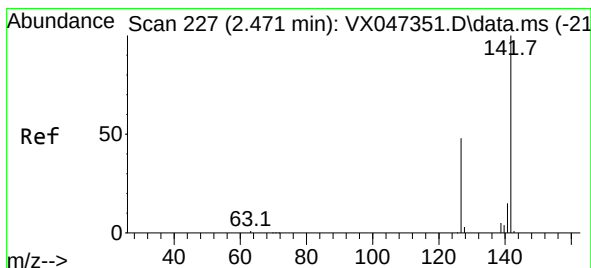
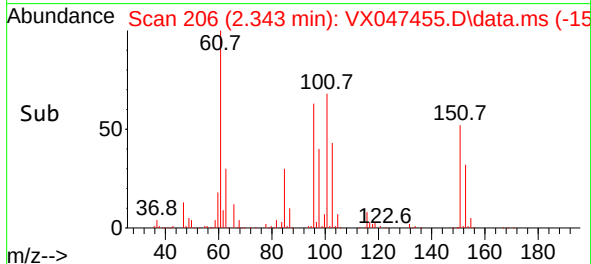
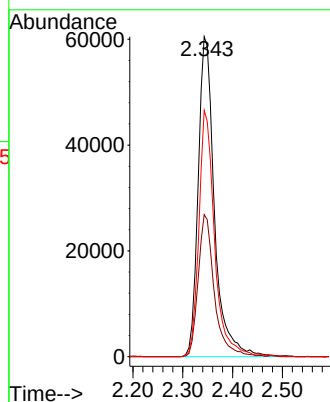
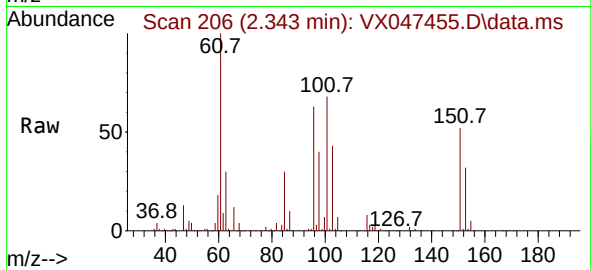




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.502 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

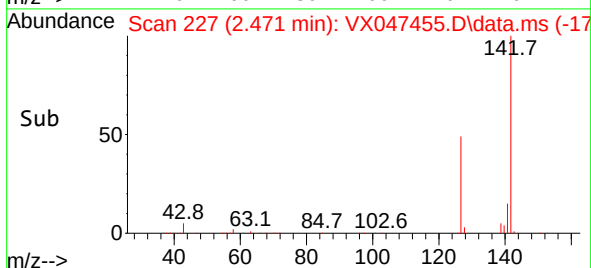
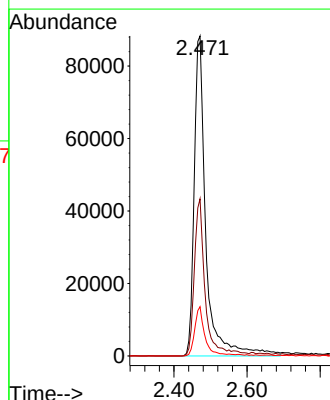
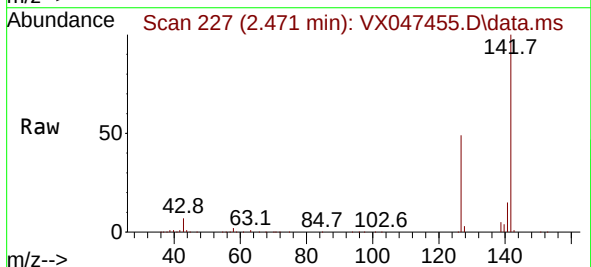
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ClientSampleId :
VSTDCCC050

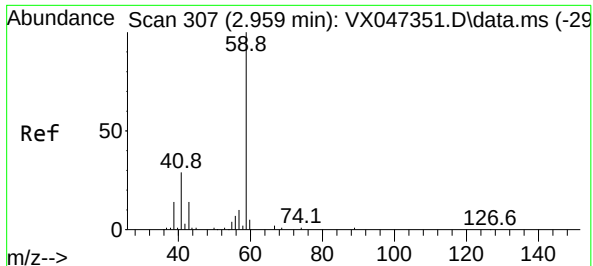
Tgt Ion:101 Resp: 137327
Ion Ratio Lower Upper
101 100
85 44.1 34.3 51.5
151 74.4 59.2 88.8



#10
Methyl Iodide
Concen: 40.864 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion:142 Resp: 198280
Ion Ratio Lower Upper
142 100
127 45.6 36.1 54.1
141 13.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 267.071 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

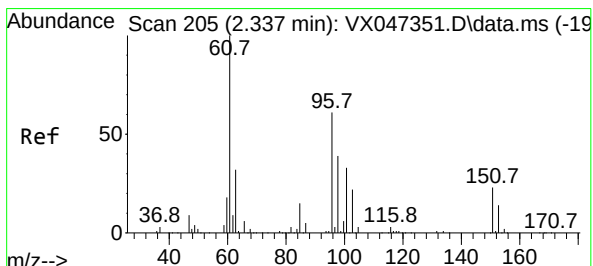
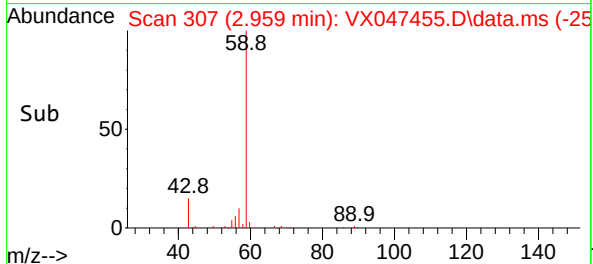
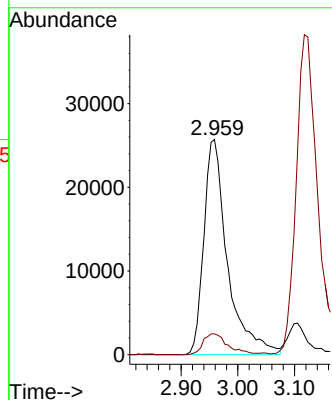
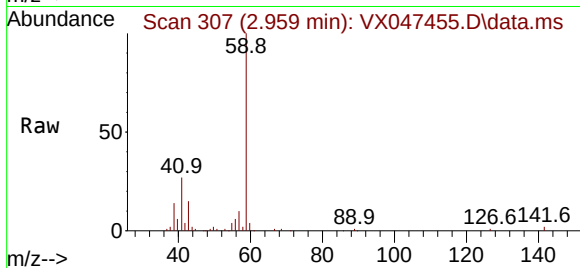
VSTDCCC050

Tgt Ion: 59 Resp: 74546

Ion Ratio Lower Upper

59 100

57 10.3 8.3 12.5



#12

1,1-Dichloroethene

Concen: 47.975 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

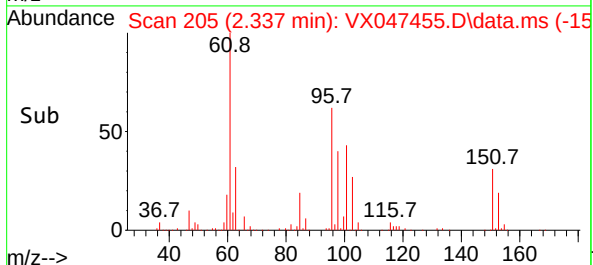
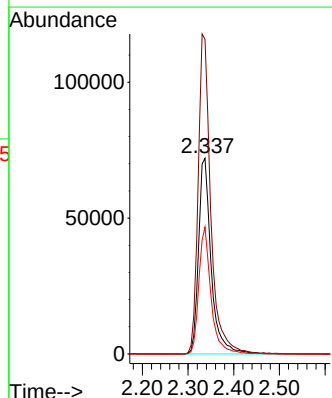
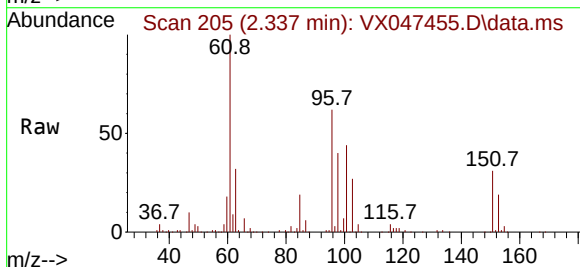
Tgt Ion: 96 Resp: 138483

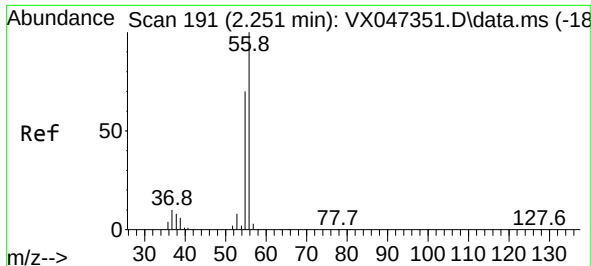
Ion Ratio Lower Upper

96 100

61 160.8 132.2 198.2

98 64.9 51.2 76.8

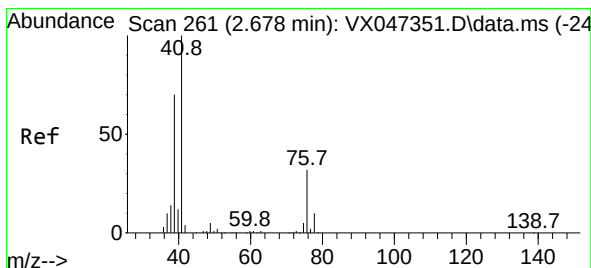
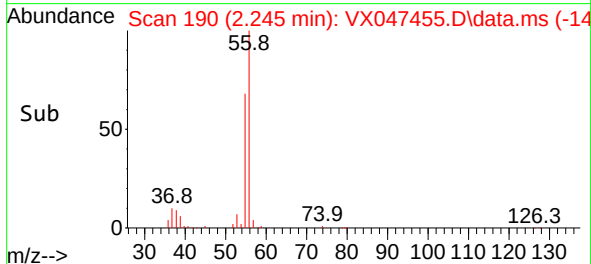
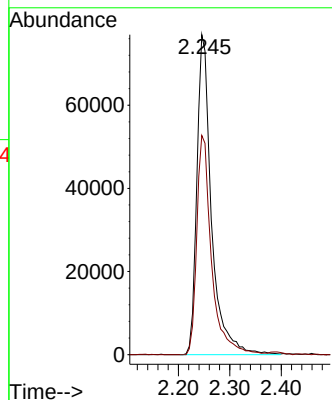
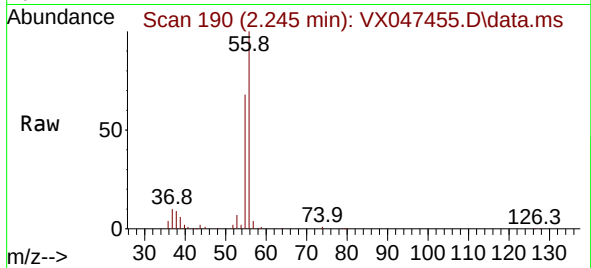




#13
Acrolein
Concen: 258.116 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

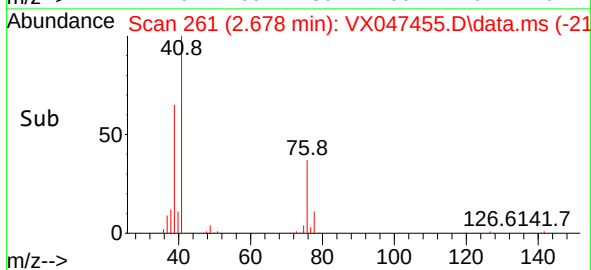
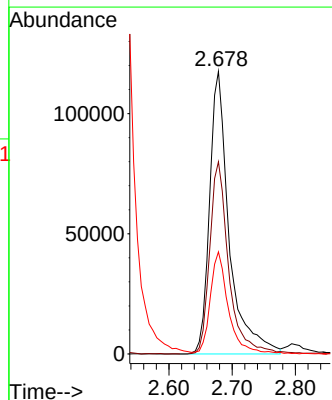
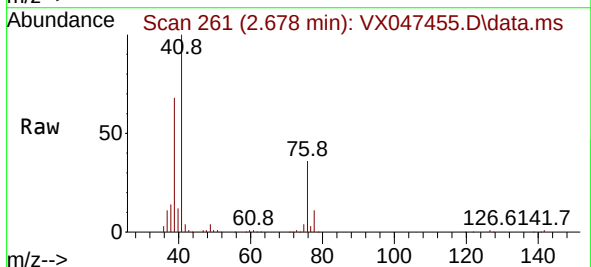
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

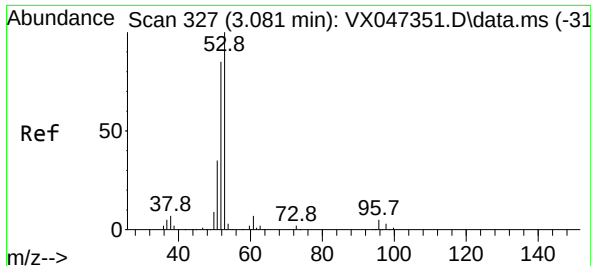
Tgt Ion: 56 Resp: 152087
Ion Ratio Lower Upper
56 100
55 69.4 55.5 83.3



#14
Allyl chloride
Concen: 50.558 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 41 Resp: 253477
Ion Ratio Lower Upper
41 100
39 66.2 54.6 81.8
76 33.5 27.6 41.4

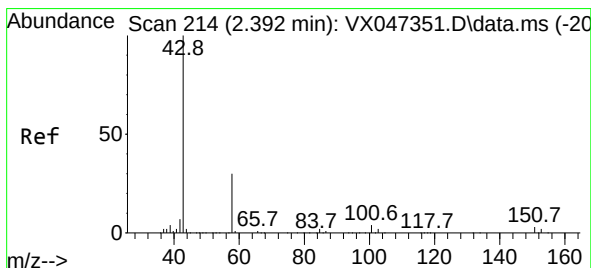
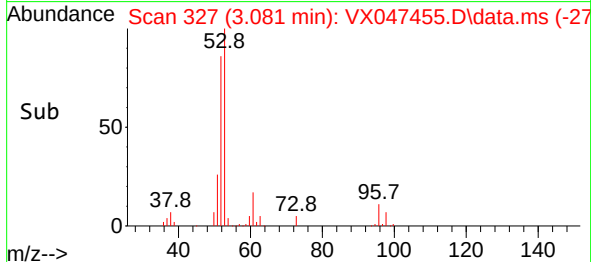
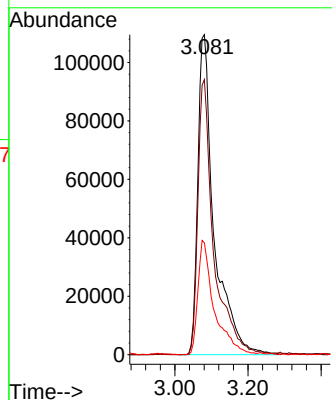
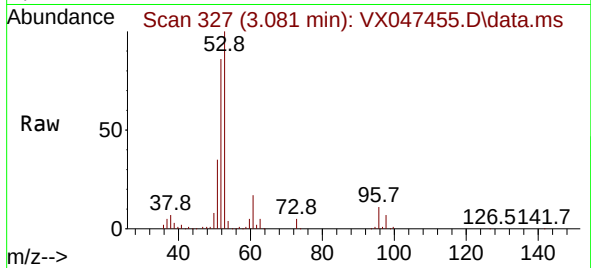




#15
Acrylonitrile
Concen: 253.372 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

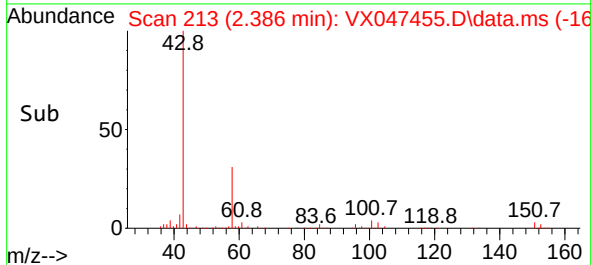
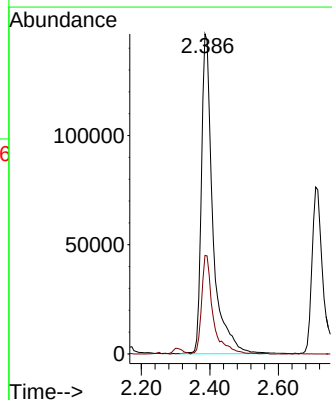
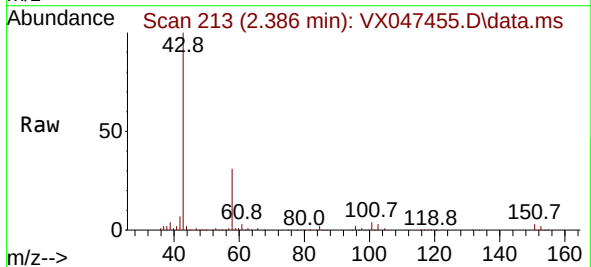
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

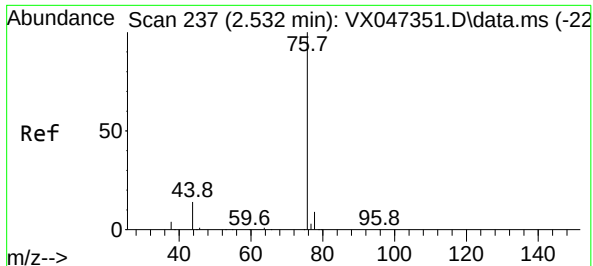
Tgt Ion: 53 Resp: 341743
Ion Ratio Lower Upper
53 100
52 83.0 65.8 98.6
51 35.7 28.2 42.2



#16
Acetone
Concen: 282.303 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 43 Resp: 340465
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2





#17

Carbon Disulfide

Concen: 43.368 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

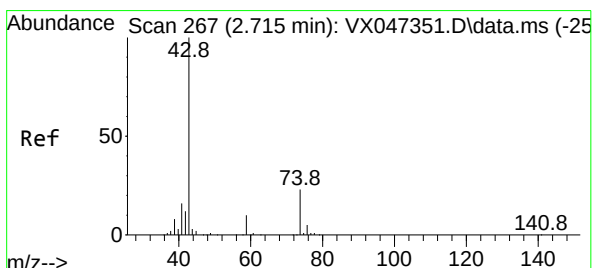
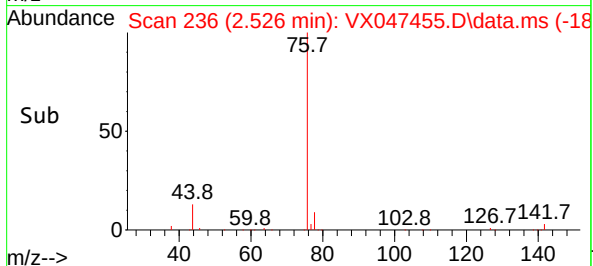
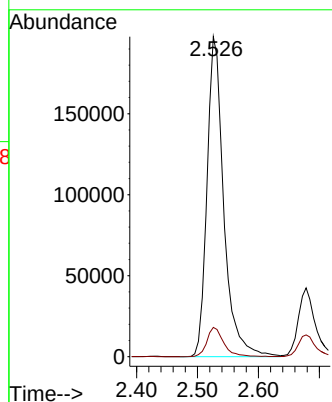
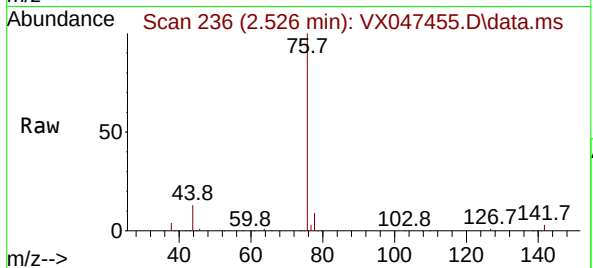
VSTDCCC050

Tgt Ion: 76 Resp: 377752

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 56.023 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.006 min

Lab File: VX047455.D

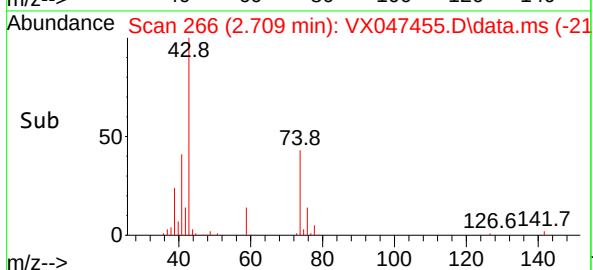
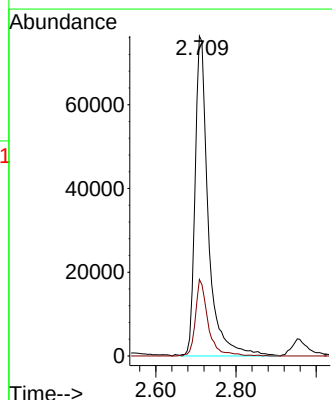
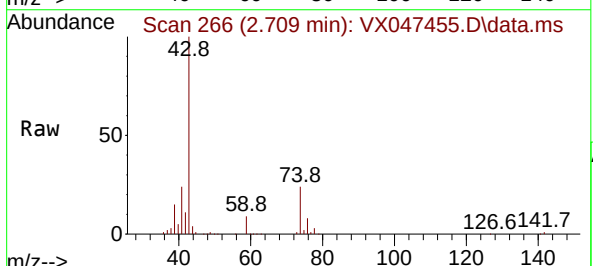
Acq: 21 Aug 2025 09:35

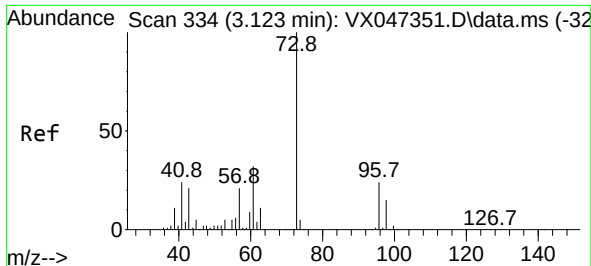
Tgt Ion: 43 Resp: 175090

Ion Ratio Lower Upper

43 100

74 22.6 18.4 27.6

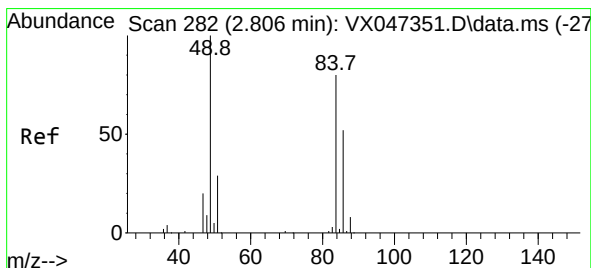
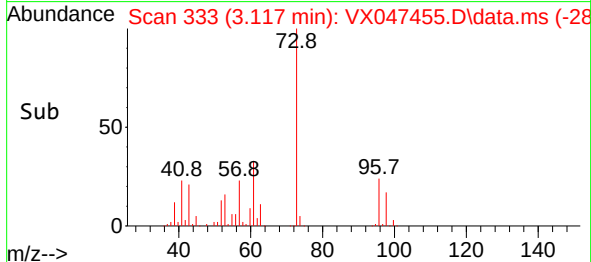
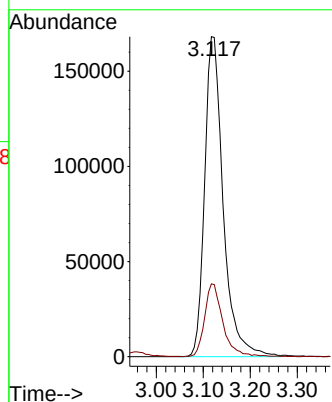
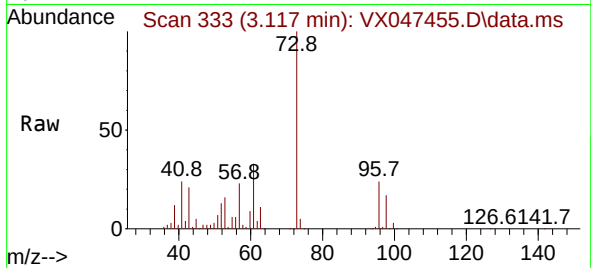




#19
Methyl tert-butyl Ether
Concen: 52.473 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

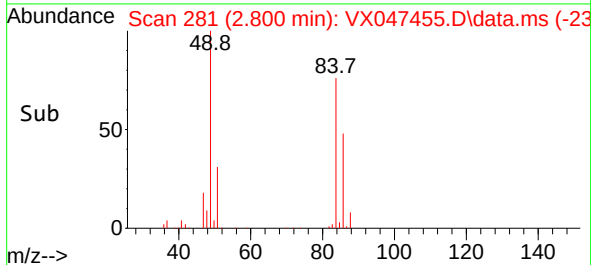
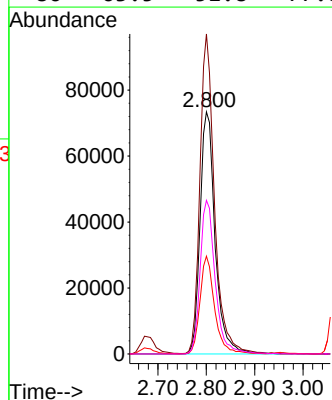
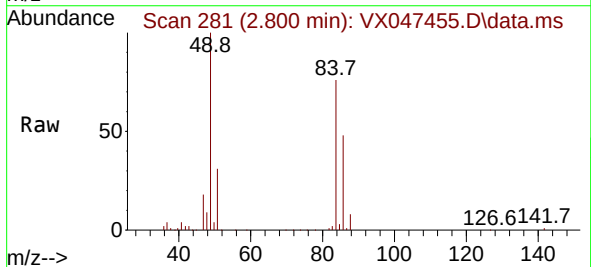
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

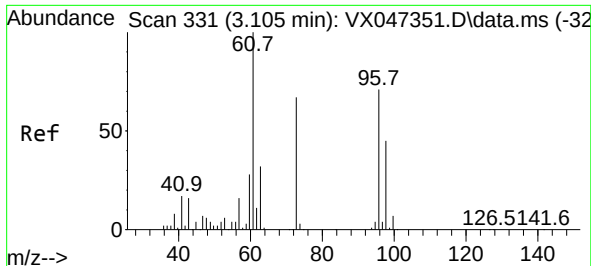
Tgt Ion: 73 Resp: 460788
Ion Ratio Lower Upper
73 100
57 22.6 17.0 25.6



#20
Methylene Chloride
Concen: 49.682 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 84 Resp: 158663
Ion Ratio Lower Upper
84 100
49 132.0 100.1 150.1
51 40.4 29.5 44.3
86 63.5 51.8 77.8

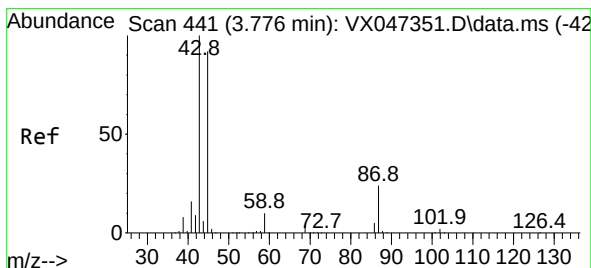
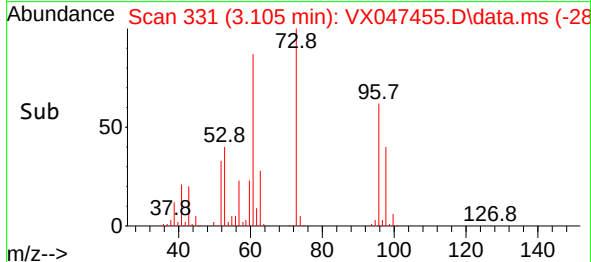
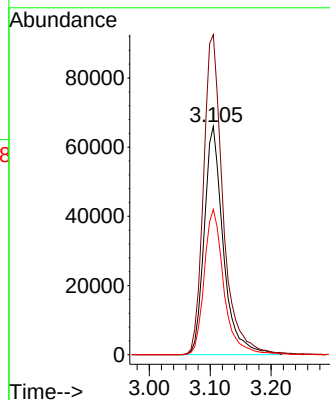
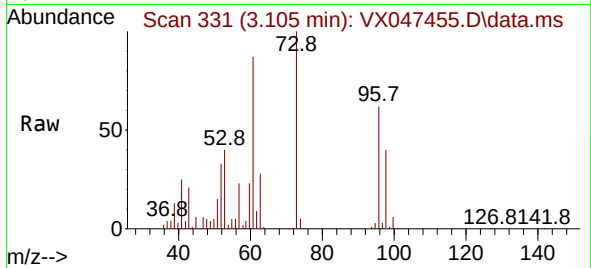




#21
trans-1,2-Dichloroethene
Concen: 46.888 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

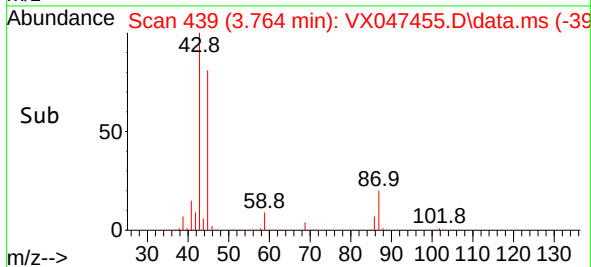
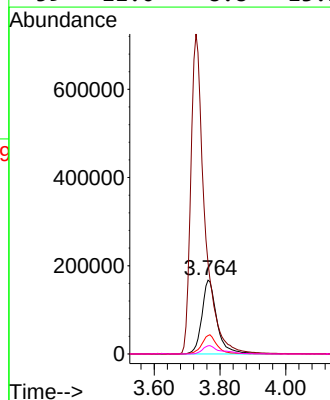
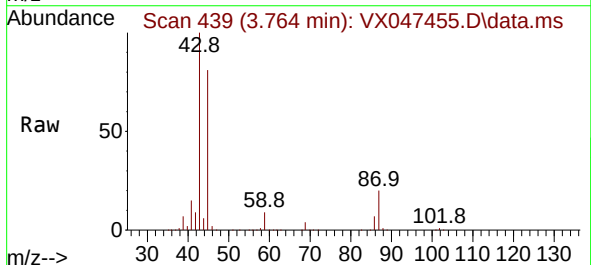
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

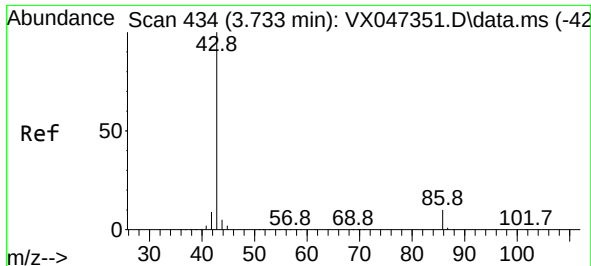
Tgt Ion: 96 Resp: 143651
Ion Ratio Lower Upper
96 100
61 140.2 112.6 169.0
98 63.6 50.9 76.3



#22
Diisopropyl ether
Concen: 53.537 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.012 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 45 Resp: 530561
Ion Ratio Lower Upper
45 100
43 122.9 86.8 130.2
87 25.0 20.4 30.6
59 11.0 8.8 13.2

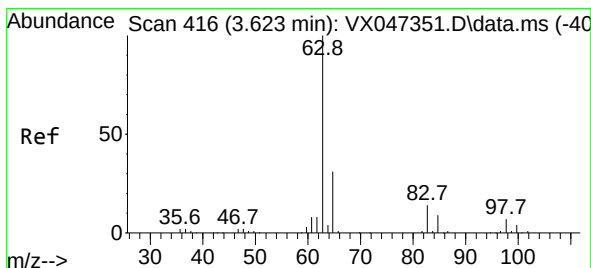
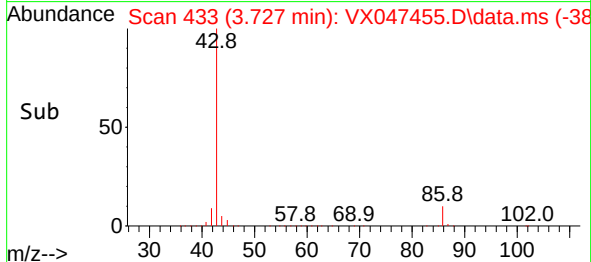
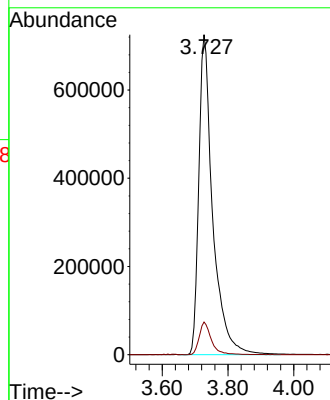
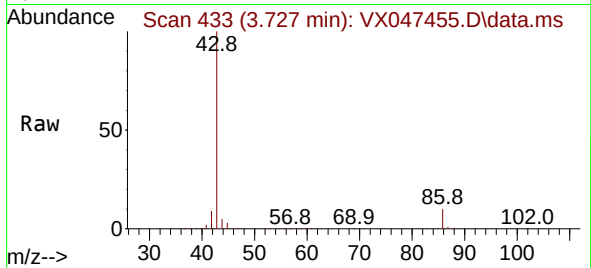




#23
 Vinyl Acetate
 Concen: 262.092 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

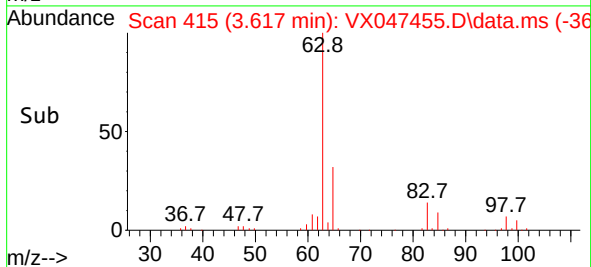
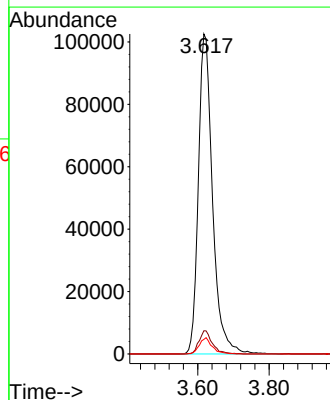
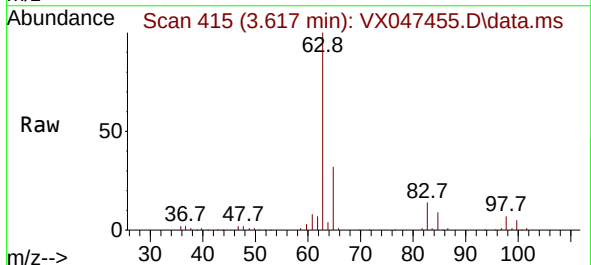
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

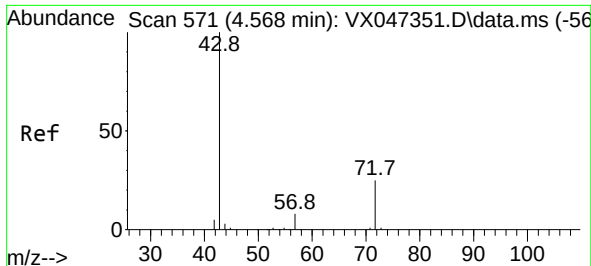
Tgt Ion: 43 Resp: 2128926
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 50.342 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

Tgt Ion: 63 Resp: 281992
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.7 2.1 6.3

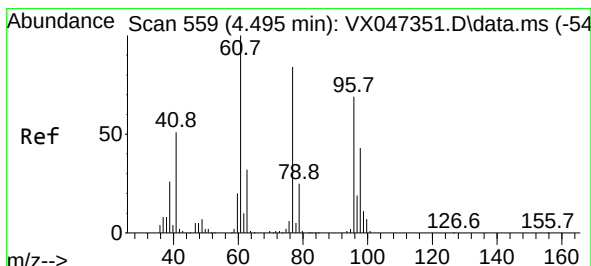
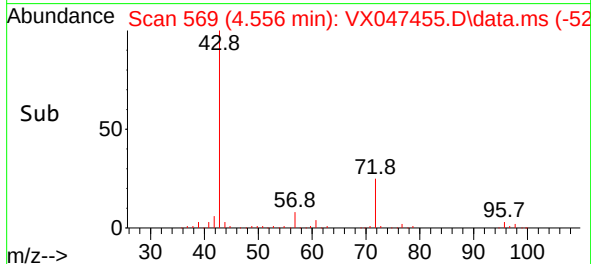
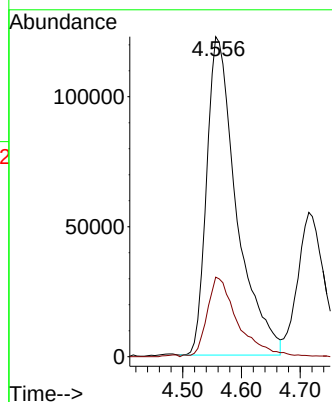
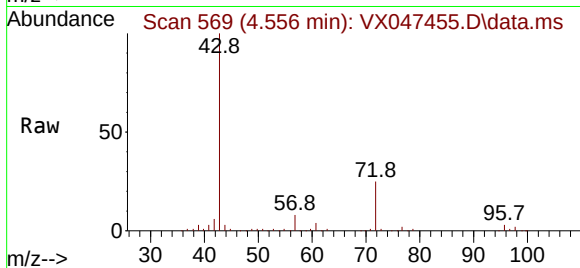




#25
2-Butanone
Concen: 274.073 ug/l
RT: 4.556 min Scan# 571
Delta R.T. -0.012 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

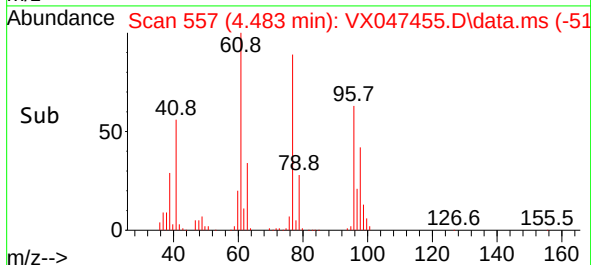
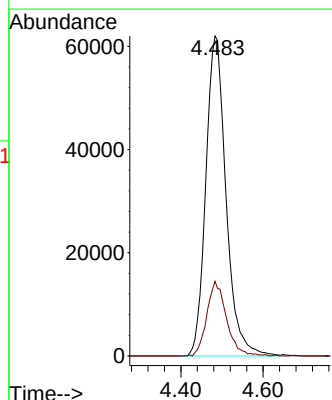
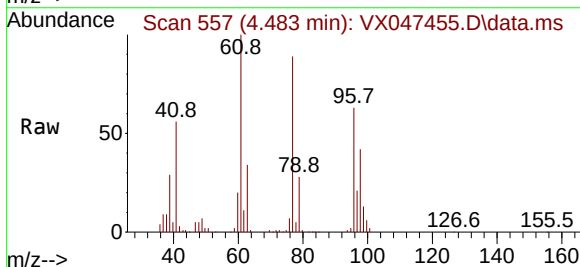
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

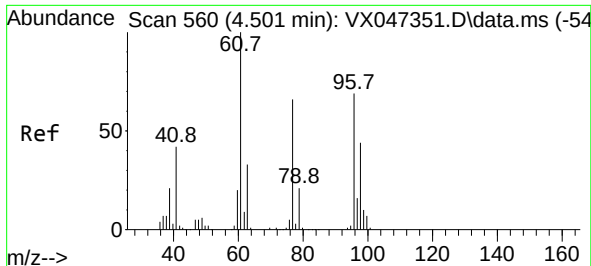
Tgt Ion: 43 Resp: 432900
Ion Ratio Lower Upper
43 100
72 24.7 19.8 29.8



#26
2,2-Dichloropropane
Concen: 50.016 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 77 Resp: 211457
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.585 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

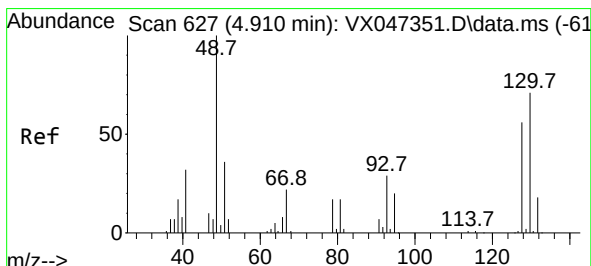
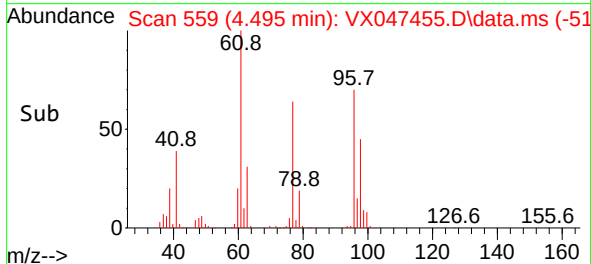
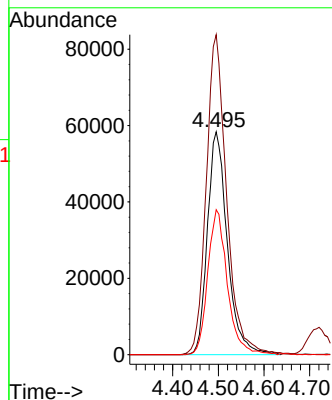
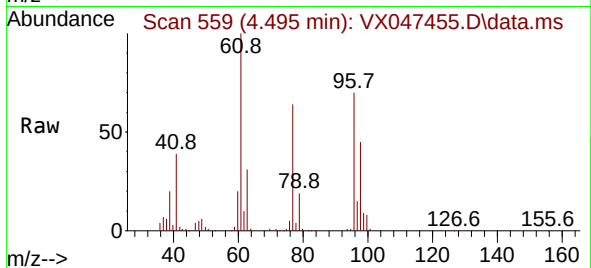
Tgt Ion: 96 Resp: 176936

Ion Ratio Lower Upper

96 100

61 146.5 0.0 296.6

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 56.941 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

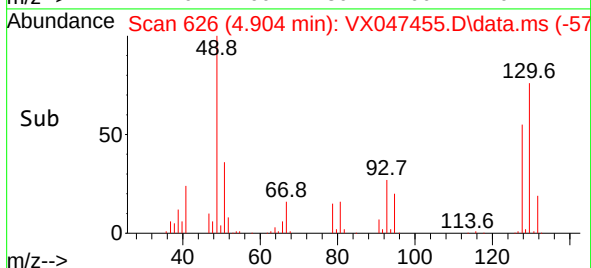
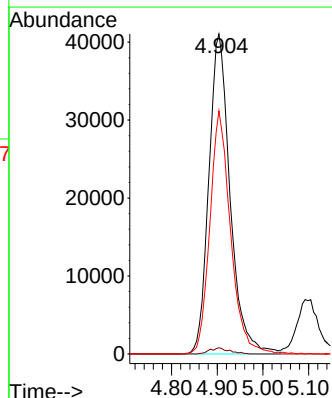
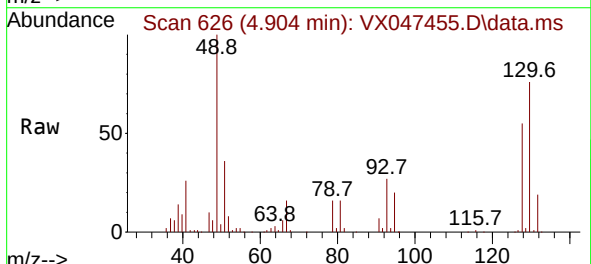
Tgt Ion: 49 Resp: 132726

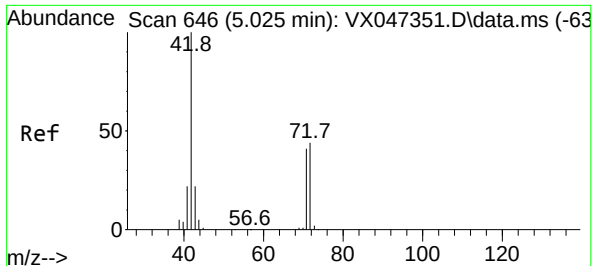
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 73.8 59.8 89.6





#29

Tetrahydrofuran

Concen: 242.119 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

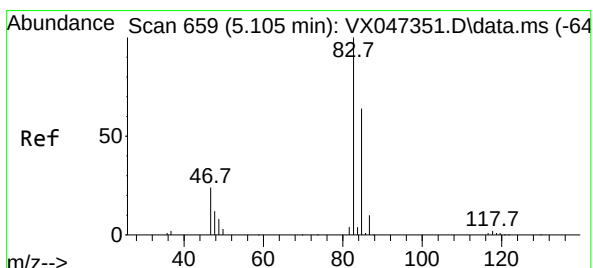
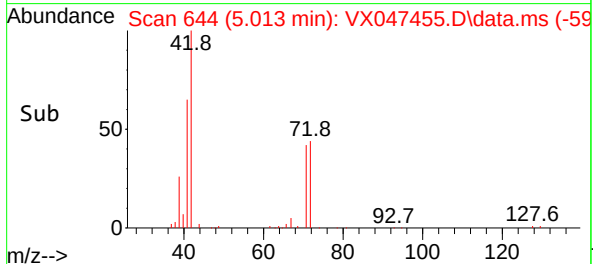
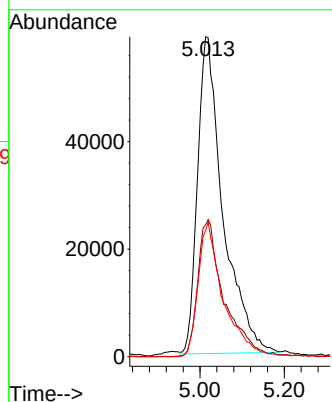
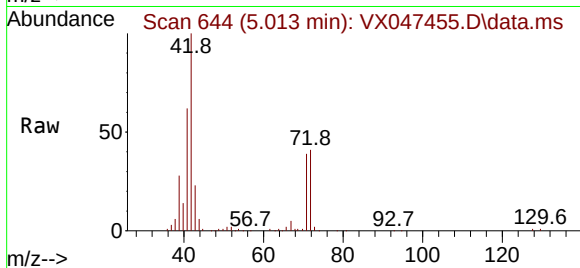
Tgt Ion: 42 Resp: 247179

Ion Ratio Lower Upper

42 100

72 44.2 34.6 51.8

71 41.8 32.6 49.0



#30

Chloroform

Concen: 49.812 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047455.D

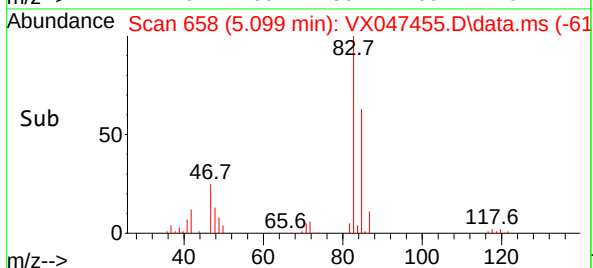
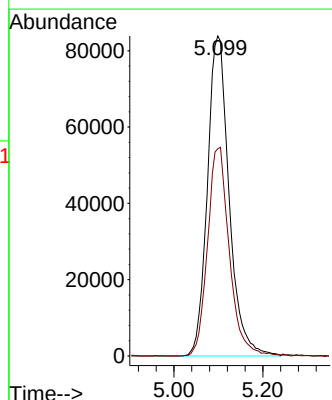
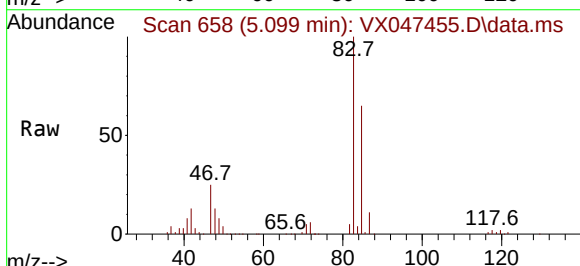
Acq: 21 Aug 2025 09:35

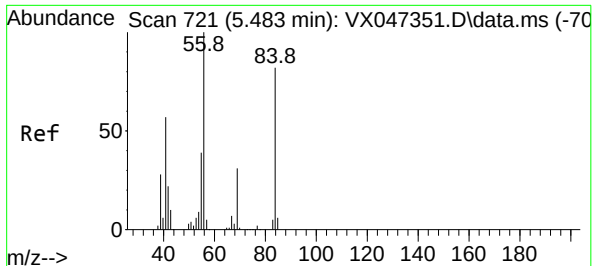
Tgt Ion: 83 Resp: 284762

Ion Ratio Lower Upper

83 100

85 65.8 51.2 76.8

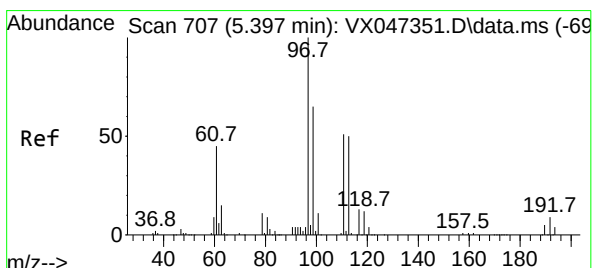
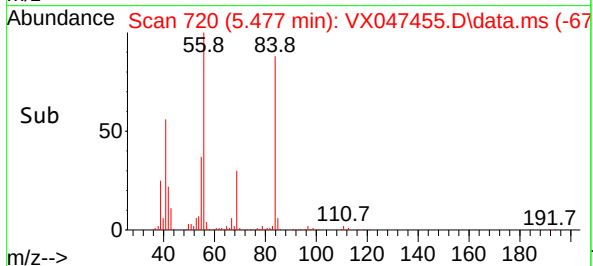
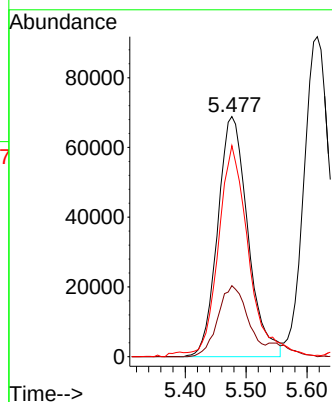
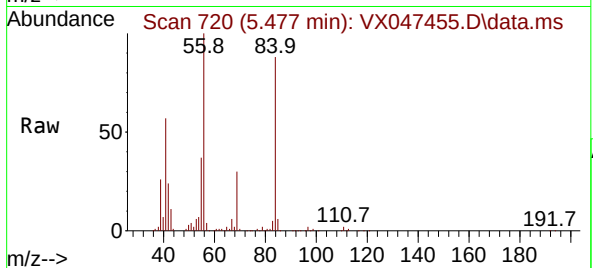




#31
Cyclohexane
Concen: 45.973 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

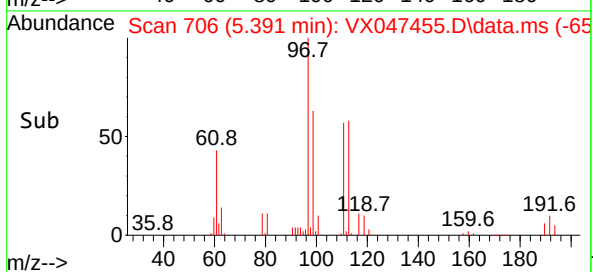
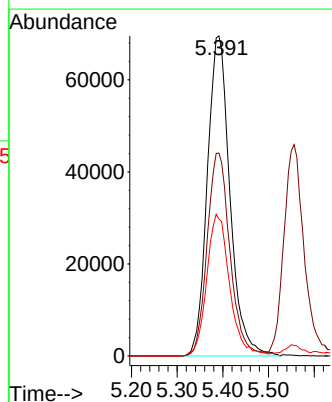
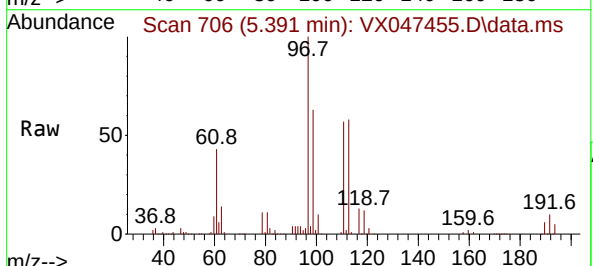
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

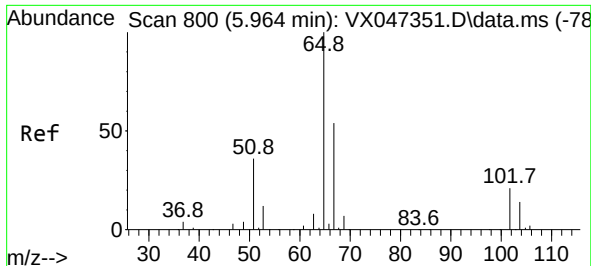
Tgt Ion: 56 Resp: 237389
Ion Ratio Lower Upper
56 100
69 29.2 24.3 36.5
84 86.0 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 48.527 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 97 Resp: 238782
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 44.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.347 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

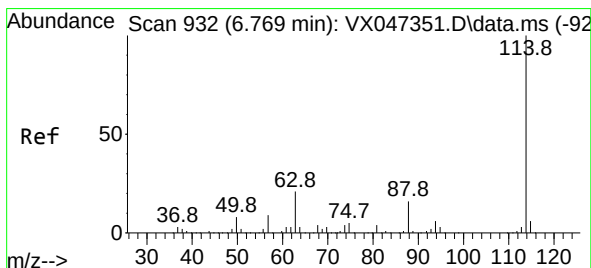
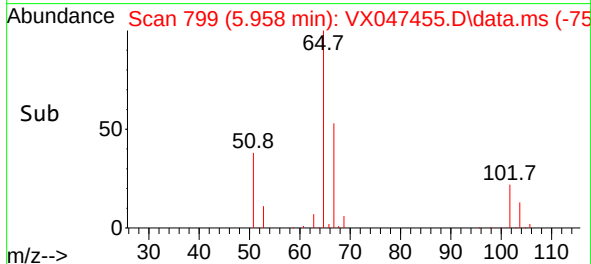
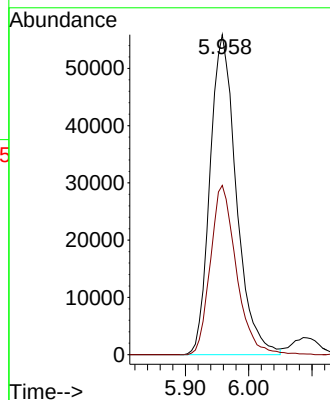
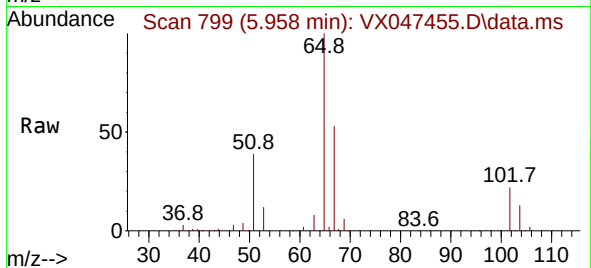
VSTDCCC050

Tgt Ion: 65 Resp: 161541

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

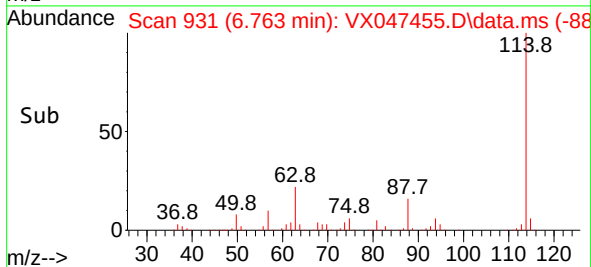
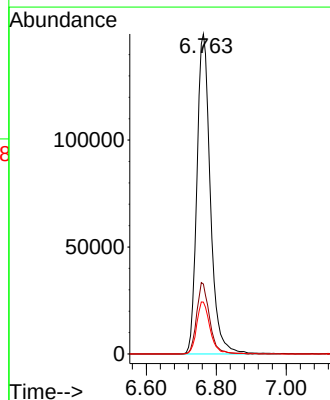
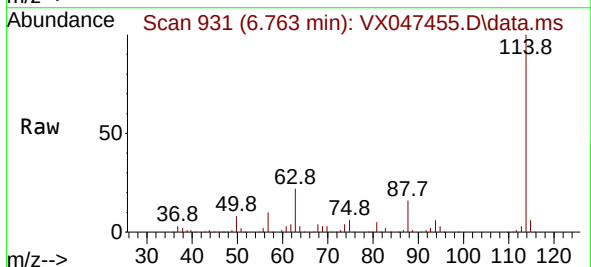
Tgt Ion: 114 Resp: 398048

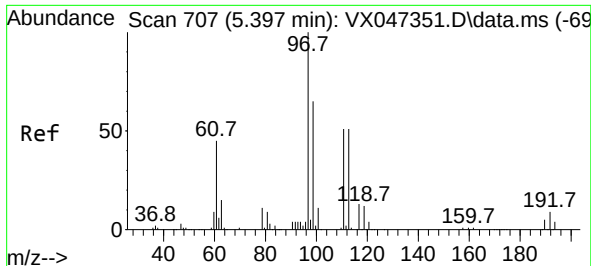
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

88 16.2 0.0 33.0

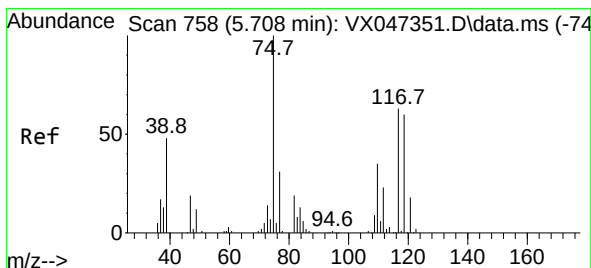
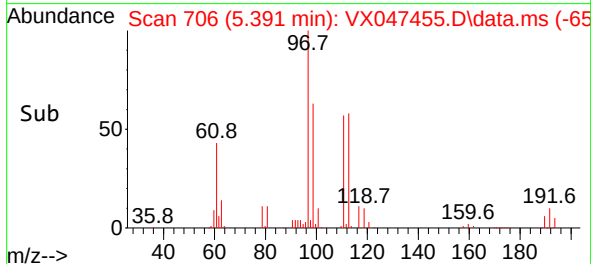
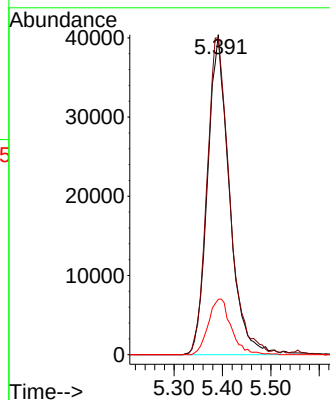
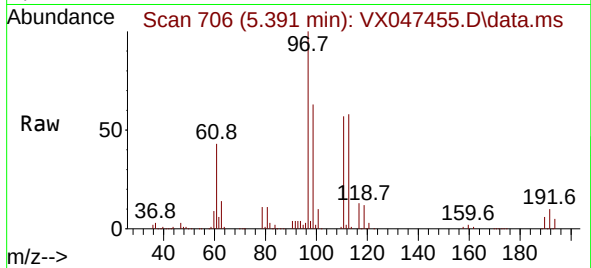




#35
Dibromofluoromethane
Concen: 48.873 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

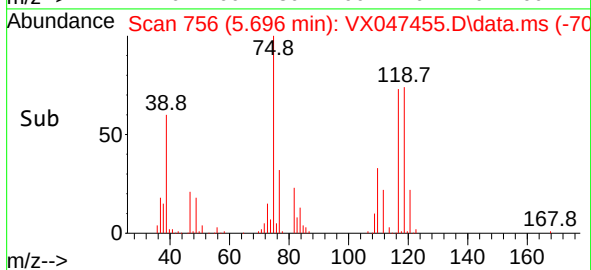
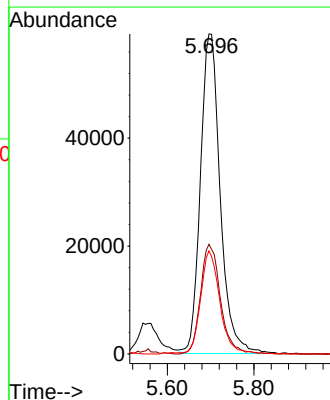
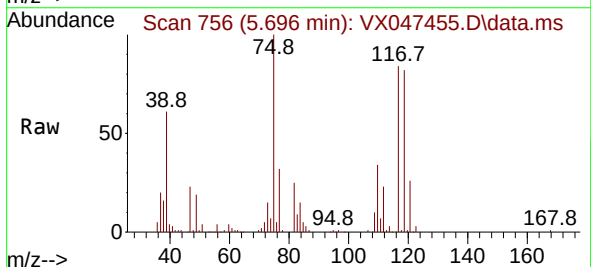
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

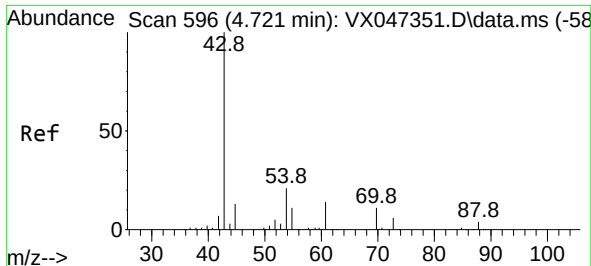
Tgt Ion:113 Resp: 126257
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 18.3 14.1 21.1



#36
1,1-Dichloropropene
Concen: 46.080 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 75 Resp: 187916
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 43.823 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

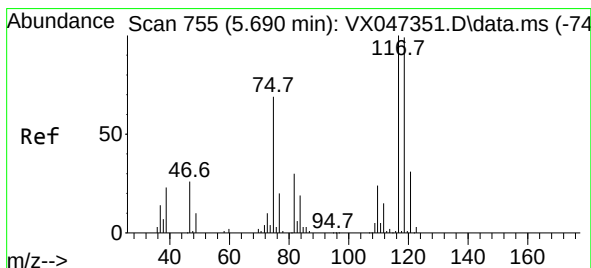
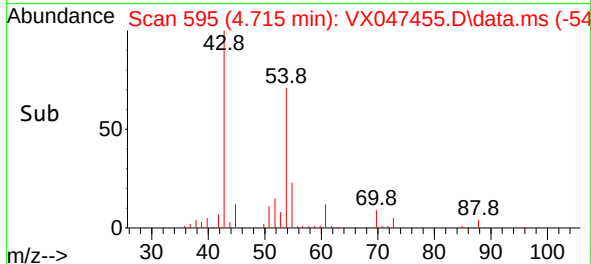
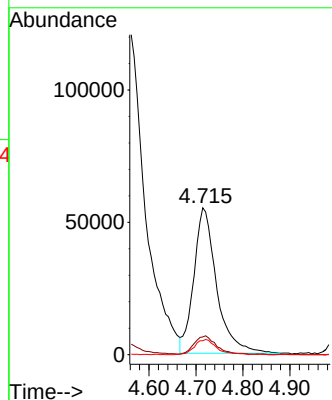
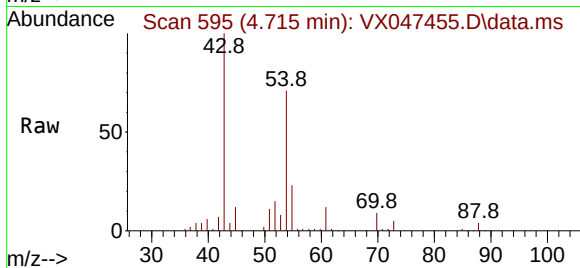
Tgt Ion: 43 Resp: 185529

Ion Ratio Lower Upper

43 100

61 12.2 9.4 14.2

70 10.1 7.0 10.6



#38

Carbon Tetrachloride

Concen: 45.160 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

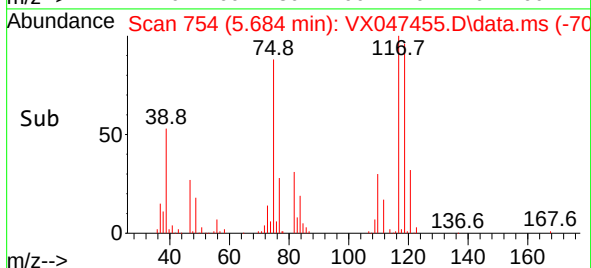
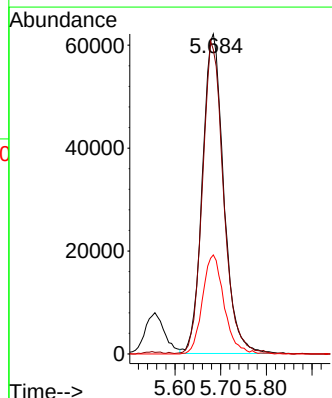
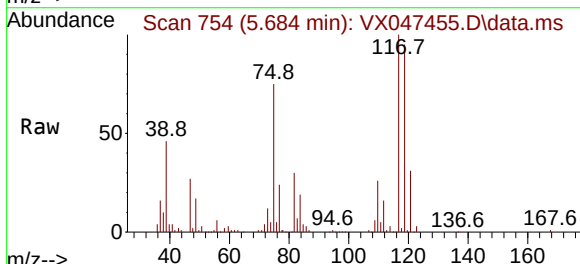
Tgt Ion: 117 Resp: 201253

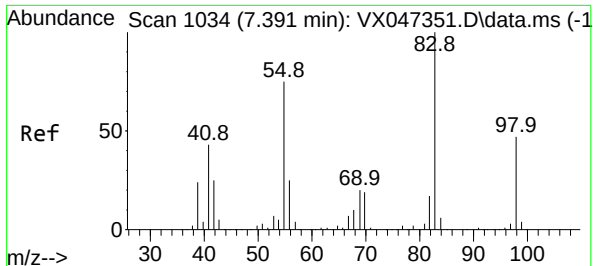
Ion Ratio Lower Upper

117 100

119 94.9 78.5 117.7

121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 45.537 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.012 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

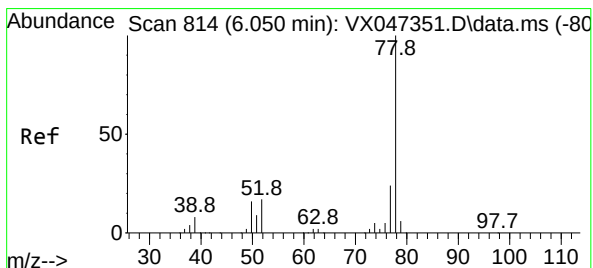
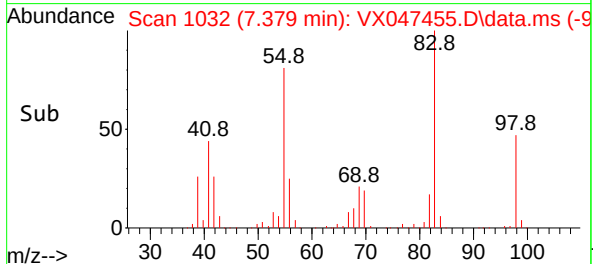
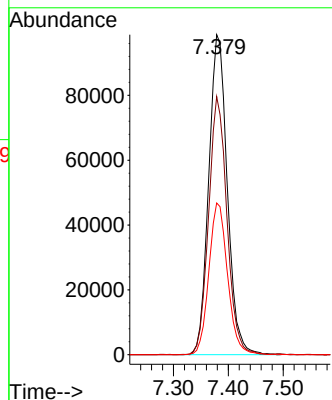
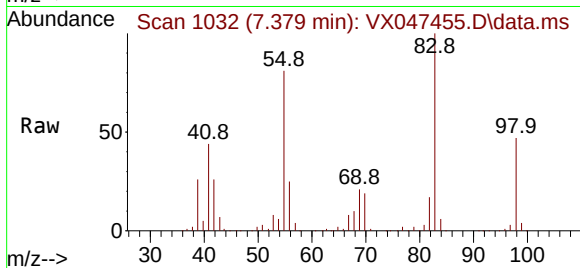
Tgt Ion: 83 Resp: 231636

Ion Ratio Lower Upper

83 100

55 80.6 60.0 90.0

98 47.4 37.2 55.8



#40

Benzene

Concen: 48.265 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.006 min

Lab File: VX047455.D

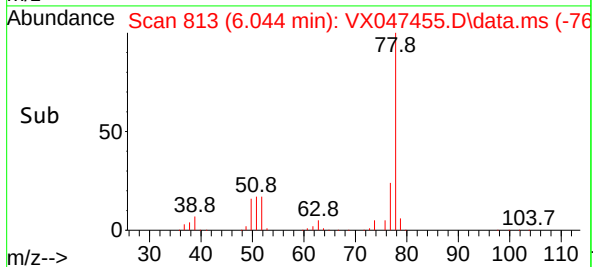
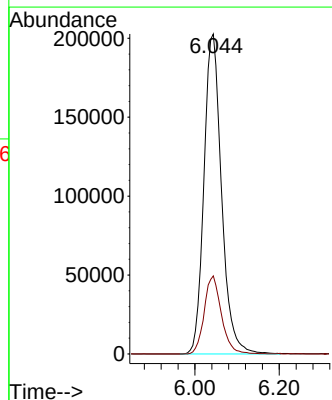
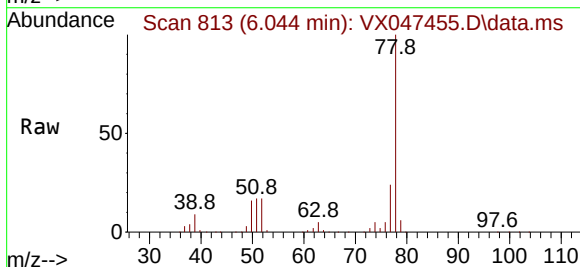
Acq: 21 Aug 2025 09:35

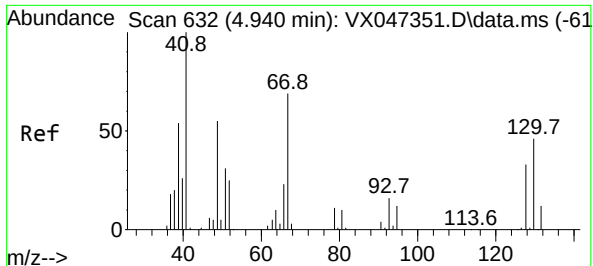
Tgt Ion: 78 Resp: 589135

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4



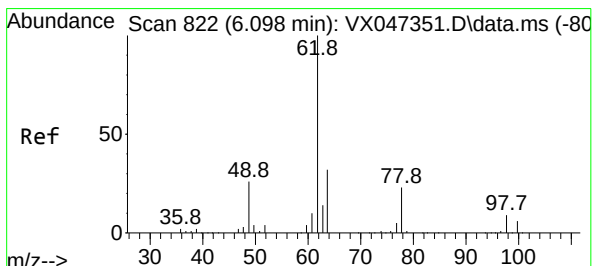
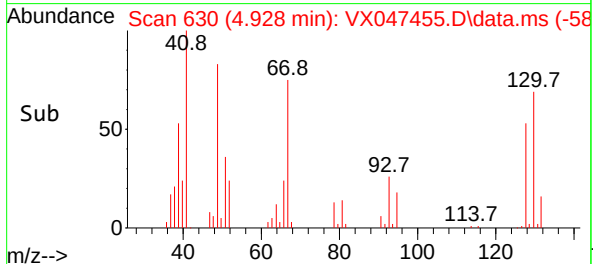
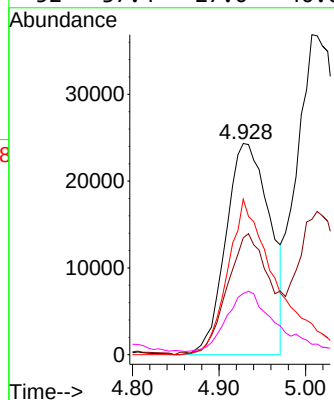
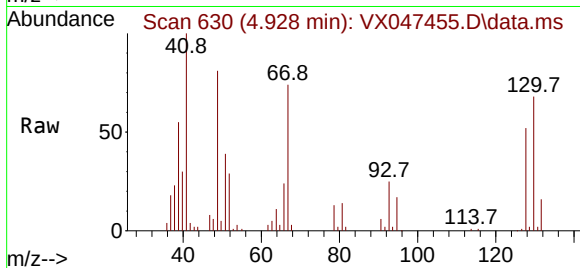


#41
Methacrylonitrile
Concen: 48.068 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 85816

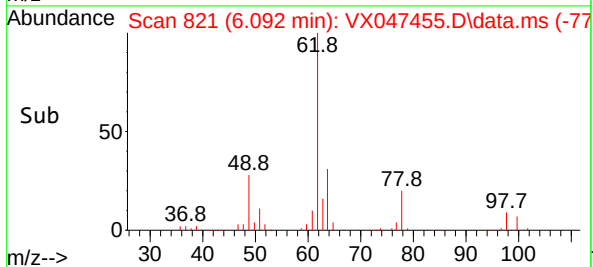
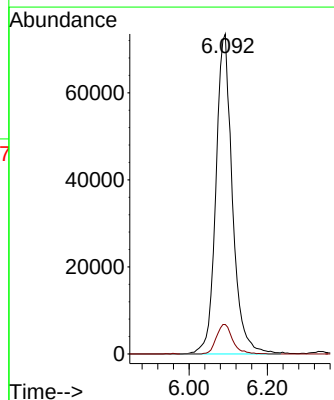
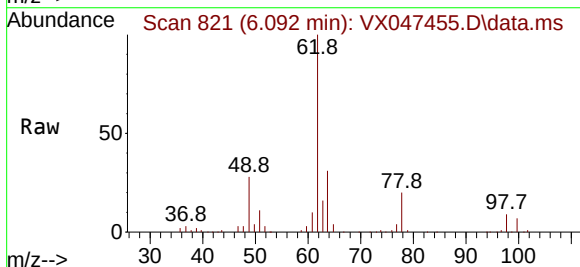
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.4	68.2
67	84.2	64.0	96.0
52	37.4	27.0	40.6

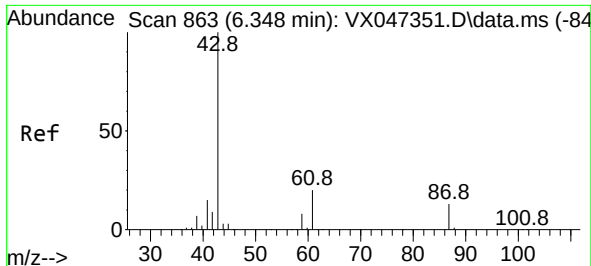


#42
1,2-Dichloroethane
Concen: 49.745 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 62 Resp: 215079

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0

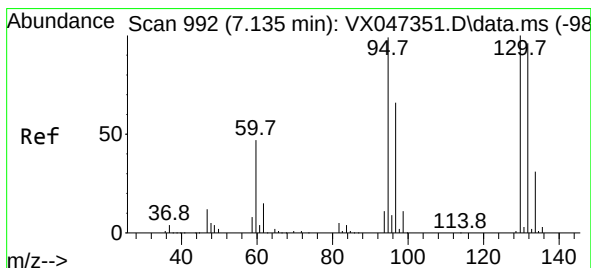
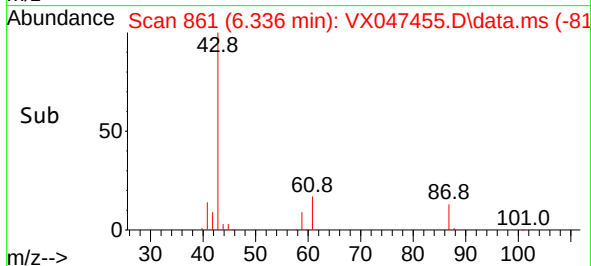
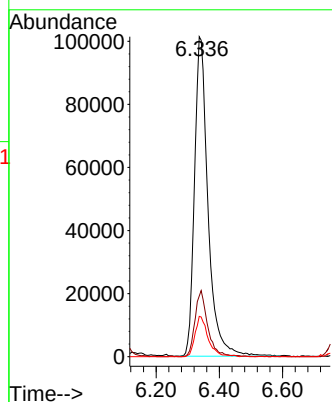
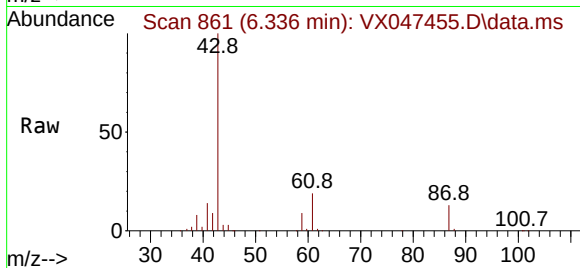




#43
Isopropyl Acetate
Concen: 49.652 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

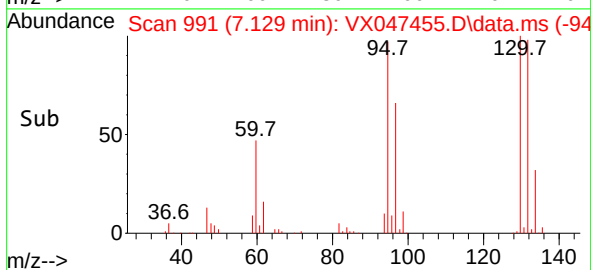
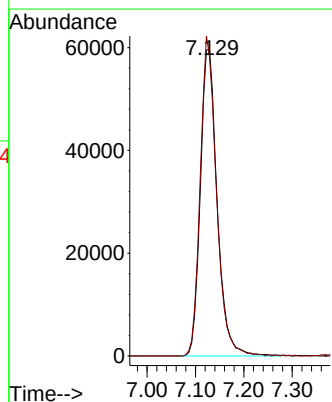
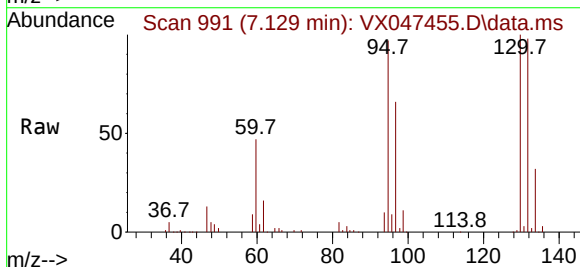
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

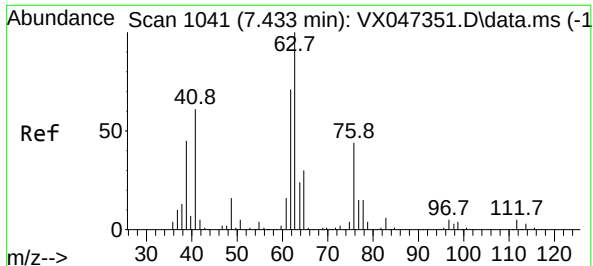
Tgt Ion: 43 Resp: 301985
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0
87 12.2 10.2 15.4



#44
Trichloroethene
Concen: 46.179 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion:130 Resp: 144331
Ion Ratio Lower Upper
130 100
95 97.4 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.387 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

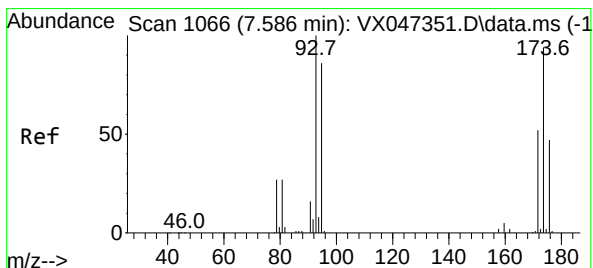
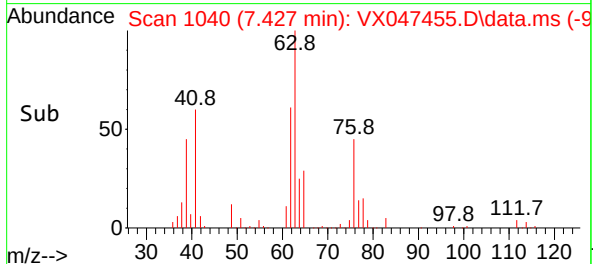
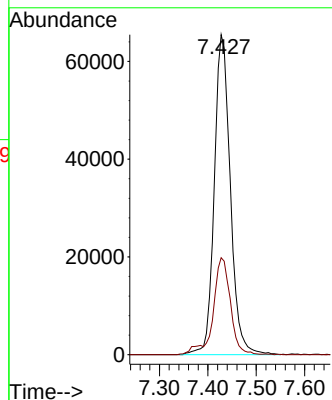
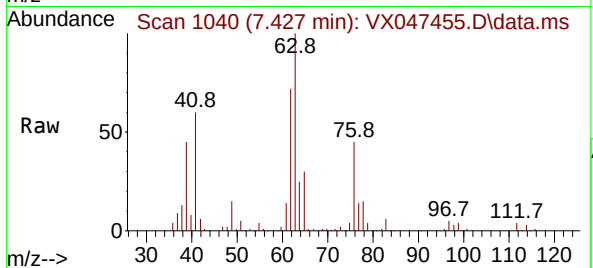
VSTDCCC050

Tgt Ion: 63 Resp: 151021

Ion Ratio Lower Upper

63 100

65 30.2 23.8 35.6



#46

Dibromomethane

Concen: 49.273 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

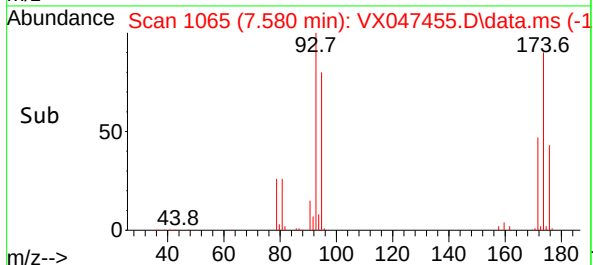
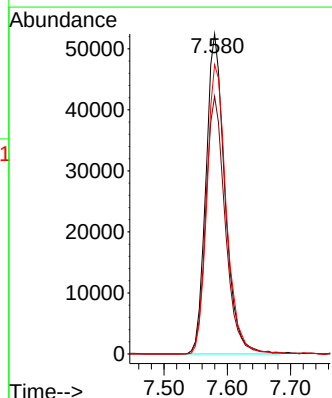
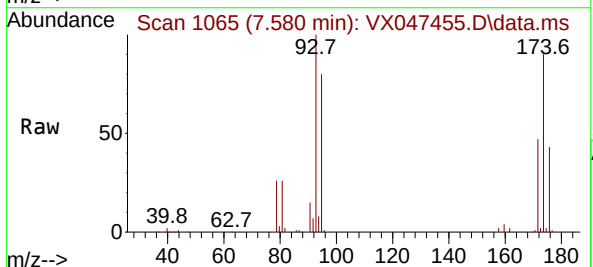
Tgt Ion: 93 Resp: 109389

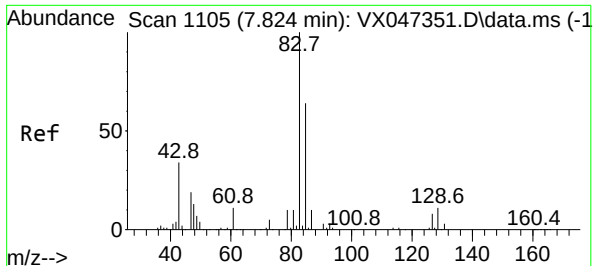
Ion Ratio Lower Upper

93 100

95 82.4 68.0 102.0

174 92.6 75.8 113.6

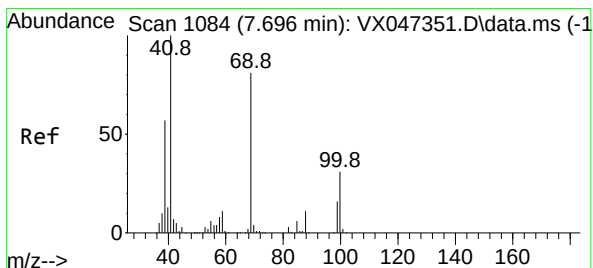
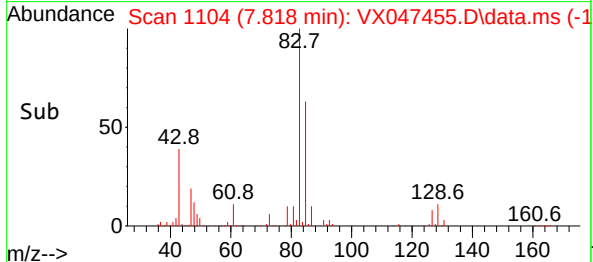
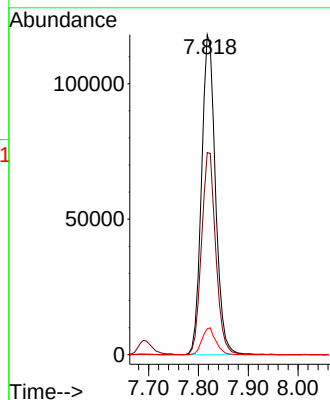
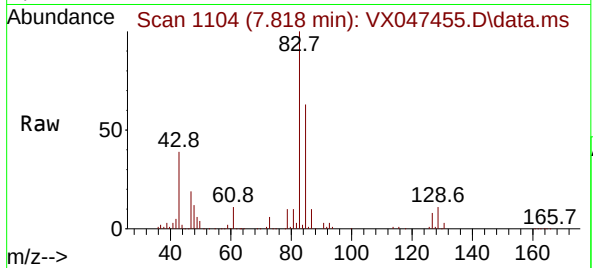




#47
Bromodichloromethane
Concen: 49.826 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

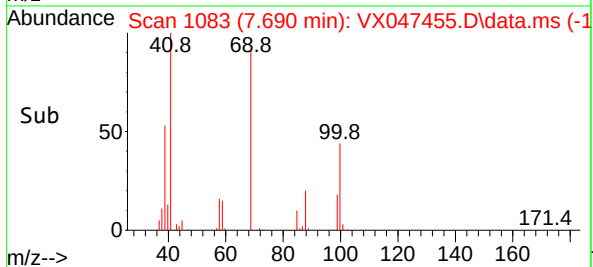
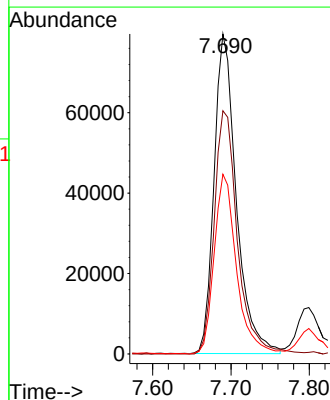
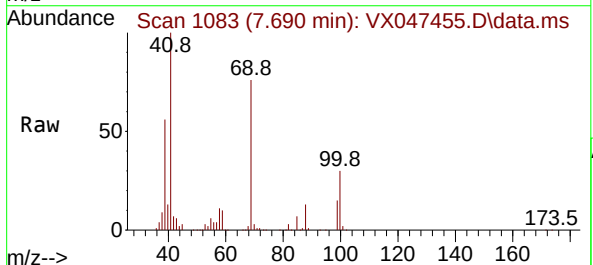
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

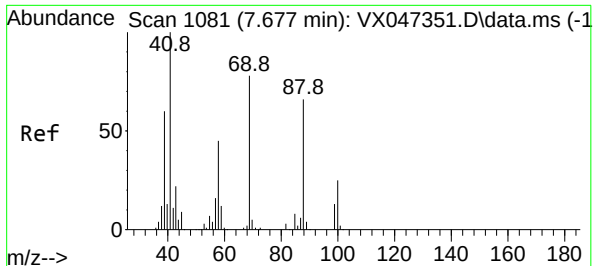
Tgt Ion: 83 Resp: 229317
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.6
127 8.1 7.0 10.4



#48
Methyl methacrylate
Concen: 49.786 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 41 Resp: 157170
Ion Ratio Lower Upper
41 100
69 79.5 65.0 97.4
39 56.5 45.7 68.5





#49

1,4-Dioxane

Concen: 1170.790 ug/l

RT: 7.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

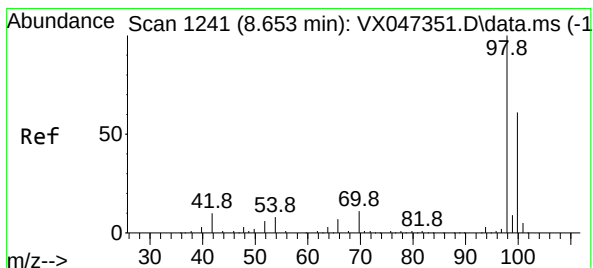
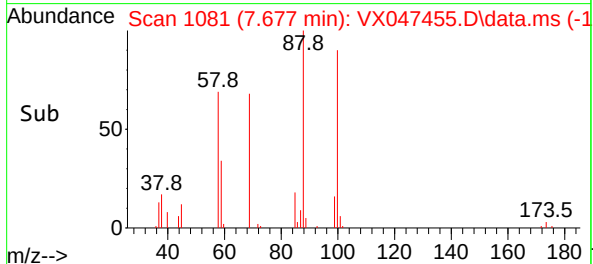
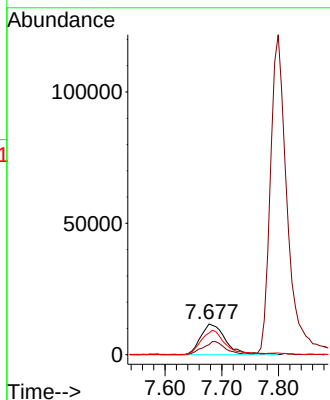
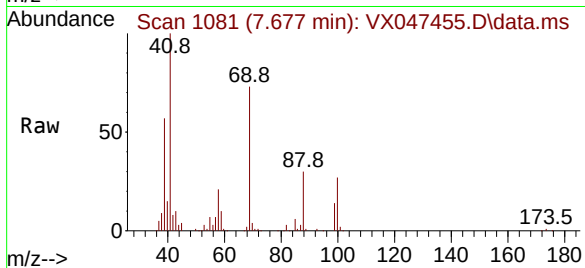
Tgt Ion: 88 Resp: 35931

Ion Ratio Lower Upper

88 100

43 37.7 32.4 48.6

58 75.2 56.9 85.3



#50

Toluene-d8

Concen: 47.654 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047455.D

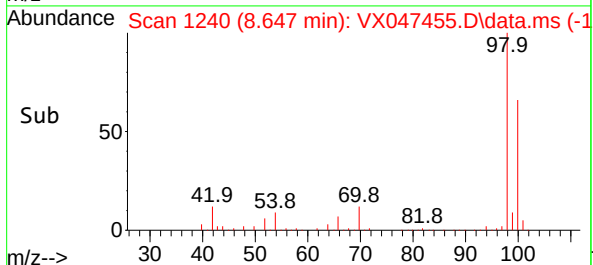
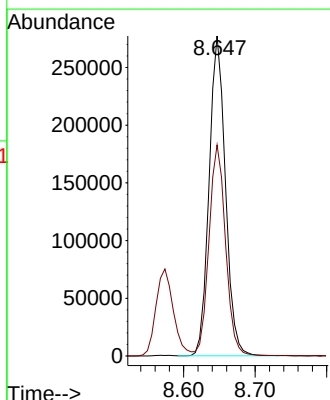
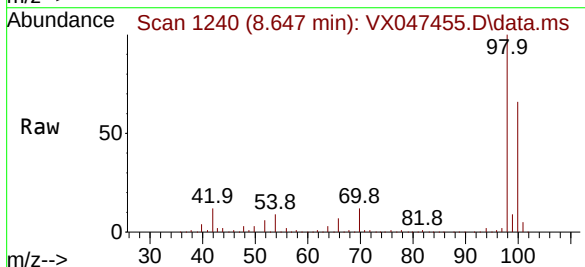
Acq: 21 Aug 2025 09:35

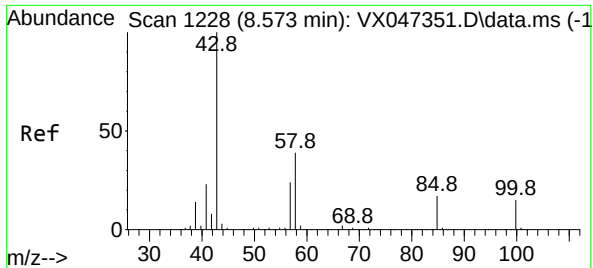
Tgt Ion: 98 Resp: 440017

Ion Ratio Lower Upper

98 100

100 66.7 53.9 80.9





#51

4-Methyl-2-Pentanone

Concen: 245.555 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

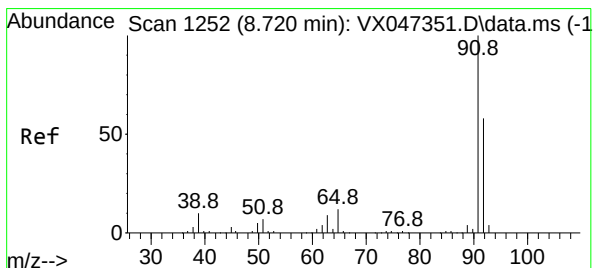
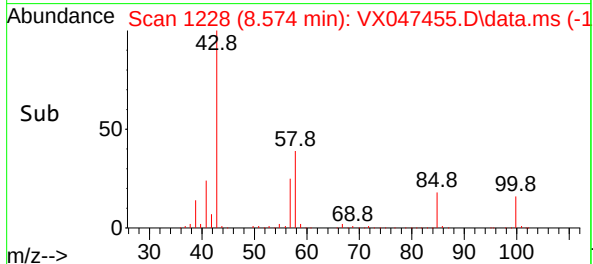
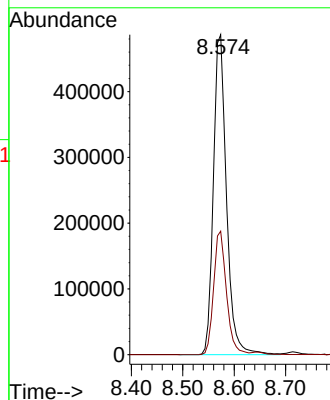
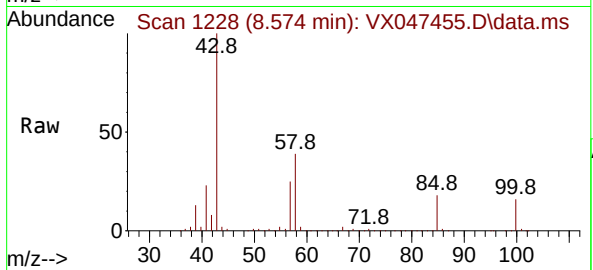
VSTDCCC050

Tgt Ion: 43 Resp: 859427

Ion Ratio Lower Upper

43 100

58 37.9 31.2 46.8



#52

Toluene

Concen: 48.722 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX047455.D

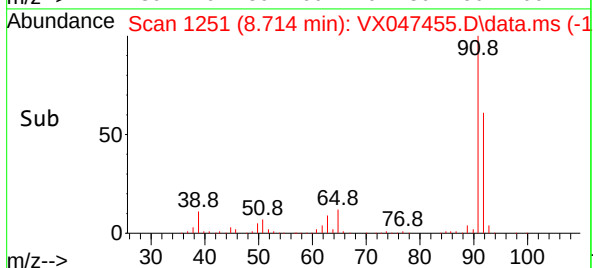
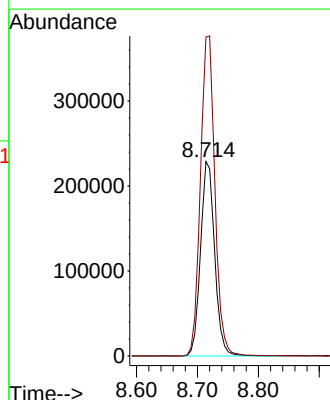
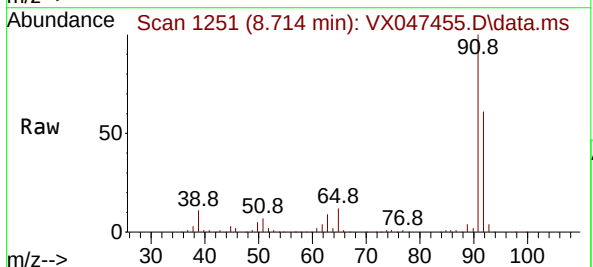
Acq: 21 Aug 2025 09:35

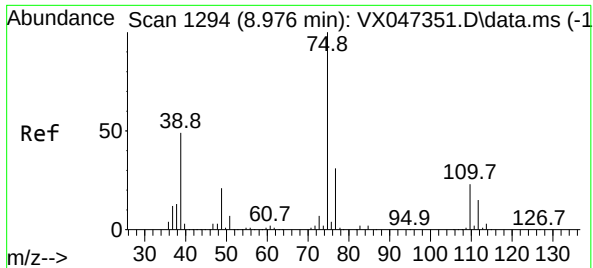
Tgt Ion: 92 Resp: 367491

Ion Ratio Lower Upper

92 100

91 169.0 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 52.915 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

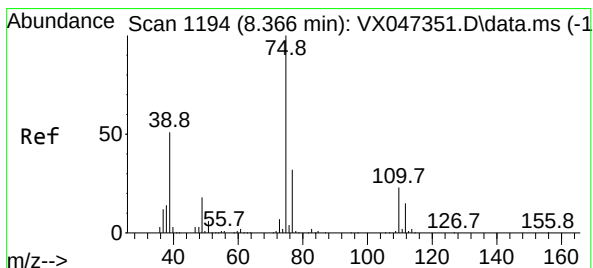
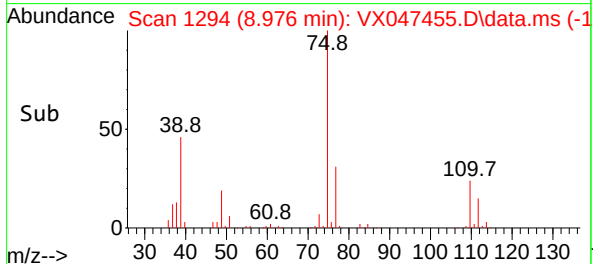
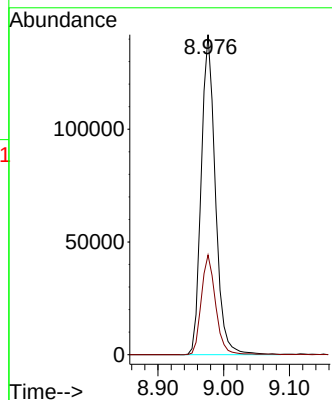
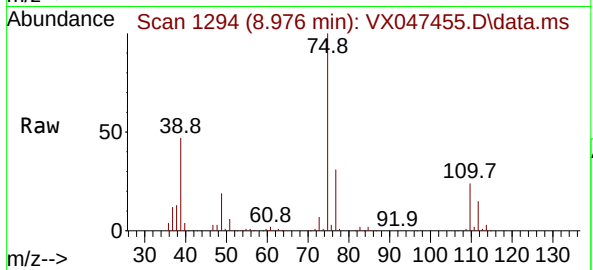
VSTDCCC050

Tgt Ion: 75 Resp: 212547

Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 51.476 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

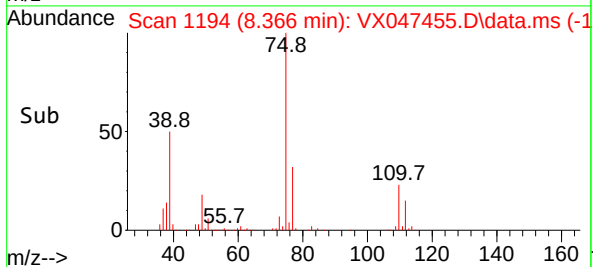
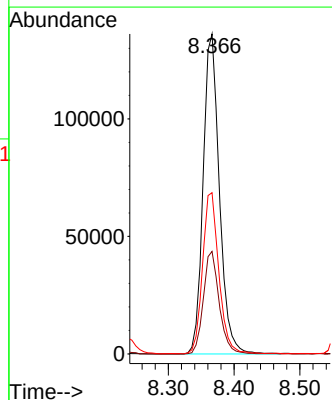
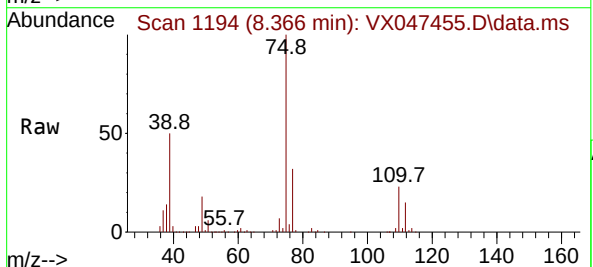
Tgt Ion: 75 Resp: 234037

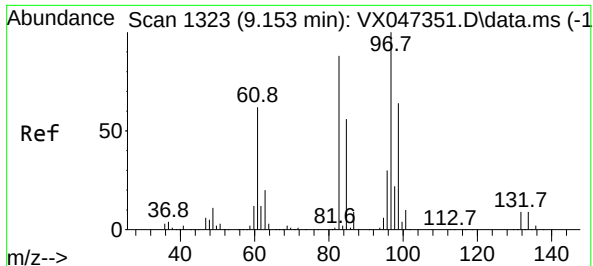
Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

39 49.7 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 49.445 ug/l

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 141600

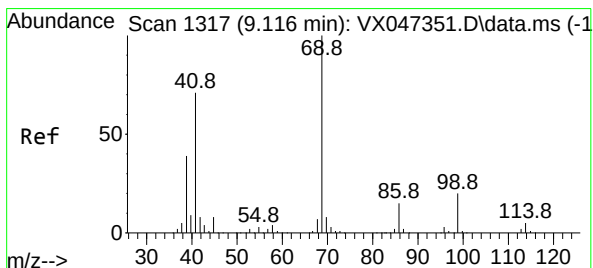
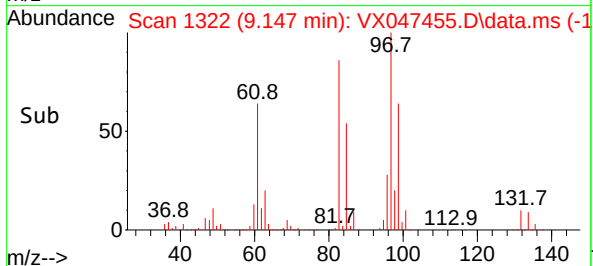
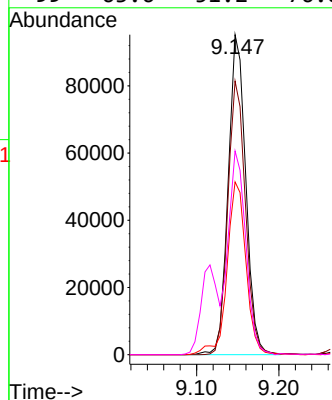
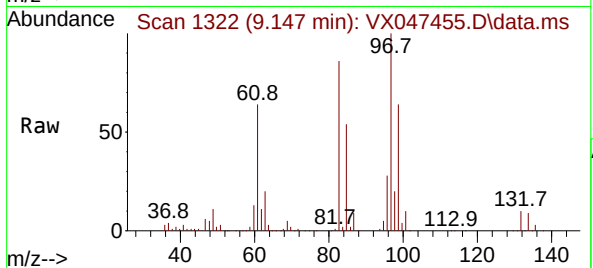
Ion Ratio Lower Upper

97 100

83 85.5 70.6 106.0

85 54.0 44.7 67.1

99 63.6 51.2 76.8



#56

Ethyl methacrylate

Concen: 50.841 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

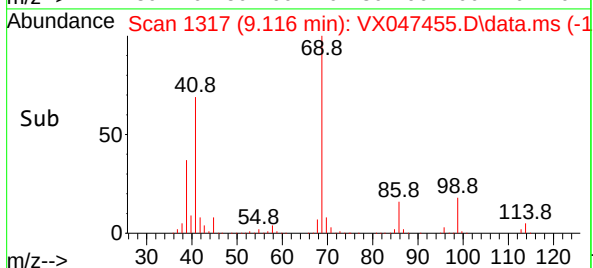
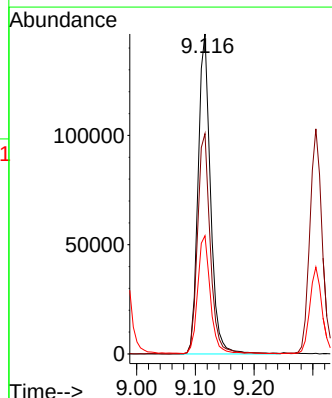
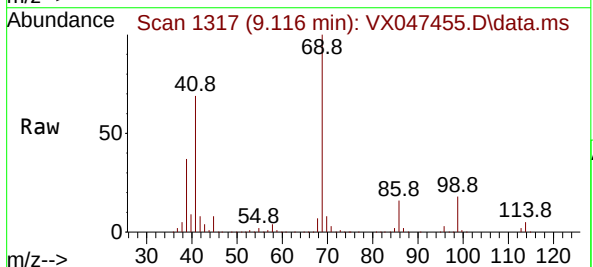
Tgt Ion: 69 Resp: 214659

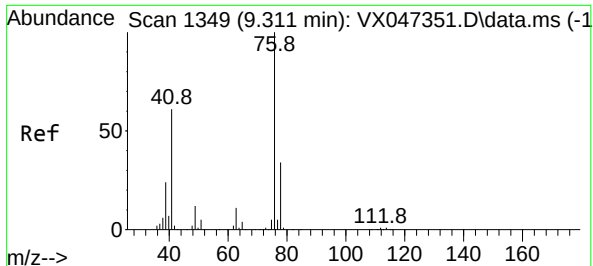
Ion Ratio Lower Upper

69 100

41 70.8 55.3 82.9

39 37.3 30.2 45.2





#57

1,3-Dichloropropane

Concen: 50.324 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

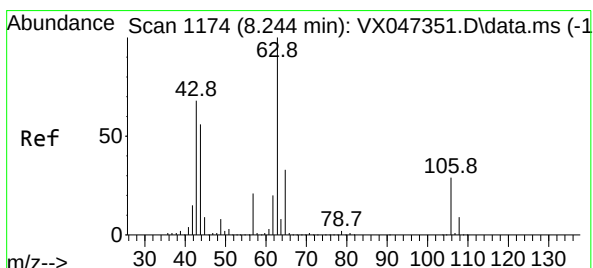
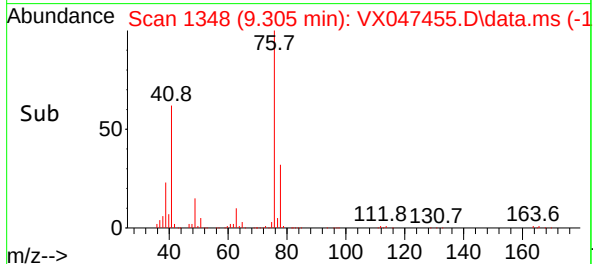
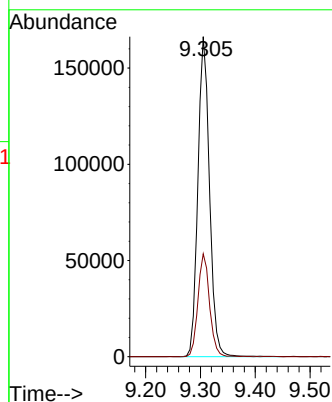
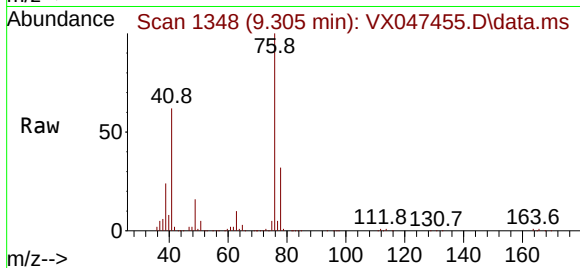
VSTDCCC050

Tgt Ion: 76 Resp: 245575

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 246.162 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047455.D

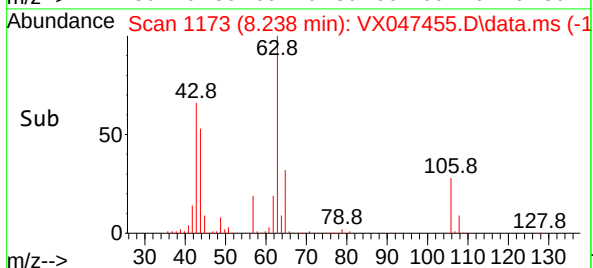
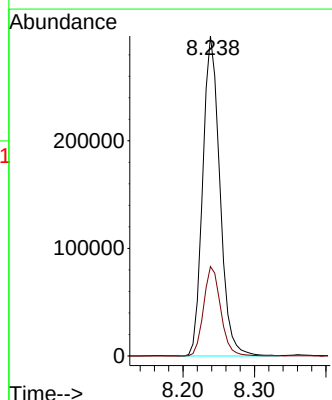
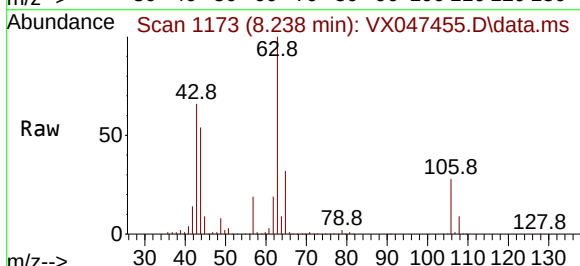
Acq: 21 Aug 2025 09:35

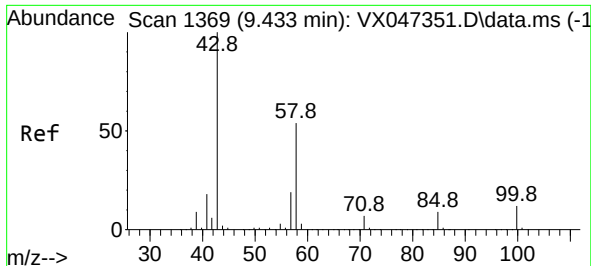
Tgt Ion: 63 Resp: 496030

Ion Ratio Lower Upper

63 100

106 27.8 22.8 34.2





#59

2-Hexanone

Concen: 243.199 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

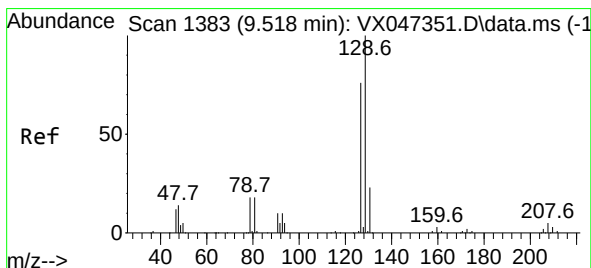
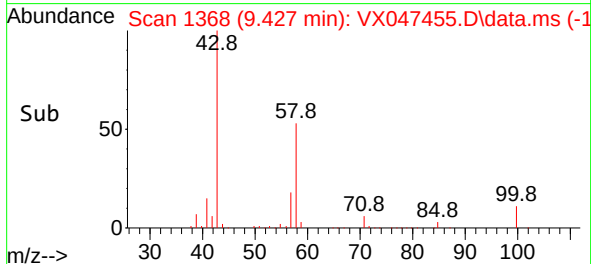
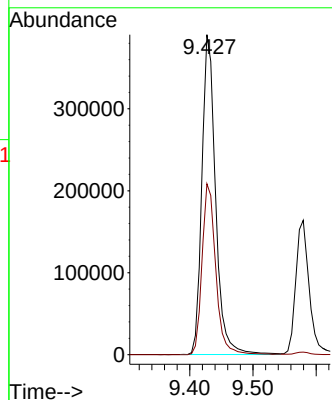
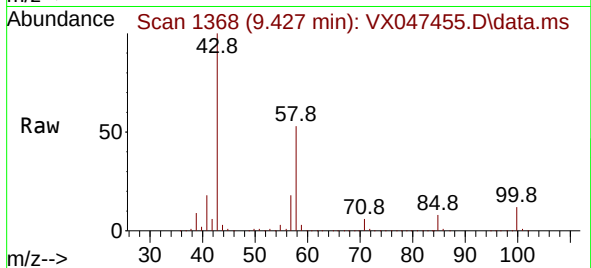
VSTDCCC050

Tgt Ion: 43 Resp: 588782

Ion Ratio Lower Upper

43 100

58 53.5 26.9 80.7



#60

Dibromochloromethane

Concen: 49.925 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047455.D

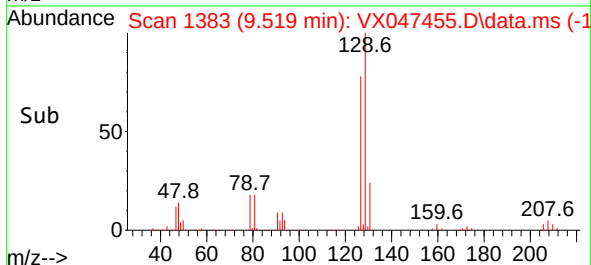
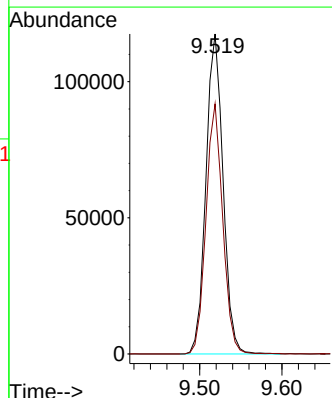
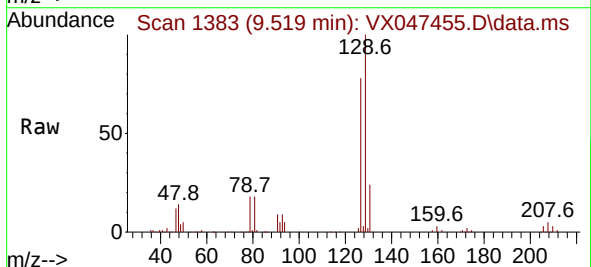
Acq: 21 Aug 2025 09:35

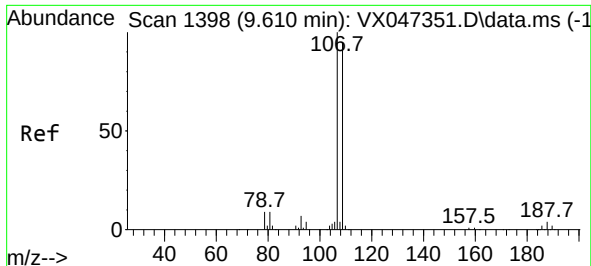
Tgt Ion:129 Resp: 169913

Ion Ratio Lower Upper

129 100

127 76.7 38.9 116.6

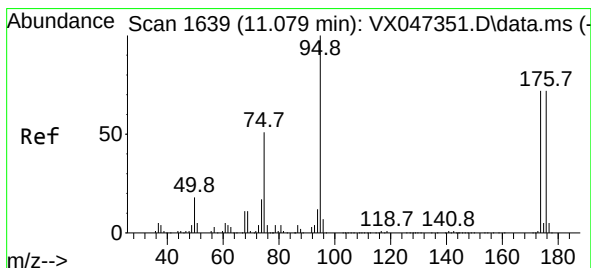
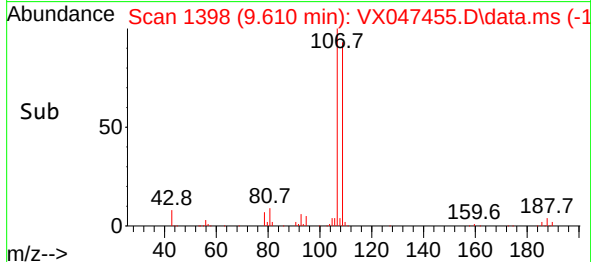
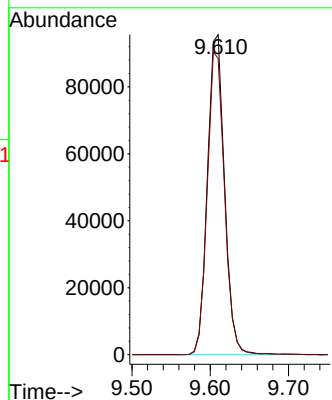
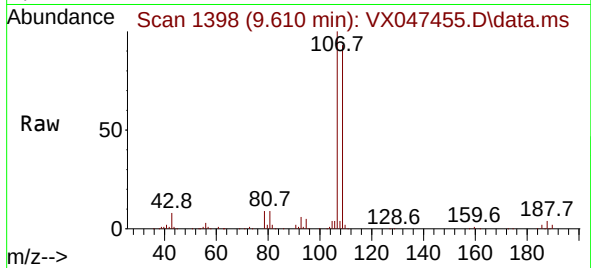




#61
1,2-Dibromoethane
Concen: 48.974 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

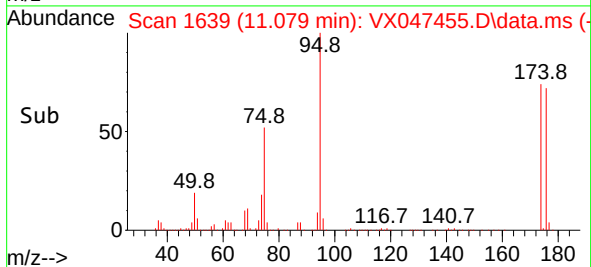
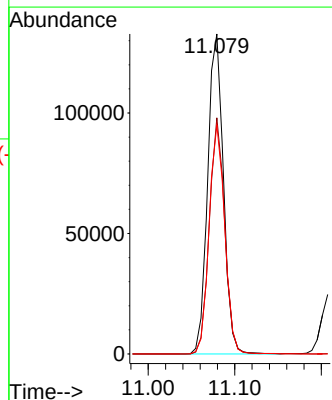
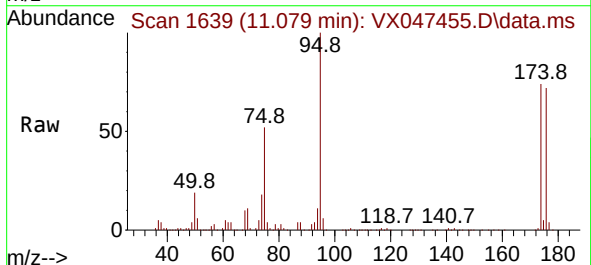
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

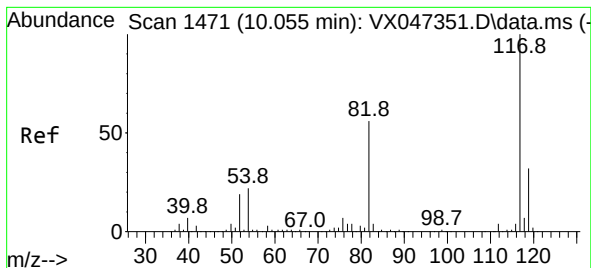
Tgt Ion:107 Resp: 144626
Ion Ratio Lower Upper
107 100
109 95.3 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 49.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 95 Resp: 167385
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.0
176 71.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

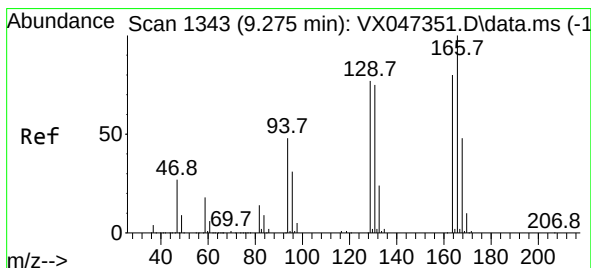
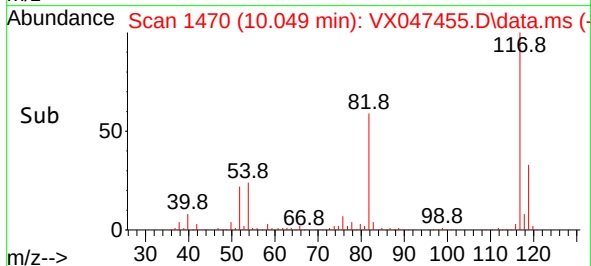
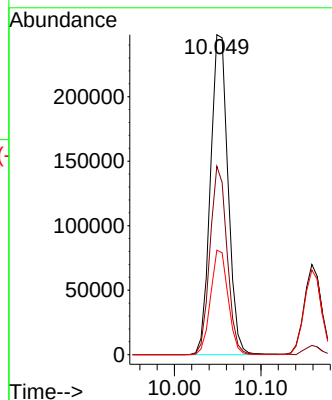
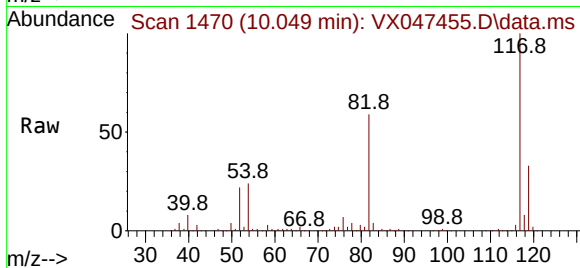
Tgt Ion:117 Resp: 349454

Ion Ratio Lower Upper

117 100

82 58.9 45.0 67.4

119 32.6 25.8 38.8



#64

Tetrachloroethene

Concen: 46.965 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Tgt Ion:164 Resp: 118711

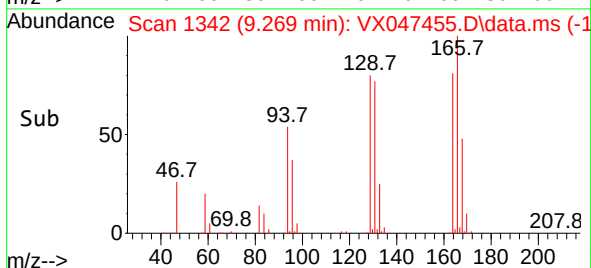
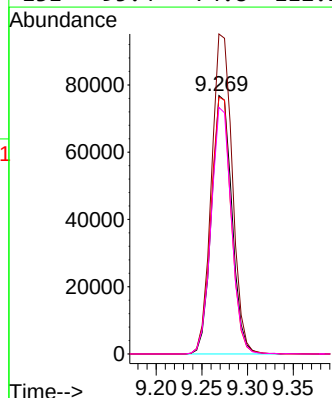
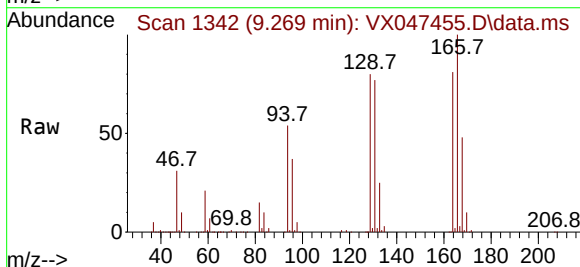
Ion Ratio Lower Upper

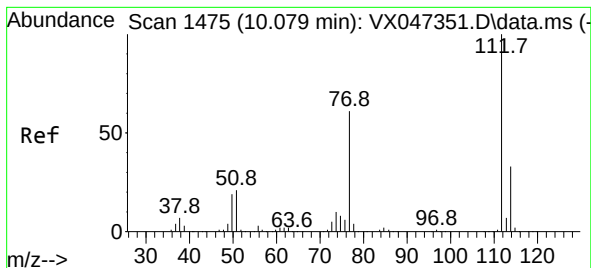
164 100

166 123.8 100.3 150.5

129 99.5 77.7 116.5

131 95.4 74.8 112.2





#65

Chlorobenzene

Concen: 48.764 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

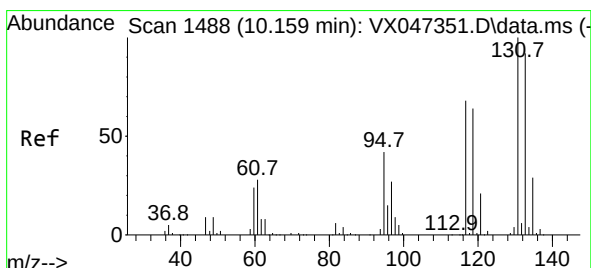
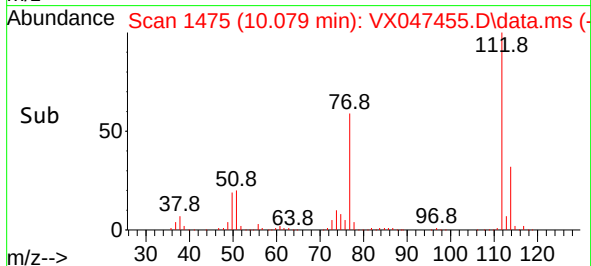
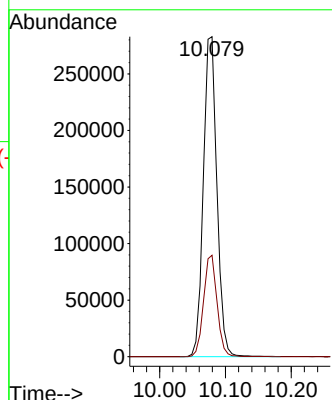
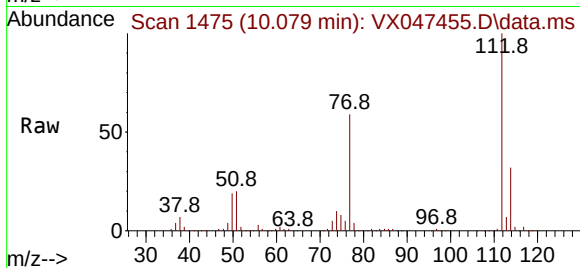
VSTDCCC050

Tgt Ion:112 Resp: 404956

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.425 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

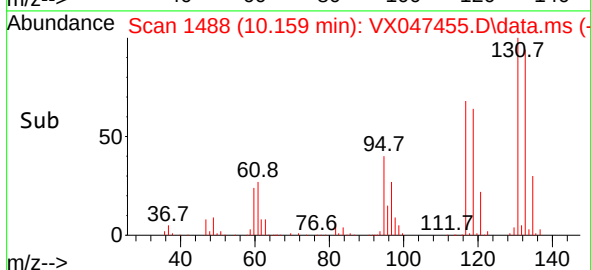
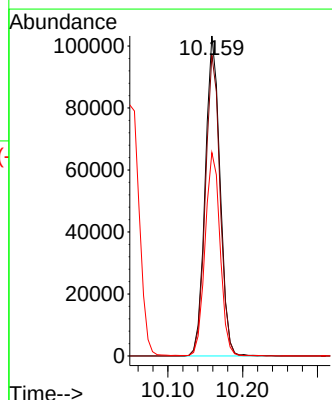
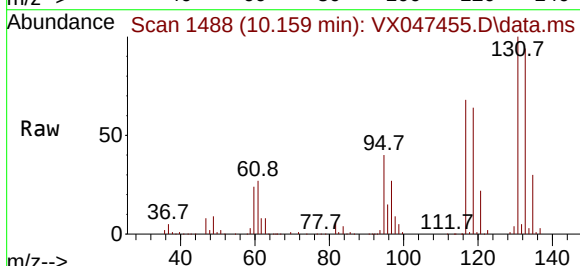
Tgt Ion:131 Resp: 141556

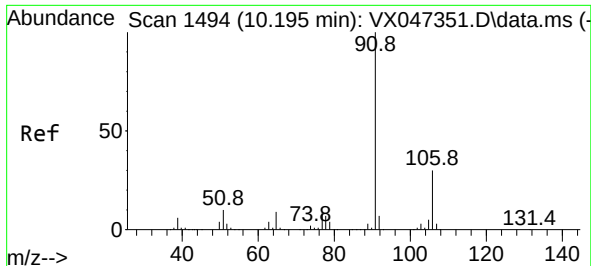
Ion Ratio Lower Upper

131 100

133 93.4 47.6 142.9

119 64.0 32.3 96.8





#67

Ethyl Benzene

Concen: 49.089 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

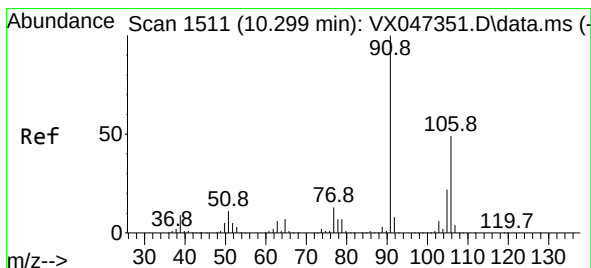
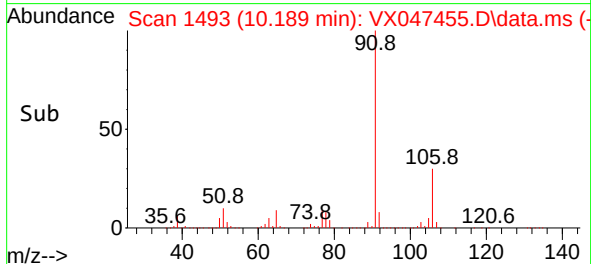
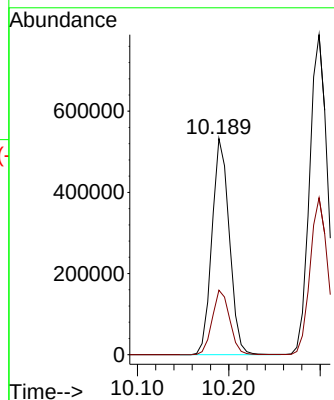
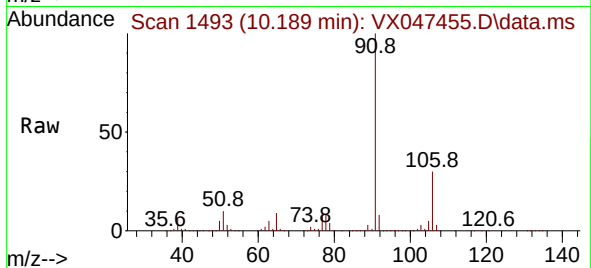
VSTDCCC050

Tgt Ion: 91 Resp: 701634

Ion Ratio Lower Upper

91 100

106 29.8 24.4 36.6



#68

m/p-Xylenes

Concen: 98.164 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047455.D

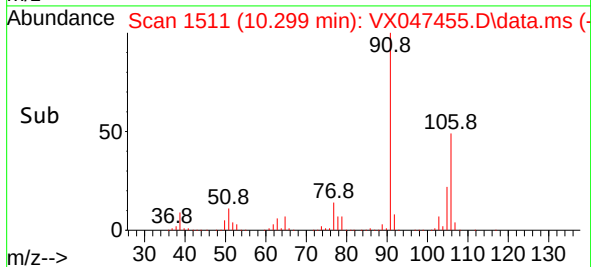
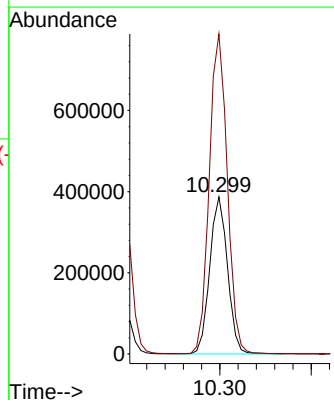
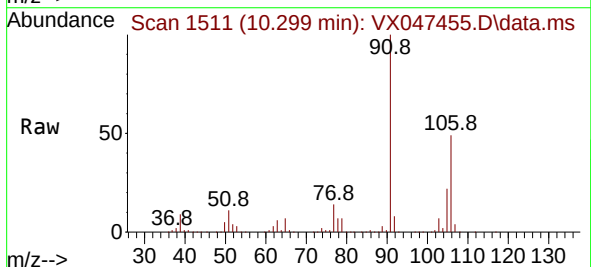
Acq: 21 Aug 2025 09:35

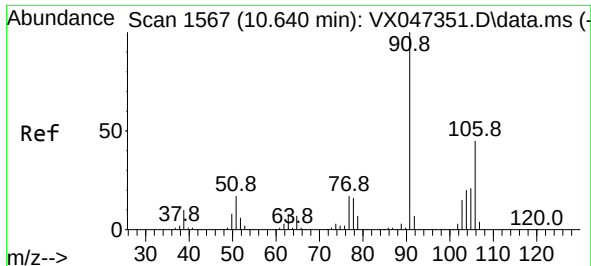
Tgt Ion: 106 Resp: 523170

Ion Ratio Lower Upper

106 100

91 206.9 164.7 247.1

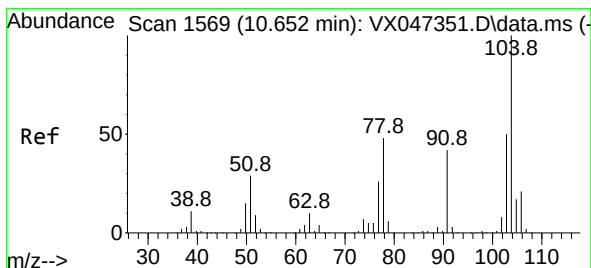
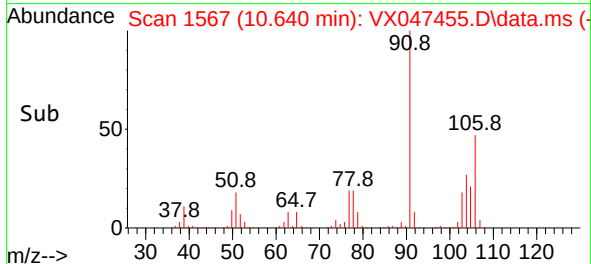
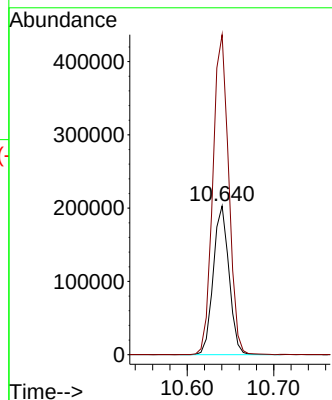
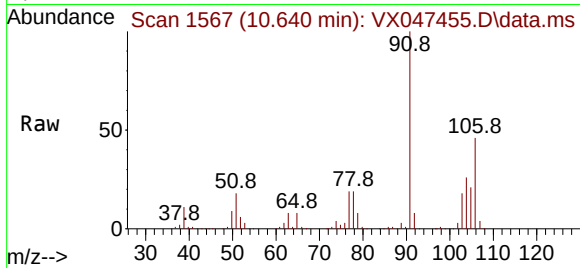




#69
o-Xylene
Concen: 49.886 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

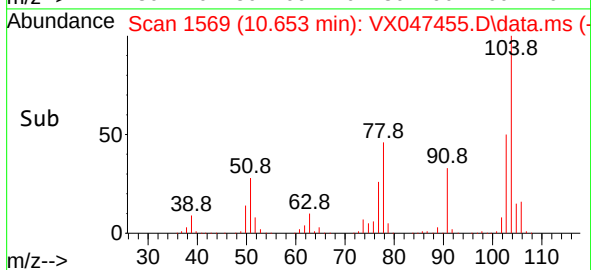
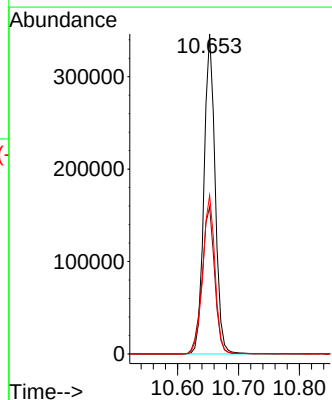
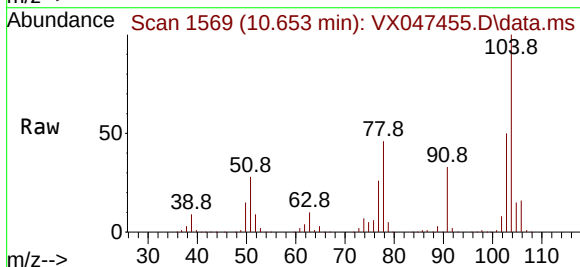
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

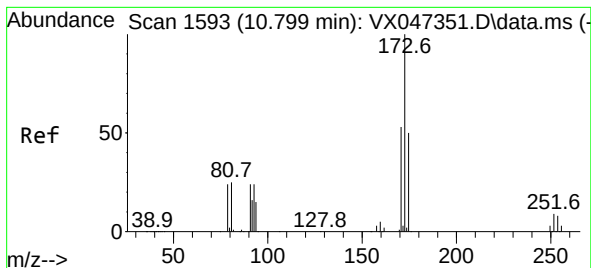
Tgt Ion:106 Resp: 255854
Ion Ratio Lower Upper
106 100
91 217.7 110.6 331.8



#70
Styrene
Concen: 50.924 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion:104 Resp: 441303
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 54.2 43.6 65.4





#71

Bromoform

Concen: 50.174 ug/l

RT: 10.793 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

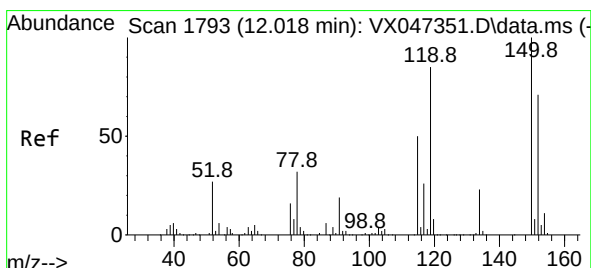
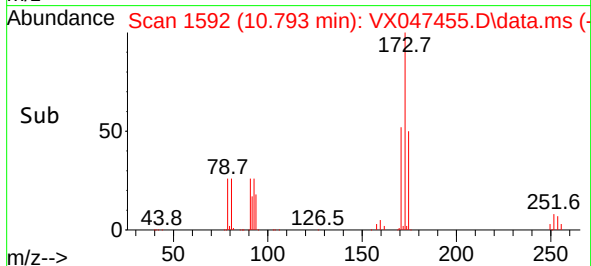
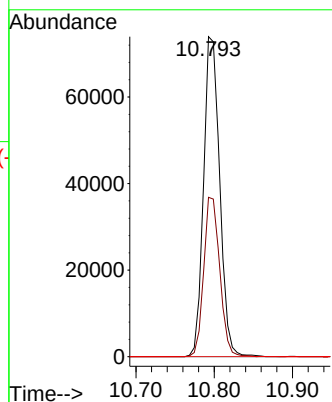
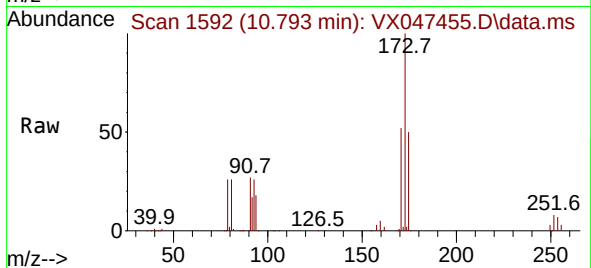
Tgt Ion:173 Resp: 105815

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.4

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: VX047455.D

Acq: 21 Aug 2025 09:35

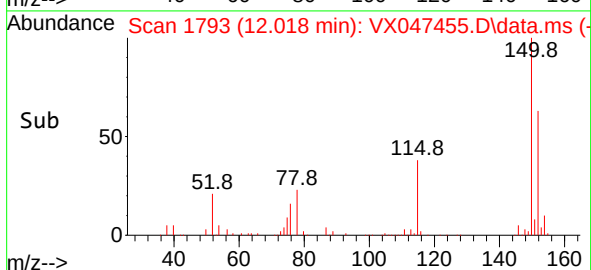
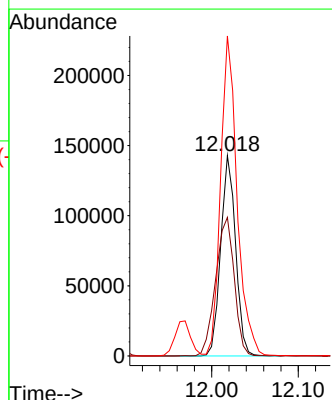
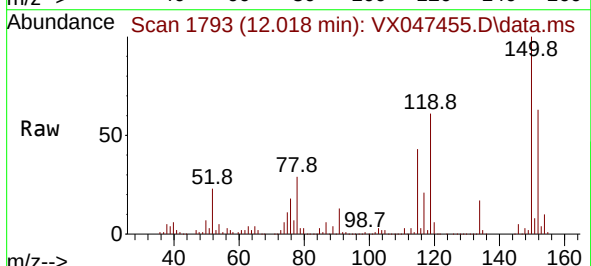
Tgt Ion:152 Resp: 170891

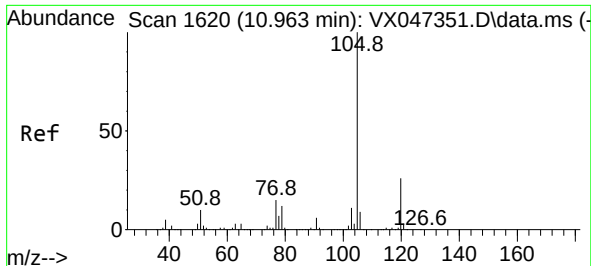
Ion Ratio Lower Upper

152 100

115 86.4 44.6 133.8

150 176.7 0.0 349.8

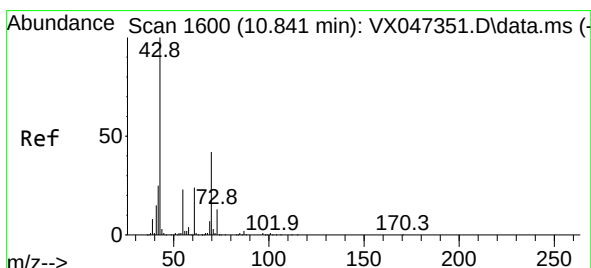
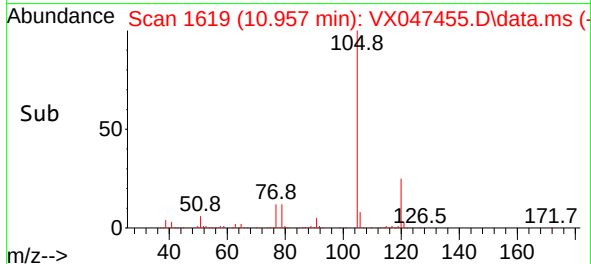
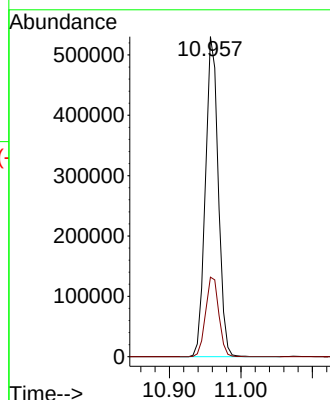
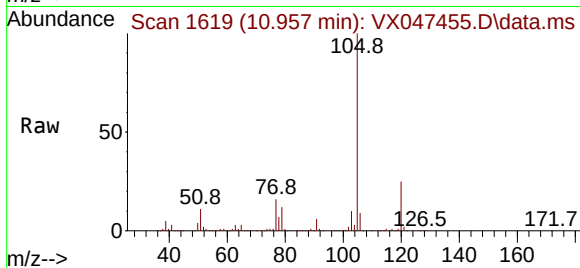




#73
Isopropylbenzene
Concen: 49.550 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

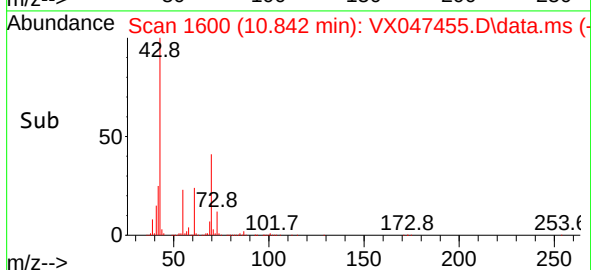
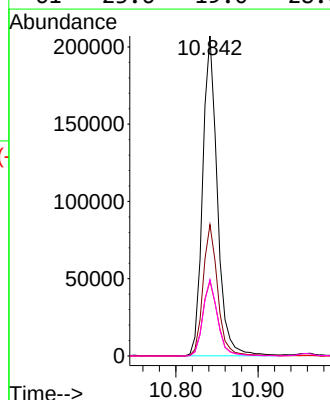
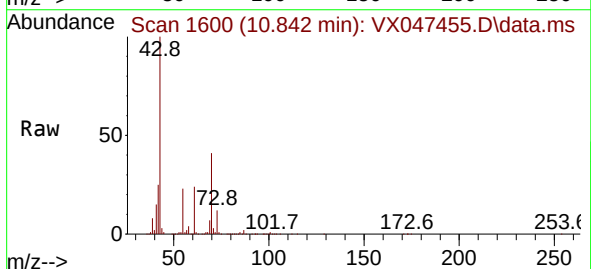
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

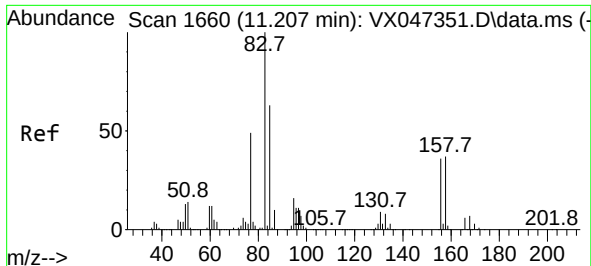
Tgt Ion:105 Resp: 662630
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#74
N-ethyl acetate
Concen: 50.693 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 43 Resp: 257431
Ion Ratio Lower Upper
43 100
70 41.1 33.1 49.7
55 24.1 19.0 28.6
61 23.6 19.0 28.6

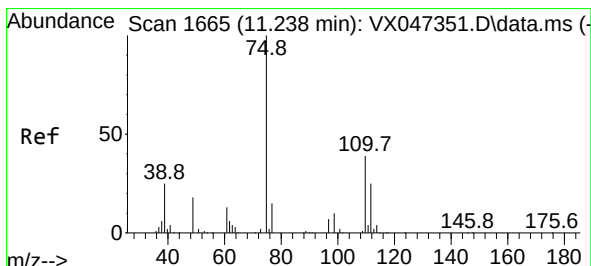
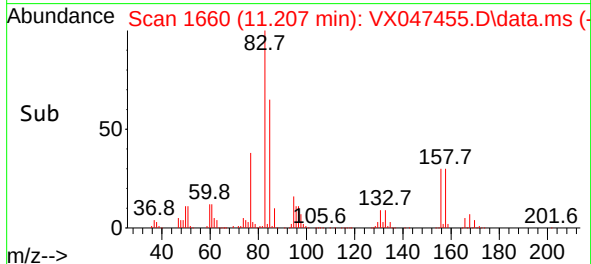
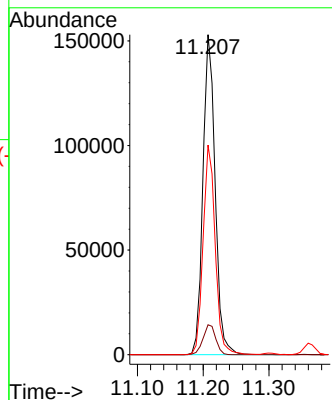
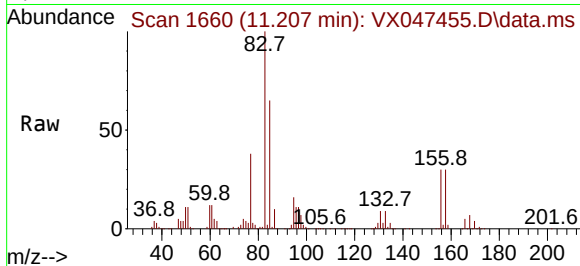




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.246 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

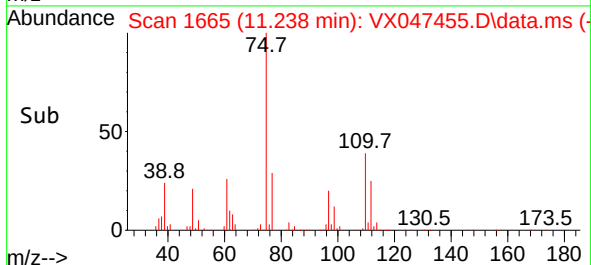
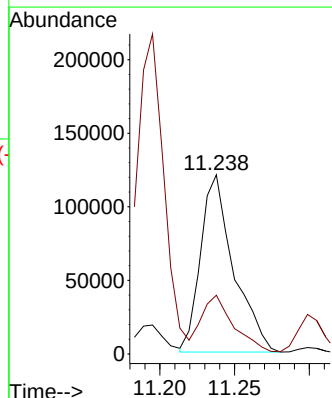
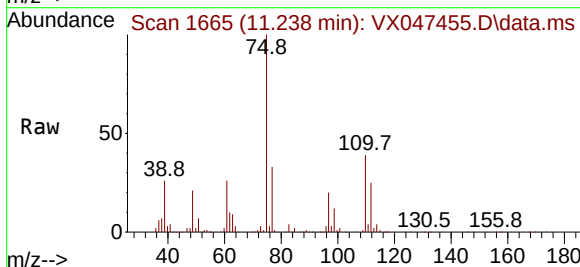
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

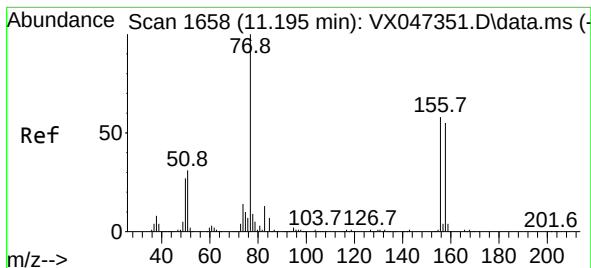
Tgt Ion: 83 Resp: 197287
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 65.0 31.7 95.1



#76
 1,2,3-Trichloropropane
 Concen: 59.171 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

Tgt Ion: 75 Resp: 185460
 Ion Ratio Lower Upper
 75 100
 77 33.3 19.4 58.2





#77

Bromobenzene

Concen: 49.867 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

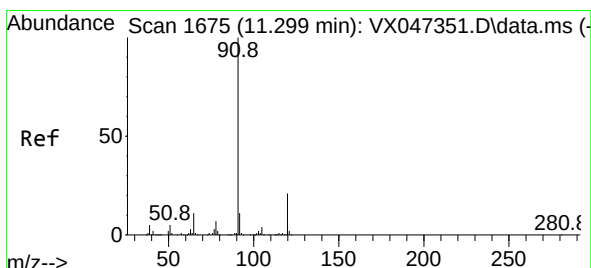
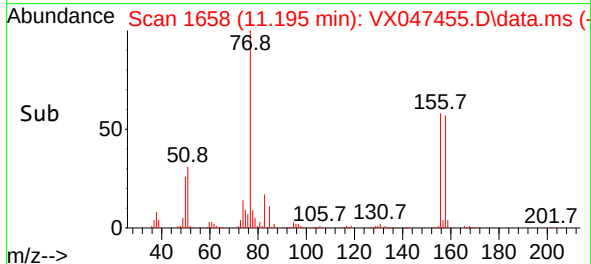
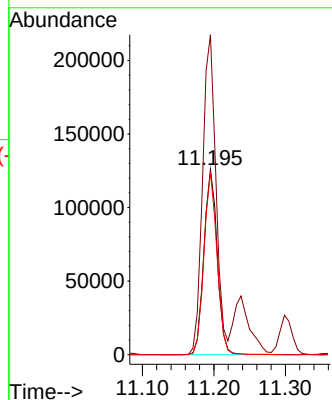
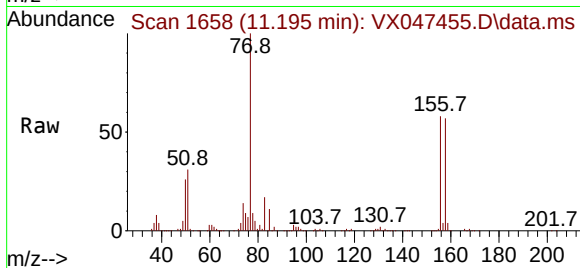
Tgt Ion:156 Resp: 162842

Ion Ratio Lower Upper

156 100

77 173.3 86.3 258.9

158 96.8 48.0 144.2



#78

n-propylbenzene

Concen: 49.201 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX047455.D

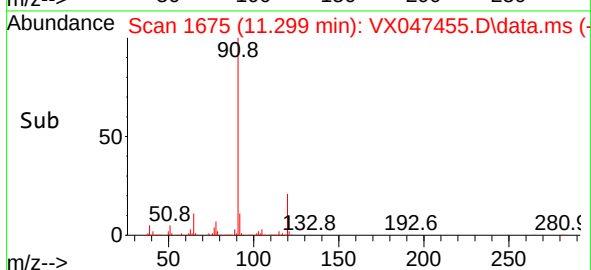
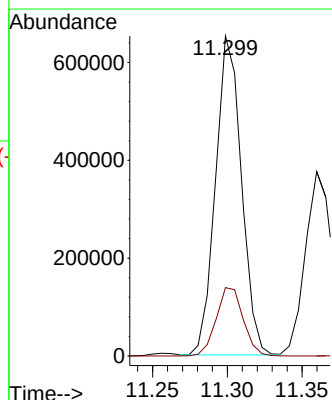
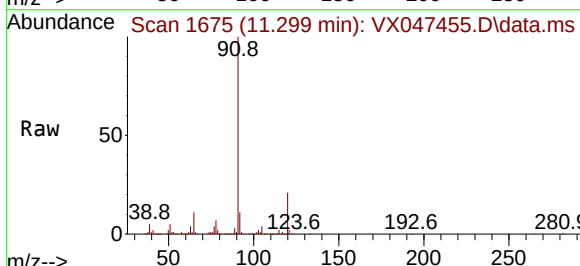
Acq: 21 Aug 2025 09:35

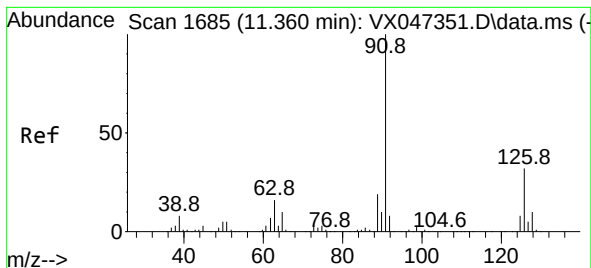
Tgt Ion: 91 Resp: 785818

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 48.677 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

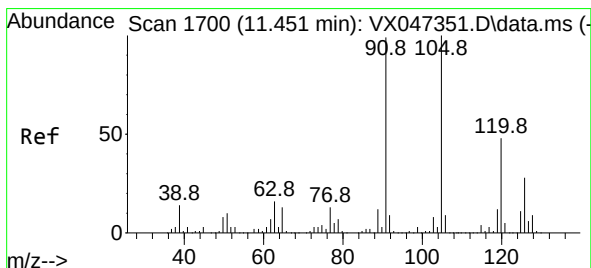
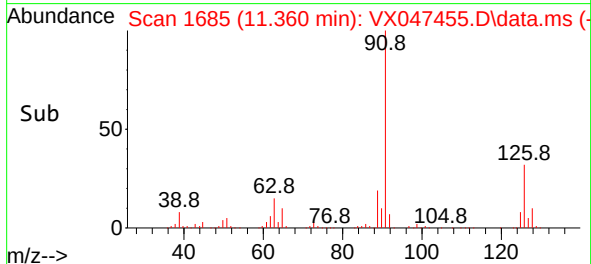
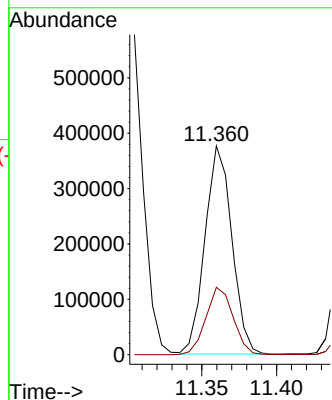
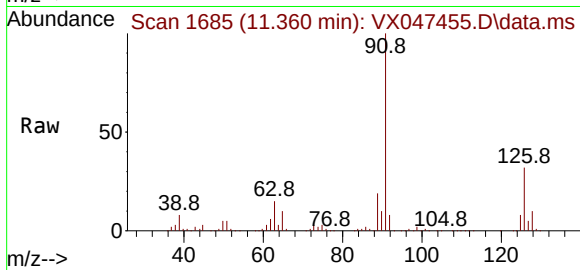
VSTDCCC050

Tgt Ion: 91 Resp: 469970

Ion Ratio Lower Upper

91 100

126 32.8 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 49.398 ug/l

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX047455.D

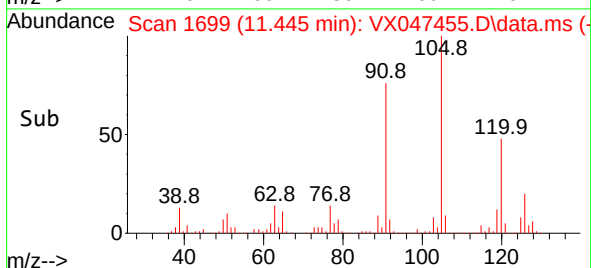
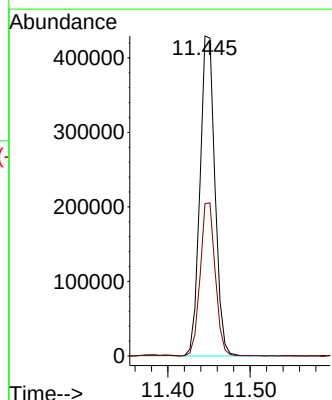
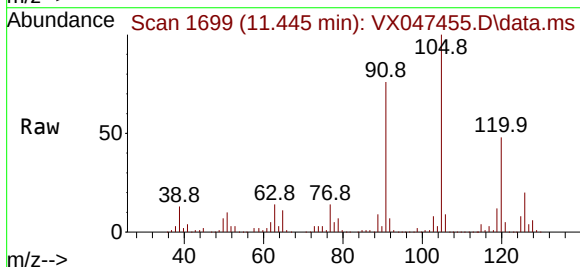
Acq: 21 Aug 2025 09:35

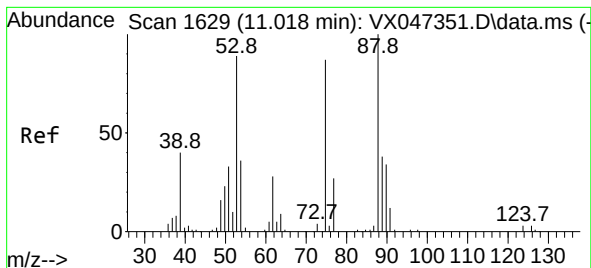
Tgt Ion: 105 Resp: 543536

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7

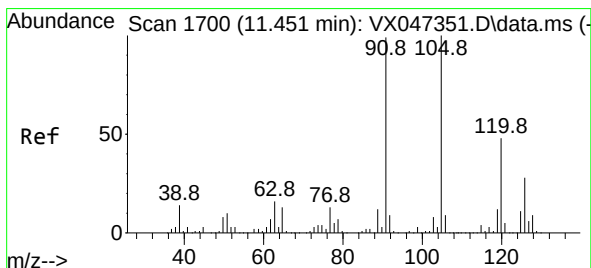
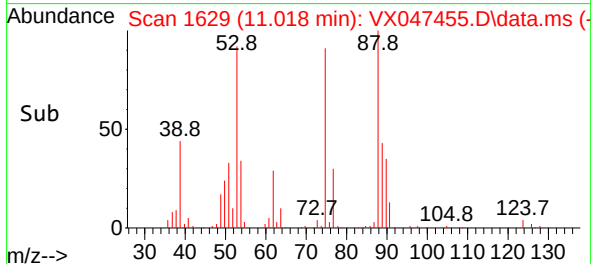
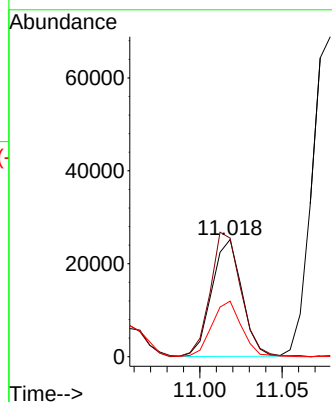
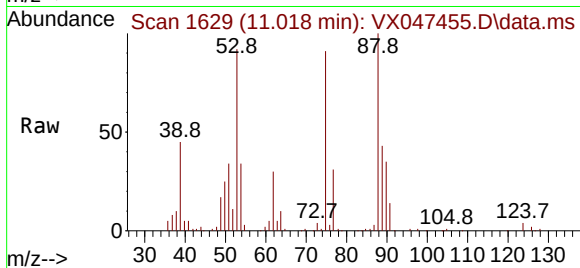




#81
trans-1,4-Dichloro-2-butene
Concen: 45.408 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

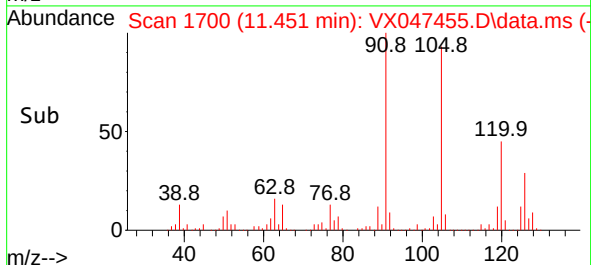
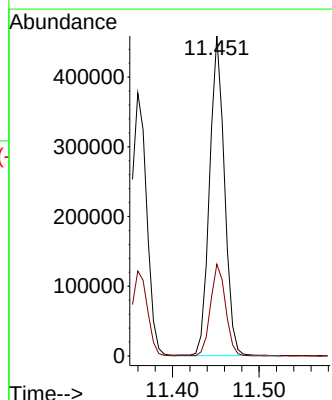
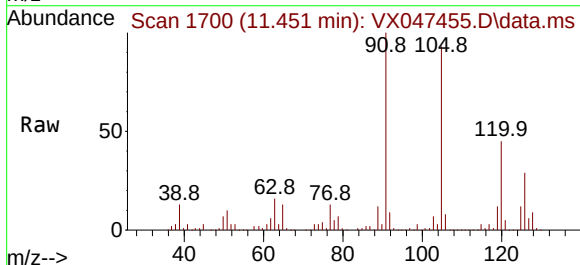
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

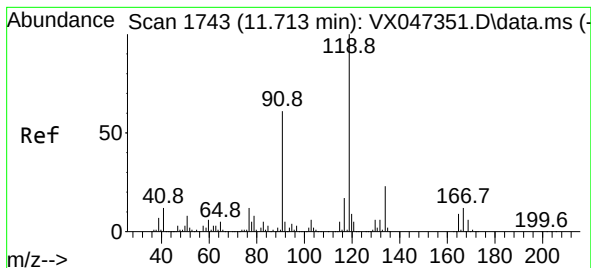
Tgt Ion: 75 Resp: 32124
Ion Ratio Lower Upper
75 100
53 108.3 85.2 127.8
89 46.9 36.7 55.1



#82
4-Chlorotoluene
Concen: 48.067 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 91 Resp: 547058
Ion Ratio Lower Upper
91 100
126 28.9 14.4 43.0





#83

tert-Butylbenzene

Concen: 49.750 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

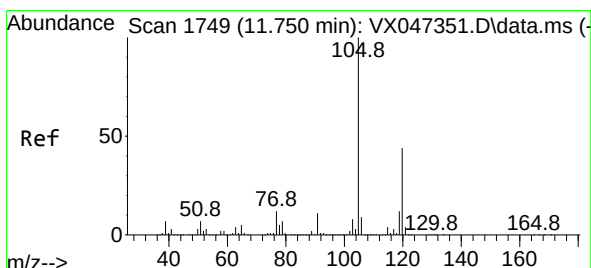
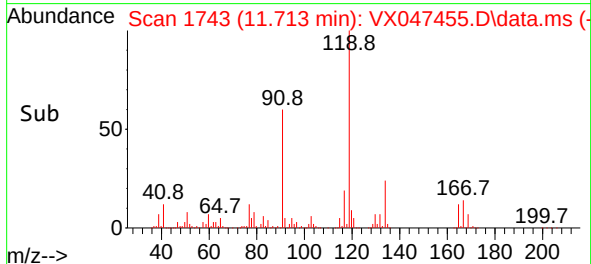
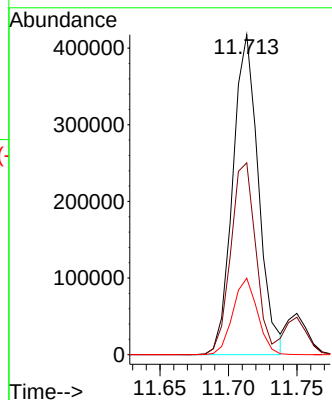
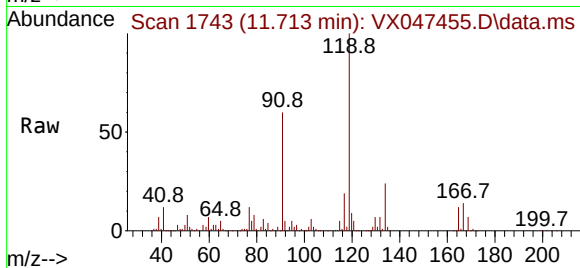
Tgt Ion:119 Resp: 546135

Ion Ratio Lower Upper

119 100

91 58.5 29.1 87.4

134 22.9 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 50.024 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047455.D

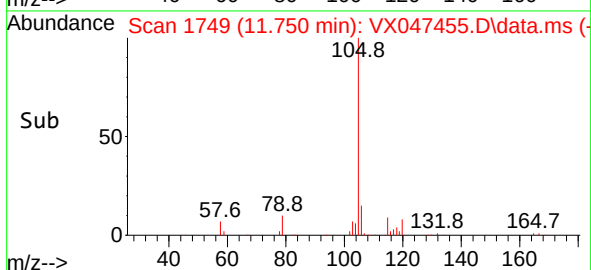
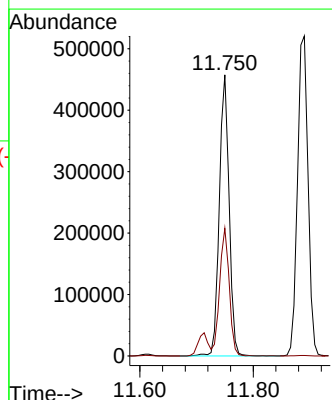
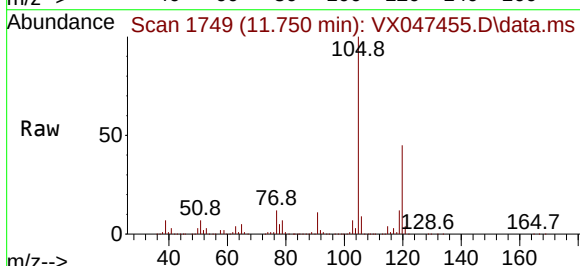
Acq: 21 Aug 2025 09:35

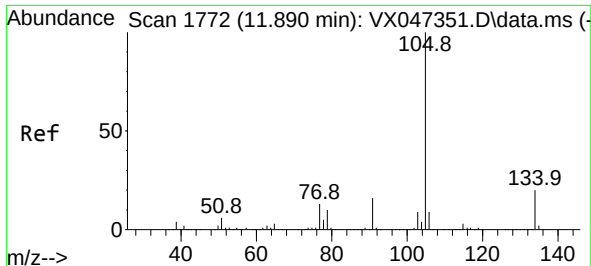
Tgt Ion:105 Resp: 550436

Ion Ratio Lower Upper

105 100

120 44.6 21.9 65.7

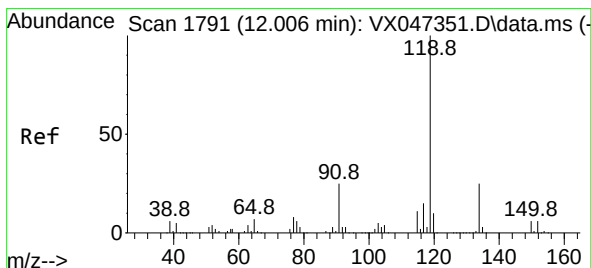
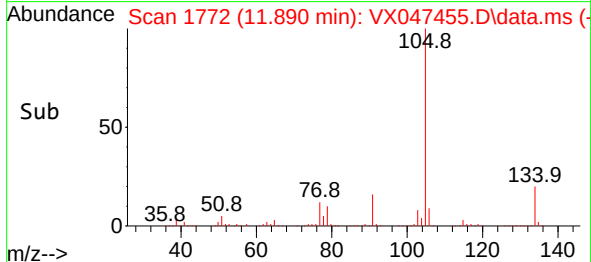
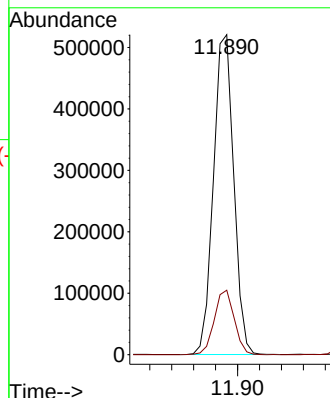
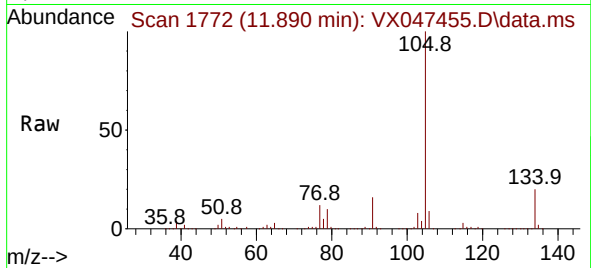




#85
 sec-Butylbenzene
 Concen: 49.218 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

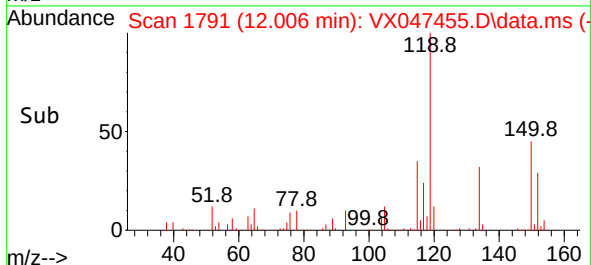
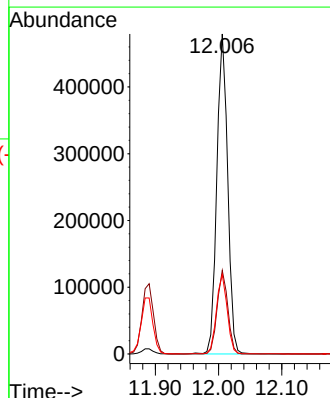
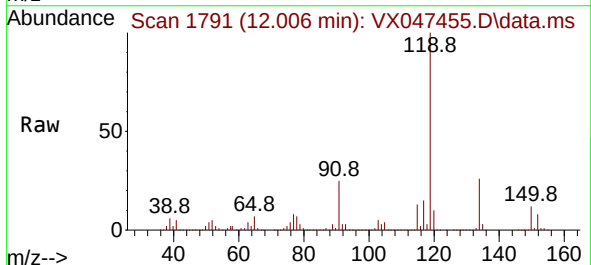
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

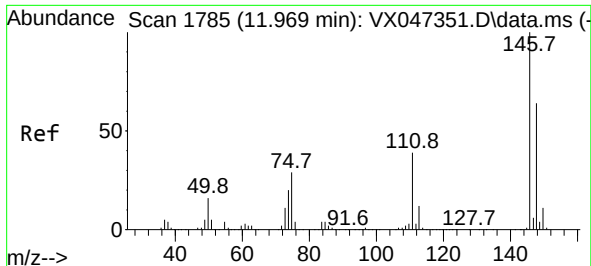
Tgt Ion:105 Resp: 669670
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 49.393 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

Tgt Ion:119 Resp: 568699
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.855 ug/l

RT: 11.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

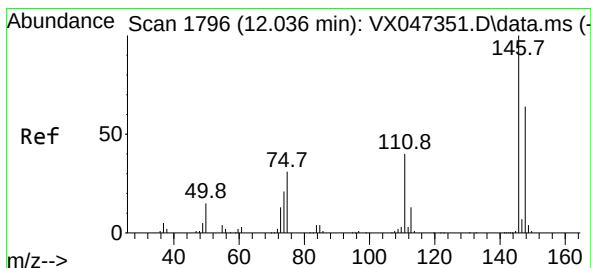
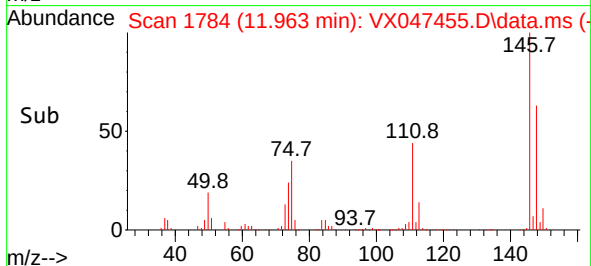
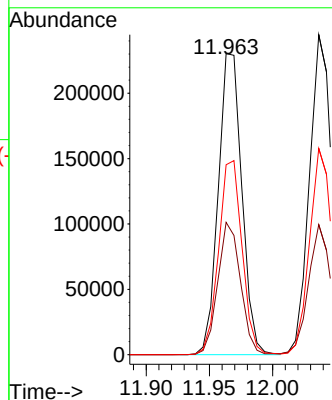
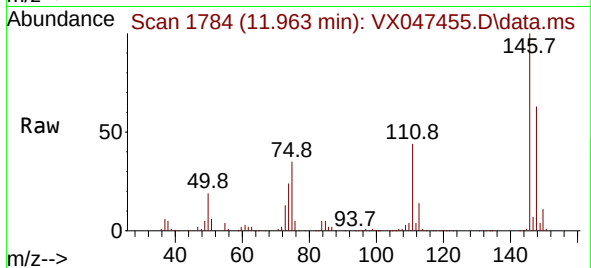
Tgt Ion:146 Resp: 298542

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.8

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.505 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

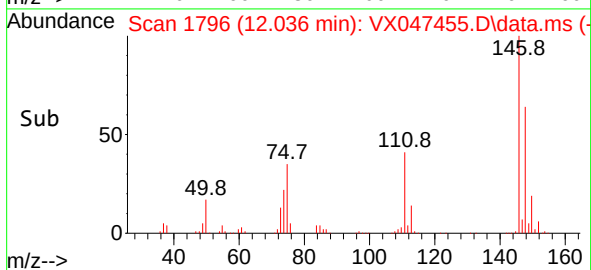
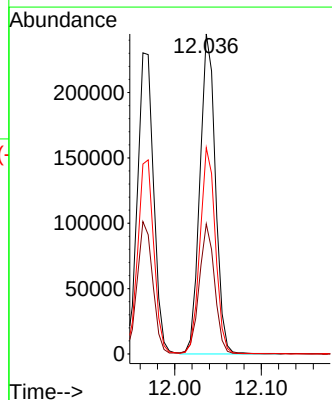
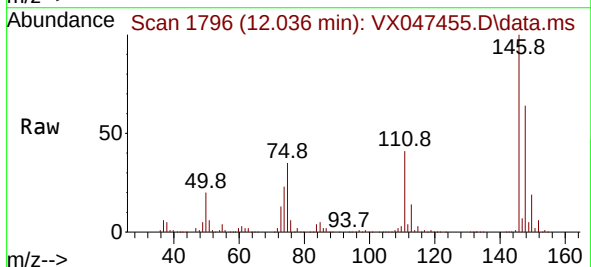
Tgt Ion:146 Resp: 304807

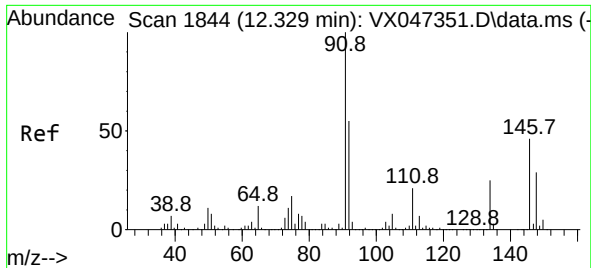
Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.2

148 64.0 31.7 95.1

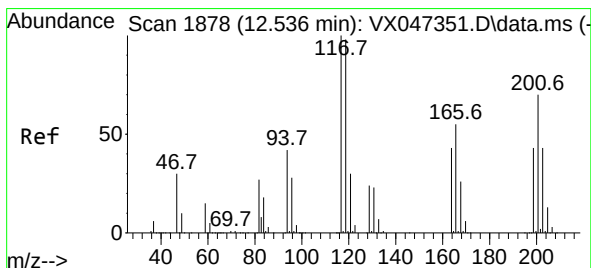
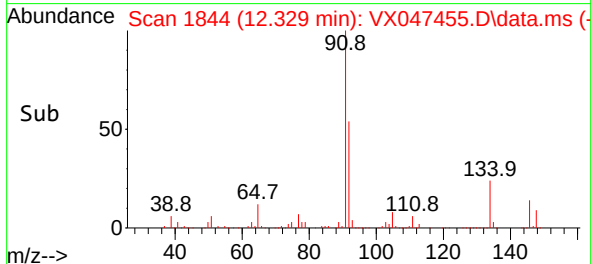
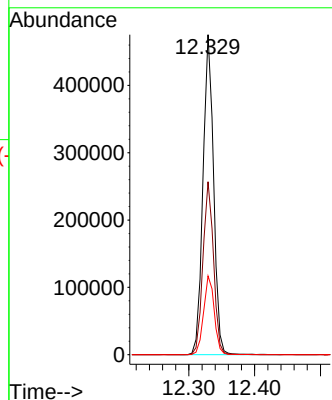
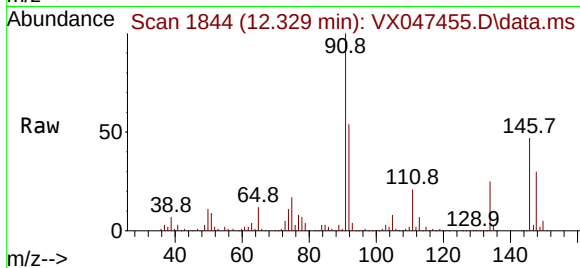




#89
n-Butylbenzene
Concen: 49.796 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

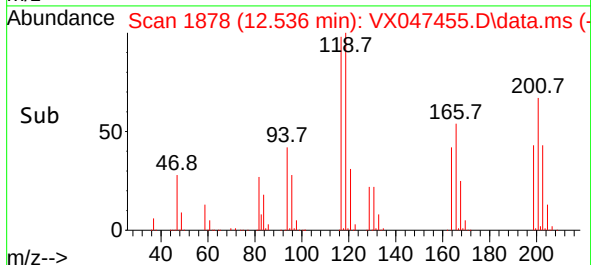
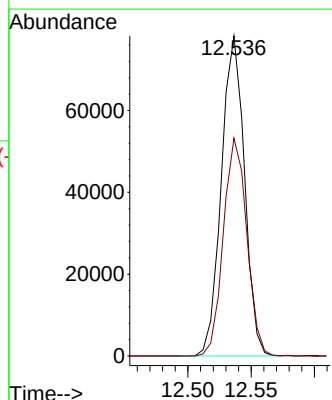
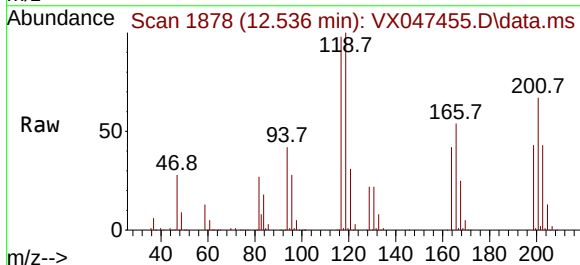
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

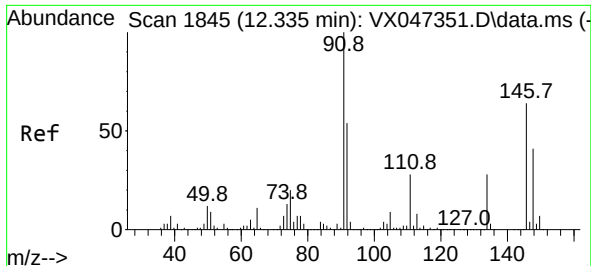
Tgt Ion: 91 Resp: 533265
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.5
134 24.8 12.6 37.8



#90
Hexachloroethane
Concen: 49.100 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047455.D
Acq: 21 Aug 2025 09:35

Tgt Ion: 117 Resp: 99175
Ion Ratio Lower Upper
117 100
201 69.1 35.1 105.3

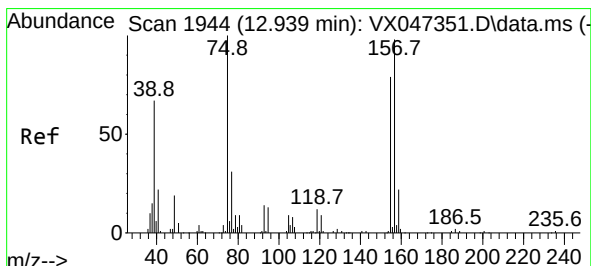
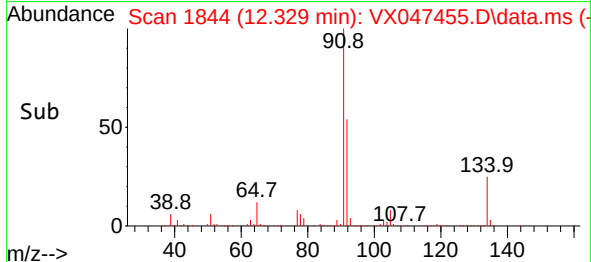
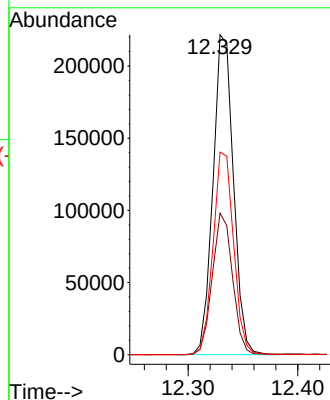
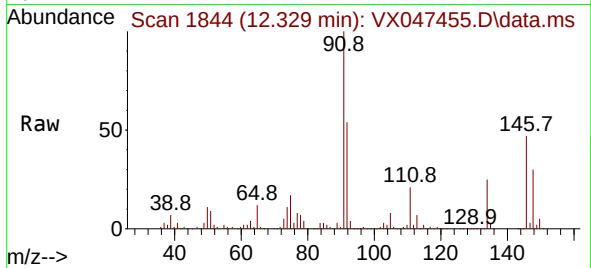




#91
 1,2-Dichlorobenzene
 Concen: 48.655 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

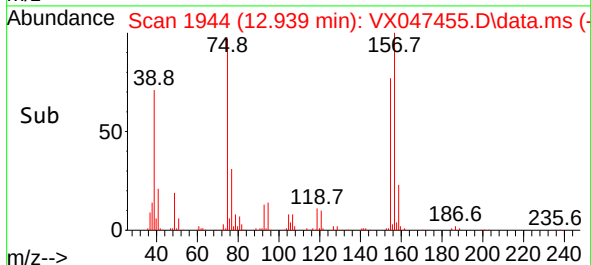
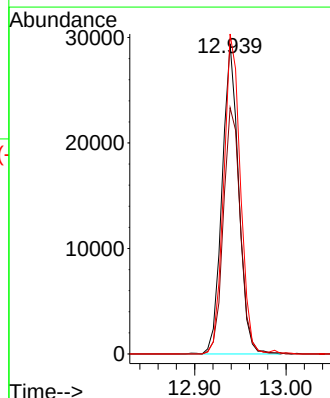
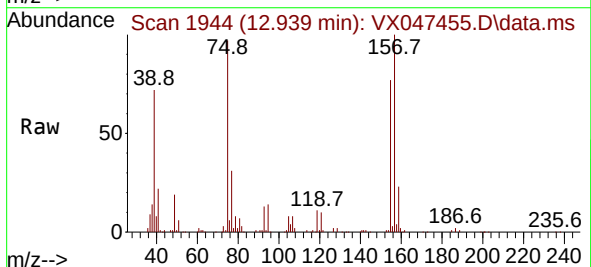
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

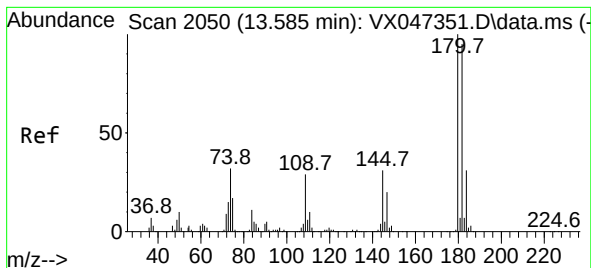
Tgt Ion:146 Resp: 288109
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.1
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.821 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX047455.D
 Acq: 21 Aug 2025 09:35

Tgt Ion: 75 Resp: 37071
 Ion Ratio Lower Upper
 75 100
 155 81.9 41.3 123.7
 157 103.7 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 48.899 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

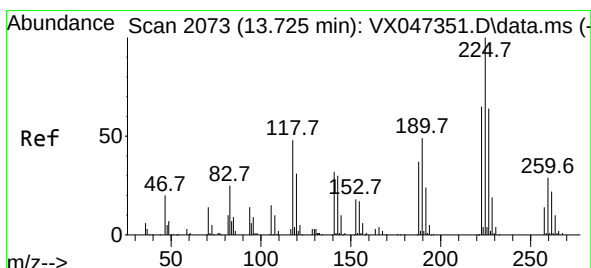
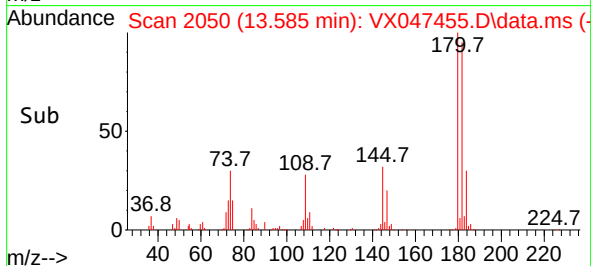
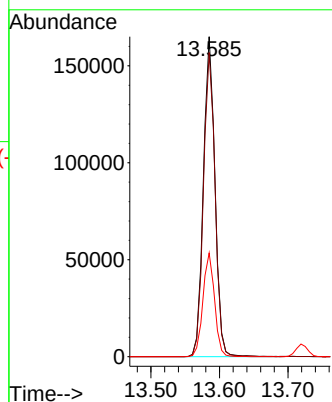
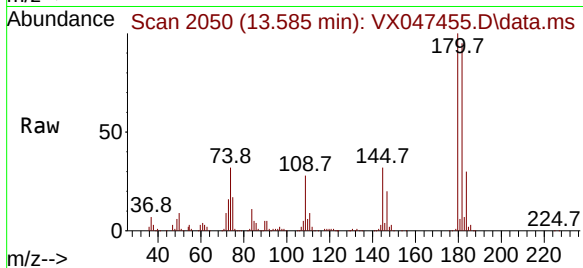
Tgt Ion:180 Resp: 194113

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.4

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 49.389 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

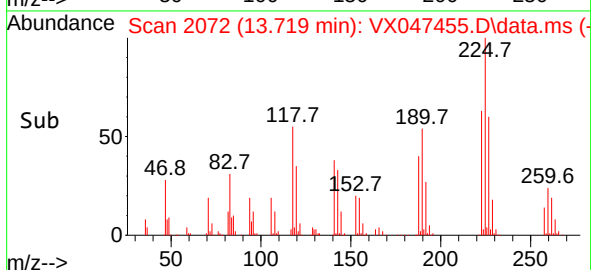
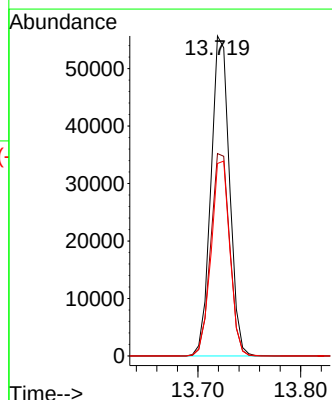
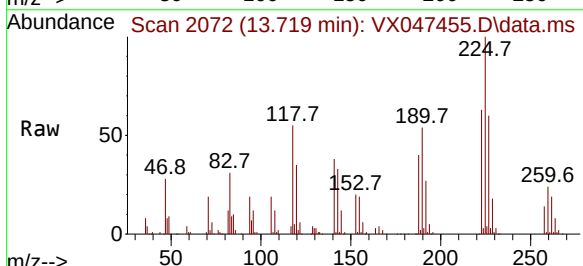
Tgt Ion:225 Resp: 69786

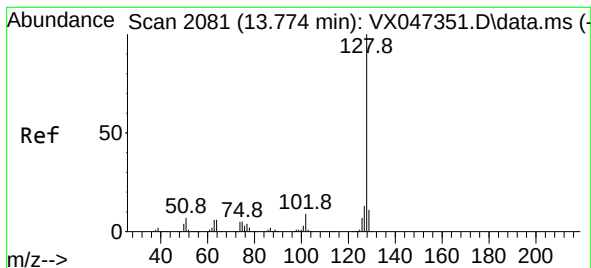
Ion Ratio Lower Upper

225 100

223 64.4 32.2 96.6

227 61.6 31.6 95.0





#95

Naphthalene

Concen: 51.594 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

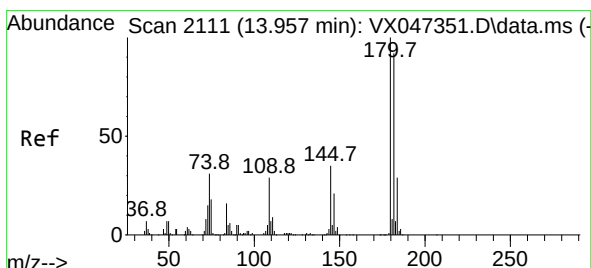
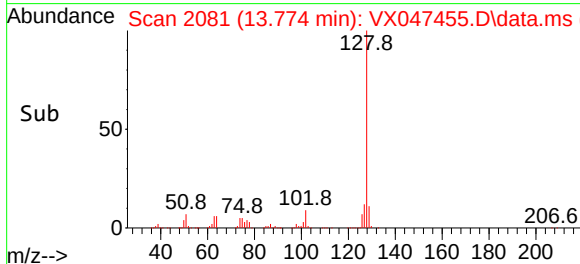
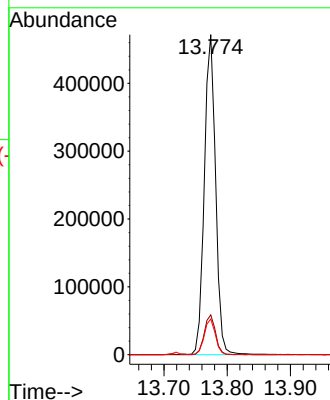
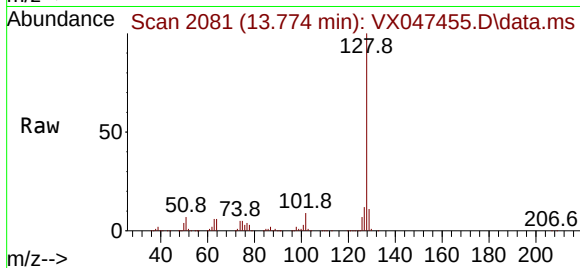
Tgt Ion:128 Resp: 585297

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.836 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047455.D

Acq: 21 Aug 2025 09:35

Tgt Ion:180 Resp: 186476

Ion Ratio Lower Upper

180 100

182 93.2 48.0 144.2

145 33.9 17.4 52.2

