

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046544.D
 Acq On : 06 Jun 2025 21:26
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 06 23:28:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.574	168	69442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	125375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	71274	57.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.380%	
35) Dibromofluoromethane	5.404	113	51535	55.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.780%	
50) Toluene-d8	8.653	98	169266	55.685	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.360%	
62) 4-Bromofluorobenzene	11.079	95	71019	56.469	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	54848	56.892	ug/l	98
3) Chloromethane	1.307	50	51450	58.631	ug/l	100
4) Vinyl Chloride	1.386	62	53346	60.984	ug/l	99
5) Bromomethane	1.618	94	31038	58.447	ug/l	99
6) Chloroethane	1.703	64	32831	57.846	ug/l	96
7) Trichlorofluoromethane	1.904	101	85983	59.408	ug/l	99
8) Diethyl Ether	2.148	74	31773	62.133	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.349	101	54244	59.487	ug/l	98
10) Methyl Iodide	2.471	142	65592	66.357	ug/l	99
11) Tert butyl alcohol	2.971	59	50541	368.675	ug/l	99
12) 1,1-Dichloroethene	2.337	96	50881	61.716	ug/l	100
13) Acrolein	2.252	56	46813	278.462	ug/l	98
14) Allyl chloride	2.685	41	98675	60.942	ug/l	93
15) Acrylonitrile	3.081	53	179265	345.854	ug/l	99
16) Acetone	2.392	43	159984	328.299	ug/l	96
17) Carbon Disulfide	2.532	76	103811	59.264	ug/l	98
18) Methyl Acetate	2.721	43	108816	73.945	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	200391	69.464	ug/l	100
20) Methylene Chloride	2.806	84	59740	60.273	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	51654	59.203	ug/l	98
22) Diisopropyl ether	3.782	45	214513	67.198	ug/l #	82
23) Vinyl Acetate	3.739	43	855587	347.151	ug/l	99
24) 1,1-Dichloroethane	3.630	63	112228	63.080	ug/l	99
25) 2-Butanone	4.574	43	240736	350.035	ug/l	99
26) 2,2-Dichloropropane	4.495	77	52158	39.491	ug/l	95
27) cis-1,2-Dichloroethene	4.507	96	66782	62.177	ug/l	95
28) Bromochloromethane	4.916	49	45357	53.451	ug/l	97
29) Tetrahydrofuran	5.026	42	151955	349.856	ug/l	98
30) Chloroform	5.111	83	119343	64.020	ug/l	97
31) Cyclohexane	5.489	56	87910	61.207	ug/l	96
32) 1,1,1-Trichloroethane	5.404	97	103032	64.613	ug/l	98
36) 1,1-Dichloropropene	5.708	75	74282	56.402	ug/l	99
37) Ethyl Acetate	4.733	43	91955	71.538	ug/l	100
38) Carbon Tetrachloride	5.690	117	85868	58.210	ug/l	97
39) Methylcyclohexane	7.391	83	85590	55.059	ug/l	96
40) Benzene	6.056	78	225281	60.762	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	54293	68.018	ug/l	97
42) 1,2-Dichloroethane	6.105	62	95137	61.679	ug/l	100
43) Isopropyl Acetate	6.355	43	152519	68.062	ug/l	99
44) Trichloroethene	7.135	130	54429	57.777	ug/l	96
45) 1,2-Dichloropropane	7.440	63	60575	63.297	ug/l	96
46) Dibromomethane	7.586	93	44346	61.596	ug/l	99
47) Bromodichloromethane	7.830	83	94244	63.665	ug/l	98
48) Methyl methacrylate	7.702	41	79063	68.574	ug/l	97
49) 1,4-Dioxane	7.665	88	21649	1404.115	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	490805	344.668	ug/l	99
52) Toluene	8.720	92	139865	61.404	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	82120	61.872	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	88203	59.769	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	59203	64.744	ug/l	99
56) Ethyl methacrylate	9.122	69	96670	68.698	ug/l	97
57) 1,3-Dichloropropane	9.311	76	102195	63.241	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	219020	285.751	ug/l	99
59) 2-Hexanone	9.433	43	358714	351.243	ug/l	99
60) Dibromochloromethane	9.525	129	67772	63.009	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59380	62.317	ug/l	98
64) Tetrachloroethene	9.275	164	43299	57.157	ug/l	95
65) Chlorobenzene	10.080	112	157080	58.955	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55278	61.396	ug/l	98
67) Ethyl Benzene	10.195	91	276138	59.367	ug/l	97
68) m/p-Xylenes	10.299	106	201148	119.214	ug/l	100
69) o-Xylene	10.640	106	99899	61.212	ug/l	98
70) Styrene	10.653	104	173768	62.200	ug/l	100
71) Bromoform	10.799	173	43402	63.222	ug/l #	96
73) Isopropylbenzene	10.964	105	269665	61.015	ug/l	100
74) N-amyl acetate	10.842	43	135298	69.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	90249	63.795	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98085	82.364	ug/l	86
77) Bromobenzene	11.195	156	63130	61.539	ug/l	97
78) n-propylbenzene	11.305	91	319019	59.636	ug/l	99
79) 2-Chlorotoluene	11.366	91	193777	60.070	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	223836	60.777	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23365	56.596	ug/l	99
82) 4-Chlorotoluene	11.451	91	226943	59.353	ug/l	98
83) tert-Butylbenzene	11.713	119	227998	60.813	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	226743	60.858	ug/l	100
85) sec-Butylbenzene	11.890	105	288179	59.821	ug/l	100
86) p-Isopropyltoluene	12.006	119	238973	59.505	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	116764	58.615	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	120152	58.209	ug/l	98
89) n-Butylbenzene	12.329	91	225709	57.230	ug/l	99
90) Hexachloroethane	12.536	117	41280	57.831	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	115399	60.014	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21611	68.219	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	78190	59.609	ug/l	98
94) Hexachlorobutadiene	13.725	225	32939	54.035	ug/l	99
95) Naphthalene	13.774	128	285312	68.590	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	77514	58.933	ug/l	99

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ALS Vial : 29 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

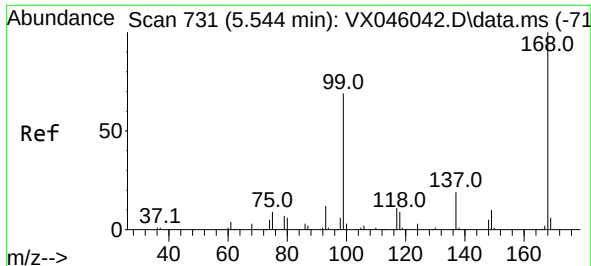
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QLast Update : Fri Jun 06 16:56:12 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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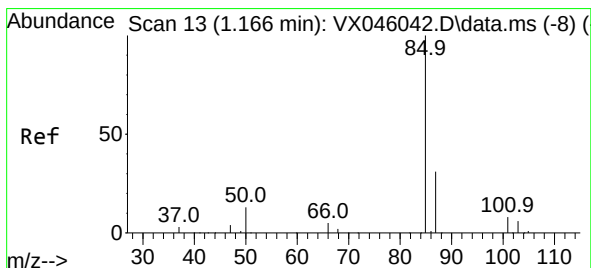
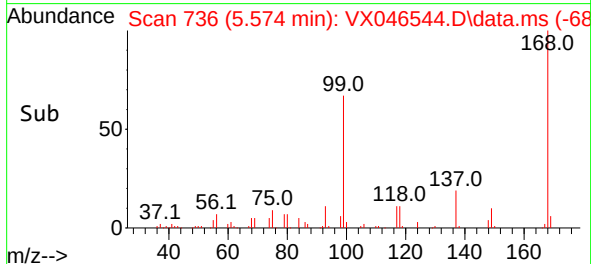
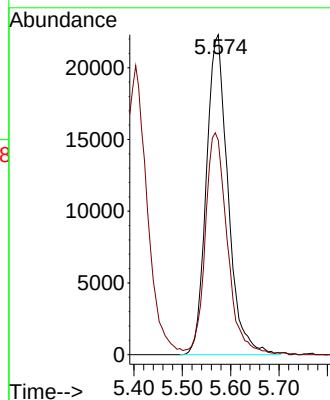
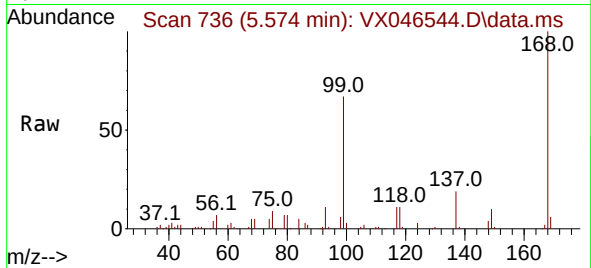




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

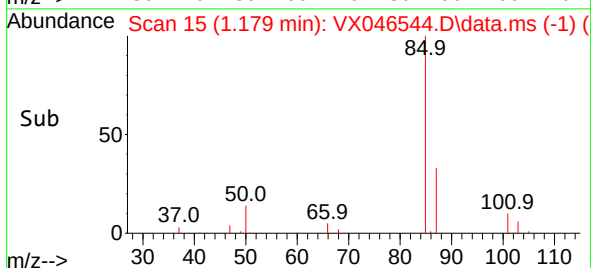
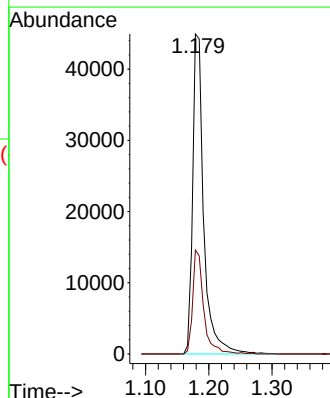
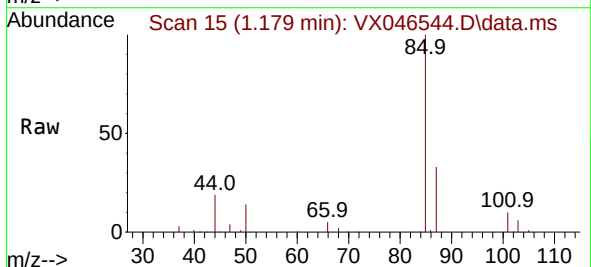
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

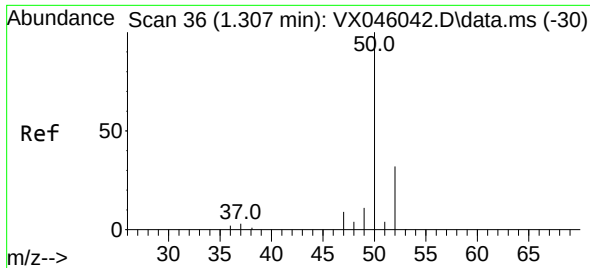
Tgt Ion:168 Resp: 69442
Ion Ratio Lower Upper
168 100
99 66.6 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 56.892 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 85 Resp: 54848
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1

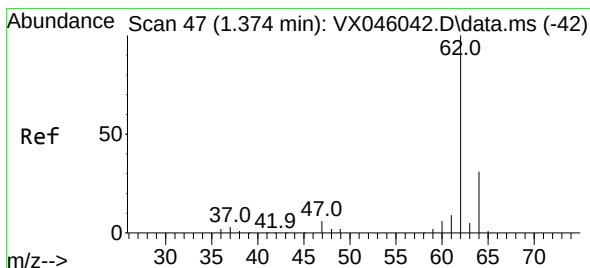
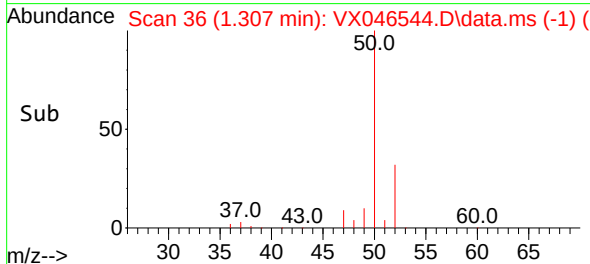
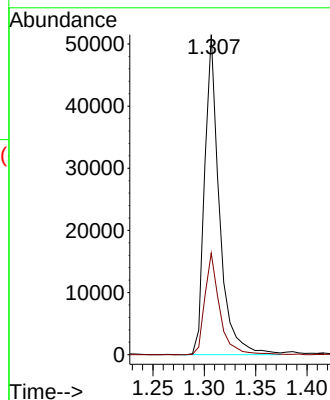
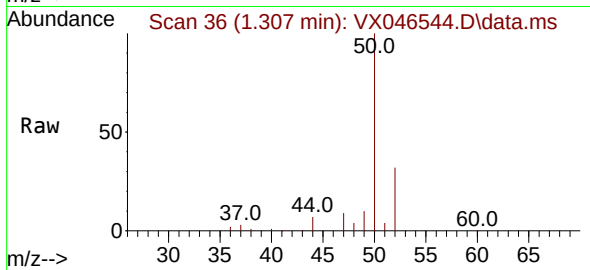




#3
Chloromethane
Concen: 58.631 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

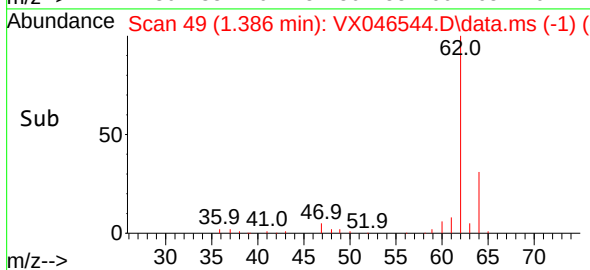
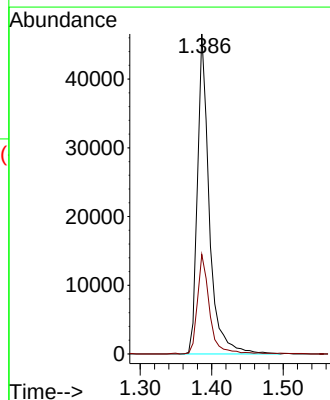
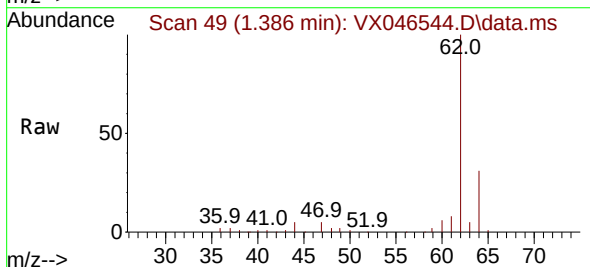
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ClientSampleId :
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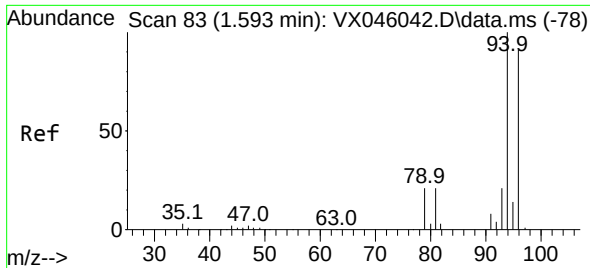
Tgt Ion: 50 Resp: 51450
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2



#4
Vinyl Chloride
Concen: 60.984 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 62 Resp: 53346
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8

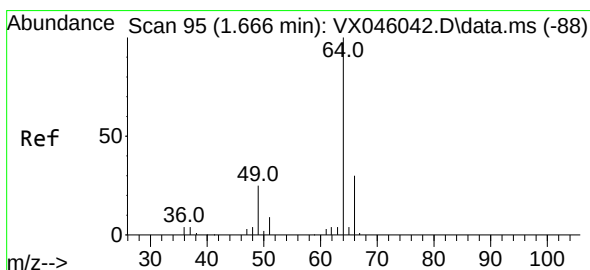
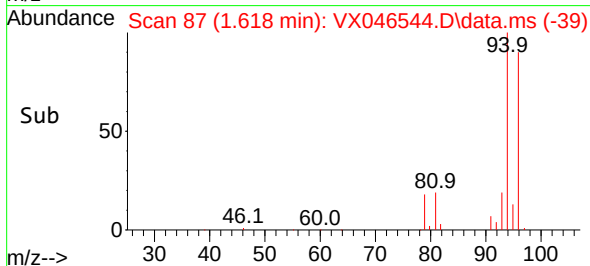
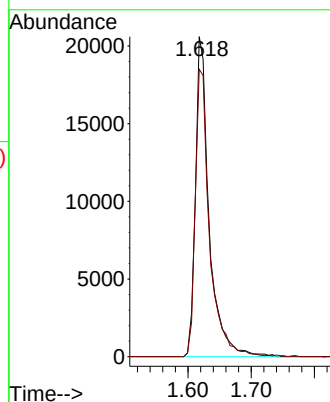
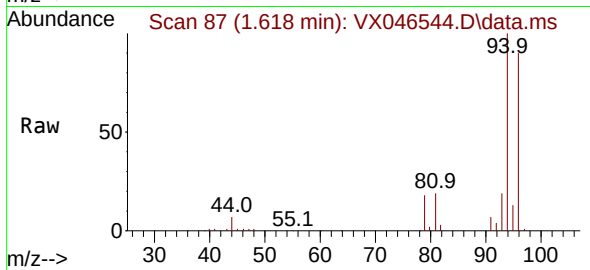




#5
Bromomethane
Concen: 58.447 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

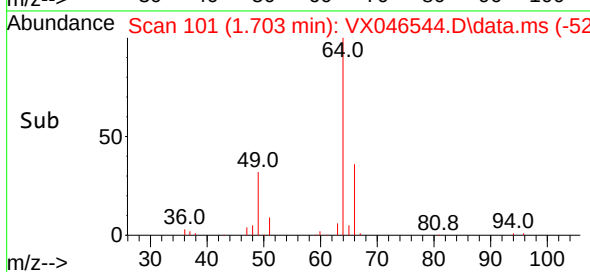
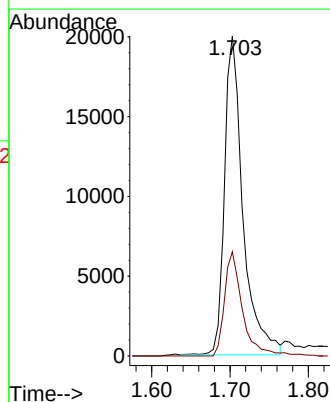
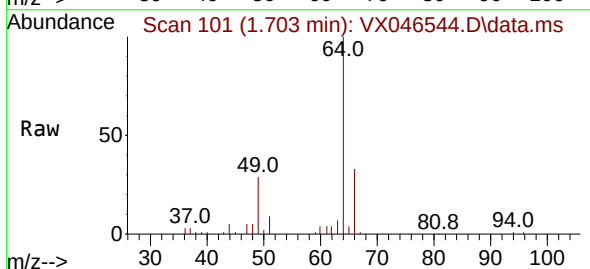
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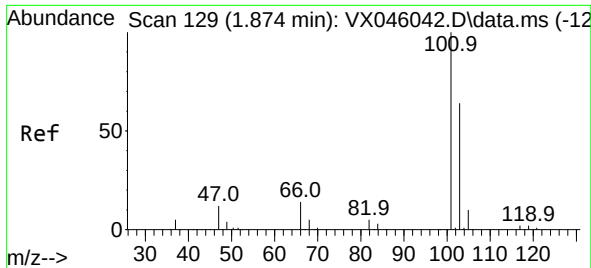
Tgt Ion: 94 Resp: 31038
Ion Ratio Lower Upper
94 100
96 89.8 72.8 109.2



#6
Chloroethane
Concen: 57.846 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 64 Resp: 32831
Ion Ratio Lower Upper
64 100
66 32.7 24.3 36.5

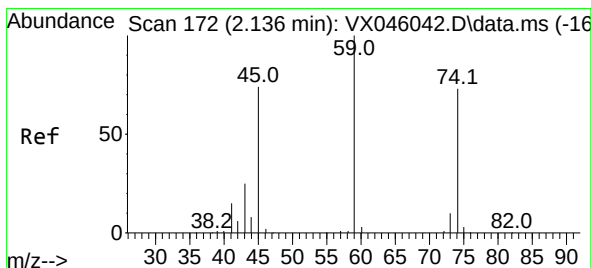
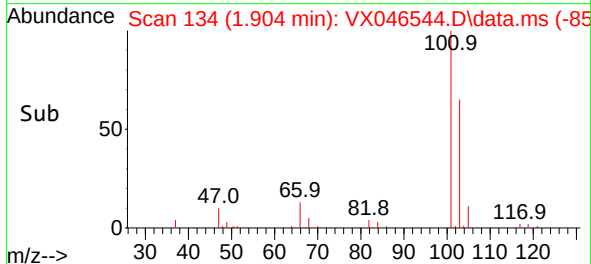
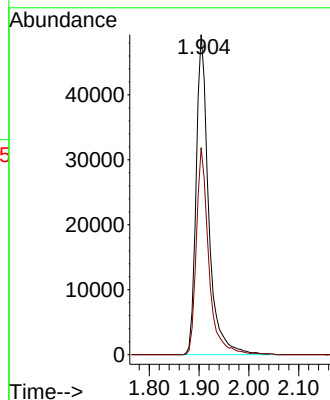
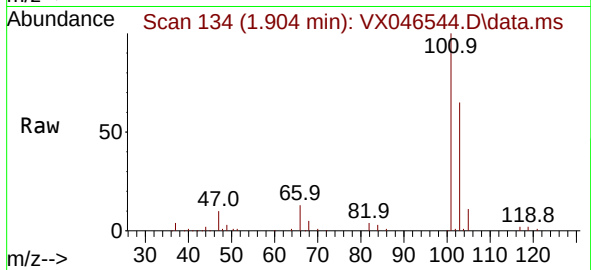




#7
Trichlorofluoromethane
Concen: 59.408 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

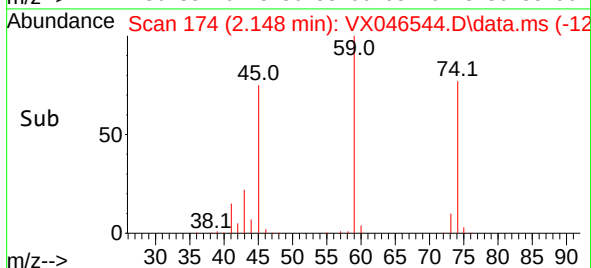
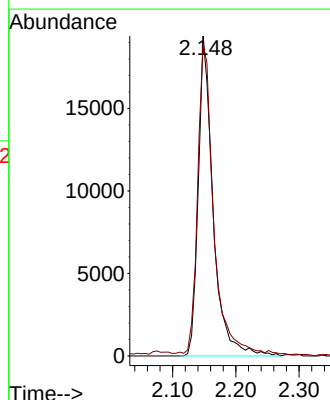
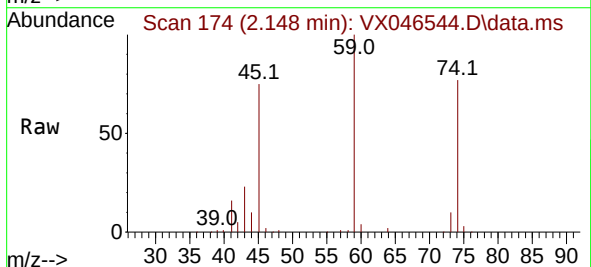
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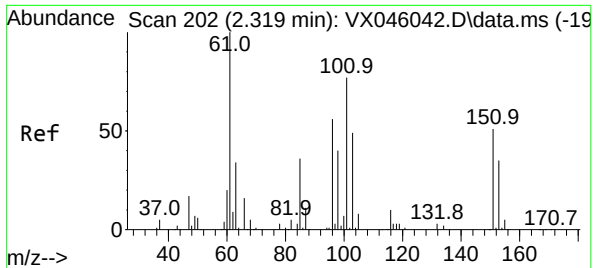
Tgt Ion:101 Resp: 85983
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4



#8
Diethyl Ether
Concen: 62.133 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 74 Resp: 31773
Ion Ratio Lower Upper
74 100
45 101.5 54.9 164.8

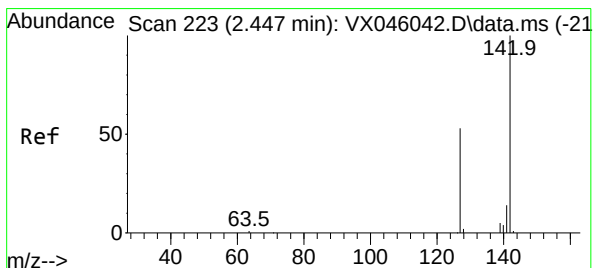
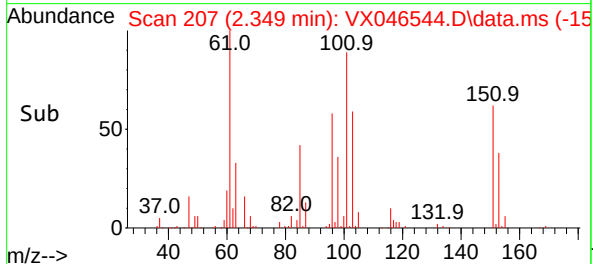
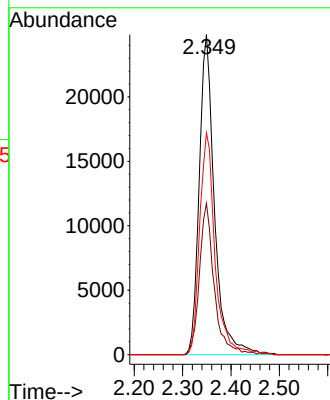
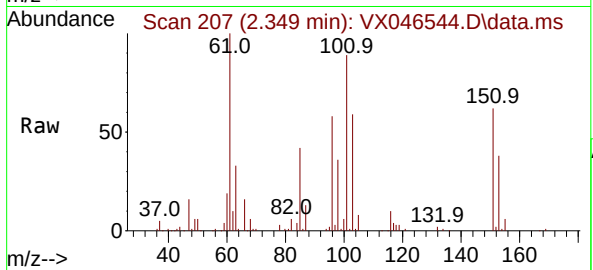




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 59.487 ug/l
 RT: 2.349 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX046544.D
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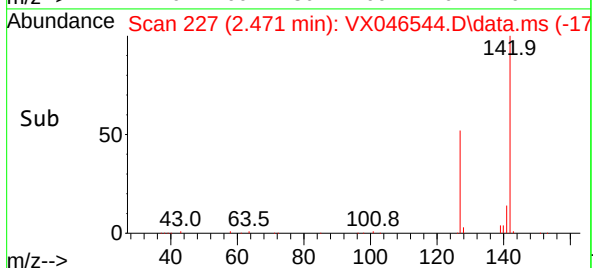
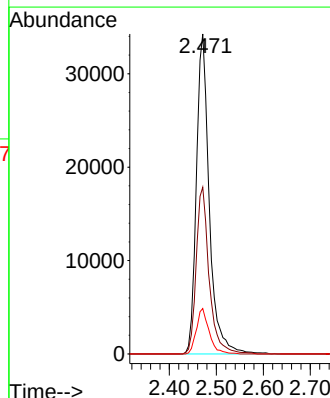
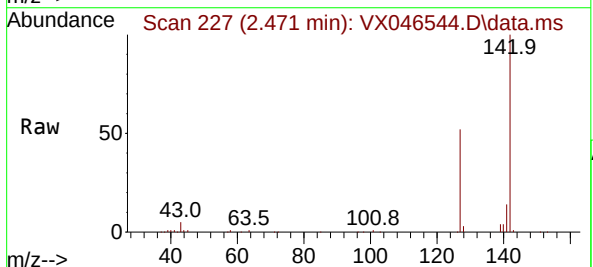
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

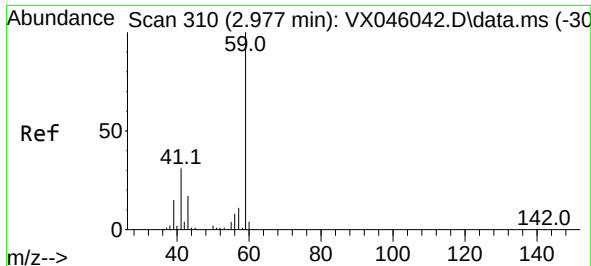
Tgt Ion:101 Resp: 54244
 Ion Ratio Lower Upper
 101 100
 85 46.0 38.6 58.0
 151 70.5 55.2 82.8



#10
 Methyl Iodide
 Concen: 66.357 ug/l
 RT: 2.471 min Scan# 227
 Delta R.T. 0.000 min
 Lab File: VX046544.D
 Acq: 06 Jun 2025 21:26

Tgt Ion:142 Resp: 65592
 Ion Ratio Lower Upper
 142 100
 127 52.4 41.7 62.5
 141 14.1 11.5 17.3

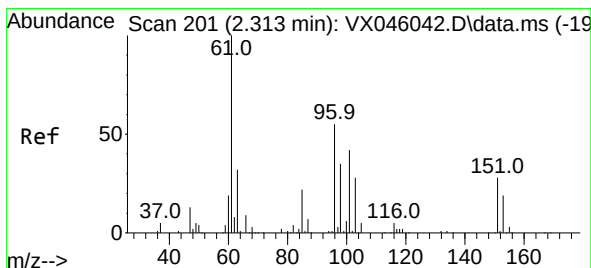
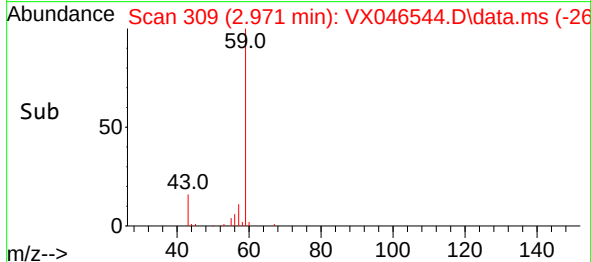
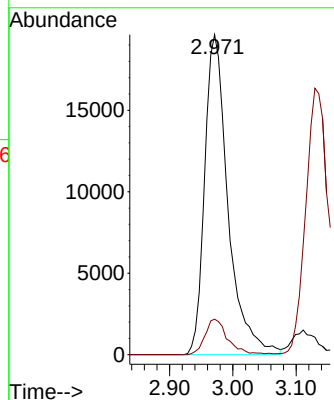
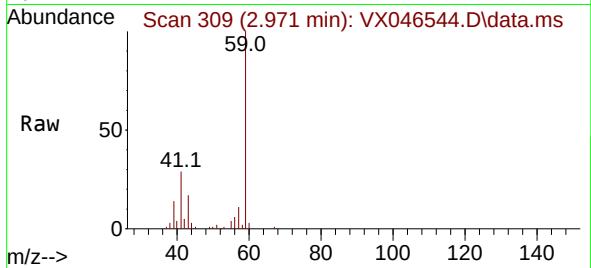




#11
Tert butyl alcohol
Concen: 368.675 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

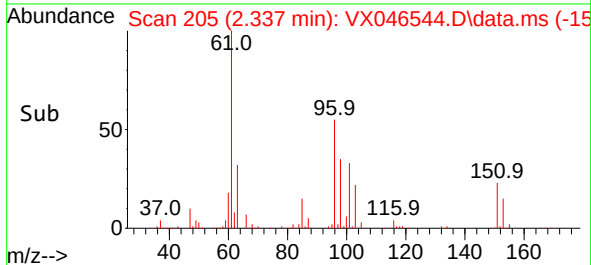
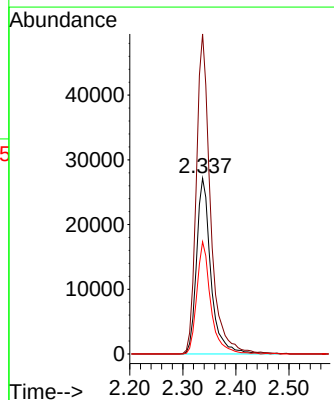
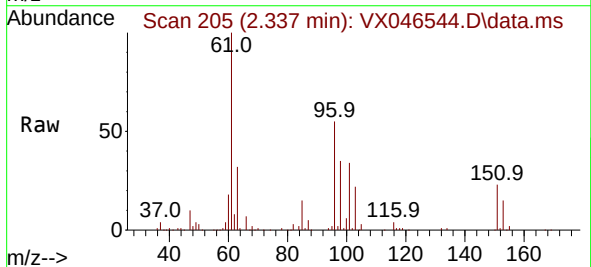
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

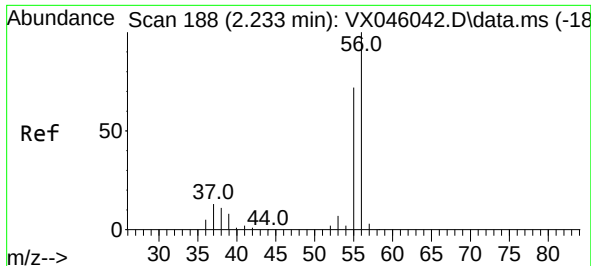
Tgt Ion: 59 Resp: 50541
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 61.716 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 96 Resp: 50881
Ion Ratio Lower Upper
96 100
61 182.2 146.2 219.2
98 63.9 51.0 76.6





#13

Acrolein

Concen: 278.462 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.001 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

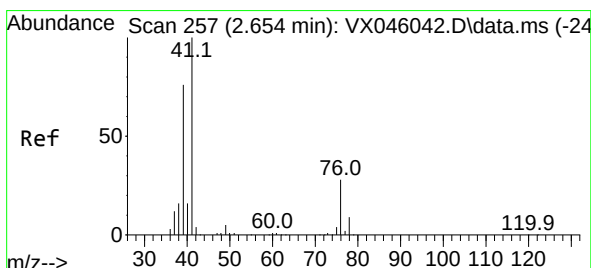
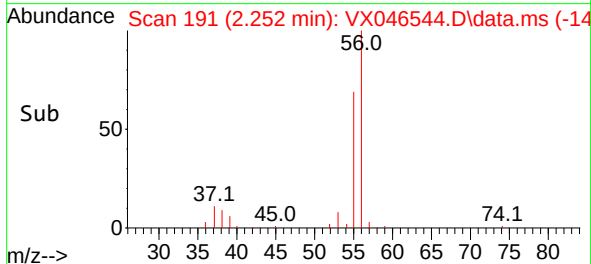
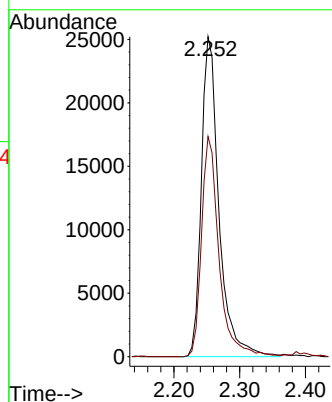
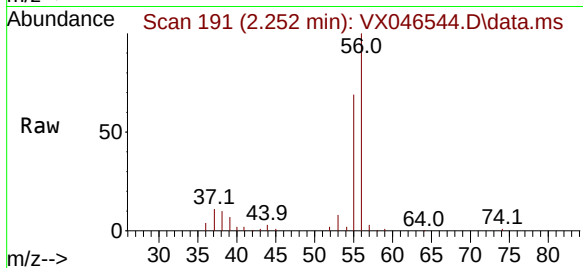
VSTDCCC050EC

Tgt Ion: 56 Resp: 46813

Ion Ratio Lower Upper

56 100

55 68.5 56.2 84.4



#14

Allyl chloride

Concen: 60.942 ug/l

RT: 2.685 min Scan# 262

Delta R.T. 0.001 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

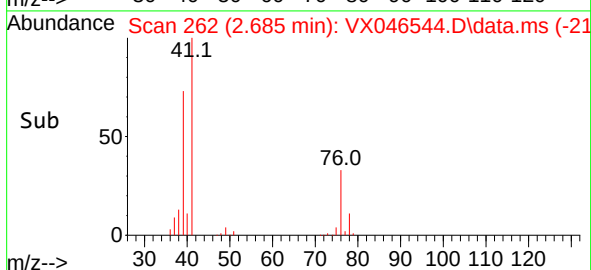
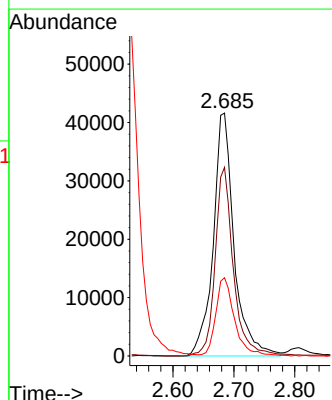
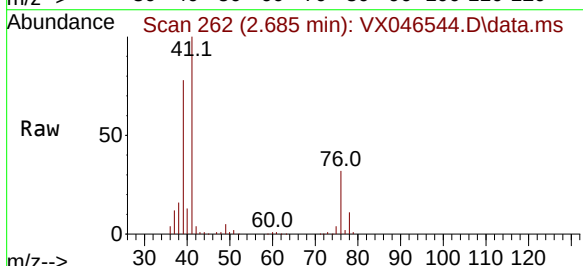
Tgt Ion: 41 Resp: 98675

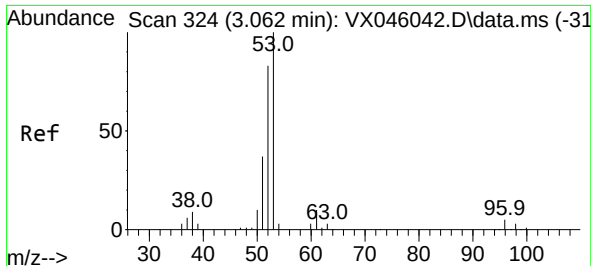
Ion Ratio Lower Upper

41 100

39 68.5 60.6 90.8

76 29.1 24.9 37.3





#15

Acrylonitrile

Concen: 345.854 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

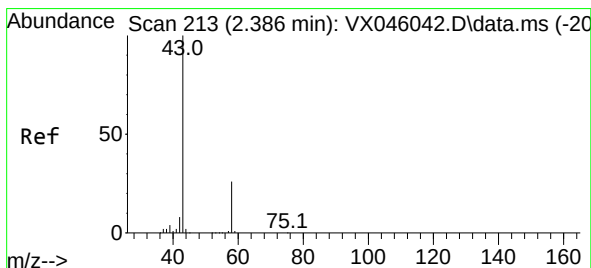
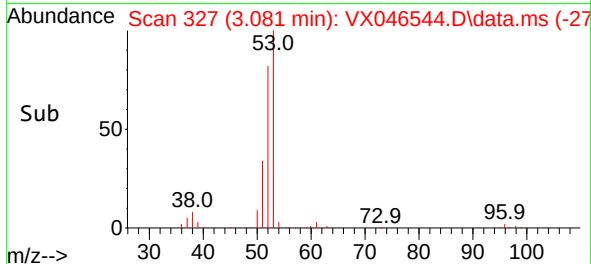
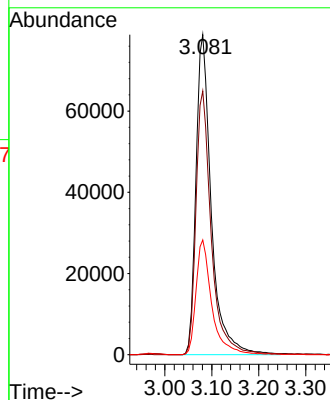
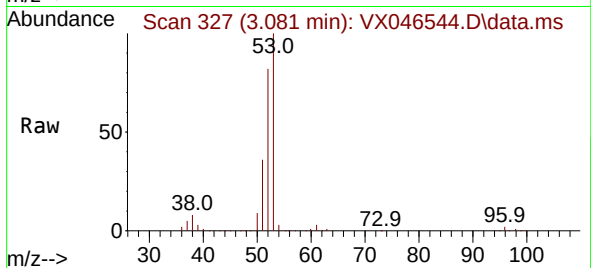
Tgt Ion: 53 Resp: 179265

Ion Ratio Lower Upper

53 100

52 82.2 65.3 97.9

51 37.1 29.8 44.8



#16

Acetone

Concen: 328.299 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX046544.D

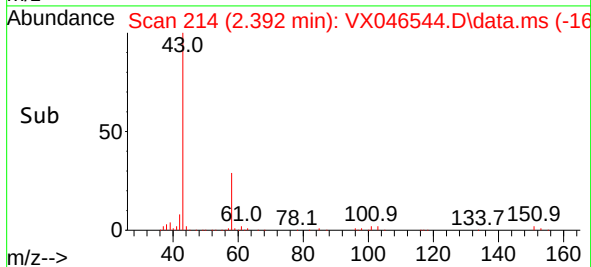
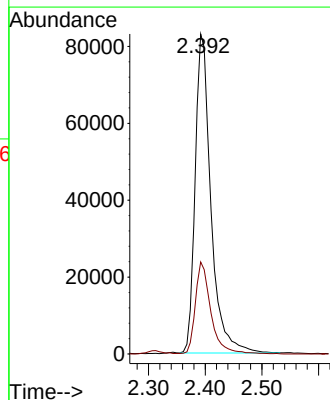
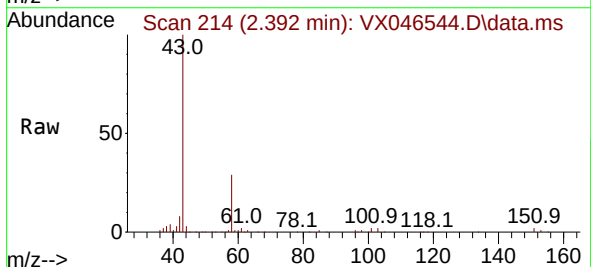
Acq: 06 Jun 2025 21:26

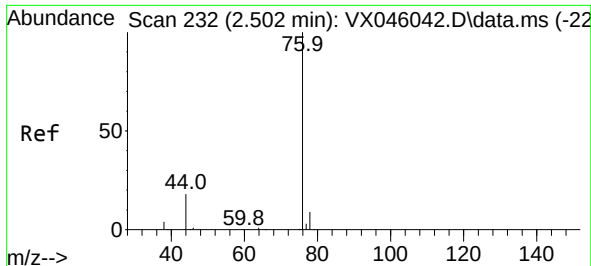
Tgt Ion: 43 Resp: 159984

Ion Ratio Lower Upper

43 100

58 28.7 21.2 31.8





#17

Carbon Disulfide

Concen: 59.264 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

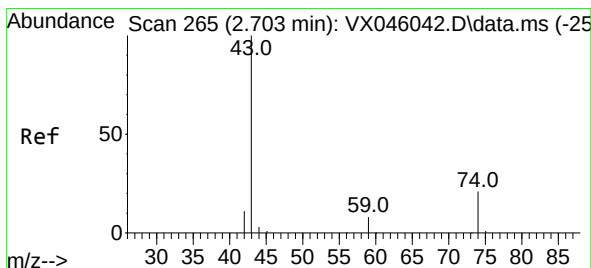
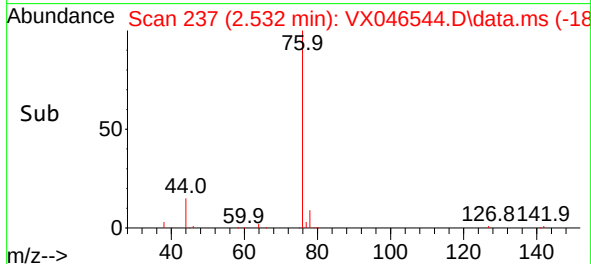
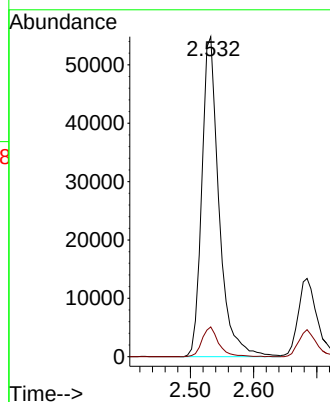
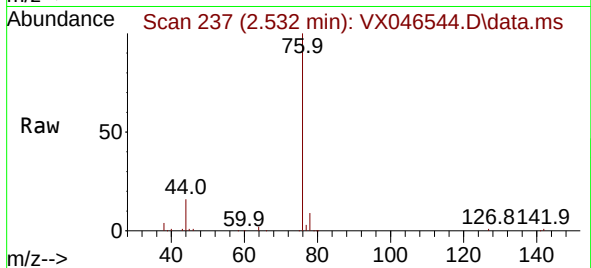
VSTDCCC050EC

Tgt Ion: 76 Resp: 103811

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 73.945 ug/l

RT: 2.721 min Scan# 268

Delta R.T. 0.000 min

Lab File: VX046544.D

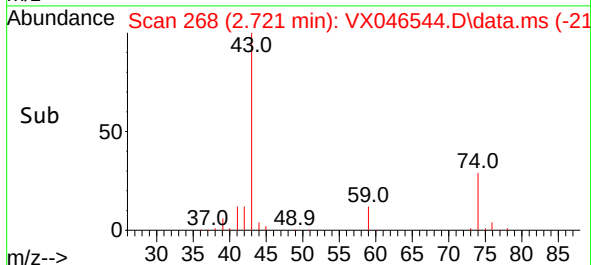
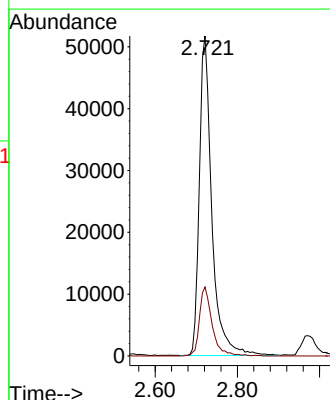
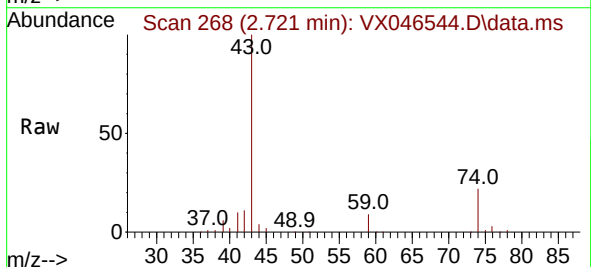
Acq: 06 Jun 2025 21:26

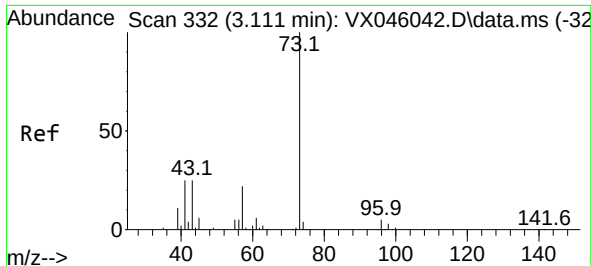
Tgt Ion: 43 Resp: 108816

Ion Ratio Lower Upper

43 100

74 21.9 16.7 25.1

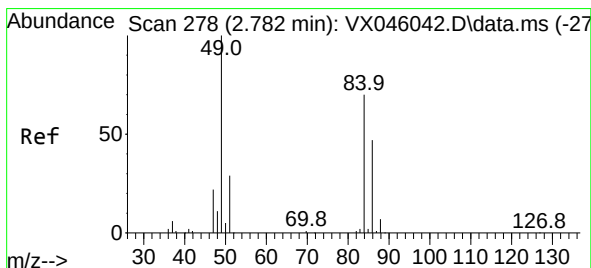
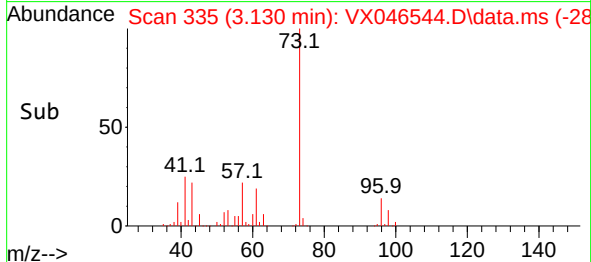
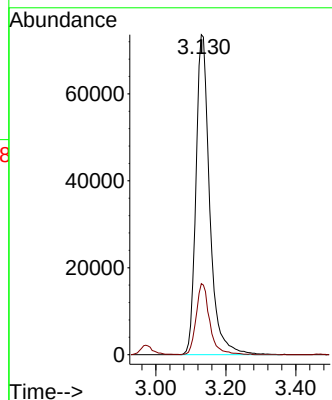
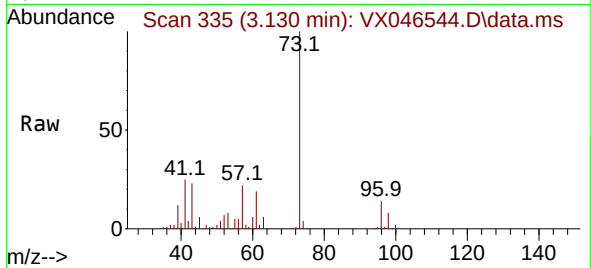




#19
Methyl tert-butyl Ether
Concen: 69.464 ug/l
RT: 3.130 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

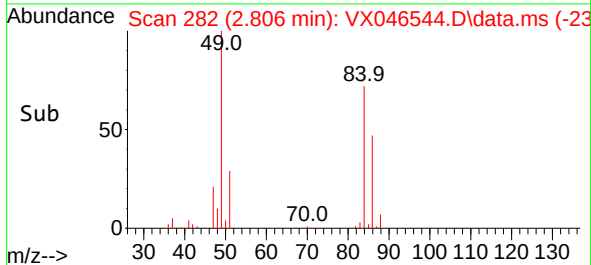
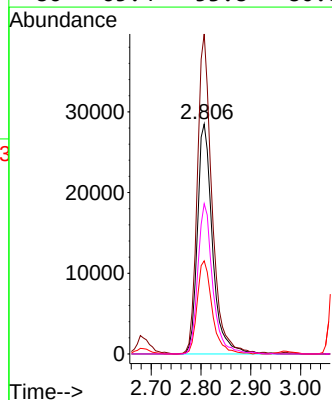
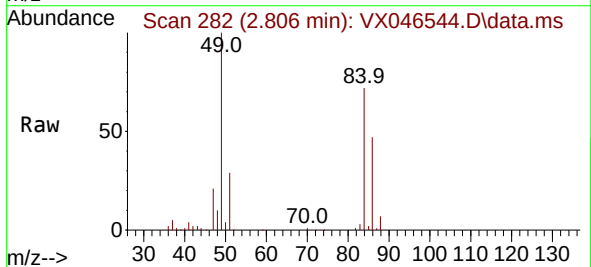
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

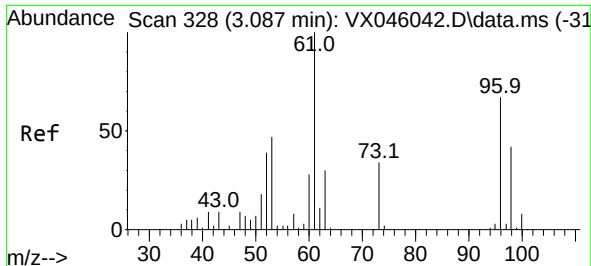
Tgt Ion: 73 Resp: 200391
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 60.273 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 84 Resp: 59740
Ion Ratio Lower Upper
84 100
49 139.0 113.9 170.9
51 40.5 33.5 50.3
86 65.4 53.8 80.8

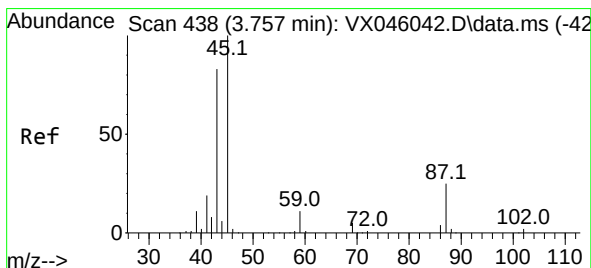
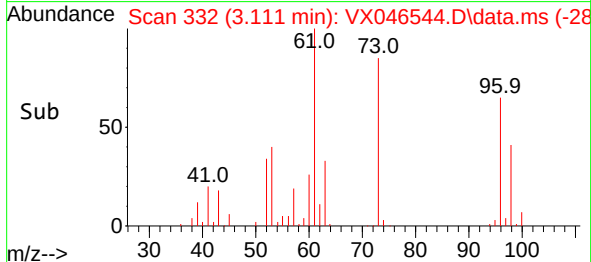
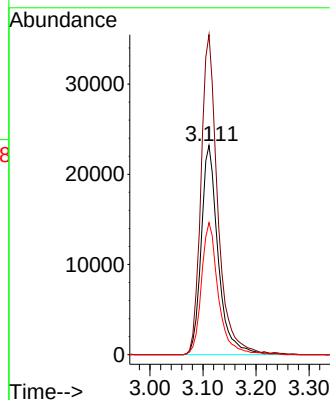
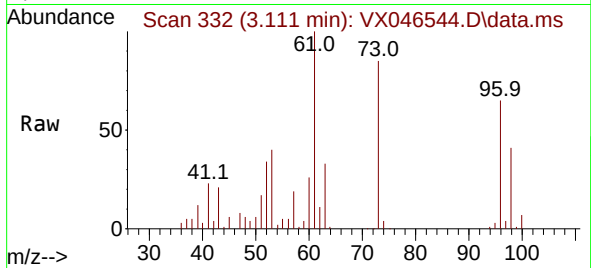




#21
trans-1,2-Dichloroethene
Concen: 59.203 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

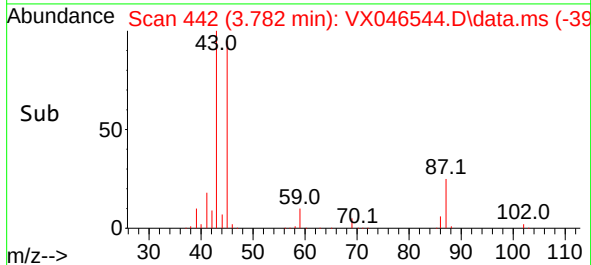
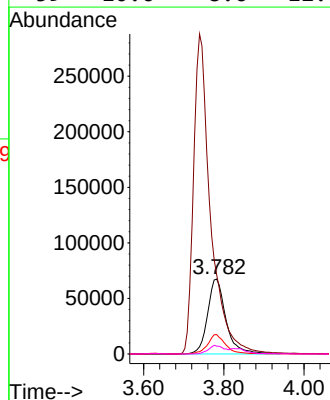
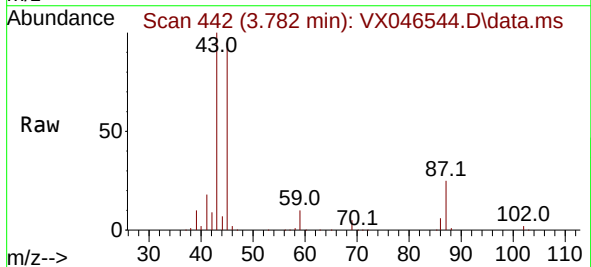
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

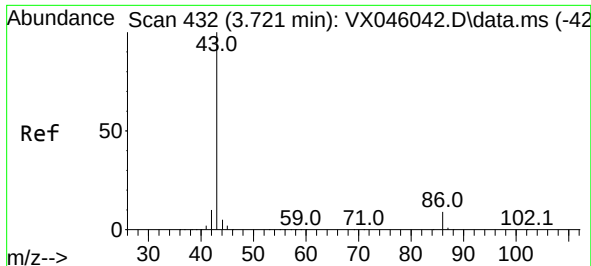
Tgt Ion: 96 Resp: 51654
Ion Ratio Lower Upper
96 100
61 152.9 119.5 179.3
98 63.1 50.0 75.0



#22
Diisopropyl ether
Concen: 67.198 ug/l
RT: 3.782 min Scan# 442
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 45 Resp: 214513
Ion Ratio Lower Upper
45 100
43 105.4 66.6 100.0#
87 25.9 19.8 29.6
59 10.6 8.6 12.8

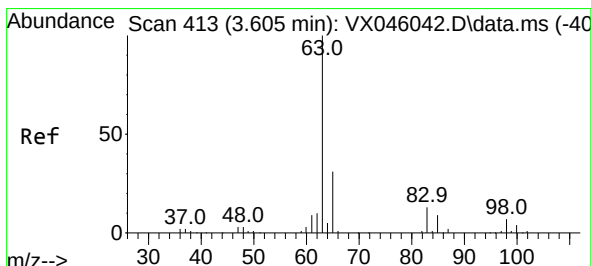
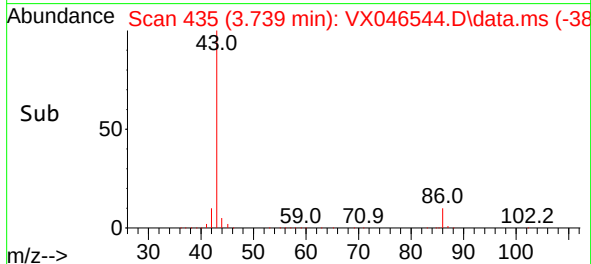
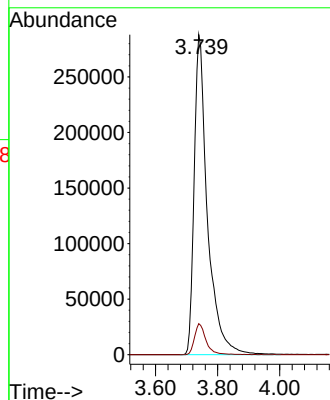
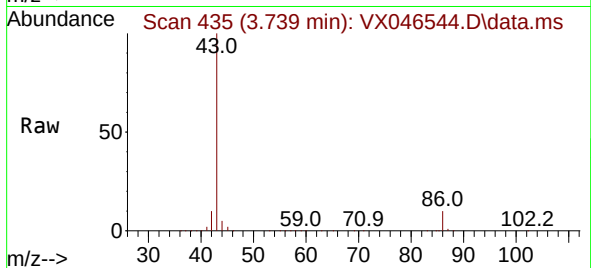




#23
 Vinyl Acetate
 Concen: 347.151 ug/l
 RT: 3.739 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VX046544.D
 Acq: 06 Jun 2025 21:26

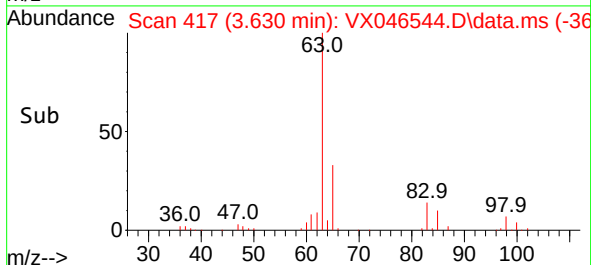
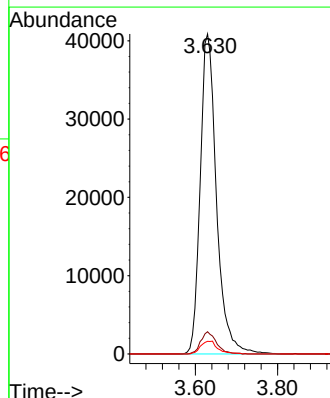
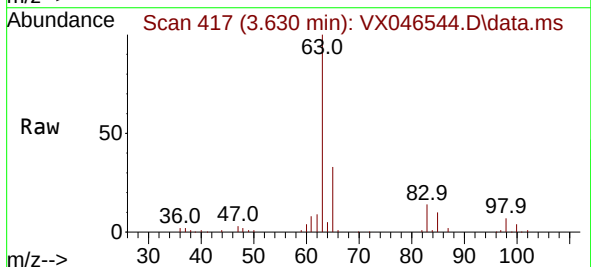
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

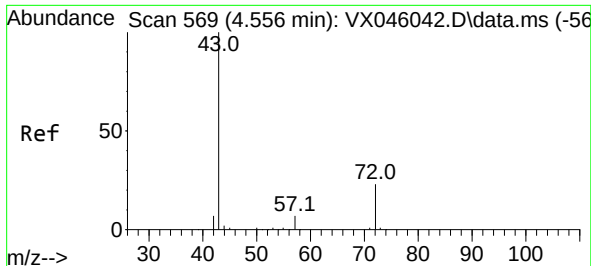
Tgt Ion: 43 Resp: 855587
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 63.080 ug/l
 RT: 3.630 min Scan# 417
 Delta R.T. 0.001 min
 Lab File: VX046544.D
 Acq: 06 Jun 2025 21:26

Tgt Ion: 63 Resp: 112228
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 350.035 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

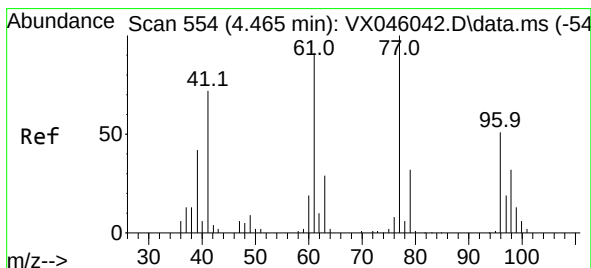
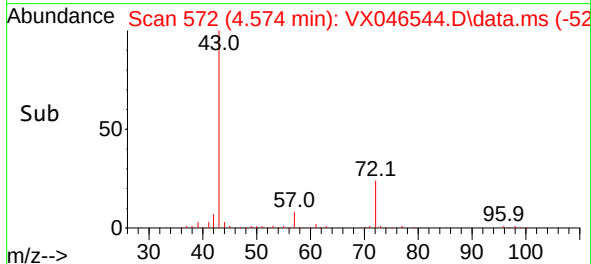
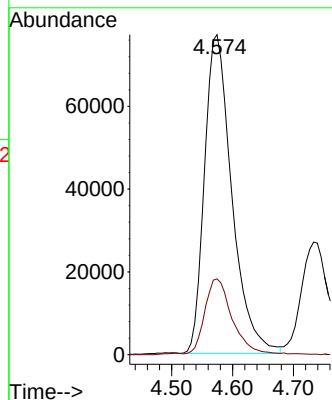
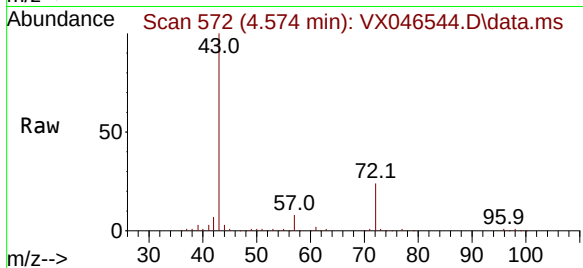
VSTDCCC050EC

Tgt Ion: 43 Resp: 240736

Ion Ratio Lower Upper

43 100

72 23.4 18.4 27.6



#26

2,2-Dichloropropane

Concen: 39.491 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX046544.D

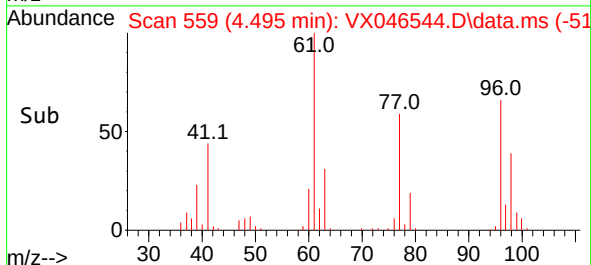
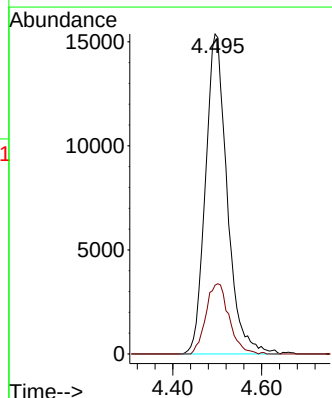
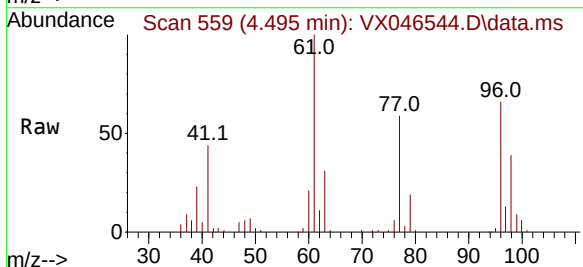
Acq: 06 Jun 2025 21:26

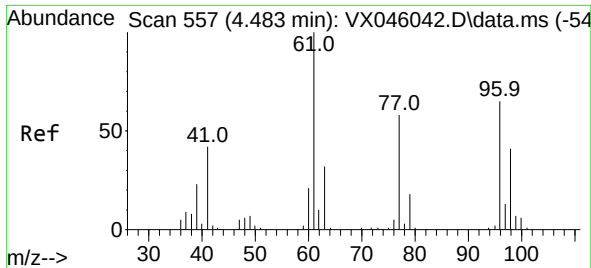
Tgt Ion: 77 Resp: 52158

Ion Ratio Lower Upper

77 100

97 23.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 62.177 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

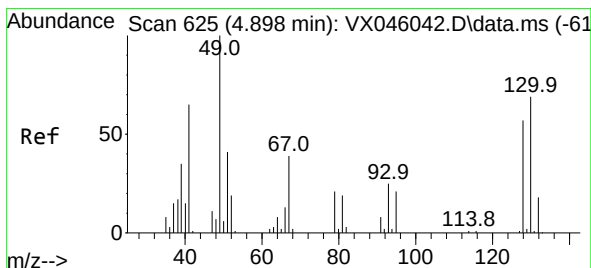
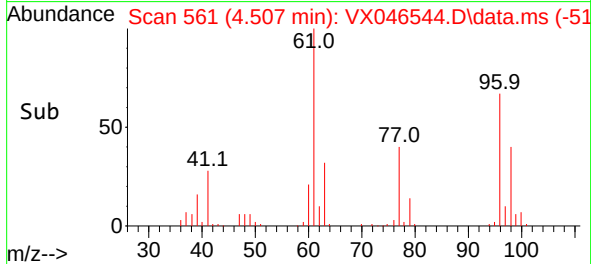
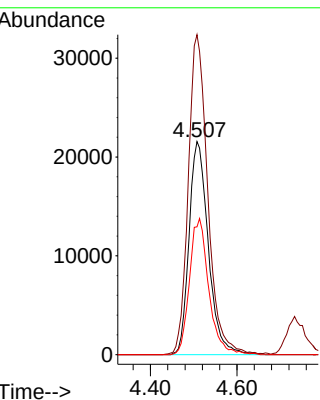
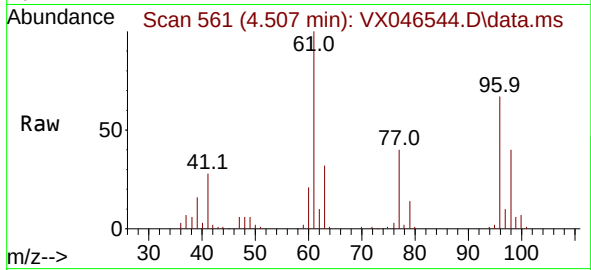
Tgt Ion: 96 Resp: 66782

Ion Ratio Lower Upper

96 100

61 151.7 0.0 322.8

98 63.8 0.0 129.0



#28

Bromochloromethane

Concen: 53.451 ug/l

RT: 4.916 min Scan# 628

Delta R.T. -0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

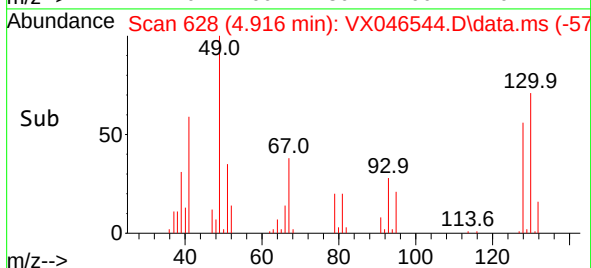
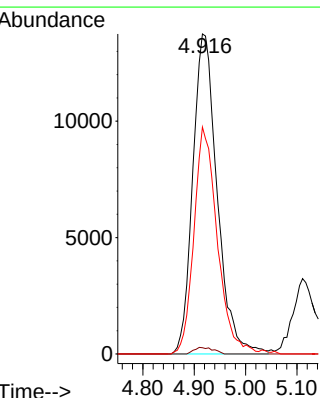
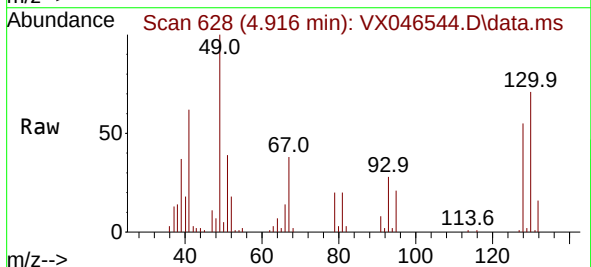
Tgt Ion: 49 Resp: 45357

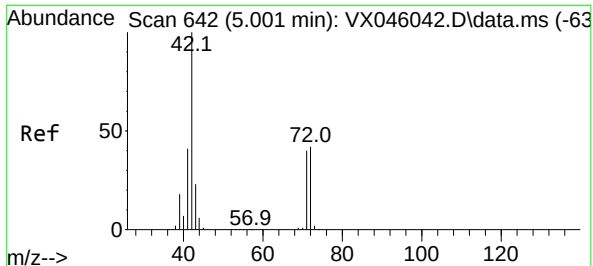
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 67.8 56.2 84.2





#29

Tetrahydrofuran

Concen: 349.856 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.007 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

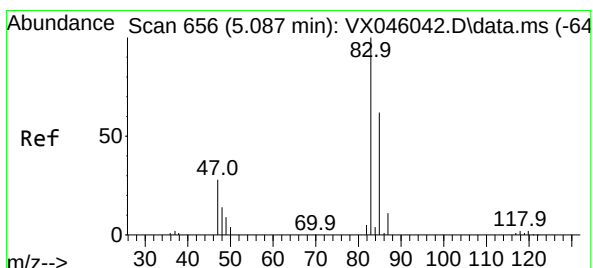
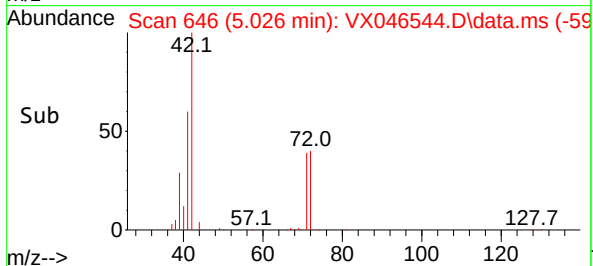
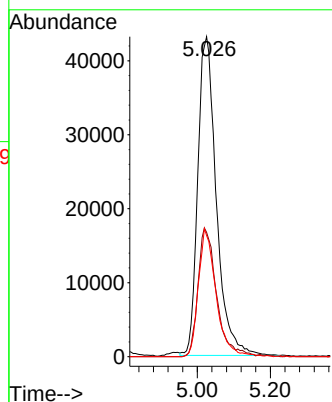
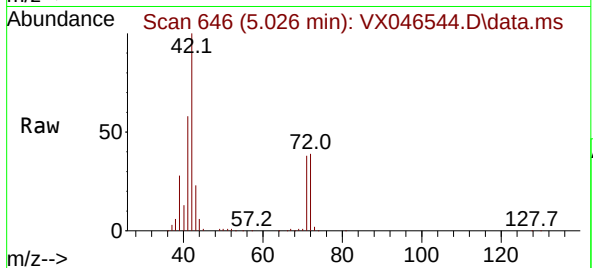
Tgt Ion: 42 Resp: 151955

Ion Ratio Lower Upper

42 100

72 40.4 33.7 50.5

71 38.2 31.4 47.2



#30

Chloroform

Concen: 64.020 ug/l

RT: 5.111 min Scan# 660

Delta R.T. -0.000 min

Lab File: VX046544.D

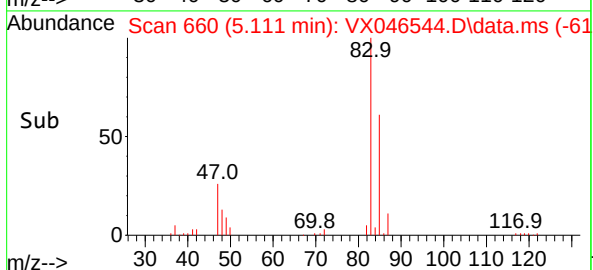
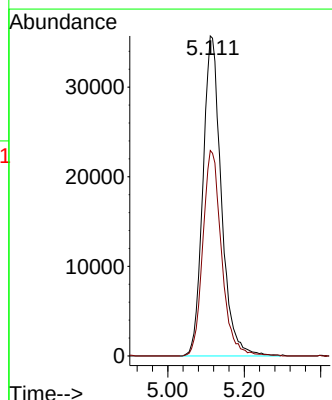
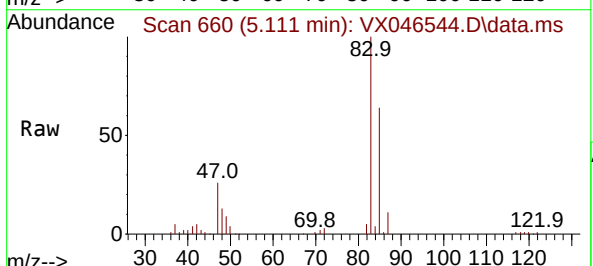
Acq: 06 Jun 2025 21:26

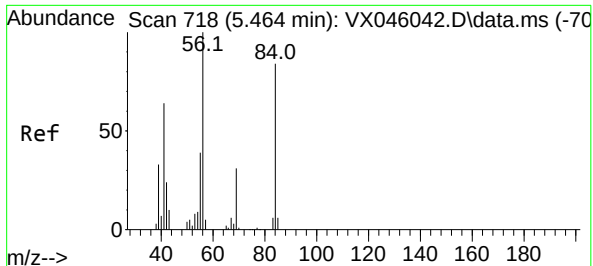
Tgt Ion: 83 Resp: 119343

Ion Ratio Lower Upper

83 100

85 64.2 49.3 73.9

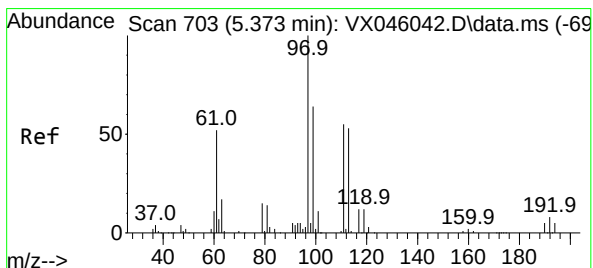
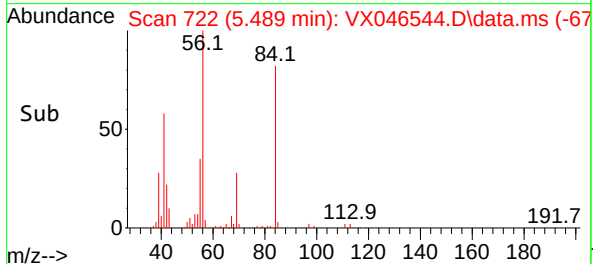
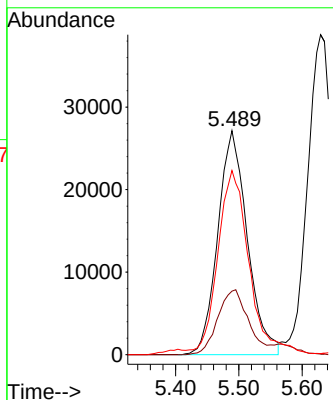
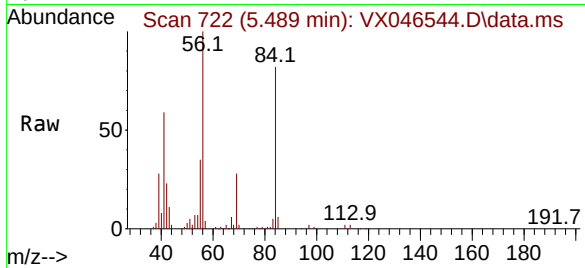




#31
Cyclohexane
Concen: 61.207 ug/l
RT: 5.489 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

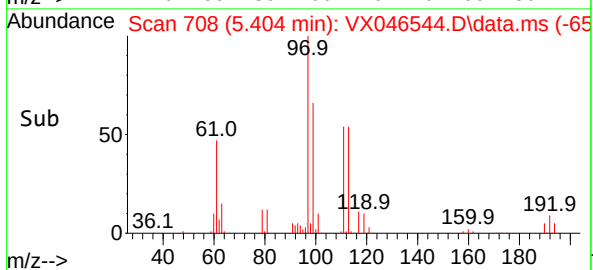
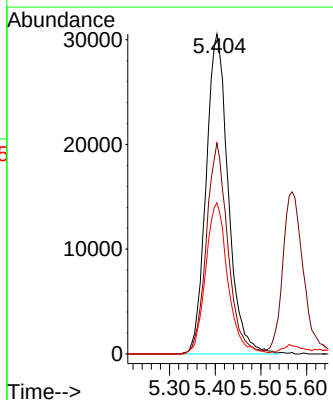
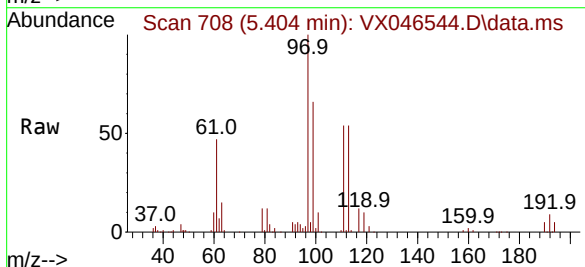
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

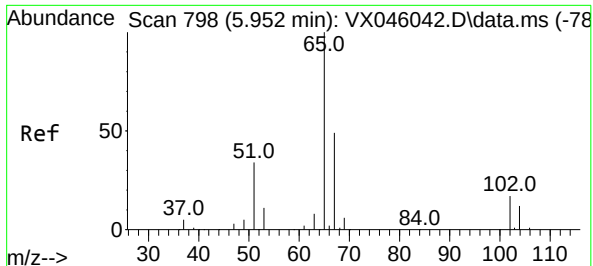
Tgt Ion: 56 Resp: 87910
Ion Ratio Lower Upper
56 100
69 28.4 24.4 36.6
84 79.8 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 64.613 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.007 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 97 Resp: 103032
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 47.4 40.1 60.1

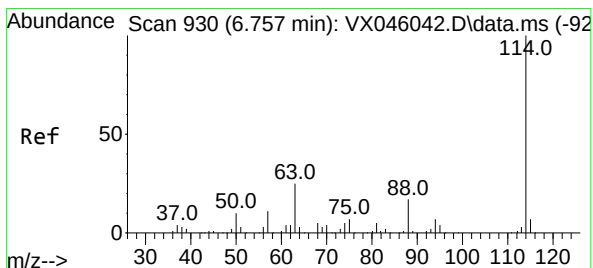
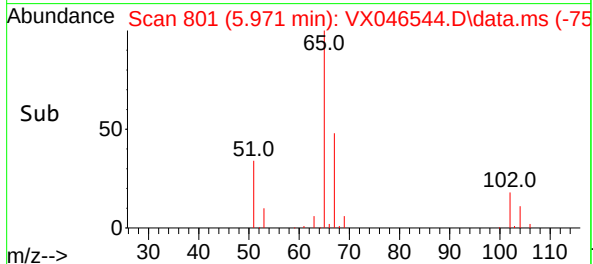
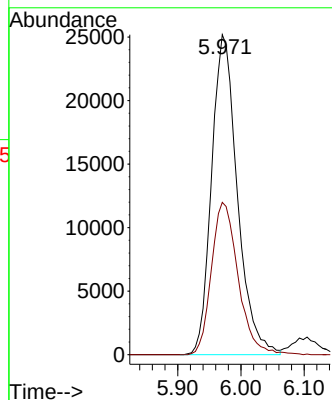
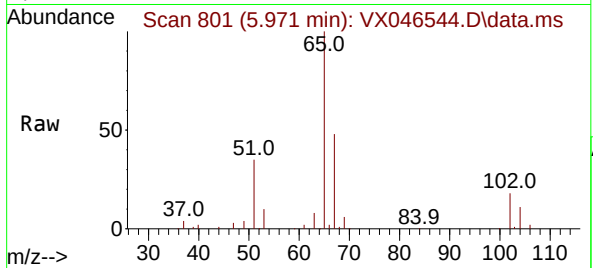




#33
 1,2-Dichloroethane-d4
 Concen: 57.691 ug/l
 RT: 5.971 min Scan# 801
 Delta R.T. 0.001 min
 Lab File: VX046544.D
 Acq: 06 Jun 2025 21:26

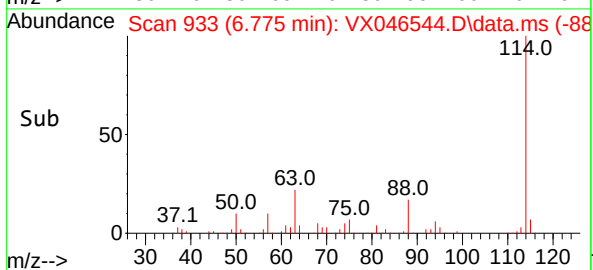
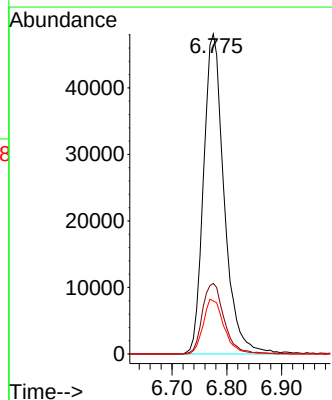
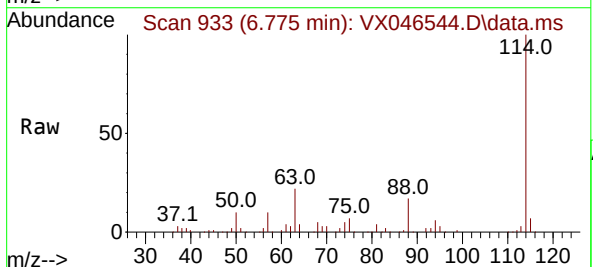
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

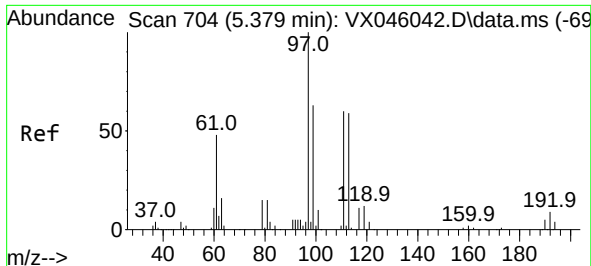
Tgt Ion: 65 Resp: 71274
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.000 min
 Lab File: VX046544.D
 Acq: 06 Jun 2025 21:26

Tgt Ion: 114 Resp: 125375
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 49.2
 88 16.6 0.0 33.6

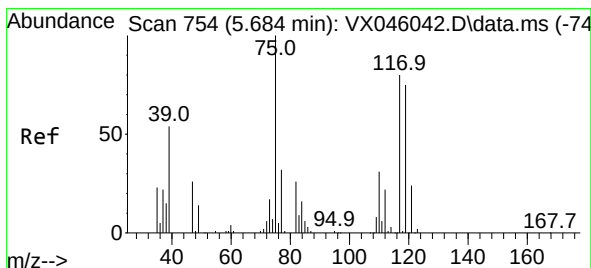
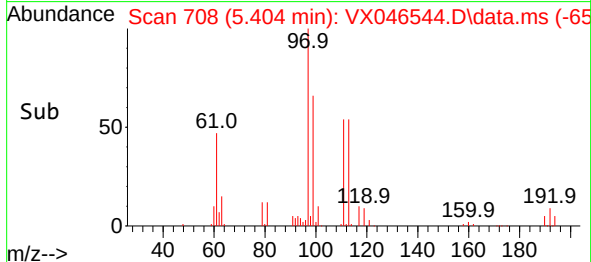
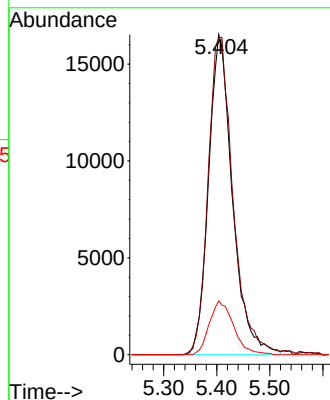
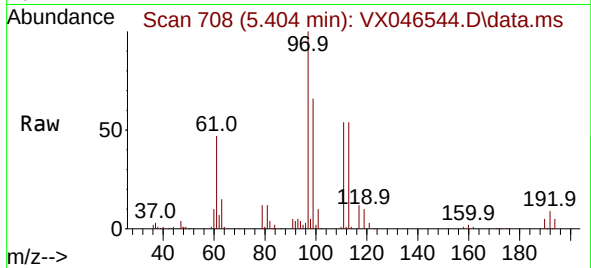




#35
Dibromofluoromethane
Concen: 55.895 ug/l
RT: 5.404 min Scan# 704
Delta R.T. 0.001 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

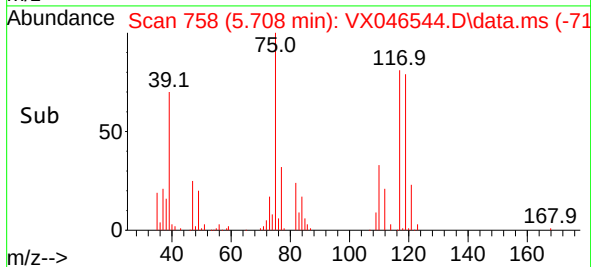
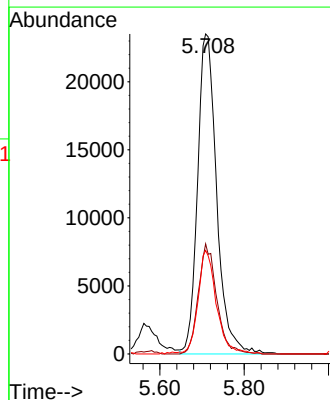
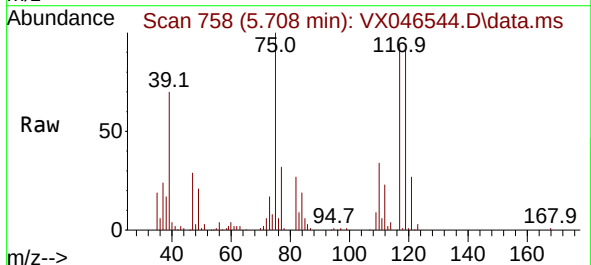
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

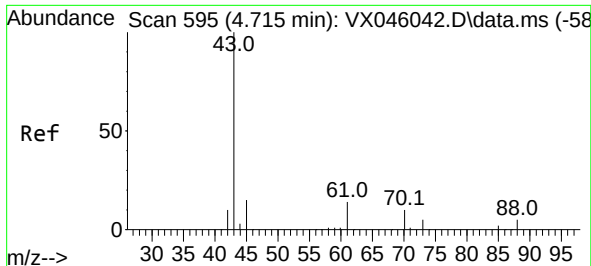
Tgt Ion:113 Resp: 51535
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 17.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 56.402 ug/l
RT: 5.708 min Scan# 758
Delta R.T. -0.006 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 75 Resp: 74282
Ion Ratio Lower Upper
75 100
110 33.1 16.3 48.9
77 30.5 24.3 36.5

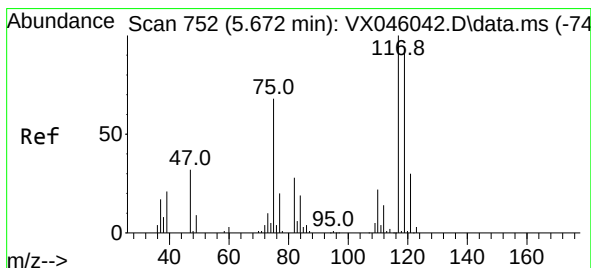
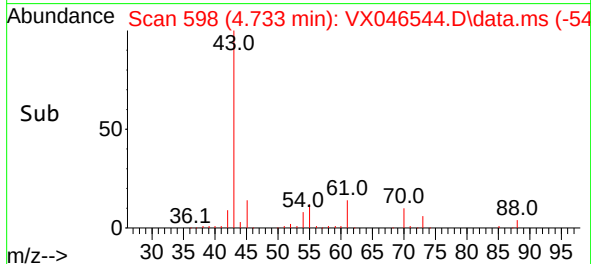
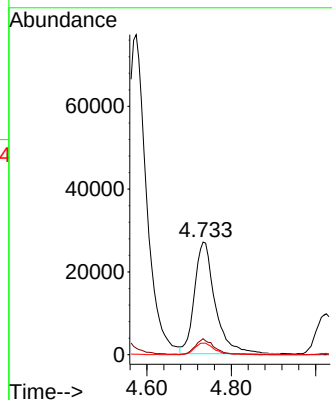
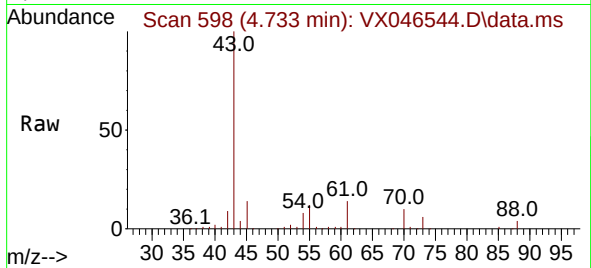




#37
Ethyl Acetate
Concen: 71.538 ug/l
RT: 4.733 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

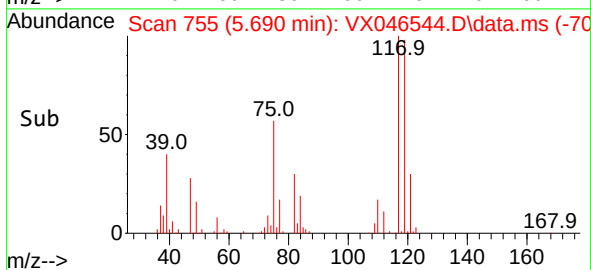
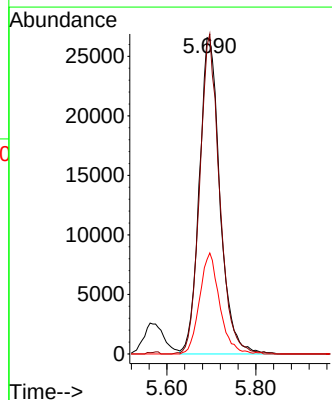
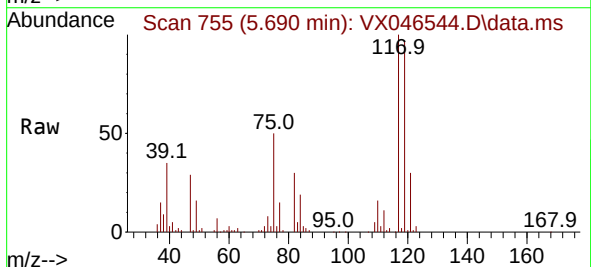
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

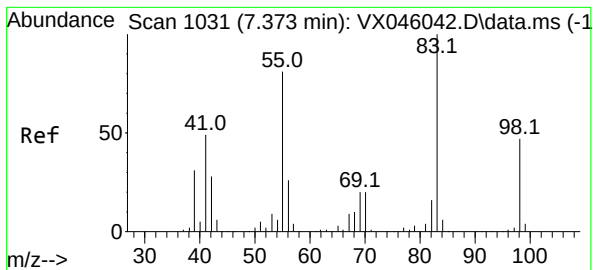
Tgt Ion: 43 Resp: 91955
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 58.210 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 117 Resp: 85868
Ion Ratio Lower Upper
117 100
119 97.4 75.2 112.8
121 29.9 24.2 36.4

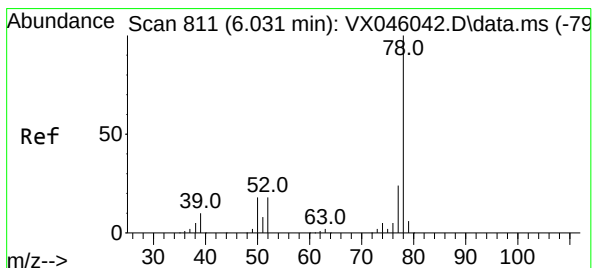
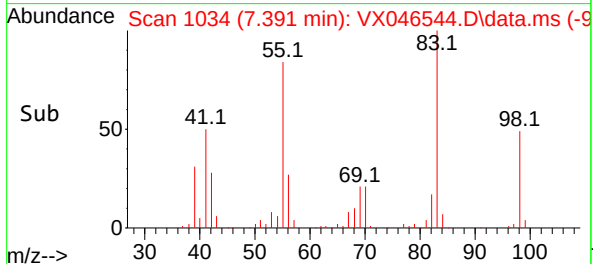
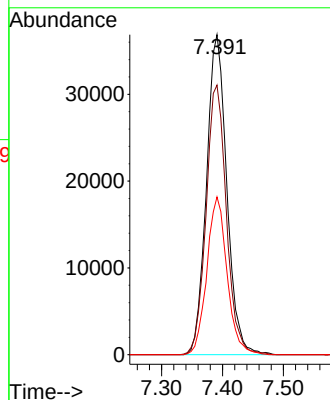
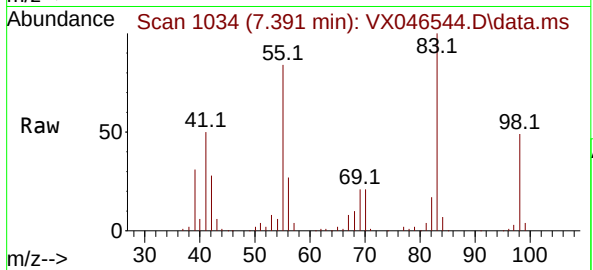




#39
Methylcyclohexane
Concen: 55.059 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

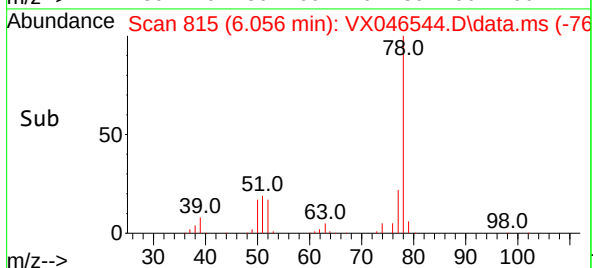
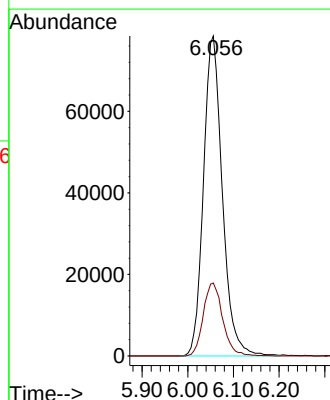
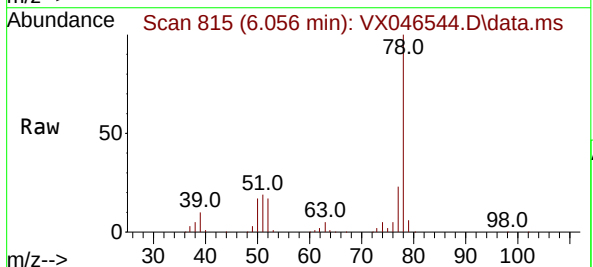
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

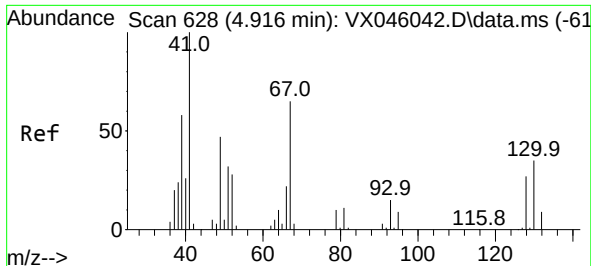
Tgt Ion: 83 Resp: 85590
Ion Ratio Lower Upper
83 100
55 84.3 64.7 97.1
98 49.3 37.4 56.2



#40
Benzene
Concen: 60.762 ug/l
RT: 6.056 min Scan# 815
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 78 Resp: 225281
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4

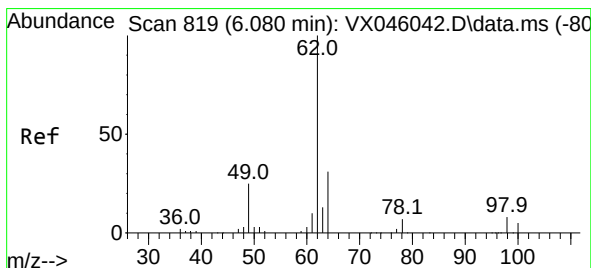
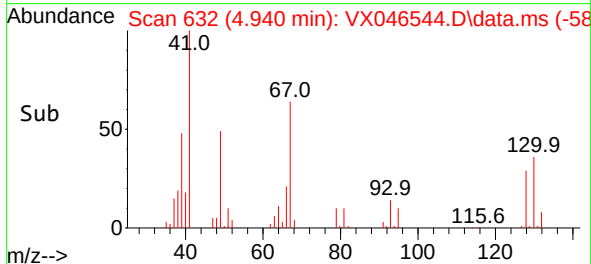
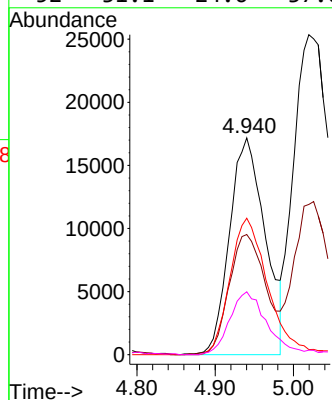
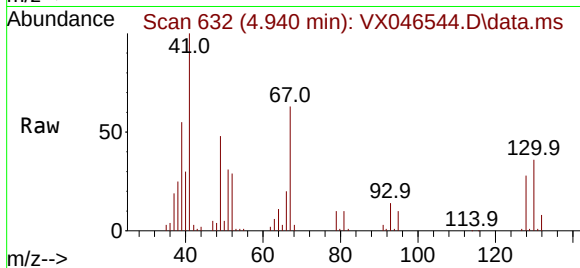




#41
Methacrylonitrile
Concen: 68.018 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

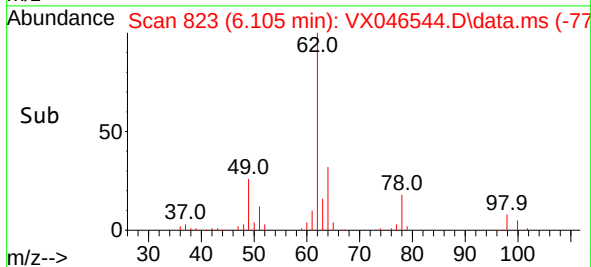
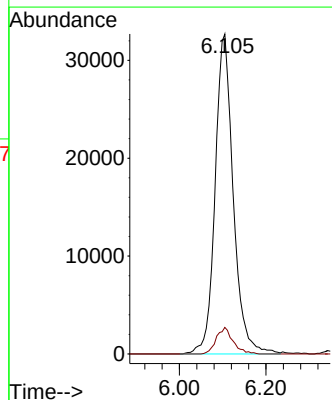
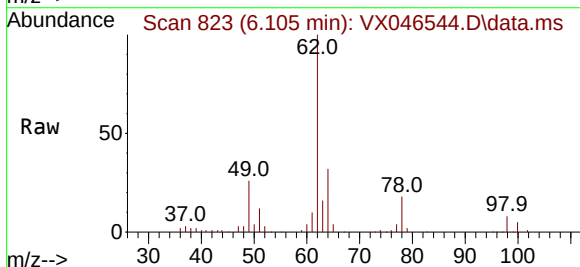
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

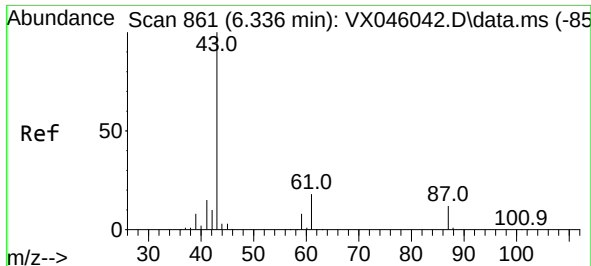
Tgt Ion:	41	Resp:	54293
Ion	Ratio	Lower	Upper
41	100		
39	57.6	47.2	70.8
67	67.9	50.7	76.1
52	31.1	24.6	37.0



#42
1,2-Dichloroethane
Concen: 61.679 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.007 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion:	62	Resp:	95137
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2





#43

Isopropyl Acetate

Concen: 68.062 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.001 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

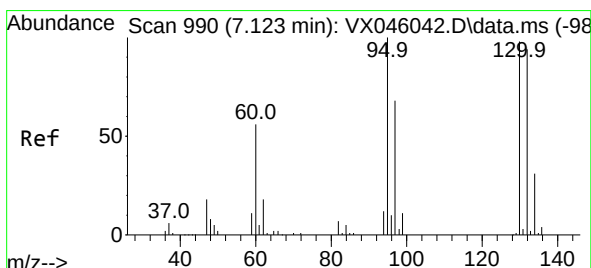
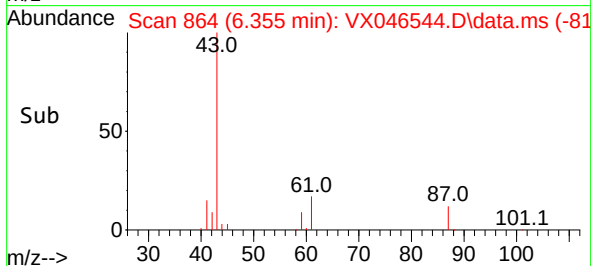
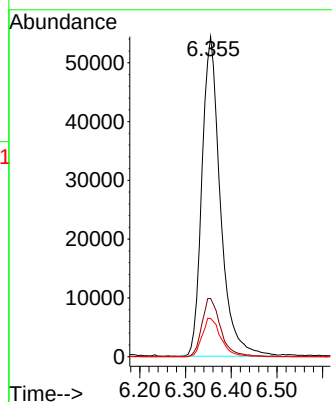
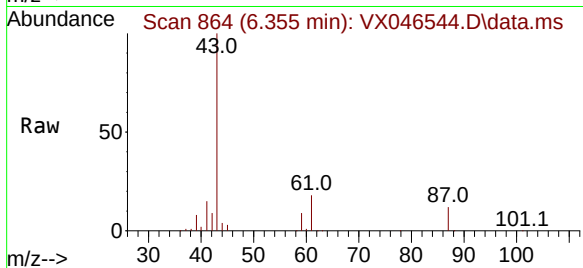
Tgt Ion: 43 Resp: 152519

Ion Ratio Lower Upper

43 100

61 18.5 14.3 21.5

87 12.1 9.5 14.3



#44

Trichloroethene

Concen: 57.777 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX046544.D

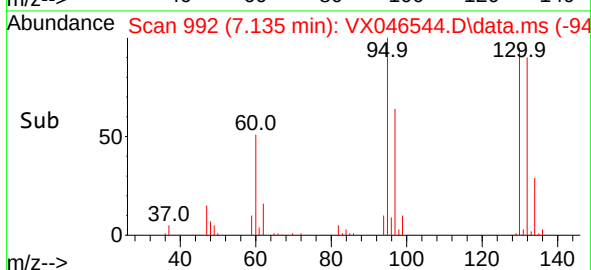
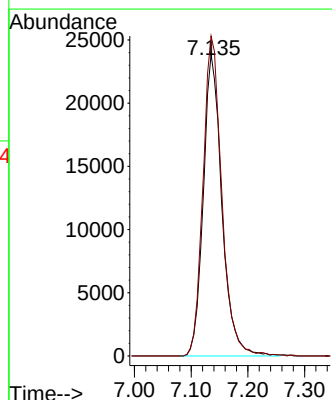
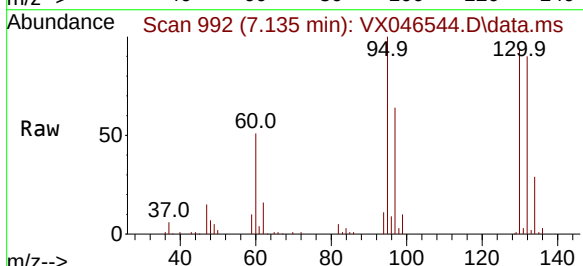
Acq: 06 Jun 2025 21:26

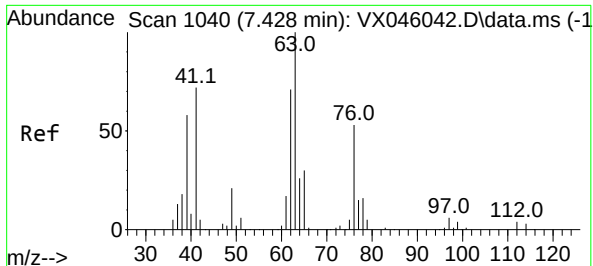
Tgt Ion:130 Resp: 54429

Ion Ratio Lower Upper

130 100

95 106.0 0.0 204.2





#45

1,2-Dichloropropane

Concen: 63.297 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

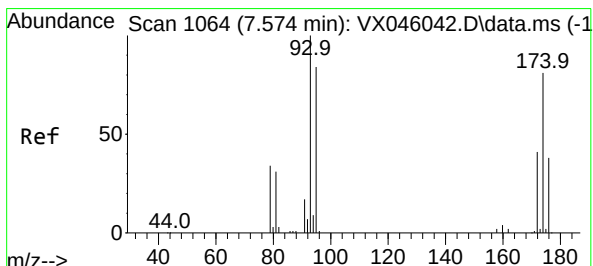
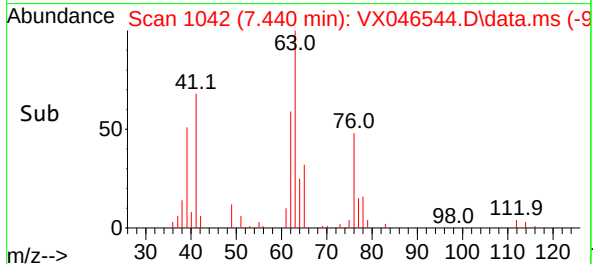
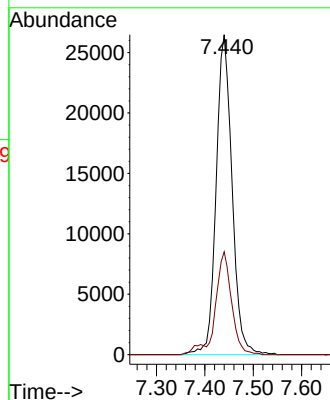
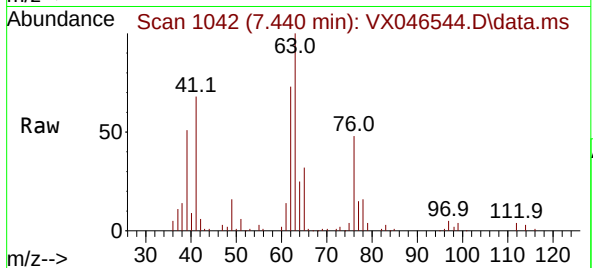
VSTDCCC050EC

Tgt Ion: 63 Resp: 60575

Ion Ratio Lower Upper

63 100

65 32.2 24.1 36.1



#46

Dibromomethane

Concen: 61.596 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

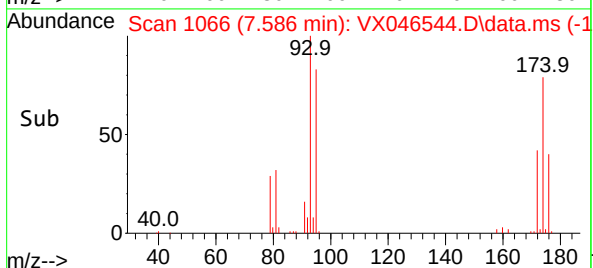
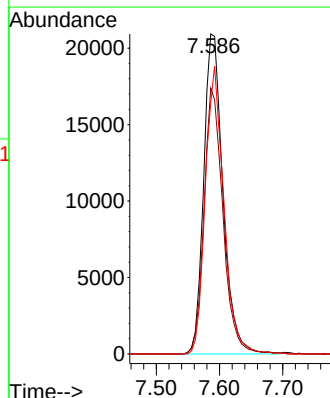
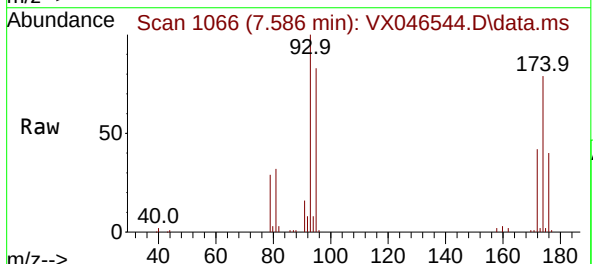
Tgt Ion: 93 Resp: 44346

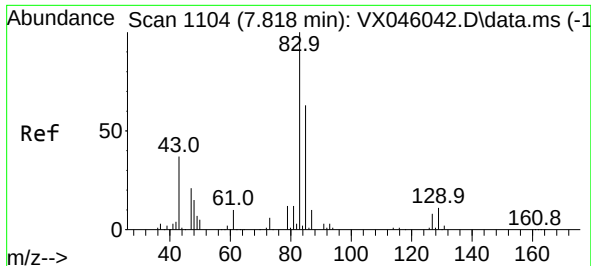
Ion Ratio Lower Upper

93 100

95 82.1 65.6 98.4

174 86.7 68.2 102.2

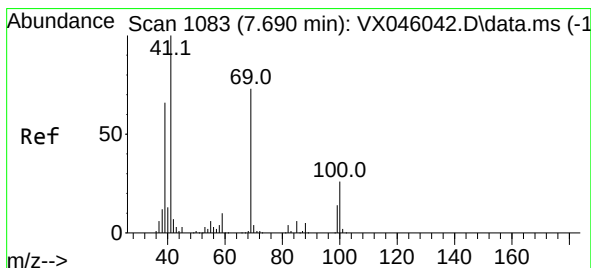
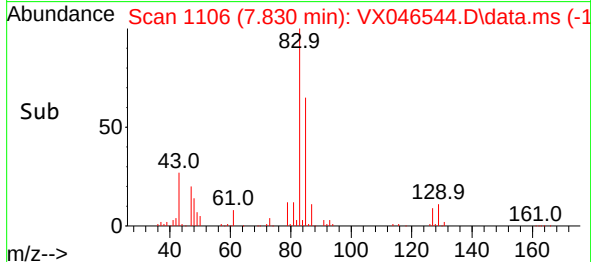
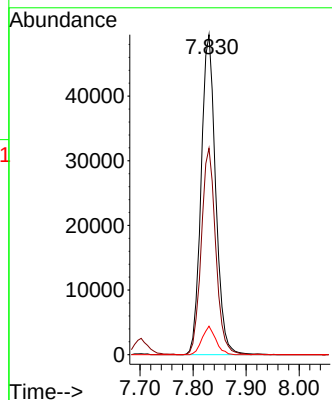
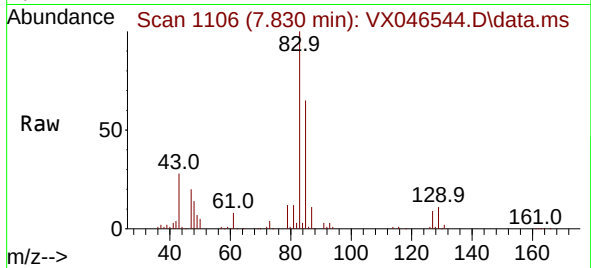




#47
Bromodichloromethane
Concen: 63.665 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

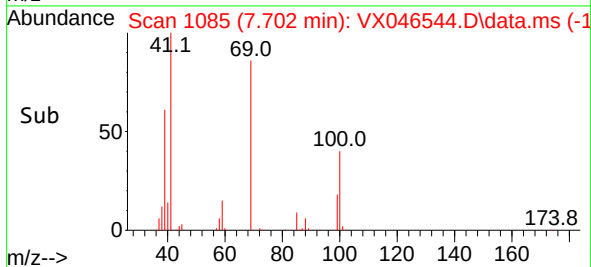
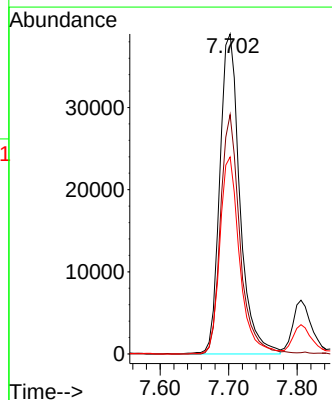
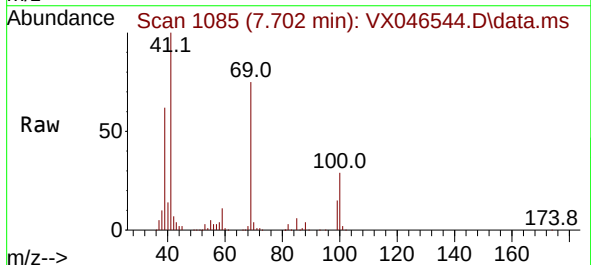
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

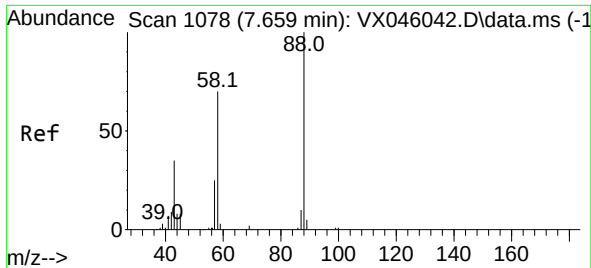
Tgt Ion: 83 Resp: 94244
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 8.9 6.5 9.7



#48
Methyl methacrylate
Concen: 68.574 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 41 Resp: 79063
Ion Ratio Lower Upper
41 100
69 72.2 58.5 87.7
39 60.6 51.7 77.5

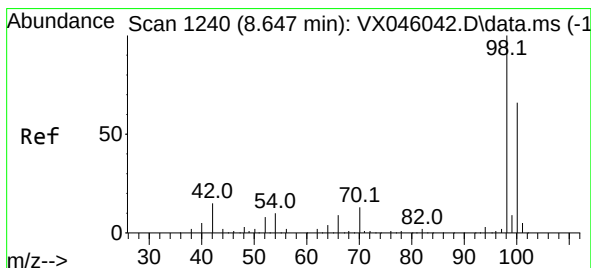
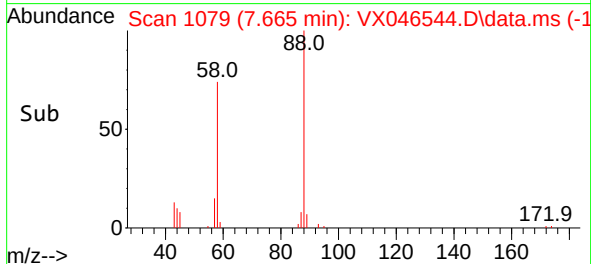
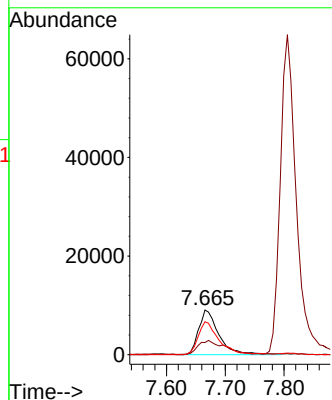
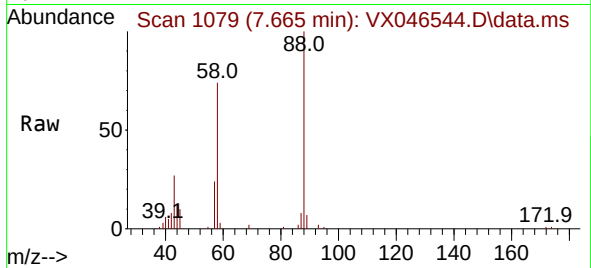




#49
1,4-Dioxane
Concen: 1404.115 ug/l
RT: 7.665 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

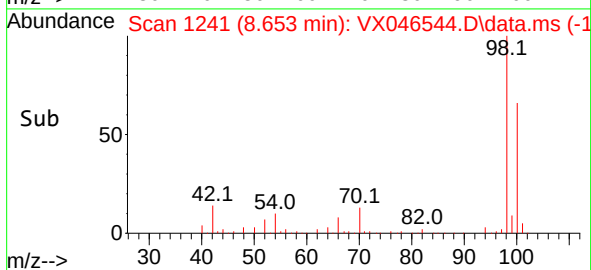
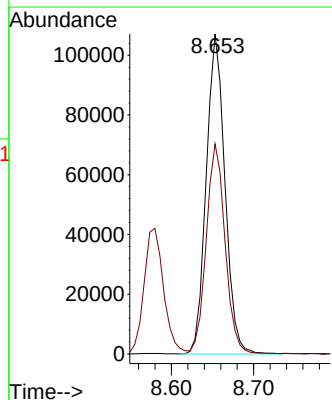
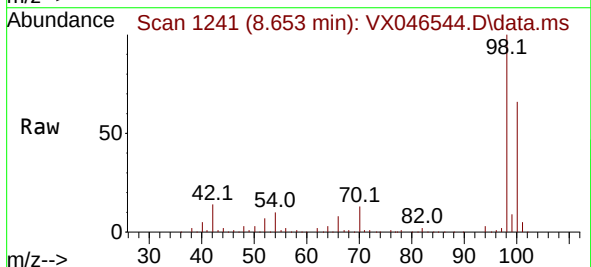
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

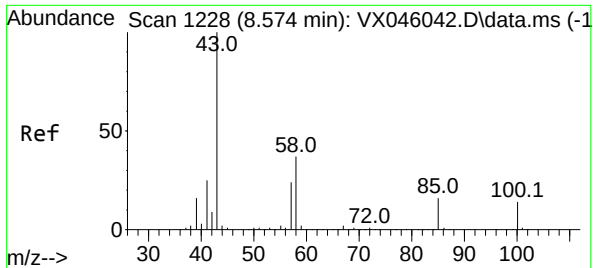
Tgt Ion: 88 Resp: 21649
Ion Ratio Lower Upper
88 100
43 40.5 33.4 50.2
58 76.4 58.6 88.0



#50
Toluene-d8
Concen: 55.685 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 98 Resp: 169266
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3

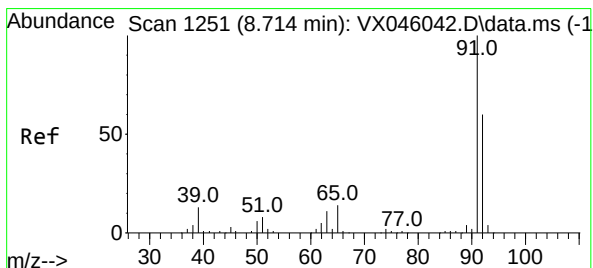
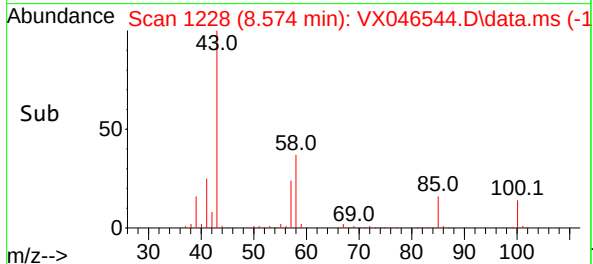
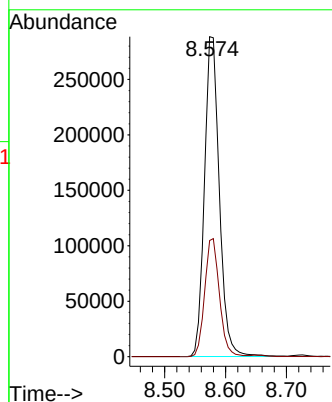
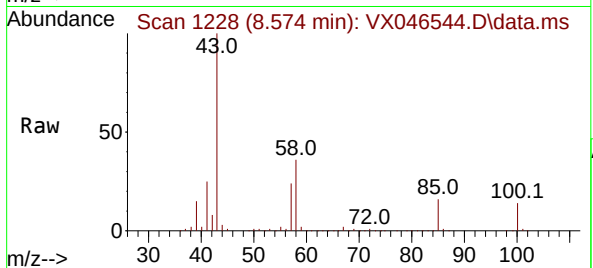




#51
4-Methyl-2-Pentanone
Concen: 344.668 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

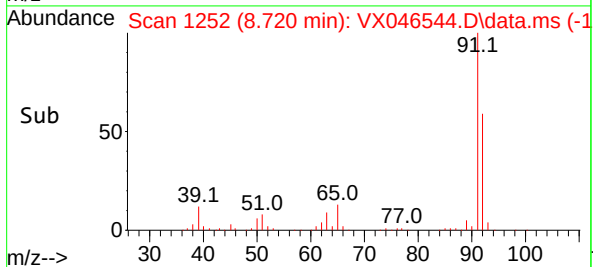
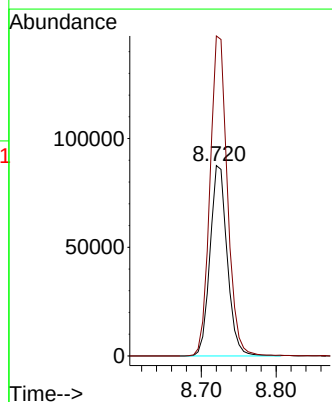
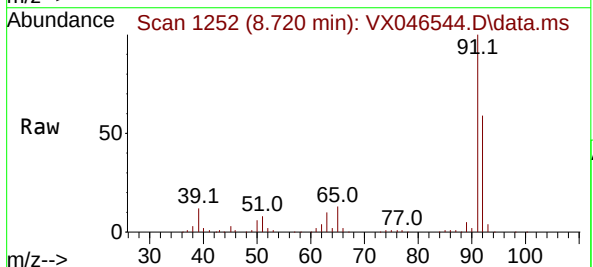
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

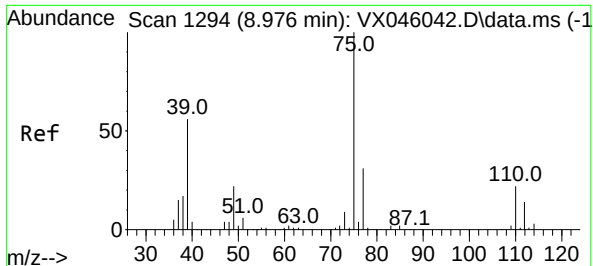
Tgt Ion: 43 Resp: 490805
Ion Ratio Lower Upper
43 100
58 36.6 28.9 43.3



#52
Toluene
Concen: 61.404 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 92 Resp: 139865
Ion Ratio Lower Upper
92 100
91 170.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 61.872 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

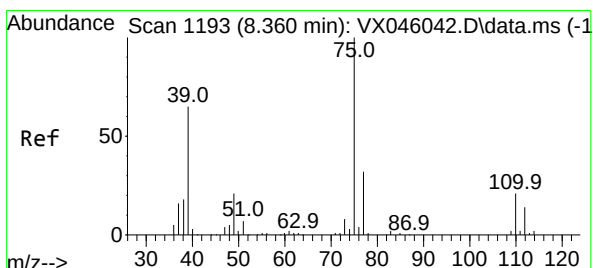
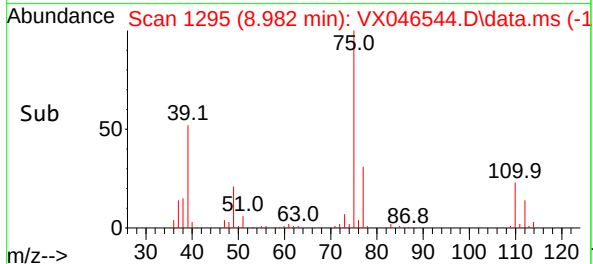
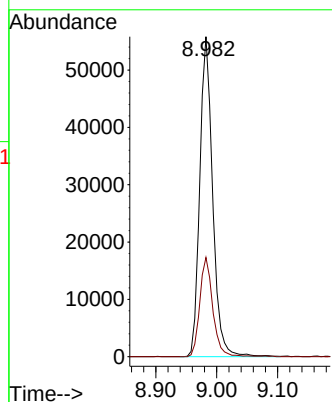
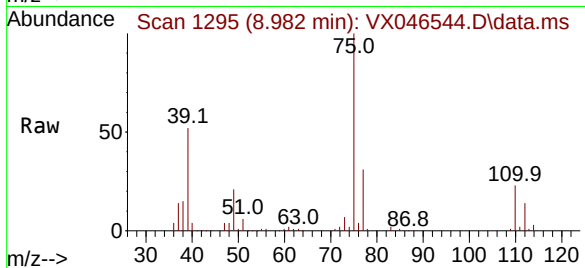
VSTDCCC050EC

Tgt Ion: 75 Resp: 82120

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 59.769 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.001 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

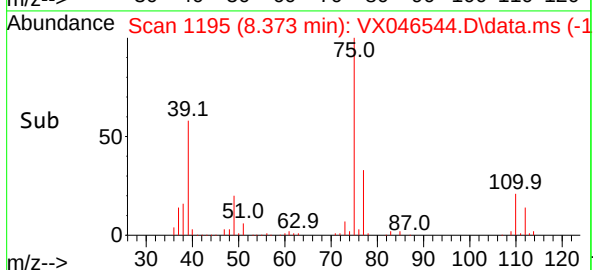
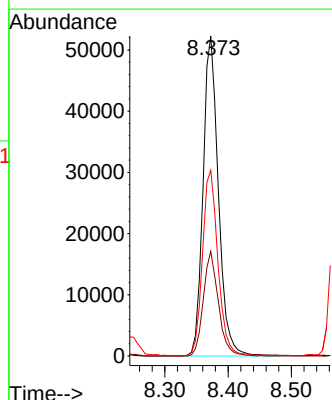
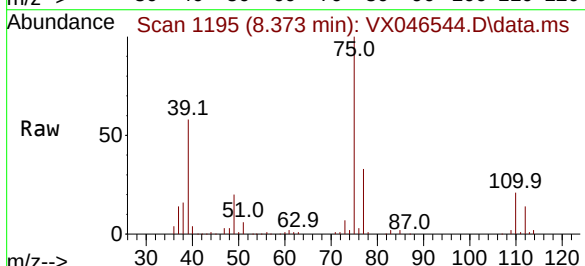
Tgt Ion: 75 Resp: 88203

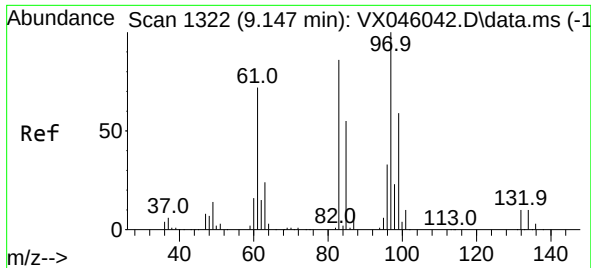
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0

39 58.0 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 64.744 ug/l

RT: 9.153 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 59203

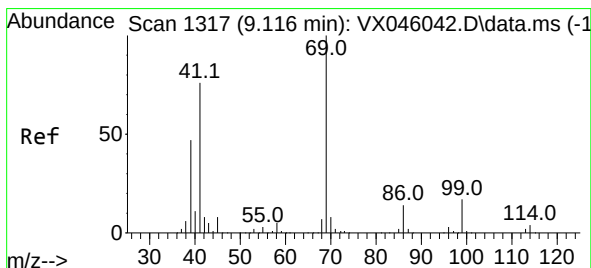
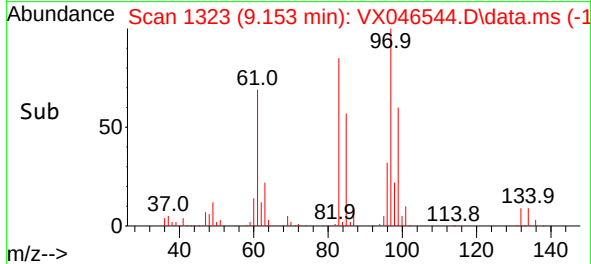
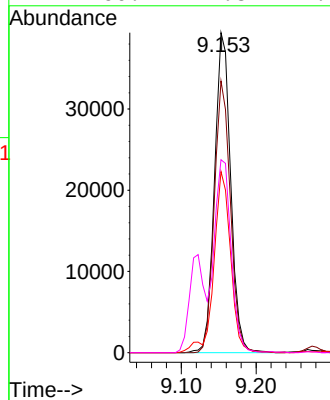
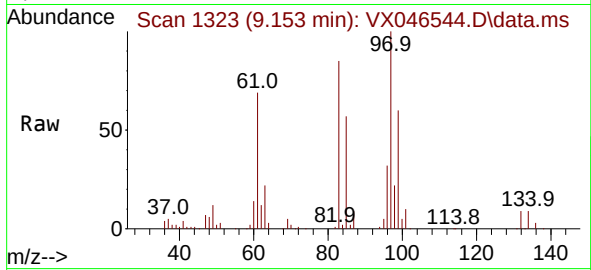
Ion Ratio Lower Upper

97 100

83 84.9 69.0 103.6

85 56.6 44.3 66.5

99 60.1 47.8 71.6



#56

Ethyl methacrylate

Concen: 68.698 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

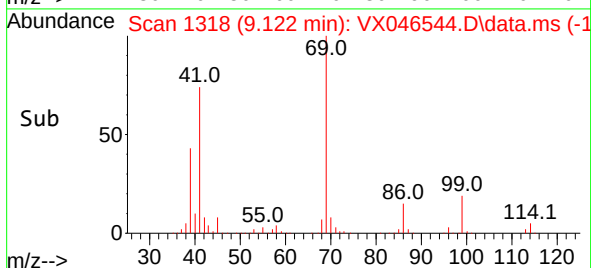
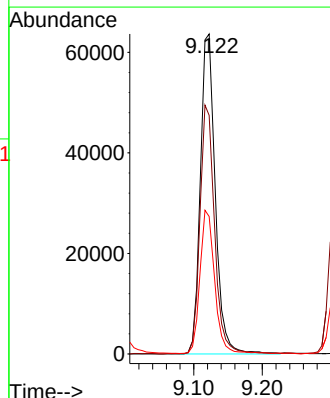
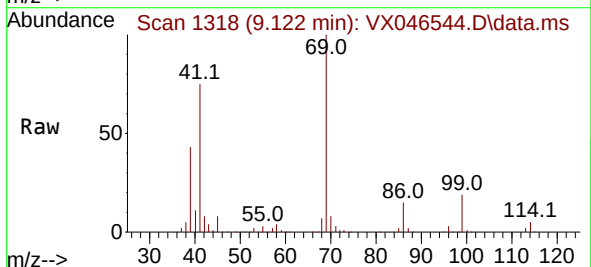
Tgt Ion: 69 Resp: 96670

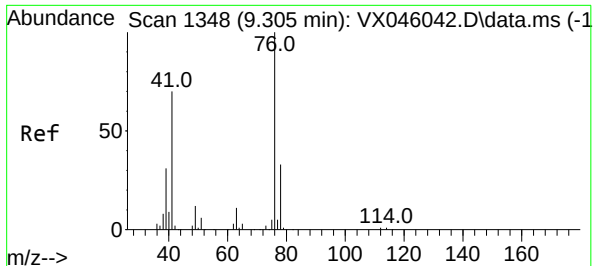
Ion Ratio Lower Upper

69 100

41 76.2 60.8 91.2

39 44.2 39.0 58.6





#57

1,3-Dichloropropane

Concen: 63.241 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

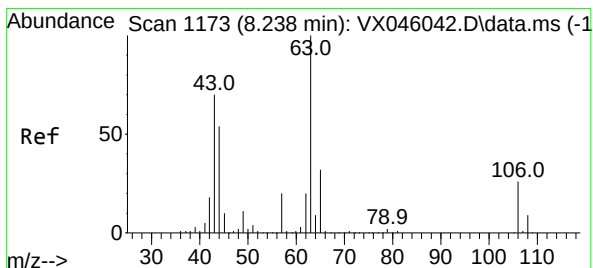
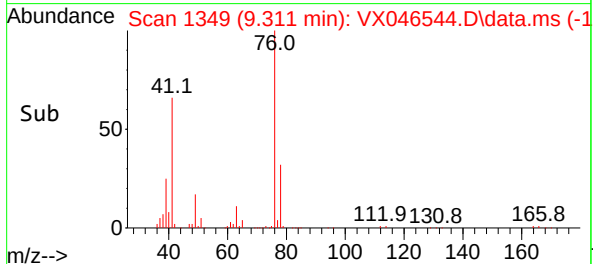
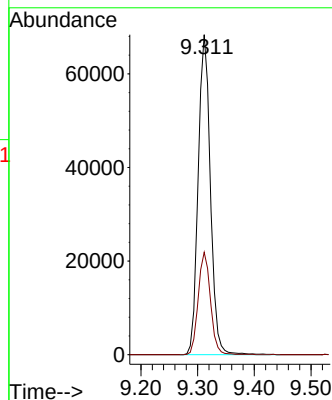
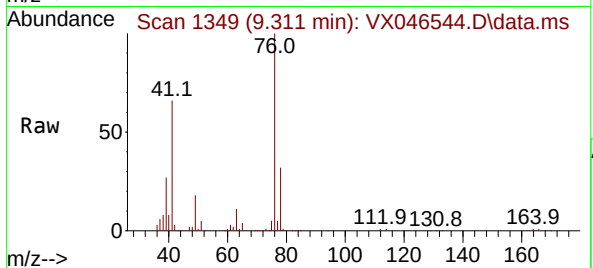
VSTDCCC050EC

Tgt Ion: 76 Resp: 102195

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 285.751 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX046544.D

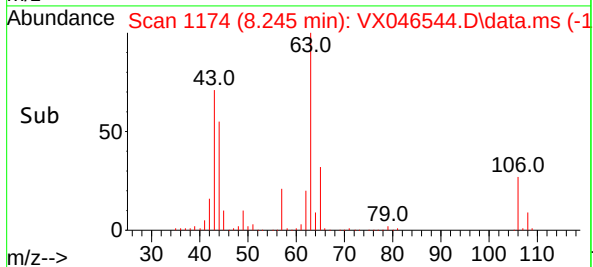
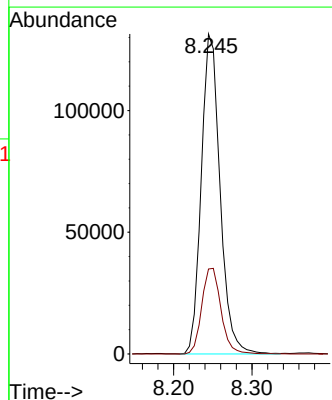
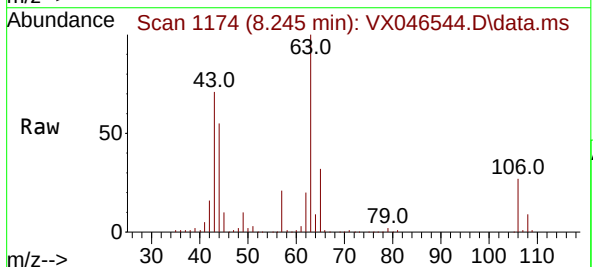
Acq: 06 Jun 2025 21:26

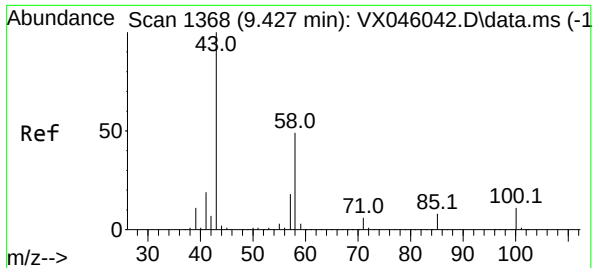
Tgt Ion: 63 Resp: 219020

Ion Ratio Lower Upper

63 100

106 27.3 21.5 32.3

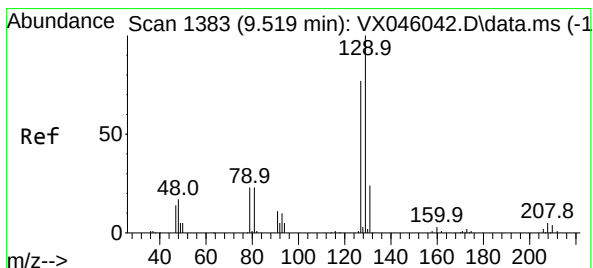
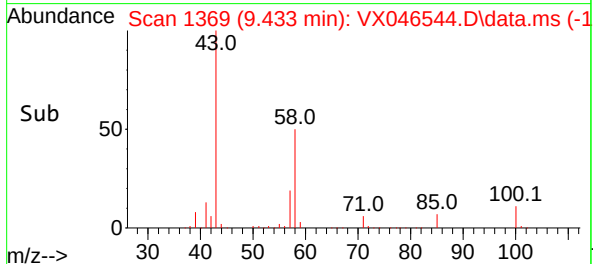
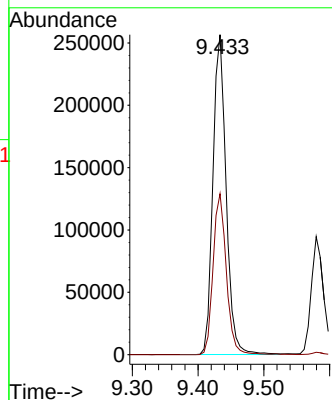
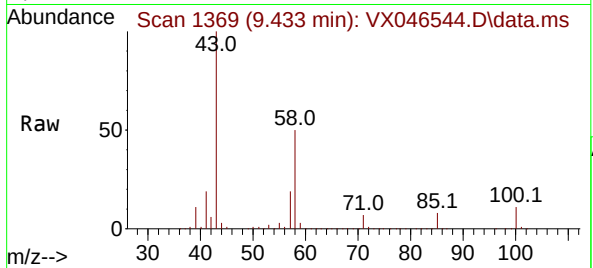




#59
2-Hexanone
Concen: 351.243 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

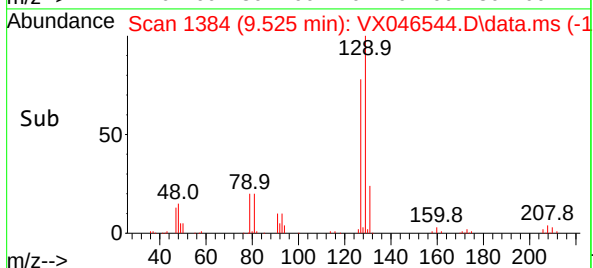
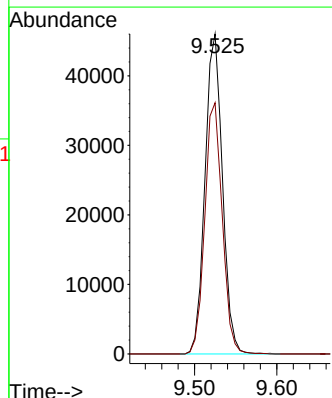
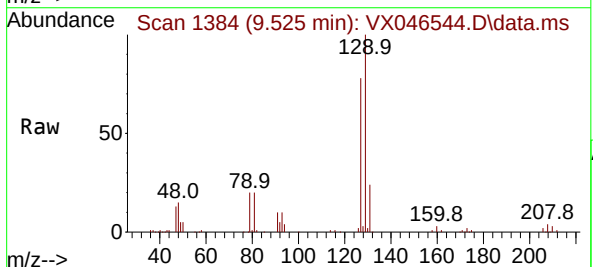
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

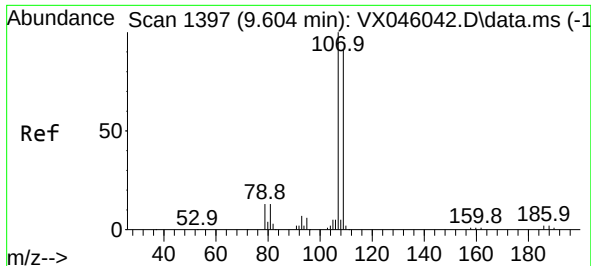
Tgt Ion: 43 Resp: 358714
Ion Ratio Lower Upper
43 100
58 50.6 24.9 74.6



#60
Dibromochloromethane
Concen: 63.009 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 129 Resp: 67772
Ion Ratio Lower Upper
129 100
127 78.8 39.3 117.8

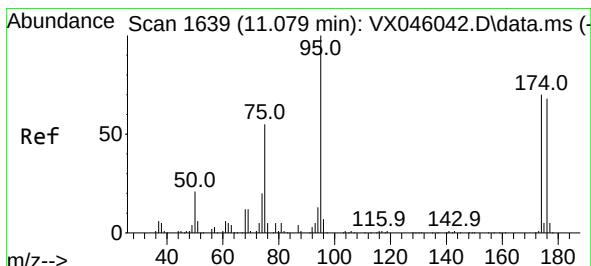
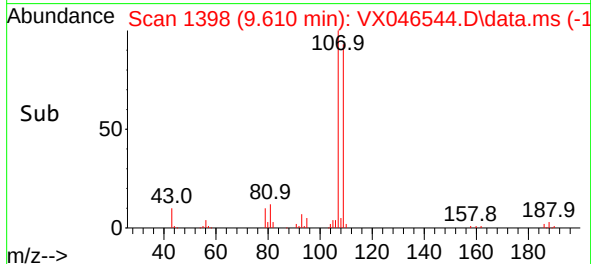
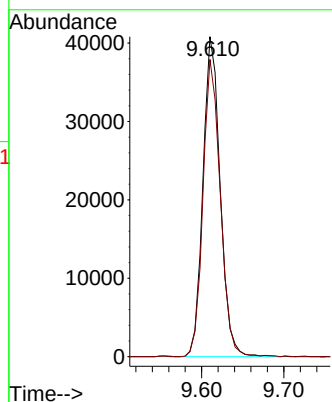
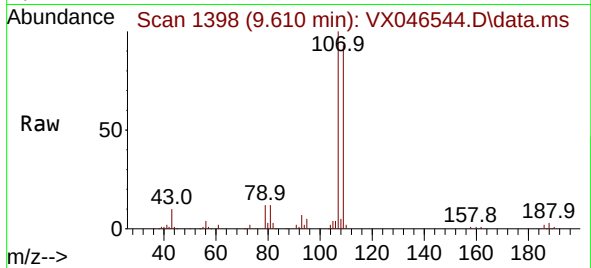




#61
1,2-Dibromoethane
Concen: 62.317 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

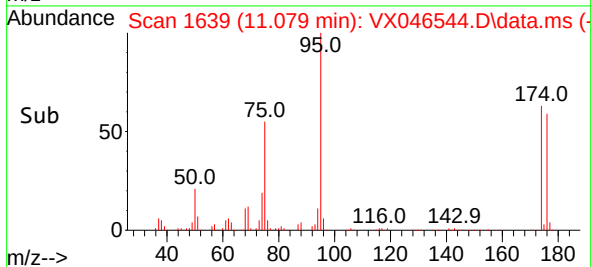
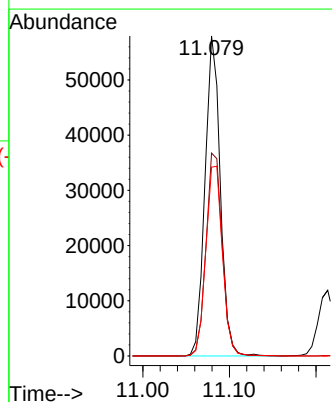
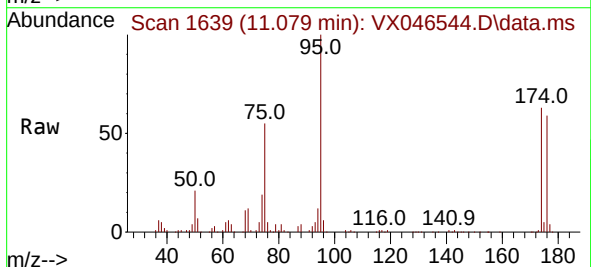
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

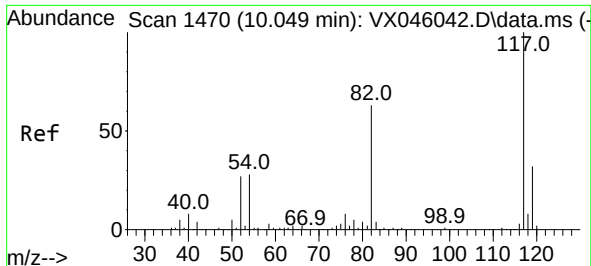
Tgt Ion:107 Resp: 59380
Ion Ratio Lower Upper
107 100
109 93.5 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 56.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 95 Resp: 71019
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 64.7 0.0 131.4

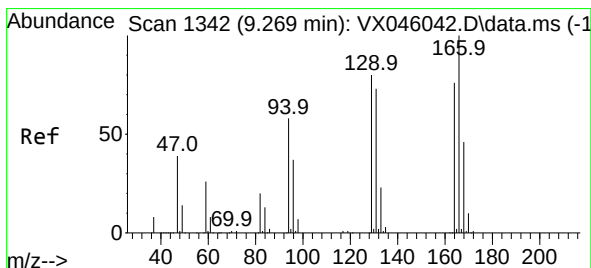
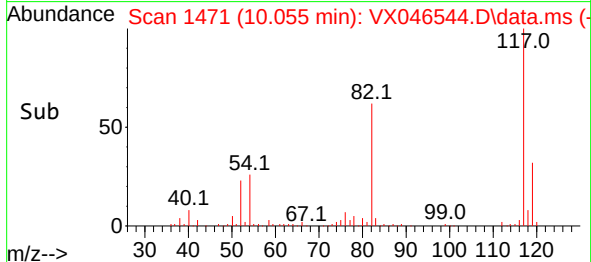
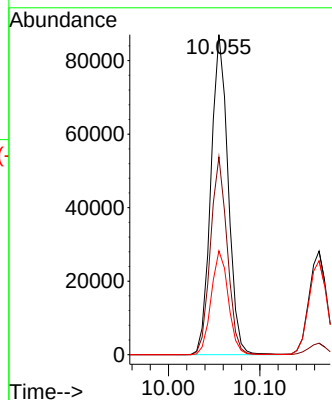
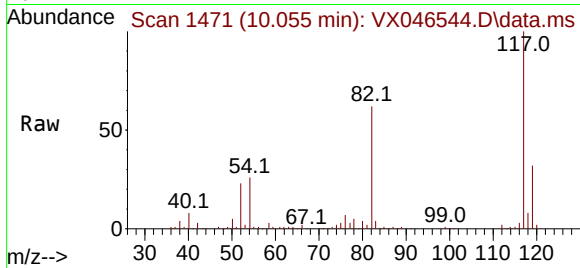




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

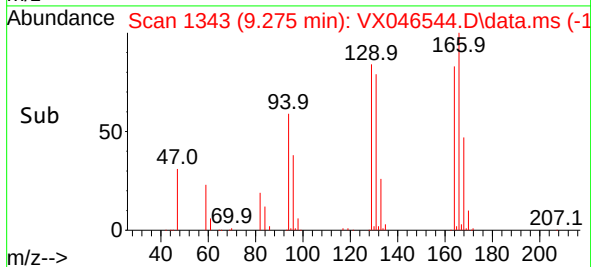
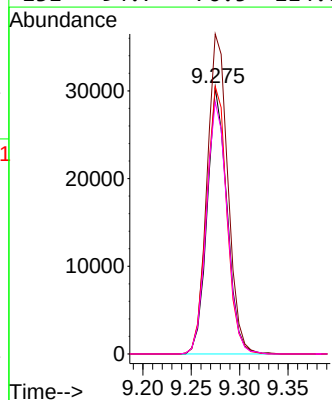
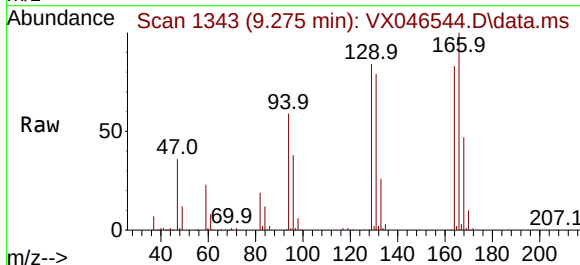
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

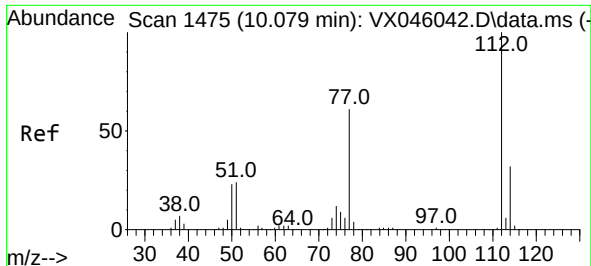
Tgt Ion:117 Resp: 113288
Ion Ratio Lower Upper
117 100
82 61.8 50.6 76.0
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 57.157 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion:164 Resp: 43299
Ion Ratio Lower Upper
164 100
166 120.2 105.0 157.6
129 100.5 83.5 125.3
131 94.7 76.5 114.7

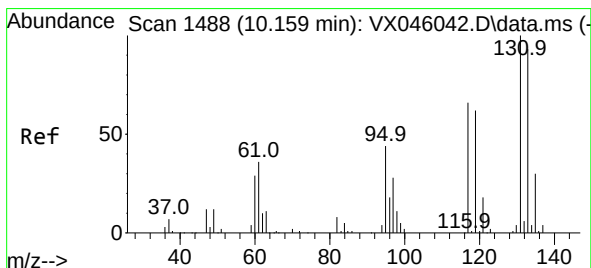
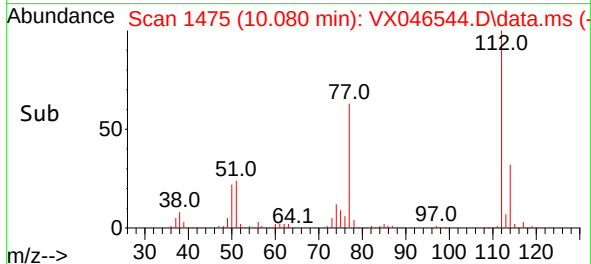
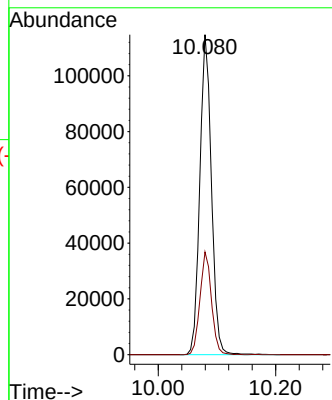
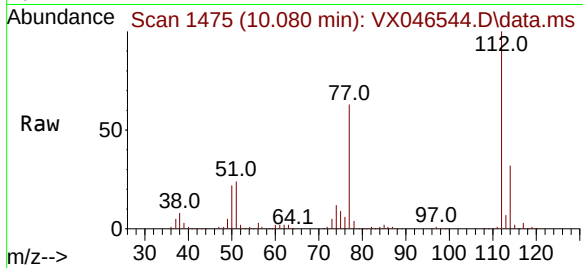




#65
Chlorobenzene
Concen: 58.955 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

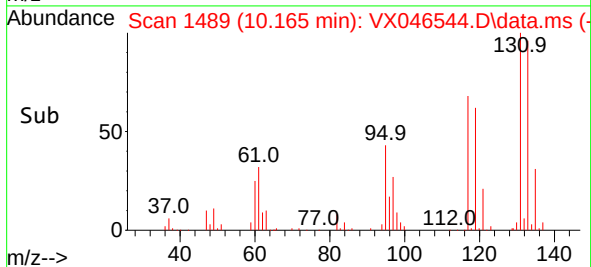
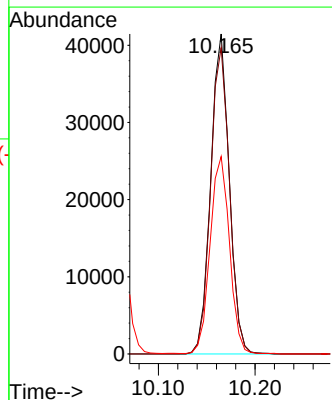
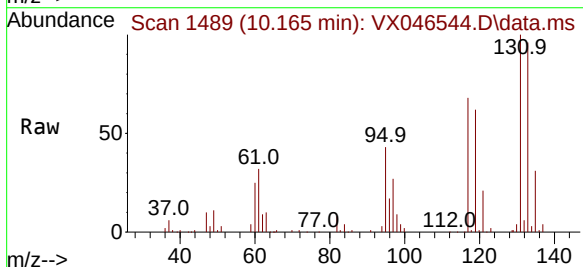
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

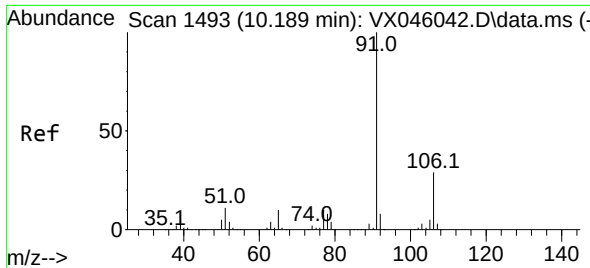
Tgt Ion:112 Resp: 157080
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 61.396 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion:131 Resp: 55278
Ion Ratio Lower Upper
131 100
133 97.3 47.3 141.9
119 64.6 31.6 95.0

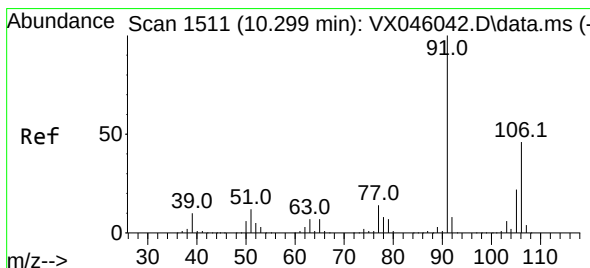
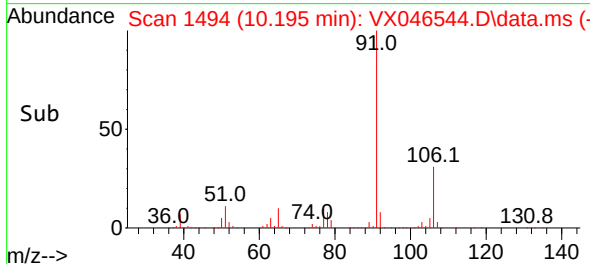
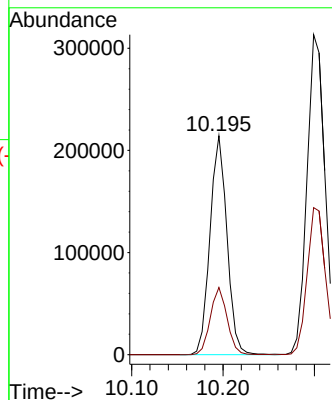
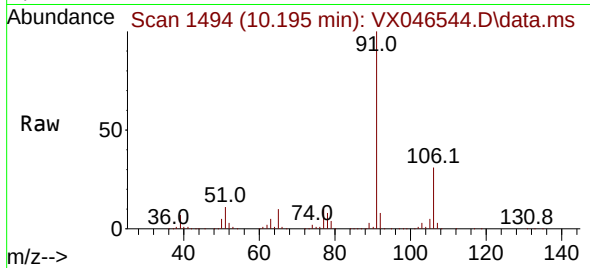




#67
Ethyl Benzene
Concen: 59.367 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

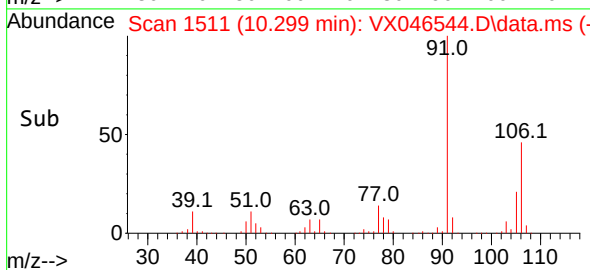
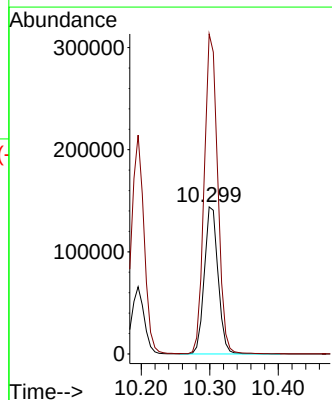
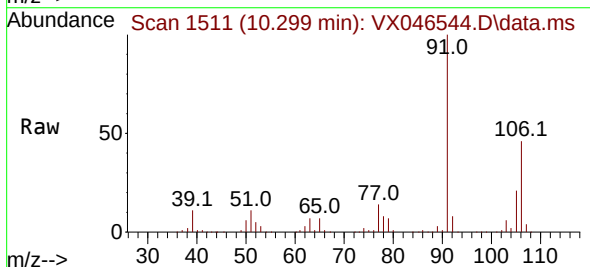
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

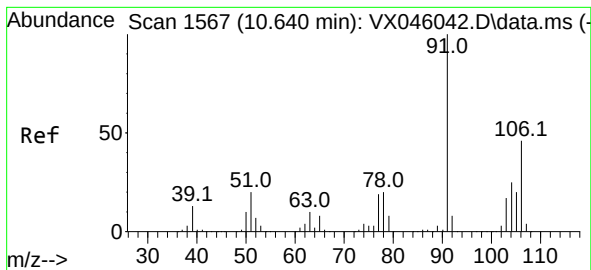
Tgt Ion: 91 Resp: 276138
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.2



#68
m/p-Xylenes
Concen: 119.214 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 106 Resp: 201148
Ion Ratio Lower Upper
106 100
91 214.1 171.2 256.8





#69

o-Xylene

Concen: 61.212 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

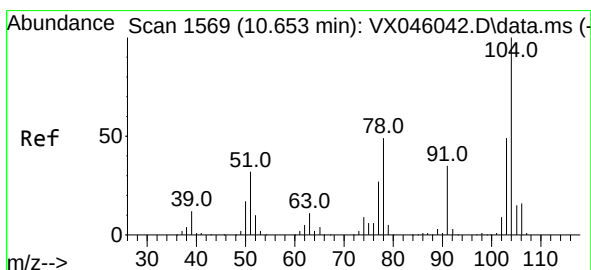
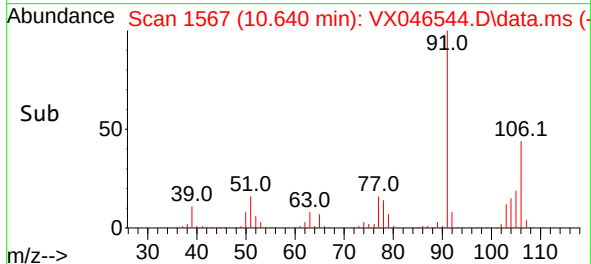
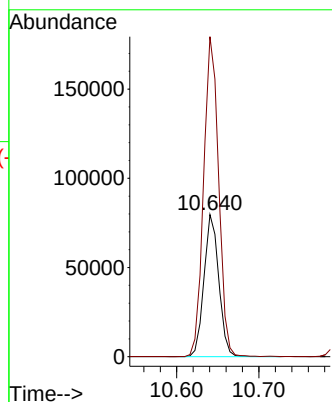
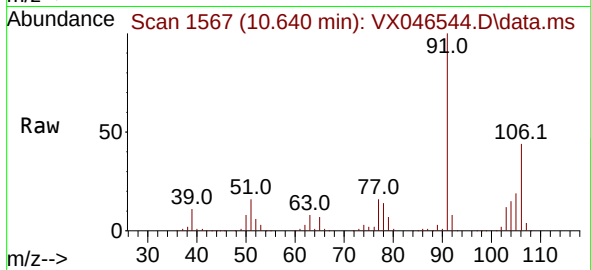
VSTDCCC050EC

Tgt Ion:106 Resp: 99899

Ion Ratio Lower Upper

106 100

91 228.4 112.7 338.1



#70

Styrene

Concen: 62.200 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.005 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

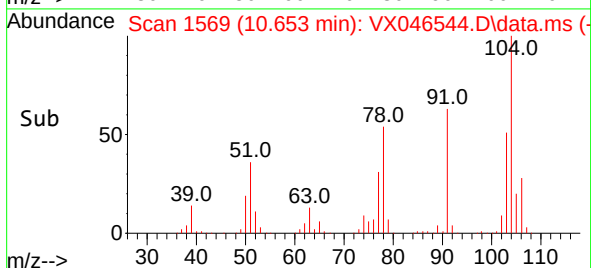
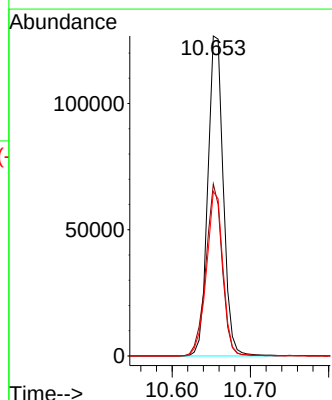
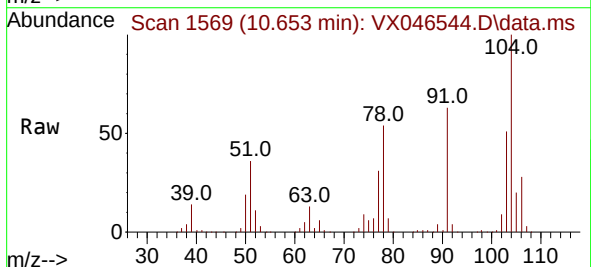
Tgt Ion:104 Resp: 173768

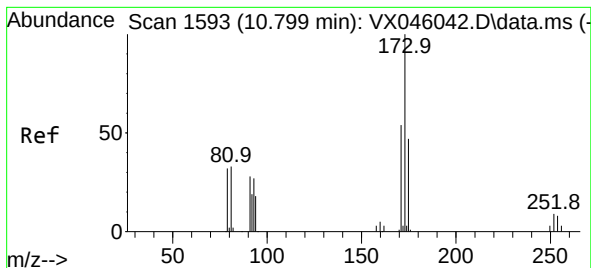
Ion Ratio Lower Upper

104 100

78 56.7 45.7 68.5

103 54.9 43.7 65.5





#71

Bromoform

Concen: 63.222 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

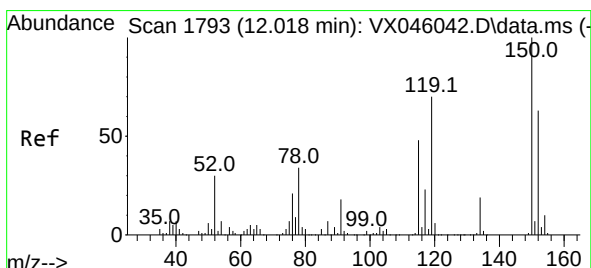
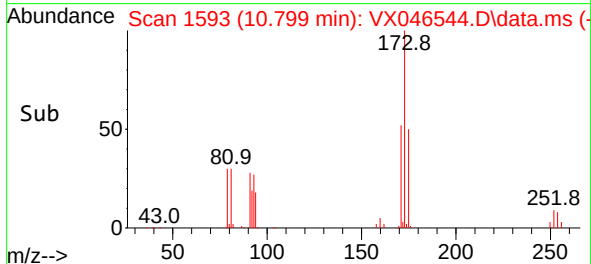
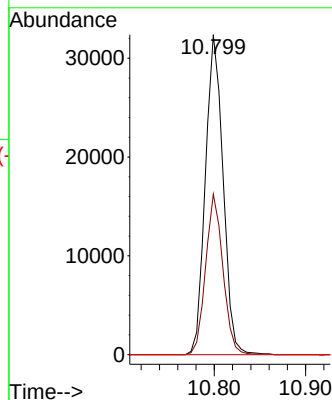
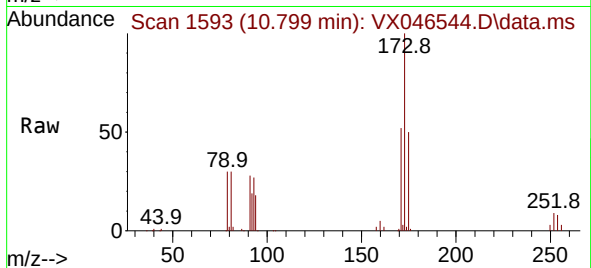
Tgt Ion:173 Resp: 43402

Ion Ratio Lower Upper

173 100

175 49.2 23.4 70.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

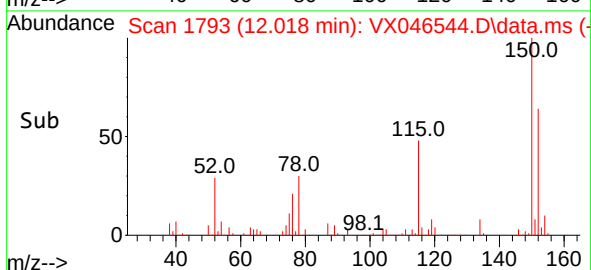
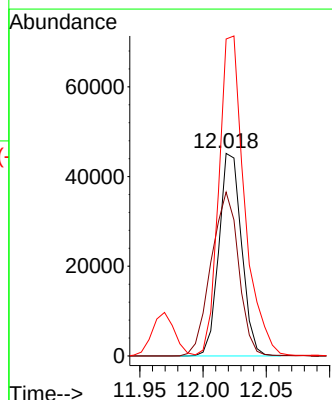
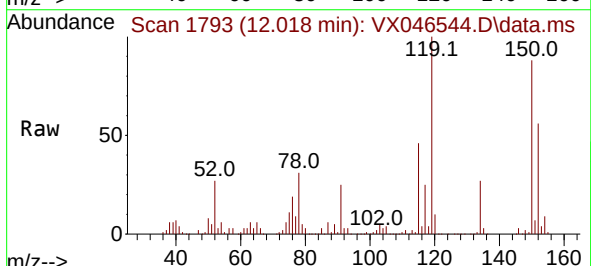
Tgt Ion:152 Resp: 56223

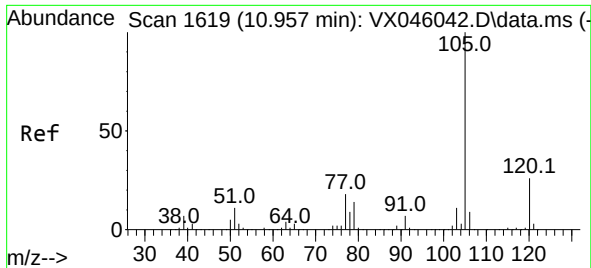
Ion Ratio Lower Upper

152 100

115 98.3 46.9 140.7

150 178.4 0.0 351.0

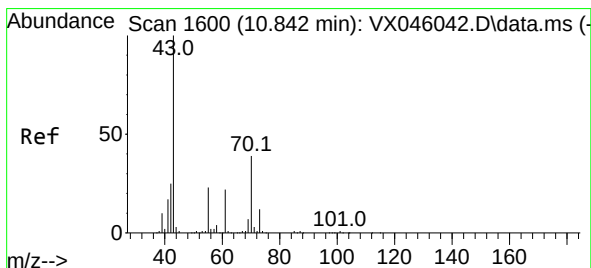
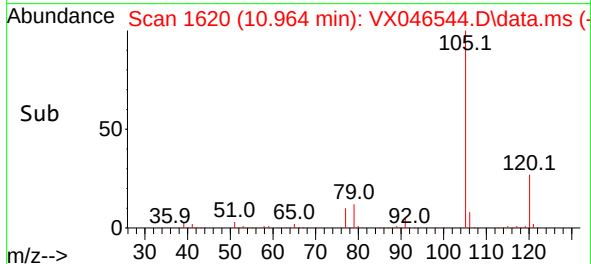
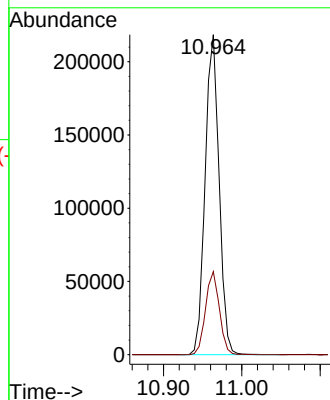
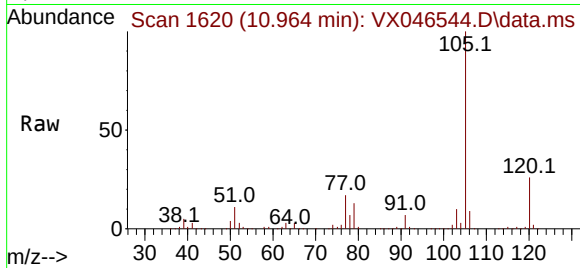




#73
Isopropylbenzene
Concen: 61.015 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

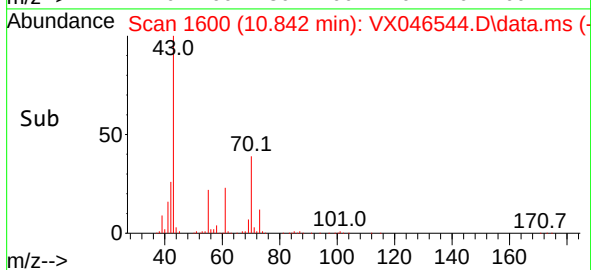
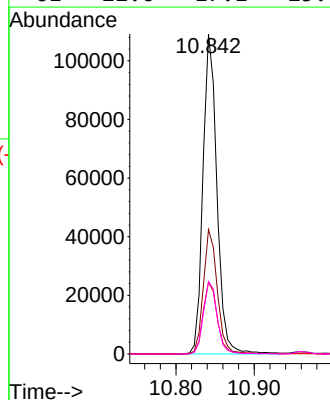
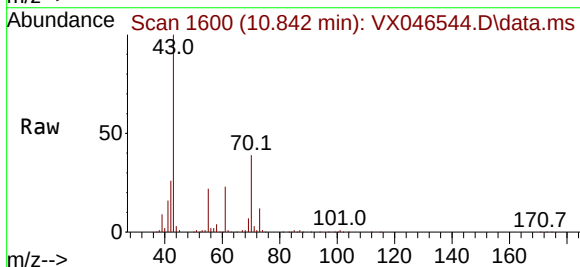
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

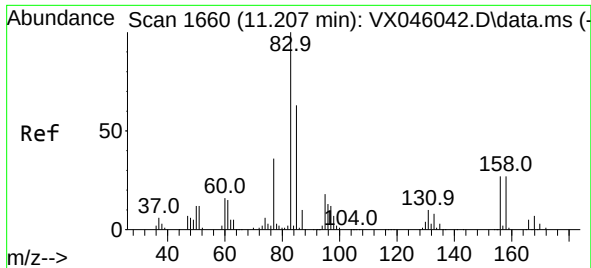
Tgt Ion:105 Resp: 269665
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4



#74
N-ethyl acetate
Concen: 69.515 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 43 Resp: 135298
Ion Ratio Lower Upper
43 100
70 38.7 30.9 46.3
55 23.1 18.7 28.1
61 22.6 17.1 25.7

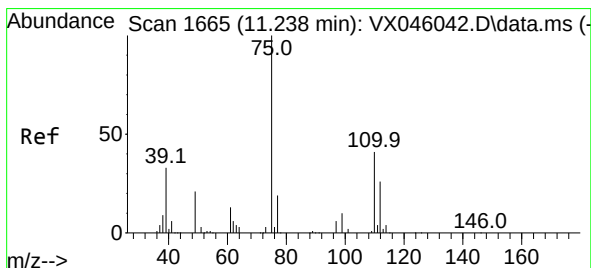
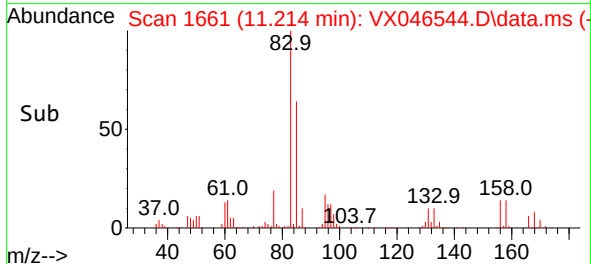
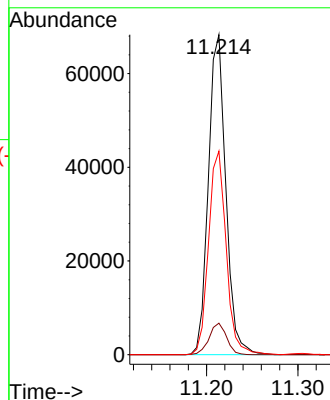
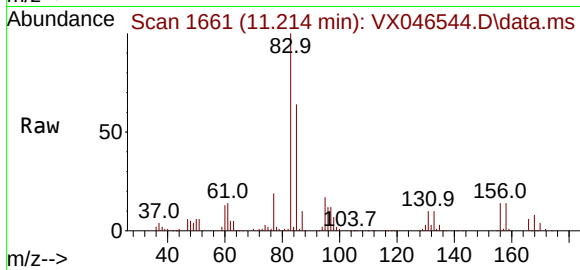




#75
1,1,2,2-Tetrachloroethane
Concen: 63.795 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

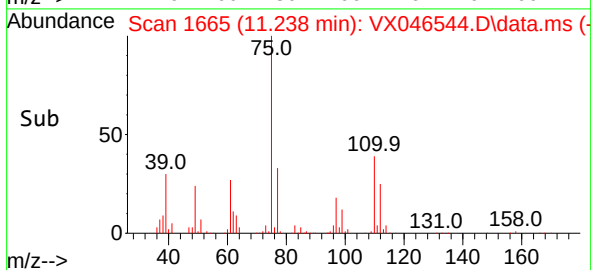
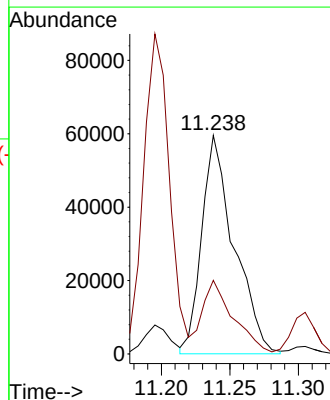
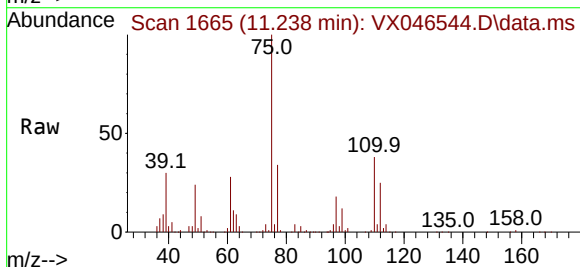
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

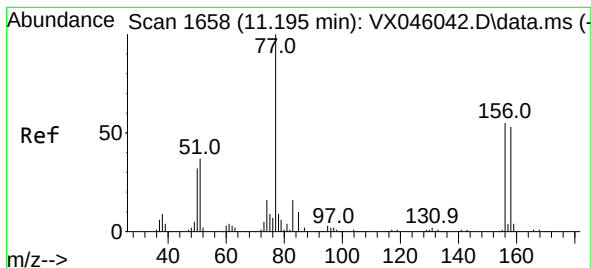
Tgt Ion: 83 Resp: 90249
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 82.364 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 75 Resp: 98085
Ion Ratio Lower Upper
75 100
77 32.6 20.5 61.5





#77

Bromobenzene

Concen: 61.539 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

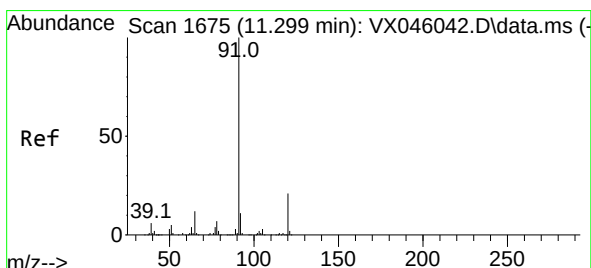
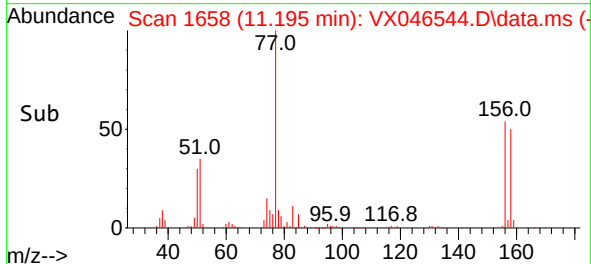
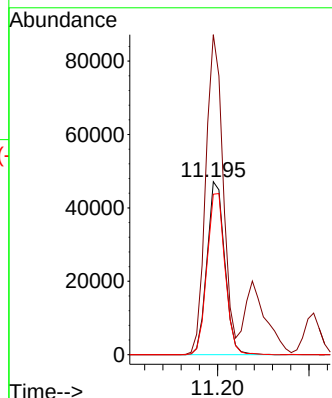
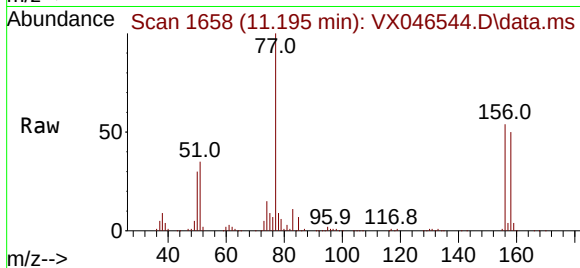
Tgt Ion:156 Resp: 63130

Ion Ratio Lower Upper

156 100

77 181.5 92.8 278.3

158 95.2 48.8 146.3



#78

n-propylbenzene

Concen: 59.636 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX046544.D

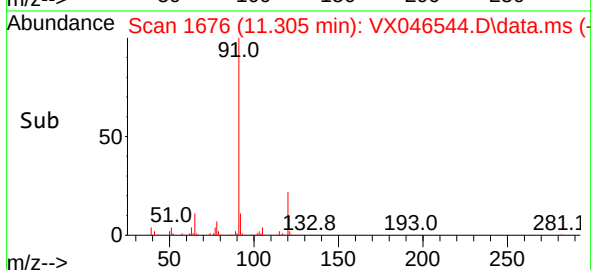
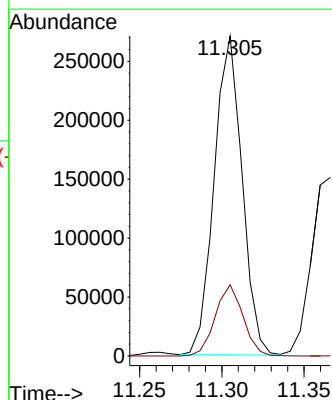
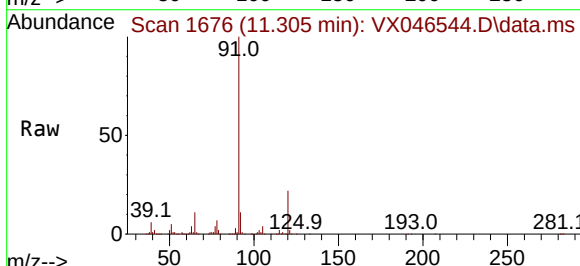
Acq: 06 Jun 2025 21:26

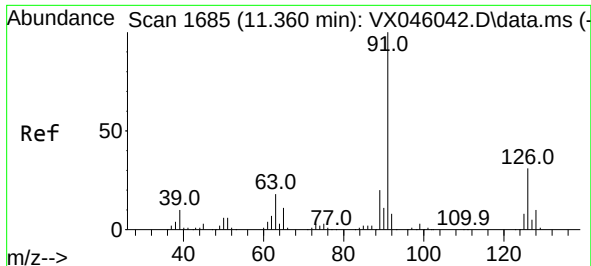
Tgt Ion: 91 Resp: 319019

Ion Ratio Lower Upper

91 100

120 22.3 10.8 32.4

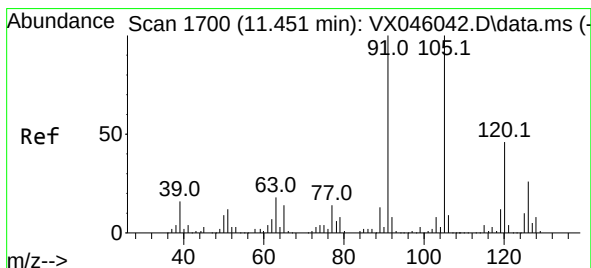
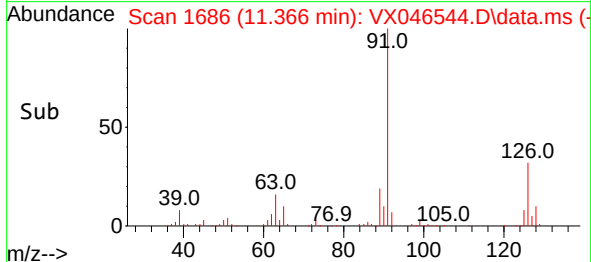
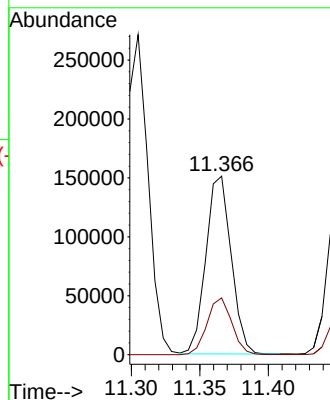
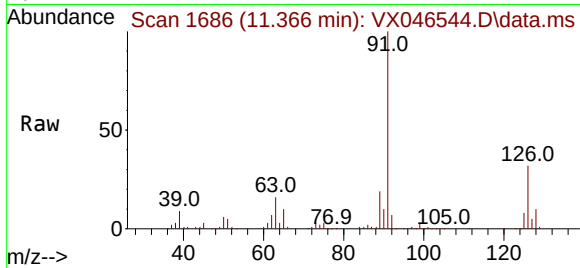




#79
2-Chlorotoluene
Concen: 60.070 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

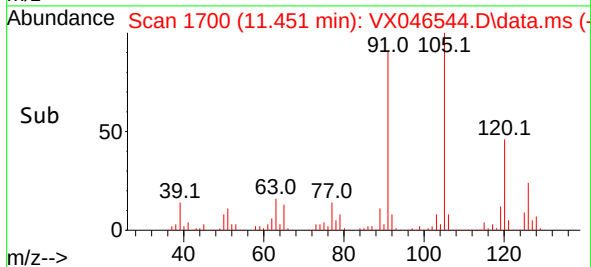
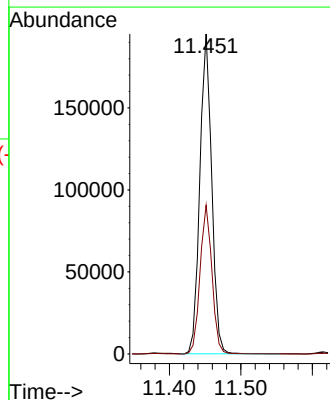
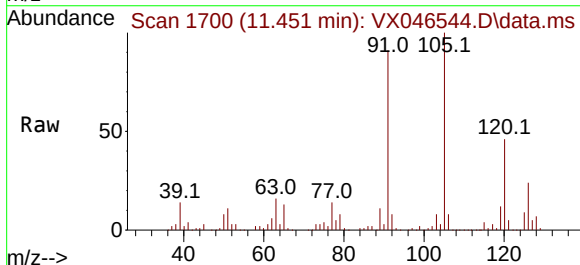
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

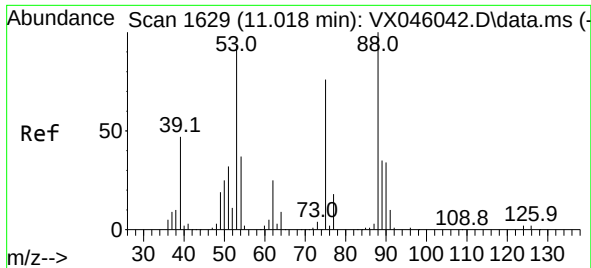
Tgt Ion: 91 Resp: 193777
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 60.777 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion:105 Resp: 223836
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2

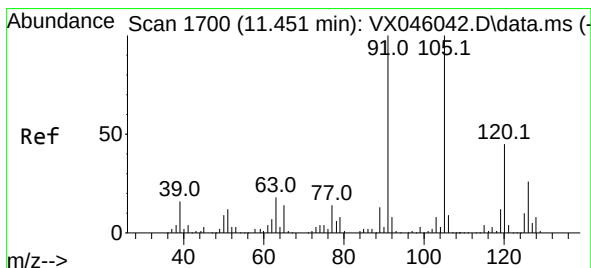
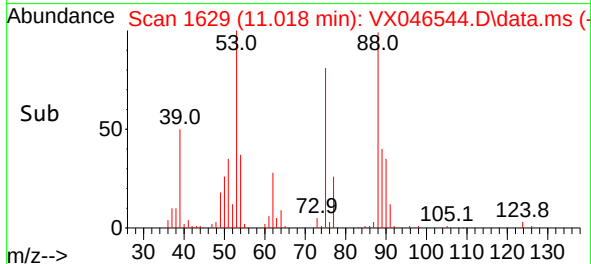
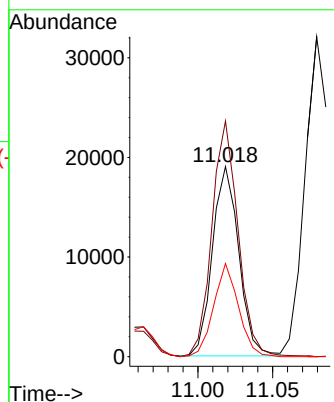
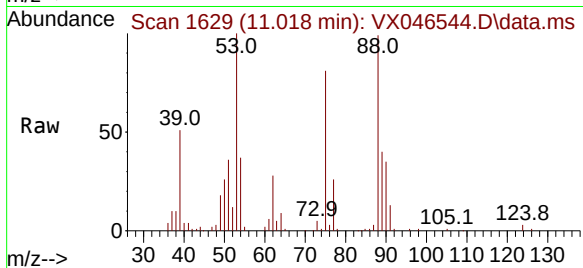




#81
trans-1,4-Dichloro-2-butene
Concen: 56.596 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

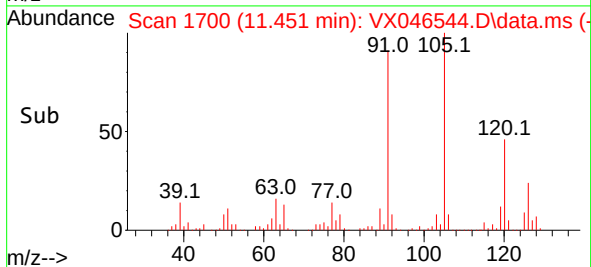
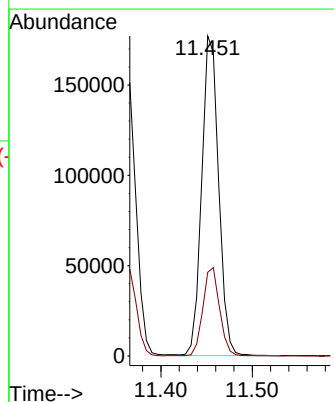
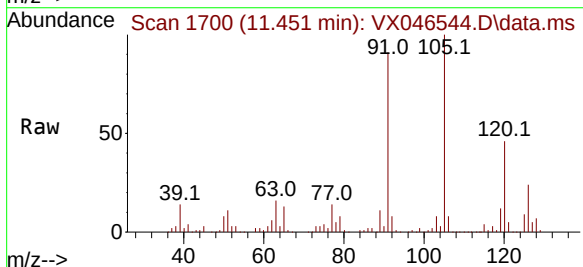
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

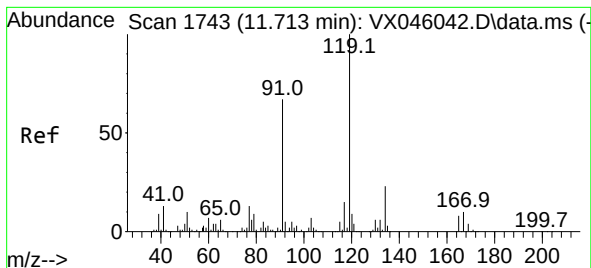
Tgt Ion: 75 Resp: 23365
Ion Ratio Lower Upper
75 100
53 123.4 100.5 150.7
89 46.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 59.353 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 91 Resp: 226943
Ion Ratio Lower Upper
91 100
126 27.5 13.3 39.8





#83

tert-Butylbenzene

Concen: 60.813 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

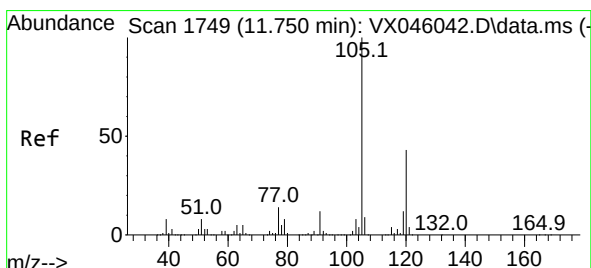
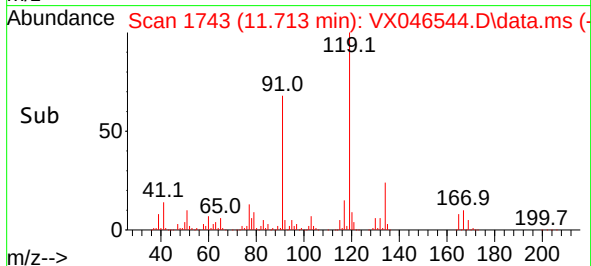
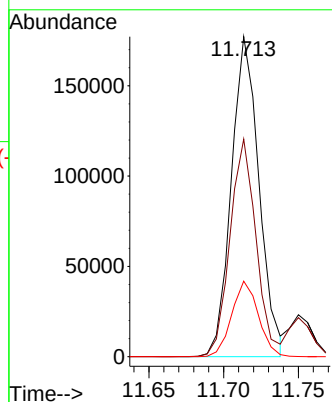
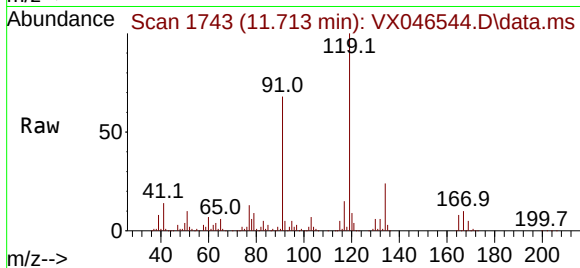
Tgt Ion:119 Resp: 227998

Ion Ratio Lower Upper

119 100

91 64.4 32.9 98.7

134 22.8 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 60.858 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046544.D

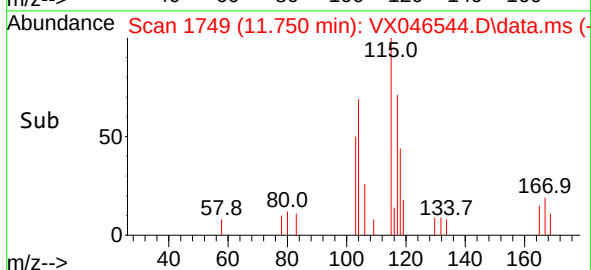
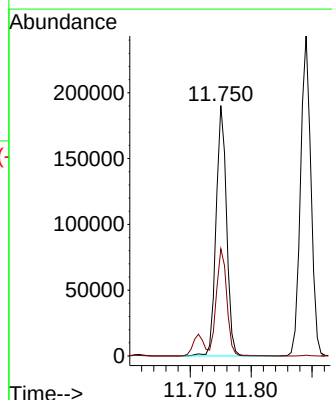
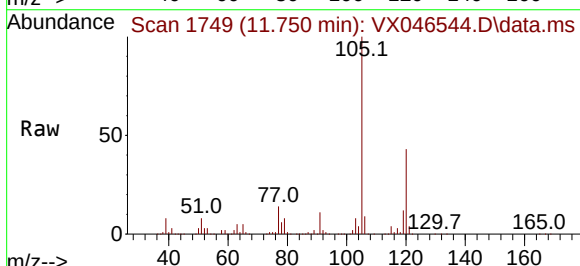
Acq: 06 Jun 2025 21:26

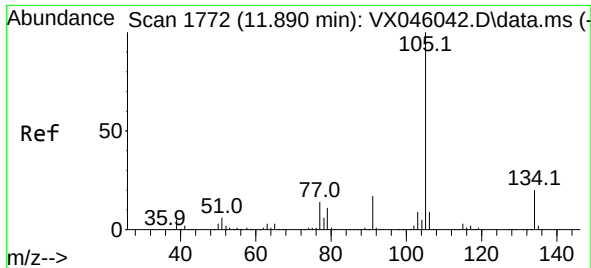
Tgt Ion:105 Resp: 226743

Ion Ratio Lower Upper

105 100

120 42.2 21.2 63.6

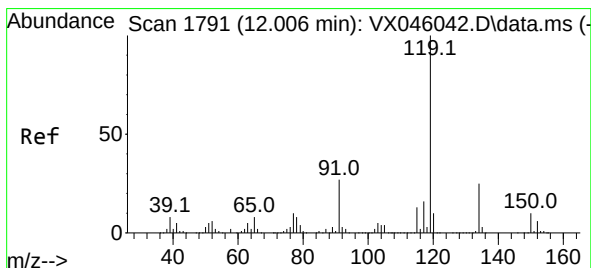
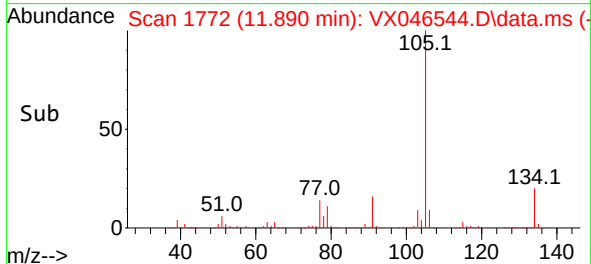
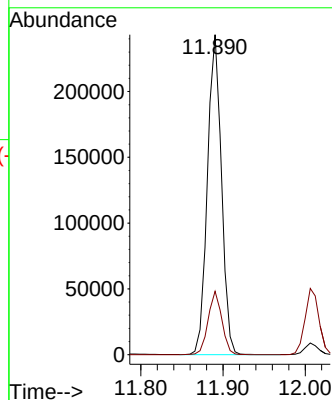
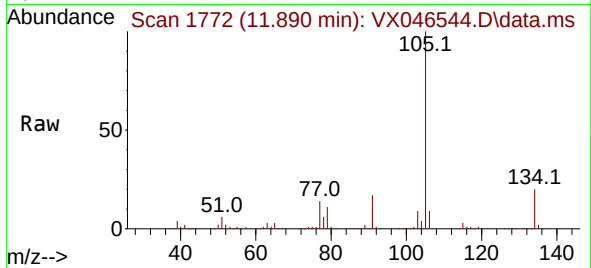




#85
sec-Butylbenzene
Concen: 59.821 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

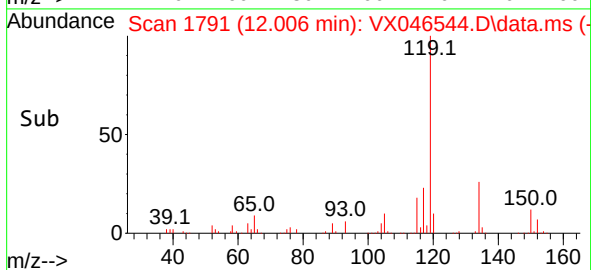
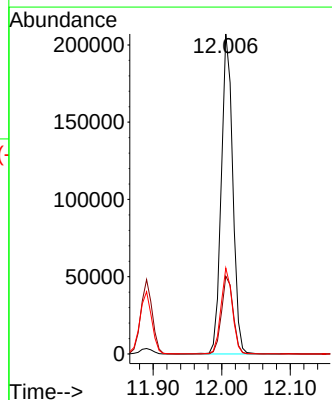
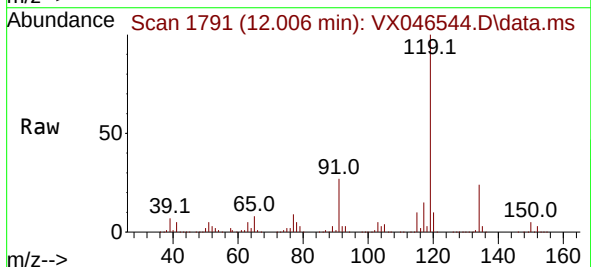
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

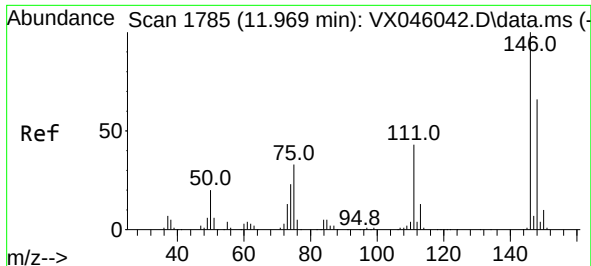
Tgt Ion:105 Resp: 288179
Ion Ratio Lower Upper
105 100
134 19.4 9.7 29.1



#86
p-Isopropyltoluene
Concen: 59.505 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion:119 Resp: 238973
Ion Ratio Lower Upper
119 100
134 24.7 12.5 37.5
91 26.6 13.8 41.4

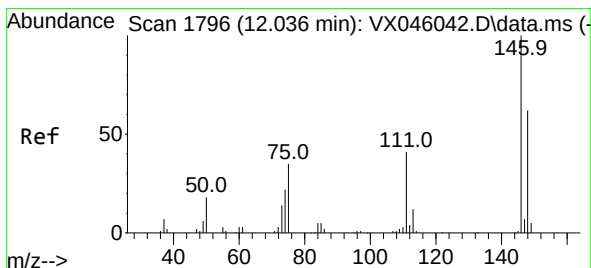
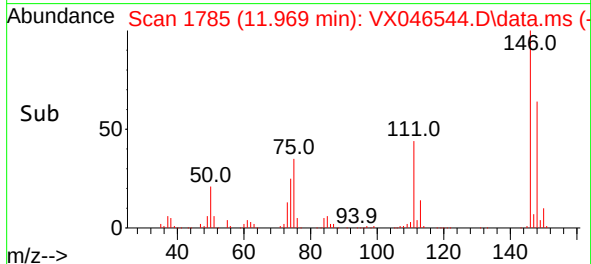
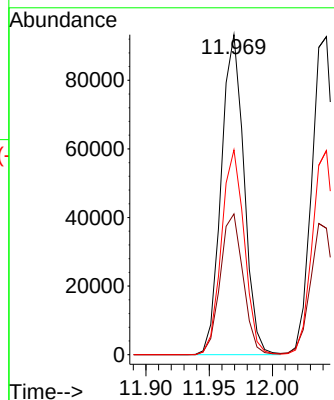
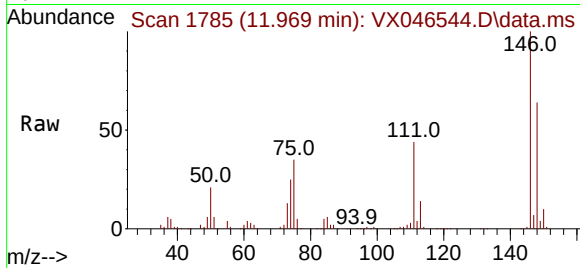




#87
1,3-Dichlorobenzene
Concen: 58.615 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

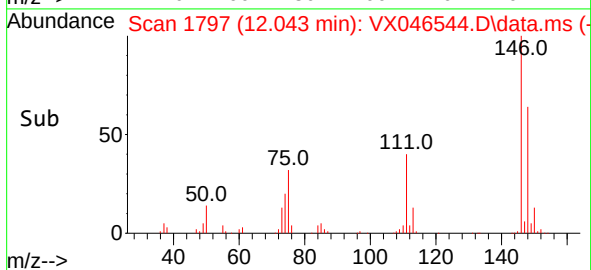
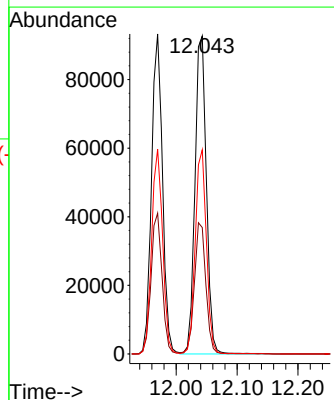
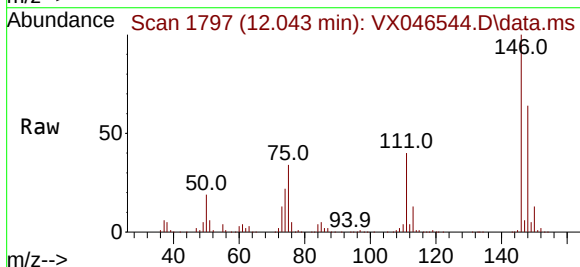
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

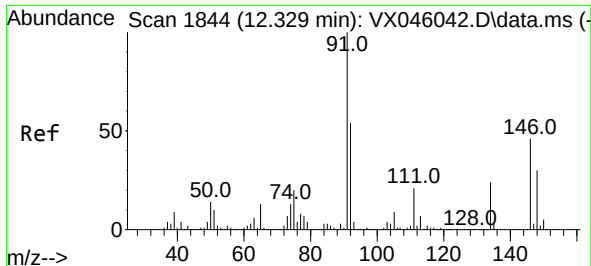
Tgt Ion:146 Resp: 116764
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 64.1 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 58.209 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion:146 Resp: 120152
Ion Ratio Lower Upper
146 100
111 41.4 21.3 63.9
148 62.7 31.9 95.5





#89

n-Butylbenzene

Concen: 57.230 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046544.D

Acq: 06 Jun 2025 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

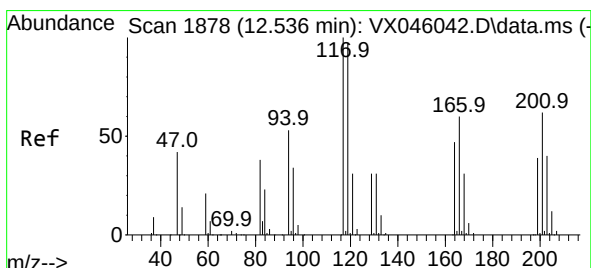
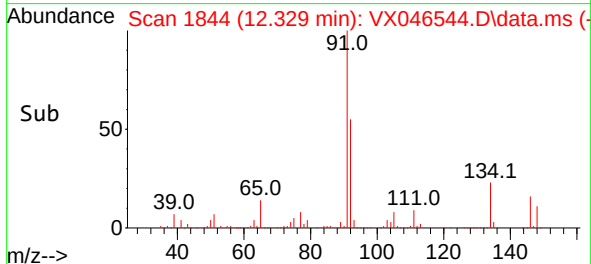
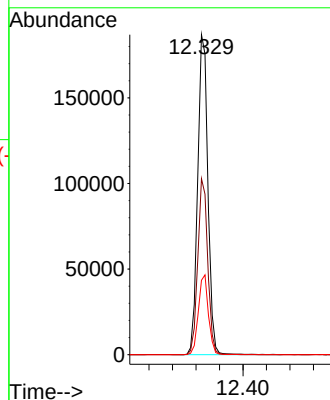
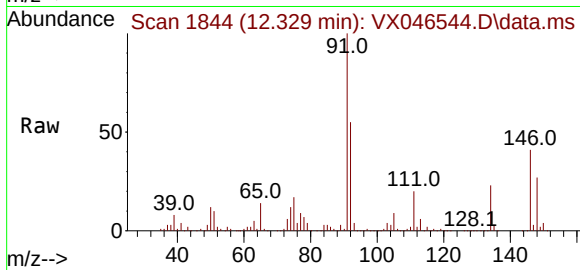
Tgt Ion: 91 Resp: 225709

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.7

134 24.5 11.8 35.3



#90

Hexachloroethane

Concen: 57.831 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046544.D

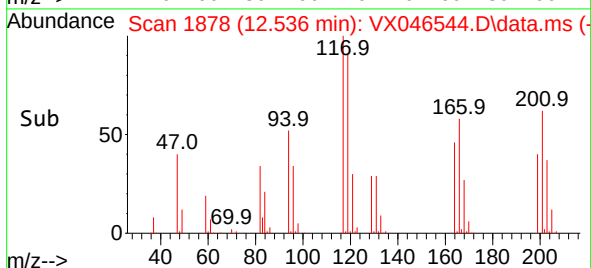
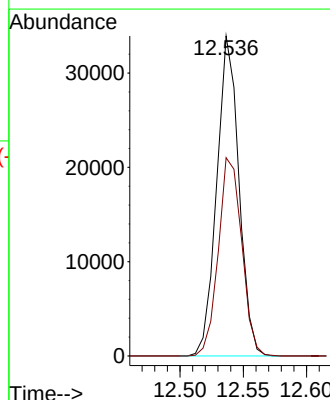
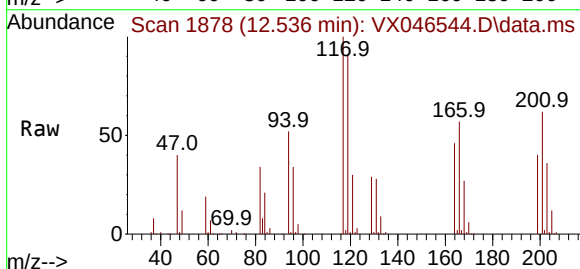
Acq: 06 Jun 2025 21:26

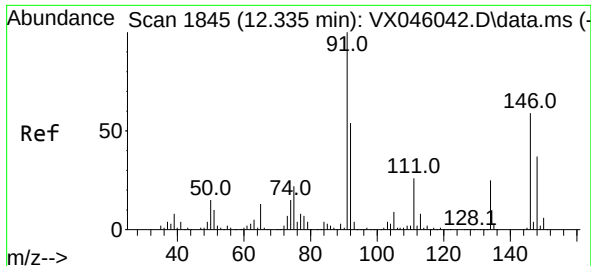
Tgt Ion: 117 Resp: 41280

Ion Ratio Lower Upper

117 100

201 65.5 31.6 94.7

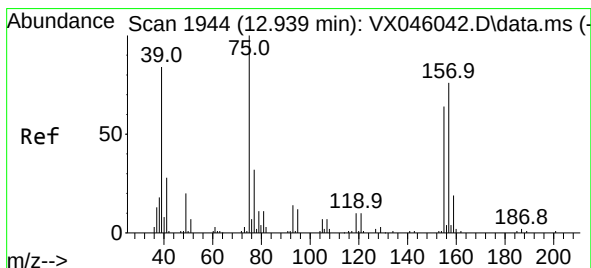
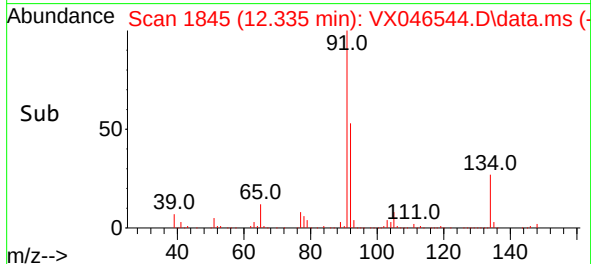
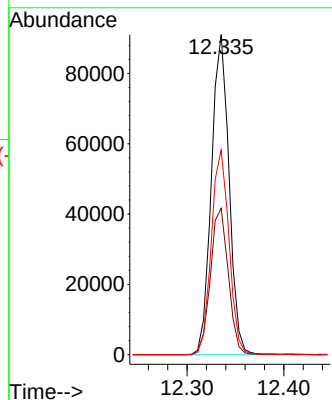
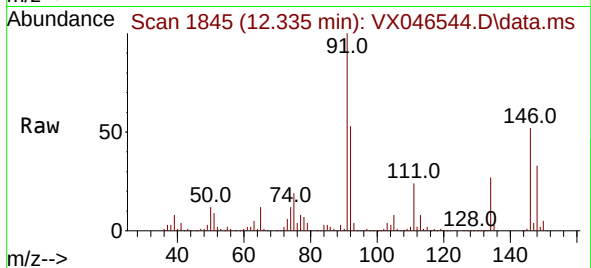




#91
1,2-Dichlorobenzene
Concen: 60.014 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

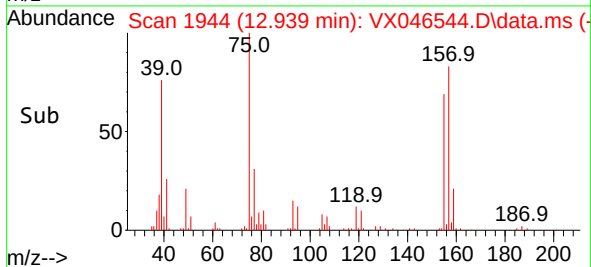
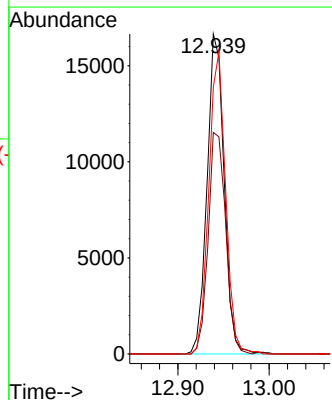
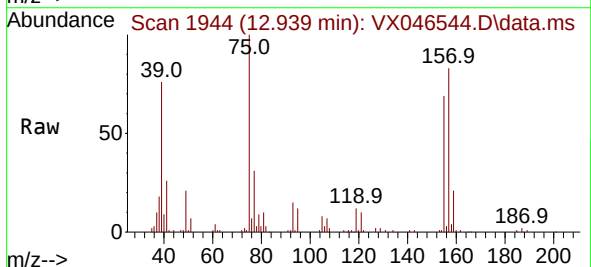
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

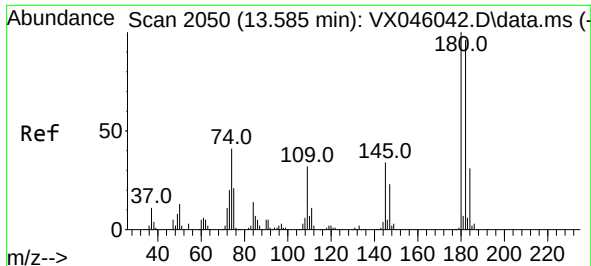
Tgt Ion:146 Resp: 115399
Ion Ratio Lower Upper
146 100
111 46.4 22.4 67.3
148 64.3 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 68.219 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion: 75 Resp: 21611
Ion Ratio Lower Upper
75 100
155 70.7 34.9 104.8
157 92.5 43.8 131.4

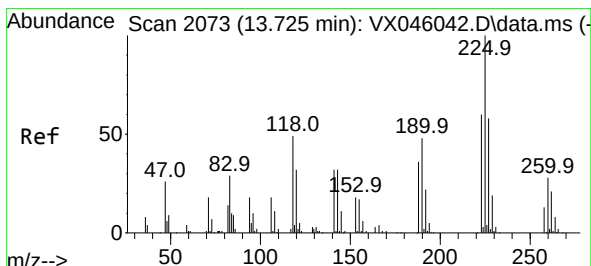
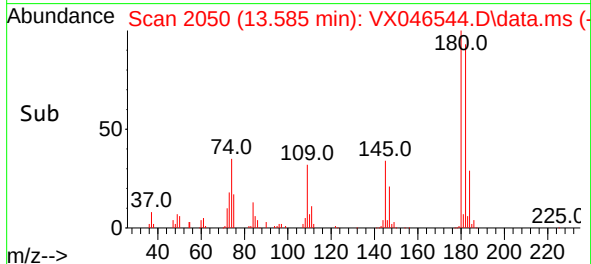
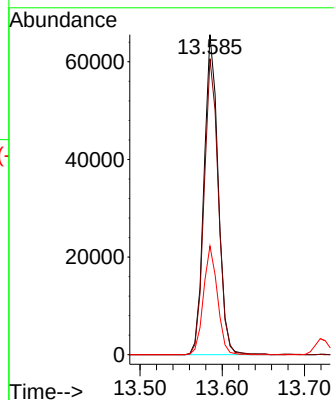
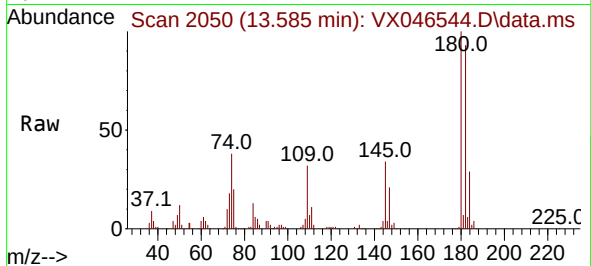




#93
1,2,4-Trichlorobenzene
Concen: 59.609 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

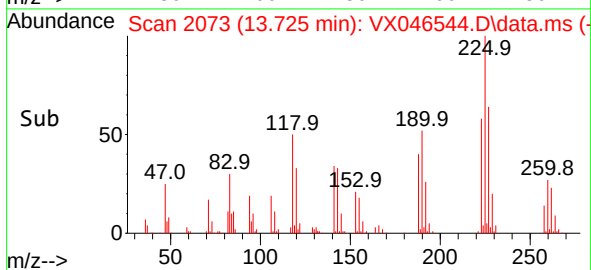
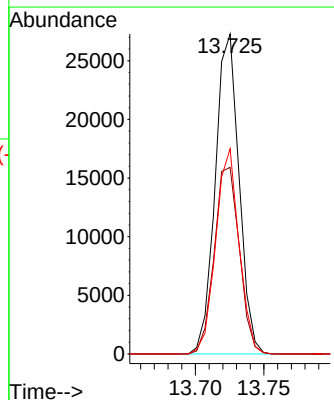
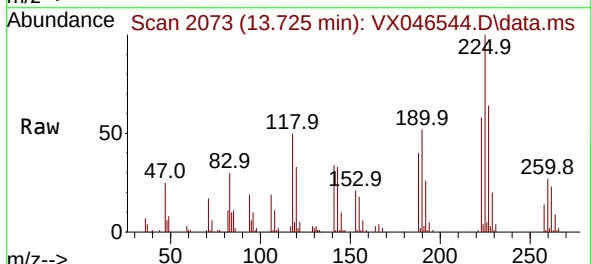
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

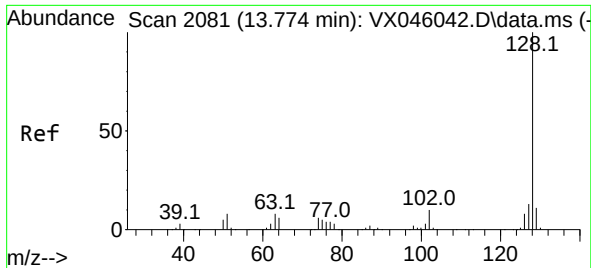
Tgt Ion:180 Resp: 78190
Ion Ratio Lower Upper
180 100
182 93.1 47.9 143.8
145 33.5 17.1 51.2



#94
Hexachlorobutadiene
Concen: 54.035 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion:225 Resp: 32939
Ion Ratio Lower Upper
225 100
223 61.7 30.8 92.4
227 62.7 30.9 92.7

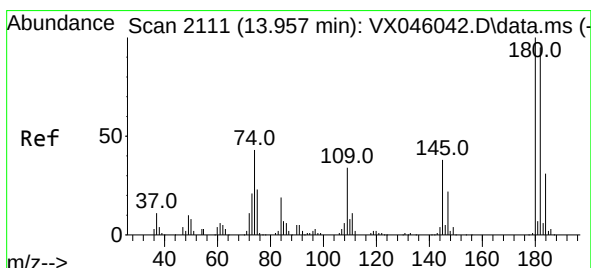
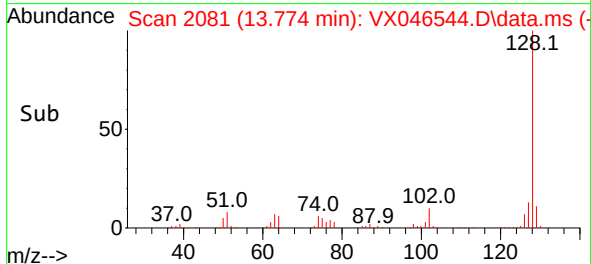
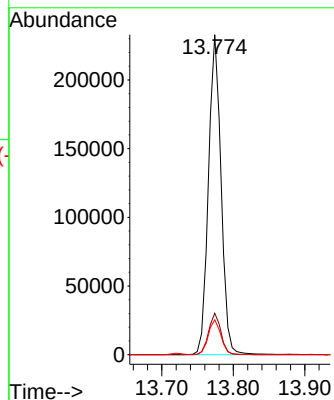
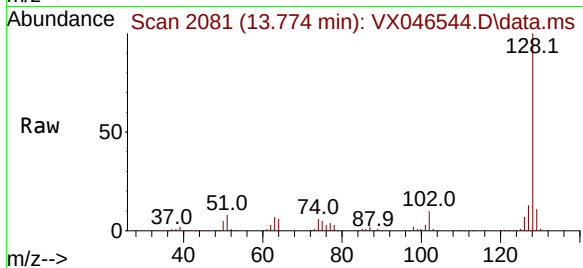




#95
Naphthalene
Concen: 68.590 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 285312
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 58.933 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046544.D
Acq: 06 Jun 2025 21:26

Tgt Ion:180 Resp: 77514
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 36.4 18.1 54.3

