

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048696.D
 Acq On : 03 Dec 2025 09:30
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 04 01:37:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 01:31:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	200122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	334199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	294184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	57159	21.155	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	42.300%#
35) Dibromofluoromethane	5.373	113	45171	19.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.660%#
50) Toluene-d8	8.635	98	156002	19.971	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	39.940%#
62) 4-Bromofluorobenzene	11.061	95	55482	19.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.700%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	46813	20.294	ug/l	98
3) Chloromethane	1.300	50	45560	20.264	ug/l	99
4) Vinyl Chloride	1.380	62	48205	19.569	ug/l	95
5) Bromomethane	1.617	94	33075	20.208	ug/l	99
6) Chloroethane	1.697	64	28226	19.350	ug/l	97
7) Trichlorofluoromethane	1.898	101	66072	18.459	ug/l	95
8) Diethyl Ether	2.136	74	22067	17.314	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	39171	18.364	ug/l	100
10) Methyl Iodide	2.459	142	61563	20.034	ug/l	99
11) Tert butyl alcohol	2.934	59	40906	100.099	ug/l	98
12) 1,1-Dichloroethene	2.331	96	38880	18.334	ug/l	99
13) Acrolein	2.239	56	16424	74.318	ug/l	95
14) Allyl chloride	2.666	41	79820	19.890	ug/l	98
15) Acrylonitrile	3.056	53	143038	110.114	ug/l	100
16) Acetone	2.373	43	82553	93.486	ug/l	100
17) Carbon Disulfide	2.520	76	128378	19.874	ug/l	98
18) Methyl Acetate	2.697	43	60427	20.660	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	154353	21.360	ug/l	100
20) Methylene Chloride	2.794	84	50898	20.649	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	46080	21.054	ug/l	96
22) Diisopropyl ether	3.751	45	159369	22.175	ug/l	97
23) Vinyl Acetate	3.715	43	701036	112.217	ug/l	99
24) 1,1-Dichloroethane	3.605	63	85707	20.943	ug/l	99
25) 2-Butanone	4.538	43	159602	105.812	ug/l	96
26) 2,2-Dichloropropane	4.471	77	71811	19.336	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	54393	19.854	ug/l	98
28) Bromochloromethane	4.885	49	40487	20.605	ug/l	99
29) Tetrahydrofuran	4.989	42	122480	104.548	ug/l	99
30) Chloroform	5.080	83	89576	20.662	ug/l	99
31) Cyclohexane	5.458	56	67854	19.462	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	74800	19.189	ug/l	98
36) 1,1-Dichloropropene	5.678	75	57033	18.530	ug/l	99
37) Ethyl Acetate	4.696	43	82227	20.233	ug/l	99
38) Carbon Tetrachloride	5.666	117	65507	18.521	ug/l	99
39) Methylcyclohexane	7.360	83	63782	17.804	ug/l	94
40) Benzene	6.025	78	184866	20.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	36414	20.588	ug/l	97
42) 1,2-Dichloroethane	6.074	62	67211	20.690	ug/l	96
43) Isopropyl Acetate	6.324	43	117377	21.391	ug/l	96
44) Trichloroethene	7.110	130	44134	18.531	ug/l	94
45) 1,2-Dichloropropane	7.415	63	45289	20.482	ug/l	99
46) Dibromomethane	7.568	93	34464	20.260	ug/l	94
47) Bromodichloromethane	7.805	83	69984	20.067	ug/l	95
48) Methyl methacrylate	7.677	41	55321	21.101	ug/l	93
49) 1,4-Dioxane	7.641	88	13027	406.291	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	372706	107.759	ug/l	96
52) Toluene	8.702	92	110039	19.820	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	70643	20.349	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	74756	20.303	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	44769	20.339	ug/l	98
56) Ethyl methacrylate	9.098	69	73993	20.978	ug/l	92
57) 1,3-Dichloropropane	9.293	76	75676	20.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	185616	102.103	ug/l	95
59) 2-Hexanone	9.415	43	265100	106.823	ug/l	95
60) Dibromochloromethane	9.506	129	54199	19.742	ug/l	98
61) 1,2-Dibromoethane	9.592	107	48098	19.764	ug/l	97
64) Tetrachloroethene	9.256	164	37032	18.331	ug/l	97
65) Chlorobenzene	10.061	112	122229	19.613	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	43195	19.922	ug/l	99
67) Ethyl Benzene	10.177	91	205258	20.049	ug/l	97
68) m/p-Xylenes	10.281	106	157084	39.831	ug/l	99
69) o-Xylene	10.622	106	75494	19.869	ug/l	98
70) Styrene	10.640	104	128343	20.097	ug/l	97
71) Bromoform	10.780	173	36843	18.656	ug/l #	99
73) Isopropylbenzene	10.945	105	187513	19.477	ug/l	99
74) N-amyl acetate	10.823	43	92771	21.344	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	65438	19.852	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	74764	21.094	ug/l	90
77) Bromobenzene	11.183	156	48204	18.578	ug/l	92
78) n-propylbenzene	11.287	91	221221	19.623	ug/l	98
79) 2-Chlorotoluene	11.347	91	133708	19.515	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	154101	19.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	20991	18.652	ug/l #	89
82) 4-Chlorotoluene	11.439	91	160197	20.102	ug/l	98
83) tert-Butylbenzene	11.695	119	155064	18.983	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	154846	19.739	ug/l	99
85) sec-Butylbenzene	11.872	105	187138	18.926	ug/l	99
86) p-Isopropyltoluene	11.988	119	157348	19.264	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	87778	18.588	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	91017	18.883	ug/l	99
89) n-Butylbenzene	12.311	91	144861	18.829	ug/l	99
90) Hexachloroethane	12.518	117	30092	18.301	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	83641	19.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15087	20.138	ug/l	85
93) 1,2,4-Trichlorobenzene	13.567	180	52527	18.763	ug/l	99
94) Hexachlorobutadiene	13.707	225	21028	18.040	ug/l	99
95) Naphthalene	13.756	128	164242	19.221	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	49457	19.138	ug/l	98

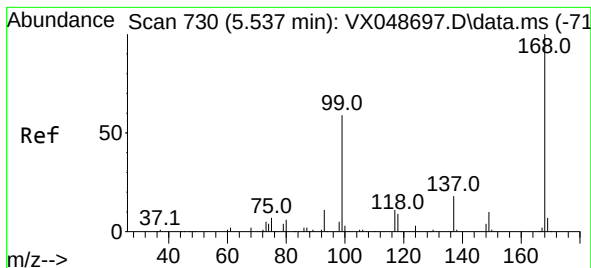
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.538 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

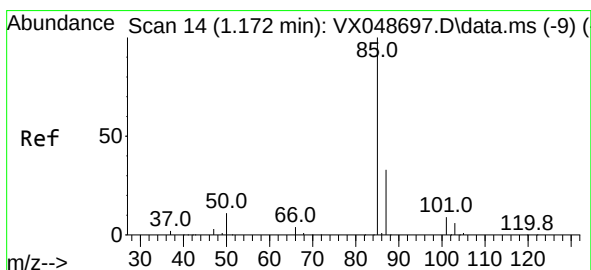
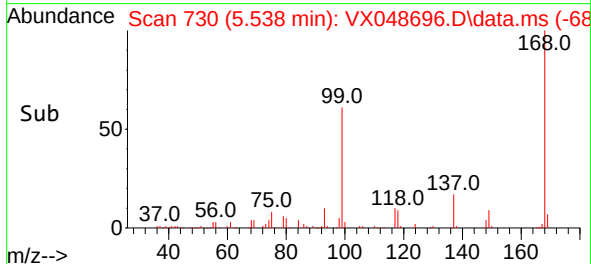
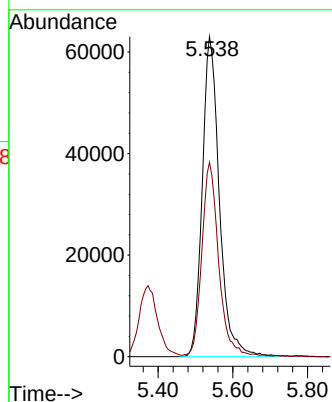
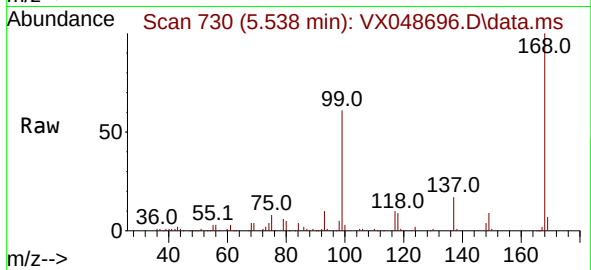
VSTDICC020

Tgt Ion:168 Resp: 200122

Ion Ratio Lower Upper

168 100

99 60.5 48.3 72.5



#2

Dichlorodifluoromethane

Concen: 20.294 ug/l

RT: 1.172 min Scan# 14

Delta R.T. 0.000 min

Lab File: VX048696.D

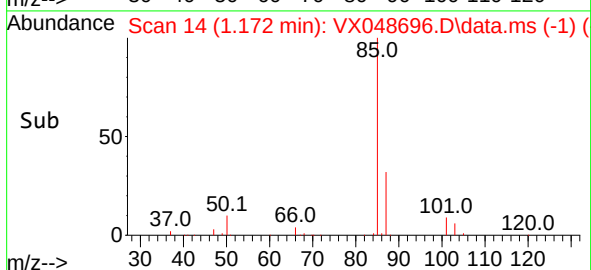
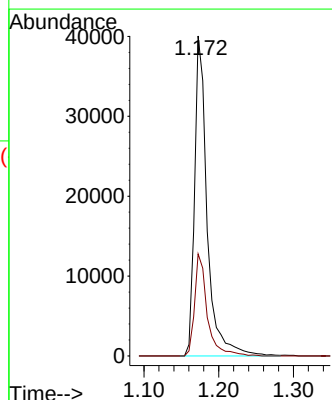
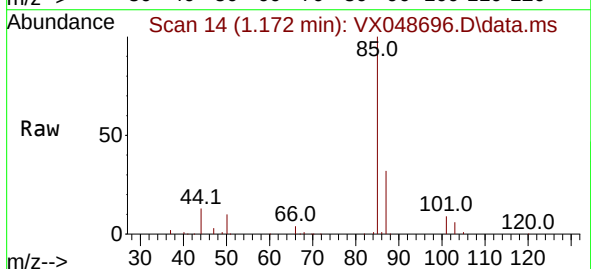
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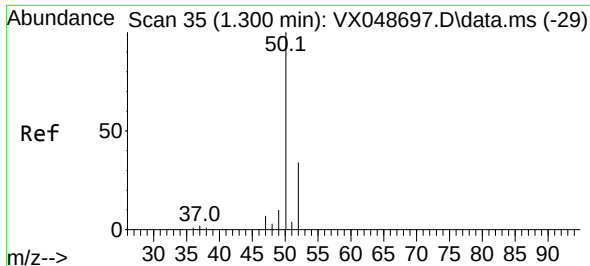
Tgt Ion: 85 Resp: 46813

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.7

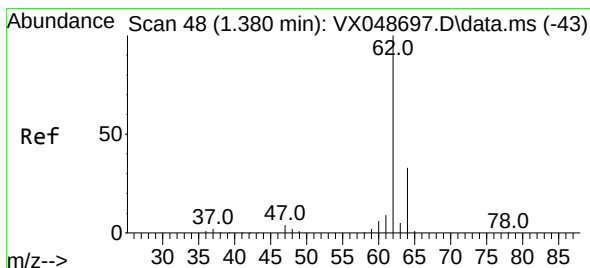
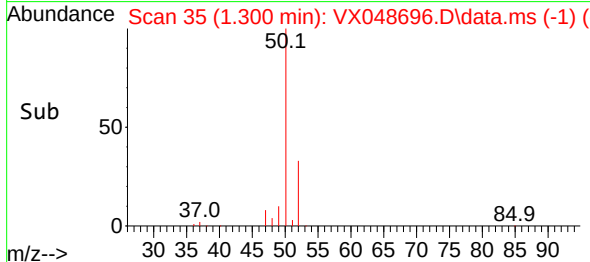
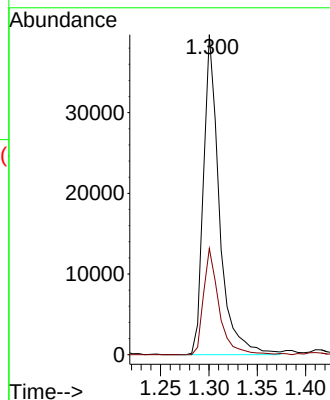
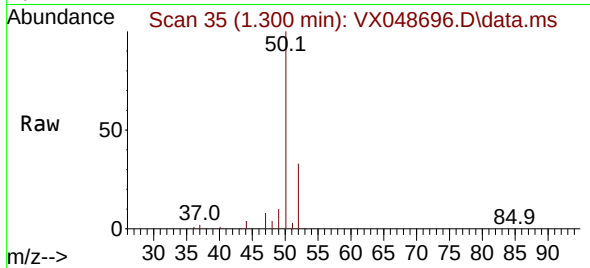




#3
Chloromethane
Concen: 20.264 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048696.D
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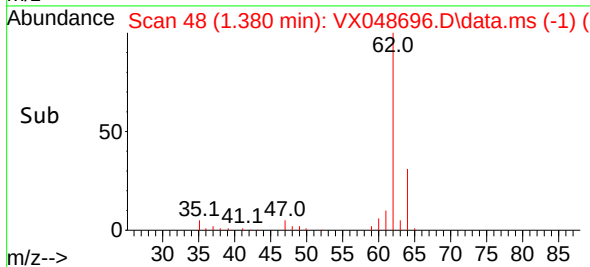
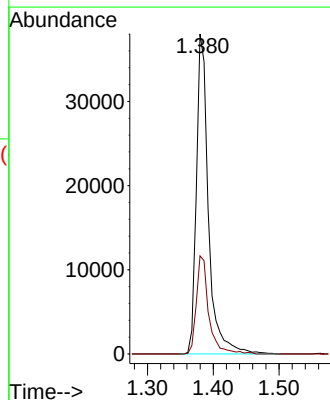
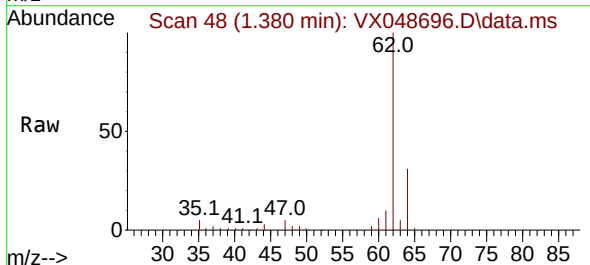
Instrument :
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ClientSampleId :
VSTDICC020

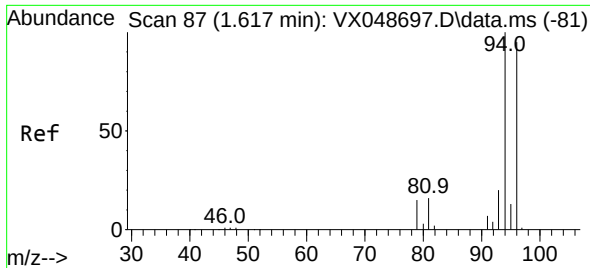
Tgt Ion: 50 Resp: 45560
Ion Ratio Lower Upper
50 100
52 33.2 26.8 40.2



#4
Vinyl Chloride
Concen: 19.569 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 62 Resp: 48205
Ion Ratio Lower Upper
62 100
64 30.7 26.7 40.1

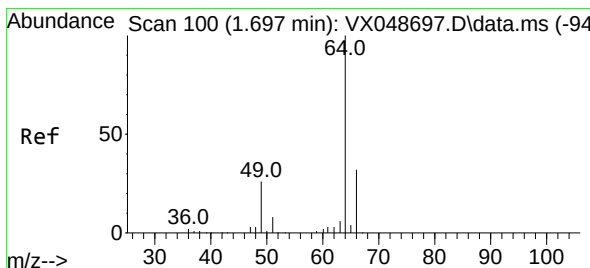
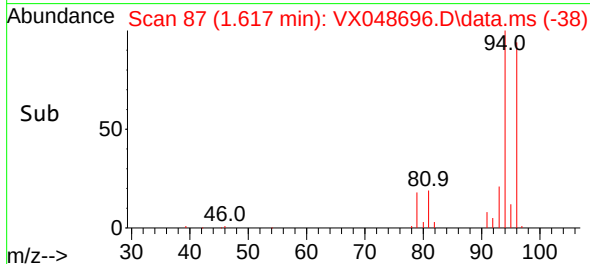
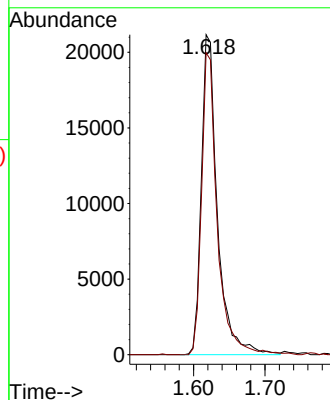
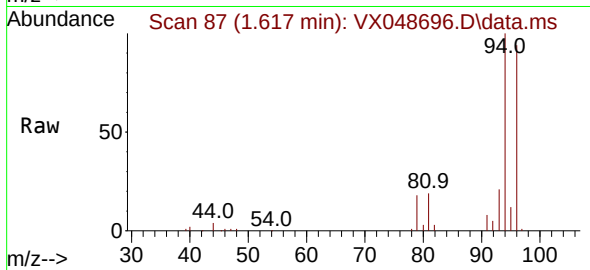




#5
Bromomethane
Concen: 20.208 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

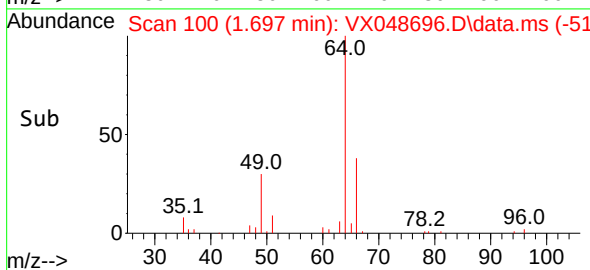
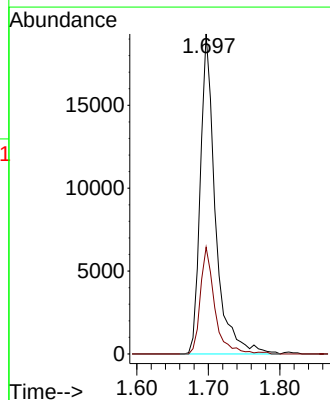
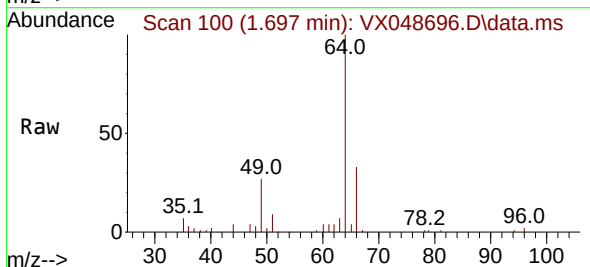
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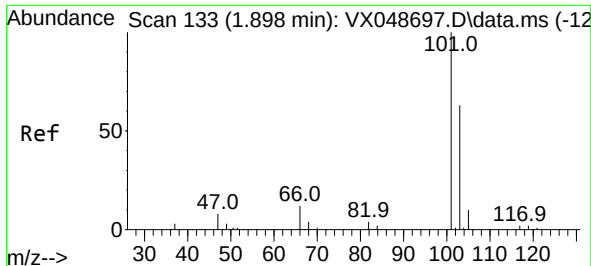
Tgt Ion: 94 Resp: 33075
Ion Ratio Lower Upper
94 100
96 94.3 76.1 114.1



#6
Chloroethane
Concen: 19.350 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 64 Resp: 28226
Ion Ratio Lower Upper
64 100
66 33.3 25.2 37.8

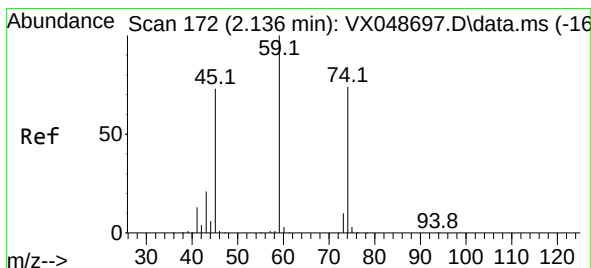
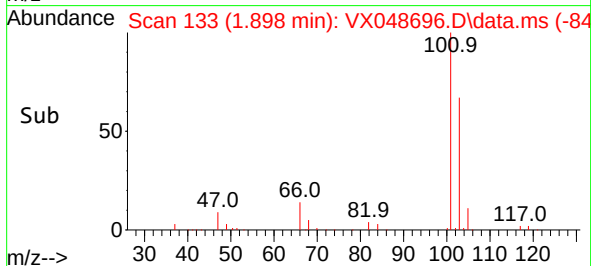
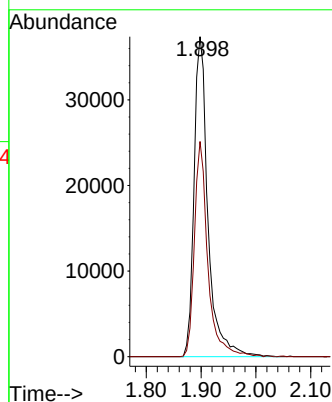
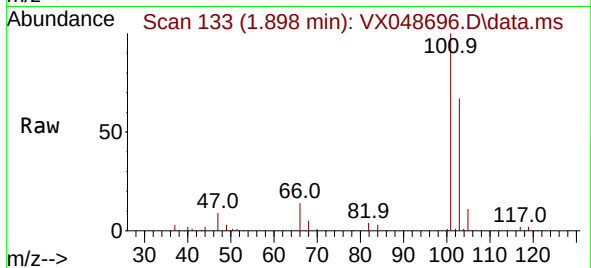




#7
Trichlorofluoromethane
Concen: 18.459 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048696.D
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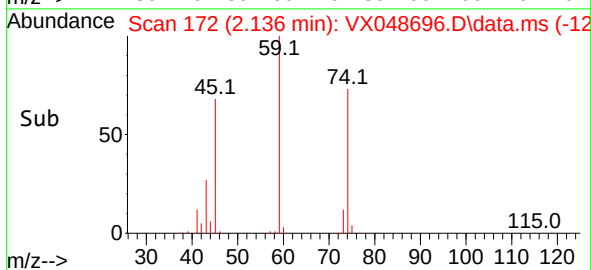
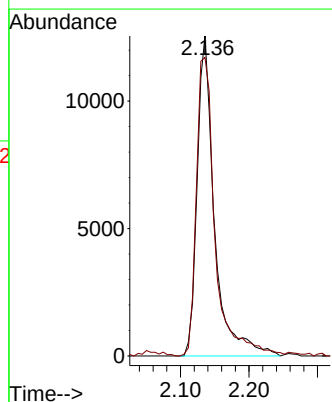
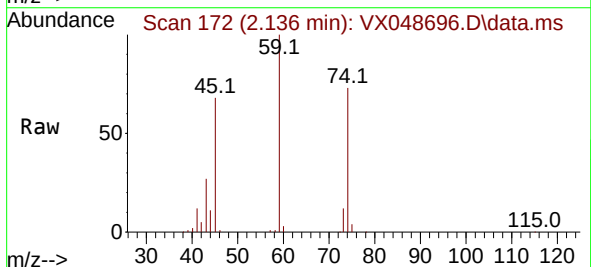
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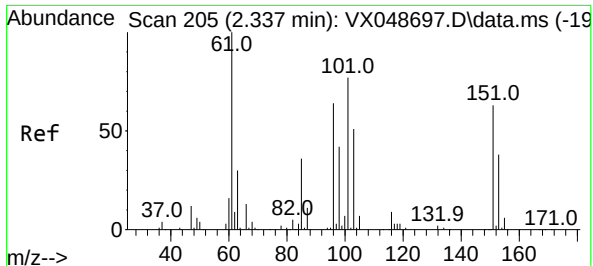
Tgt Ion:101 Resp: 66072
Ion Ratio Lower Upper
101 100
103 67.3 50.5 75.7



#8
Diethyl Ether
Concen: 17.314 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 74 Resp: 22067
Ion Ratio Lower Upper
74 100
45 101.1 48.1 144.4

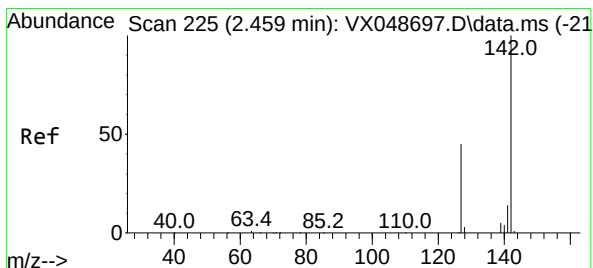
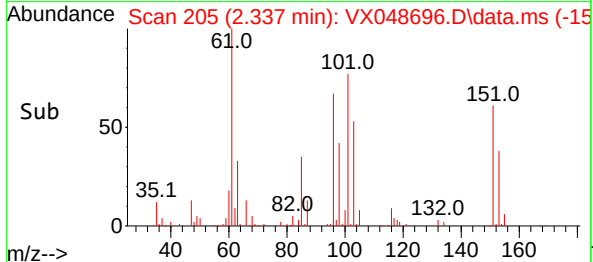
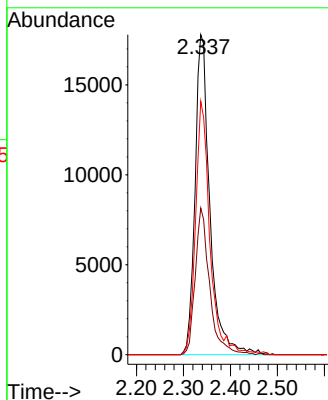
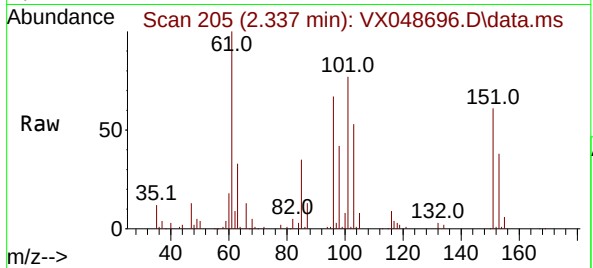




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.364 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
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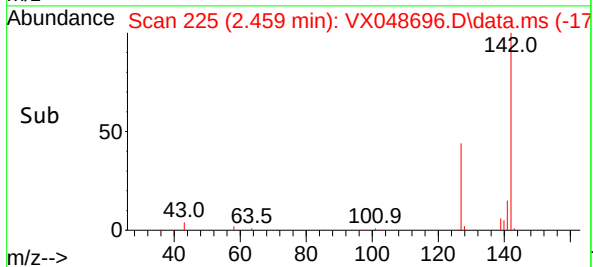
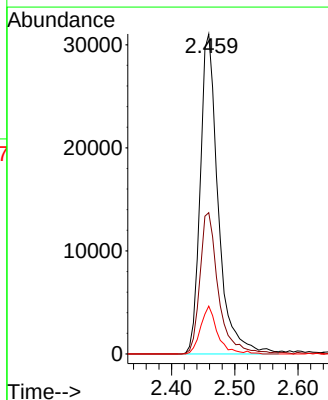
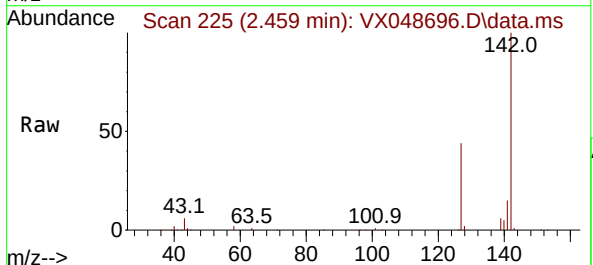
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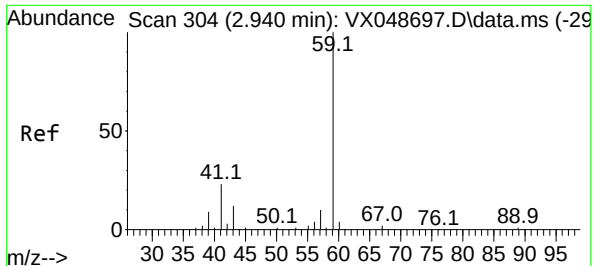
Tgt Ion:101 Resp: 39171
Ion Ratio Lower Upper
101 100
85 44.5 35.5 53.3
151 77.3 62.2 93.4



#10
Methyl Iodide
Concen: 20.034 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion:142 Resp: 61563
Ion Ratio Lower Upper
142 100
127 45.6 36.1 54.1
141 14.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 100.099 ug/l

RT: 2.934 min Scan# 304

Delta R.T. -0.006 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

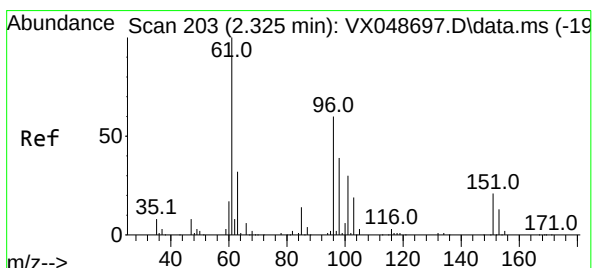
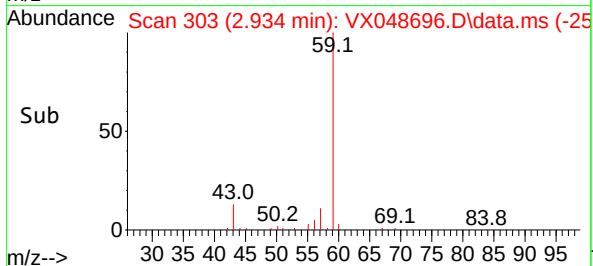
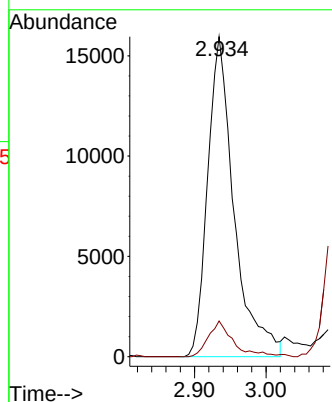
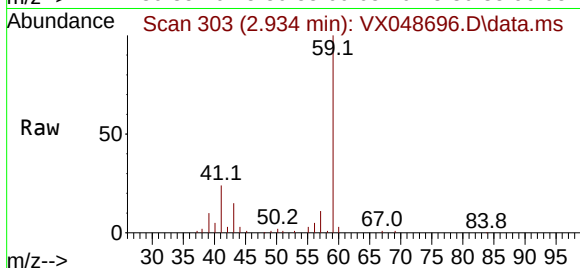
VSTDIC020

Tgt Ion: 59 Resp: 40906

Ion Ratio Lower Upper

59 100

57 10.6 8.0 12.0



#12

1,1-Dichloroethene

Concen: 18.334 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

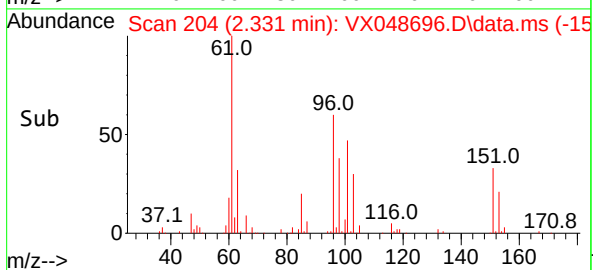
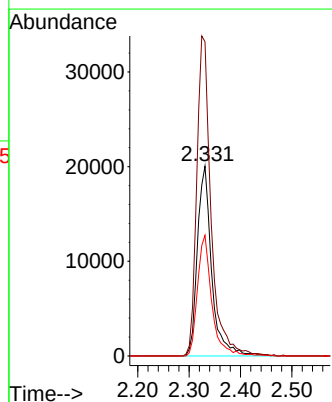
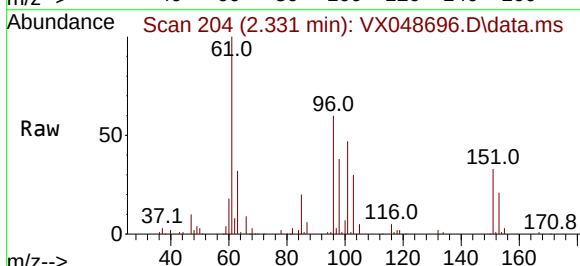
Tgt Ion: 96 Resp: 38880

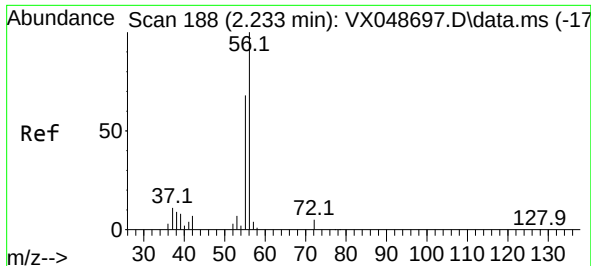
Ion Ratio Lower Upper

96 100

61 165.6 133.5 200.3

98 63.6 52.2 78.4





#13

Acrolein

Concen: 74.318 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

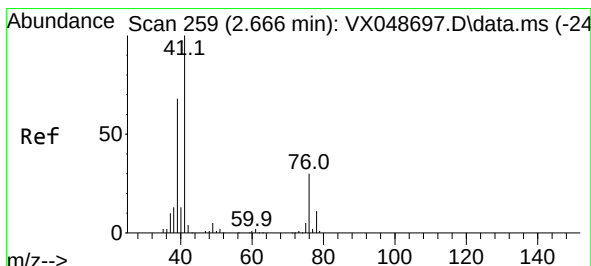
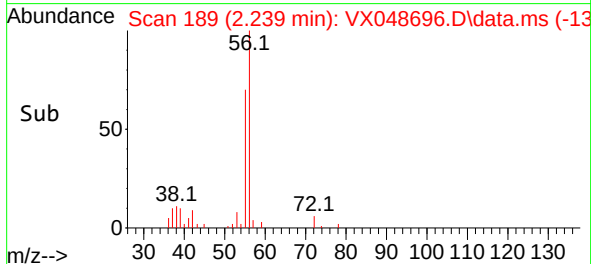
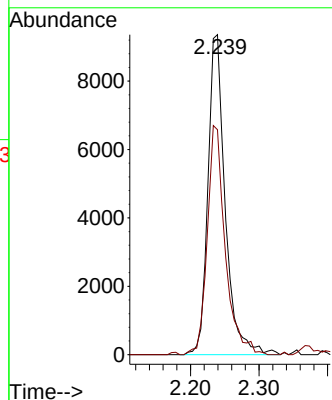
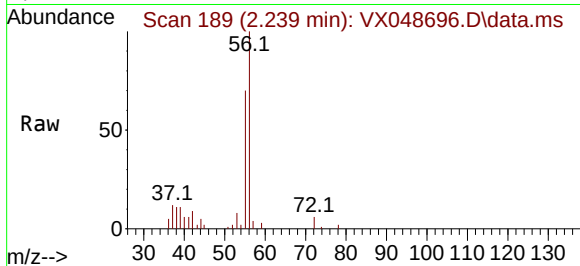
VSTDICC020

Tgt Ion: 56 Resp: 16424

Ion Ratio Lower Upper

56 100

55 74.4 56.2 84.4



#14

Allyl chloride

Concen: 19.890 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

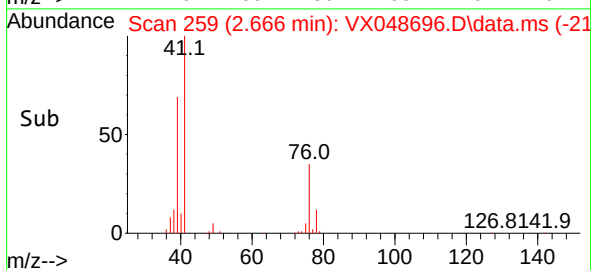
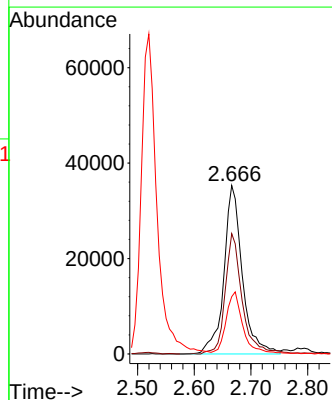
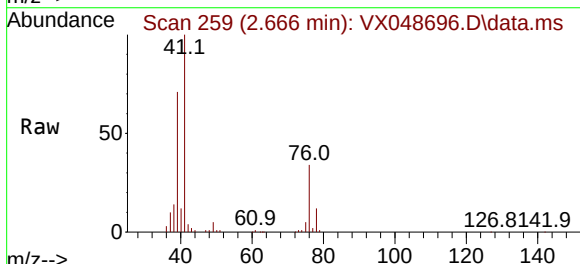
Tgt Ion: 41 Resp: 79820

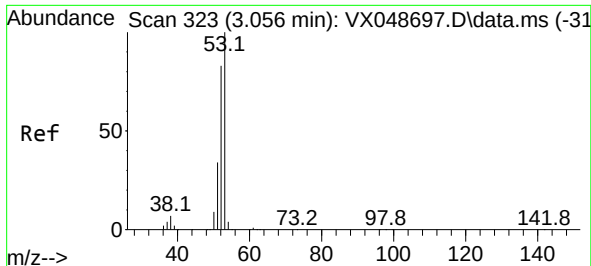
Ion Ratio Lower Upper

41 100

39 65.6 50.7 76.1

76 33.2 27.1 40.7

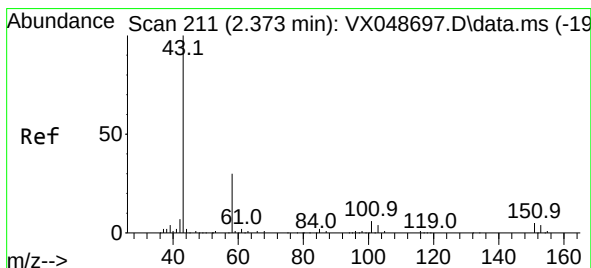
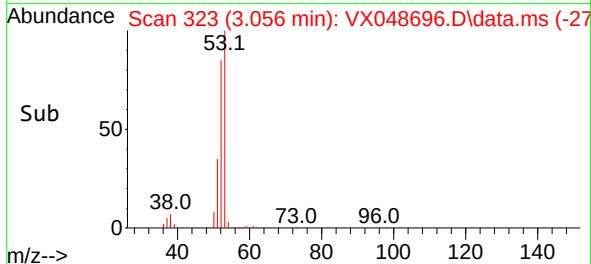
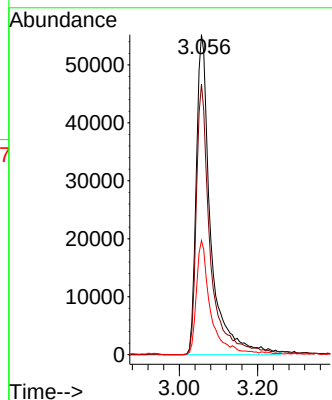
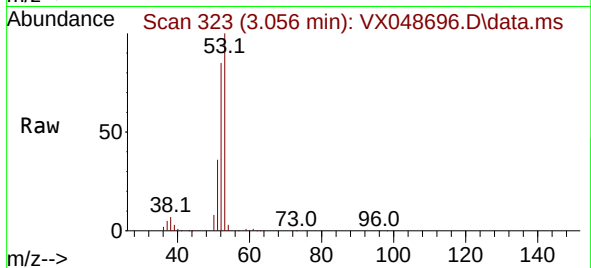




#15
Acrylonitrile
Concen: 110.114 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

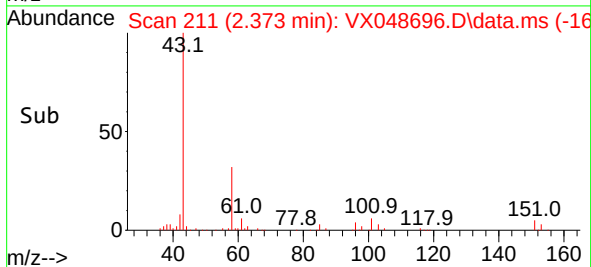
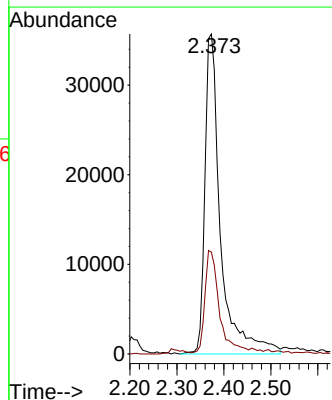
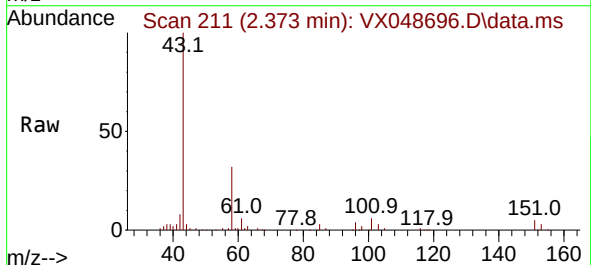
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

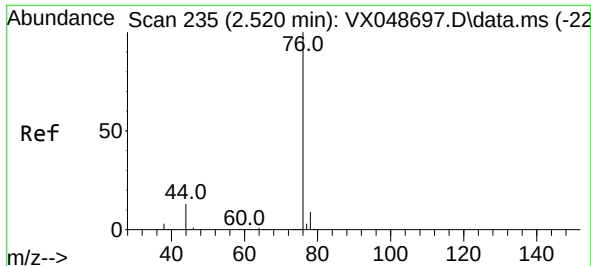
Tgt Ion: 53 Resp: 143038
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.0
51 34.8 28.3 42.5



#16
Acetone
Concen: 93.486 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 43 Resp: 82553
Ion Ratio Lower Upper
43 100
58 31.0 24.9 37.3

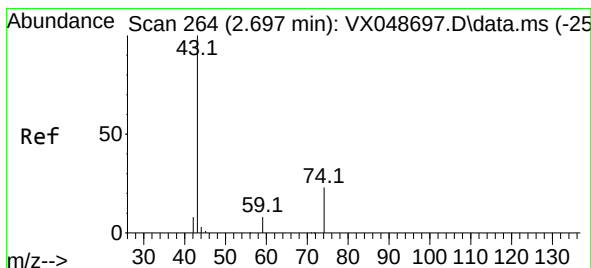
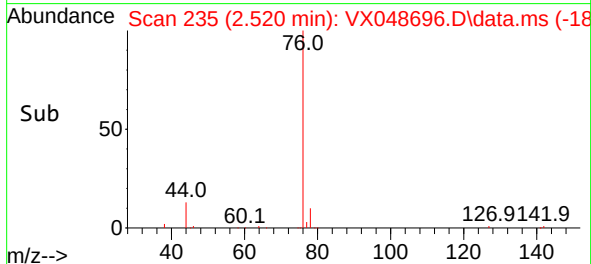
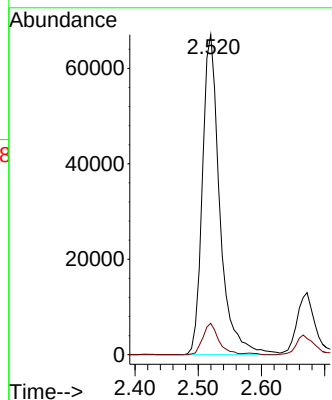
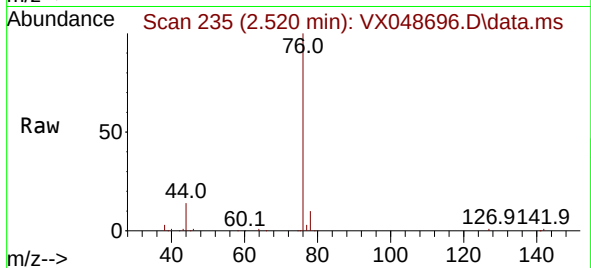




#17
Carbon Disulfide
Concen: 19.874 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

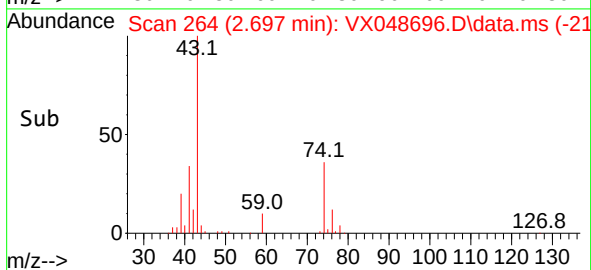
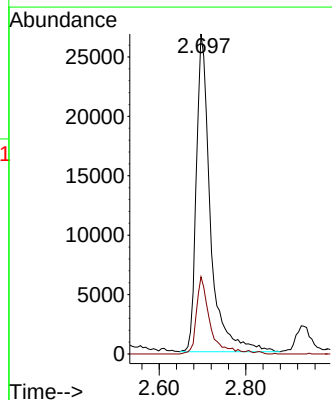
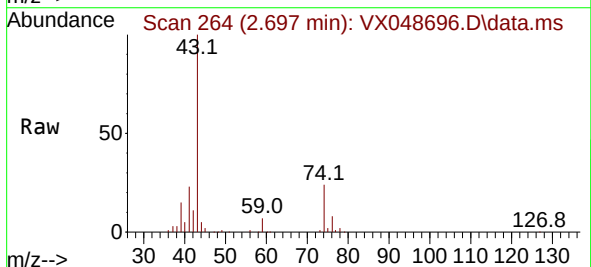
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

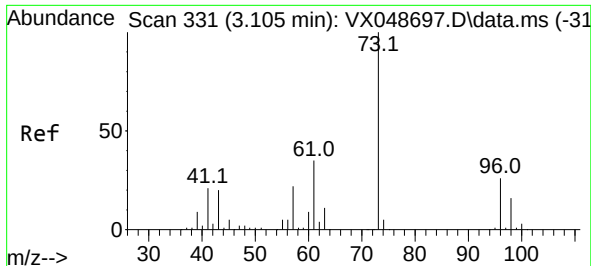
Tgt Ion: 76 Resp: 128378
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 20.660 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 43 Resp: 60427
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.6

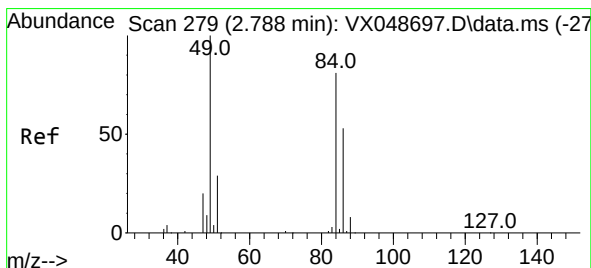
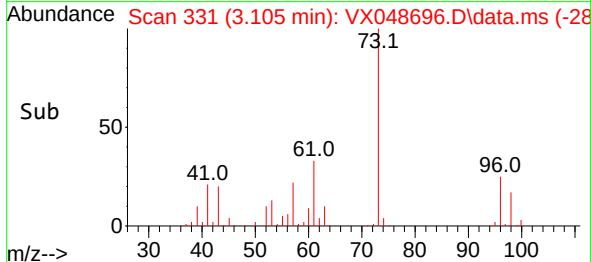
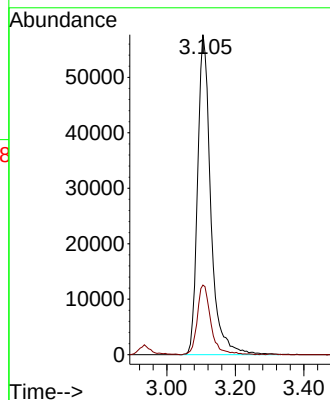
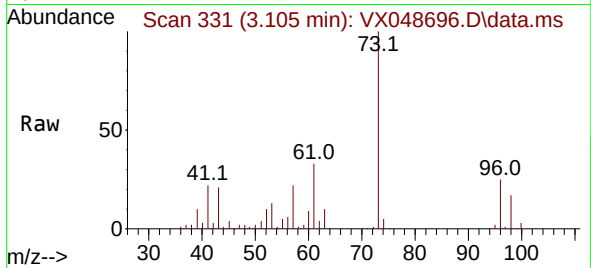




#19
Methyl tert-butyl Ether
Concen: 21.360 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

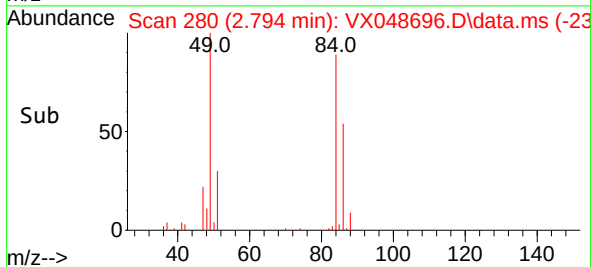
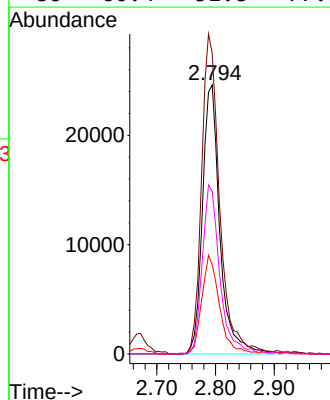
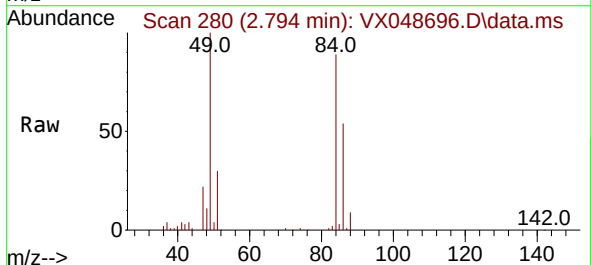
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

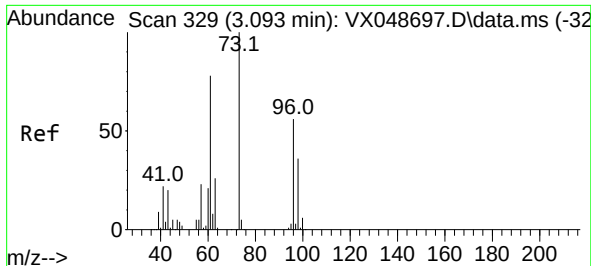
Tgt Ion: 73 Resp: 154353
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 20.649 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 84 Resp: 50898
Ion Ratio Lower Upper
84 100
49 111.8 98.6 148.0
51 32.9 28.7 43.1
86 60.4 51.8 77.8

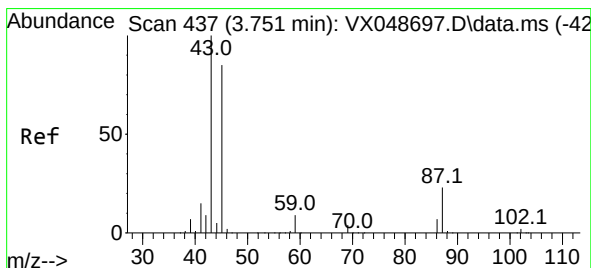
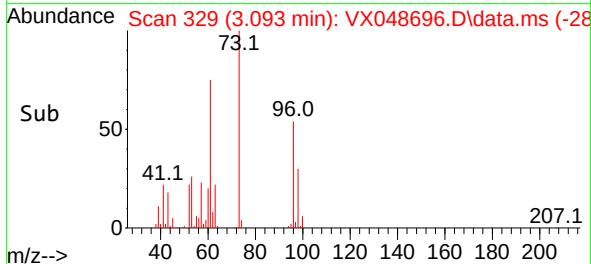
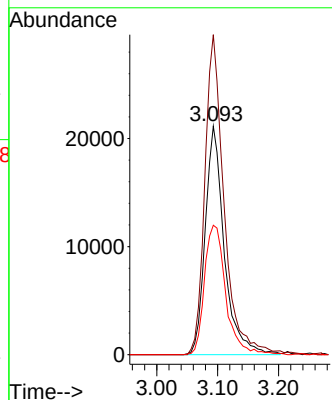
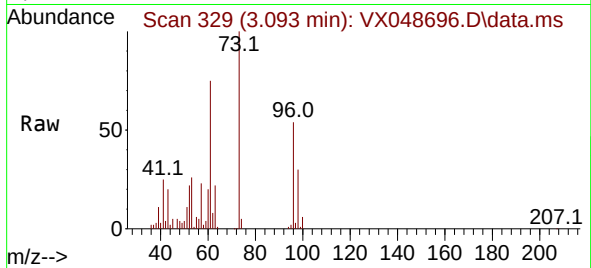




#21
trans-1,2-Dichloroethene
Concen: 21.054 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

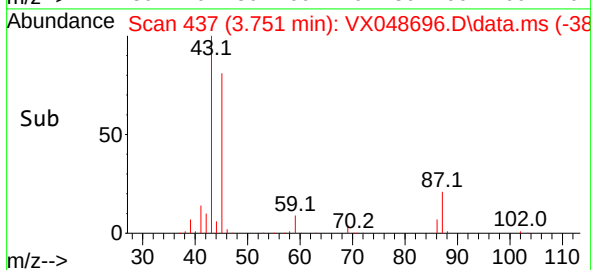
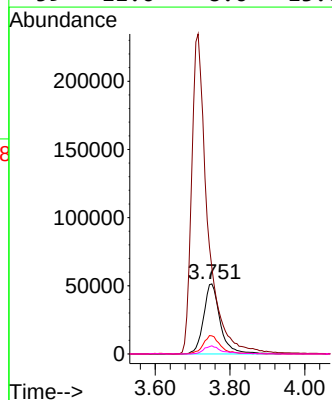
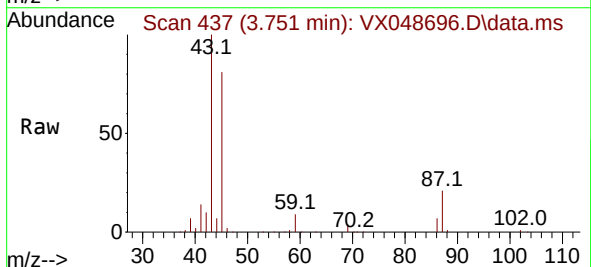
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

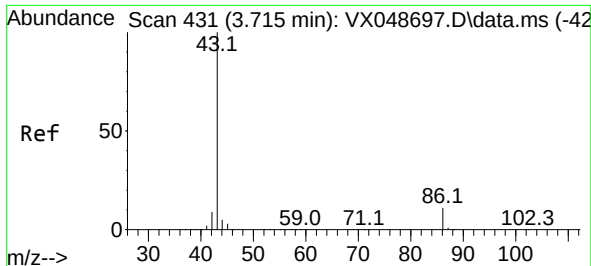
Tgt Ion: 96 Resp: 46080
Ion Ratio Lower Upper
96 100
61 140.1 110.6 166.0
98 56.6 51.1 76.7



#22
Diisopropyl ether
Concen: 22.175 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 45 Resp: 159369
Ion Ratio Lower Upper
45 100
43 122.4 94.6 141.8
87 25.9 21.7 32.5
59 11.6 8.6 13.0





#23

Vinyl Acetate

Concen: 112.217 ug/l

RT: 3.715 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

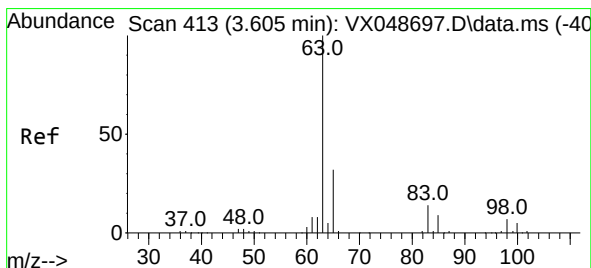
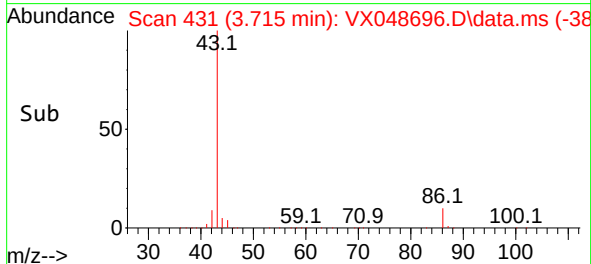
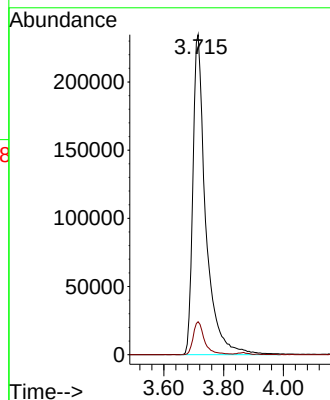
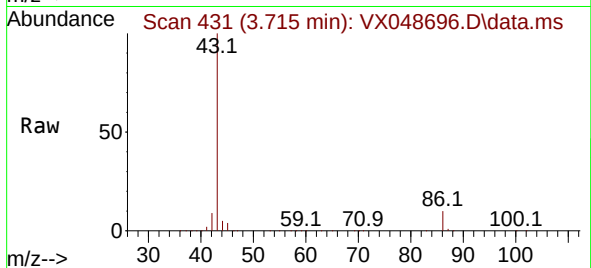
VSTDICC020

Tgt Ion: 43 Resp: 701036

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 20.943 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

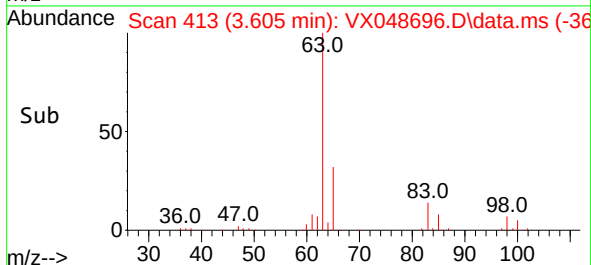
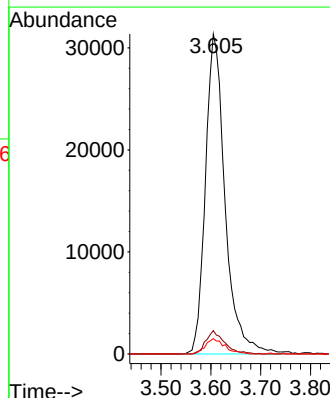
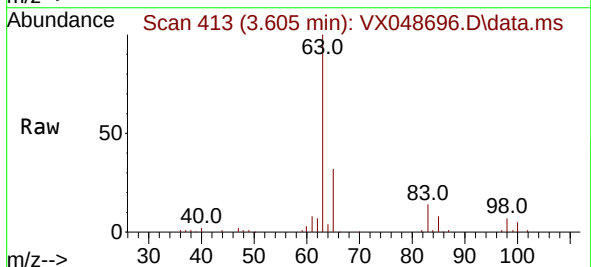
Tgt Ion: 63 Resp: 85707

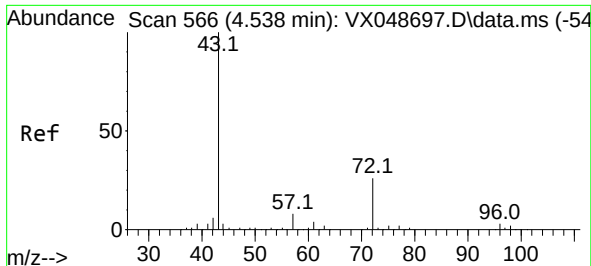
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 4.8 2.3 6.9

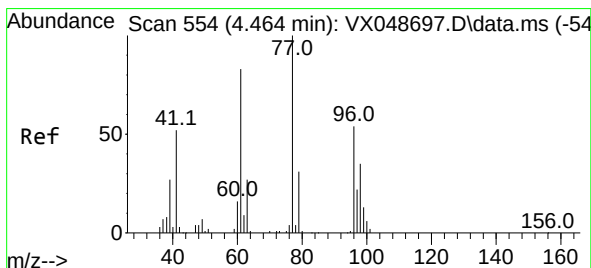
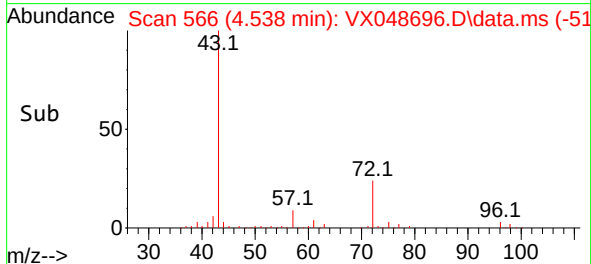
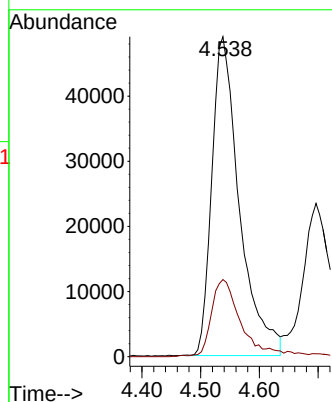
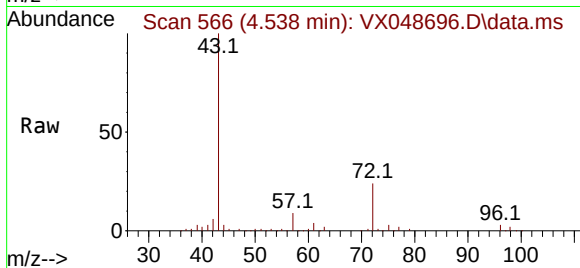




#25
2-Butanone
Concen: 105.812 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

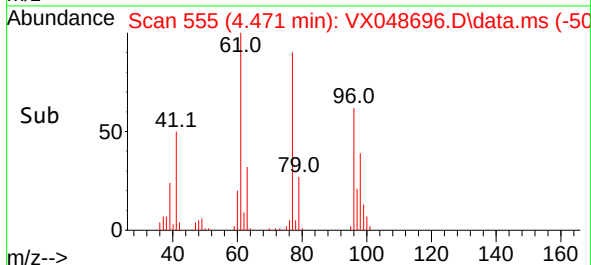
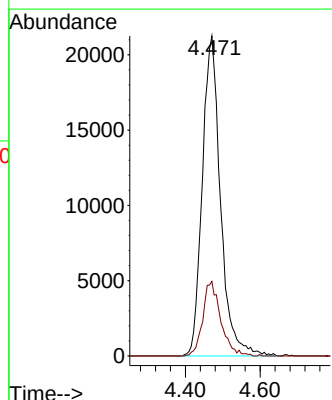
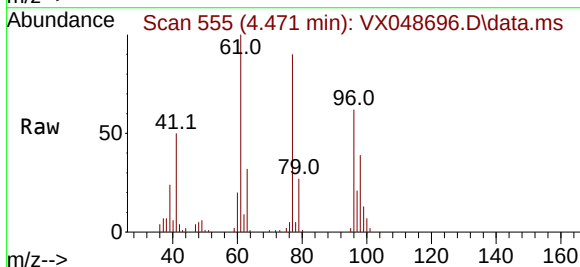
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

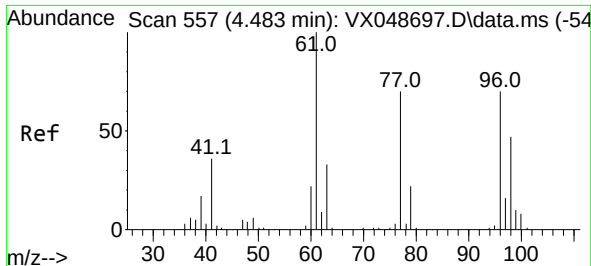
Tgt Ion: 43 Resp: 159602
Ion Ratio Lower Upper
43 100
72 23.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 19.336 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 77 Resp: 71811
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.854 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

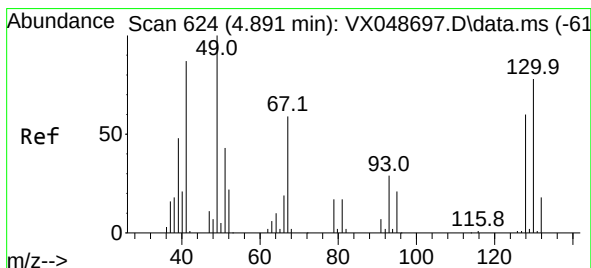
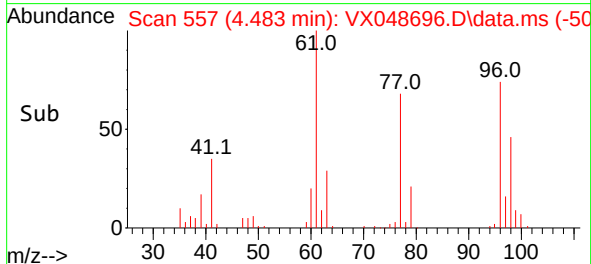
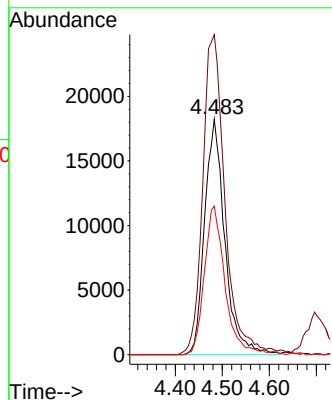
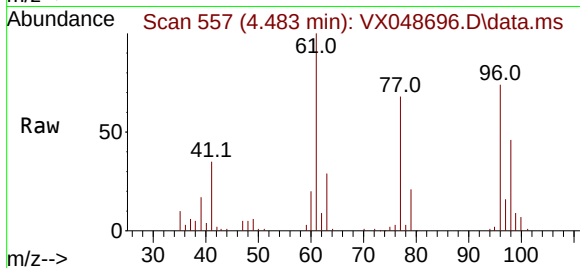
Tgt Ion: 96 Resp: 54393

Ion Ratio Lower Upper

96 100

61 149.6 0.0 291.6

98 64.2 0.0 128.6



#28

Bromochloromethane

Concen: 20.605 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

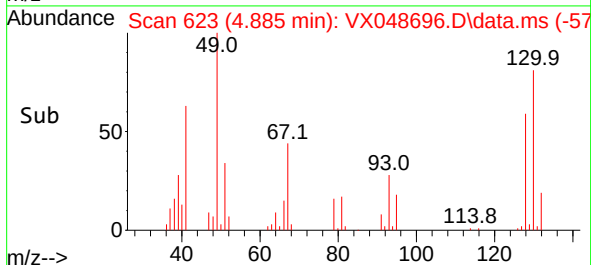
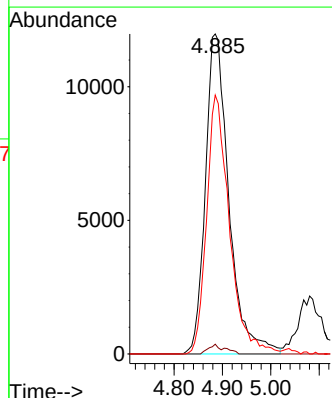
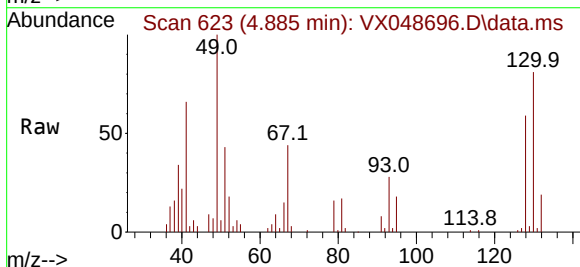
Tgt Ion: 49 Resp: 40487

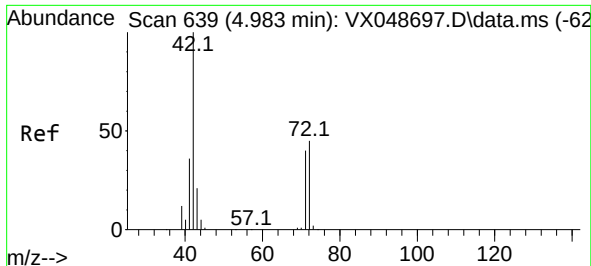
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.0

130 78.4 61.8 92.8





#29

Tetrahydrofuran

Concen: 104.548 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.006 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

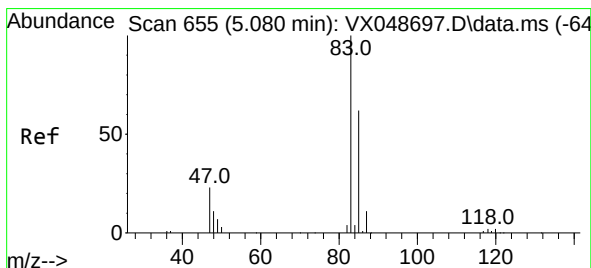
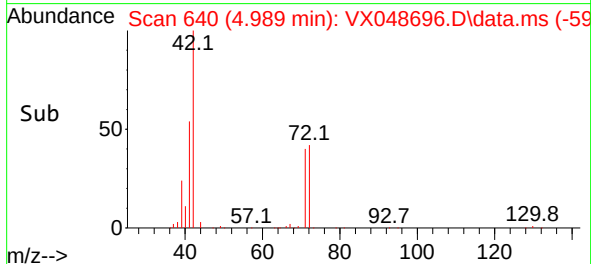
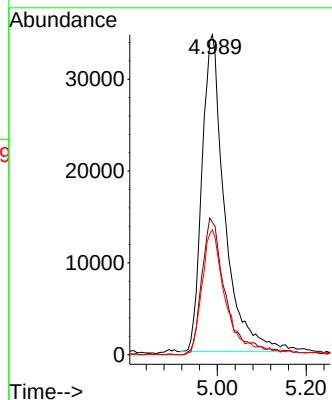
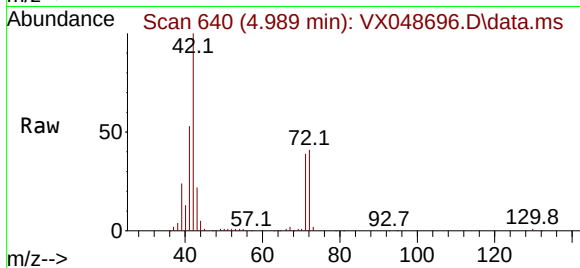
Tgt Ion: 42 Resp: 122480

Ion Ratio Lower Upper

42 100

72 45.2 36.6 55.0

71 41.6 33.0 49.6



#30

Chloroform

Concen: 20.662 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.000 min

Lab File: VX048696.D

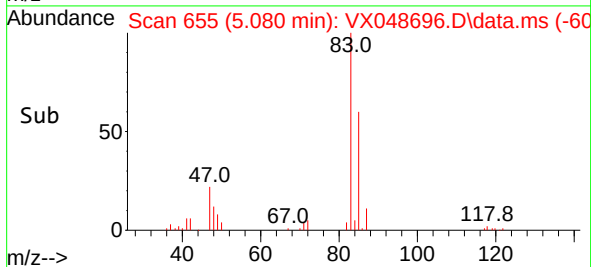
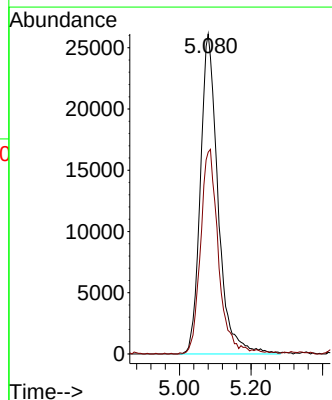
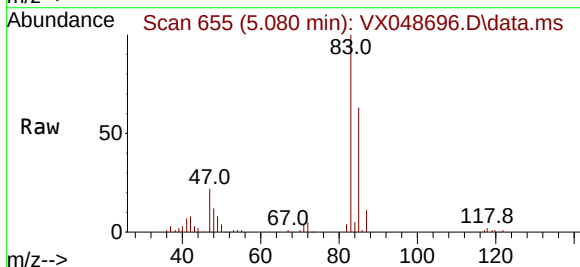
Acq: 03 Dec 2025 09:30

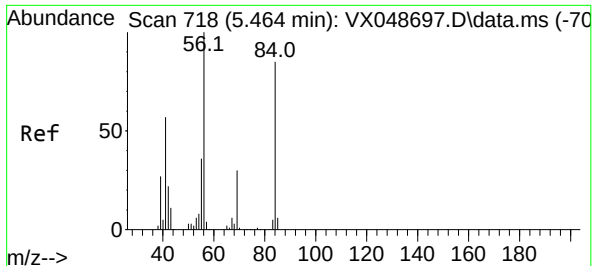
Tgt Ion: 83 Resp: 89576

Ion Ratio Lower Upper

83 100

85 62.8 49.6 74.4

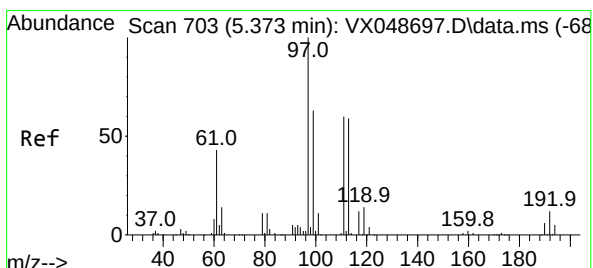
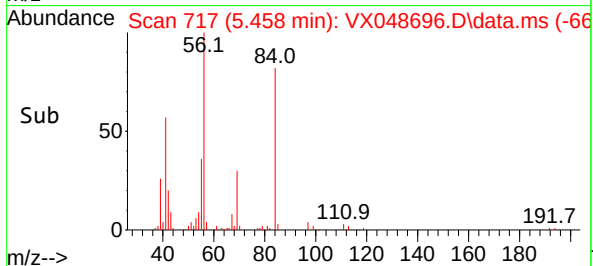
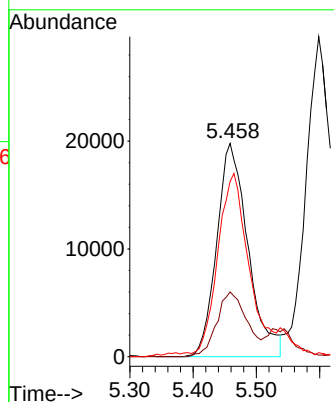
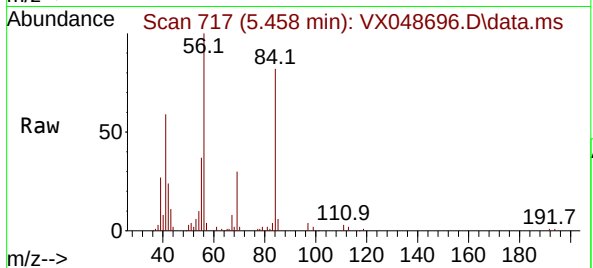




#31
Cyclohexane
Concen: 19.462 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

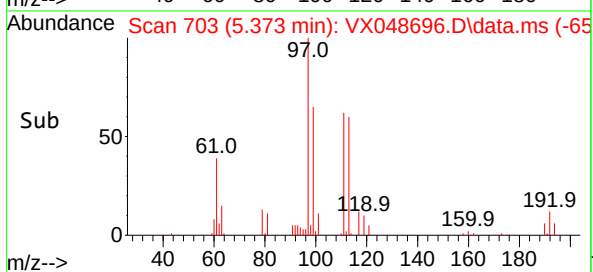
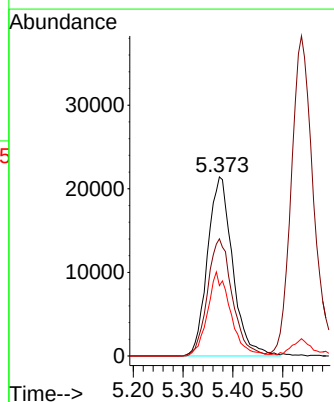
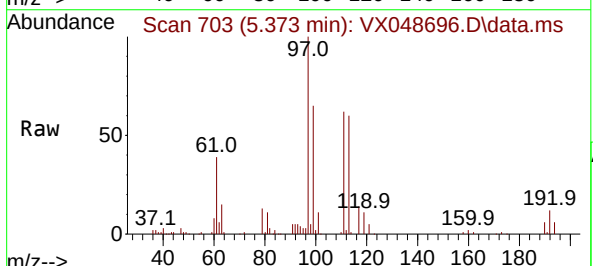
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

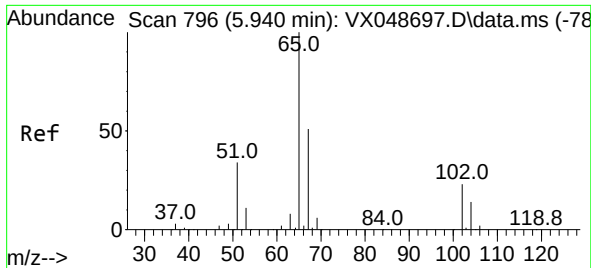
Tgt Ion: 56 Resp: 67854
Ion Ratio Lower Upper
56 100
69 30.4 24.2 36.4
84 80.9 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 19.189 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 97 Resp: 74800
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.4
61 43.1 34.2 51.4

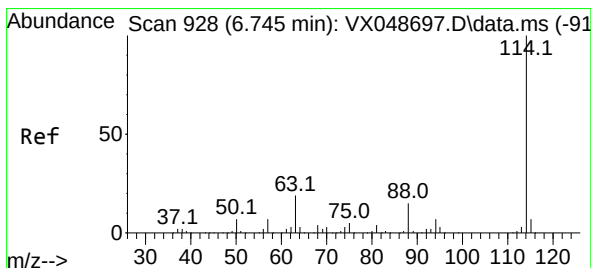
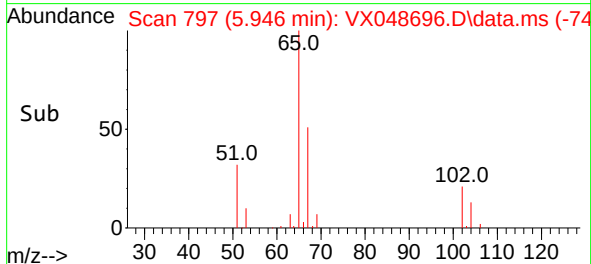
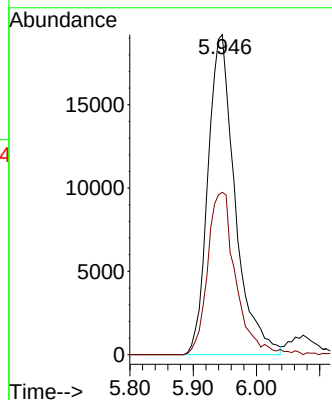
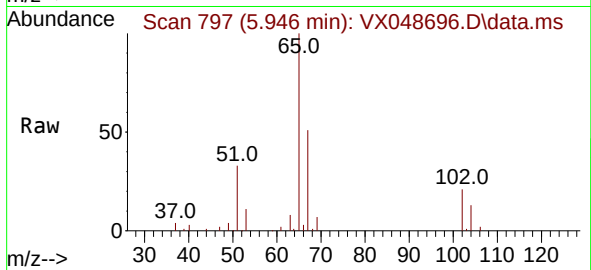




#33
 1,2-Dichloroethane-d4
 Concen: 21.155 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048696.D
 Acq: 03 Dec 2025 09:30

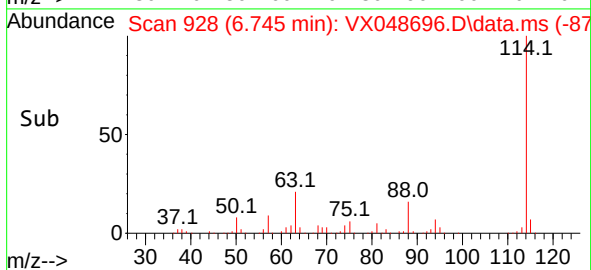
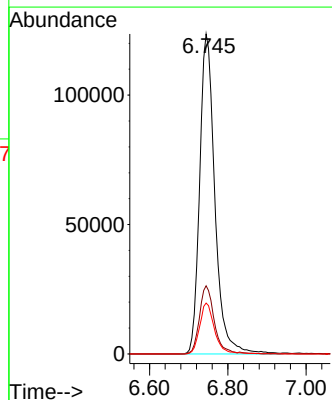
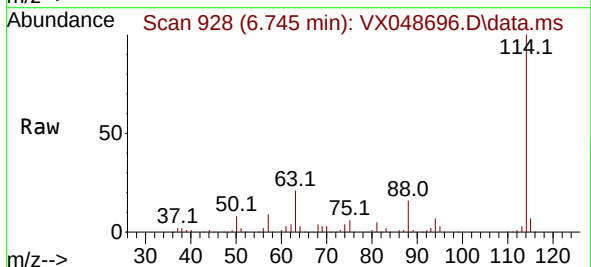
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

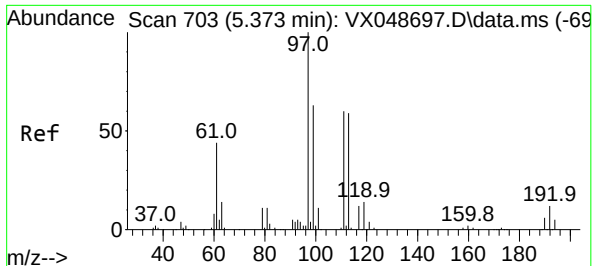
Tgt Ion: 65 Resp: 57159
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048696.D
 Acq: 03 Dec 2025 09:30

Tgt Ion: 114 Resp: 334199
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 38.0
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 19.830 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

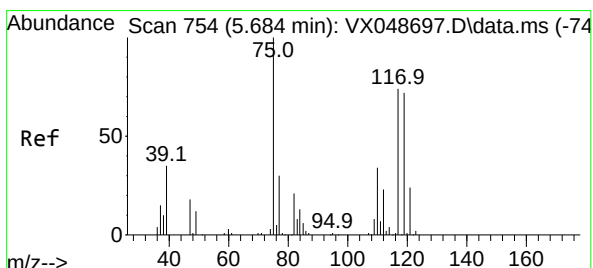
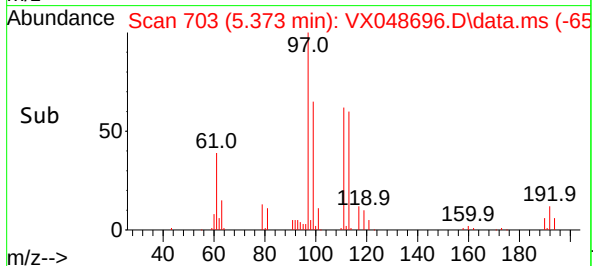
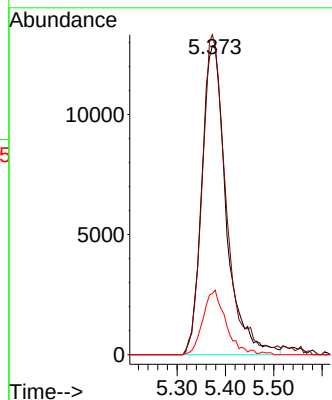
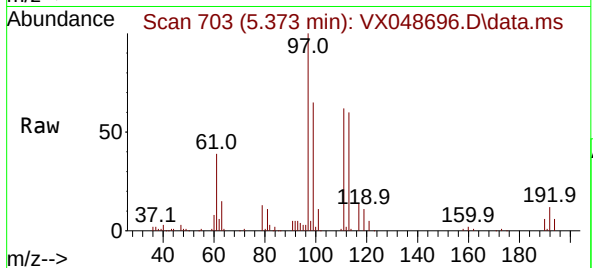
Tgt Ion:113 Resp: 45171

Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

192 19.6 15.5 23.3



#36

1,1-Dichloropropene

Concen: 18.530 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

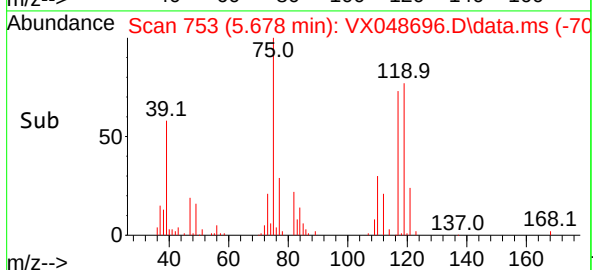
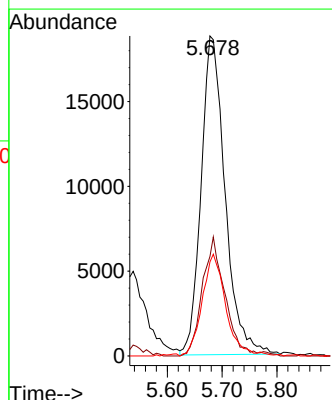
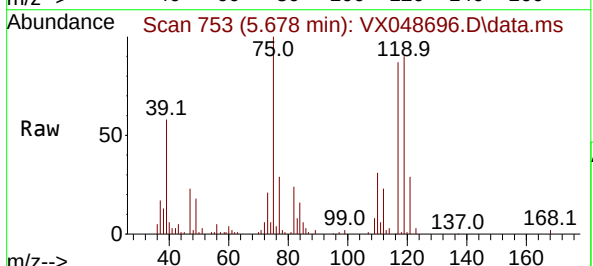
Tgt Ion: 75 Resp: 57033

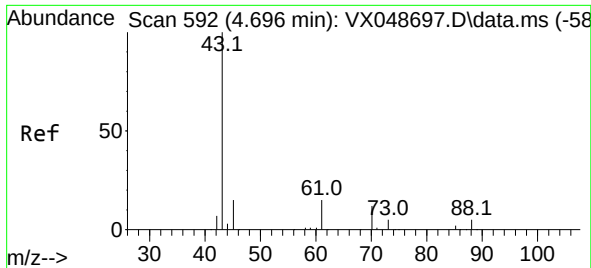
Ion Ratio Lower Upper

75 100

110 35.2 17.3 51.9

77 31.0 24.9 37.3

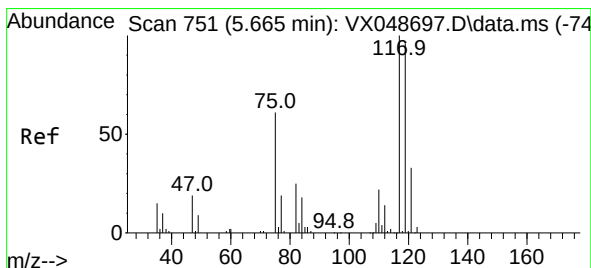
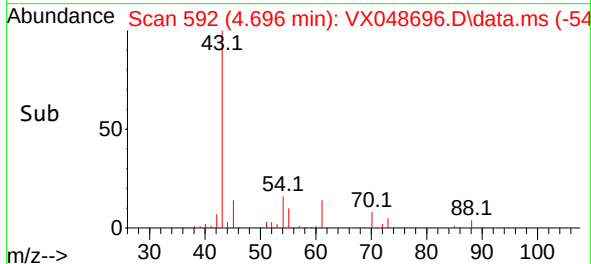
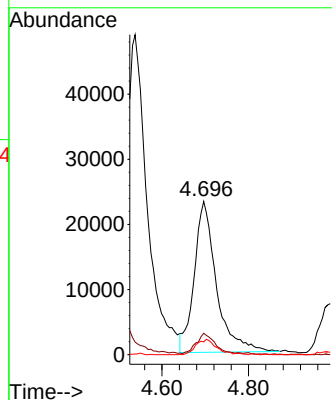
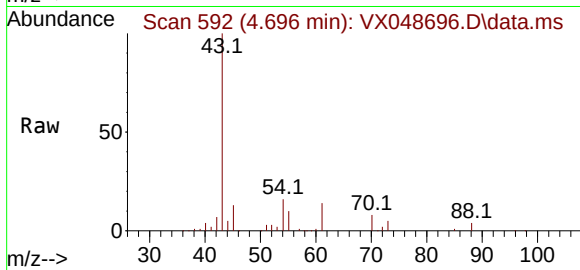




#37
Ethyl Acetate
Concen: 20.233 ug/l
RT: 4.696 min Scan# 592
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

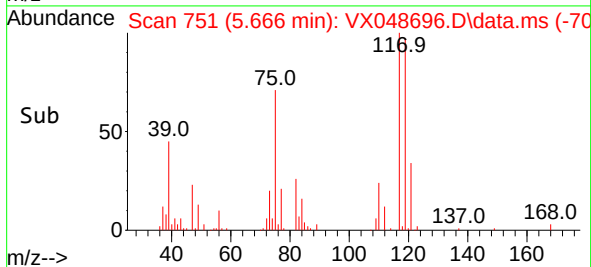
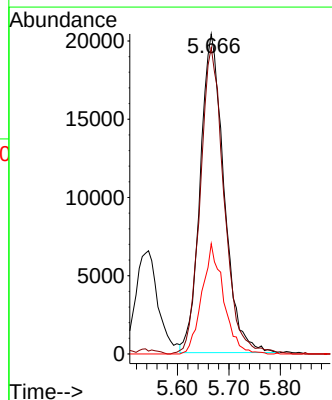
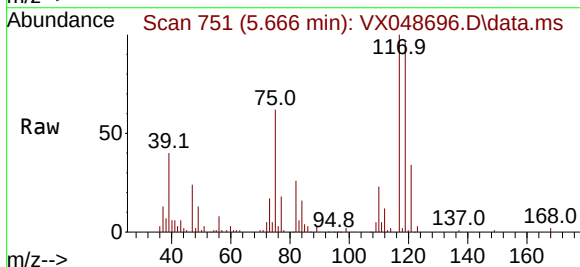
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

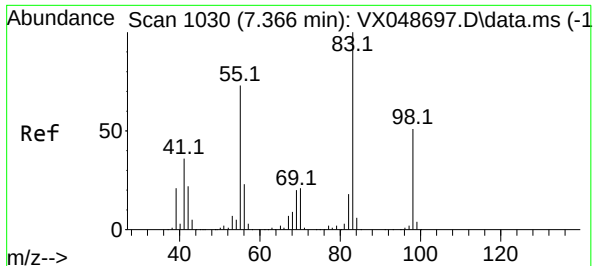
Tgt Ion: 43 Resp: 82227
Ion Ratio Lower Upper
43 100
61 11.0 9.4 14.0
70 9.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.521 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 117 Resp: 65507
Ion Ratio Lower Upper
117 100
119 95.5 76.0 114.0
121 34.6 26.1 39.1





#39

Methylcyclohexane

Concen: 17.804 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

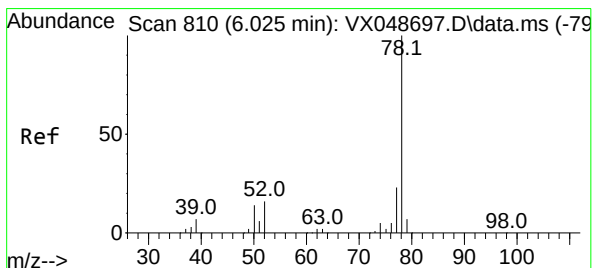
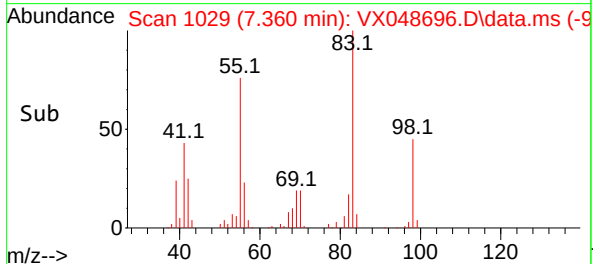
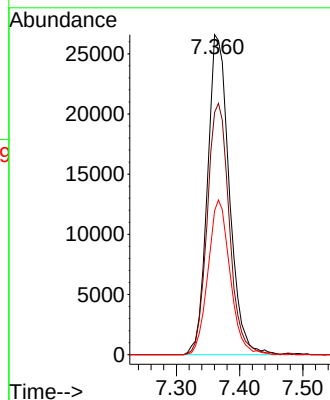
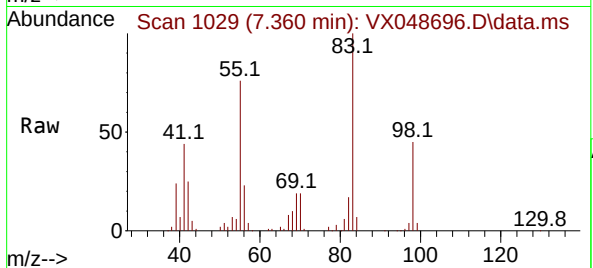
Tgt Ion: 83 Resp: 63782

Ion Ratio Lower Upper

83 100

55 75.7 58.2 87.2

98 45.0 41.2 61.8



#40

Benzene

Concen: 20.435 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048696.D

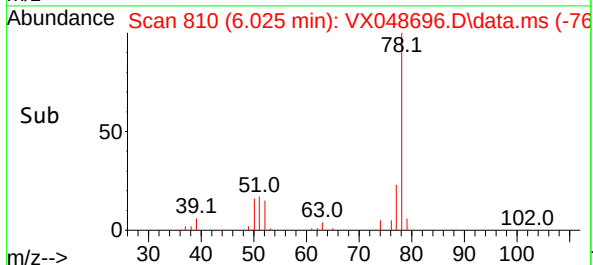
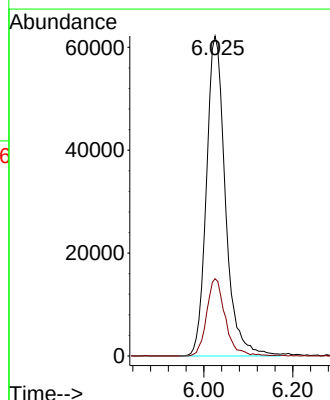
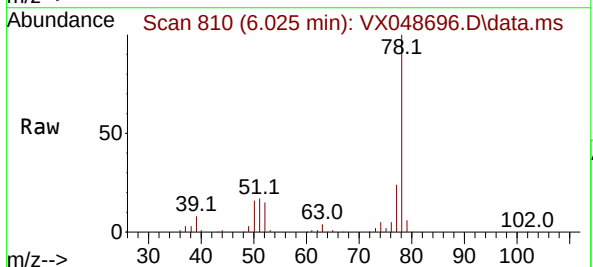
Acq: 03 Dec 2025 09:30

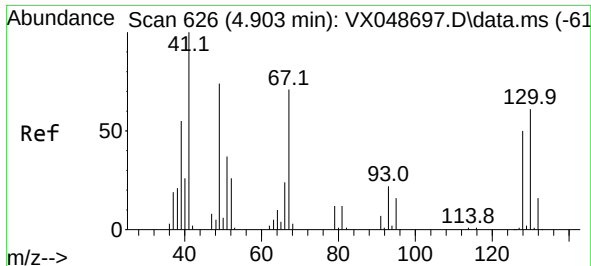
Tgt Ion: 78 Resp: 184866

Ion Ratio Lower Upper

78 100

77 24.2 18.5 27.7



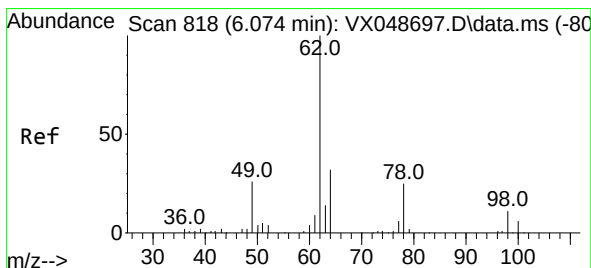
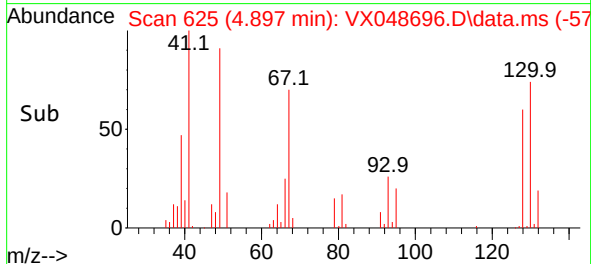
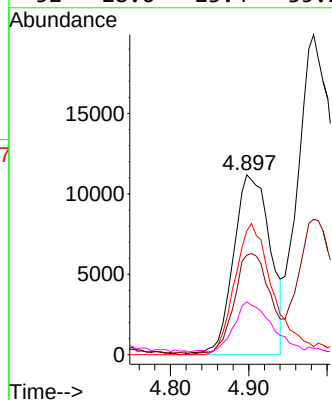
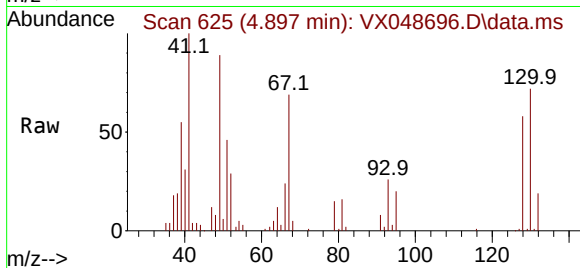


#41
Methacrylonitrile
Concen: 20.588 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 36414

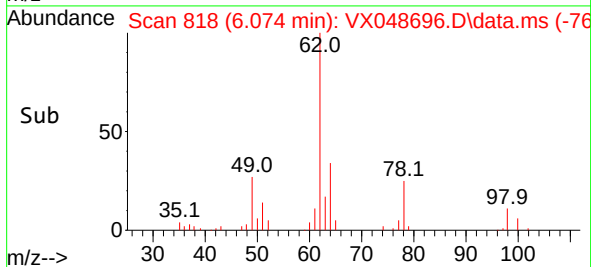
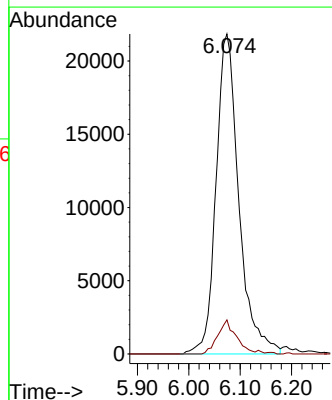
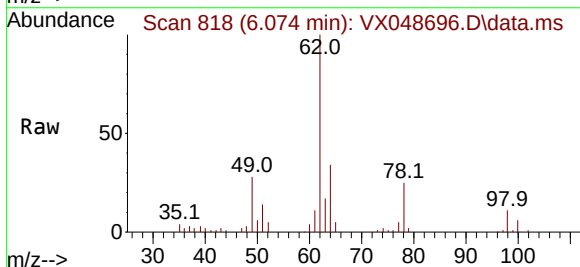
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.9	67.3
67	75.8	63.7	95.5
52	28.6	23.4	35.2

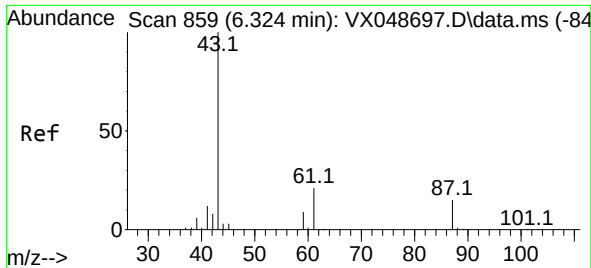


#42
1,2-Dichloroethane
Concen: 20.690 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 62 Resp: 67211

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	20.0

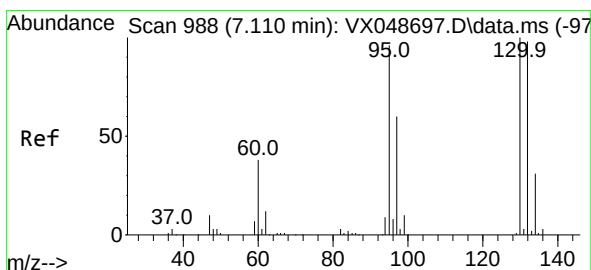
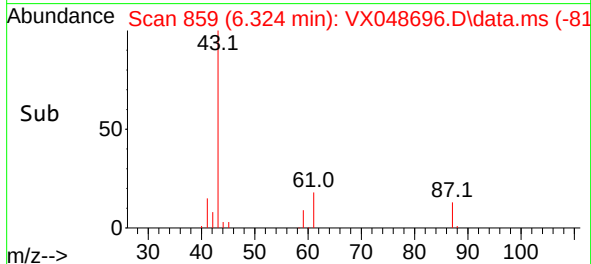
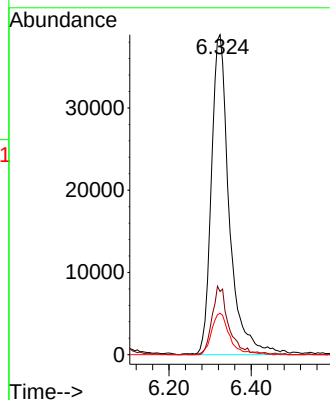
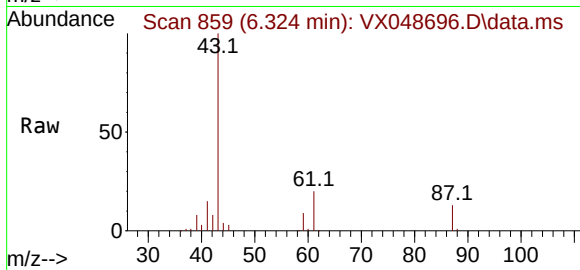




#43
Isopropyl Acetate
Concen: 21.391 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

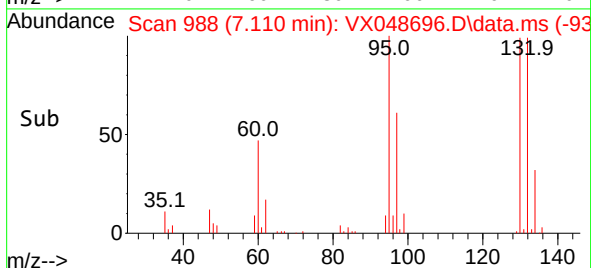
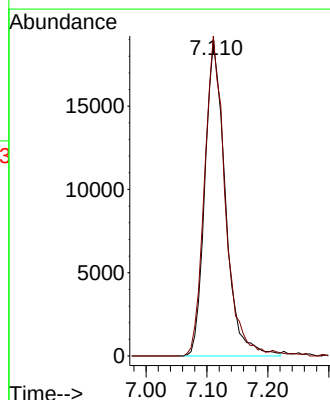
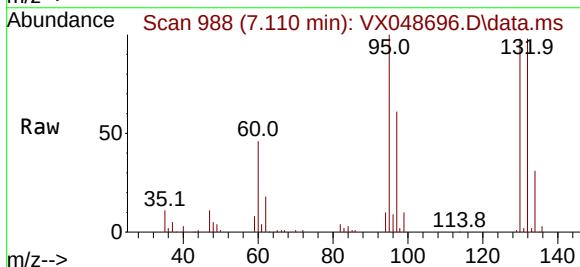
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

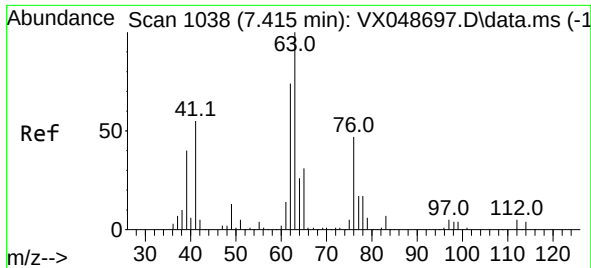
Tgt Ion: 43 Resp: 117377
Ion Ratio Lower Upper
43 100
61 20.0 17.3 25.9
87 13.1 11.8 17.6



#44
Trichloroethene
Concen: 18.531 ug/l
RT: 7.110 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion:130 Resp: 44134
Ion Ratio Lower Upper
130 100
95 101.9 0.0 192.0

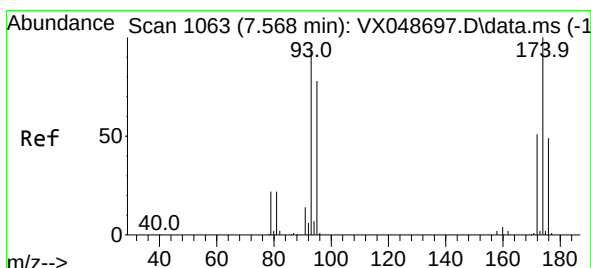
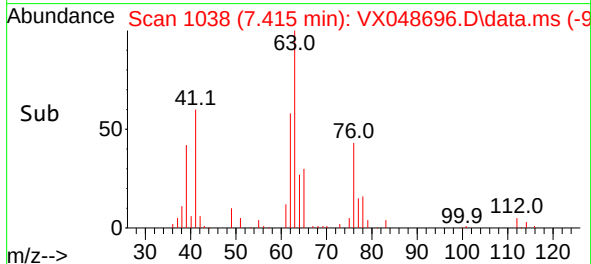
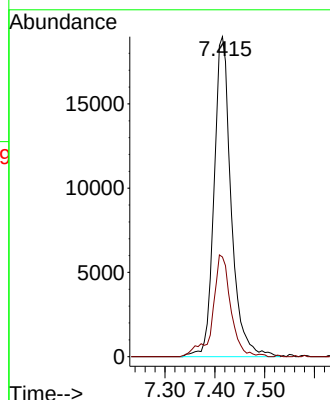
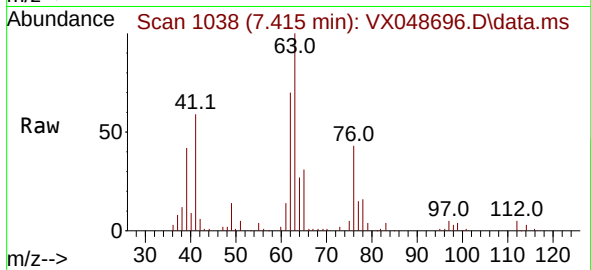




#45
1,2-Dichloropropane
Concen: 20.482 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

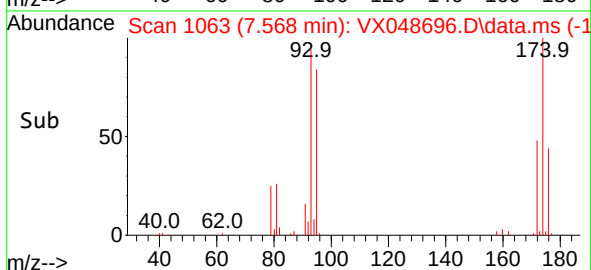
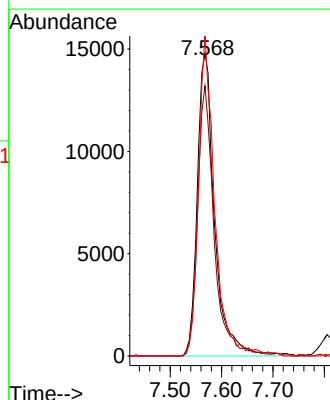
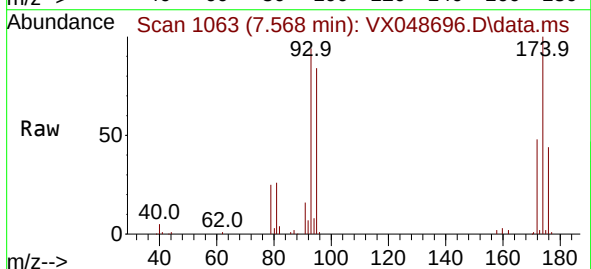
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

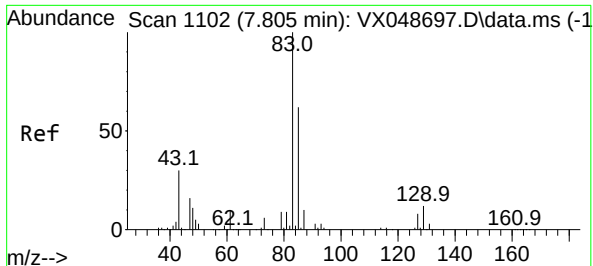
Tgt Ion: 63 Resp: 45289
Ion Ratio Lower Upper
63 100
65 31.1 25.2 37.8



#46
Dibromomethane
Concen: 20.260 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 93 Resp: 34464
Ion Ratio Lower Upper
93 100
95 85.3 66.2 99.2
174 98.5 86.1 129.1

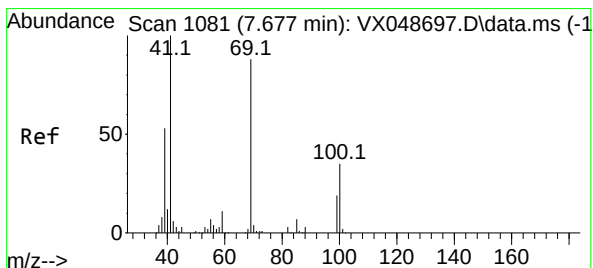
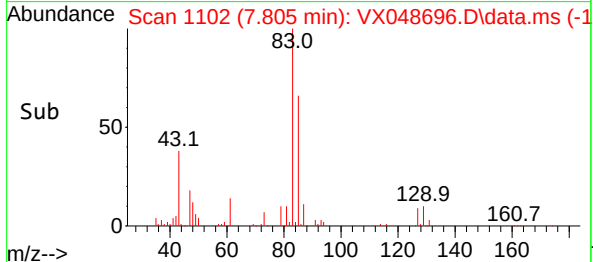
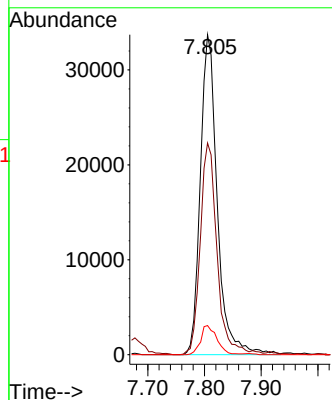
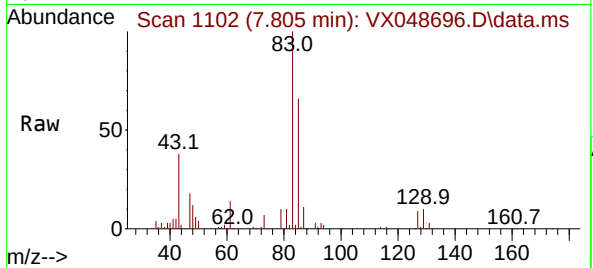




#47
Bromodichloromethane
Concen: 20.067 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

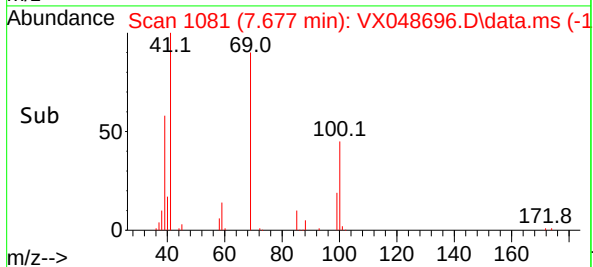
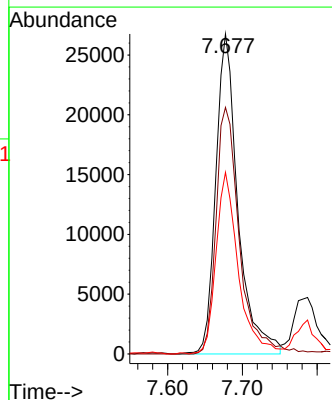
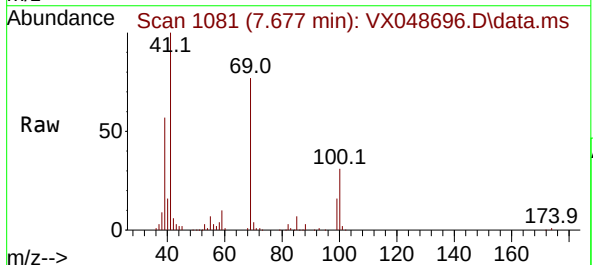
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

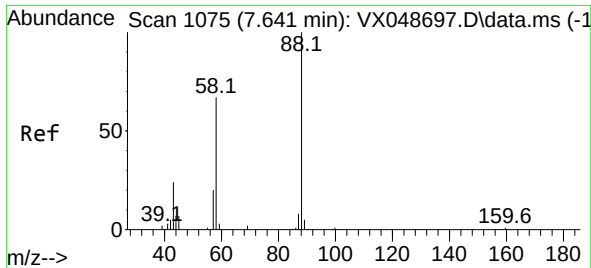
Tgt Ion: 83 Resp: 69984
Ion Ratio Lower Upper
83 100
85 66.1 49.8 74.8
127 9.1 6.7 10.1



#48
Methyl methacrylate
Concen: 21.101 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 41 Resp: 55321
Ion Ratio Lower Upper
41 100
69 81.6 70.9 106.3
39 57.0 42.0 63.0

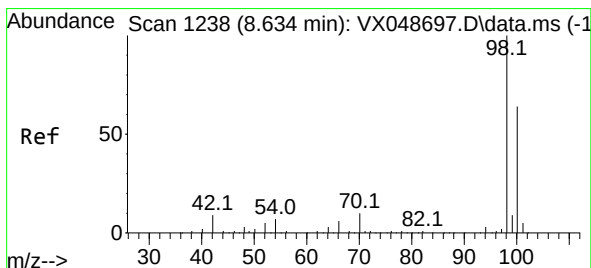
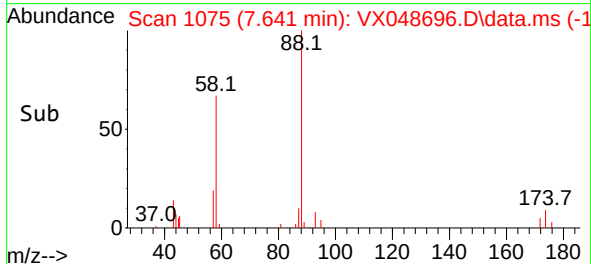
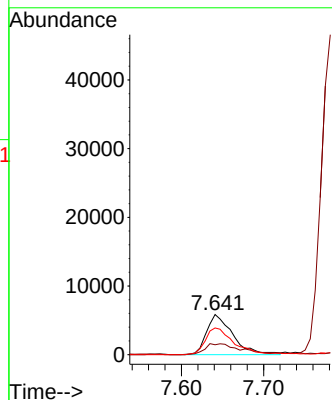
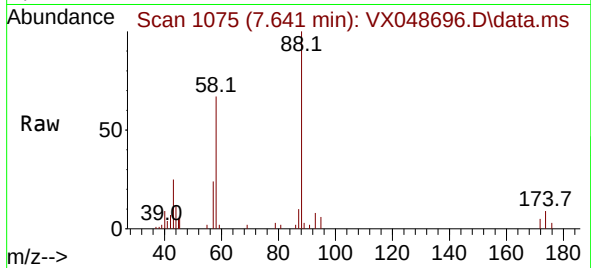




#49
1,4-Dioxane
Concen: 406.291 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

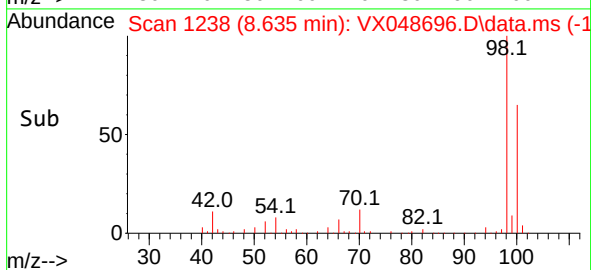
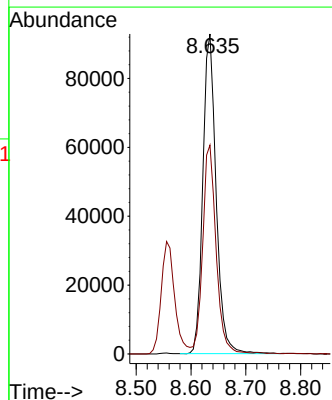
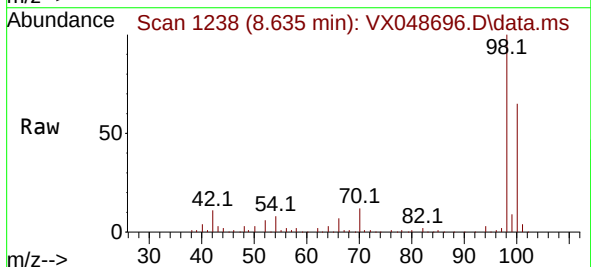
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

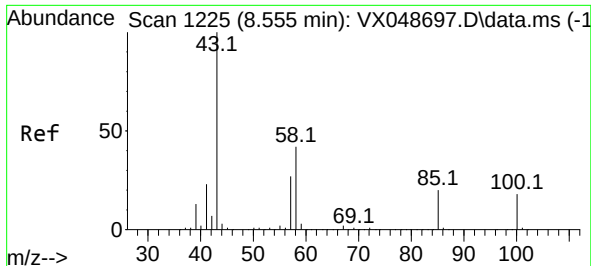
Tgt Ion:	88	Resp:	13027
Ion	Ratio	Lower	Upper
88	100		
43	36.6	27.9	41.9
58	74.5	54.9	82.3



#50
Toluene-d8
Concen: 19.971 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion:	98	Resp:	156002
Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.4	80.2

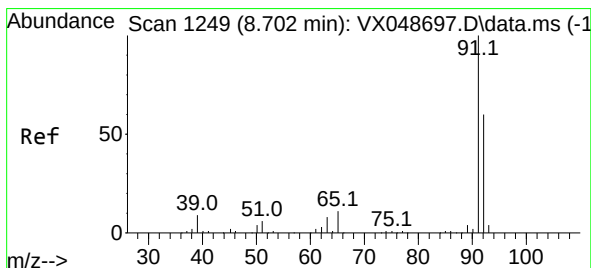
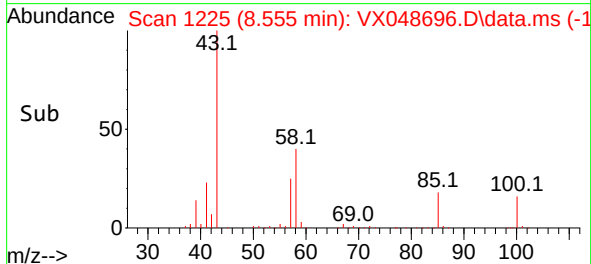
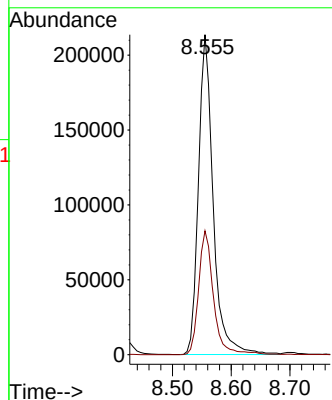
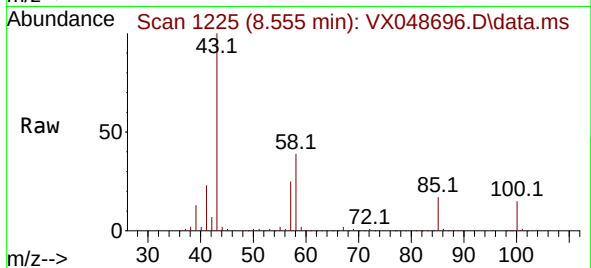




#51
4-Methyl-2-Pentanone
Concen: 107.759 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

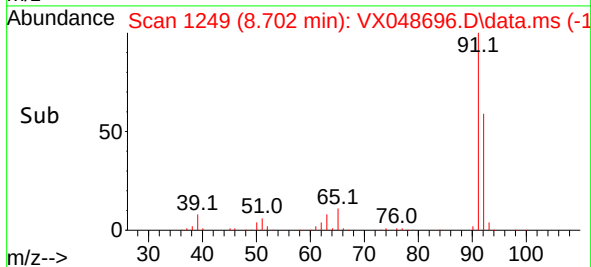
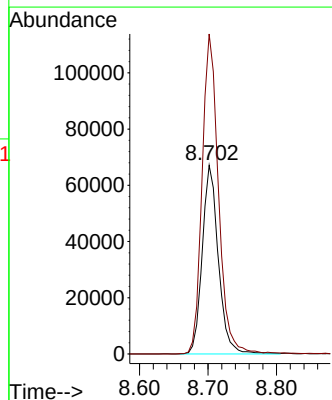
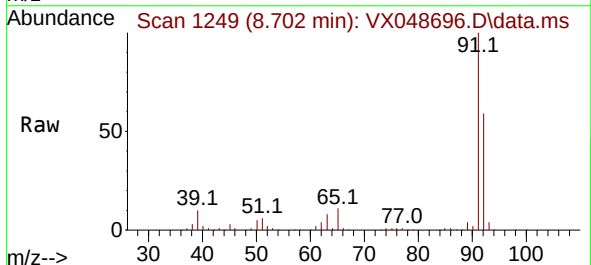
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

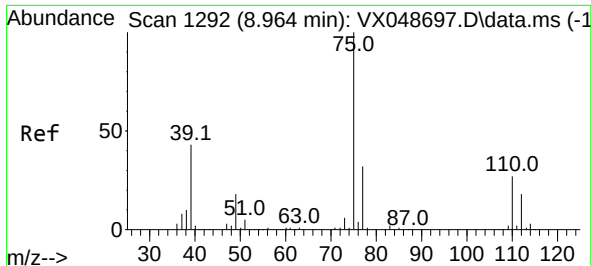
Tgt Ion: 43 Resp: 372706
Ion Ratio Lower Upper
43 100
58 39.2 33.6 50.4



#52
Toluene
Concen: 19.820 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 92 Resp: 110039
Ion Ratio Lower Upper
92 100
91 173.0 134.7 202.1





#53

t-1,3-Dichloropropene

Concen: 20.349 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

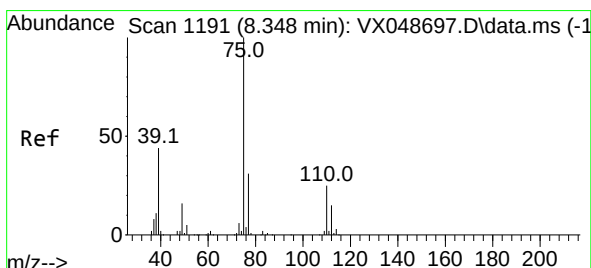
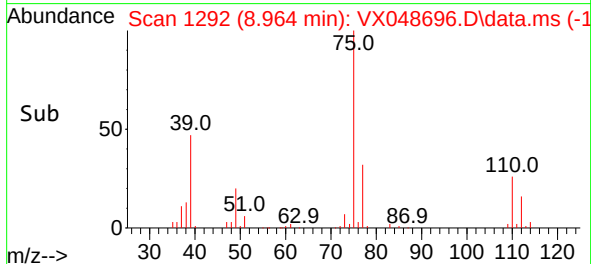
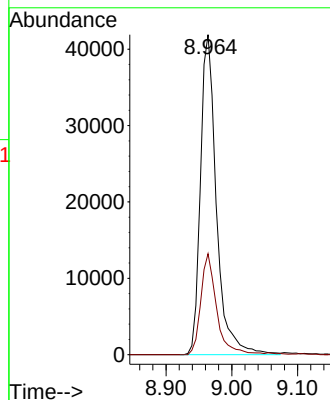
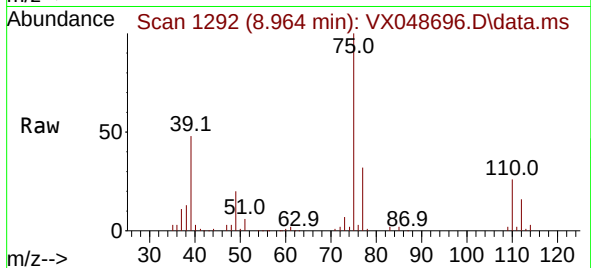
VSTDIC020

Tgt Ion: 75 Resp: 70643

Ion Ratio Lower Upper

75 100

77 31.6 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.303 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

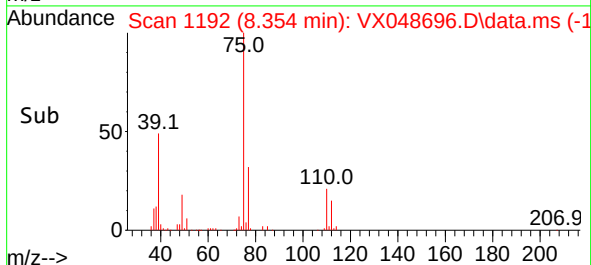
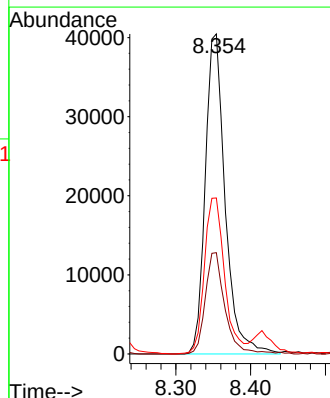
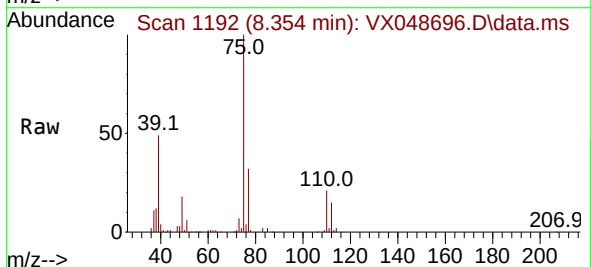
Tgt Ion: 75 Resp: 74756

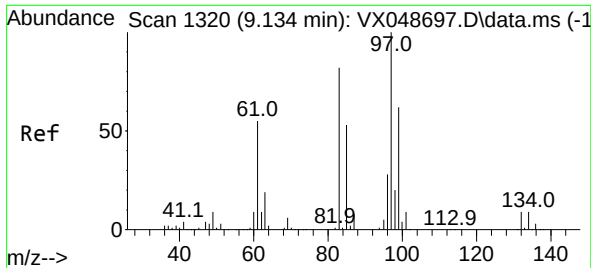
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 48.6 35.2 52.8

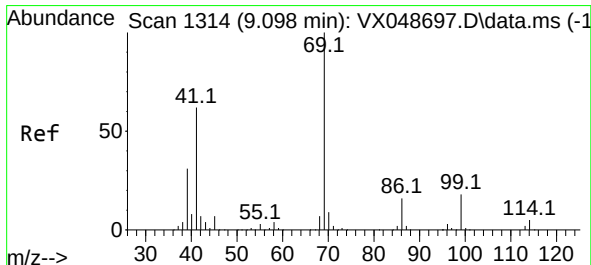
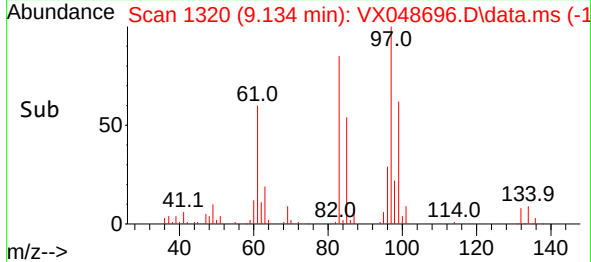
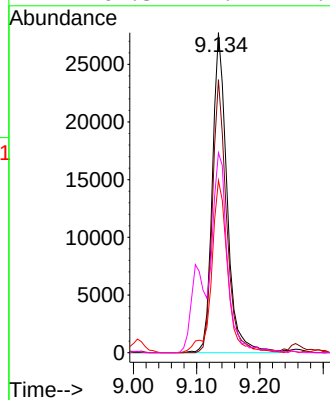
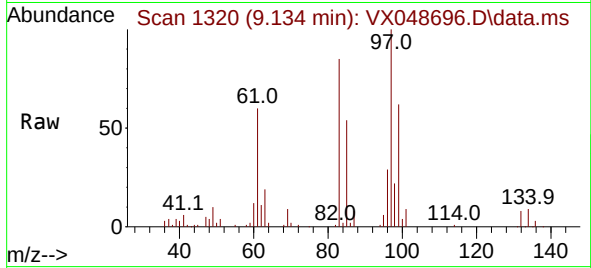




#55
1,1,2-Trichloroethane
Concen: 20.339 ug/l
RT: 9.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

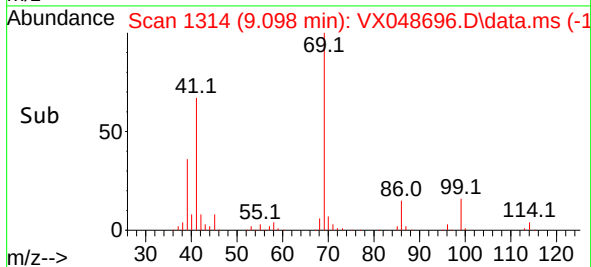
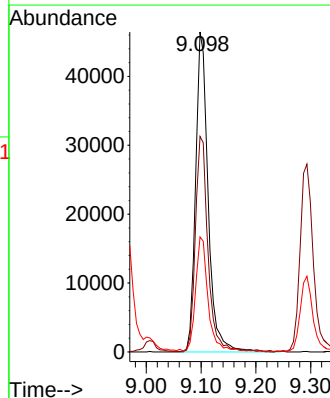
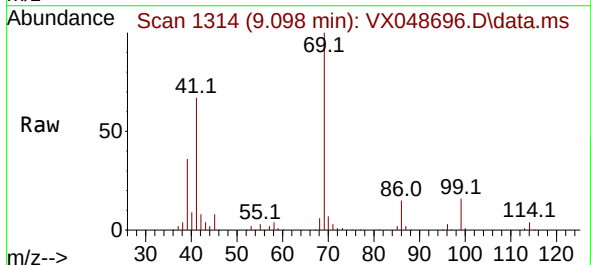
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

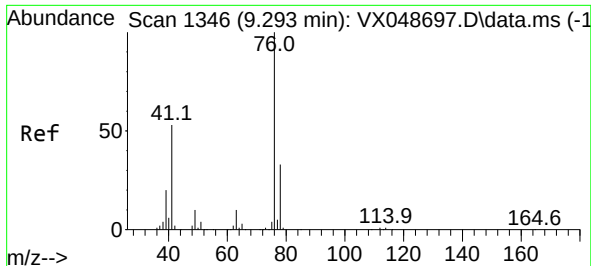
Tgt Ion: 97	Resp: 44769
Ion Ratio	Lower Upper
97 100	
83 85.3	65.8 98.6
85 53.8	42.5 63.7
99 62.3	49.4 74.2



#56
Ethyl methacrylate
Concen: 20.978 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 69	Resp: 73993
Ion Ratio	Lower Upper
69 100	
41 68.5	49.0 73.6
39 34.9	25.1 37.7





#57

1,3-Dichloropropane

Concen: 20.435 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

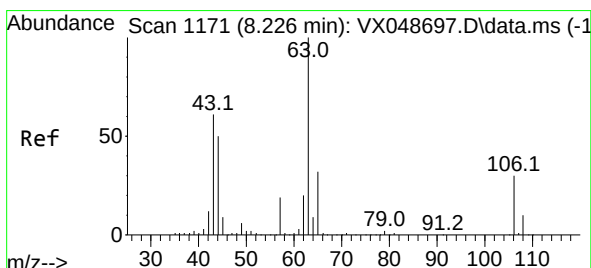
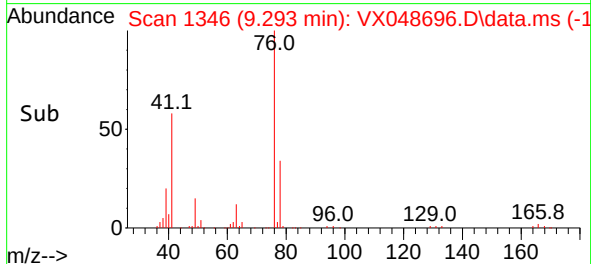
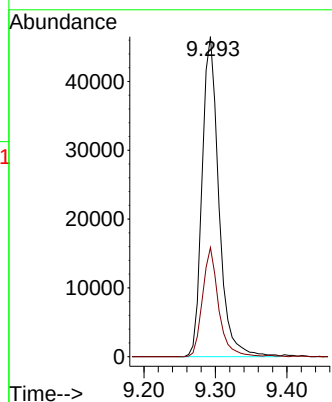
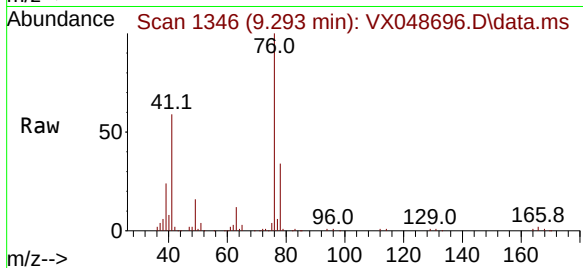
VSTDIC020

Tgt Ion: 76 Resp: 75676

Ion Ratio Lower Upper

76 100

78 32.7 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 102.103 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048696.D

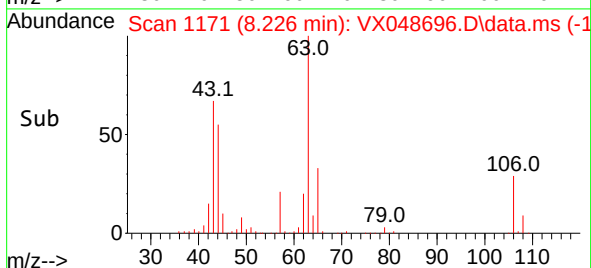
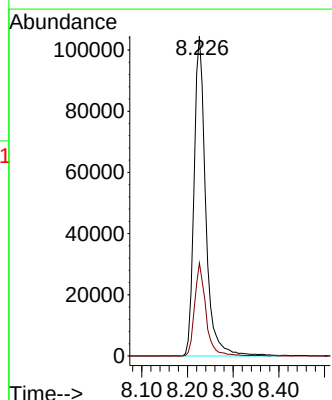
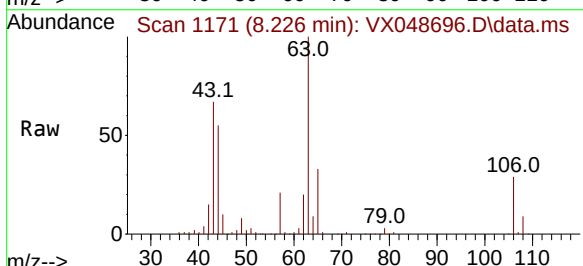
Acq: 03 Dec 2025 09:30

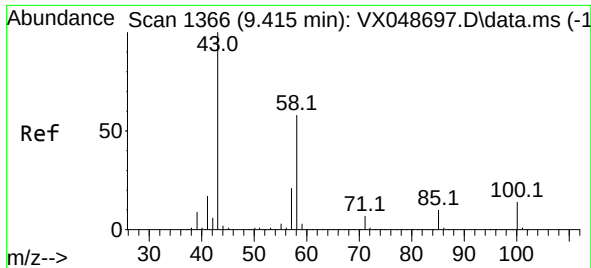
Tgt Ion: 63 Resp: 185616

Ion Ratio Lower Upper

63 100

106 28.1 24.6 37.0





#59

2-Hexanone

Concen: 106.823 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

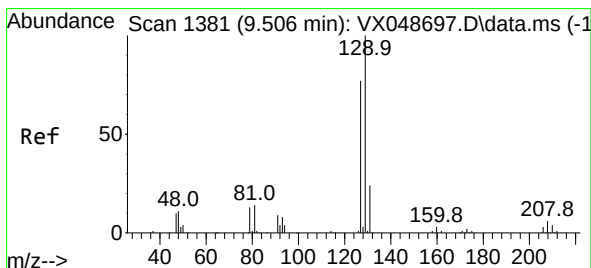
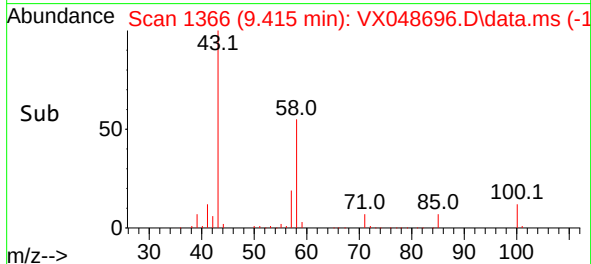
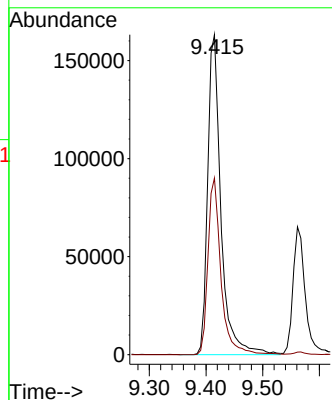
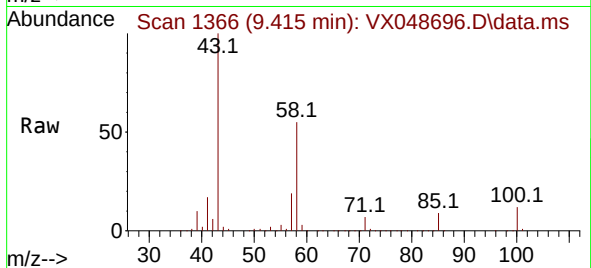
VSTDICC020

Tgt Ion: 43 Resp: 265100

Ion Ratio Lower Upper

43 100

58 54.3 28.8 86.5



#60

Dibromochloromethane

Concen: 19.742 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VX048696.D

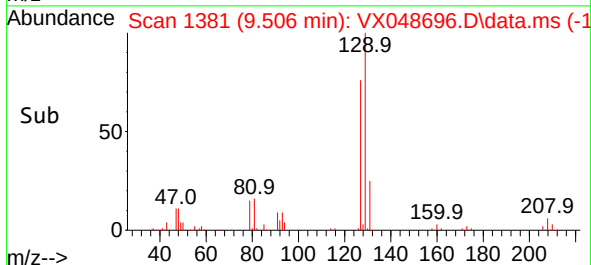
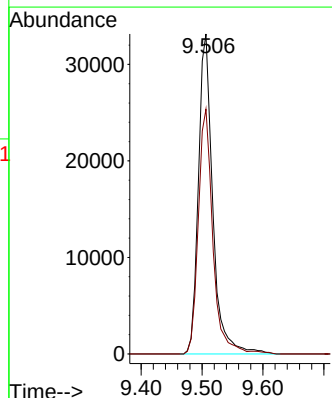
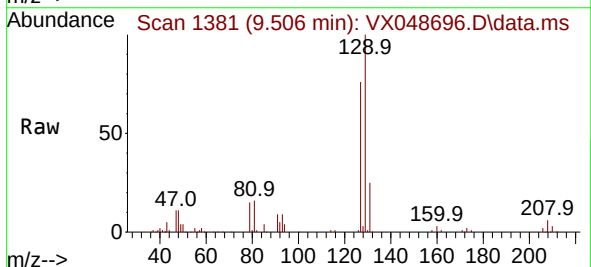
Acq: 03 Dec 2025 09:30

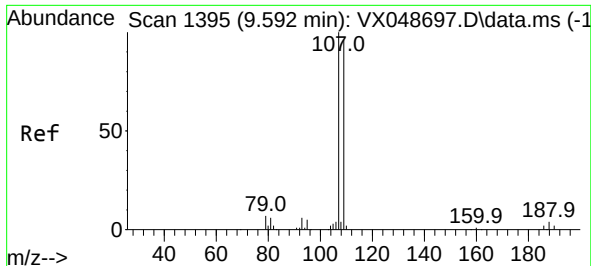
Tgt Ion: 129 Resp: 54199

Ion Ratio Lower Upper

129 100

127 78.0 38.0 113.9

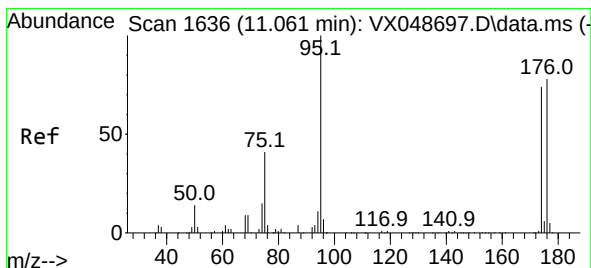
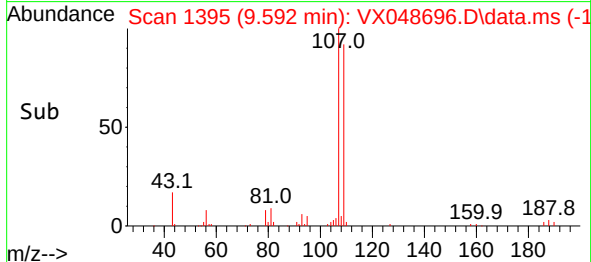
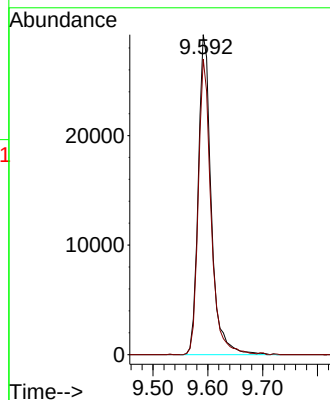
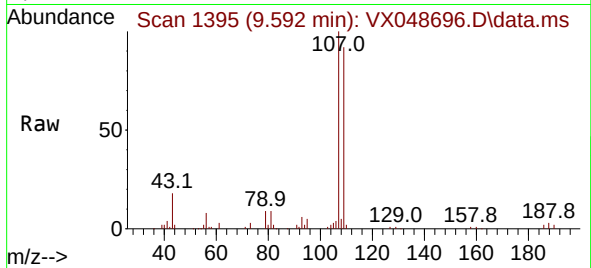




#61
1,2-Dibromoethane
Concen: 19.764 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

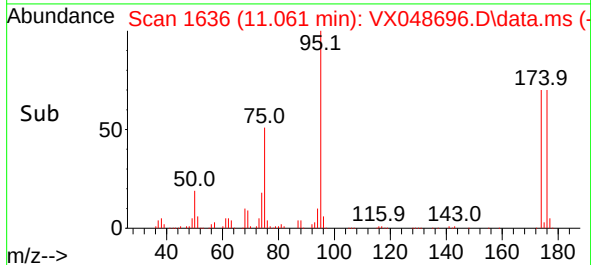
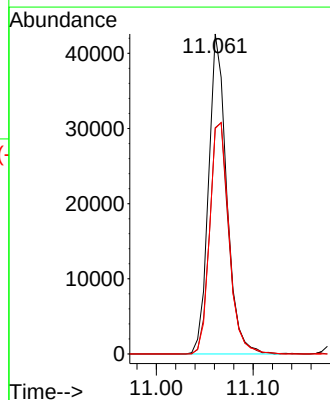
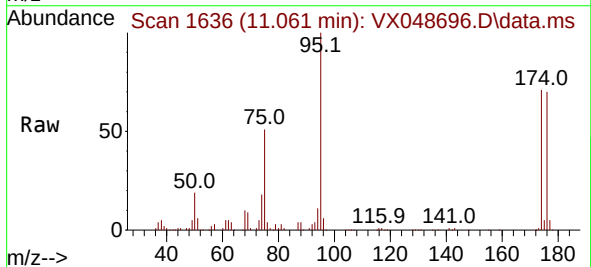
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

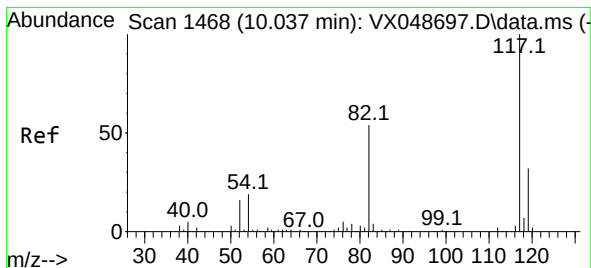
Tgt Ion:107 Resp: 48098
Ion Ratio Lower Upper
107 100
109 91.2 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 19.354 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 95 Resp: 55482
Ion Ratio Lower Upper
95 100
174 76.7 0.0 164.6
176 76.9 0.0 163.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

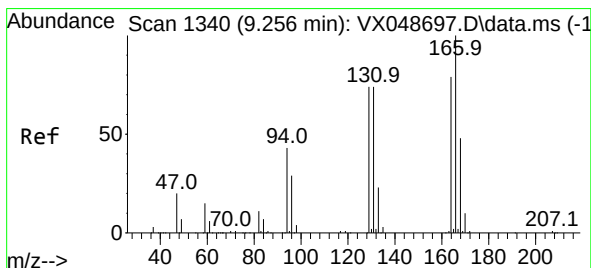
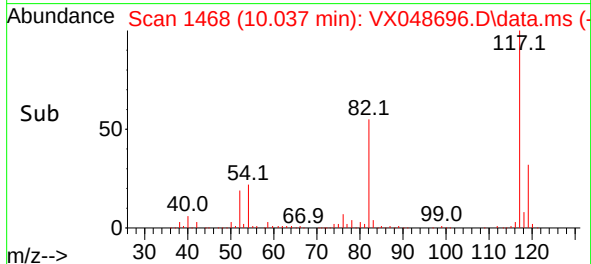
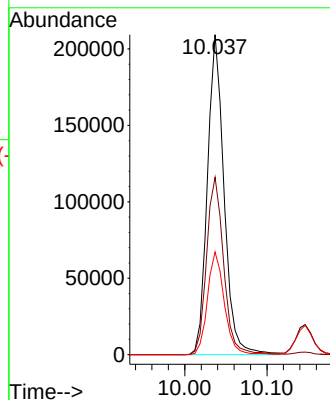
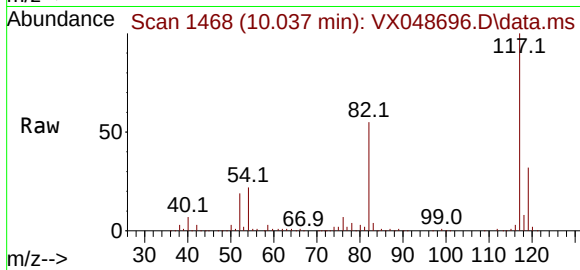
Tgt Ion:117 Resp: 294184

Ion Ratio Lower Upper

117 100

82 55.4 42.9 64.3

119 32.1 25.3 37.9



#64

Tetrachloroethene

Concen: 18.331 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Tgt Ion:164 Resp: 37032

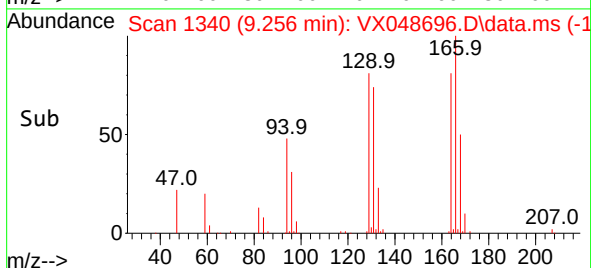
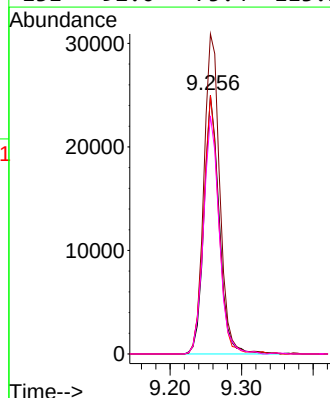
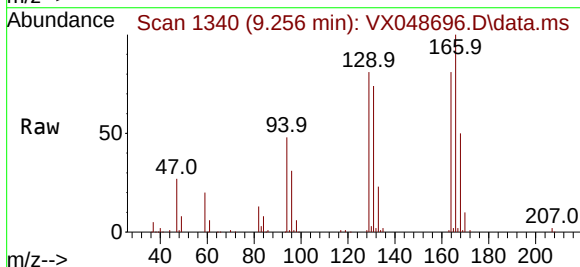
Ion Ratio Lower Upper

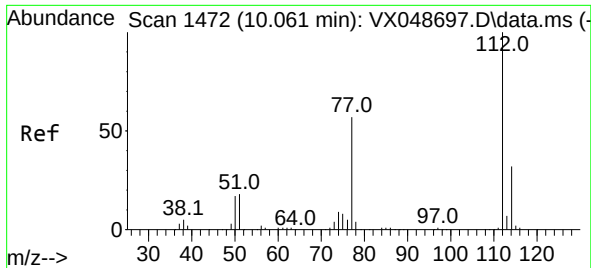
164 100

166 123.6 101.4 152.2

129 99.8 75.5 113.3

131 92.0 75.4 113.2

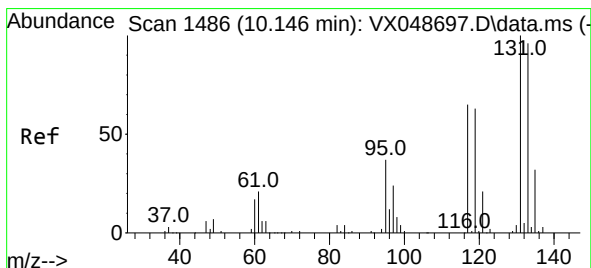
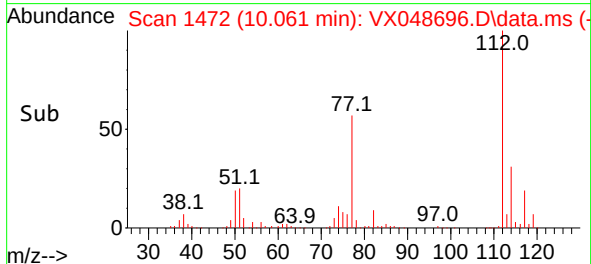
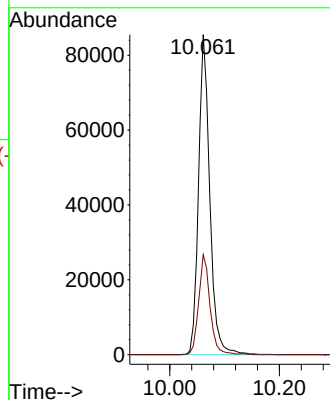
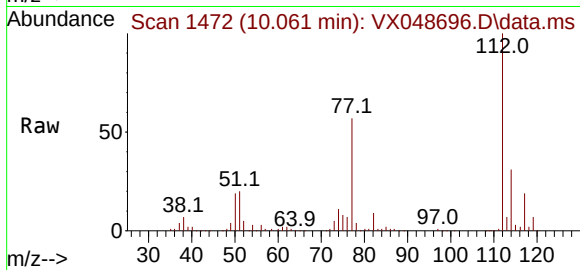




#65
Chlorobenzene
Concen: 19.613 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

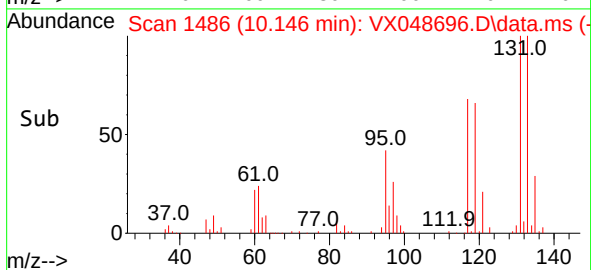
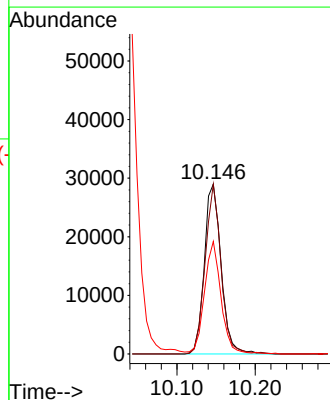
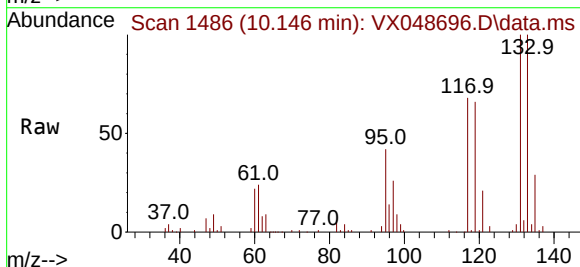
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

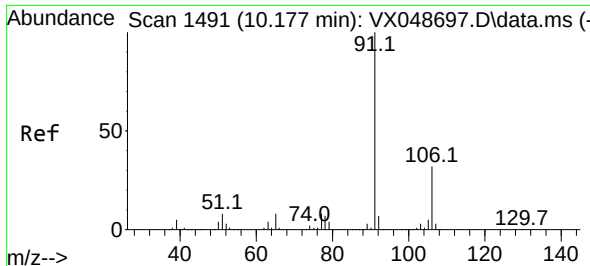
Tgt Ion:112 Resp: 122229
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.922 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion:131 Resp: 43195
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 65.5 32.1 96.5

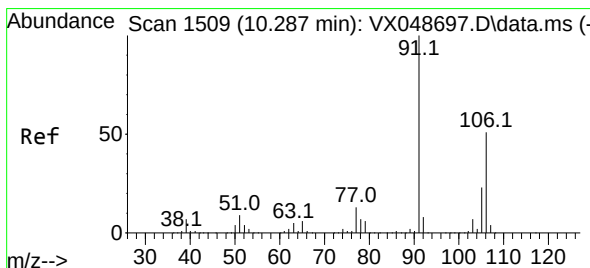
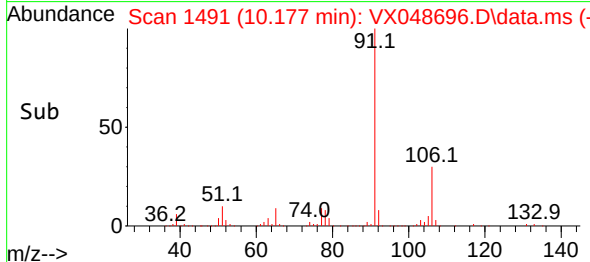
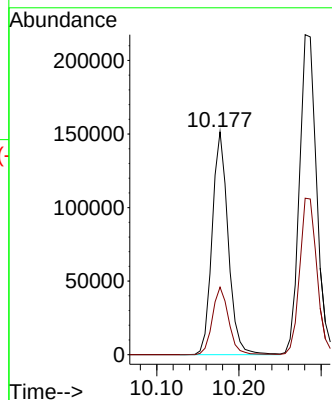
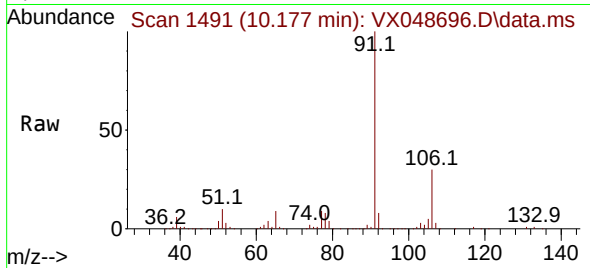




#67
Ethyl Benzene
Concen: 20.049 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

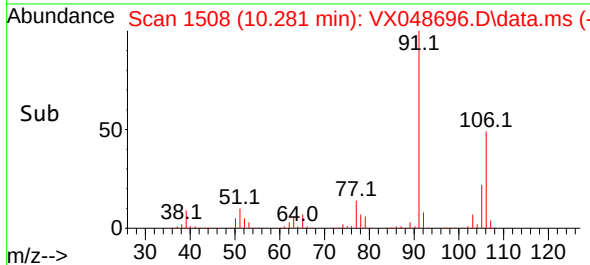
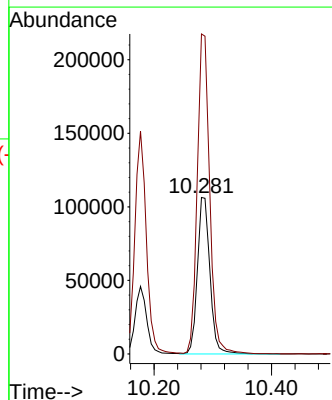
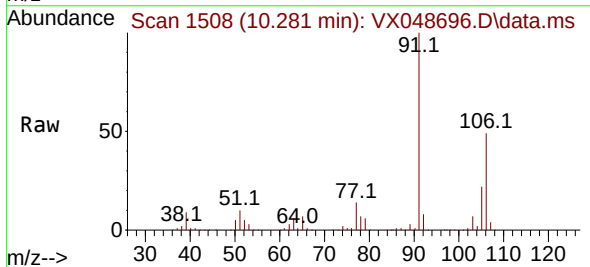
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

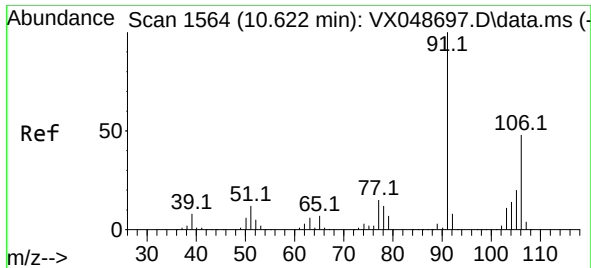
Tgt Ion: 91 Resp: 205258
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 39.831 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 106 Resp: 157084
Ion Ratio Lower Upper
106 100
91 202.7 161.0 241.6

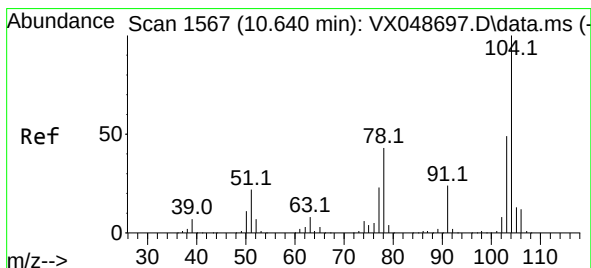
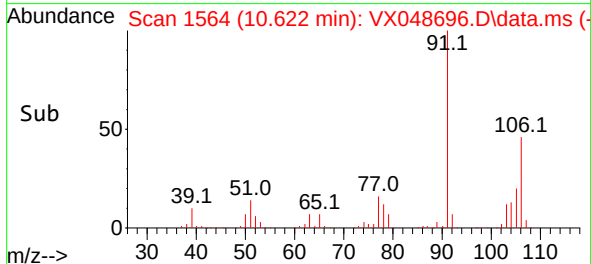
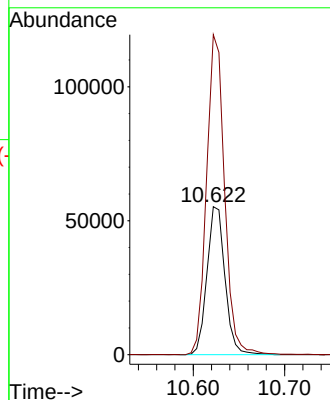
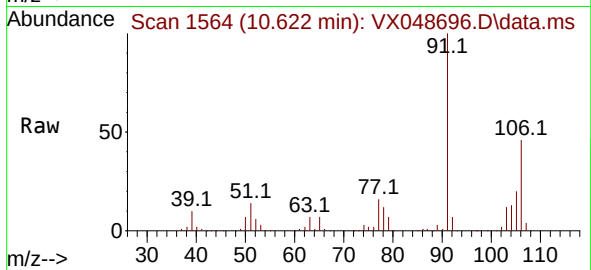




#69
o-Xylene
Concen: 19.869 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

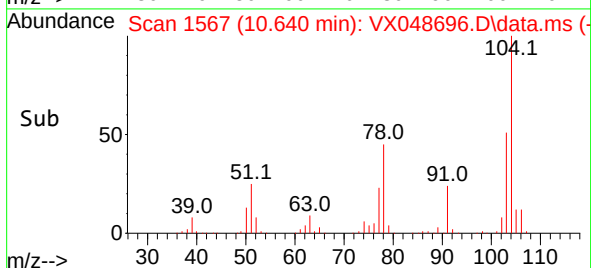
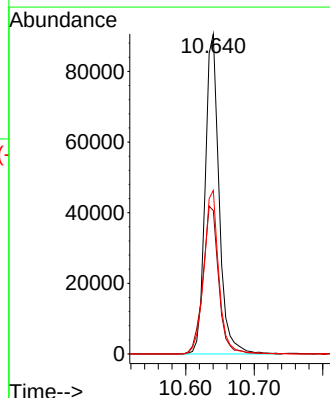
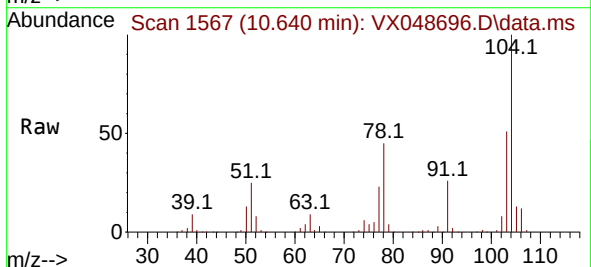
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

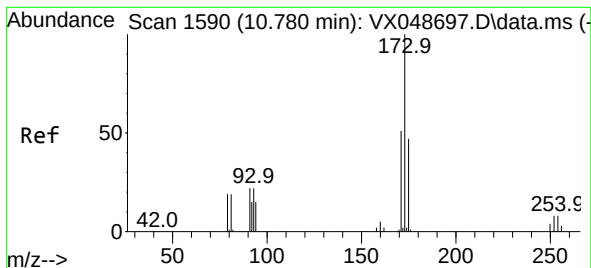
Tgt Ion:106 Resp: 75494
Ion Ratio Lower Upper
106 100
91 215.9 106.1 318.3



#70
Styrene
Concen: 20.097 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion:104 Resp: 128343
Ion Ratio Lower Upper
104 100
78 51.9 39.2 58.8
103 54.8 43.0 64.4





#71

Bromoform

Concen: 18.656 ug/l

RT: 10.780 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

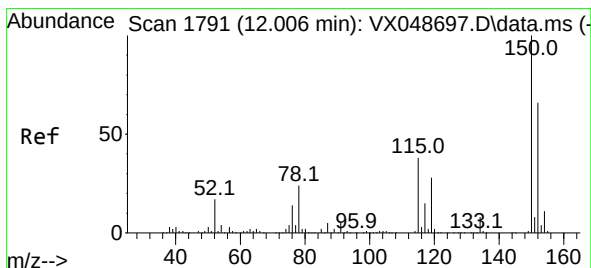
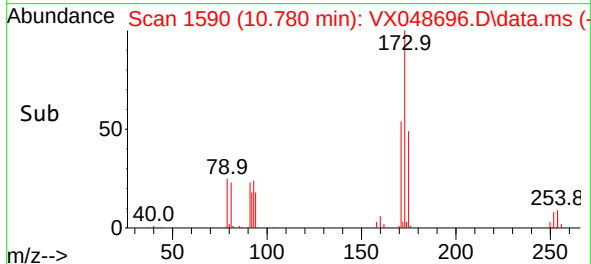
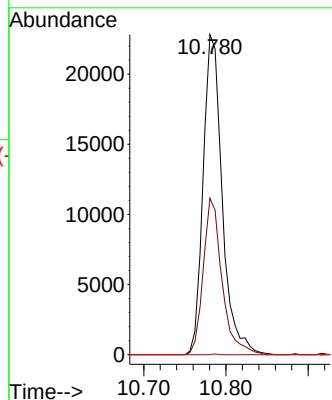
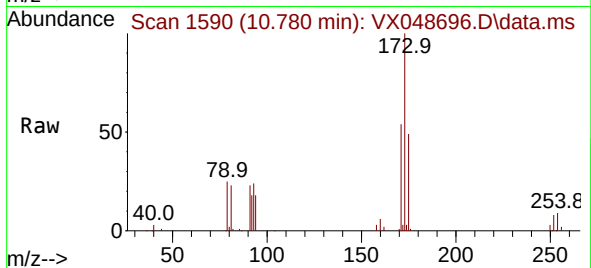
Tgt Ion:173 Resp: 36843

Ion Ratio Lower Upper

173 100

175 48.0 24.3 72.8

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

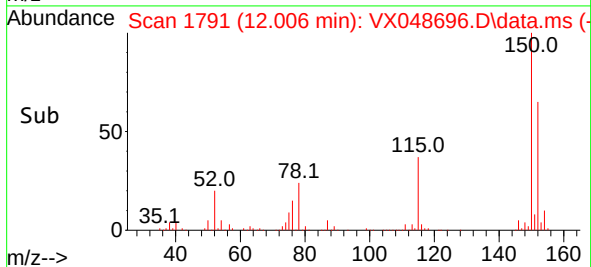
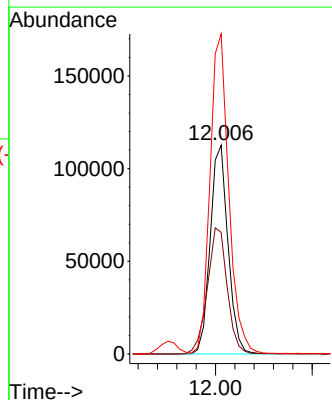
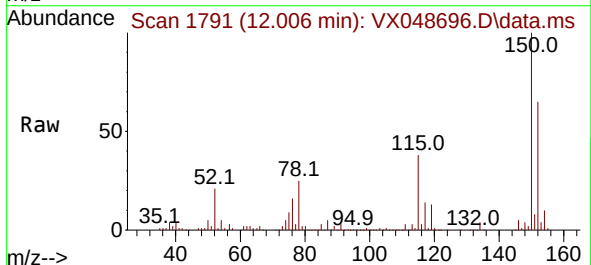
Tgt Ion:152 Resp: 144049

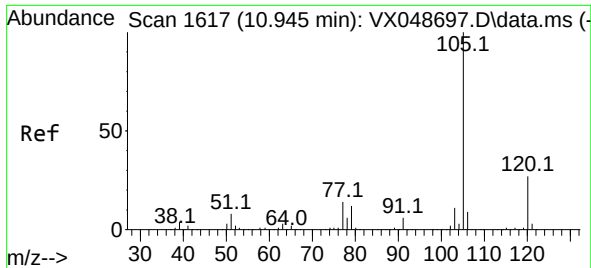
Ion Ratio Lower Upper

152 100

115 67.2 39.6 119.0

150 161.0 0.0 345.4

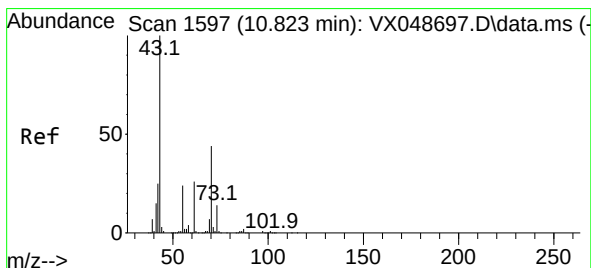
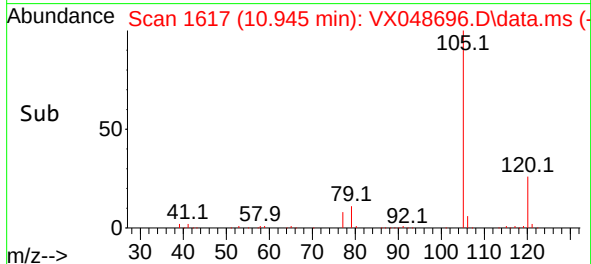
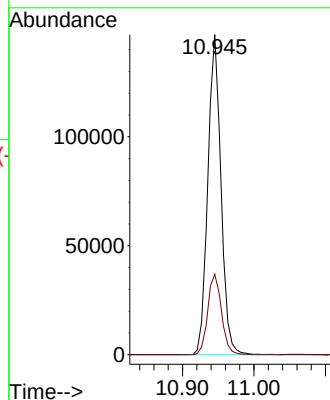
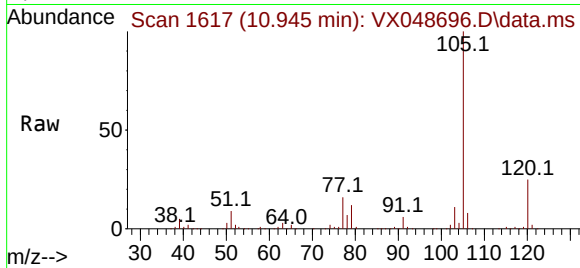




#73
Isopropylbenzene
Concen: 19.477 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

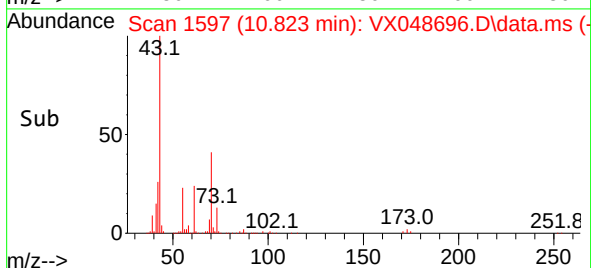
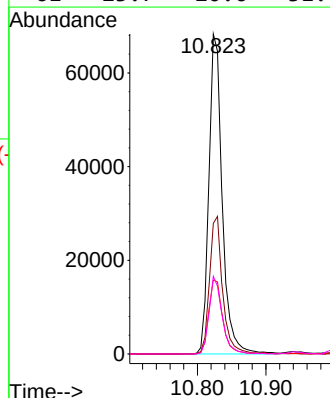
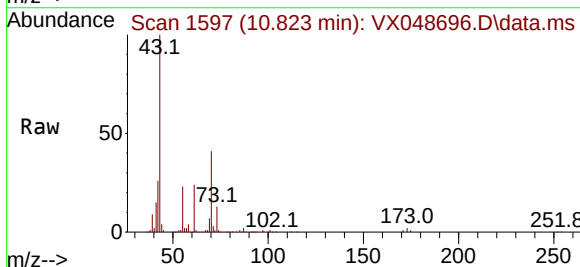
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

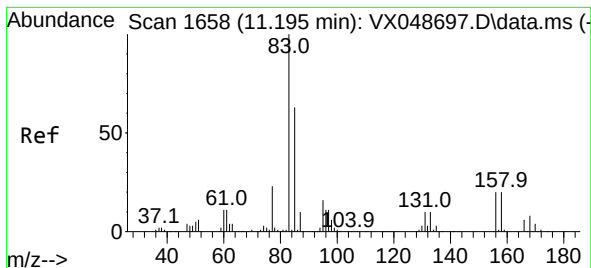
Tgt Ion:105 Resp: 187513
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4



#74
N-ethyl acetate
Concen: 21.344 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 43 Resp: 92771
Ion Ratio Lower Upper
43 100
70 42.1 37.0 55.6
55 24.3 20.0 30.0
61 23.7 20.6 31.0

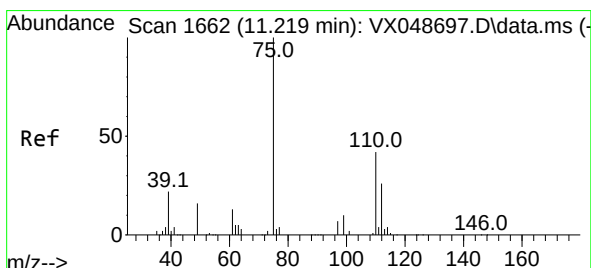
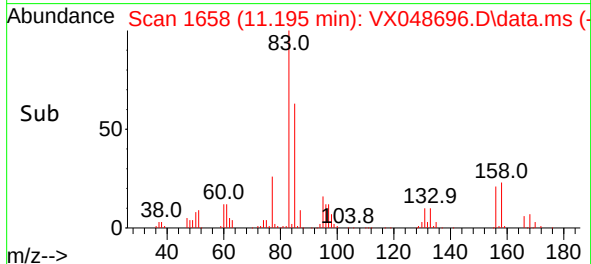
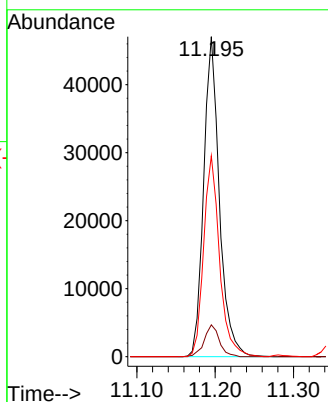
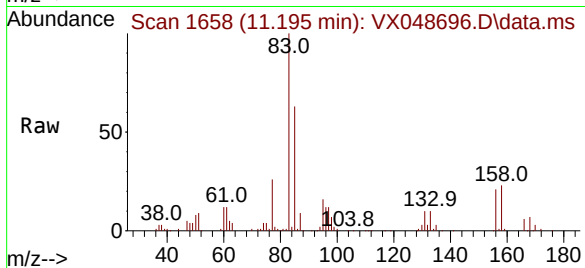




#75
1,1,2,2-Tetrachloroethane
Concen: 19.852 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

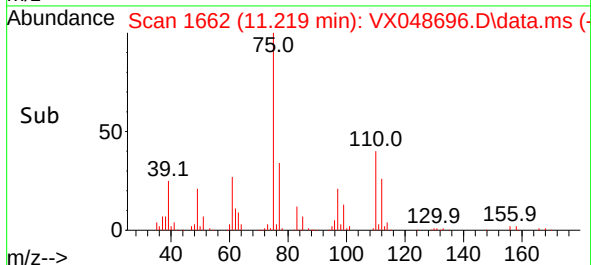
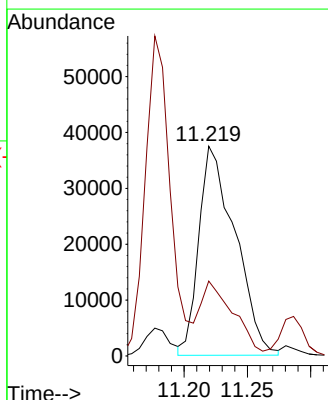
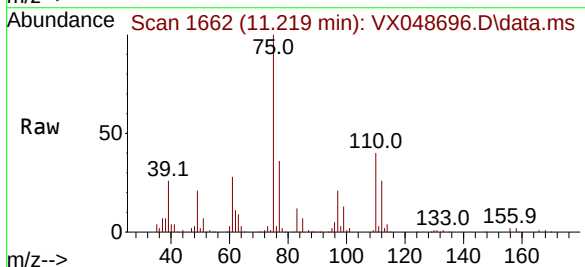
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

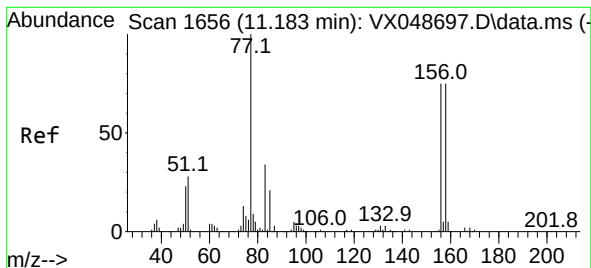
Tgt Ion: 83 Resp: 65438
Ion Ratio Lower Upper
83 100
131 9.6 5.3 16.1
85 63.4 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 21.094 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 75 Resp: 74764
Ion Ratio Lower Upper
75 100
77 32.0 19.0 57.0





#77

Bromobenzene

Concen: 18.578 ug/l

RT: 11.183 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

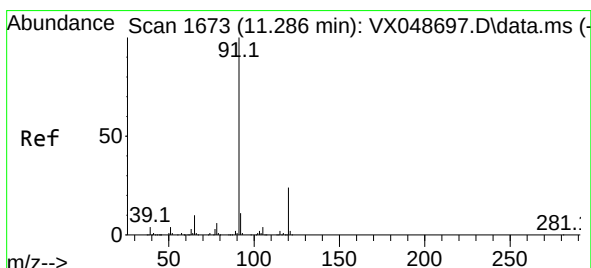
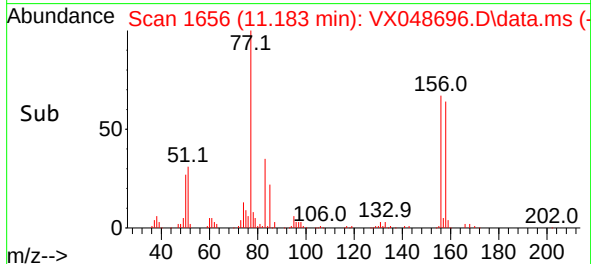
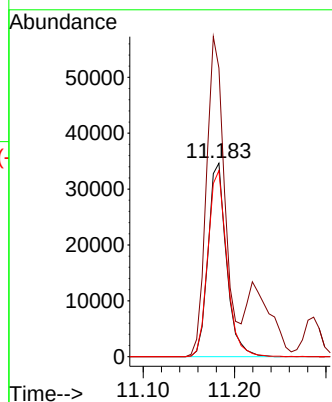
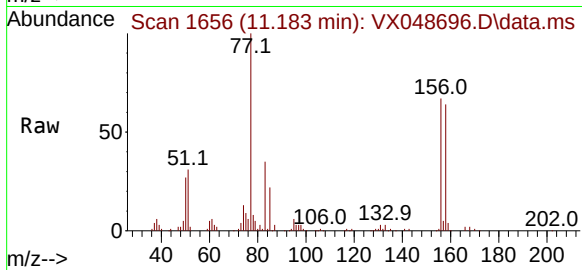
Tgt Ion:156 Resp: 48204

Ion Ratio Lower Upper

156 100

77 165.6 74.9 224.6

158 99.5 49.5 148.3



#78

n-propylbenzene

Concen: 19.623 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048696.D

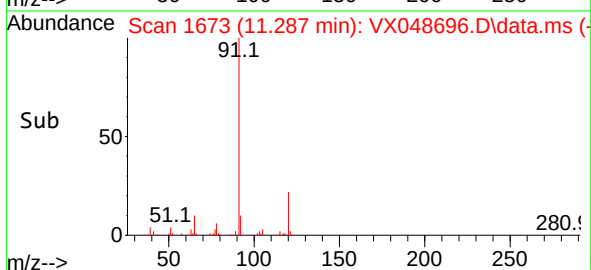
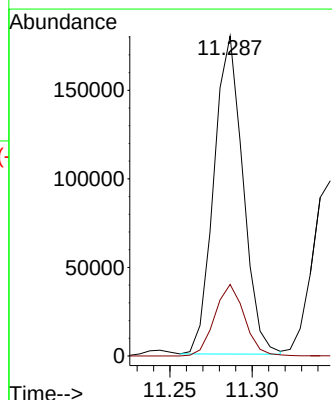
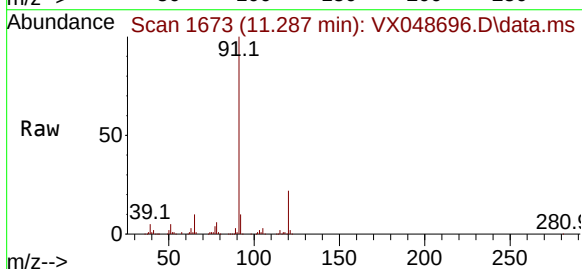
Acq: 03 Dec 2025 09:30

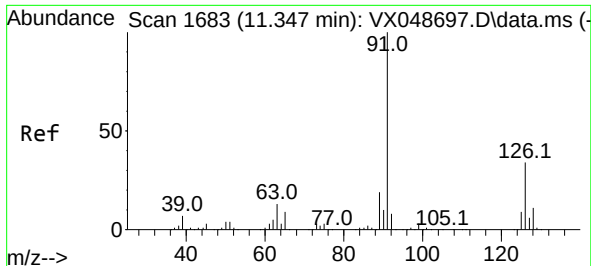
Tgt Ion: 91 Resp: 221221

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.7

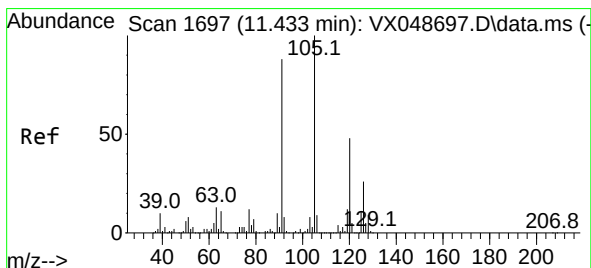
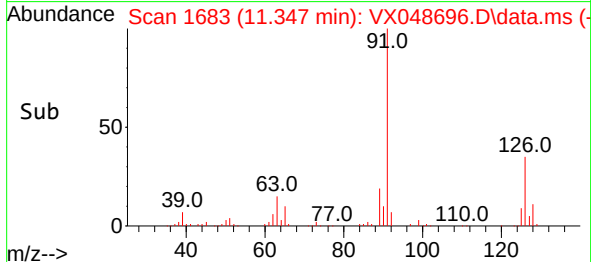
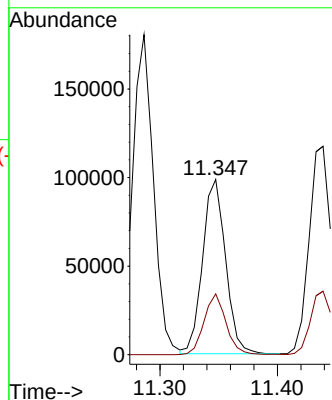
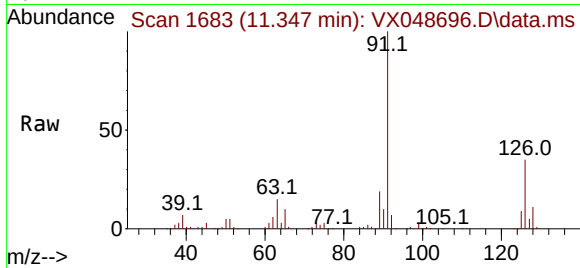




#79
2-Chlorotoluene
Concen: 19.515 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

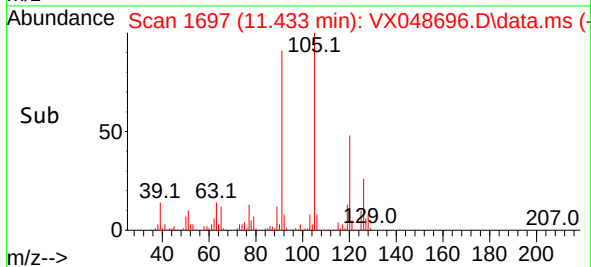
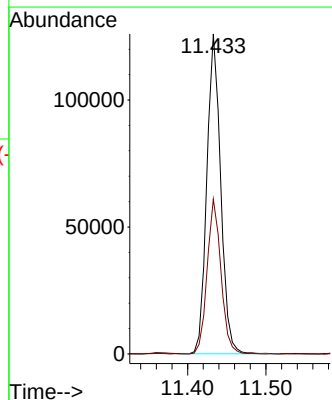
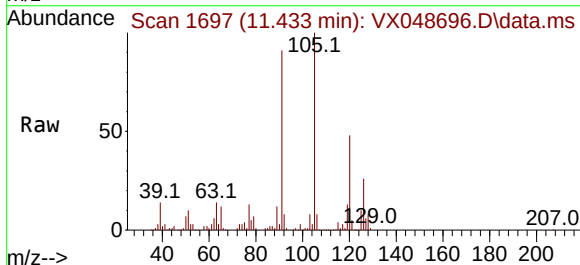
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

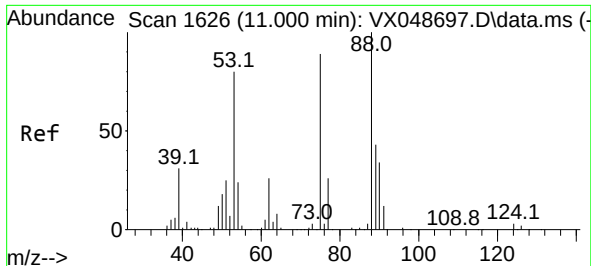
Tgt Ion: 91 Resp: 133708
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 19.569 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 105 Resp: 154101
Ion Ratio Lower Upper
105 100
120 48.4 24.4 73.2

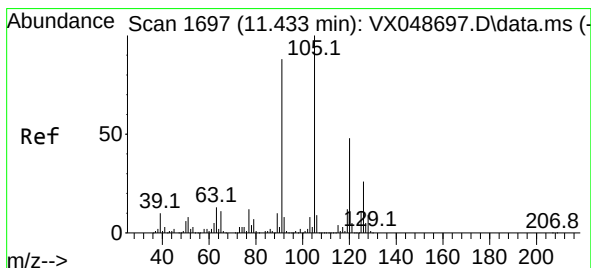
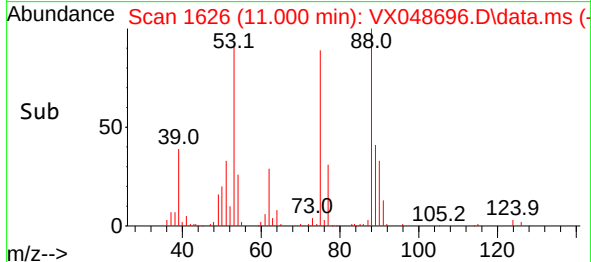
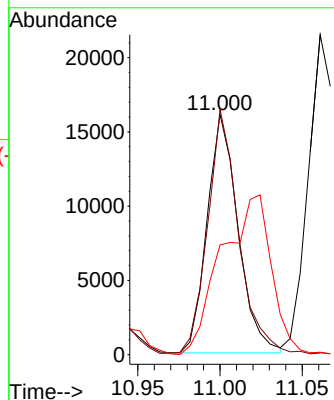
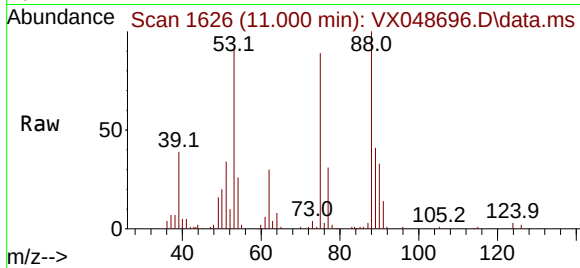




#81
trans-1,4-Dichloro-2-butene
Concen: 18.652 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

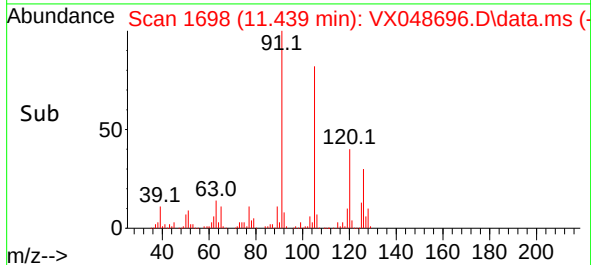
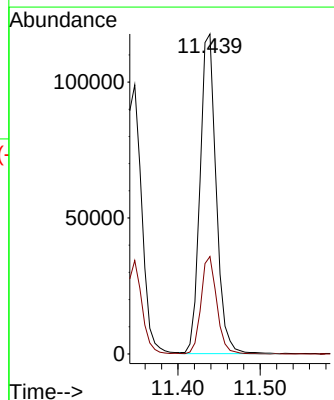
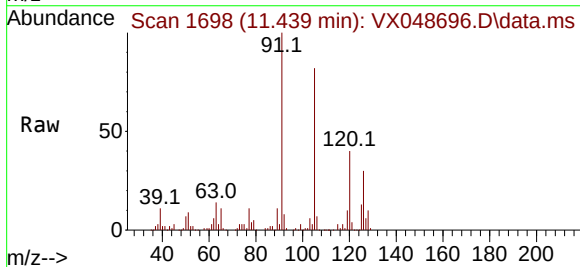
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

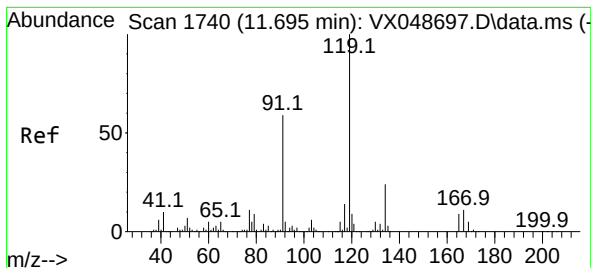
Tgt Ion: 75 Resp: 20991
Ion Ratio Lower Upper
75 100
53 104.3 74.8 112.2
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.102 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 91 Resp: 160197
Ion Ratio Lower Upper
91 100
126 29.8 15.4 46.1





#83

tert-Butylbenzene

Concen: 18.983 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

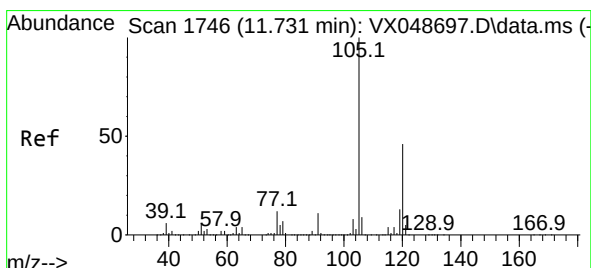
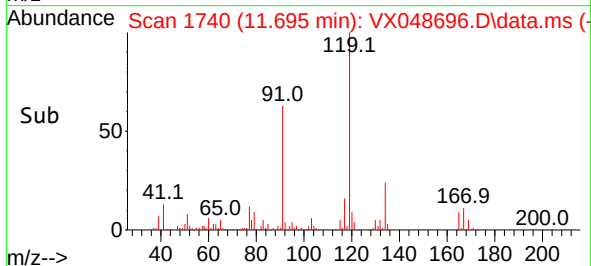
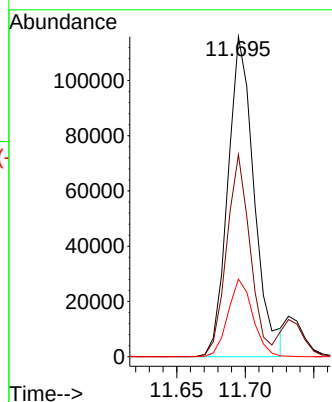
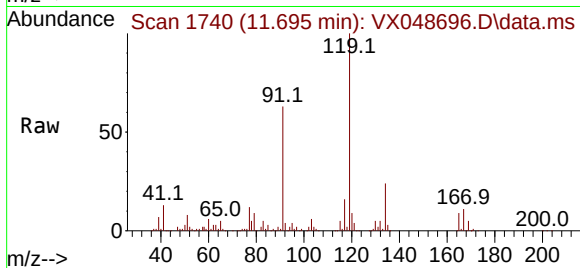
Tgt Ion:119 Resp: 155064

Ion Ratio Lower Upper

119 100

91 56.7 27.4 82.0

134 22.8 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 19.739 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048696.D

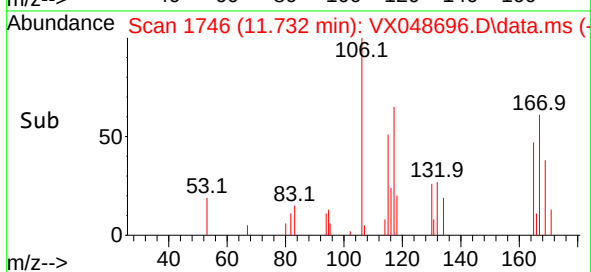
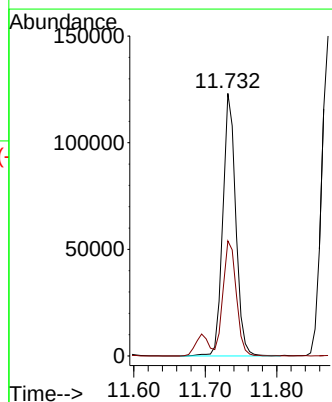
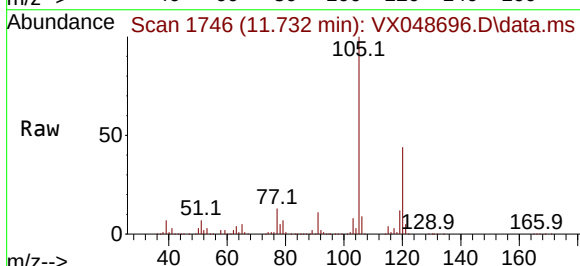
Acq: 03 Dec 2025 09:30

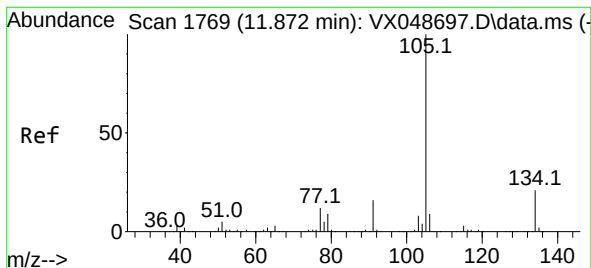
Tgt Ion:105 Resp: 154846

Ion Ratio Lower Upper

105 100

120 44.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 18.926 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

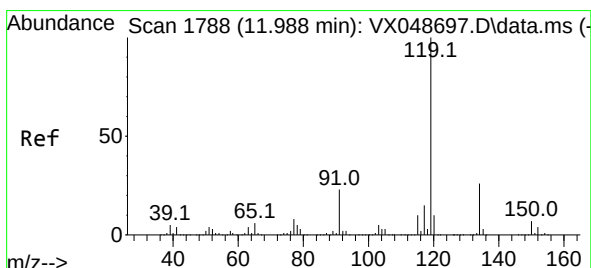
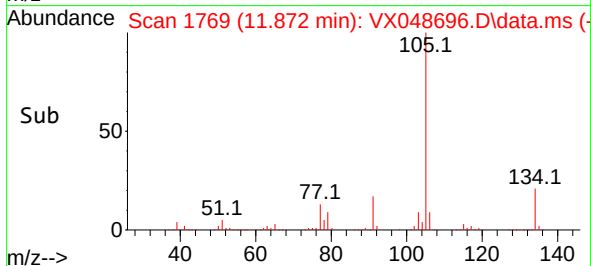
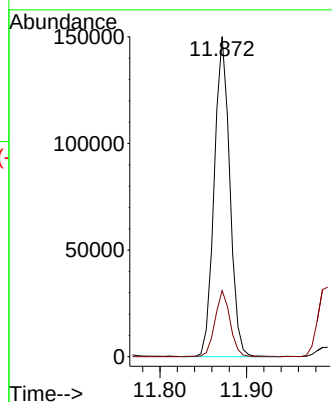
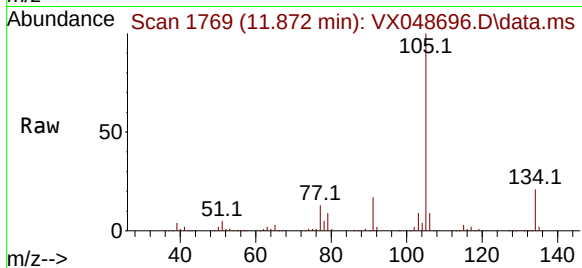
VSTDIC020

Tgt Ion:105 Resp: 187138

Ion Ratio Lower Upper

105 100

134 20.0 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.264 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

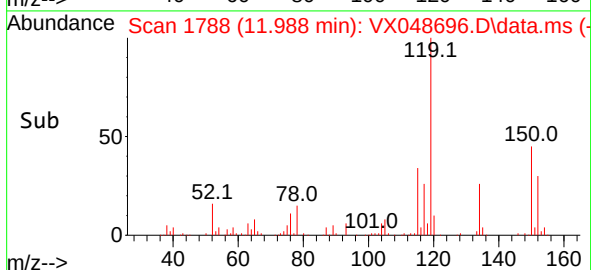
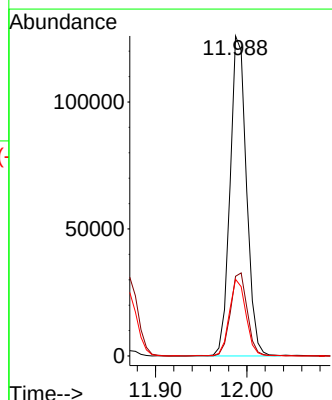
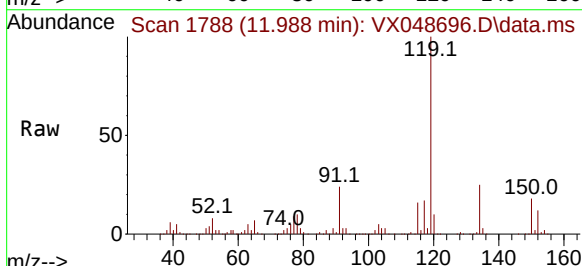
Tgt Ion:119 Resp: 157348

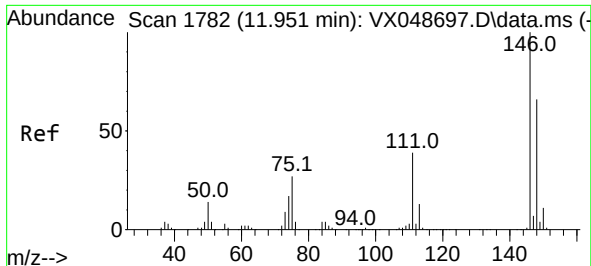
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 24.4 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.588 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

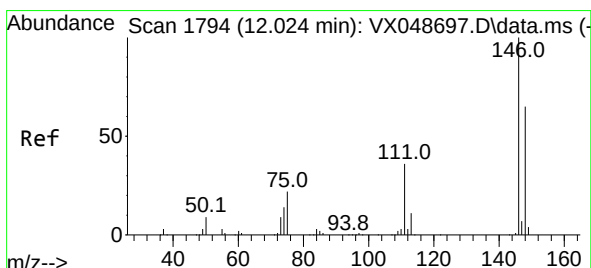
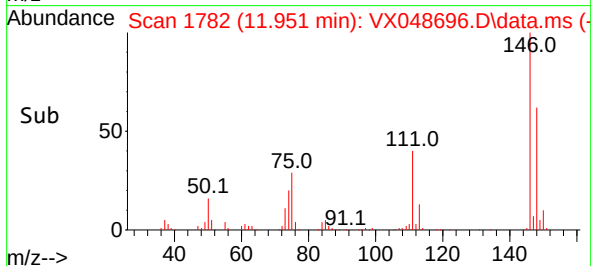
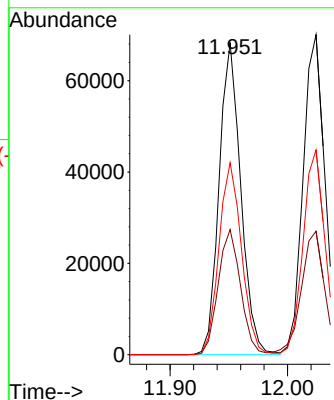
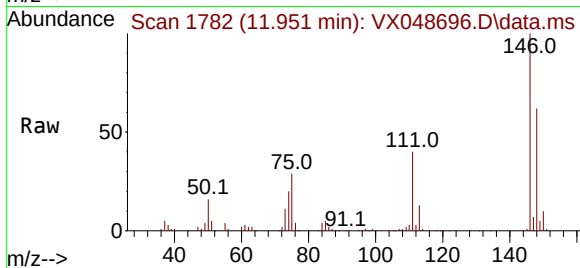
Tgt Ion:146 Resp: 87778

Ion Ratio Lower Upper

146 100

111 41.3 19.8 59.4

148 64.1 32.4 97.0



#88

1,4-Dichlorobenzene

Concen: 18.883 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

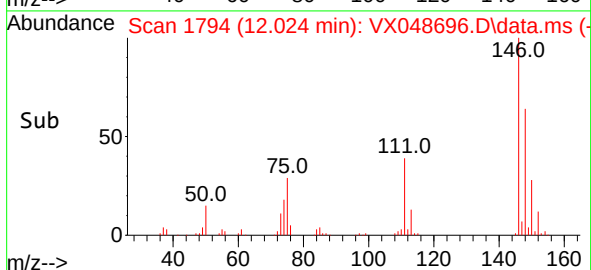
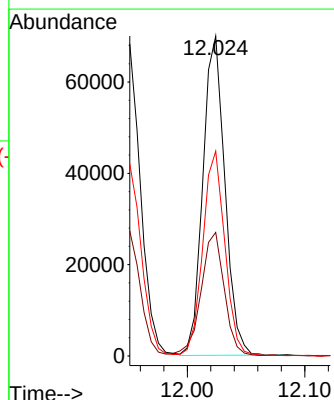
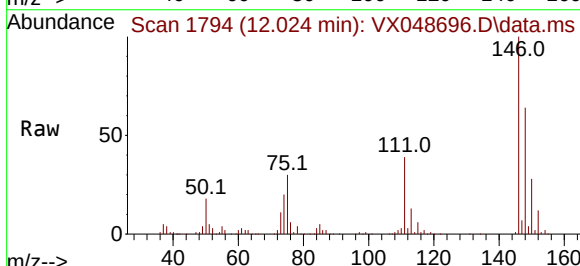
Tgt Ion:146 Resp: 91017

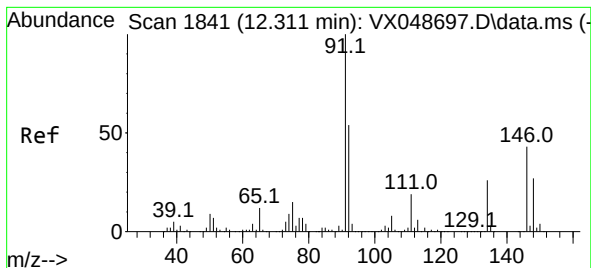
Ion Ratio Lower Upper

146 100

111 40.8 19.5 58.5

148 65.0 32.6 98.0





#89

n-Butylbenzene

Concen: 18.829 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

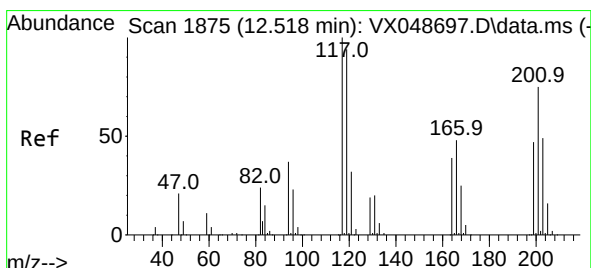
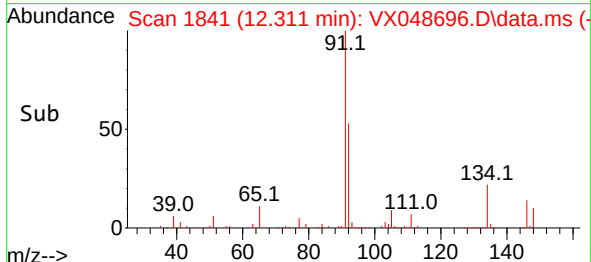
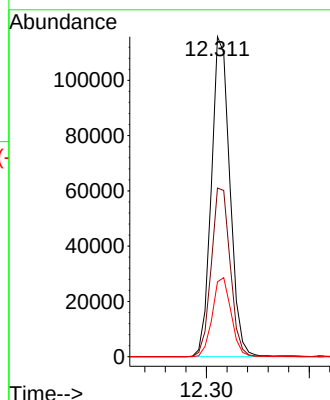
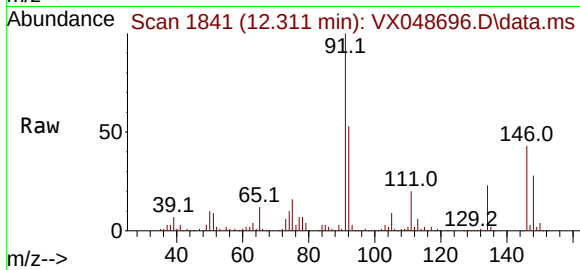
Tgt Ion: 91 Resp: 144861

Ion Ratio Lower Upper

91 100

92 53.8 27.0 81.0

134 25.0 13.2 39.6



#90

Hexachloroethane

Concen: 18.301 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048696.D

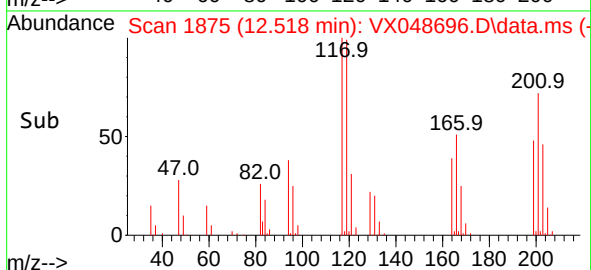
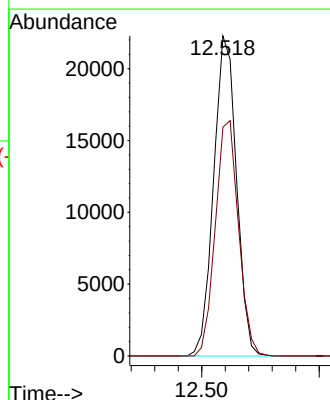
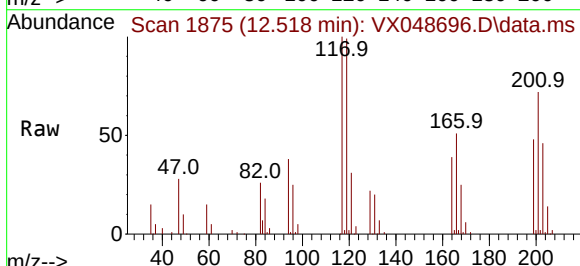
Acq: 03 Dec 2025 09:30

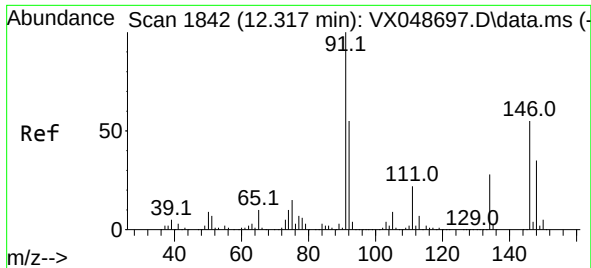
Tgt Ion: 117 Resp: 30092

Ion Ratio Lower Upper

117 100

201 74.7 39.3 117.9

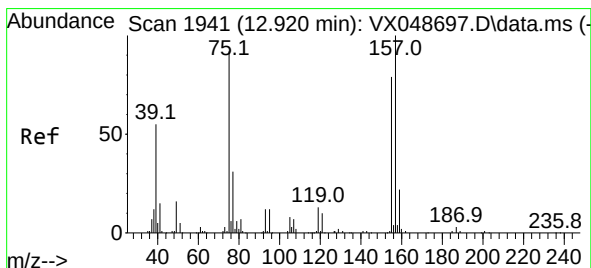
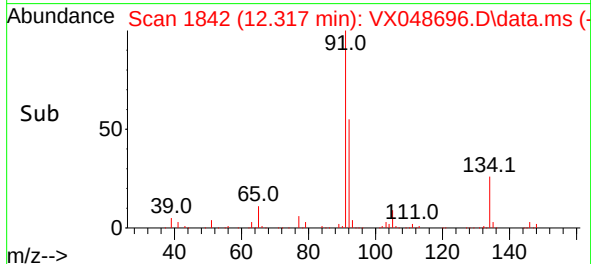
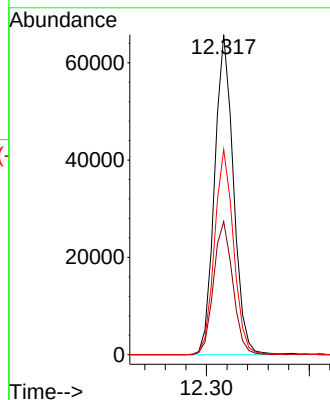
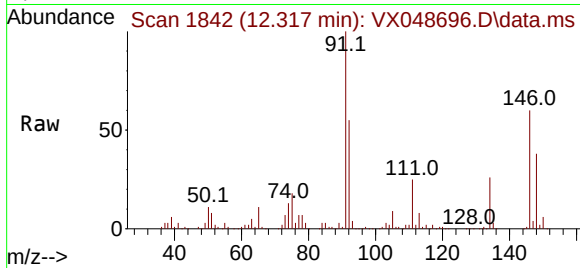




#91
1,2-Dichlorobenzene
Concen: 19.021 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

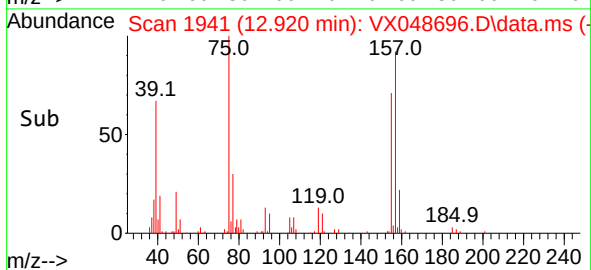
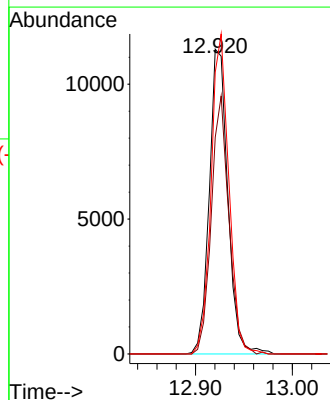
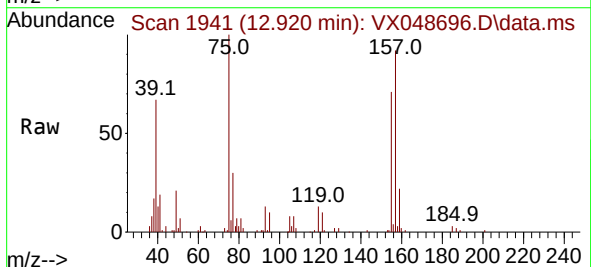
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

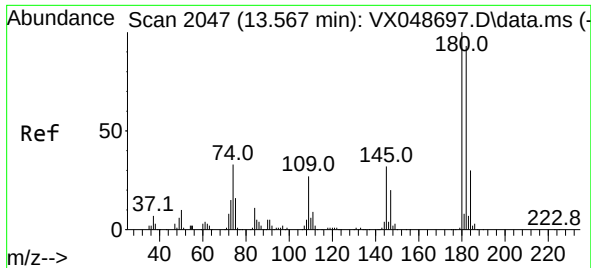
Tgt Ion:146 Resp: 83641
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.8
148 64.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.138 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion: 75 Resp: 15087
Ion Ratio Lower Upper
75 100
155 80.5 46.7 140.1
157 100.3 58.7 176.1

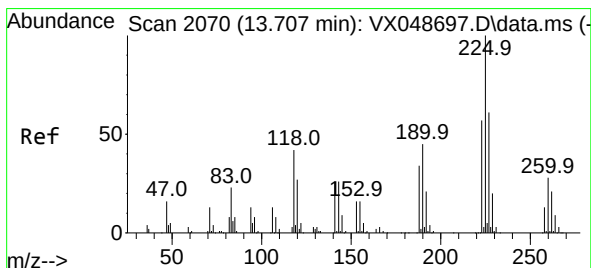
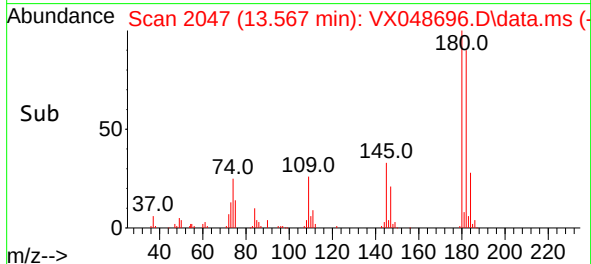
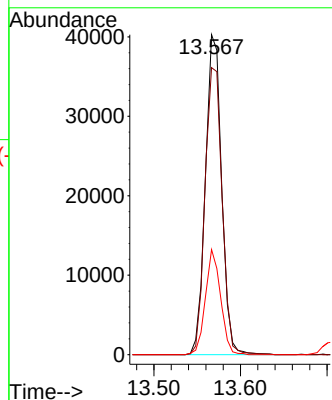
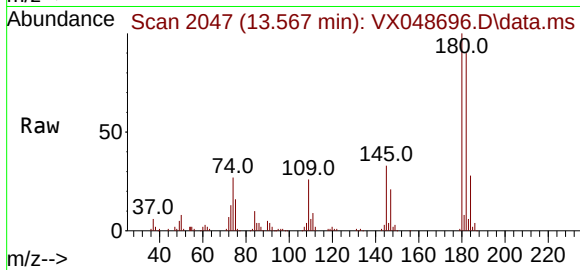




#93
1,2,4-Trichlorobenzene
Concen: 18.763 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

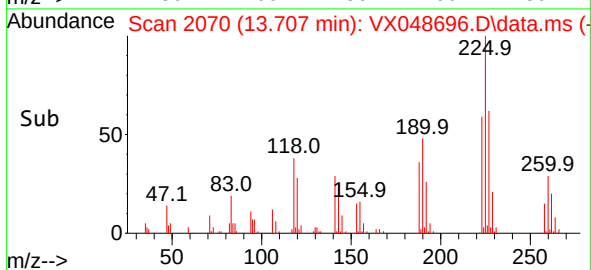
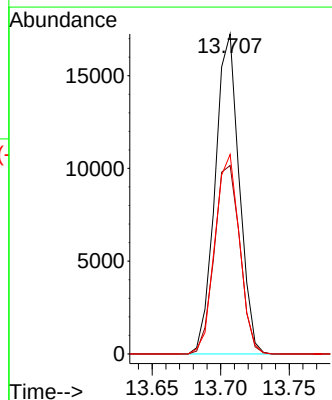
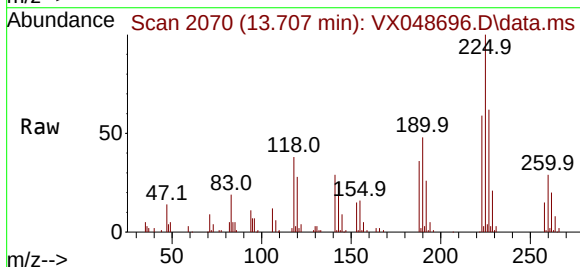
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

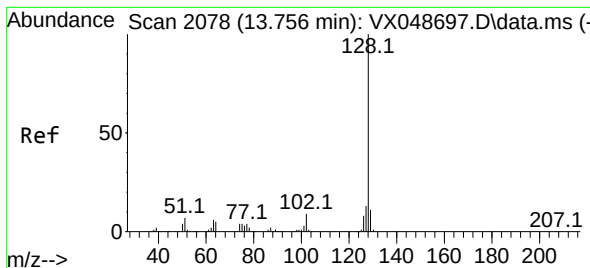
Tgt Ion:180 Resp: 52527
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.3
145 30.7 15.5 46.5



#94
Hexachlorobutadiene
Concen: 18.040 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048696.D
Acq: 03 Dec 2025 09:30

Tgt Ion:225 Resp: 21028
Ion Ratio Lower Upper
225 100
223 62.6 31.6 95.0
227 63.6 31.6 94.7





#95

Naphthalene

Concen: 19.221 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

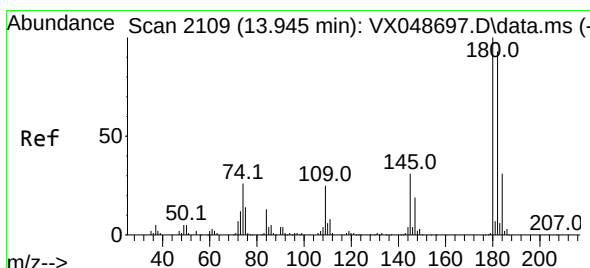
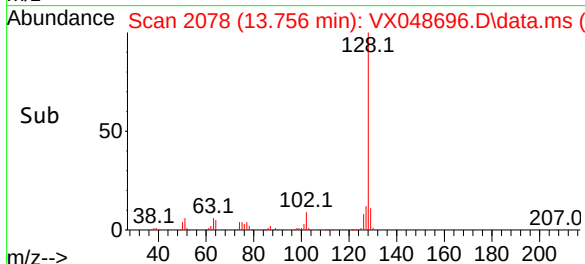
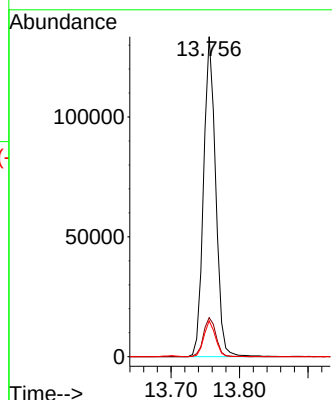
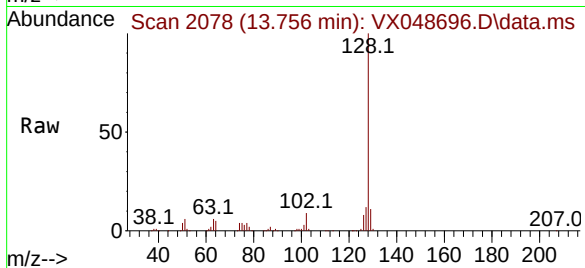
Tgt Ion:128 Resp: 164242

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.138 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.006 min

Lab File: VX048696.D

Acq: 03 Dec 2025 09:30

Tgt Ion:180 Resp: 49457

Ion Ratio Lower Upper

180 100

182 94.0 47.8 143.4

145 32.3 16.8 50.4

