

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047400.D
 Acq On : 19 Aug 2025 09:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 19 10:00:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	203851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	167955	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	164085	57.514	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.020%	
35) Dibromofluoromethane	5.391	113	125647	53.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.060%	
50) Toluene-d8	8.647	98	428388	50.584	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	11.079	95	166205	53.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.360%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	118983	45.787	ug/l	100
3) Chloromethane	1.313	50	115723	49.503	ug/l	98
4) Vinyl Chloride	1.392	62	134206	45.739	ug/l	93
5) Bromomethane	1.624	94	54388	45.891	ug/l	97
6) Chloroethane	1.703	64	83086	46.281	ug/l	98
7) Trichlorofluoromethane	1.904	101	195173	44.970	ug/l	98
8) Diethyl Ether	2.148	74	84247	55.128	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	118600	47.108	ug/l	99
10) Methyl Iodide	2.471	142	182007	42.186	ug/l	99
11) Tert butyl alcohol	2.959	59	73438	295.893	ug/l	99
12) 1,1-Dichloroethene	2.337	96	121485	47.332	ug/l	97
13) Acrolein	2.246	56	147637	281.792	ug/l	100
14) Allyl chloride	2.678	41	225494	50.583	ug/l	99
15) Acrylonitrile	3.081	53	342772	285.809	ug/l	100
16) Acetone	2.392	43	286462	267.129	ug/l	99
17) Carbon Disulfide	2.526	76	347652	44.886	ug/l	100
18) Methyl Acetate	2.715	43	158065	56.879	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	434808	55.686	ug/l	98
20) Methylene Chloride	2.800	84	149480	52.640	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	133669	49.068	ug/l	96
22) Diisopropyl ether	3.770	45	486194	55.175	ug/l	95
23) Vinyl Acetate	3.727	43	2049454	283.754	ug/l	100
24) 1,1-Dichloroethane	3.623	63	255069	51.211	ug/l	97
25) 2-Butanone	4.562	43	398410	283.674	ug/l	98
26) 2,2-Dichloropropane	4.483	77	185064	49.229	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	164241	51.764	ug/l	97
28) Bromochloromethane	4.904	49	126113	60.847	ug/l	100
29) Tetrahydrofuran	5.019	42	254725	280.608	ug/l	99
30) Chloroform	5.099	83	265903	52.310	ug/l	98
31) Cyclohexane	5.477	56	202692	44.146	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	212180	48.495	ug/l	99
36) 1,1-Dichloropropene	5.702	75	168226	44.977	ug/l	99
37) Ethyl Acetate	4.721	43	196036	50.486	ug/l	98
38) Carbon Tetrachloride	5.684	117	183778	44.963	ug/l	99
39) Methylcyclohexane	7.385	83	197227	42.274	ug/l	95
40) Benzene	6.044	78	545222	48.701	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	83588	51.049	ug/l	94
42) 1,2-Dichloroethane	6.092	62	204929	51.678	ug/l	99
43) Isopropyl Acetate	6.342	43	298419	53.497	ug/l	100
44) Trichloroethene	7.129	130	131351	45.821	ug/l	93
45) 1,2-Dichloropropane	7.434	63	142494	50.806	ug/l	99
46) Dibromomethane	7.580	93	103627	50.893	ug/l	99
47) Bromodichloromethane	7.824	83	215133	50.965	ug/l	99
48) Methyl methacrylate	7.690	41	154171	53.246	ug/l	99
49) 1,4-Dioxane	7.684	88	32666	1160.527	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	875170	272.635	ug/l	99
52) Toluene	8.720	92	333637	48.228	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	201870	54.796	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	220487	52.876	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	137274	52.264	ug/l	96
56) Ethyl methacrylate	9.116	69	211825	54.700	ug/l	99
57) 1,3-Dichloropropane	9.305	76	233945	52.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	493500	266.315	ug/l	99
59) 2-Hexanone	9.427	43	601025	270.676	ug/l	100
60) Dibromochloromethane	9.519	129	162215	51.968	ug/l	99
61) 1,2-Dibromoethane	9.610	107	141178	52.124	ug/l	100
64) Tetrachloroethene	9.275	164	106511	44.081	ug/l	98
65) Chlorobenzene	10.080	112	376884	47.476	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	132983	49.556	ug/l	99
67) Ethyl Benzene	10.195	91	642247	47.006	ug/l	100
68) m/p-Xylenes	10.299	106	484787	95.157	ug/l	100
69) o-Xylene	10.640	106	233222	47.570	ug/l	99
70) Styrene	10.653	104	417727	50.426	ug/l	100
71) Bromoform	10.799	173	105509	52.336	ug/l #	99
73) Isopropylbenzene	10.957	105	594503	45.232	ug/l	99
74) N-amyl acetate	10.842	43	263829	52.861	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	194960	50.522	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	179899	58.400	ug/l	91
77) Bromobenzene	11.195	156	157141	48.962	ug/l	98
78) n-propylbenzene	11.299	91	717602	45.715	ug/l	100
79) 2-Chlorotoluene	11.360	91	438581	46.220	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	505924	46.784	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30598	44.250	ug/l	100
82) 4-Chlorotoluene	11.451	91	521477	46.620	ug/l	100
83) tert-Butylbenzene	11.713	119	507953	47.081	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	513998	47.529	ug/l	99
85) sec-Butylbenzene	11.890	105	609145	45.552	ug/l	100
86) p-Isopropyltoluene	12.006	119	514402	45.458	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	285904	46.630	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	291680	46.253	ug/l	100
89) n-Butylbenzene	12.329	91	480705	45.672	ug/l	100
90) Hexachloroethane	12.536	117	91716	46.201	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	278982	47.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37258	49.925	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	187378	48.028	ug/l	99
94) Hexachlorobutadiene	13.725	225	63372	45.633	ug/l	100
95) Naphthalene	13.774	128	571033	51.217	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	181090	49.242	ug/l	100

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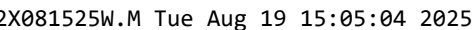
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

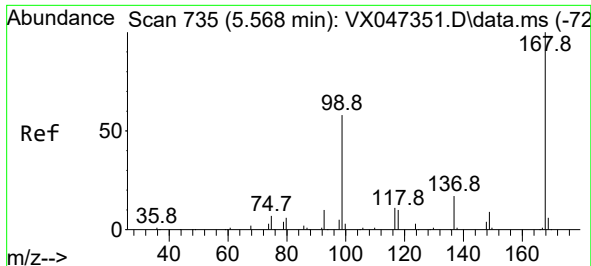
Quant Time: Aug 19 10:00:17 2025
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QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

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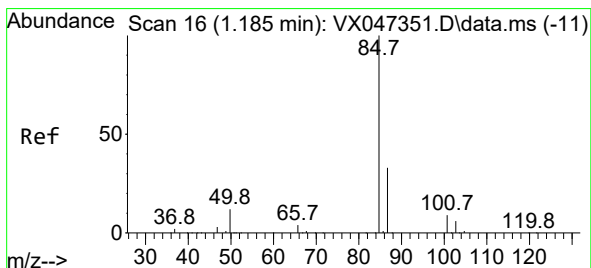
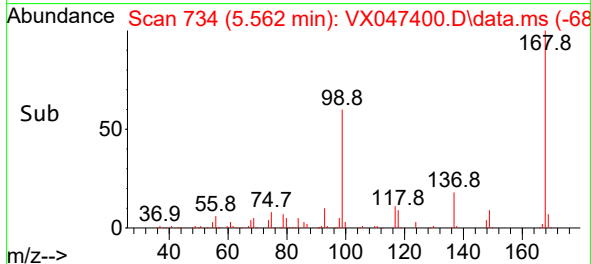
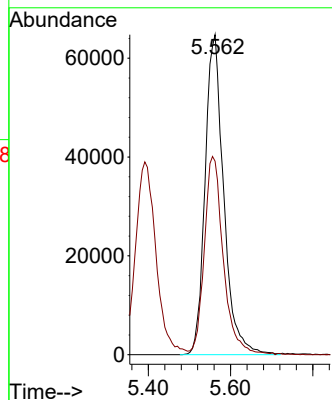
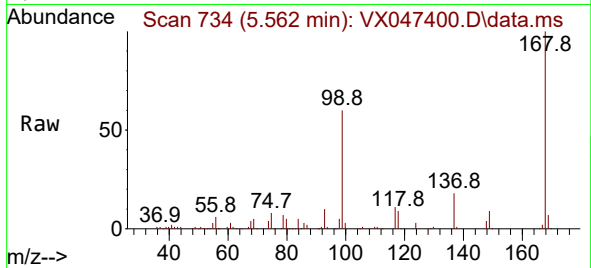




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047400.D
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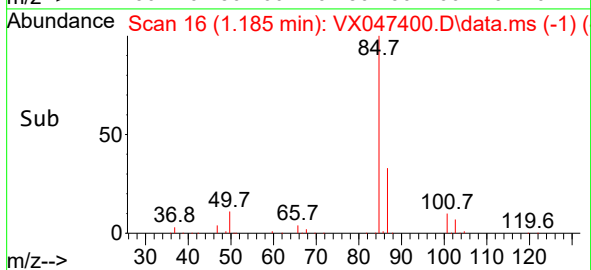
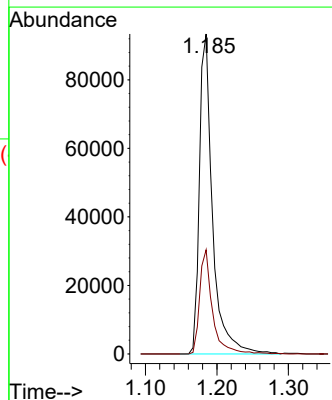
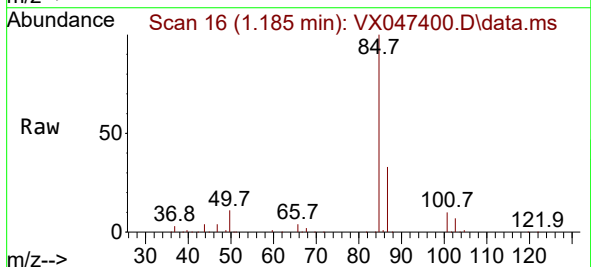
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

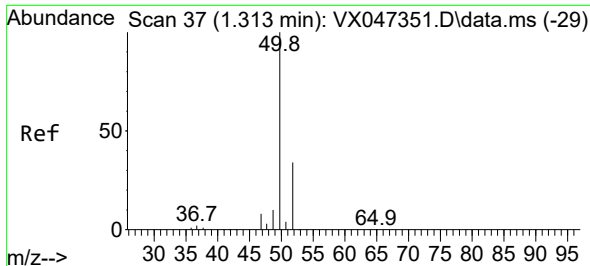
Tgt Ion:168 Resp: 203851
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 45.787 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 85 Resp: 118983
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1

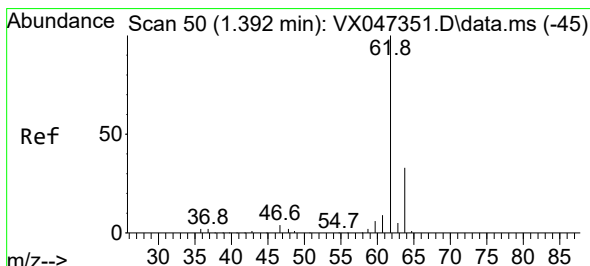
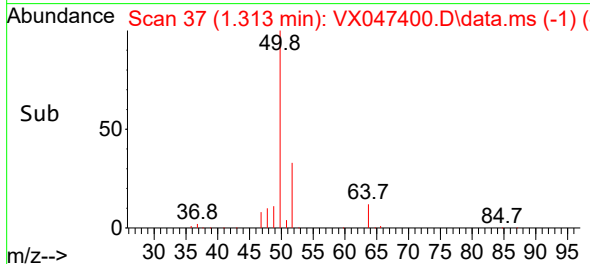
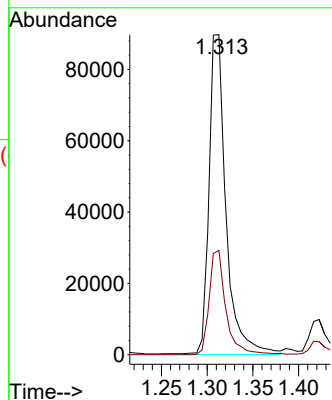
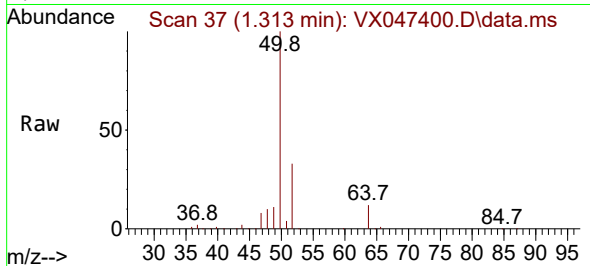




#3
Chloromethane
Concen: 49.503 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

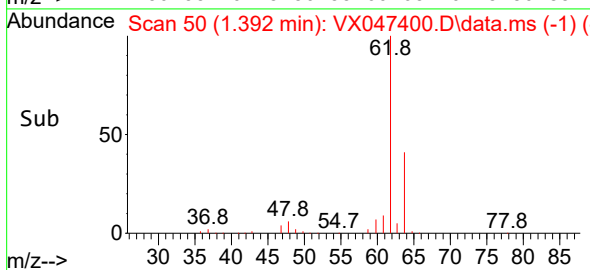
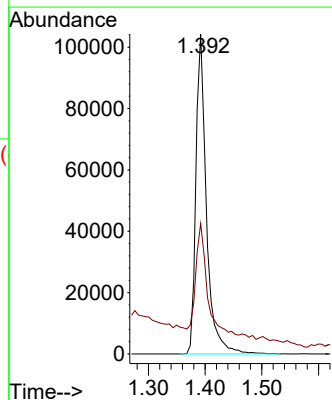
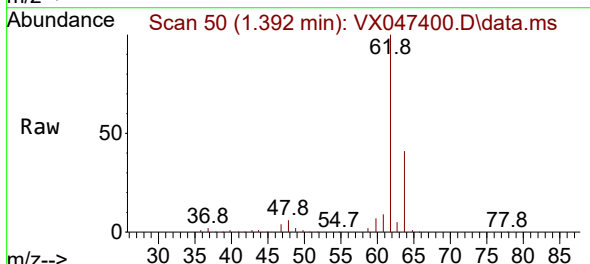
Instrument :
MSVOA_X
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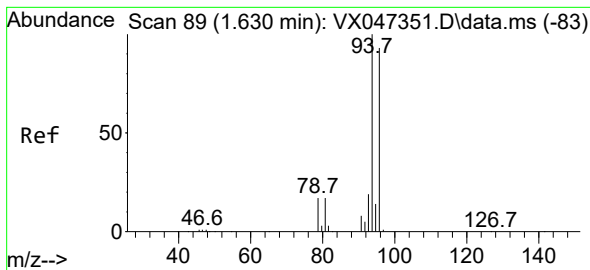
Tgt Ion: 50 Resp: 115723
Ion Ratio Lower Upper
50 100
52 32.7 27.0 40.4



#4
Vinyl Chloride
Concen: 45.739 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 62 Resp: 134206
Ion Ratio Lower Upper
62 100
64 36.9 26.5 39.7





#5

Bromomethane

Concen: 45.891 ug/l

RT: 1.624 min Scan# 89

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

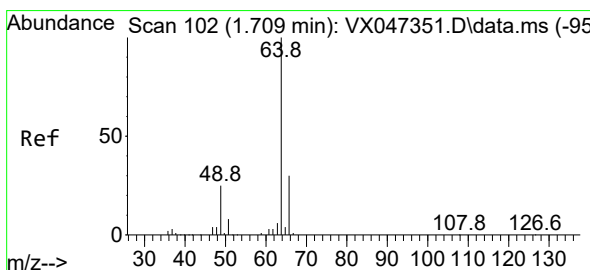
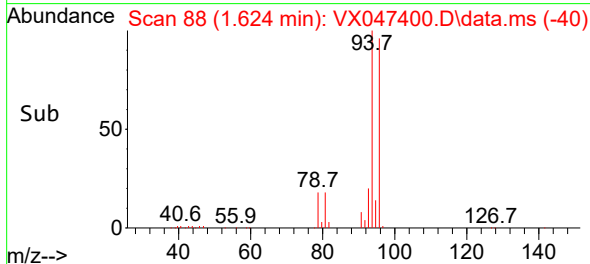
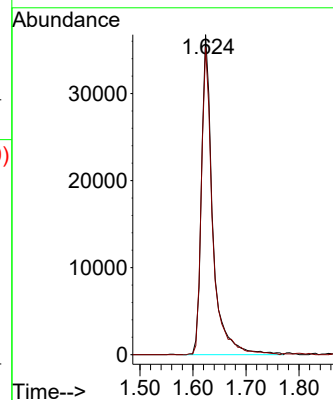
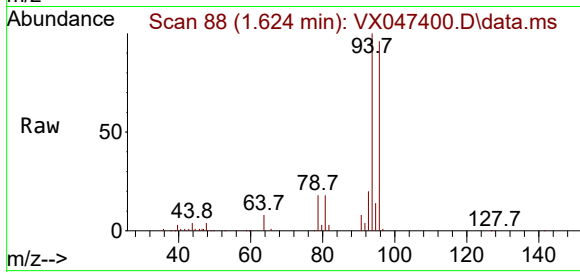
VSTDCCC050

Tgt Ion: 94 Resp: 54388

Ion Ratio Lower Upper

94 100

96 95.9 74.7 112.1



#6

Chloroethane

Concen: 46.281 ug/l

RT: 1.703 min Scan# 101

Delta R.T. -0.006 min

Lab File: VX047400.D

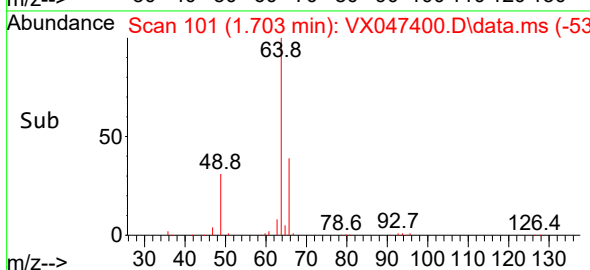
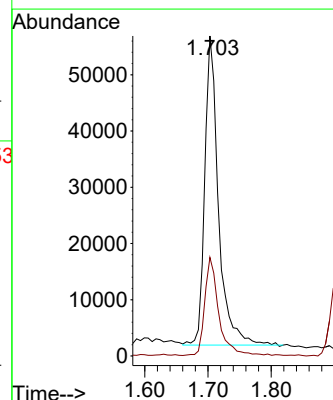
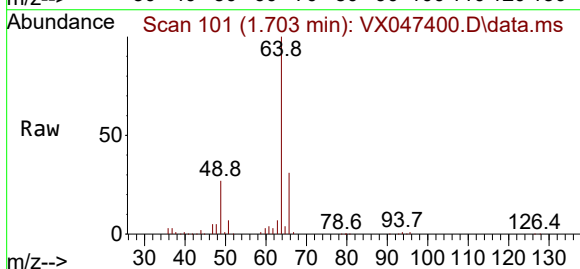
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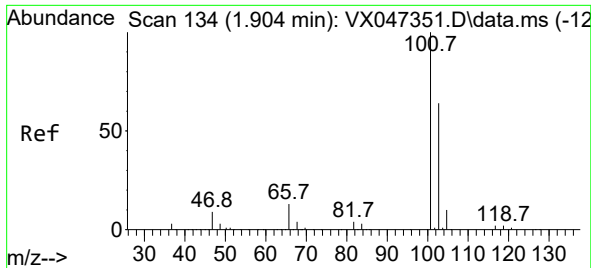
Tgt Ion: 64 Resp: 83086

Ion Ratio Lower Upper

64 100

66 31.7 24.4 36.6

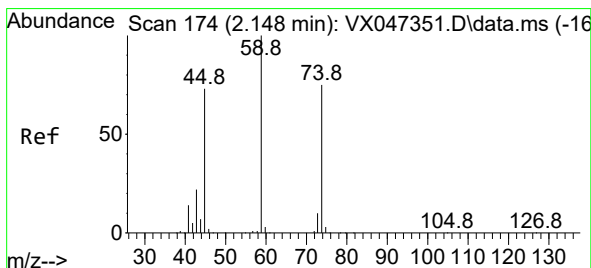
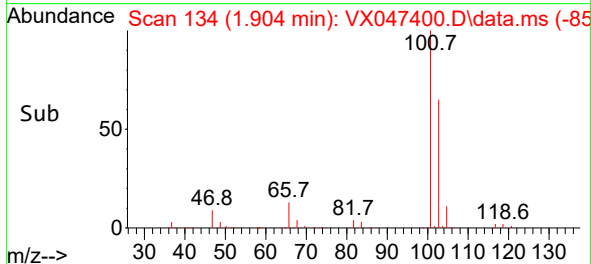
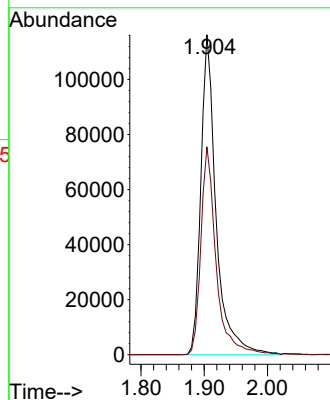
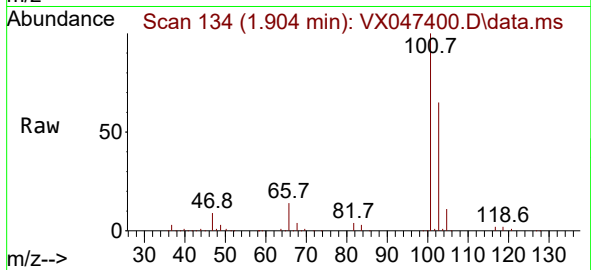




#7
Trichlorofluoromethane
Concen: 44.970 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

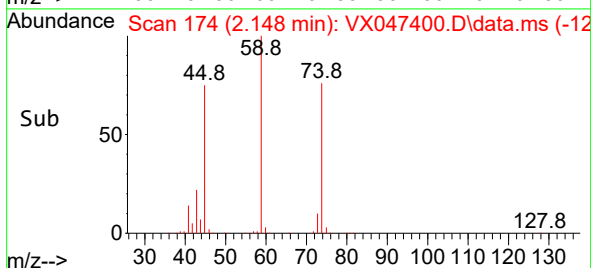
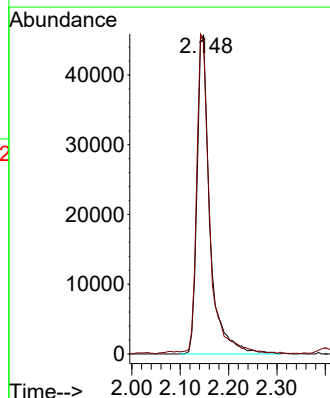
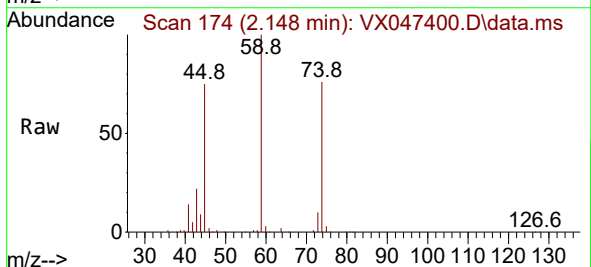
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

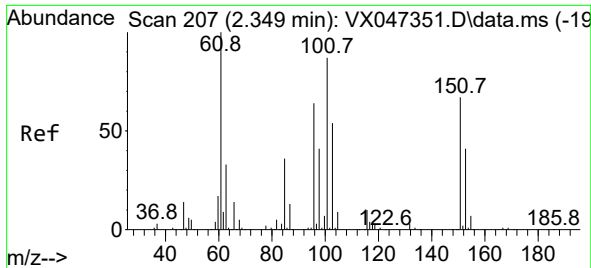
Tgt Ion:101 Resp: 195173
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3



#8
Diethyl Ether
Concen: 55.128 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 74 Resp: 84247
Ion Ratio Lower Upper
74 100
45 99.3 51.3 154.0

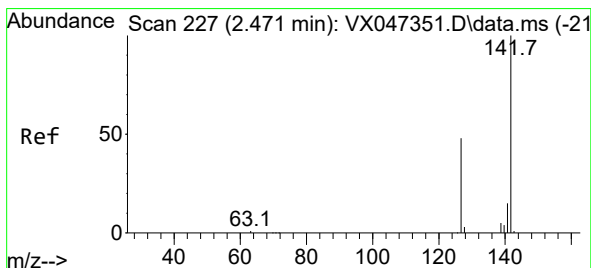
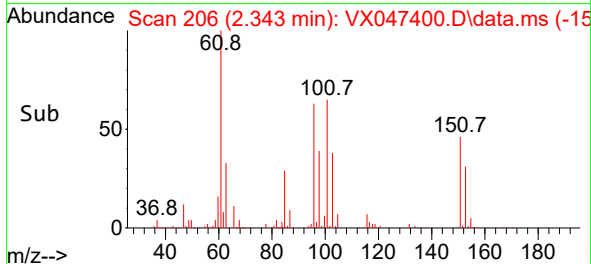
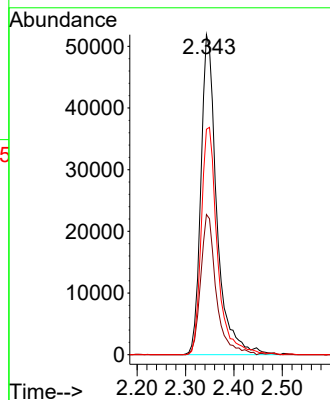
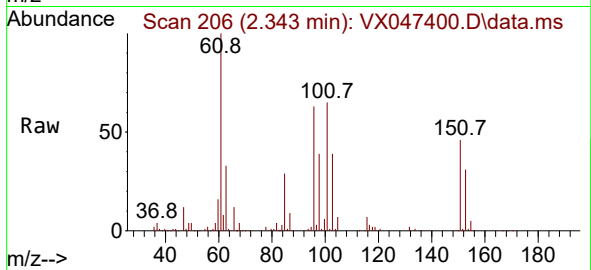




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.108 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

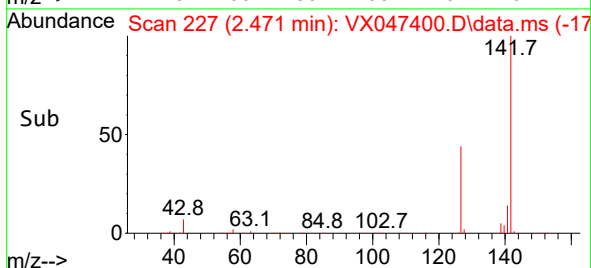
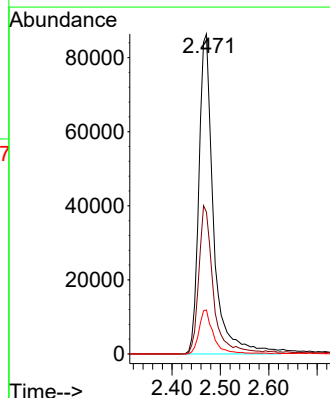
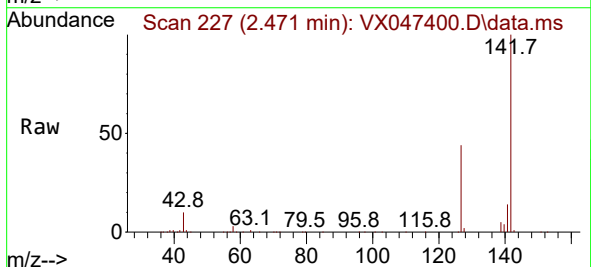
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

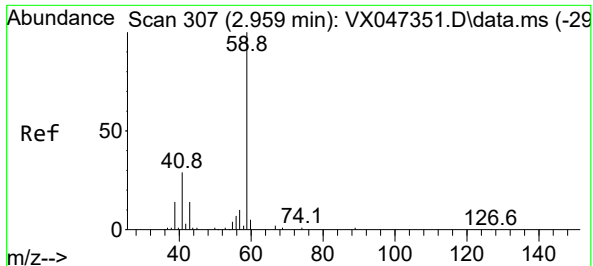
Tgt Ion:101 Resp: 118600
Ion Ratio Lower Upper
101 100
85 42.9 34.3 51.5
151 72.7 59.2 88.8



#10
Methyl Iodide
Concen: 42.186 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion:142 Resp: 182007
Ion Ratio Lower Upper
142 100
127 45.8 36.1 54.1
141 13.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 295.893 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

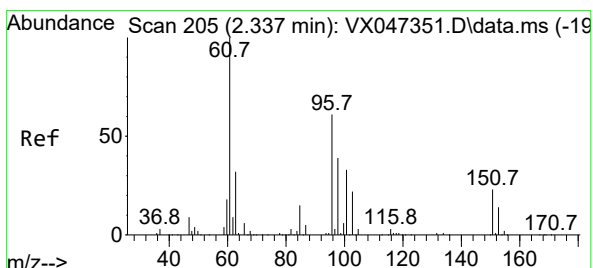
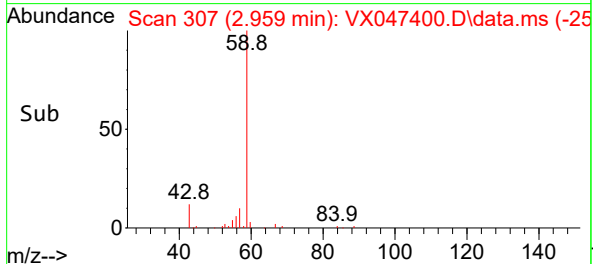
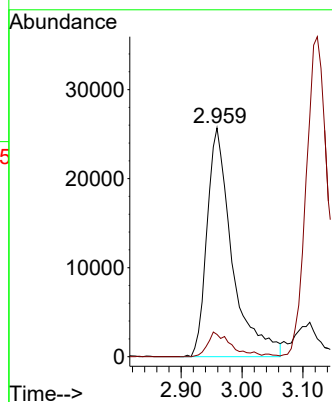
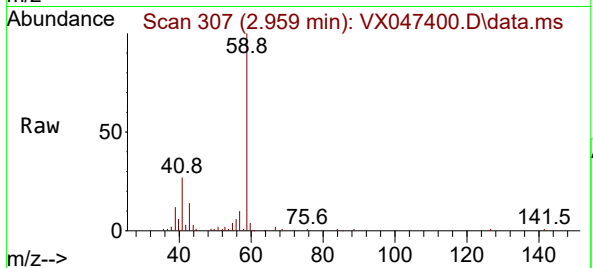
VSTDCCC050

Tgt Ion: 59 Resp: 73438

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 47.332 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

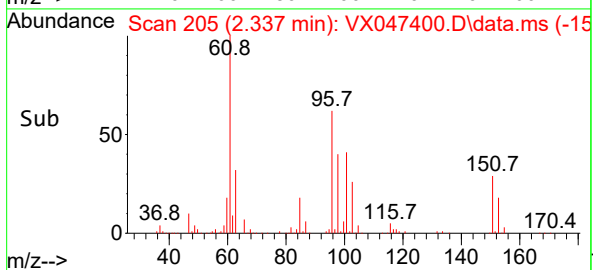
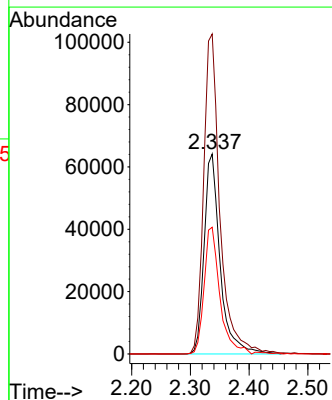
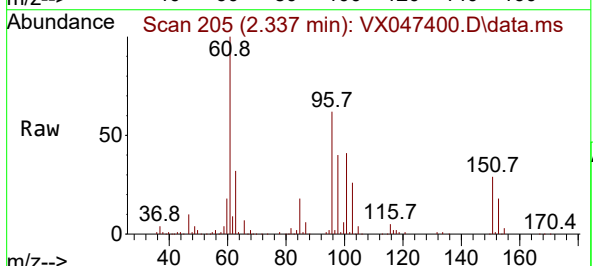
Tgt Ion: 96 Resp: 121485

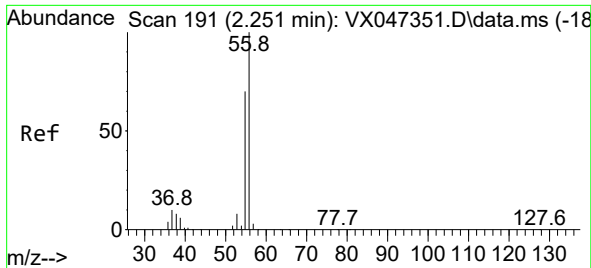
Ion Ratio Lower Upper

96 100

61 160.1 132.2 198.2

98 63.4 51.2 76.8

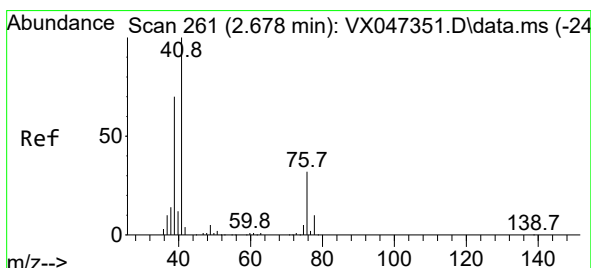
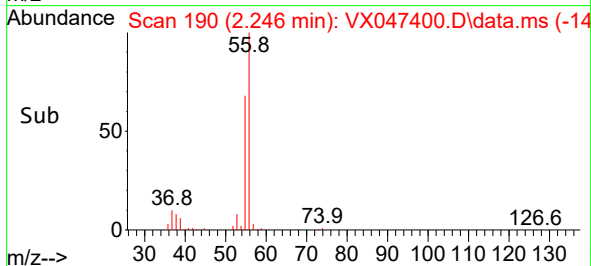
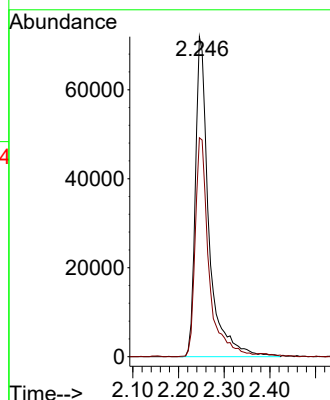
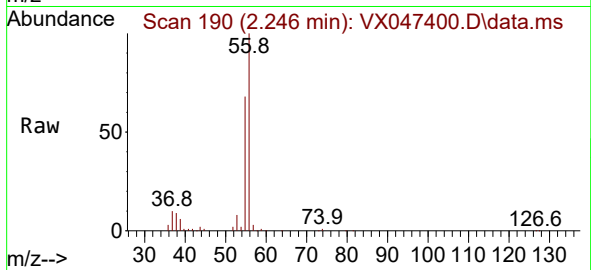




#13
Acrolein
Concen: 281.792 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

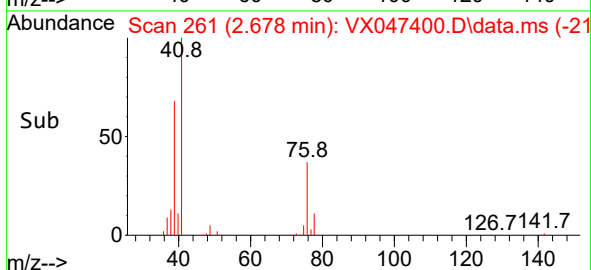
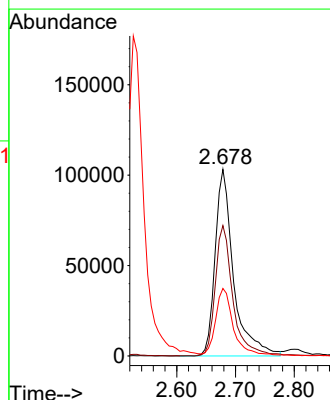
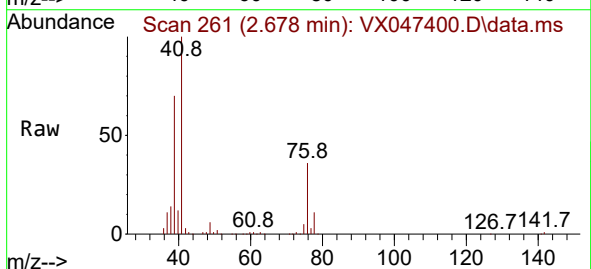
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

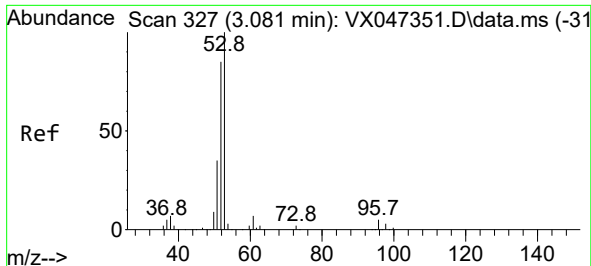
Tgt Ion: 56 Resp: 147637
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3



#14
Allyl chloride
Concen: 50.583 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 41 Resp: 225494
Ion Ratio Lower Upper
41 100
39 67.2 54.6 81.8
76 34.9 27.6 41.4

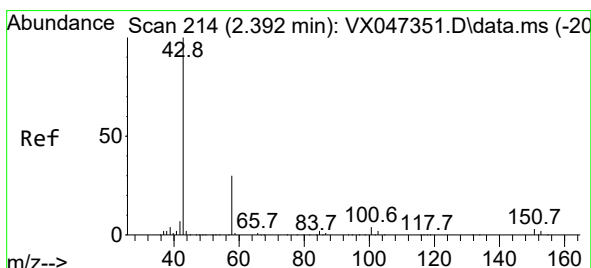
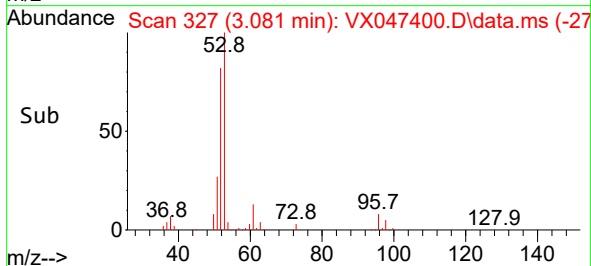
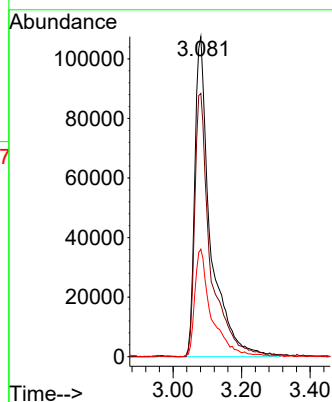
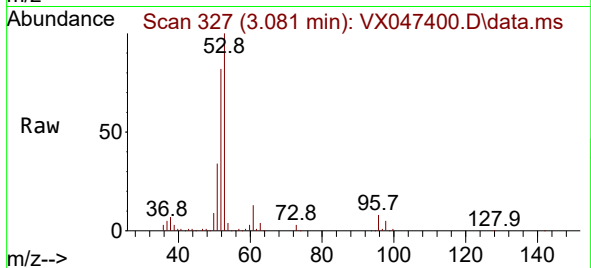




#15
Acrylonitrile
Concen: 285.809 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

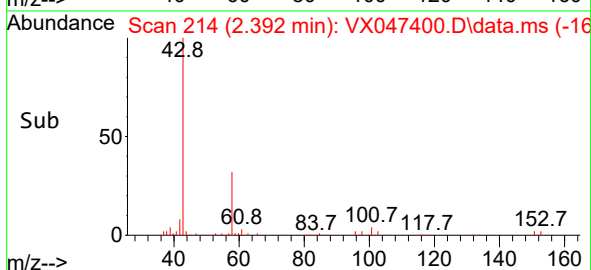
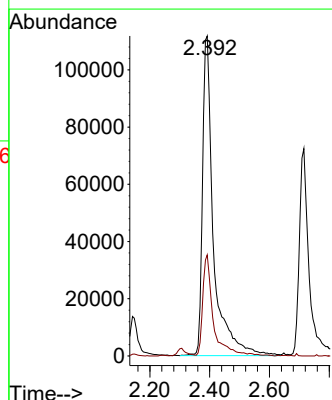
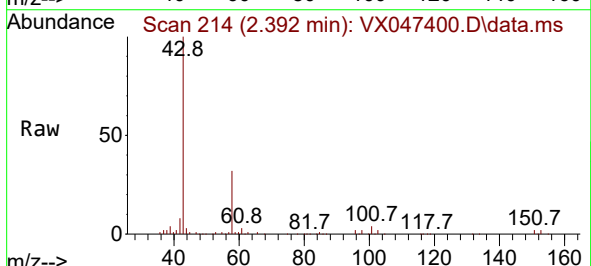
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

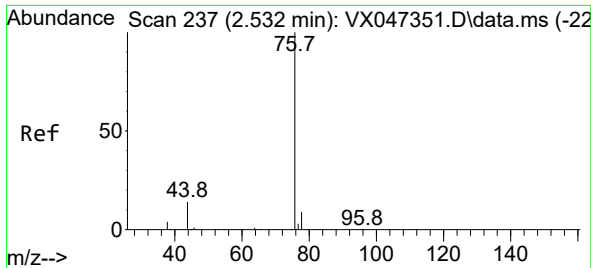
Tgt Ion: 53 Resp: 342772
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 35.6 28.2 42.2



#16
Acetone
Concen: 267.129 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 43 Resp: 286462
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2





#17

Carbon Disulfide

Concen: 44.886 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

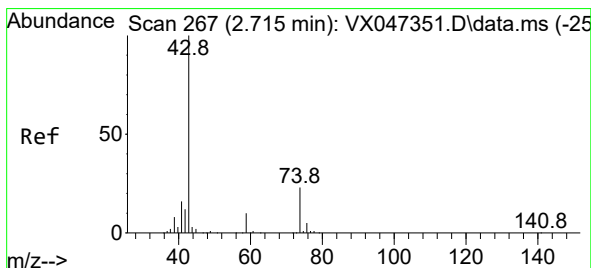
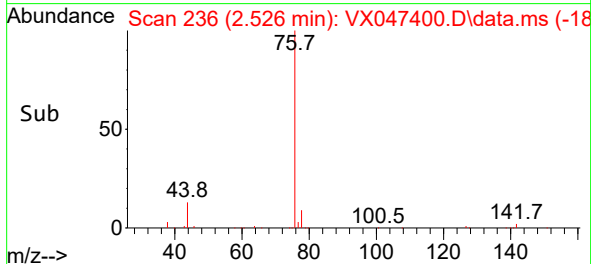
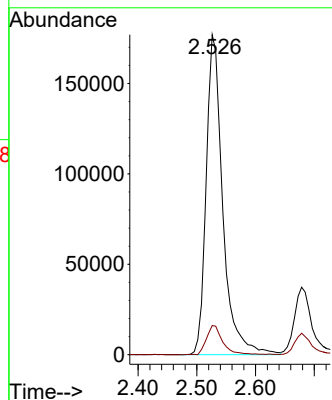
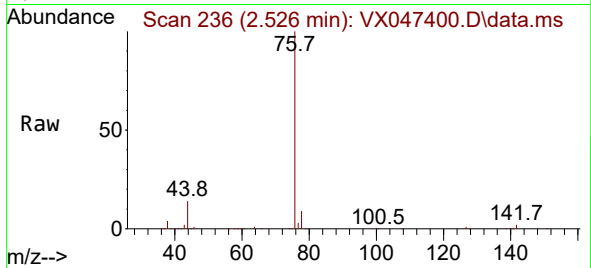
VSTDCCC050

Tgt Ion: 76 Resp: 347652

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 56.879 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.000 min

Lab File: VX047400.D

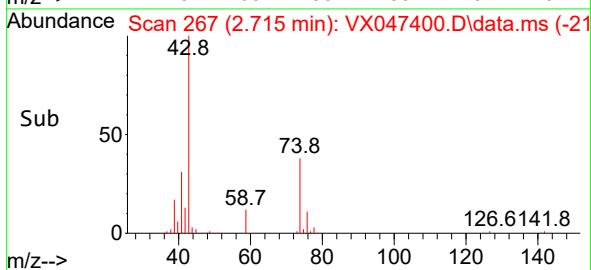
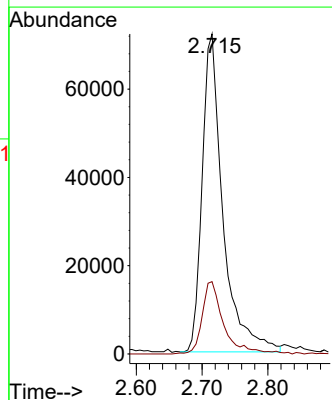
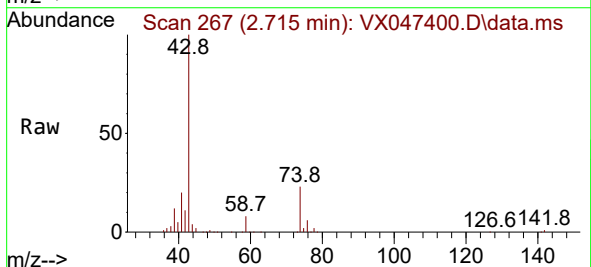
Acq: 19 Aug 2025 09:37

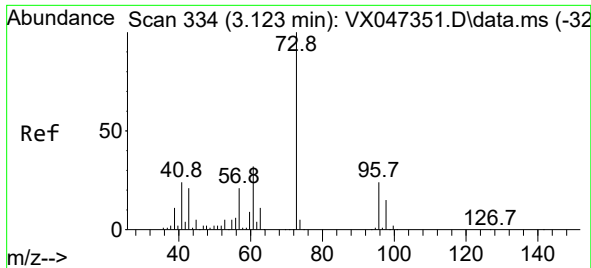
Tgt Ion: 43 Resp: 158065

Ion Ratio Lower Upper

43 100

74 23.6 18.4 27.6

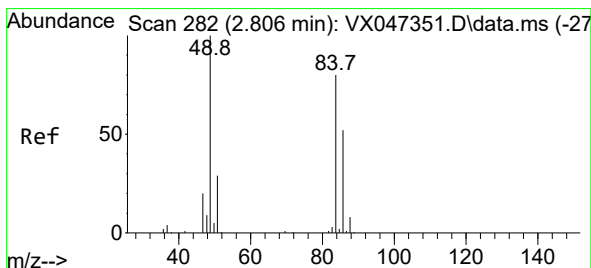
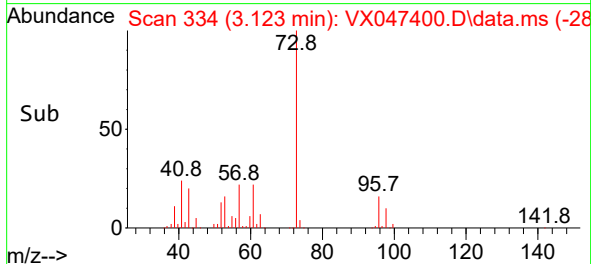
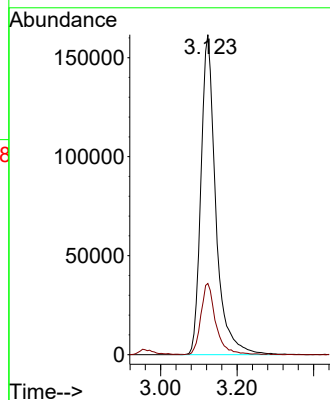
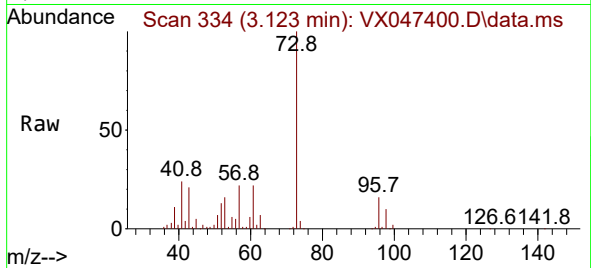




#19
Methyl tert-butyl Ether
Concen: 55.686 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

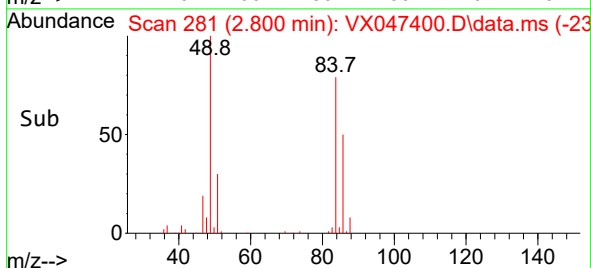
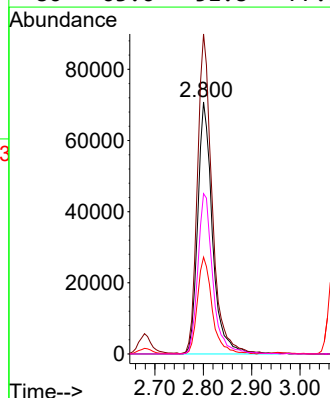
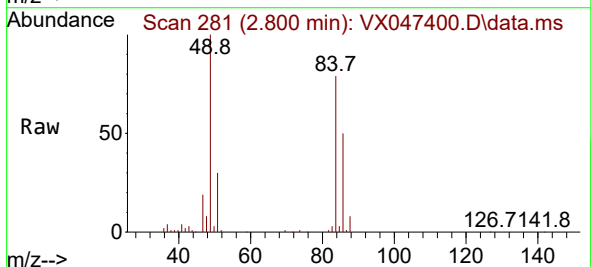
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

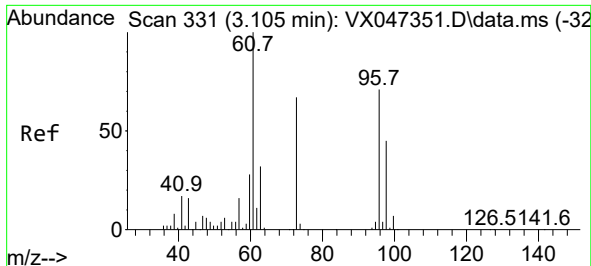
Tgt Ion: 73 Resp: 434808
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.6



#20
Methylene Chloride
Concen: 52.640 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 84 Resp: 149480
Ion Ratio Lower Upper
84 100
49 126.9 100.1 150.1
51 38.3 29.5 44.3
86 63.6 51.8 77.8

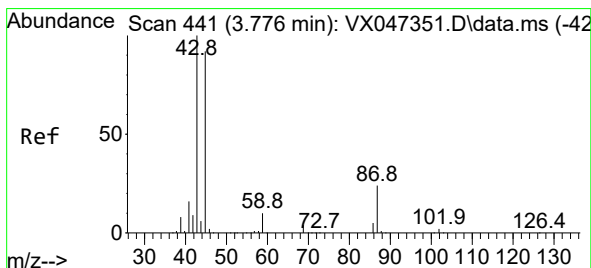
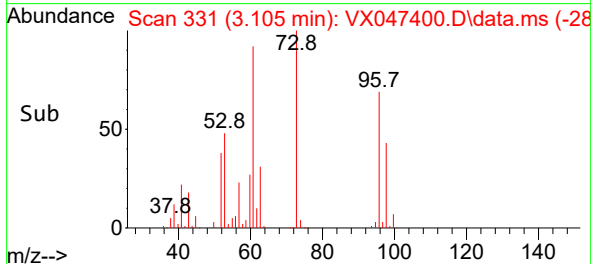
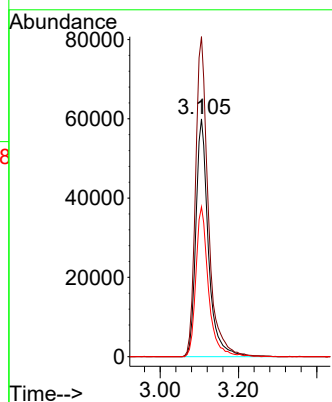
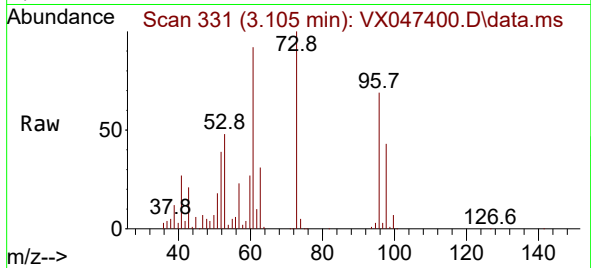




#21
trans-1,2-Dichloroethene
Concen: 49.068 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

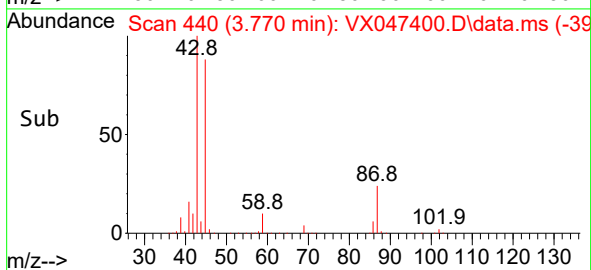
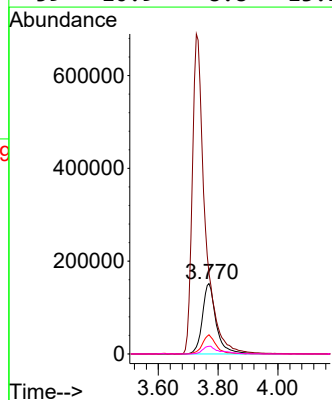
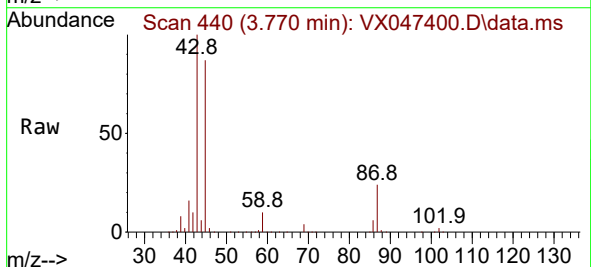
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

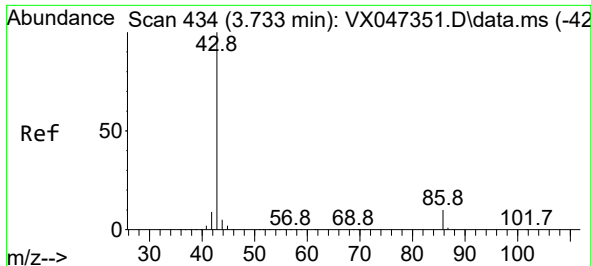
Tgt Ion: 96 Resp: 133669
Ion Ratio Lower Upper
96 100
61 134.6 112.6 169.0
98 63.0 50.9 76.3



#22
Diisopropyl ether
Concen: 55.175 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 45 Resp: 486194
Ion Ratio Lower Upper
45 100
43 114.3 86.8 130.2
87 27.2 20.4 30.6
59 10.9 8.8 13.2

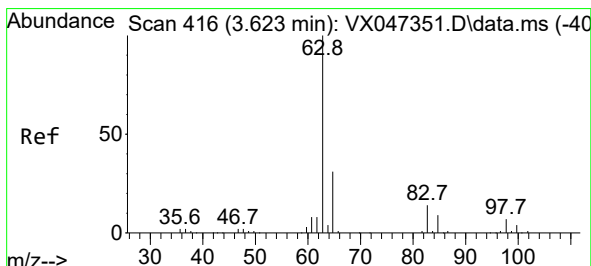
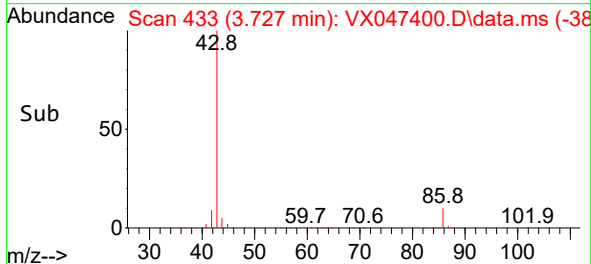
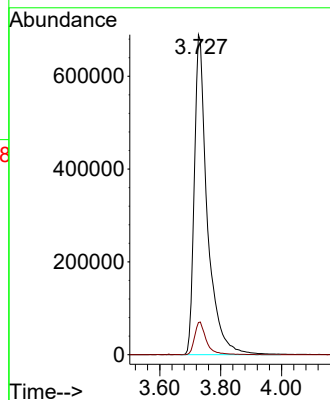
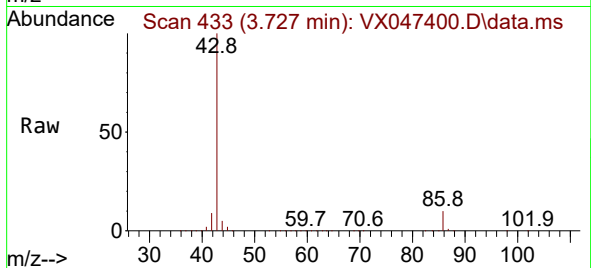




#23
 Vinyl Acetate
 Concen: 283.754 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047400.D
 Acq: 19 Aug 2025 09:37

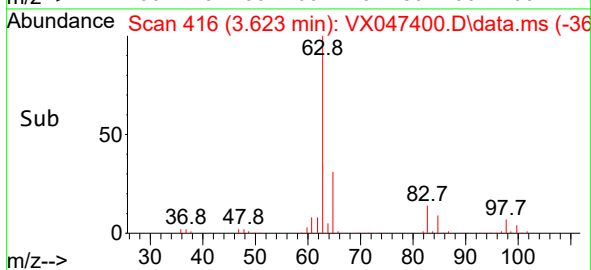
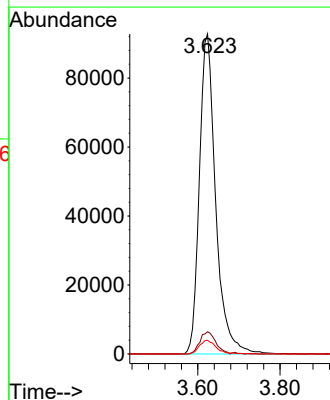
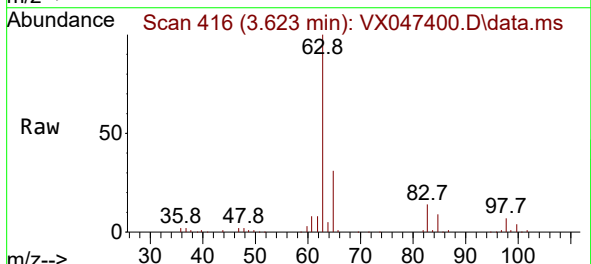
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

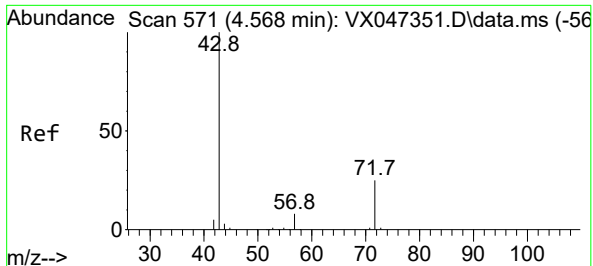
Tgt Ion: 43 Resp: 2049454
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 51.211 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047400.D
 Acq: 19 Aug 2025 09:37

Tgt Ion: 63 Resp: 255069
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.9
 100 4.6 2.1 6.3

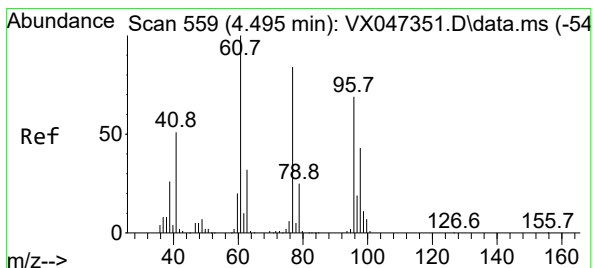
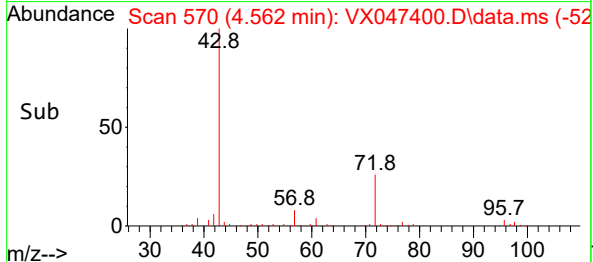
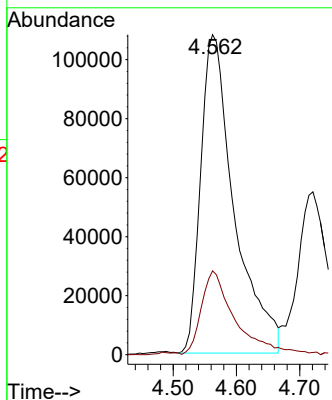
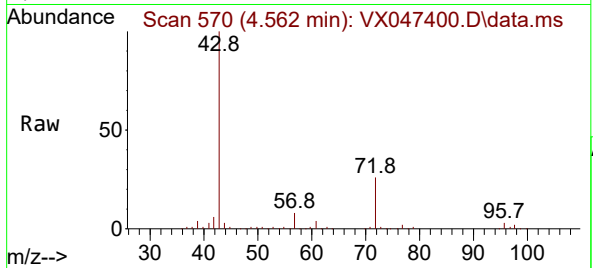




#25
2-Butanone
Concen: 283.674 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

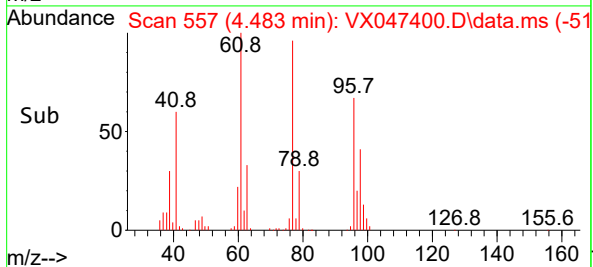
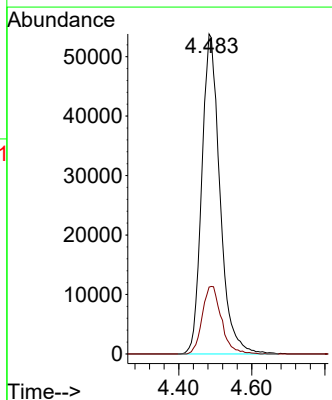
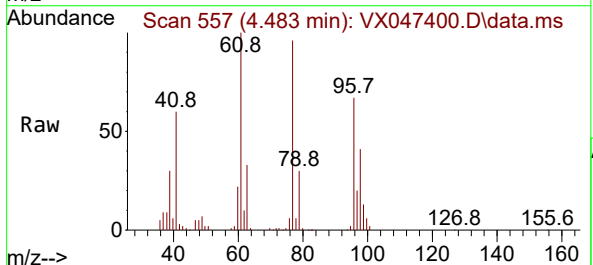
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

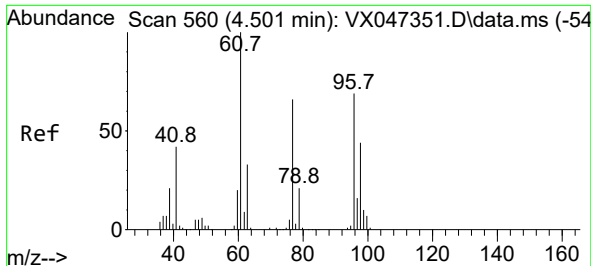
Tgt Ion: 43 Resp: 398410
Ion Ratio Lower Upper
43 100
72 25.7 19.8 29.8



#26
2,2-Dichloropropane
Concen: 49.229 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 77 Resp: 185064
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.764 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

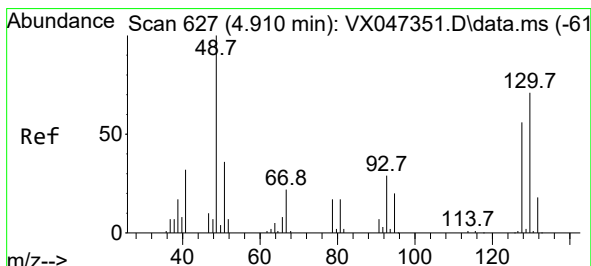
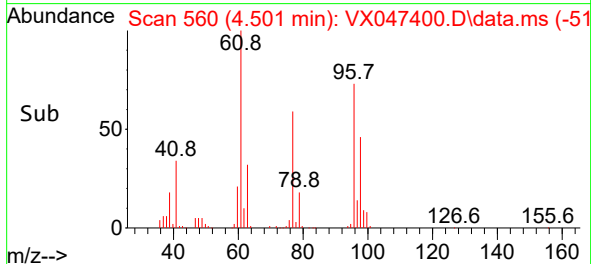
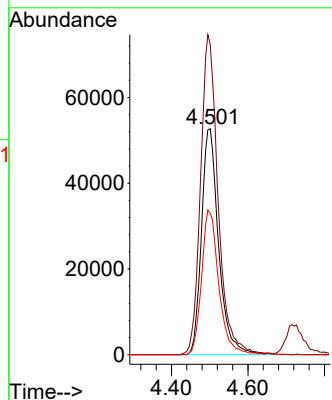
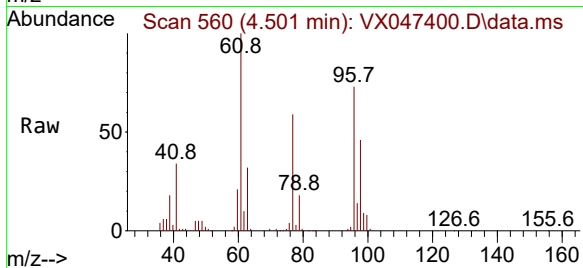
Tgt Ion: 96 Resp: 164241

Ion Ratio Lower Upper

96 100

61 144.5 0.0 296.6

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 60.847 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

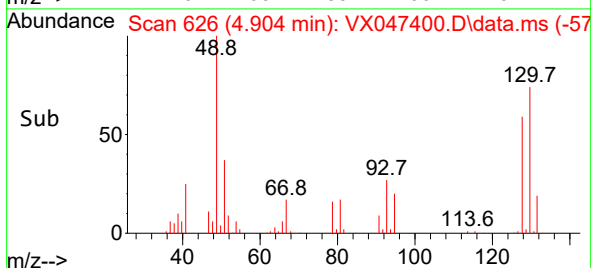
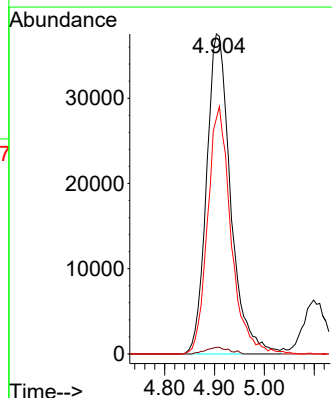
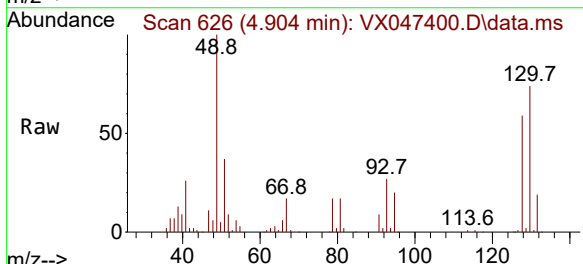
Tgt Ion: 49 Resp: 126113

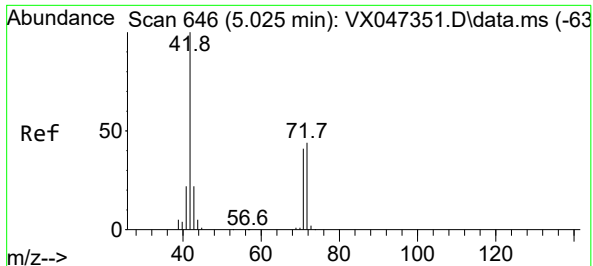
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 74.9 59.8 89.6





#29

Tetrahydrofuran

Concen: 280.608 ug/l

RT: 5.019 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

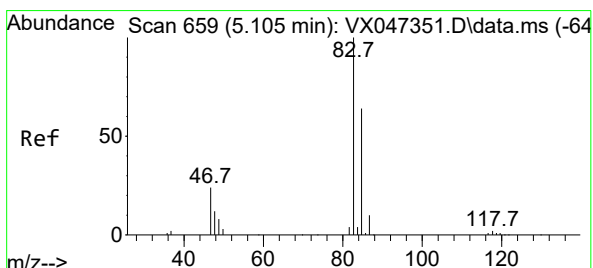
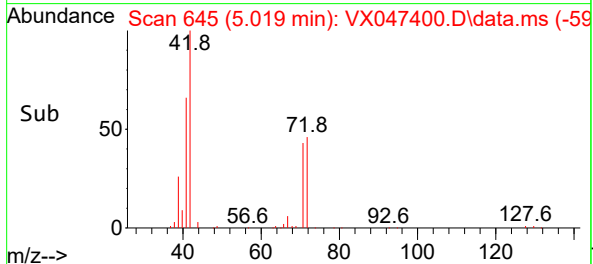
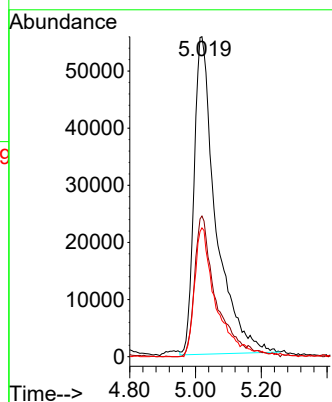
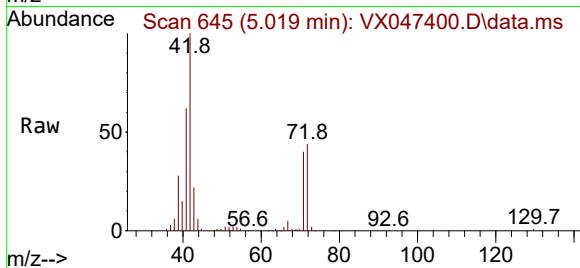
Tgt Ion: 42 Resp: 254725

Ion Ratio Lower Upper

42 100

72 42.3 34.6 51.8

71 40.1 32.6 49.0



#30

Chloroform

Concen: 52.310 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047400.D

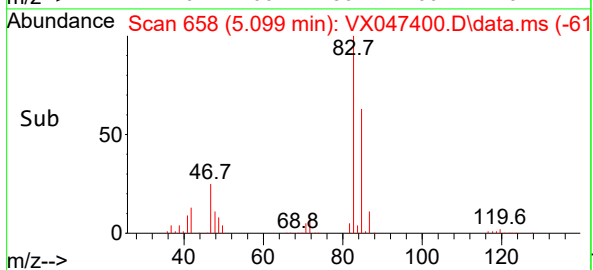
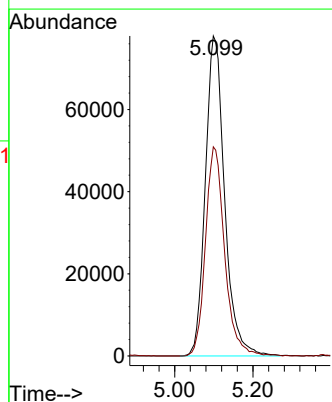
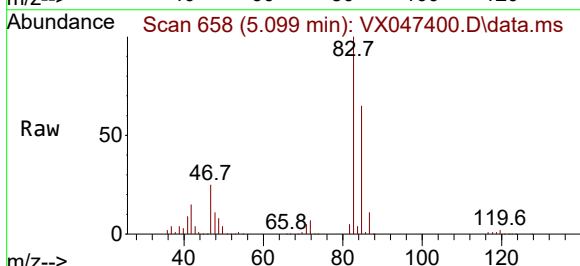
Acq: 19 Aug 2025 09:37

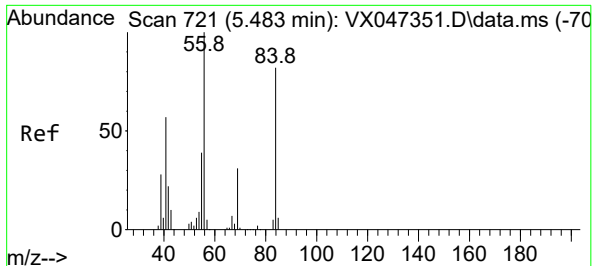
Tgt Ion: 83 Resp: 265903

Ion Ratio Lower Upper

83 100

85 65.3 51.2 76.8



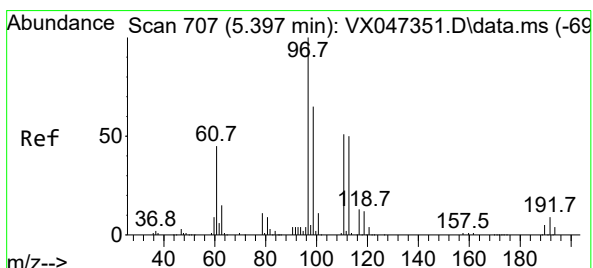
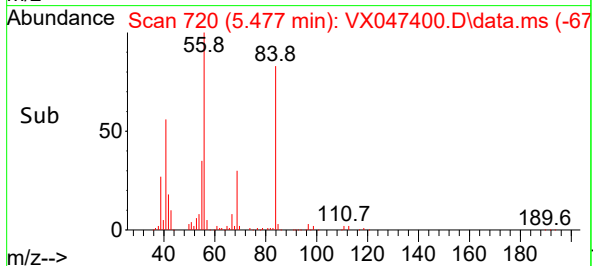
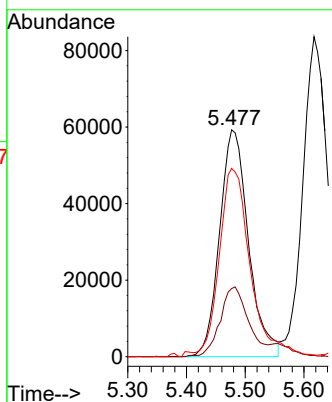
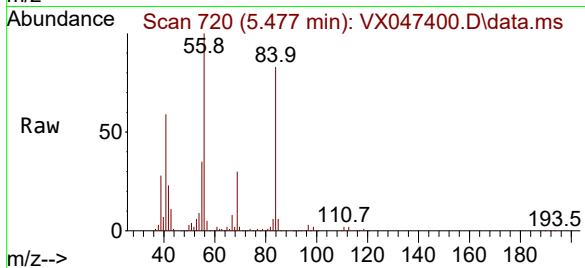


#31
Cyclohexane
Concen: 44.146 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 202692

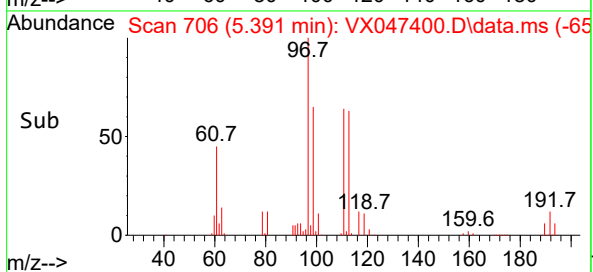
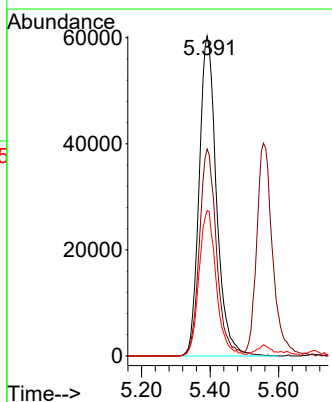
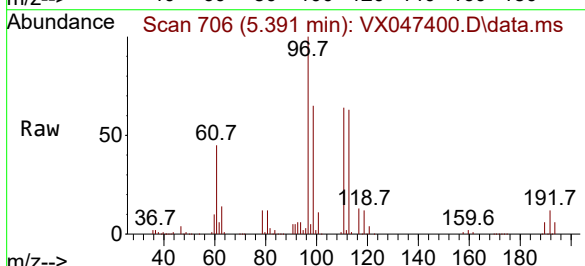
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.3	36.5
84	82.7	65.3	97.9

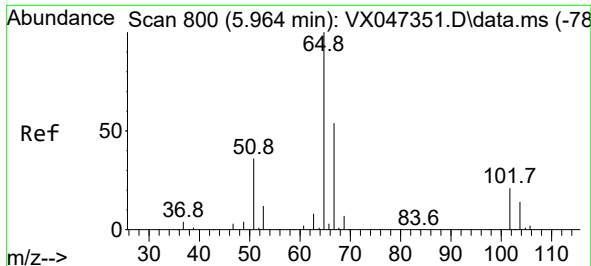


#32
1,1,1-Trichloroethane
Concen: 48.495 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 97 Resp: 212180

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.0
61	45.4	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 57.514 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

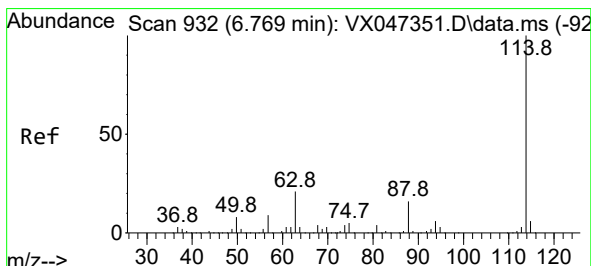
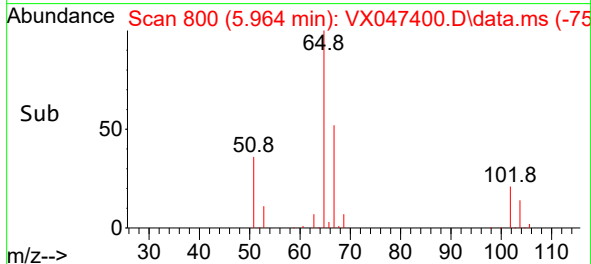
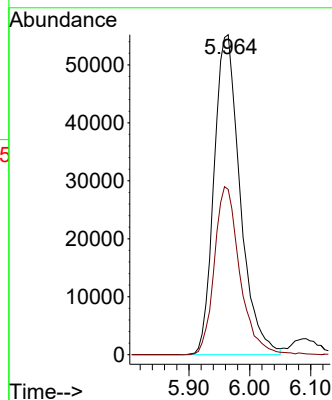
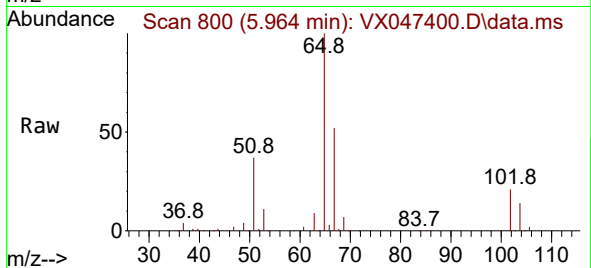
VSTDCCC050

Tgt Ion: 65 Resp: 164085

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

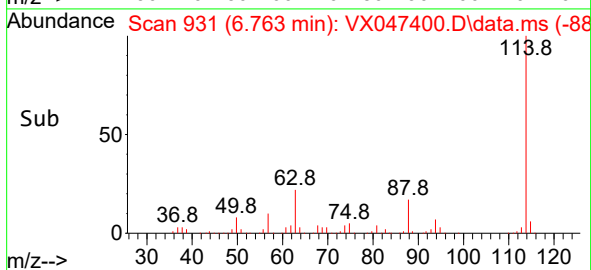
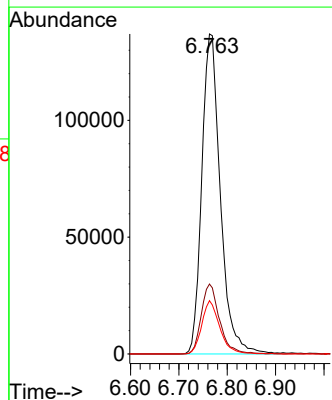
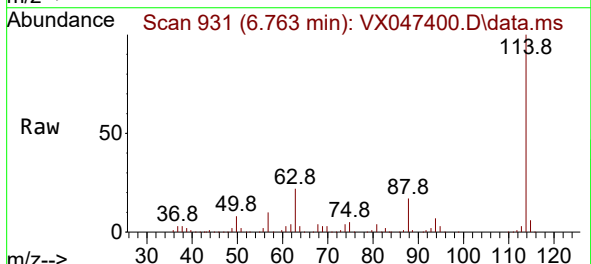
Tgt Ion: 114 Resp: 365078

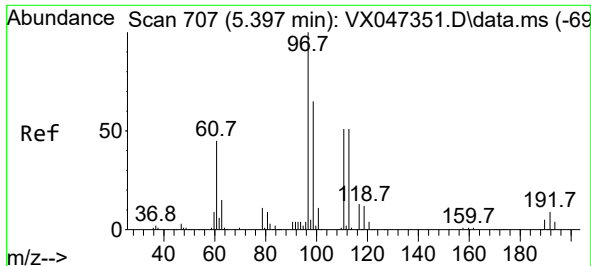
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

88 16.6 0.0 33.0

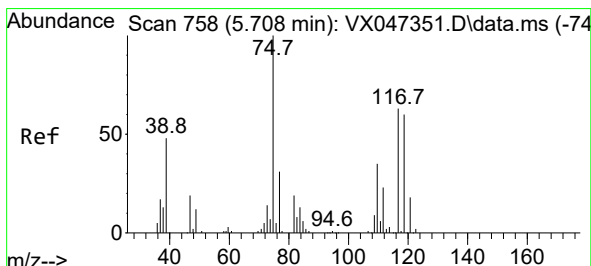
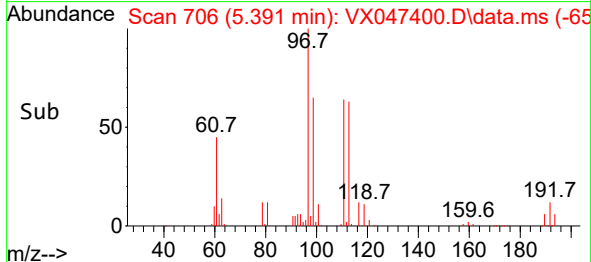
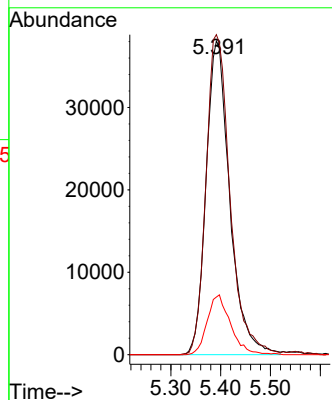
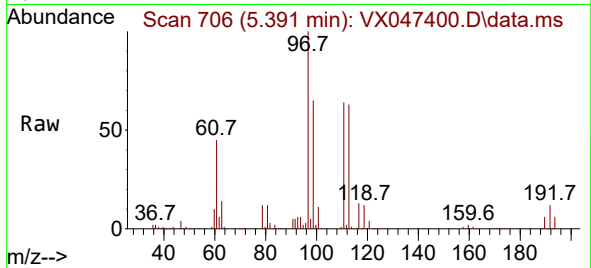




#35
Dibromofluoromethane
Concen: 53.029 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

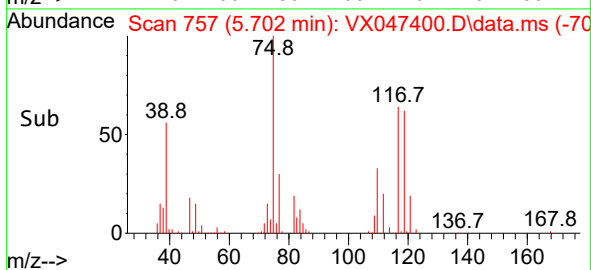
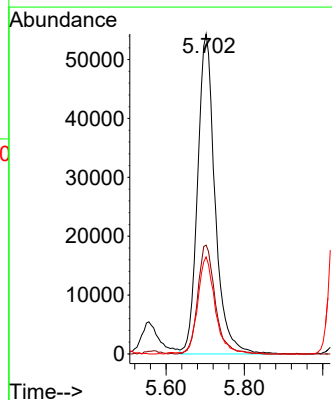
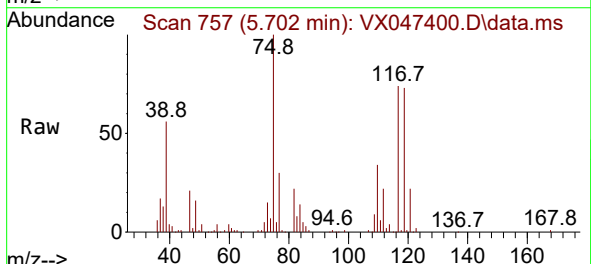
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

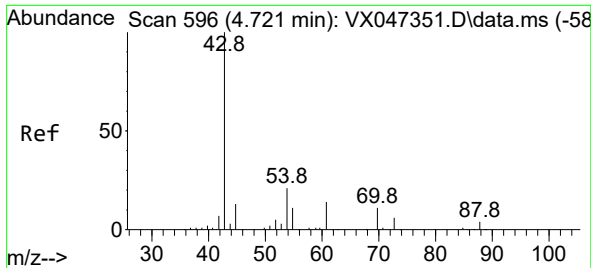
Tgt Ion:113 Resp: 125647
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.2
192 18.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 44.977 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 75 Resp: 168226
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.2
77 29.9 24.4 36.6





#37

Ethyl Acetate

Concen: 50.486 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

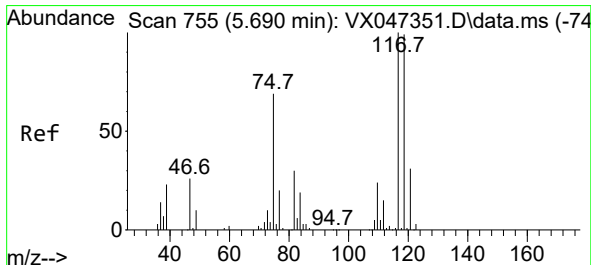
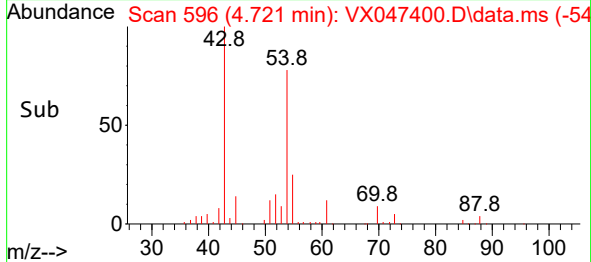
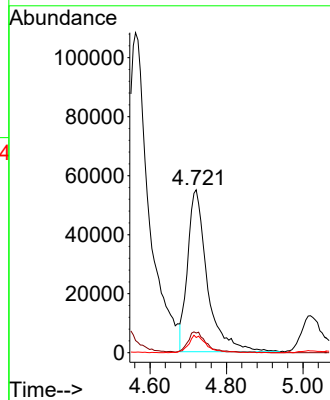
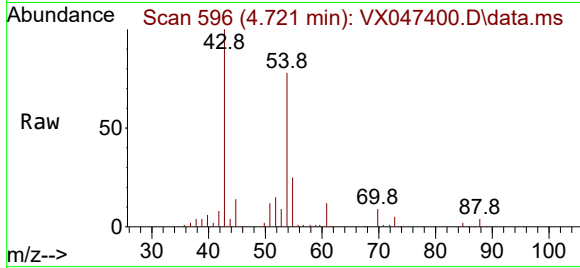
Tgt Ion: 43 Resp: 196036

Ion Ratio Lower Upper

43 100

61 12.5 9.4 14.2

70 9.4 7.0 10.6



#38

Carbon Tetrachloride

Concen: 44.963 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

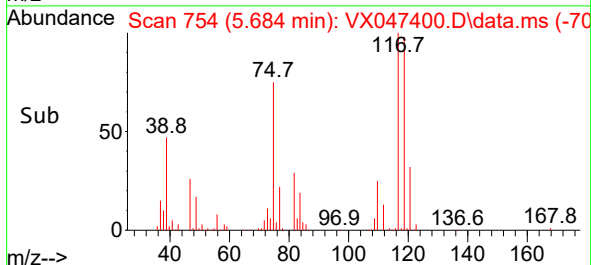
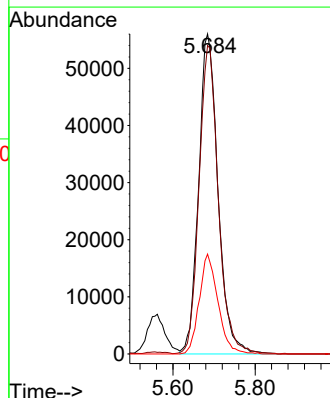
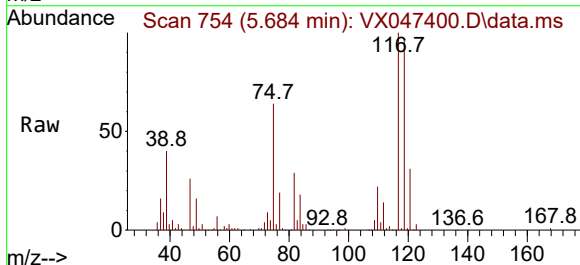
Tgt Ion: 117 Resp: 183778

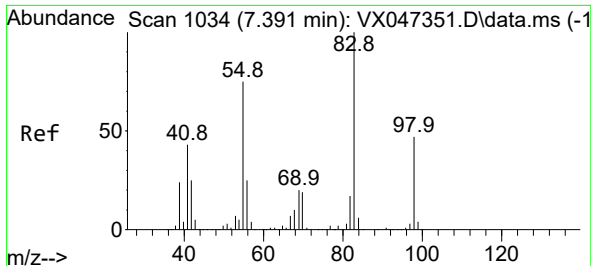
Ion Ratio Lower Upper

117 100

119 96.3 78.5 117.7

121 31.2 24.7 37.1

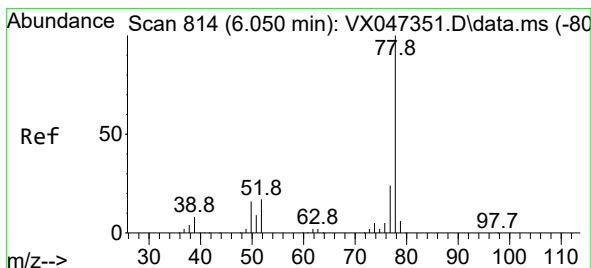
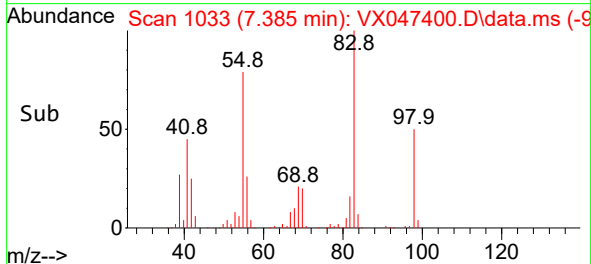
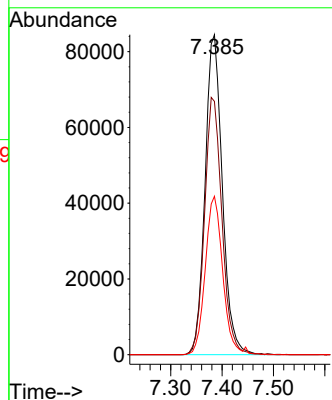
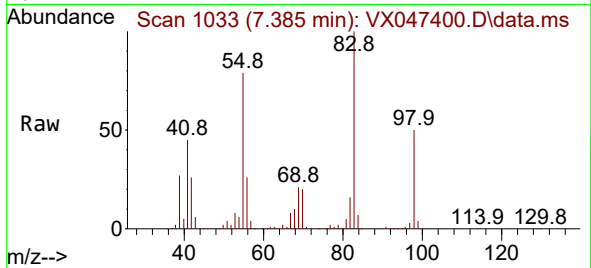




#39
Methylcyclohexane
Concen: 42.274 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

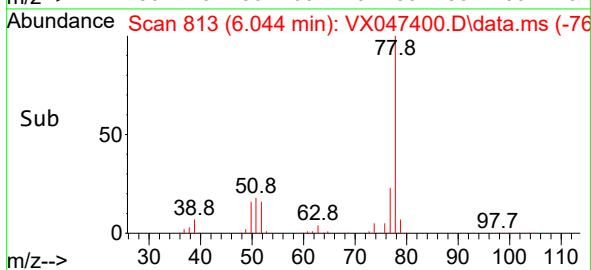
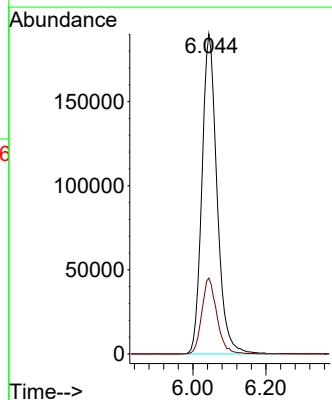
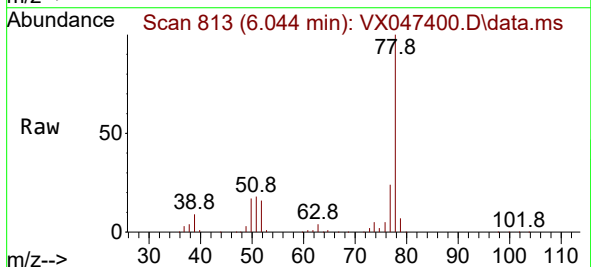
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

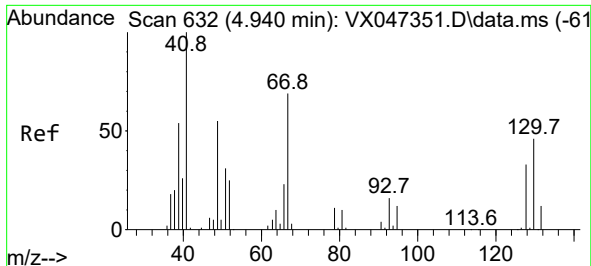
Tgt Ion: 83 Resp: 197227
Ion Ratio Lower Upper
83 100
55 79.1 60.0 90.0
98 49.5 37.2 55.8



#40
Benzene
Concen: 48.701 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 78 Resp: 545222
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

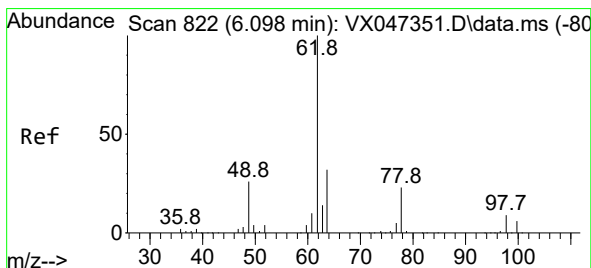
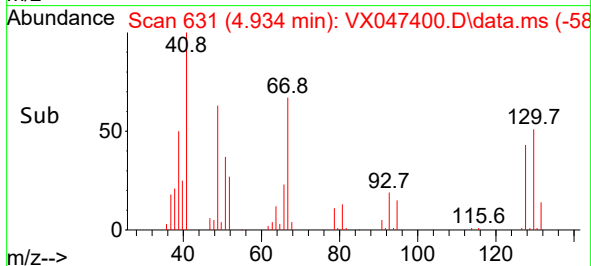
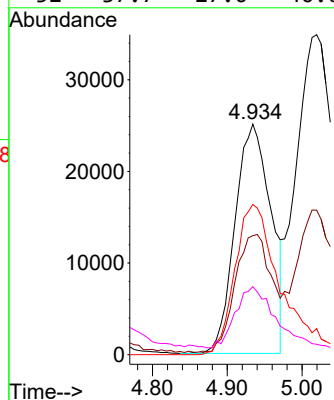
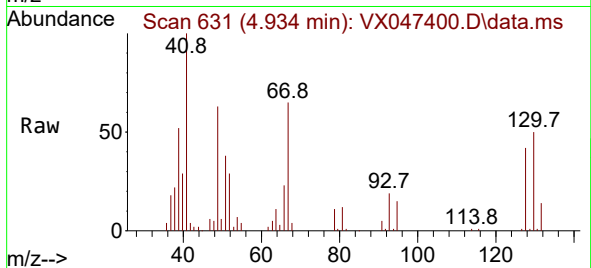




#41
Methacrylonitrile
Concen: 51.049 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

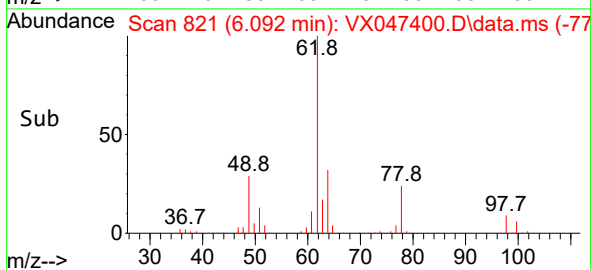
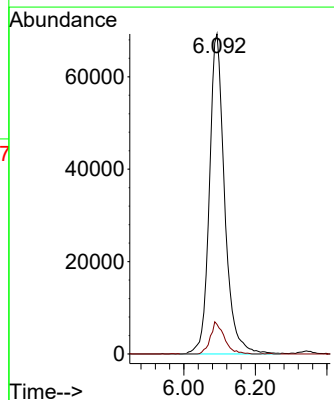
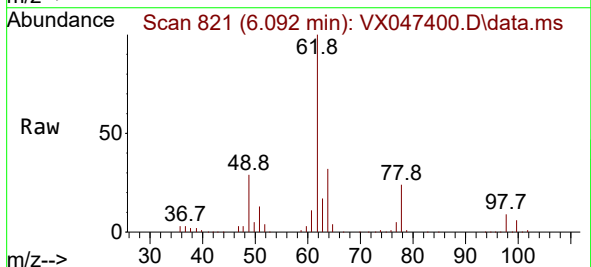
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

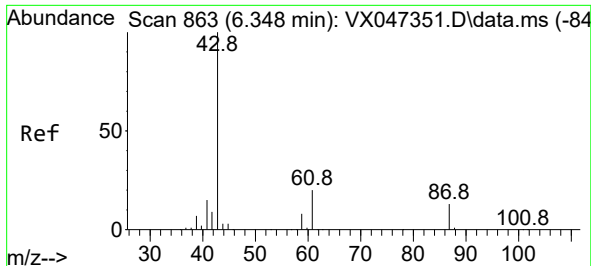
Tgt Ion:	41	Resp:	83588
Ion	Ratio	Lower	Upper
41	100		
39	52.3	45.4	68.2
67	85.7	64.0	96.0
52	37.7	27.0	40.6



#42
1,2-Dichloroethane
Concen: 51.678 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion:	62	Resp:	204929
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

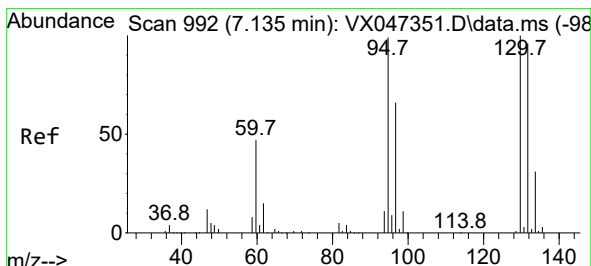
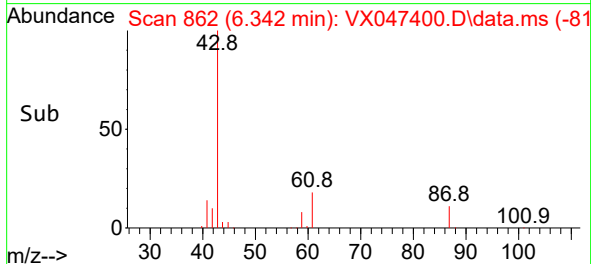
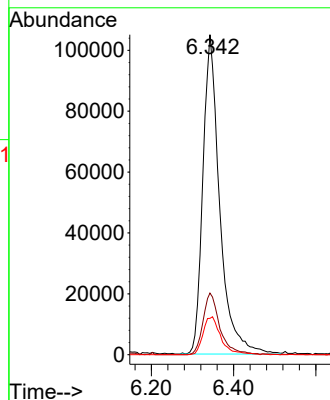
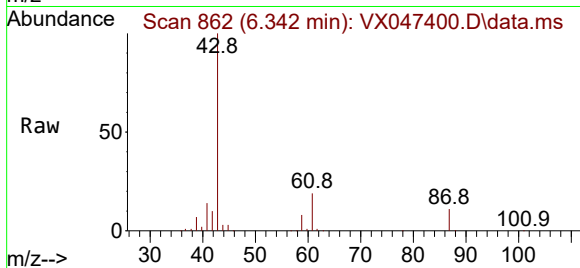




#43
Isopropyl Acetate
Concen: 53.497 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

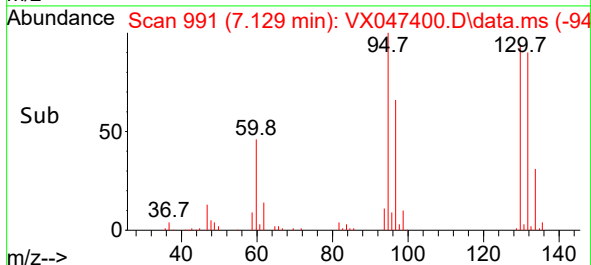
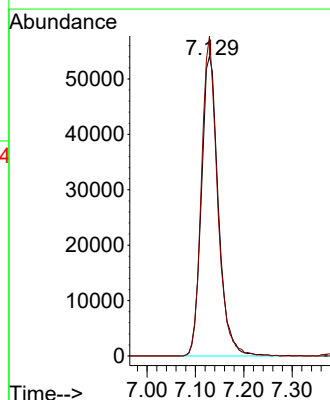
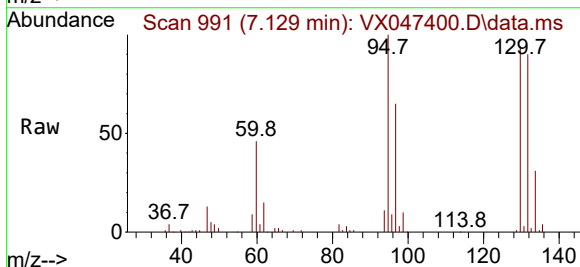
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

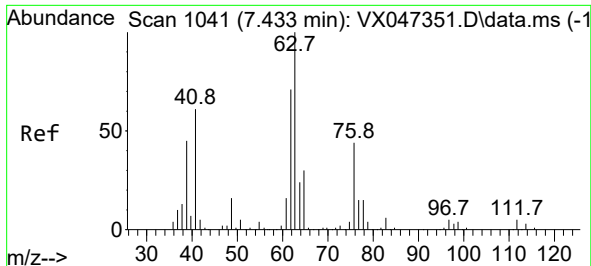
Tgt Ion: 43 Resp: 298419
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 12.5 10.2 15.4



#44
Trichloroethene
Concen: 45.821 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion:130 Resp: 131351
Ion Ratio Lower Upper
130 100
95 106.7 0.0 198.6

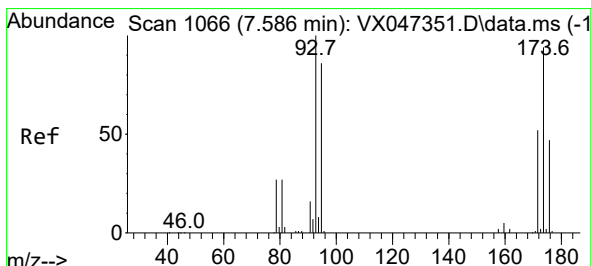
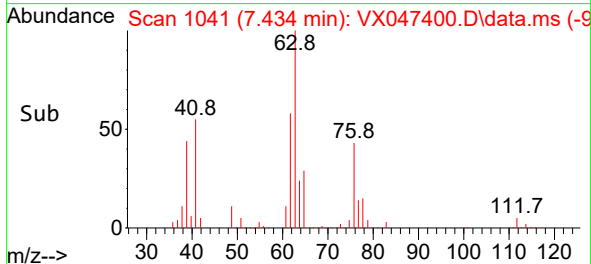
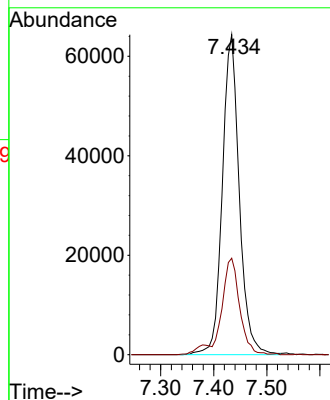
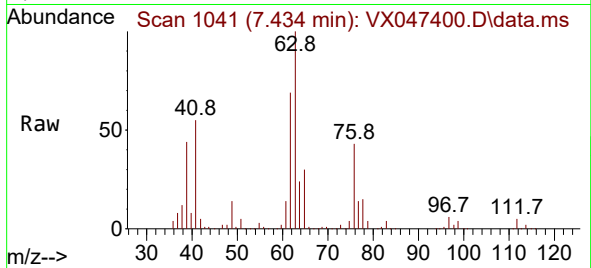




#45
1,2-Dichloropropane
Concen: 50.806 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

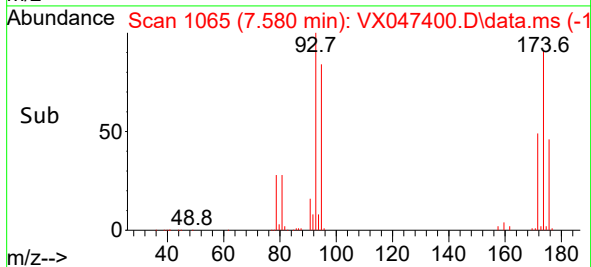
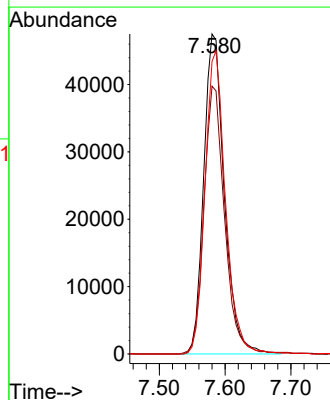
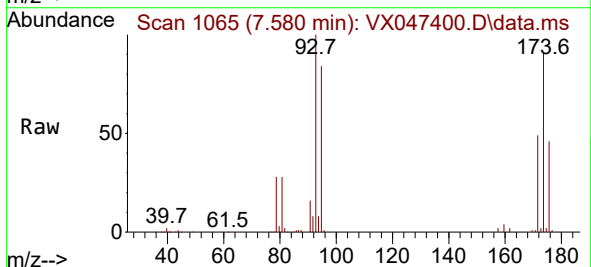
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

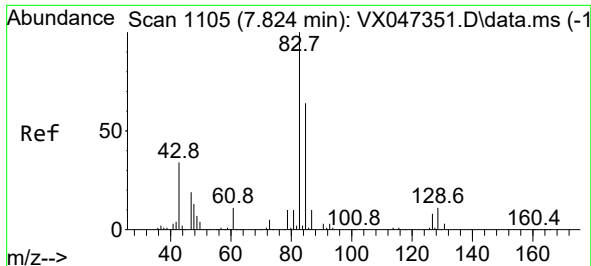
Tgt Ion: 63 Resp: 142494
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6



#46
Dibromomethane
Concen: 50.893 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 93 Resp: 103627
Ion Ratio Lower Upper
93 100
95 84.0 68.0 102.0
174 94.1 75.8 113.6

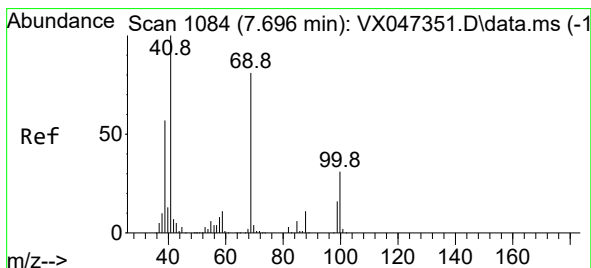
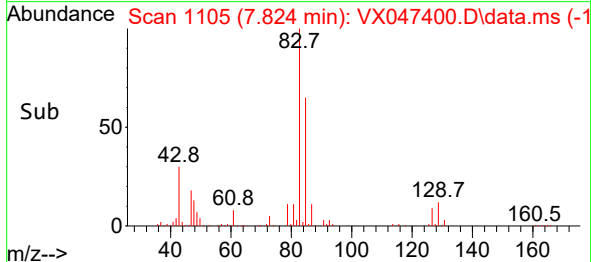
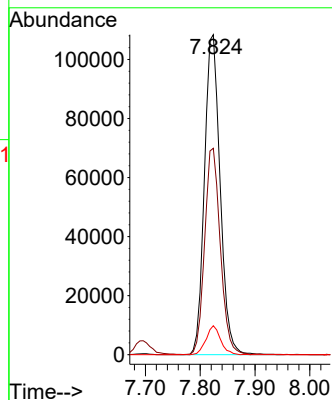
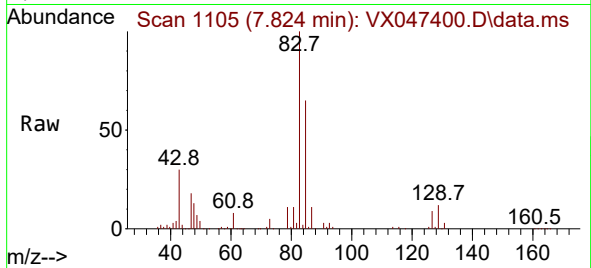




#47
Bromodichloromethane
Concen: 50.965 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

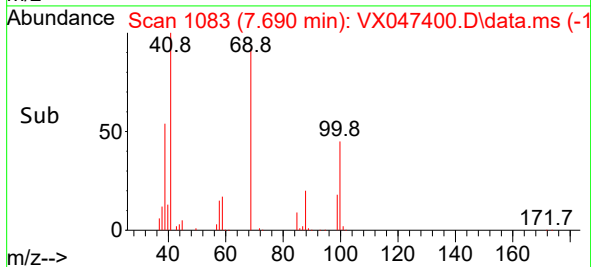
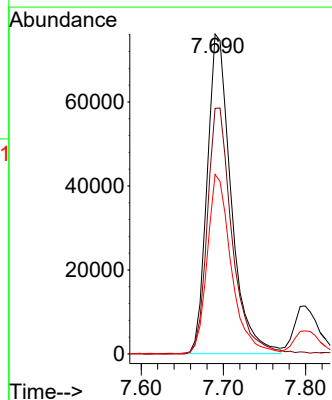
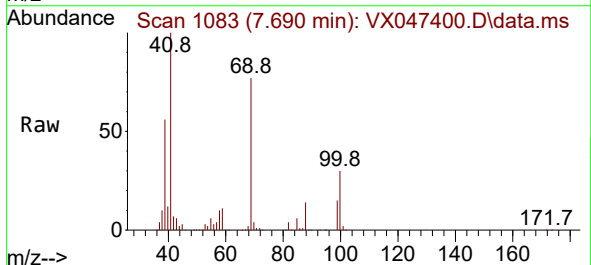
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

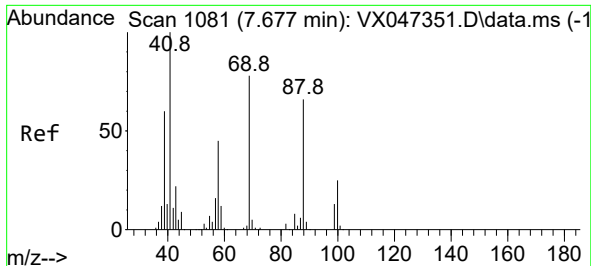
Tgt Ion: 83 Resp: 215133
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6
127 9.1 7.0 10.4



#48
Methyl methacrylate
Concen: 53.246 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 41 Resp: 154171
Ion Ratio Lower Upper
41 100
69 79.7 65.0 97.4
39 56.6 45.7 68.5

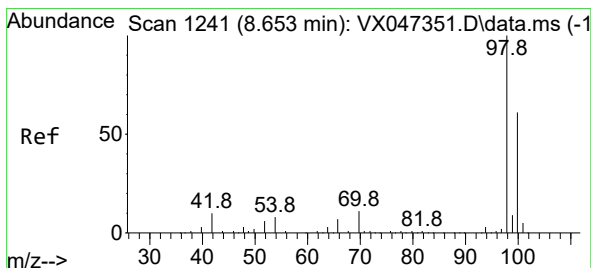
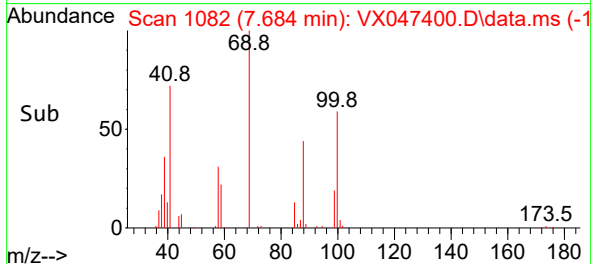
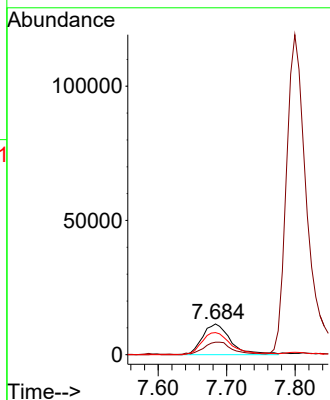
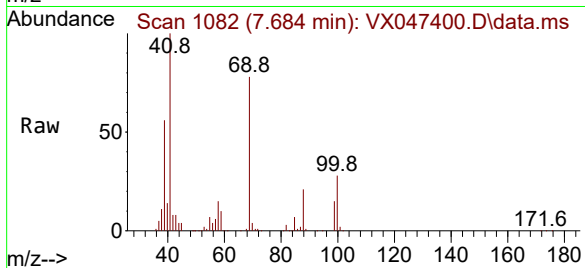




#49
1,4-Dioxane
Concen: 1160.527 ug/l
RT: 7.684 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

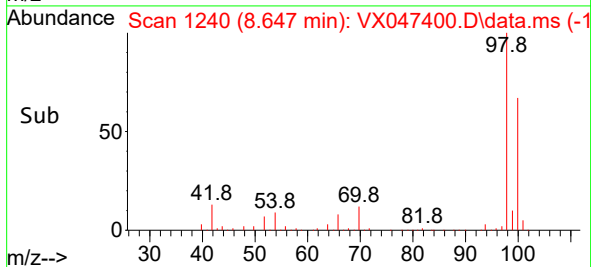
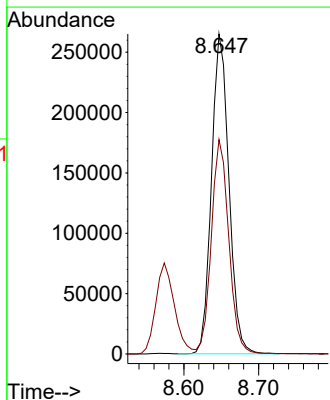
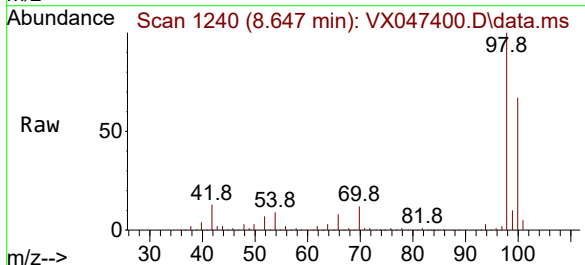
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

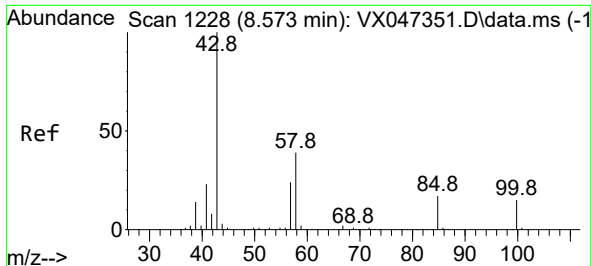
Tgt Ion: 88 Resp: 32666
Ion Ratio Lower Upper
88 100
43 39.8 32.4 48.6
58 75.4 56.9 85.3



#50
Toluene-d8
Concen: 50.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 98 Resp: 428388
Ion Ratio Lower Upper
98 100
100 66.9 53.9 80.9

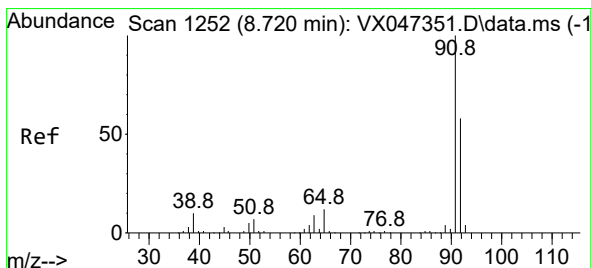
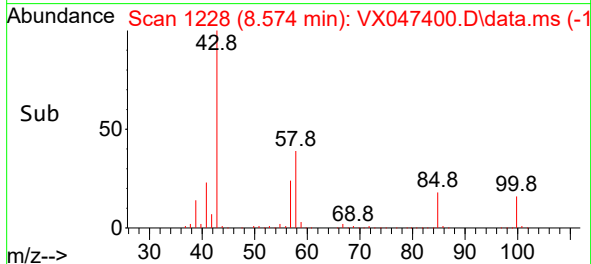
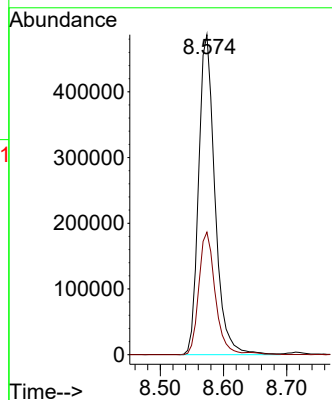
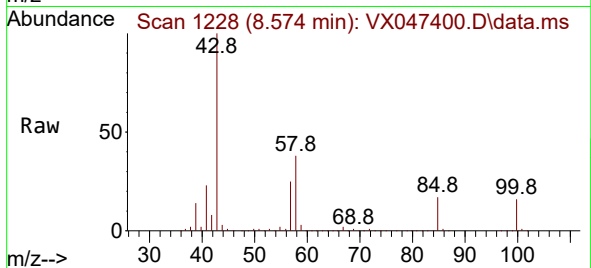




#51
4-Methyl-2-Pentanone
Concen: 272.635 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

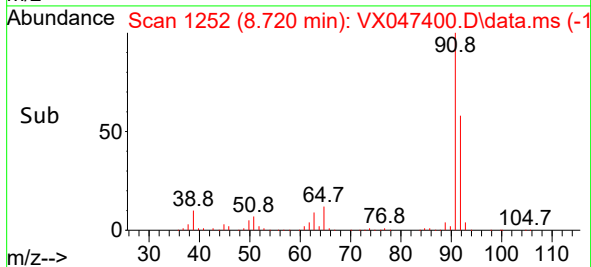
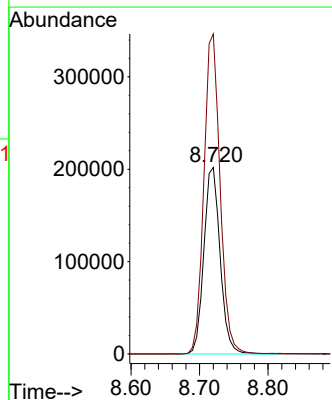
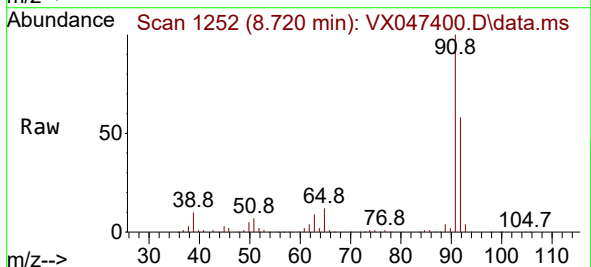
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

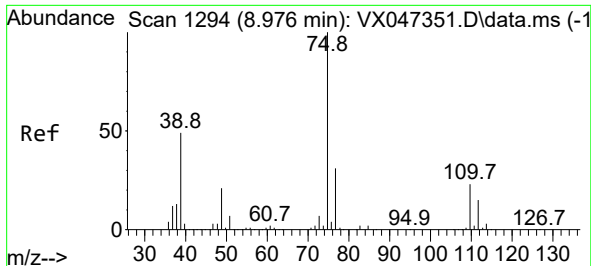
Tgt Ion: 43 Resp: 875170
Ion Ratio Lower Upper
43 100
58 38.4 31.2 46.8



#52
Toluene
Concen: 48.228 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 92 Resp: 333637
Ion Ratio Lower Upper
92 100
91 171.1 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 54.796 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

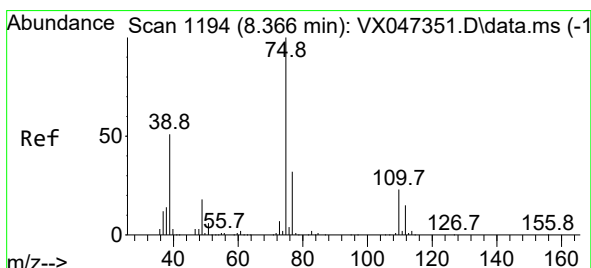
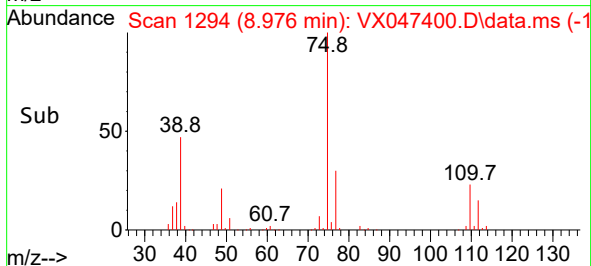
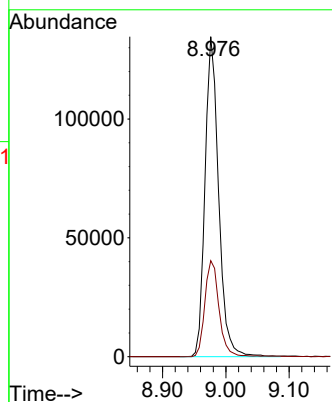
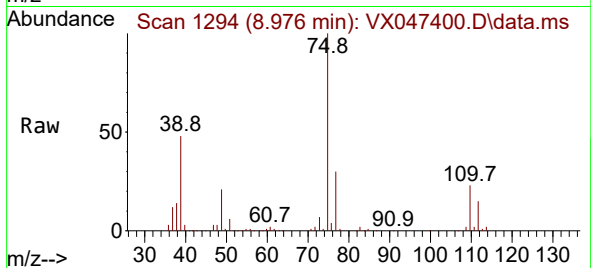
VSTDCCC050

Tgt Ion: 75 Resp: 201870

Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 52.876 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

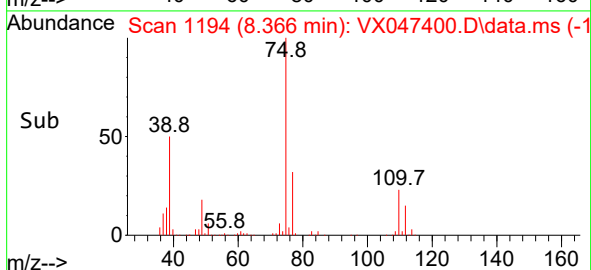
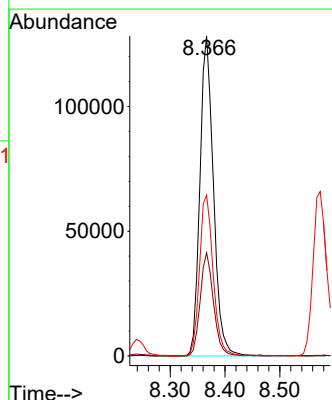
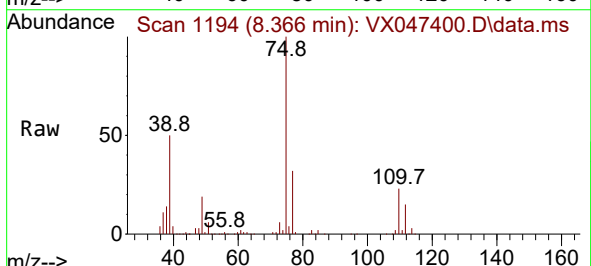
Tgt Ion: 75 Resp: 220487

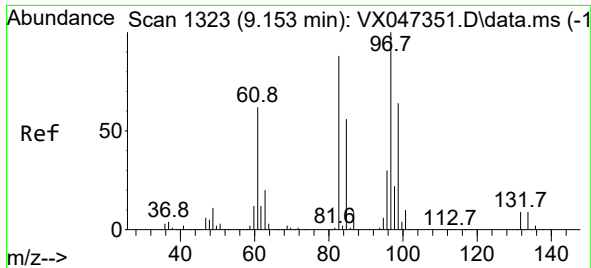
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 50.1 40.9 61.3



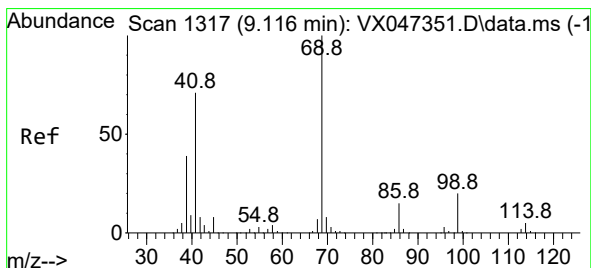
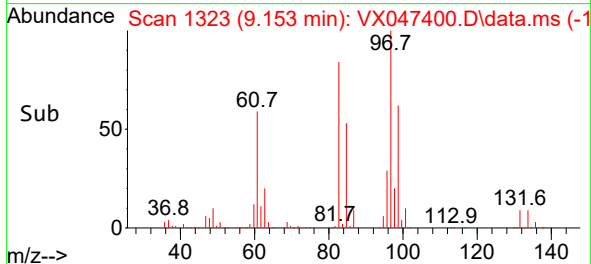
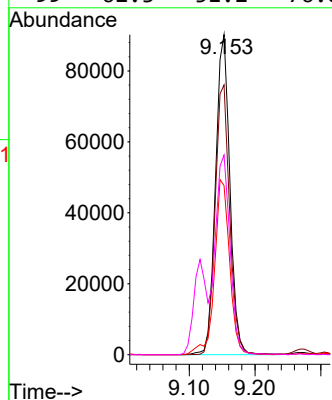
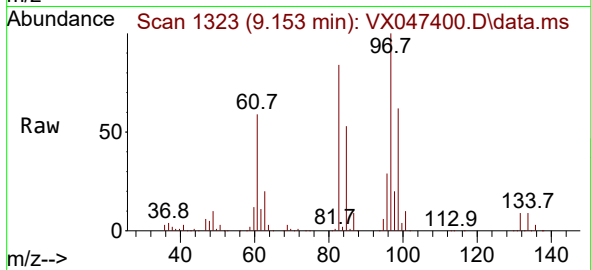


#55
1,1,2-Trichloroethane
Concen: 52.264 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 137274

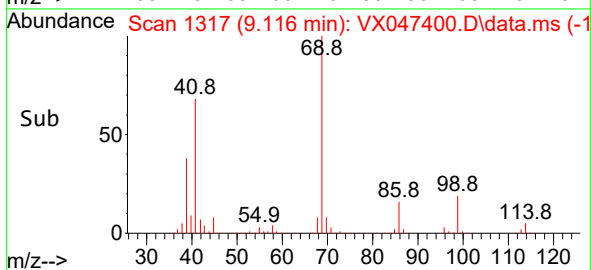
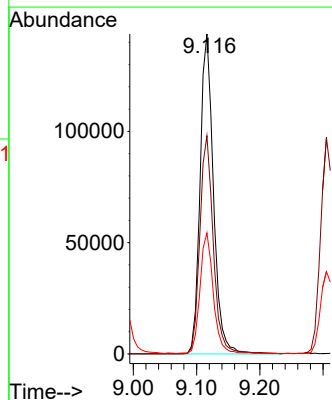
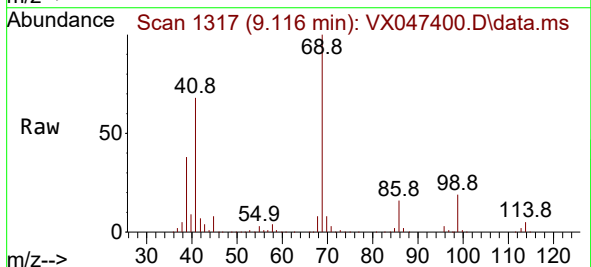
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.6	106.0
85	52.8	44.7	67.1
99	62.3	51.2	76.8

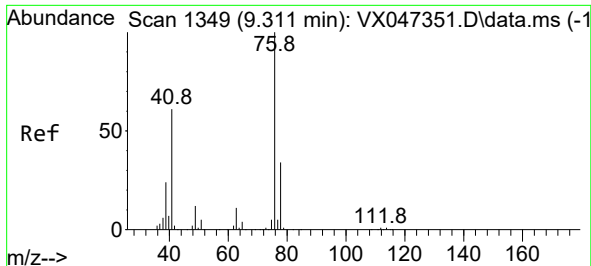


#56
Ethyl methacrylate
Concen: 54.700 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 69 Resp: 211825

Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.3	82.9
39	37.8	30.2	45.2





#57

1,3-Dichloropropane

Concen: 52.271 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

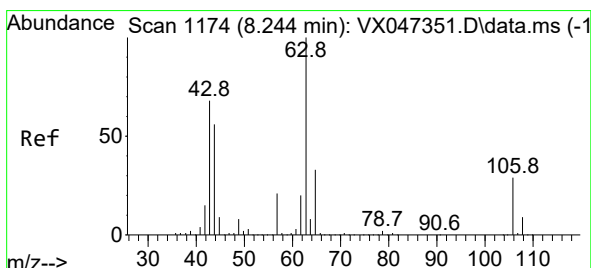
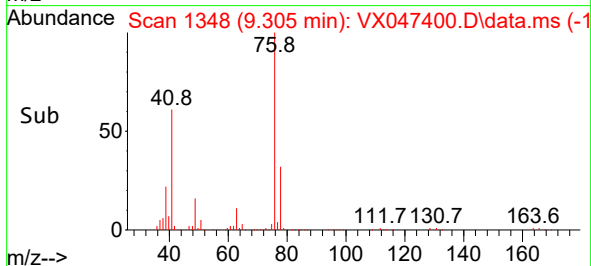
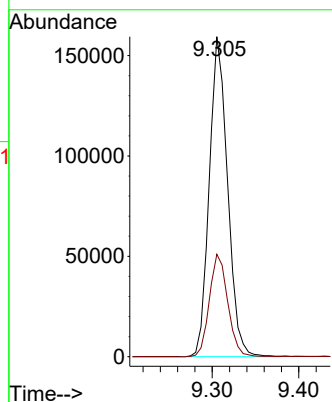
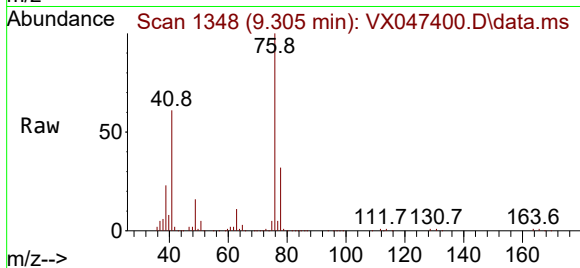
VSTDCCC050

Tgt Ion: 76 Resp: 233945

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 266.315 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047400.D

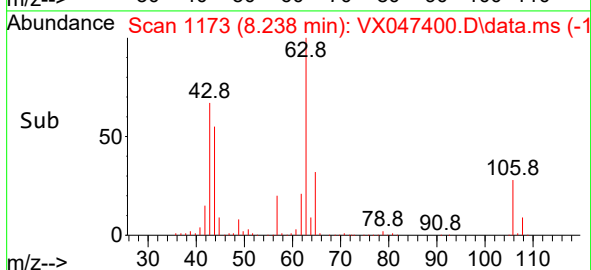
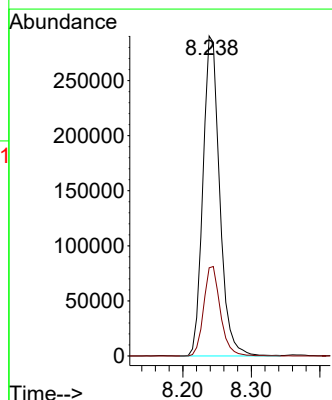
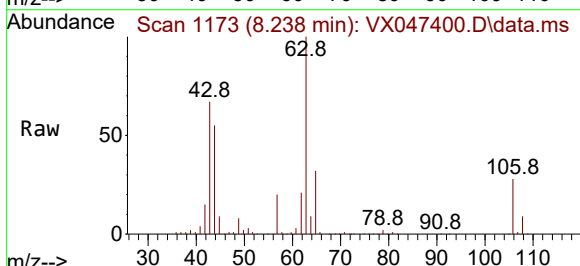
Acq: 19 Aug 2025 09:37

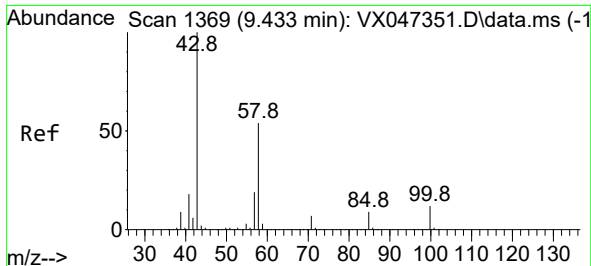
Tgt Ion: 63 Resp: 493500

Ion Ratio Lower Upper

63 100

106 27.9 22.8 34.2

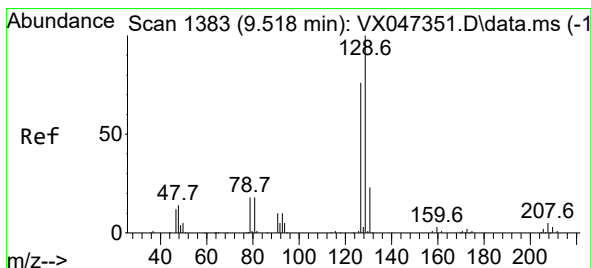
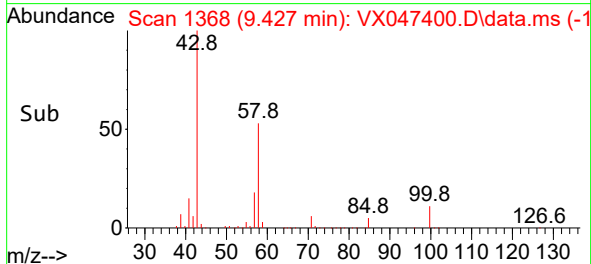
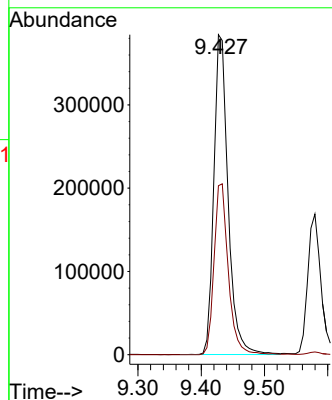
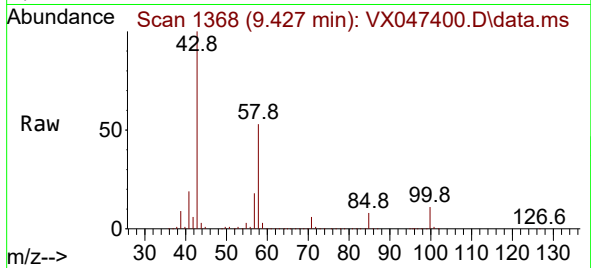




#59
2-Hexanone
Concen: 270.676 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

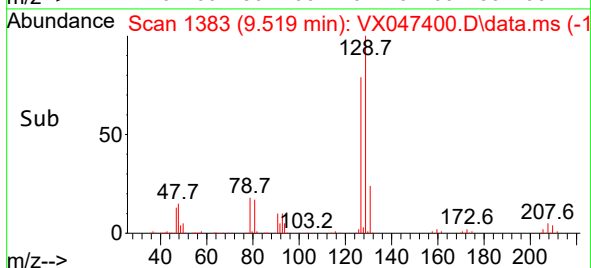
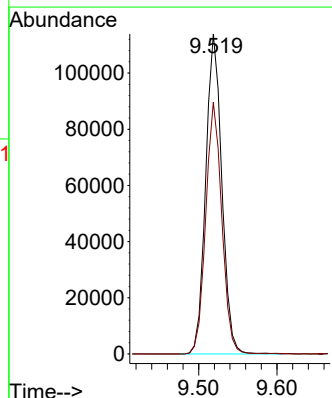
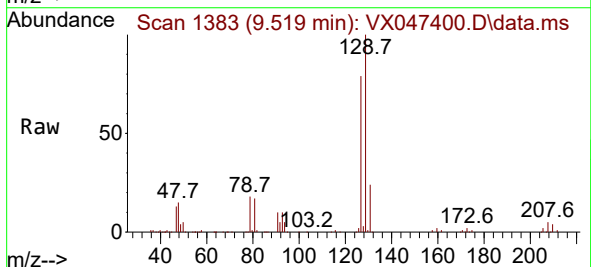
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

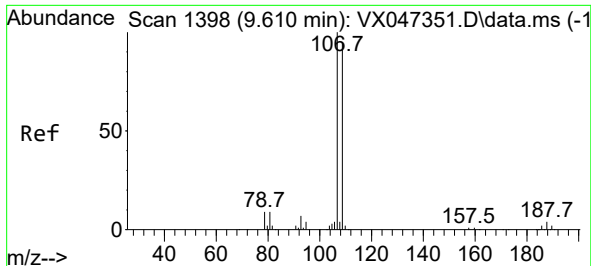
Tgt Ion: 43 Resp: 601025
Ion Ratio Lower Upper
43 100
58 53.6 26.9 80.7



#60
Dibromochloromethane
Concen: 51.968 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion:129 Resp: 162215
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

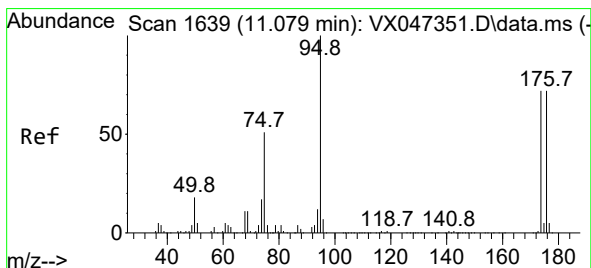
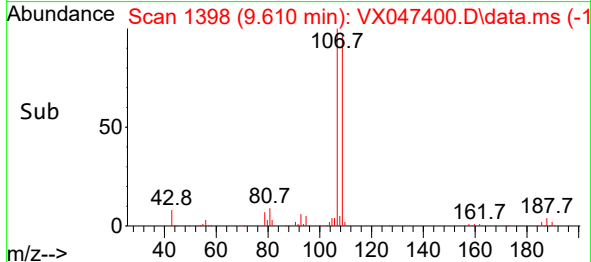
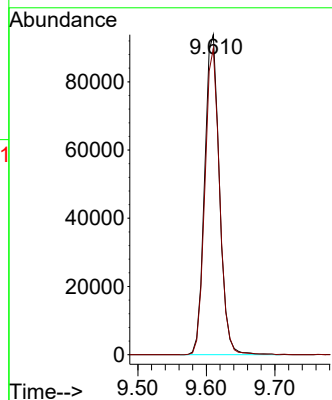
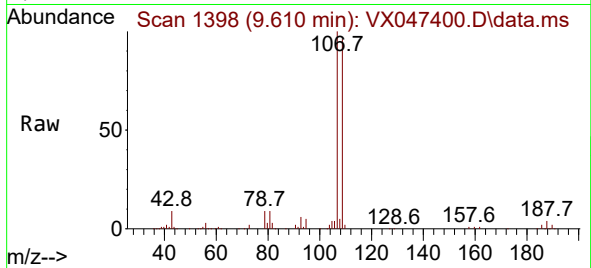




#61
1,2-Dibromoethane
Concen: 52.124 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

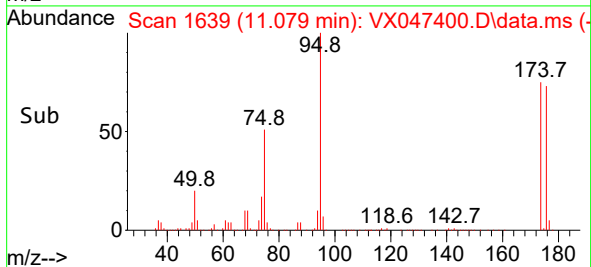
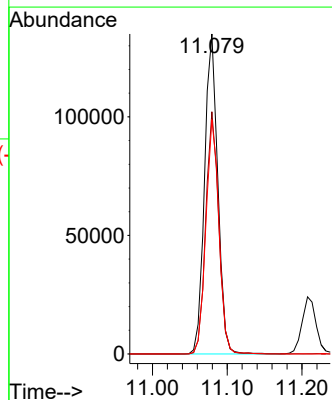
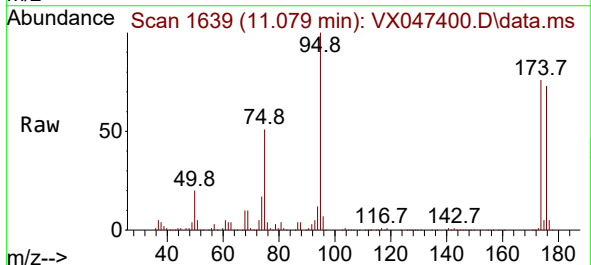
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

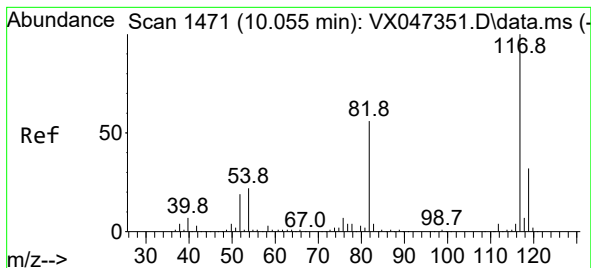
Tgt Ion:107 Resp: 141178
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 53.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 95 Resp: 166205
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.0
176 72.4 0.0 145.4

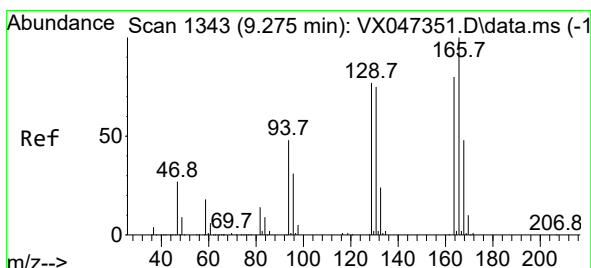
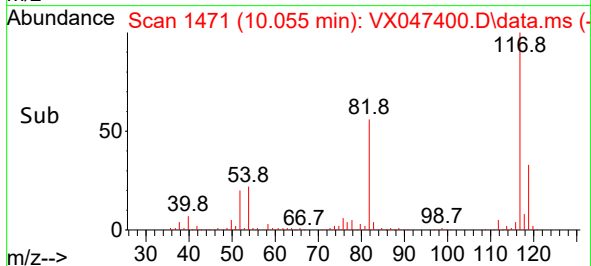
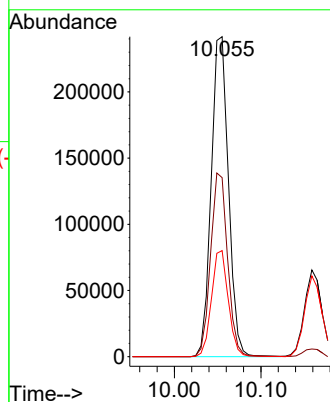
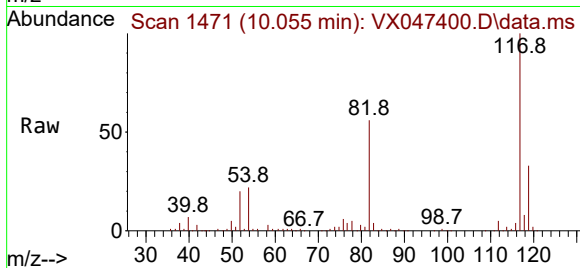




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

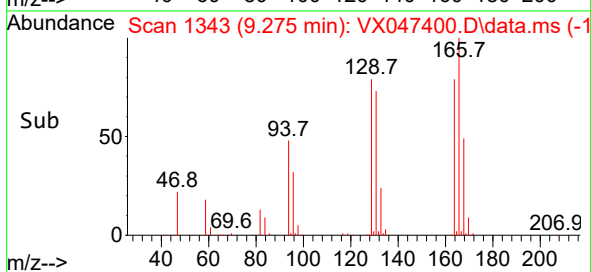
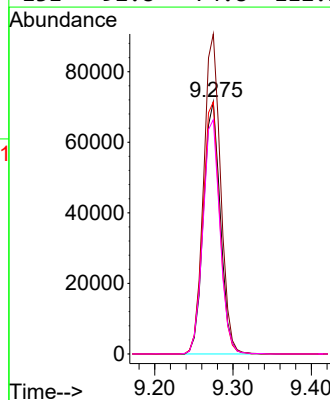
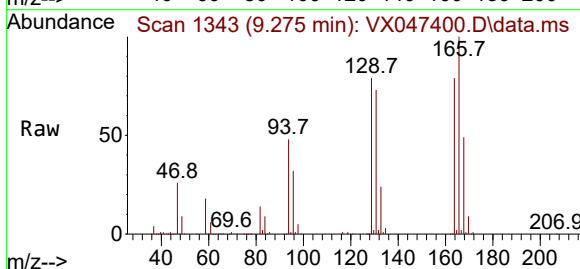
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

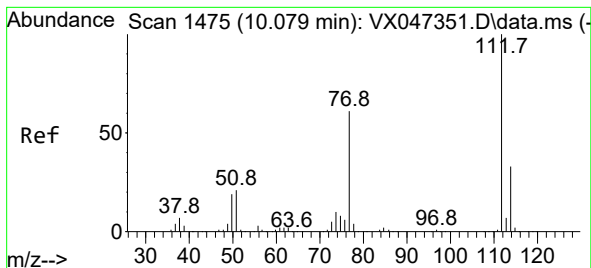
Tgt Ion:117 Resp: 334051
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 33.2 25.8 38.8



#64
Tetrachloroethene
Concen: 44.081 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion:164 Resp: 106511
Ion Ratio Lower Upper
164 100
166 126.9 100.3 150.5
129 99.9 77.7 116.5
131 92.8 74.8 112.2

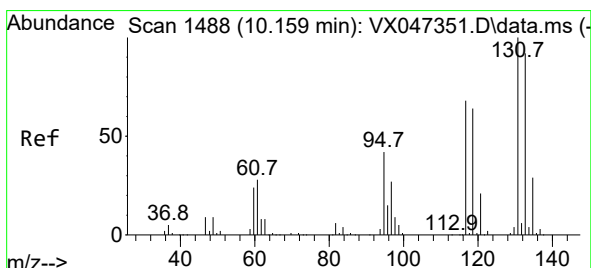
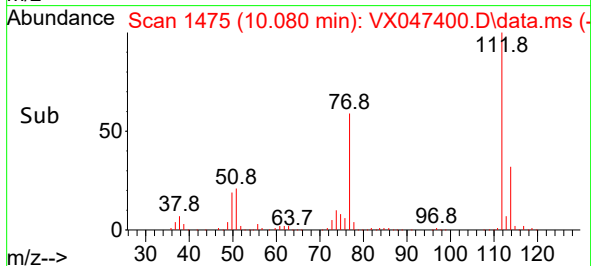
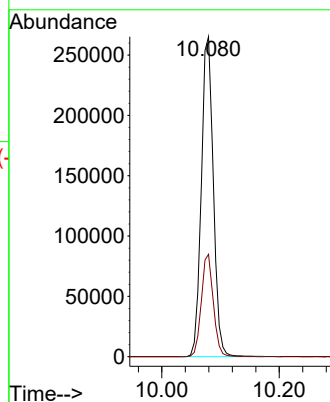
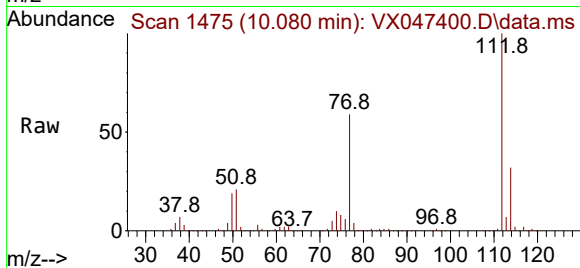




#65
Chlorobenzene
Concen: 47.476 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

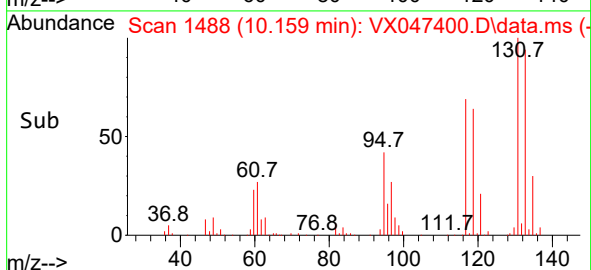
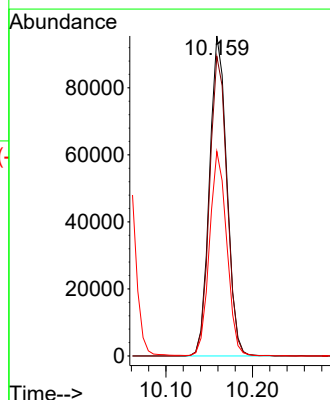
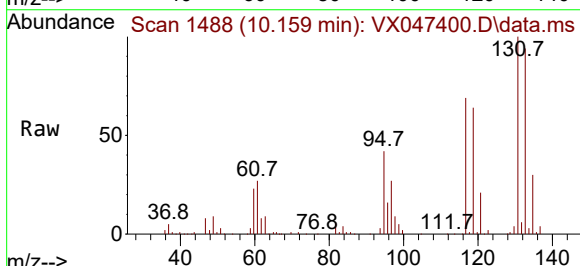
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

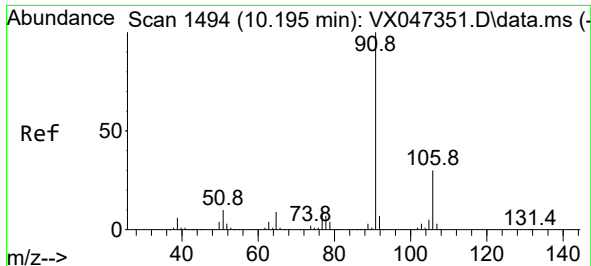
Tgt Ion:112 Resp: 376884
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.556 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion:131 Resp: 132983
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 63.7 32.3 96.8





#67

Ethyl Benzene

Concen: 47.006 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

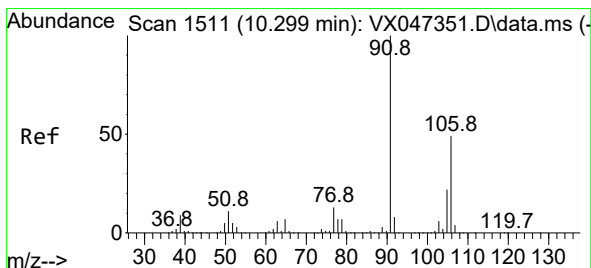
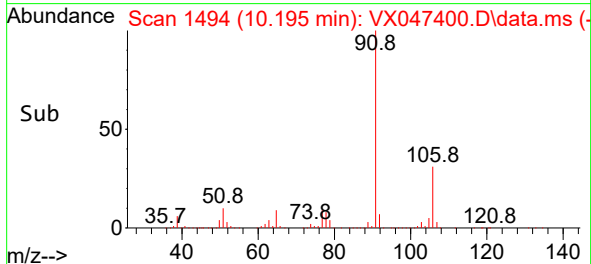
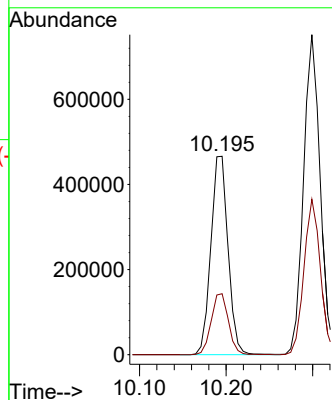
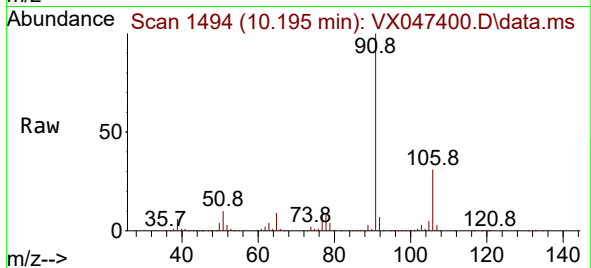
VSTDCCC050

Tgt Ion: 91 Resp: 642247

Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



#68

m/p-Xylenes

Concen: 95.157 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047400.D

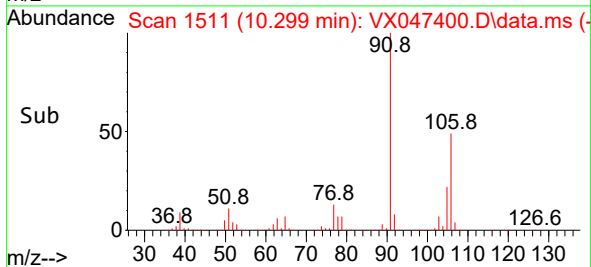
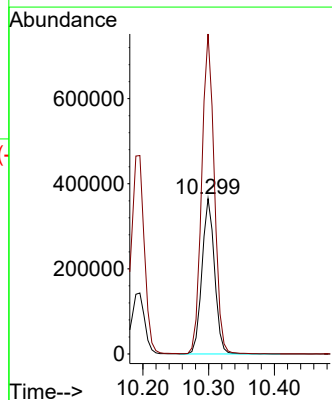
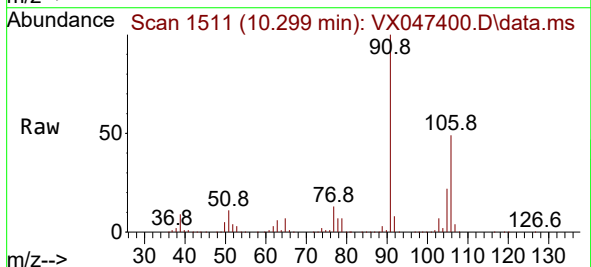
Acq: 19 Aug 2025 09:37

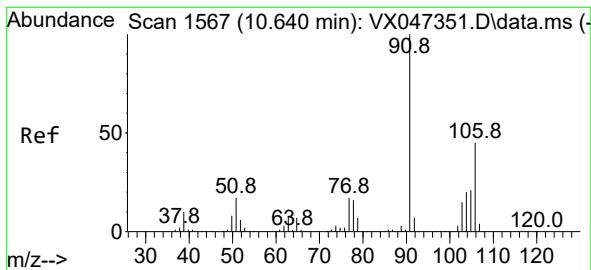
Tgt Ion: 106 Resp: 484787

Ion Ratio Lower Upper

106 100

91 206.5 164.7 247.1





#69

o-Xylene

Concen: 47.570 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

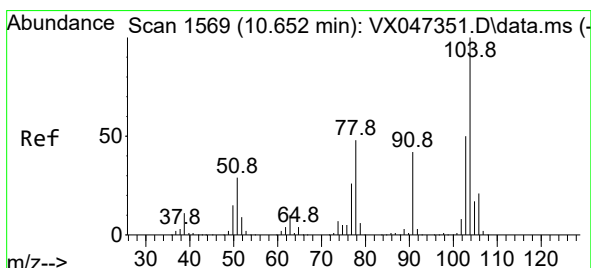
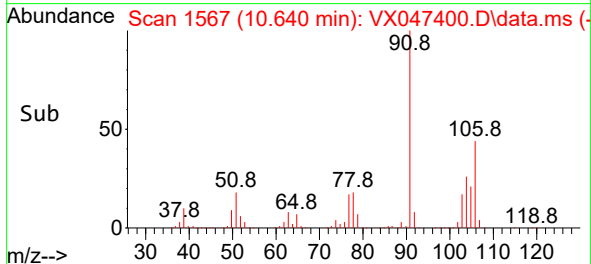
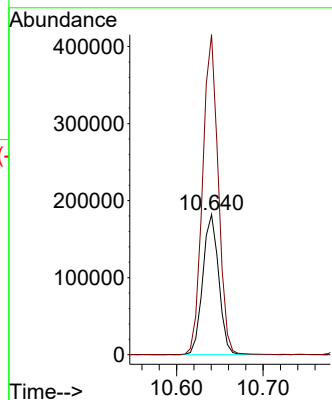
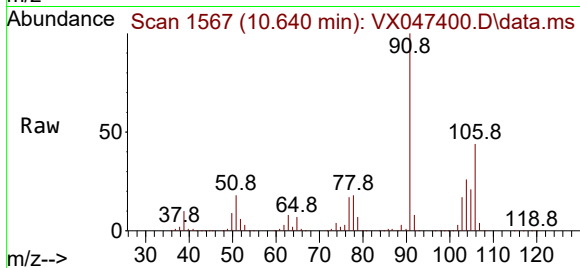
VSTDCCC050

Tgt Ion:106 Resp: 233222

Ion Ratio Lower Upper

106 100

91 223.5 110.6 331.8



#70

Styrene

Concen: 50.426 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

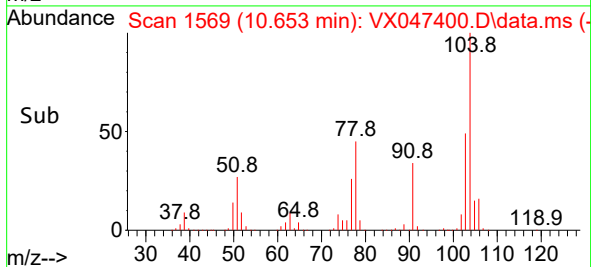
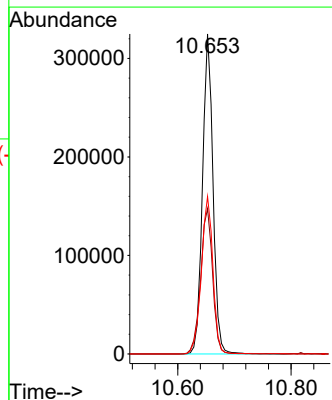
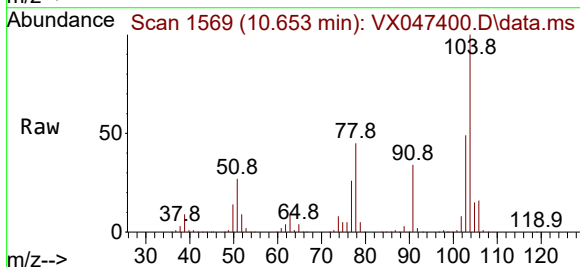
Tgt Ion:104 Resp: 417727

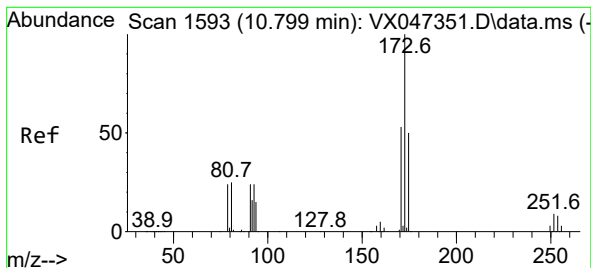
Ion Ratio Lower Upper

104 100

78 52.0 41.8 62.8

103 54.4 43.6 65.4





#71

Bromoform

Concen: 52.336 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

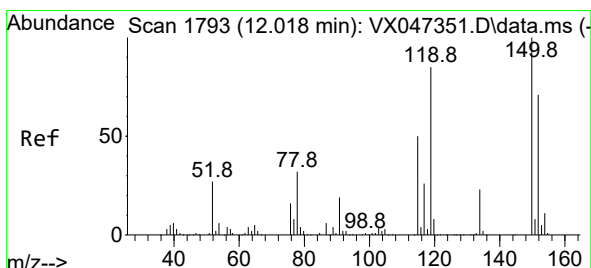
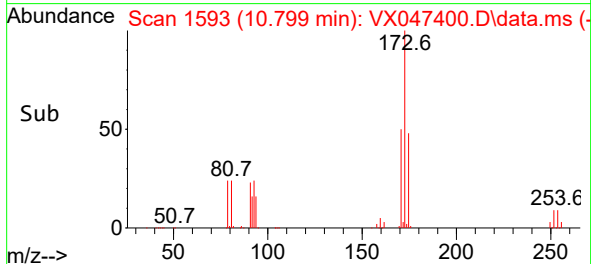
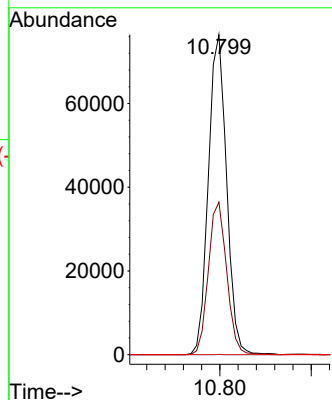
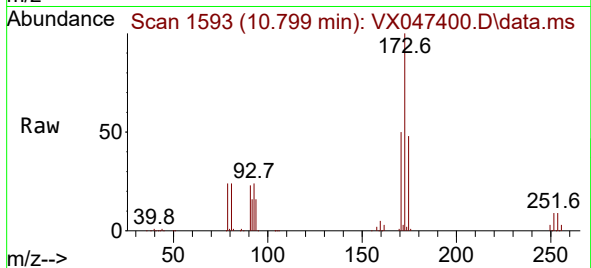
Tgt Ion:173 Resp: 105509

Ion Ratio Lower Upper

173 100

175 48.0 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

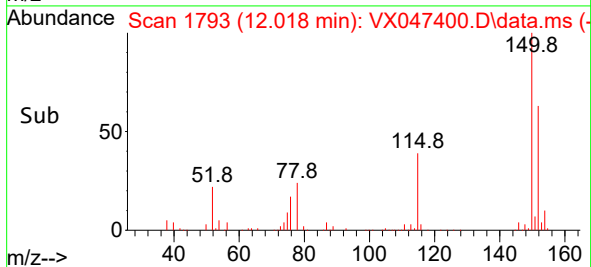
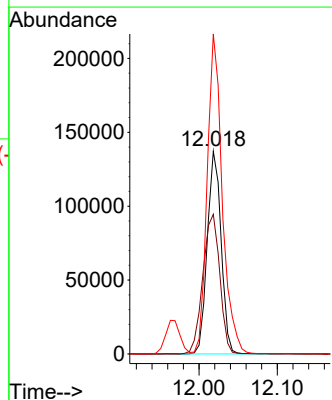
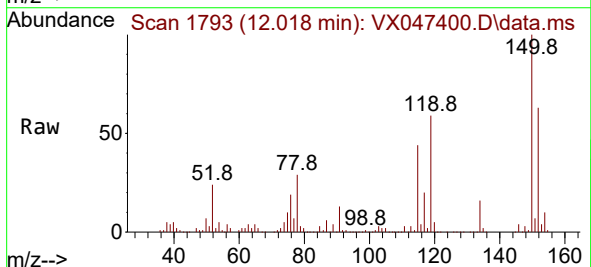
Tgt Ion:152 Resp: 167955

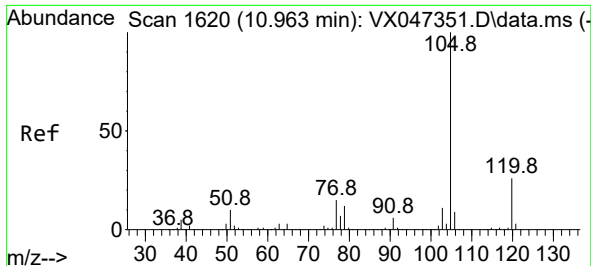
Ion Ratio Lower Upper

152 100

115 84.5 44.6 133.8

150 171.4 0.0 349.8

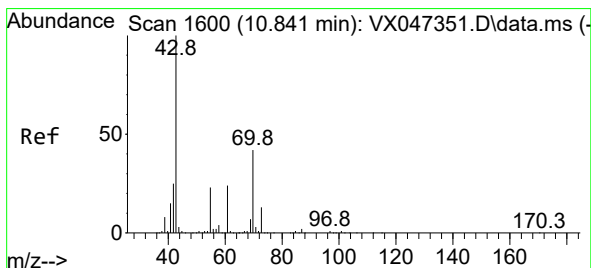
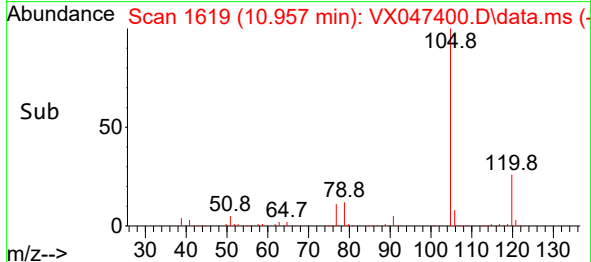
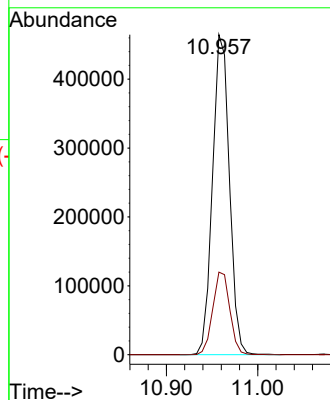
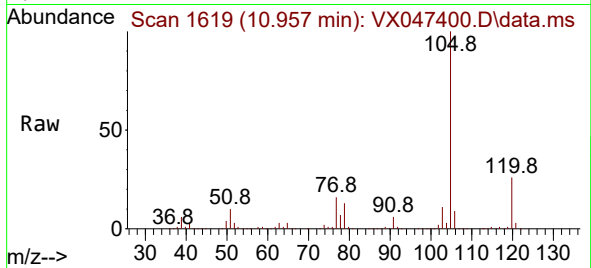




#73
Isopropylbenzene
Concen: 45.232 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

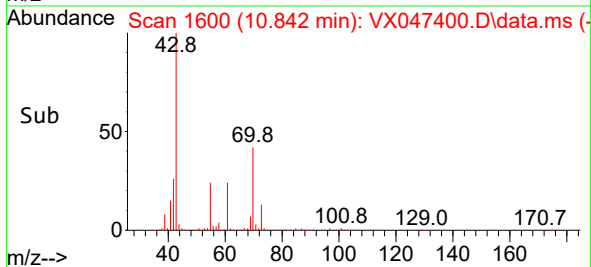
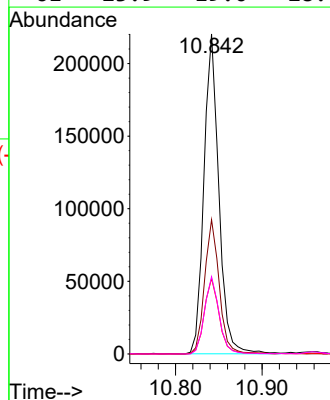
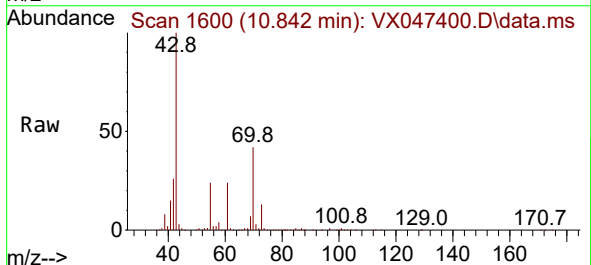
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

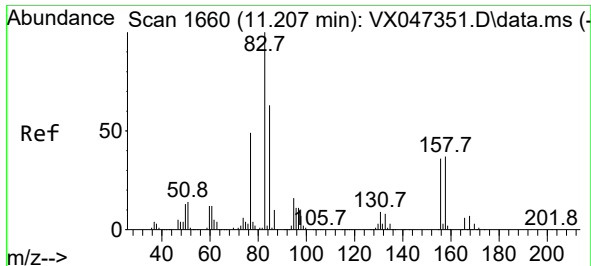
Tgt Ion:105 Resp: 594503
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6



#74
N-ethyl acetate
Concen: 52.861 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 43 Resp: 263829
Ion Ratio Lower Upper
43 100
70 41.4 33.1 49.7
55 23.7 19.0 28.6
61 23.9 19.0 28.6

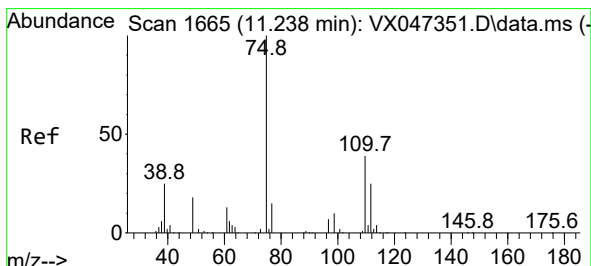
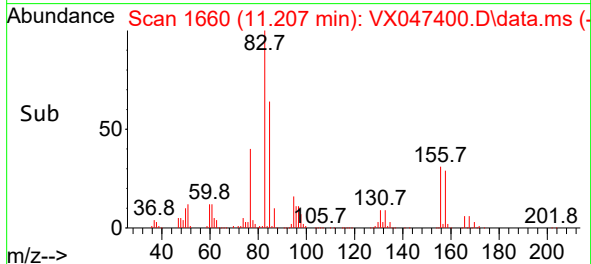
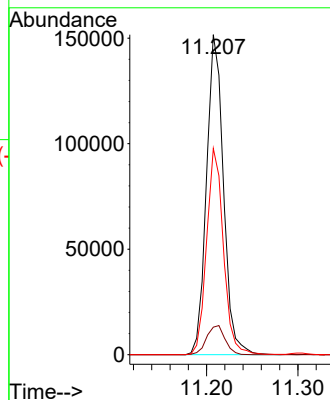
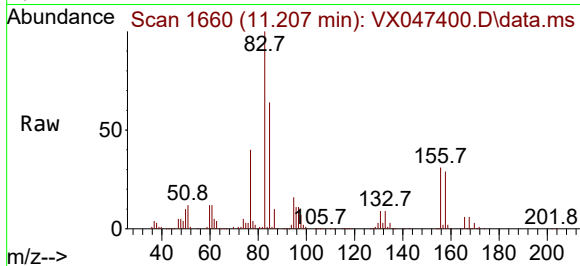




#75
1,1,2,2-Tetrachloroethane
Concen: 50.522 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

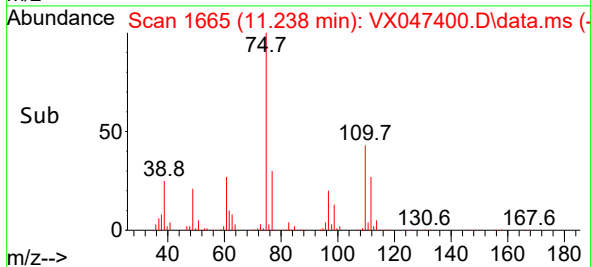
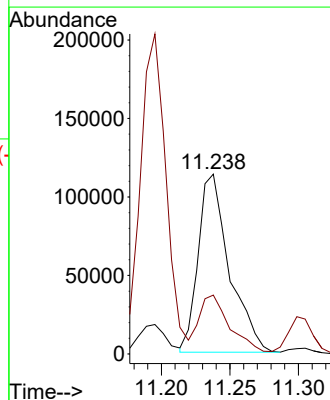
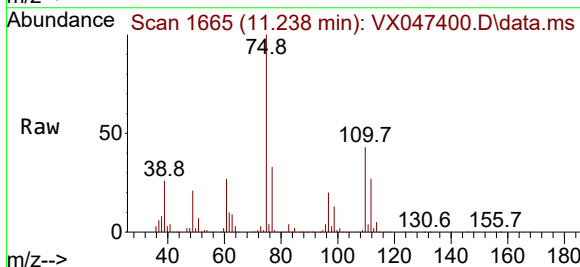
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

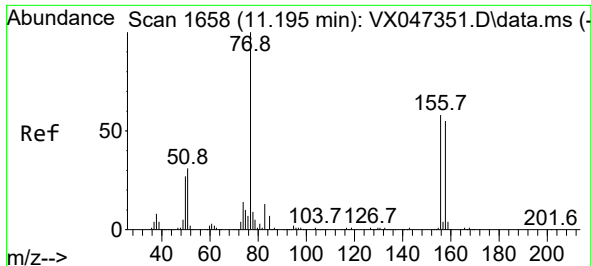
Tgt Ion: 83 Resp: 194960
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.9 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 58.400 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 75 Resp: 179899
Ion Ratio Lower Upper
75 100
77 33.3 19.4 58.2

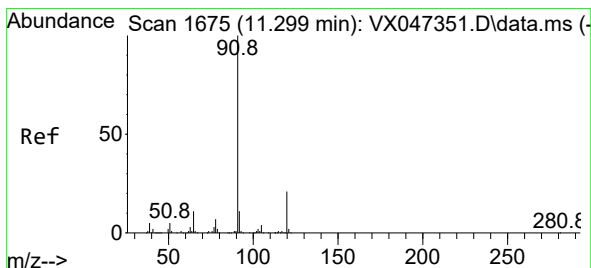
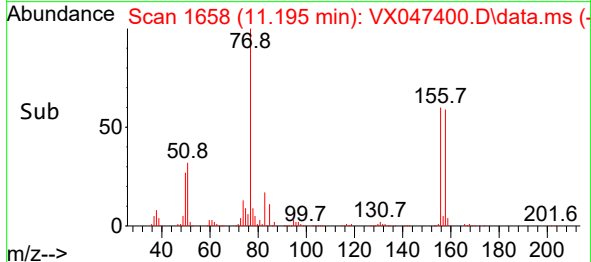
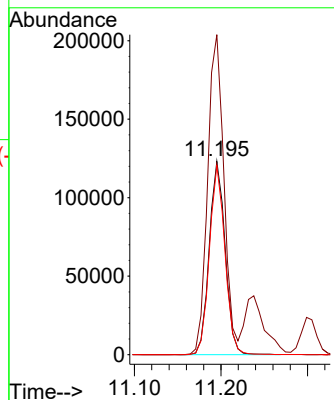
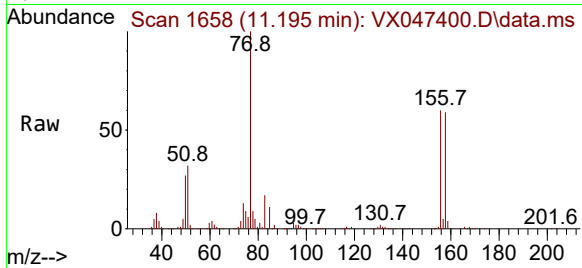




#77
Bromobenzene
Concen: 48.962 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

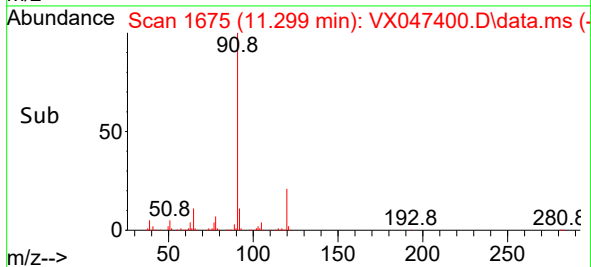
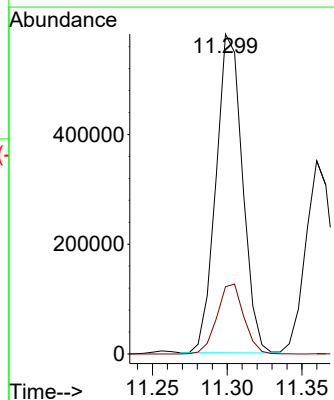
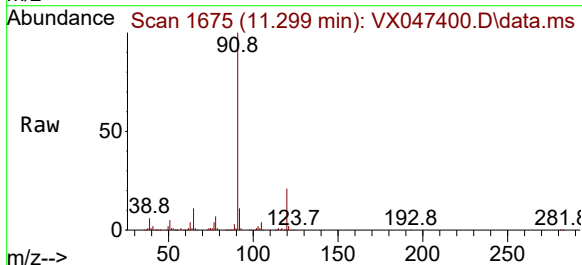
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

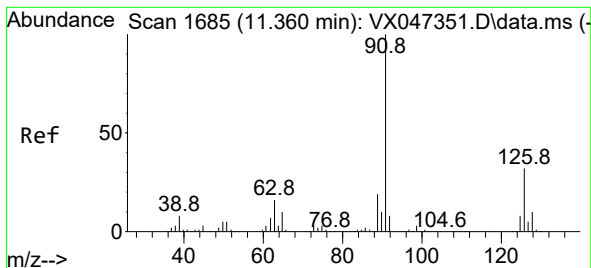
Tgt Ion:156 Resp: 157141
Ion Ratio Lower Upper
156 100
77 169.6 86.3 258.9
158 95.7 48.0 144.2



#78
n-propylbenzene
Concen: 45.715 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 91 Resp: 717602
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 46.220 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

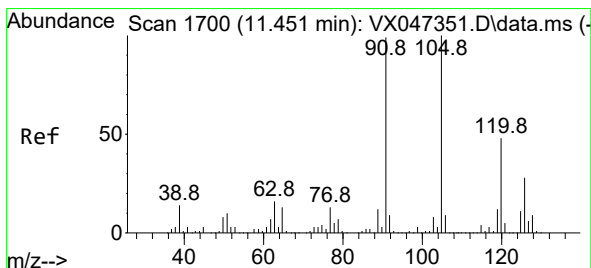
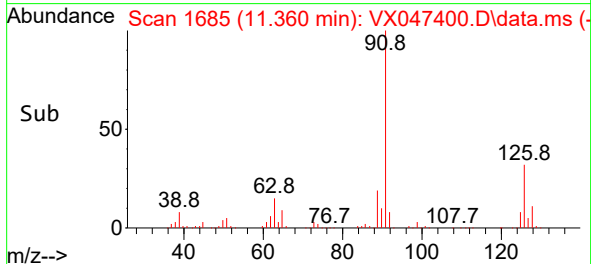
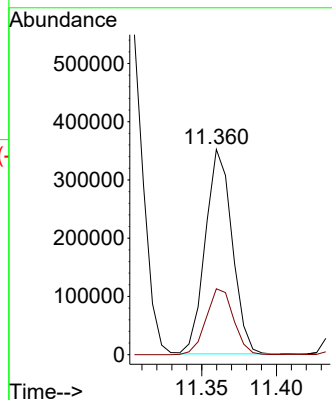
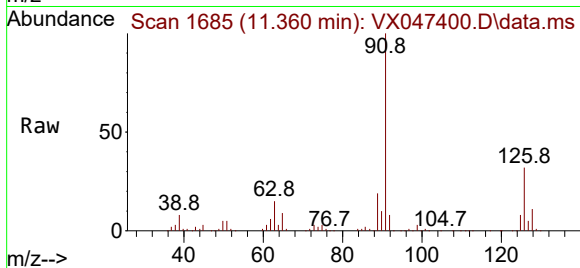
VSTDCCC050

Tgt Ion: 91 Resp: 438581

Ion Ratio Lower Upper

91 100

126 32.9 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 46.784 ug/l

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX047400.D

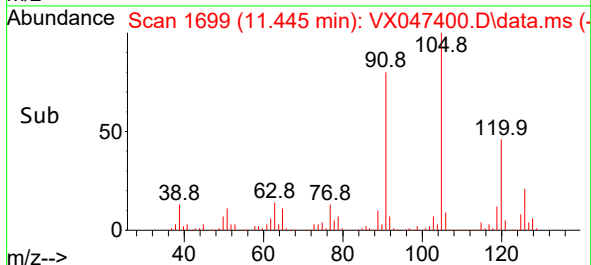
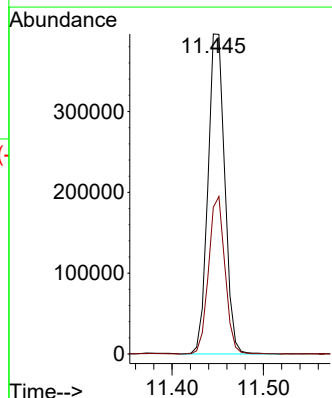
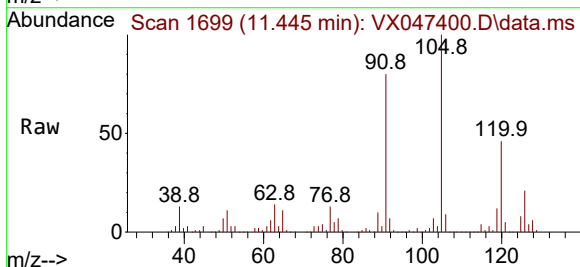
Acq: 19 Aug 2025 09:37

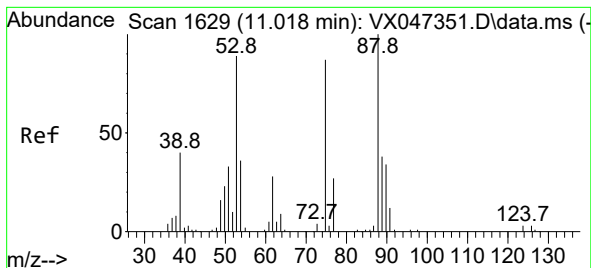
Tgt Ion: 105 Resp: 505924

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.7

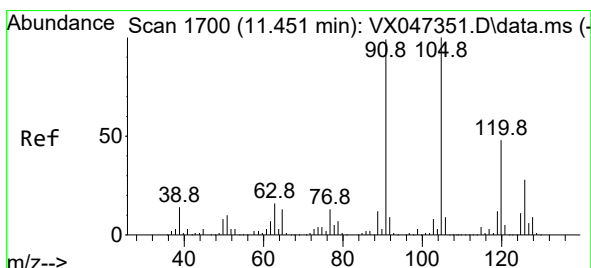
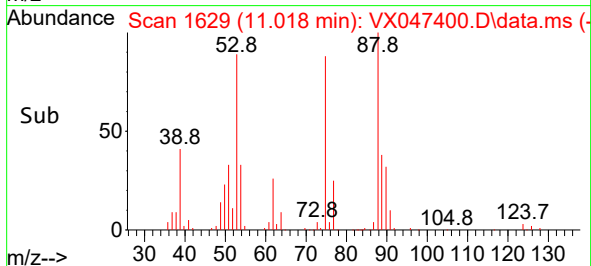
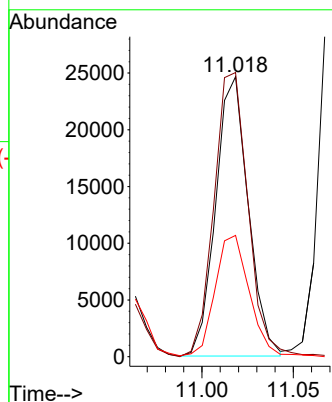
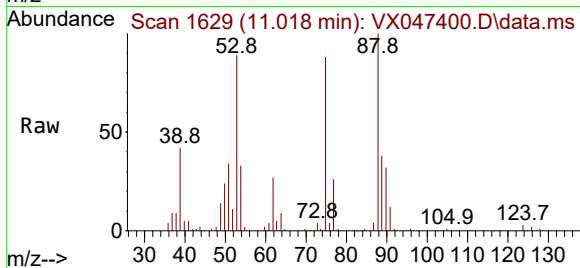




#81
trans-1,4-Dichloro-2-butene
Concen: 44.250 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

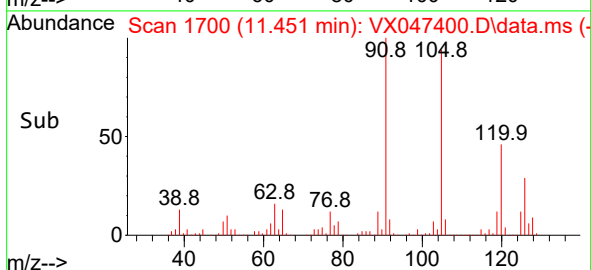
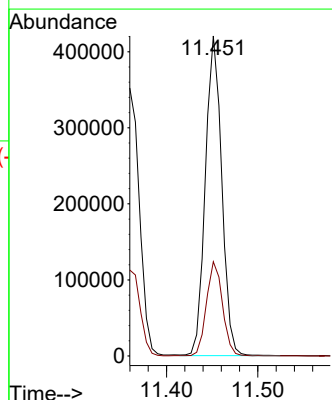
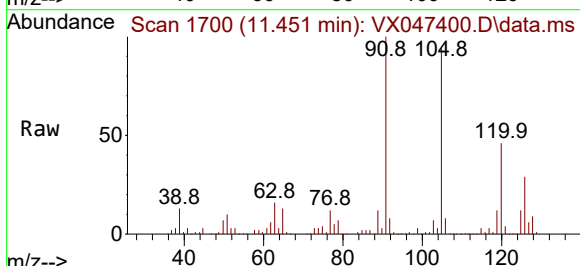
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

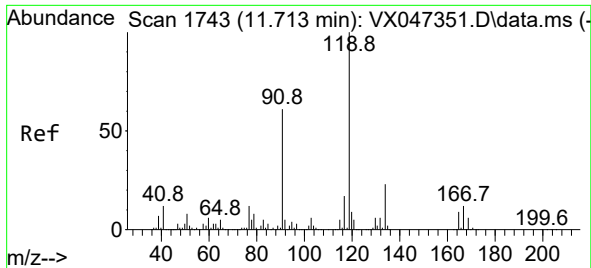
Tgt Ion: 75 Resp: 30598
Ion Ratio Lower Upper
75 100
53 107.2 85.2 127.8
89 45.9 36.7 55.1



#82
4-Chlorotoluene
Concen: 46.620 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 91 Resp: 521477
Ion Ratio Lower Upper
91 100
126 28.9 14.4 43.0

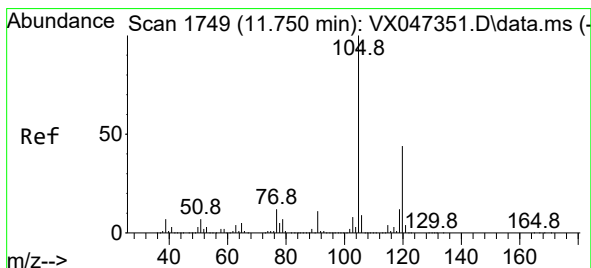
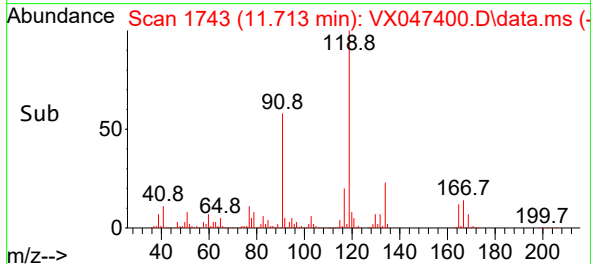
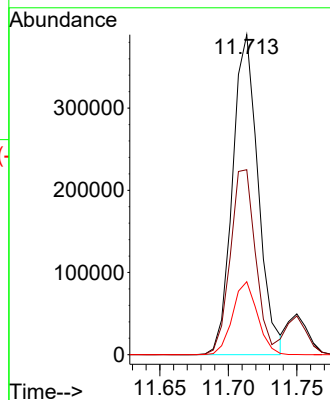
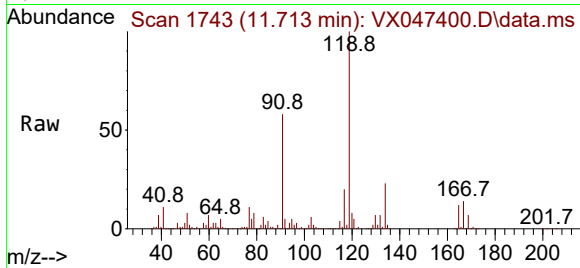




#83
tert-Butylbenzene
Concen: 47.081 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

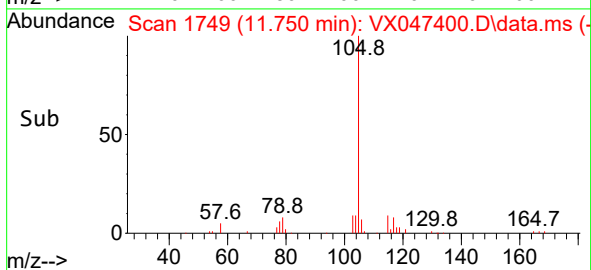
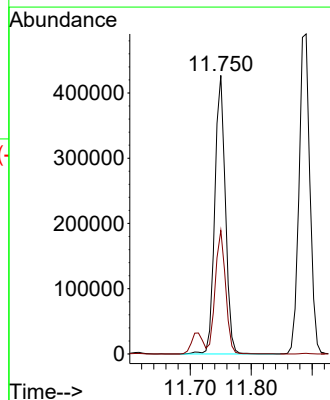
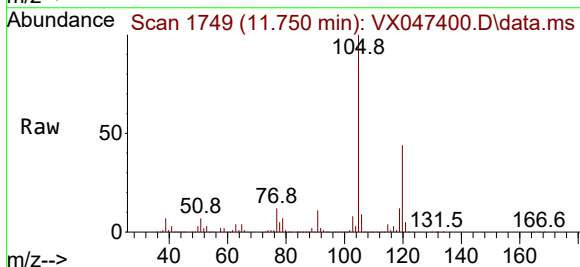
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

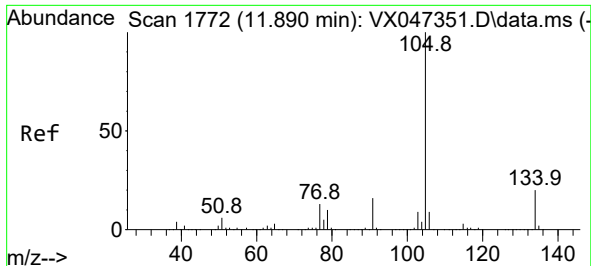
Tgt Ion:119 Resp: 507953
Ion Ratio Lower Upper
119 100
91 56.8 29.1 87.4
134 22.2 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 47.529 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion:105 Resp: 513998
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.7

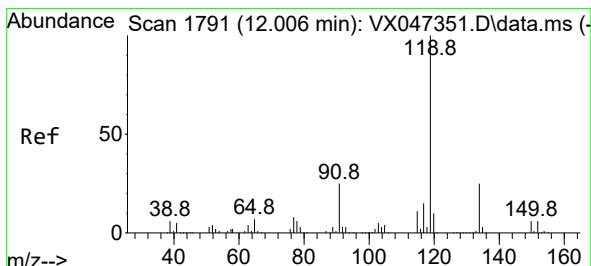
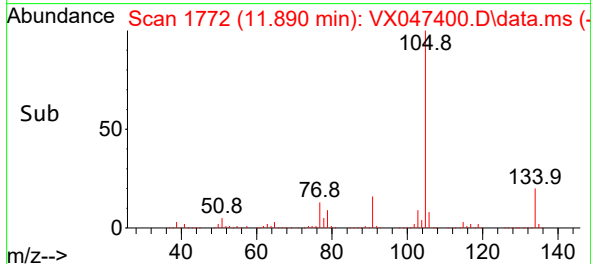
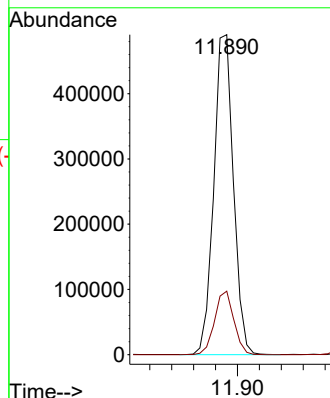
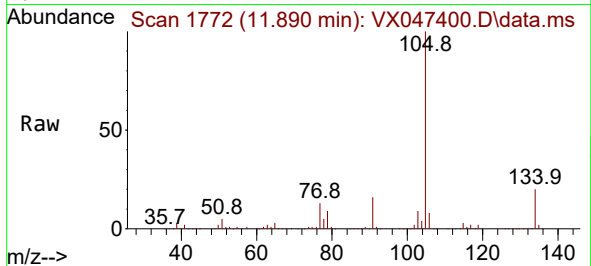




#85
 sec-Butylbenzene
 Concen: 45.552 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047400.D
 Acq: 19 Aug 2025 09:37

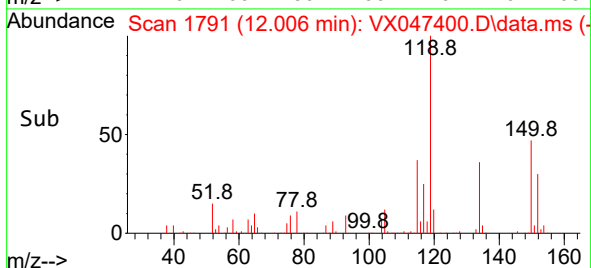
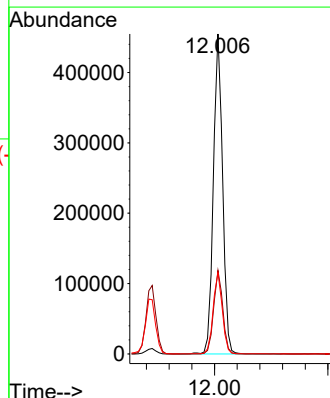
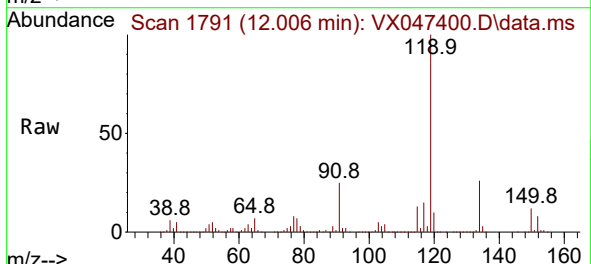
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

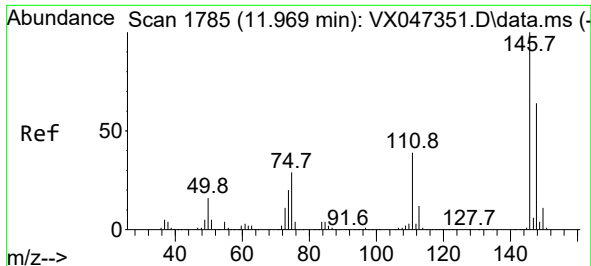
Tgt Ion:105 Resp: 609145
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 45.458 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047400.D
 Acq: 19 Aug 2025 09:37

Tgt Ion:119 Resp: 514402
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 25.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.630 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

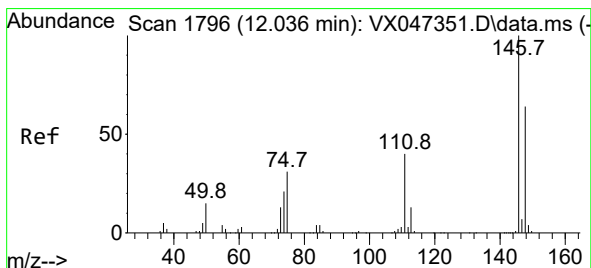
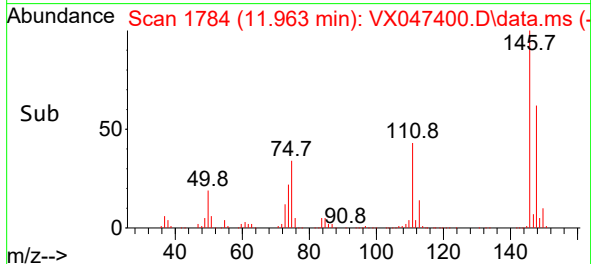
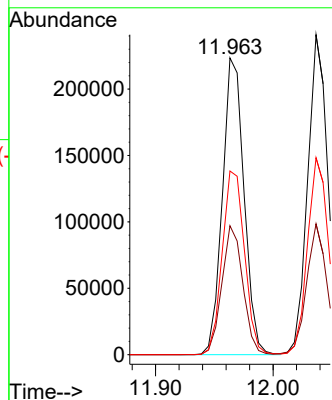
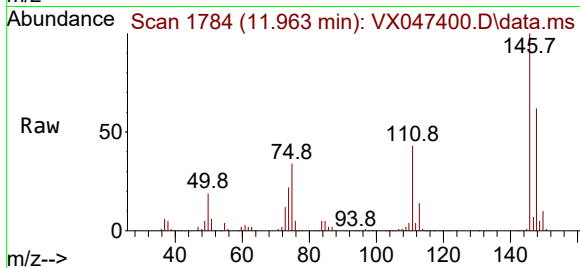
Tgt Ion:146 Resp: 285904

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.8

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.253 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

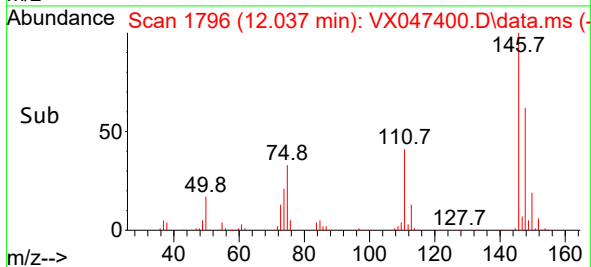
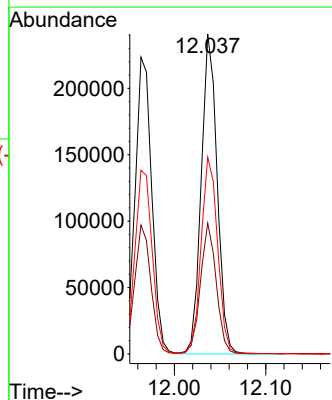
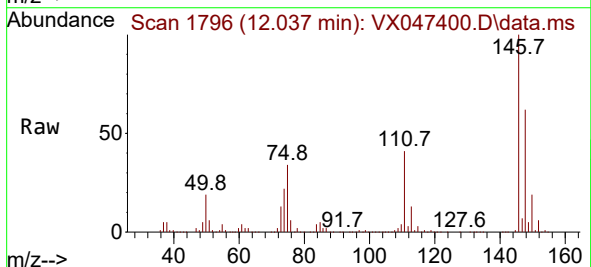
Tgt Ion:146 Resp: 291680

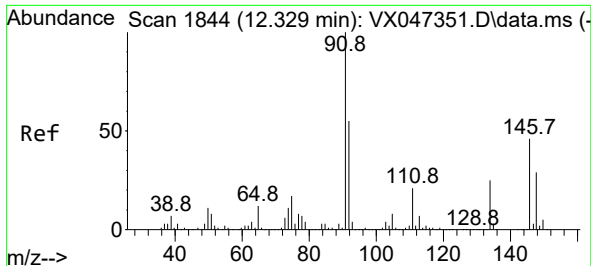
Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.2

148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 45.672 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

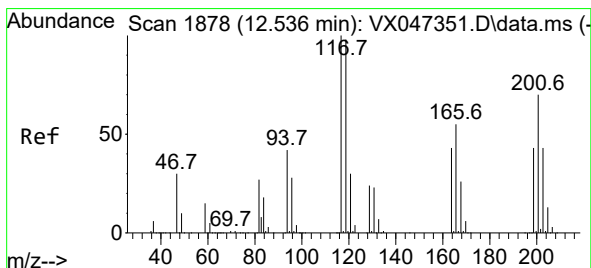
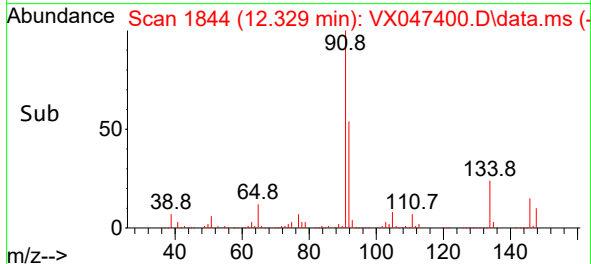
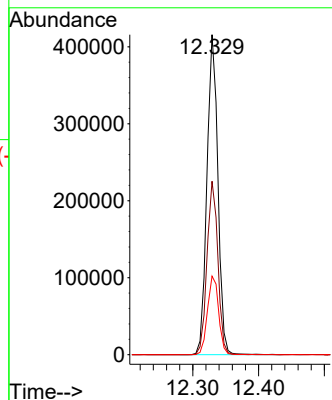
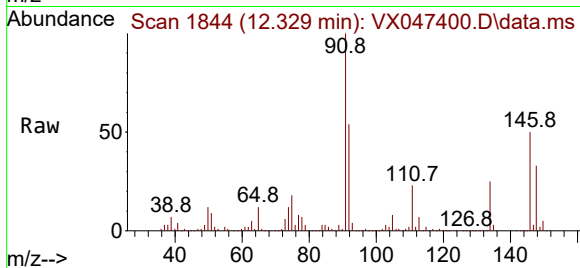
Tgt Ion: 91 Resp: 480705

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.5

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 46.201 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047400.D

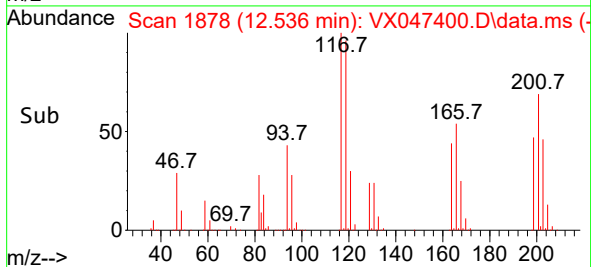
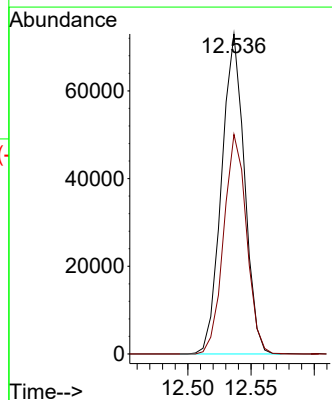
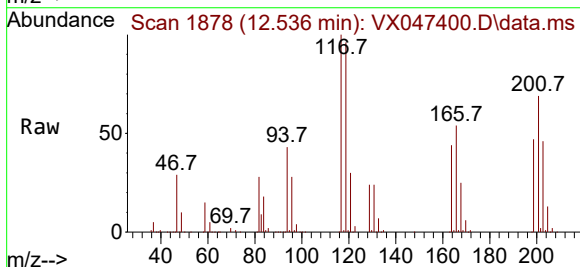
Acq: 19 Aug 2025 09:37

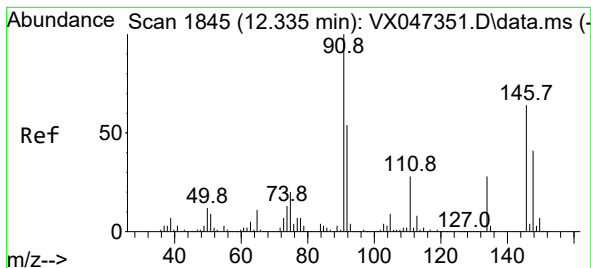
Tgt Ion: 117 Resp: 91716

Ion Ratio Lower Upper

117 100

201 68.6 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 47.938 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

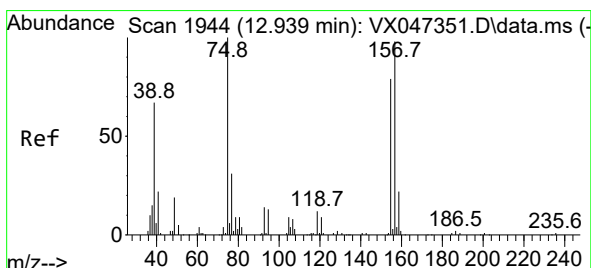
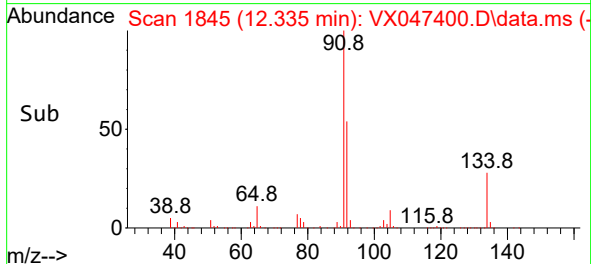
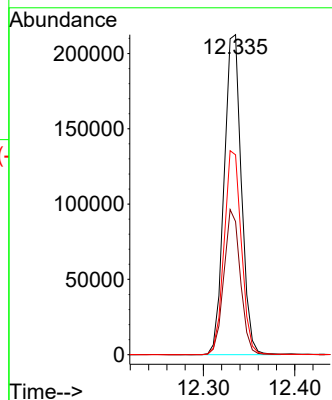
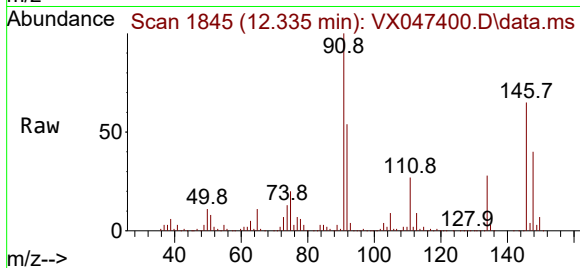
Tgt Ion:146 Resp: 278982

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.1

148 63.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.925 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

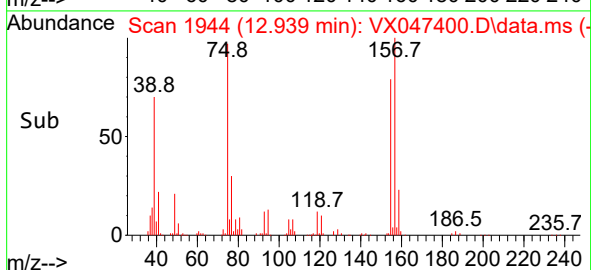
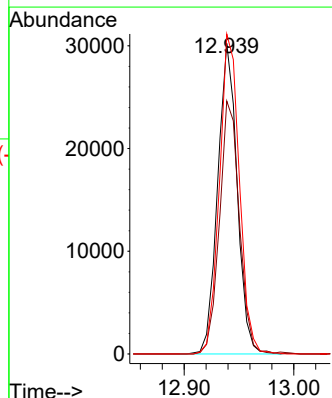
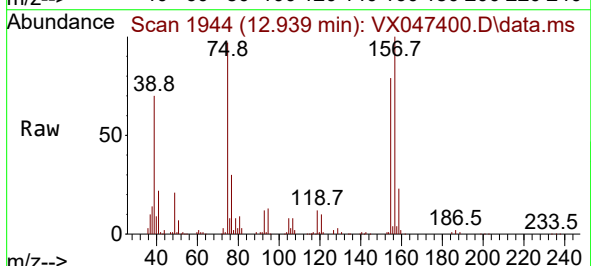
Tgt Ion: 75 Resp: 37258

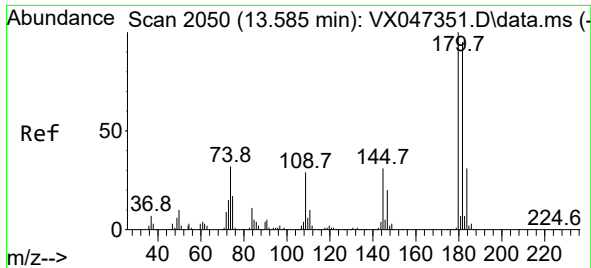
Ion Ratio Lower Upper

75 100

155 83.1 41.3 123.7

157 105.7 51.5 154.5

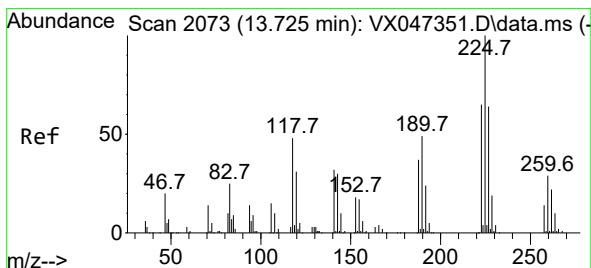
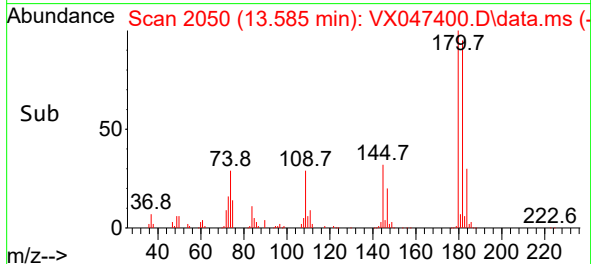
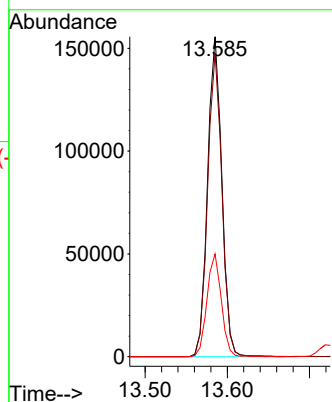
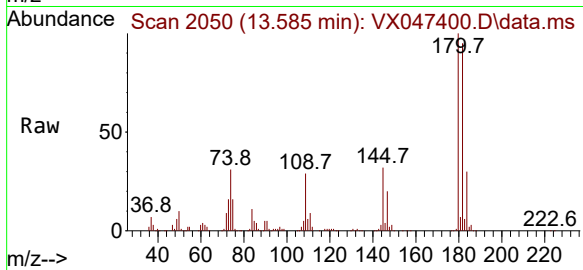




#93
1,2,4-Trichlorobenzene
Concen: 48.028 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

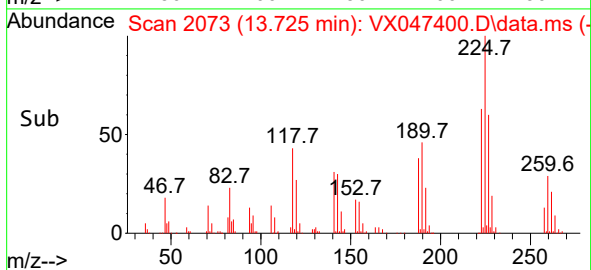
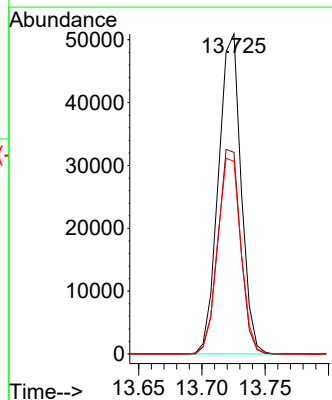
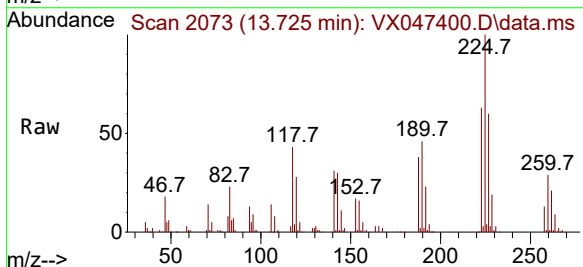
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

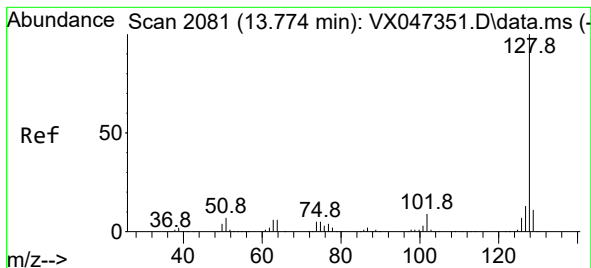
Tgt Ion:180 Resp: 187378
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.4
145 32.4 16.2 48.5



#94
Hexachlorobutadiene
Concen: 45.633 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion:225 Resp: 63372
Ion Ratio Lower Upper
225 100
223 63.8 32.2 96.6
227 63.3 31.6 95.0





#95

Naphthalene

Concen: 51.217 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

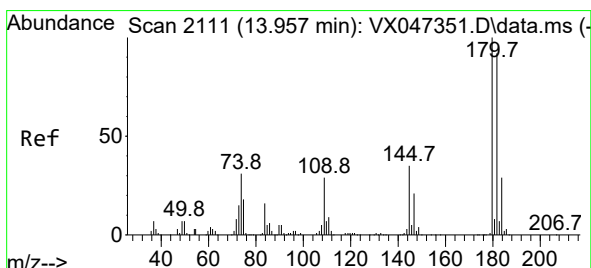
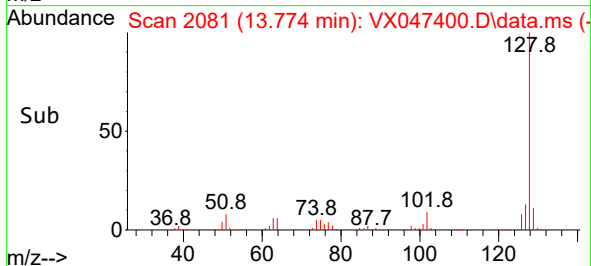
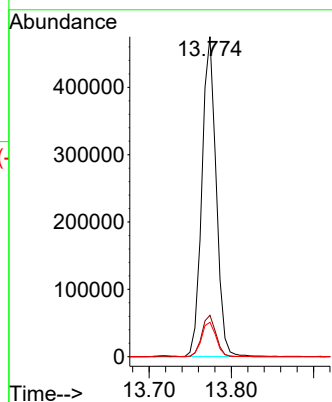
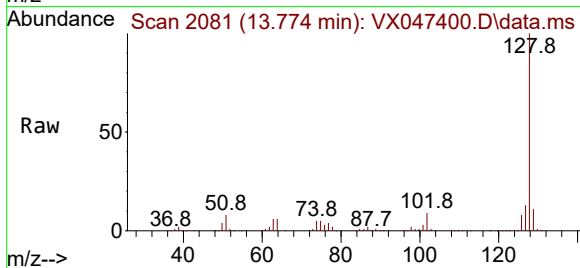
Tgt Ion:128 Resp: 571033

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.242 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Tgt Ion:180 Resp: 181090

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.2

145 34.6 17.4 52.2

