

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042300.D
 Acq On : 12 Jul 2024 14:16
 Operator : JC/MD
 Sample : P3219-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 03:26:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	25853	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	144115	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	129897	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	52961	29.758	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.200%
60) 4-Bromofluorobenzene	11.079	95	55776	27.740	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.467%
63) Toluene-d8	8.647	98	159495	28.699	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	421	0.252	ug/l #	43
5) Bromomethane	1.599	94	329	0.336	ug/l #	65
6) Chloroethane	1.666	64	749	0.958	ug/l #	77
8) Diethyl Ether	2.136	74	14705	14.748	ug/l	96
12) Methyl Acetate	2.703	43	1069	0.531	ug/l	97
13) Acrolein	2.520	56	232	0.571	ug/l #	15
14) Acrylonitrile	2.971	53	1407	1.472	ug/l #	47
15) Acetone	2.386	58	4019	14.694	ug/l	82
17) Allyl chloride	2.654	41	1520	0.633	ug/l #	43
18) Methylene Chloride	2.794	84	453	0.250	ug/l #	62
23) tert-Butyl Alcohol	2.977	59	137576	387.035	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	2866	0.586	ug/l #	75
31) 2,2-Dichloropropane	4.593	77	11633	5.644	ug/l #	50
34) Benzene	6.038	78	13756	2.195	ug/l	98
35) Methacrylonitrile	5.007	41	94381	74.765	ug/l #	45
44) Isopropyl Acetate	6.355	43	1074	0.304	ug/l #	54
45) 1,4-Dioxane	7.671	88	9332	216.908	ug/l	89
51) Ethyl methacrylate	9.567	69	701	0.275	ug/l	85
58) 4-Methyl-2-Pentanone	8.555	43	2195	0.943	ug/l #	58
59) 2-Hexanone	9.458	43	460	0.256	ug/l #	1
62) Toluene	8.720	91	7312	1.112	ug/l	99
64) Chlorobenzene	10.079	112	54099	12.086	ug/l	97
66) Ethyl Benzene	10.195	91	51940	7.228	ug/l	98
67) m/p-Xylenes	10.299	106	8955	3.098	ug/l	97
68) o-Xylene	10.640	106	10577	3.670	ug/l	99
69) Styrene	10.646	104	1257	0.261	ug/l #	1
70) Isopropylbenzene	10.963	105	12758	1.761	ug/l	98
74) n-propylbenzene	11.305	91	6668	0.838	ug/l	97
75) 2-Chlorotoluene	11.366	91	3268	0.647	ug/l	92
76) 1,3,5-Trimethylbenzene	11.451	105	2374	0.391	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	453	0.603	ug/l #	7
78) 4-Chlorotoluene	11.366	91	3268	0.582	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	14509	2.392	ug/l	99
81) sec-Butylbenzene	11.890	105	1551	0.206	ug/l	94
82) p-Isopropyltoluene	12.012	119	1882	0.286	ug/l	89
84) 1,4-Dichlorobenzene	12.043	146	39562	10.546	ug/l	100
85) n-Butylbenzene	12.244	91	4969	0.976	ug/l	58
86) Hexachloroethane	12.530	117	313	0.291	ug/l #	1
87) 1,2-Dichlorobenzene	12.335	146	3057	0.802	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 15 03:26:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration

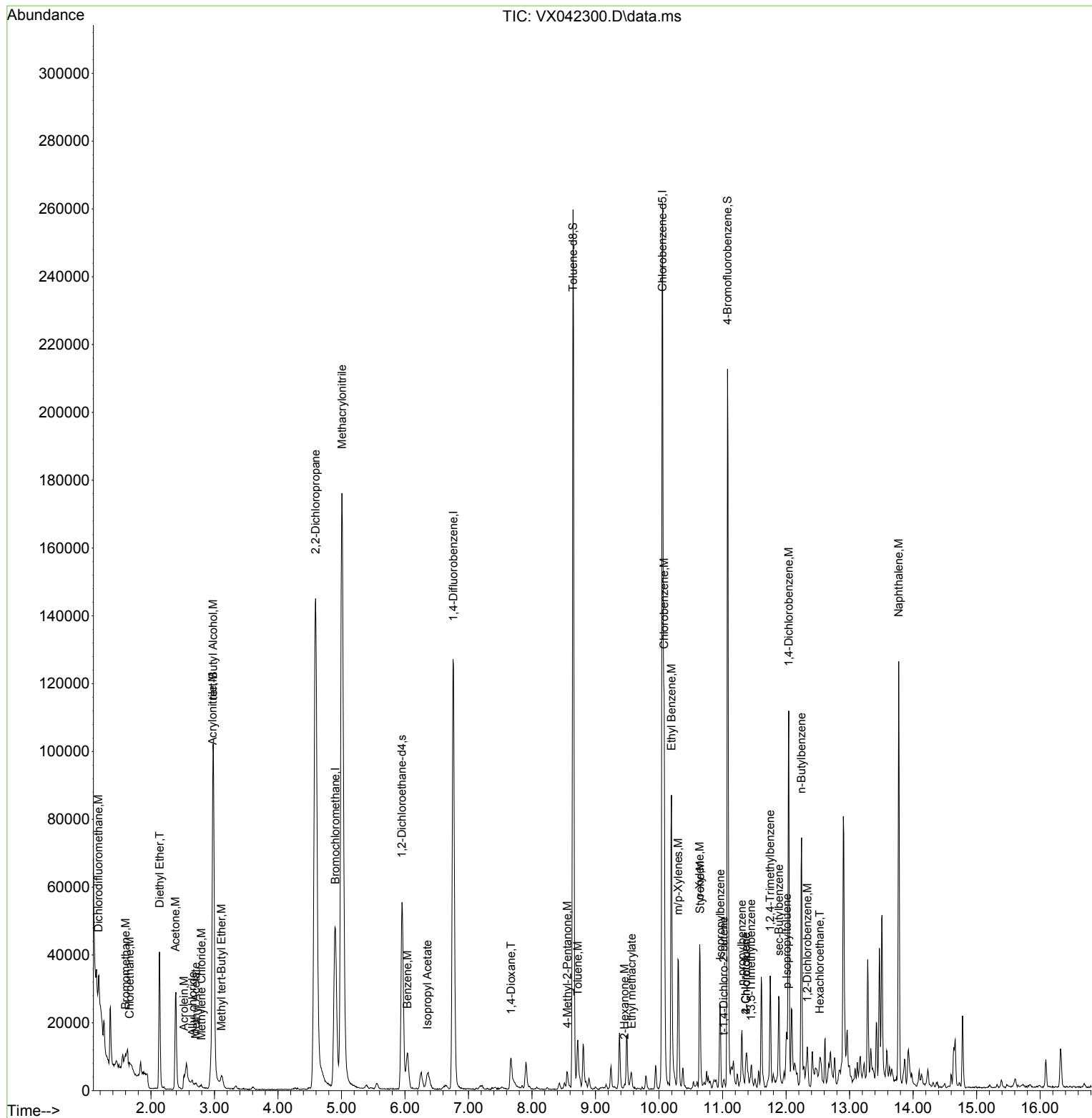
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	13.774	128	79078	10.144	ug/l	100

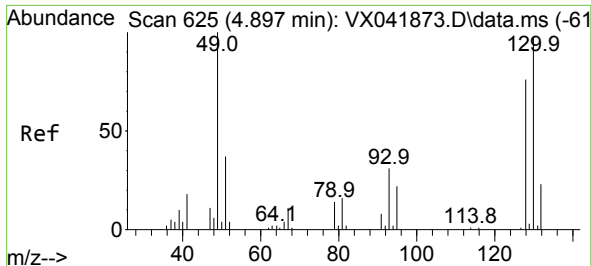
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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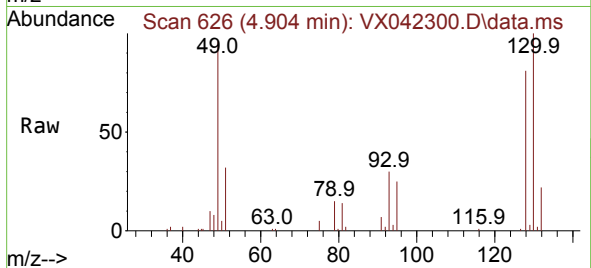
Quant Time: Jul 15 03:26:46 2024
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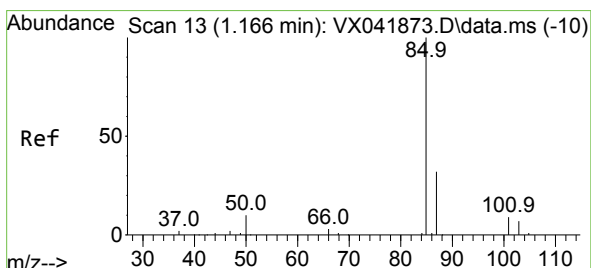
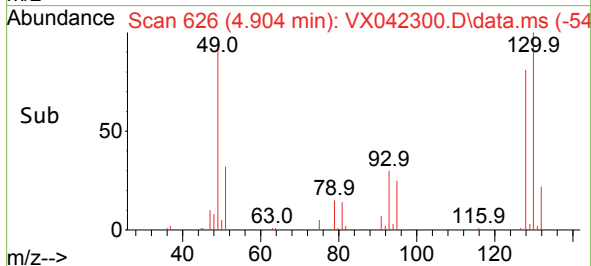
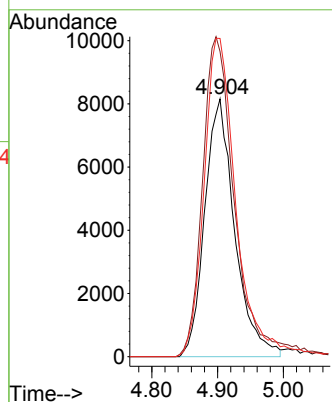


#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.904 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VX042300.D
 Acq: 12 Jul 2024 14:16

Instrument :
 MSVOA_X
 ClientSampleId :

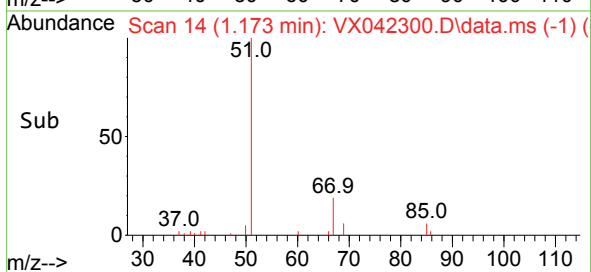
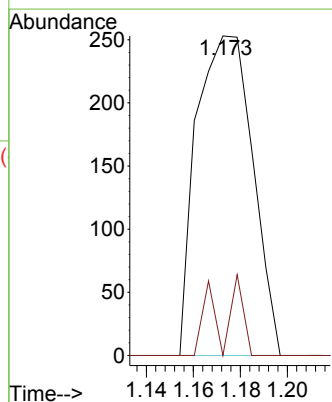
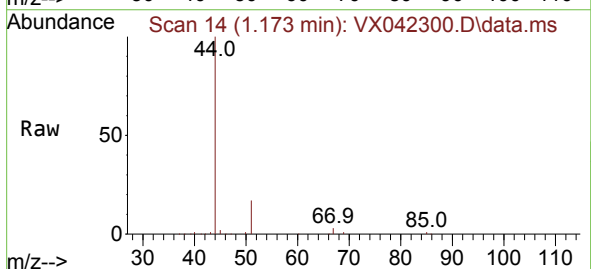


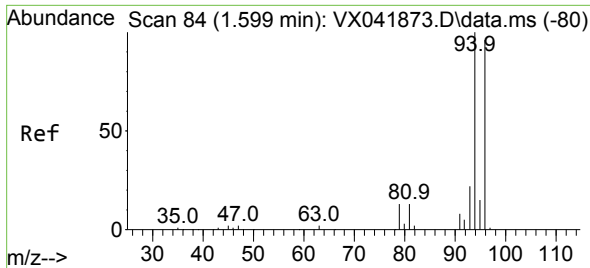
Tgt Ion:128 Resp: 25853
 Ion Ratio Lower Upper
 128 100
 49 131.5 0.0 338.5
 130 127.3 0.0 324.5



#2
 Dichlorodifluoromethane
 Concen: 0.252 ug/l
 RT: 1.173 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: VX042300.D
 Acq: 12 Jul 2024 14:16

Tgt Ion: 85 Resp: 421
 Ion Ratio Lower Upper
 85 100
 87 0.0 15.8 47.3#

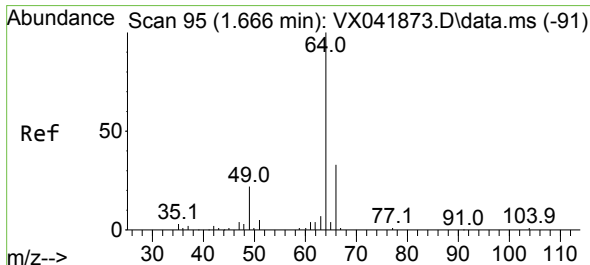
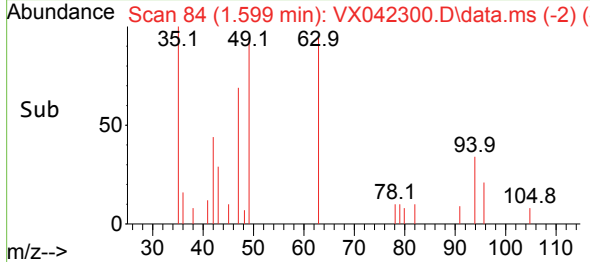
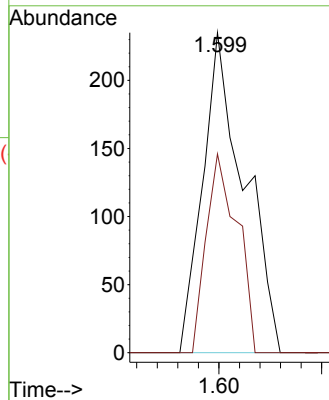
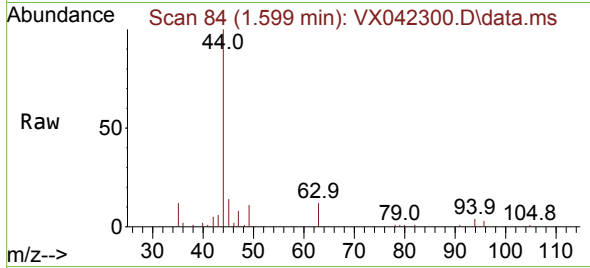




#5
Bromomethane
Concen: 0.336 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

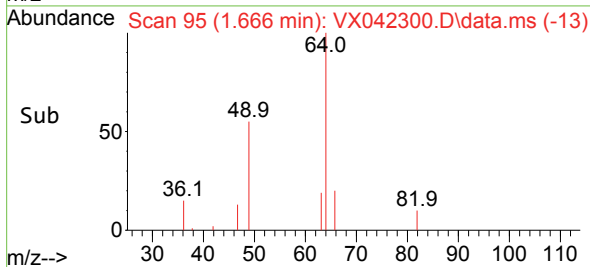
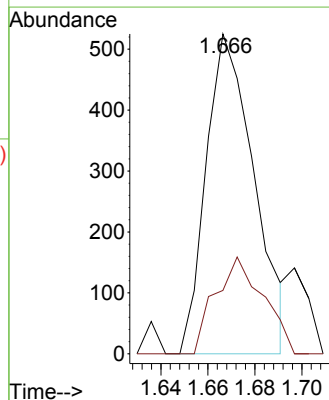
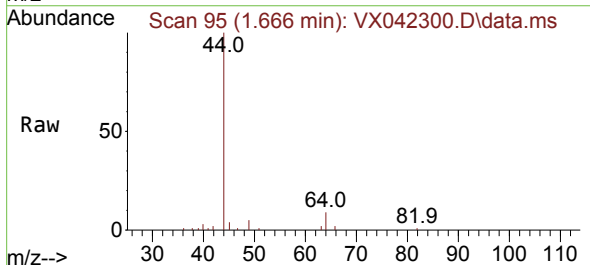
Instrument :
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ClientSampleId :

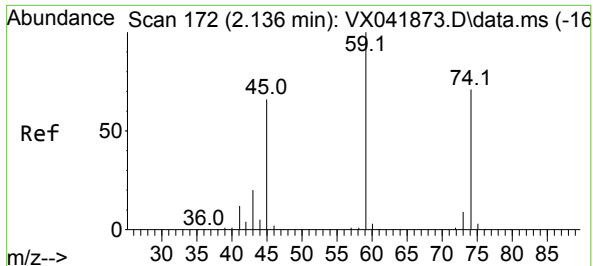
Tgt Ion: 94 Resp: 329
Ion Ratio Lower Upper
94 100
96 62.1 76.6 115.0#



#6
Chloroethane
Concen: 0.958 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

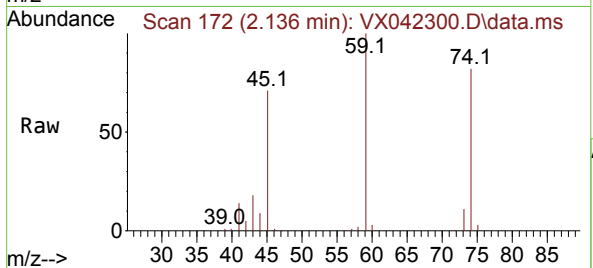
Tgt Ion: 64 Resp: 749
Ion Ratio Lower Upper
64 100
66 19.8 26.4 39.6#



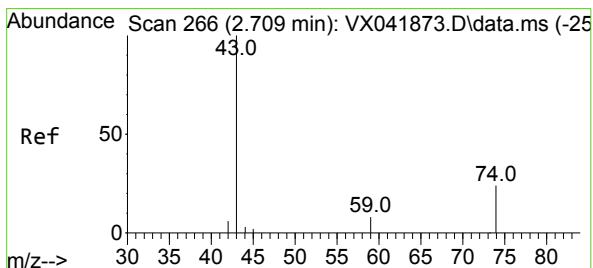
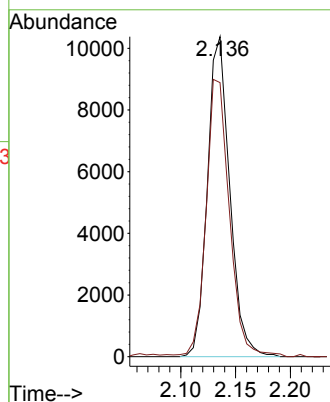
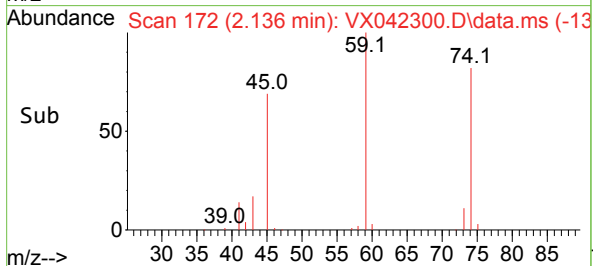


#8
Diethyl Ether
Concen: 14.748 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :

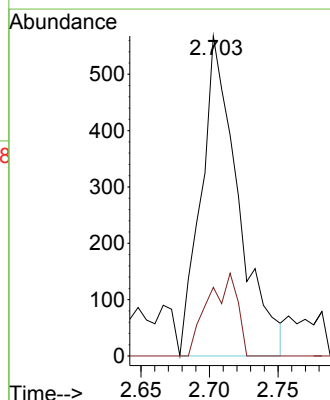
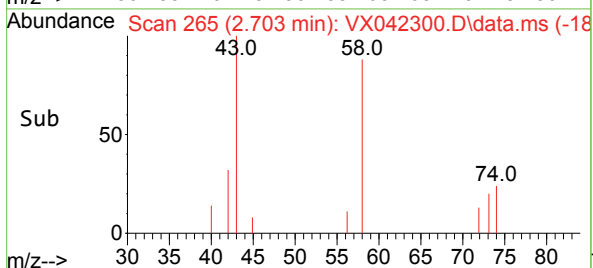
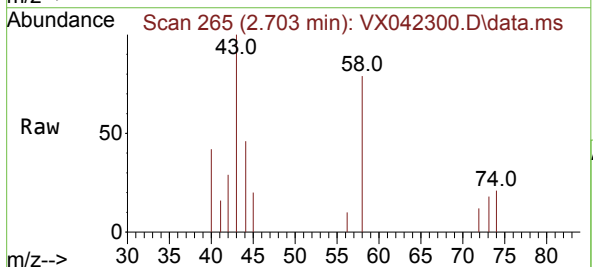


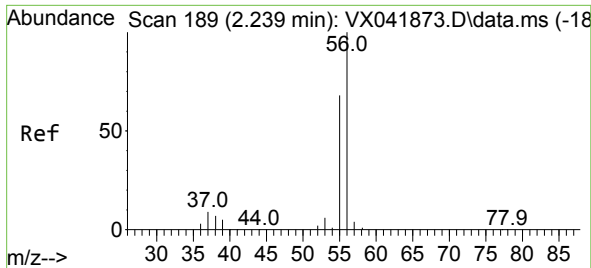
Tgt Ion: 74 Resp: 14705
Ion Ratio Lower Upper
74 100
45 90.3 18.7 168.7



#12
Methyl Acetate
Concen: 0.531 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





#13

Acrolein

Concen: 0.571 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.280 min

Lab File: VX042300.D

Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_X

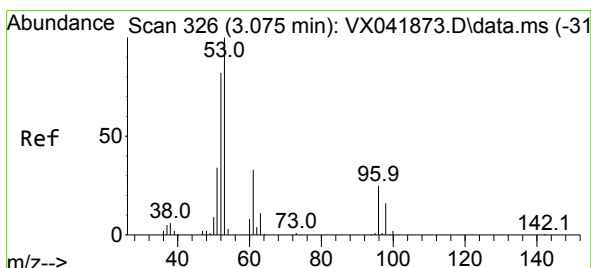
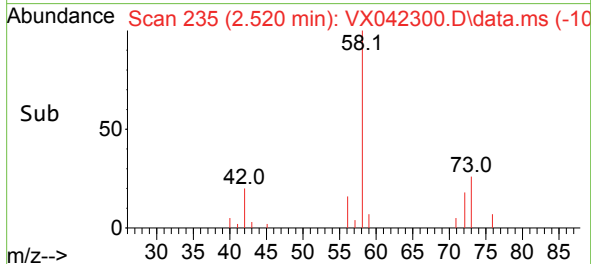
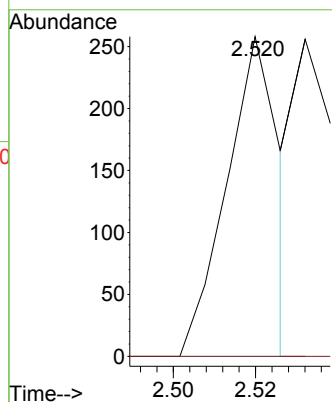
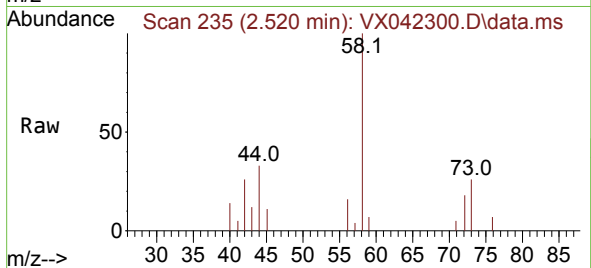
ClientSampleId :

Tgt Ion: 56 Resp: 232

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



#14

Acrylonitrile

Concen: 1.472 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.104 min

Lab File: VX042300.D

Acq: 12 Jul 2024 14:16

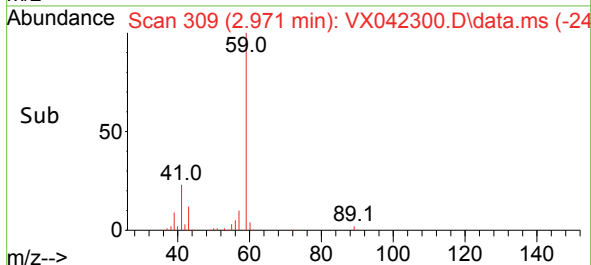
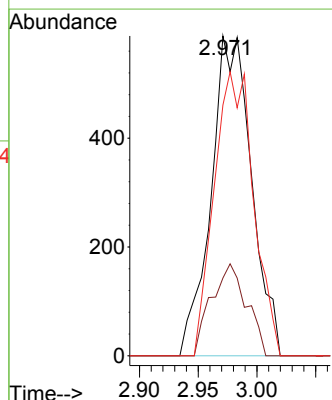
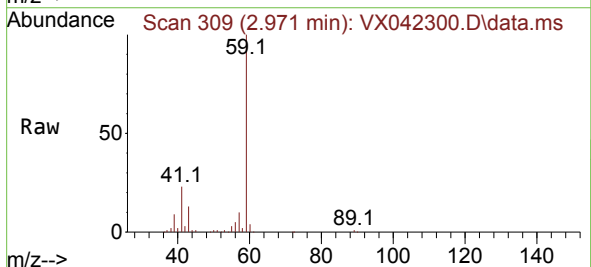
Tgt Ion: 53 Resp: 1407

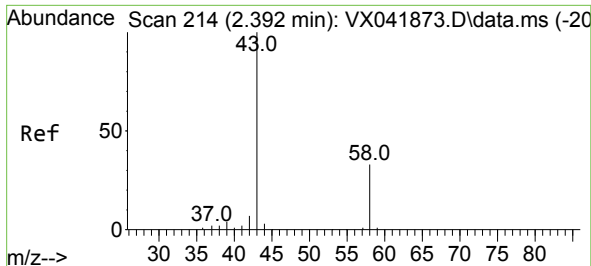
Ion Ratio Lower Upper

53 100

52 25.2 39.9 119.7#

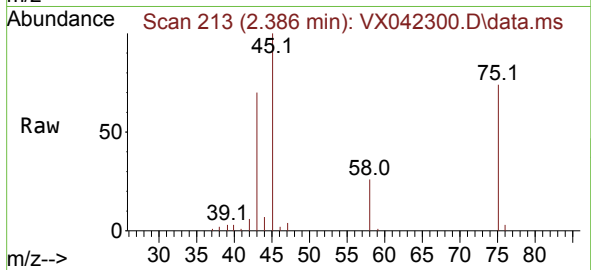
51 54.4 17.4 52.3#



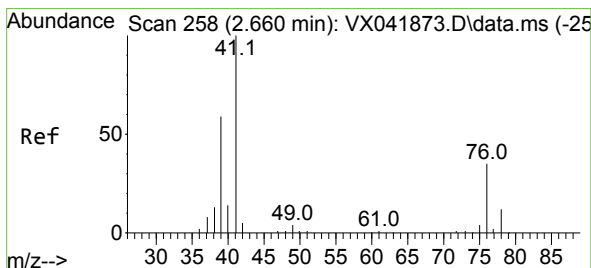
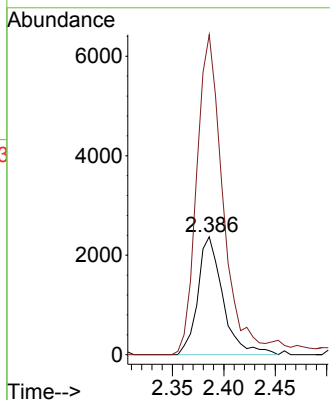
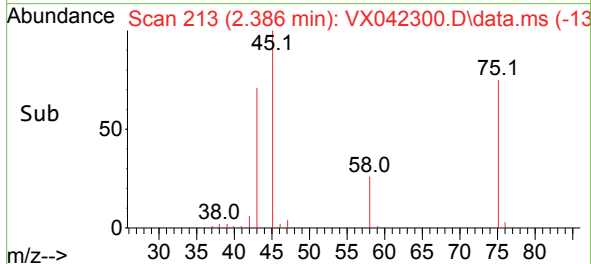


#15
Acetone
Concen: 14.694 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

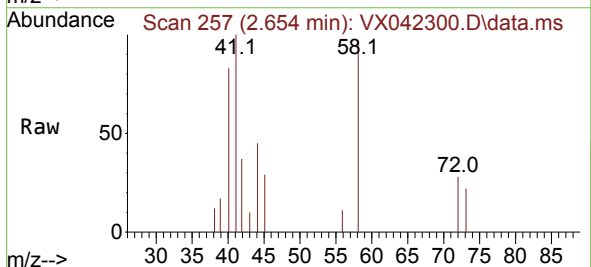
Instrument :
MSVOA_X
ClientSampleId :



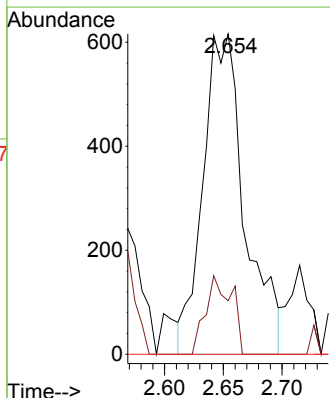
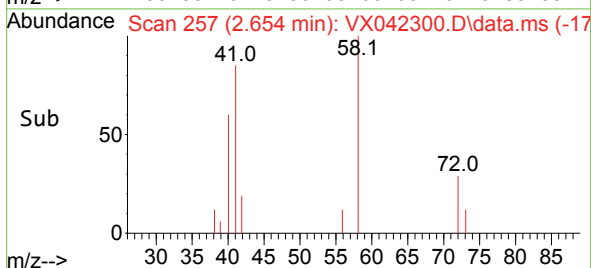
Tgt Ion: 58 Resp: 4019
Ion Ratio Lower Upper
58 100
43 268.5 243.4 365.2

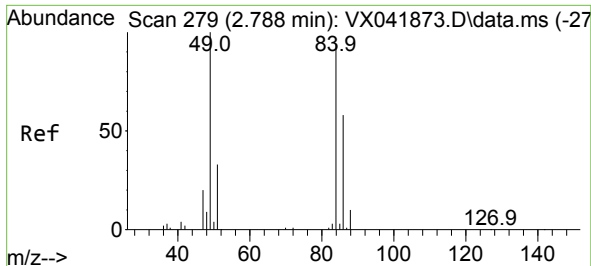


#17
Allyl chloride
Concen: 0.633 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16



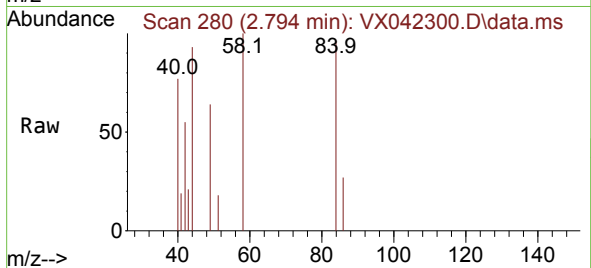
Tgt Ion: 41 Resp: 1520
Ion Ratio Lower Upper
41 100
39 18.6 29.6 88.8#
76 0.0 18.1 54.4#



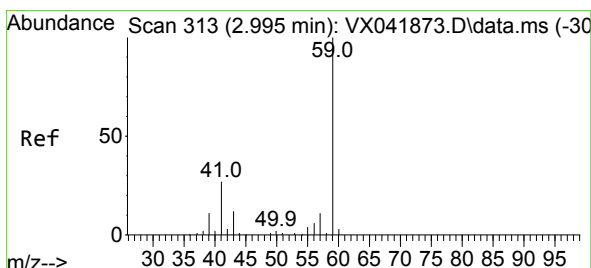
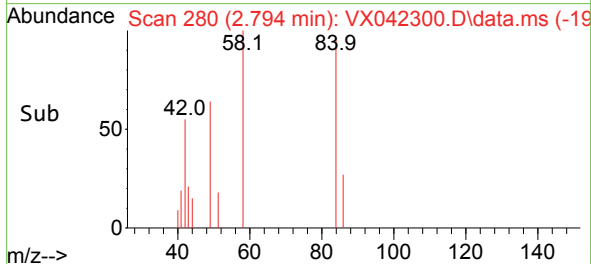
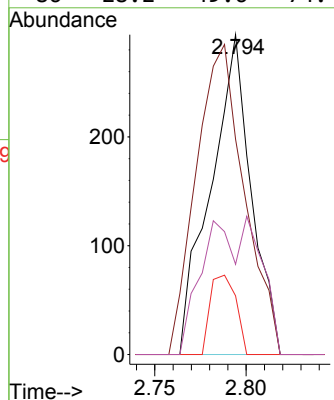


#18
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :

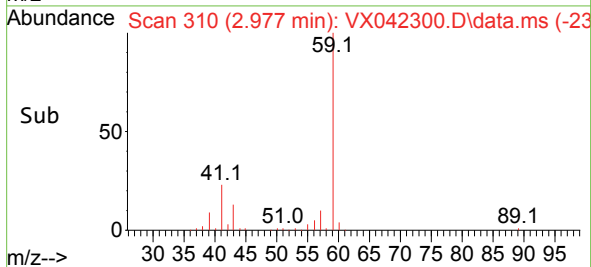
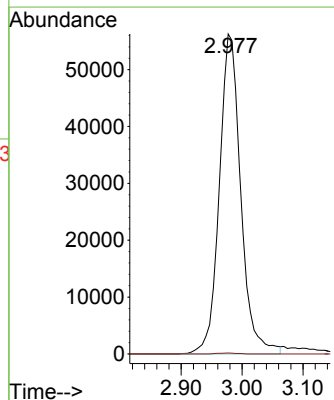
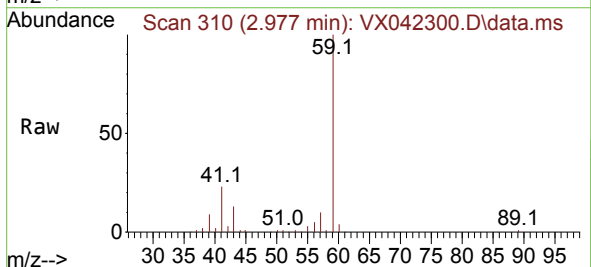


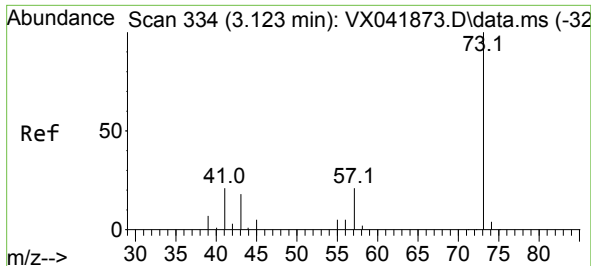
Tgt Ion: 84 Resp: 453
Ion Ratio Lower Upper
84 100
49 67.3 85.3 127.9#
51 18.4 28.5 42.7#
86 28.2 49.6 74.4#



#23
tert-Butyl Alcohol
Concen: 387.035 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 59 Resp: 137576
Ion Ratio Lower Upper
59 100
52 0.3 0.0 0.0#

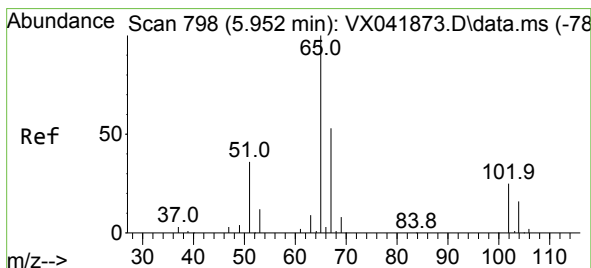
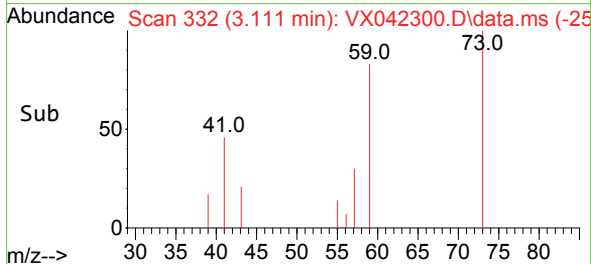
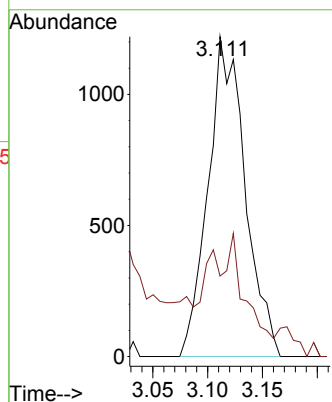
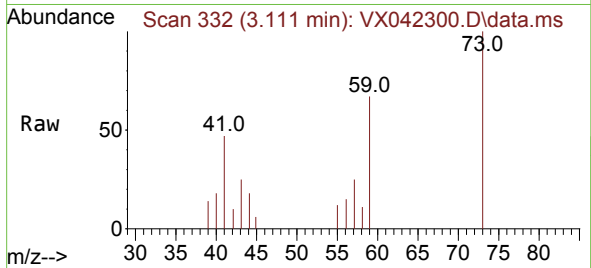




#24
Methyl tert-Butyl Ether
Concen: 0.586 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

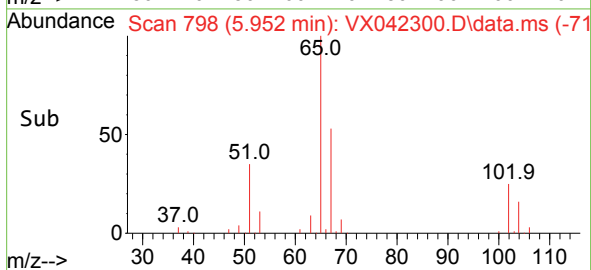
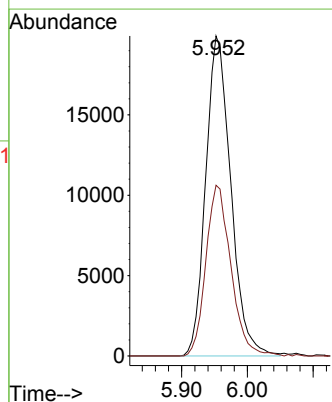
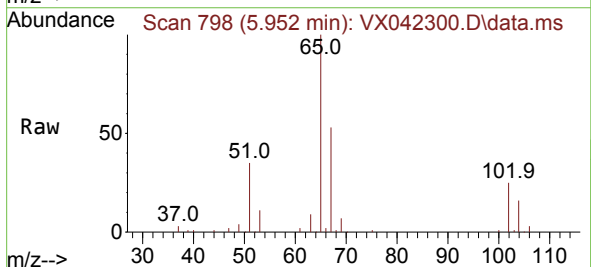
Instrument :
MSVOA_X
ClientSampleId :

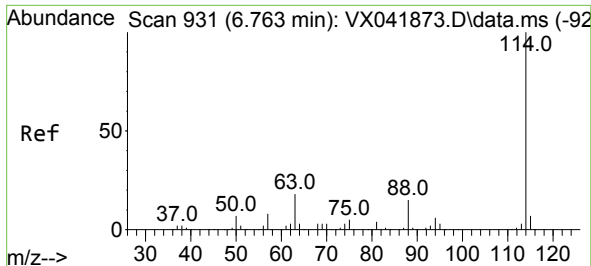
Tgt Ion: 73 Resp: 2866
Ion Ratio Lower Upper
73 100
43 7.7 15.1 22.7#



#27
1,2-Dichloroethane-d4
Concen: 29.758 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 65 Resp: 52961
Ion Ratio Lower Upper
65 100
67 53.2 43.4 65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX042300.D

Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

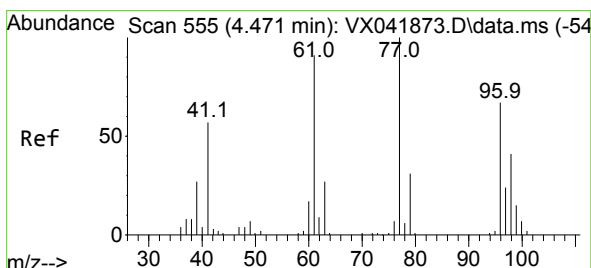
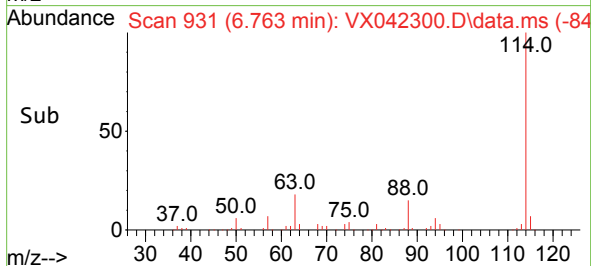
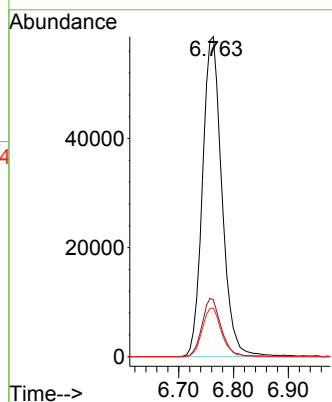
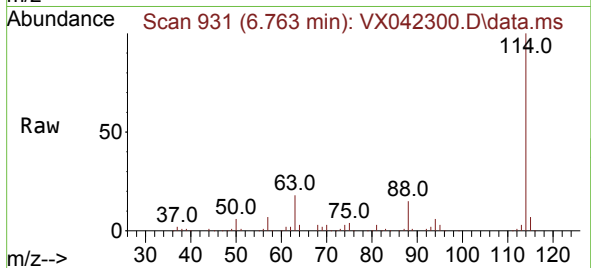
Tgt Ion:114 Resp: 144115

Ion Ratio Lower Upper

114 100

63 17.8 14.6 21.8

88 15.0 11.8 17.8



#31

2,2-Dichloropropane

Concen: 5.644 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.122 min

Lab File: VX042300.D

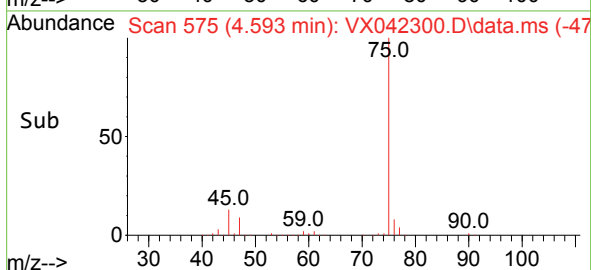
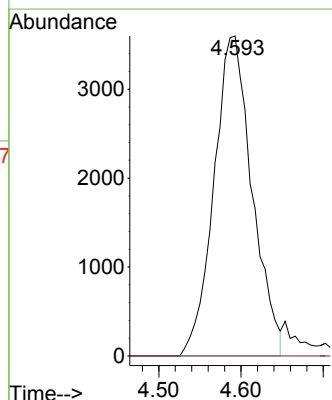
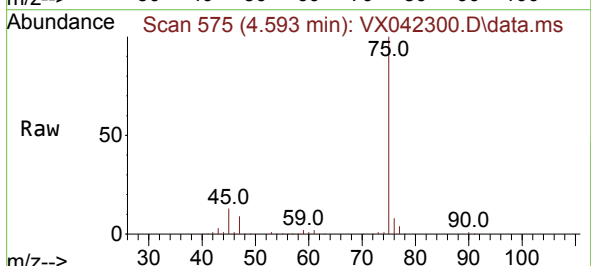
Acq: 12 Jul 2024 14:16

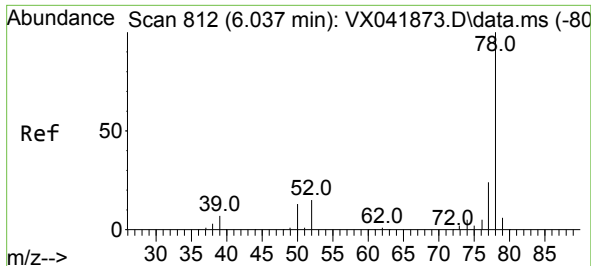
Tgt Ion: 77 Resp: 11633

Ion Ratio Lower Upper

77 100

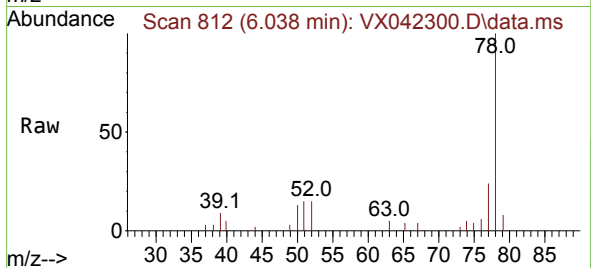
97 0.0 20.2 30.2#



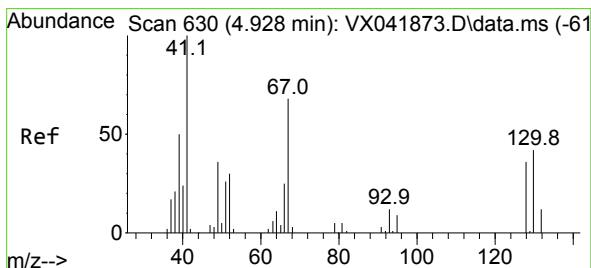
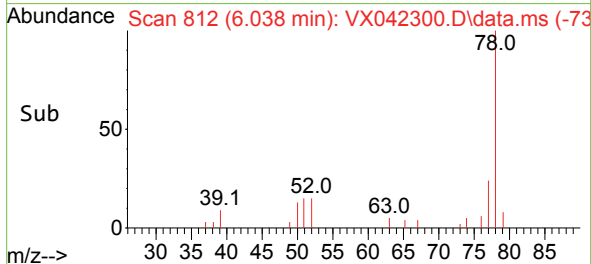
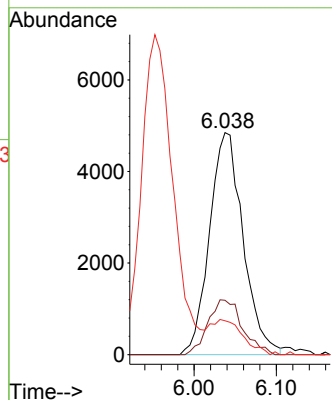


#34
Benzene
Concen: 2.195 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :

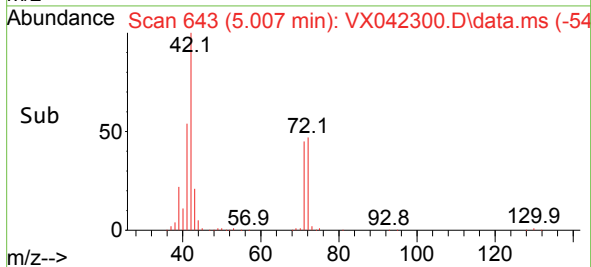
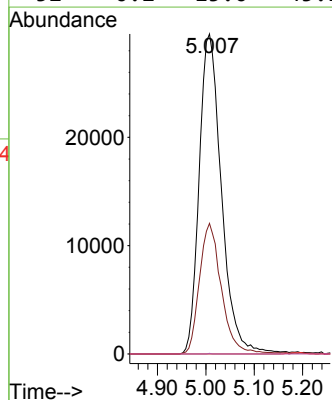
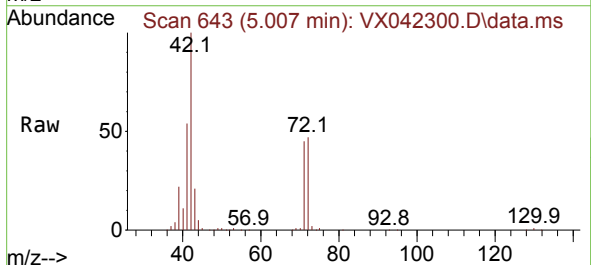


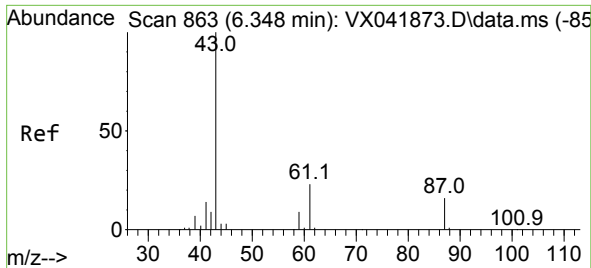
Tgt Ion: 78 Resp: 13756
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3
51 15.3 11.8 17.8



#35
Methacrylonitrile
Concen: 74.765 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.079 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 41 Resp: 94381
Ion Ratio Lower Upper
41 100
39 40.8 25.2 75.6
67 0.0 34.2 102.5#
52 0.2 15.0 45.1#

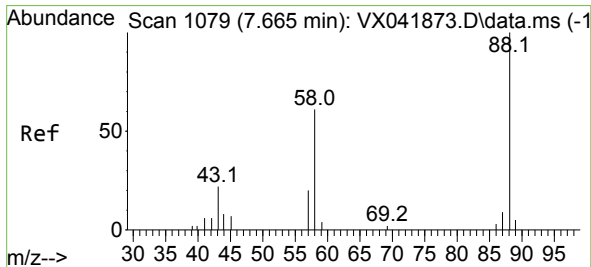
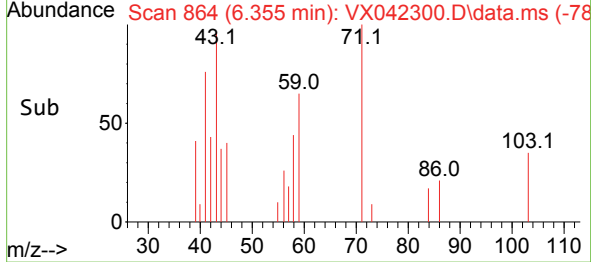
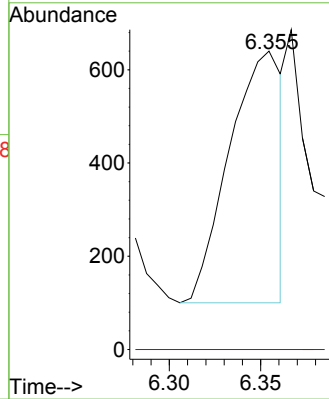
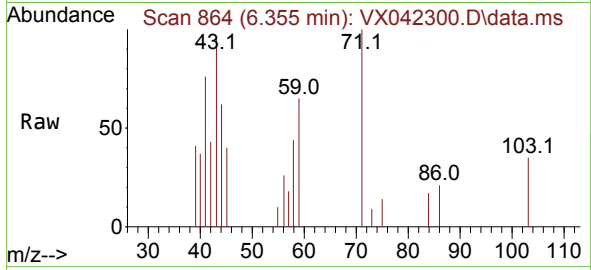




#44
Isopropyl Acetate
Concen: 0.304 ug/l
RT: 6.355 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

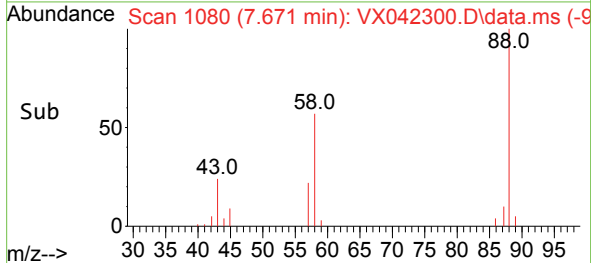
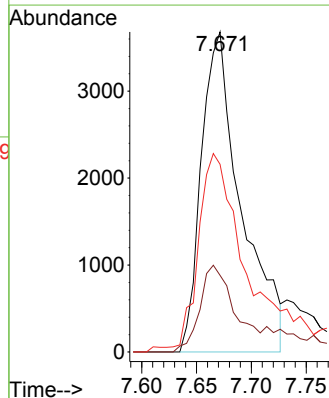
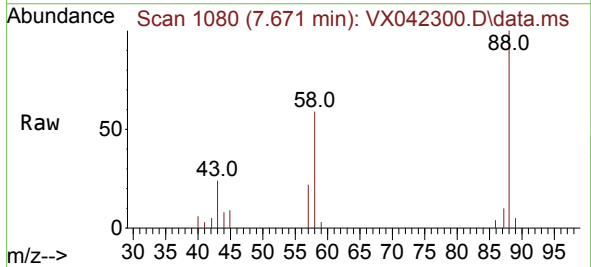
Instrument :
MSVOA_X
ClientSampleId :

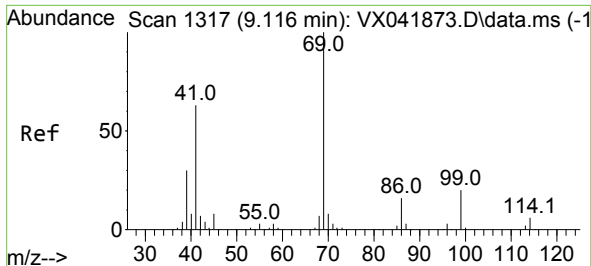
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
61 0.0 17.4 26.0#



#45
1,4-Dioxane
Concen: 216.908 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 88 Resp: 9332
Ion Ratio Lower Upper
88 100
43 23.9 23.2 34.8
58 56.5 52.6 78.8

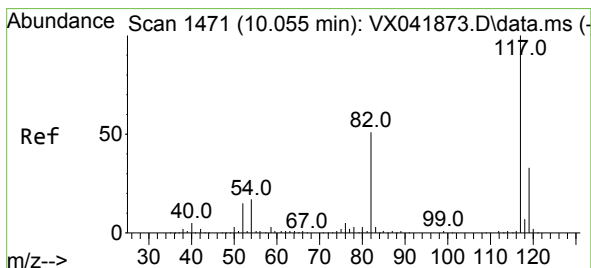
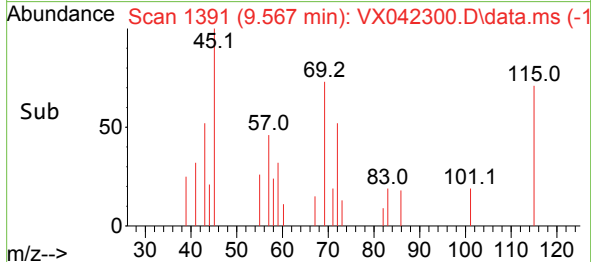
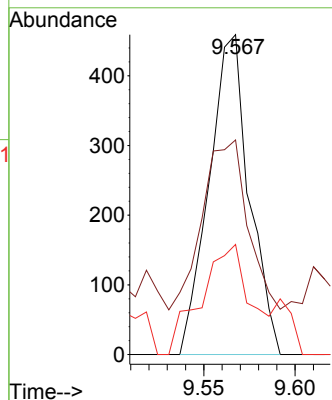
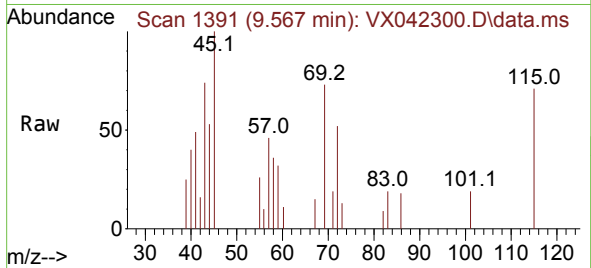




#51
Ethyl methacrylate
Concen: 0.275 ug/l
RT: 9.567 min Scan# 11
Delta R.T. 0.451 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

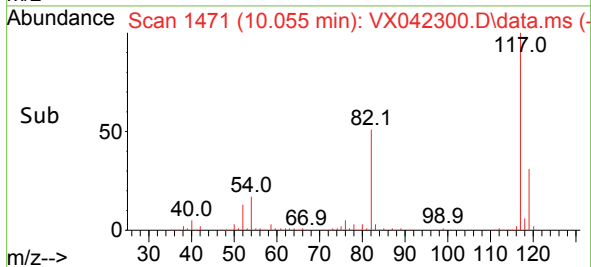
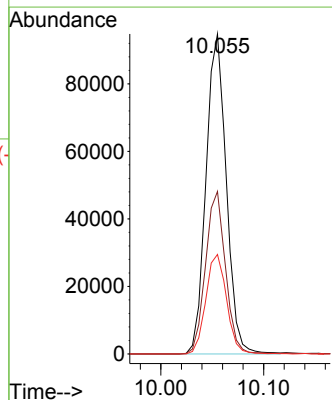
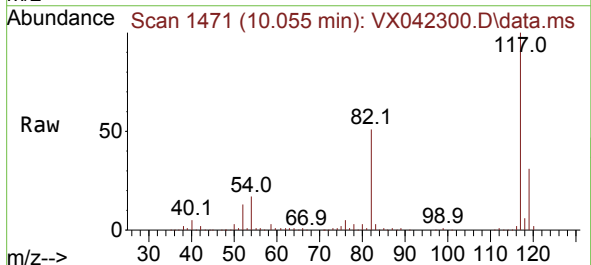
Instrument :
MSVOA_X
ClientSampleId :

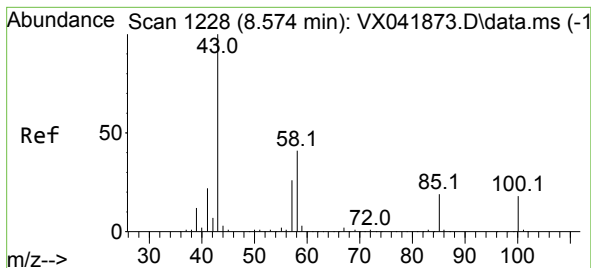
Tgt Ion: 69 Resp: 701
Ion Ratio Lower Upper
69 100
41 52.9 31.6 94.7
39 20.9 15.3 45.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 117 Resp: 129897
Ion Ratio Lower Upper
117 100
82 50.1 41.1 61.7
119 31.9 26.1 39.1

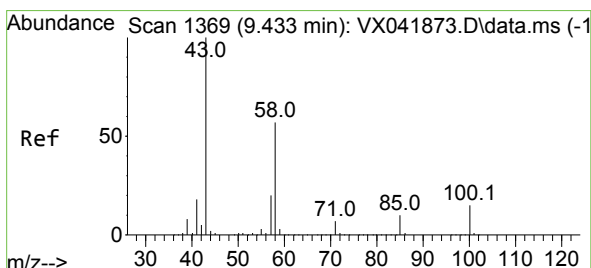
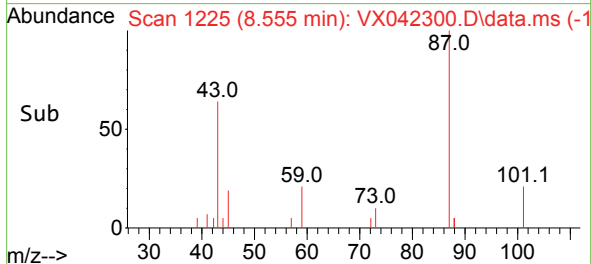
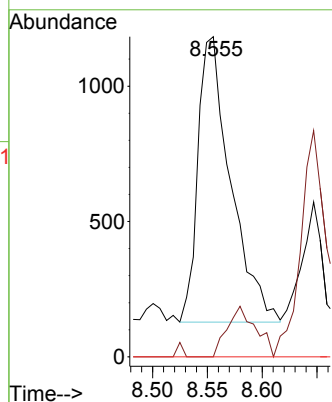
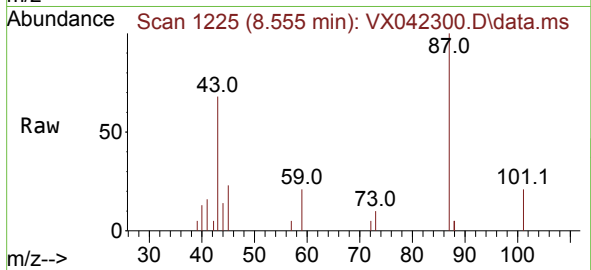




#58
 4-Methyl-2-Pentanone
 Concen: 0.943 ug/l
 RT: 8.555 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VX042300.D
 Acq: 12 Jul 2024 14:16

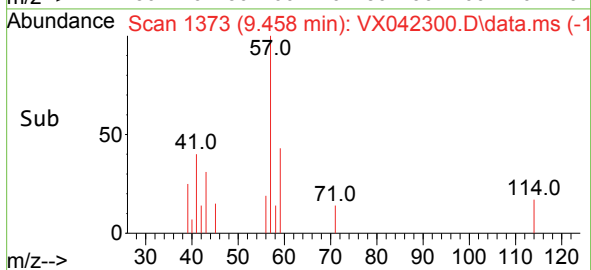
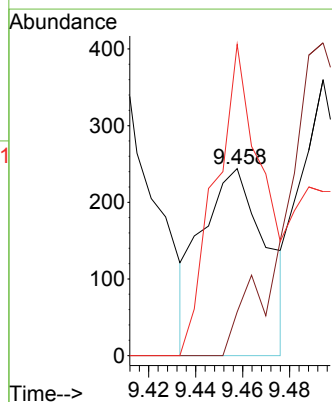
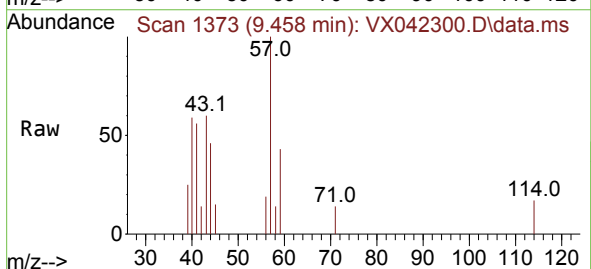
Instrument :
 MSVOA_X
 ClientSampleId :

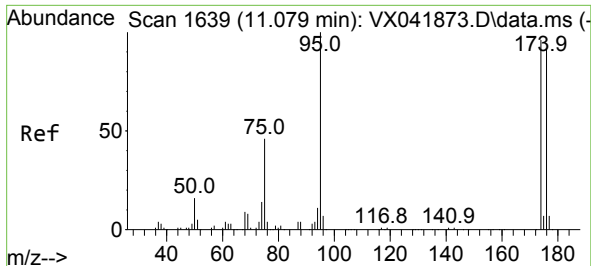
Tgt Ion: 43 Resp: 2195
 Ion Ratio Lower Upper
 43 100
 58 15.3 33.2 49.8#
 85 0.0 15.5 23.3#



#59
 2-Hexanone
 Concen: 0.256 ug/l
 RT: 9.458 min Scan# 1373
 Delta R.T. 0.024 min
 Lab File: VX042300.D
 Acq: 12 Jul 2024 14:16

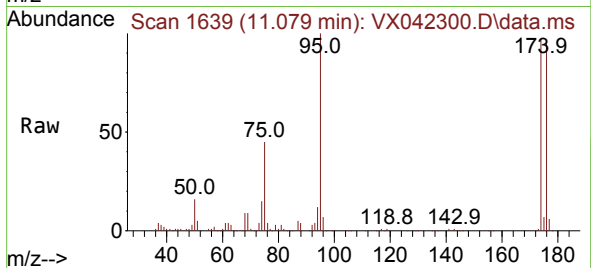
Tgt Ion: 43 Resp: 460
 Ion Ratio Lower Upper
 43 100
 58 17.0 46.0 69.0#
 57 126.1 15.8 23.6#



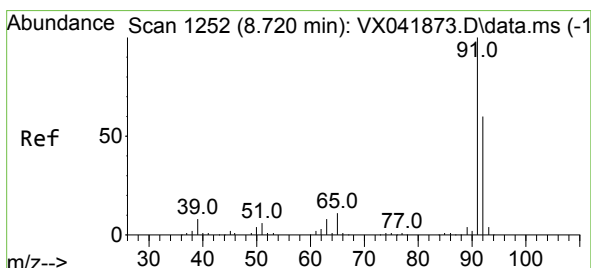
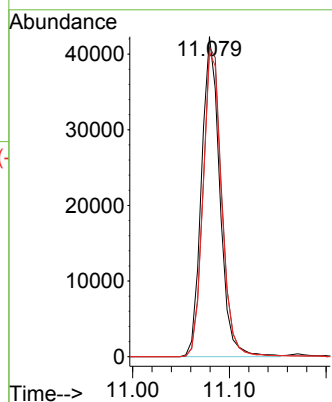
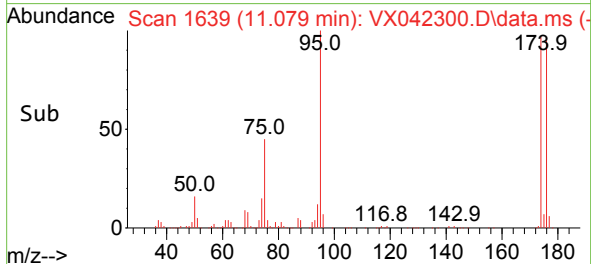


#60
4-Bromofluorobenzene
Concen: 27.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :

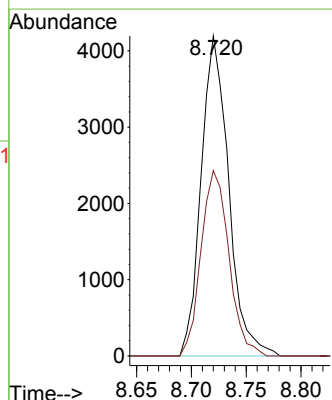
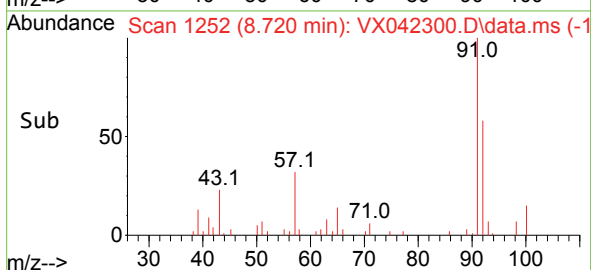
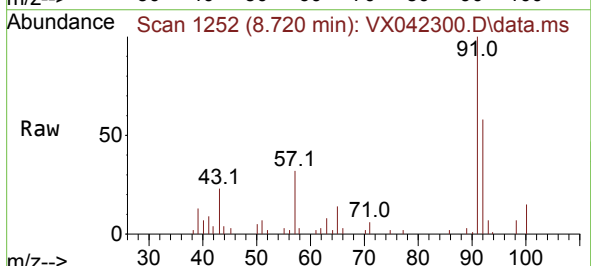


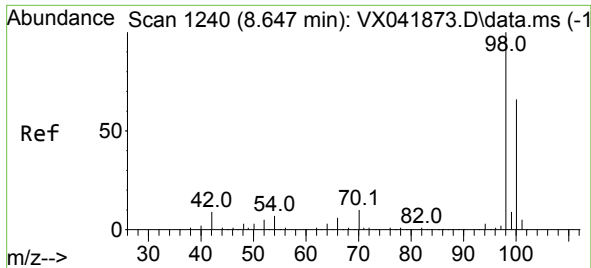
Tgt Ion: 95 Resp: 55776
Ion Ratio Lower Upper
95 100
174 99.4 78.9 118.3
176 96.2 77.1 115.7



#62
Toluene
Concen: 1.112 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 91 Resp: 7312
Ion Ratio Lower Upper
91 100
92 58.8 47.4 71.2

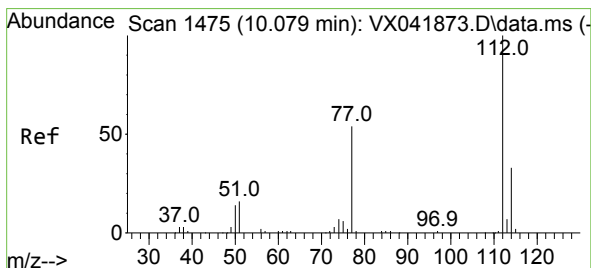
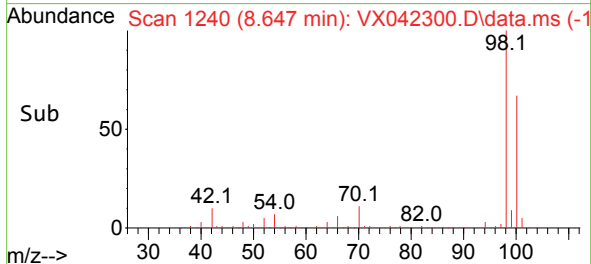
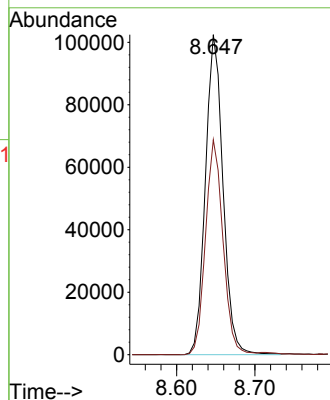
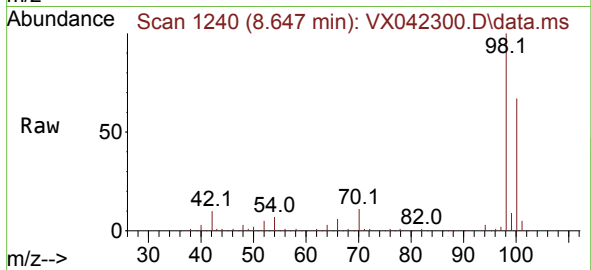




#63
Toluene-d8
Concen: 28.699 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

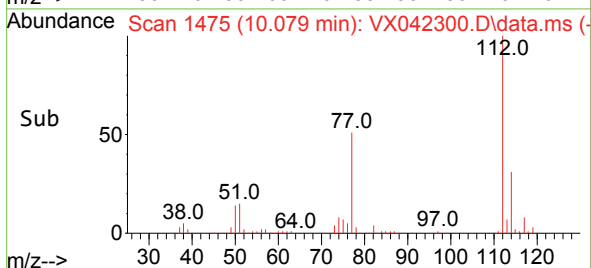
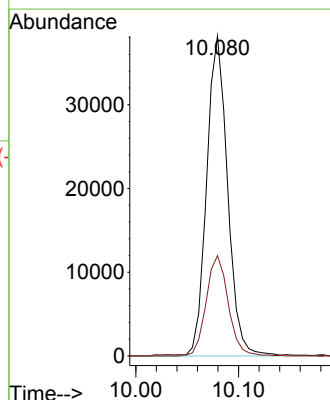
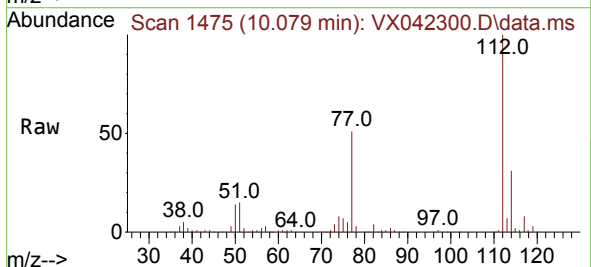
Instrument :
MSVOA_X
ClientSampleId :

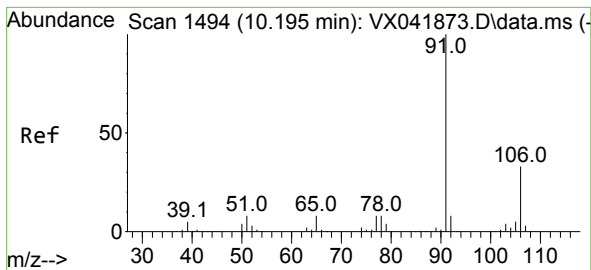
Tgt Ion: 98 Resp: 159495
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1



#64
Chlorobenzene
Concen: 12.086 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 112 Resp: 54099
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4

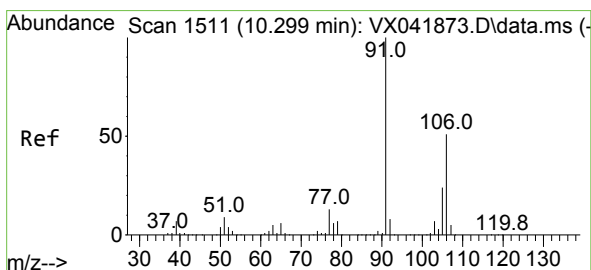
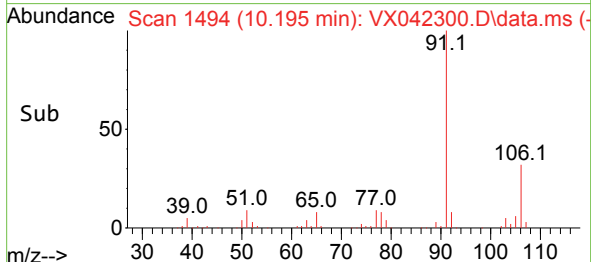
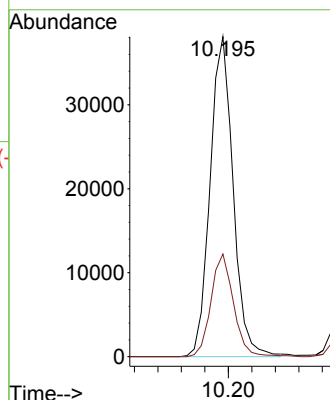
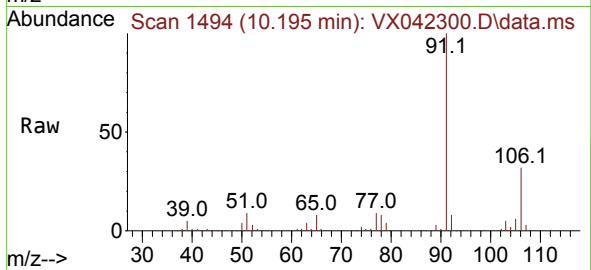




#66
Ethyl Benzene
Concen: 7.228 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

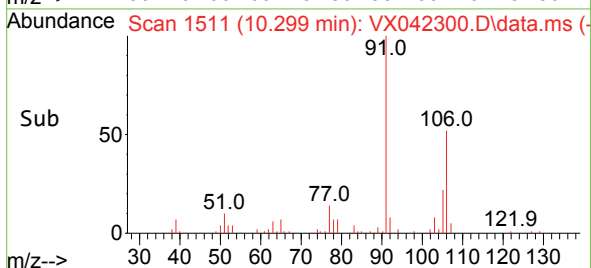
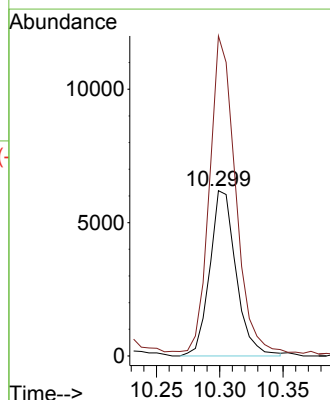
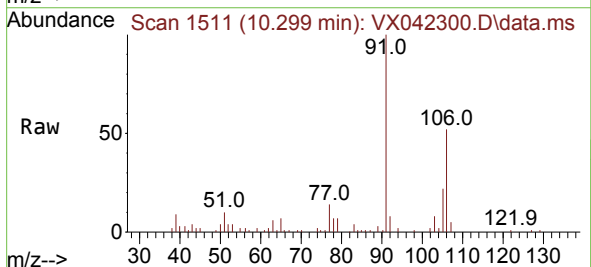
Instrument :
MSVOA_X
ClientSampleId :

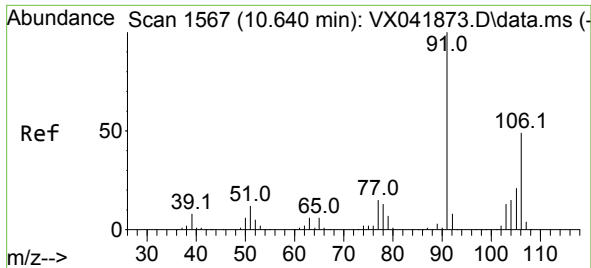
Tgt Ion: 91 Resp: 51940
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6



#67
m/p-Xylenes
Concen: 3.098 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 106 Resp: 8955
Ion Ratio Lower Upper
106 100
91 192.2 157.0 235.6

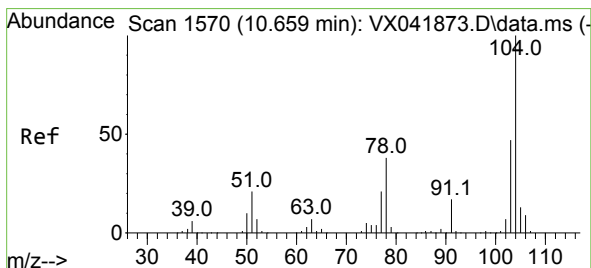
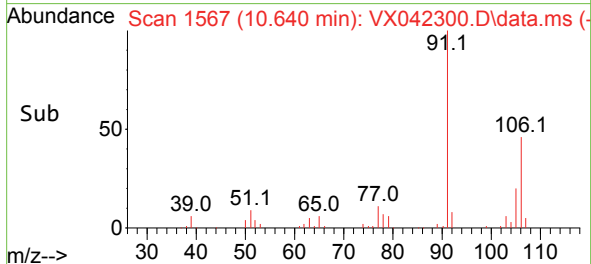
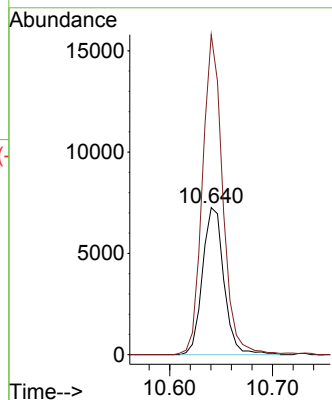
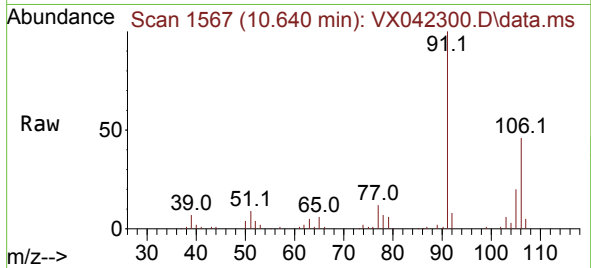




#68
o-Xylene
Concen: 3.670 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

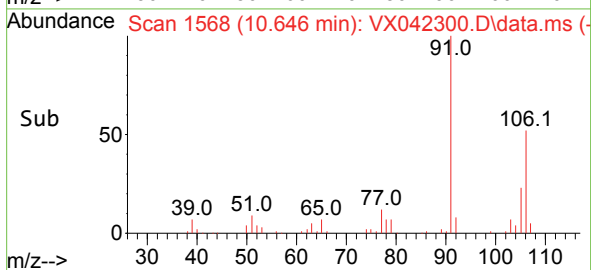
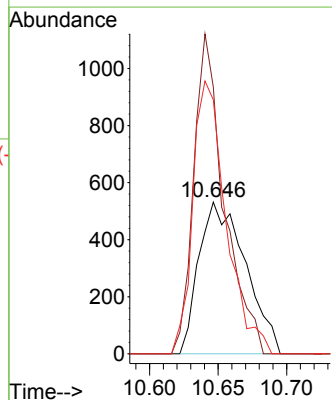
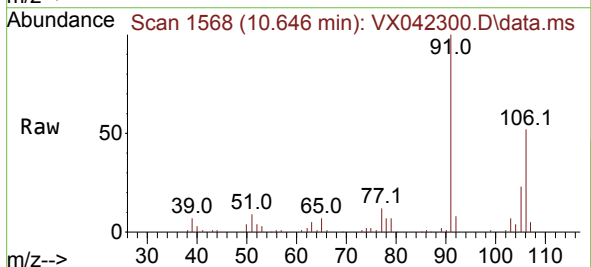
Instrument :
MSVOA_X
ClientSampleId :

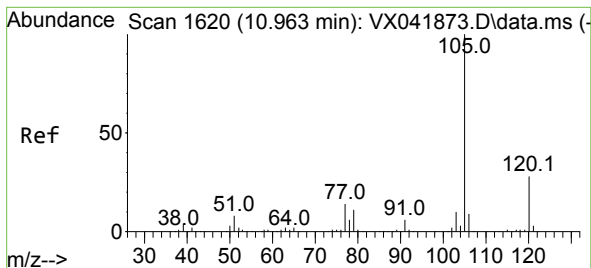
Tgt Ion:106 Resp: 10577
Ion Ratio Lower Upper
106 100
91 204.6 103.2 309.6



#69
Styrene
Concen: 0.261 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.012 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion:104 Resp: 1257
Ion Ratio Lower Upper
104 100
78 137.6 36.5 54.7#
103 124.2 43.4 65.2#





#70

Isopropylbenzene

Concen: 1.761 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042300.D

Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_X

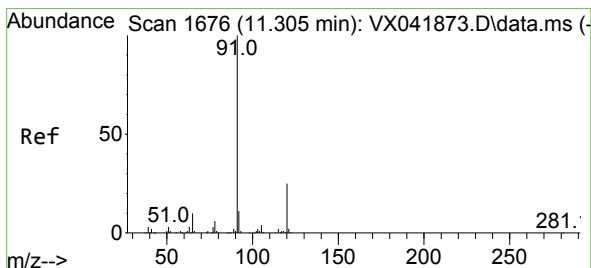
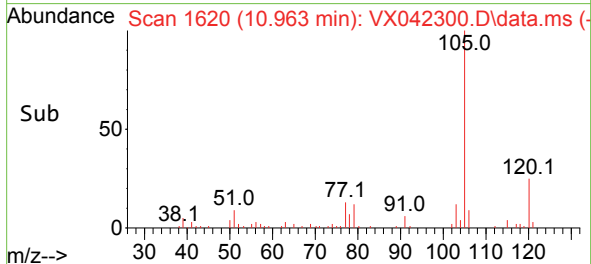
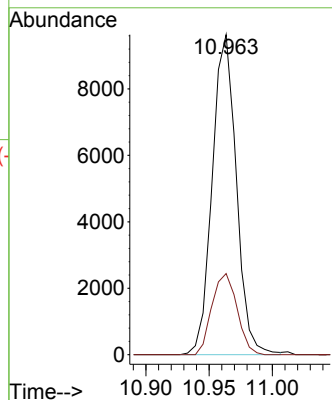
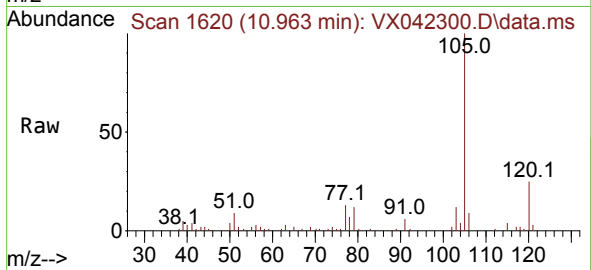
ClientSampleId :

Tgt Ion:105 Resp: 12758

Ion Ratio Lower Upper

105 100

120 26.4 19.2 35.6



#74

n-propylbenzene

Concen: 0.838 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042300.D

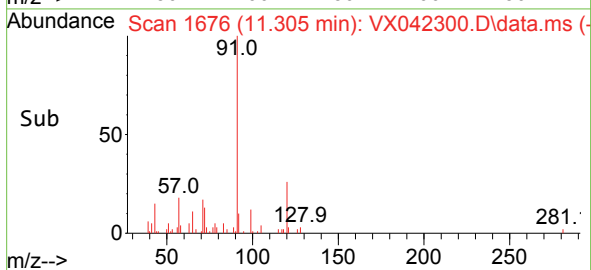
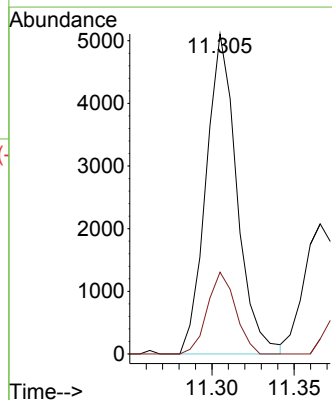
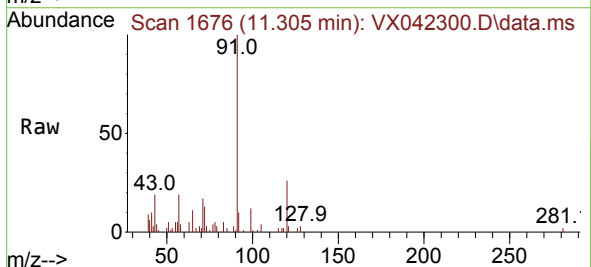
Acq: 12 Jul 2024 14:16

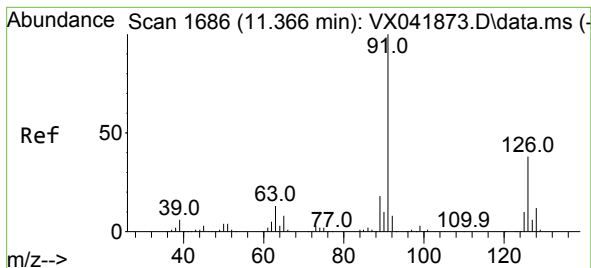
Tgt Ion: 91 Resp: 6668

Ion Ratio Lower Upper

91 100

120 23.2 0.0 49.6





#75

2-Chlorotoluene

Concen: 0.647 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042300.D

Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_X

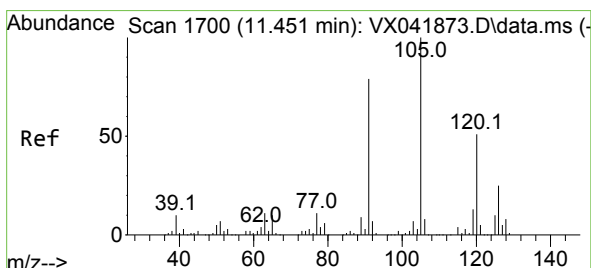
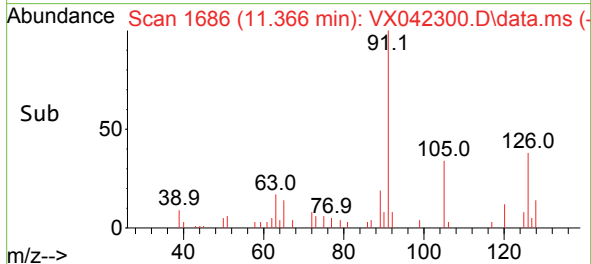
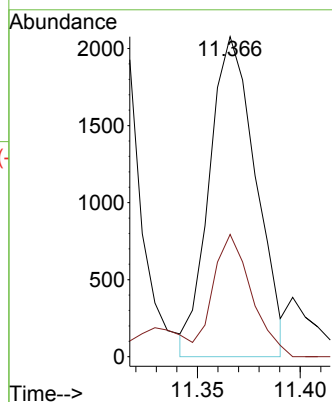
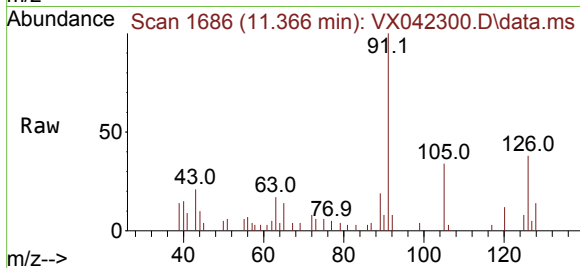
ClientSampleId :

Tgt Ion: 91 Resp: 3268

Ion Ratio Lower Upper

91 100

126 31.4 0.0 72.6



#76

1,3,5-Trimethylbenzene

Concen: 0.391 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042300.D

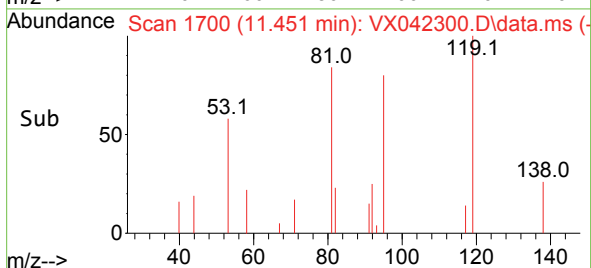
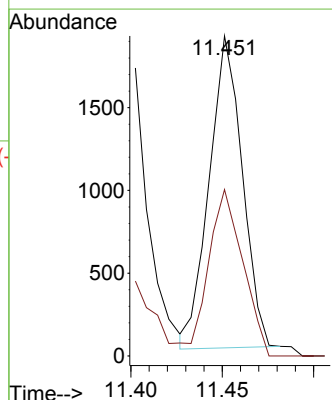
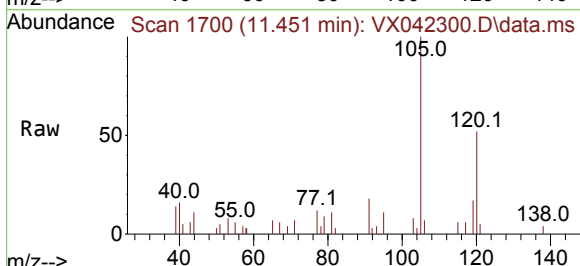
Acq: 12 Jul 2024 14:16

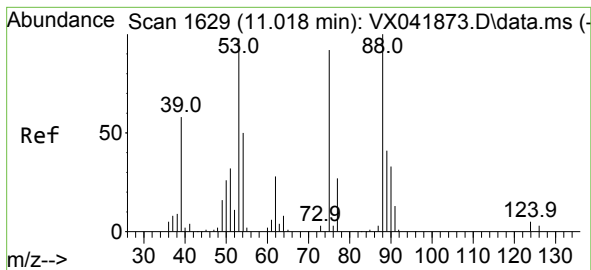
Tgt Ion: 105 Resp: 2374

Ion Ratio Lower Upper

105 100

120 54.1 0.0 103.0

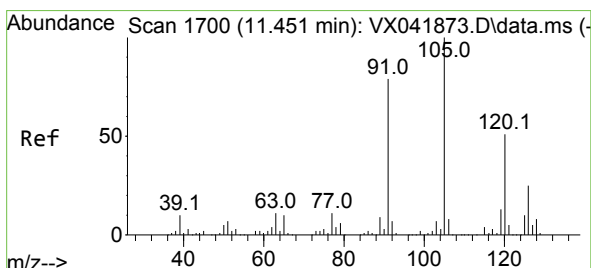
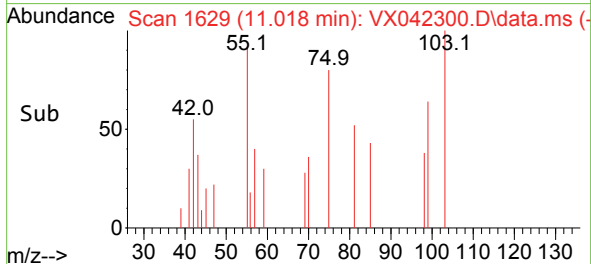
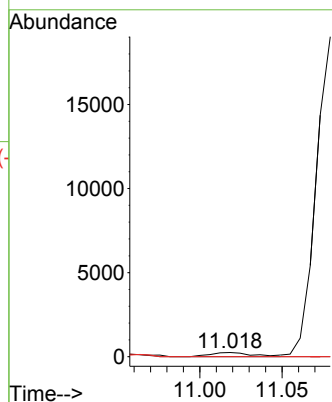
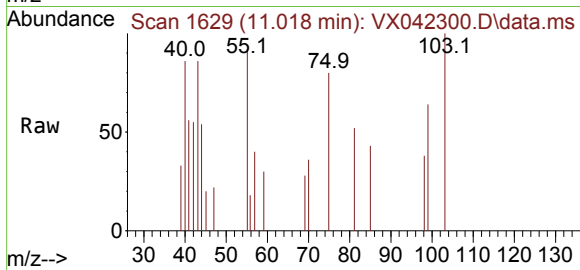




#77
t-1,4-Dichloro-2-butene
Concen: 0.603 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

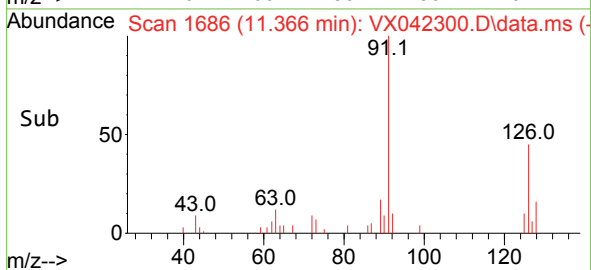
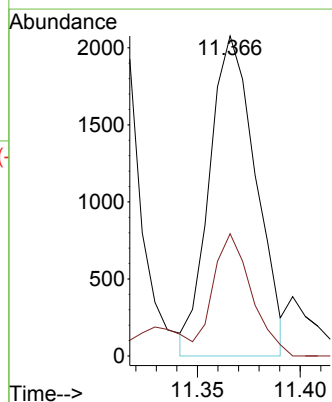
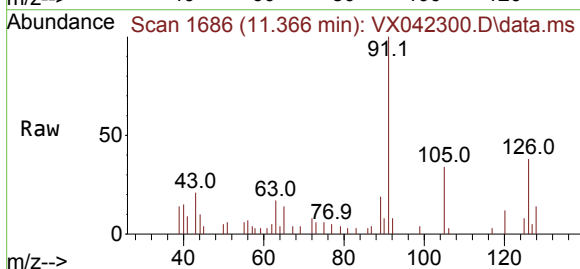
Instrument :
MSVOA_X
ClientSampleId :

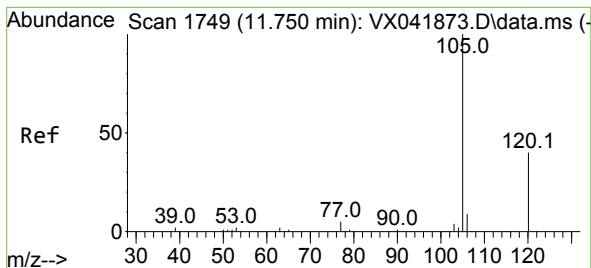
Tgt Ion: 75 Resp: 453
Ion Ratio Lower Upper
75 100
53 0.0 53.4 160.2#
89 0.0 22.5 67.5#



#78
4-Chlorotoluene
Concen: 0.582 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.085 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 91 Resp: 3268
Ion Ratio Lower Upper
91 100
126 31.4 0.0 64.8





#80

1,2,4-Trimethylbenzene

Concen: 2.392 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042300.D

Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_X

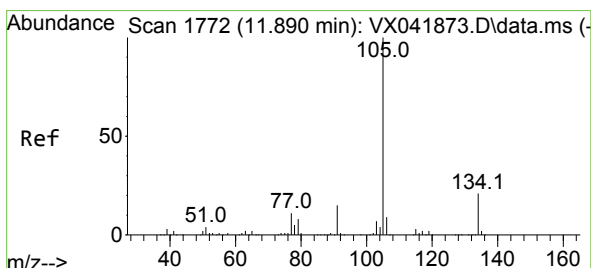
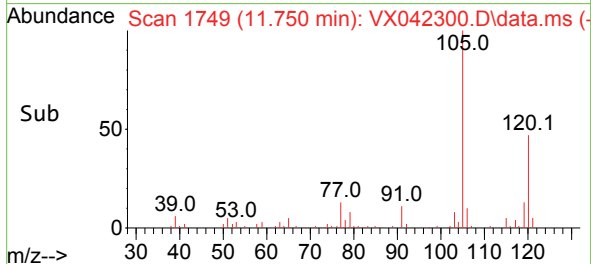
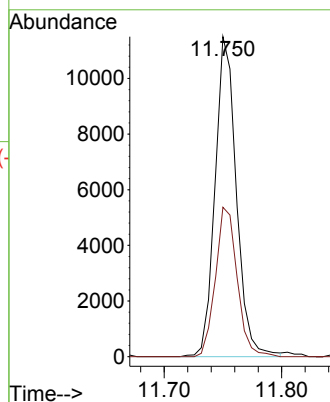
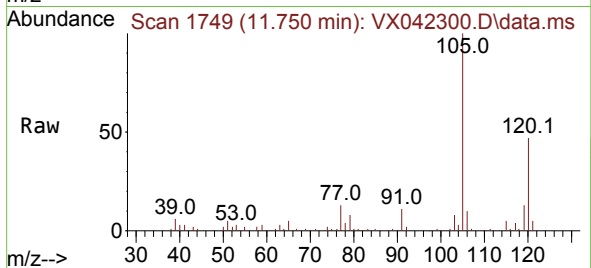
ClientSampleId :

Tgt Ion:105 Resp: 14509

Ion Ratio Lower Upper

105 100

120 47.7 0.0 96.2



#81

sec-Butylbenzene

Concen: 0.206 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX042300.D

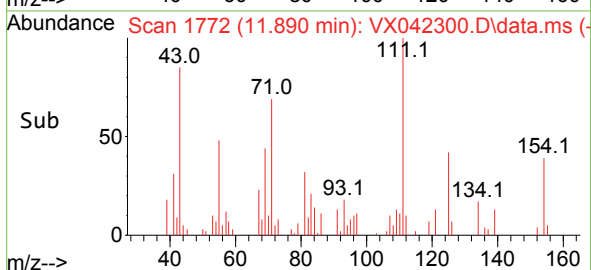
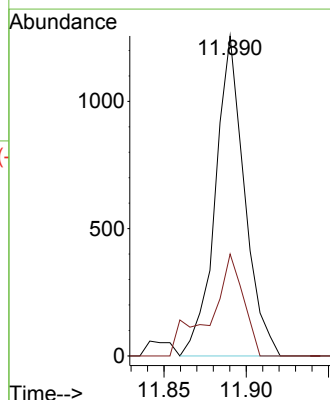
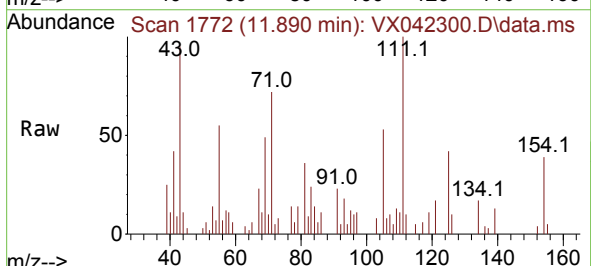
Acq: 12 Jul 2024 14:16

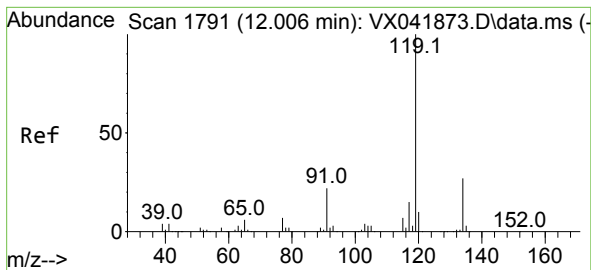
Tgt Ion:105 Resp: 1551

Ion Ratio Lower Upper

105 100

134 24.5 0.0 43.2





#82

p-Isopropyltoluene

Concen: 0.286 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX042300.D

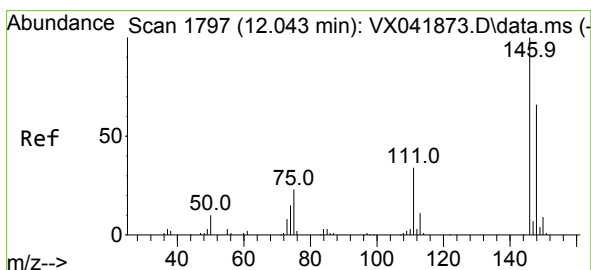
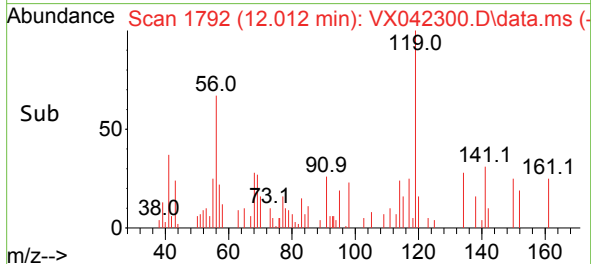
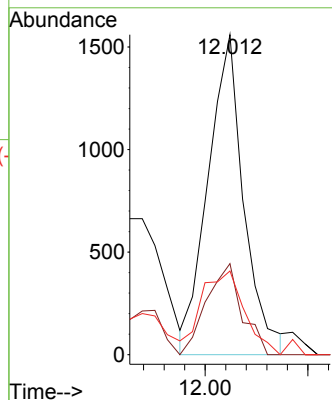
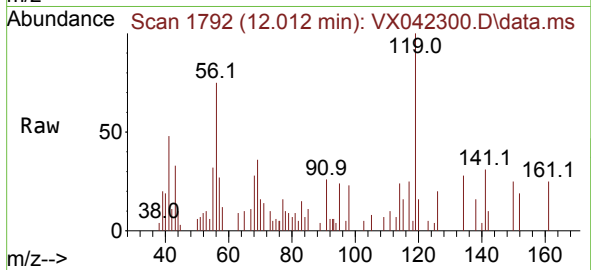
Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:119	Resp:	1882
Ion Ratio	Lower	Upper
119	100	
134	28.1	0.0 54.0
91	31.5	0.0 42.2



#84

1,4-Dichlorobenzene

Concen: 10.546 ug/l

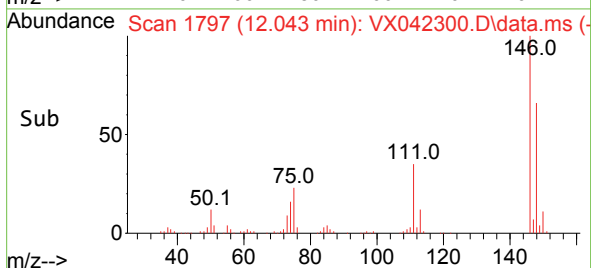
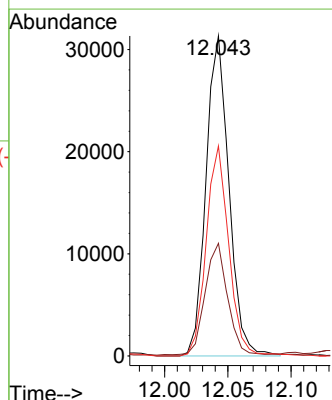
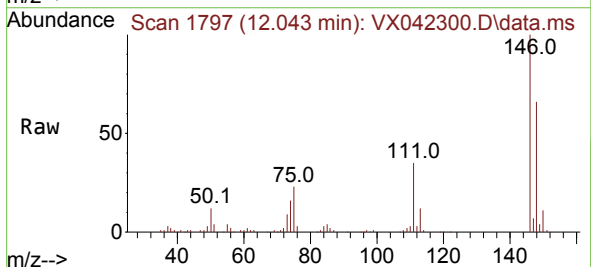
RT: 12.043 min Scan# 1797

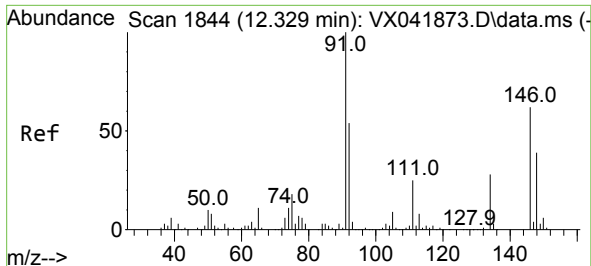
Delta R.T. 0.000 min

Lab File: VX042300.D

Acq: 12 Jul 2024 14:16

Tgt Ion:146	Resp:	39562
Ion Ratio	Lower	Upper
146	100	
111	34.8	17.4 52.3
148	64.1	32.3 96.9

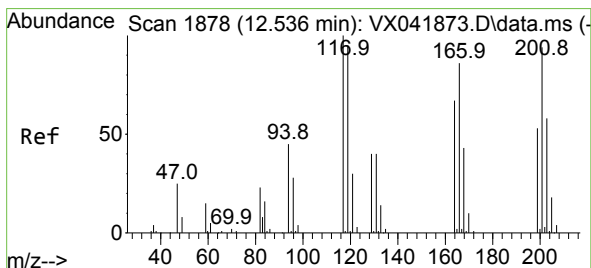
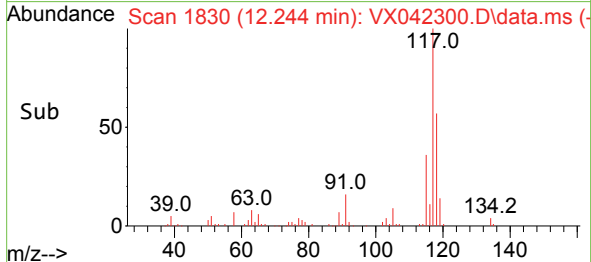
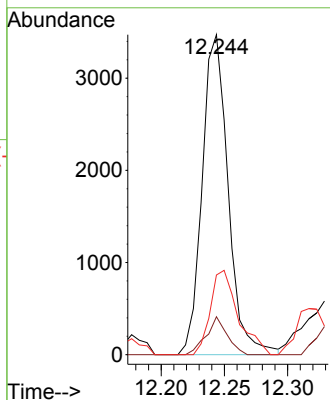
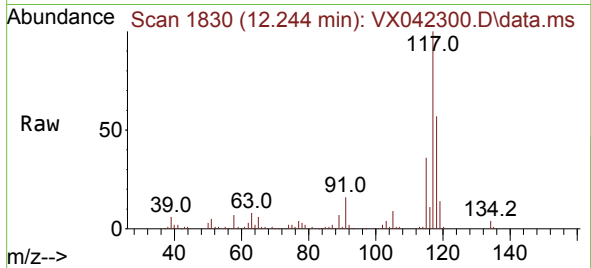




#85
n-Butylbenzene
Concen: 0.976 ug/l
RT: 12.244 min Scan# 1830
Delta R.T. -0.085 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

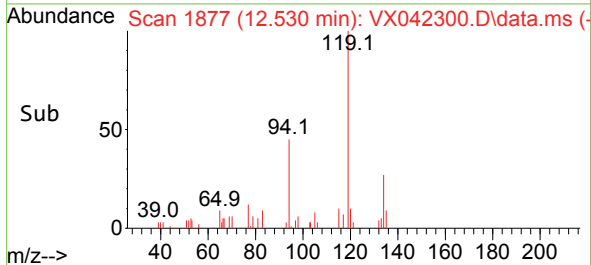
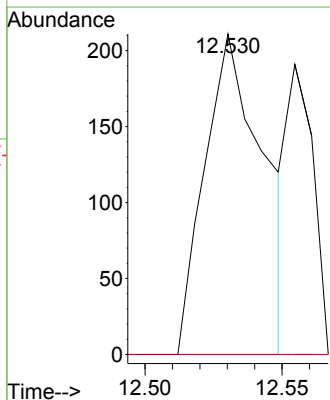
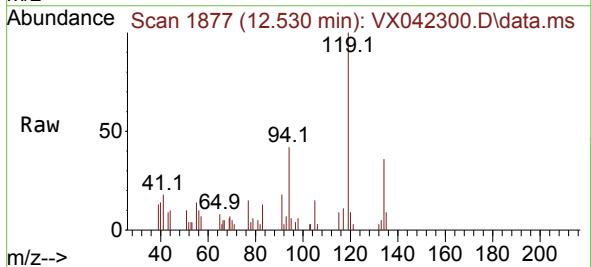
Instrument :
MSVOA_X
ClientSampleId :

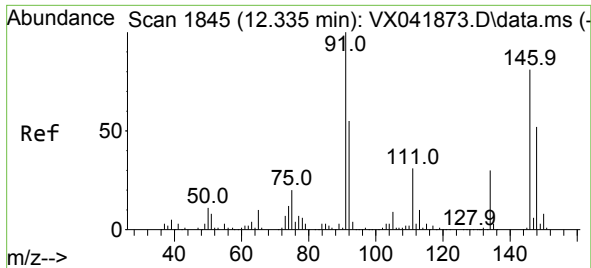
Tgt Ion: 91 Resp: 4969
Ion Ratio Lower Upper
91 100
92 9.6 0.0 109.8
134 28.1 0.0 58.4



#86
Hexachloroethane
Concen: 0.291 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

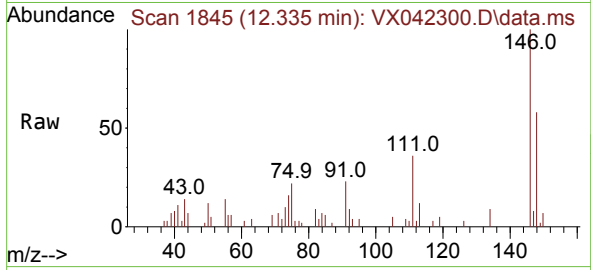
Tgt Ion: 117 Resp: 313
Ion Ratio Lower Upper
117 100
201 0.0 48.9 146.8#



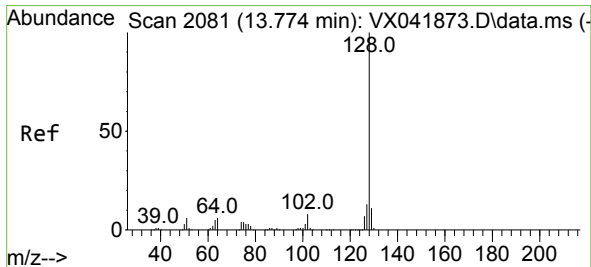
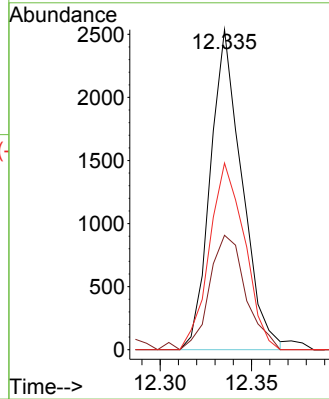
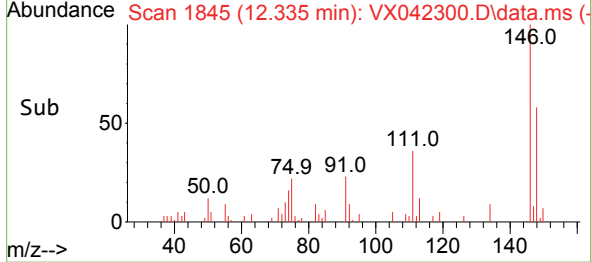


#87
1,2-Dichlorobenzene
Concen: 0.802 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:146 Resp: 3057
Ion Ratio Lower Upper
146 100
111 40.7 19.1 57.3
148 64.9 32.4 97.0



#91
Naphthalene
Concen: 10.144 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042300.D
Acq: 12 Jul 2024 14:16

Tgt Ion:128 Resp: 79078
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.2 8.7 13.1

