

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021094.D
 Acq On : 09 Mar 2021 04:35
 Operator : JC/MD
 Sample : M1577-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11939-VNJ-229

Quant Time: Mar 09 04:57:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

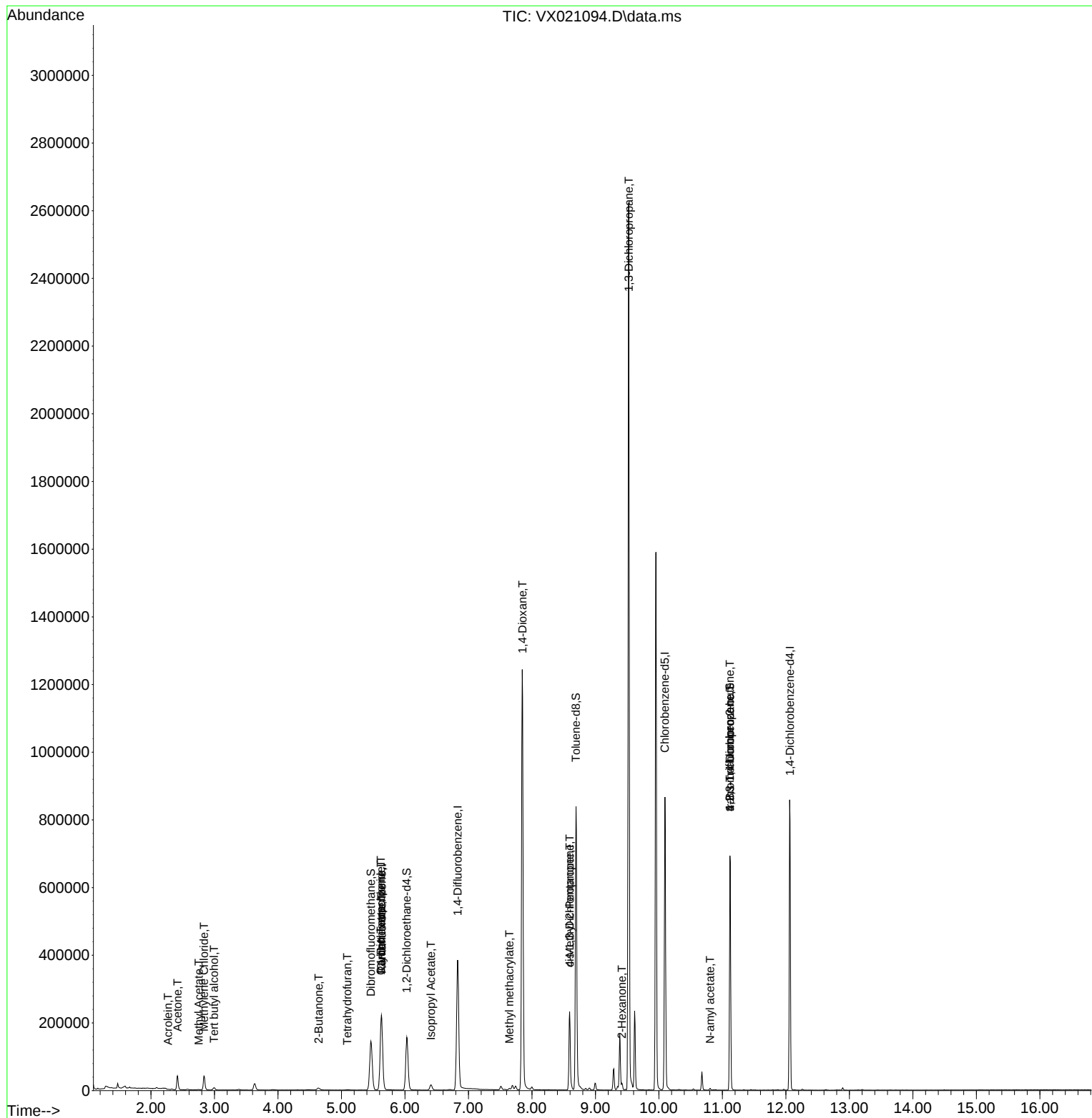
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.635	168	217551	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	401649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	407168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	187367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	145297	49.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.90%
35) Dibromofluoromethane	5.464	113	126596	51.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.76%
50) Toluene-d8	8.694	98	511588	53.77	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.54%
62) 4-Bromofluorobenzene	11.118	95	196154	55.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.50%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	312	Below Cal	#	54
11) Tert butyl alcohol	2.993	59	4114	6.29	ug/l #	78
13) Acrolein	2.270	56	555	1.37	ug/l	94
16) Acetone	2.417	43	42153	34.81	ug/l	97
18) Methyl Acetate	2.752	43	1511	0.53	ug/l #	89
20) Methylene Chloride	2.834	84	20080	6.91	ug/l	95
25) 2-Butanone	4.640	43	7357	4.00	ug/l	99
29) Tetrahydrofuran	5.093	42	1282	1.09	ug/l #	58
31) Cyclohexane	5.629	56	4188	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	15904	4.17	ug/l #	48
38) Carbon Tetrachloride	5.623	117	20691	5.59	ug/l #	17
43) Isopropyl Acetate	6.411	43	20683	3.35	ug/l	100
48) Methyl methacrylate	7.647	41	5339	1.72	ug/l #	10
49) 1,4-Dioxane	7.853	88	225	3.11	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	76653	21.31	ug/l #	47
54) cis-1,3-Dichloropropene	8.594	75	41002	8.30	ug/l #	58
57) 1,3-Dichloropropane	9.523	76	23431	4.85	ug/l #	43
59) 2-Hexanone	9.418	43	9635	3.57	ug/l #	19
74) N-amyl acetate	10.806	43	2449	0.41	ug/l #	45
76) 1,2,3-Trichloropropane	11.118	75	94284	23.39	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	94284	51.79	ug/l #	12

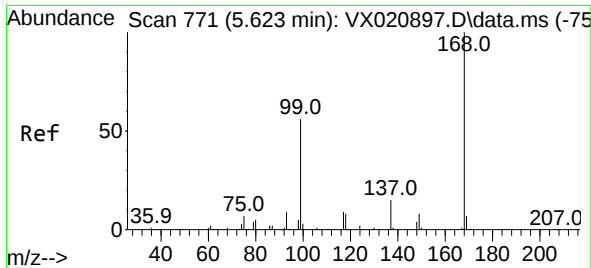
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

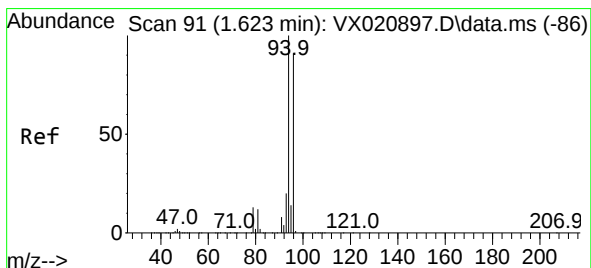
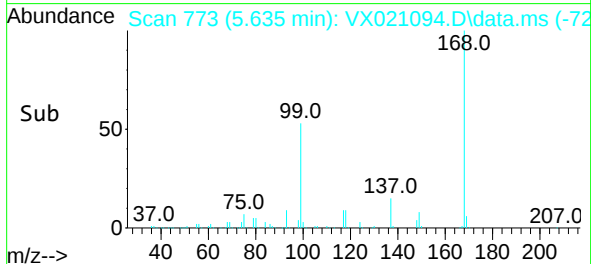
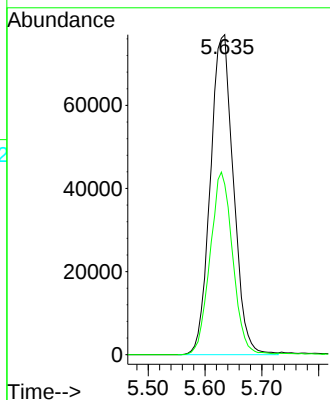
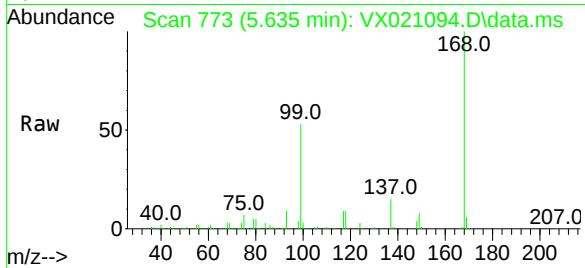




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

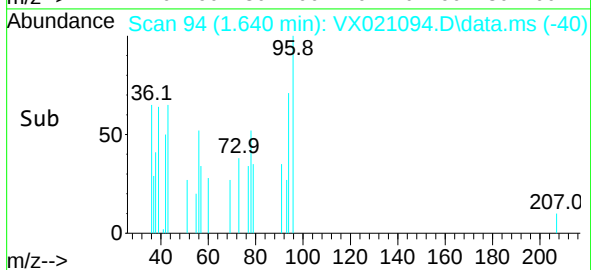
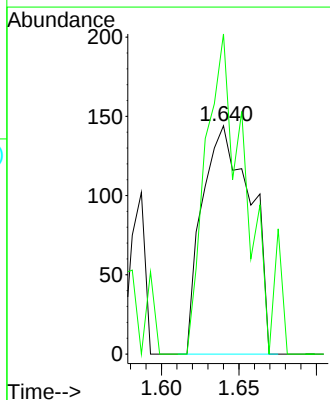
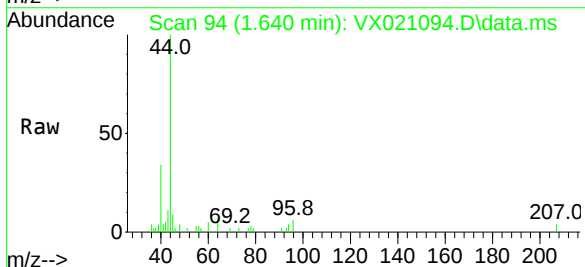
Instrument :
MSVOA_X
ClientSampleId :
72-11939-VNJ-229

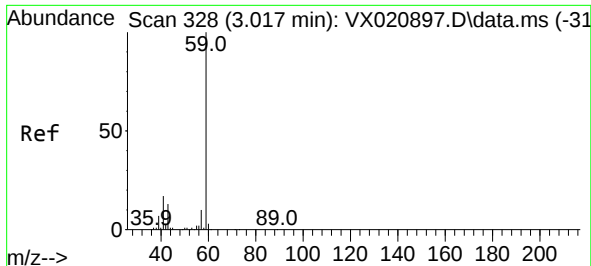
Tgt Ion:168 Resp: 217551
Ion Ratio Lower Upper
168 100
99 53.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 140.3 76.4 114.6#

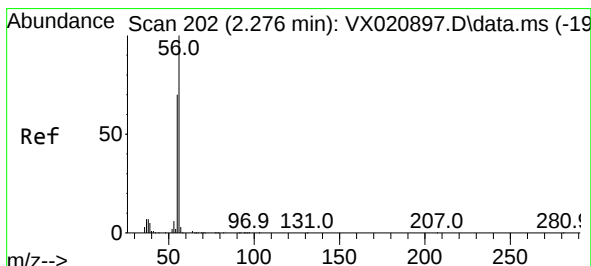
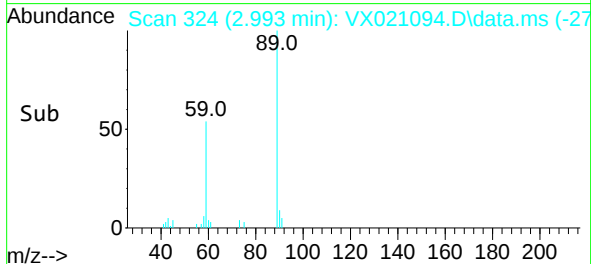
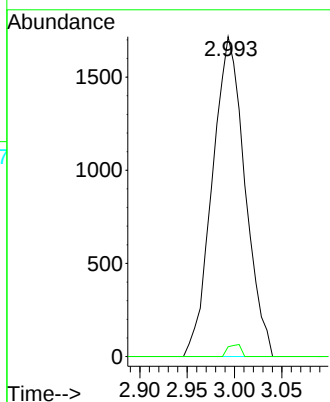
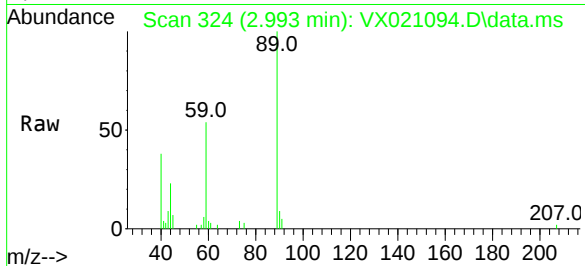




#11
Tert butyl alcohol
Concen: 6.29 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

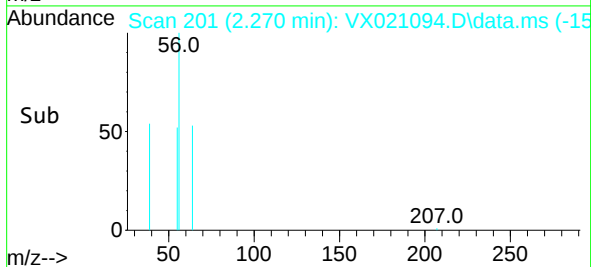
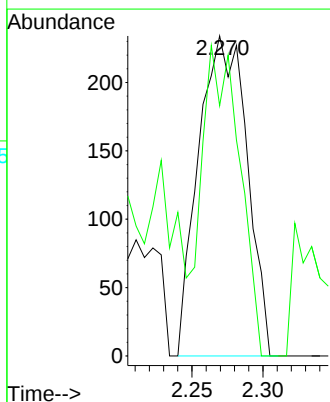
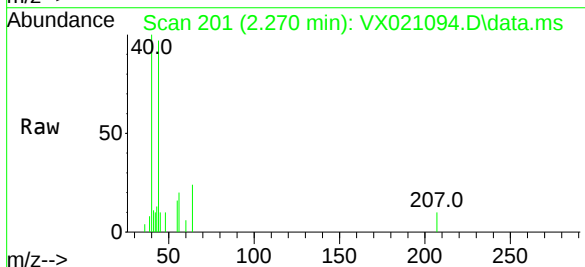
Instrument :
MSVOA_X
ClientSampleId :
72-11939-VNJ-229

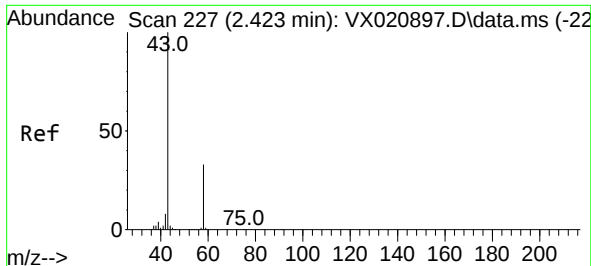
Tgt Ion: 59 Resp: 4114
Ion Ratio Lower Upper
59 100
57 1.5 7.8 11.8#



#13
Acrolein
Concen: 1.37 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

Tgt Ion: 56 Resp: 555
Ion Ratio Lower Upper
56 100
55 75.5 56.4 84.6

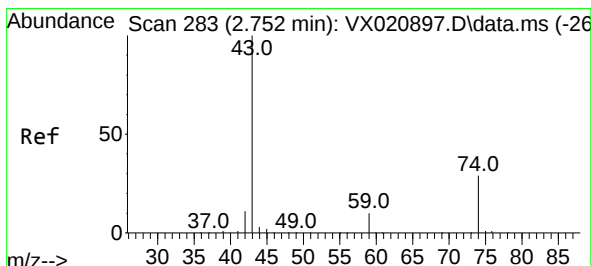
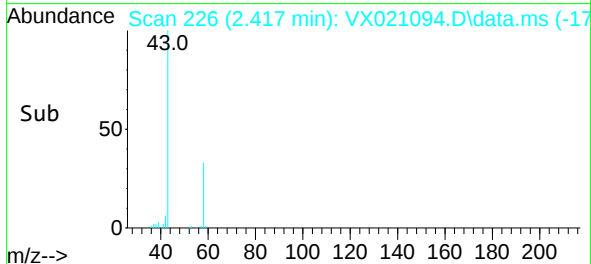
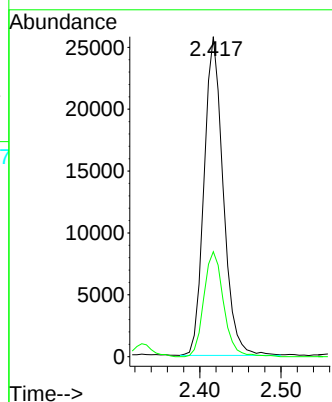
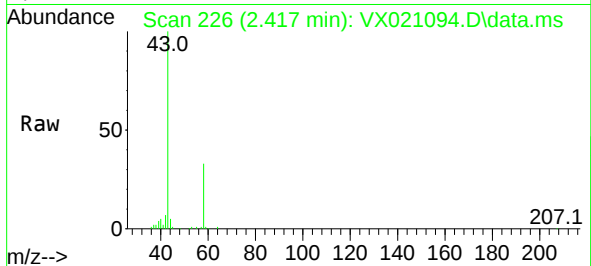




#16
Acetone
Concen: 34.81 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

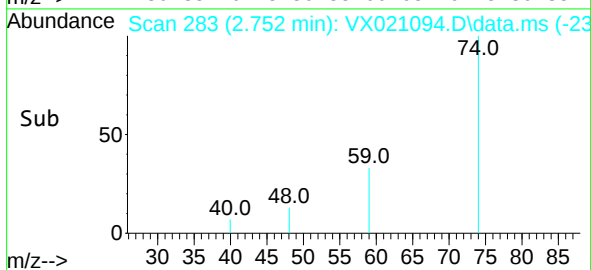
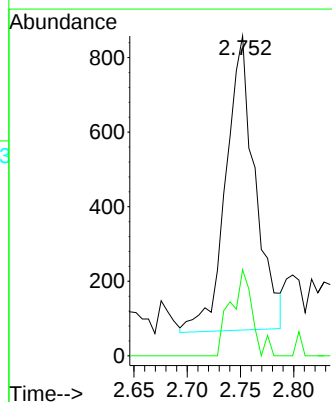
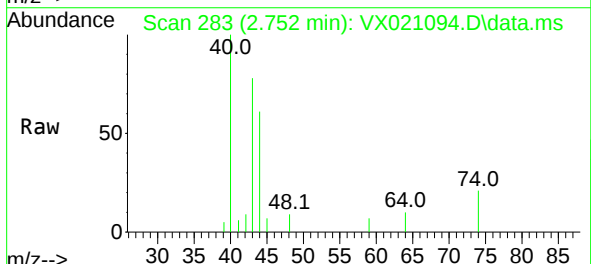
Instrument :
MSVOA_X
ClientSampleId :
72-11939-VNJ-229

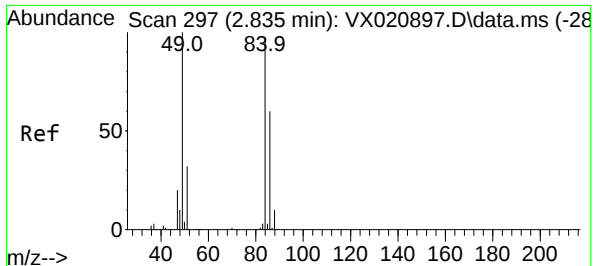
Tgt Ion: 43 Resp: 42153
Ion Ratio Lower Upper
43 100
58 32.9 27.8 41.8



#18
Methyl Acetate
Concen: 0.53 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
74 21.7 21.9 32.9#





#20

Methylene Chloride

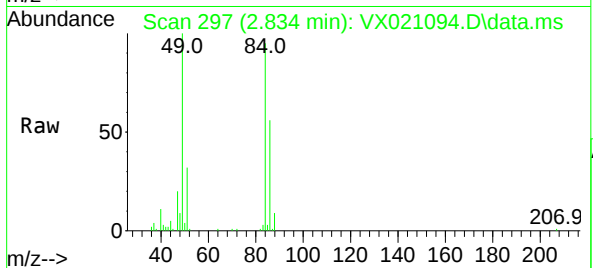
Concen: 6.91 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021094.D

Acq: 09 Mar 2021 04:35



Tgt Ion: 84 Resp: 20080

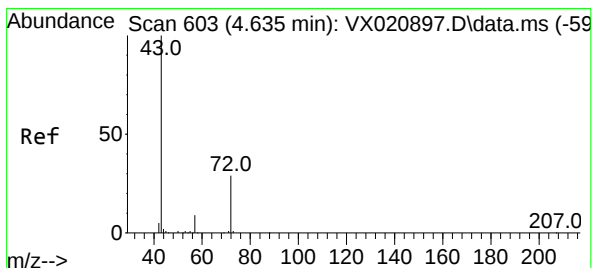
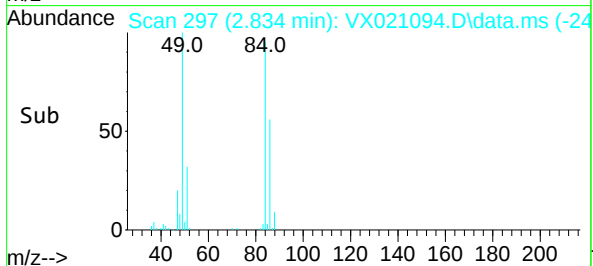
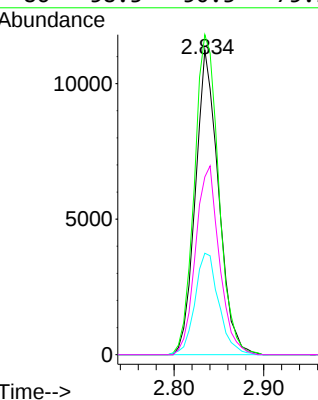
Ion Ratio Lower Upper

84 100

49 105.0 88.6 132.8

51 33.3 27.0 40.6

86 58.3 50.3 75.5



#25

2-Butanone

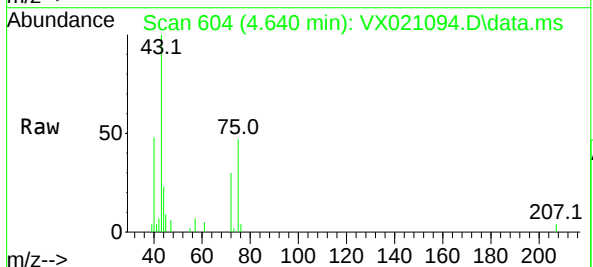
Concen: 4.00 ug/l

RT: 4.640 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX021094.D

Acq: 09 Mar 2021 04:35

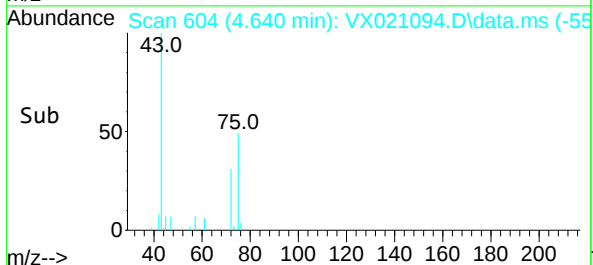
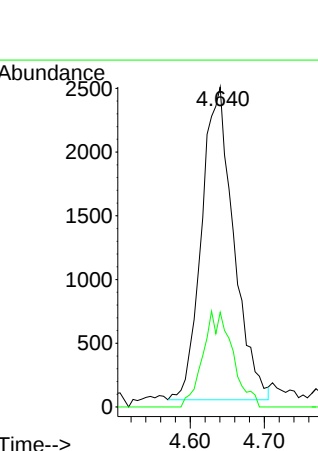


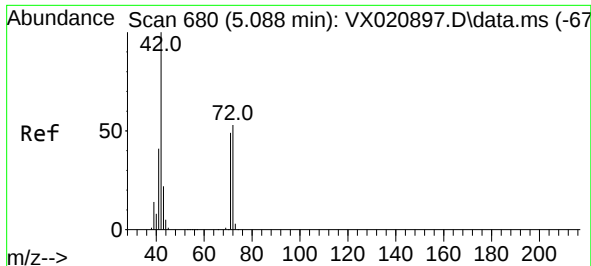
Tgt Ion: 43 Resp: 7357

Ion Ratio Lower Upper

43 100

72 30.3 23.7 35.5





#29

Tetrahydrofuran

Concen: 1.09 ug/l

RT: 5.093 min Scan# 681

Delta R.T. 0.006 min

Lab File: VX021094.D

Acq: 09 Mar 2021 04:35

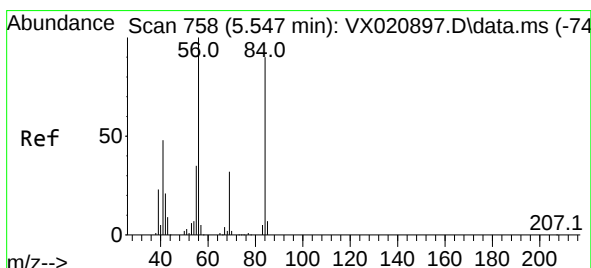
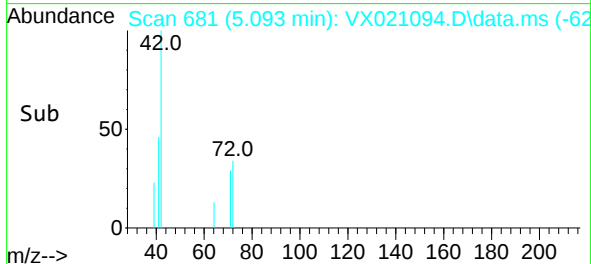
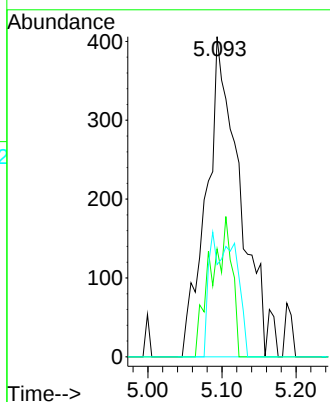
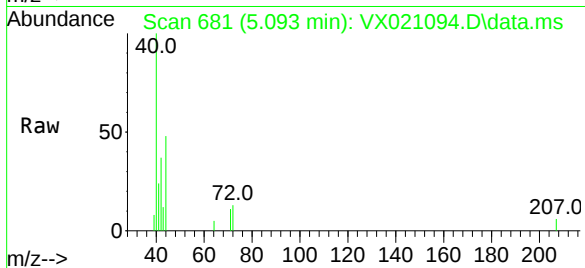
Instrument :

MSVOA_X

ClientSampleId :

72-11939-VNJ-229

Tgt Ion:	42	Resp:	1282
Ion	Ratio	Lower	Upper
42	100		
72	27.3	41.7	62.5#
71	14.2	38.4	57.6#



#31

Cyclohexane

Concen: 0.98 ug/l

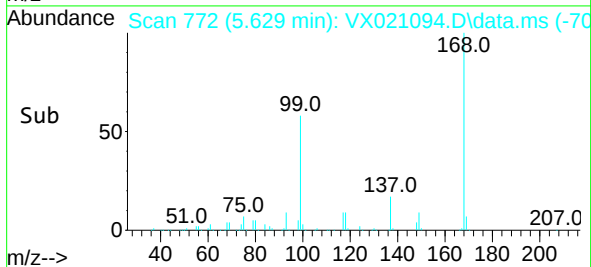
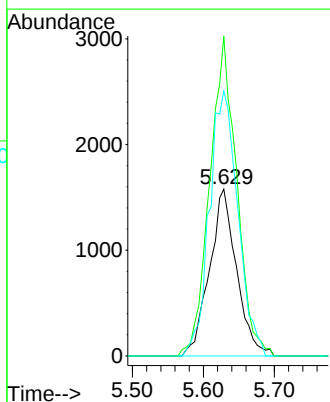
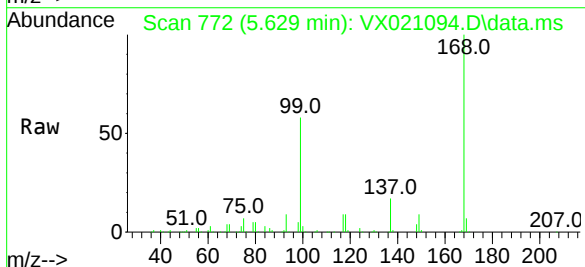
RT: 5.629 min Scan# 772

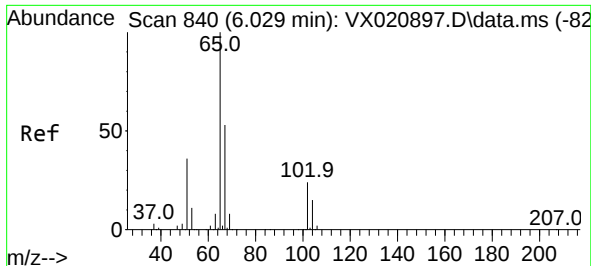
Delta R.T. 0.082 min

Lab File: VX021094.D

Acq: 09 Mar 2021 04:35

Tgt Ion:	56	Resp:	4188
Ion	Ratio	Lower	Upper
56	100		
69	191.8	25.3	37.9#
84	158.9	71.4	107.0#

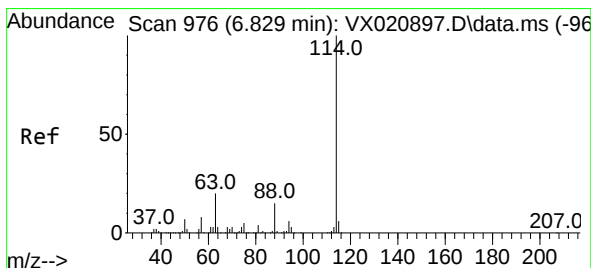
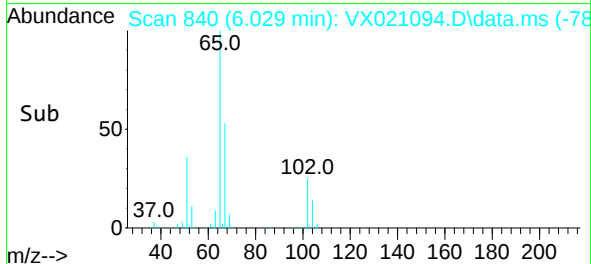
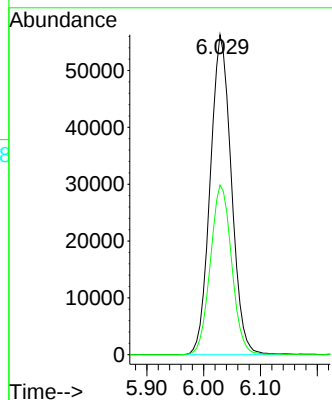
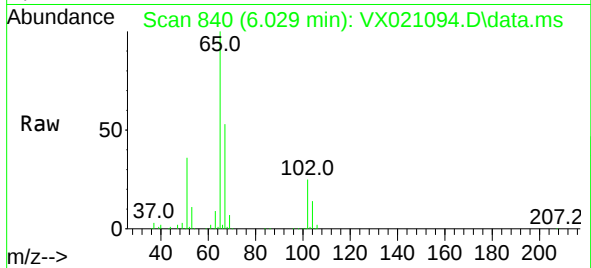




#33
 1,2-Dichloroethane-d4
 Concen: 49.45 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021094.D
 Acq: 09 Mar 2021 04:35

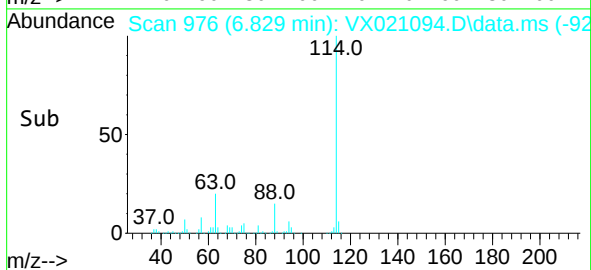
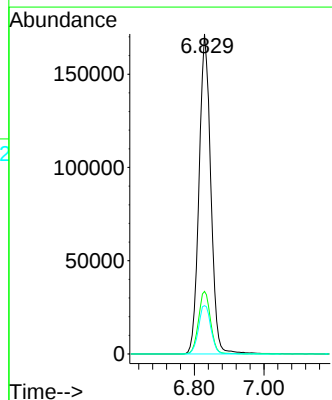
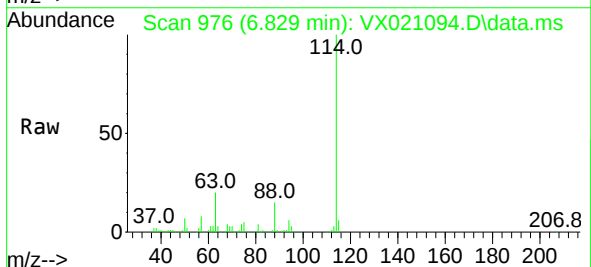
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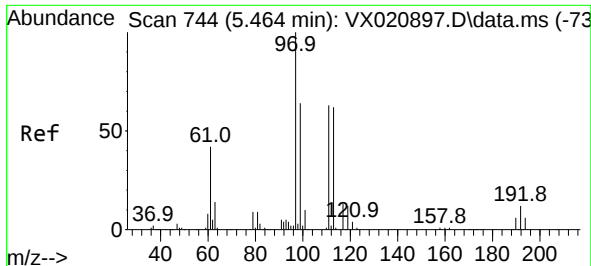
Tgt Ion: 65 Resp: 145297
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021094.D
 Acq: 09 Mar 2021 04:35

Tgt Ion: 114 Resp: 401649
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.1 0.0 32.8

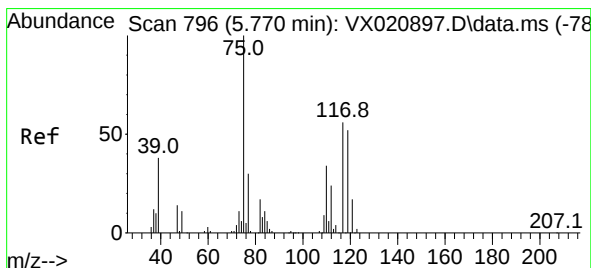
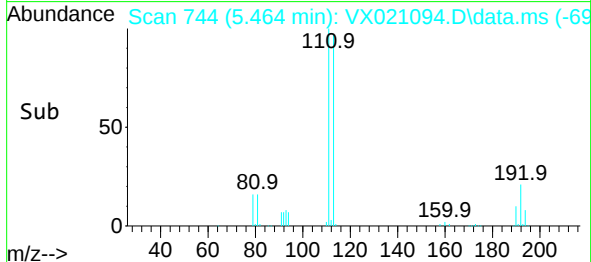
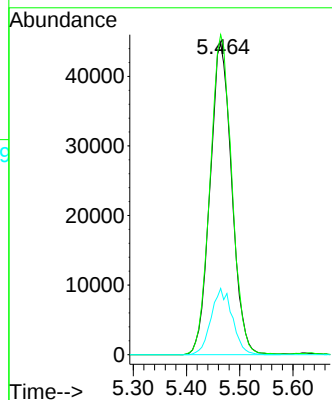
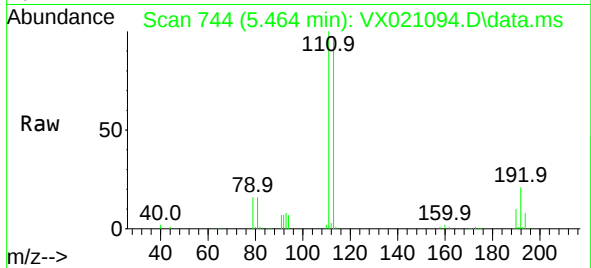




#35
Dibromofluoromethane
Concen: 51.88 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

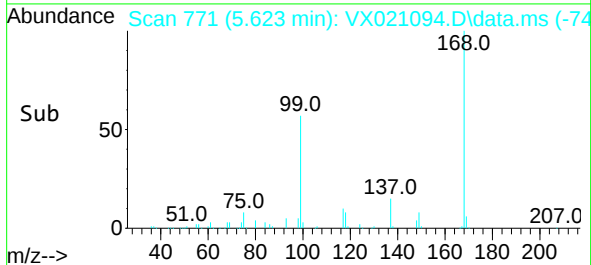
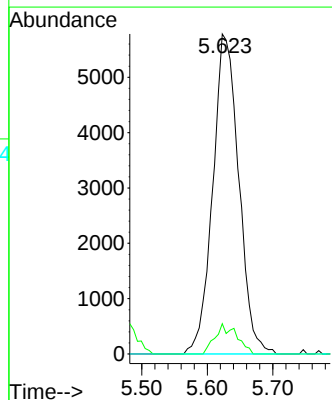
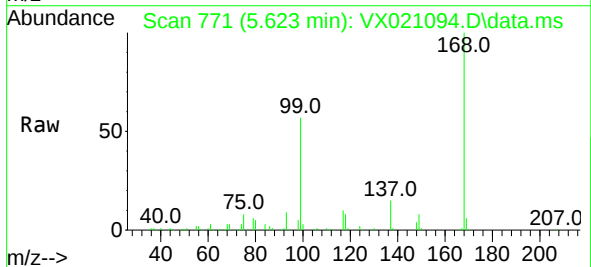
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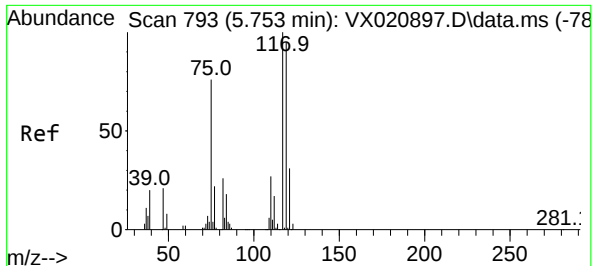
Tgt Ion:113 Resp: 126596
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

Tgt Ion: 75 Resp: 15904
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#

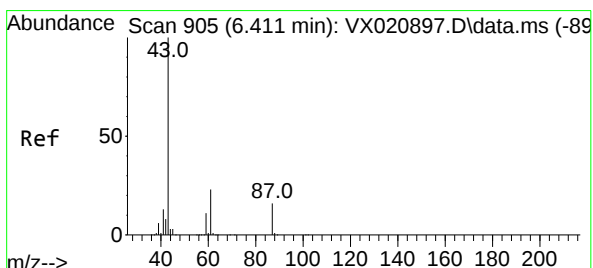
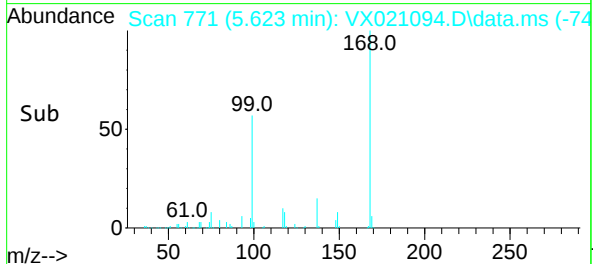
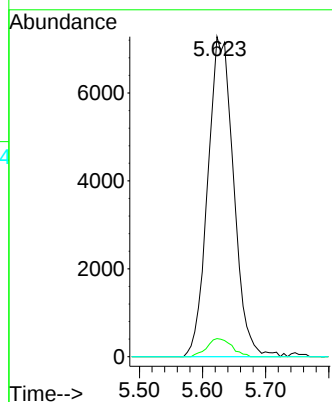
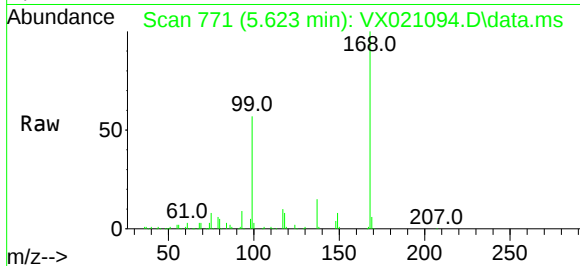




#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

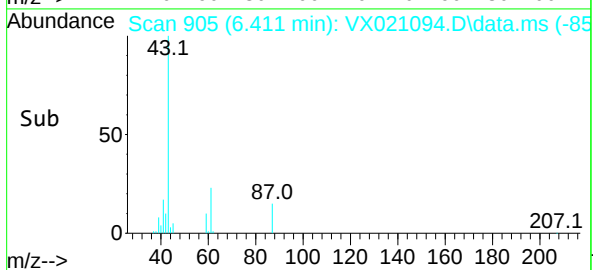
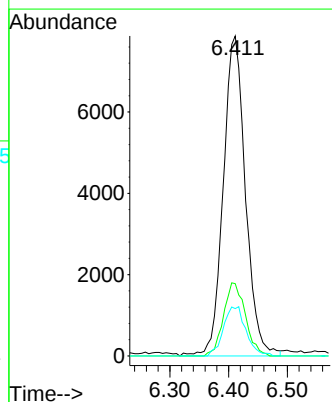
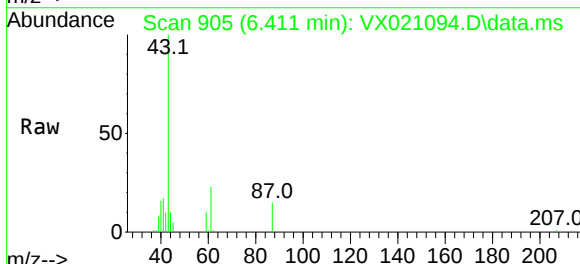
Instrument :
MSVOA_X
ClientSampleId :
72-11939-VNJ-229

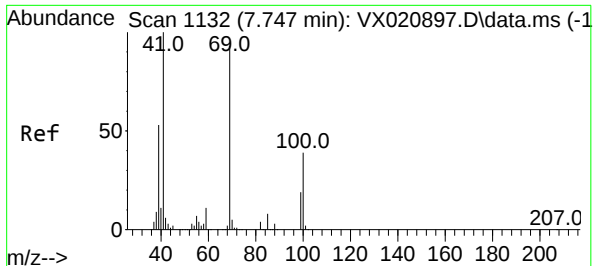
Tgt Ion:117 Resp: 20691
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 3.35 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

Tgt Ion: 43 Resp: 20683
Ion Ratio Lower Upper
43 100
61 22.5 18.2 27.4
87 15.6 12.5 18.7





#48

Methyl methacrylate

Concen: 1.72 ug/l

RT: 7.647 min Scan# 1115

Delta R.T. -0.100 min

Lab File: VX021094.D

Acq: 09 Mar 2021 04:35

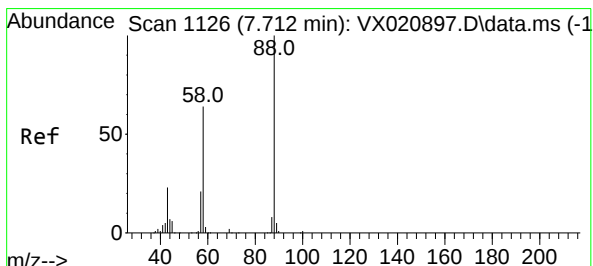
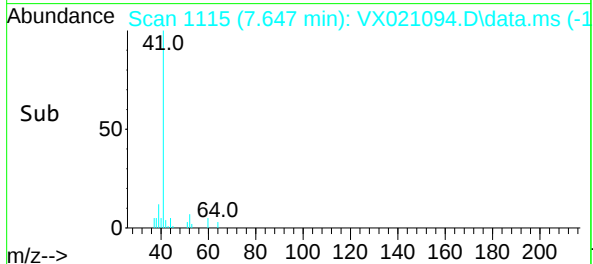
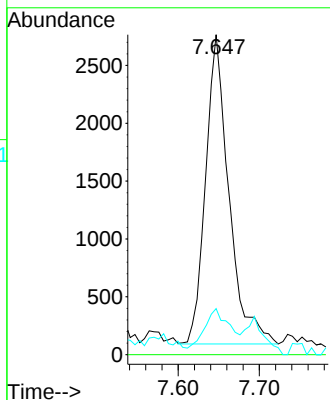
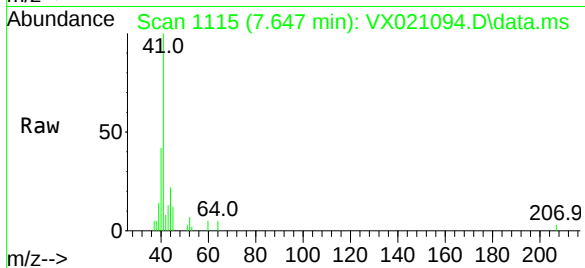
Instrument :

MSVOA_X

ClientSampleId :

72-11939-VNJ-229

Tgt Ion:	41	Resp:	5339
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



#49

1,4-Dioxane

Concen: 3.11 ug/l

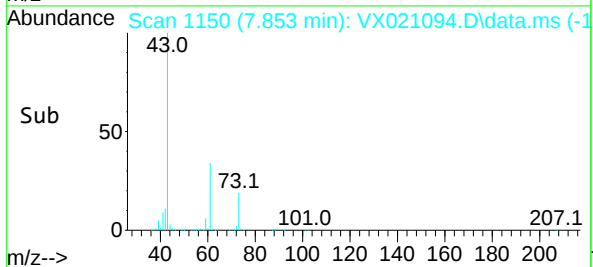
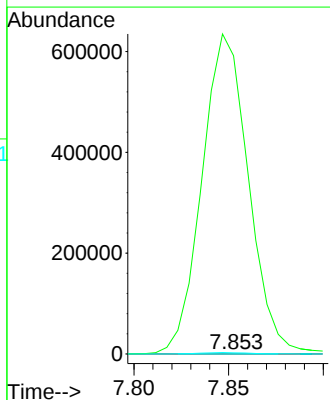
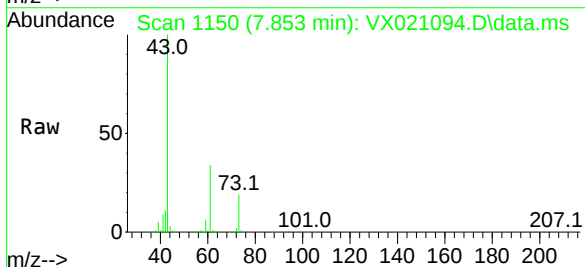
RT: 7.853 min Scan# 1150

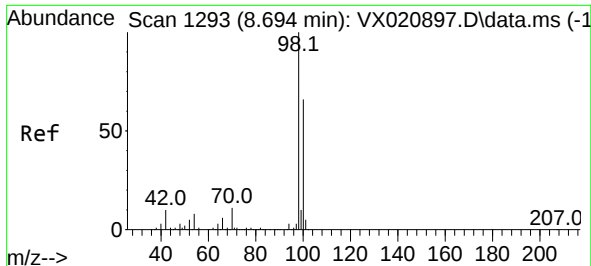
Delta R.T. 0.141 min

Lab File: VX021094.D

Acq: 09 Mar 2021 04:35

Tgt Ion:	88	Resp:	225
Ion	Ratio	Lower	Upper
88	100		
43	487668.9	23.2	34.8#
58	2126.7	55.0	82.4#

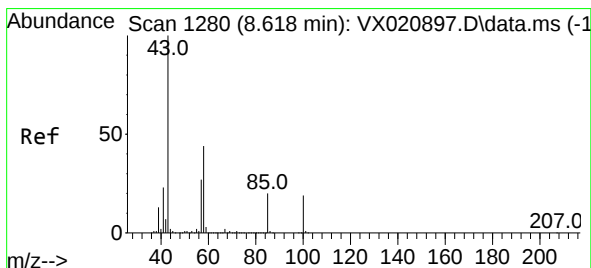
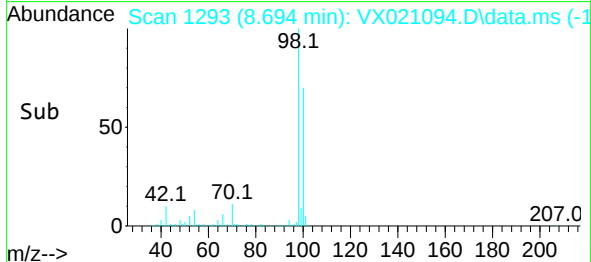
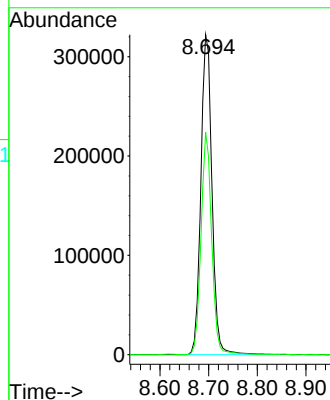
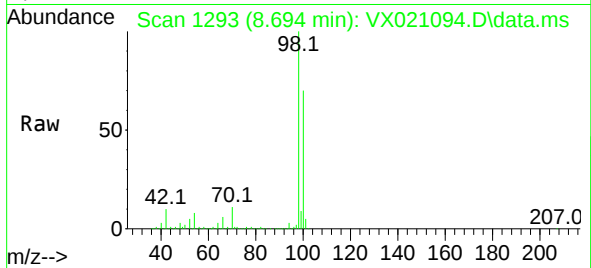




#50
Toluene-d8
Concen: 53.77 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

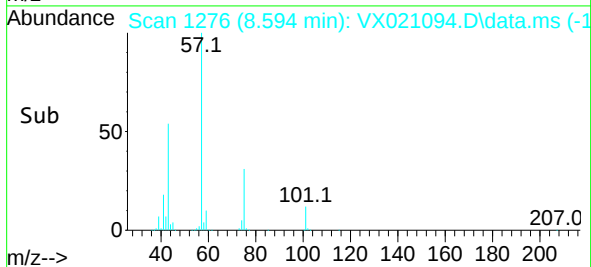
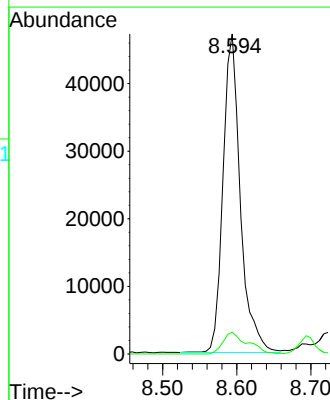
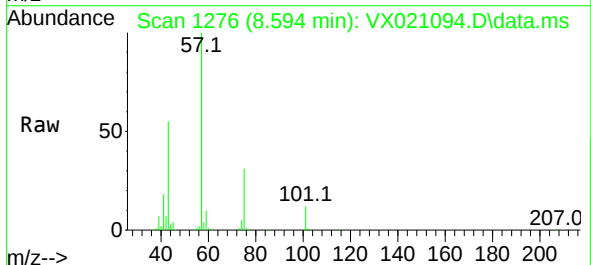
Instrument :
MSVOA_X
ClientSampleId :
72-11939-VNJ-229

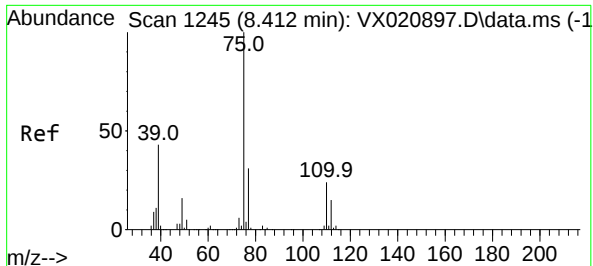
Tgt Ion: 98 Resp: 511588
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 21.31 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

Tgt Ion: 43 Resp: 76653
Ion Ratio Lower Upper
43 100
58 9.7 35.4 53.0#

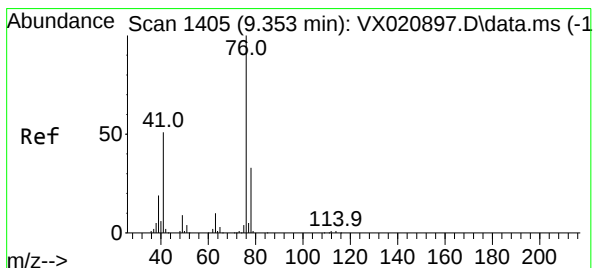
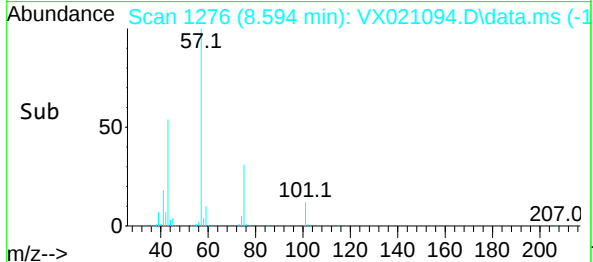
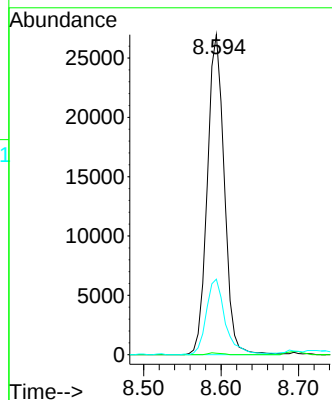
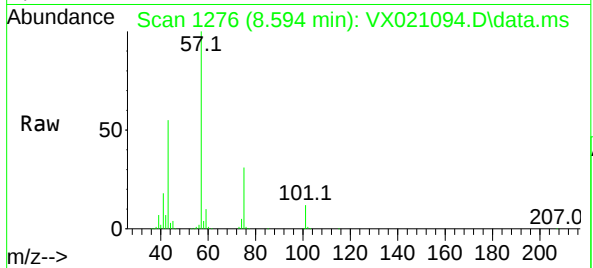




#54
 cis-1,3-Dichloropropene
 Concen: 8.30 ug/l
 RT: 8.594 min Scan# 1276
 Delta R.T. 0.182 min
 Lab File: VX021094.D
 Acq: 09 Mar 2021 04:35

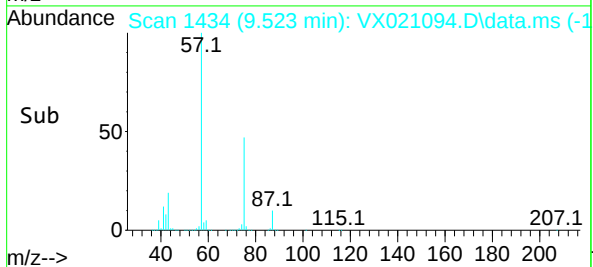
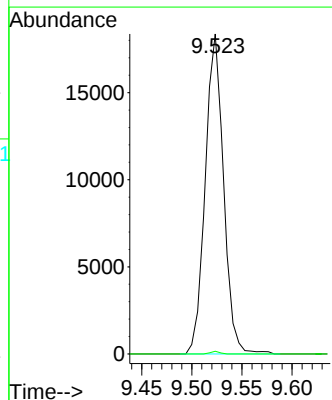
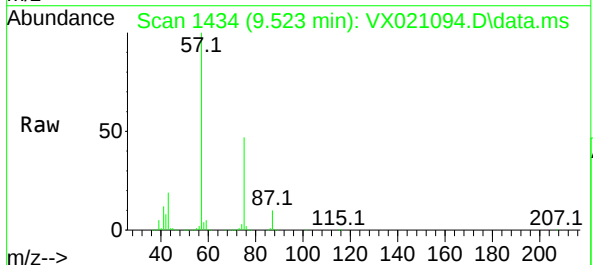
Instrument :
 MSVOA_X
 ClientSampleId :
 72-11939-VNJ-229

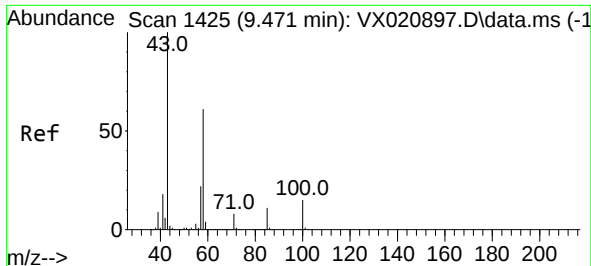
Tgt Ion: 75 Resp: 41002
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 23.6 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 4.85 ug/l
 RT: 9.523 min Scan# 1434
 Delta R.T. 0.170 min
 Lab File: VX021094.D
 Acq: 09 Mar 2021 04:35

Tgt Ion: 76 Resp: 23431
 Ion Ratio Lower Upper
 76 100
 78 0.4 26.2 39.2#

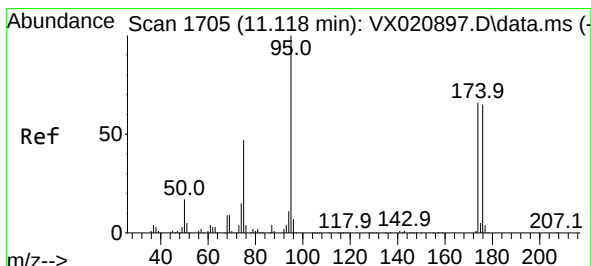
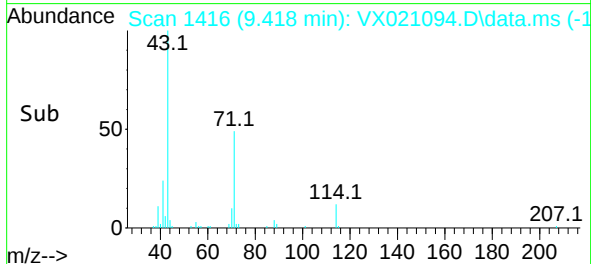
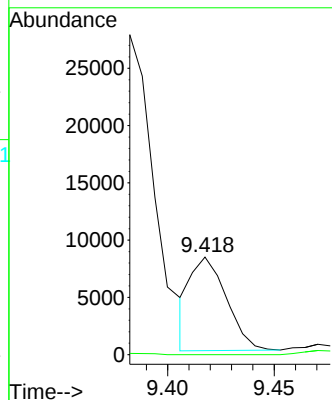
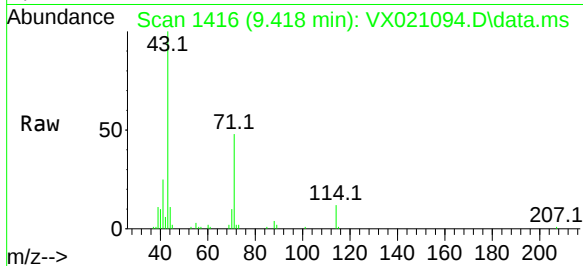




#59
2-Hexanone
Concen: 3.57 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

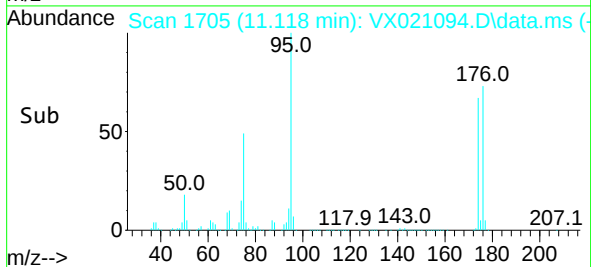
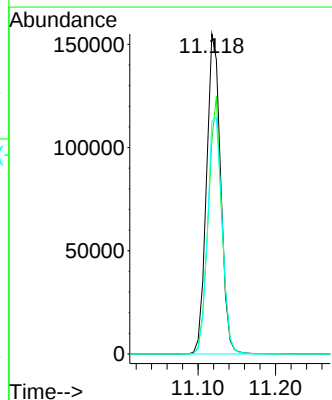
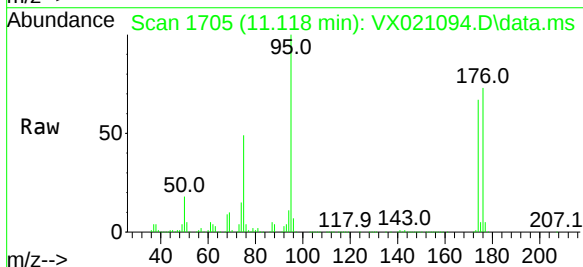
Instrument :
MSVOA_X
ClientSampleId :
72-11939-VNJ-229

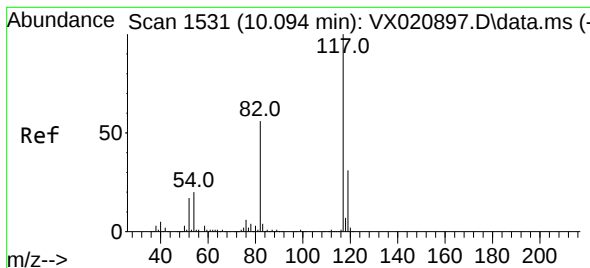
Tgt Ion: 43 Resp: 9635
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 55.75 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

Tgt Ion: 95 Resp: 196154
Ion Ratio Lower Upper
95 100
174 76.4 0.0 154.6
176 76.4 0.0 155.8

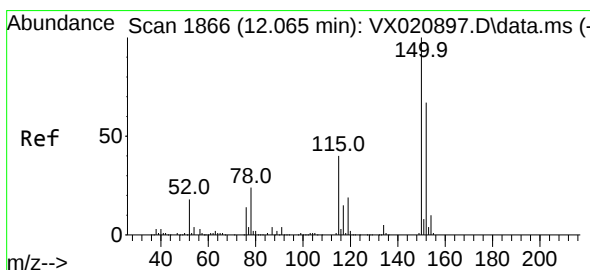
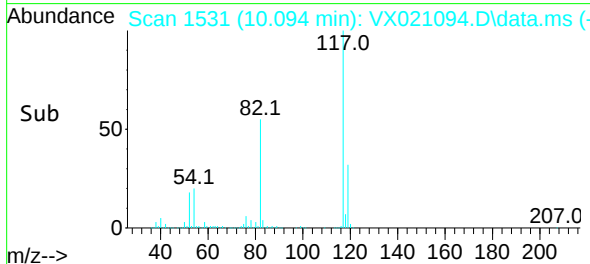
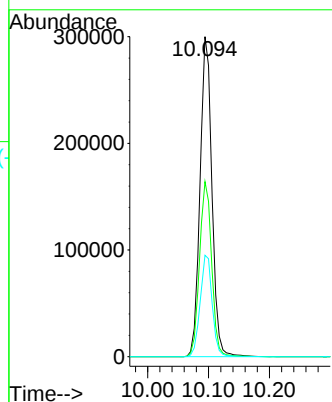
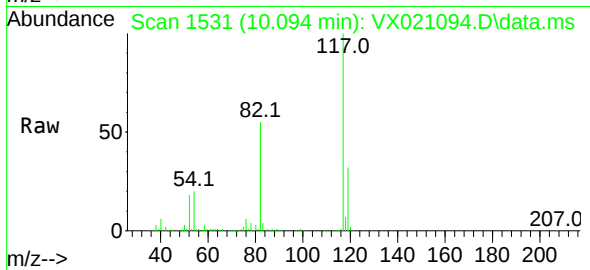




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

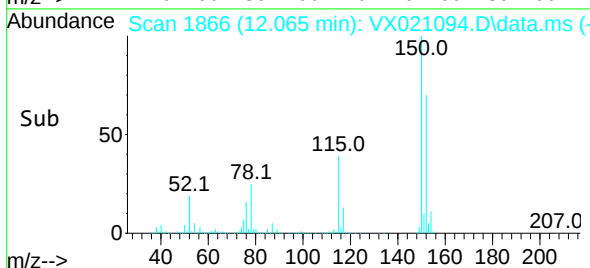
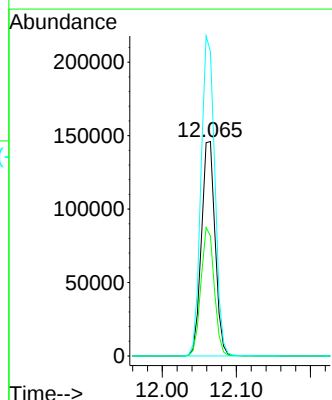
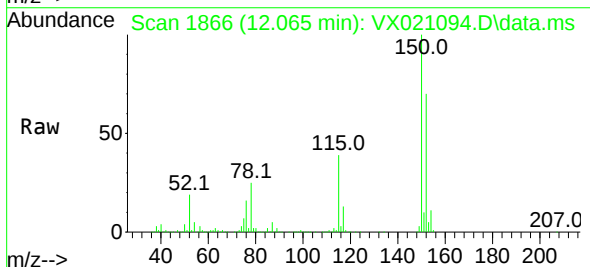
Instrument :
MSVOA_X
ClientSampleId :
72-11939-VNJ-229

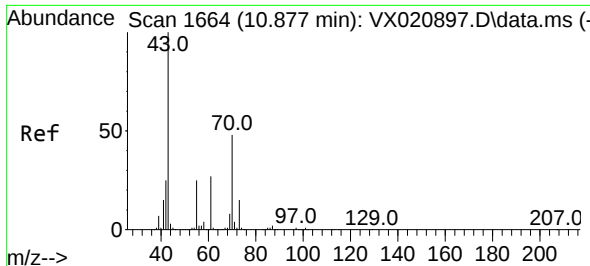
Tgt Ion:117 Resp: 407168
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

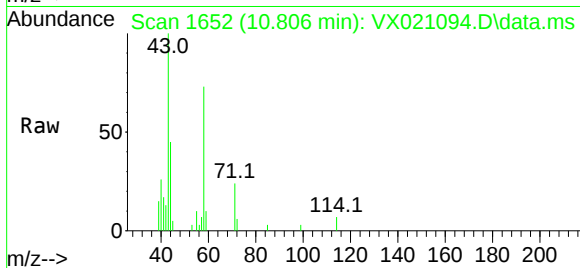
Tgt Ion:152 Resp: 187367
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 150.2 0.0 349.0



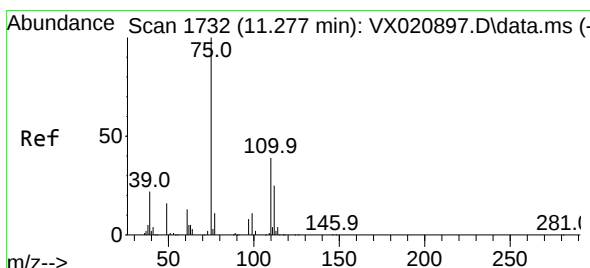
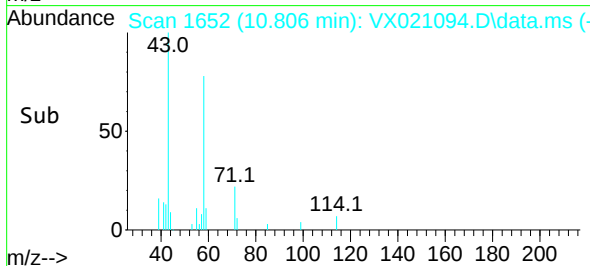
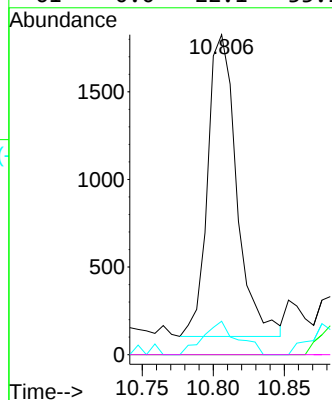


#74
N-amy1 acetate
Concen: 0.41 ug/l
RT: 10.806 min Scan# 1652
Delta R.T. -0.071 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

Instrument :
MSVOA_X
ClientSampleId :
72-11939-VNJ-229

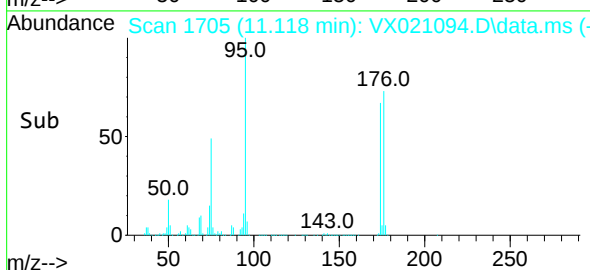
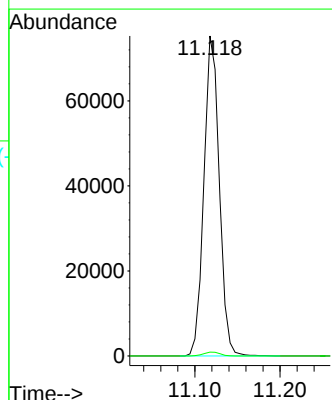
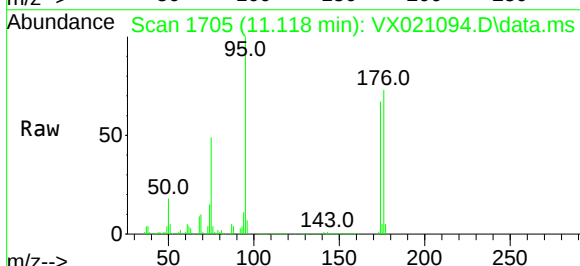


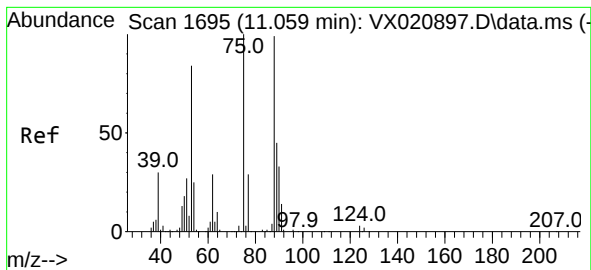
Tgt Ion:	43	Resp:	2449
Ion Ratio	100	Lower	Upper
70	0.0	39.0	58.6#
55	13.1	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 23.39 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021094.D
Acq: 09 Mar 2021 04:35

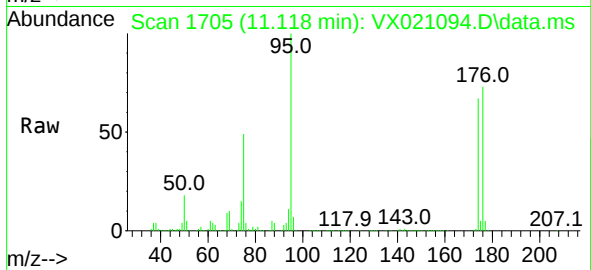
Tgt Ion:	75	Resp:	94284
Ion Ratio	100	Lower	Upper
77	1.3	19.1	57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.79 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021094.D
 Acq: 09 Mar 2021 04:35

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11939-VNJ-229



Tgt Ion: 75 Resp: 94284
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

