

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021088.D
 Acq On : 09 Mar 2021 02:17
 Operator : JC/MD
 Sample : PB135028ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135028ZHE#06

Quant Time: Mar 09 04:25:07 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

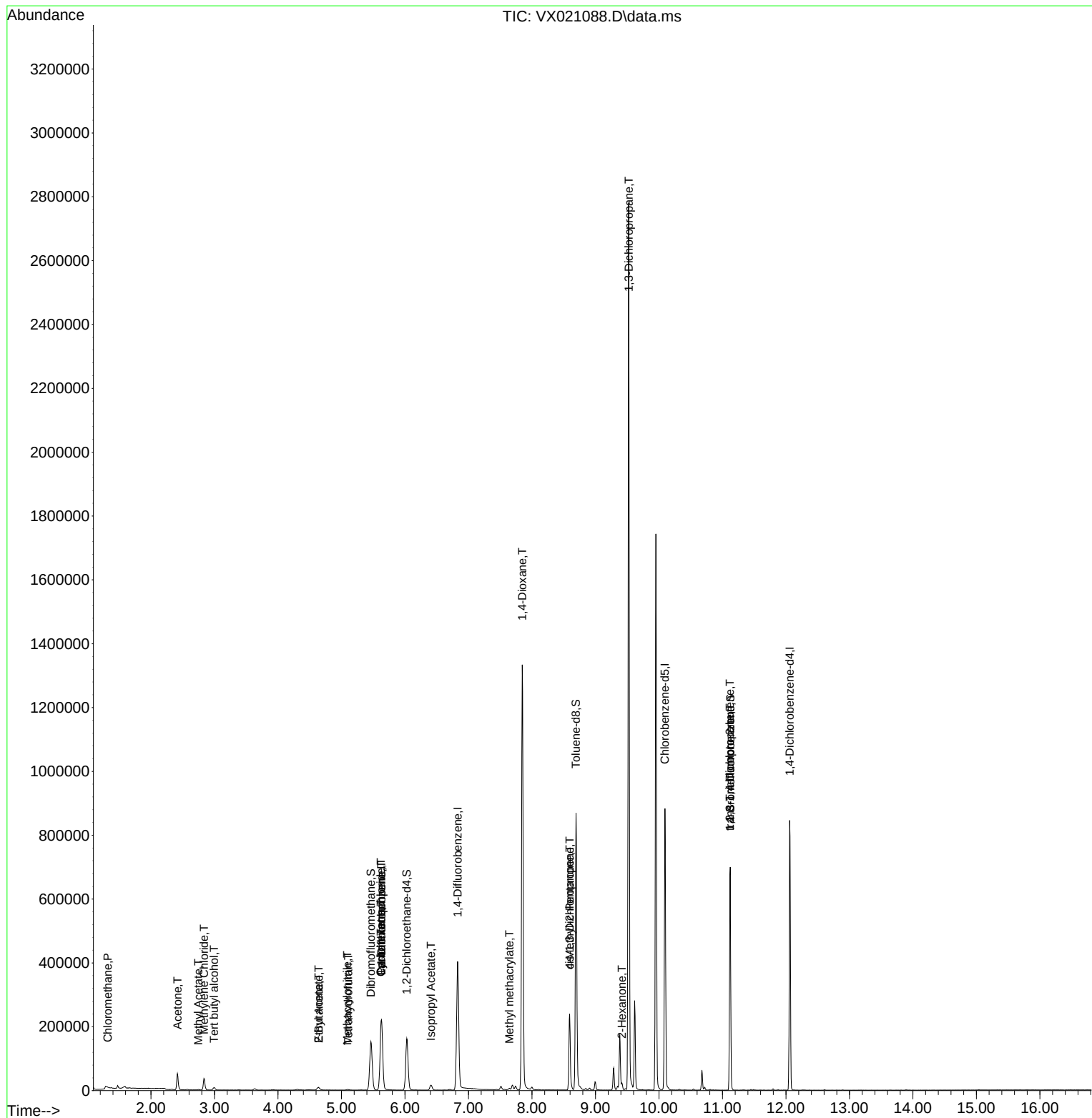
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	221372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	414727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	409133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	183136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	151298	50.60	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.20%
35) Dibromofluoromethane	5.464	113	133212	52.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.74%
50) Toluene-d8	8.694	98	529208	53.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.72%
62) 4-Bromofluorobenzene	11.123	95	198977	54.77	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.54%
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	679	0.26	ug/l #	88
5) Bromomethane	1.634	94	450	Below Cal	#	79
11) Tert butyl alcohol	2.993	59	5387	8.09	ug/l #	83
16) Acetone	2.416	43	52344	42.48	ug/l	97
18) Methyl Acetate	2.746	43	1551	0.53	ug/l	100
20) Methylene Chloride	2.834	84	17235	5.83	ug/l	97
25) 2-Butanone	4.640	43	11288	6.03	ug/l	99
29) Tetrahydrofuran	5.105	42	1726	1.44	ug/l #	82
31) Cyclohexane	5.623	56	4281	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	17278	4.38	ug/l #	48
37) Ethyl Acetate	4.640	43	11288	3.01	ug/l #	64
38) Carbon Tetrachloride	5.623	117	20971	5.49	ug/l #	16
41) Methacrylonitrile	5.093	41	1055	0.50	ug/l #	44
43) Isopropyl Acetate	6.411	43	21243	3.33	ug/l	99
48) Methyl methacrylate	7.646	41	5834	1.82	ug/l #	10
49) 1,4-Dioxane	7.846	88	196	2.62	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	80097	21.56	ug/l #	47
54) cis-1,3-Dichloropropene	8.594	75	41892	8.21	ug/l #	57
57) 1,3-Dichloropropane	9.523	76	24884	4.99	ug/l #	43
59) 2-Hexanone	9.417	43	10606	3.81	ug/l #	19
76) 1,2,3-Trichloropropane	11.117	75	94182	23.91	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.117	75	94182	52.93	ug/l #	12

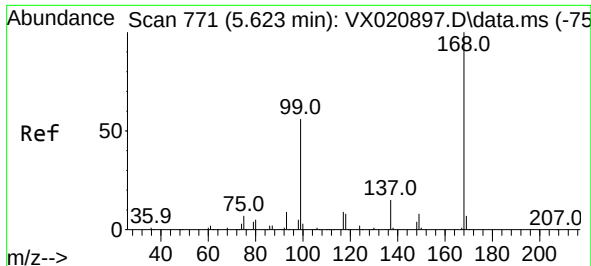
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

Quant Time: Mar 09 04:25:07 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

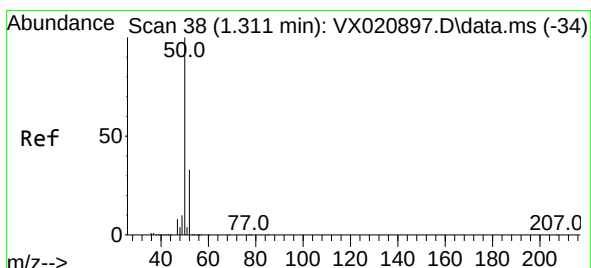
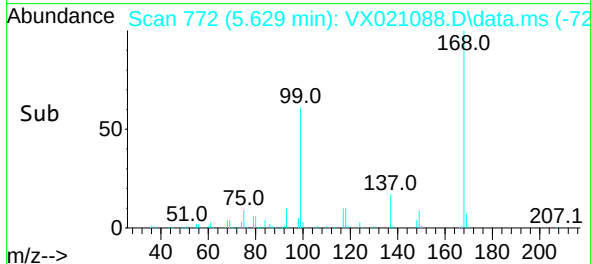
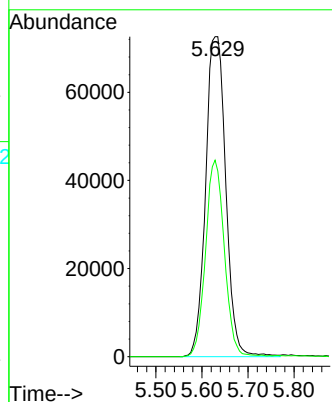
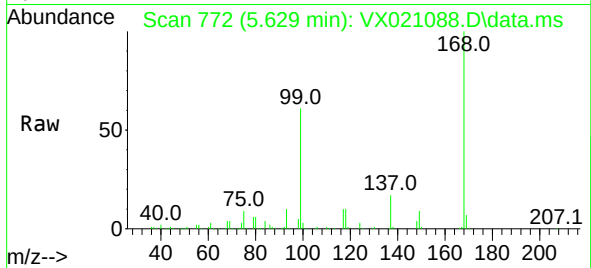




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

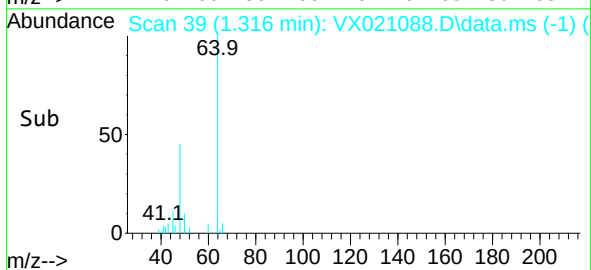
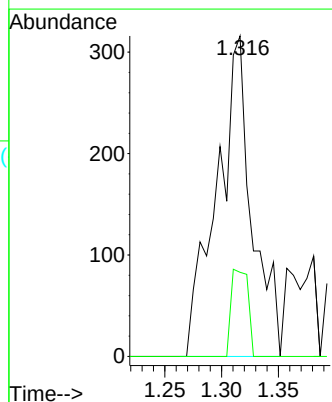
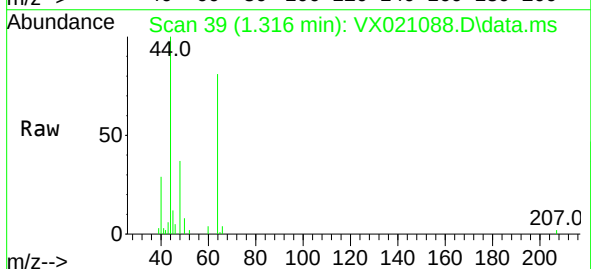
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

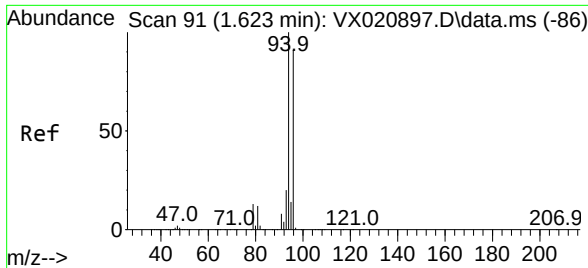
Tgt Ion:168 Resp: 221372
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

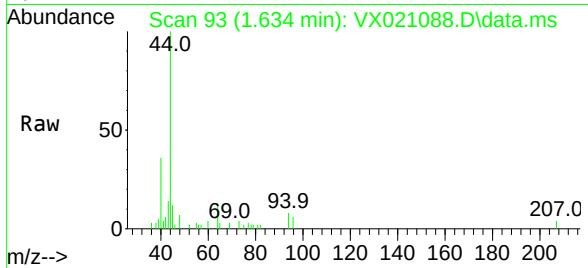
Tgt Ion: 50 Resp: 679
Ion Ratio Lower Upper
50 100
52 26.3 26.4 39.6#



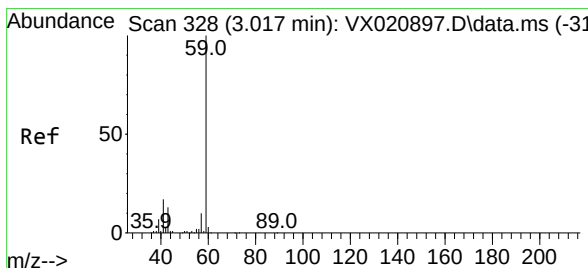
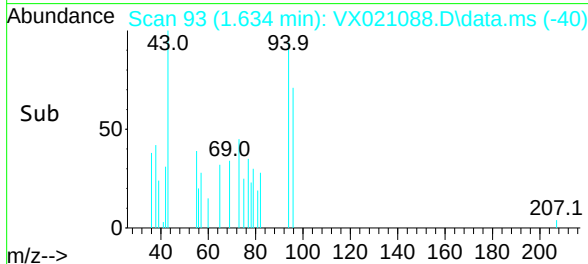
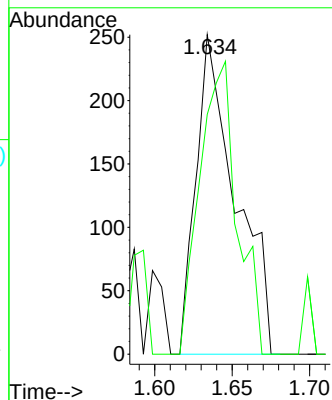


#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

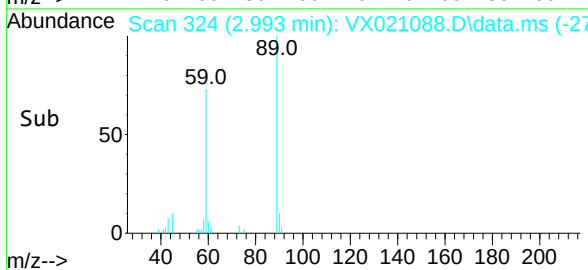
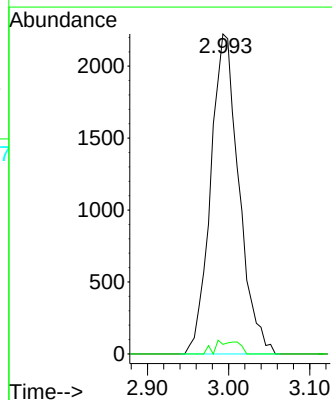
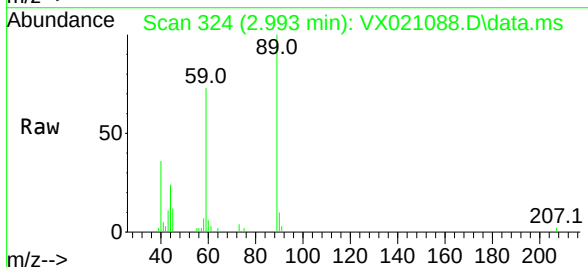


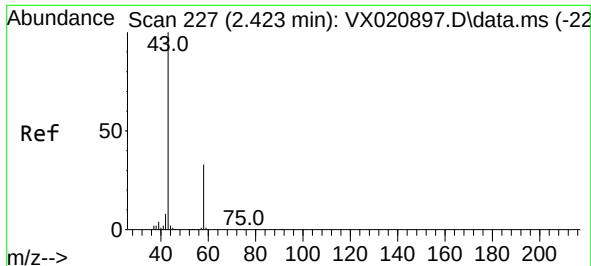
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 75.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 8.09 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Tgt Ion: 59 Resp: 5387
Ion Ratio Lower Upper
59 100
57 3.4 7.8 11.8#

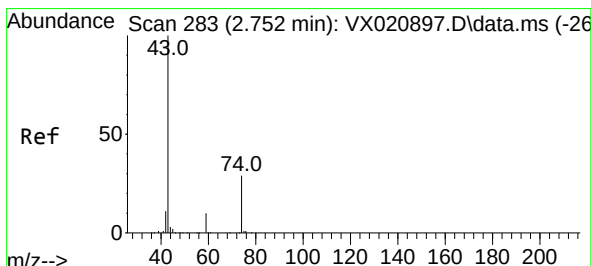
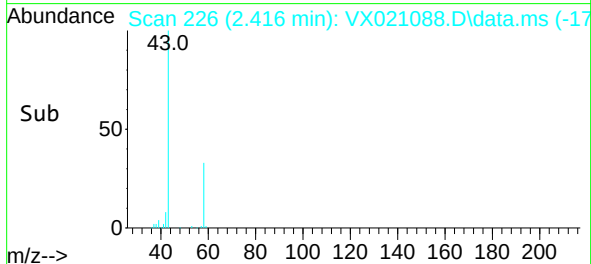
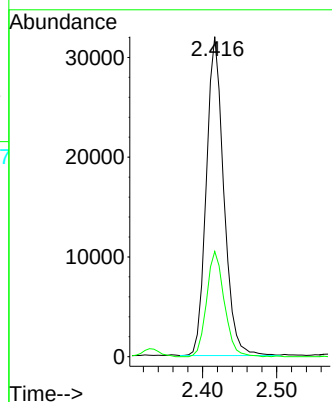
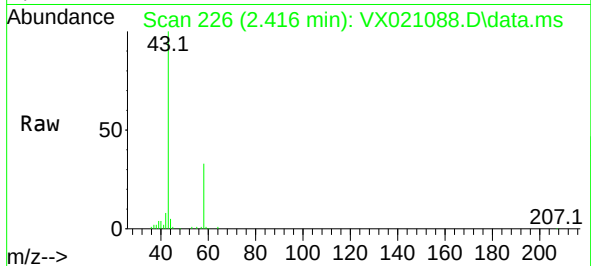




#16
Acetone
Concen: 42.48 ug/l
RT: 2.416 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

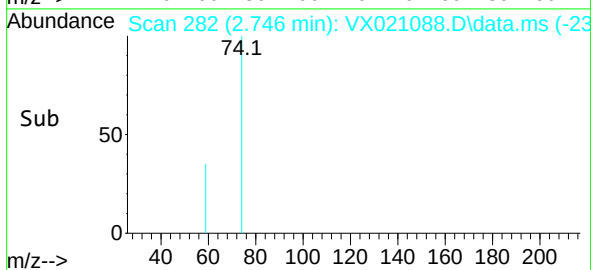
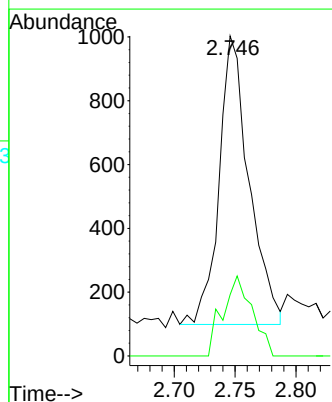
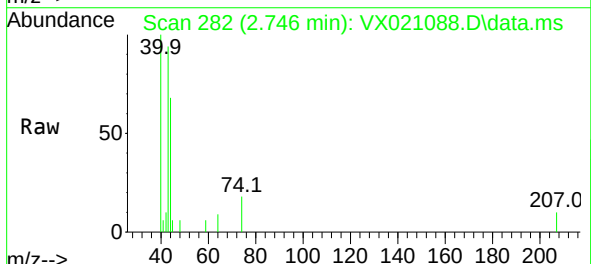
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

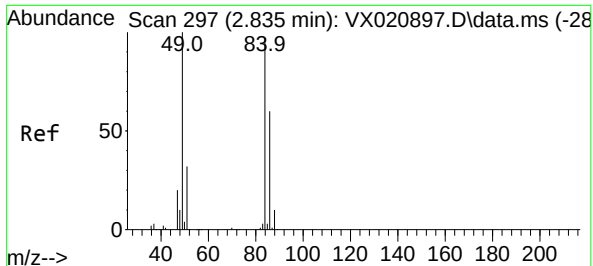
Tgt Ion: 43 Resp: 52344
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.53 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
74 27.2 21.9 32.9





#20

Methylene Chloride

Concen: 5.83 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021088.D

Acq: 09 Mar 2021 02:17

Tgt Ion: 84 Resp: 17235

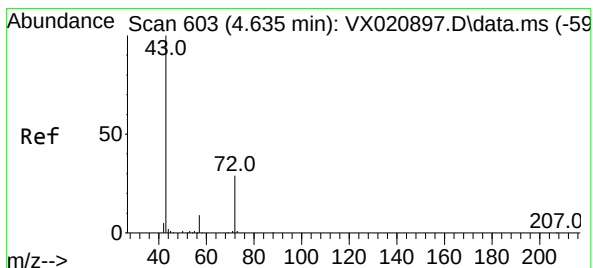
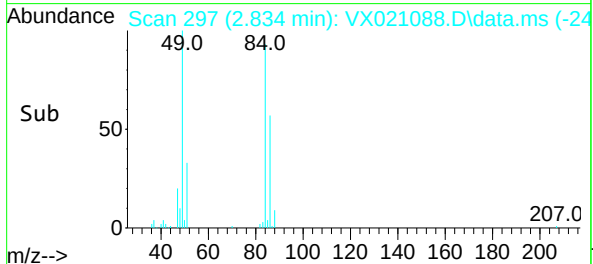
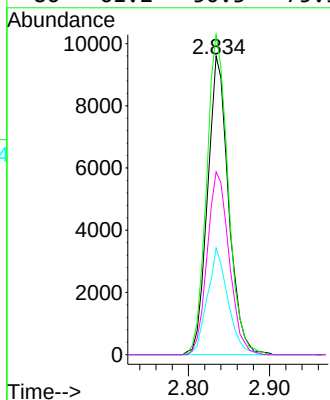
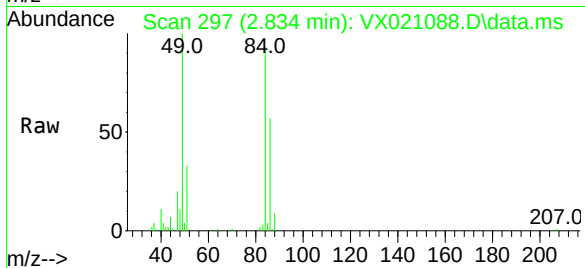
Ion Ratio Lower Upper

84 100

49 107.1 88.6 132.8

51 35.7 27.0 40.6

86 61.2 50.3 75.5



#25

2-Butanone

Concen: 6.03 ug/l

RT: 4.640 min Scan# 604

Delta R.T. 0.005 min

Lab File: VX021088.D

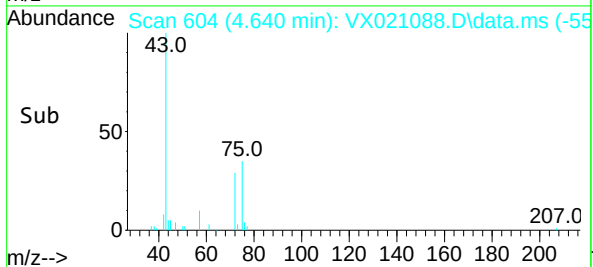
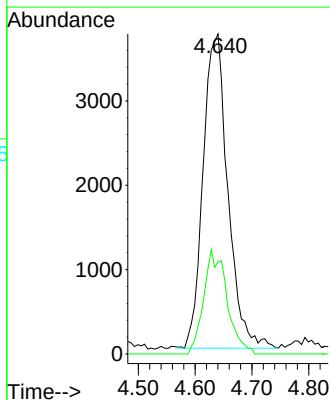
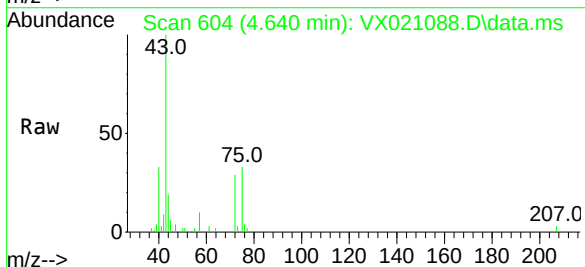
Acq: 09 Mar 2021 02:17

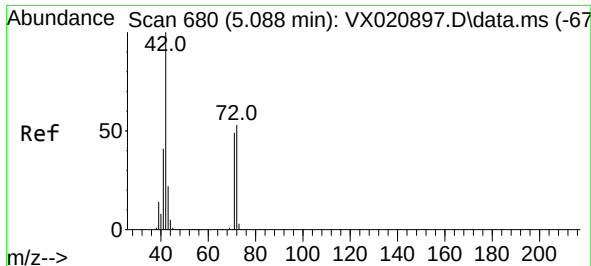
Tgt Ion: 43 Resp: 11288

Ion Ratio Lower Upper

43 100

72 29.3 23.7 35.5





#29

Tetrahydrofuran

Concen: 1.44 ug/l

RT: 5.105 min Scan# 683

Delta R.T. 0.017 min

Lab File: VX021088.D

Acq: 09 Mar 2021 02:17

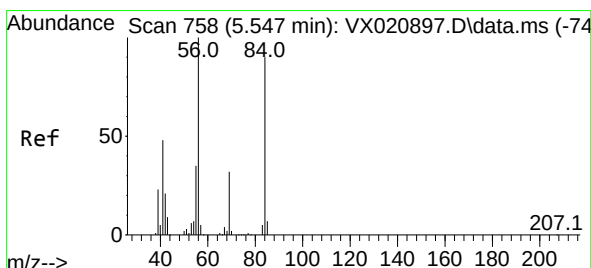
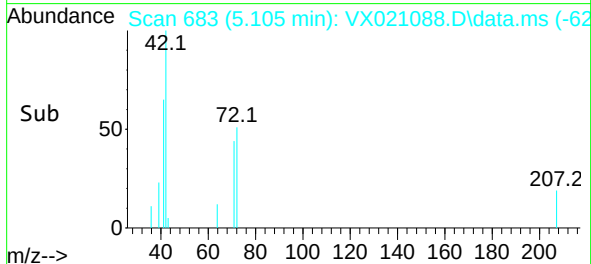
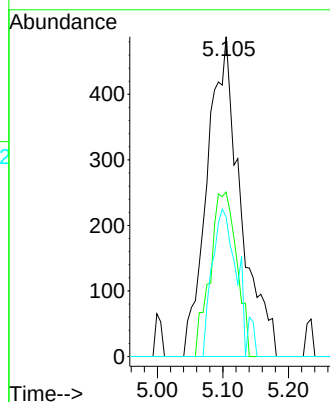
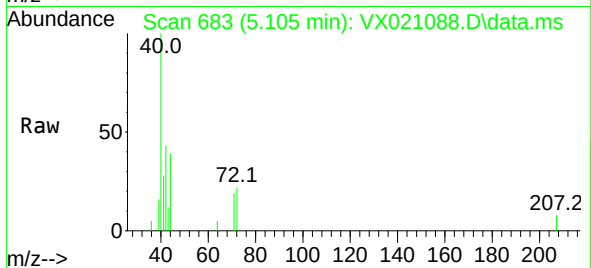
Instrument :

MSVOA_X

ClientSampleId :

PB135028ZHE#06

Tgt Ion:	42	Resp:	1726
Ion	Ratio	Lower	Upper
42	100		
72	40.9	41.7	62.5#
71	34.8	38.4	57.6#



#31

Cyclohexane

Concen: 0.99 ug/l

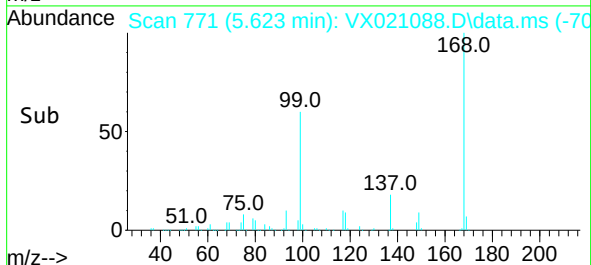
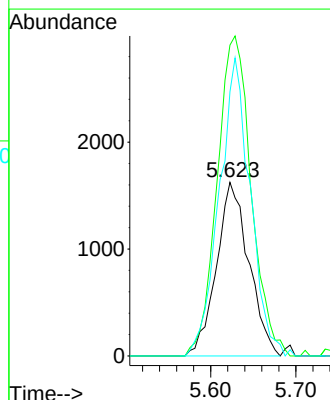
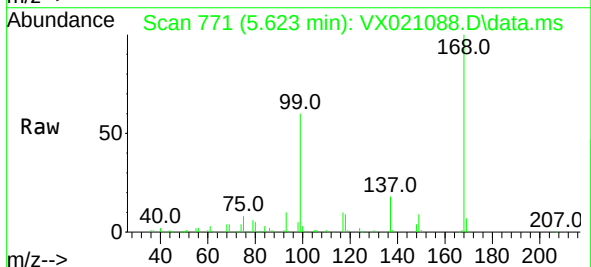
RT: 5.623 min Scan# 771

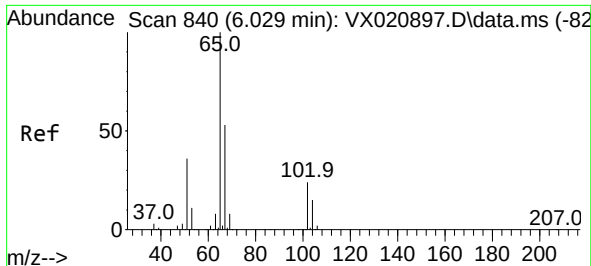
Delta R.T. 0.076 min

Lab File: VX021088.D

Acq: 09 Mar 2021 02:17

Tgt Ion:	56	Resp:	4281
Ion	Ratio	Lower	Upper
56	100		
69	179.0	25.3	37.9#
84	152.2	71.4	107.0#

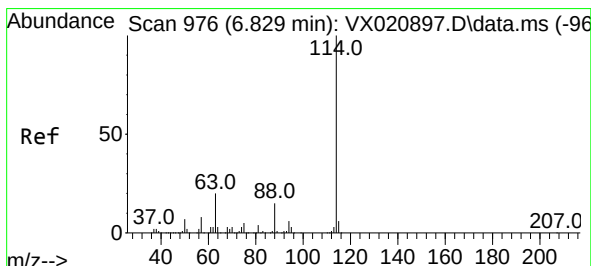
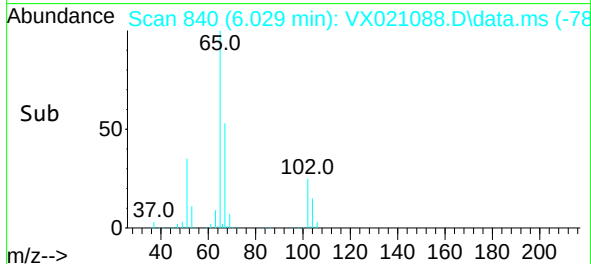
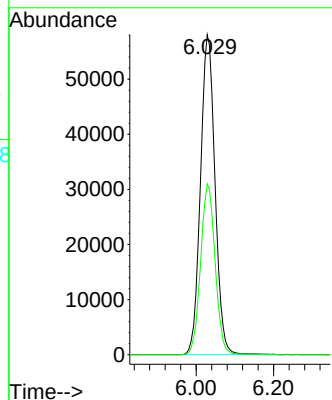
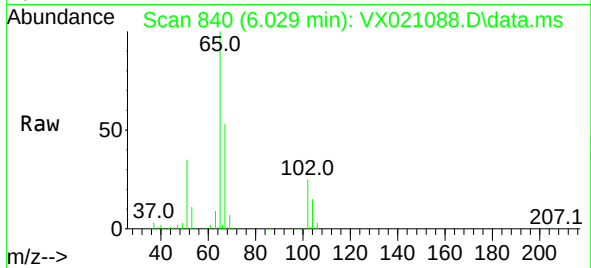




#33
 1,2-Dichloroethane-d4
 Concen: 50.60 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021088.D
 Acq: 09 Mar 2021 02:17

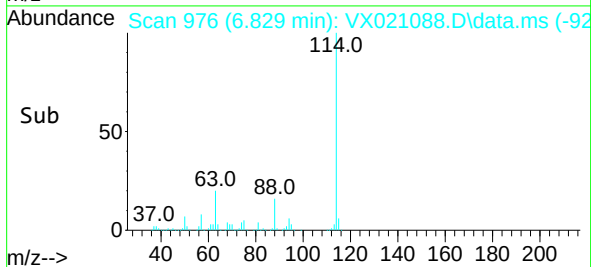
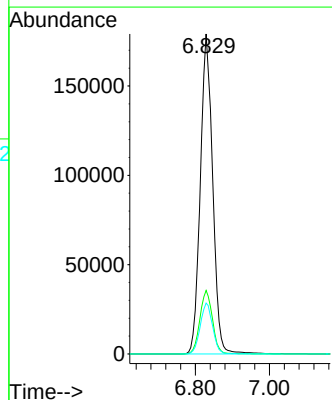
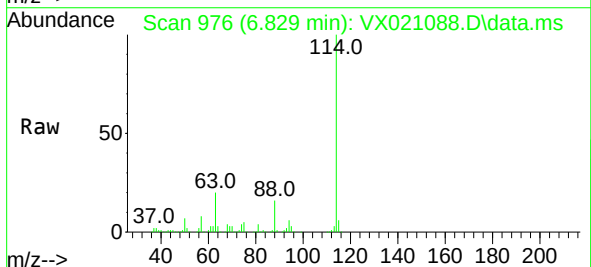
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 MSVOA_X
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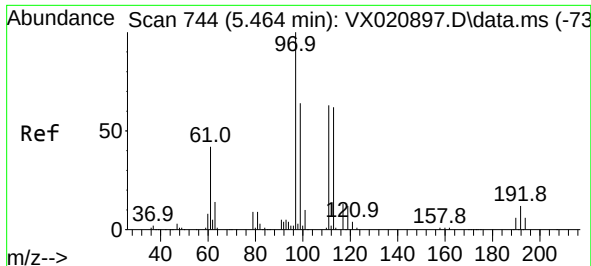
Tgt Ion: 65 Resp: 151298
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021088.D
 Acq: 09 Mar 2021 02:17

Tgt Ion: 114 Resp: 414727
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 15.9 0.0 32.8

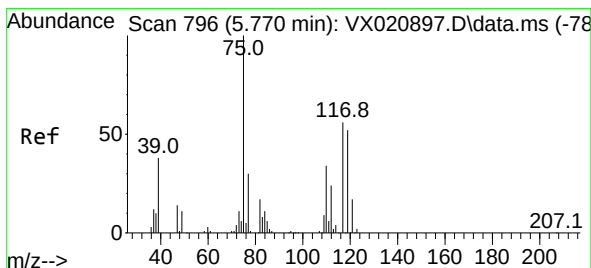
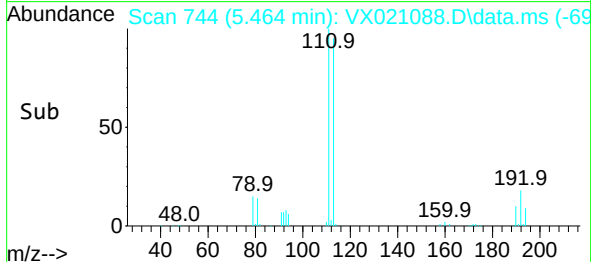
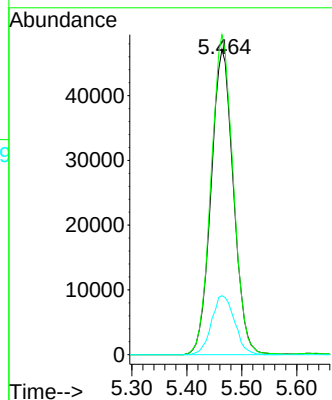
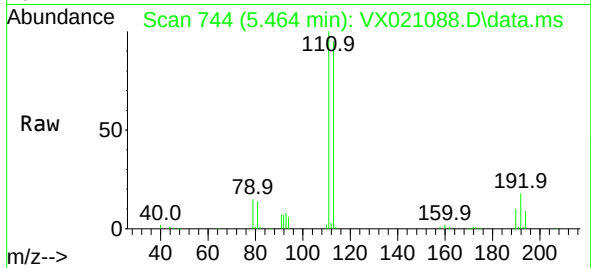




#35
Dibromofluoromethane
Concen: 52.87 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

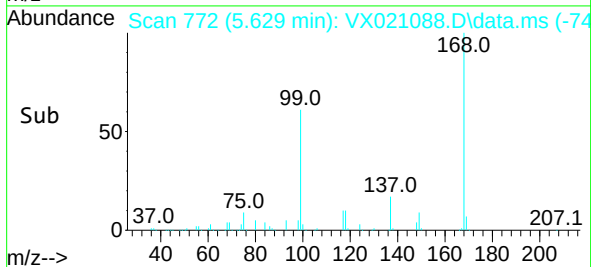
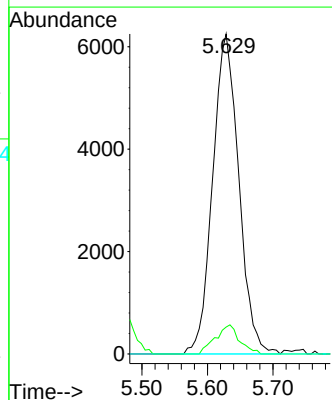
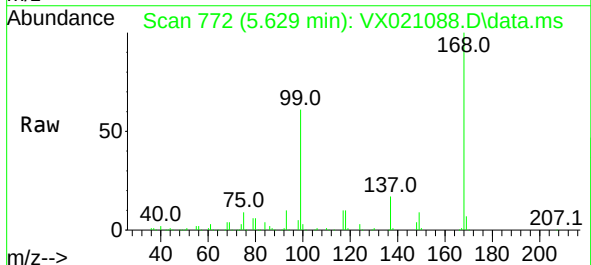
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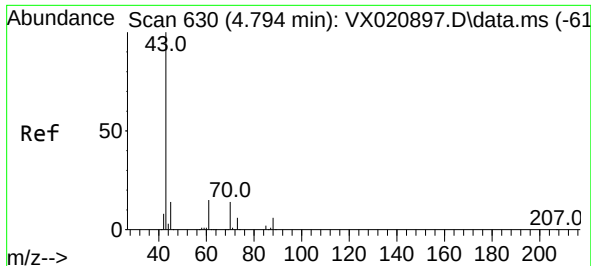
Tgt Ion:113 Resp: 133212
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 19.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.142 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Tgt Ion: 75 Resp: 17278
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.01 ug/l

RT: 4.640 min Scan# 604

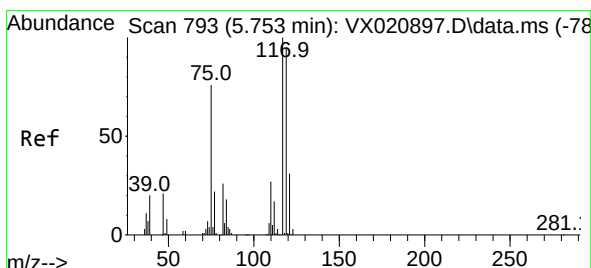
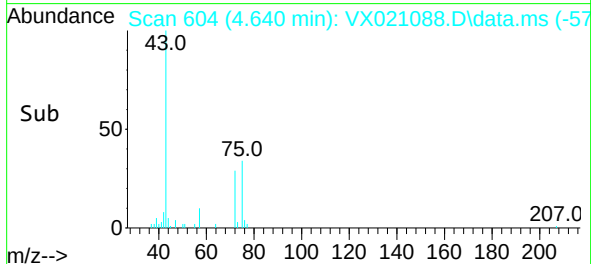
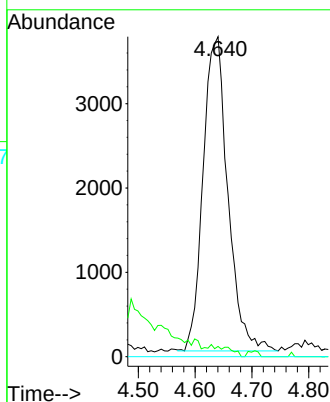
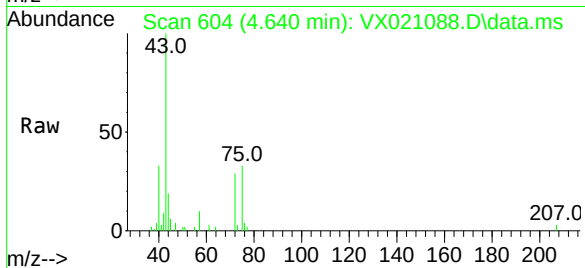
Delta R.T. -0.153 min

Lab File: VX021088.D

Acq: 09 Mar 2021 02:17

Tgt Ion:	43	Resp:	11288
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06



#38

Carbon Tetrachloride

Concen: 5.49 ug/l

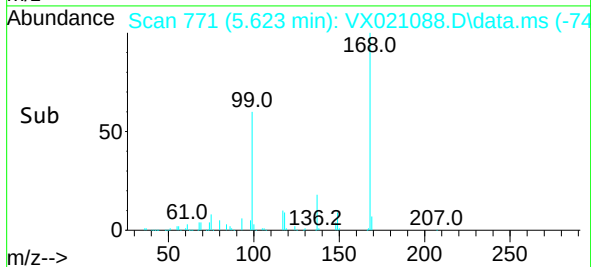
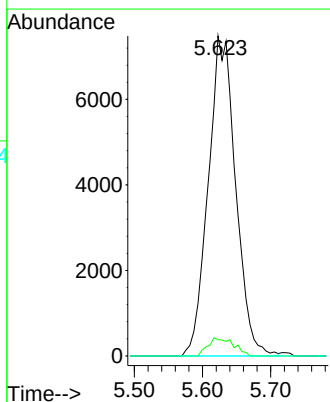
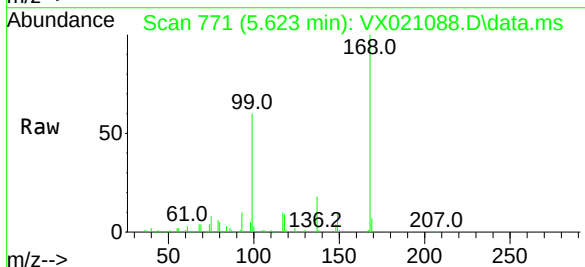
RT: 5.623 min Scan# 771

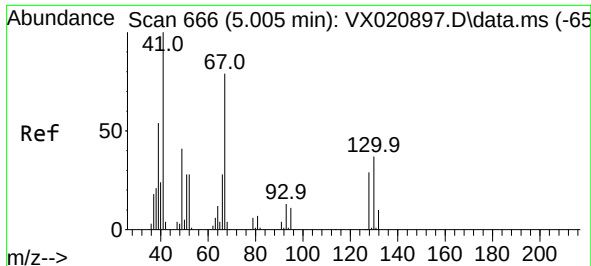
Delta R.T. -0.130 min

Lab File: VX021088.D

Acq: 09 Mar 2021 02:17

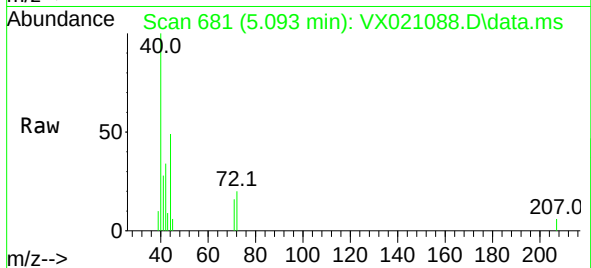
Tgt Ion:	117	Resp:	20971
Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	24.8	37.2#



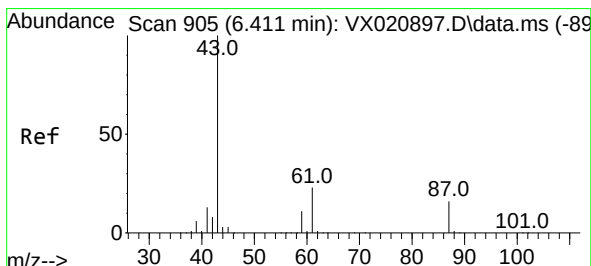
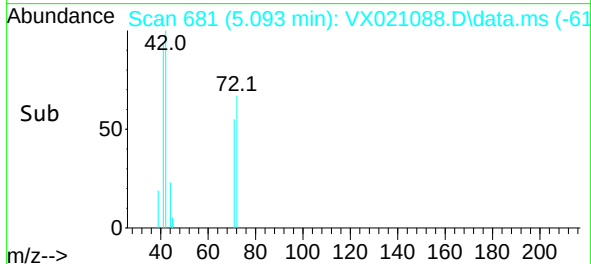
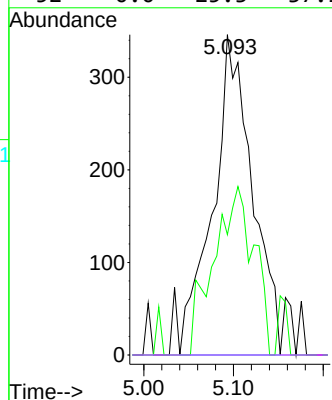


#41
Methacrylonitrile
Concen: 0.50 ug/l
RT: 5.093 min Scan# 681
Delta R.T. 0.088 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

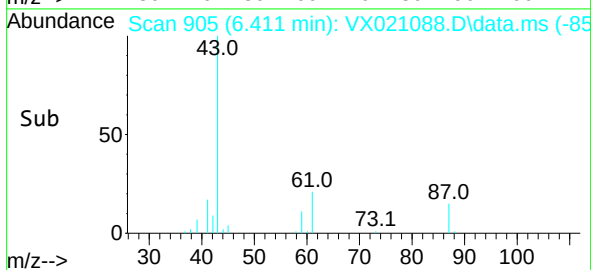
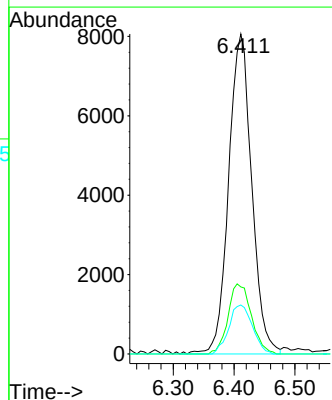
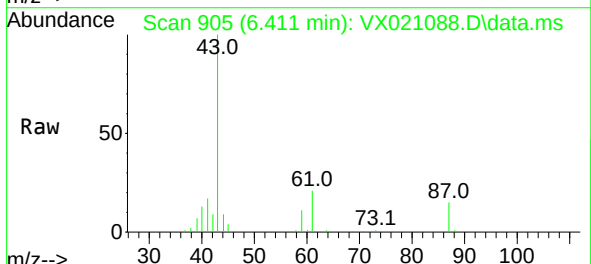


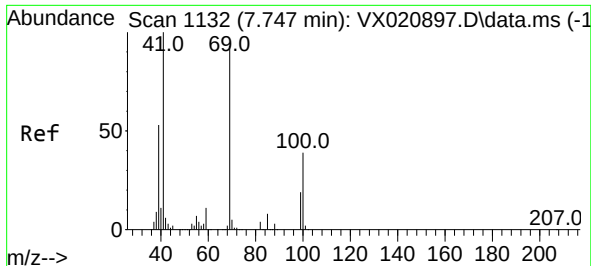
Tgt Ion:	41	Resp:	1055
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 3.33 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Tgt Ion:	43	Resp:	21243
Ion	Ratio	Lower	Upper
43	100		
61	22.1	18.2	27.4
87	15.7	12.5	18.7

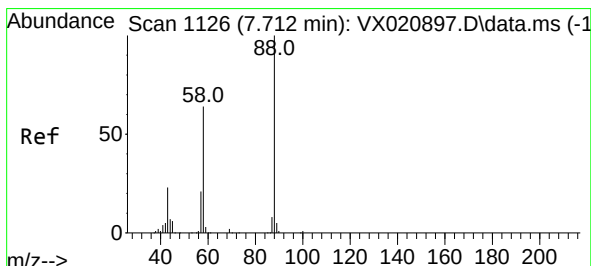
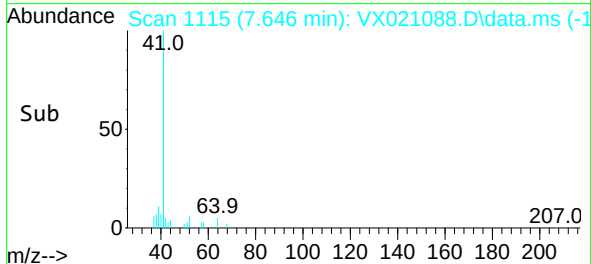
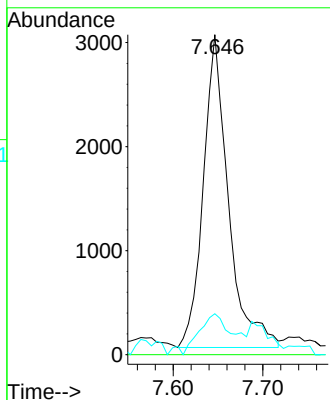
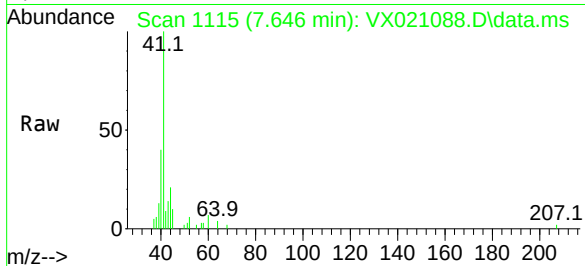




#48
Methyl methacrylate
Concen: 1.82 ug/l
RT: 7.646 min Scan# 1115
Delta R.T. -0.100 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

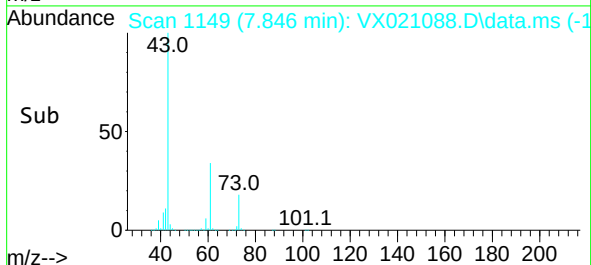
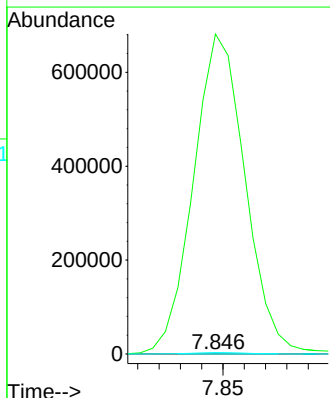
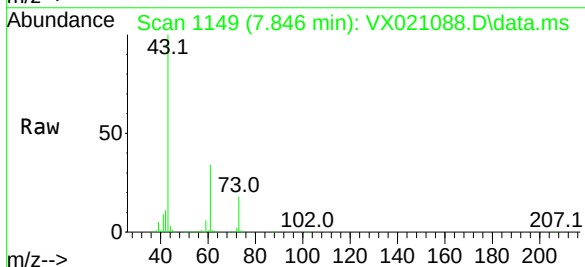
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

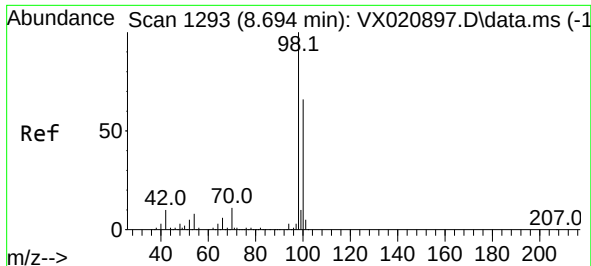
Tgt Ion: 41 Resp: 5834
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 2.62 ug/l
RT: 7.846 min Scan# 1149
Delta R.T. 0.135 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Tgt Ion: 88 Resp: 196
Ion Ratio Lower Upper
88 100
43 593296.4 23.2 34.8#
58 2623.0 55.0 82.4#

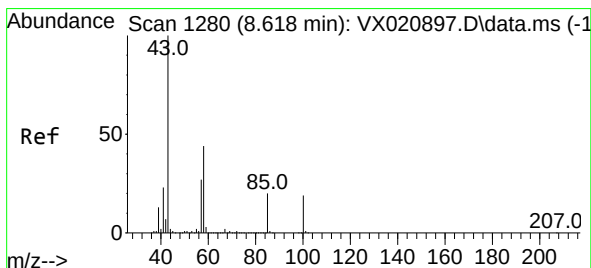
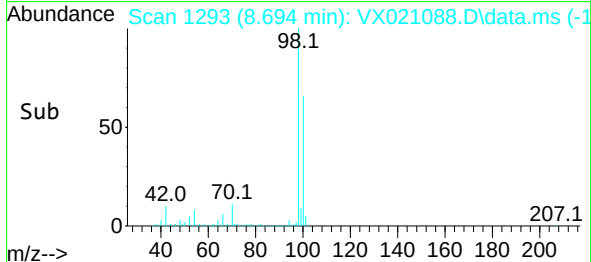
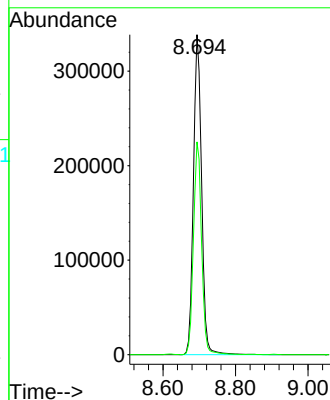
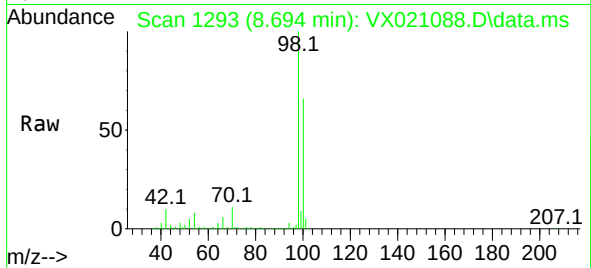




#50
Toluene-d8
Concen: 53.86 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

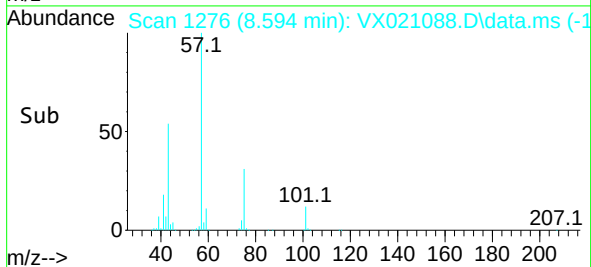
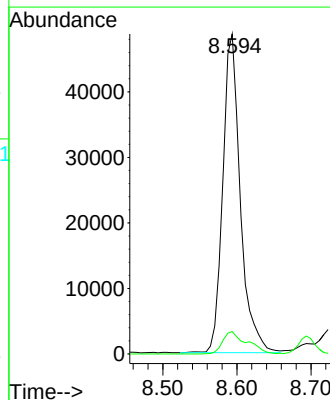
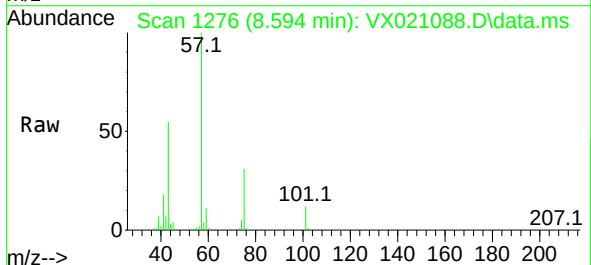
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

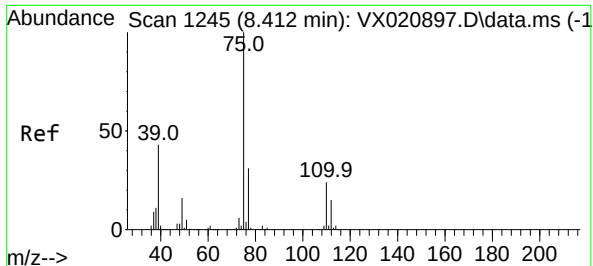
Tgt Ion: 98 Resp: 529208
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 21.56 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Tgt Ion: 43 Resp: 80097
Ion Ratio Lower Upper
43 100
58 9.7 35.4 53.0#

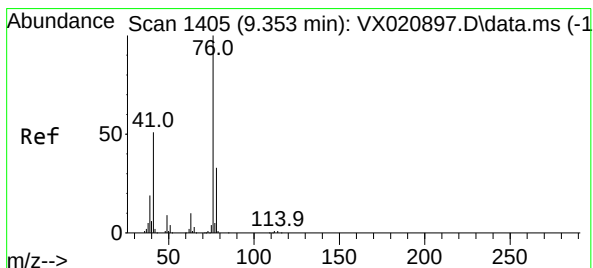
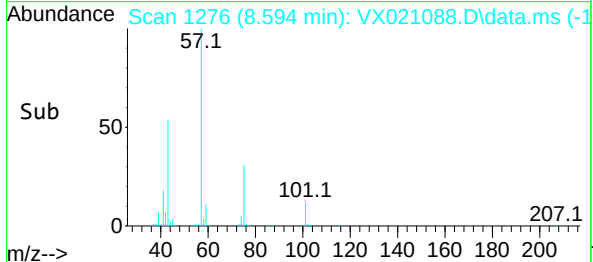
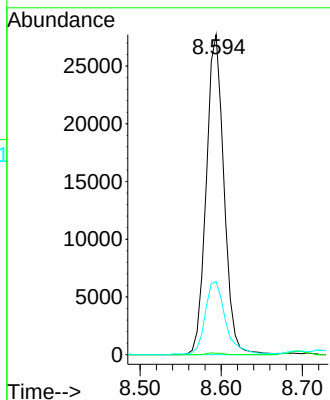
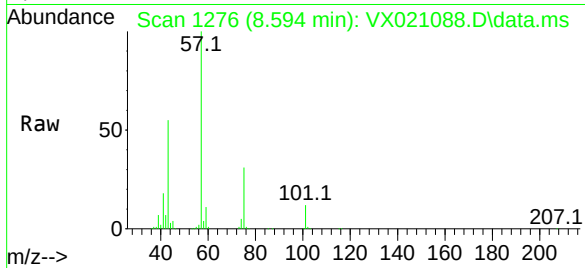




#54
 cis-1,3-Dichloropropene
 Concen: 8.21 ug/l
 RT: 8.594 min Scan# 1276
 Delta R.T. 0.182 min
 Lab File: VX021088.D
 Acq: 09 Mar 2021 02:17

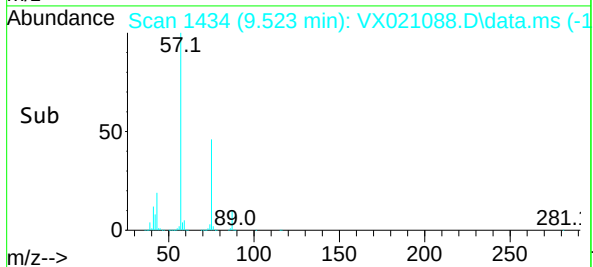
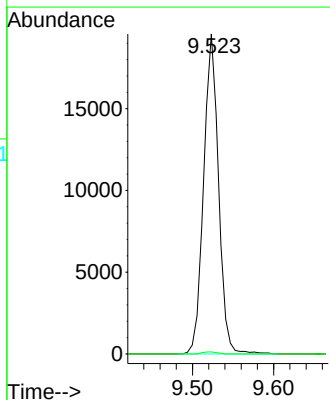
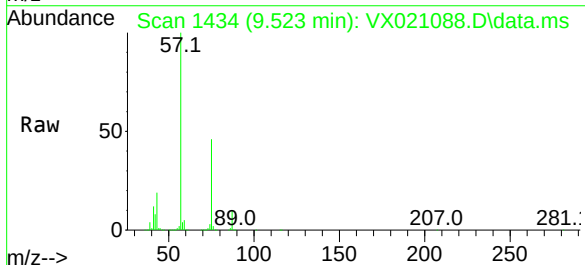
Instrument :
 MSVOA_X
 ClientSampleId :
 PB135028ZHE#06

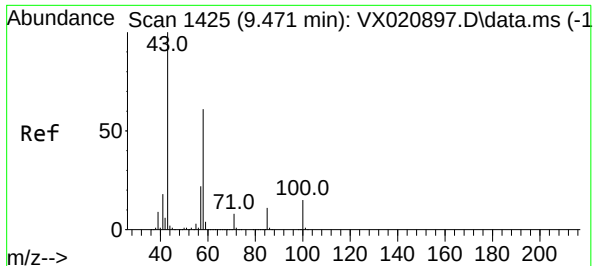
Tgt Ion: 75 Resp: 41892
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.7 38.5#
 39 22.6 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 4.99 ug/l
 RT: 9.523 min Scan# 1434
 Delta R.T. 0.170 min
 Lab File: VX021088.D
 Acq: 09 Mar 2021 02:17

Tgt Ion: 76 Resp: 24884
 Ion Ratio Lower Upper
 76 100
 78 0.6 26.2 39.2#

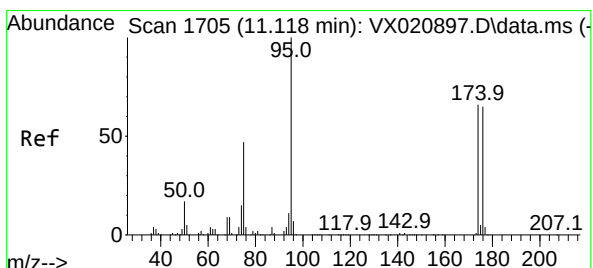
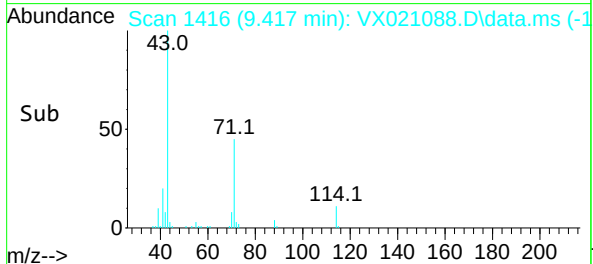
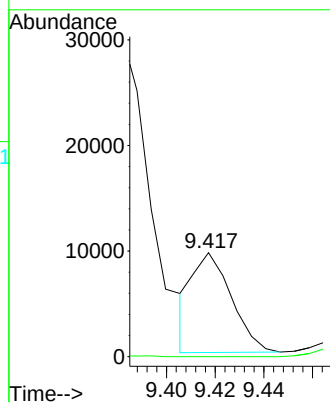
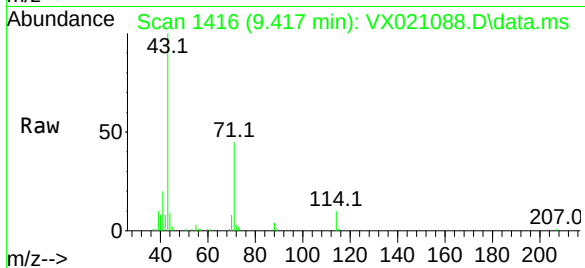




#59
2-Hexanone
Concen: 3.81 ug/l
RT: 9.417 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

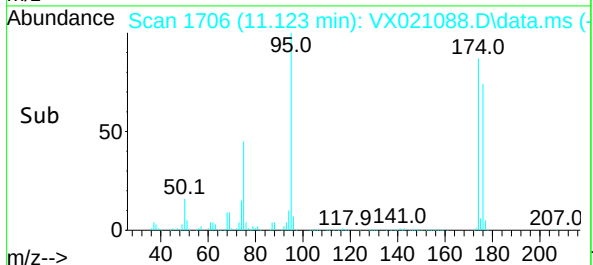
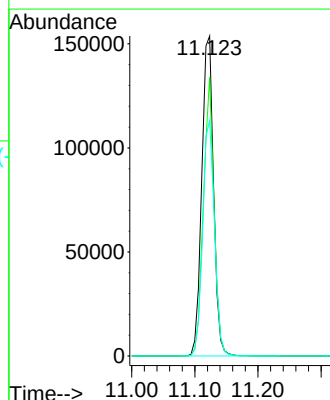
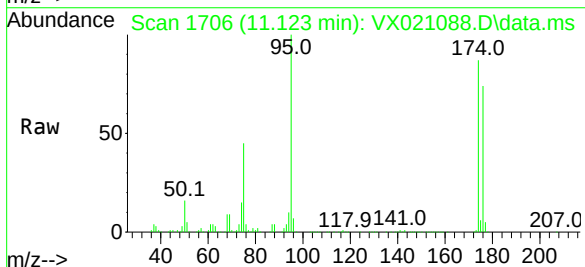
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

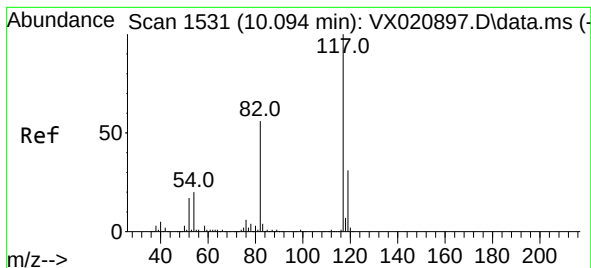
Tgt Ion: 43 Resp: 10606
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 54.77 ug/l
RT: 11.123 min Scan# 1706
Delta R.T. 0.005 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Tgt Ion: 95 Resp: 198977
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 73.6 0.0 155.8

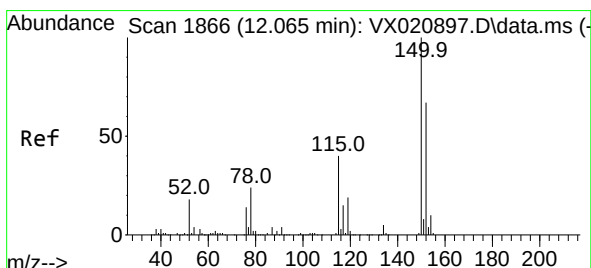
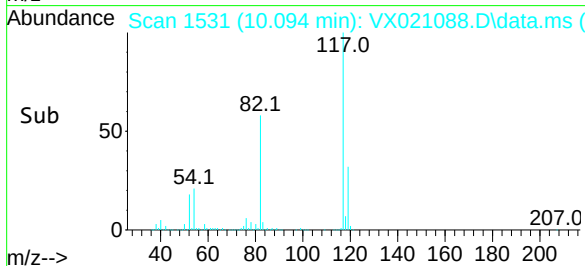
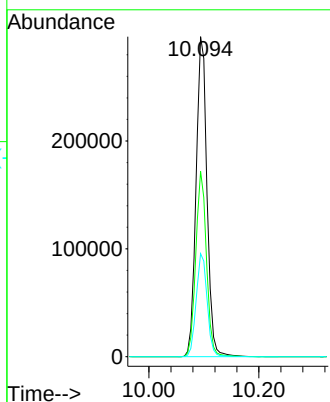
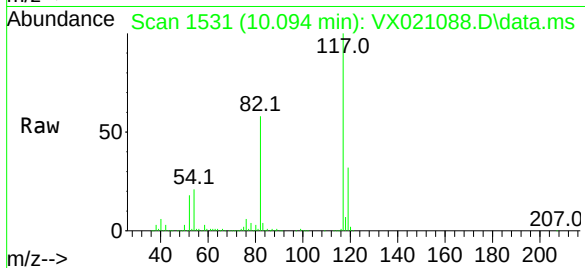




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

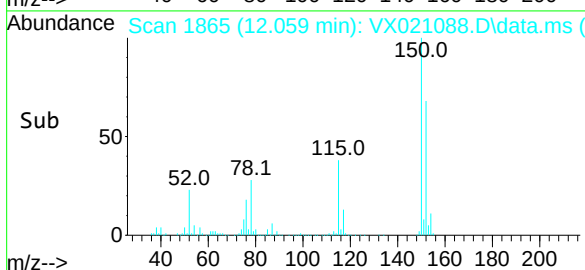
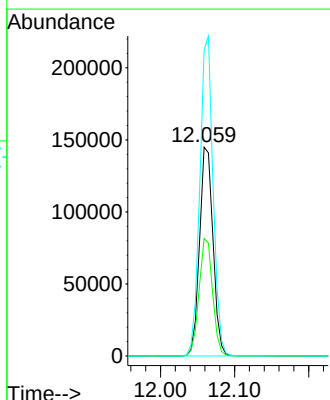
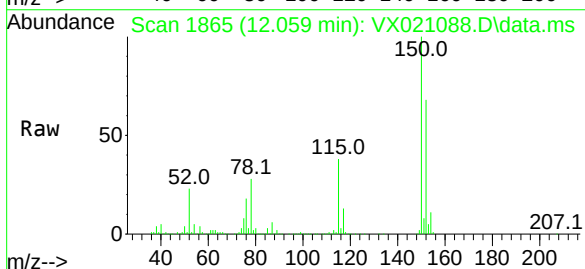
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

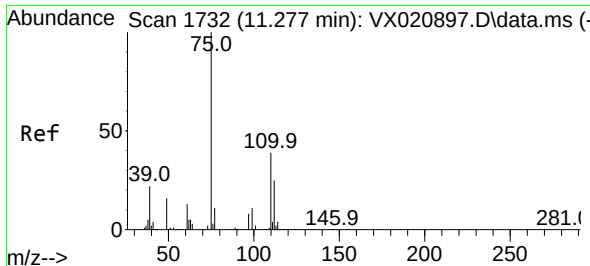
Tgt Ion:117 Resp: 409133
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Tgt Ion:152 Resp: 183136
Ion Ratio Lower Upper
152 100
115 56.6 41.1 123.3
150 150.6 0.0 349.0

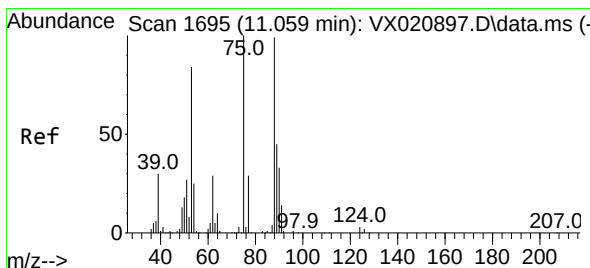
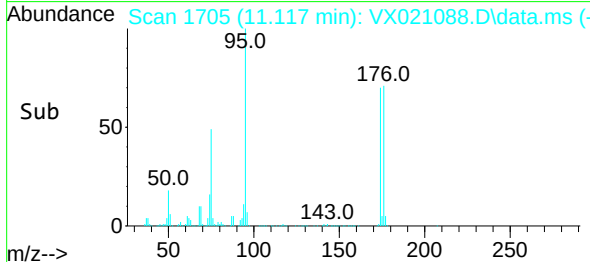
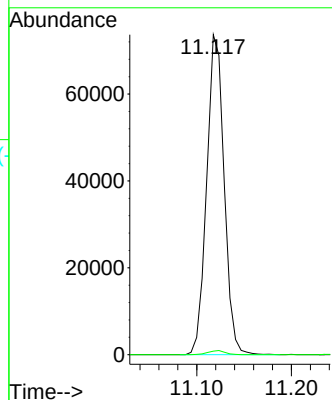
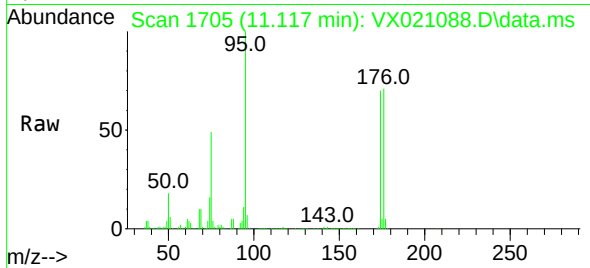




#76
1,2,3-Trichloropropane
Concen: 23.91 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#06

Tgt Ion: 75 Resp: 94182
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.93 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. 0.058 min
Lab File: VX021088.D
Acq: 09 Mar 2021 02:17

Tgt Ion: 75 Resp: 94182
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

