

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022981.D
 Acq On : 28 Jun 2021 16:13
 Operator : JC/MD
 Sample : M2824-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ABN-1RE

Quant Time: Jun 28 16:35:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

Compound	R.T.	T.Q	Ion	Response	Conc	Units	Dev(Min)

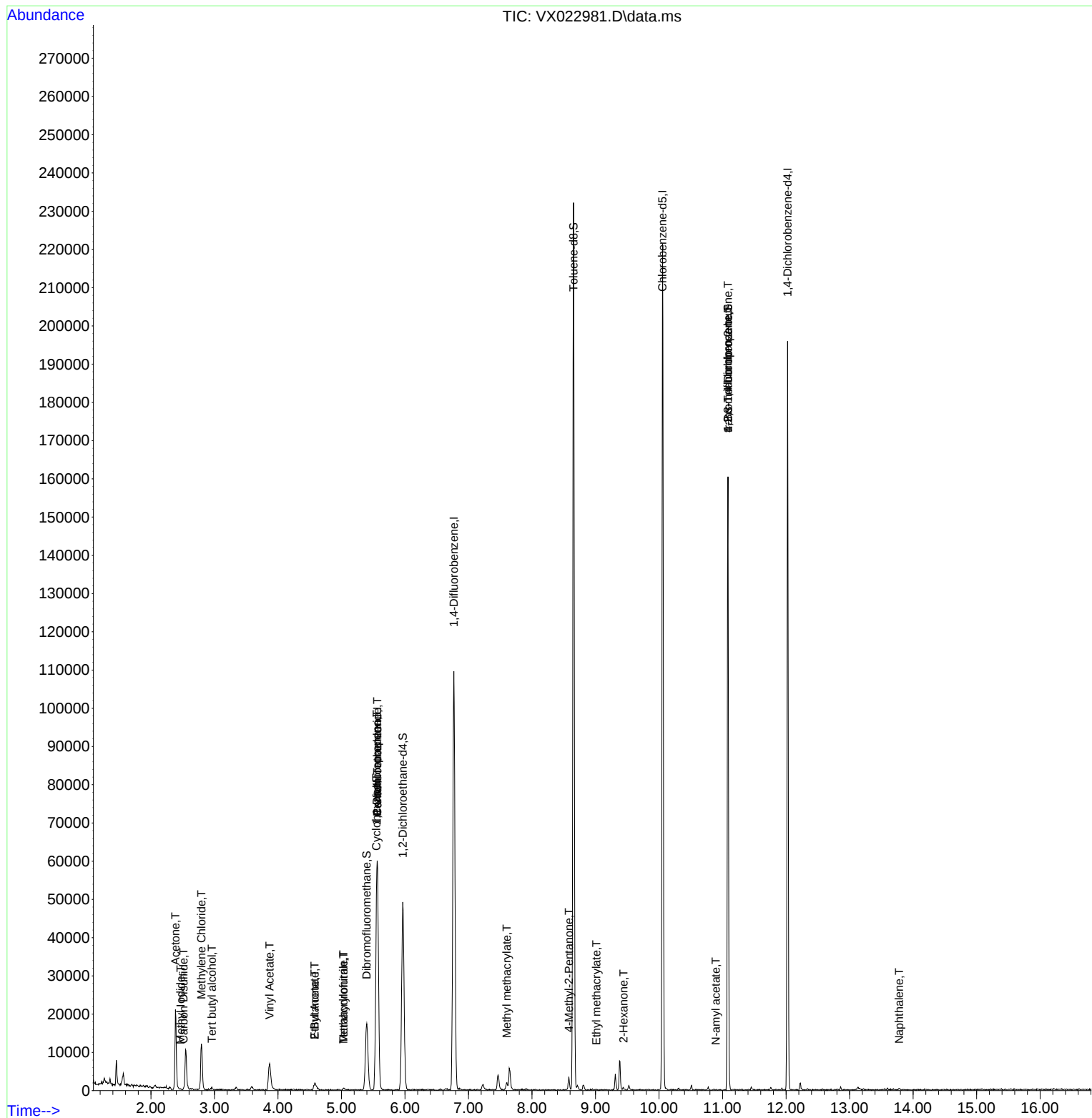
Internal Standards							
1) Pentafluorobenzene	5.562	168		50203	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114		102768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		90753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		32570	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65		46123	50.625	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.240%	
35) Dibromofluoromethane	5.397	113		14609	22.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	44.780%#	
50) Toluene-d8	8.653	98		128247	50.142	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.280%	
62) 4-Bromofluorobenzene	11.085	95		42943	44.988	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%	
Target Compounds							
							Qvalue
10) Methyl Iodide	2.465	142		178	4.088	ug/l	# 55
11) Tert butyl alcohol	2.959	59		232	1.222	ug/l	# 73
16) Acetone	2.386	43		20781	51.450	ug/l	95
17) Carbon Disulfide	2.514	76		364	3.706	ug/l	# 75
20) Methylene Chloride	2.794	84		5393	7.054	ug/l	89
23) Vinyl Acetate	3.867	43		1198	0.555	ug/l	# 68
25) 2-Butanone	4.574	43		2175	3.463	ug/l	# 80
29) Tetrahydrofuran	5.032	42		320	0.792	ug/l	# 32
31) Cyclohexane	5.550	56		1720	1.337	ug/l	# 30
36) 1,1-Dichloropropene	5.556	75		5417	4.963	ug/l	# 47
37) Ethyl Acetate	4.574	43		2175	1.720	ug/l	# 64
38) Carbon Tetrachloride	5.562	117		6323	6.906	ug/l	# 16
41) Methacrylonitrile	5.032	41		185	0.266	ug/l	# 18
48) Methyl methacrylate	7.604	41		3008	3.197	ug/l	# 21
51) 4-Methyl-2-Pentanone	8.580	43		2010	1.589	ug/l	90
56) Ethyl methacrylate	9.013	69		22	2.594	ug/l	# 1
59) 2-Hexanone	9.439	43		397	0.414	ug/l	# 59
74) N-amyl acetate	10.896	43		39	2.079	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75		23747	27.603	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75		23747	71.360	ug/l	# 12
95) Naphthalene	13.780	128		329	2.042	ug/l	# 69

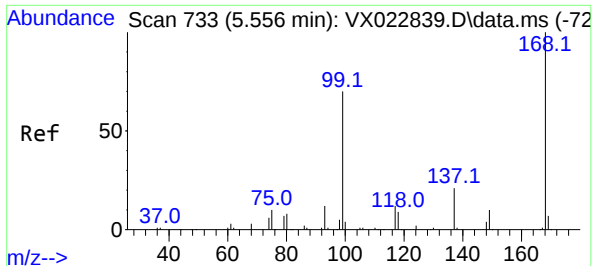
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
Data File : VX022981.D
Acq On : 28 Jun 2021 16:13
Operator : JC/MD
Sample : M2824-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

Quant Time: Jun 28 16:35:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

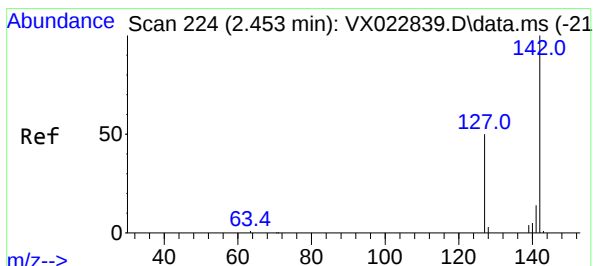
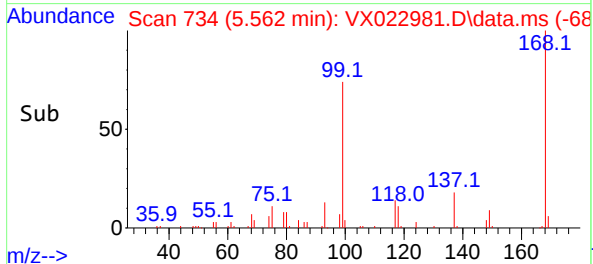
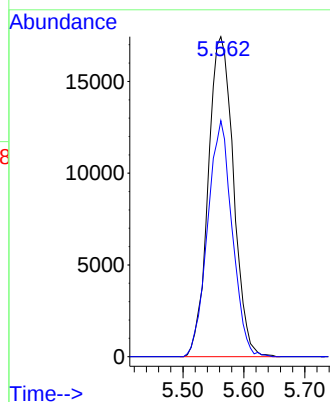
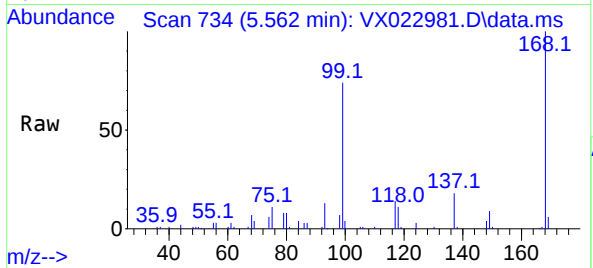




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

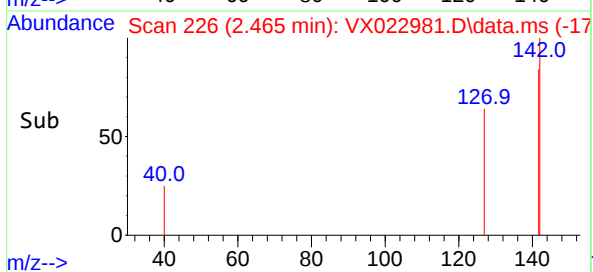
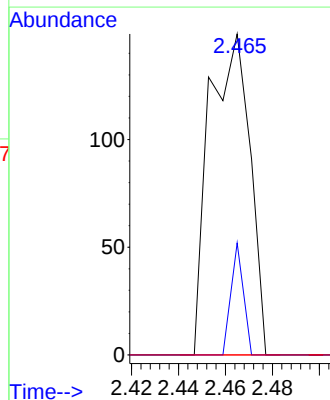
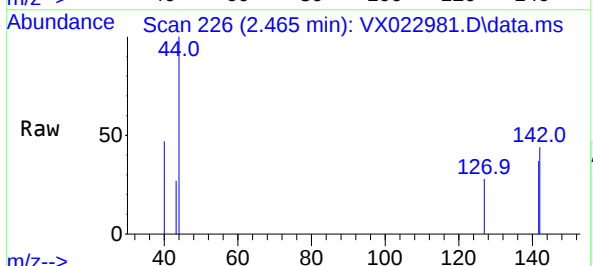
Instrument :
MSVOA_X
ClientSampled :
ABN-1RE

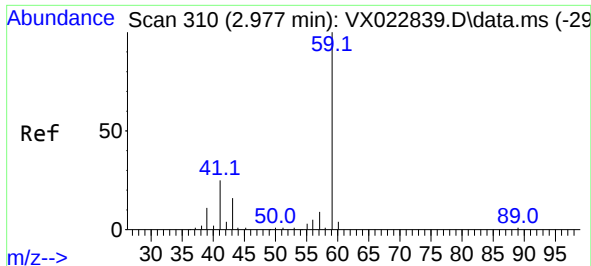
Tgt Ion:168 Resp: 50203
Ion Ratio Lower Upper
168 100
99 73.8 45.8 68.6#



#10
Methyl Iodide
Concen: 4.088 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion:142 Resp: 178
Ion Ratio Lower Upper
142 100
127 10.7 33.3 49.9#
141 0.0 11.4 17.0#



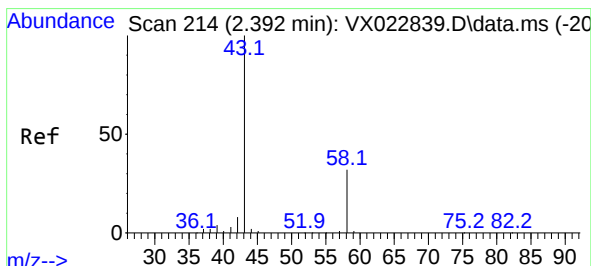
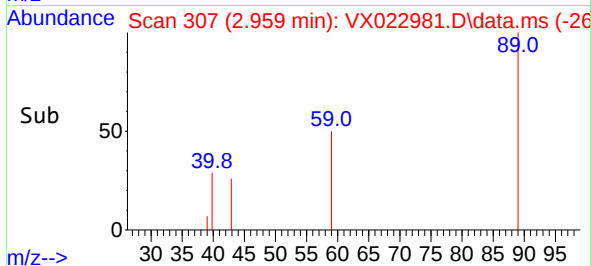
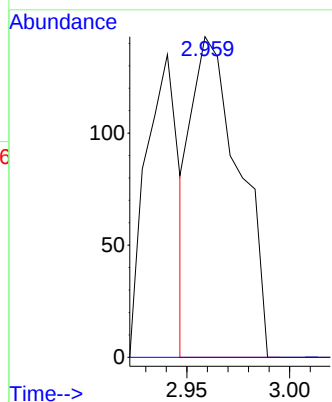
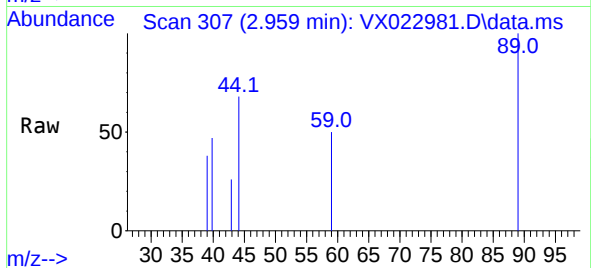


#11

Tert butyl alcohol
Concen: 1.222 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

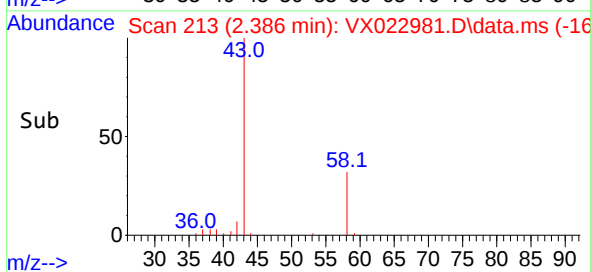
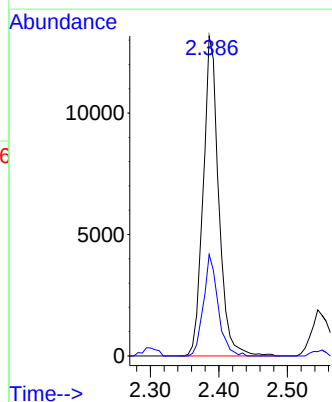
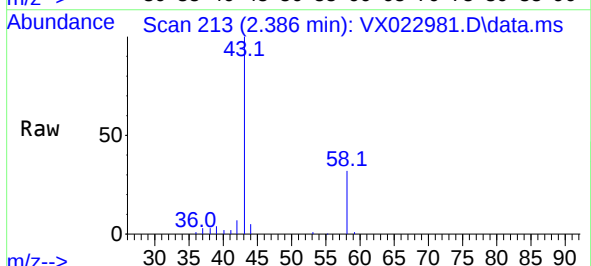
Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

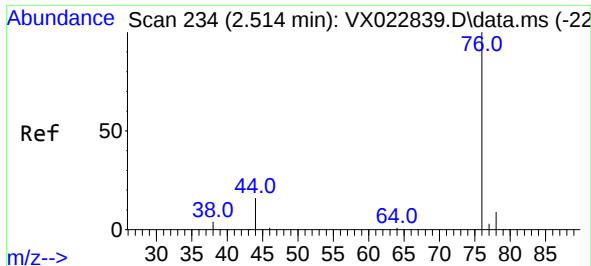


#16

Acetone
Concen: 51.450 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion: 43 Resp: 20781
Ion Ratio Lower Upper
43 100
58 31.7 27.8 41.8

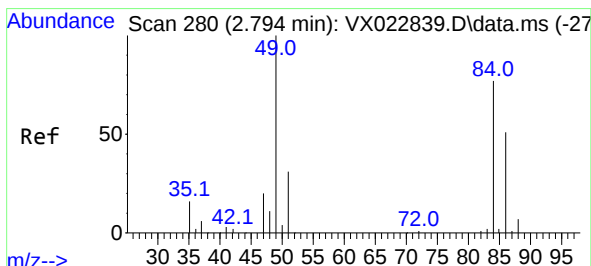
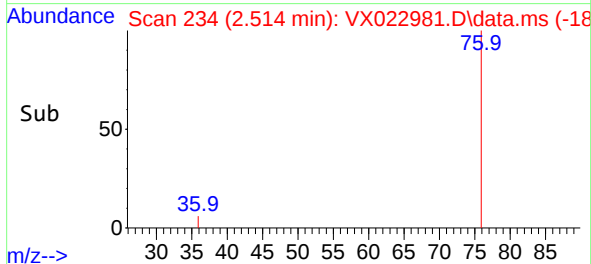
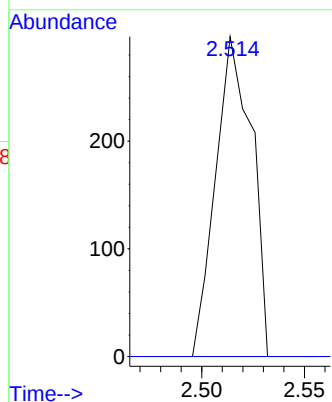
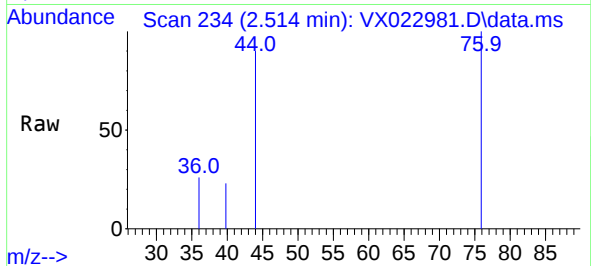




#17
Carbon Disulfide
Concen: 3.706 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

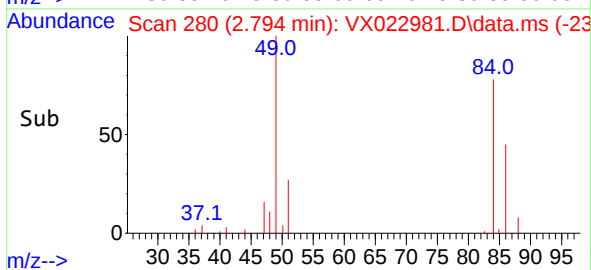
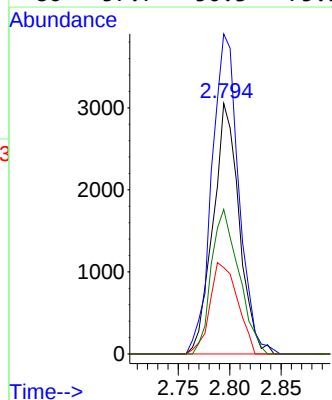
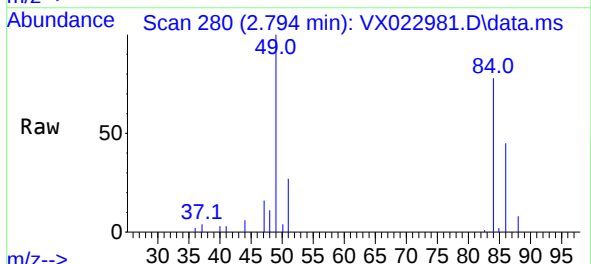
Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

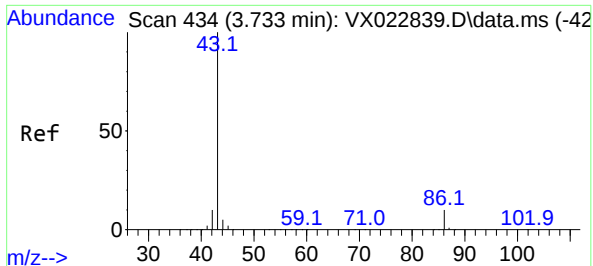
Tgt Ion: 76 Resp: 364
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 7.054 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion: 84 Resp: 5393
Ion Ratio Lower Upper
84 100
49 127.7 88.6 132.8
51 34.5 27.0 40.6
86 57.7 50.3 75.5

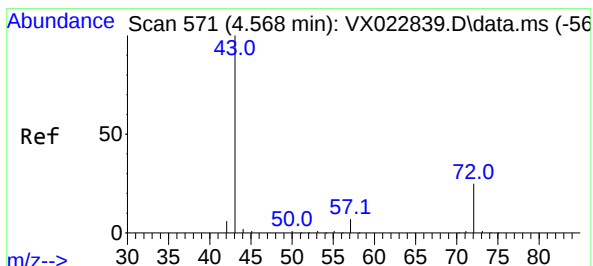
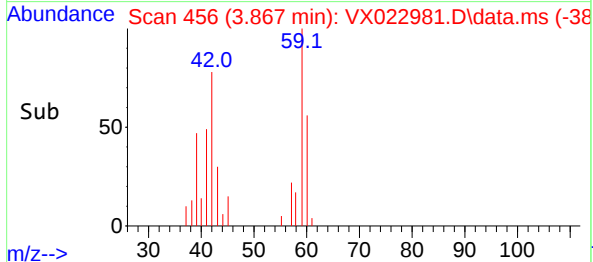
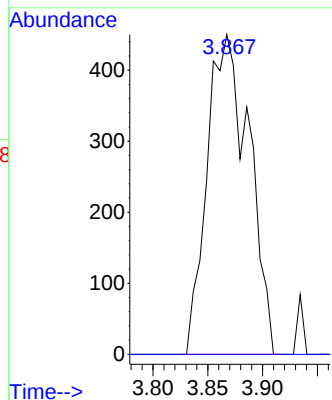
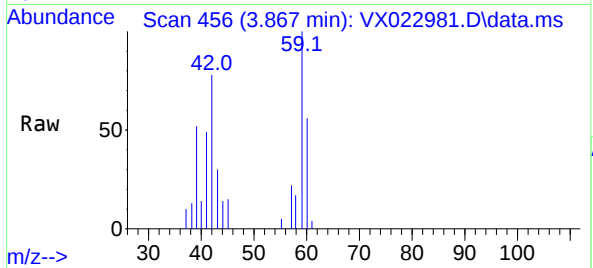




#23
Vinyl Acetate
Concen: 0.555 ug/l
RT: 3.867 min Scan# 456
Delta R.T. 0.134 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

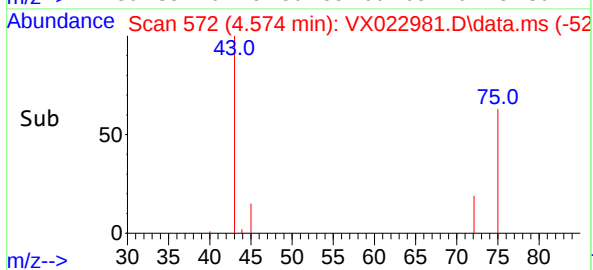
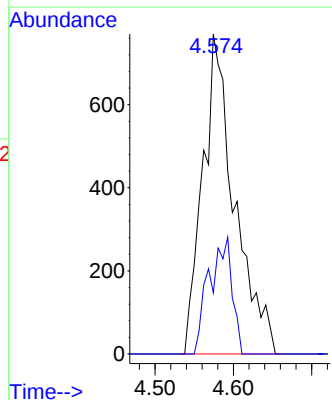
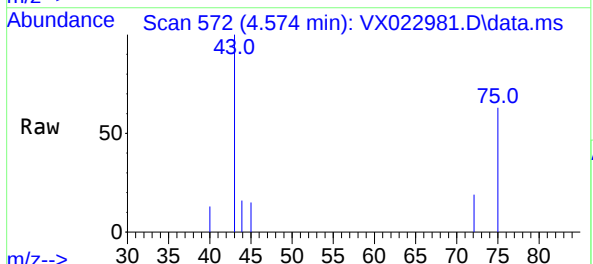
Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

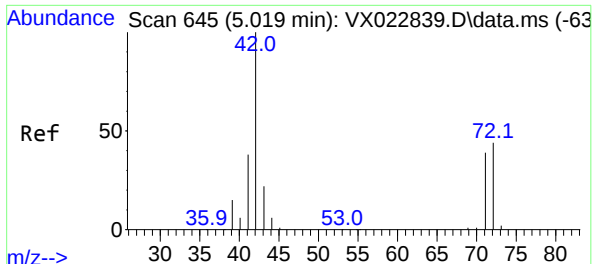
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
86 0.0 9.9 14.9#



#25
2-Butanone
Concen: 3.463 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion: 43 Resp: 2175
Ion Ratio Lower Upper
43 100
72 19.1 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.792 ug/l

RT: 5.032 min Scan# 647

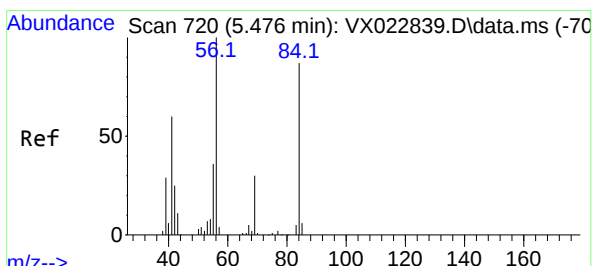
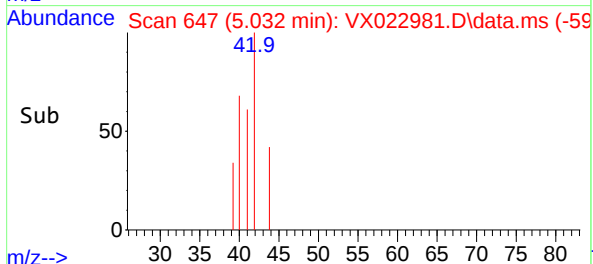
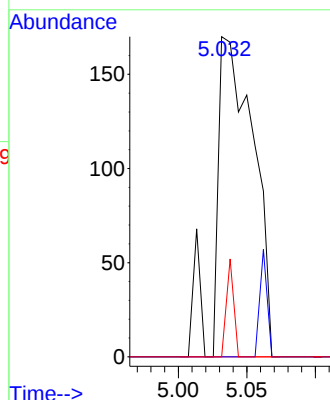
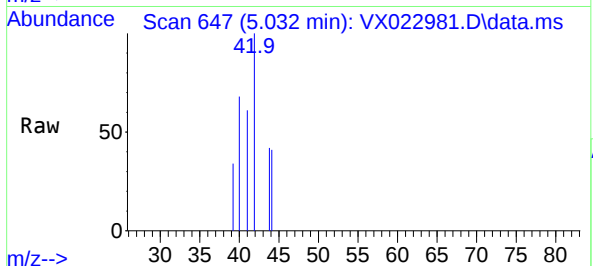
Delta R.T. 0.013 min

Lab File: VX022981.D

Acq: 28 Jun 2021 16:13

Tgt Ion:	42	Resp:	320
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	5.9	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
ABN-1RE



#31

Cyclohexane

Concen: 1.337 ug/l

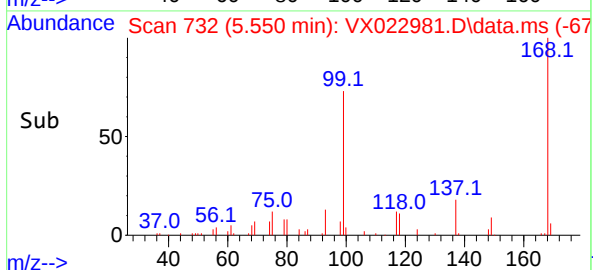
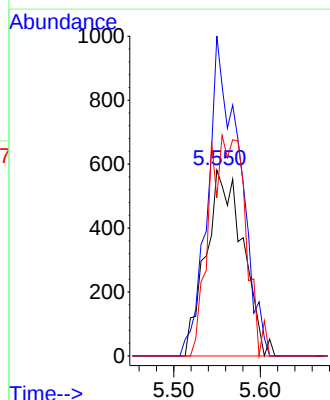
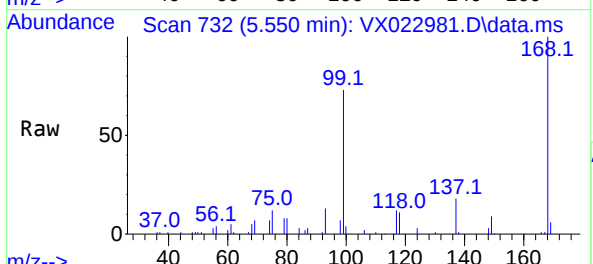
RT: 5.550 min Scan# 732

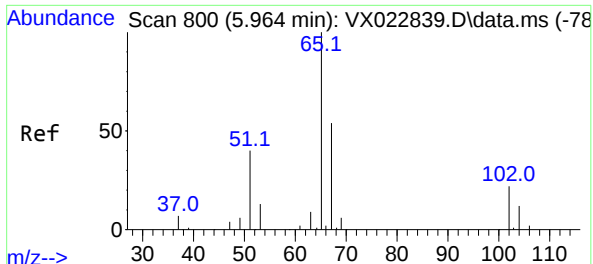
Delta R.T. 0.074 min

Lab File: VX022981.D

Acq: 28 Jun 2021 16:13

Tgt Ion:	56	Resp:	1720
Ion	Ratio	Lower	Upper
56	100		
69	172.3	25.3	37.9#
84	85.2	71.4	107.0



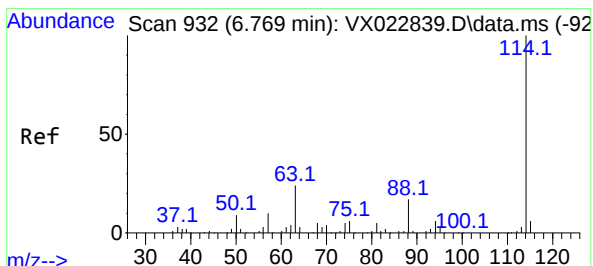
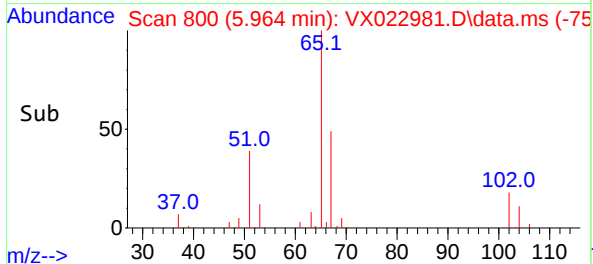
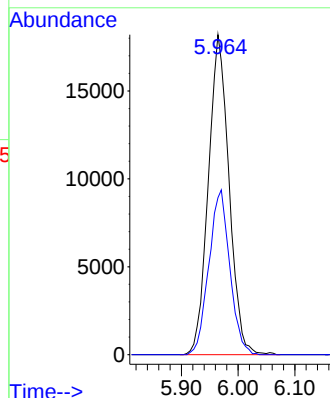
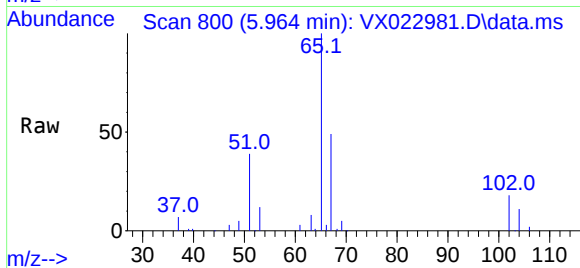


#33

1,2-Dichloroethane-d4
Concen: 50.625 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

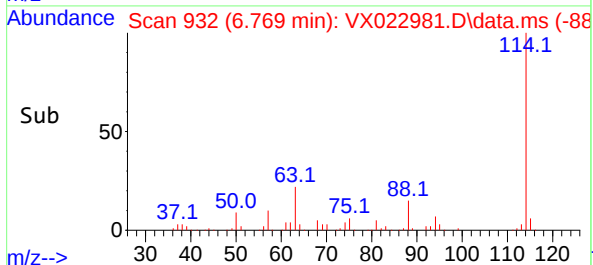
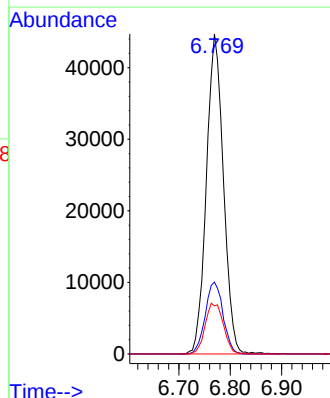
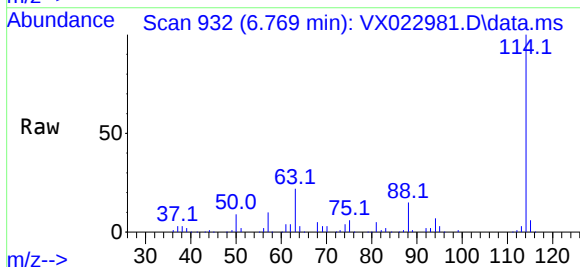
Tgt Ion: 65 Resp: 46123
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

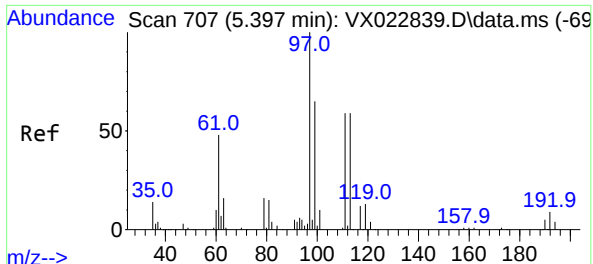


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion:114 Resp: 102768
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 15.0 0.0 32.8

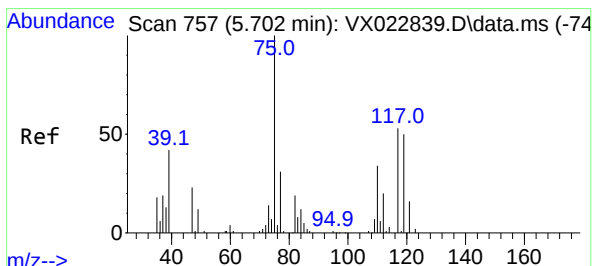
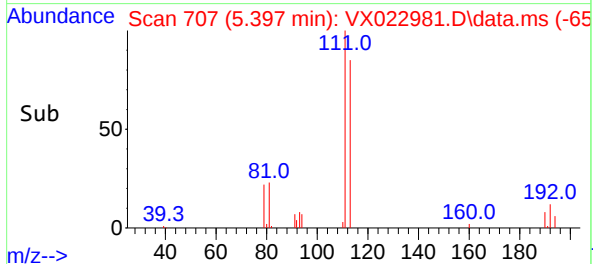
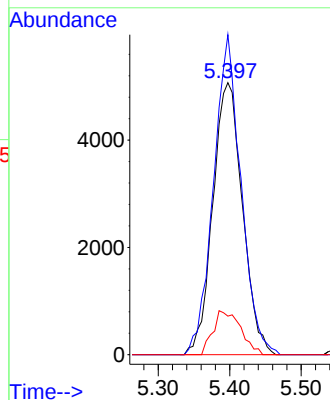
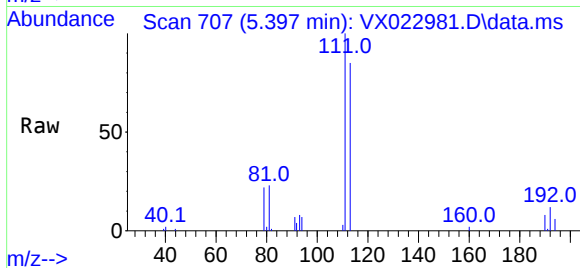




#35
Dibromofluoromethane
Concen: 22.386 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

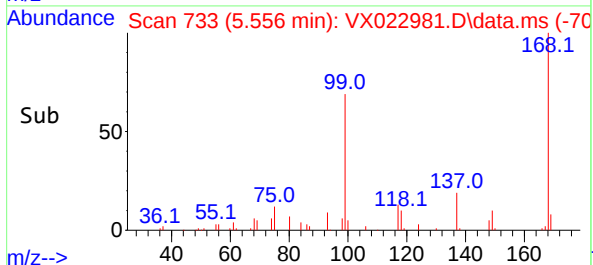
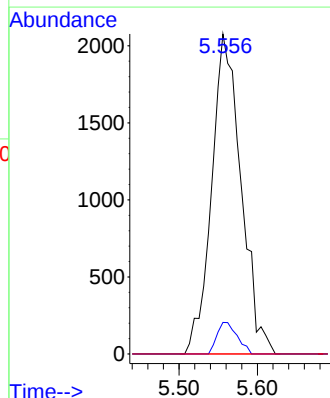
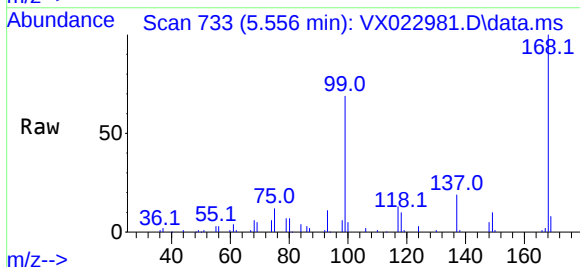
Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

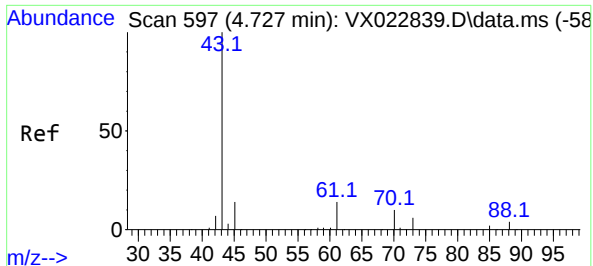
Tgt Ion:113 Resp: 14609
Ion Ratio Lower Upper
113 100
111 108.9 81.9 122.9
192 15.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.963 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion: 75 Resp: 5417
Ion Ratio Lower Upper
75 100
110 6.8 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.720 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.153 min

Lab File: VX022981.D

Acq: 28 Jun 2021 16:13

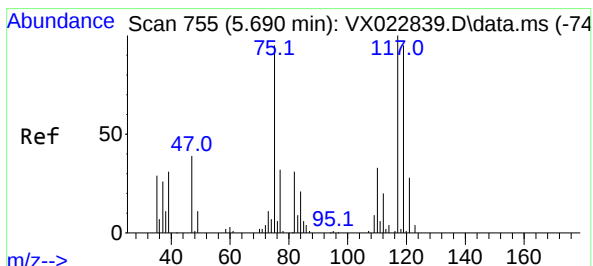
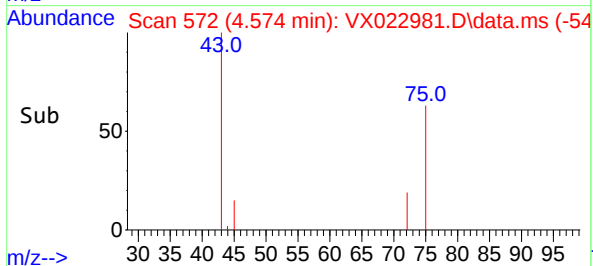
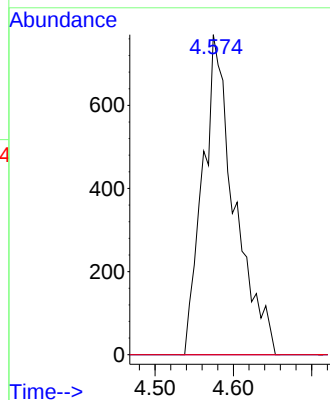
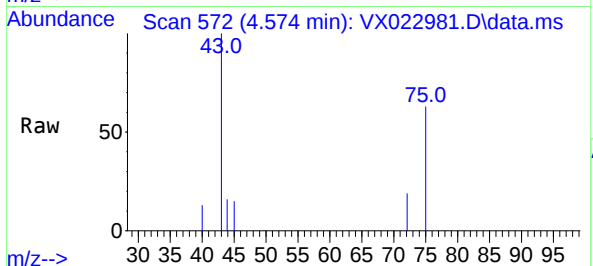
Instrument :

MSVOA_X

ClientSampleId :

ABN-1RE

Tgt Ion:	43	Resp:	2175
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 6.906 ug/l

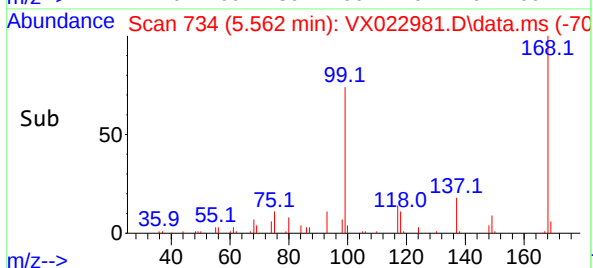
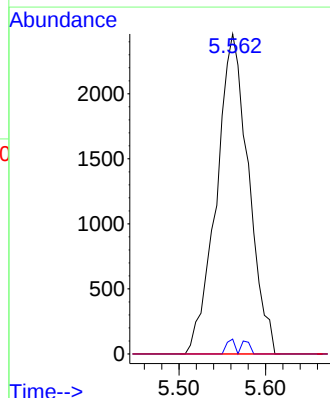
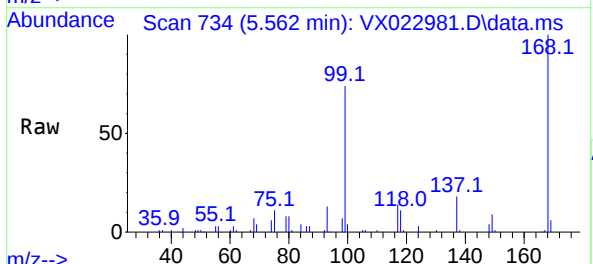
RT: 5.562 min Scan# 734

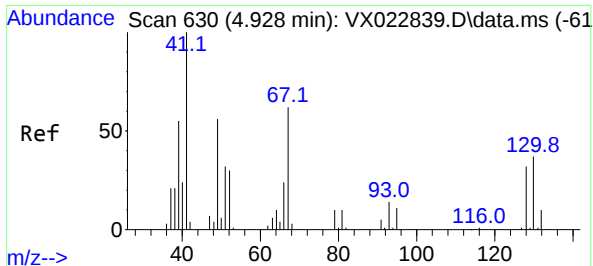
Delta R.T. -0.128 min

Lab File: VX022981.D

Acq: 28 Jun 2021 16:13

Tgt Ion:	117	Resp:	6323
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#



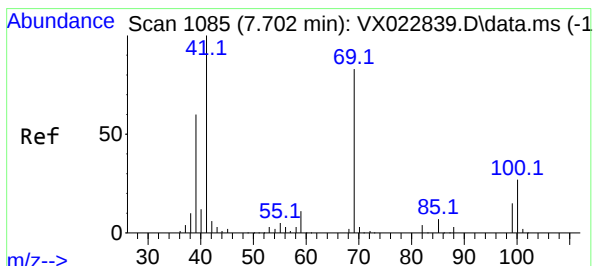
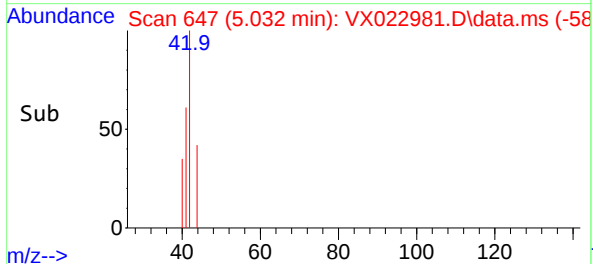
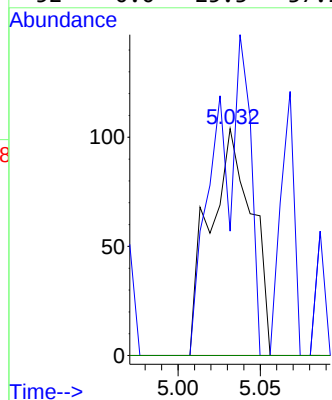
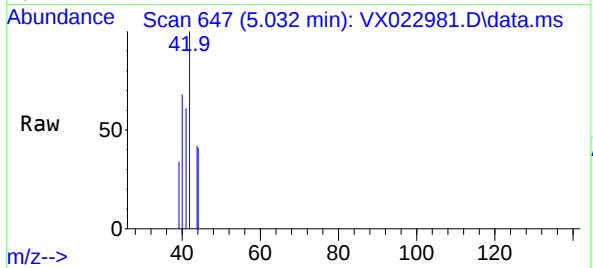


#41
Methacrylonitrile
Concen: 0.266 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

Tgt Ion: 41 Resp: 185

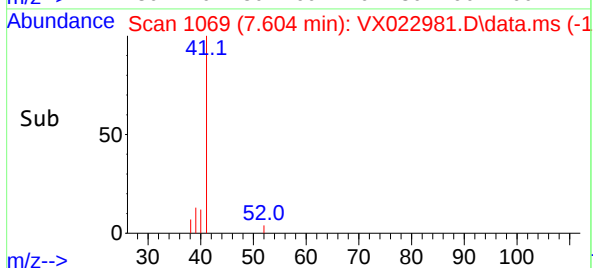
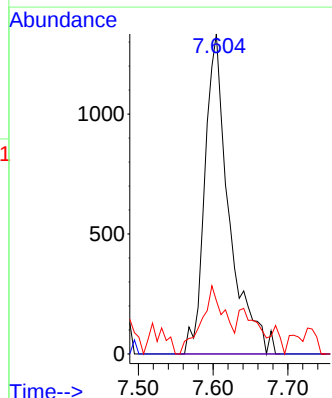
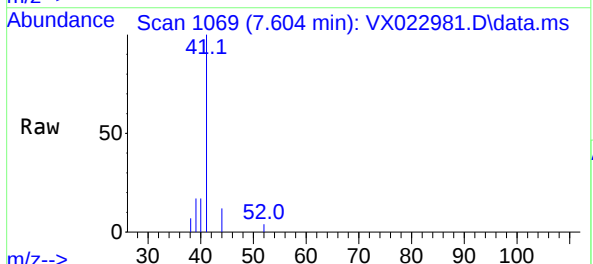
Ion	Ratio	Lower	Upper
41	100		
39	111.9	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

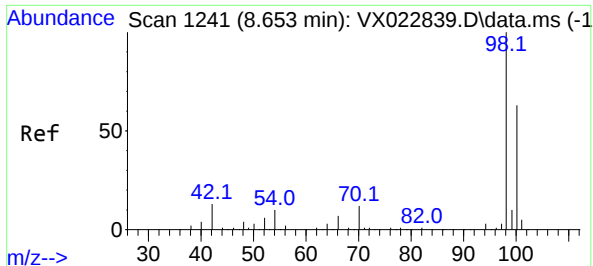


#48
Methyl methacrylate
Concen: 3.197 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion: 41 Resp: 3008

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	20.6	44.6	67.0#

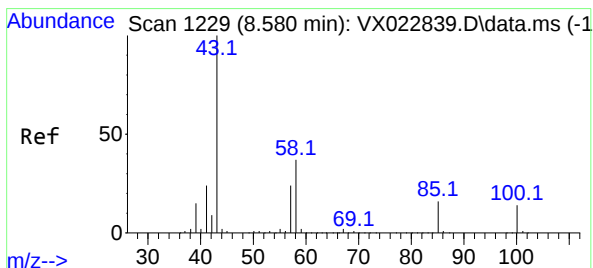
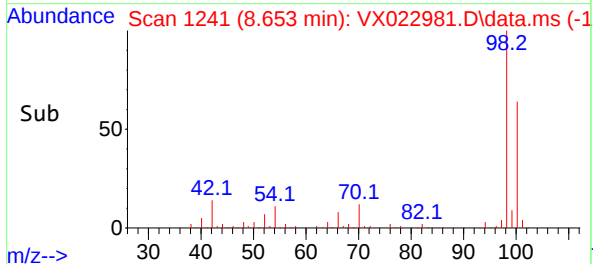
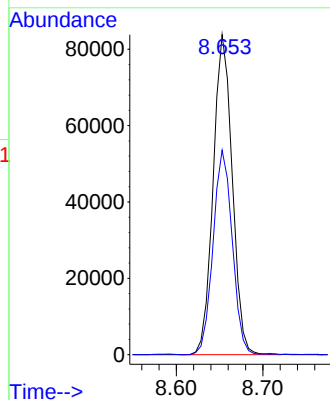
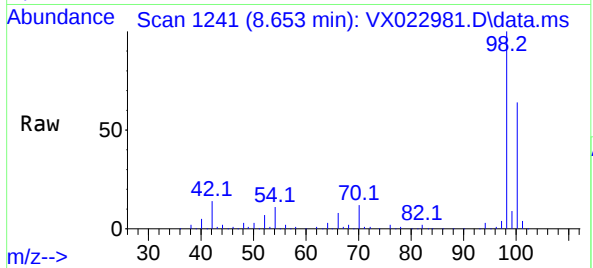




#50
Toluene-d8
Concen: 50.142 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

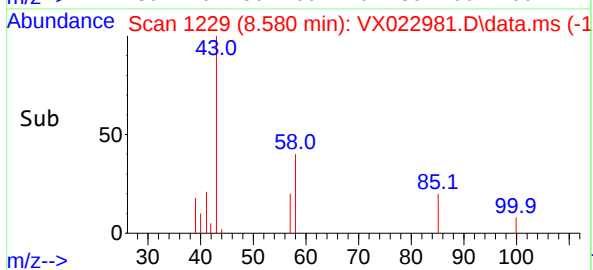
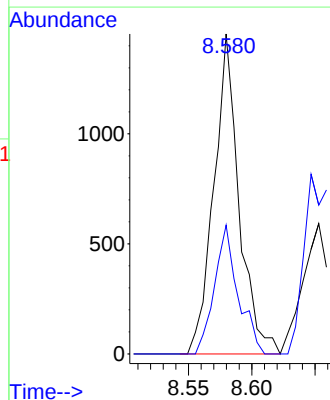
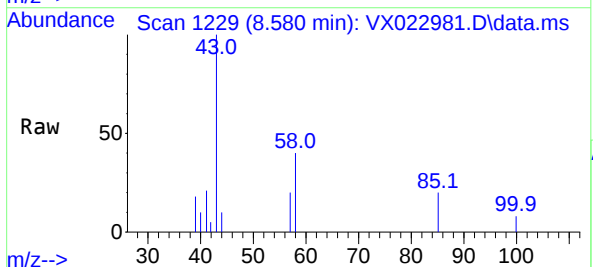
Instrument :
MSVOA_X
ClientSampleID :
ABN-1RE

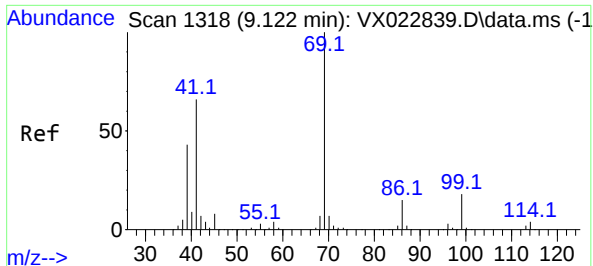
Tgt Ion: 98 Resp: 128247
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.589 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
58 37.7 35.4 53.0

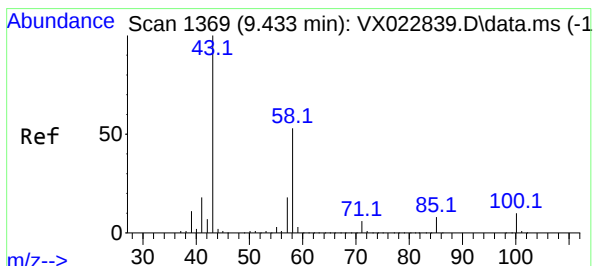
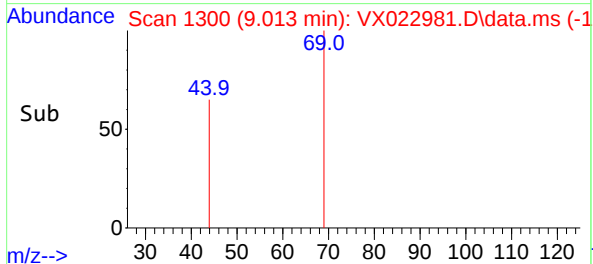
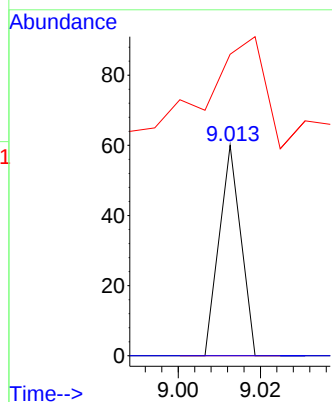
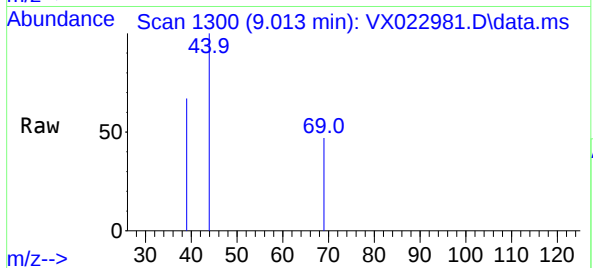




#56
Ethyl methacrylate
Concen: 2.594 ug/l
RT: 9.013 min Scan# 1300
Delta R.T. -0.109 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

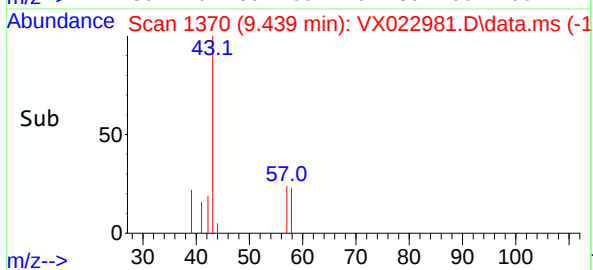
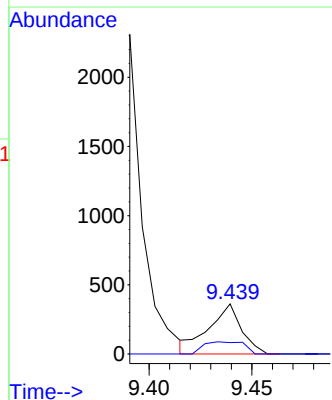
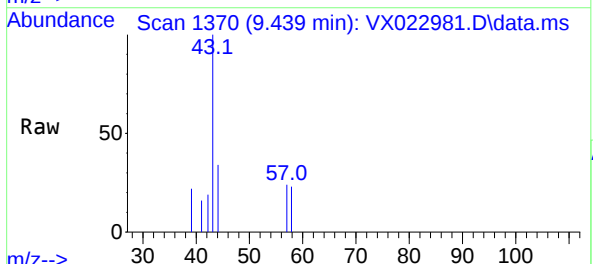
Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

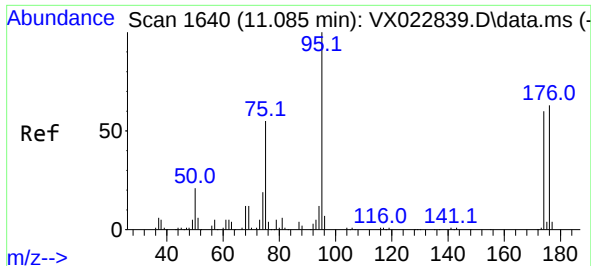
Tgt Ion: 69 Resp: 22
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 1177.3 24.7 37.1#



#59
2-Hexanone
Concen: 0.414 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 30.2 30.9 92.8#

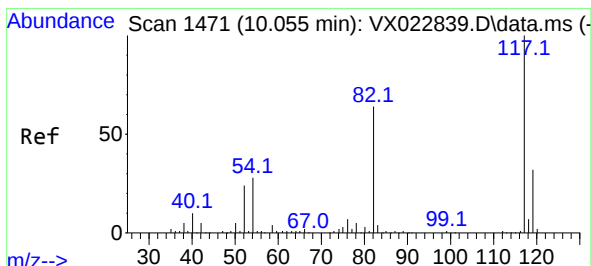
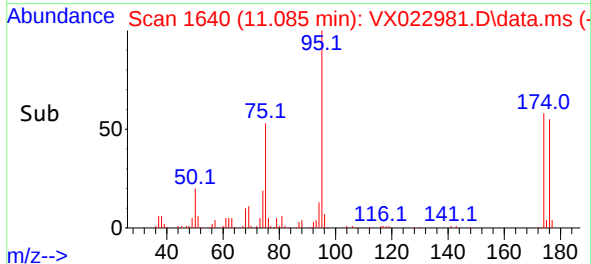
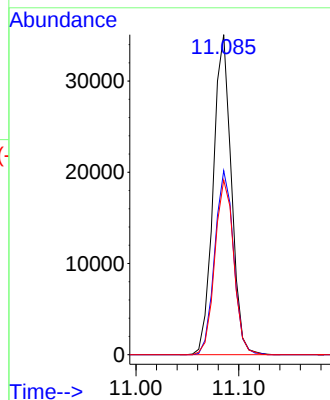
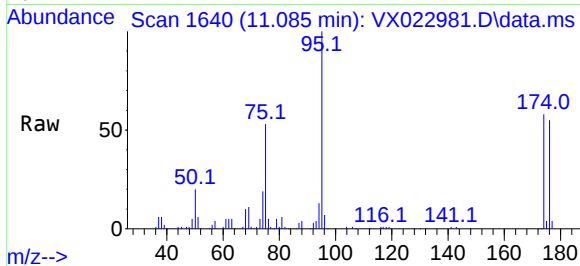




#62
4-Bromofluorobenzene
Concen: 44.988 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

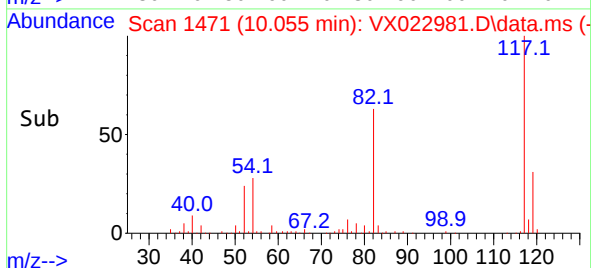
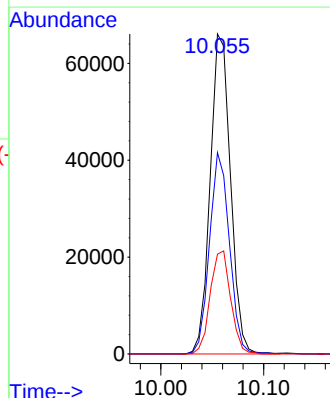
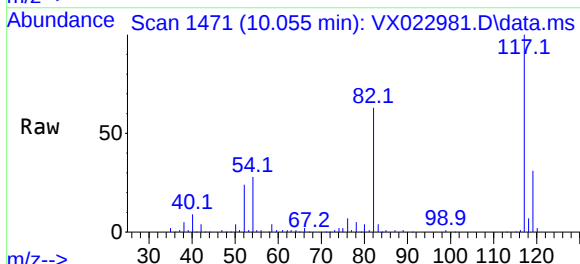
Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

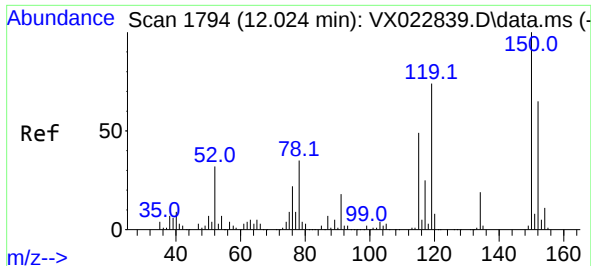
Tgt Ion: 95 Resp: 42943
Ion Ratio Lower Upper
95 100
174 59.6 0.0 154.6
176 57.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion: 117 Resp: 90753
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.2
119 31.2 26.6 39.8

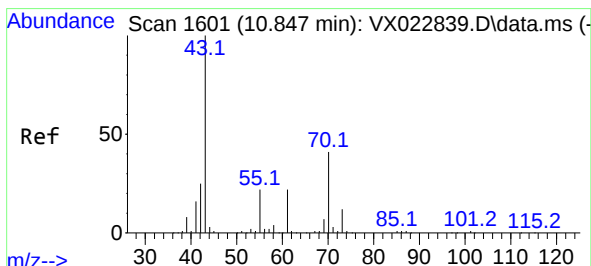
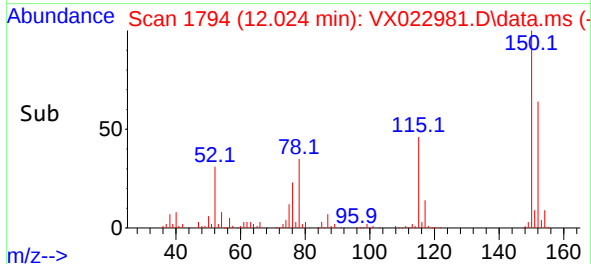
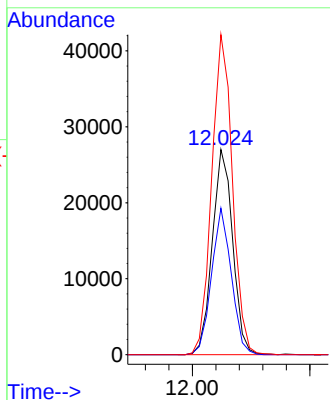
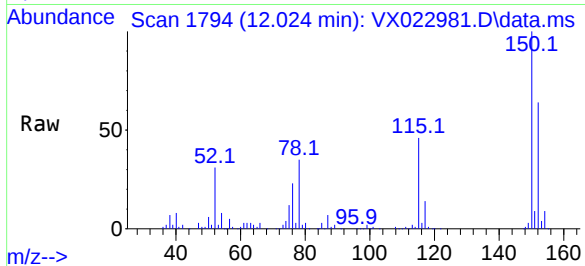




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

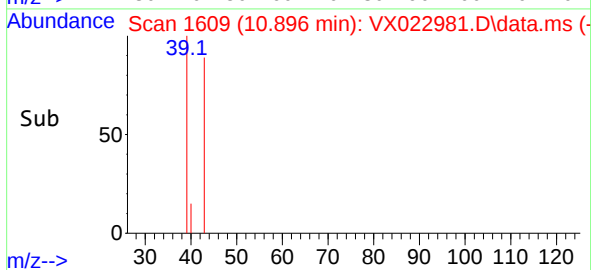
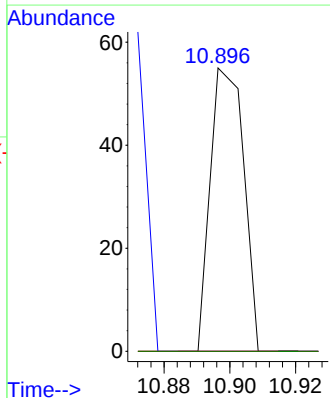
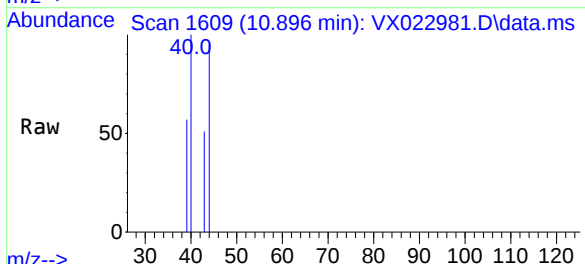
Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE

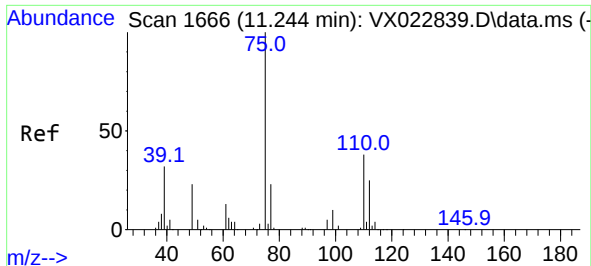
Tgt Ion:152 Resp: 32570
Ion Ratio Lower Upper
152 100
115 69.0 41.1 123.3
150 158.0 0.0 349.0



#74
N-ethyl acetate
Concen: 2.079 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.049 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

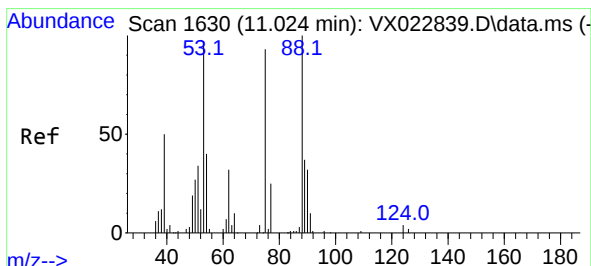
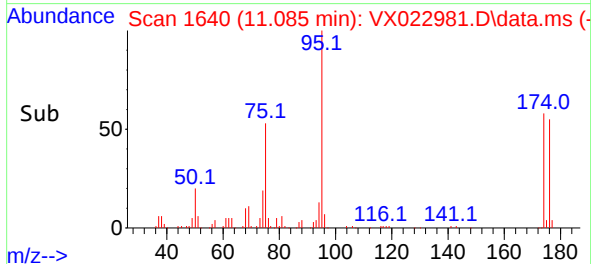
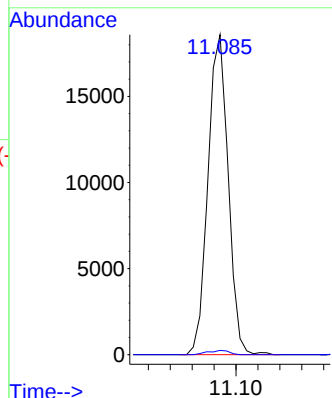
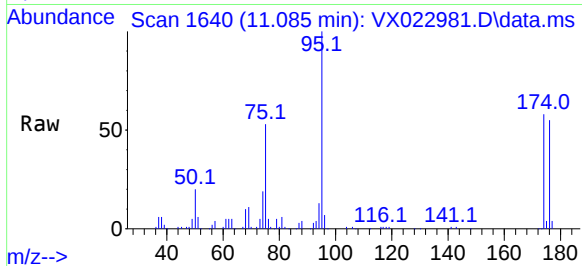




#76
1,2,3-Trichloropropane
Concen: 27.603 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

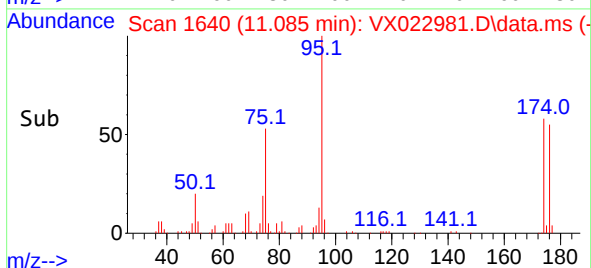
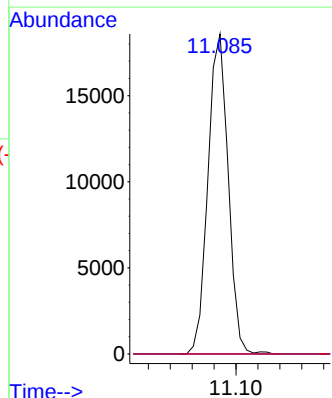
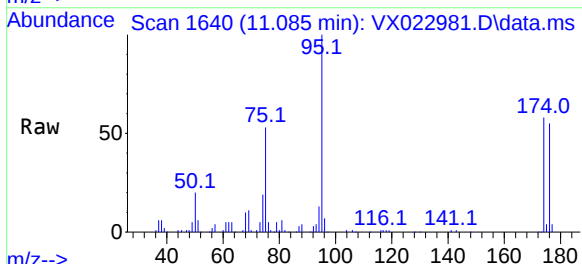
Instrument :
MSVOA_X
ClientSampled :
ABN-1RE

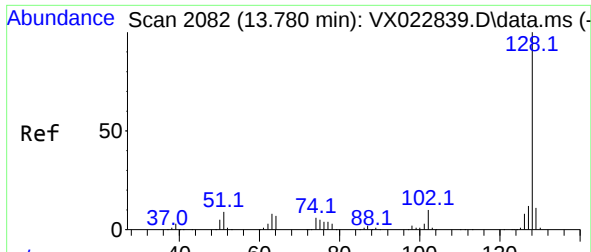
Tgt Ion: 75 Resp: 23747
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.360 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

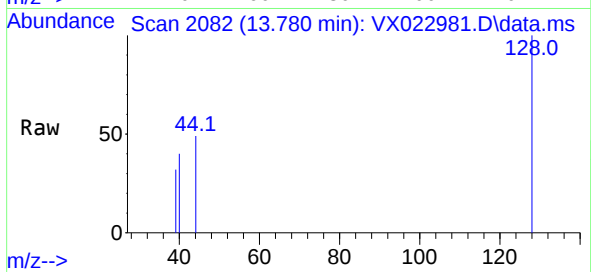
Tgt Ion: 75 Resp: 23747
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.042 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022981.D
Acq: 28 Jun 2021 16:13

Instrument :
MSVOA_X
ClientSampleId :
ABN-1RE



Tgt Ion:	128	Resp:	329
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

