

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034979.D
 Acq On : 07 Apr 2023 19:17
 Operator : JC/MD
 Sample : 02247-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10I

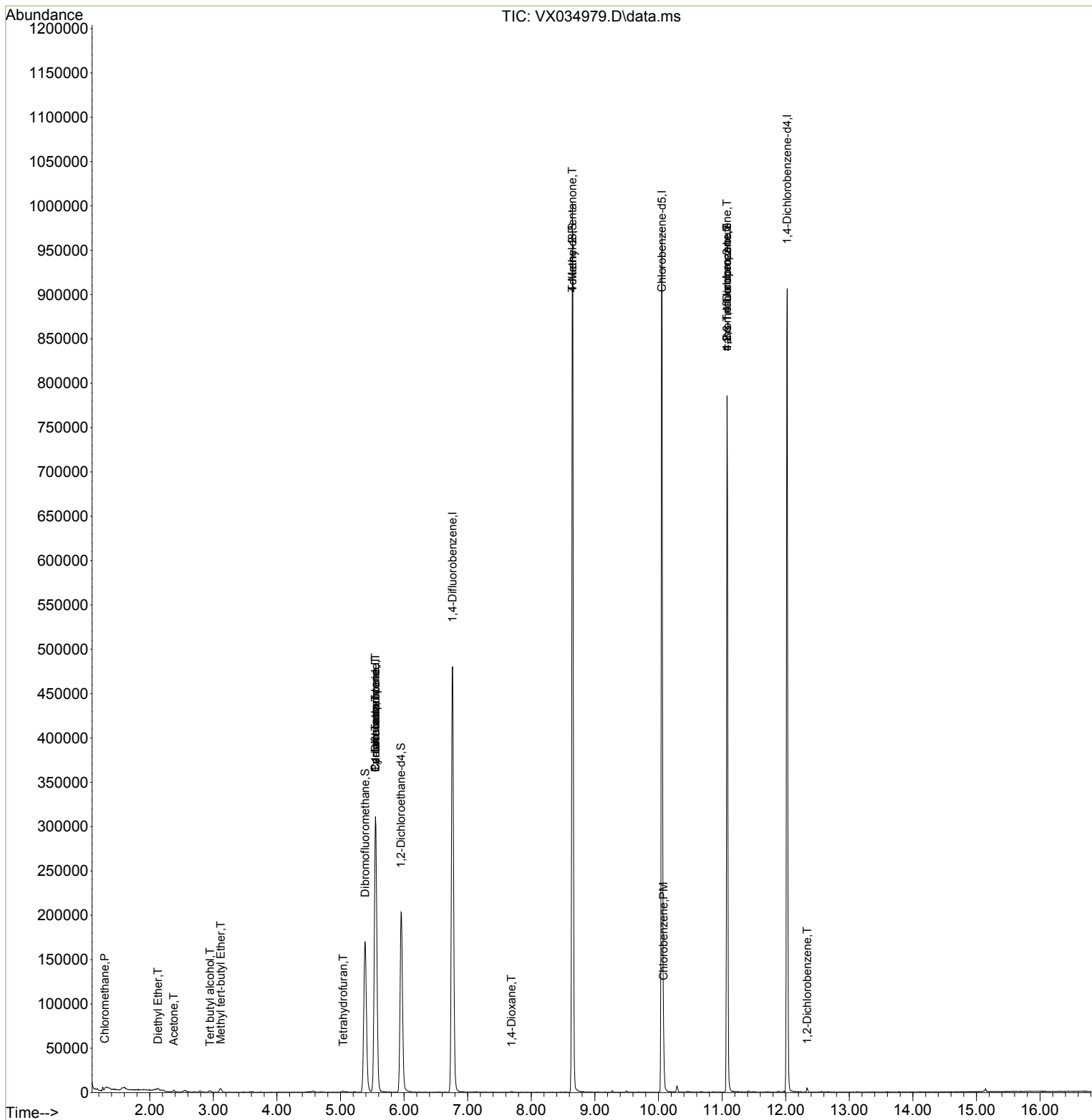
Quant Time: Apr 08 00:59:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	280274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	476906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	203488	47.473	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.940%
35) Dibromofluoromethane	5.385	113	148515	47.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	571002	49.043	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	212412	47.145	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	913	0.261	ug/l #	88
8) Diethyl Ether	2.130	74	566	0.288	ug/l #	35
11) Tert butyl alcohol	2.947	59	1374	1.827	ug/l #	73
16) Acetone	2.380	43	2017	1.158	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	4240	0.398	ug/l	97
29) Tetrahydrofuran	5.044	42	1130	0.712	ug/l #	57
31) Cyclohexane	5.550	56	6593	1.263	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23845	5.102	ug/l #	50
38) Carbon Tetrachloride	5.550	117	29570	6.711	ug/l #	17
49) 1,4-Dioxane	7.690	88	602	7.276	ug/l #	89
51) 4-Methyl-2-Pentanone	8.647	43	3067	0.634	ug/l #	1
65) Chlorobenzene	10.080	112	22238	2.517	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	112867	30.186	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	112867	90.465	ug/l #	8
91) 1,2-Dichlorobenzene	12.341	146	1237	0.201	ug/l	86

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

Quant Time: Apr 08 00:59:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

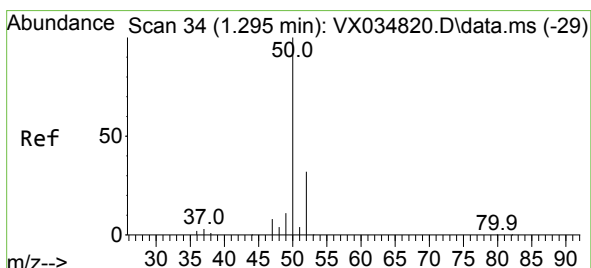
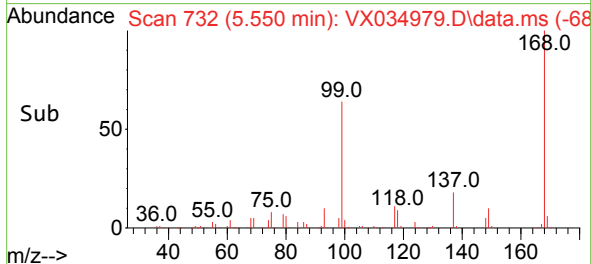
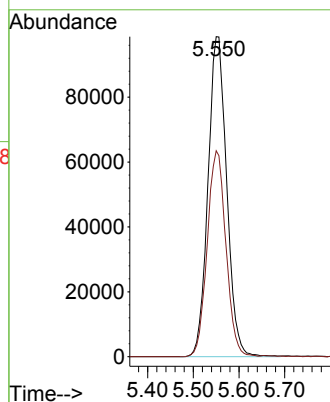
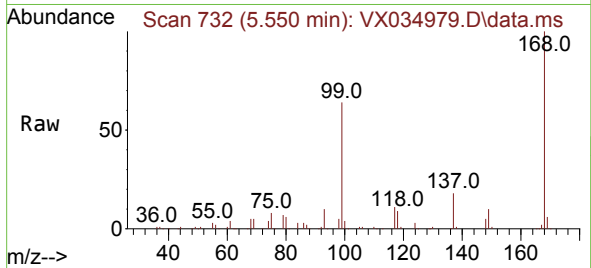




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

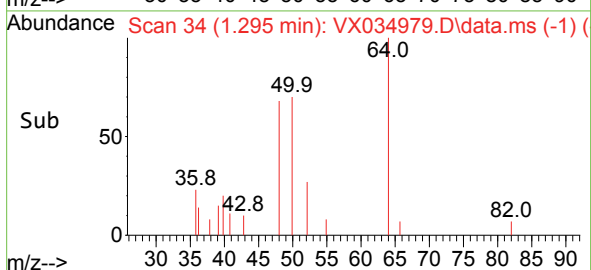
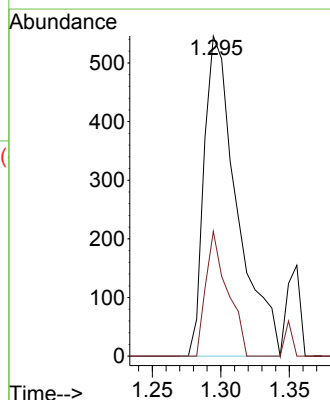
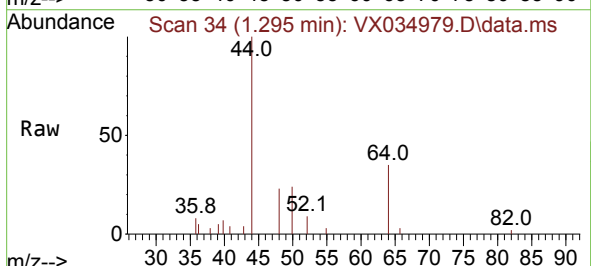
Instrument :
MSVOA_X
ClientSampleId :
PK-10I

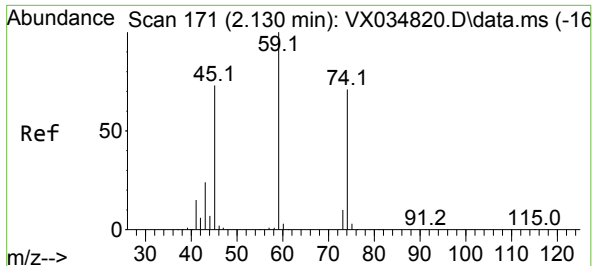
Tgt Ion:168 Resp: 280274
Ion Ratio Lower Upper
168 100
99 64.3 45.7 68.5



#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

Tgt Ion: 50 Resp: 913
Ion Ratio Lower Upper
50 100
52 39.0 25.9 38.9#

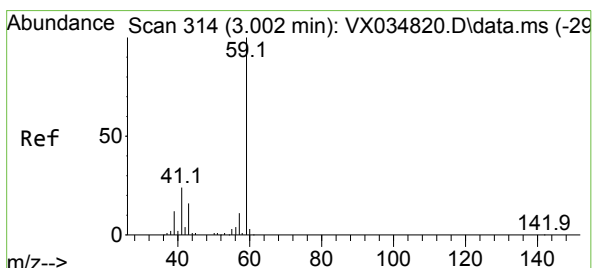
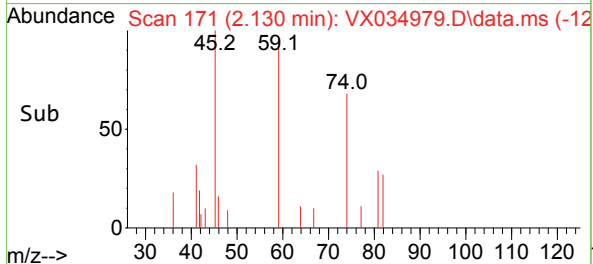
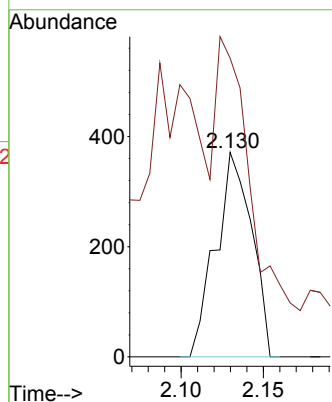
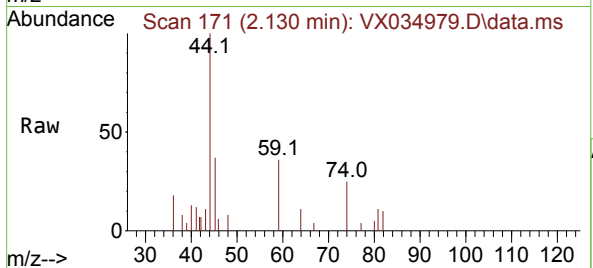




#8
Diethyl Ether
Concen: 0.288 ug/l
RT: 2.130 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

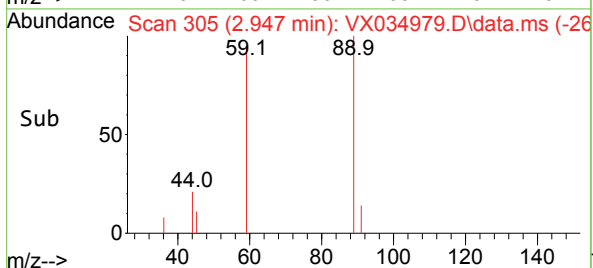
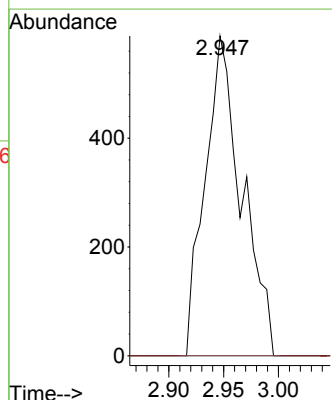
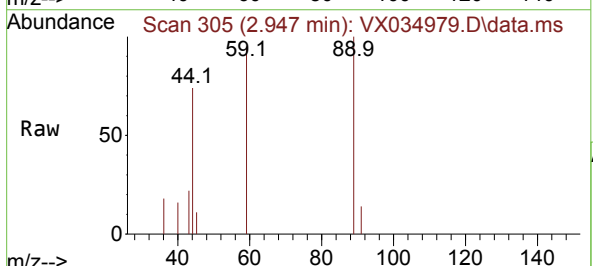
Instrument :
MSVOA_X
ClientSampleId :
PK-10I

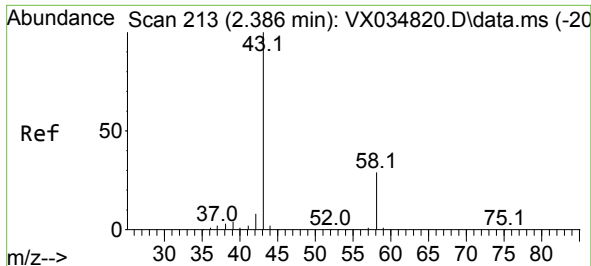
Tgt Ion: 74 Resp: 566
Ion Ratio Lower Upper
74 100
45 164.7 49.8 149.3#



#11
Tert butyl alcohol
Concen: 1.827 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

Tgt Ion: 59 Resp: 1374
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

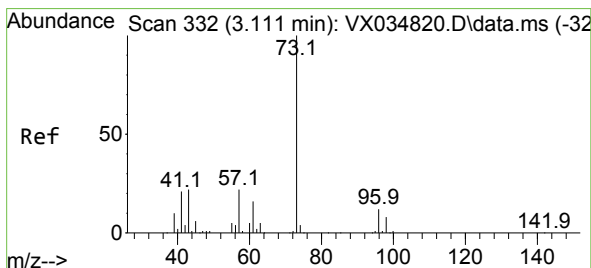
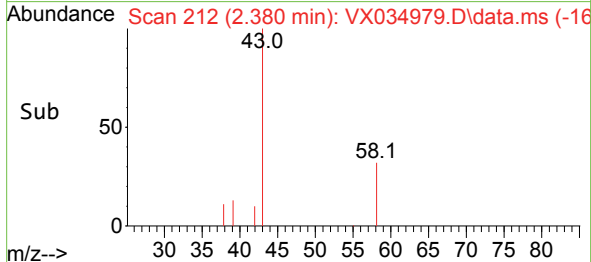
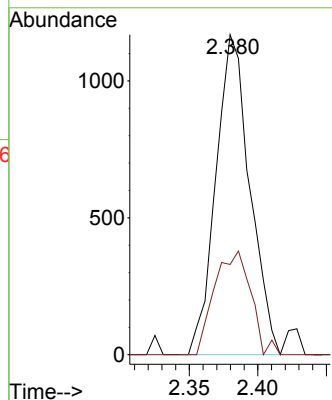
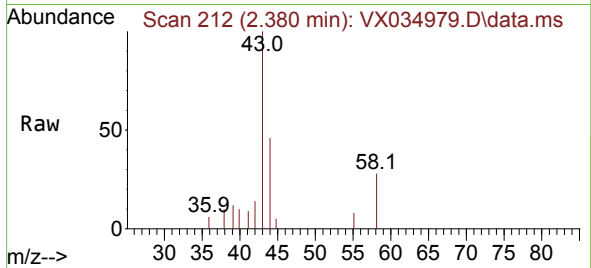




#16
Acetone
Concen: 1.158 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

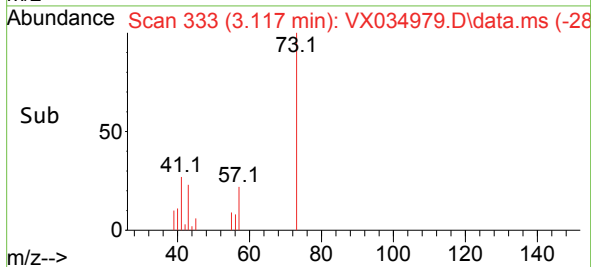
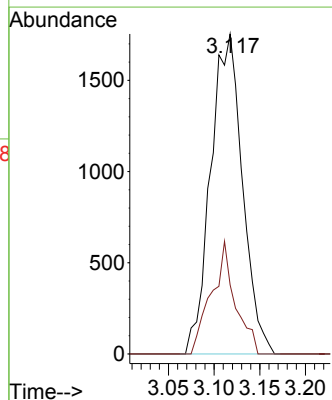
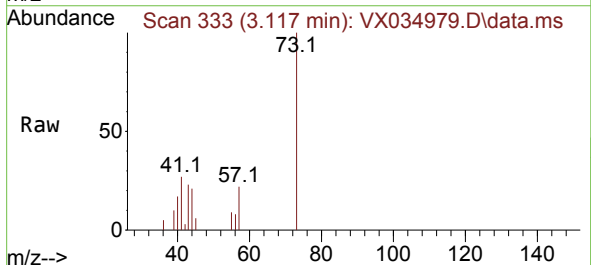
Instrument :
MSVOA_X
ClientSampleId :
PK-10I

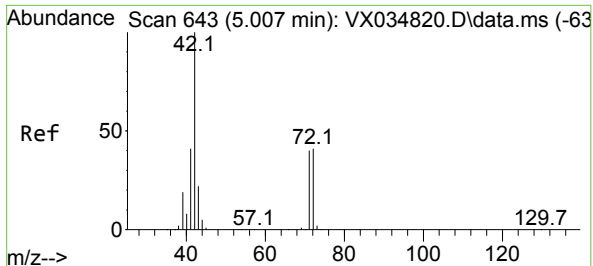
Tgt Ion: 43 Resp: 2017
Ion Ratio Lower Upper
43 100
58 28.2 24.7 37.1



#19
Methyl tert-butyl Ether
Concen: 0.398 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

Tgt Ion: 73 Resp: 4240
Ion Ratio Lower Upper
73 100
57 21.6 18.5 27.7





#29

Tetrahydrofuran

Concen: 0.712 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX034979.D

Acq: 07 Apr 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

PK-10I

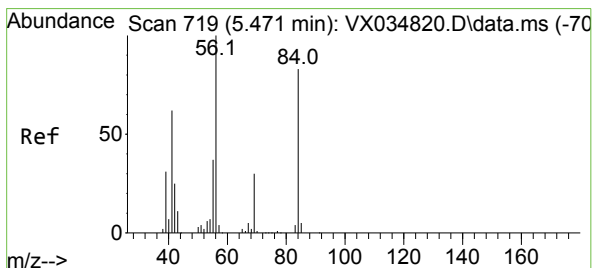
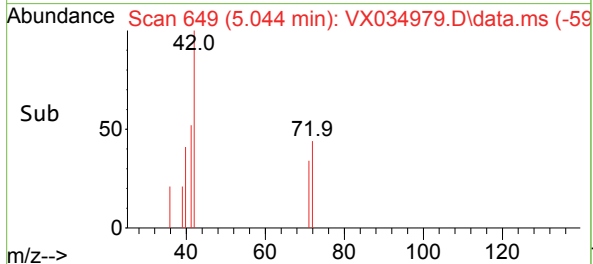
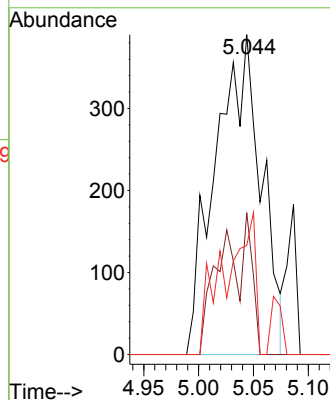
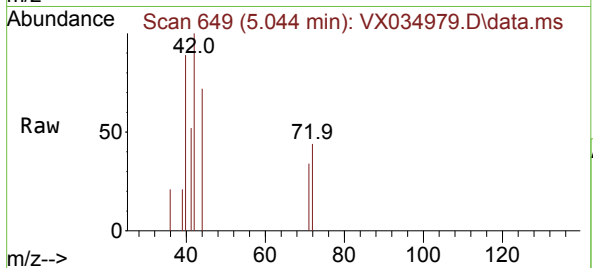
Tgt Ion: 42 Resp: 1130

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

71 29.7 32.1 48.1#



#31

Cyclohexane

Concen: 1.263 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034979.D

Acq: 07 Apr 2023 19:17

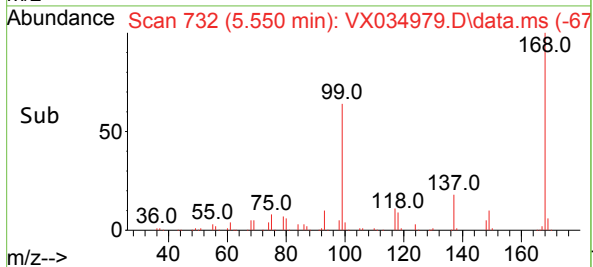
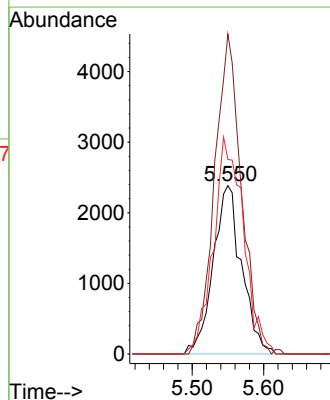
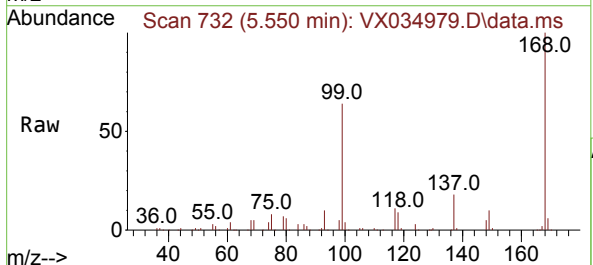
Tgt Ion: 56 Resp: 6593

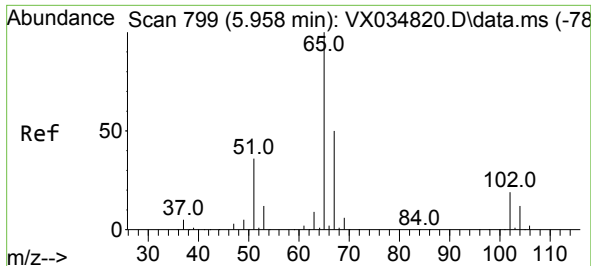
Ion Ratio Lower Upper

56 100

69 190.1 23.7 35.5#

84 115.4 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.473 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034979.D

Acq: 07 Apr 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

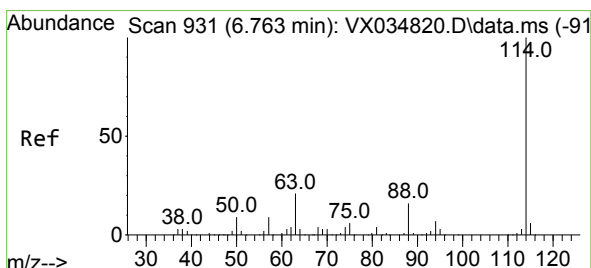
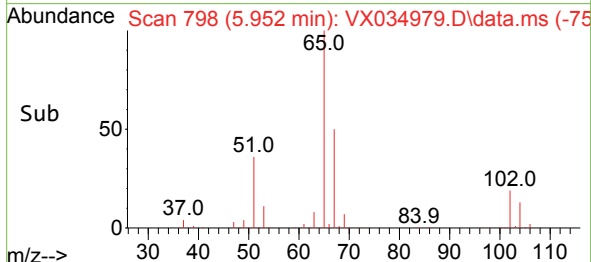
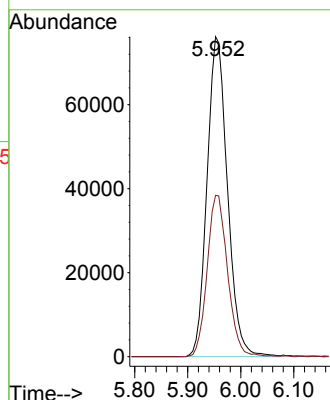
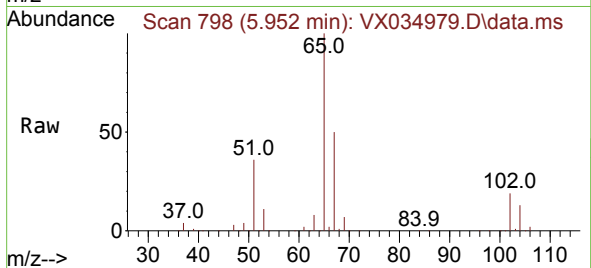
PK-10I

Tgt Ion: 65 Resp: 203488

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX034979.D

Acq: 07 Apr 2023 19:17

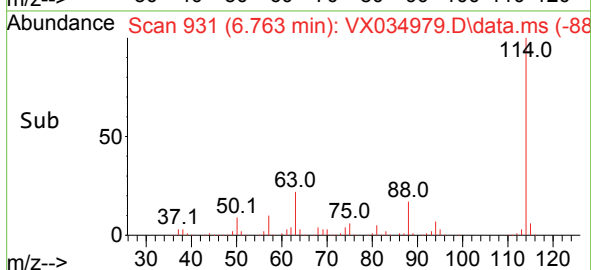
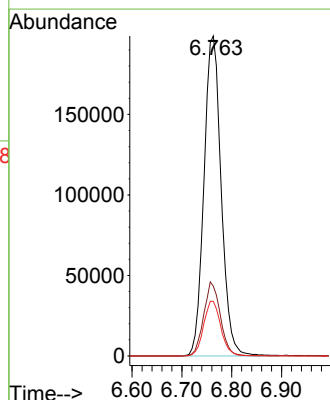
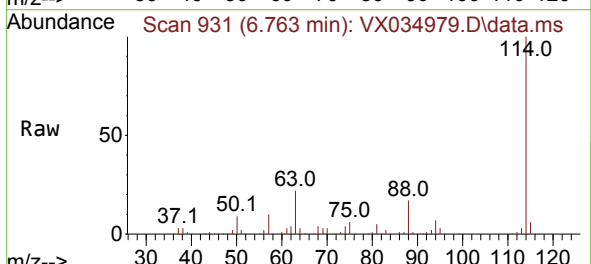
Tgt Ion: 114 Resp: 476906

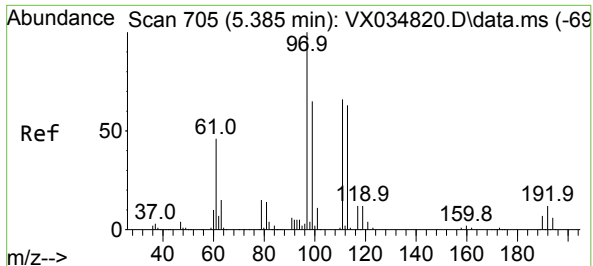
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 17.0 0.0 33.2

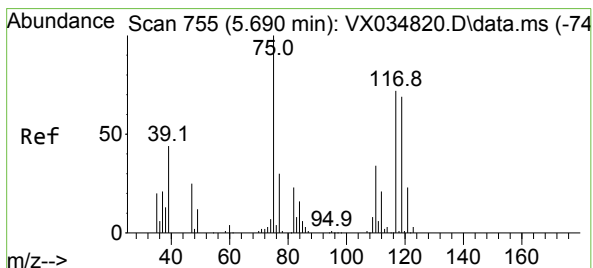
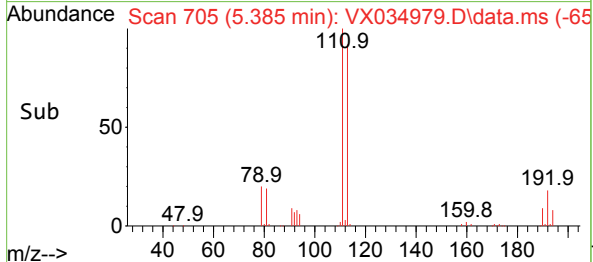
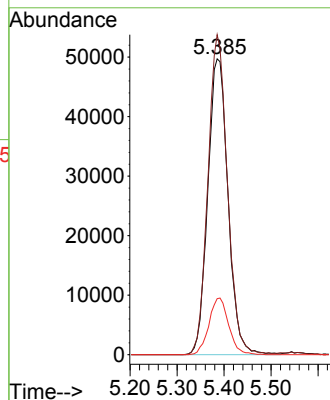
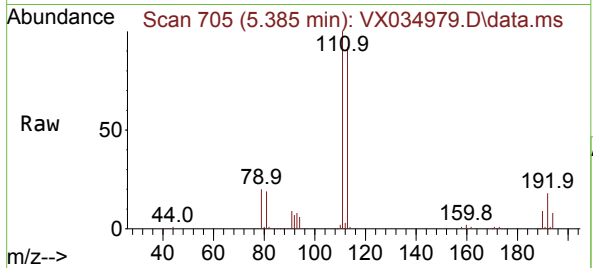




#35
Dibromofluoromethane
Concen: 47.083 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

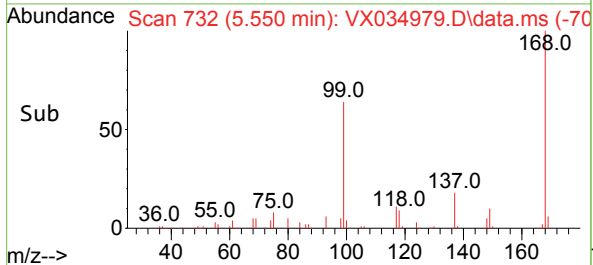
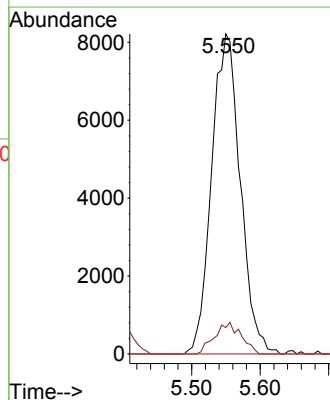
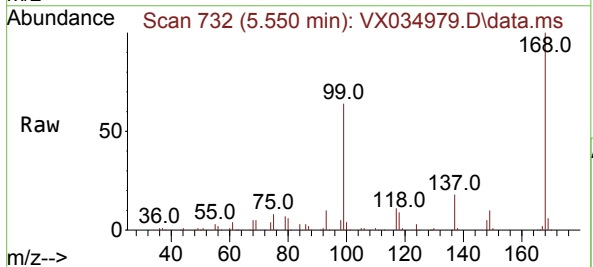
Instrument :
MSVOA_X
ClientSampleId :
PK-10I

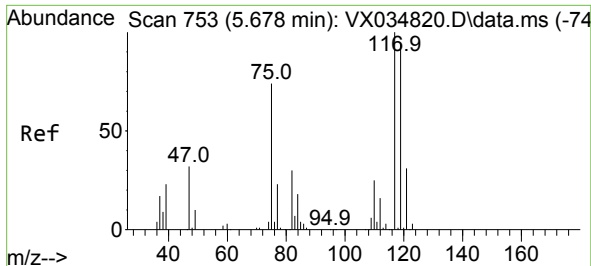
Tgt Ion:113 Resp: 148515
Ion Ratio Lower Upper
113 100
111 104.6 83.7 125.5
192 18.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.102 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

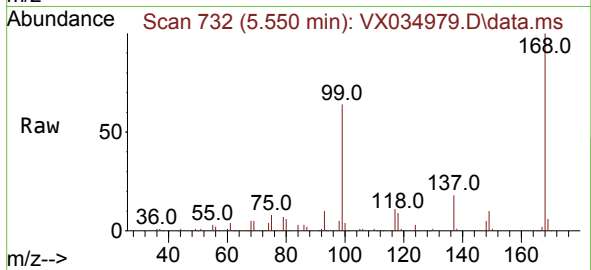
Tgt Ion: 75 Resp: 23845
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



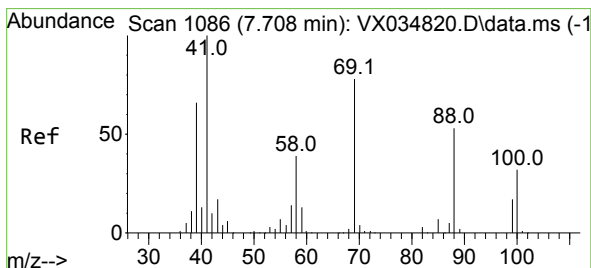
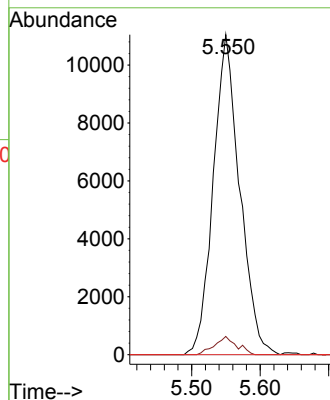
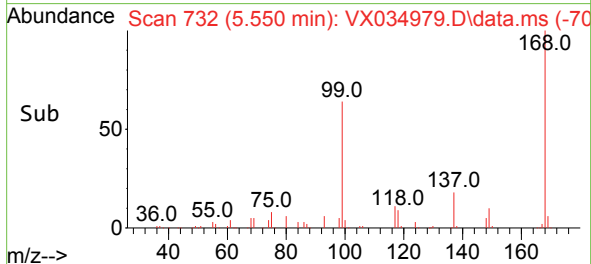


#38
Carbon Tetrachloride
Concen: 6.711 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10I

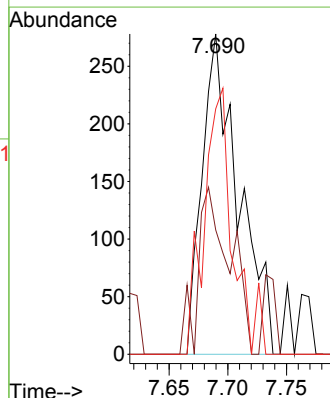
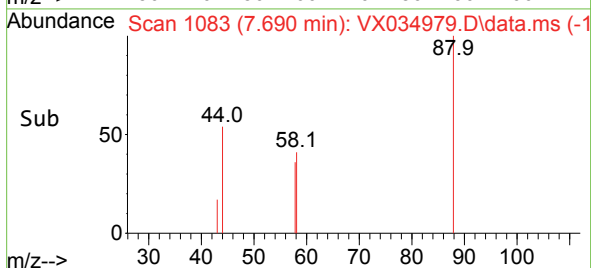
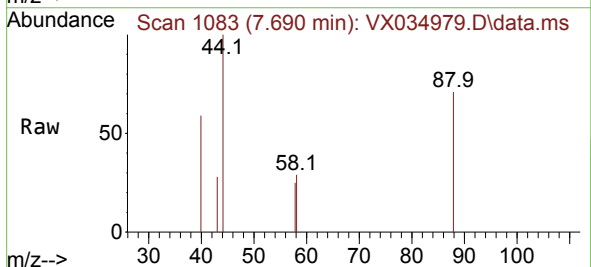


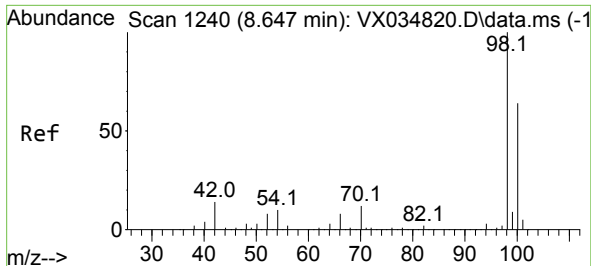
Tgt Ion:117 Resp: 29570
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 7.276 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.018 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

Tgt Ion: 88 Resp: 602
Ion Ratio Lower Upper
88 100
43 45.8 27.7 41.5#
58 65.1 56.8 85.2

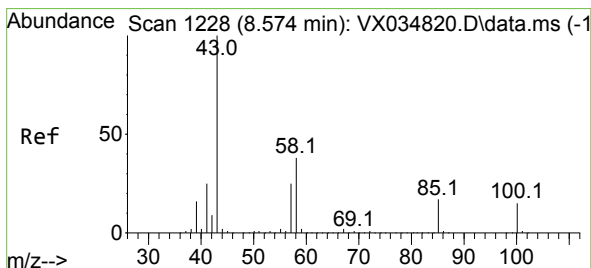
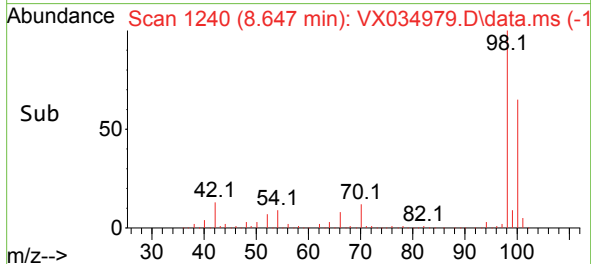
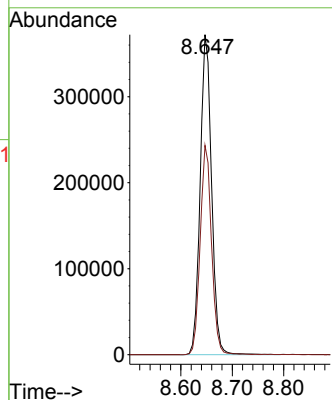
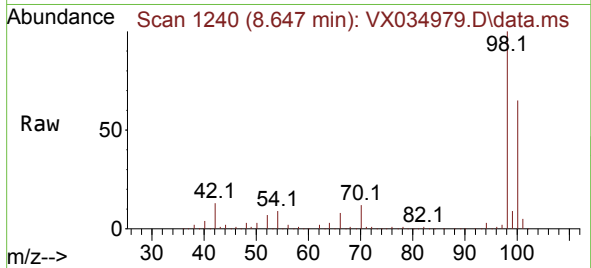




#50
Toluene-d8
Concen: 49.043 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

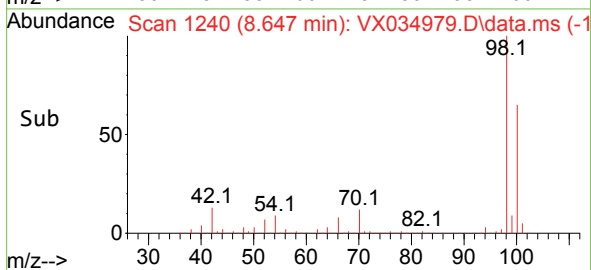
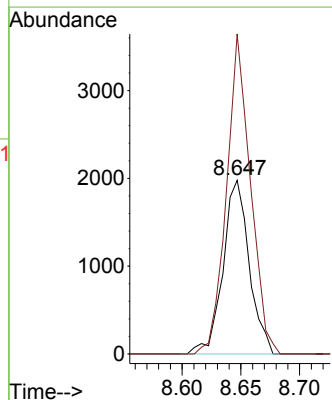
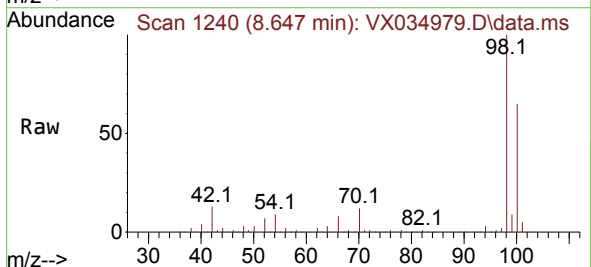
Instrument :
MSVOA_X
ClientSampleId :
PK-10I

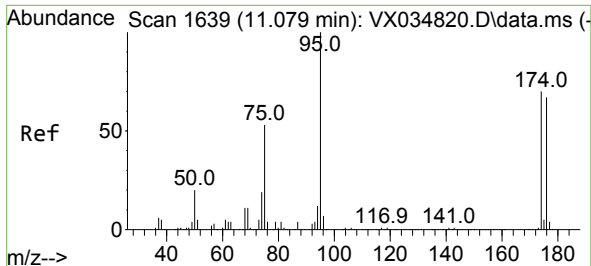
Tgt Ion: 98 Resp: 571002
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

Tgt Ion: 43 Resp: 3067
Ion Ratio Lower Upper
43 100
58 168.5 30.6 46.0#

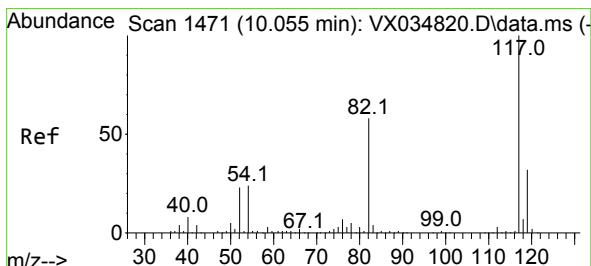
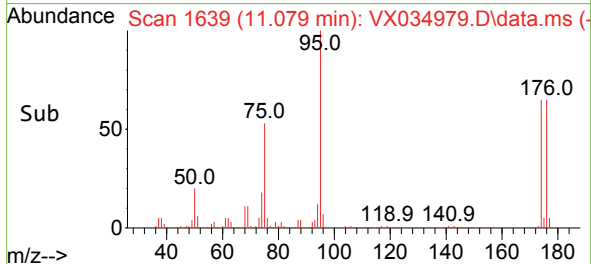
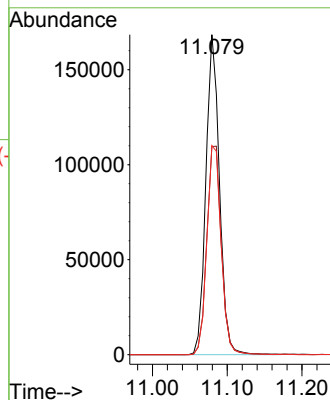
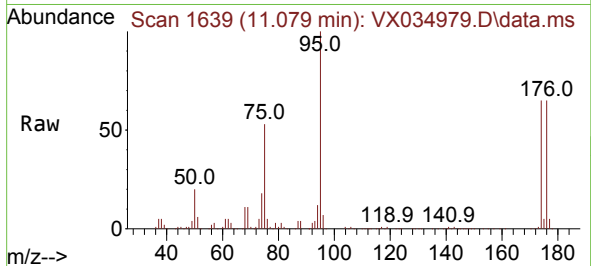




#62
4-Bromofluorobenzene
Concen: 47.145 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

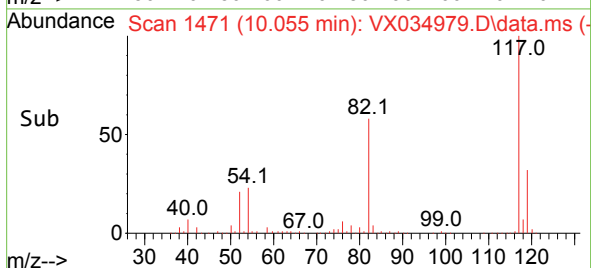
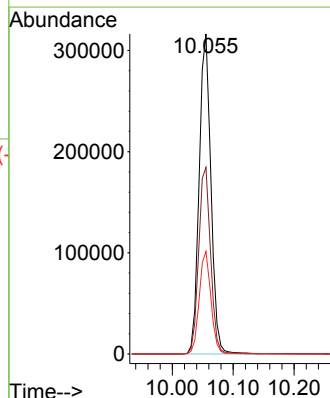
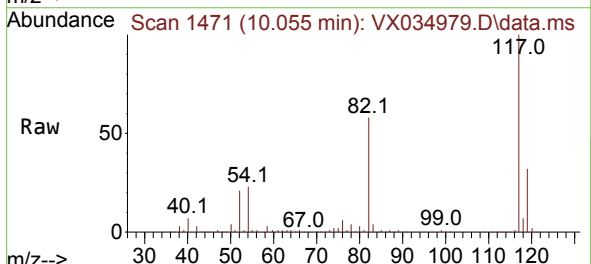
Instrument :
MSVOA_X
ClientSampleId :
PK-10I

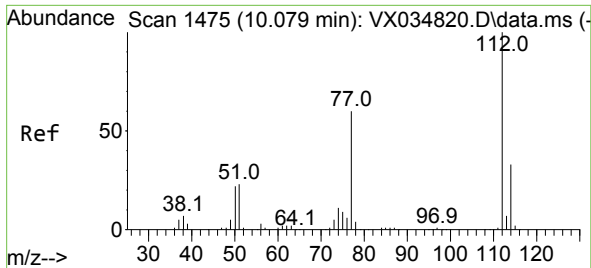
Tgt Ion: 95 Resp: 212412
Ion Ratio Lower Upper
95 100
174 70.0 0.0 147.4
176 68.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

Tgt Ion: 117 Resp: 424706
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.0 26.0 39.0

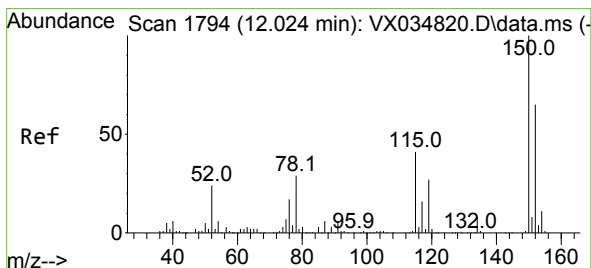
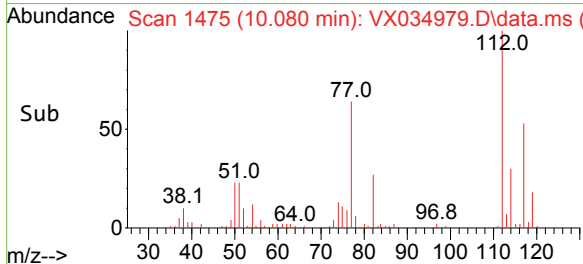
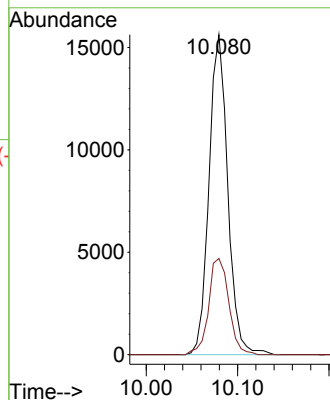
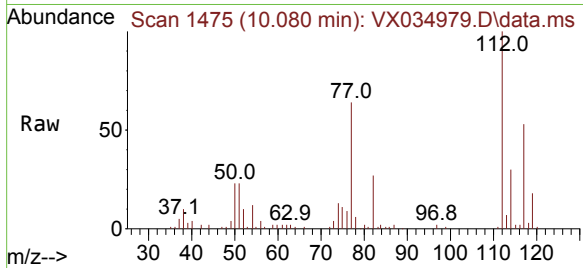




#65
Chlorobenzene
Concen: 2.517 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

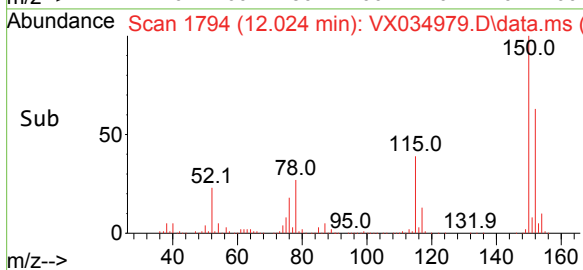
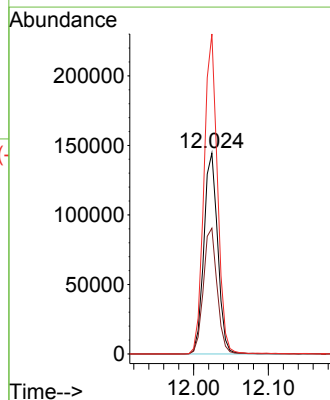
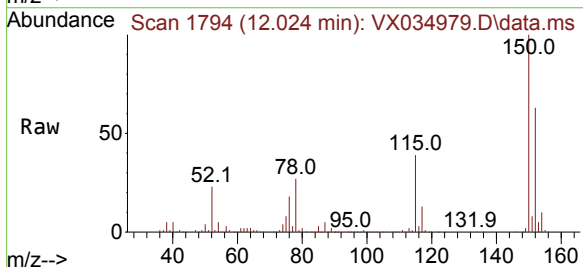
Instrument :
MSVOA_X
ClientSampleId :
PK-10I

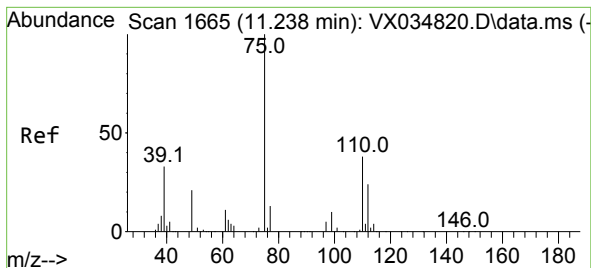
Tgt Ion:112 Resp: 22238
Ion Ratio Lower Upper
112 100
114 30.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034979.D
Acq: 07 Apr 2023 19:17

Tgt Ion:152 Resp: 185568
Ion Ratio Lower Upper
152 100
115 62.4 45.0 135.0
150 155.3 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 30.186 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034979.D

Acq: 07 Apr 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

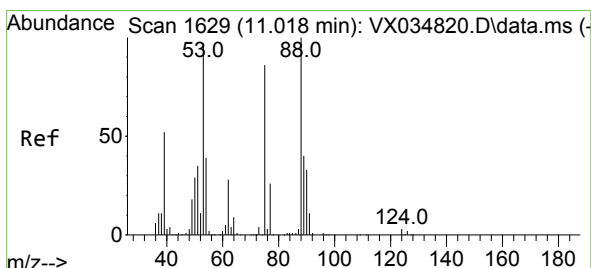
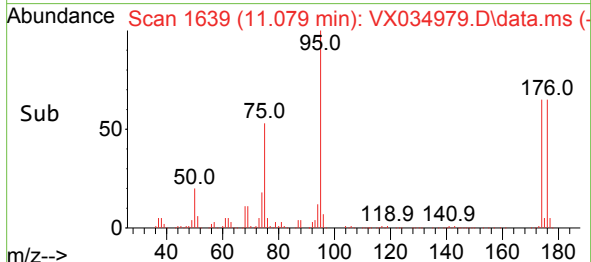
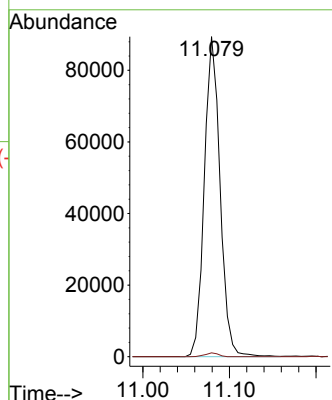
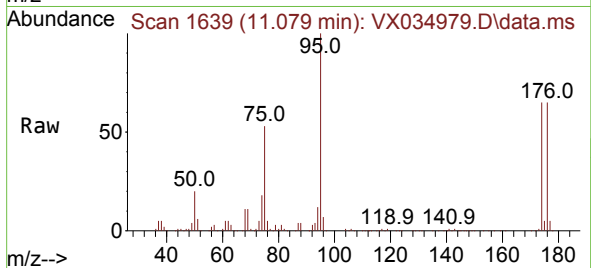
PK-10I

Tgt Ion: 75 Resp: 112867

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.465 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034979.D

Acq: 07 Apr 2023 19:17

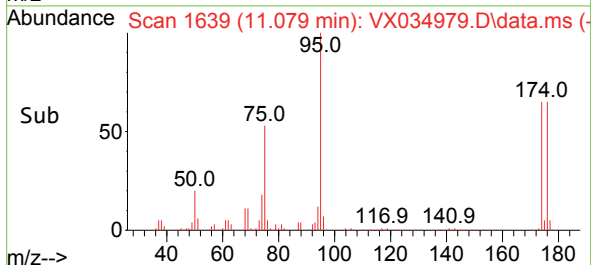
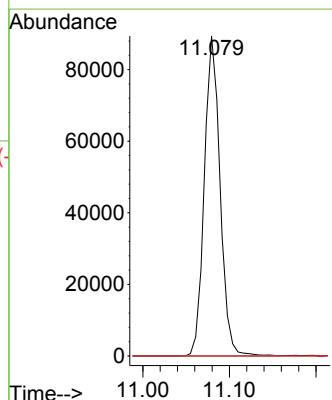
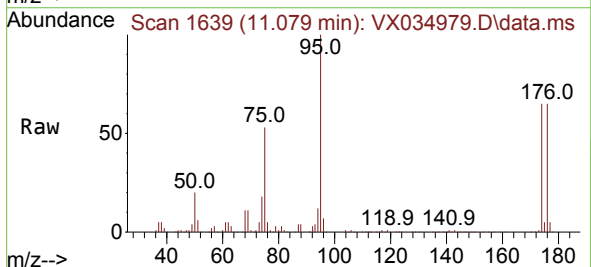
Tgt Ion: 75 Resp: 112867

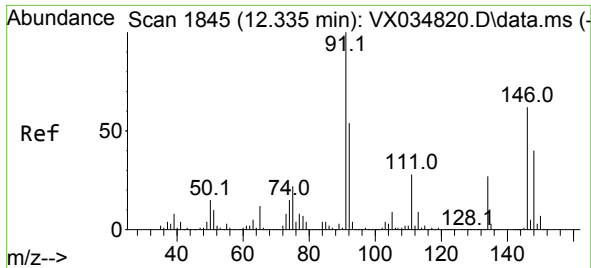
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#91
 1,2-Dichlorobenzene
 Concen: 0.201 ug/l
 RT: 12.341 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX034979.D
 Acq: 07 Apr 2023 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10I

Tgt Ion:146	Resp:	1237
Ion	Ratio	Lower Upper
146	100	
111	60.3	22.0 66.0
148	68.6	32.0 96.0

