

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034484.D
 Acq On : 15 Mar 2023 05:27
 Operator : JC/MD
 Sample : 01903-12 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230312

Quant Time: Mar 15 07:00:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

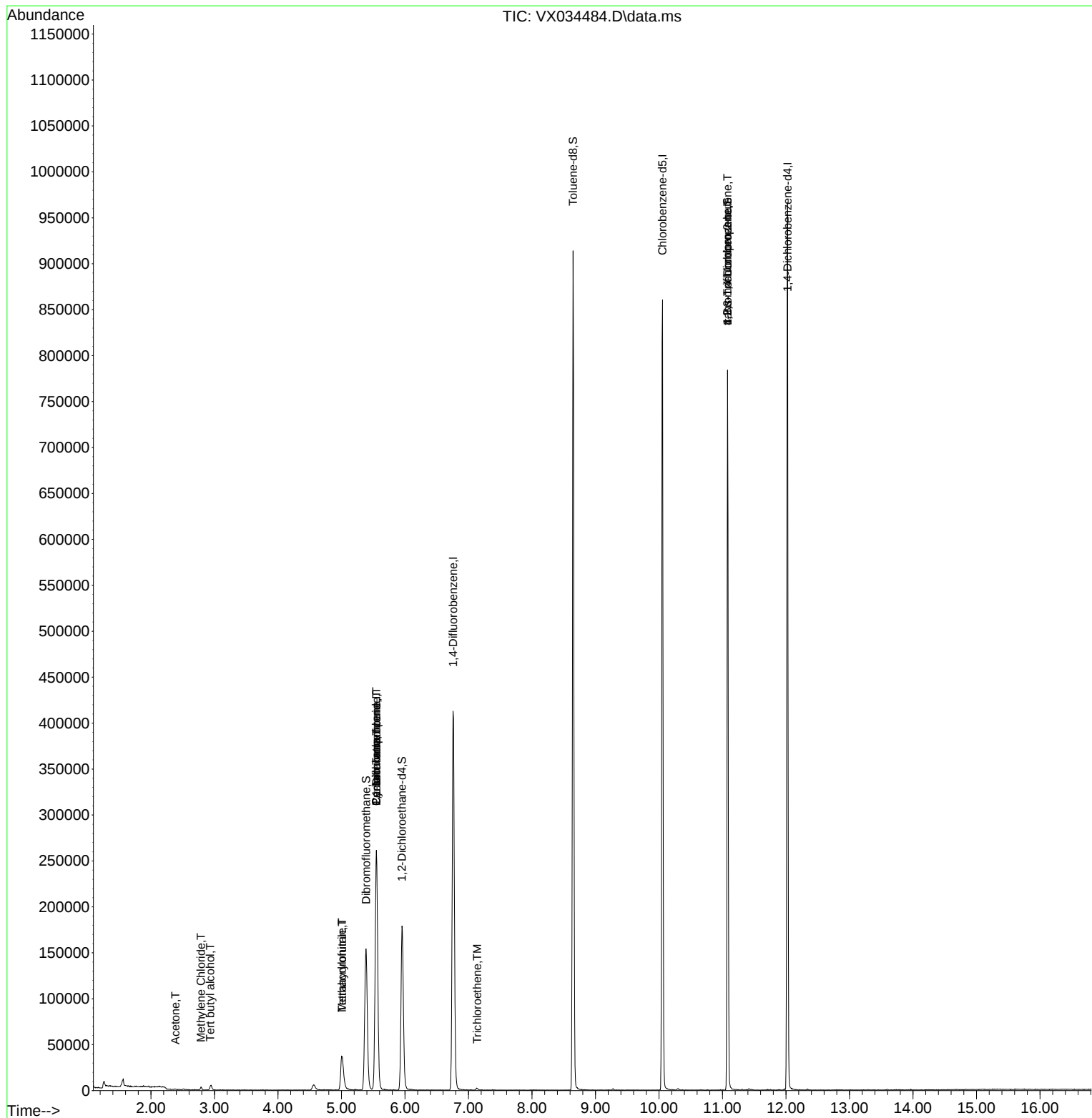
Internal Standards						
1) Pentafluorobenzene	5.550	168	247709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	419458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165282	45.865	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.720%
35) Dibromofluoromethane	5.385	113	133448	48.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	8.647	98	512521	49.574	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	198379	47.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	784	Below Cal	#	78
11) Tert butyl alcohol	2.934	59	3377	4.500	ug/l #	73
16) Acetone	2.386	43	809	0.477	ug/l #	44
20) Methylene Chloride	2.788	84	1255	0.381	ug/l #	96
29) Tetrahydrofuran	5.007	42	38664	25.797	ug/l	98
31) Cyclohexane	5.550	56	5833	1.154	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	19406	4.562	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25281	5.974	ug/l #	15
41) Methacrylonitrile	5.007	41	21539	8.457	ug/l #	48
44) Trichloroethene	7.135	130	830	0.257	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	103554	24.037	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	103554	65.027	ug/l #	8

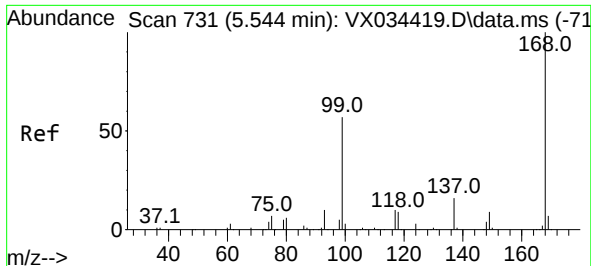
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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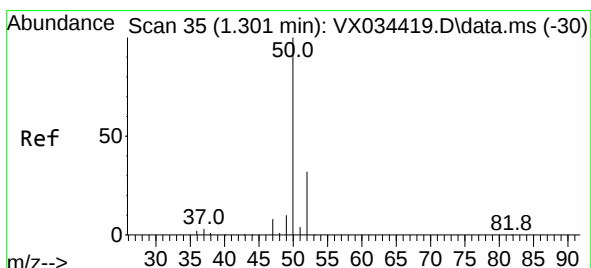
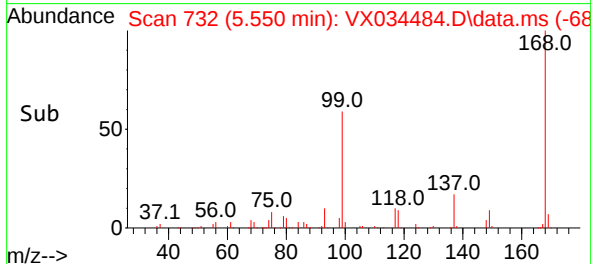
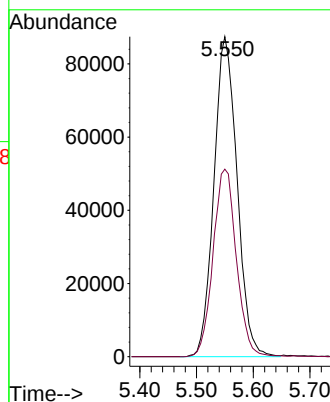
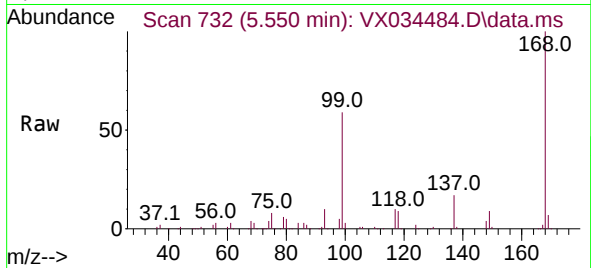




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

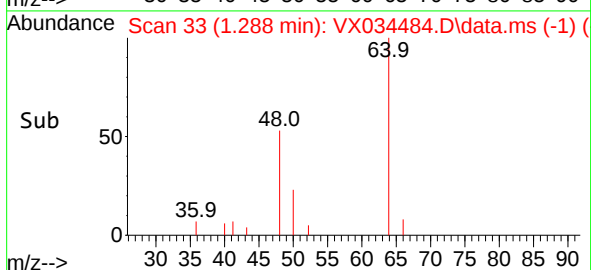
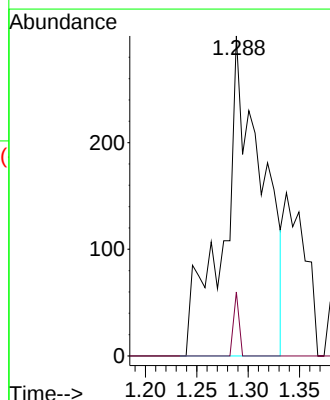
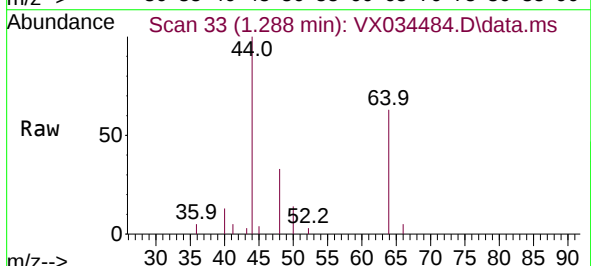
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230312

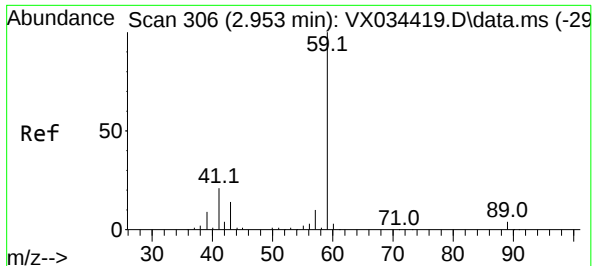
Tgt Ion:168 Resp: 247709
Ion Ratio Lower Upper
168 100
99 58.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion: 50 Resp: 784
Ion Ratio Lower Upper
50 100
52 20.0 25.9 38.9





#11

Tert butyl alcohol

Concen: 4.500 ug/l

RT: 2.934 min Scan# 306

Delta R.T. -0.018 min

Lab File: VX034484.D

Acq: 15 Mar 2023 05:27

Instrument :

MSVOA_X

ClientSampleId :

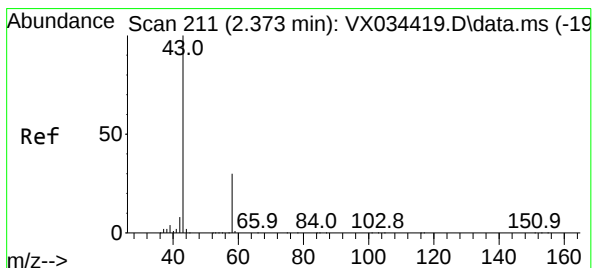
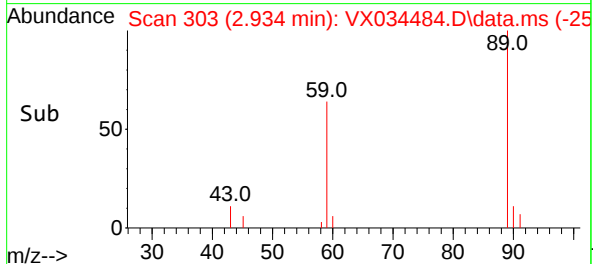
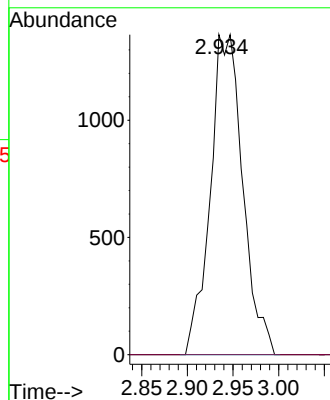
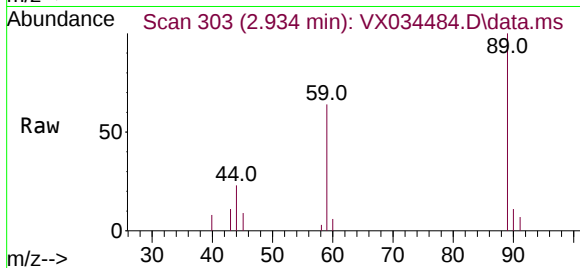
DUP05-20230312

Tgt Ion: 59 Resp: 3377

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.477 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX034484.D

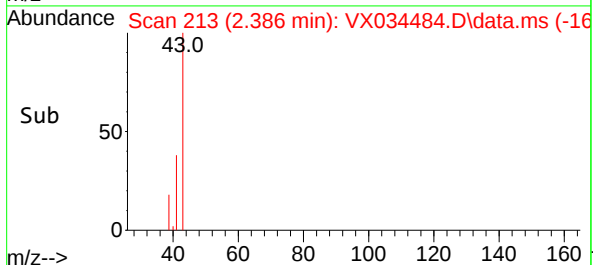
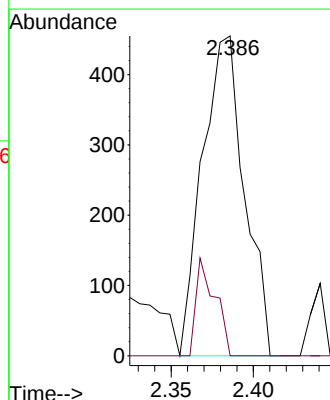
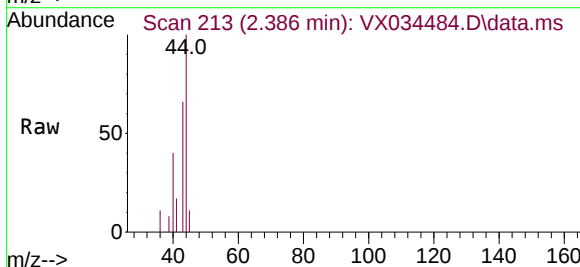
Acq: 15 Mar 2023 05:27

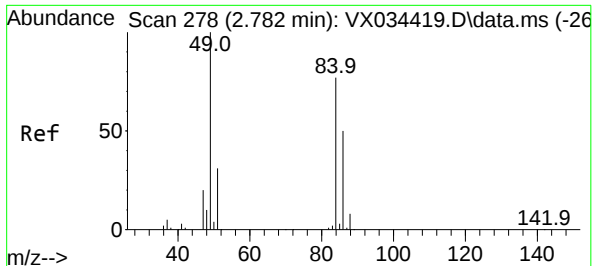
Tgt Ion: 43 Resp: 809

Ion Ratio Lower Upper

43 100

58 0.0 24.7 37.1#

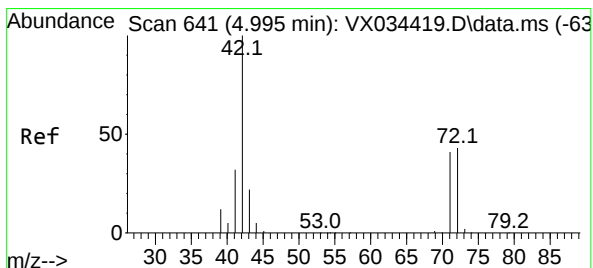
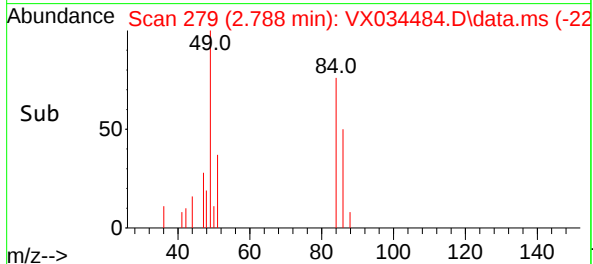
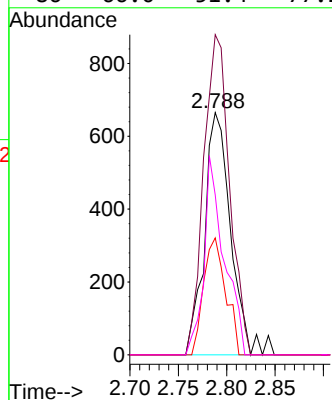
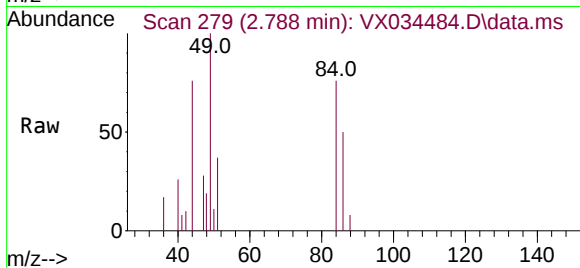




#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

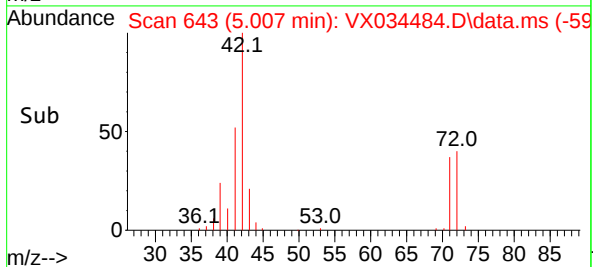
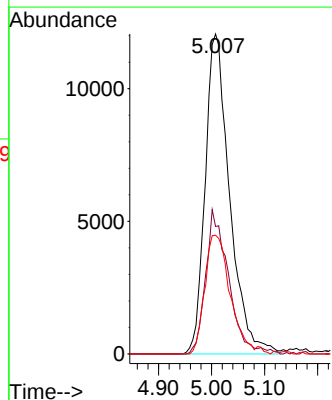
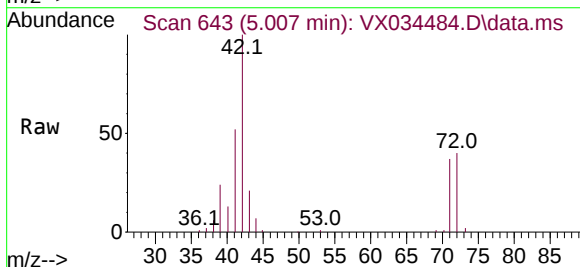
Instrument :
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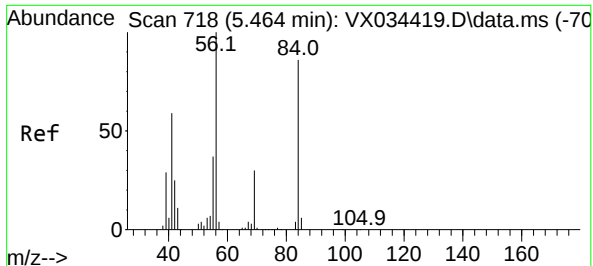
Tgt Ion:	84	Resp:	1255
Ion	Ratio	Lower	Upper
84	100		
49	132.2	103.8	155.8
51	48.3	31.8	47.8#
86	66.0	51.4	77.2



#29
Tetrahydrofuran
Concen: 25.797 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.012 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion:	42	Resp:	38664
Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.5	51.7
71	38.8	32.1	48.1

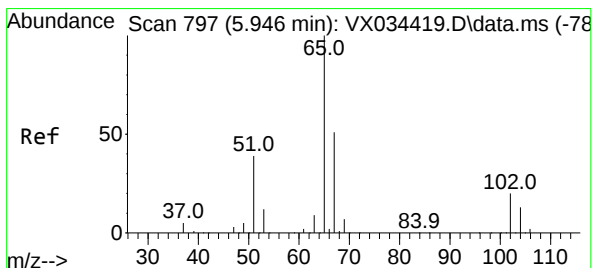
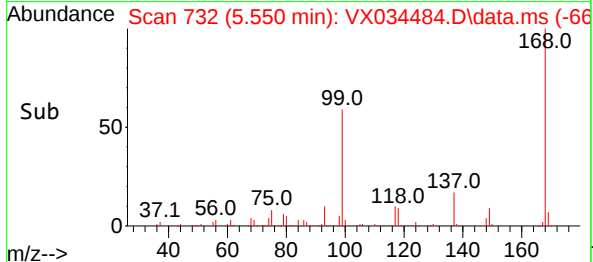
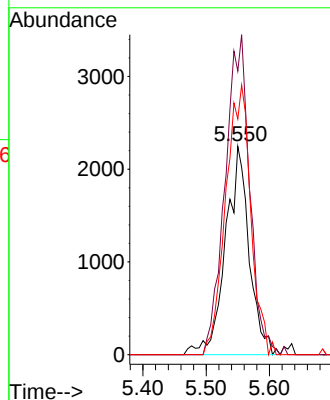
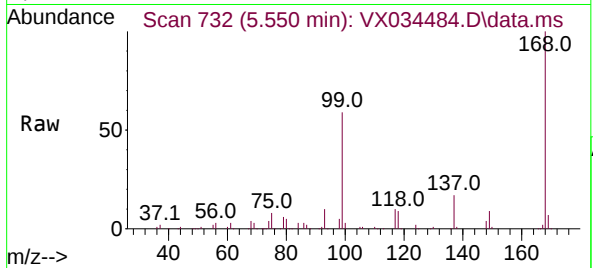




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

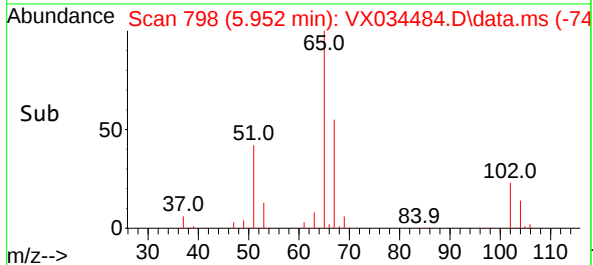
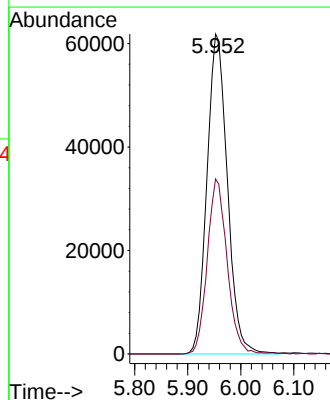
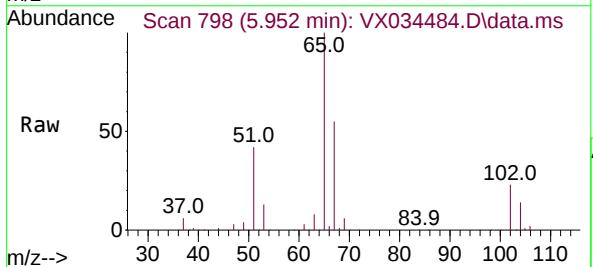
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230312

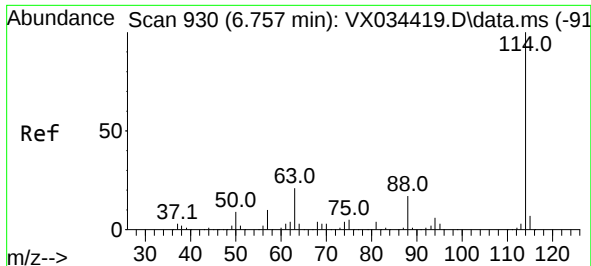
Tgt Ion: 56 Resp: 5833
Ion Ratio Lower Upper
56 100
69 136.1 23.7 35.5#
84 113.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.865 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion: 65 Resp: 165282
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.0

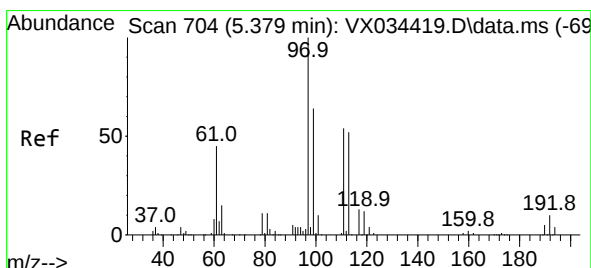
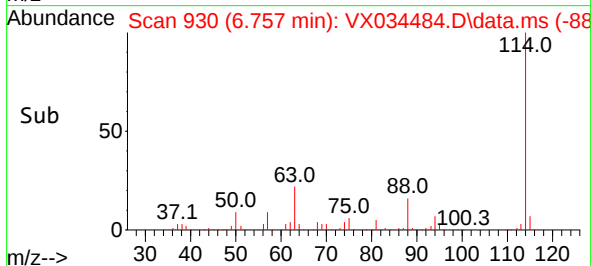
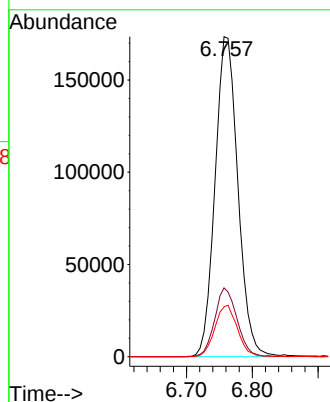
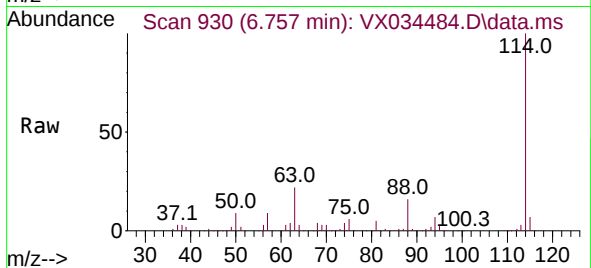




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

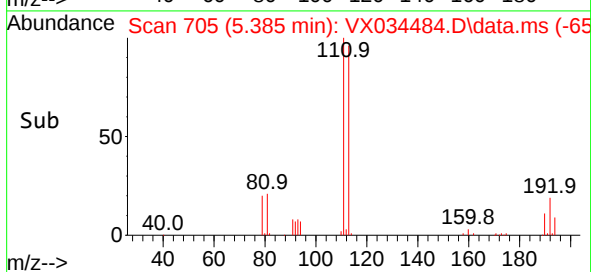
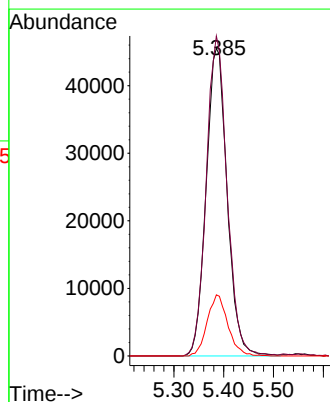
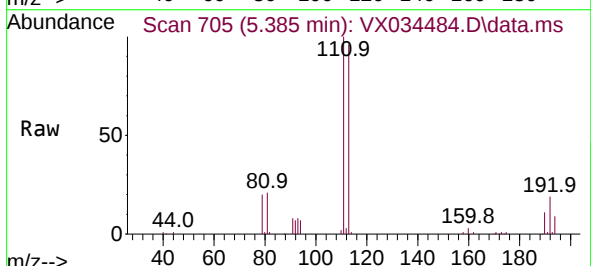
Instrument :
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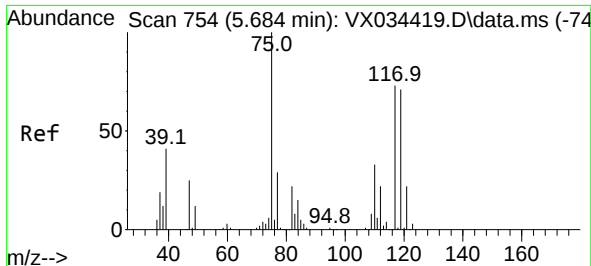
Tgt Ion:114 Resp: 419458
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.186 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion:113 Resp: 133448
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 19.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.562 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.134 min

Lab File: VX034484.D

Acq: 15 Mar 2023 05:27

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20230312

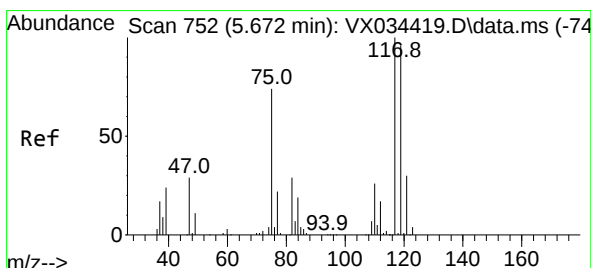
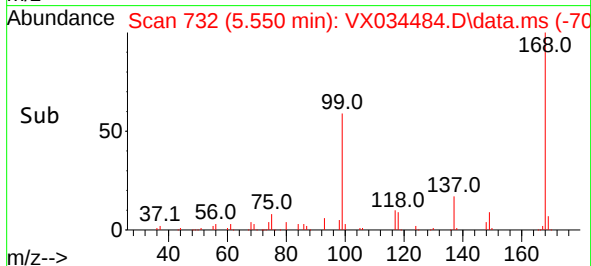
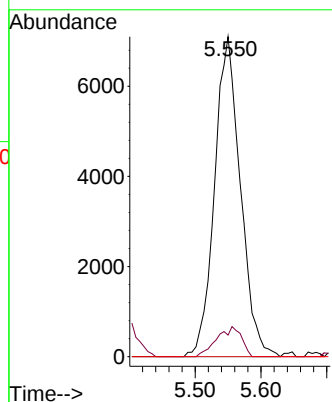
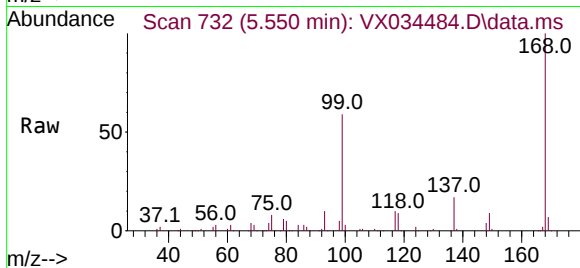
Tgt Ion: 75 Resp: 19406

Ion Ratio Lower Upper

75 100

110 9.0 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.974 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034484.D

Acq: 15 Mar 2023 05:27

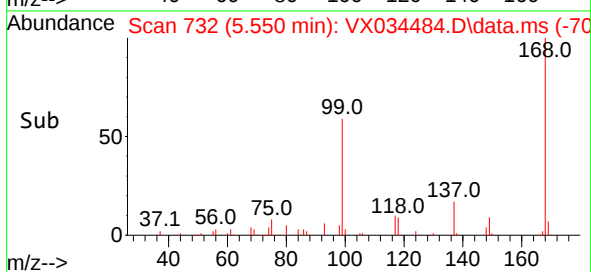
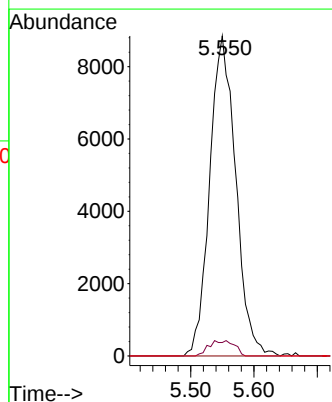
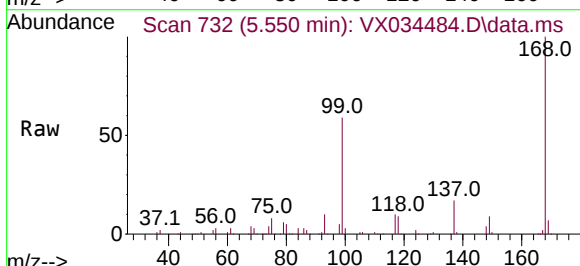
Tgt Ion: 117 Resp: 25281

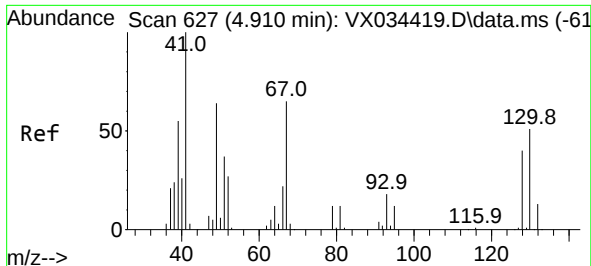
Ion Ratio Lower Upper

117 100

119 4.2 76.6 114.8#

121 0.0 23.8 35.6#

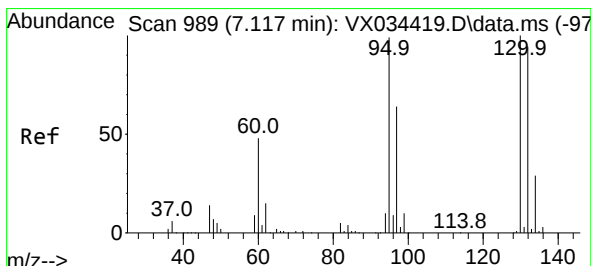
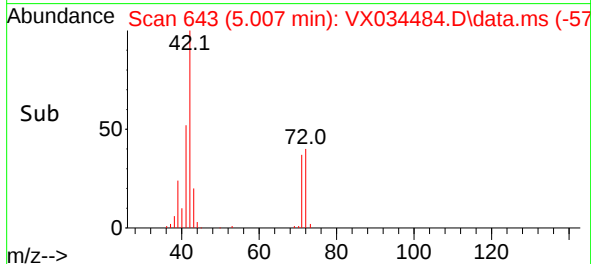
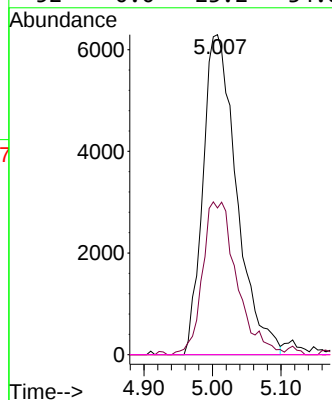
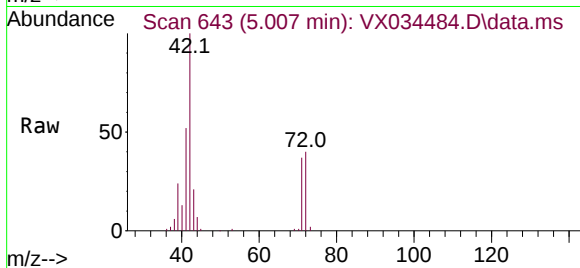




#41
Methacrylonitrile
Concen: 8.457 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.098 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

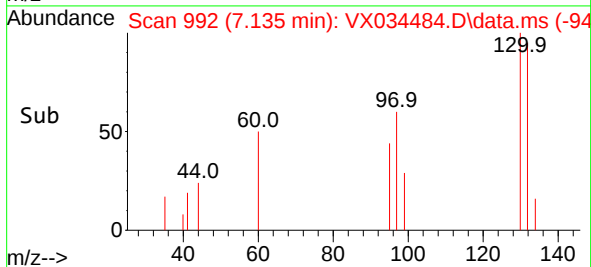
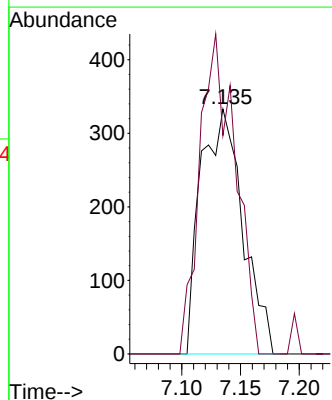
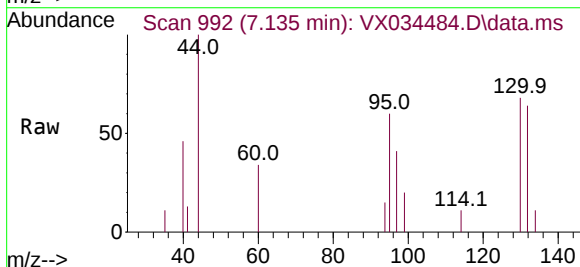
Instrument :
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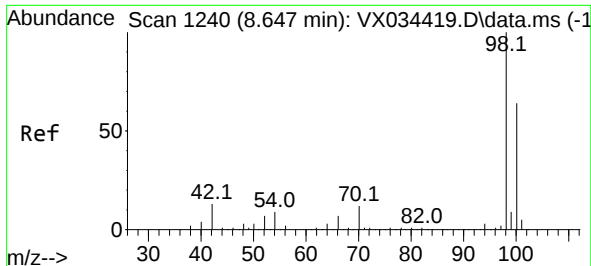
Tgt Ion: 41	Resp: 21539
Ion Ratio	Lower Upper
41 100	
39 48.4	45.0 67.6
67 0.0	55.6 83.4#
52 0.0	23.2 34.8#



#44
Trichloroethene
Concen: 0.257 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.018 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion: 130	Resp: 830
Ion Ratio	Lower Upper
130 100	
95 89.2	0.0 198.4

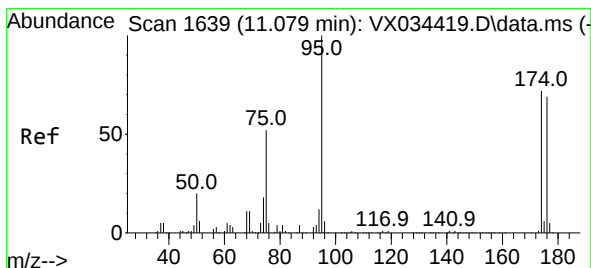
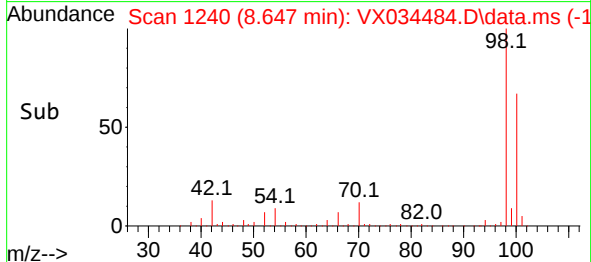
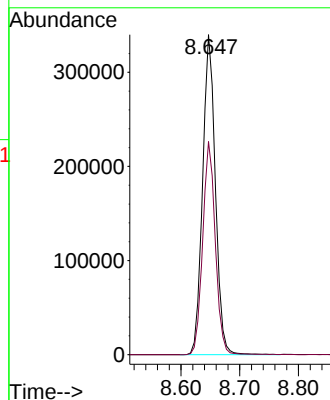
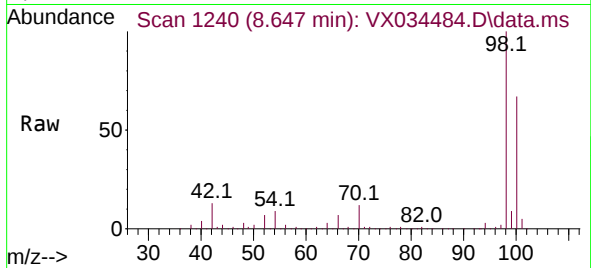




#50
Toluene-d8
Concen: 49.574 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

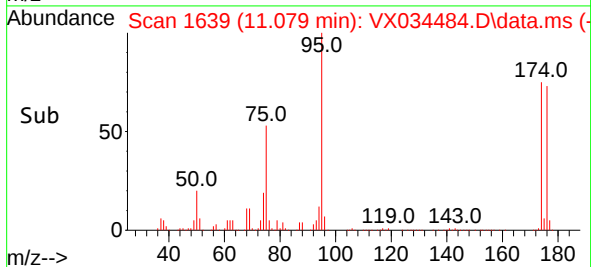
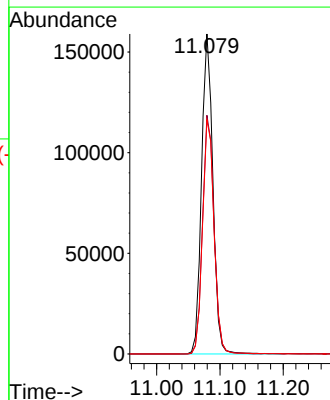
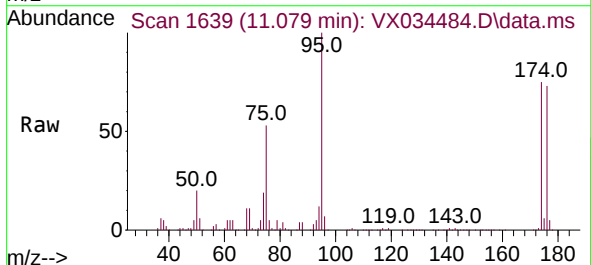
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230312

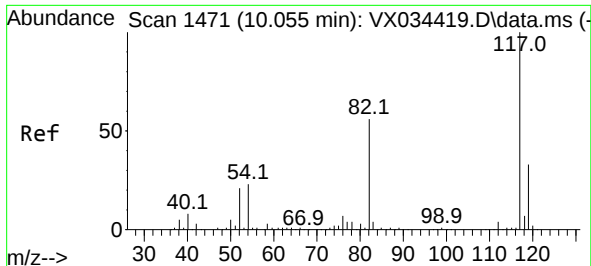
Tgt Ion: 98 Resp: 512521
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion: 95 Resp: 198379
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 74.6 0.0 140.6

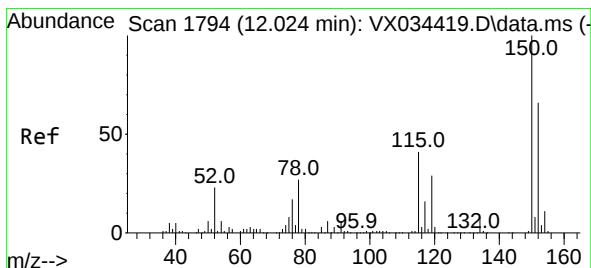
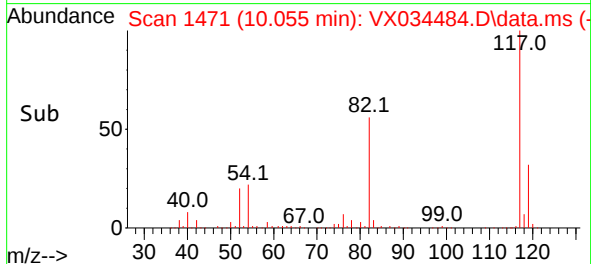
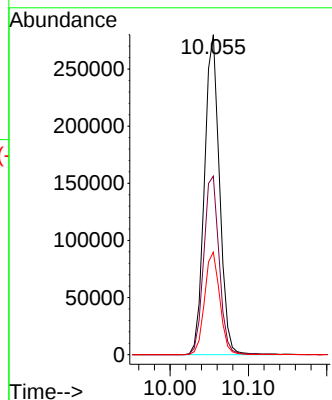
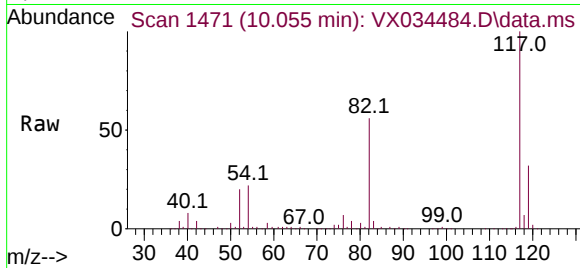




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

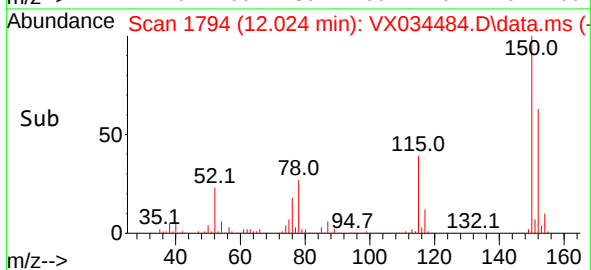
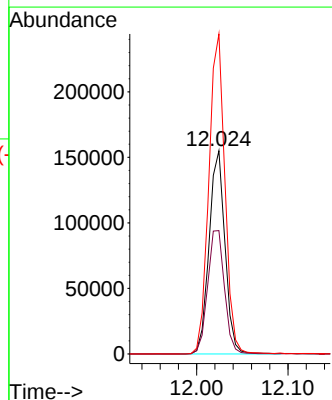
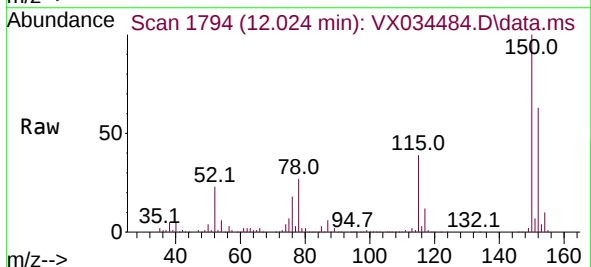
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230312

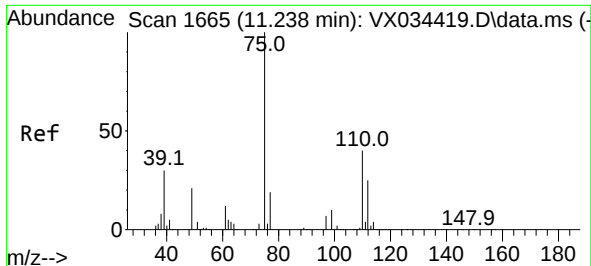
Tgt Ion:117 Resp: 373861
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion:152 Resp: 187628
Ion Ratio Lower Upper
152 100
115 64.3 45.0 135.0
150 158.7 0.0 352.4

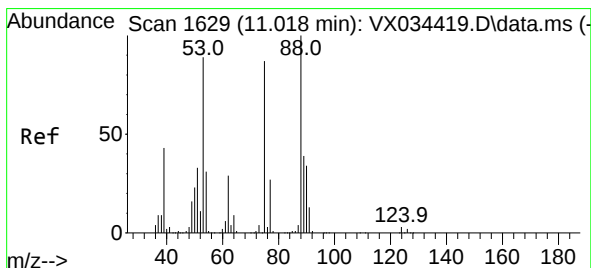
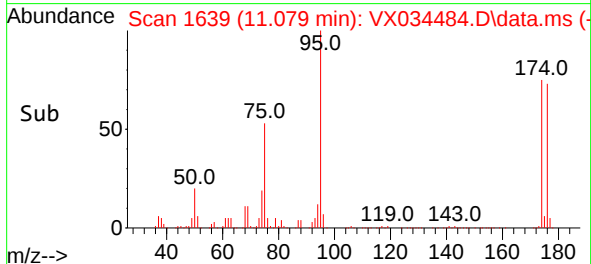
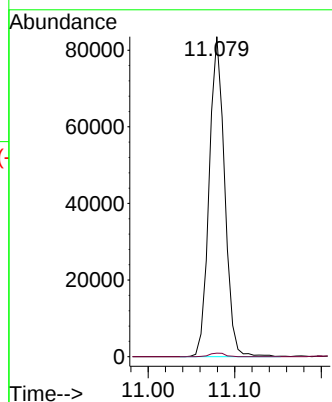
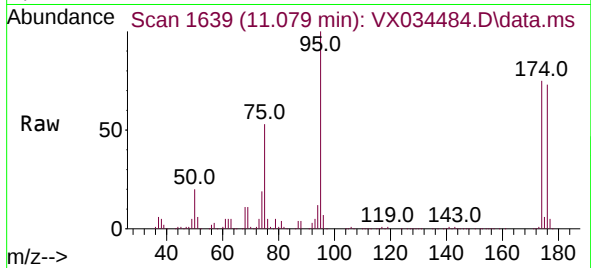




#76
1,2,3-Trichloropropane
Concen: 24.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230312

Tgt Ion: 75 Resp: 103554
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion: 75 Resp: 103554
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

