

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024529.D
 Acq On : 04 Oct 2021 18:43
 Operator : JC/MD
 Sample : M4044-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Oct 05 03:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

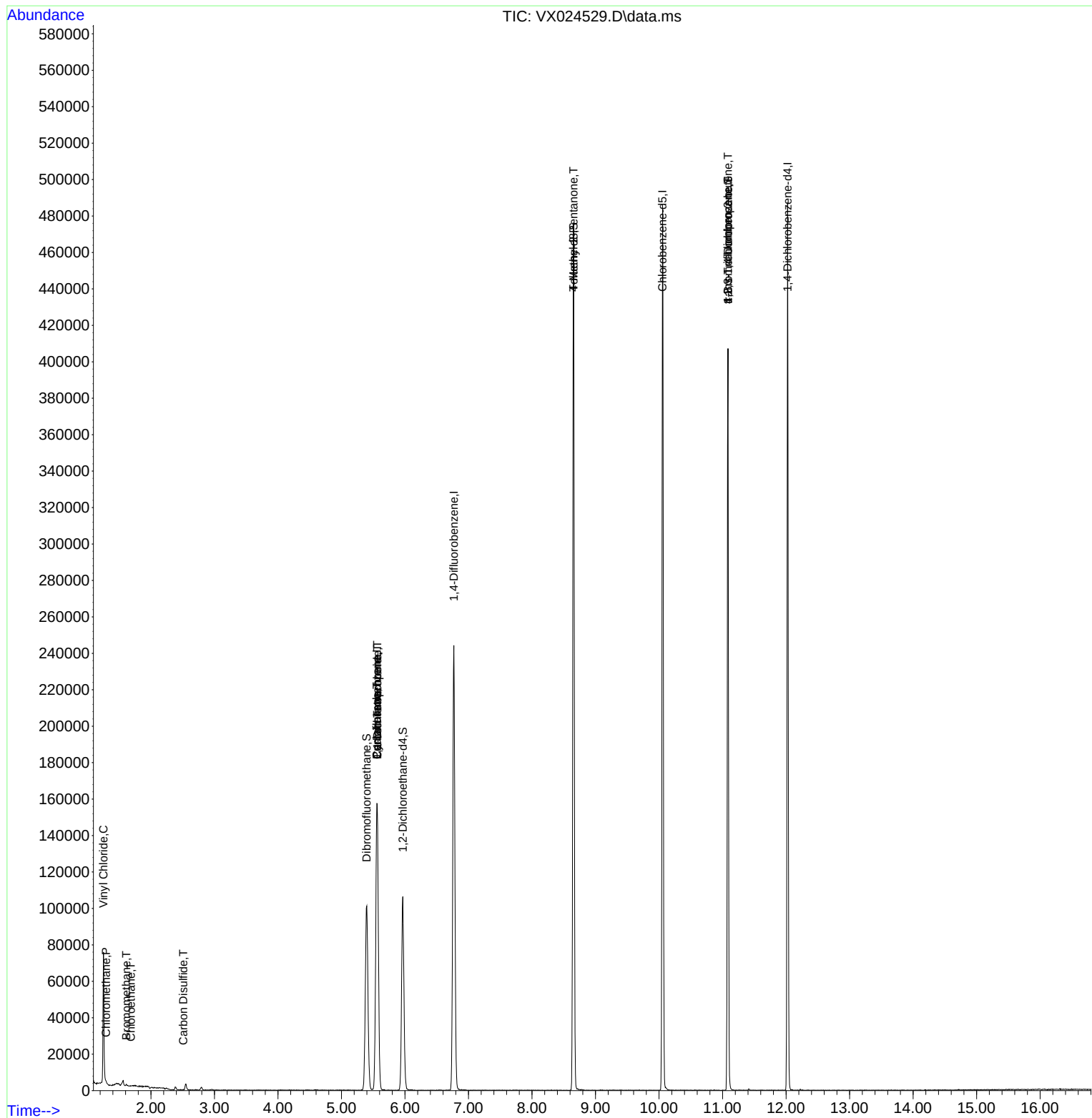
Internal Standards						
1) Pentafluorobenzene	5.556	168	151215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102809	48.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.480%
35) Dibromofluoromethane	5.397	113	88308	56.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.140%
50) Toluene-d8	8.653	98	270523	46.664	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.085	95	101695	44.616	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.240%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	500	0.349	ug/l	92
4) Vinyl Chloride	1.252	62	406	0.271	ug/l #	1
5) Bromomethane	1.611	94	226	0.224	ug/l #	62
6) Chloroethane	1.685	64	256	0.513	ug/l #	78
11) Tert butyl alcohol	2.947	59	352	Below Cal	#	73
16) Acetone	2.386	43	1660	Below Cal	#	85
17) Carbon Disulfide	2.508	76	81	0.250	ug/l #	75
20) Methylene Chloride	2.794	84	842	Below Cal		96
31) Cyclohexane	5.556	56	2688	1.053	ug/l #	5
36) 1,1-Dichloropropene	5.562	75	11636	5.119	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15643	6.322	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1408	0.494	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55538	25.510	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55538	69.526	ug/l #	12

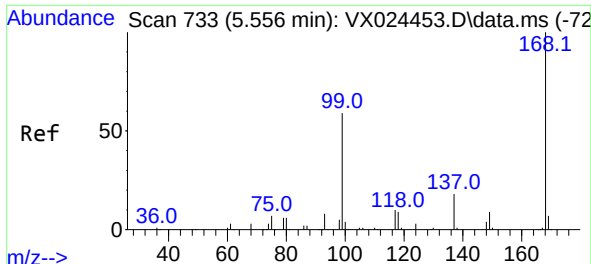
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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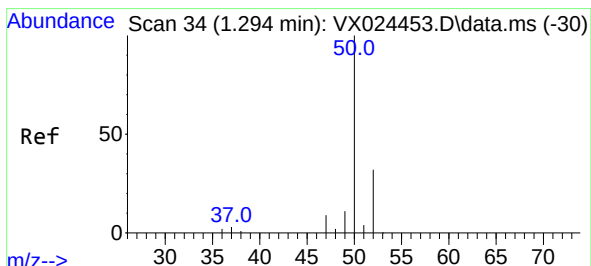
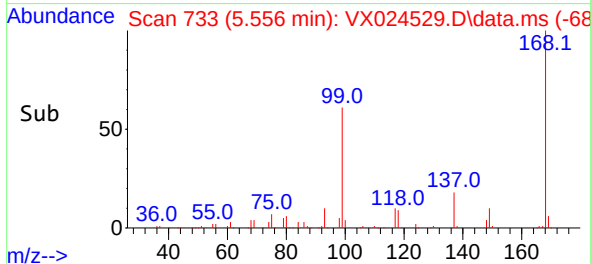
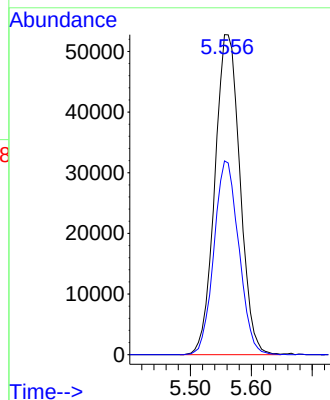
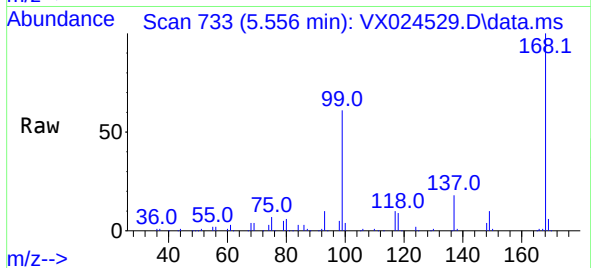




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

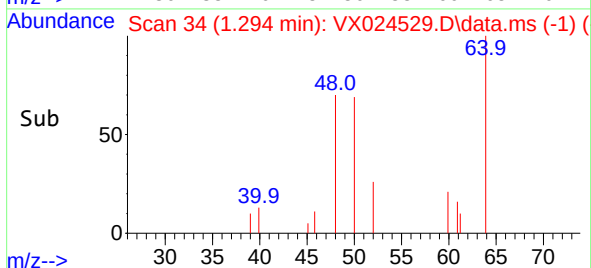
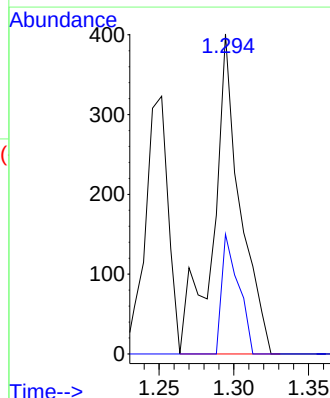
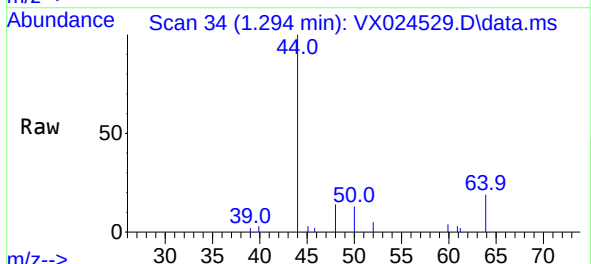
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

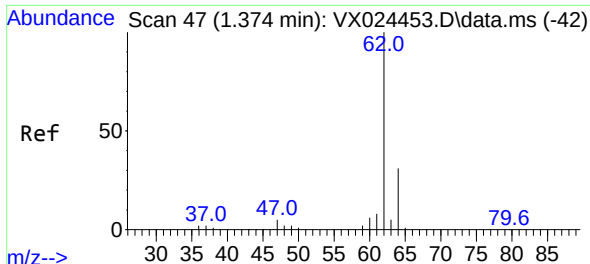
Tgt Ion:168 Resp: 151215
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6



#3
Chloromethane
Concen: 0.349 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

Tgt Ion: 50 Resp: 500
Ion Ratio Lower Upper
50 100
52 37.4 26.4 39.6

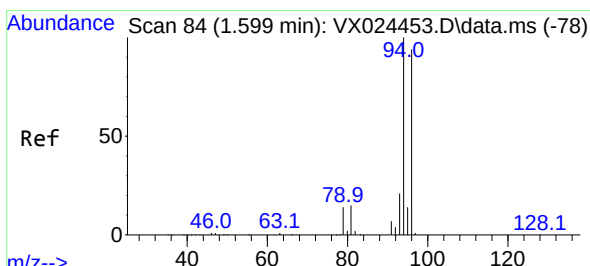
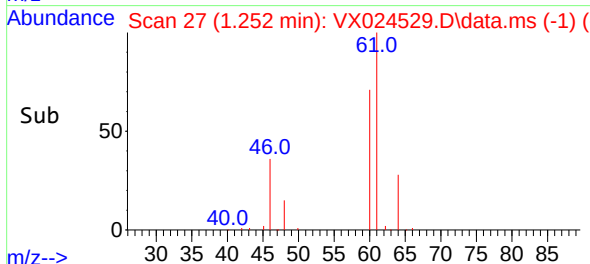
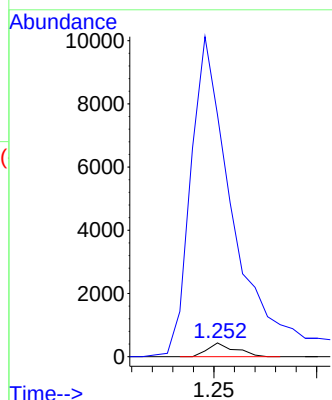
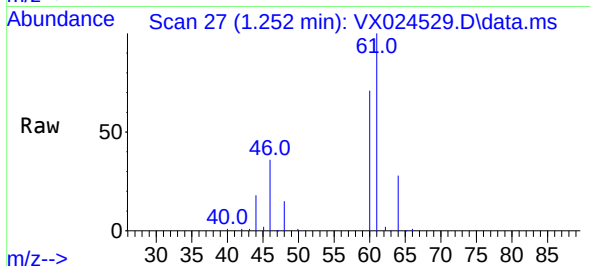




#4
 Vinyl Chloride
 Concen: 0.271 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024529.D
 Acq: 04 Oct 2021 18:43

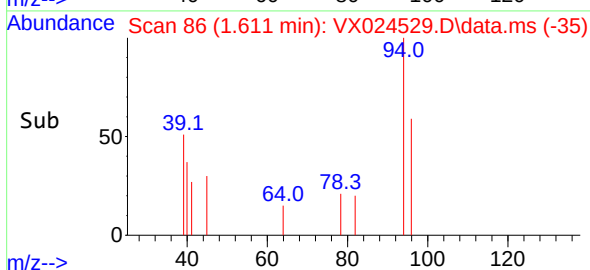
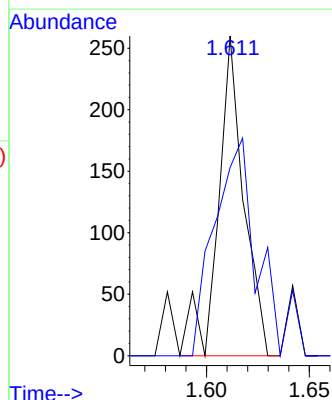
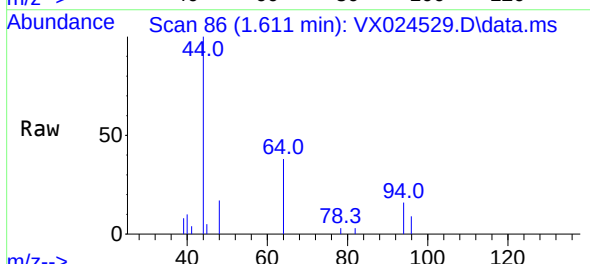
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

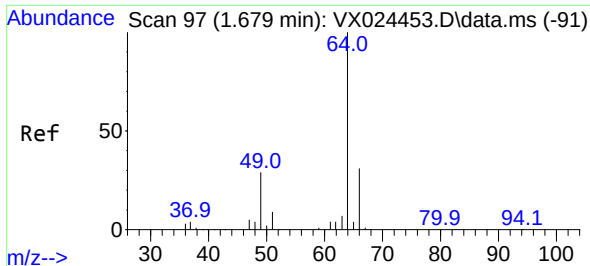
Tgt Ion: 62 Resp: 406
 Ion Ratio Lower Upper
 62 100
 64 1534.4 25.7 38.5#



#5
 Bromomethane
 Concen: 0.224 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX024529.D
 Acq: 04 Oct 2021 18:43

Tgt Ion: 94 Resp: 226
 Ion Ratio Lower Upper
 94 100
 96 58.8 76.4 114.6#

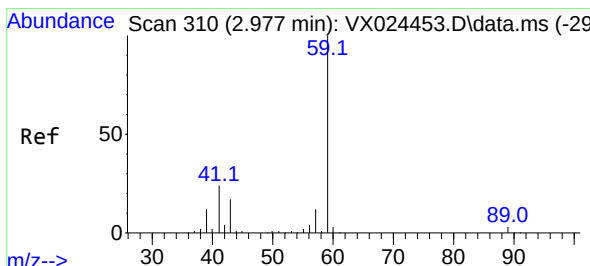
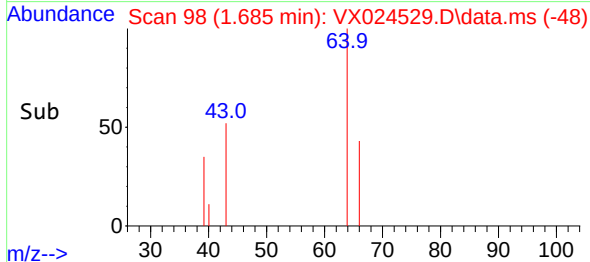
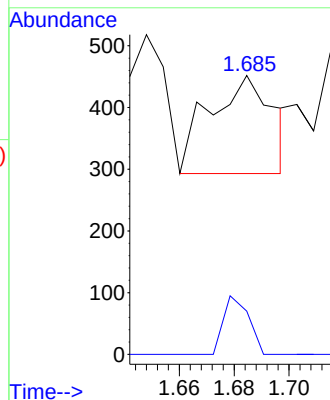
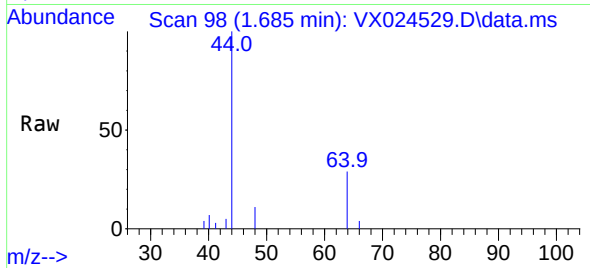




#6
Chloroethane
Concen: 0.513 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

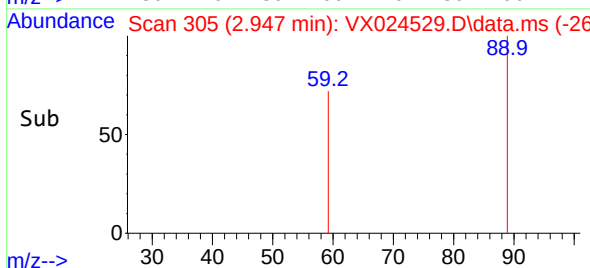
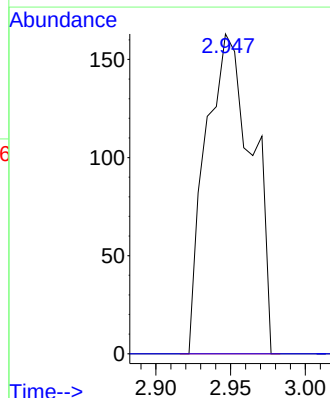
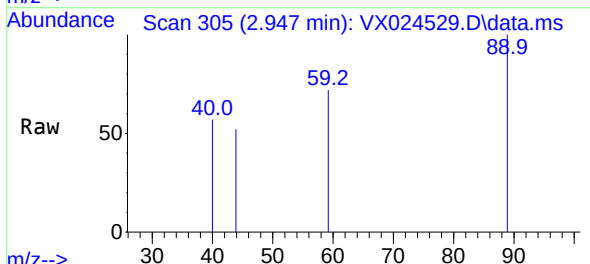
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

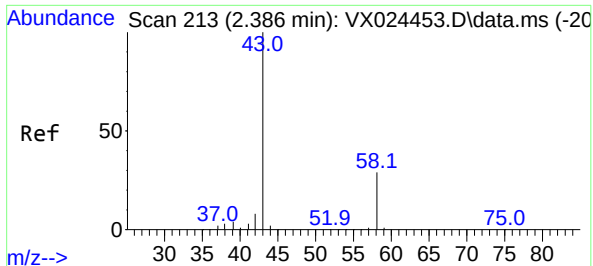
Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 44.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

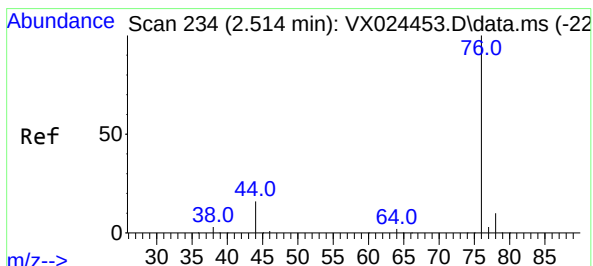
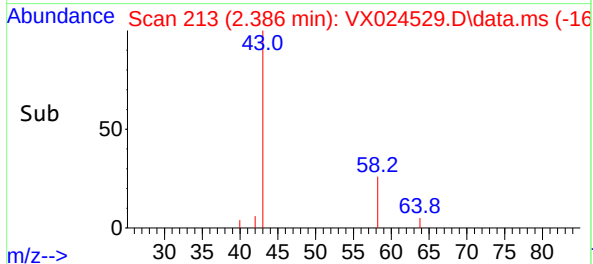
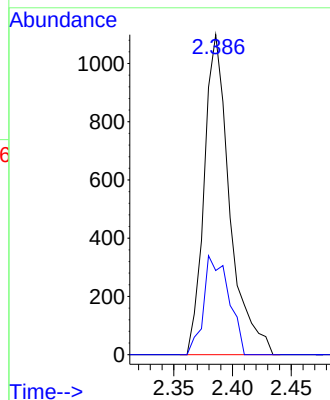
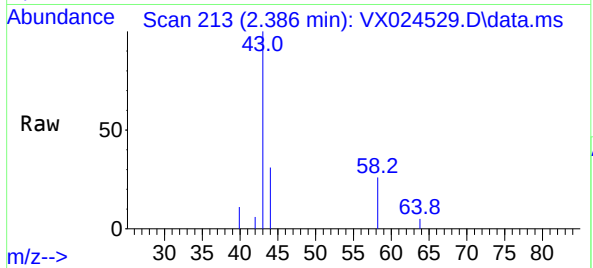




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

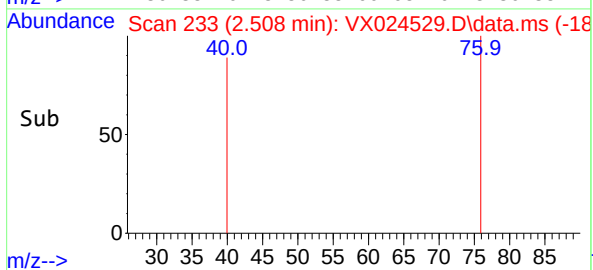
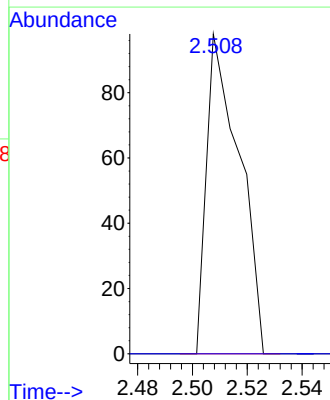
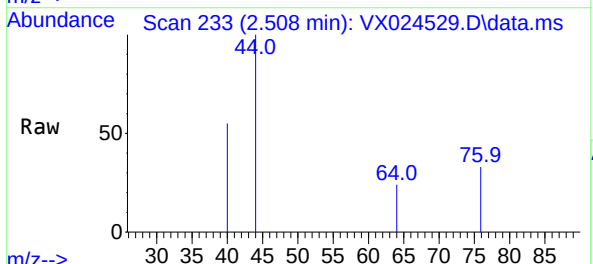
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

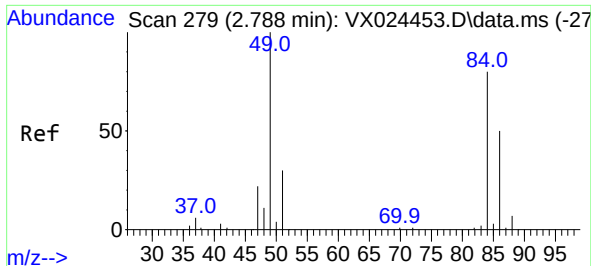
Tgt Ion: 43 Resp: 1660
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

Tgt Ion: 76 Resp: 81
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX024529.D

Acq: 04 Oct 2021 18:43

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 84 Resp: 842

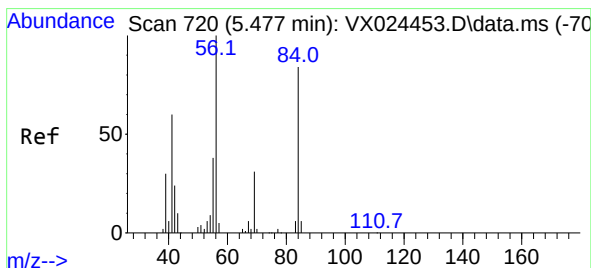
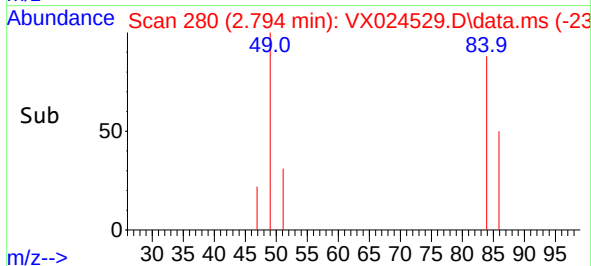
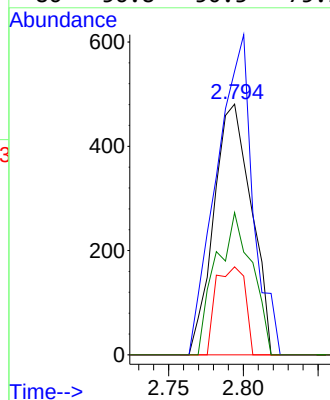
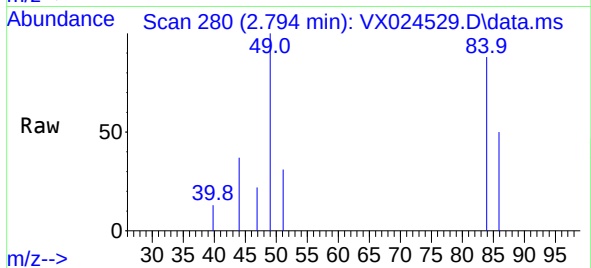
Ion Ratio Lower Upper

84 100

49 113.1 88.6 132.8

51 35.1 27.0 40.6

86 56.8 50.3 75.5



#31

Cyclohexane

Concen: 1.053 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024529.D

Acq: 04 Oct 2021 18:43

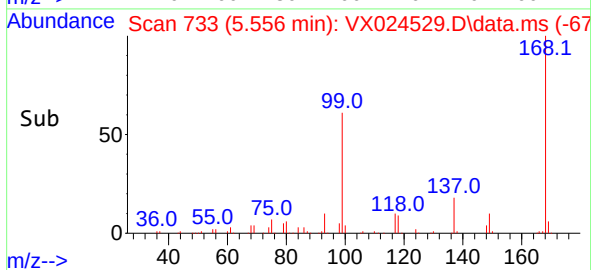
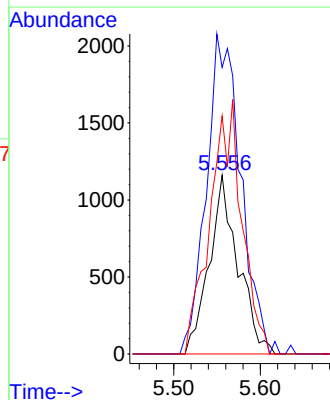
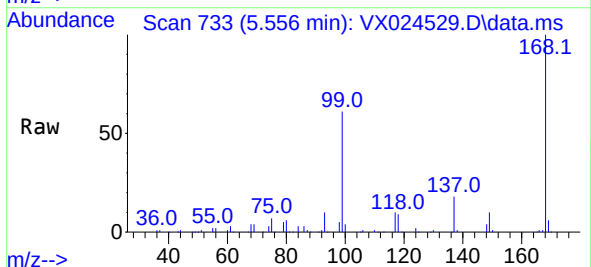
Tgt Ion: 56 Resp: 2688

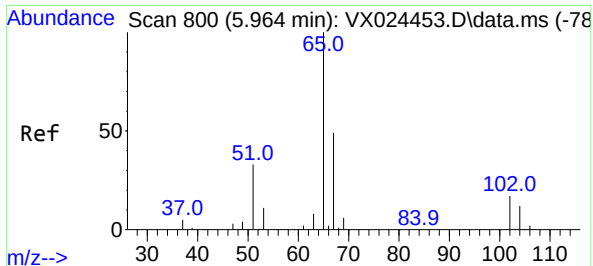
Ion Ratio Lower Upper

56 100

69 160.3 25.3 37.9#

84 133.1 71.4 107.0#



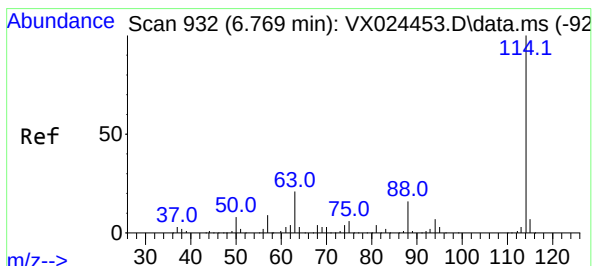
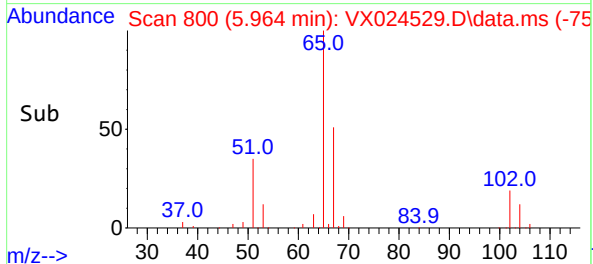
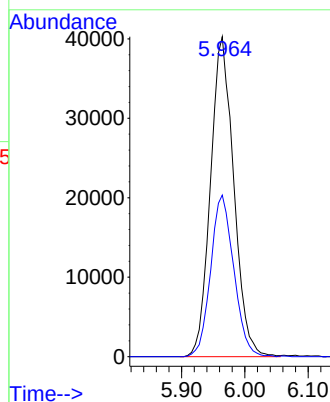
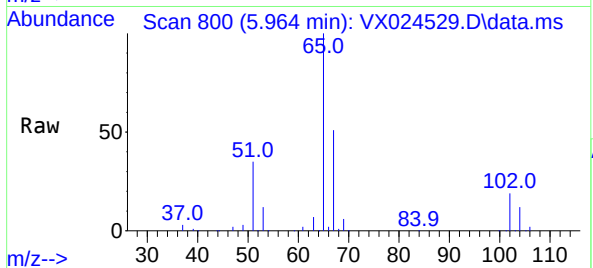


#33

1,2-Dichloroethane-d4
Concen: 48.240 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

Instrument :
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STORAGE-BLANK-SAMPLE-MANA

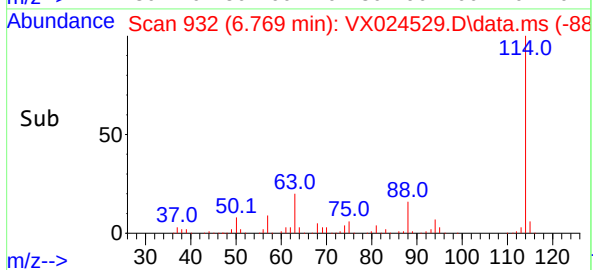
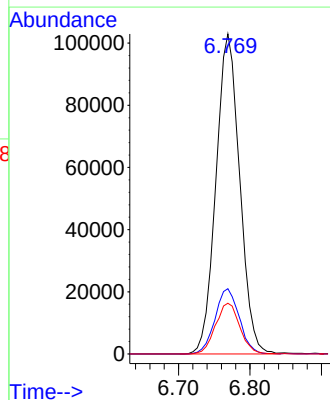
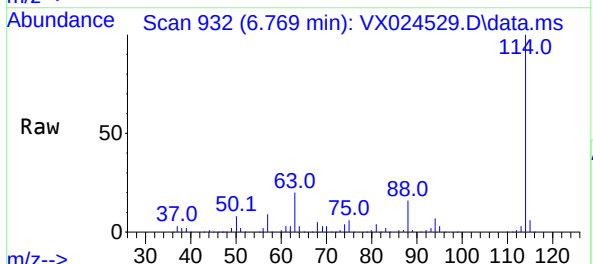
Tgt Ion: 65 Resp: 102809
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

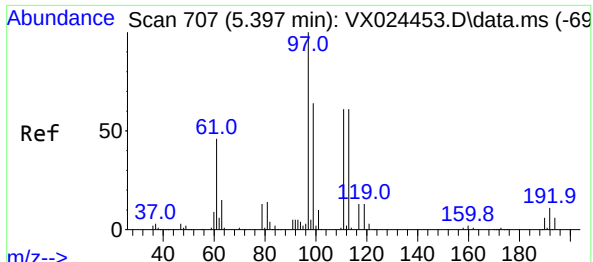


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

Tgt Ion: 114 Resp: 237098
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 56.065 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024529.D

Acq: 04 Oct 2021 18:43

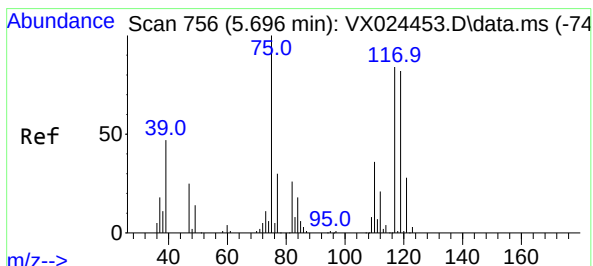
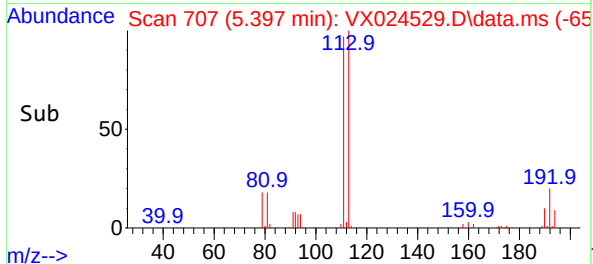
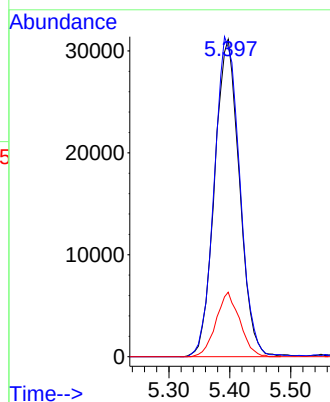
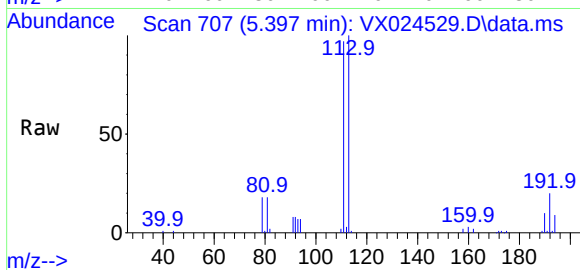
Tgt Ion:113 Resp: 88308

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.119 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX024529.D

Acq: 04 Oct 2021 18:43

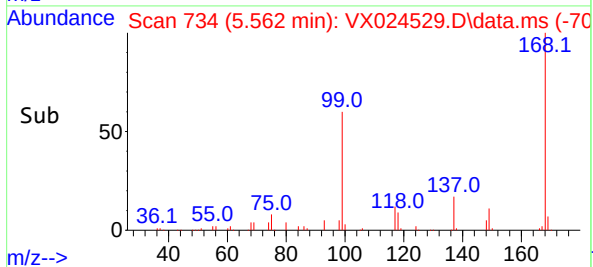
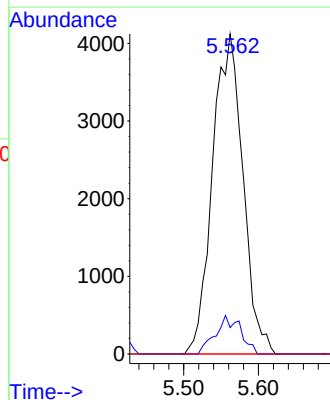
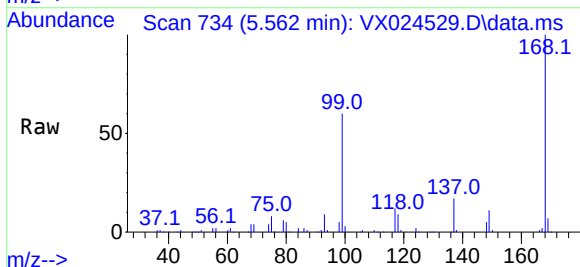
Tgt Ion: 75 Resp: 11636

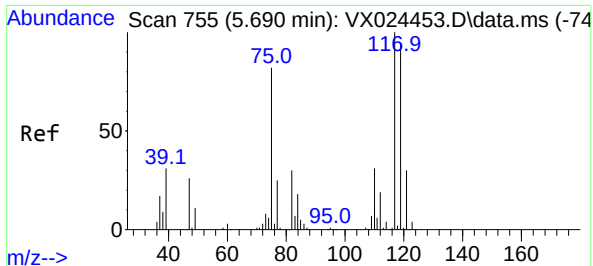
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

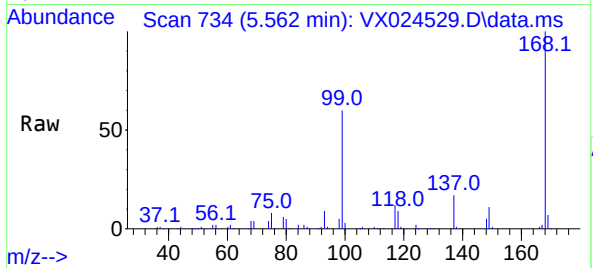
77 0.0 25.3 37.9#



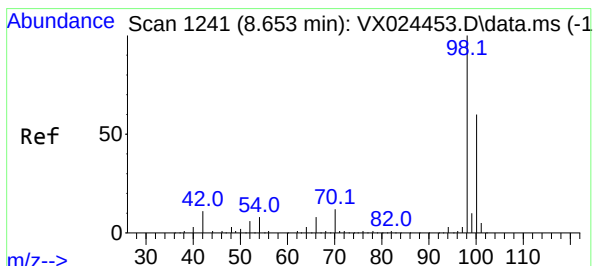
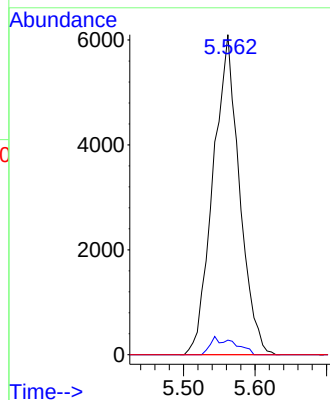
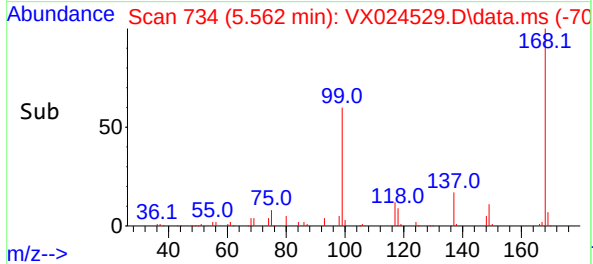


#38
Carbon Tetrachloride
Concen: 6.322 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

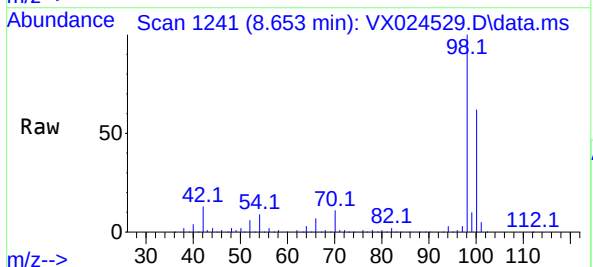
Instrument :
MSVOA_X
ClientSampleId :
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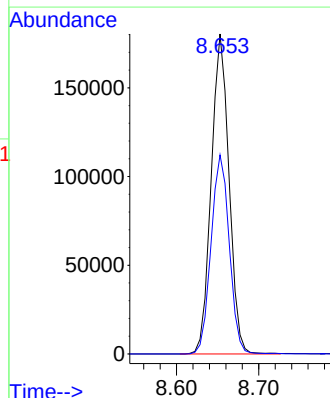
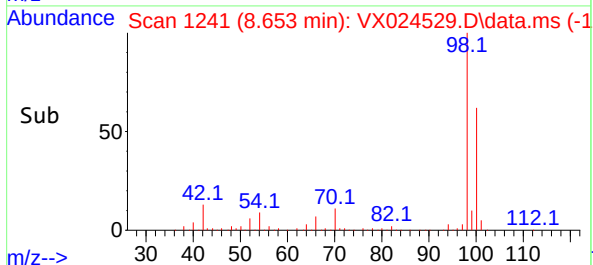
Tgt Ion:117 Resp: 15643
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

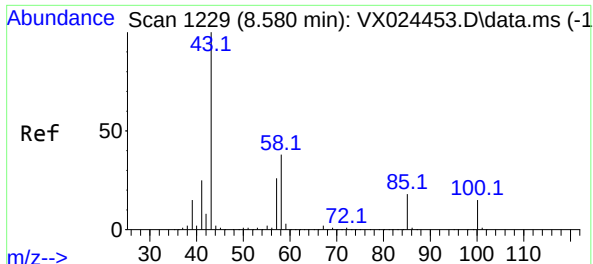


#50
Toluene-d8
Concen: 46.664 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43



Tgt Ion: 98 Resp: 270523
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

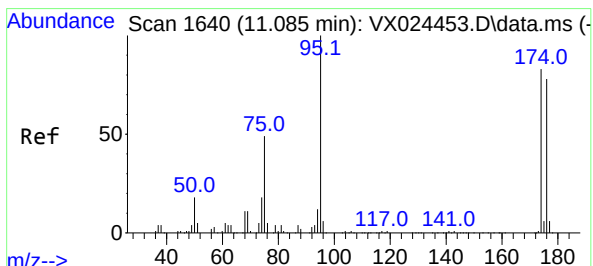
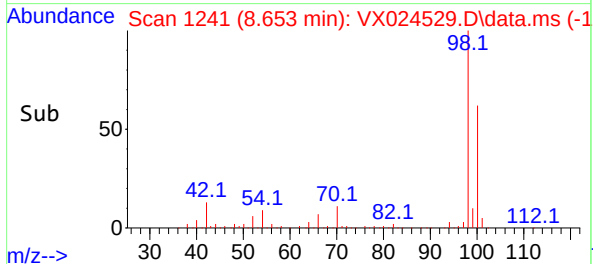
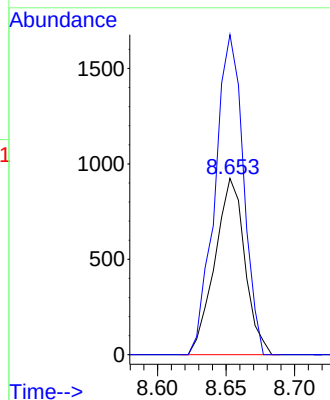
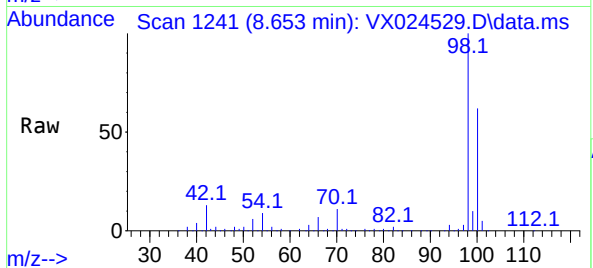




#51
4-Methyl-2-Pentanone
Concen: 0.494 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

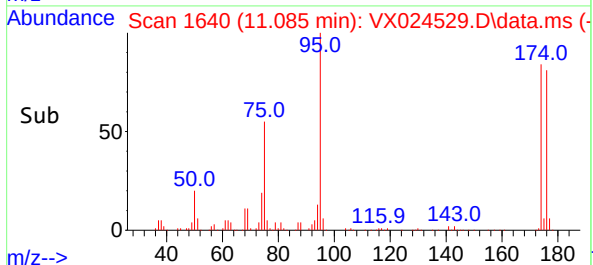
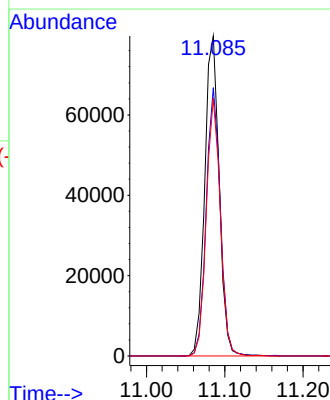
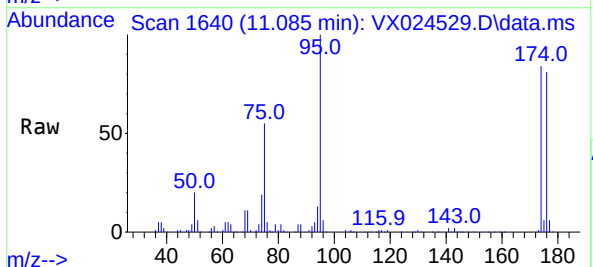
Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

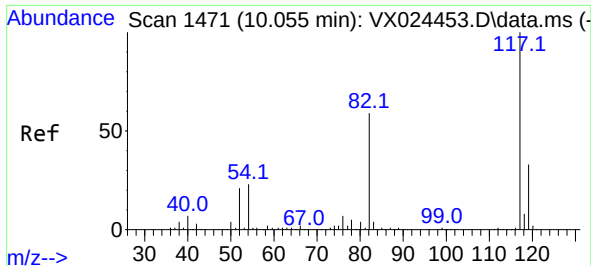
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 172.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.616 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

Tgt Ion: 95 Resp: 101695
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 78.2 0.0 155.8

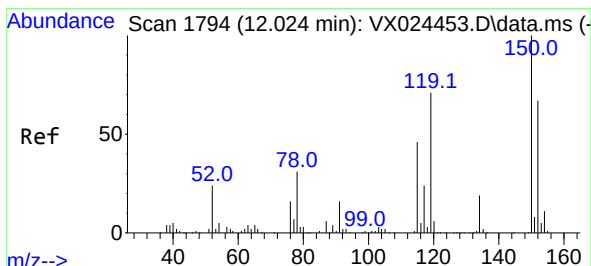
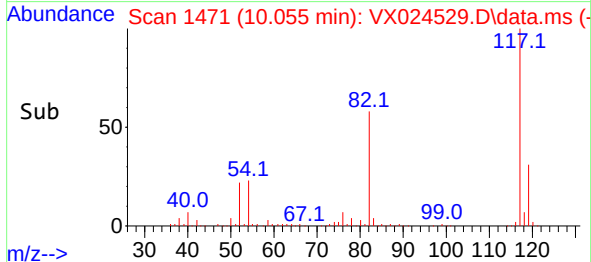
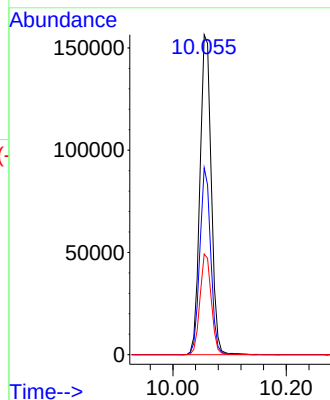
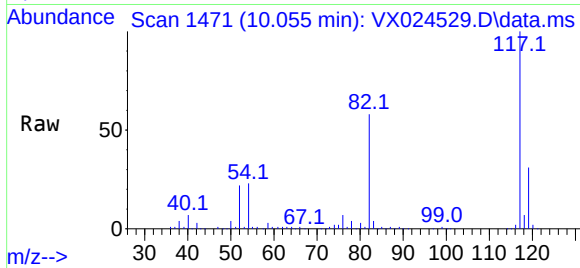




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

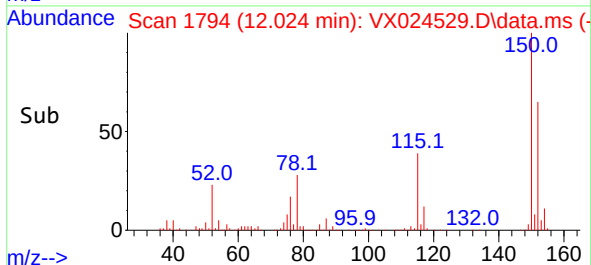
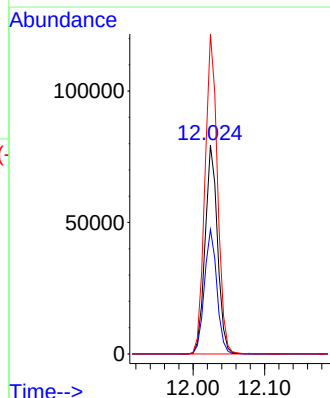
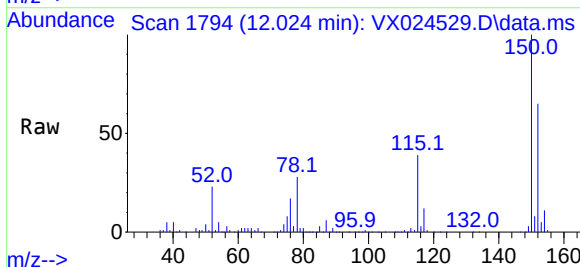
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

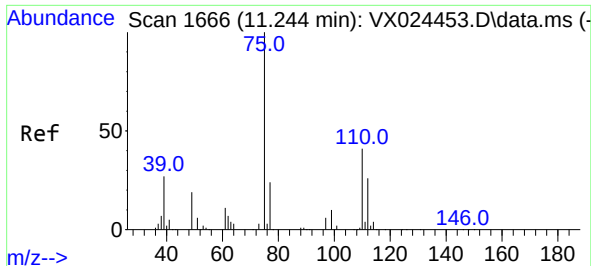
Tgt Ion:117 Resp: 216802
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

Tgt Ion:152 Resp: 95867
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 154.9 0.0 349.0

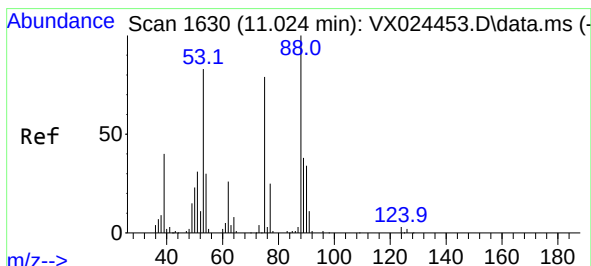
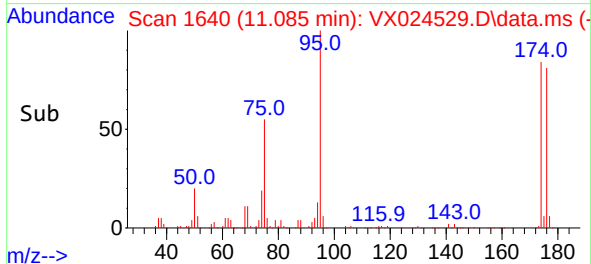
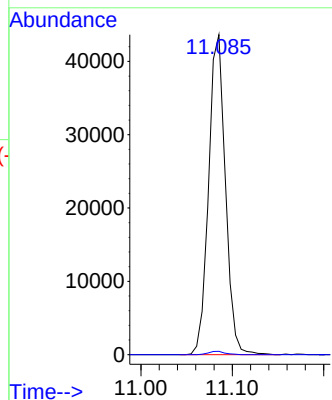
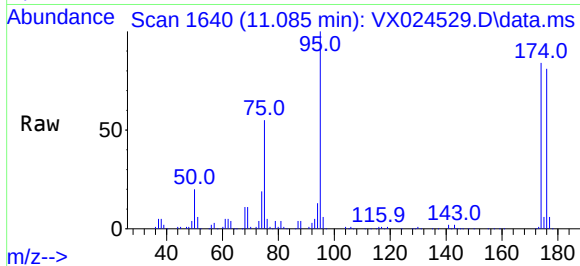




#76
1,2,3-Trichloropropane
Concen: 25.510 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 55538
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.526 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024529.D
Acq: 04 Oct 2021 18:43

Tgt Ion: 75 Resp: 55538
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

