

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031747.D
 Acq On : 29 Sep 2022 00:13
 Operator : JC/MD
 Sample : M4863-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 29 04:36:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	121975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	134758	52.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.100%
35) Dibromofluoromethane	5.385	113	111701	47.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	426959	49.650	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.079	95	143202	45.435	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%

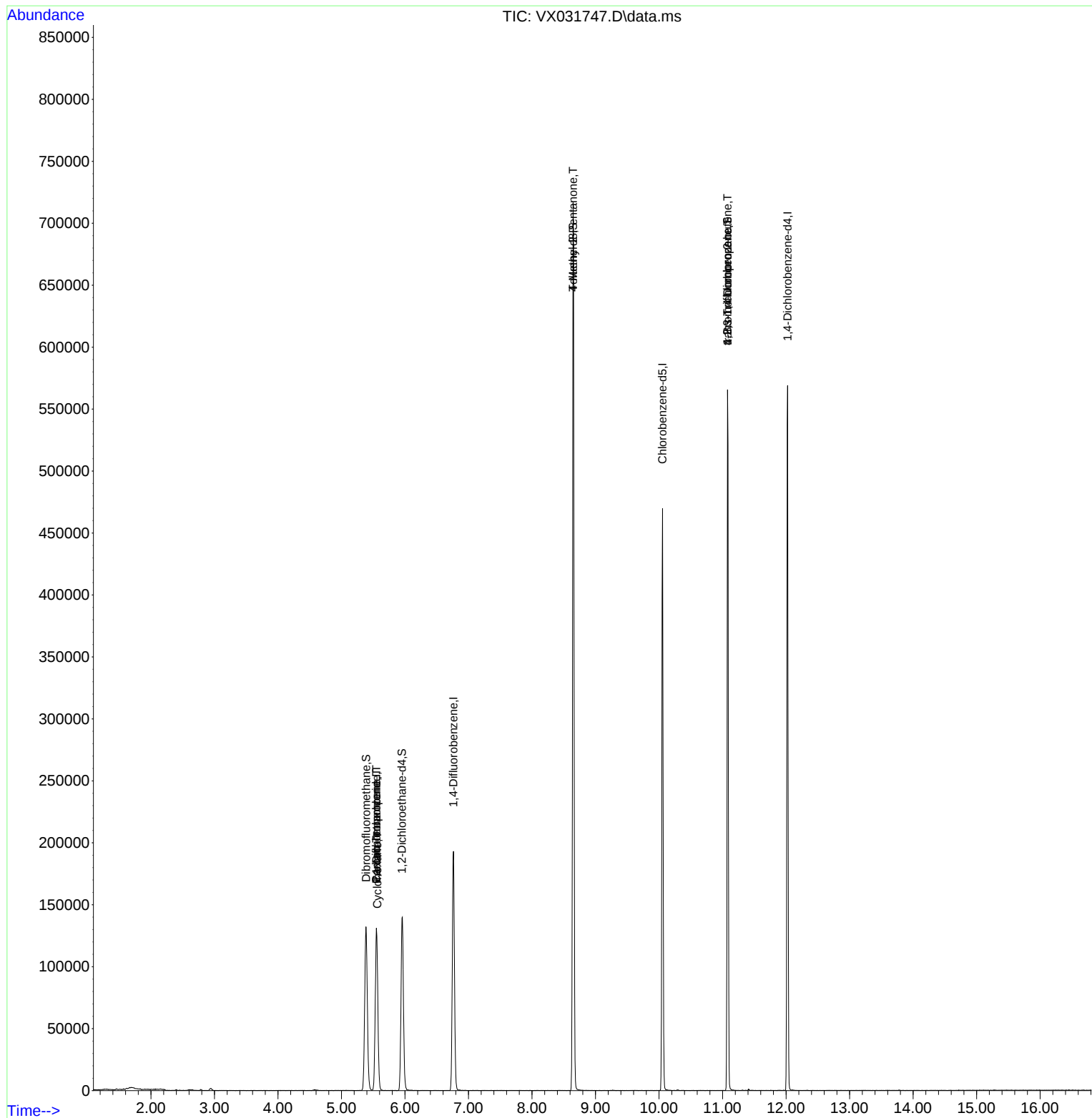
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.295	50	108	Below Cal	#	41
5) Bromomethane	1.618	94	353	Below Cal		85
6) Chloroethane	1.660	64	62	Below Cal	#	43
7) Trichlorofluoromethane	1.874	101	41	Below Cal	#	18
11) Tert butyl alcohol	2.941	59	1067	Below Cal	#	73
16) Acetone	2.398	43	841	Below Cal	#	45
17) Carbon Disulfide	2.514	76	158	Below Cal	#	75
20) Methylene Chloride	2.782	84	307	Below Cal	#	86
31) Cyclohexane	5.562	56	2574	1.046	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9286	3.409	ug/l #	52
38) Carbon Tetrachloride	5.550	117	12791	4.167	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1629	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	75703	35.429	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	75703	116.224	ug/l #	11

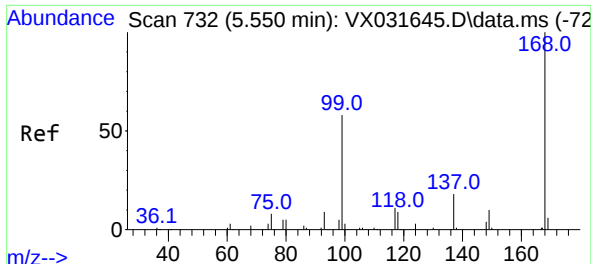
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
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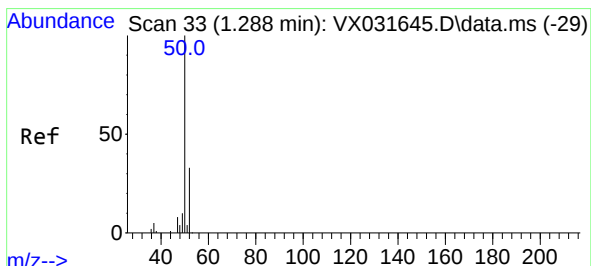
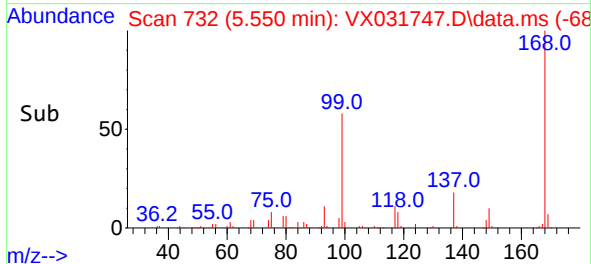
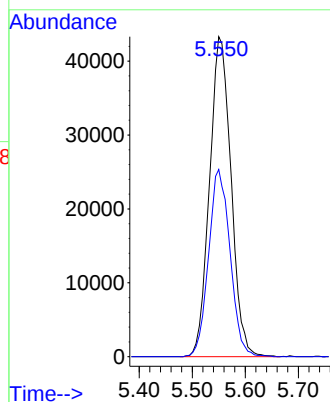
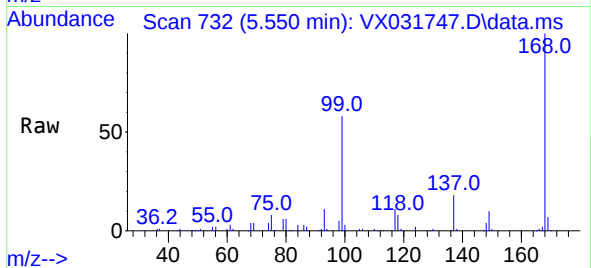




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

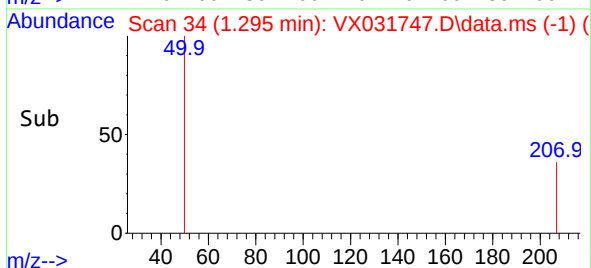
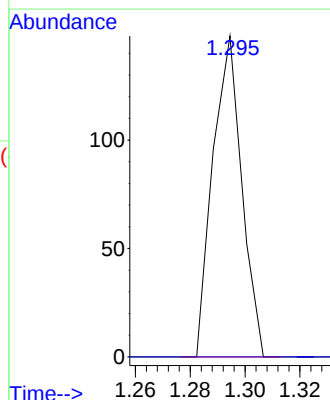
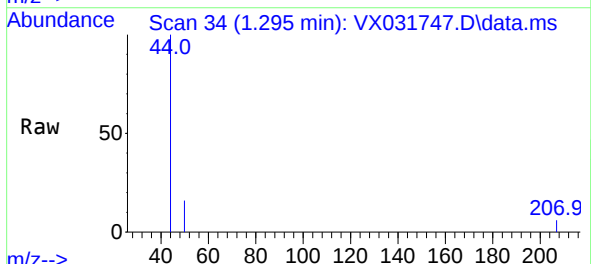
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 121975
Ion Ratio Lower Upper
168 100
99 58.5 48.8 73.2

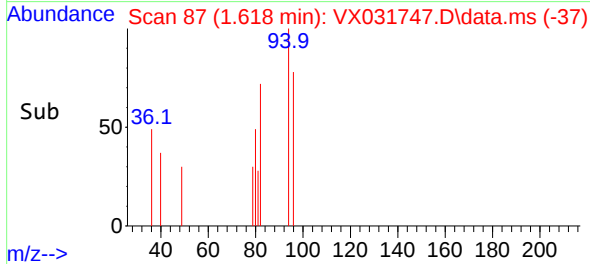
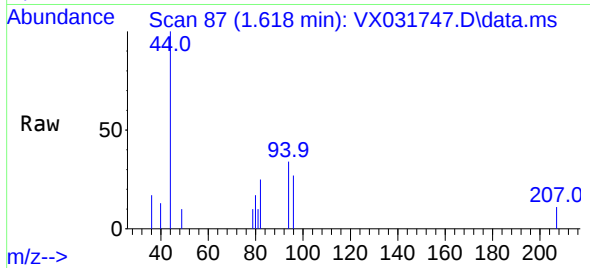
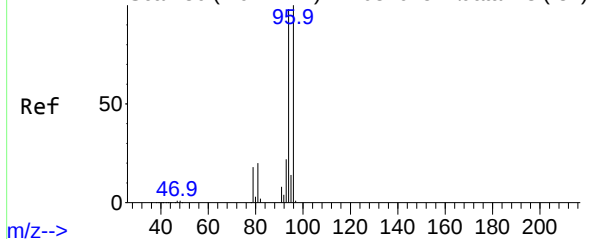


#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Tgt Ion: 50 Resp: 108
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX031747.D

Acq: 29 Sep 2022 00:13

Instrument :

MSVOA_X

ClientSampleId :

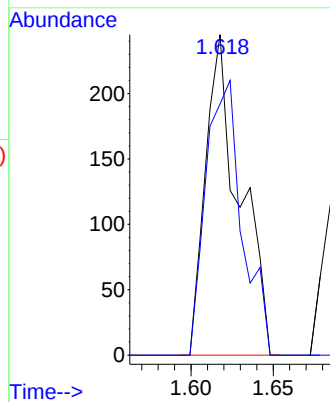
TRIP-BLANK

Tgt Ion: 94 Resp: 353

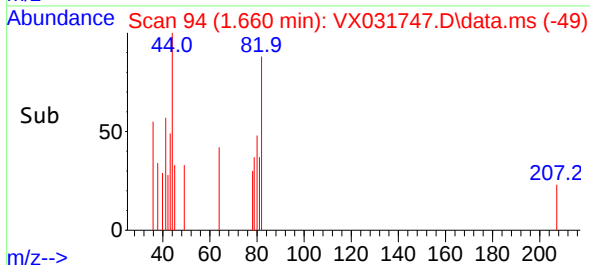
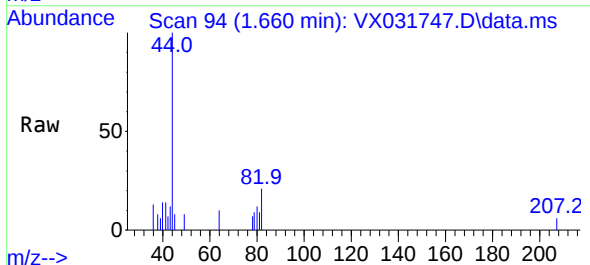
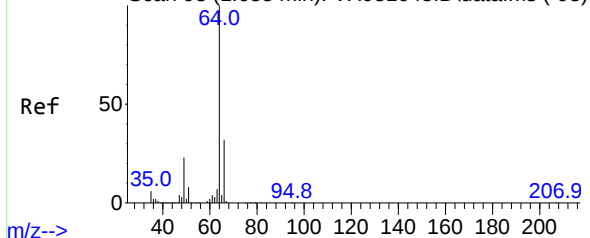
Ion Ratio Lower Upper

94 100

96 78.4 74.4 111.6



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.660 min Scan# 94

Delta R.T. -0.025 min

Lab File: VX031747.D

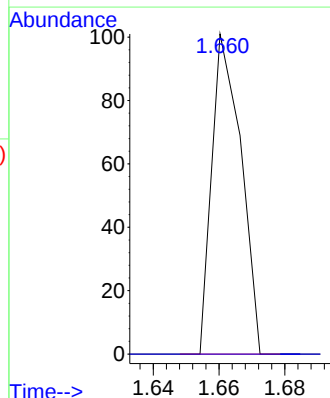
Acq: 29 Sep 2022 00:13

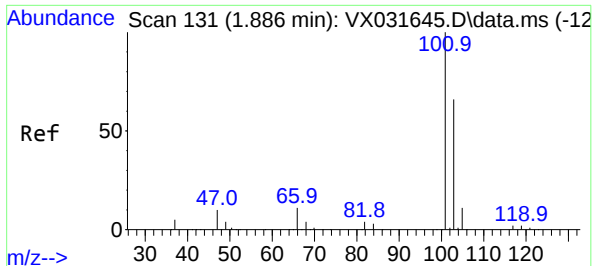
Tgt Ion: 64 Resp: 62

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#

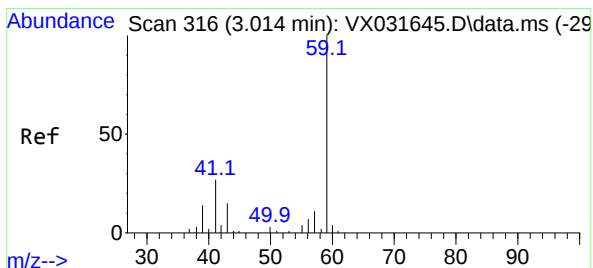
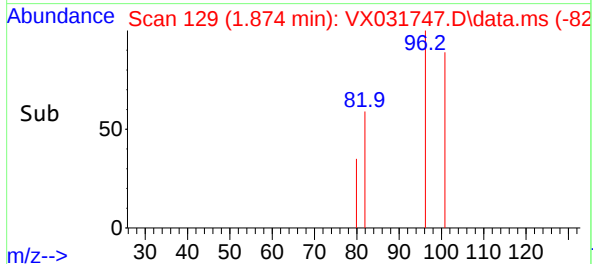
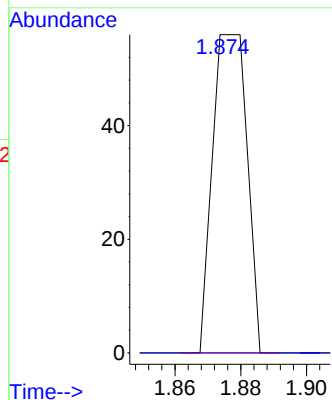
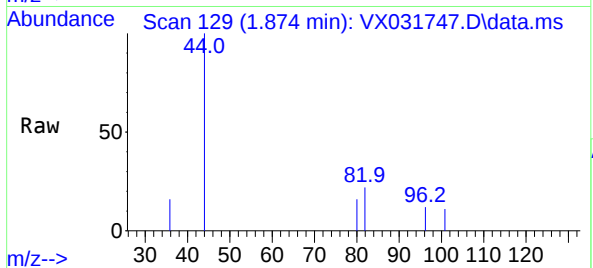




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

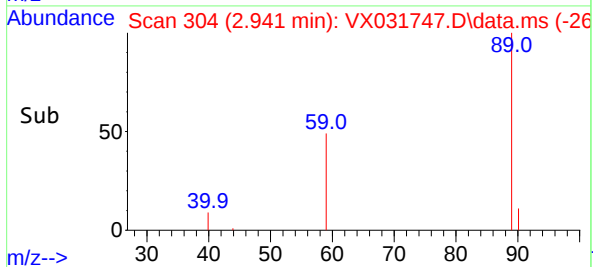
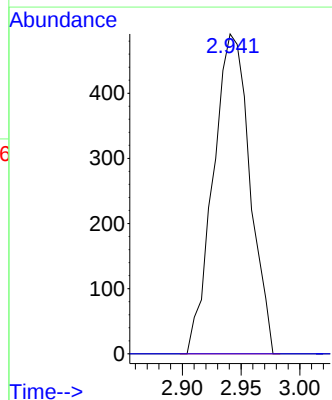
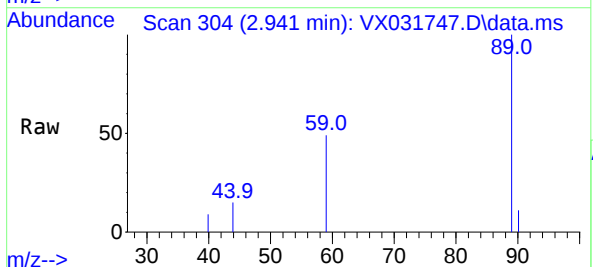
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

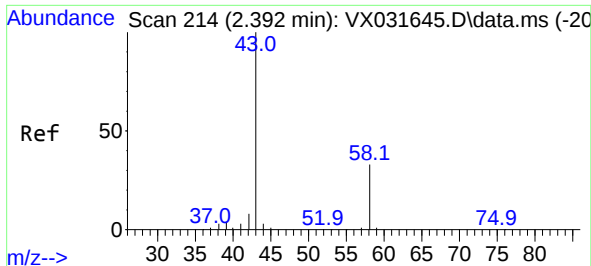
Tgt Ion:101 Resp: 41
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Tgt Ion: 59 Resp: 1067
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

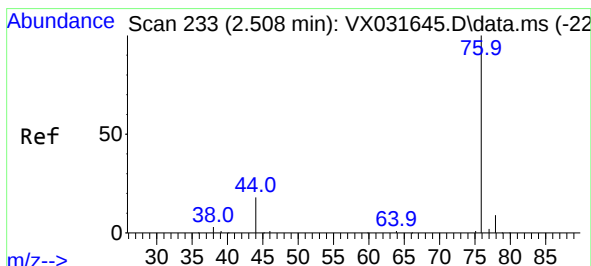
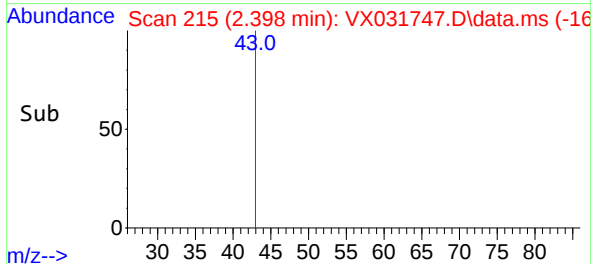
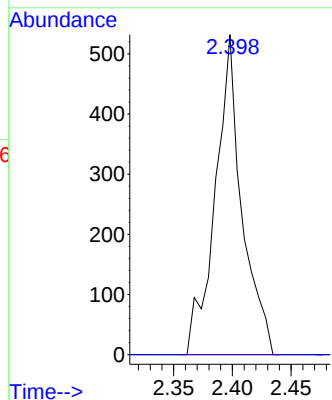
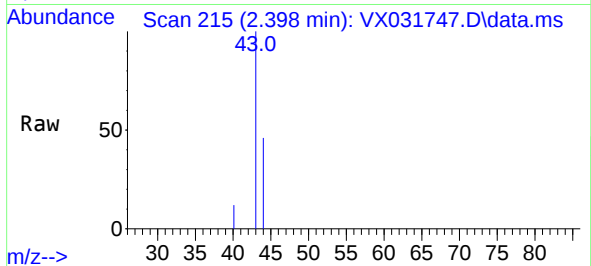




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

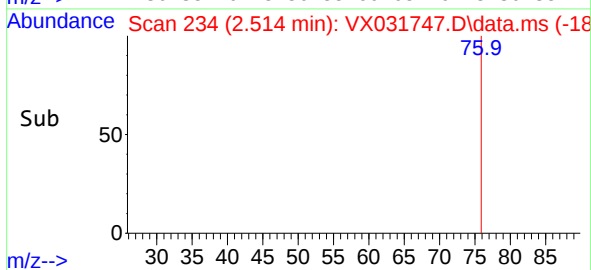
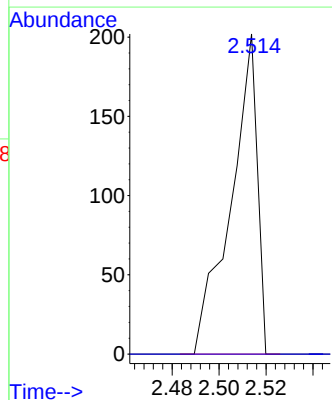
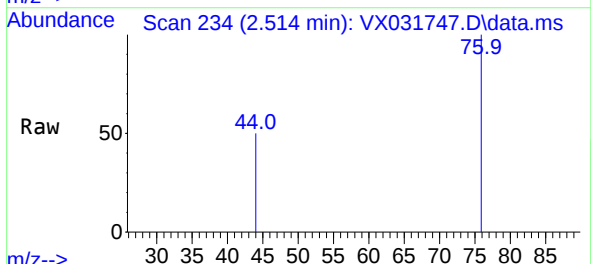
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

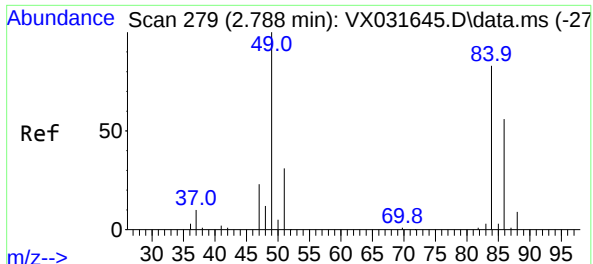
Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

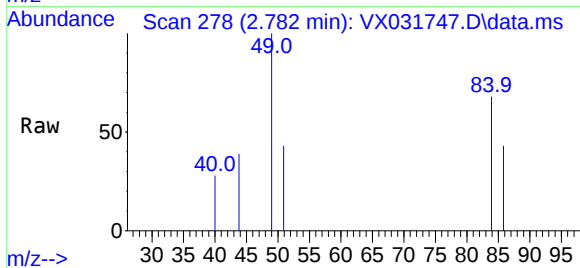
Tgt Ion: 76 Resp: 158
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





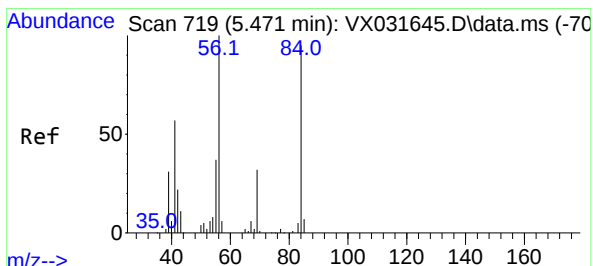
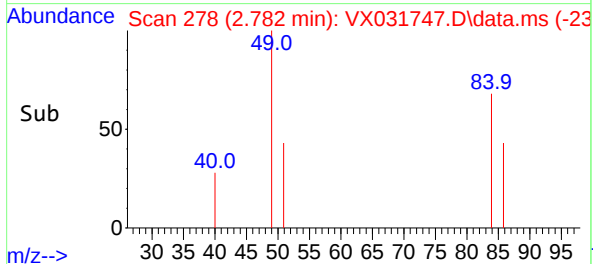
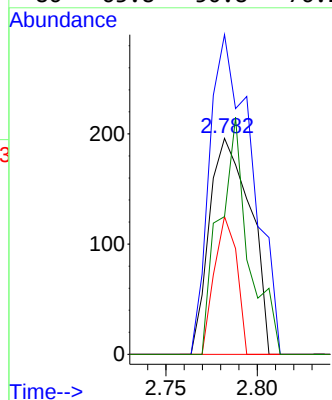
#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



Tgt Ion: 84 Resp: 307

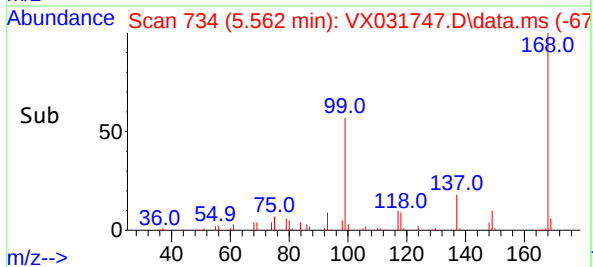
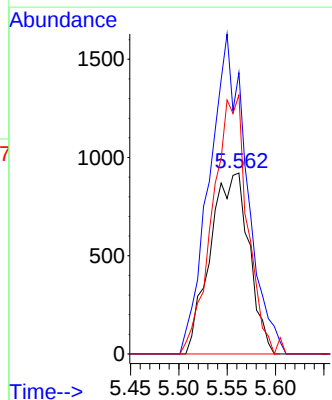
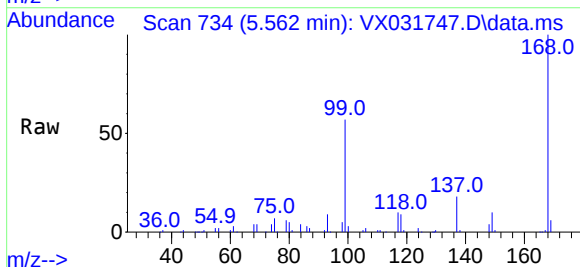
Ion	Ratio	Lower	Upper
84	100		
49	148.0	105.9	158.9
51	63.8	32.2	48.2#
86	63.8	50.8	76.2

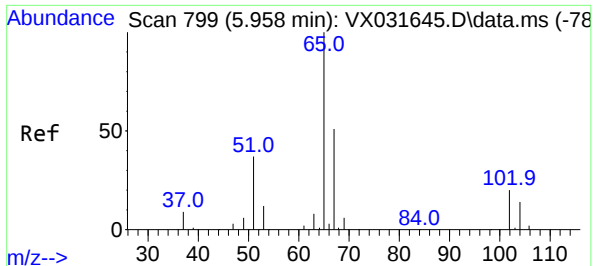


#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Tgt Ion: 56 Resp: 2574

Ion	Ratio	Lower	Upper
56	100		
69	155.5	25.1	37.7#
84	143.2	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.054 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031747.D

Acq: 29 Sep 2022 00:13

Instrument :

MSVOA_X

ClientSampleId :

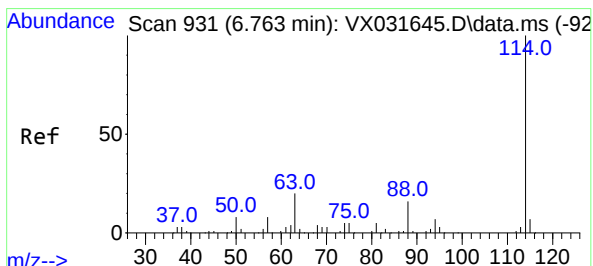
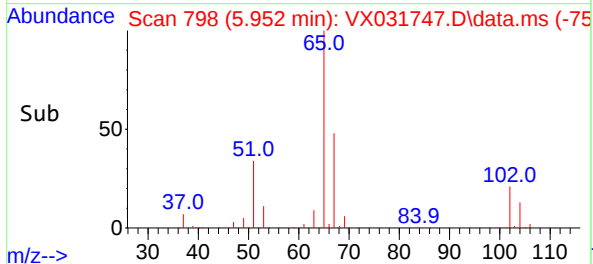
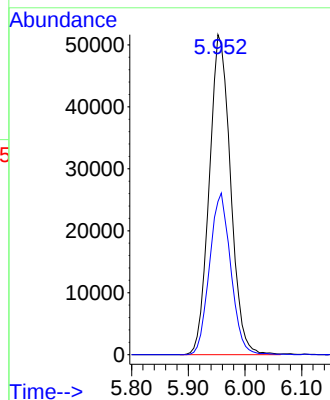
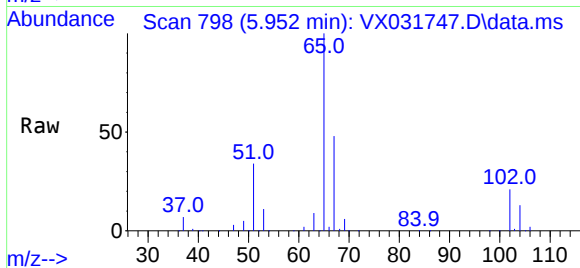
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Tgt Ion: 65 Resp: 134758

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031747.D

Acq: 29 Sep 2022 00:13

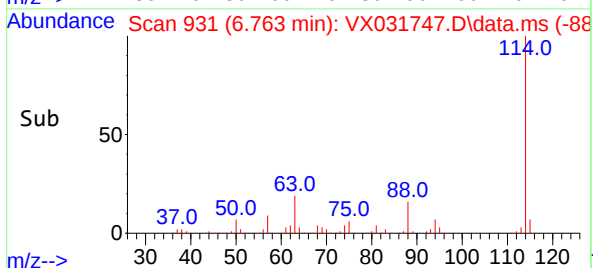
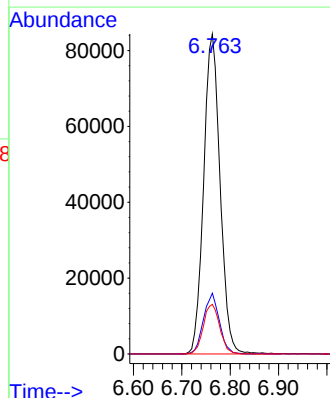
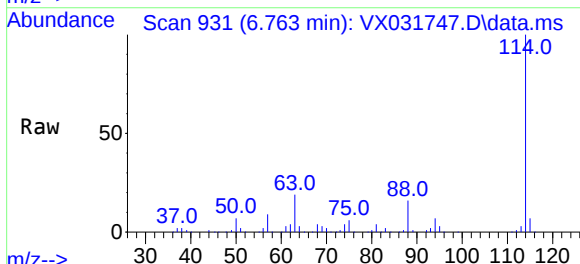
Tgt Ion: 114 Resp: 199069

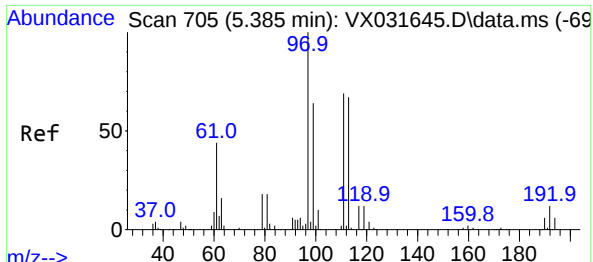
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

88 15.5 0.0 33.0

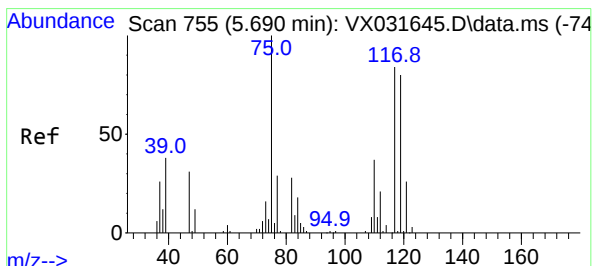
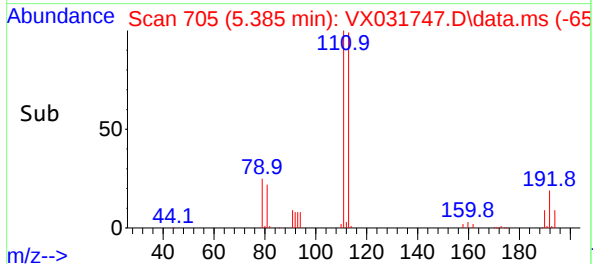
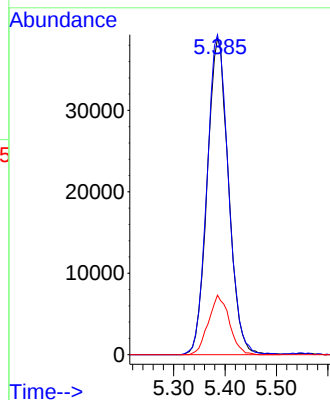
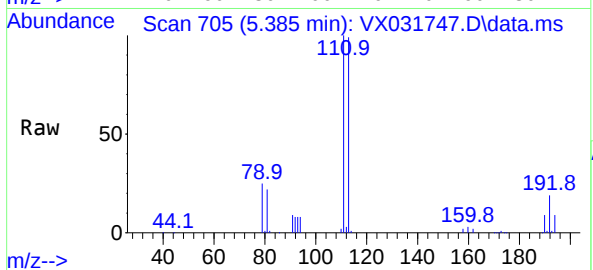




#35
Dibromofluoromethane
Concen: 47.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

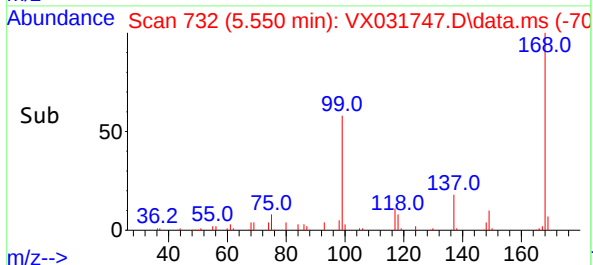
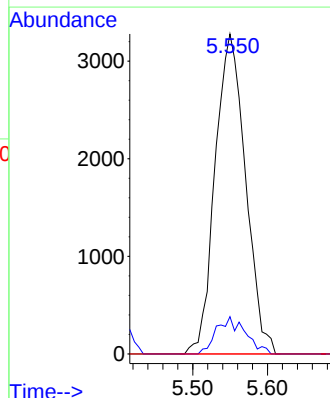
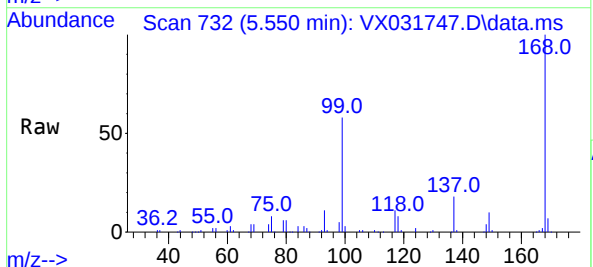
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

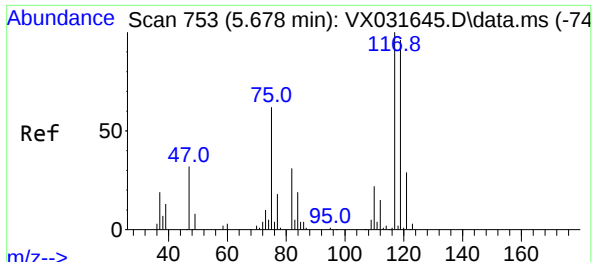
Tgt Ion:113 Resp: 111701
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 18.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.409 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

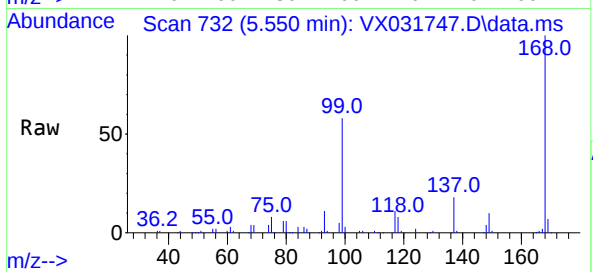
Tgt Ion: 75 Resp: 9286
Ion Ratio Lower Upper
75 100
110 11.1 17.5 52.5#
77 0.0 24.9 37.3#



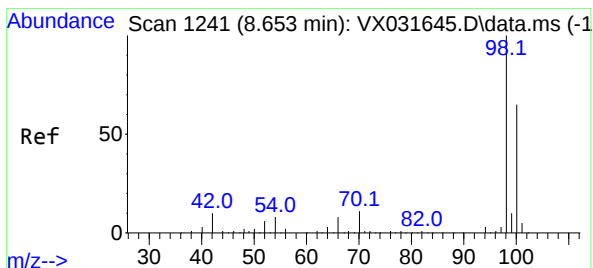
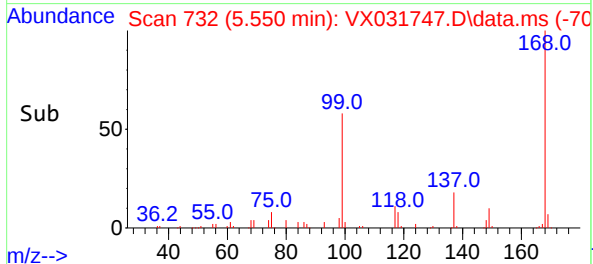
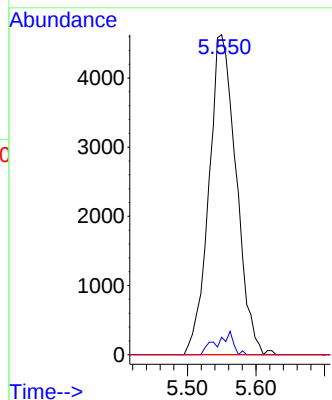


#38
Carbon Tetrachloride
Concen: 4.167 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Instrument :
MSVOA_X
ClientSampleId :
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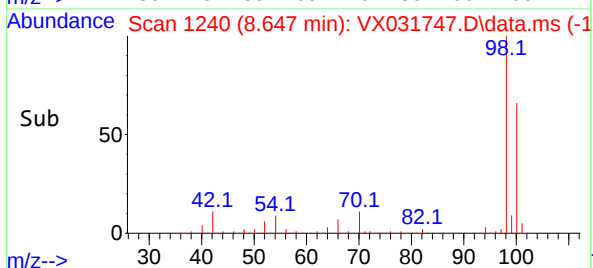
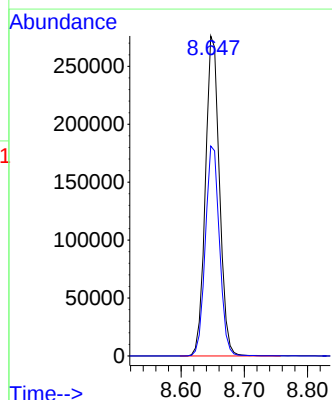
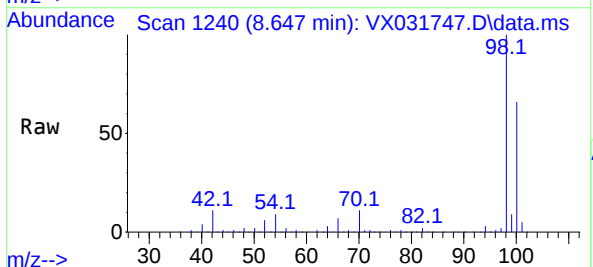


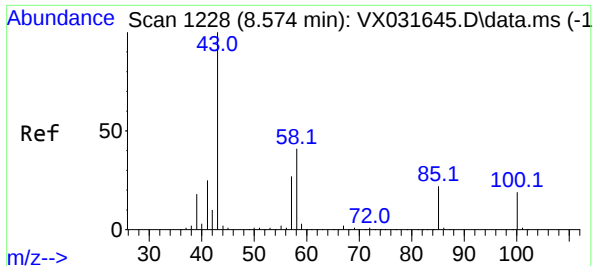
Tgt Ion:117 Resp: 12791
Ion Ratio Lower Upper
117 100
119 5.4 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.650 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Tgt Ion: 98 Resp: 426959
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

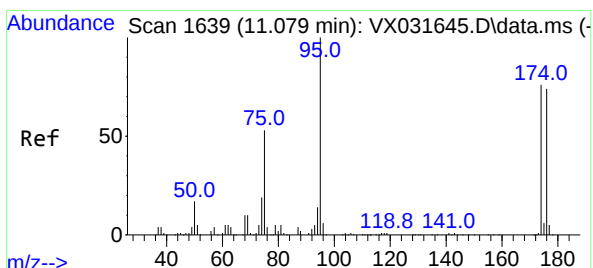
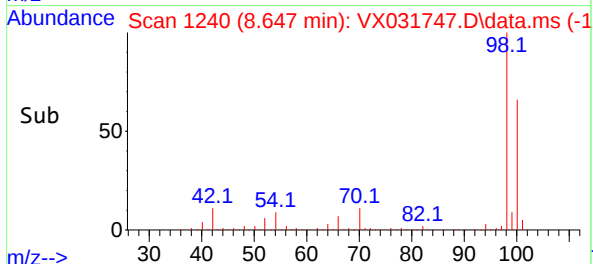
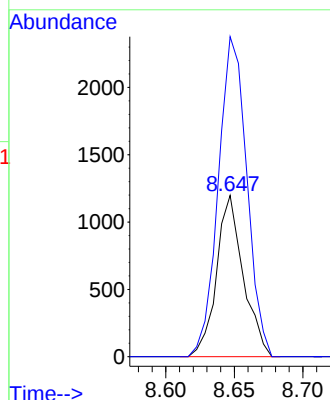
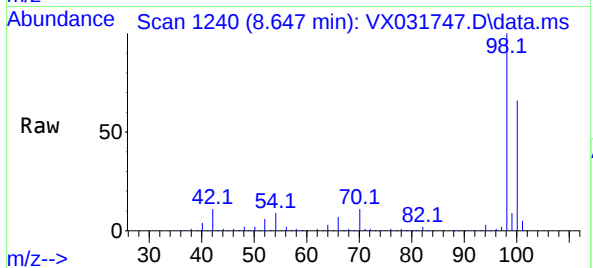




#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

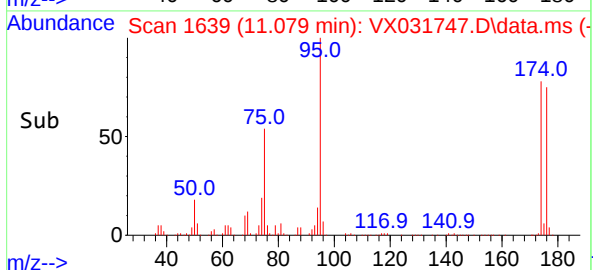
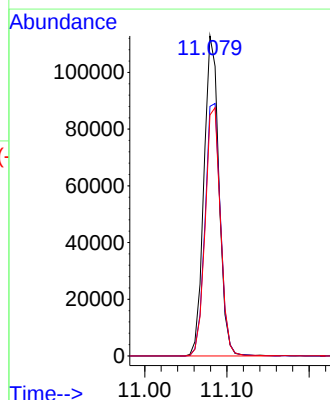
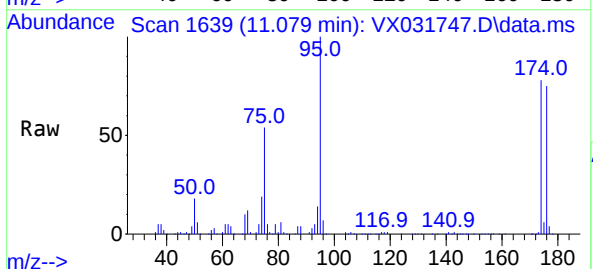
Instrument :
MSVOA_X
ClientSampleId :
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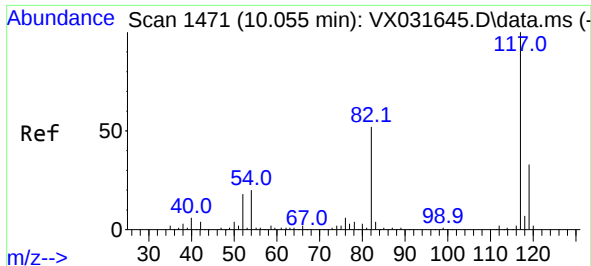
Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
58 211.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Tgt Ion: 95 Resp: 143202
Ion Ratio Lower Upper
95 100
174 80.8 0.0 153.2
176 78.8 0.0 144.0

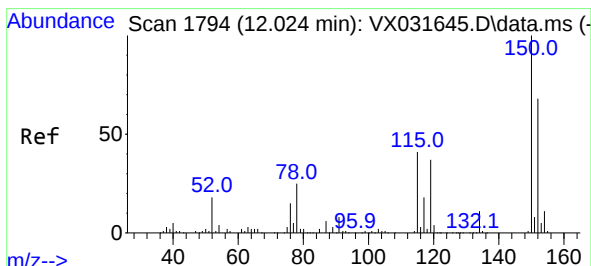
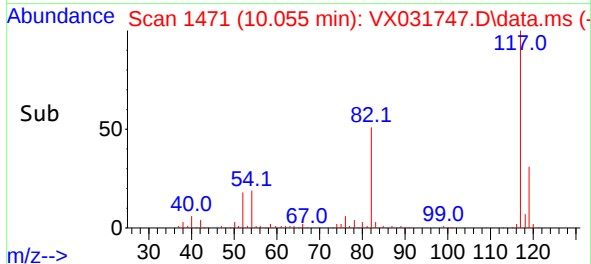
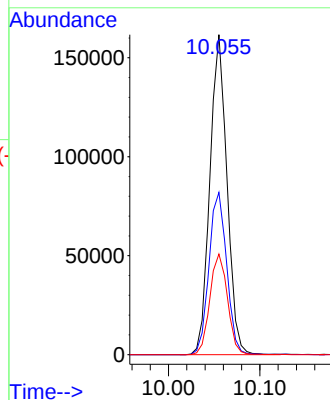
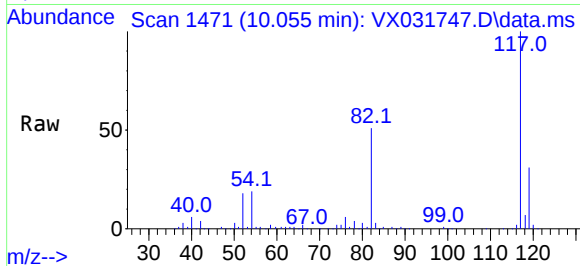




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

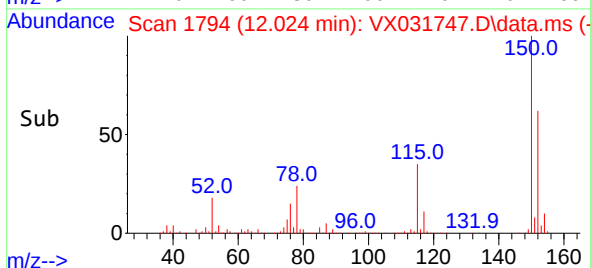
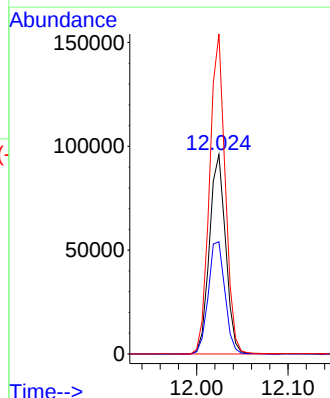
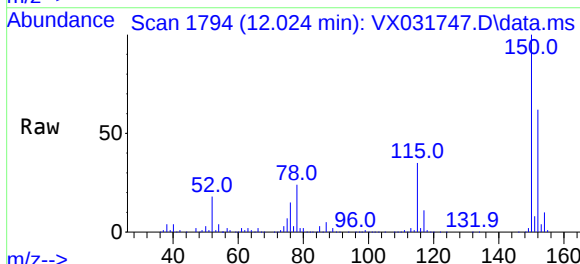
Instrument :
MSVOA_X
ClientSampleId :
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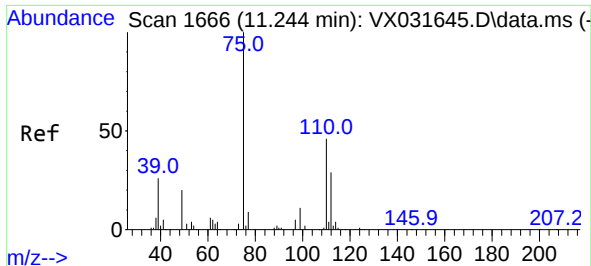
Tgt Ion:117 Resp: 209744
Ion Ratio Lower Upper
117 100
82 50.7 46.8 70.2
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Tgt Ion:152 Resp: 117865
Ion Ratio Lower Upper
152 100
115 58.0 43.4 130.1
150 155.4 0.0 346.8

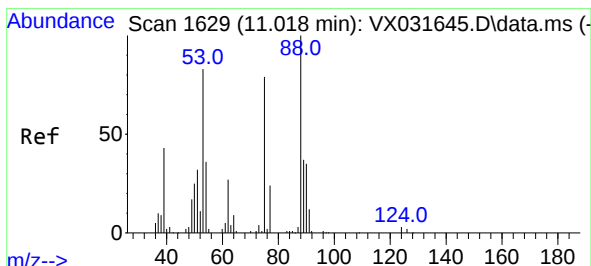
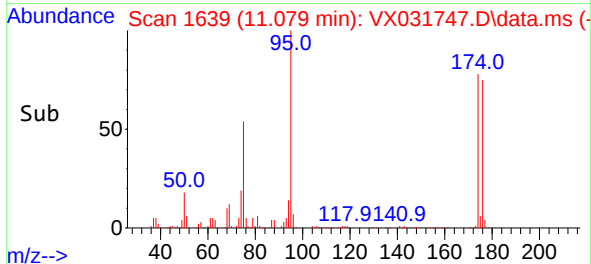
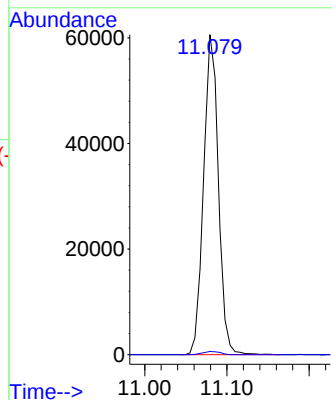
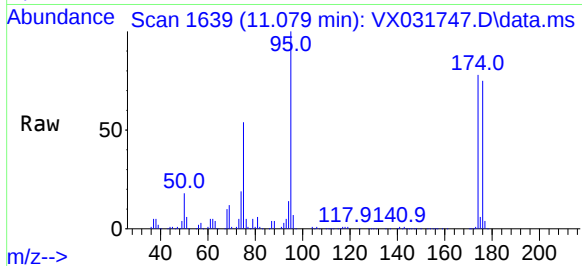




#76
1,2,3-Trichloropropane
Concen: 35.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 75 Resp: 75703
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031747.D
Acq: 29 Sep 2022 00:13

Tgt Ion: 75 Resp: 75703
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

