

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027532.D
 Acq On : 18 Mar 2022 16:54
 Operator : JC/MD
 Sample : N1998-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:08:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

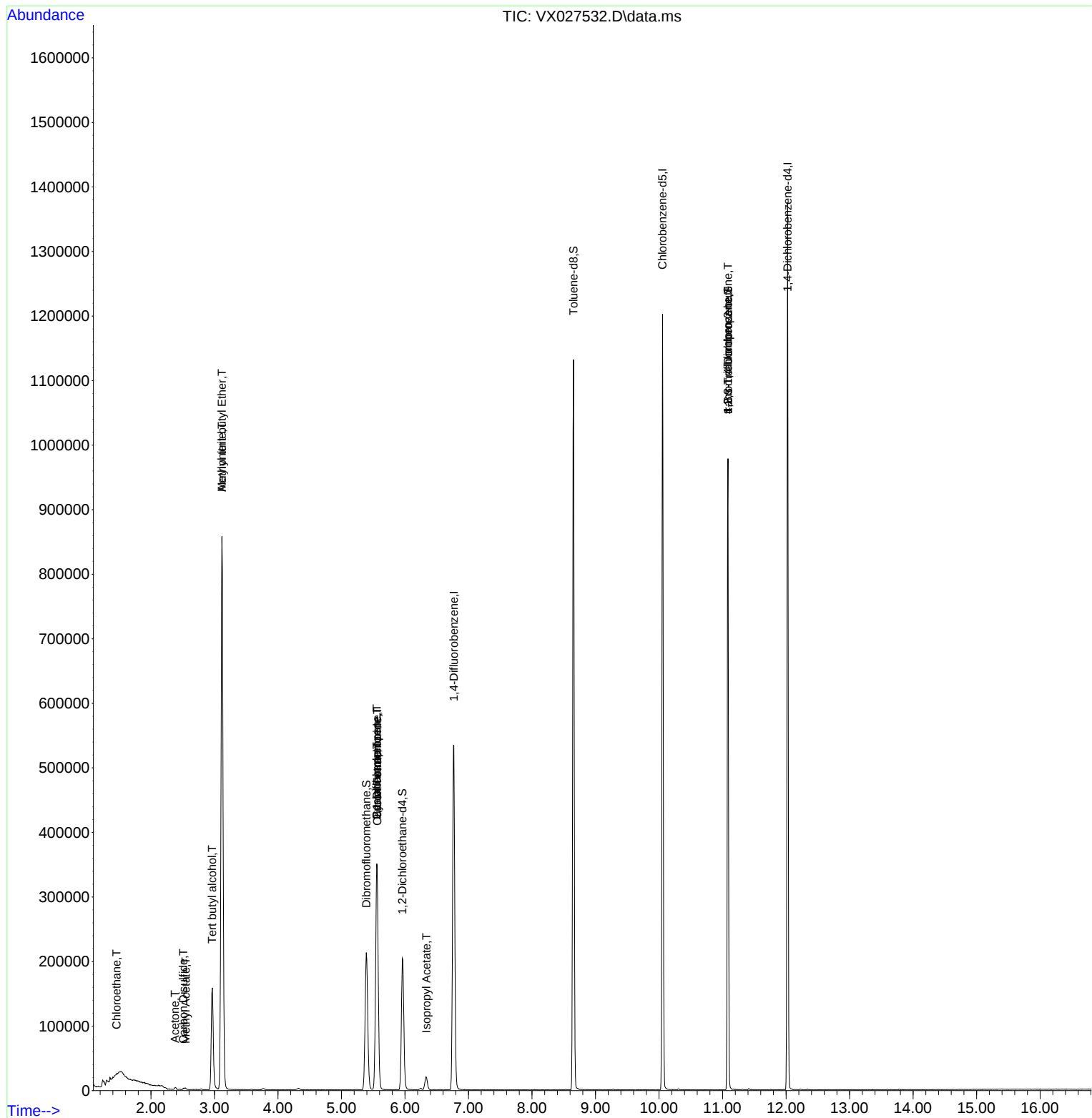
Internal Standards						
1) Pentafluorobenzene	5.556	168	353421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	585891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	293909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196042	45.028	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.060%
35) Dibromofluoromethane	5.391	113	190717	50.595	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.180%
50) Toluene-d8	8.653	98	696729	48.844	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.085	95	270737	51.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	257	Below Cal	#	71
6) Chloroethane	1.459	64	7910	3.705	ug/l #	54
11) Tert butyl alcohol	2.965	59	185686	223.786	ug/l	99
15) Acrylonitrile	3.117	53	10230	5.423	ug/l #	30
16) Acetone	2.380	43	3483	1.963	ug/l #	85
17) Carbon Disulfide	2.508	76	2242	0.268	ug/l #	91
18) Methyl Acetate	2.544	43	894	0.210	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	985585	89.012	ug/l	100
31) Cyclohexane	5.556	56	5556	1.028	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	23418	4.546	ug/l #	50
38) Carbon Tetrachloride	5.562	117	34330	5.825	ug/l #	15
43) Isopropyl Acetate	6.336	43	6495	0.786	ug/l #	10
76) 1,2,3-Trichloropropane	11.085	75	123783	20.135	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	123783	61.151	ug/l #	15

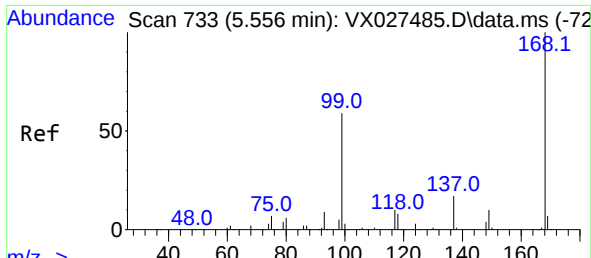
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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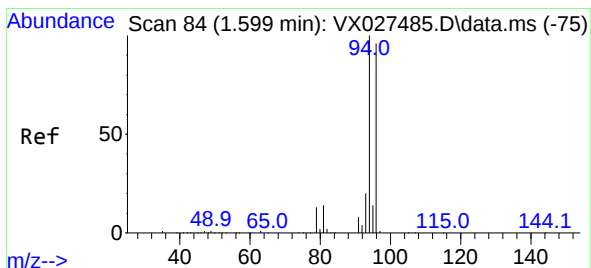
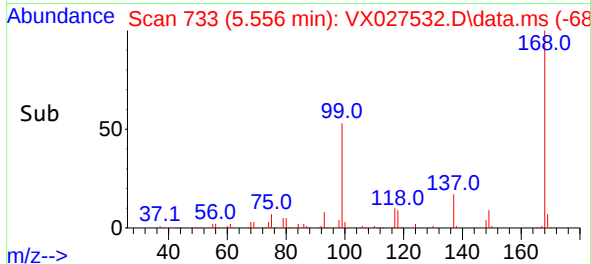
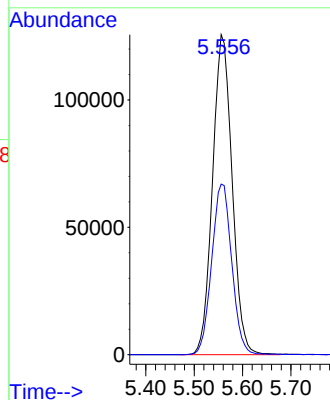
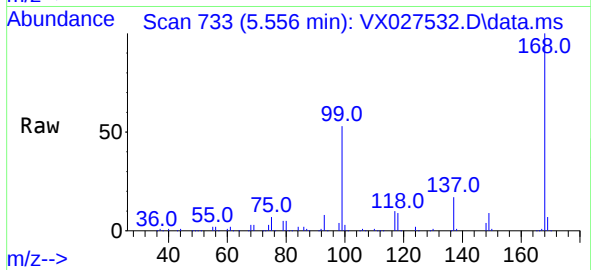




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

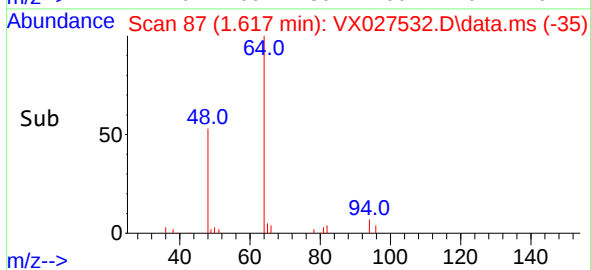
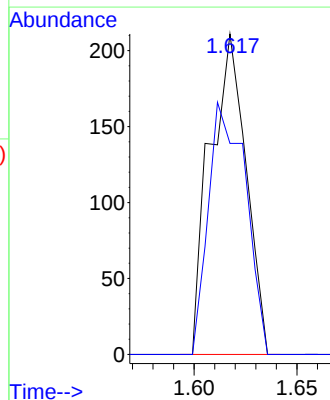
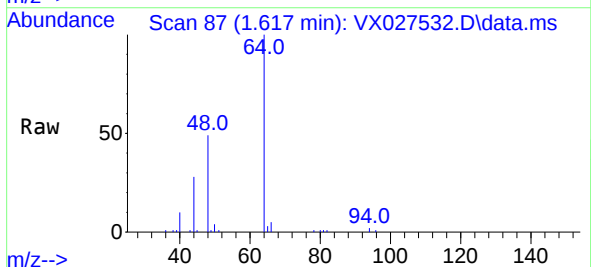
Instrument :
MSVOA_X
ClientSampleId :

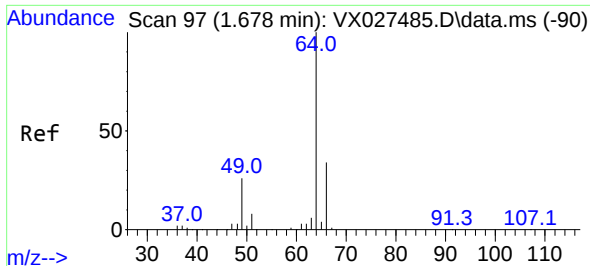
Tgt Ion:168 Resp: 353421
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

Tgt Ion: 94 Resp: 257
Ion Ratio Lower Upper
94 100
96 65.9 75.3 112.9#

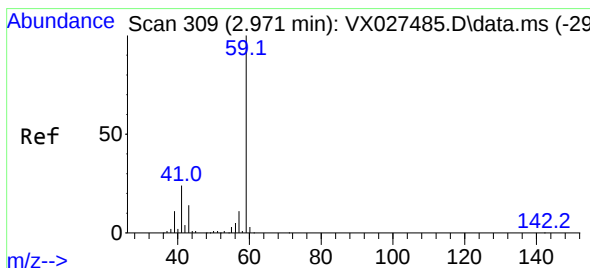
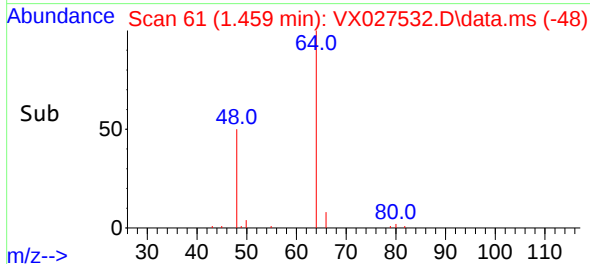
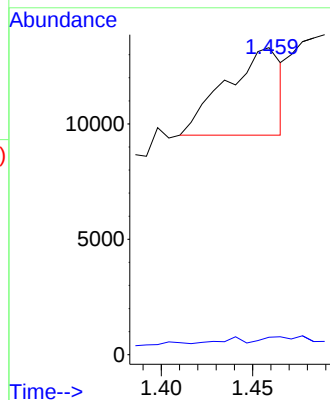
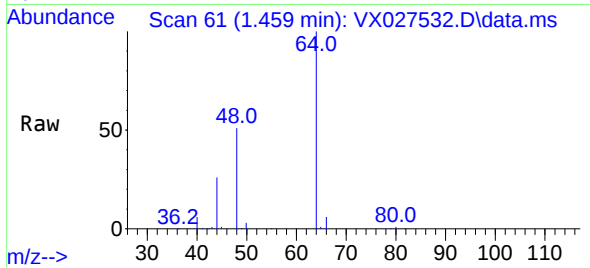




#6
Chloroethane
Concen: 3.705 ug/l
RT: 1.459 min Scan# 61
Delta R.T. -0.219 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

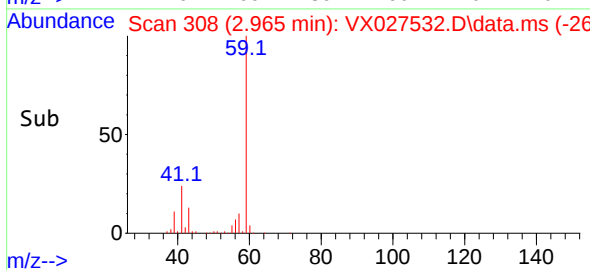
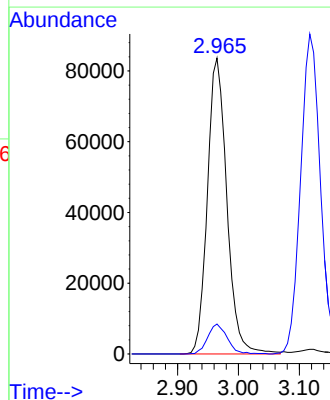
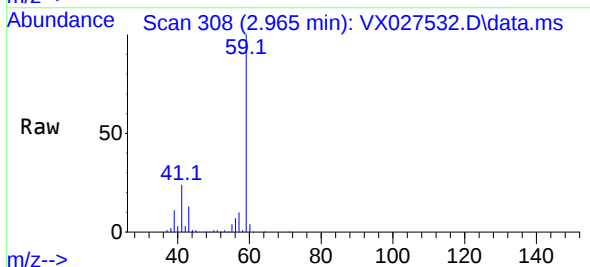
Instrument :
MSVOA_X
ClientSampleId :

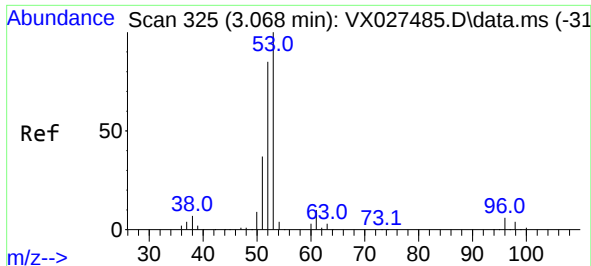
Tgt Ion: 64 Resp: 7910
Ion Ratio Lower Upper
64 100
66 6.3 25.3 37.9#



#11
Tert butyl alcohol
Concen: 223.786 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

Tgt Ion: 59 Resp: 185686
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5





#15

Acrylonitrile

Concen: 5.423 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX027532.D

Acq: 18 Mar 2022 16:54

Instrument :

MSVOA_X

ClientSampleId :

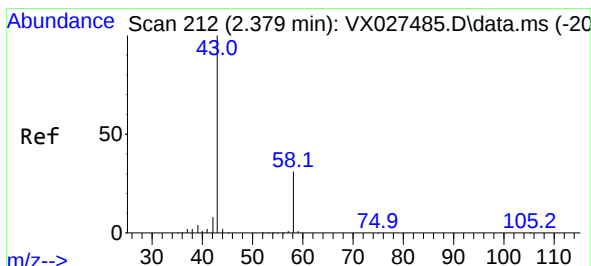
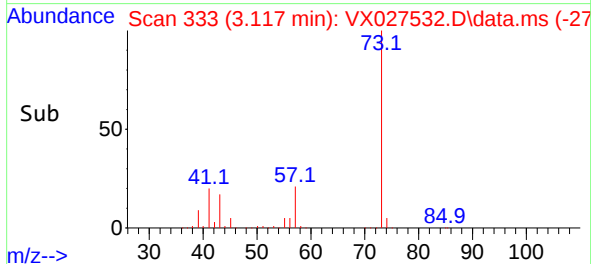
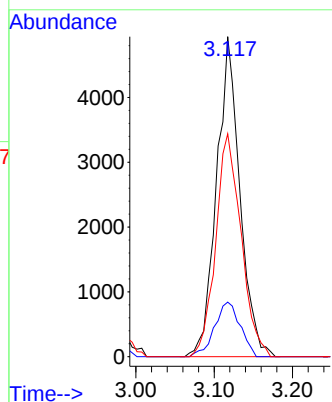
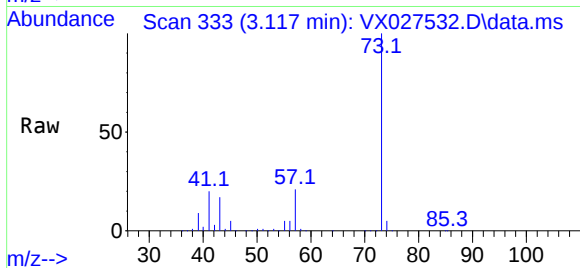
Tgt Ion: 53 Resp: 10230

Ion Ratio Lower Upper

53 100

52 18.7 65.7 98.5#

51 75.5 28.4 42.6#



#16

Acetone

Concen: 1.963 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027532.D

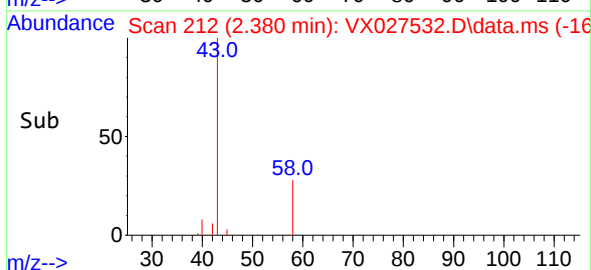
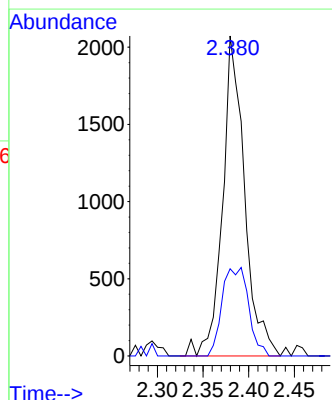
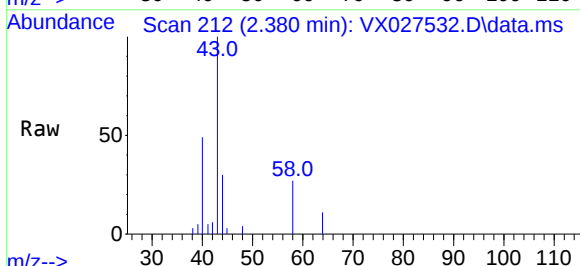
Acq: 18 Mar 2022 16:54

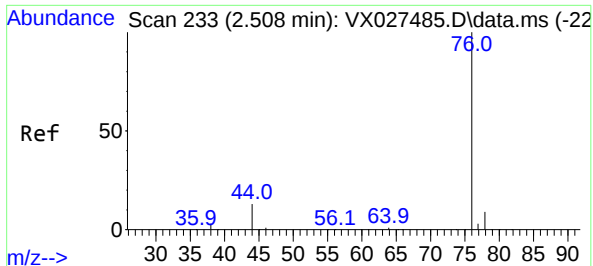
Tgt Ion: 43 Resp: 3483

Ion Ratio Lower Upper

43 100

58 27.3 28.8 43.2#

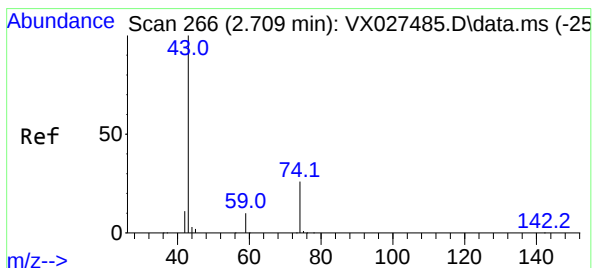
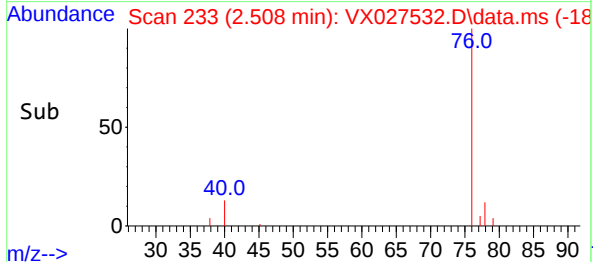
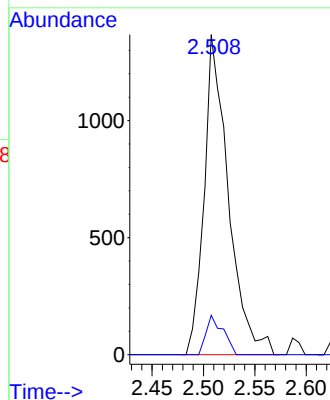
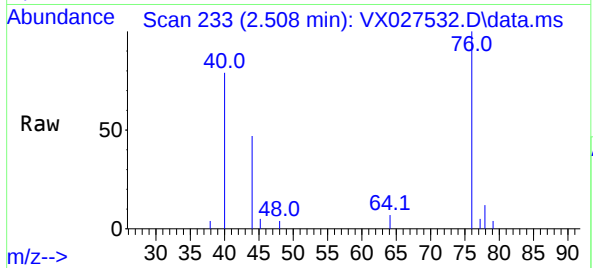




#17
Carbon Disulfide
Concen: 0.268 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

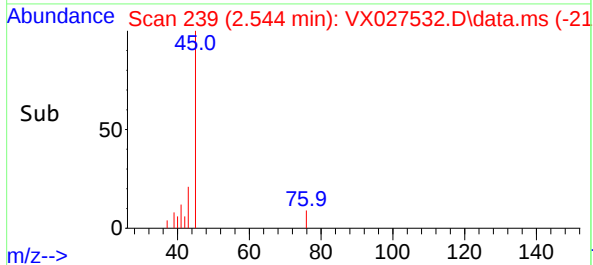
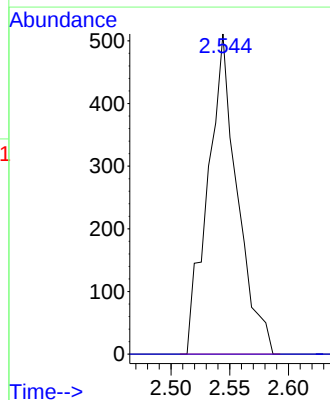
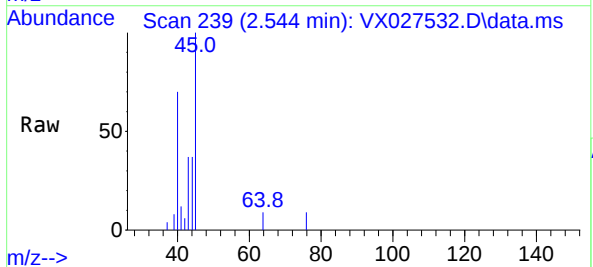
Instrument :
MSVOA_X
ClientSampleId :

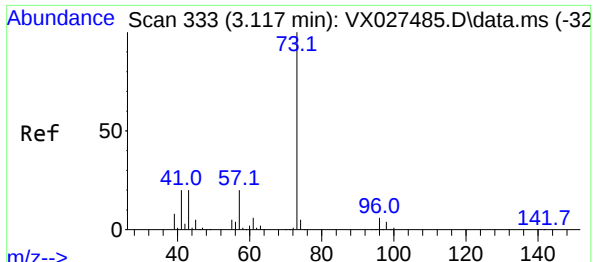
Tgt Ion: 76 Resp: 2242
Ion Ratio Lower Upper
76 100
78 12.3 7.2 10.8#



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.165 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#19

Methyl tert-butyl Ether

Concen: 89.012 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027532.D

Acq: 18 Mar 2022 16:54

Instrument :

MSVOA_X

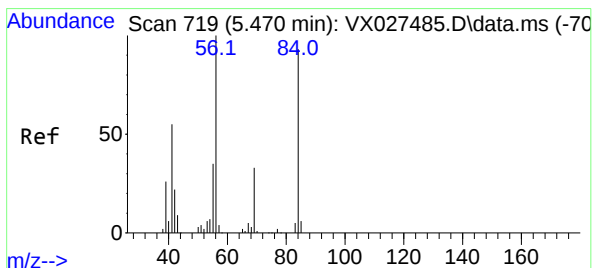
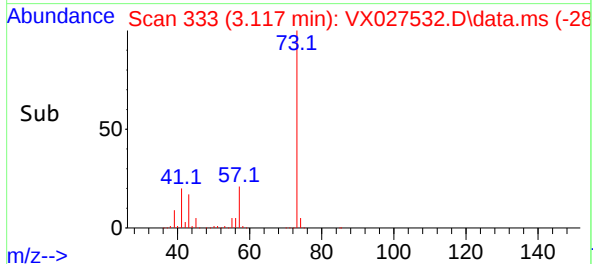
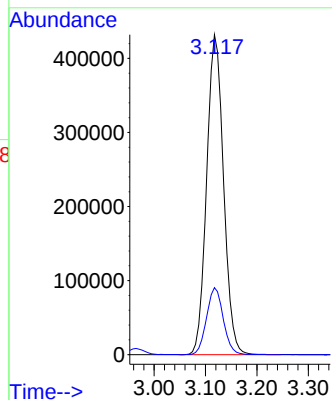
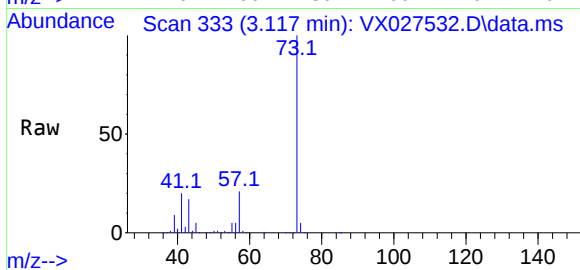
ClientSampleId :

Tgt Ion: 73 Resp: 985585

Ion Ratio Lower Upper

73 100

57 20.9 16.8 25.2



#31

Cyclohexane

Concen: 1.028 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX027532.D

Acq: 18 Mar 2022 16:54

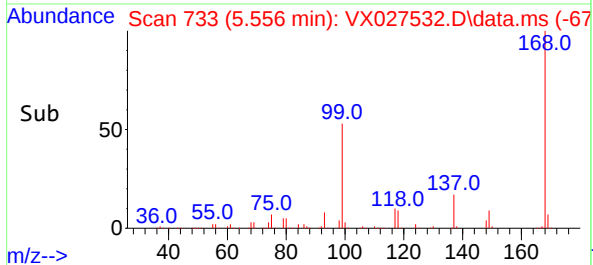
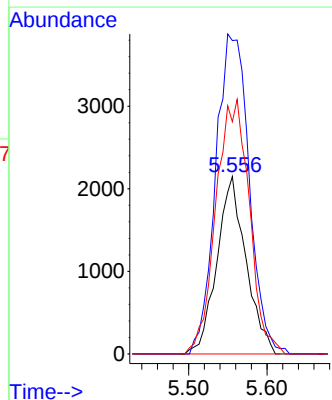
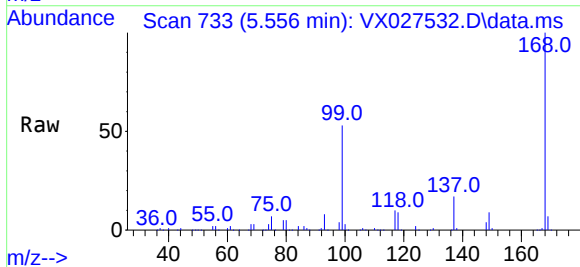
Tgt Ion: 56 Resp: 5556

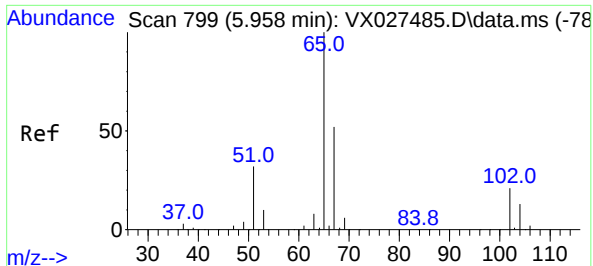
Ion Ratio Lower Upper

56 100

69 176.6 26.7 40.1#

84 130.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 45.028 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027532.D

Acq: 18 Mar 2022 16:54

Instrument :

MSVOA_X

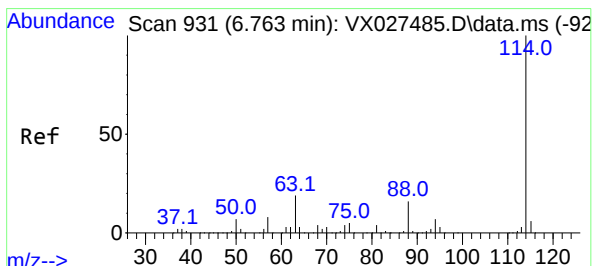
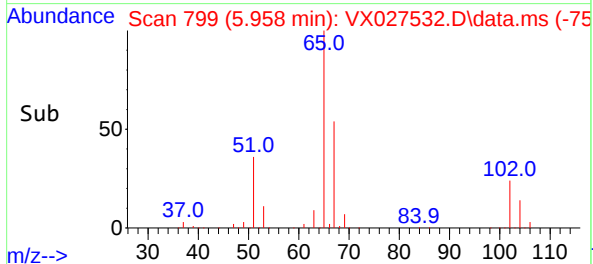
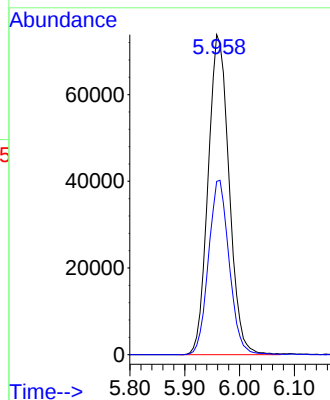
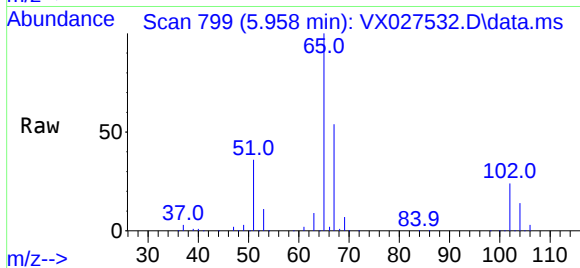
ClientSampleId :

Tgt Ion: 65 Resp: 196042

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027532.D

Acq: 18 Mar 2022 16:54

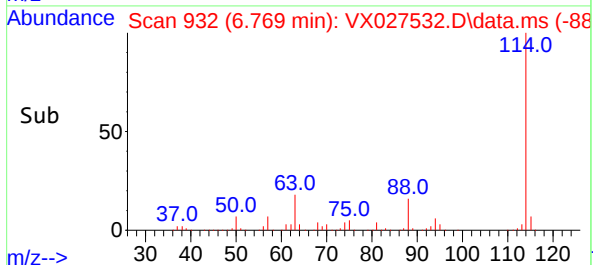
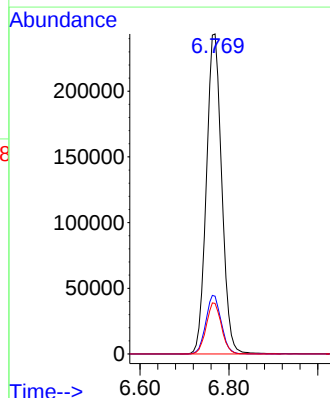
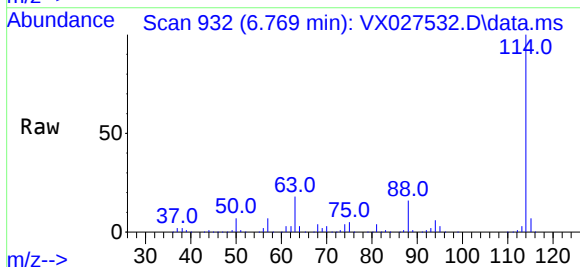
Tgt Ion:114 Resp: 585891

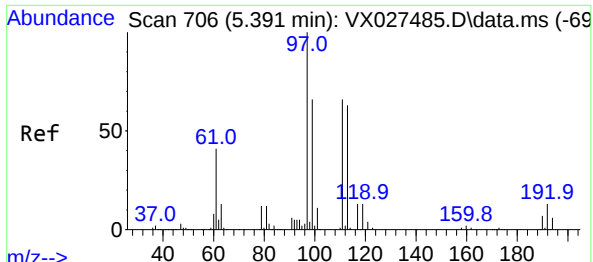
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

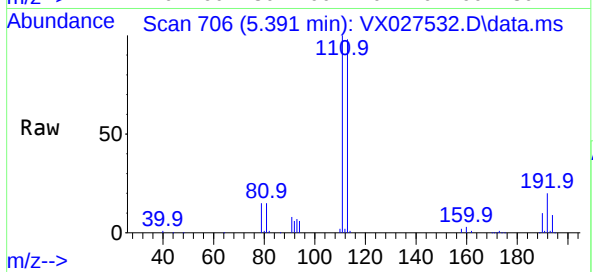
88 15.8 0.0 32.4



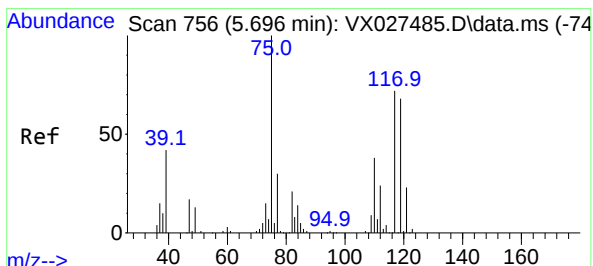
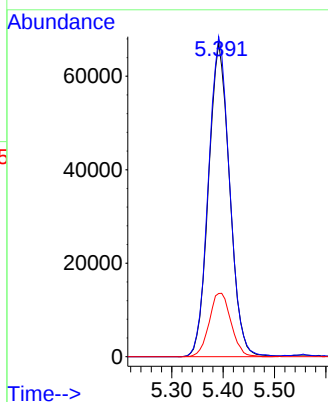
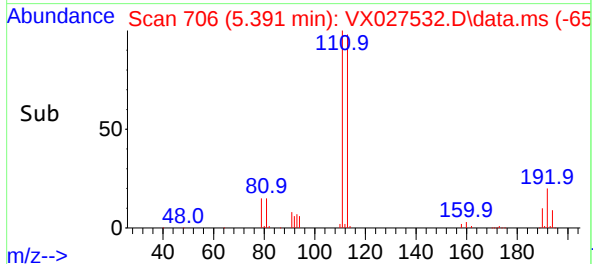


#35
Dibromofluoromethane
Concen: 50.595 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

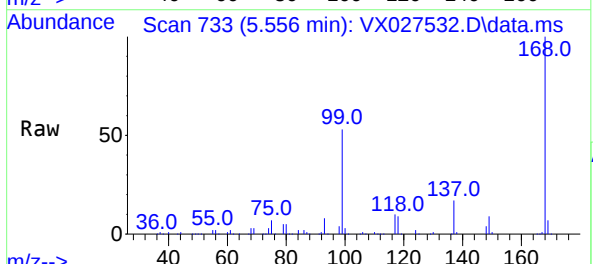
Instrument :
MSVOA_X
ClientSampleId :



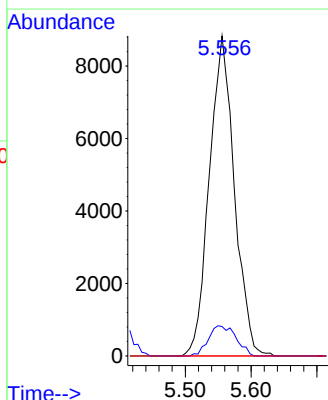
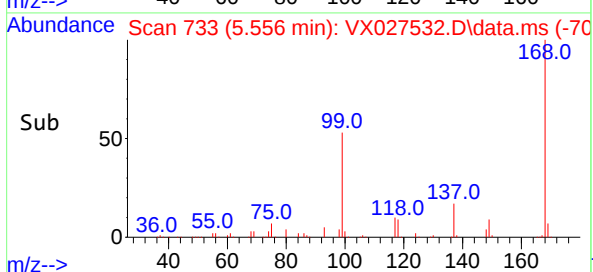
Tgt Ion:113 Resp: 190717
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 21.0 16.9 25.3

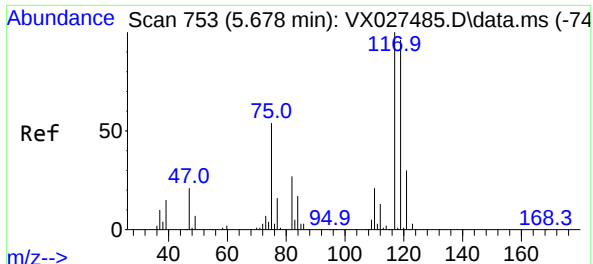


#36
1,1-Dichloropropene
Concen: 4.546 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54



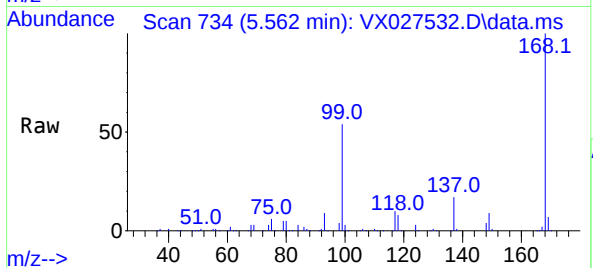
Tgt Ion: 75 Resp: 23418
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



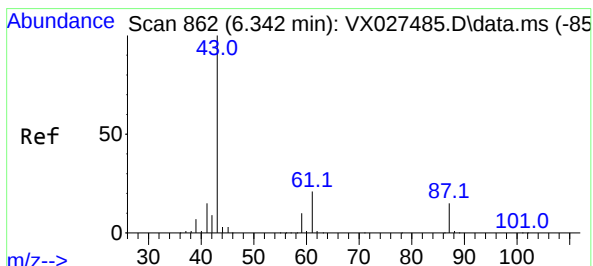
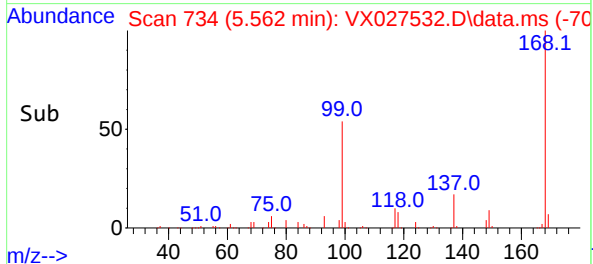
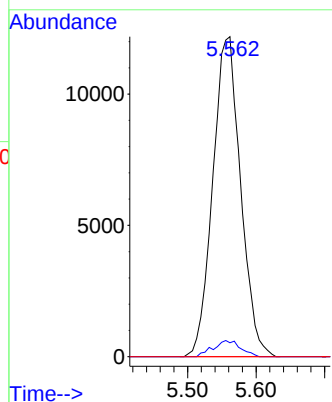


#38
Carbon Tetrachloride
Concen: 5.825 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

Instrument :
MSVOA_X
ClientSampleId :

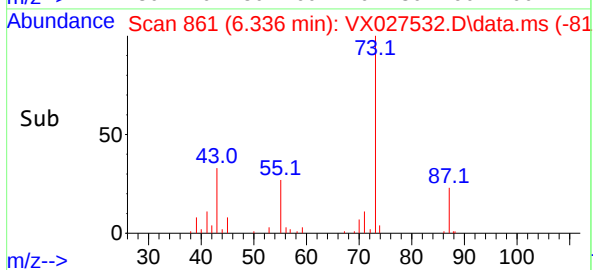
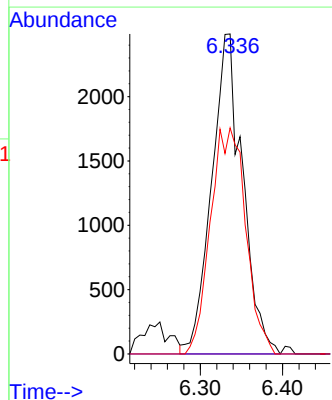
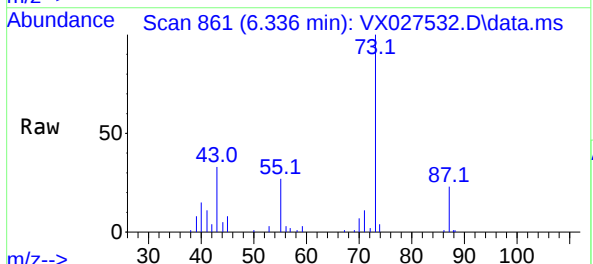


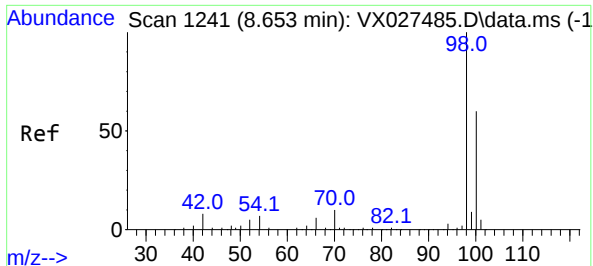
Tgt Ion:117 Resp: 34330
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.786 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

Tgt Ion: 43 Resp: 6495
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 80.4 13.0 19.6#

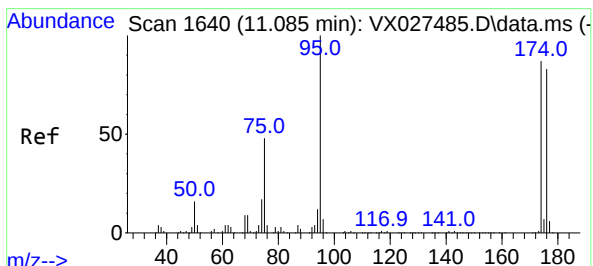
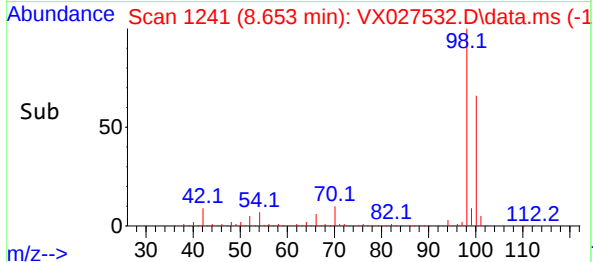
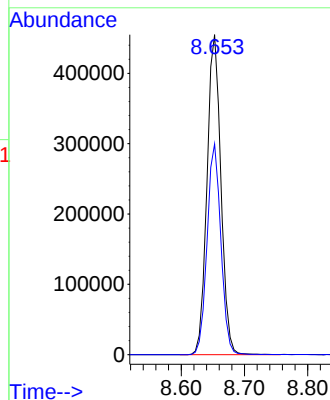
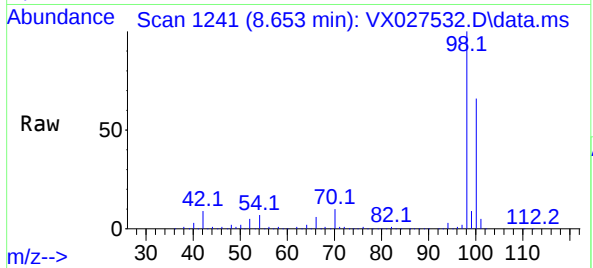




#50
Toluene-d8
Concen: 48.844 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

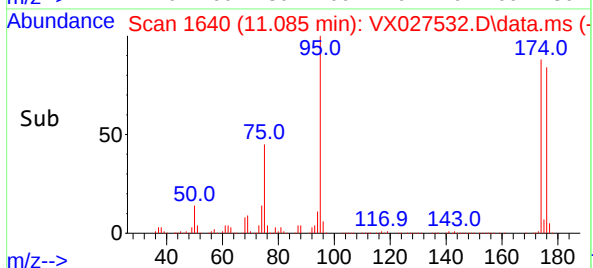
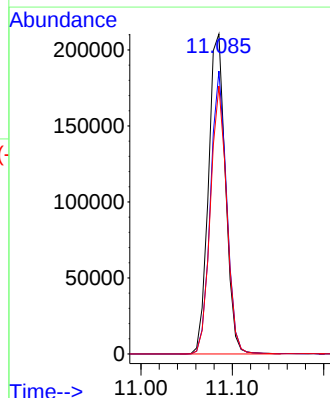
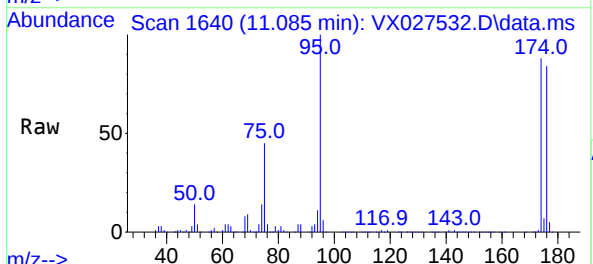
Instrument :
MSVOA_X
ClientSampleId :

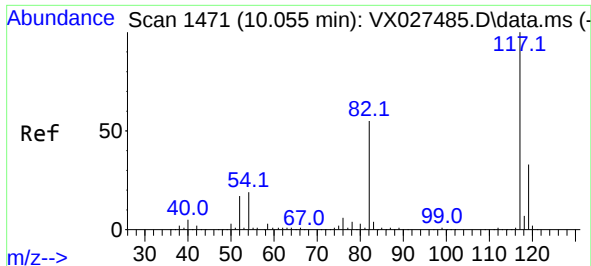
Tgt Ion: 98 Resp: 696729
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.639 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

Tgt Ion: 95 Resp: 270737
Ion Ratio Lower Upper
95 100
174 84.3 0.0 163.0
176 80.6 0.0 155.0

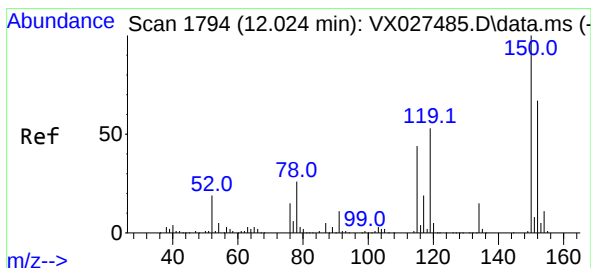
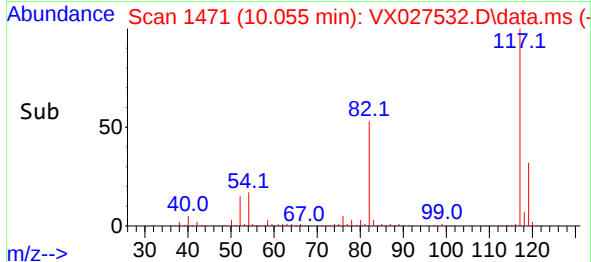
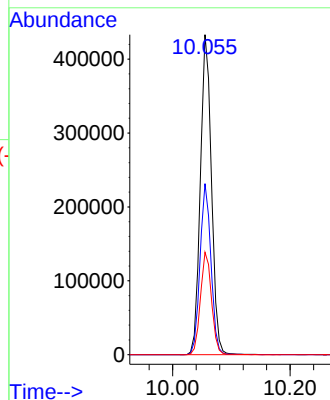
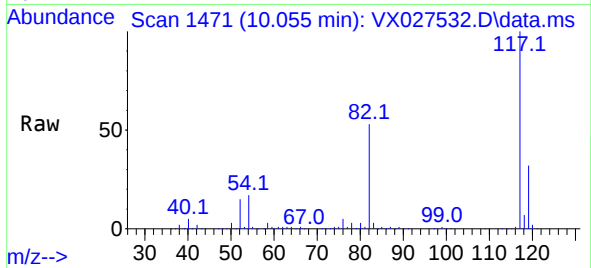




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

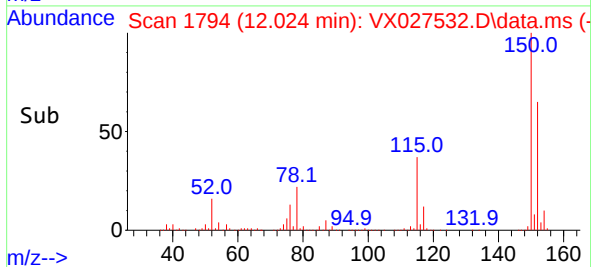
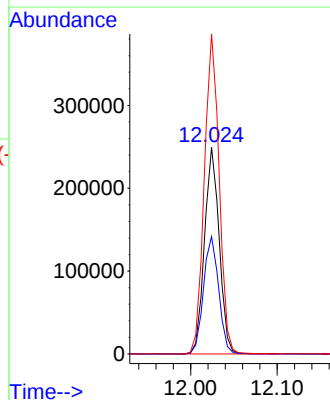
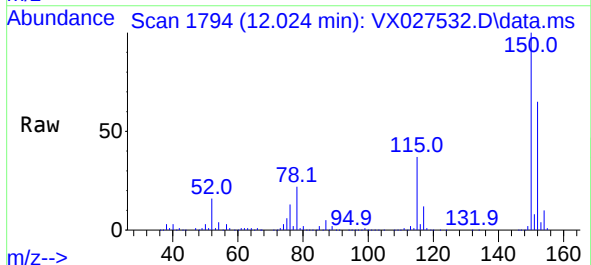
Instrument :
MSVOA_X
ClientSampleId :

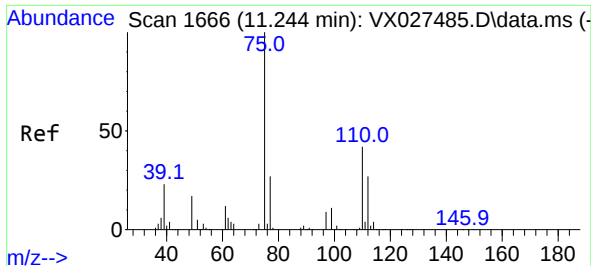
Tgt Ion:117 Resp: 568904
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

Tgt Ion:152 Resp: 293909
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 156.3 0.0 338.2

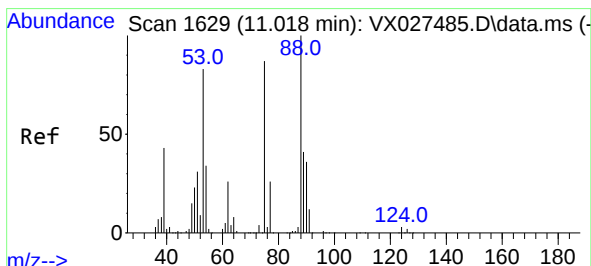
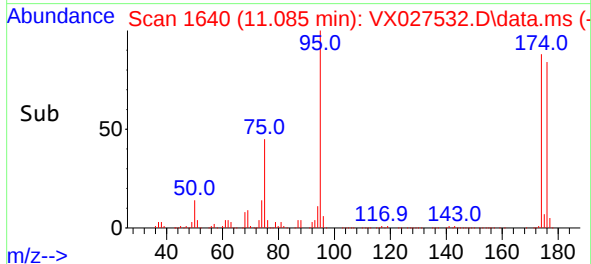
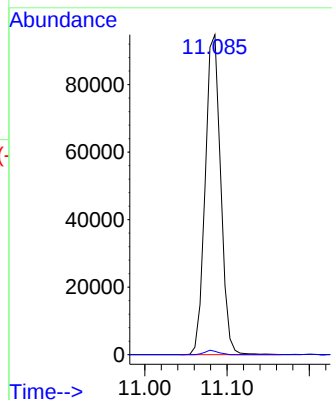
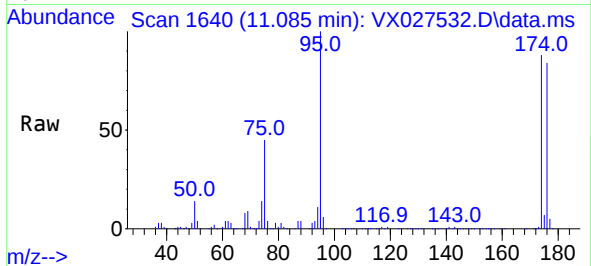




#76
1,2,3-Trichloropropane
Concen: 20.135 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 123783
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.151 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027532.D
Acq: 18 Mar 2022 16:54

Tgt Ion: 75 Resp: 123783
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

