

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027528.D
 Acq On : 18 Mar 2022 15:19
 Operator : JC/MD
 Sample : N2002-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220316043-02-VOA

Quant Time: Mar 19 03:07:37 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)

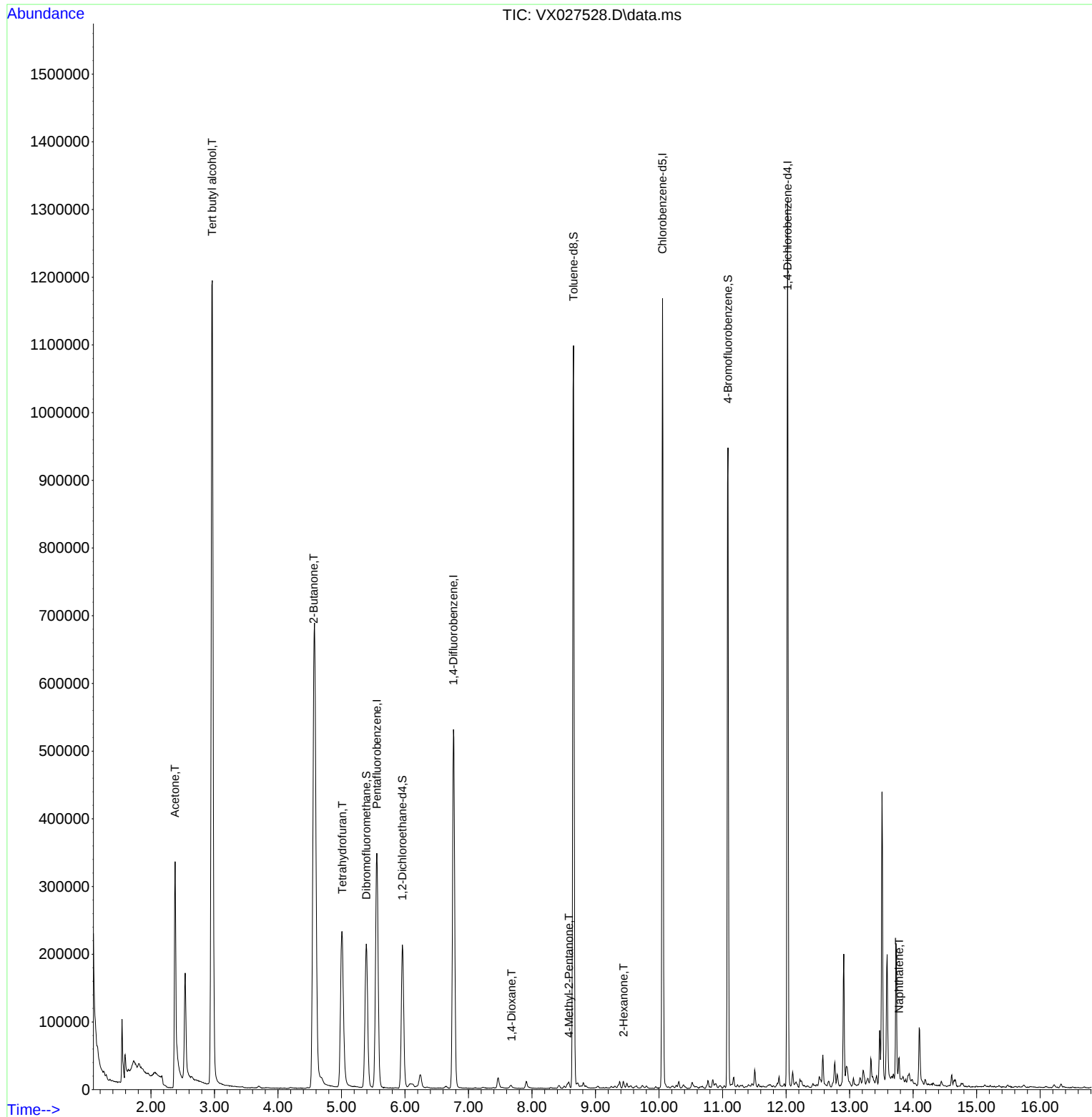
Internal Standards						
1) Pentafluorobenzene	5.556	168	344214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	571289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	538940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209940	49.510	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.020%
35) Dibromofluoromethane	5.391	113	188510	51.287	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.580%
50) Toluene-d8	8.653	98	675369	48.557	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.120%
62) 4-Bromofluorobenzene	11.085	95	261533	51.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	1403679	1736.940	ug/l	100
16) Acetone	2.380	43	343754	198.885	ug/l	97
25) 2-Butanone	4.562	43	501125	192.709	ug/l	97
29) Tetrahydrofuran	5.013	42	90388	54.183	ug/l	91
49) 1,4-Dioxane	7.677	88	3225	31.497	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	6594	1.282	ug/l	86
59) 2-Hexanone	9.439	43	5451	1.376	ug/l	95
95) Naphthalene	13.780	128	15712	0.840	ug/l	98

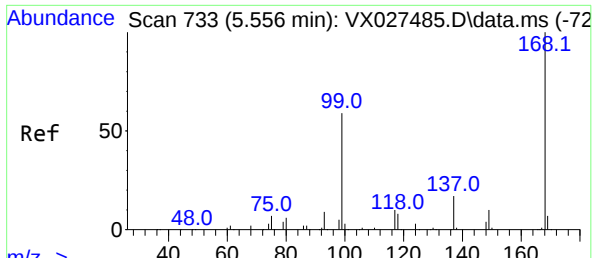
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
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MSVOA_X
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220316043-02-VOA

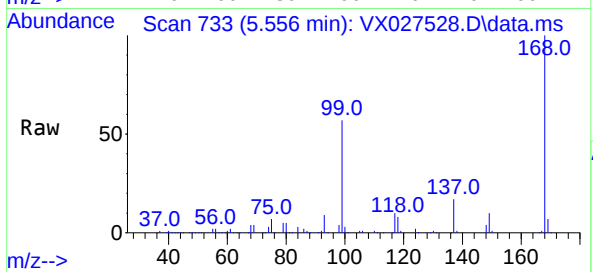
Quant Time: Mar 19 03:07:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



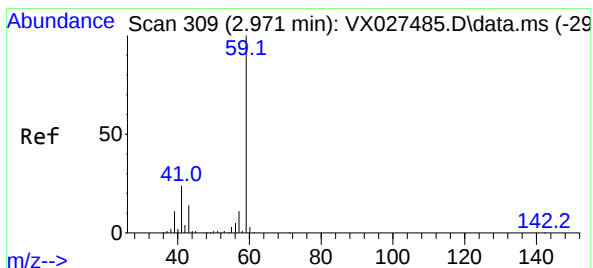
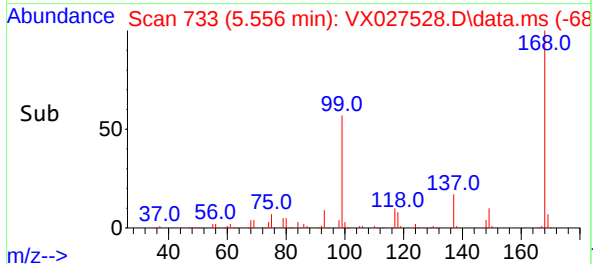
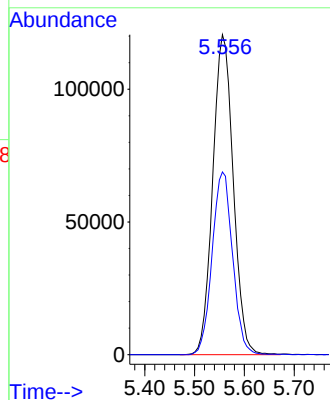


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
220316043-02-VOA

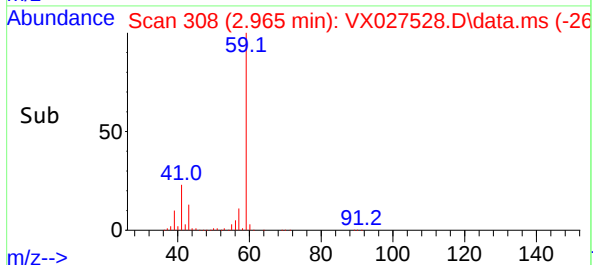
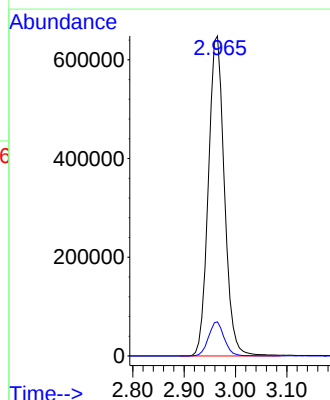
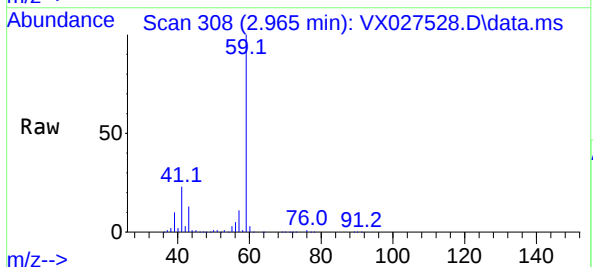


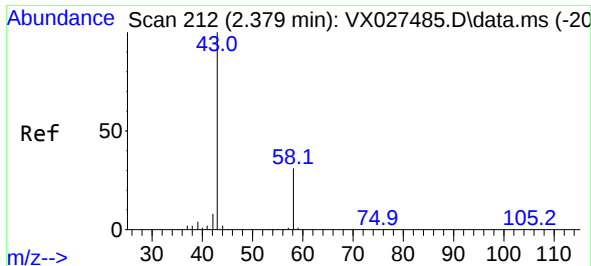
Tgt Ion:168 Resp: 344214
Ion Ratio Lower Upper
168 100
99 57.1 41.7 62.5



#11
Tert butyl alcohol
Concen: 1736.940 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 59 Resp: 1403679
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

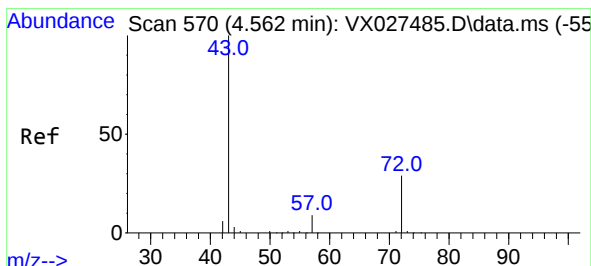
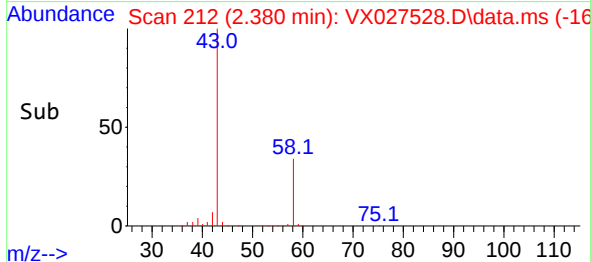
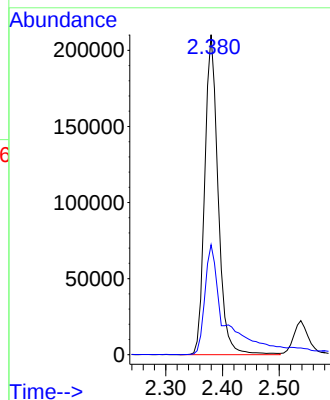
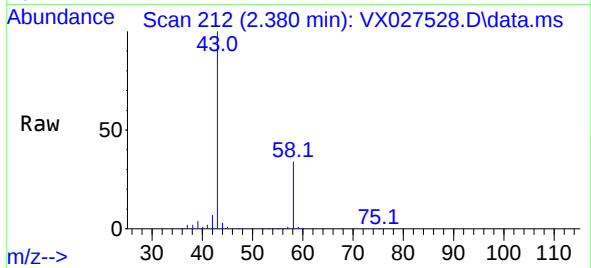




#16
Acetone
Concen: 198.885 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

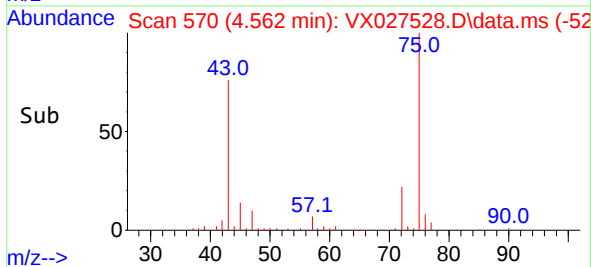
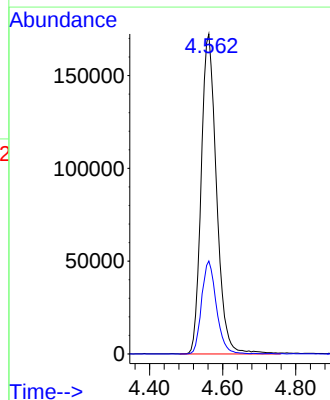
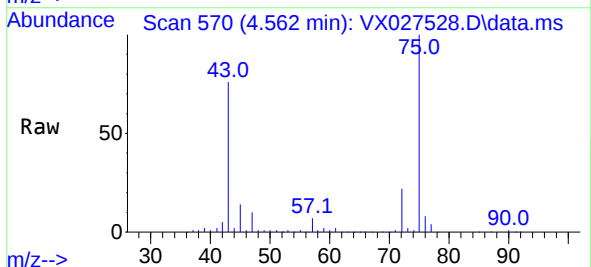
Instrument :
MSVOA_X
ClientSampleId :
220316043-02-VOA

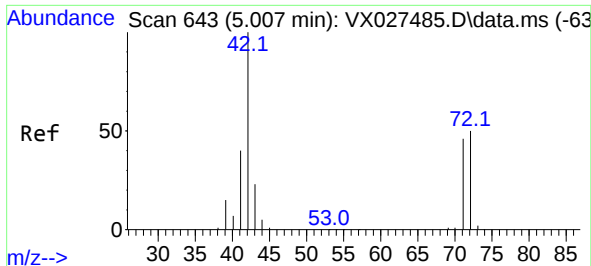
Tgt Ion: 43 Resp: 343754
Ion Ratio Lower Upper
43 100
58 34.4 28.8 43.2



#25
2-Butanone
Concen: 192.709 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 43 Resp: 501125
Ion Ratio Lower Upper
43 100
72 29.1 24.4 36.6





#29

Tetrahydrofuran

Concen: 54.183 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX027528.D

Acq: 18 Mar 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

220316043-02-VOA

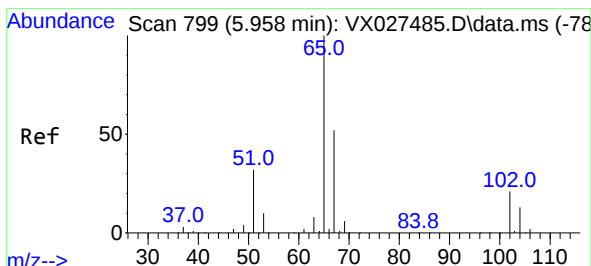
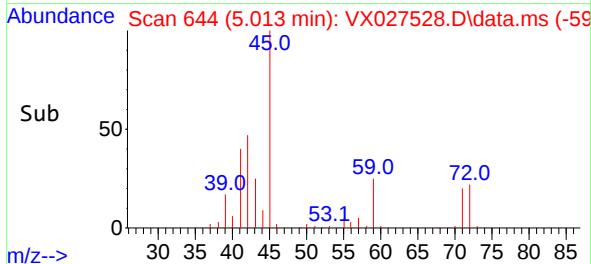
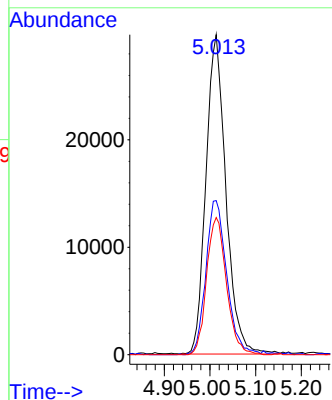
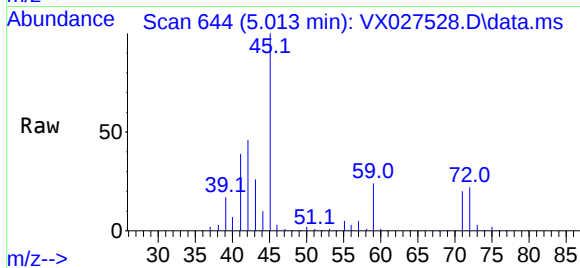
Tgt Ion: 42 Resp: 90388

Ion Ratio Lower Upper

42 100

72 50.2 44.1 66.1

71 42.7 40.5 60.7



#33

1,2-Dichloroethane-d4

Concen: 49.510 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027528.D

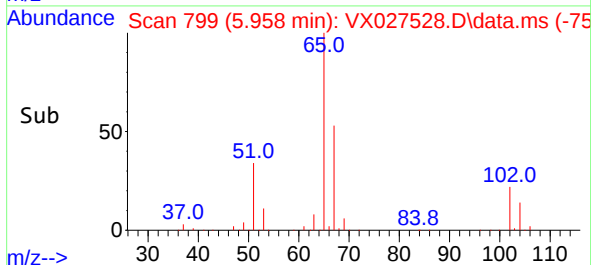
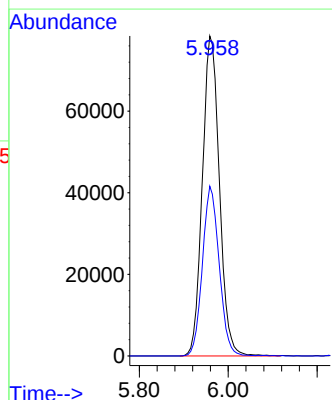
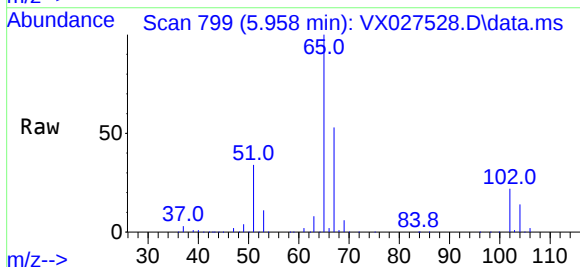
Acq: 18 Mar 2022 15:19

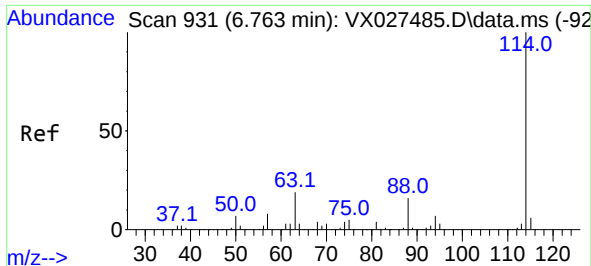
Tgt Ion: 65 Resp: 209940

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4

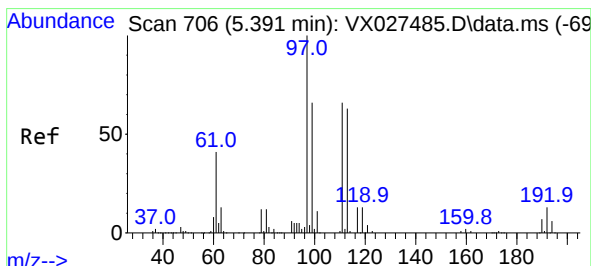
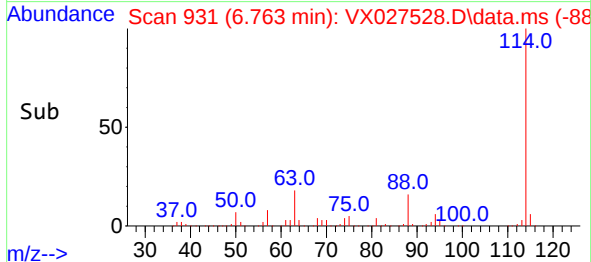
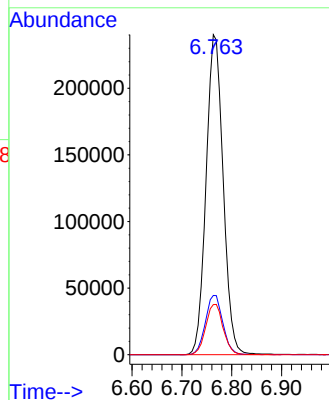
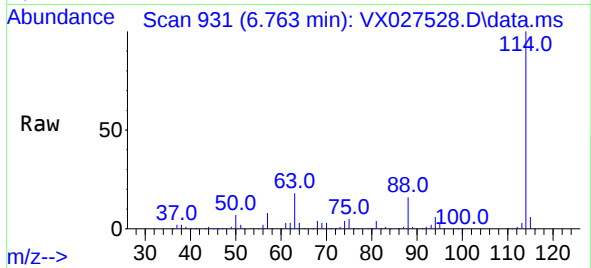




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

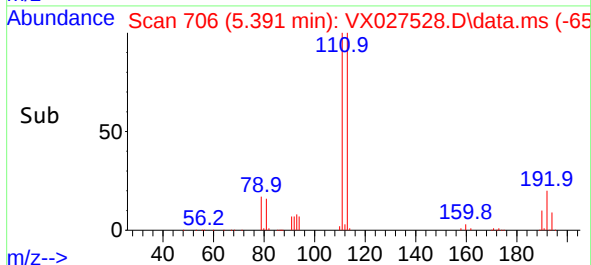
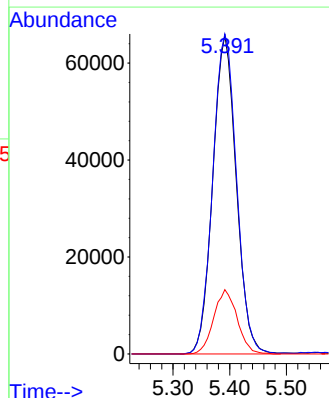
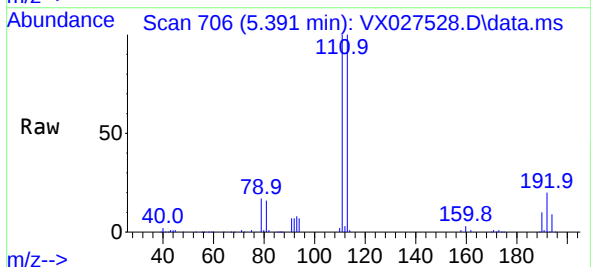
Instrument :
MSVOA_X
ClientSampleId :
220316043-02-VOA

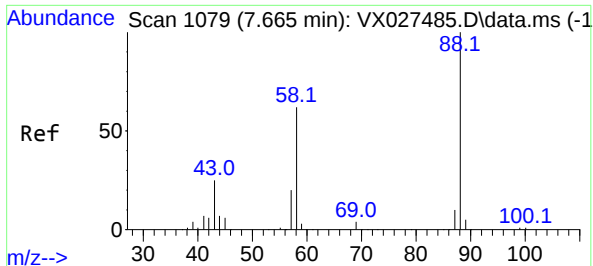
Tgt Ion:114 Resp: 571289
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.287 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

Tgt Ion:113 Resp: 188510
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 20.2 16.9 25.3





#49

1,4-Dioxane

Concen: 31.497 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX027528.D

Acq: 18 Mar 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

220316043-02-VOA

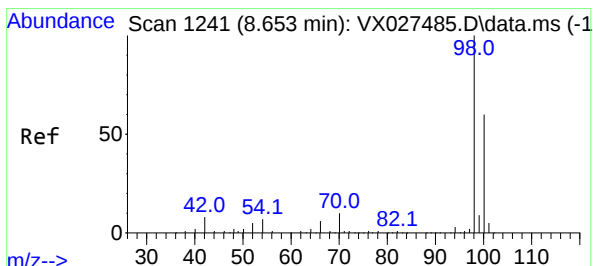
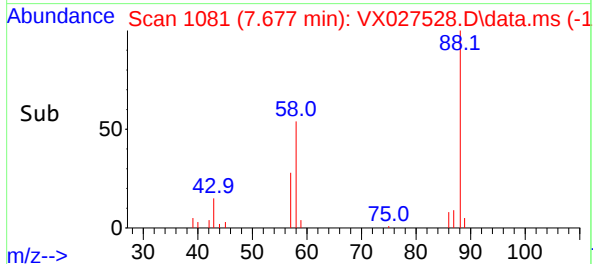
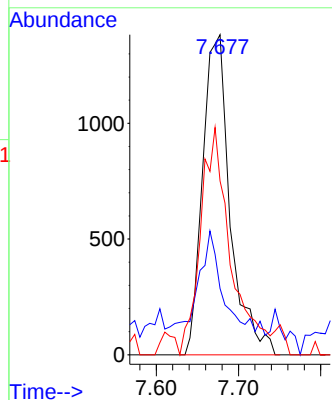
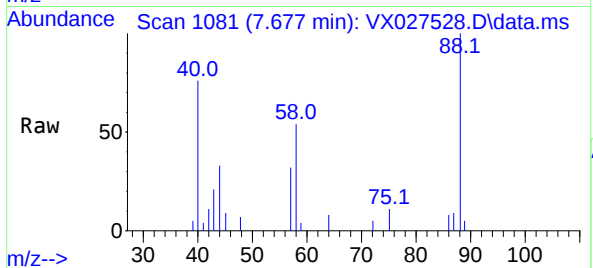
Tgt Ion: 88 Resp: 3225

Ion Ratio Lower Upper

88 100

43 27.7 21.9 32.9

58 77.3 53.7 80.5



#50

Toluene-d8

Concen: 48.557 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027528.D

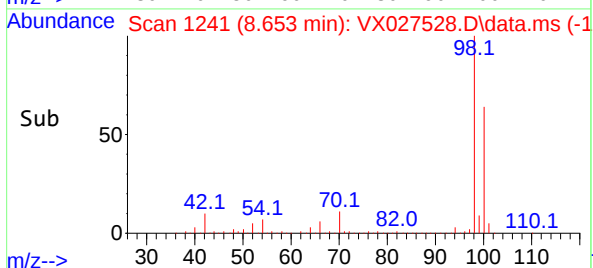
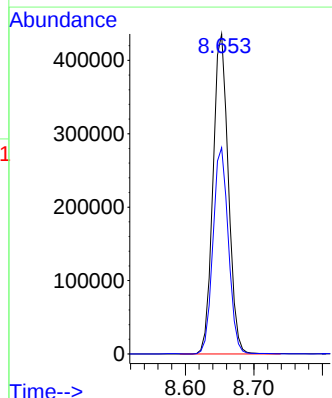
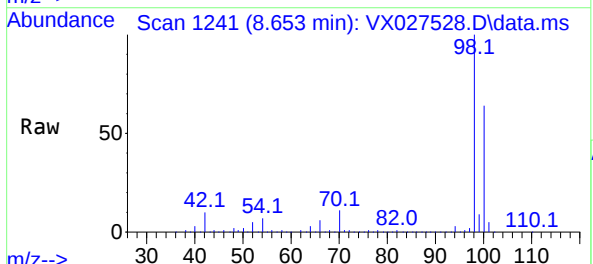
Acq: 18 Mar 2022 15:19

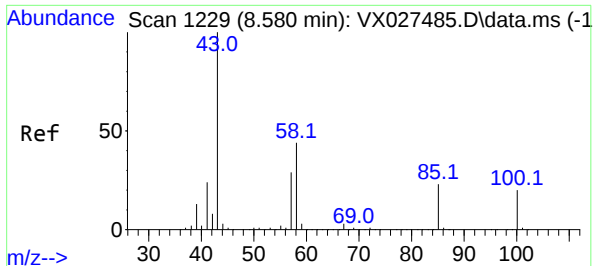
Tgt Ion: 98 Resp: 675369

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8

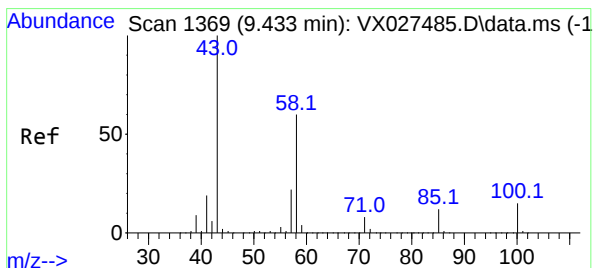
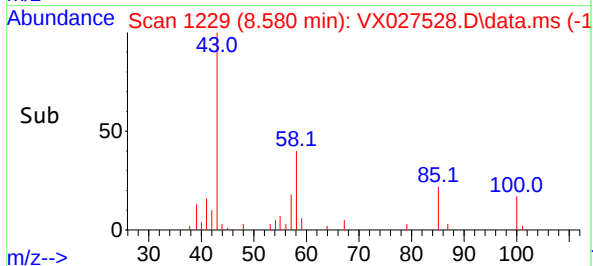
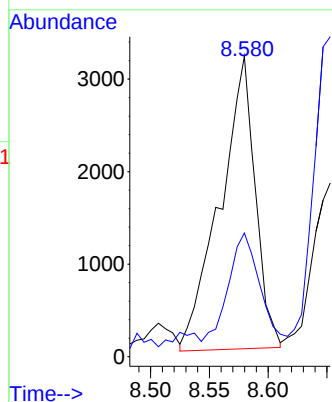
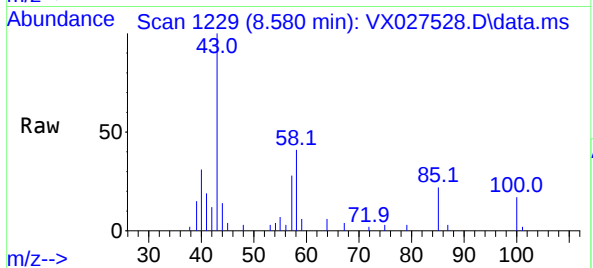




#51
4-Methyl-2-Pentanone
Concen: 1.282 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

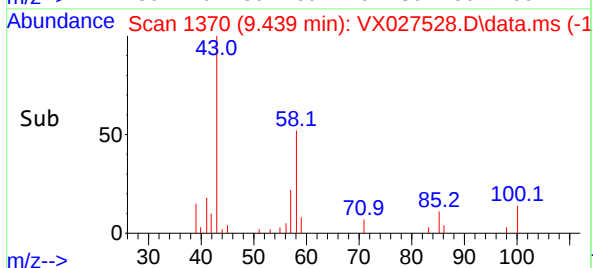
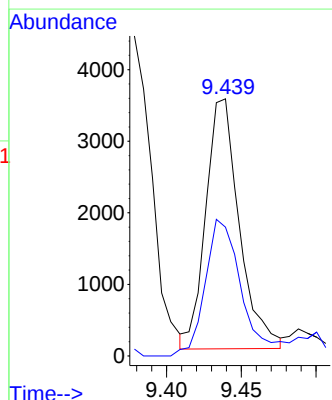
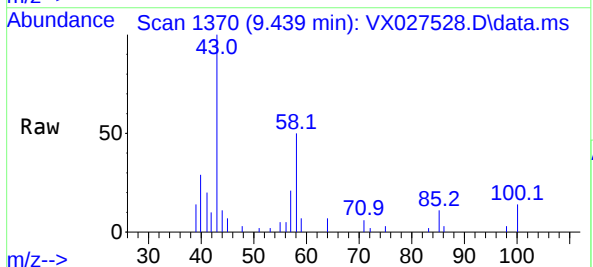
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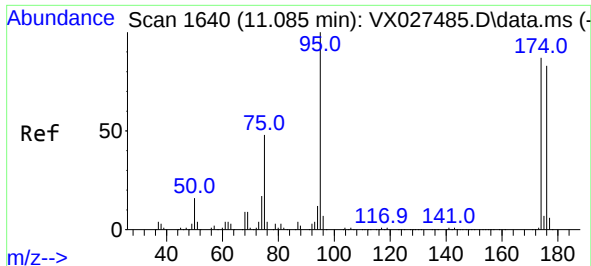
Tgt Ion: 43 Resp: 6594
Ion Ratio Lower Upper
43 100
58 36.1 36.1 54.1



#59
2-Hexanone
Concen: 1.376 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 43 Resp: 5451
Ion Ratio Lower Upper
43 100
58 59.9 31.9 95.7

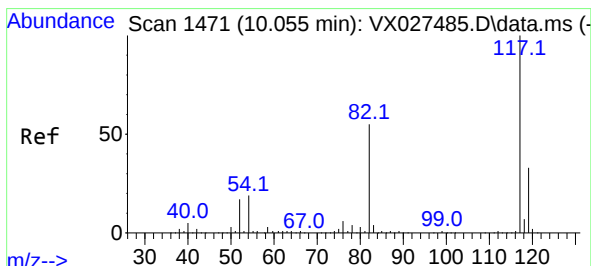
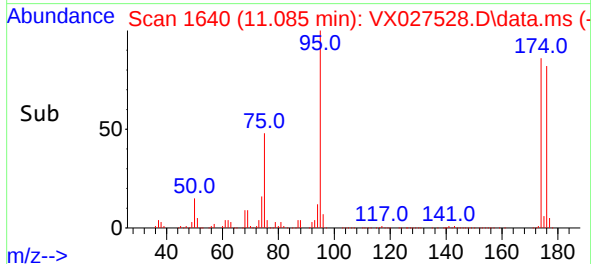
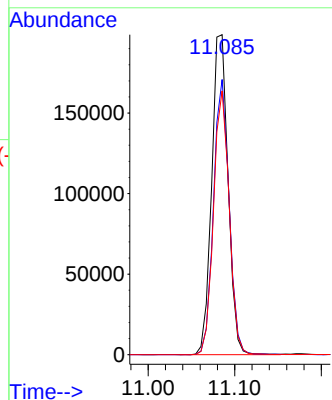
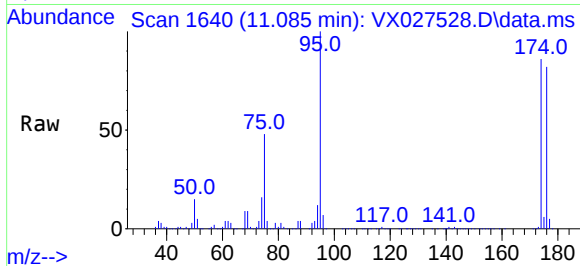




#62
4-Bromofluorobenzene
Concen: 51.158 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

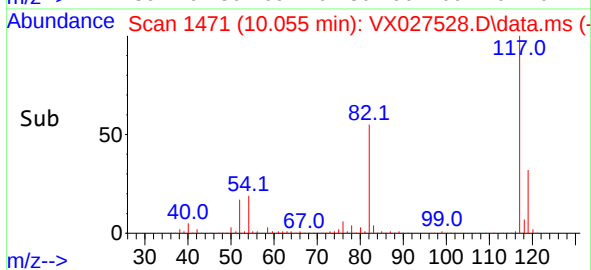
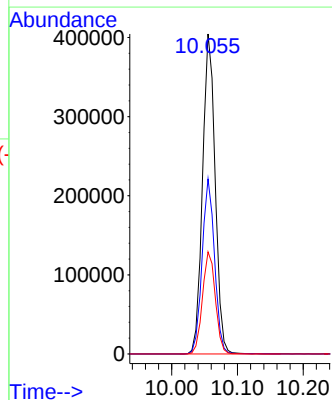
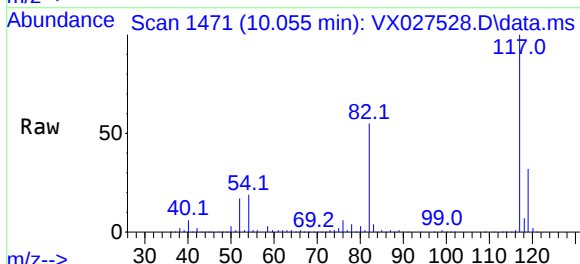
Instrument :
MSVOA_X
ClientSampleId :
220316043-02-VOA

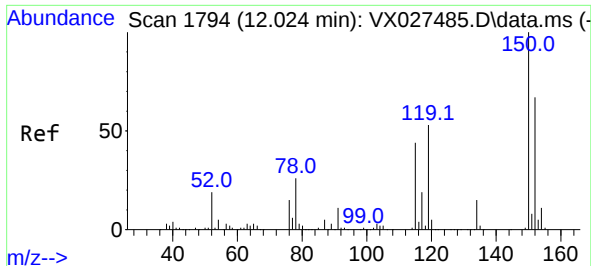
Tgt Ion: 95 Resp: 261533
Ion Ratio Lower Upper
95 100
174 81.7 0.0 163.0
176 78.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

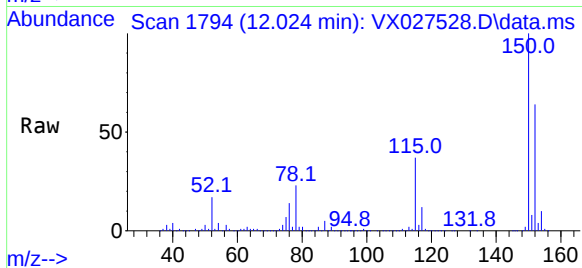
Tgt Ion: 117 Resp: 538940
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 31.9 24.8 37.2



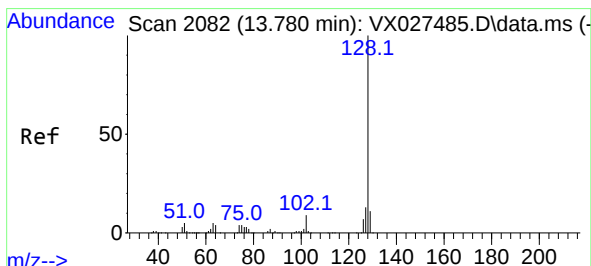
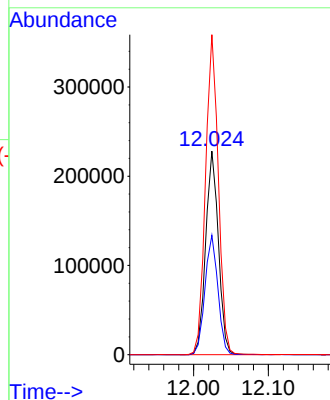
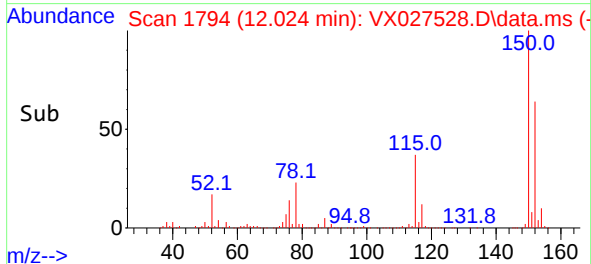


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19

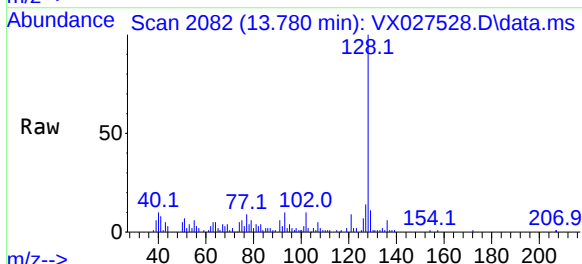
Instrument :
MSVOA_X
ClientSampleId :
220316043-02-VOA



Tgt Ion:152 Resp: 270030
Ion Ratio Lower Upper
152 100
115 59.7 37.5 112.7
150 158.6 0.0 338.2



#95
Naphthalene
Concen: 0.840 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027528.D
Acq: 18 Mar 2022 15:19



Tgt Ion:128 Resp: 15712
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.6 8.7 13.1

