

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033229.D
 Acq On : 05 Dec 2022 16:37
 Operator : JC/MD
 Sample : N5859-07 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0586

Quant Time: Dec 06 06:00:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

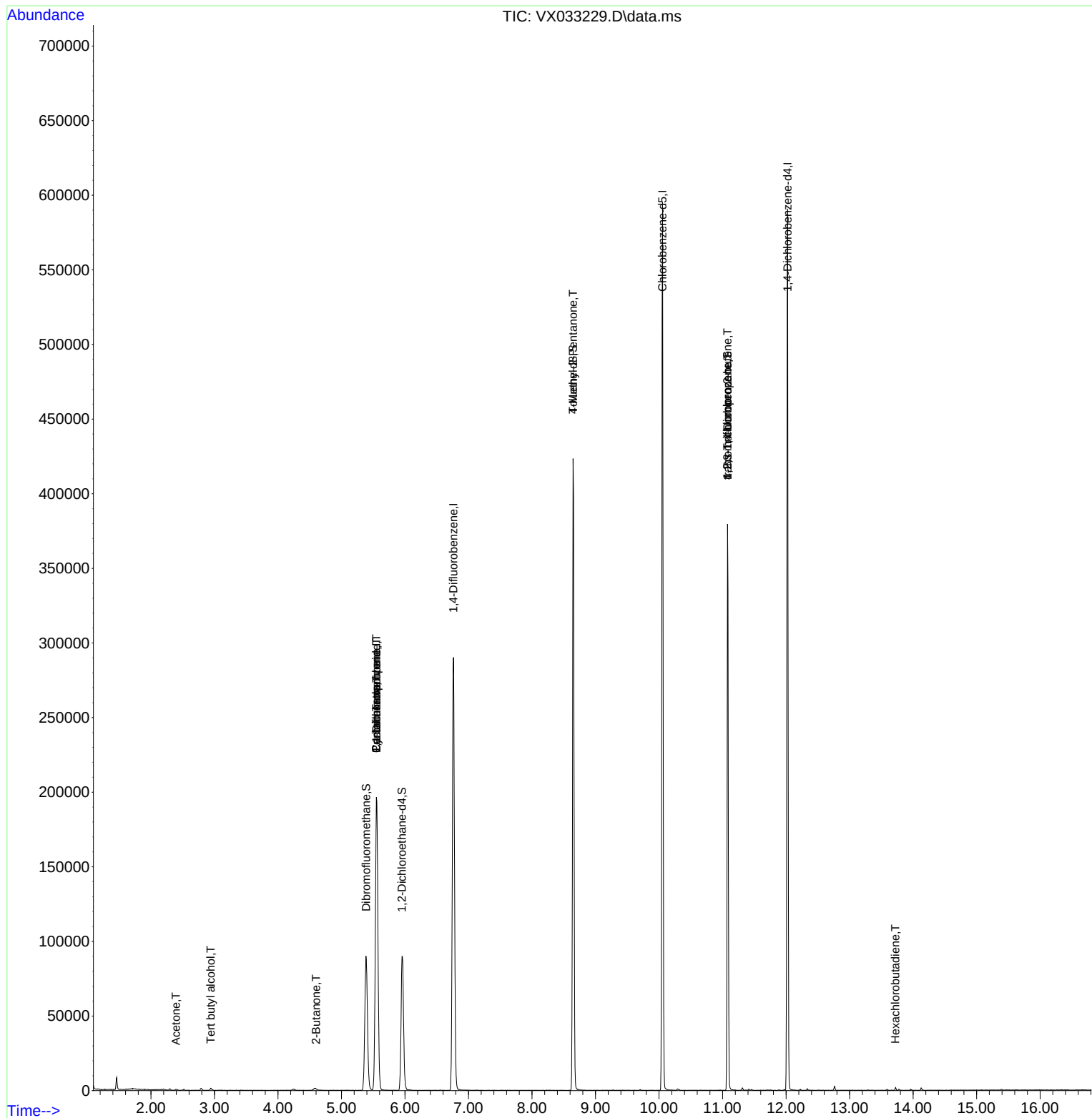
Internal Standards						
1) Pentafluorobenzene	5.550	168	187232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93295	51.060	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.120%	
35) Dibromofluoromethane	5.385	113	78684	46.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.680%	
50) Toluene-d8	8.647	98	253092	49.523	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	11.079	95	94608	42.420	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	929	3.214	ug/l #	72
16) Acetone	2.392	43	957	1.124	ug/l	96
20) Methylene Chloride	2.794	84	667	Below Cal	#	82
25) 2-Butanone	4.599	43	255	0.217	ug/l #	47
31) Cyclohexane	5.550	56	4001	1.354	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	14236	5.244	ug/l #	50
38) Carbon Tetrachloride	5.550	117	19309	6.412	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1061	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50395	21.431	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50395	69.659	ug/l #	6
94) Hexachlorobutadiene	13.719	225	372	0.344	ug/l	77

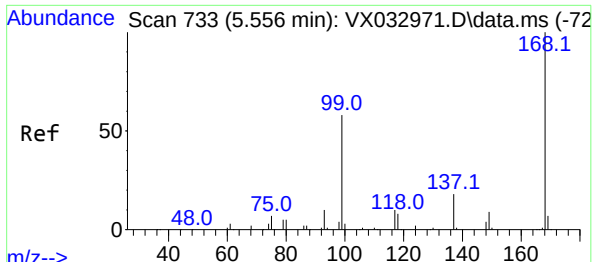
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 06:00:05 2022
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Quant Title : SW846 8260
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Response via : Initial Calibration

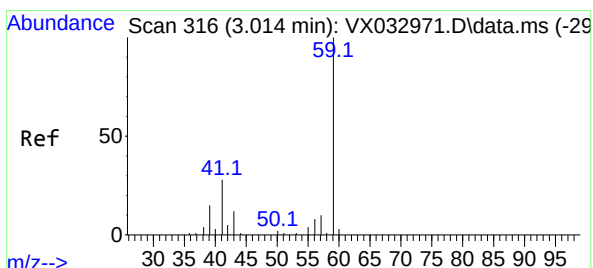
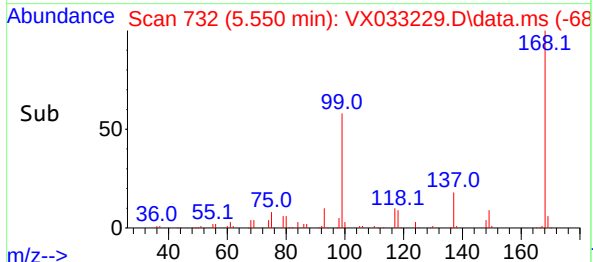
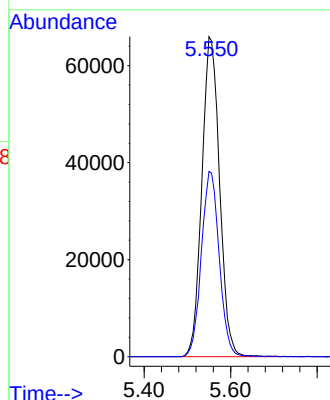
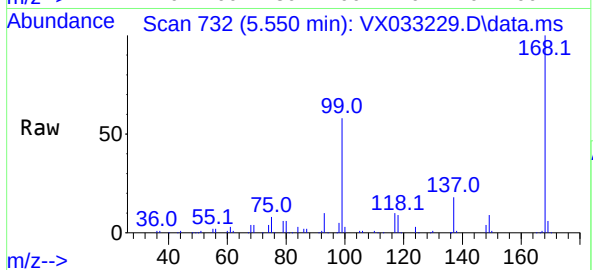




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

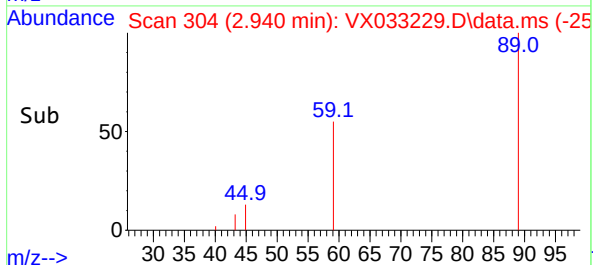
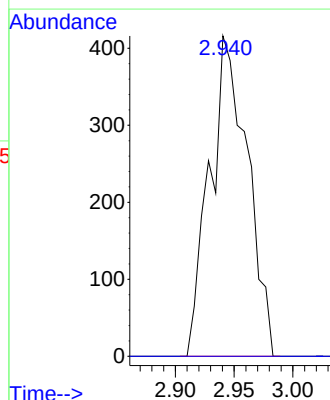
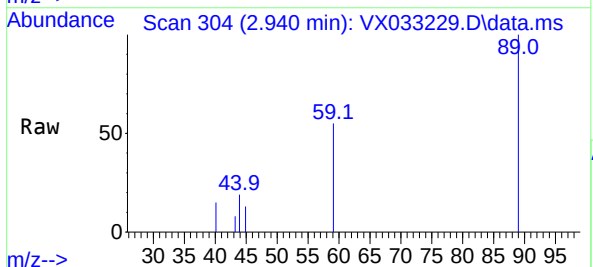
Instrument :
MSVOA_X
ClientSampleId :
ORA-0586

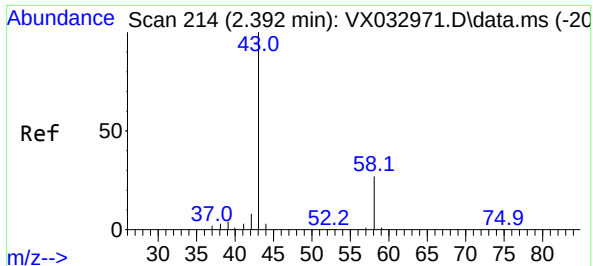
Tgt Ion:168 Resp: 187232
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.214 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

Tgt Ion: 59 Resp: 929
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

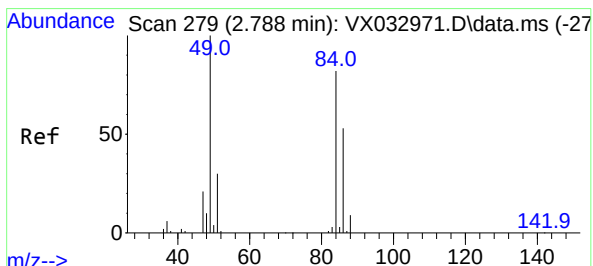
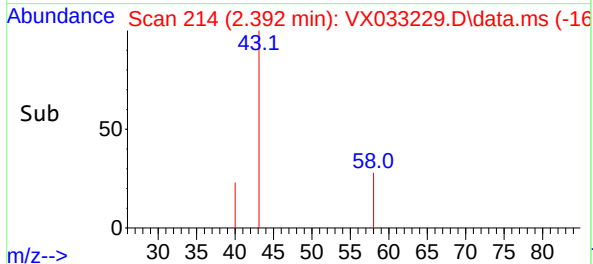
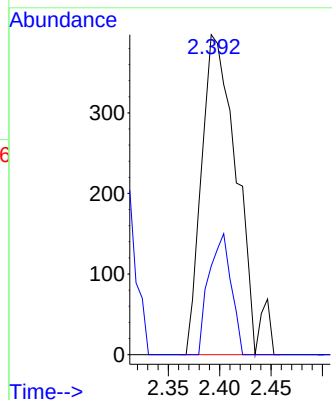
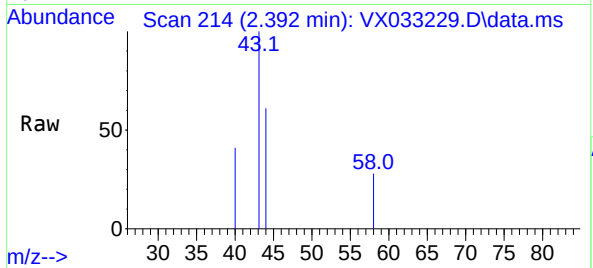




#16
Acetone
Concen: 1.124 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

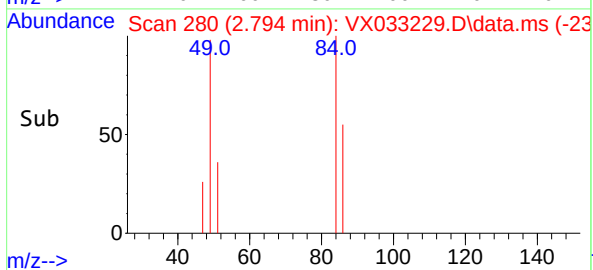
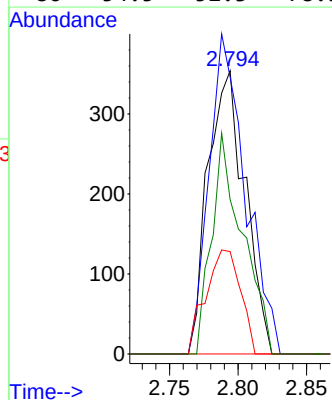
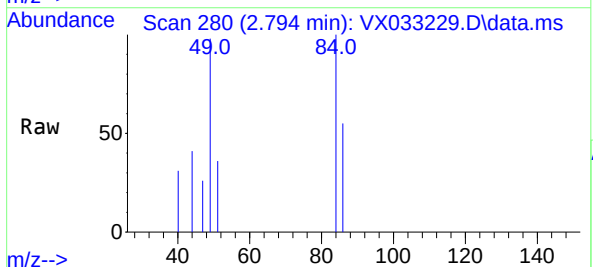
Instrument :
MSVOA_X
ClientSampleId :
ORA-0586

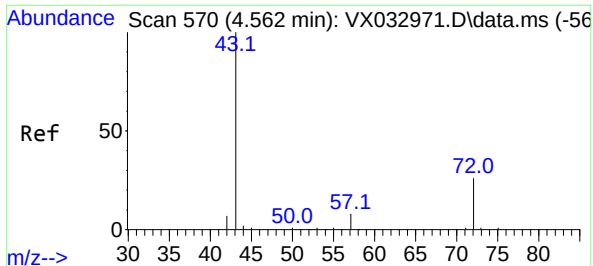
Tgt Ion: 43 Resp: 957
Ion Ratio Lower Upper
43 100
58 27.7 23.8 35.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

Tgt Ion: 84 Resp: 667
Ion Ratio Lower Upper
84 100
49 97.7 101.0 151.6#
51 36.2 31.1 46.7
86 54.5 52.3 78.5





#25

2-Butanone

Concen: 0.217 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX033229.D

Acq: 05 Dec 2022 16:37

Instrument :

MSVOA_X

ClientSampleId :

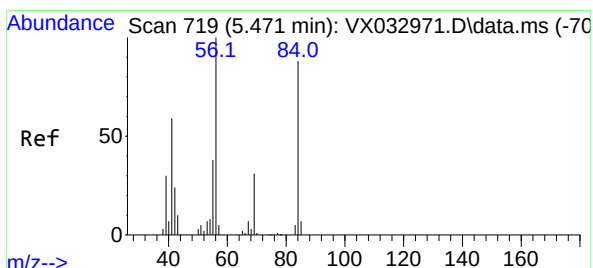
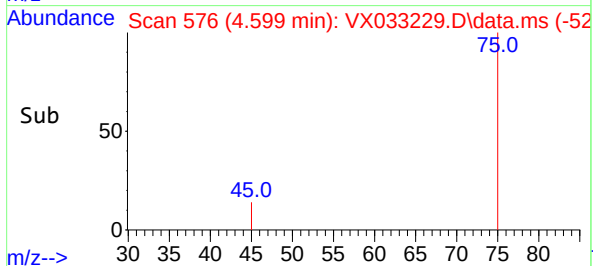
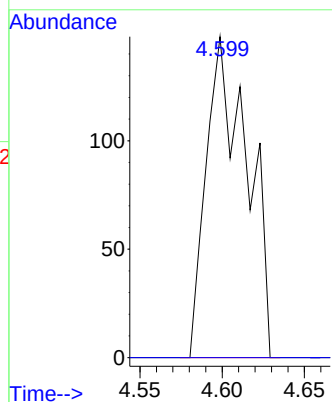
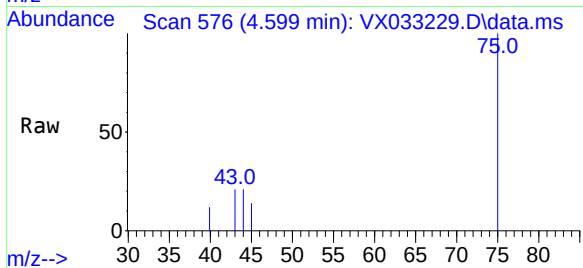
ORA-0586

Tgt Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.354 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033229.D

Acq: 05 Dec 2022 16:37

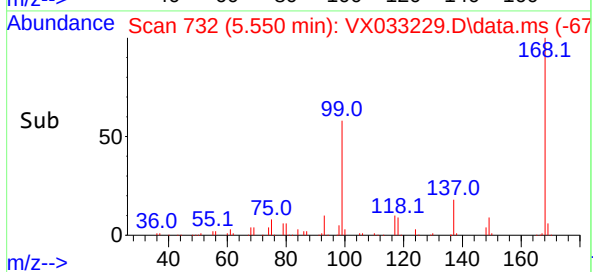
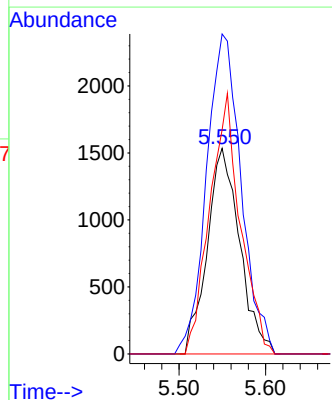
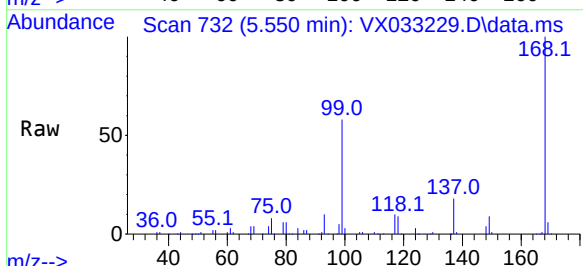
Tgt Ion: 56 Resp: 4001

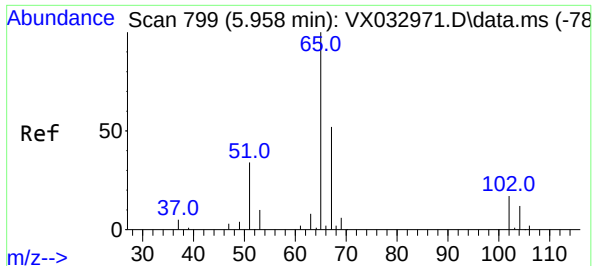
Ion Ratio Lower Upper

56 100

69 155.7 24.1 36.1#

84 109.1 66.9 100.3#

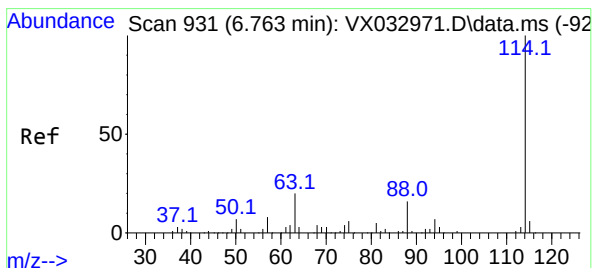
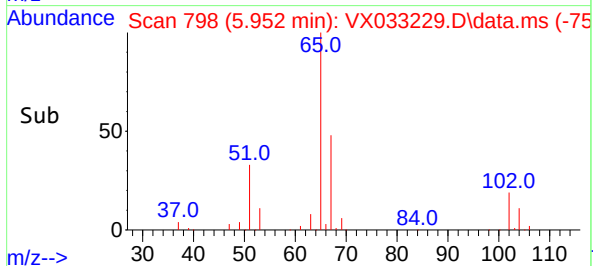
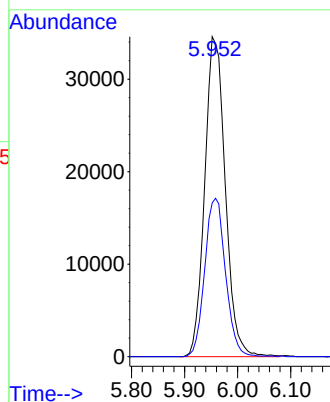
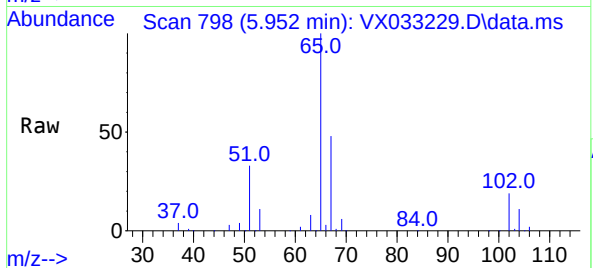




#33
1,2-Dichloroethane-d4
Concen: 51.060 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

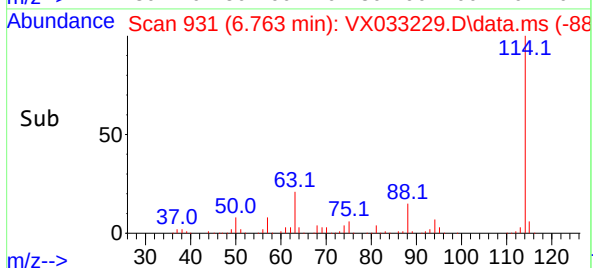
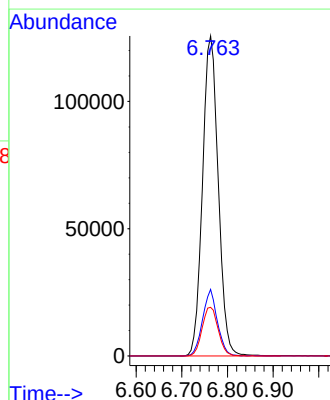
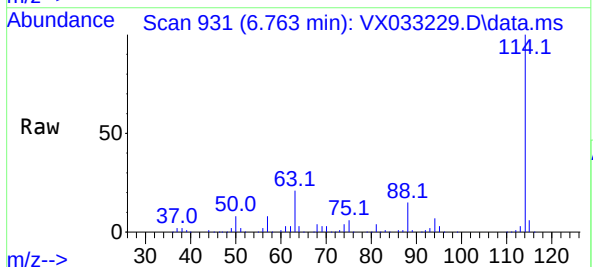
Instrument :
MSVOA_X
ClientSampleId :
ORA-0586

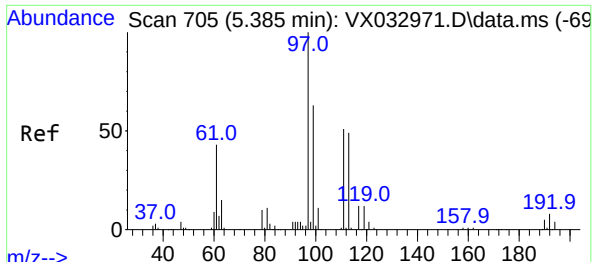
Tgt Ion: 65 Resp: 93295
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

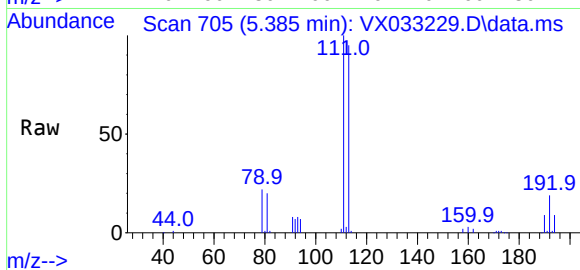
Tgt Ion: 114 Resp: 301162
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 15.2 0.0 33.4





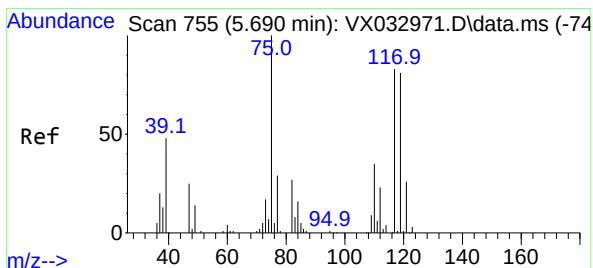
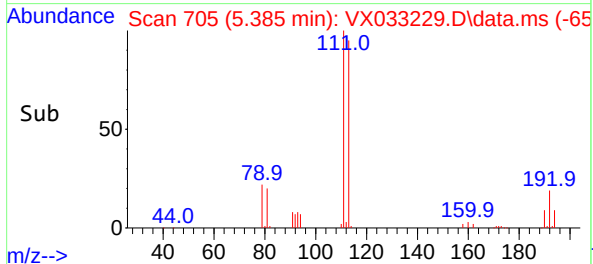
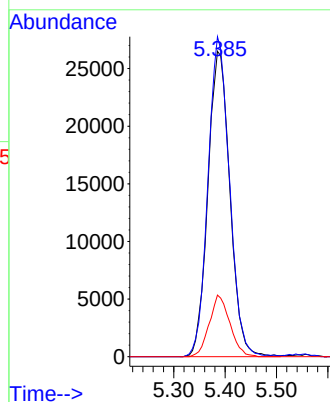
#35
Dibromofluoromethane
Concen: 46.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-0586



Tgt Ion: 113 Resp: 78684

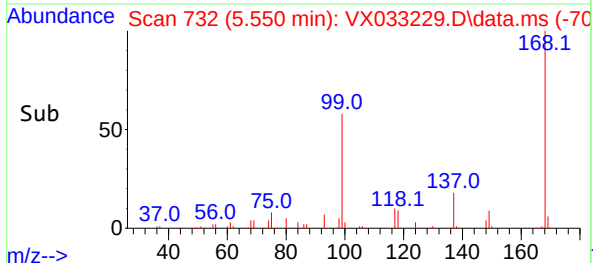
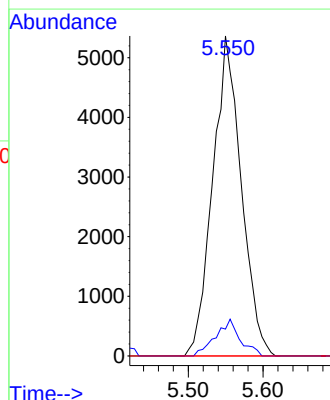
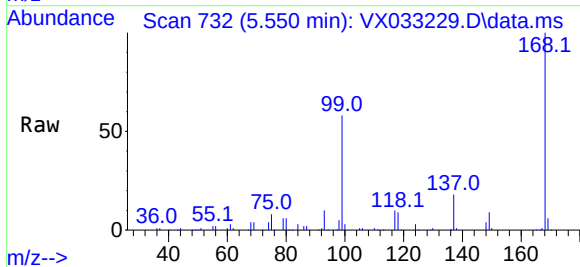
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	18.9	15.4	23.2

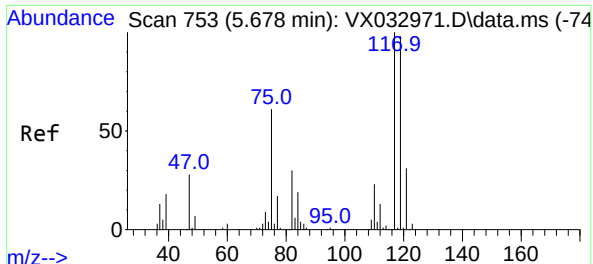


#36
1,1-Dichloropropene
Concen: 5.244 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

Tgt Ion: 75 Resp: 14236

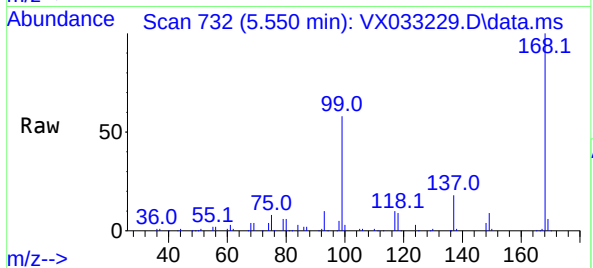
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.4	55.2#
77	0.0	24.5	36.7#



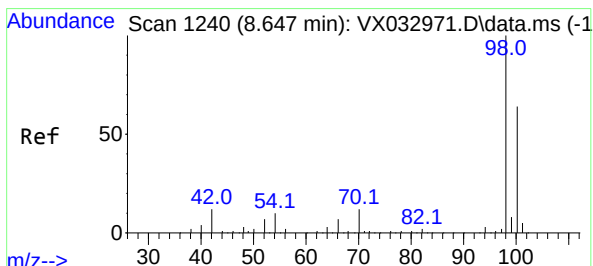
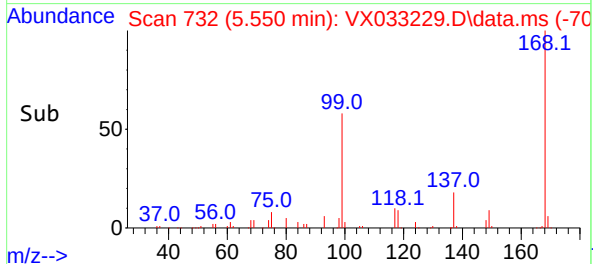
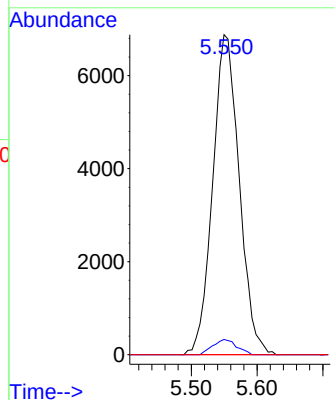


#38
Carbon Tetrachloride
Concen: 6.412 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

Instrument :
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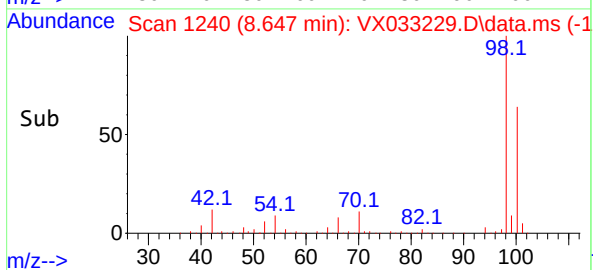
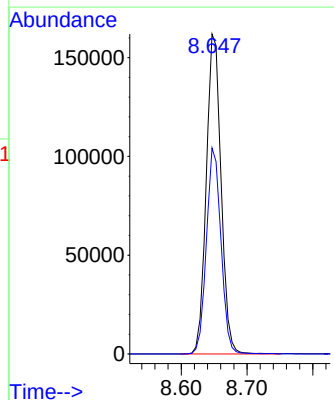
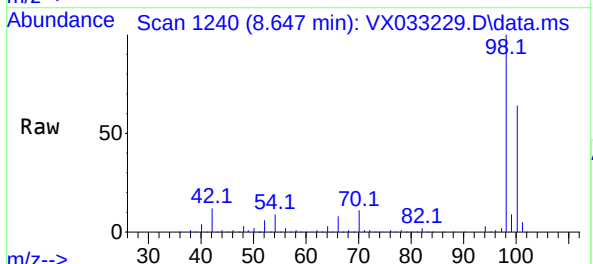


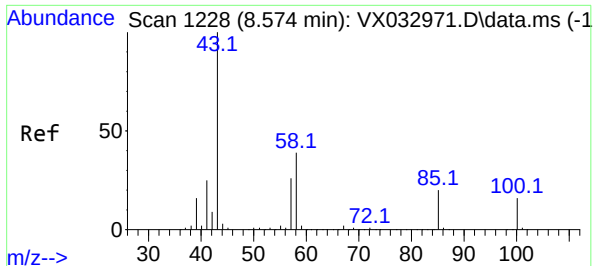
Tgt Ion:117 Resp: 19309
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.523 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

Tgt Ion: 98 Resp: 253092
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

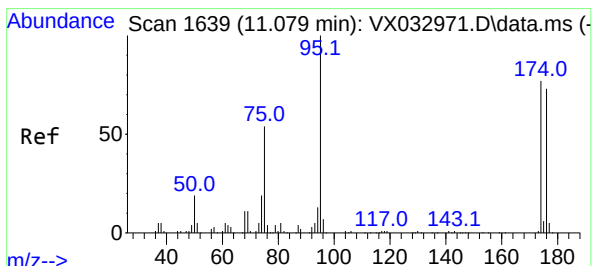
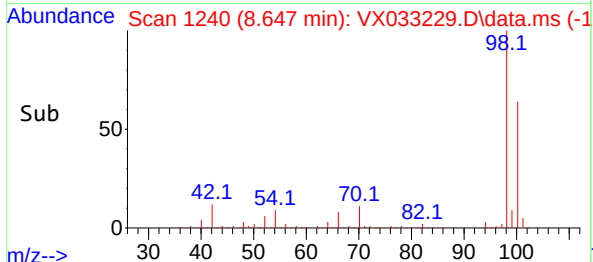
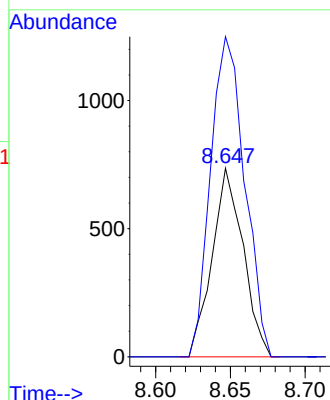
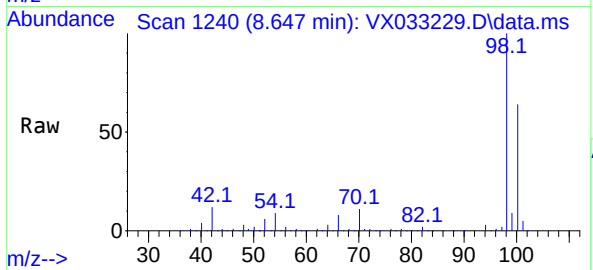




#51
4-Methyl-2-Pentanone
Concen: 0.439 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

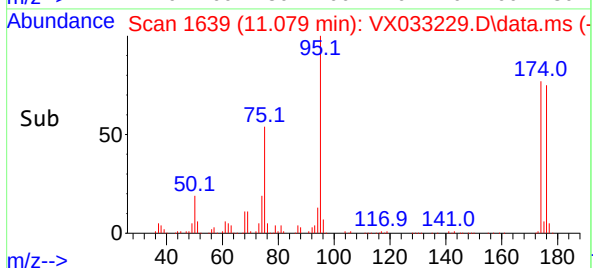
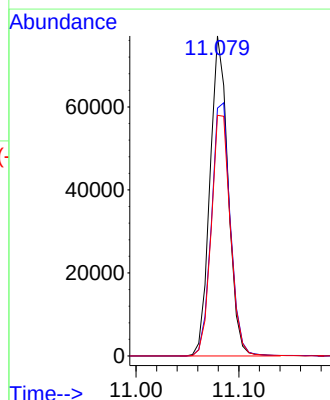
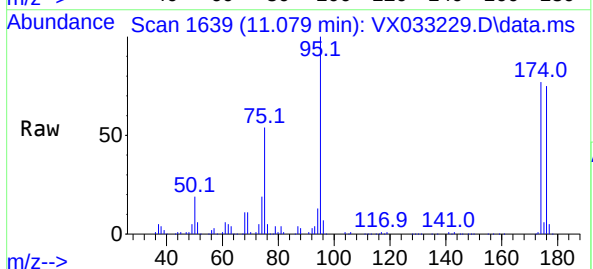
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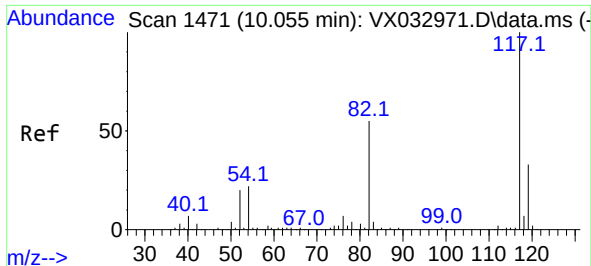
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 186.8 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 42.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

Tgt Ion: 95 Resp: 94608
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 79.4 0.0 154.4

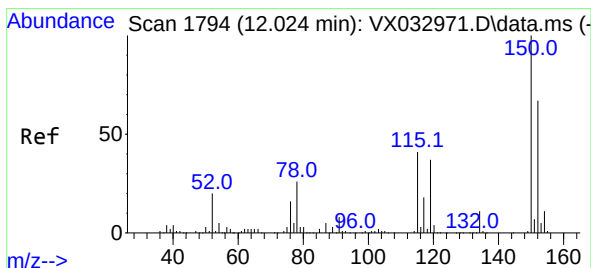
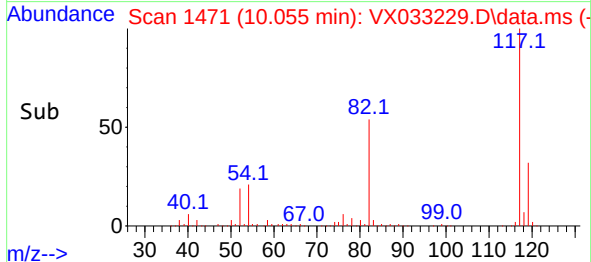
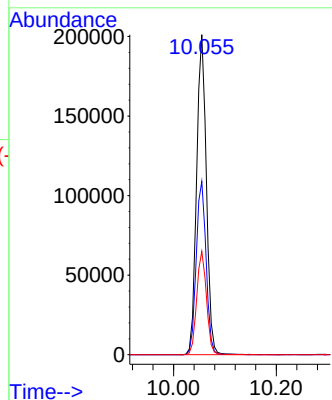
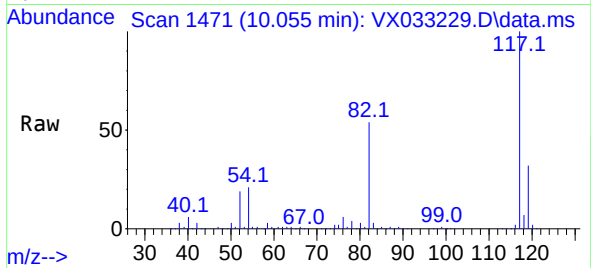




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

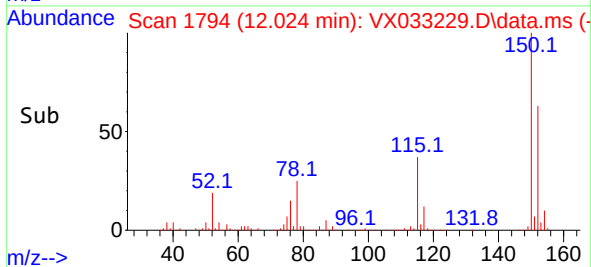
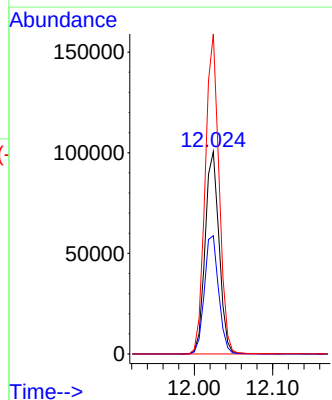
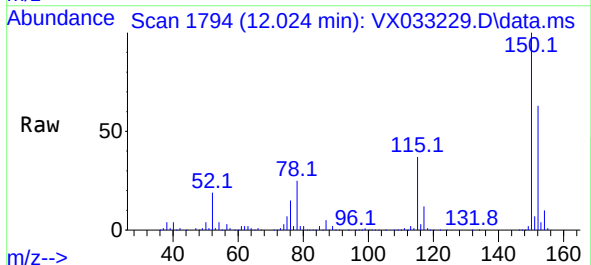
Instrument :
MSVOA_X
ClientSampleId :
ORA-0586

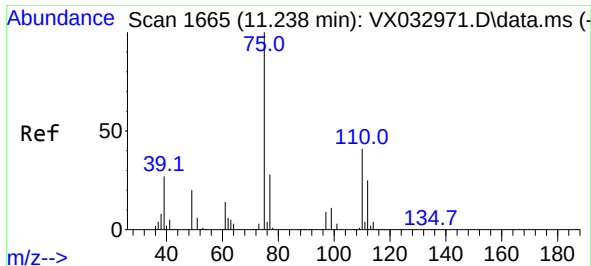
Tgt Ion:117 Resp: 265490
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

Tgt Ion:152 Resp: 124168
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 157.1 0.0 351.8

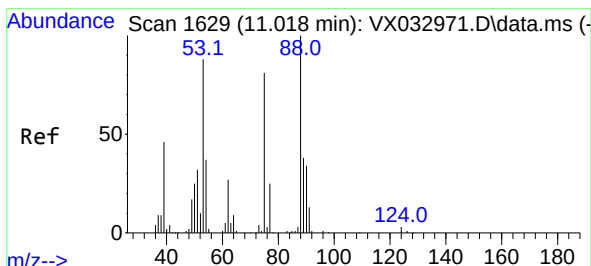
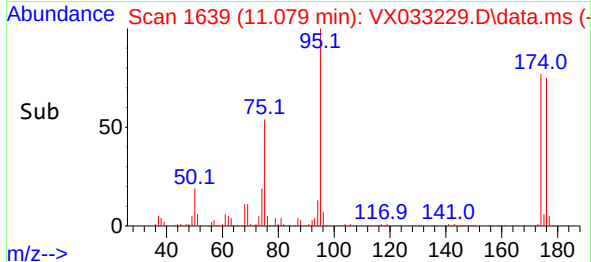
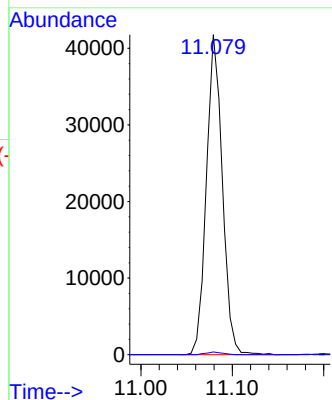
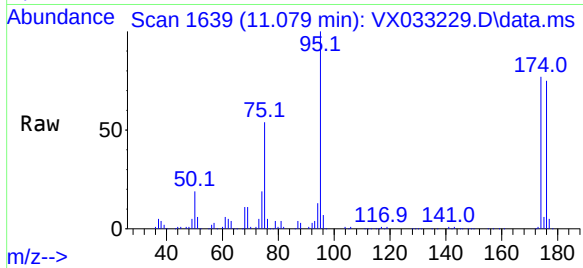




#76
1,2,3-Trichloropropane
Concen: 21.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

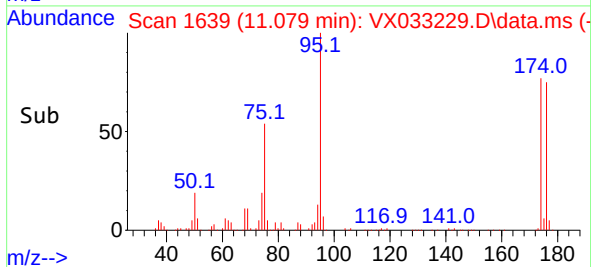
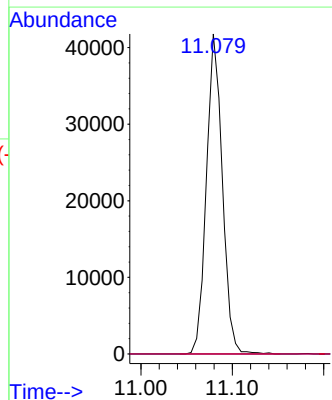
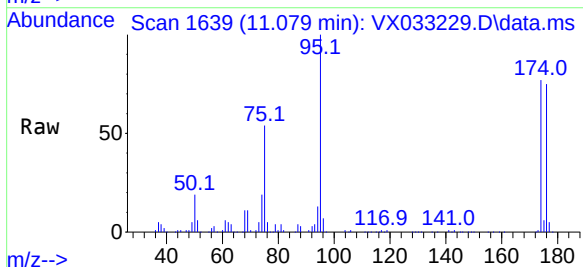
Instrument :
MSVOA_X
ClientSampleId :
ORA-0586

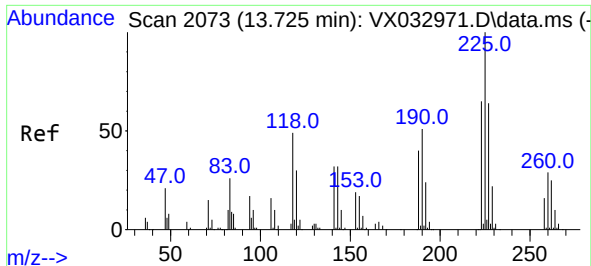
Tgt Ion: 75 Resp: 50395
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033229.D
Acq: 05 Dec 2022 16:37

Tgt Ion: 75 Resp: 50395
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#94

Hexachlorobutadiene

Concen: 0.344 ug/l

RT: 13.719 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX033229.D

Acq: 05 Dec 2022 16:37

Instrument :

MSVOA_X

ClientSampleId :

ORA-0586

Tgt Ion:225 Resp: 372

Ion Ratio Lower Upper

225 100

223 45.2 31.9 95.9

227 46.8 31.9 95.5

