

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031327.D
 Acq On : 14 Sep 2022 23:45
 Operator : JC/MD
 Sample : N4446-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-YRE

Quant Time: Sep 15 06:08:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

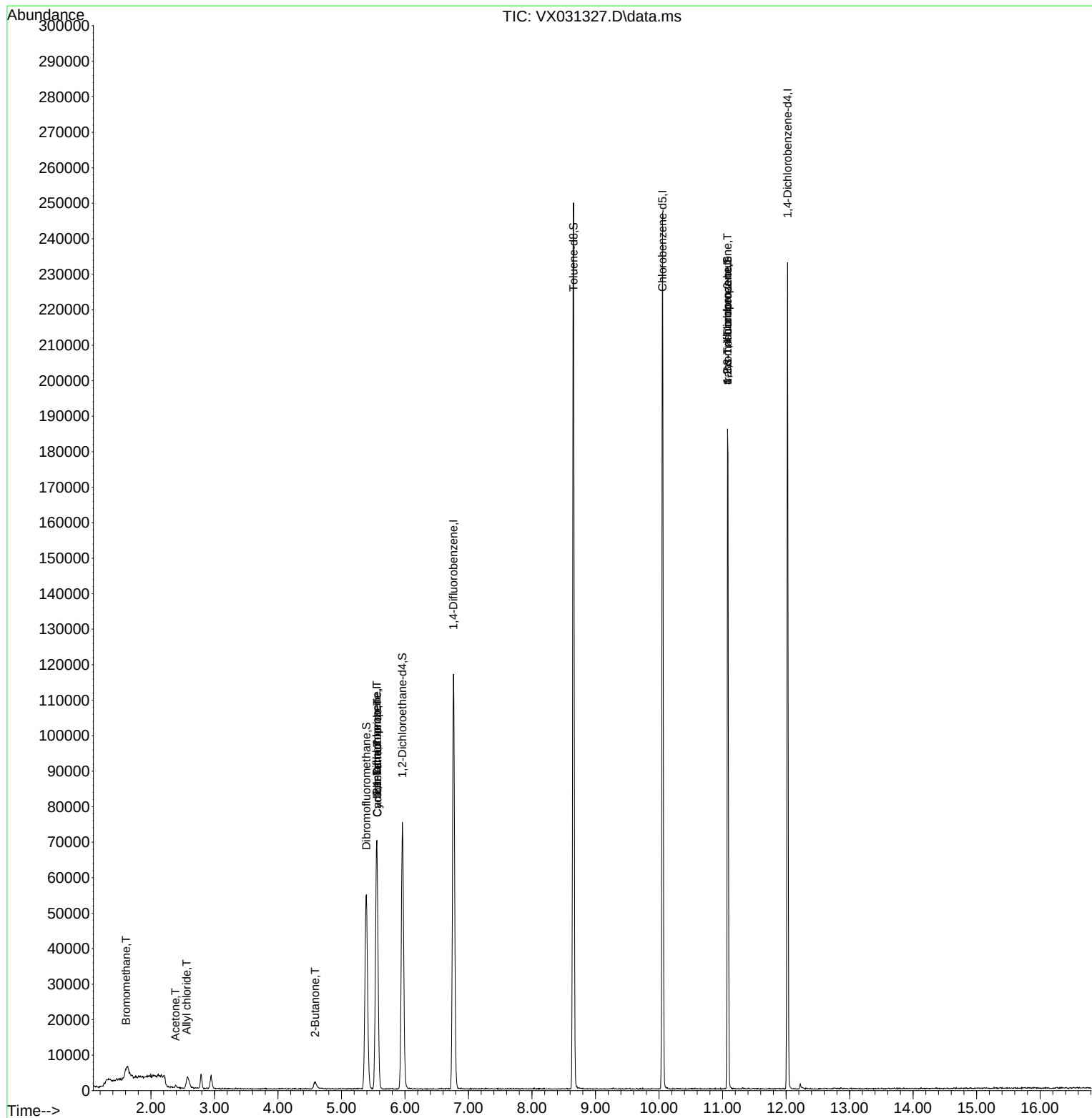
Internal Standards						
1) Pentafluorobenzene	5.556	168	60887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69422	46.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.900%
35) Dibromofluoromethane	5.391	113	46580	39.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.960%
50) Toluene-d8	8.652	98	142475	32.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	64.380%#
62) 4-Bromofluorobenzene	11.079	95	46180	28.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	56.980%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	105	Below Cal	#	41
5) Bromomethane	1.605	94	271	0.340	ug/l #	11
11) Tert butyl alcohol	2.946	59	1996	Below Cal	#	73
14) Allyl chloride	2.562	41	1032	0.550	ug/l #	76
16) Acetone	2.385	43	1283	2.011	ug/l	92
20) Methylene Chloride	2.788	84	1700	Below Cal		89
21) trans-1,2-Dichloroethene	3.086	96	50	Below Cal	#	1
25) 2-Butanone	4.586	43	361	0.343	ug/l #	49
31) Cyclohexane	5.562	56	1800	1.121	ug/l #	63
36) 1,1-Dichloropropene	5.556	75	5704	3.532	ug/l #	49
38) Carbon Tetrachloride	5.562	117	6484	3.694	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	27349	26.549	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	27349	73.462	ug/l #	11

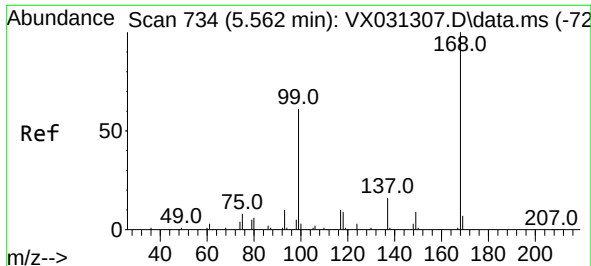
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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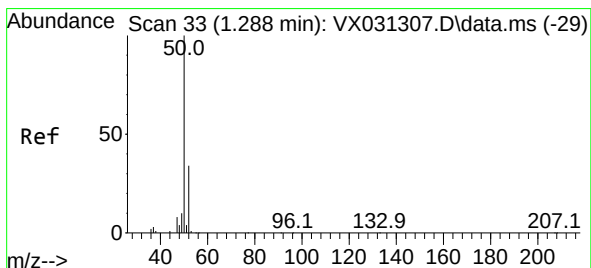
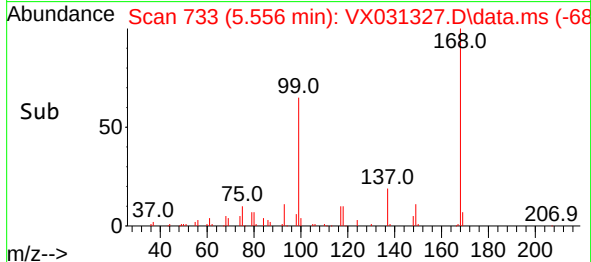
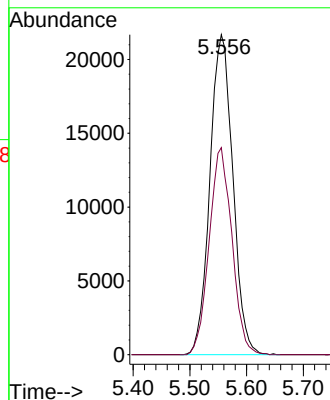
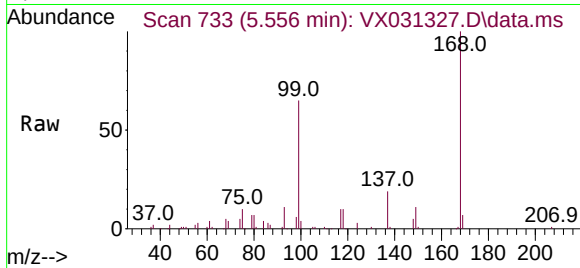




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

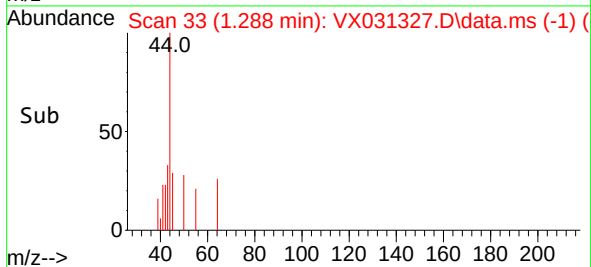
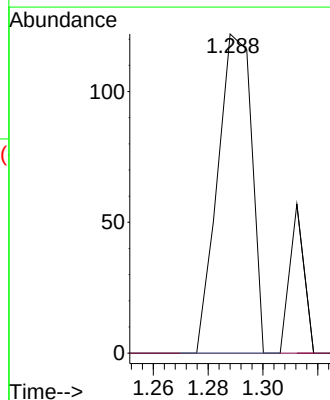
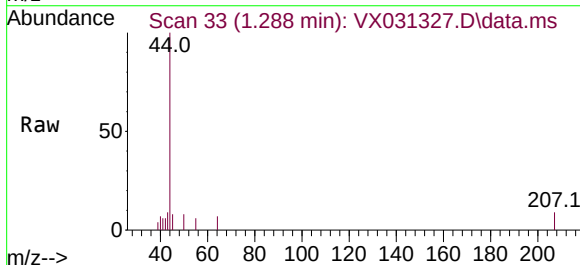
Instrument :
MSVOA_X
ClientSampleId :
DUP-YRE

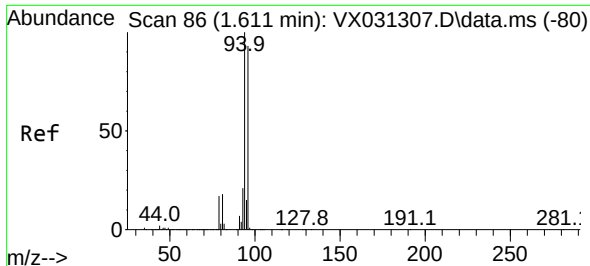
Tgt Ion:168 Resp: 60887
Ion Ratio Lower Upper
168 100
99 64.7 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 50 Resp: 105
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

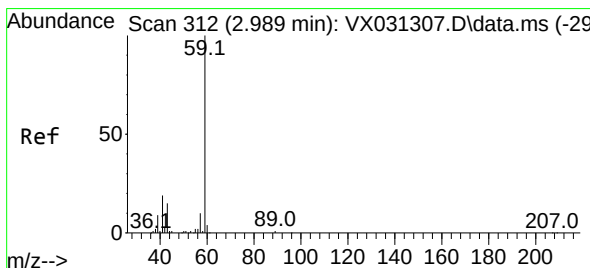
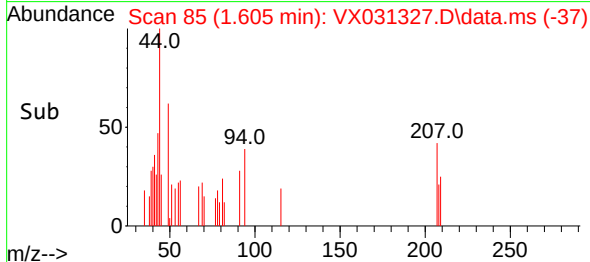
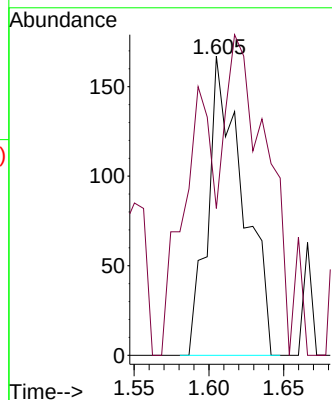
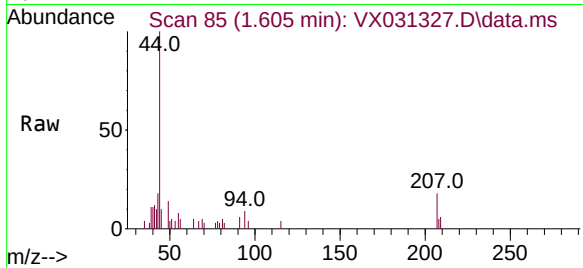




#5
Bromomethane
Concen: 0.340 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

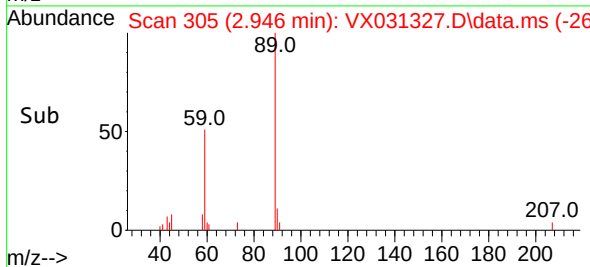
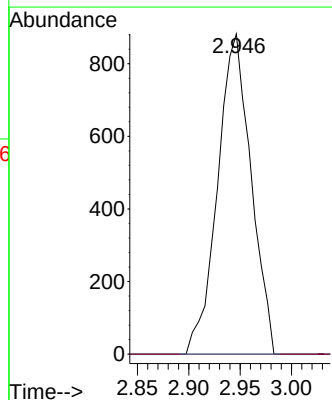
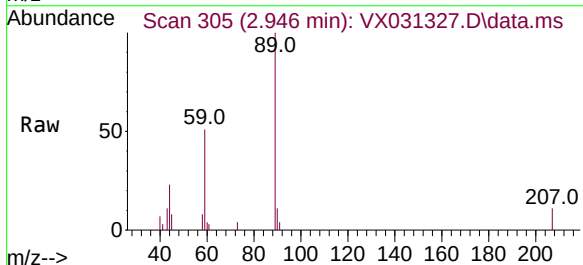
Instrument :
MSVOA_X
ClientSampleId :
DUP-YRE

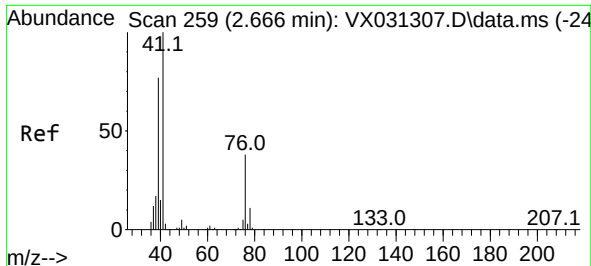
Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 7.8 74.4 111.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 59 Resp: 1996
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

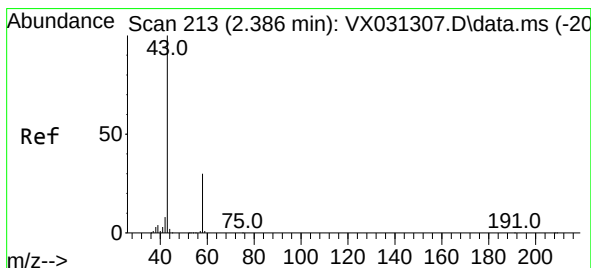
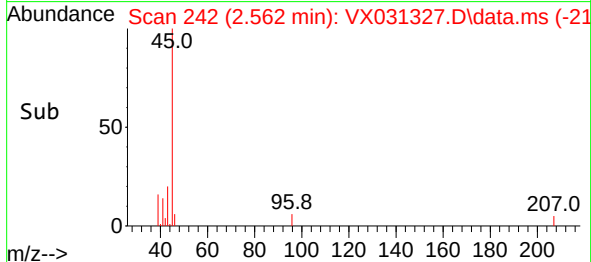
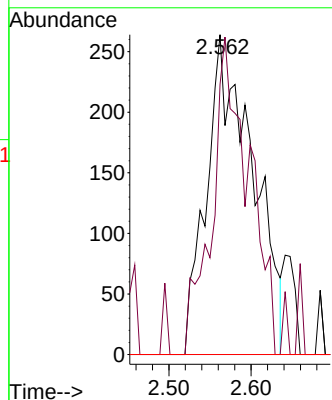
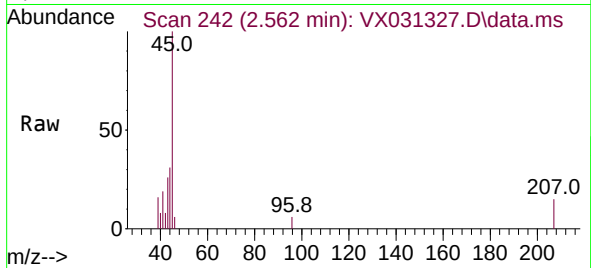




#14
Allyl chloride
Concen: 0.550 ug/l
RT: 2.562 min Scan# 242
Delta R.T. -0.104 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

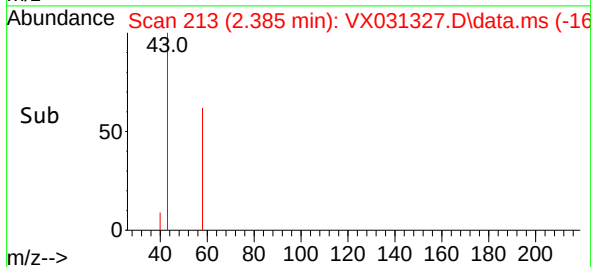
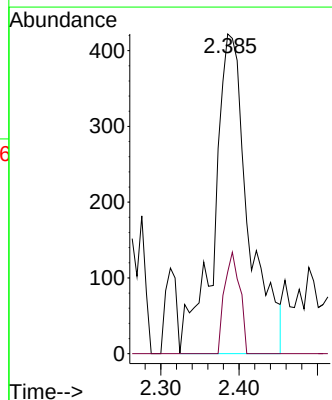
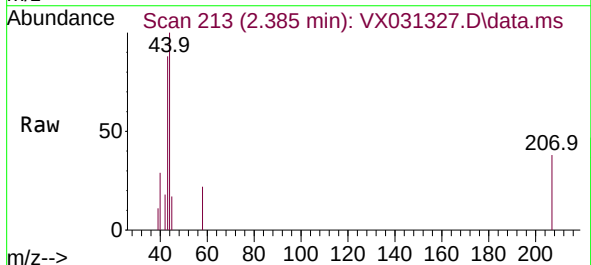
Instrument :
MSVOA_X
ClientSampleId :
DUP-YRE

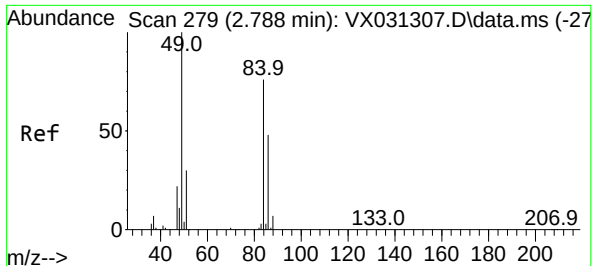
Tgt Ion: 41 Resp: 1032
Ion Ratio Lower Upper
41 100
39 79.8 58.2 87.4
76 0.0 26.9 40.3#



#16
Acetone
Concen: 2.011 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.8



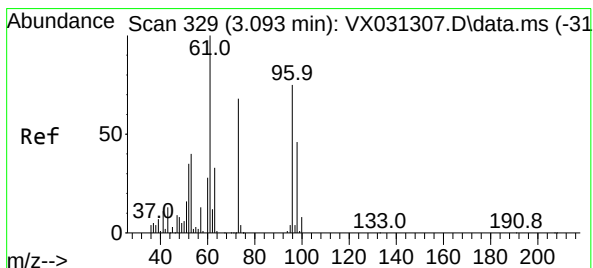
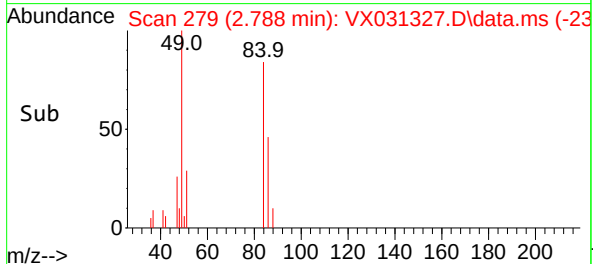
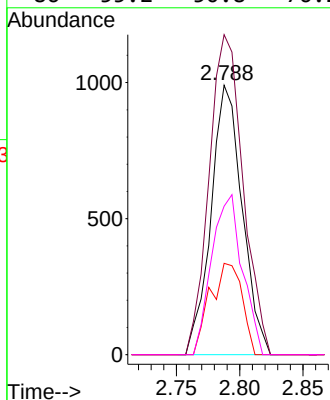
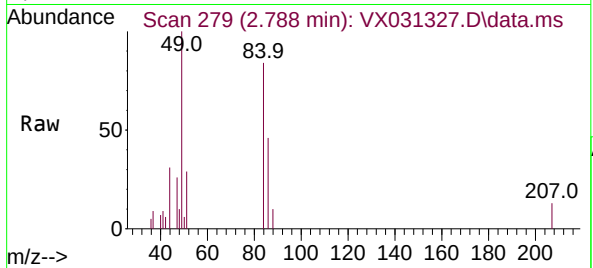


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

Instrument :
MSVOA_X
ClientSampleId :
DUP-YRE

Tgt Ion: 84 Resp: 1700

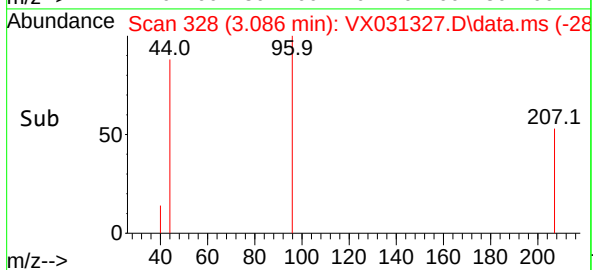
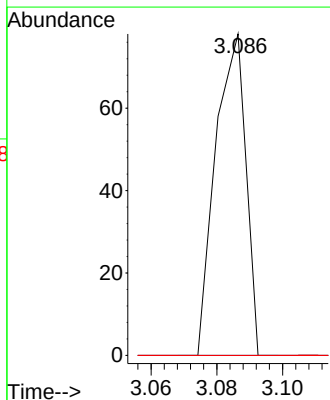
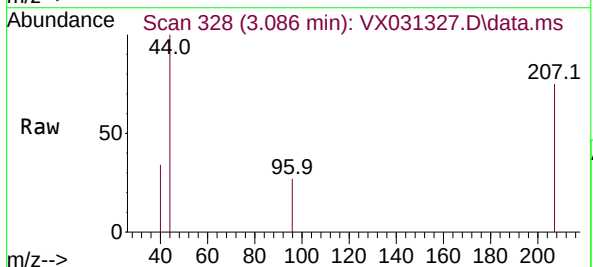
Ion	Ratio	Lower	Upper
84	100		
49	118.8	105.9	158.9
51	33.9	32.2	48.2
86	55.2	50.8	76.2

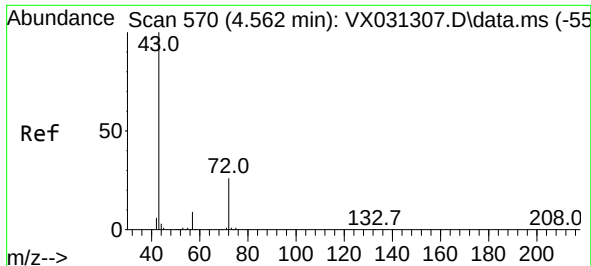


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.086 min Scan# 328
Delta R.T. -0.007 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 96 Resp: 50

Ion	Ratio	Lower	Upper
96	100		
61	0.0	106.7	160.1#
98	0.0	48.7	73.1#

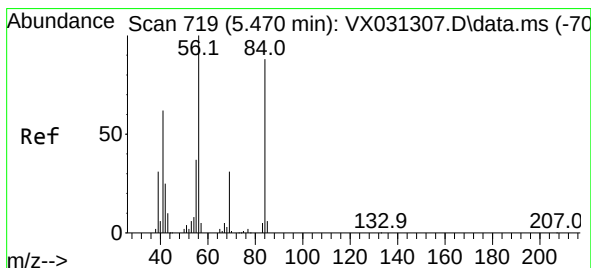
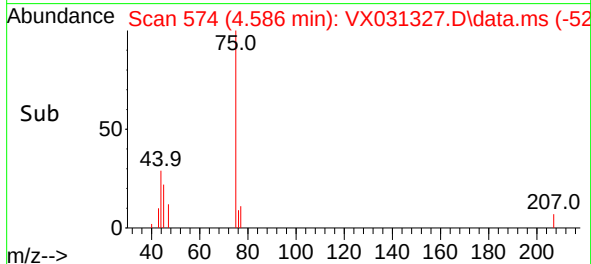
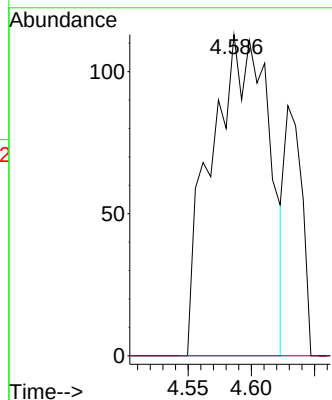
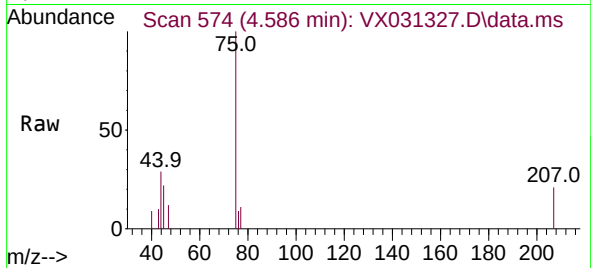




#25
2-Butanone
Concen: 0.343 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

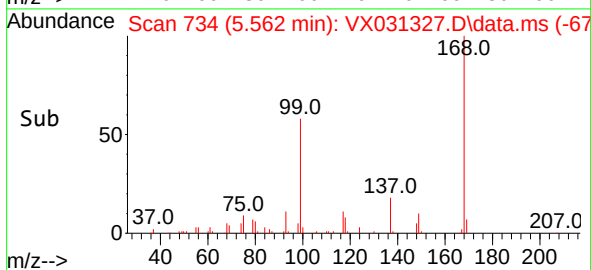
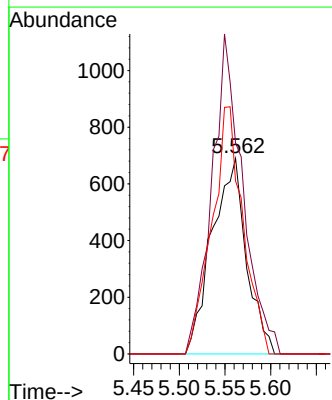
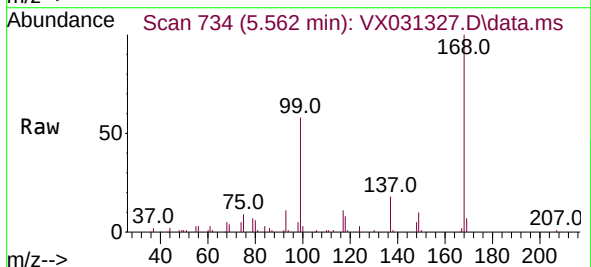
Instrument :
MSVOA_X
ClientSampleId :
DUP-YRE

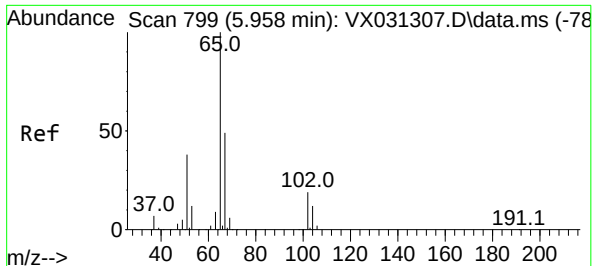
Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 56 Resp: 1800
Ion Ratio Lower Upper
56 100
69 107.8 25.1 37.7#
84 88.4 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 46.452 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031327.D

Acq: 14 Sep 2022 23:45

Instrument :

MSVOA_X

ClientSampleId :

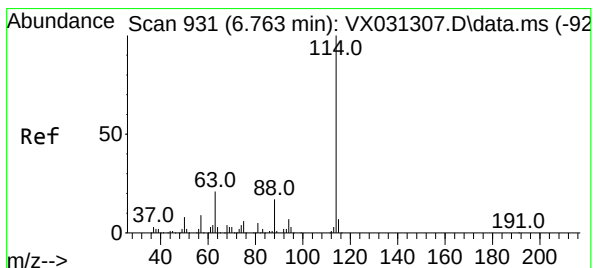
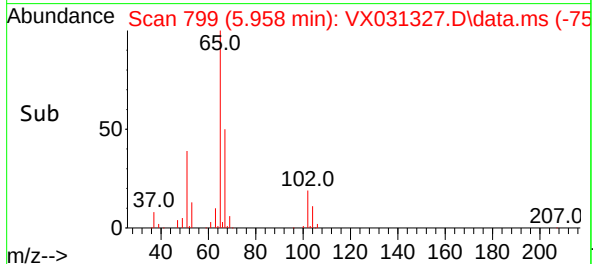
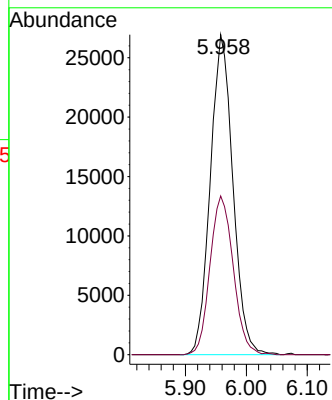
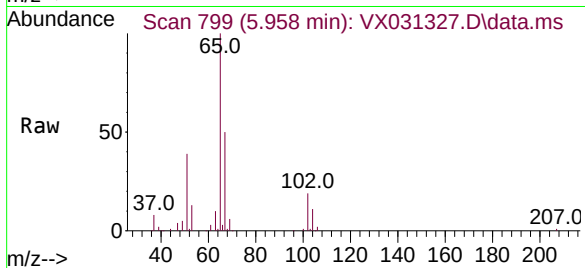
DUP-YRE

Tgt Ion: 65 Resp: 69422

Ion Ratio Lower Upper

65 100

67 51.0 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: VX031327.D

Acq: 14 Sep 2022 23:45

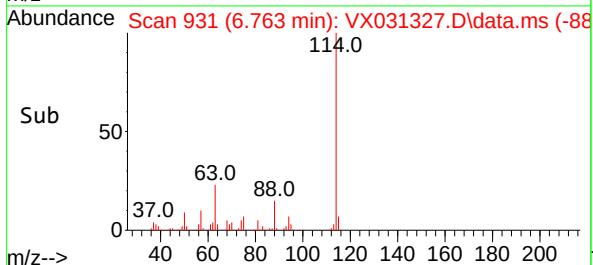
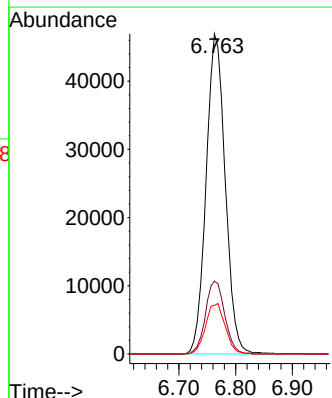
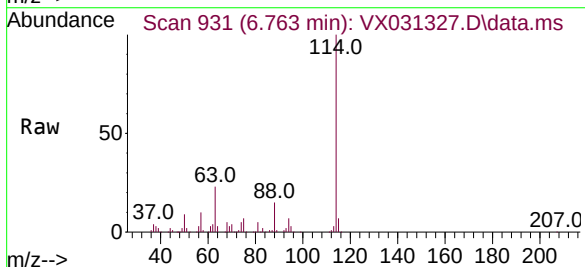
Tgt Ion: 114 Resp: 109765

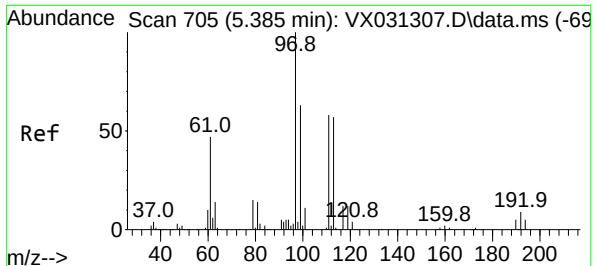
Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.6

88 15.2 0.0 33.0

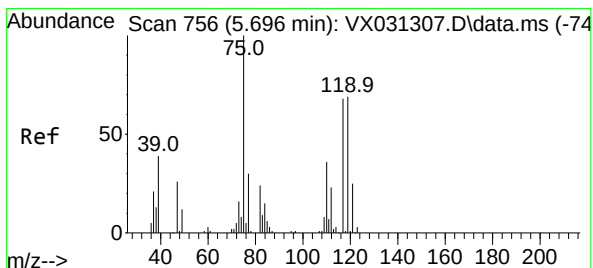
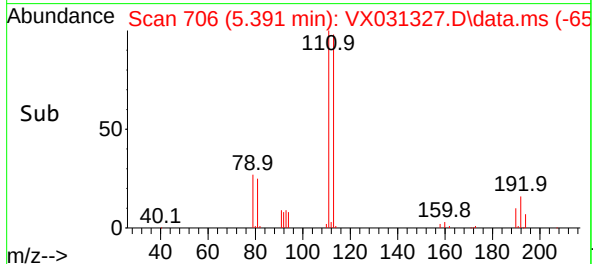
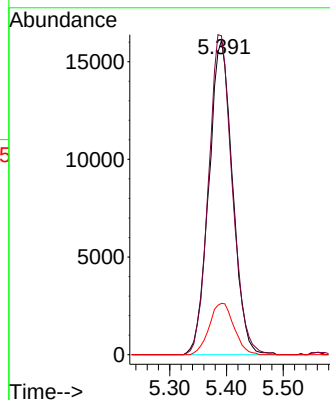
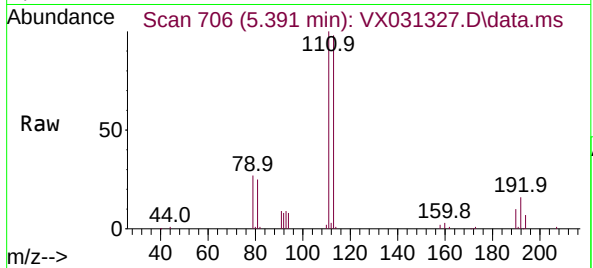




#35
 Dibromofluoromethane
 Concen: 39.478 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX031327.D
 Acq: 14 Sep 2022 23:45

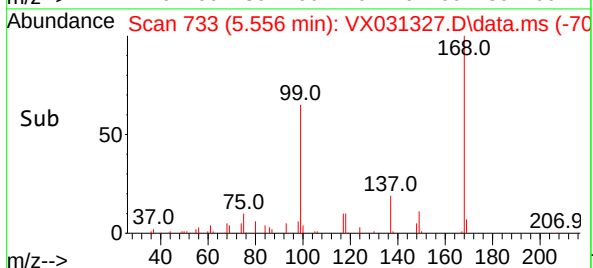
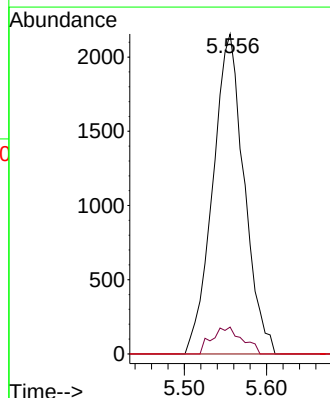
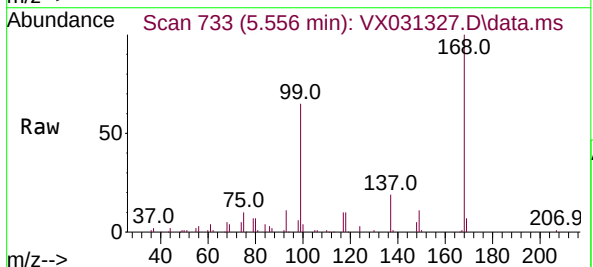
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-YRE

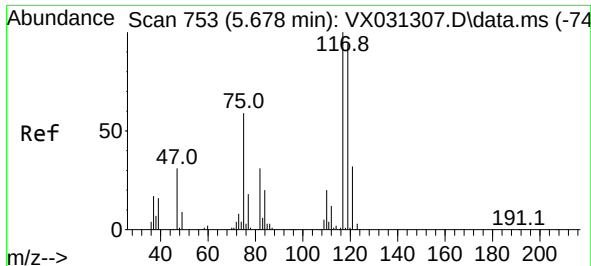
Tgt Ion:113 Resp: 46580
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.4 123.6
 192 17.0 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 3.532 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX031327.D
 Acq: 14 Sep 2022 23:45

Tgt Ion: 75 Resp: 5704
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.5 52.5#
 77 0.0 24.9 37.3#

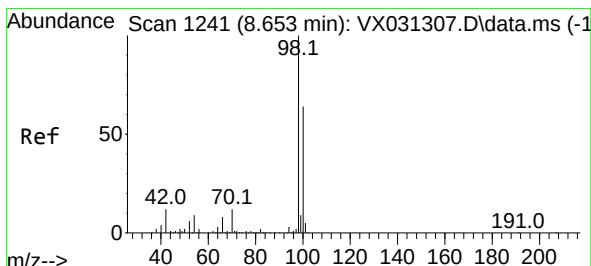
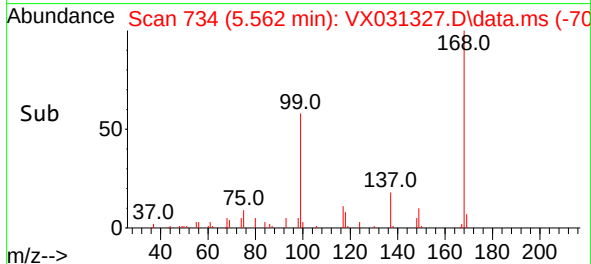
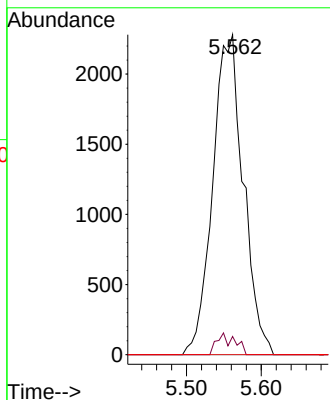
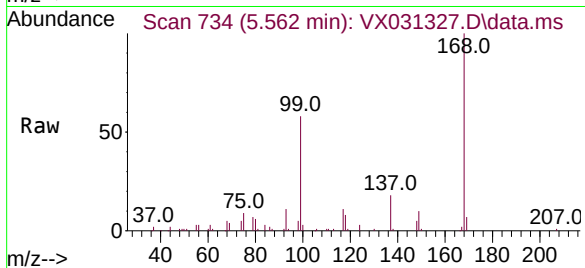




#38
Carbon Tetrachloride
Concen: 3.694 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

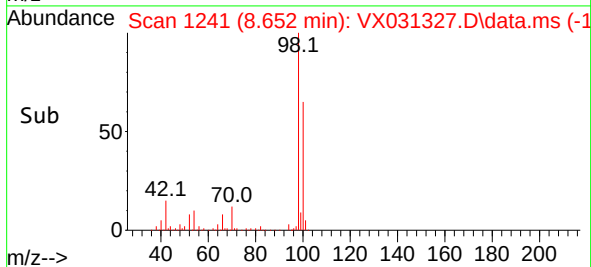
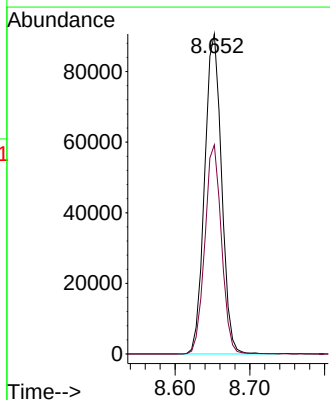
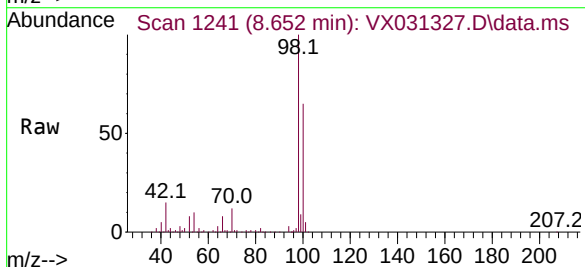
Instrument :
MSVOA_X
ClientSampleId :
DUP-YRE

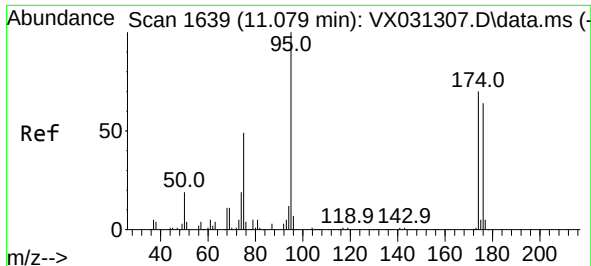
Tgt Ion:117 Resp: 6484
Ion Ratio Lower Upper
117 100
119 5.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 32.191 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 98 Resp: 142475
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

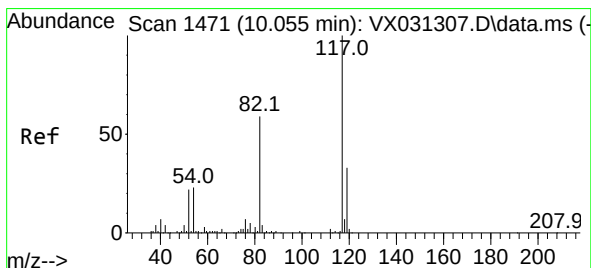
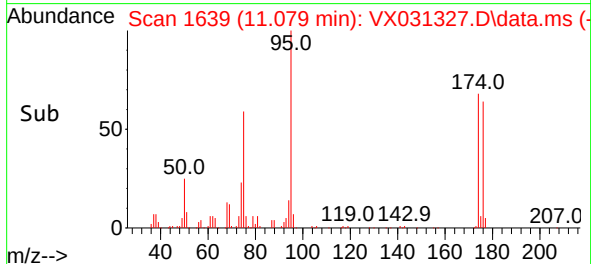
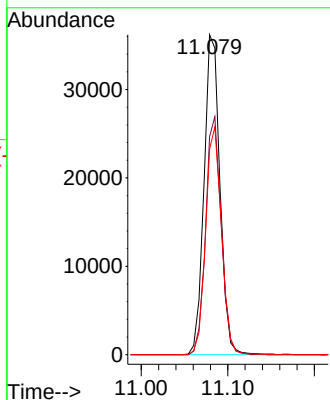
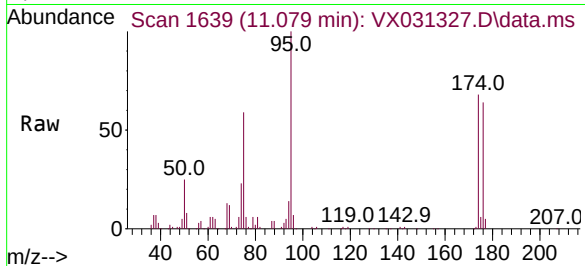




#62
4-Bromofluorobenzene
Concen: 28.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

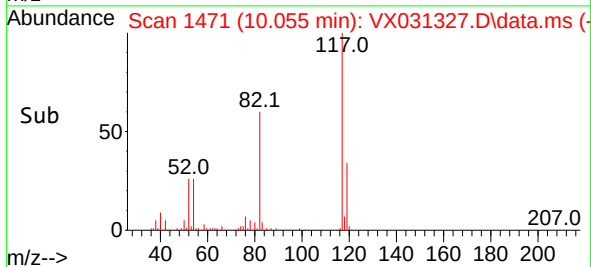
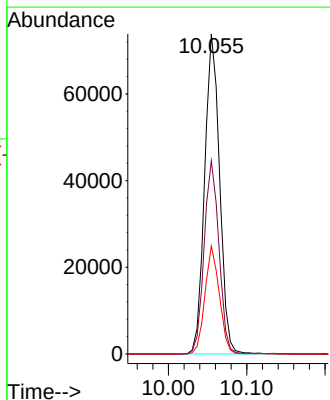
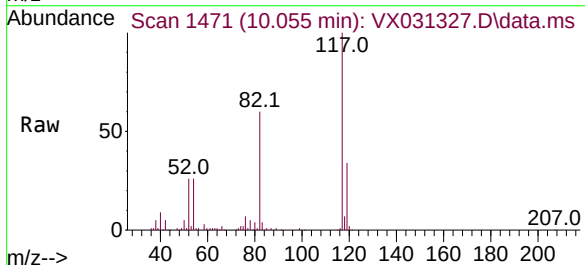
Instrument :
MSVOA_X
ClientSampleId :
DUP-YRE

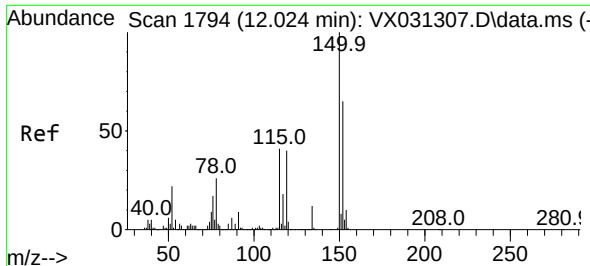
Tgt Ion: 95 Resp: 46180
Ion Ratio Lower Upper
95 100
174 72.7 0.0 153.2
176 70.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031327.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 117 Resp: 97875
Ion Ratio Lower Upper
117 100
82 60.4 46.8 70.2
119 33.7 26.4 39.6

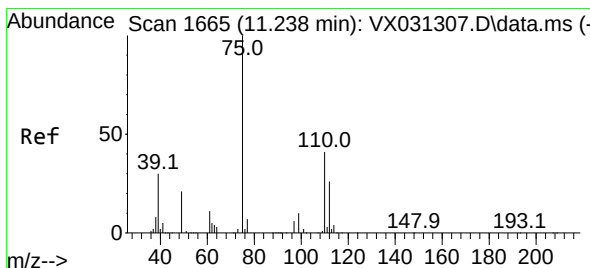
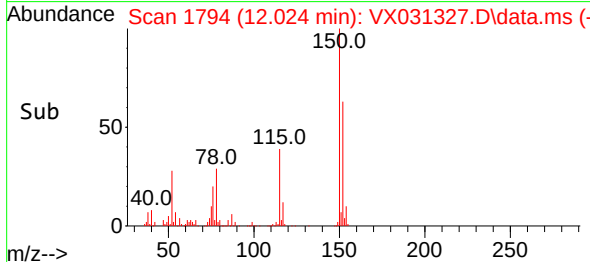
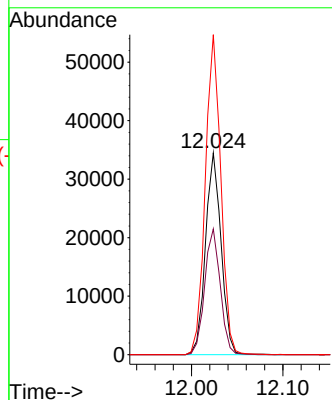
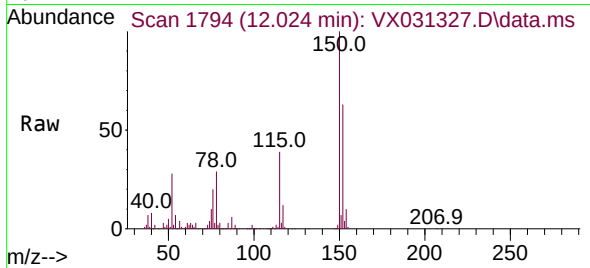




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031327.D
 Acq: 14 Sep 2022 23:45

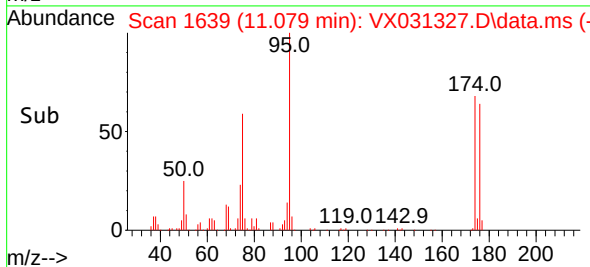
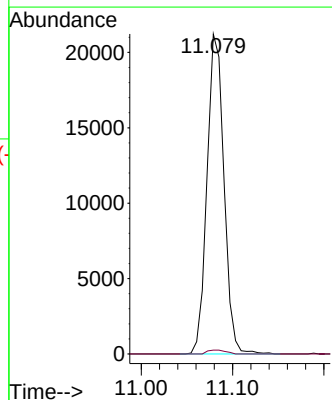
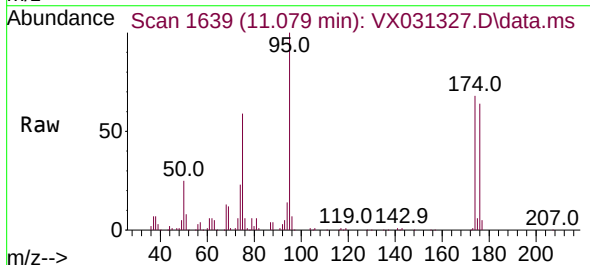
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-YRE

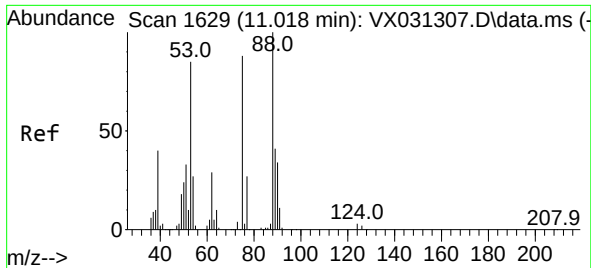
Tgt Ion:152 Resp: 40878
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.4 130.1
 150 157.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 26.549 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031327.D
 Acq: 14 Sep 2022 23:45

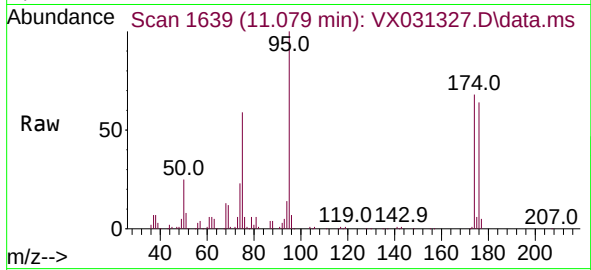
Tgt Ion: 75 Resp: 27349
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.462 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX031327.D
 Acq: 14 Sep 2022 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-YRE



Tgt Ion: 75 Resp: 27349
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

