

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022299.D
 Acq On : 01 Jun 2021 18:34
 Operator : JC/MD
 Sample : M2545-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 04BR-20210526DL

Quant Time: Jun 02 03:23:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

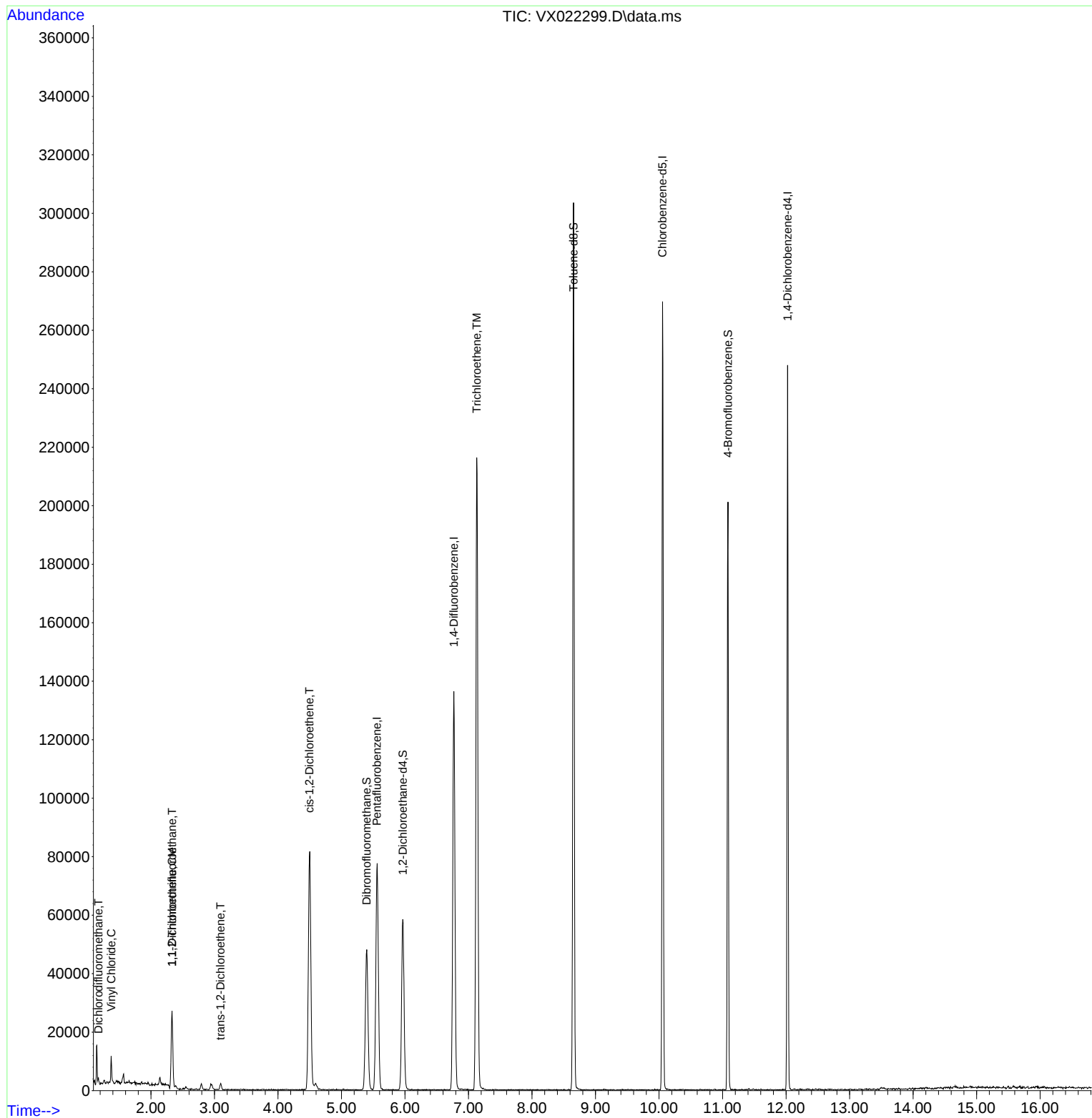
Internal Standards						
1) Pentafluorobenzene	5.556	168	65646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54616	53.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.86%
35) Dibromofluoromethane	5.397	113	42269	48.73	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.46%
50) Toluene-d8	8.653	98	169006	50.58	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.16%
62) 4-Bromofluorobenzene	11.085	95	57317	46.41	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.82%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	1203	1.51	ug/l	94
4) Vinyl Chloride	1.374	62	4881	5.36	ug/l #	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	9935	12.77	ug/l	91
12) 1,1-Dichloroethene	2.331	96	743	0.99	ug/l #	69
21) trans-1,2-Dichloroethene	3.093	96	931	1.14	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	50538	50.78	ug/l	90
44) Trichloroethene	7.129	130	76506	79.11	ug/l	91

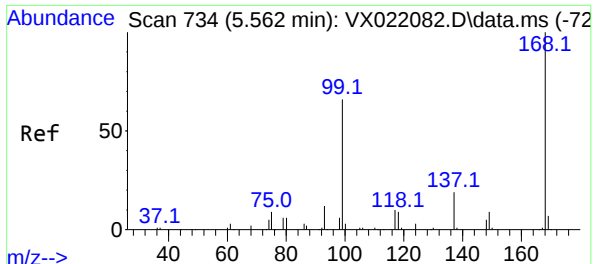
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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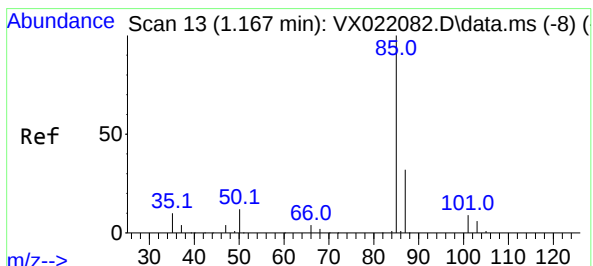
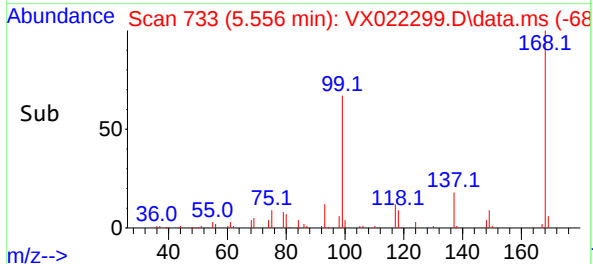
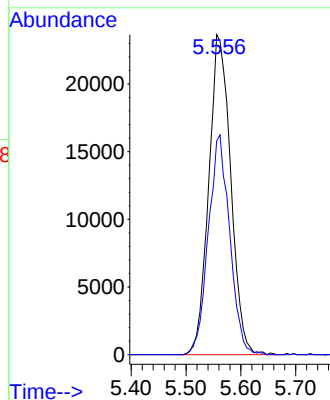
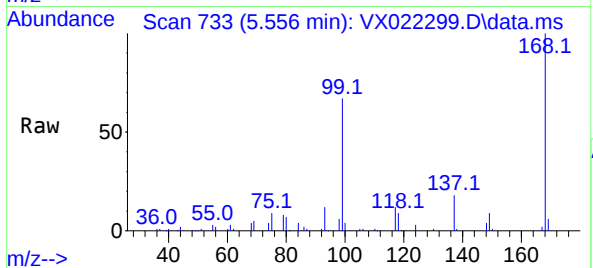




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

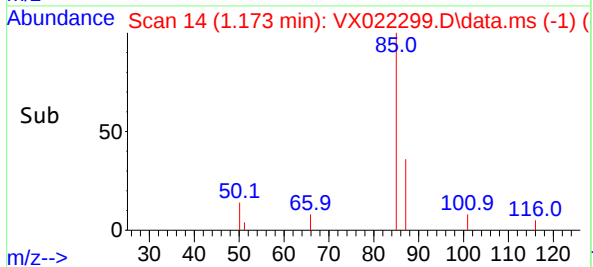
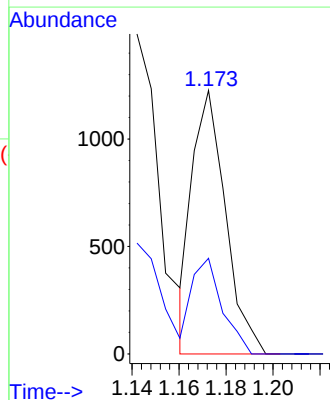
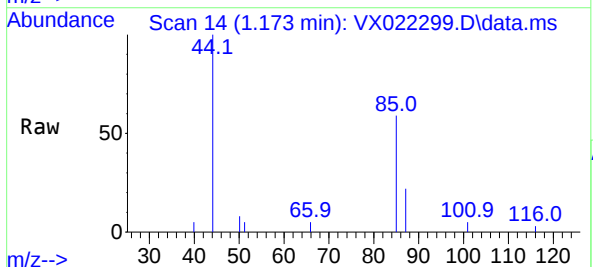
Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

Tgt Ion:168 Resp: 65646
Ion Ratio Lower Upper
168 100
99 66.8 45.8 68.6

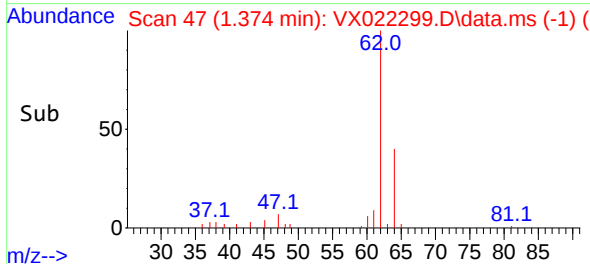
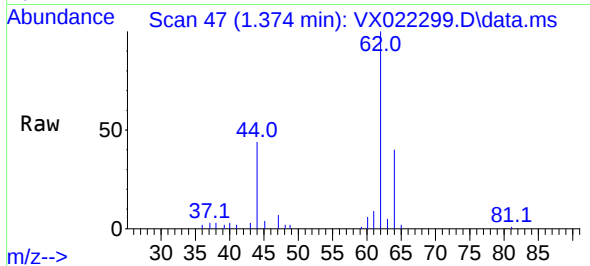
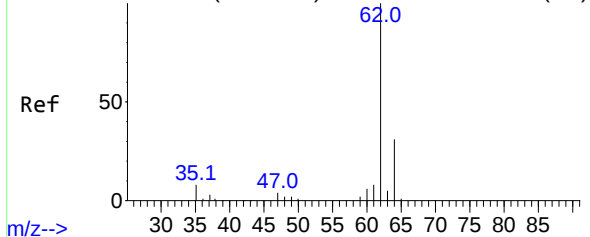


#2
Dichlorodifluoromethane
Concen: 1.51 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion: 85 Resp: 1203
Ion Ratio Lower Upper
85 100
87 36.3 16.4 49.2



Abundance Scan 47 (1.374 min): VX022082.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 5.36 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

Tgt Ion: 62 Resp: 4881

Ion Ratio Lower Upper

62 100

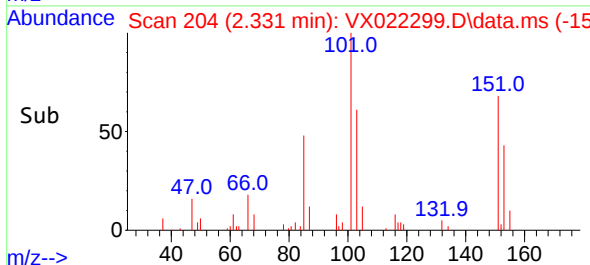
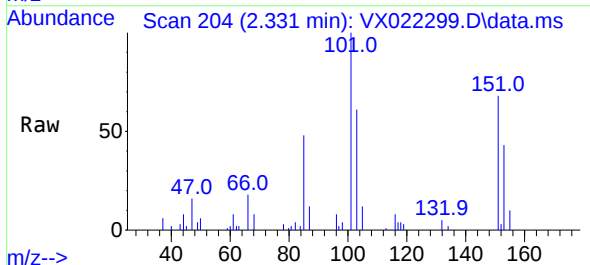
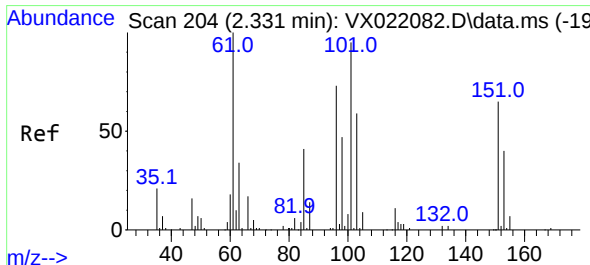
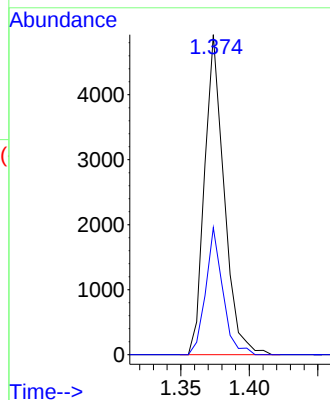
64 39.7 25.7 38.5#

Instrument :

MSVOA_X

ClientSampleId :

04BR-20210526DL



#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.77 ug/l

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

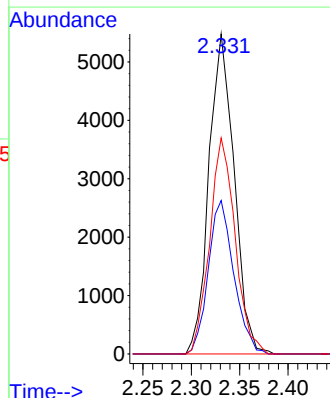
Tgt Ion:101 Resp: 9935

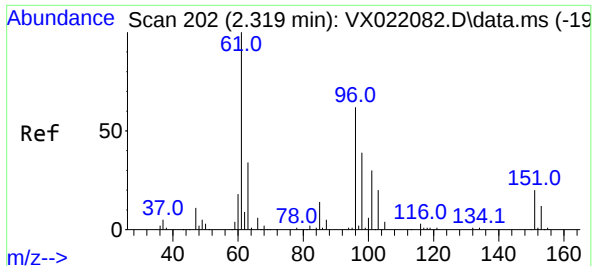
Ion Ratio Lower Upper

101 100

85 48.7 34.9 52.3

151 68.4 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.99 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.012 min

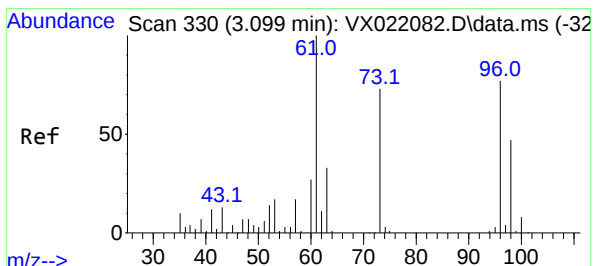
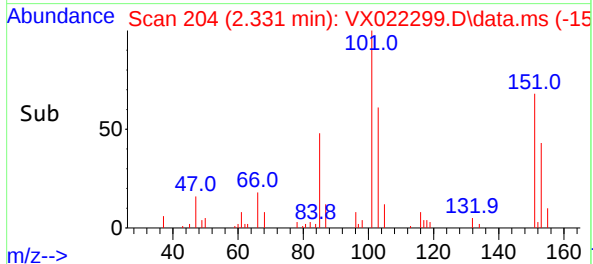
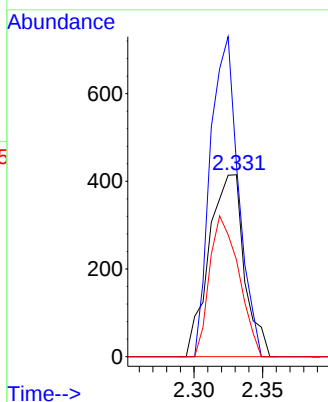
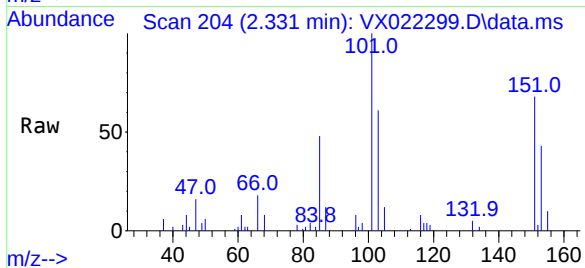
Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

Tgt Ion: 96 Resp: 743

Ion Ratio Lower Upper

96	100		
61	105.8	124.6	187.0#
98	53.3	50.6	76.0



#21

trans-1,2-Dichloroethene

Concen: 1.14 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.006 min

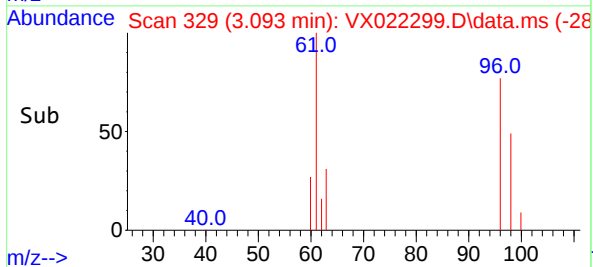
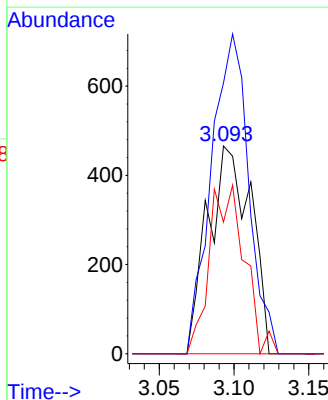
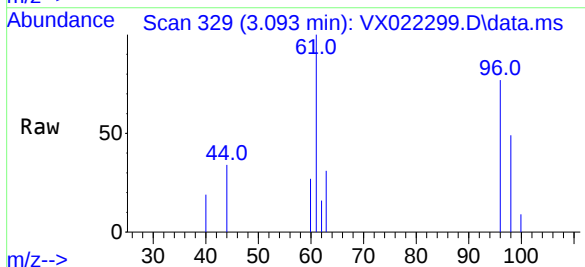
Lab File: VX022299.D

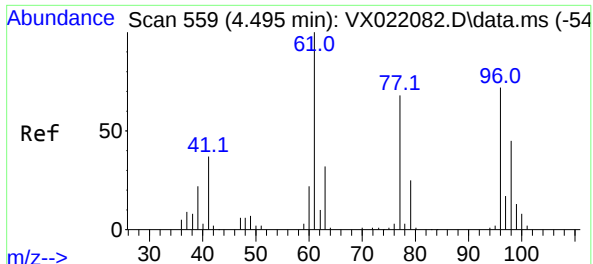
Acq: 01 Jun 2021 18:34

Tgt Ion: 96 Resp: 931

Ion Ratio Lower Upper

96	100		
61	130.3	107.7	161.5
98	63.3	50.4	75.6





#27

cis-1,2-Dichloroethene

Concen: 50.78 ug/l

RT: 4.495 min Scan# 559

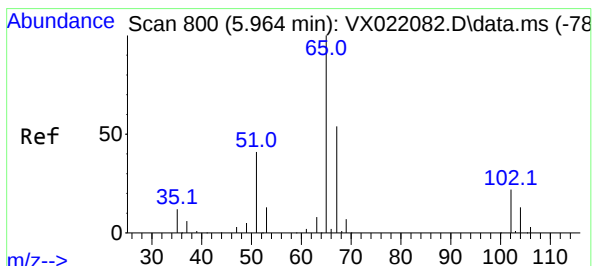
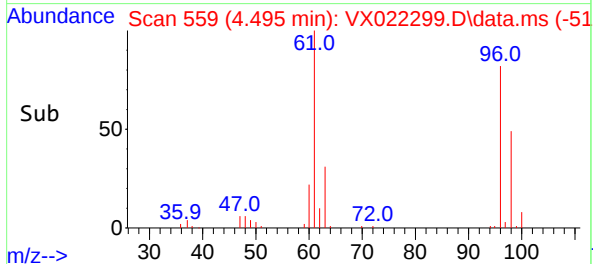
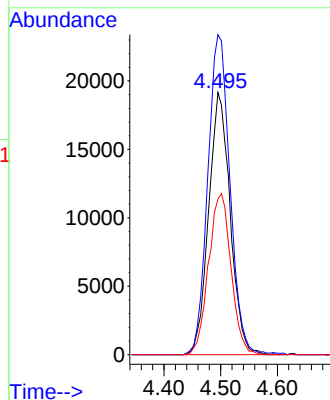
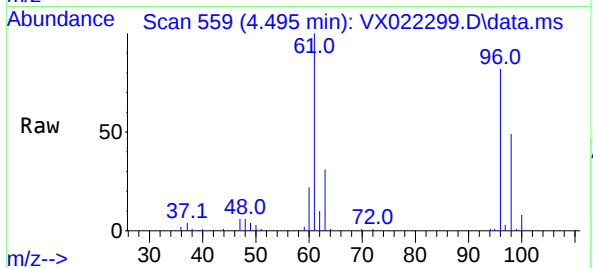
Delta R.T. 0.000 min

Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

Tgt Ion: 96 Resp: 50538

Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	285.6
98	64.0	0.0	129.6



#33

1,2-Dichloroethane-d4

Concen: 53.93 ug/l

RT: 5.964 min Scan# 800

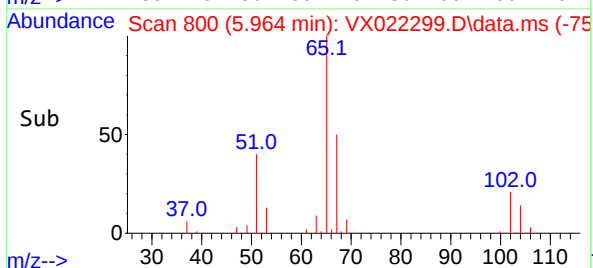
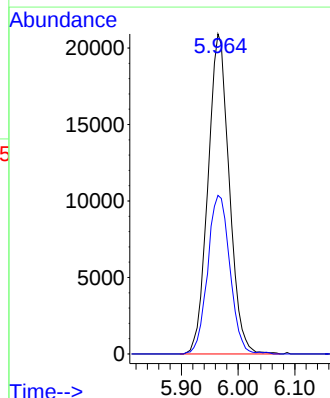
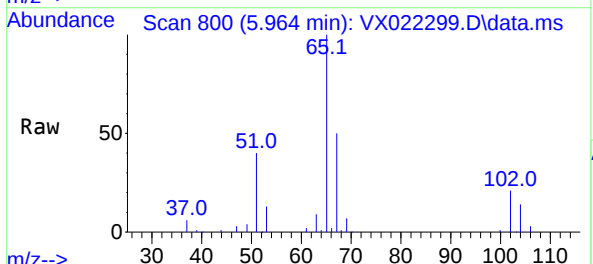
Delta R.T. 0.000 min

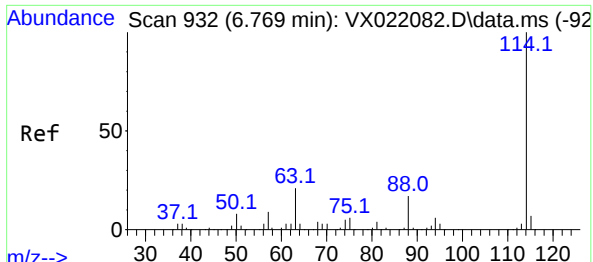
Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

Tgt Ion: 65 Resp: 54616

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.4



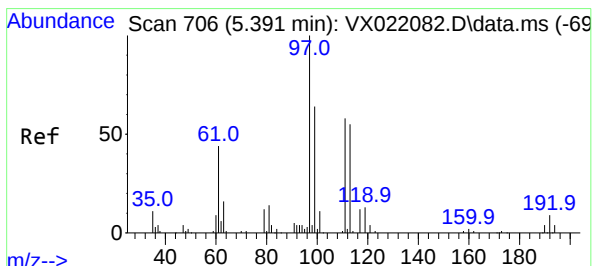
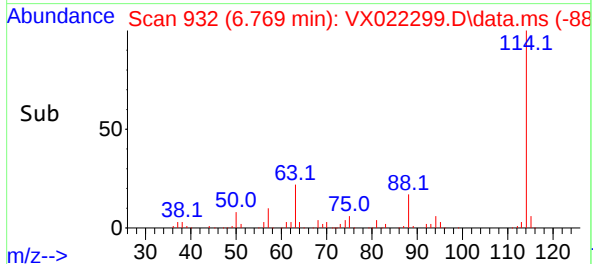
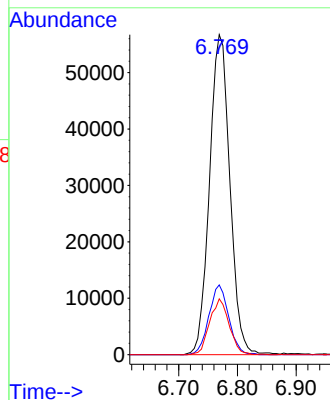
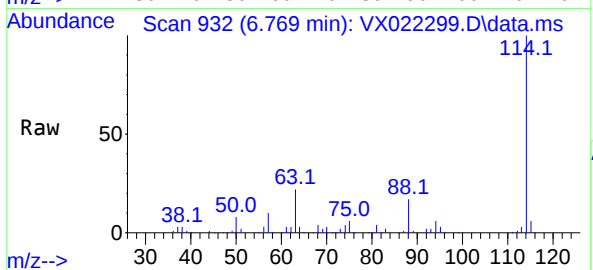


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

Tgt Ion:114 Resp: 136791

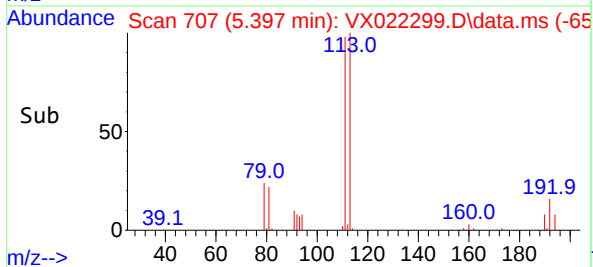
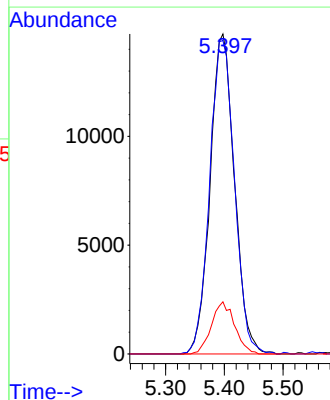
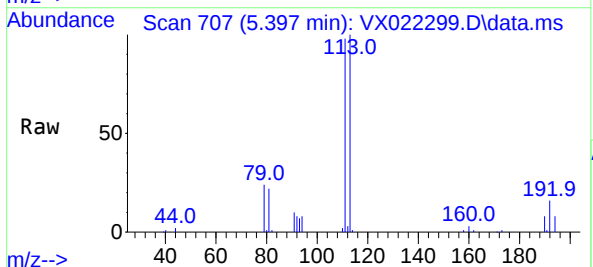
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.8
88	17.5	0.0	32.8

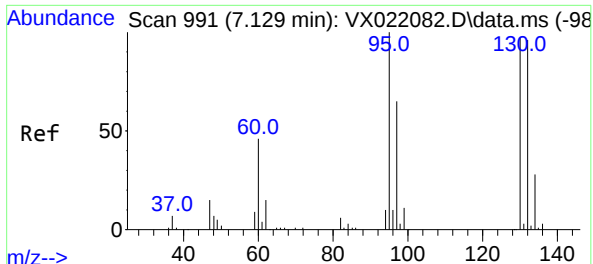


#35
Dibromofluoromethane
Concen: 48.73 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion:113 Resp: 42269

Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.9	122.9
192	15.5	16.7	25.1#

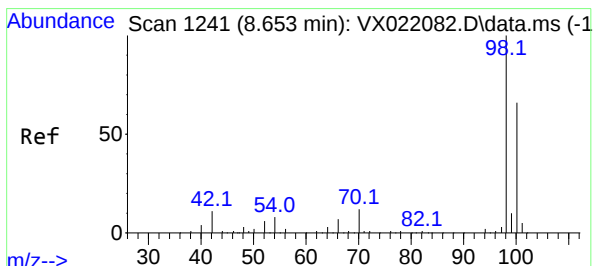
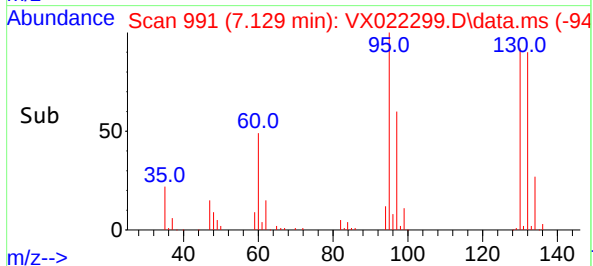
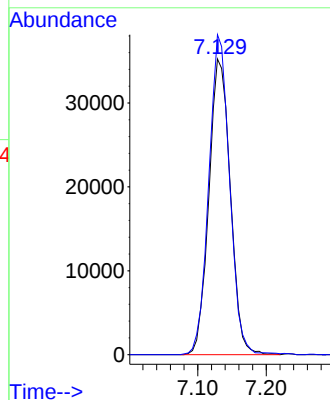
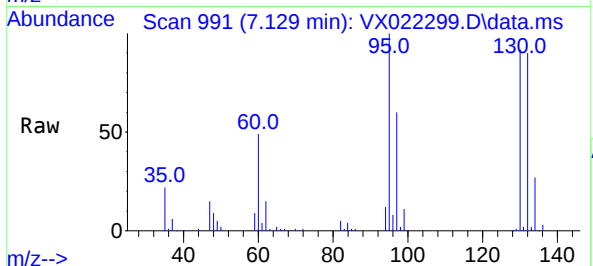




#44
Trichloroethene
Concen: 79.11 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

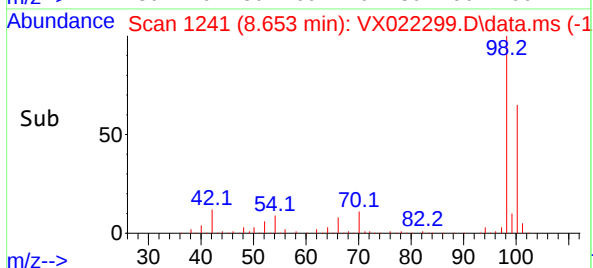
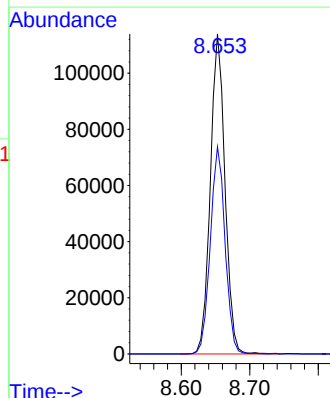
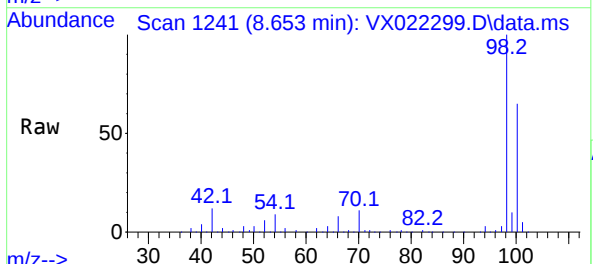
Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

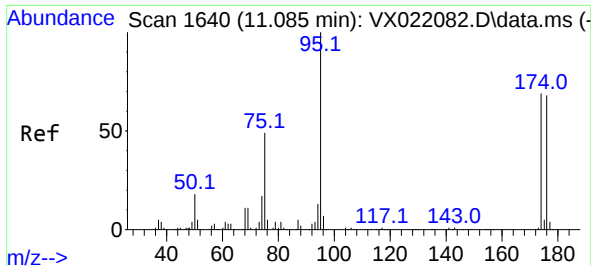
Tgt Ion:130 Resp: 76506
Ion Ratio Lower Upper
130 100
95 108.2 0.0 198.0



#50
Toluene-d8
Concen: 50.58 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion: 98 Resp: 169006
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



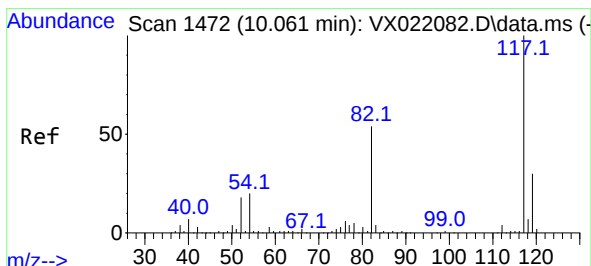
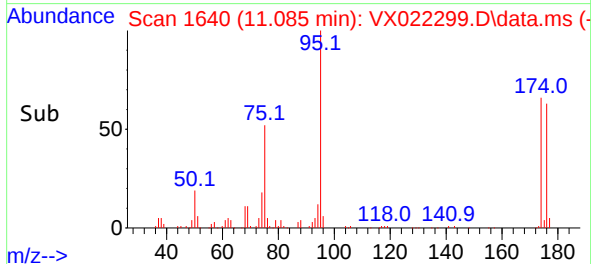
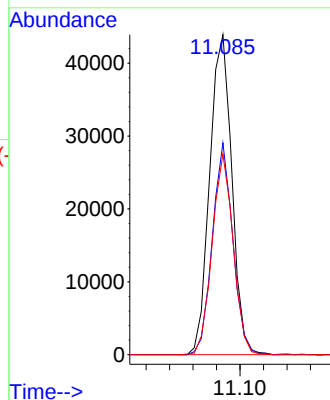
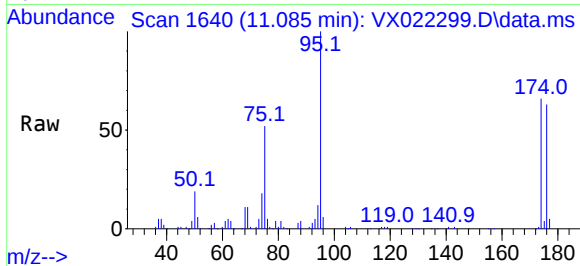


#62
4-Bromofluorobenzene
Concen: 46.41 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

Tgt Ion: 95 Resp: 57317

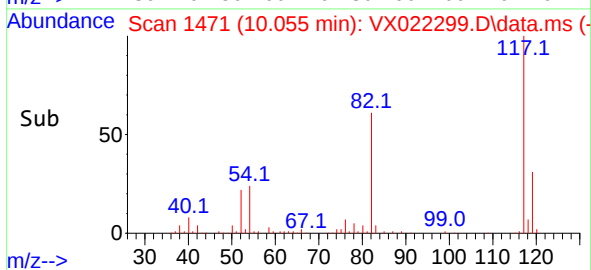
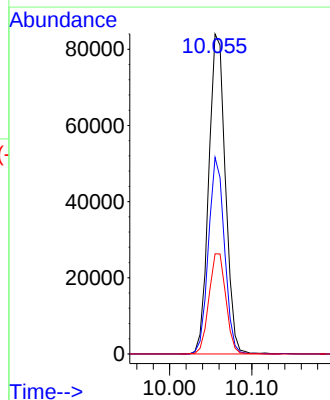
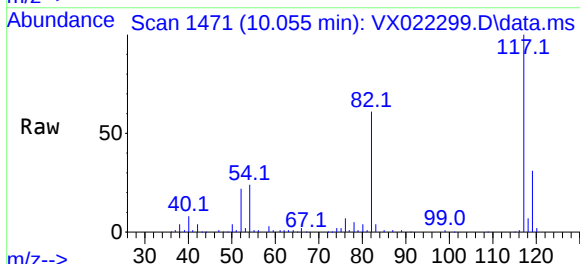
Ion	Ratio	Lower	Upper
95	100		
174	61.5	0.0	154.6
176	59.6	0.0	155.8

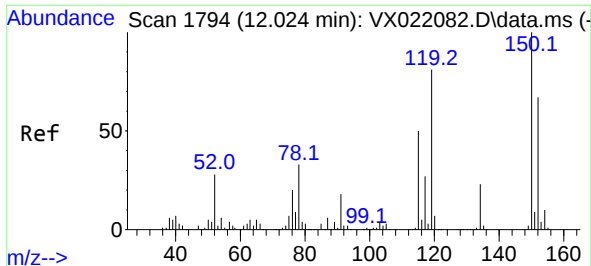


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion: 117 Resp: 118042

Ion	Ratio	Lower	Upper
117	100		
82	61.4	47.4	71.2
119	31.3	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022299.D
 Acq: 01 Jun 2021 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 04BR-20210526DL

Tgt Ion:152 Resp: 44876
 Ion Ratio Lower Upper
 152 100
 115 67.3 41.1 123.3
 150 155.2 0.0 349.0

