

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022274.D
 Acq On : 29 May 2021 00:43
 Operator : JC/MD
 Sample : M2545-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210526

Quant Time: May 29 04:58:18 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)

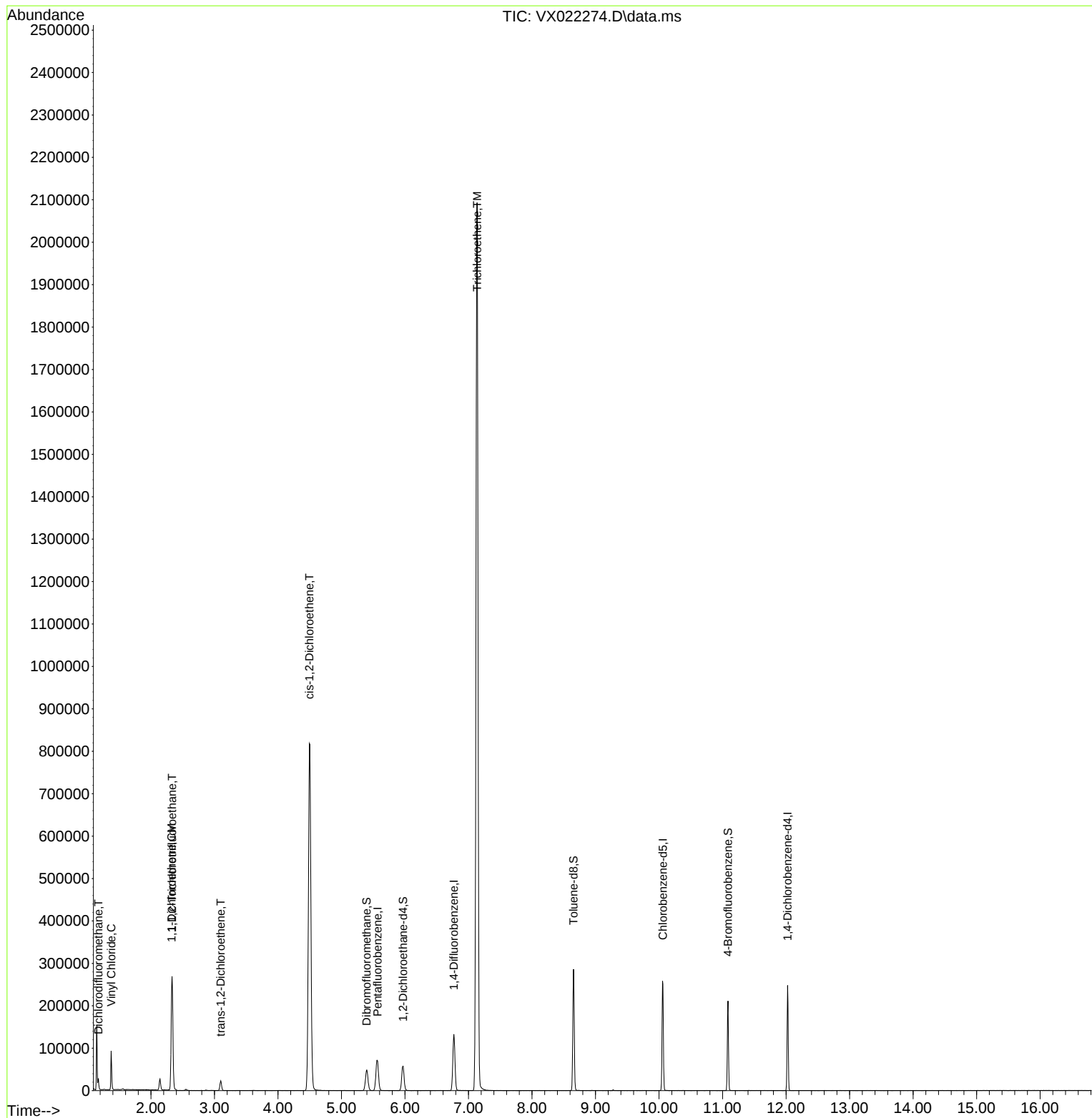
Internal Standards						
1) Pentafluorobenzene	5.568	168	63513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	132270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	114833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	52288	53.37	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.74%
35) Dibromofluoromethane	5.397	113	40997	48.88	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.76%
50) Toluene-d8	8.653	98	161595	50.01	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.02%
62) 4-Bromofluorobenzene	11.085	95	55990	46.88	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.76%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	12019	15.57	ug/l	96
4) Vinyl Chloride	1.374	62	48370	54.88	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	102971	136.85	ug/l	91
12) 1,1-Dichloroethene	2.325	96	6669	9.16	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	8656	10.93	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	495194	514.27	ug/l	91
44) Trichloroethene	7.135	130	750160	802.18	ug/l	94

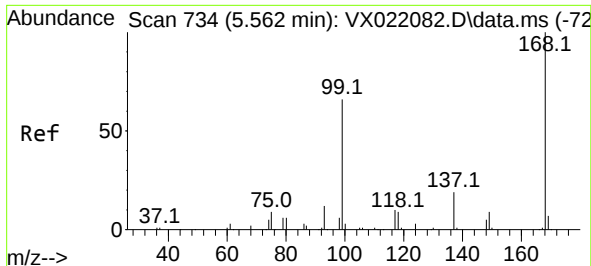
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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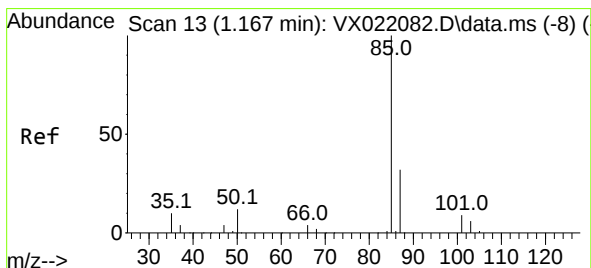
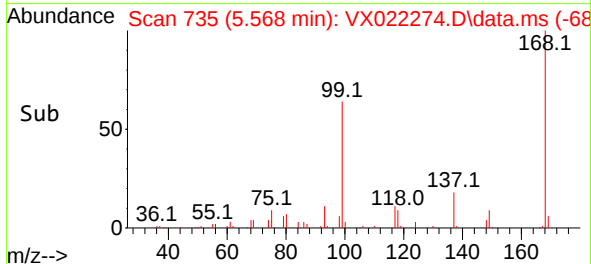
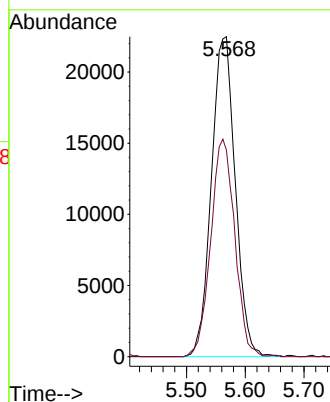
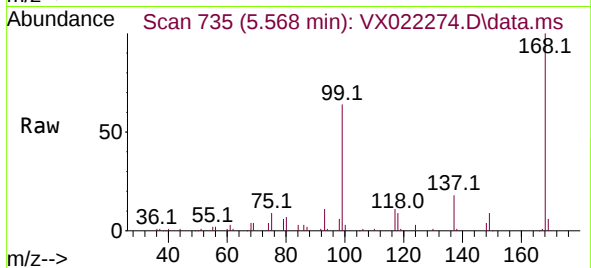




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022274.D
Acq: 29 May 2021 00:43

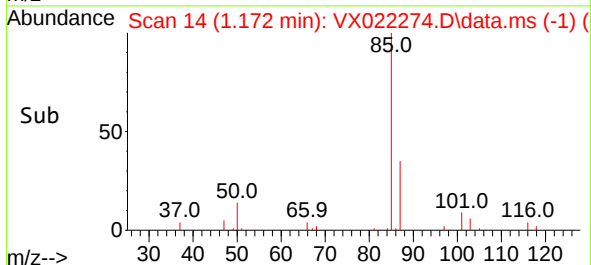
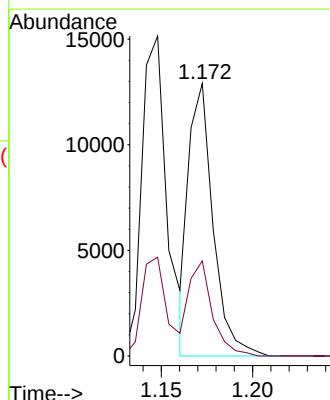
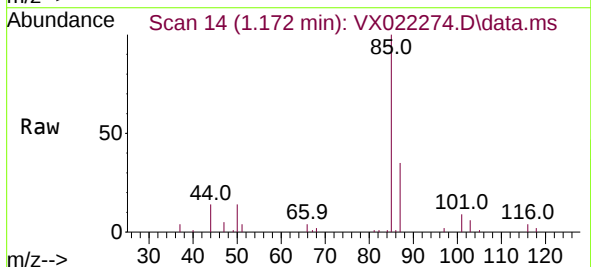
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210526

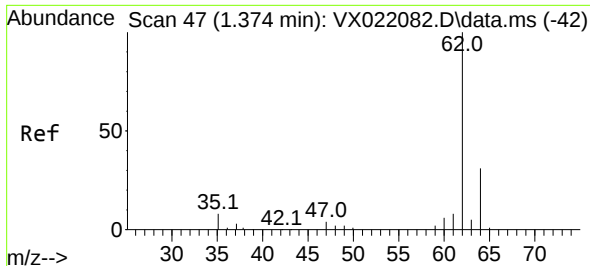
Tgt Ion:168 Resp: 63513
Ion Ratio Lower Upper
168 100
99 64.5 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 15.57 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.005 min
Lab File: VX022274.D
Acq: 29 May 2021 00:43

Tgt Ion: 85 Resp: 12019
Ion Ratio Lower Upper
85 100
87 34.9 16.4 49.2

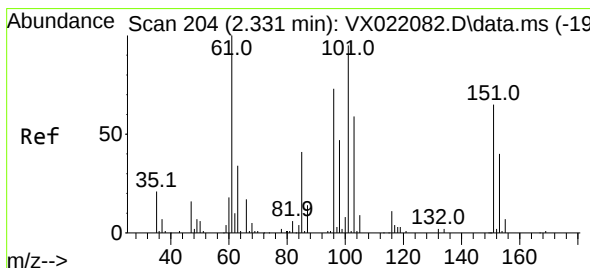
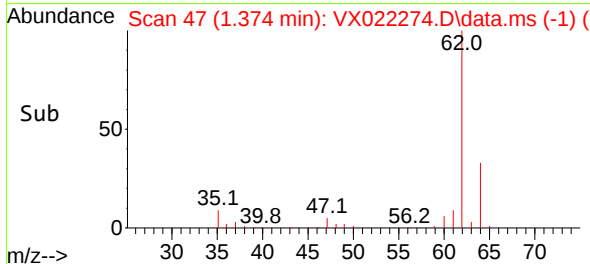
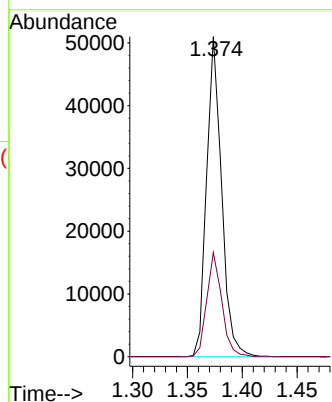
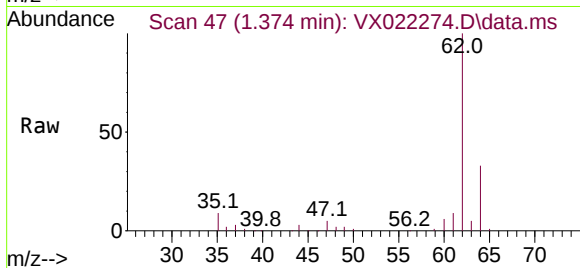




#4
 Vinyl Chloride
 Concen: 54.88 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022274.D
 Acq: 29 May 2021 00:43

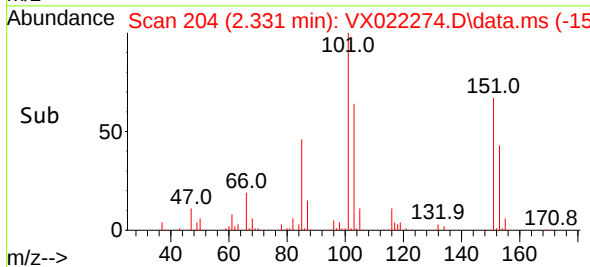
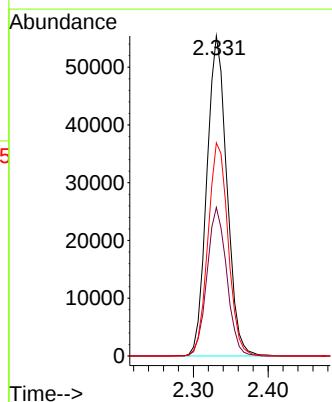
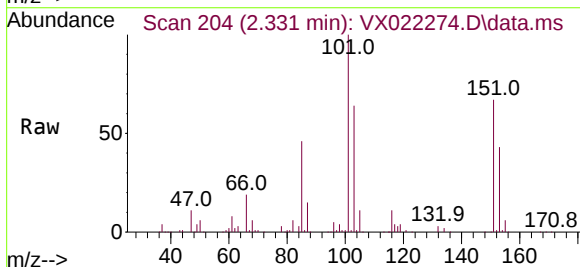
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210526

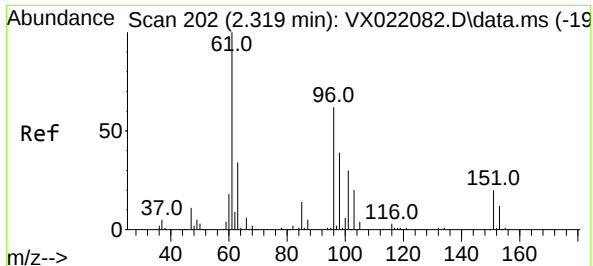
Tgt Ion: 62 Resp: 48370
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.7 38.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 136.85 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX022274.D
 Acq: 29 May 2021 00:43

Tgt Ion: 101 Resp: 102971
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.9 52.3
 151 66.9 61.4 92.2





#12

1,1-Dichloroethene

Concen: 9.16 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

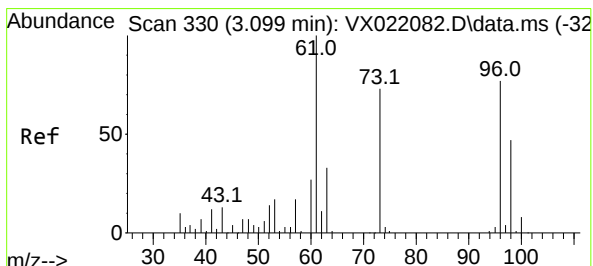
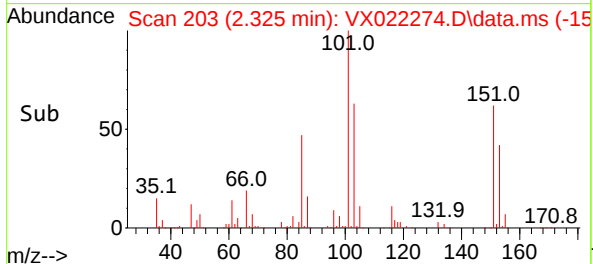
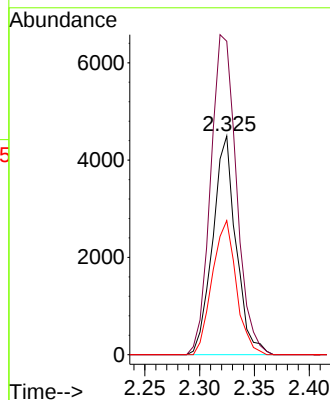
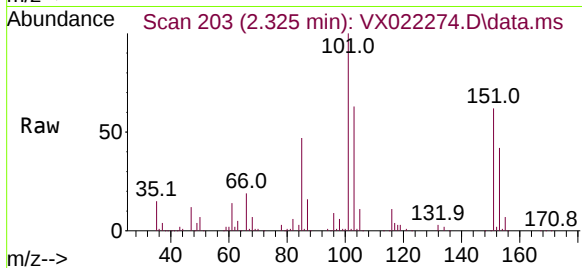
Lab File: VX022274.D

Acq: 29 May 2021 00:43

Tgt Ion: 96 Resp: 6669

Ion	Ratio	Lower	Upper
96	100		
61	143.3	124.6	187.0
98	61.3	50.6	76.0

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210526



#21

trans-1,2-Dichloroethene

Concen: 10.93 ug/l

RT: 3.099 min Scan# 330

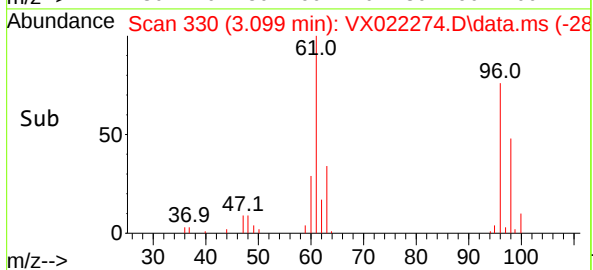
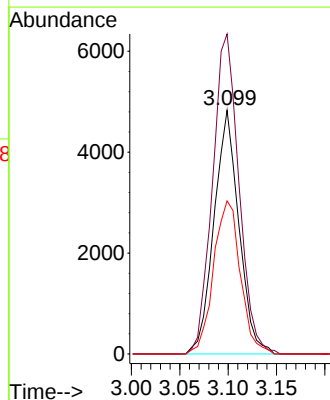
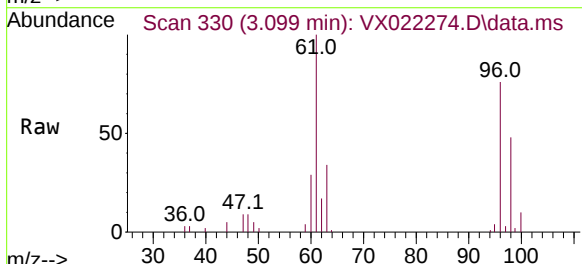
Delta R.T. -0.000 min

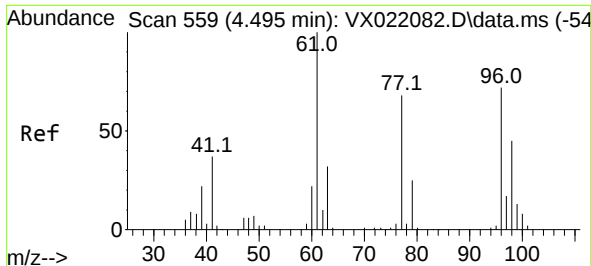
Lab File: VX022274.D

Acq: 29 May 2021 00:43

Tgt Ion: 96 Resp: 8656

Ion	Ratio	Lower	Upper
96	100		
61	131.3	107.7	161.5
98	62.9	50.4	75.6





#27

cis-1,2-Dichloroethene

Concen: 514.27 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX022274.D

Acq: 29 May 2021 00:43

Tgt Ion: 96 Resp: 495194

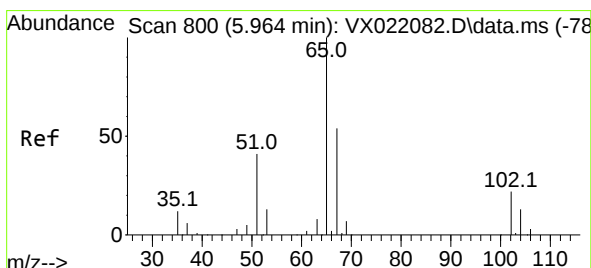
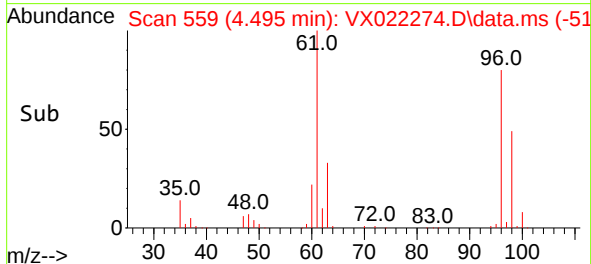
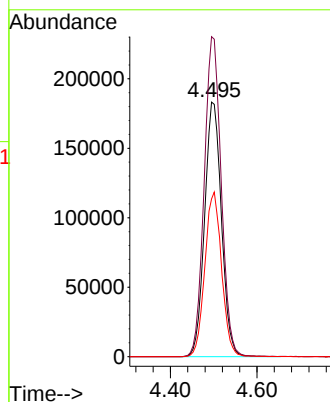
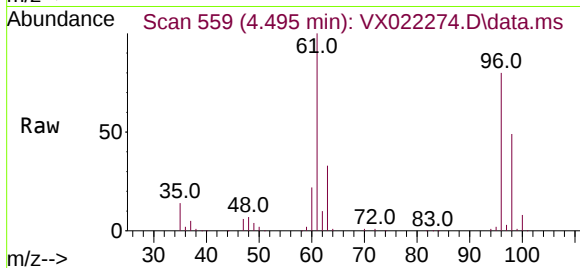
Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	285.6
98	64.2	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20210526



#33

1,2-Dichloroethane-d4

Concen: 53.37 ug/l

RT: 5.970 min Scan# 801

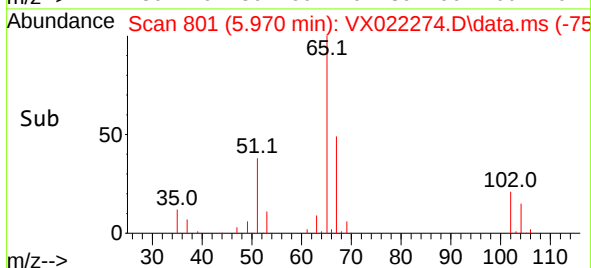
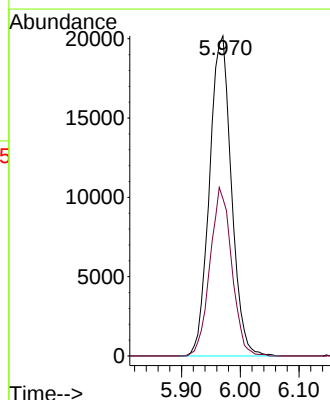
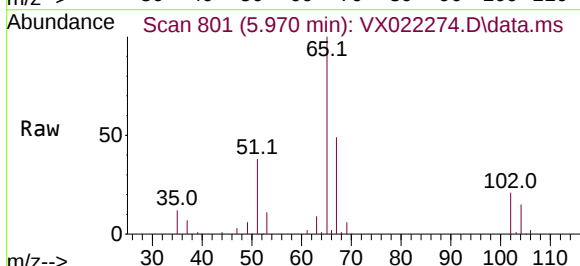
Delta R.T. 0.006 min

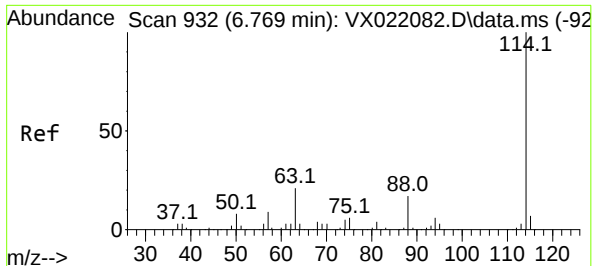
Lab File: VX022274.D

Acq: 29 May 2021 00:43

Tgt Ion: 65 Resp: 52288

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.4

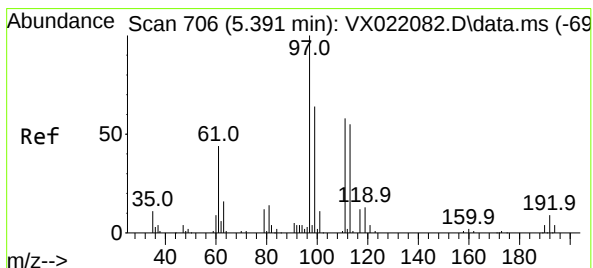
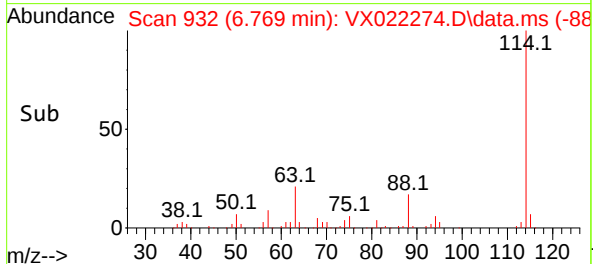
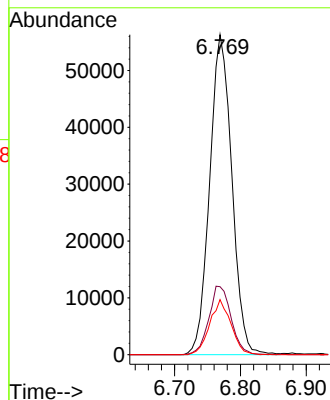
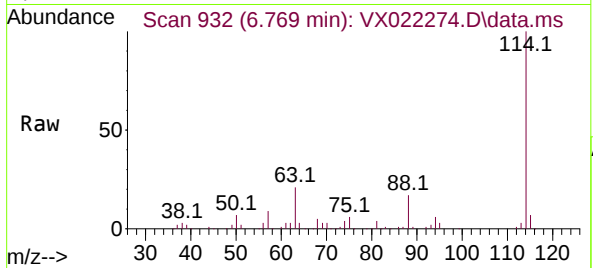




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022274.D
Acq: 29 May 2021 00:43

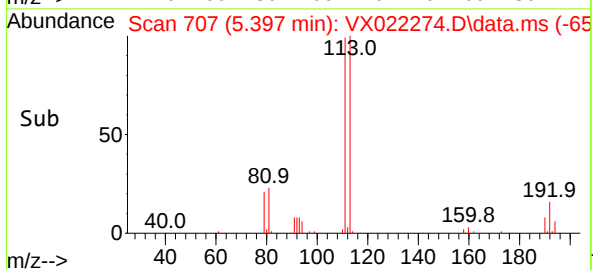
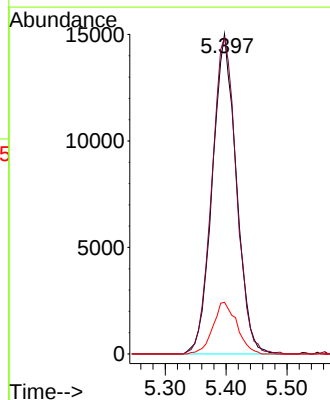
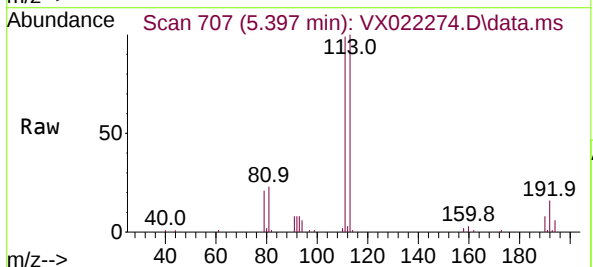
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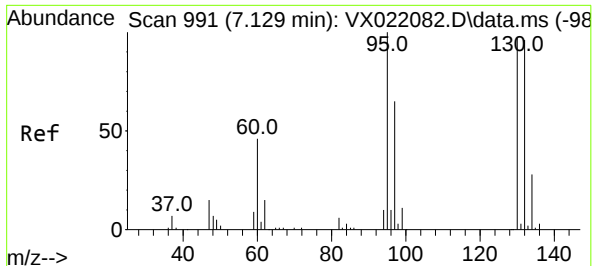
Tgt Ion:114 Resp: 132270
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.88 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022274.D
Acq: 29 May 2021 00:43

Tgt Ion:113 Resp: 40997
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 16.2 16.7 25.1#

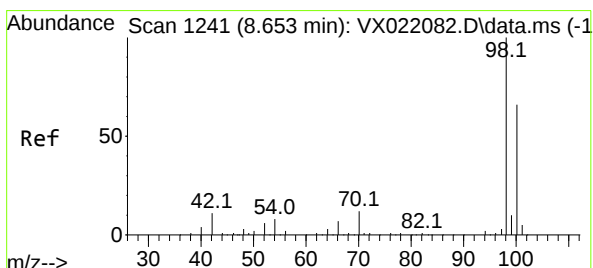
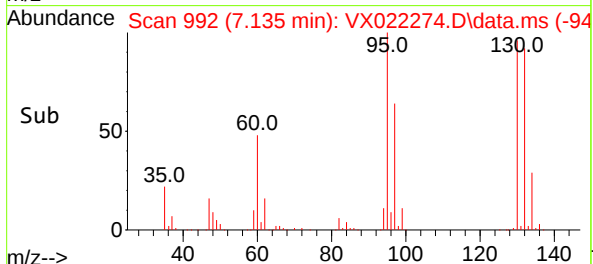
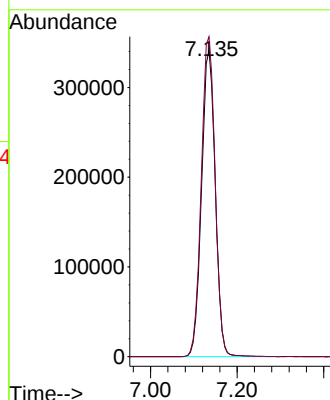
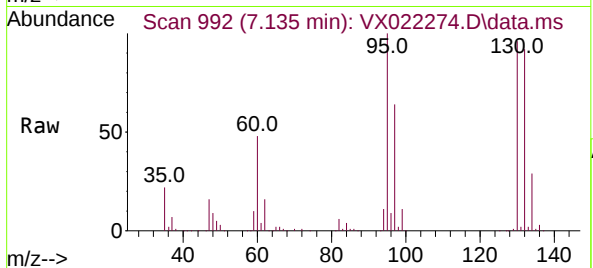




#44
Trichloroethene
Concen: 802.18 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022274.D
Acq: 29 May 2021 00:43

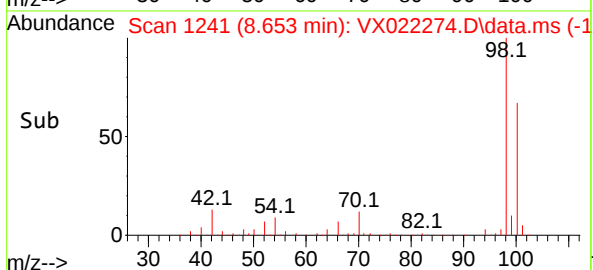
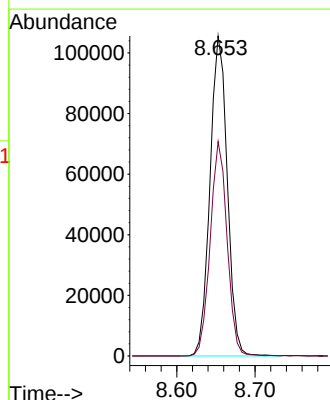
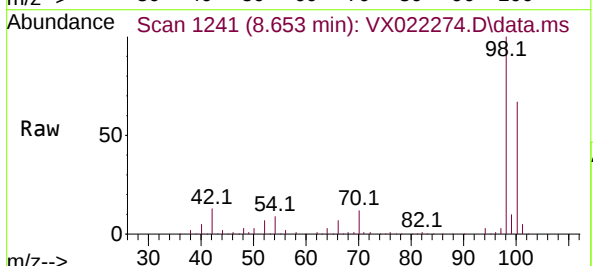
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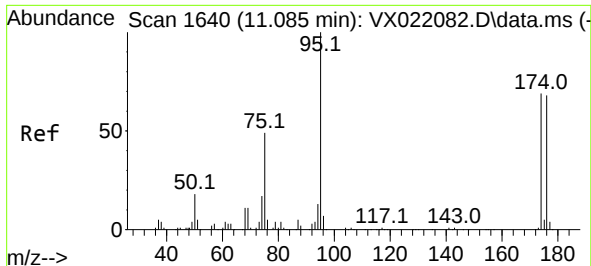
Tgt Ion:130 Resp: 750160
Ion Ratio Lower Upper
130 100
95 104.5 0.0 198.0



#50
Toluene-d8
Concen: 50.01 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022274.D
Acq: 29 May 2021 00:43

Tgt Ion: 98 Resp: 161595
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

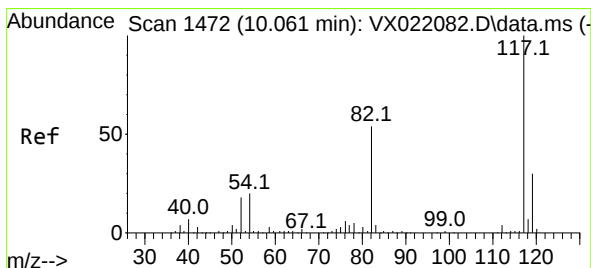
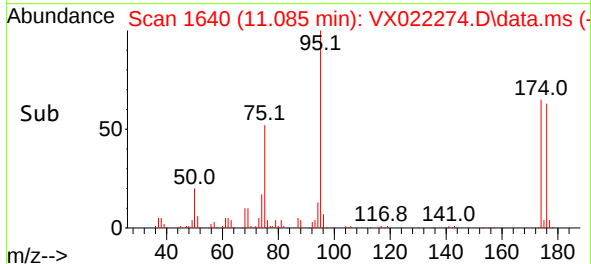
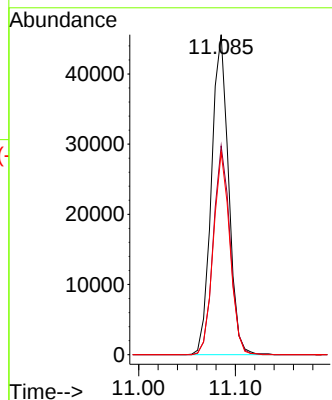
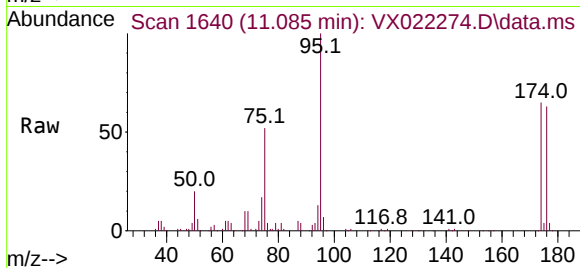




#62
4-Bromofluorobenzene
Concen: 46.88 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022274.D
Acq: 29 May 2021 00:43

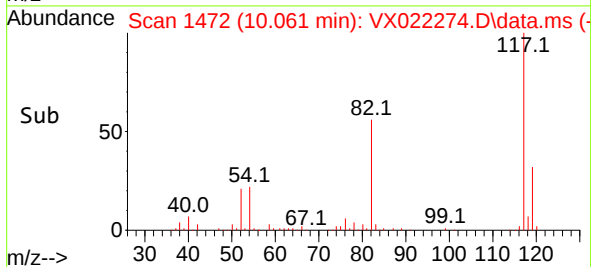
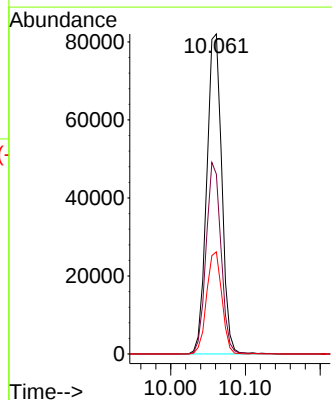
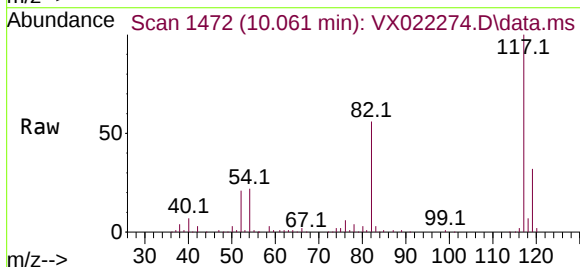
Instrument :
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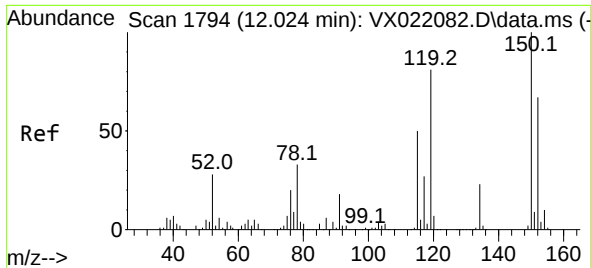
Tgt Ion: 95 Resp: 55990
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 61.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022274.D
Acq: 29 May 2021 00:43

Tgt Ion: 117 Resp: 114833
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.9 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: VX022274.D
 Acq: 29 May 2021 00:43

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210526

Tgt Ion:152 Resp: 45487
 Ion Ratio Lower Upper
 152 100
 115 67.1 41.1 123.3
 150 157.2 0.0 349.0

