

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019074.D
 Acq On : 23 Oct 2020 12:46
 Operator : JC/SP
 Sample : VX1023WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL01

Quant Time: Oct 26 04:14:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	48614	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	275919	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	234038	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	100307	30.98	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	103.27%		
60) 4-Bromofluorobenzene	11.12	95	99996	28.47	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.90%		
63) Toluene-d8	8.70	98	319781	30.95	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.17%		

Target Compounds

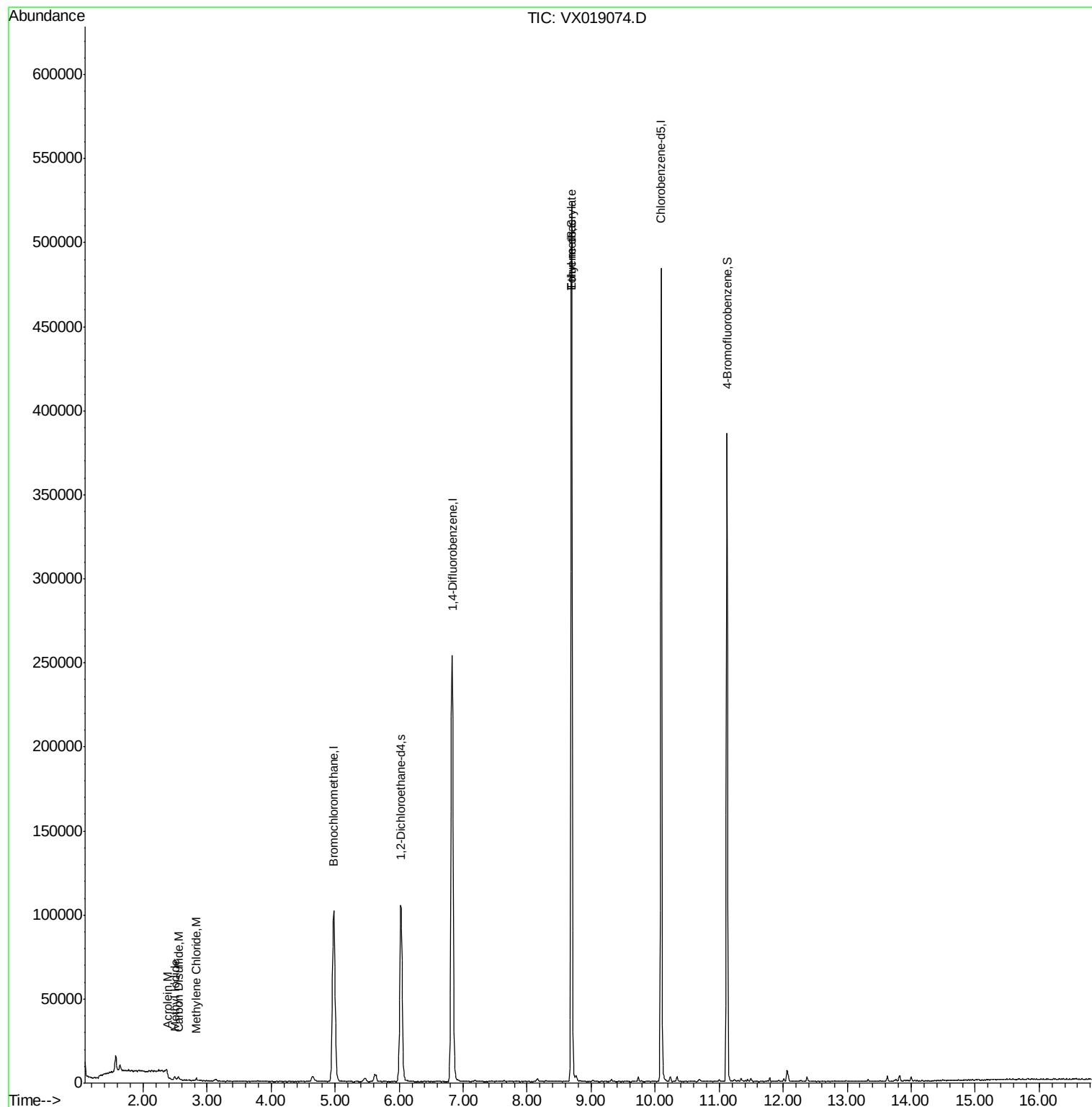
					Ovalue
11) Methyl Iodide	2.49	142	2571	8.142 ug/l	93
13) Acrolein	2.39	56	87	0.390 ug/l	85
16) Carbon Disulfide	2.55	76	2234	0.328 ug/l #	91
18) Methylene Chloride	2.83	84	728	0.261 ug/l #	87
51) Ethyl methacrylate	8.70	69	1135	0.260 ug/l	78

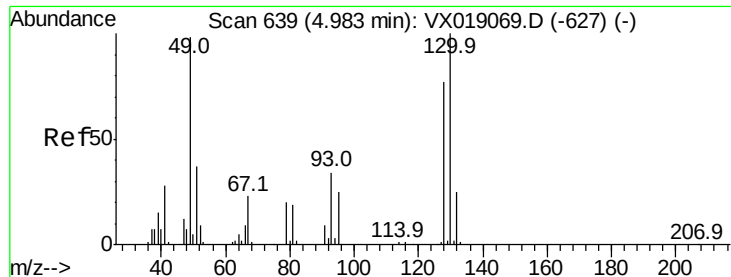
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX019074.D

Acq: 23 Oct 2020 12:46

Instrument :

MSVOA_X

ClientSampled :

VX1023WBL01

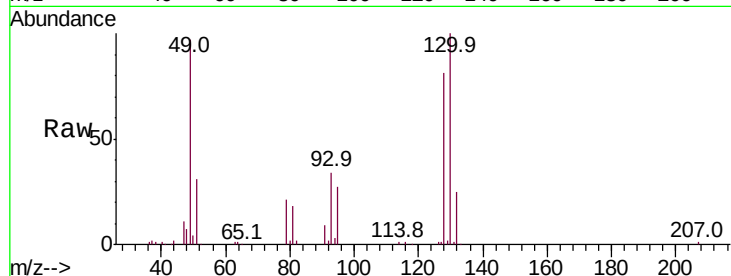
Tot Ion:128 Resp: 48614

Ion Ratio Lower Upper

128 100

49 124.8 0.0 318.8

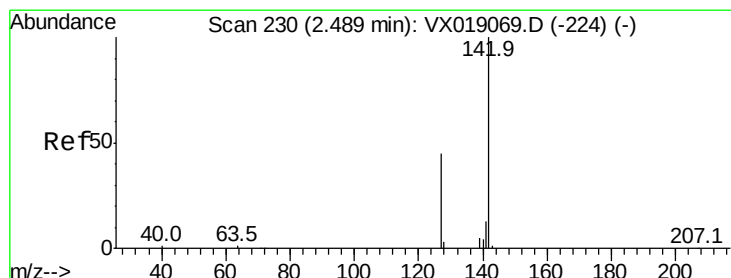
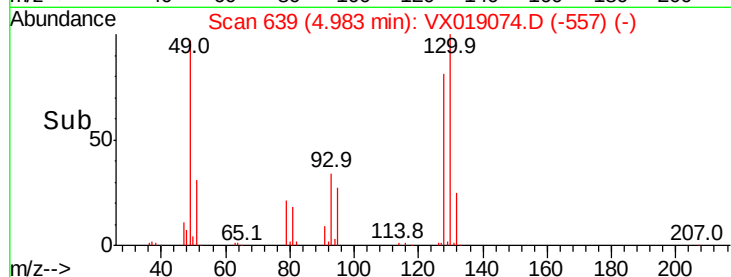
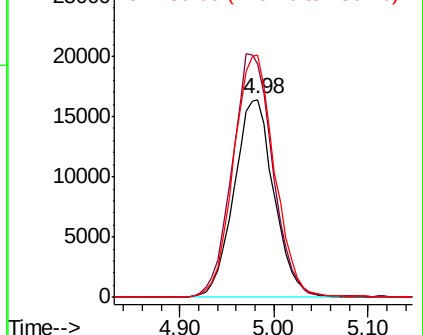
130 125.6 0.0 321.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#11

Methyl Iodide

Concen: 8.142 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019074.D

Acq: 23 Oct 2020 12:46

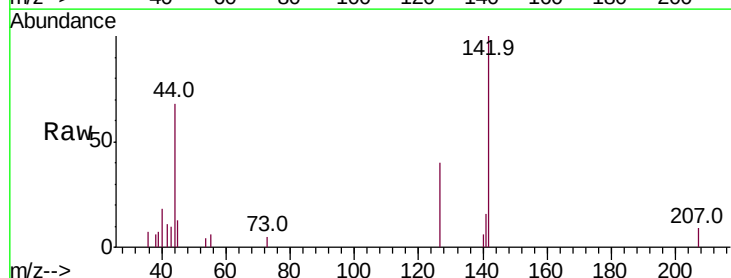
Tgt Ion:142 Resp: 2571

Ion Ratio Lower Upper

142 100

127 41.3 22.6 67.7

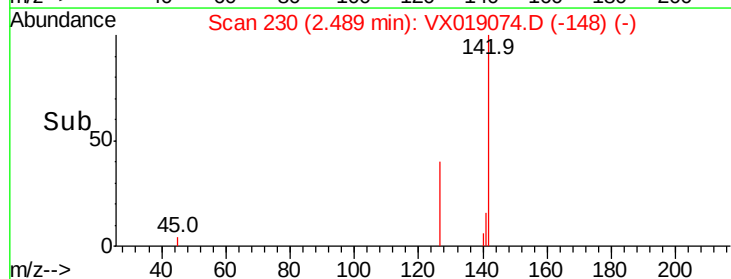
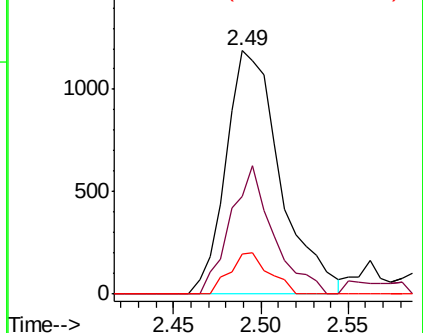
141 16.9 6.3 19.1

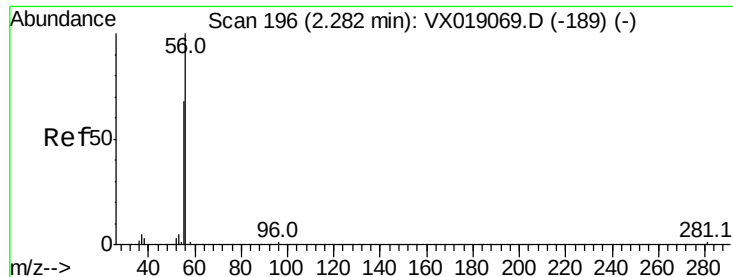


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#13

Acrolein

Concen: 0.390 ug/l

RT: 2.39 min Scan# 213

Delta R.T. 0.10 min

Lab File: VX019074.D

Acq: 23 Oct 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

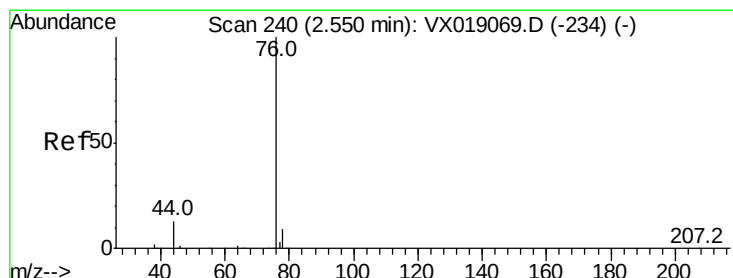
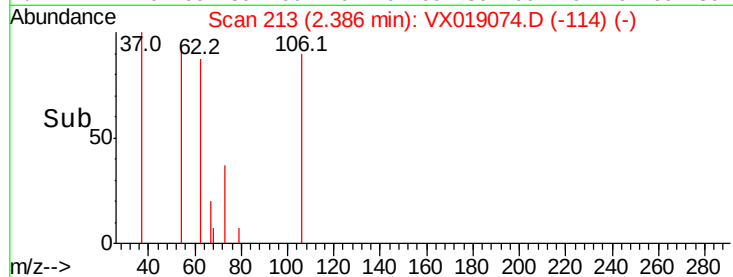
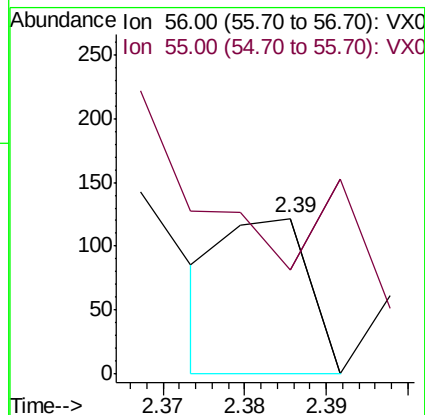
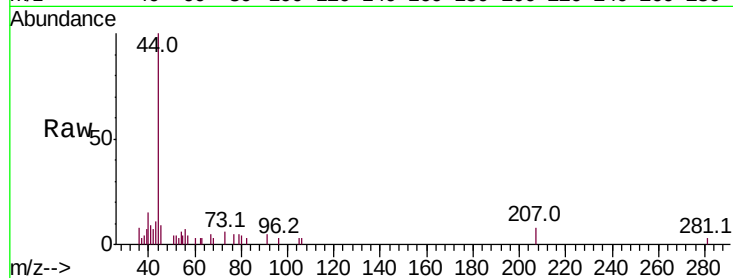
VX1023WBL01

Tot Ion: 56 Resp: 87

Ion Ratio Lower Upper

56 100

55 59.8 58.2 87.2



#16

Carbon Disulfide

Concen: 0.328 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019074.D

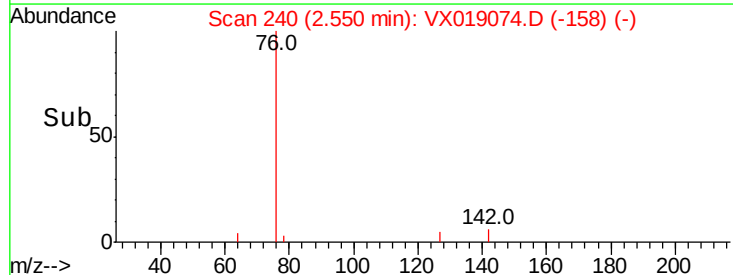
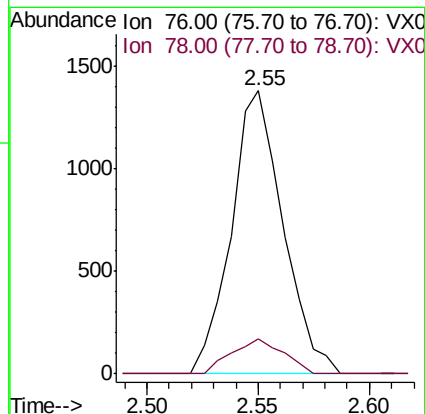
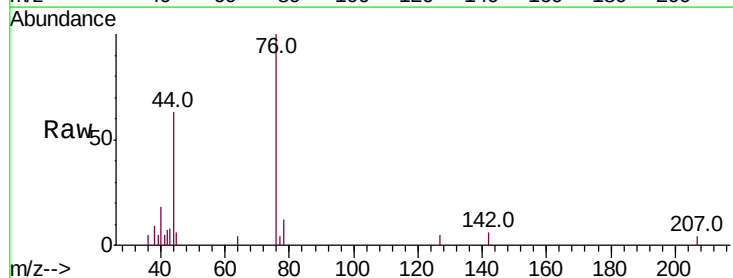
Acq: 23 Oct 2020 12:46

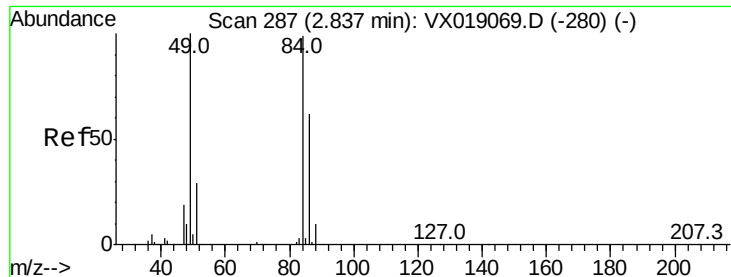
Tgt Ion: 76 Resp: 2234

Ion Ratio Lower Upper

76 100

78 12.3 7.2 10.8#

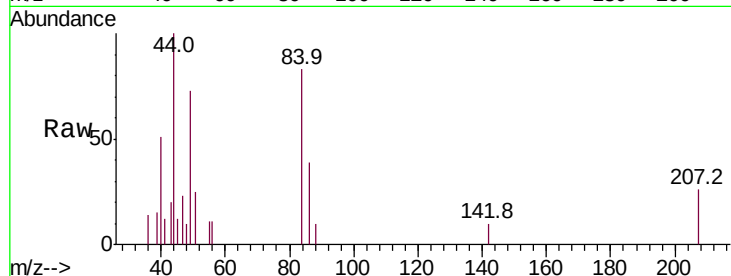




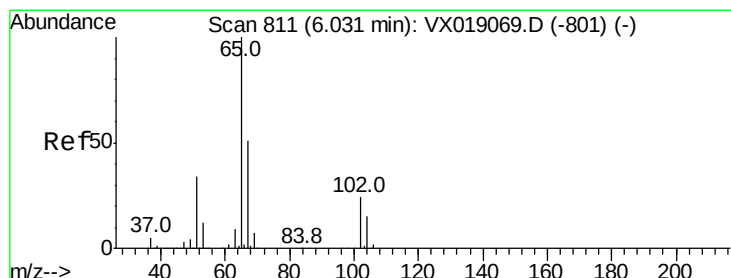
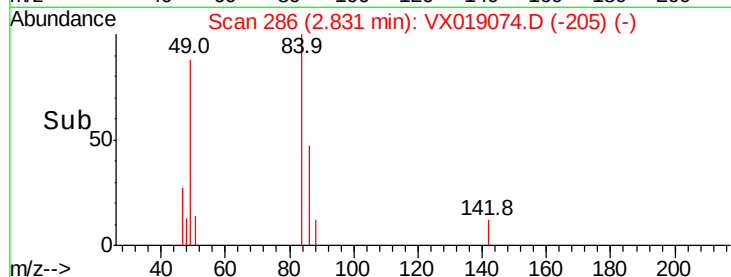
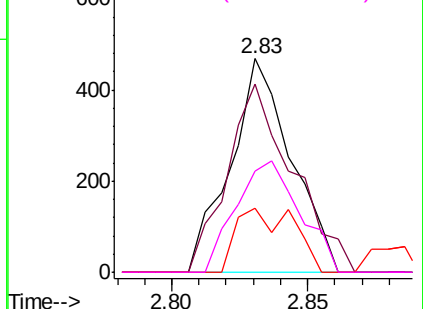
#18
Methvlene Chloride
Concen: 0.261 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019074.D
Acq: 23 Oct 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

Tot Ion:	84	Resp:	728
Ion	Ratio	Lower	Upper
84	100		
49	88.3	80.9	121.3
51	30.1	23.8	35.6
86	47.1	50.6	75.8#

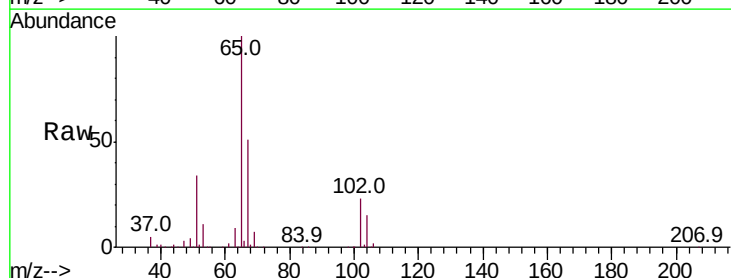


Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

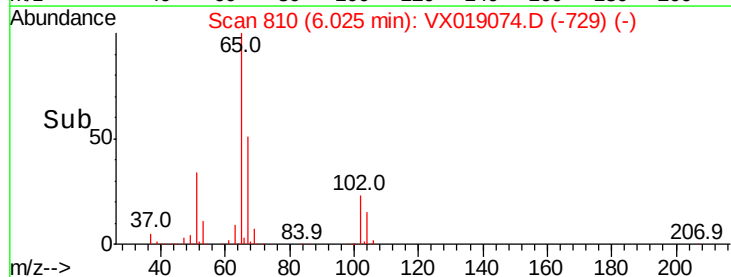
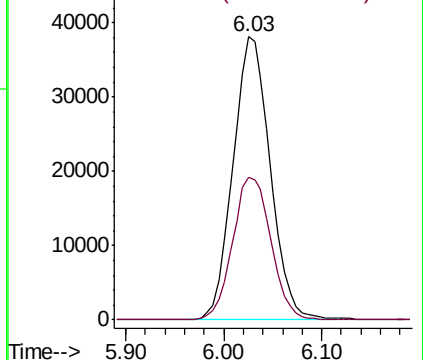


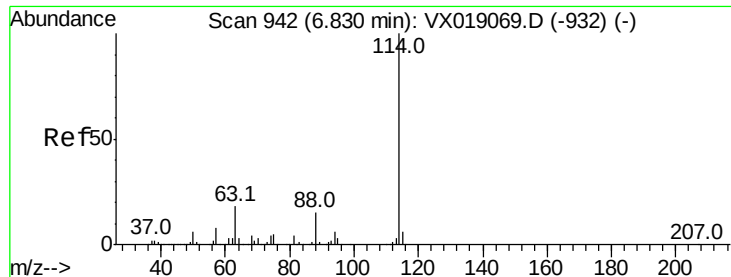
#27
1,2-Dichloroethane-d4
Concen: 30.978 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019074.D
Acq: 23 Oct 2020 12:46

Tgt Ion:	65	Resp:	100307
Ion	Ratio	Lower	Upper
65	100		
67	52.0	42.0	63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0
Ion 67.00 (66.70 to 67.70): VX0

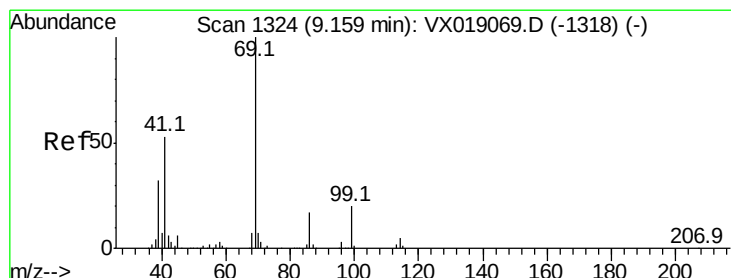
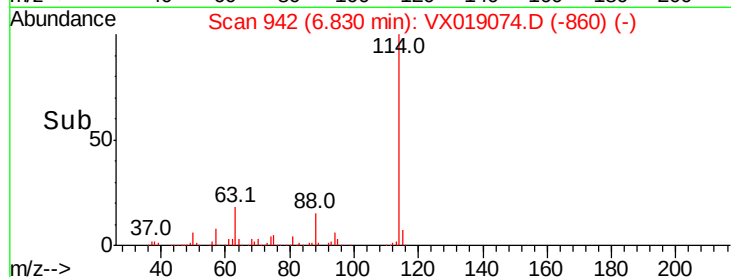
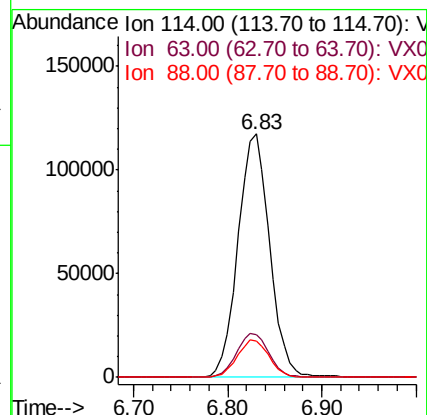
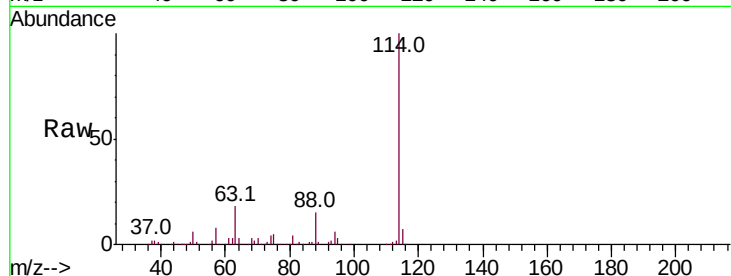




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019074.D
 Acq: 23 Oct 2020 12:46

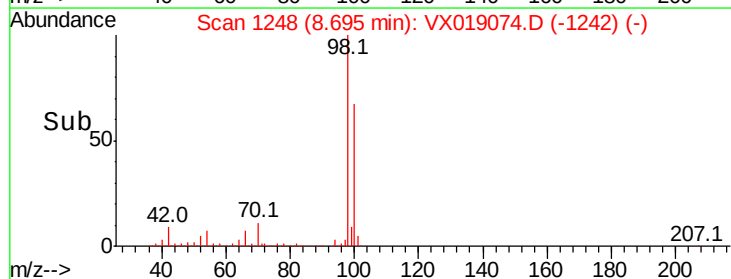
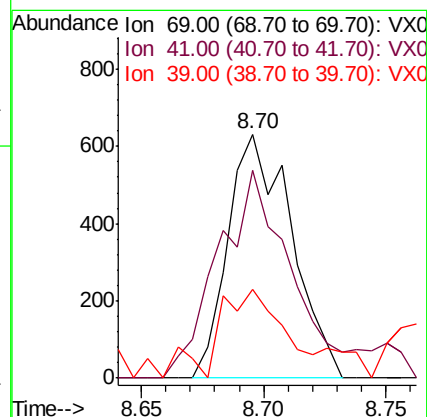
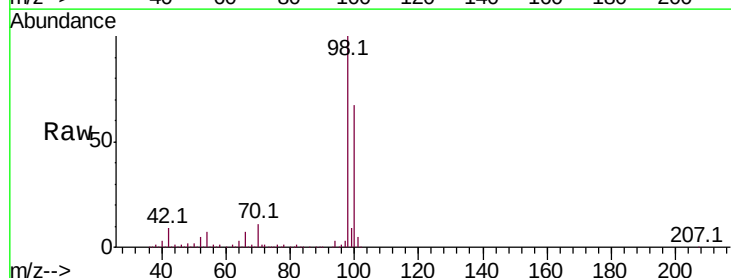
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL01

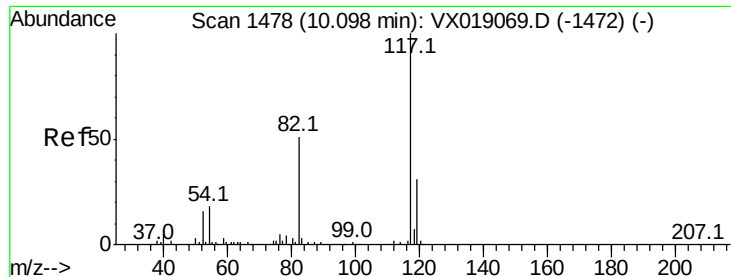
Tot Ion:114 Resp: 275919
 Ion Ratio Lower Upper
 114 100
 63 18.4 14.6 21.8
 88 15.4 12.2 18.2



#51
 Ethyl methacrylate
 Concen: 0.260 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.46 min
 Lab File: VX019074.D
 Acq: 23 Oct 2020 12:46

Tgt Ion: 69 Resp: 1135
 Ion Ratio Lower Upper
 69 100
 41 75.0 26.5 79.4
 39 28.4 16.2 48.6

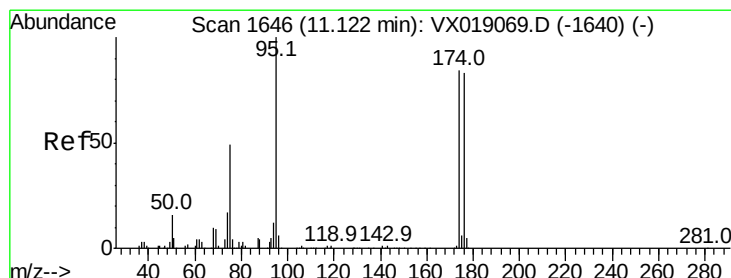
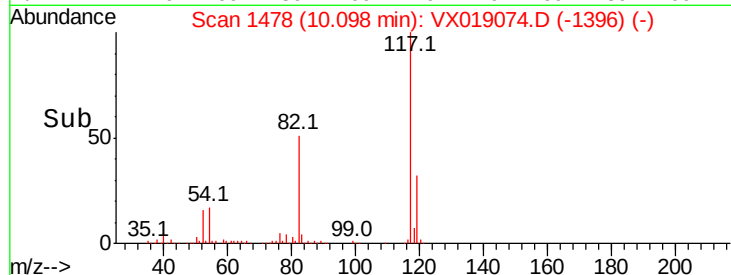
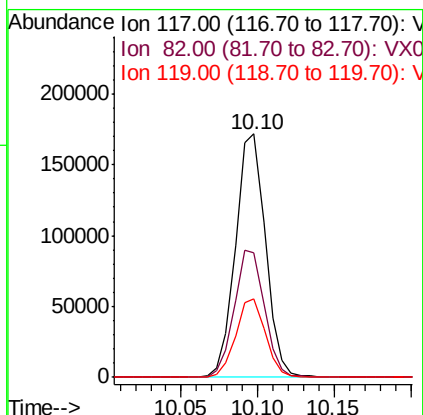
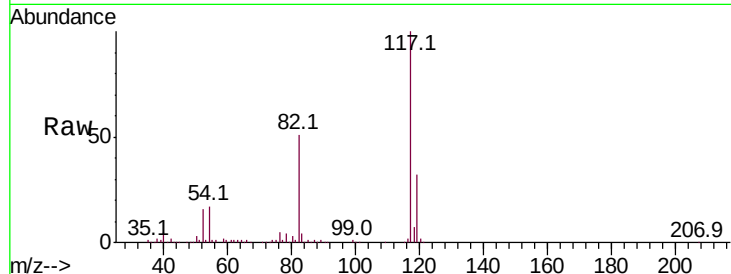




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019074.D
Acq: 23 Oct 2020 12:46

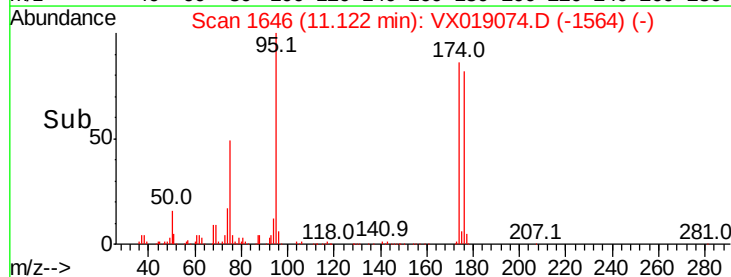
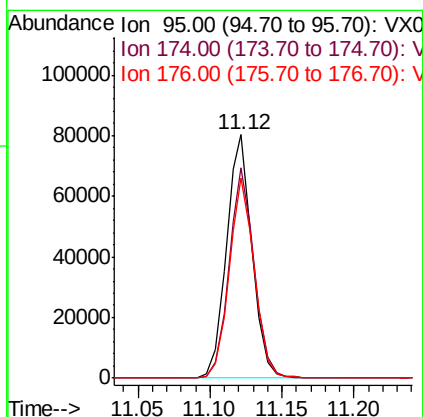
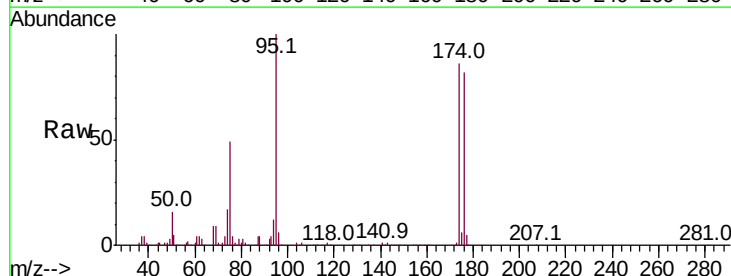
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

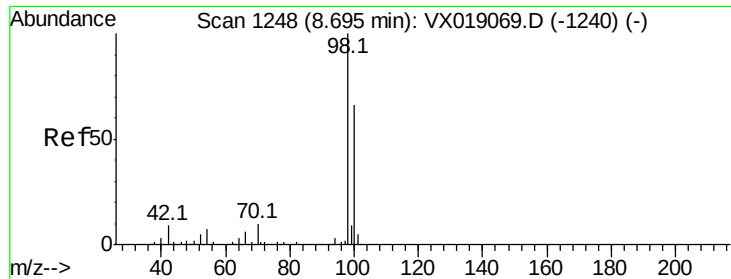
Tot Ion:117 Resp: 234038
Ion Ratio Lower Upper
117 100
82 52.7 42.5 63.7
119 31.8 25.6 38.4



#60
4-Bromofluorobenzene
Concen: 28.467 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019074.D
Acq: 23 Oct 2020 12:46

Tgt Ion: 95 Resp: 99996
Ion Ratio Lower Upper
95 100
174 84.8 66.3 99.5
176 80.8 65.5 98.3





#63
 Toluene-d8
 Concen: 30.947 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019074.D
 Acq: 23 Oct 2020 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL01

Tot Ion: 98 Resp: 319781
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.2 78.4

