

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019550.D
 Acq On : 23 Nov 2020 15:05
 Operator : JC/MD
 Sample : L4798-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20201118

Manual Integrations
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 11/24/2020 2:59:43 PM

Quant Time: Nov 24 05:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	318842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	517445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	188419	45.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.16%
35) Dibromofluoromethane	5.46	113	151545	46.66	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.32%
50) Toluene-d8	8.70	98	587110	46.52	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.04%
62) 4-Bromofluorobenzene	11.12	95	209488	46.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.26%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	109518m	35.322	ug/l
4) Vinyl Chloride	1.39	62	30620	7.995	ug/l
9) 1,1,2-Trichlorotrifluoroet	2.36	101	93494	30.315	ug/l
12) 1,1-Dichloroethene	2.34	96	56326	17.794	ug/l
21) trans-1,2-Dichloroethene	3.14	96	41858	11.671	ug/l
27) cis-1,2-Dichloroethene	4.56	96	1248850	303.143	ug/l
44) Trichloroethene	7.20	130	11436661	2929.351	ug/l
64) Tetrachloroethene	9.32	164	1129	0.324	ug/l

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

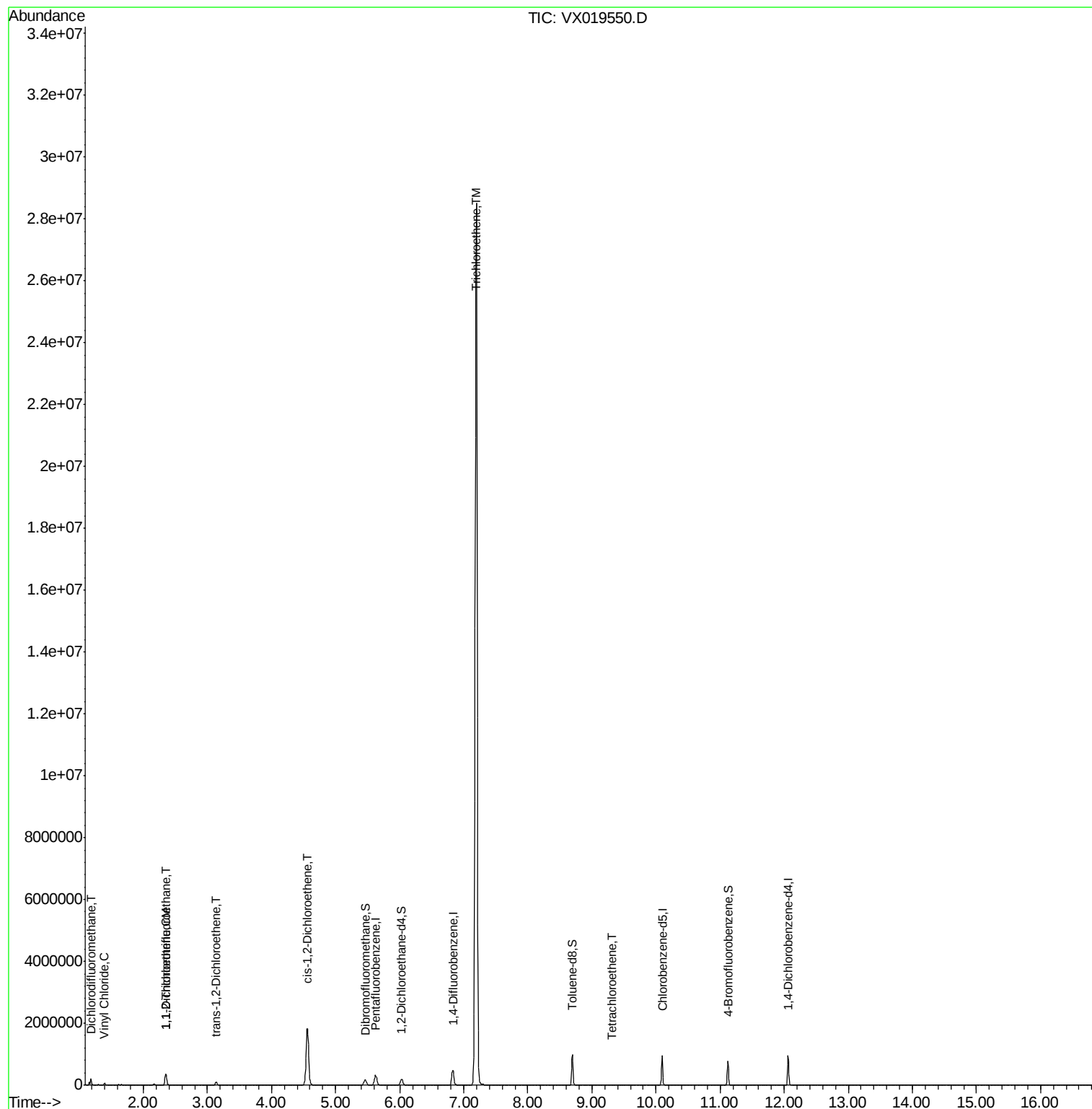
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112320\
Data File : VX019550.D
Acq On : 23 Nov 2020 15:05
Operator : JC/MD
Sample : L4798-05
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Instrument :
MSVOA_X
ClientSampleId :
29BR-20201118

Manual Integrations
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Quant Time: Nov 24 05:09:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019550.D

Acq: 23 Nov 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

29BR-20201118

Tot Ion:168 Resp: 318842

Ion Ratio Lower Upper

168 100

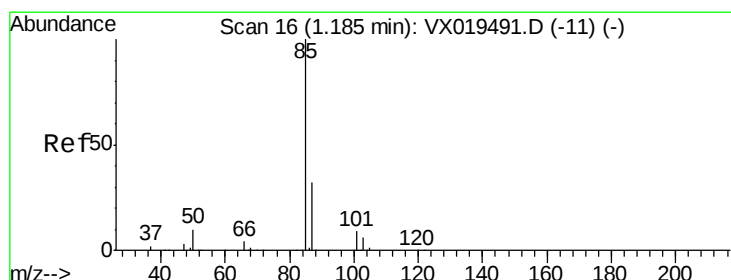
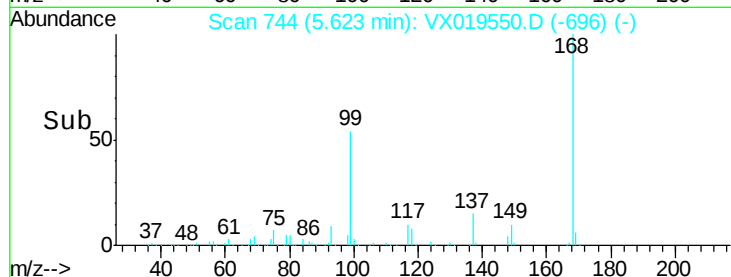
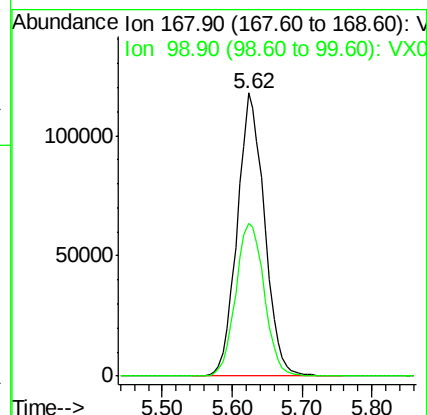
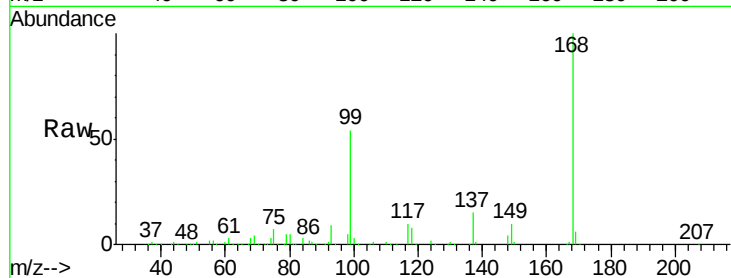
99 53.8 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 35.322 ug/l m

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019550.D

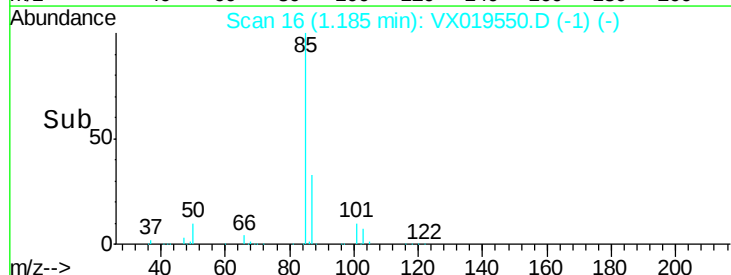
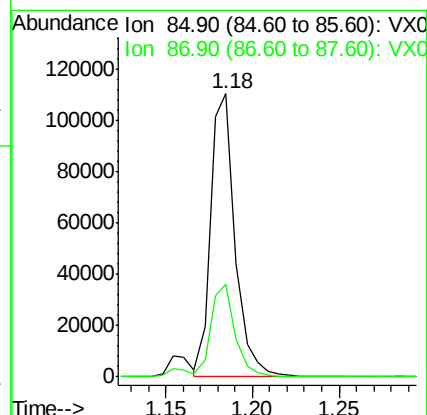
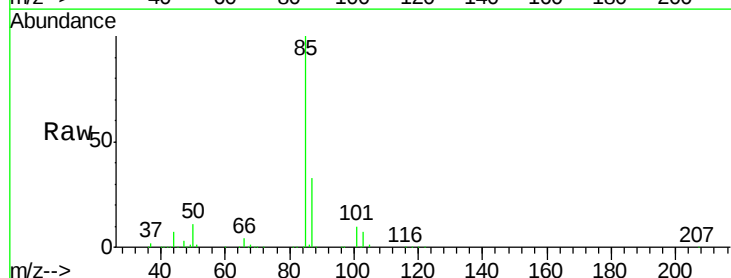
Acq: 23 Nov 2020 15:05

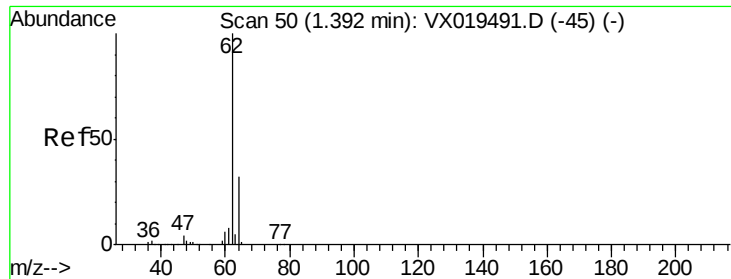
Tgt Ion: 85 Resp: 109518

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9





#4

Vinyl Chloride

Concen: 7.995 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019550.D

Acq: 23 Nov 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

29BR-20201118

Tot Ion: 62 Resp: 30620

Ion Ratio Lower Upper

62 100

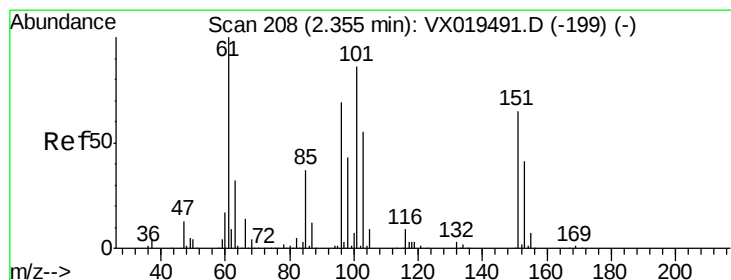
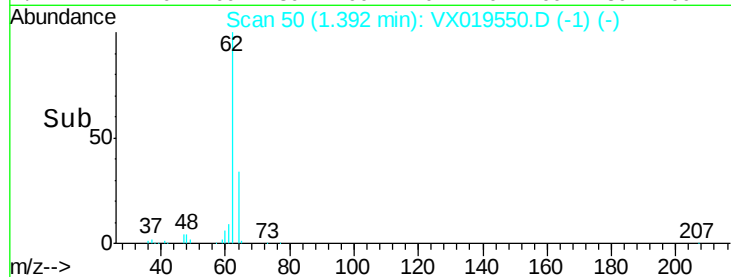
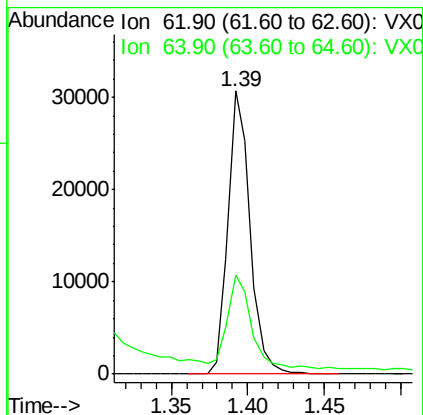
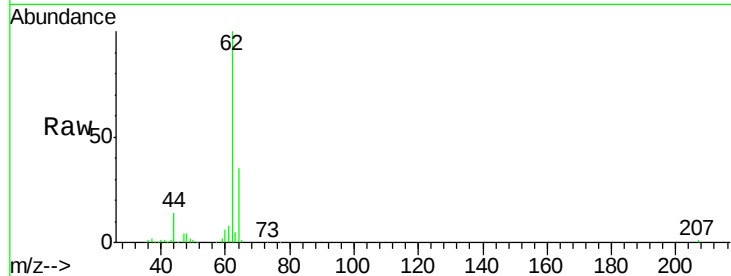
64 32.8 25.4 38.2

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.315 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019550.D

Acq: 23 Nov 2020 15:05

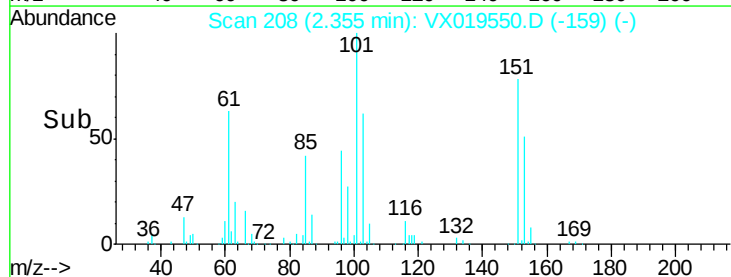
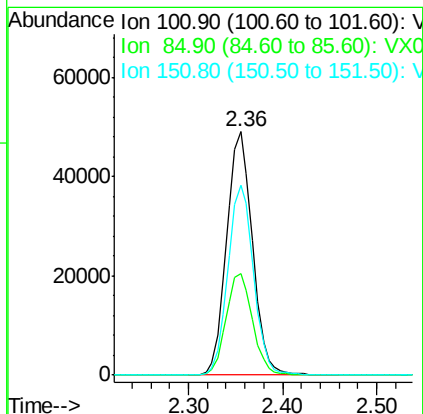
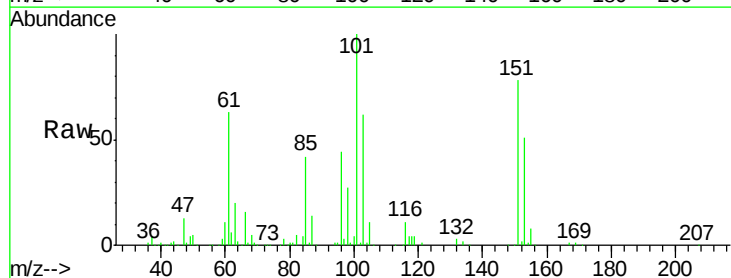
Tgt Ion:101 Resp: 93494

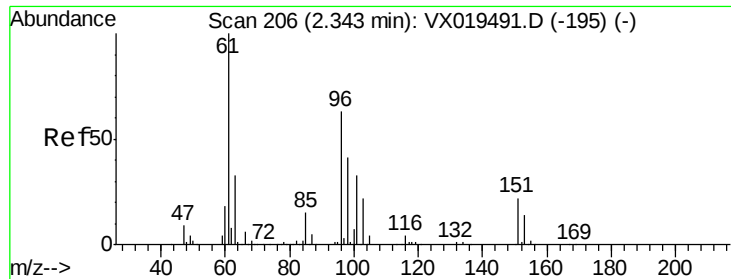
Ion Ratio Lower Upper

101 100

85 42.9 33.9 50.9

151 77.4 60.9 91.3





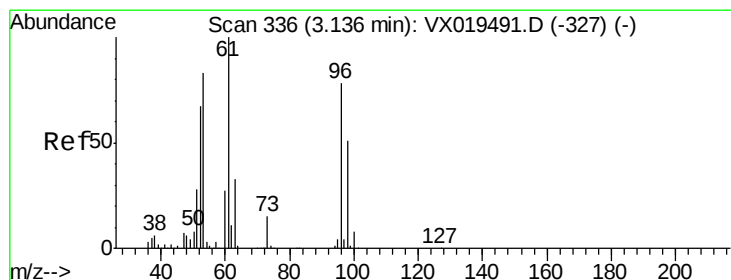
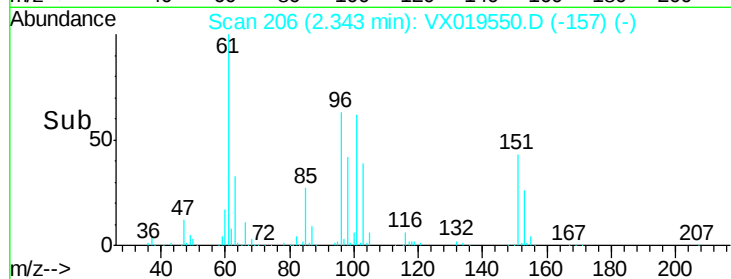
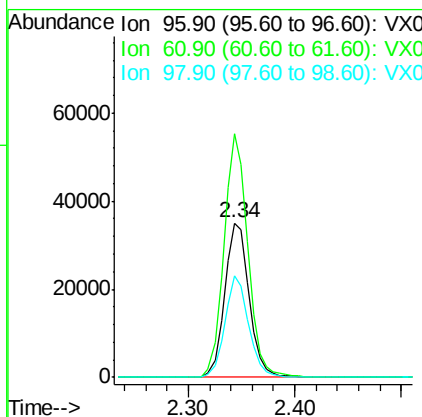
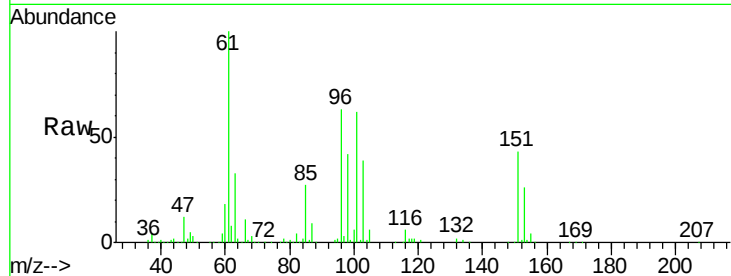
#12
 1,1-Dichloroethene
 Concen: 17.794 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019550.D
 Acq: 23 Nov 2020 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20201118

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.8	126.0	189.0
98	65.5	52.0	78.0

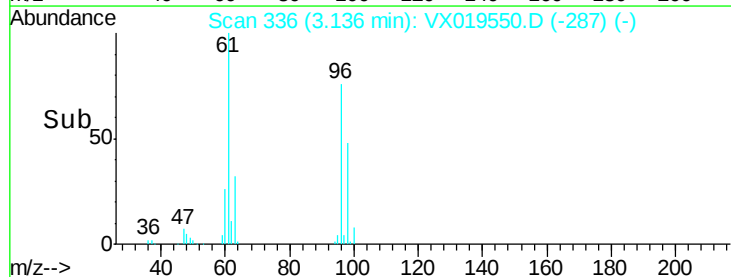
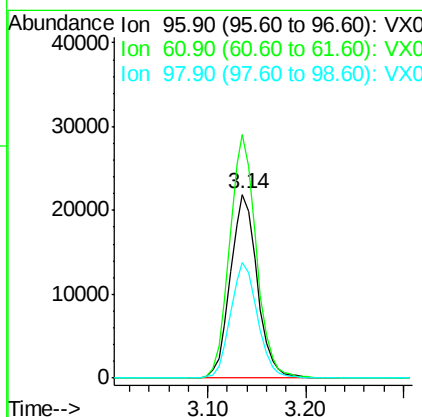
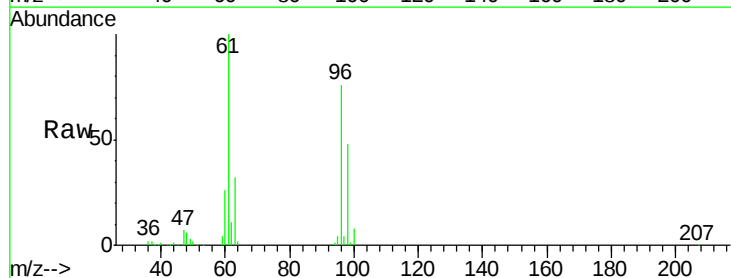
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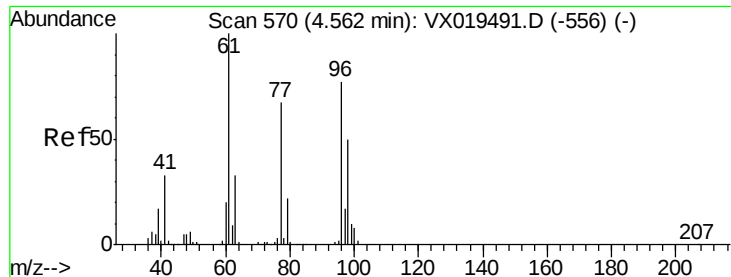
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#21
 trans-1,2-Dichloroethene
 Concen: 11.671 ug/l
 RT: 3.14 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX019550.D
 Acq: 23 Nov 2020 15:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.3	102.9	154.3
98	63.1	52.1	78.1





#27

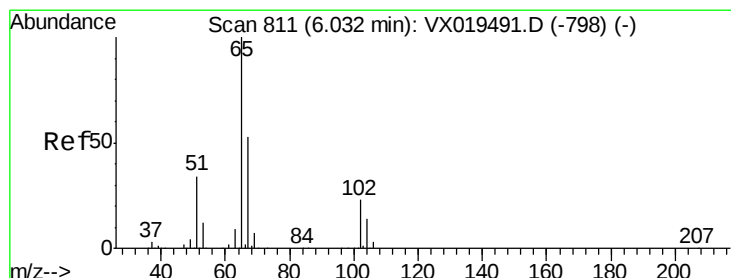
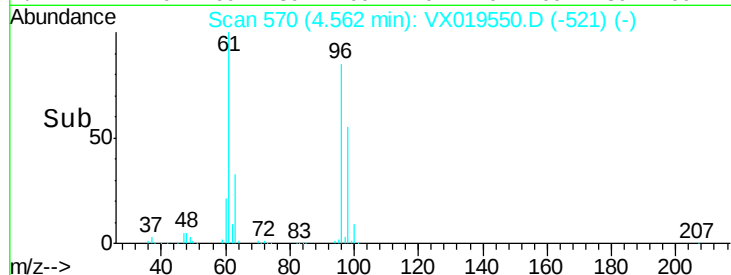
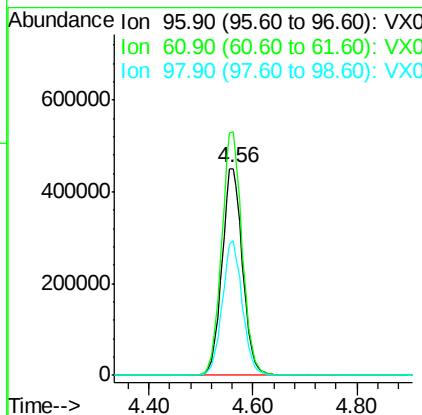
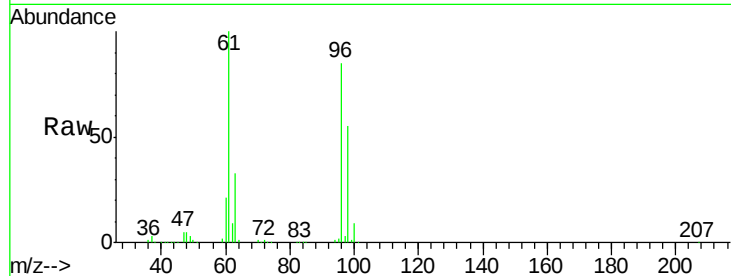
cis-1,2-Dichloroethene
 Concen: 303.143 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019550.D
 Acq: 23 Nov 2020 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20201118

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.1	0.0	279.2
98	63.5	0.0	129.8

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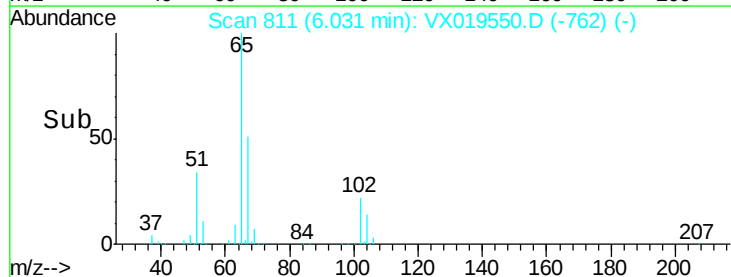
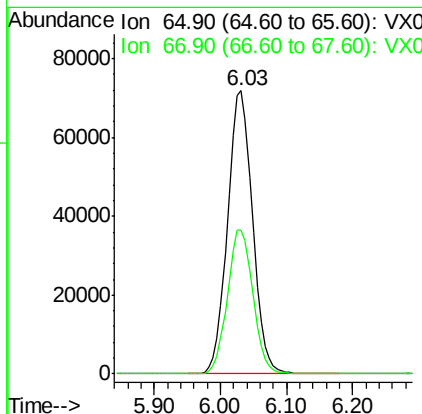
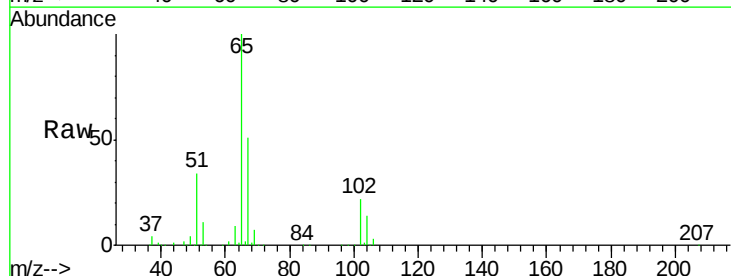
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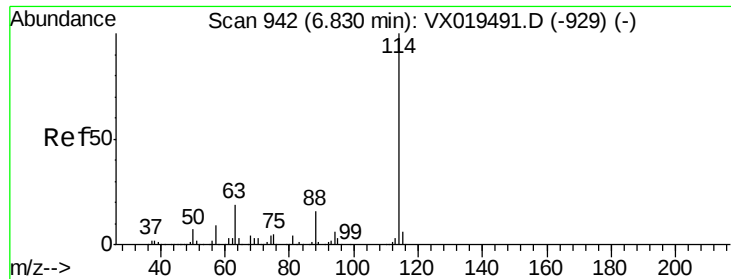


#33

1,2-Dichloroethane-d4
 Concen: 45.577 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019550.D
 Acq: 23 Nov 2020 15:05

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019550.D

Acq: 23 Nov 2020 15:05

Instrument :

MSVOA_X

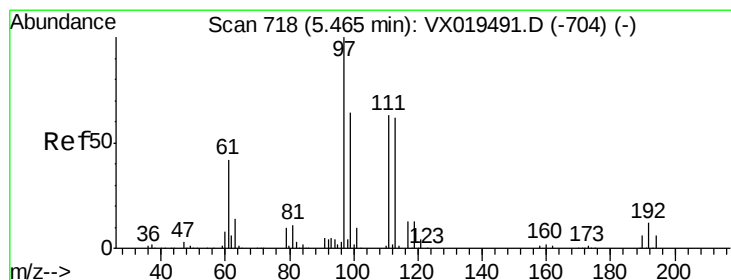
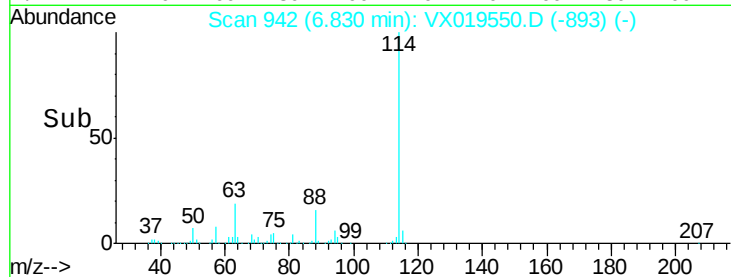
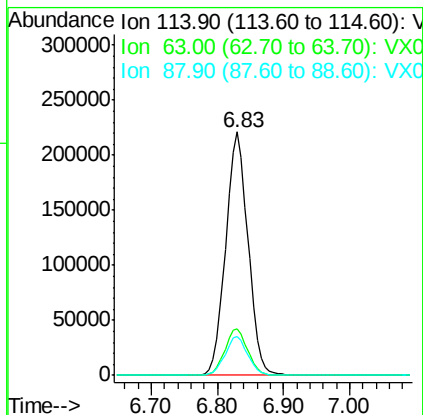
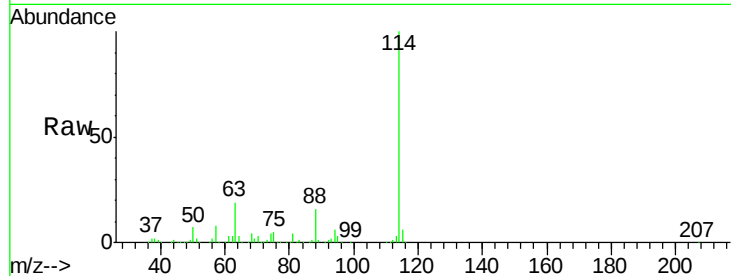
ClientSampleId :

29BR-20201118

Tot Ion	Ratio	Resp	Lower	Upper
114	100	517445		
63	19.3		0.0	38.8
88	16.2		0.0	31.6

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#35

Dibromofluoromethane

Concen: 46.658 ug/l

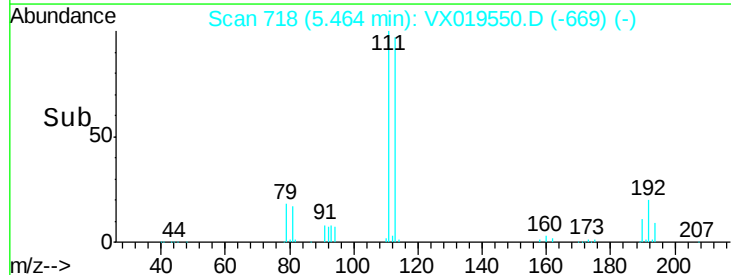
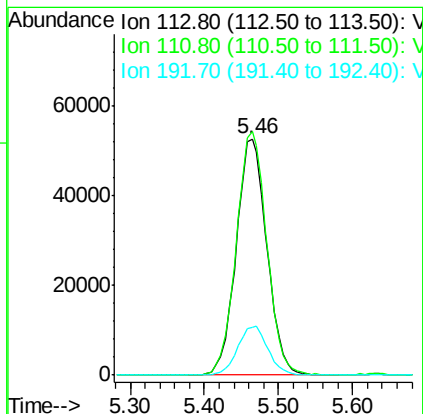
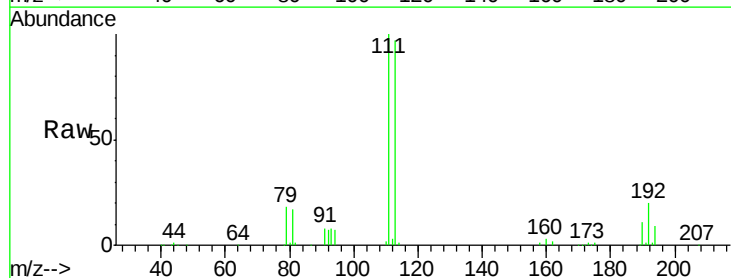
RT: 5.46 min Scan# 718

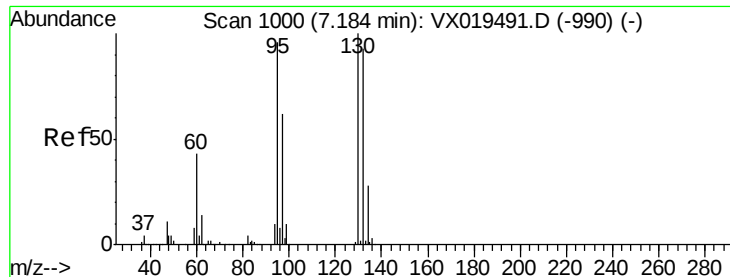
Delta R.T. -0.00 min

Lab File: VX019550.D

Acq: 23 Nov 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	151545		
111	102.7		81.5	122.3
192	20.6		16.2	24.2





#44

Trichloroethene

Concen: 2929.351 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX019550.D

Acq: 23 Nov 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

29BR-20201118

Tot Ion:130 Resp:11436661

Ion Ratio Lower Upper

130 100

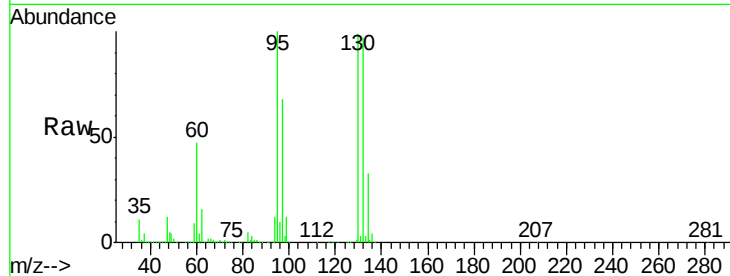
95 101.0 0.0 191.2

Manual Integrations

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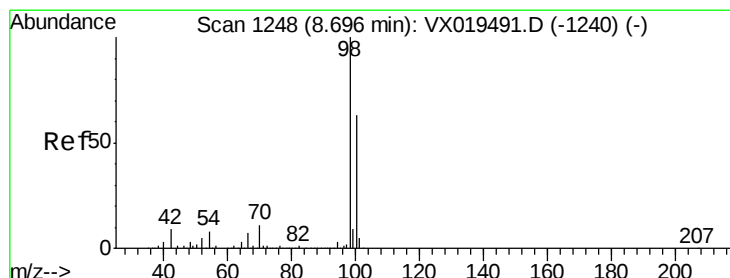
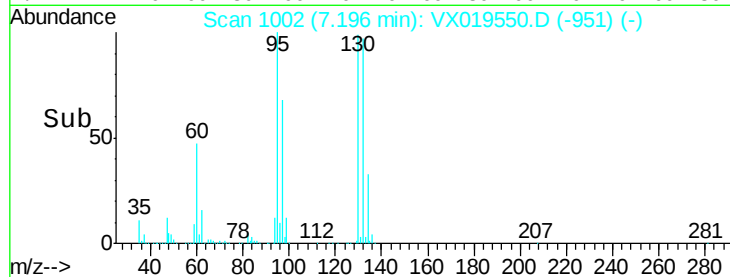
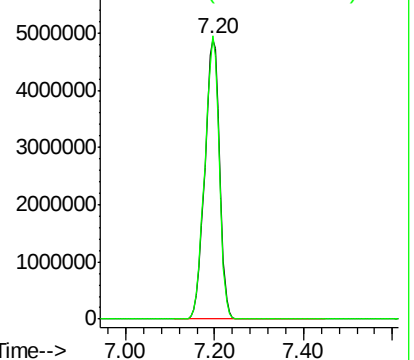
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 46.517 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019550.D

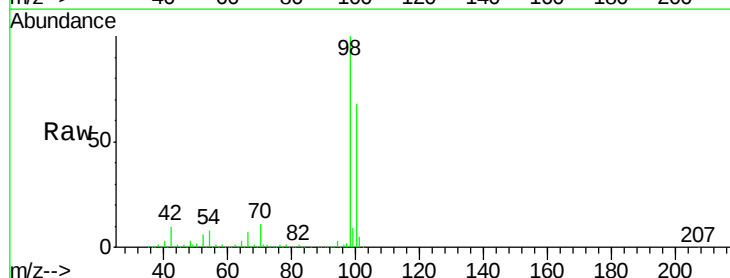
Acq: 23 Nov 2020 15:05

Tgt Ion: 98 Resp: 587110

Ion Ratio Lower Upper

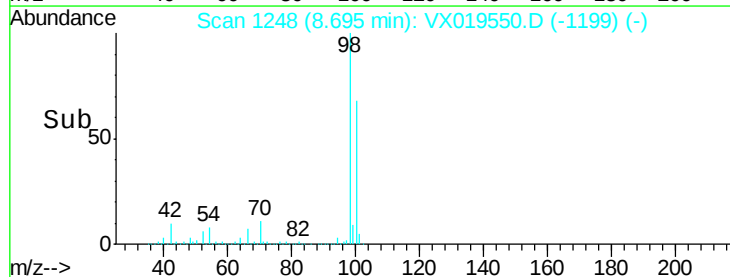
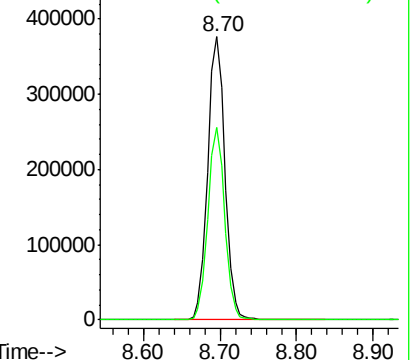
98 100

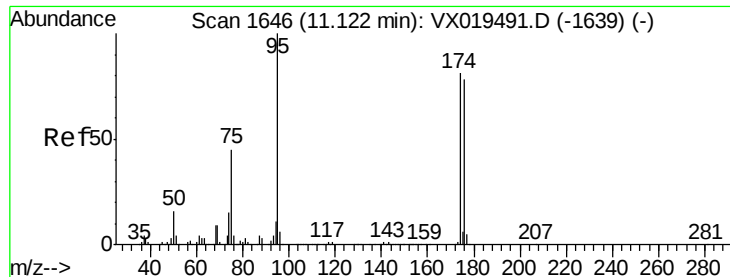
100 66.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





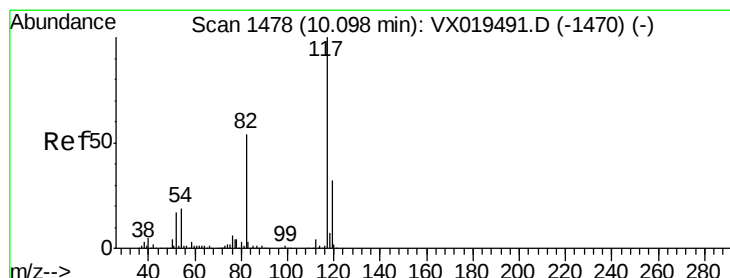
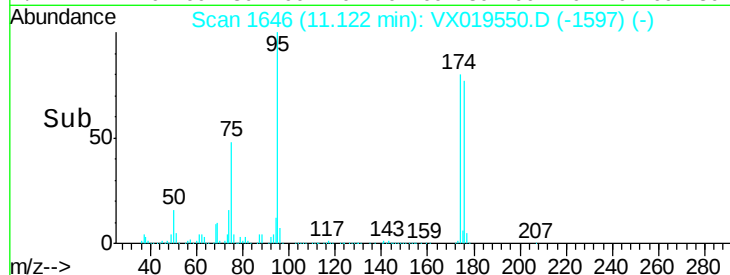
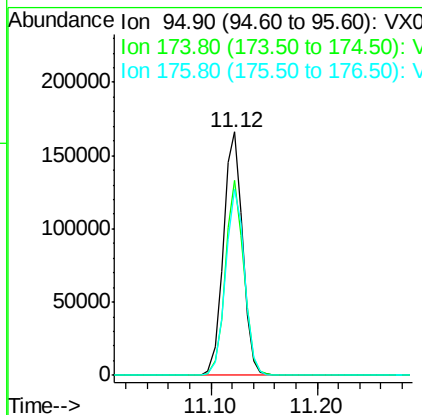
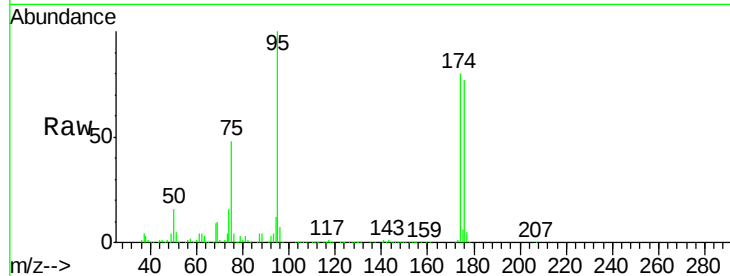
#62
4-Bromofluorobenzene
Concen: 46.132 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019550.D
Acq: 23 Nov 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
29BR-20201118

Tot Ion	Ratio	Resp	Lower	Upper
95	100	209488		
174	77.0	0.0	156.2	
176	76.0	0.0	151.4	

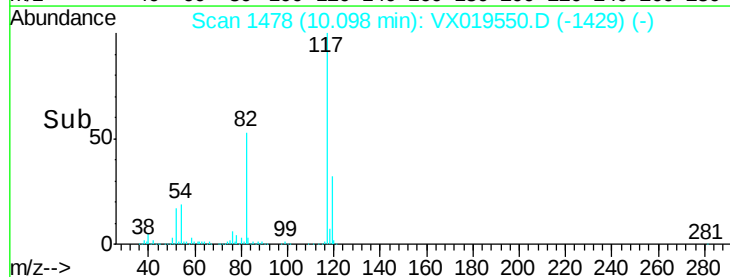
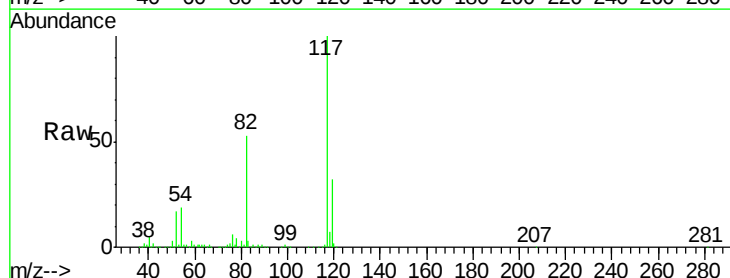
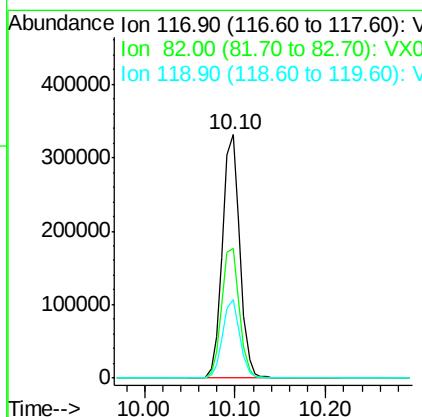
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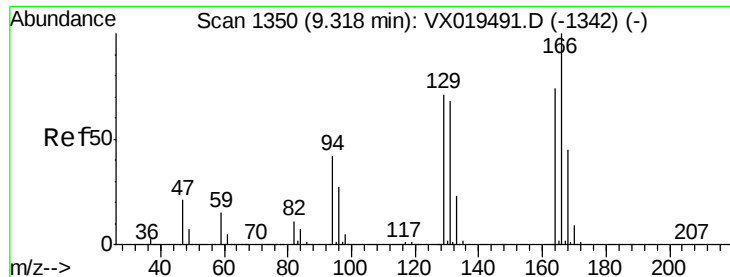
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019550.D
Acq: 23 Nov 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	442672		
82	53.0	43.0	64.4	
119	32.2	25.6	38.4	





#64

Tetrachloroethene

Concen: 0.324 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019550.D

Acq: 23 Nov 2020 15:05

Instrument :

MSVOA_X

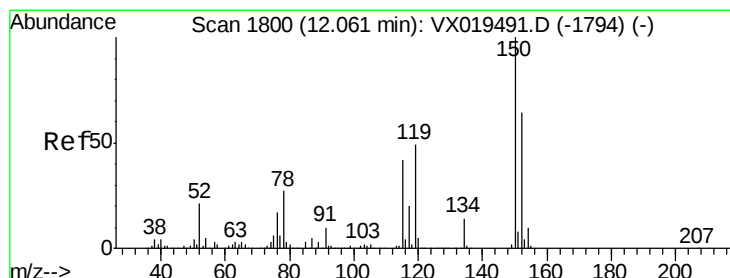
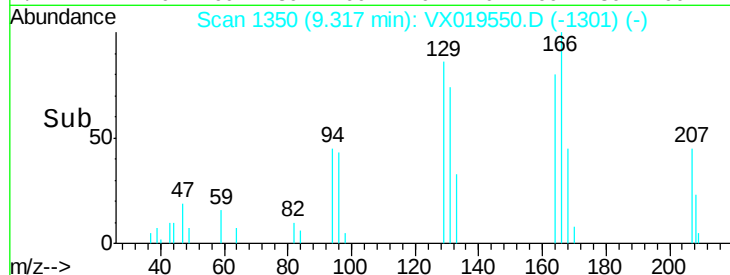
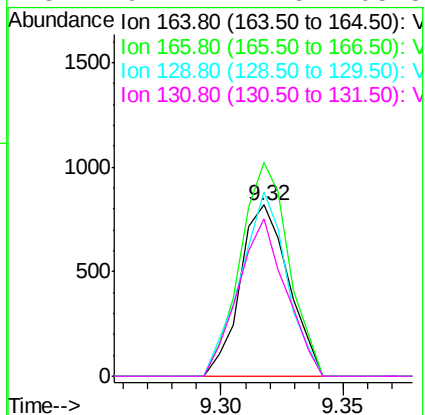
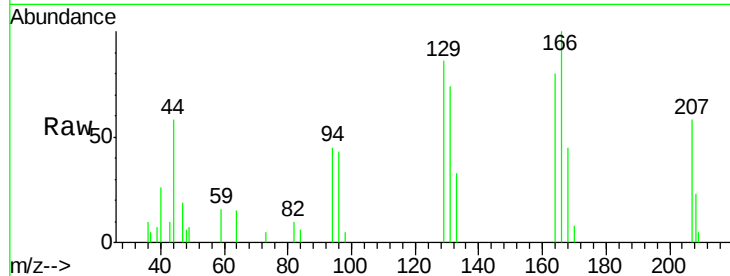
ClientSampleId :

29BR-20201118

Tot Ion	164	Resp	1129
Ion	Ratio	Lower	Upper
164	100		
166	124.9	107.4	161.0
129	107.5	76.6	114.8
131	92.4	72.6	108.8

Manual Integrations
APPROVED

MMDadoda
11/24/2020 2:59:43 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019550.D

Acq: 23 Nov 2020 15:05

Tgt Ion	152	Resp	195108
Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.8	125.4
150	157.3	0.0	348.2

