

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019556.D
 Acq On : 23 Nov 2020 17:26
 Operator : JC/MD
 Sample : L4798-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20201118

Manual Integrations
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 11/24/2020 2:59:52 PM

Quant Time: Nov 24 05:12:00 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	315199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	505176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	432171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184908	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	187492	45.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.76%		
35) Dibromofluoromethane	5.46	113	151460	47.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.52%		
50) Toluene-d8	8.70	98	589458	47.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.68%		
62) 4-Bromofluorobenzene	11.12	95	201899	45.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.08%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	43577m	14.217	ug/l	
4) Vinyl Chloride	1.39	62	539043	142.366	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	48489	15.904	ug/l	98
12) 1,1-Dichloroethene	2.34	96	60929	19.471	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	75048	21.167	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	9043779	2220.641	ug/l	88
29) Tetrahydrofuran	5.10	42	3029	2.000	ug/l	94
44) Trichloroethene	7.20	130	10309700	2704.829	ug/l	97
64) Tetrachloroethene	9.32	164	2121	0.624	ug/l	96

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

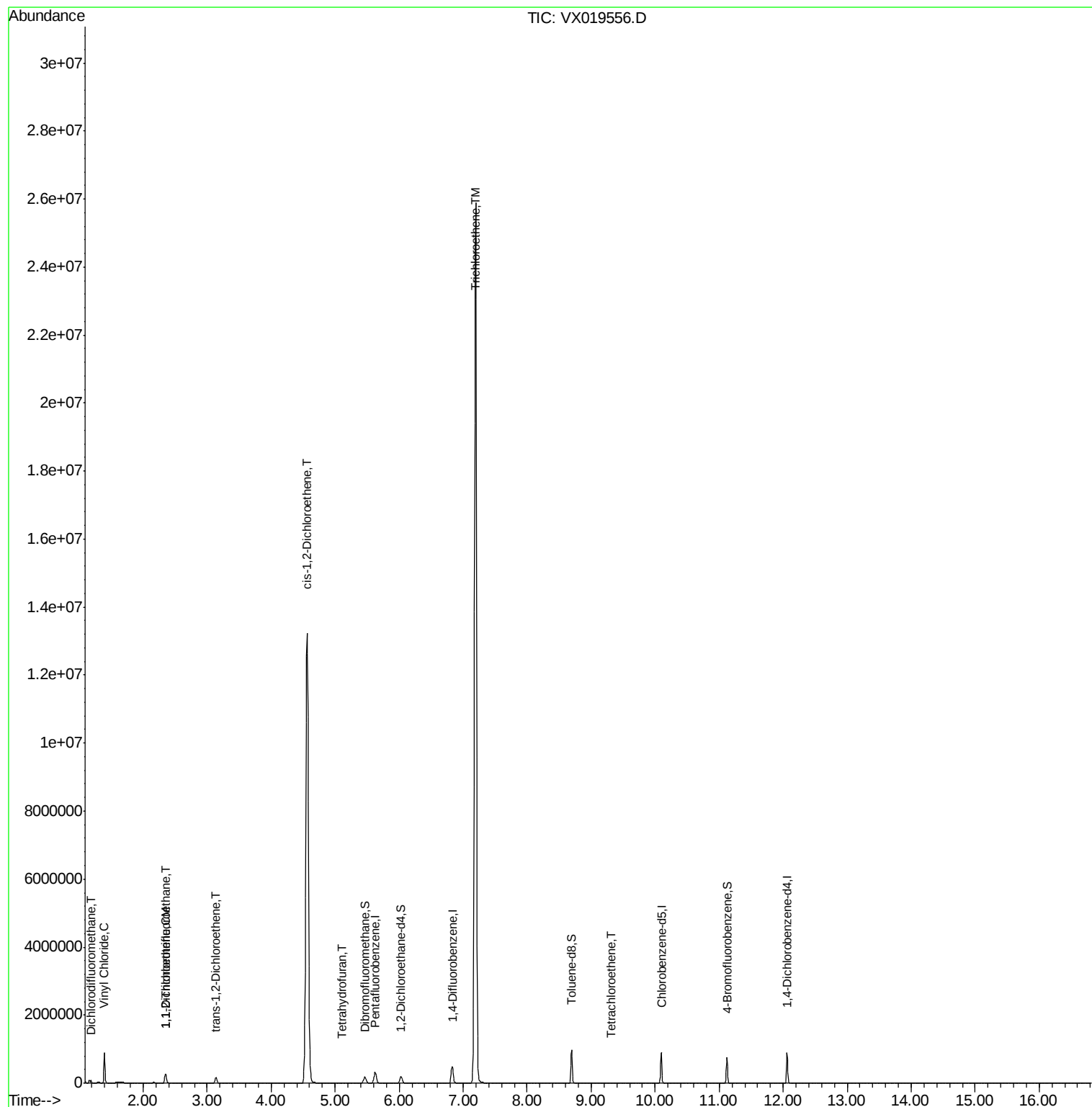
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112320\
Data File : VX019556.D
Acq On : 23 Nov 2020 17:26
Operator : JC/MD
Sample : L4798-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

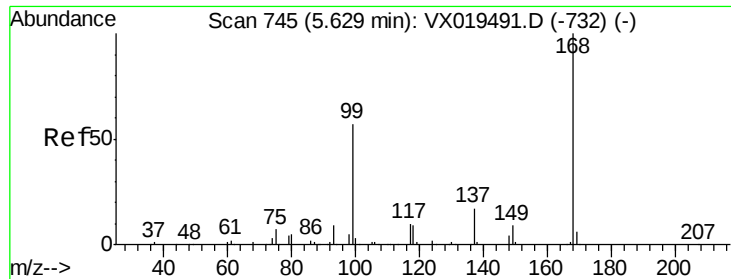
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

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Quant Time: Nov 24 05:12:00 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: VX019556.D

Acq: 23 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20201118

Tot Ion:168 Resp: 315199

Ion Ratio Lower Upper

168 100

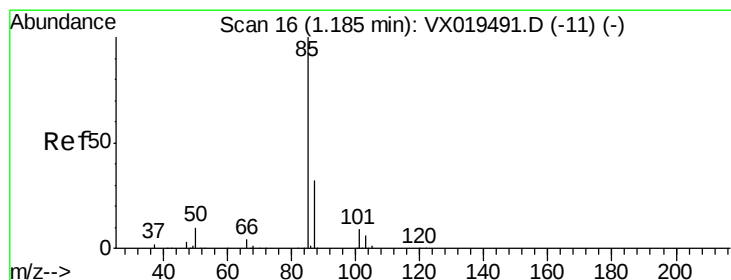
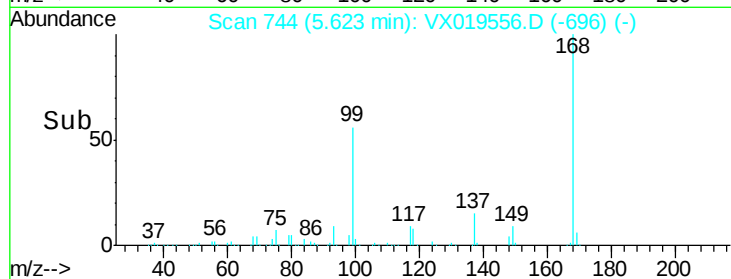
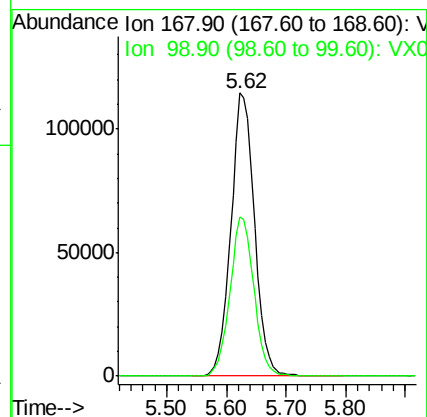
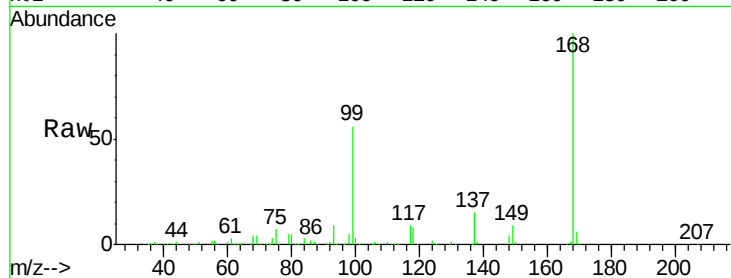
99 56.4 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 14.217 ug/l m

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019556.D

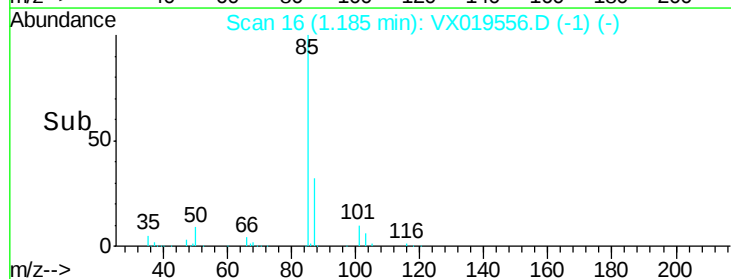
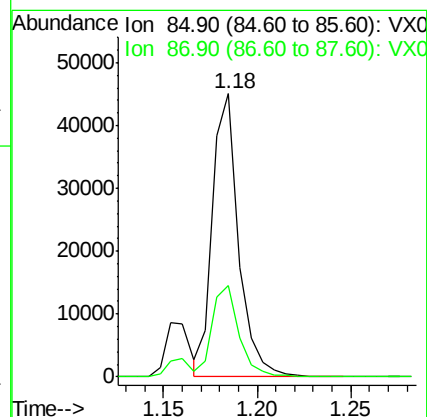
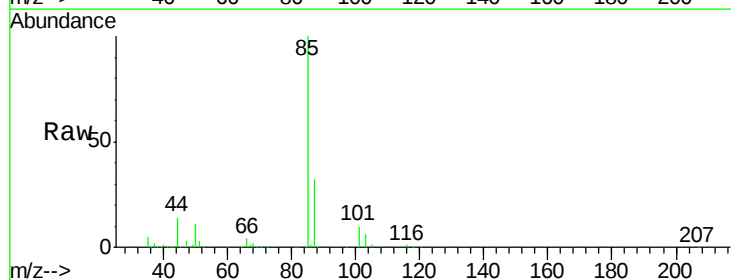
Acq: 23 Nov 2020 17:26

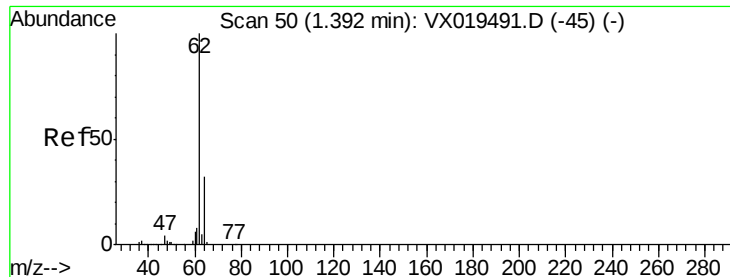
Tgt Ion: 85 Resp: 43577

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9





#4

Vinyl Chloride

Concen: 142.366 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019556.D

Acq: 23 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20201118

Tot Ion: 62 Resp: 539043

Ion Ratio Lower Upper

62 100

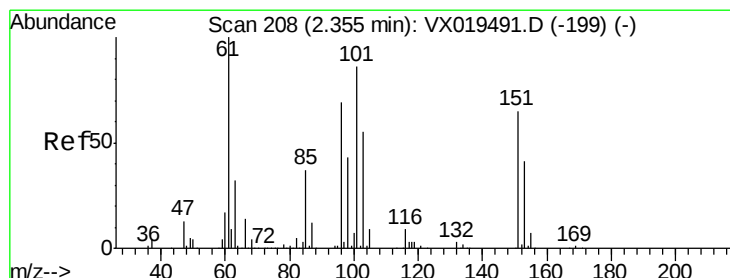
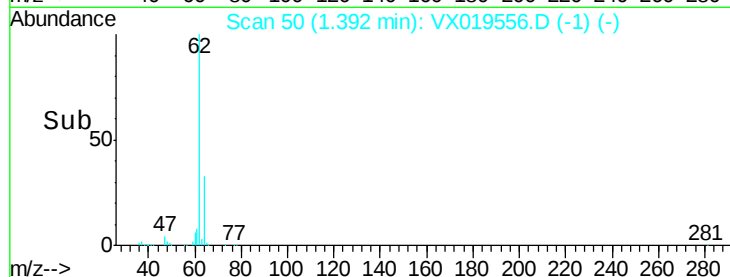
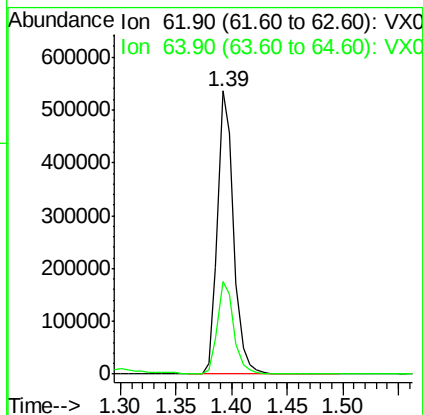
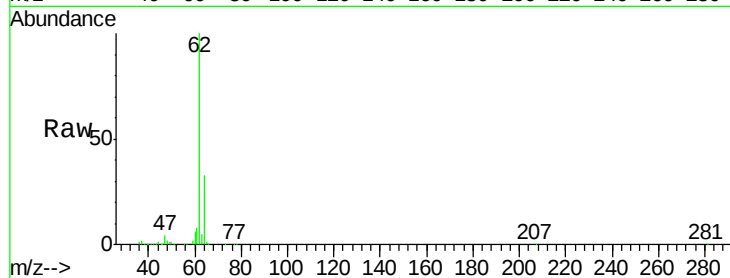
64 32.5 25.4 38.2

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.904 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019556.D

Acq: 23 Nov 2020 17:26

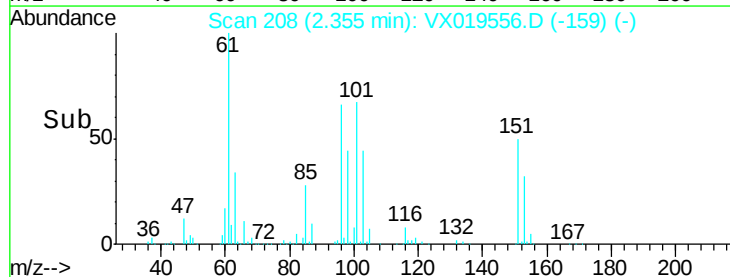
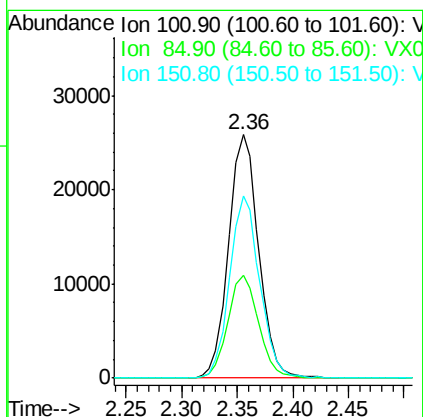
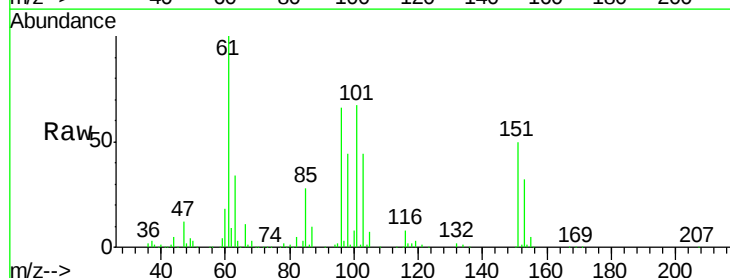
Tgt Ion: 101 Resp: 48489

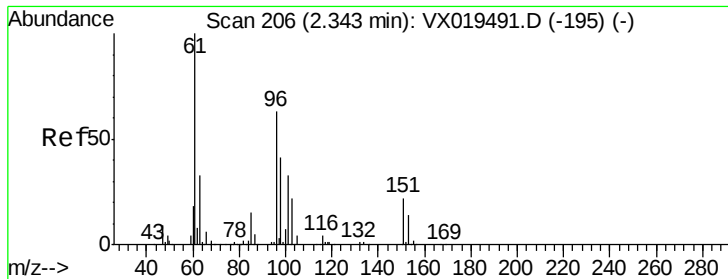
Ion Ratio Lower Upper

101 100

85 43.1 33.9 50.9

151 74.6 60.9 91.3





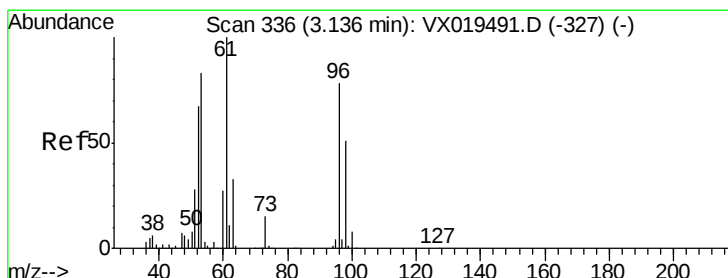
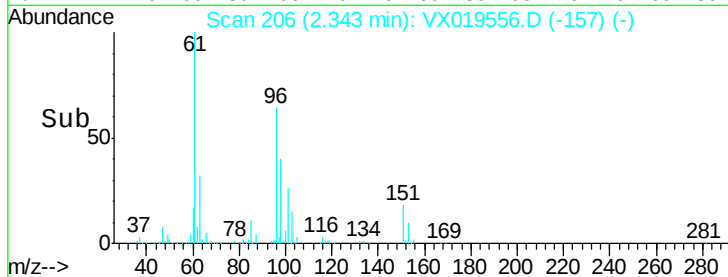
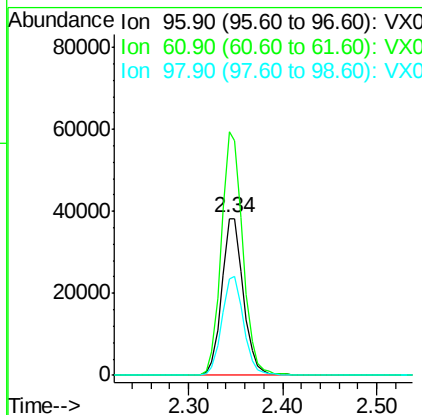
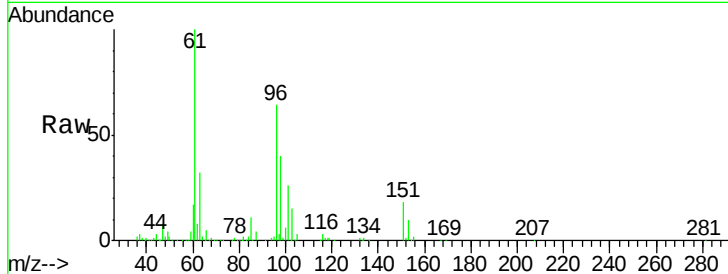
#12
 1,1-Dichloroethene
 Concen: 19.471 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019556.D
 Acq: 23 Nov 2020 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20201118

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	155.5	126.0	189.0		
98	61.8	52.0	78.0		

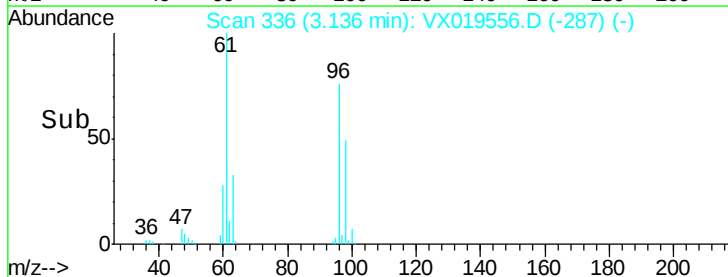
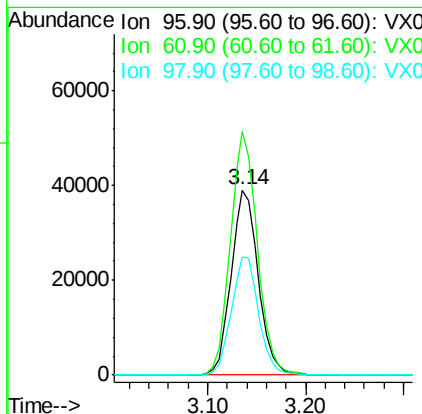
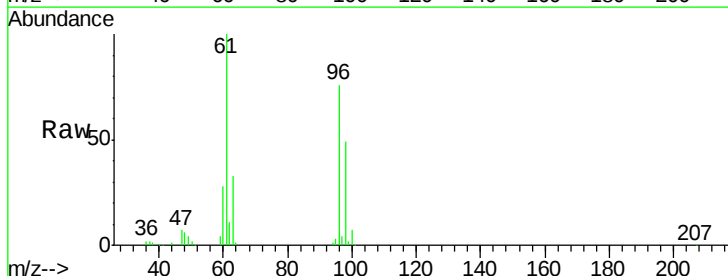
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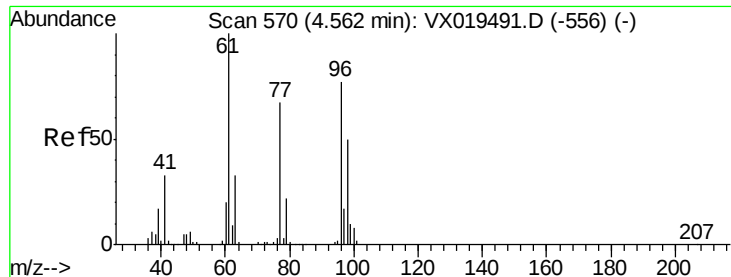
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#21
 trans-1,2-Dichloroethene
 Concen: 21.167 ug/l
 RT: 3.14 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX019556.D
 Acq: 23 Nov 2020 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	131.6	102.9	154.3		
98	63.9	52.1	78.1		





#27

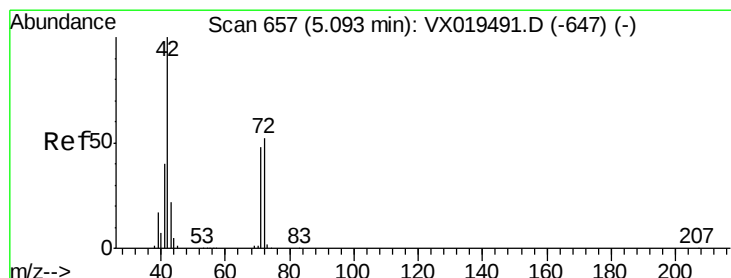
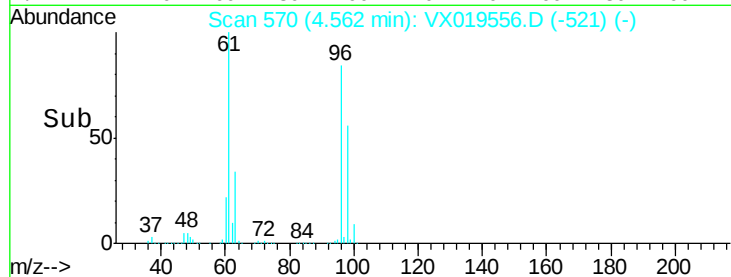
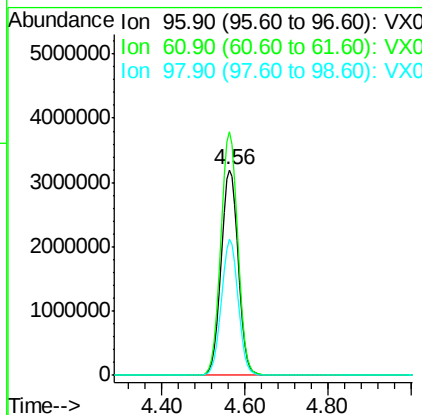
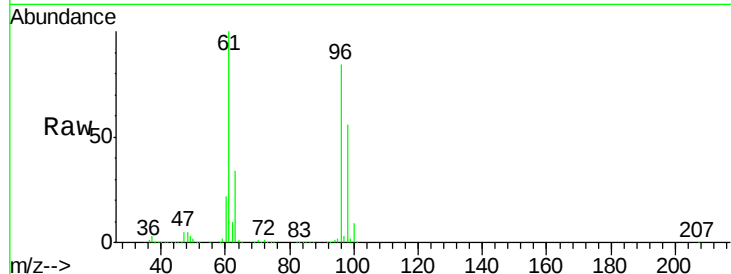
cis-1,2-Dichloroethene
 Concen: 2220.641 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019556.D
 Acq: 23 Nov 2020 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20201118

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.0	0.0	279.2
98	65.1	0.0	129.8

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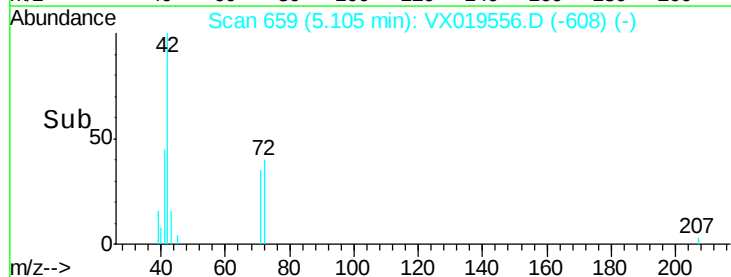
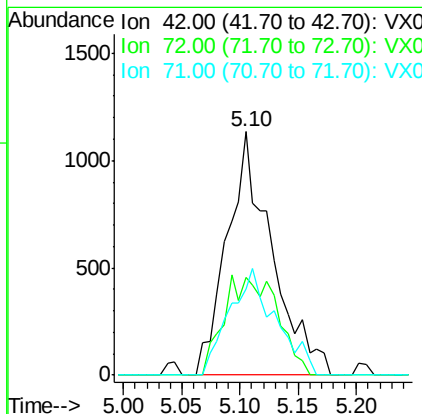
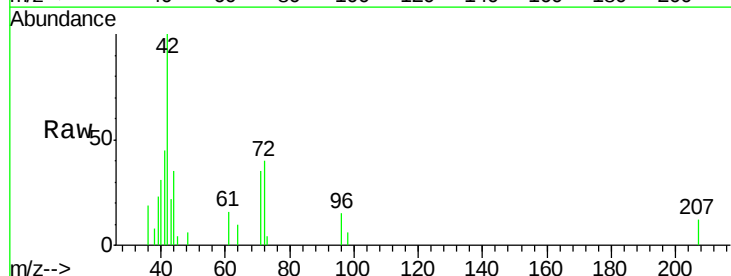
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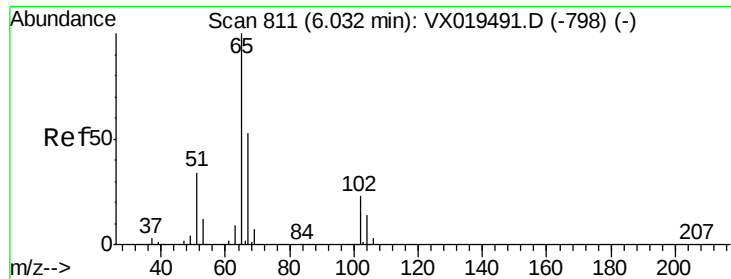


#29

Tetrahydrofuran
 Concen: 2.000 ug/l
 RT: 5.10 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX019556.D
 Acq: 23 Nov 2020 17:26

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.7	42.6	63.8
71	45.3	39.0	58.6





#33

1,2-Dichloroethane-d4

Concen: 45.877 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019556.D

Acq: 23 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20201118

Tot Ion: 65 Resp: 187492

Ion Ratio Lower Upper

65 100

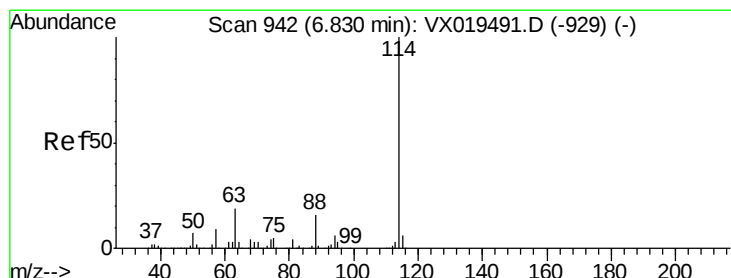
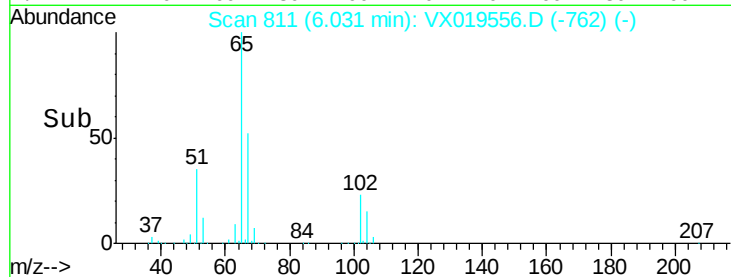
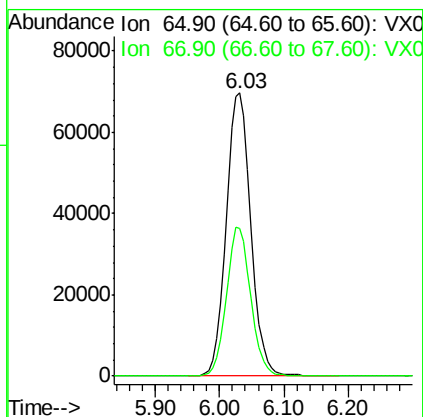
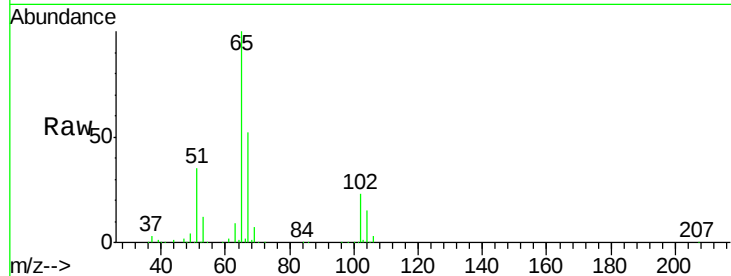
67 51.8 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019556.D

Acq: 23 Nov 2020 17:26

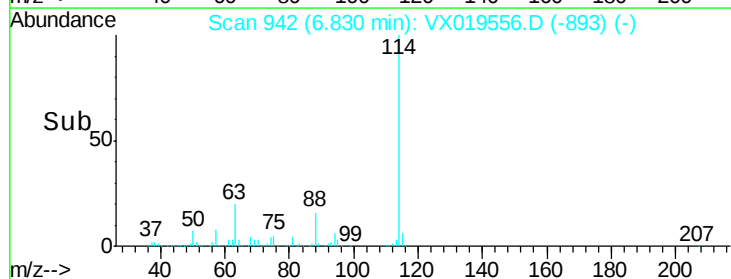
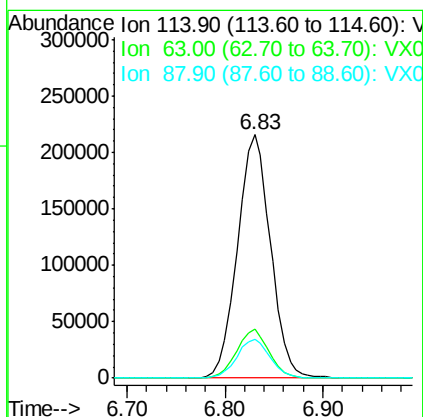
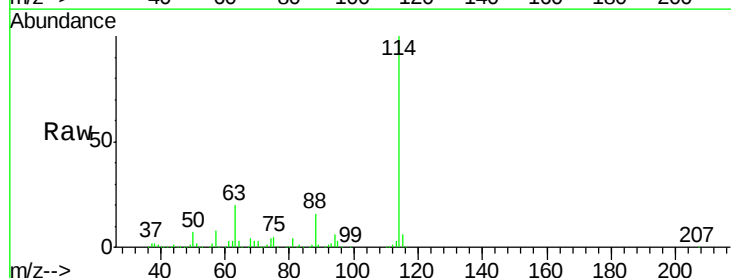
Tgt Ion: 114 Resp: 505176

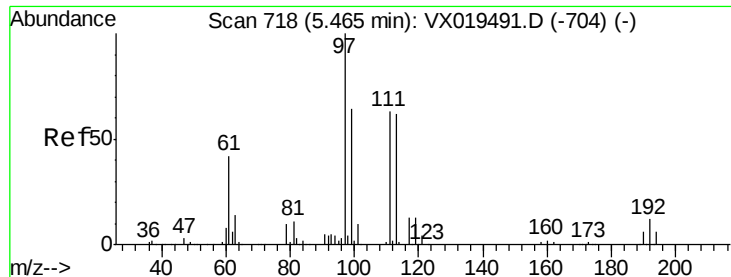
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

88 16.2 0.0 31.6





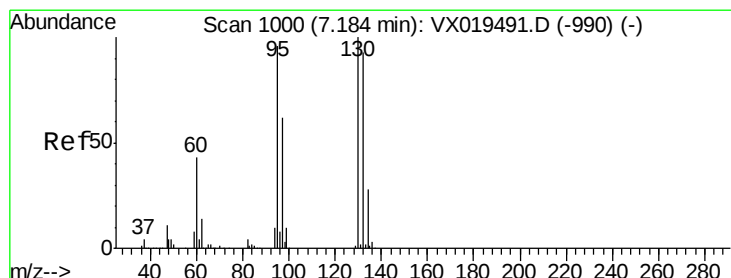
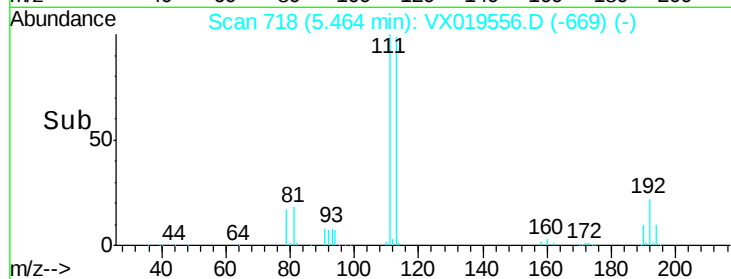
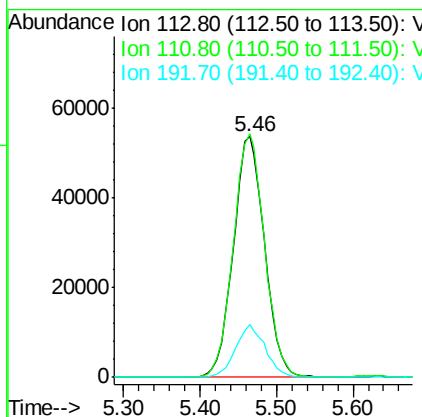
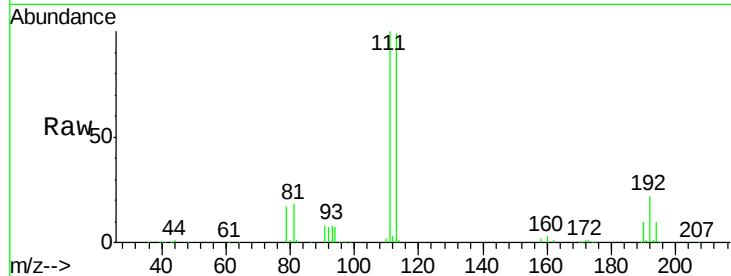
#35
Dibromofluoromethane
Concen: 47.764 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151460		
111	101.4	81.5	122.3	
192	20.7	16.2	24.2	

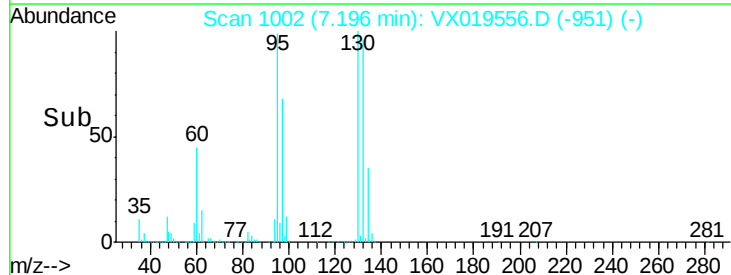
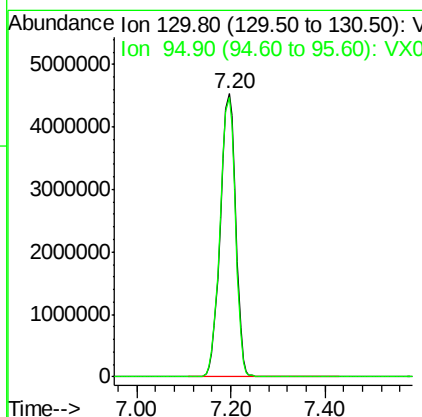
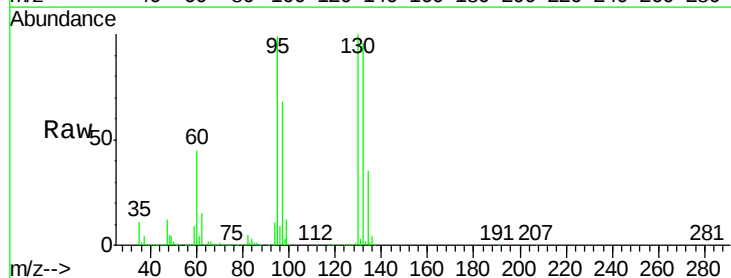
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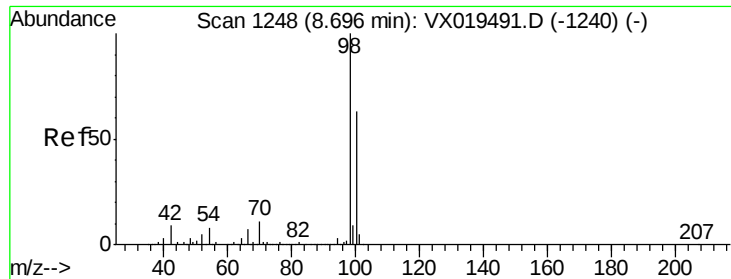
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#44
Trichloroethene
Concen: 2704.829 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	10309700		
95	98.7	0.0	191.2	





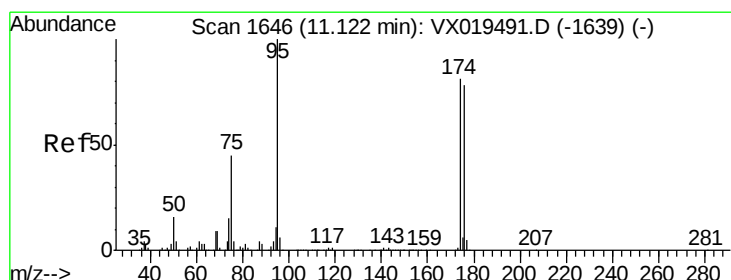
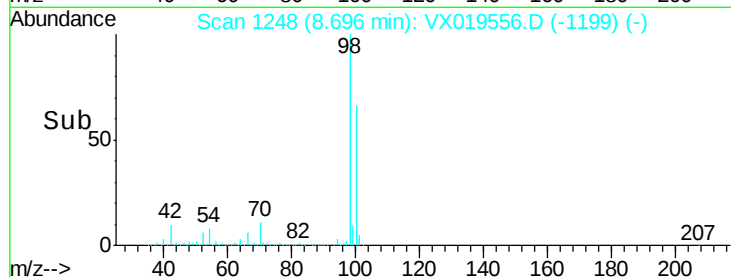
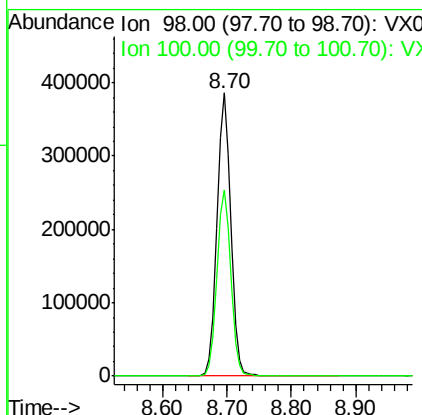
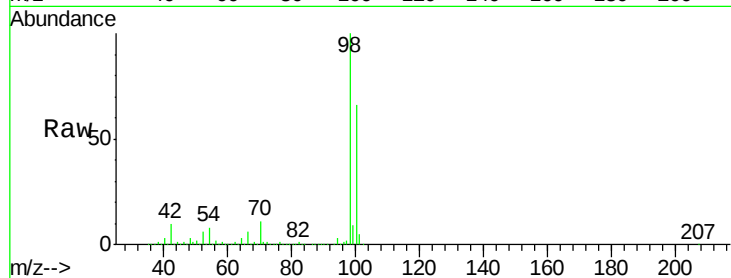
#50
Toluene-d8
Concen: 47.837 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		589458		
100	66.2	52.4	78.6		

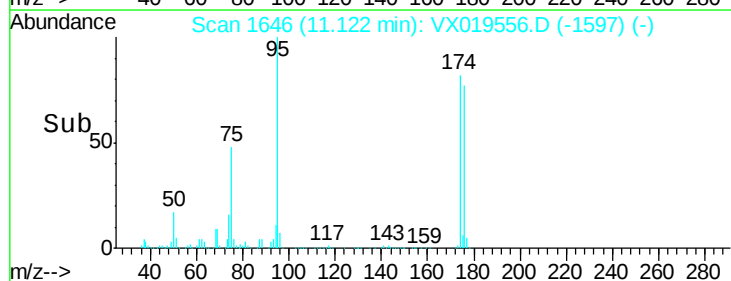
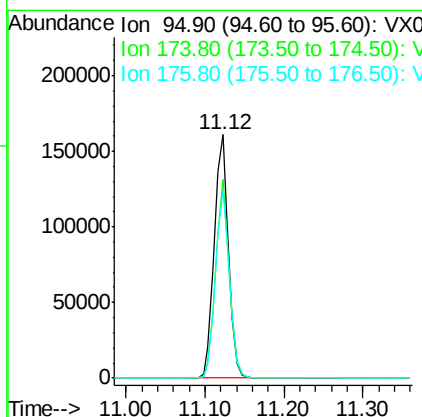
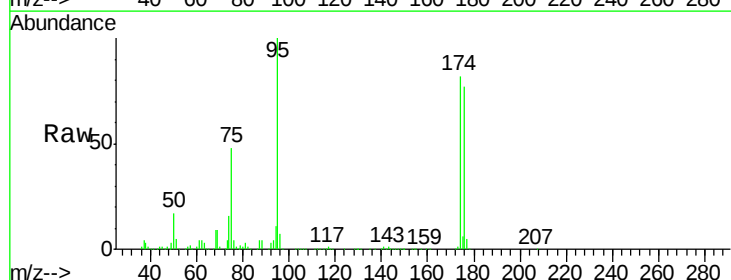
Manual Integrations
APPROVED

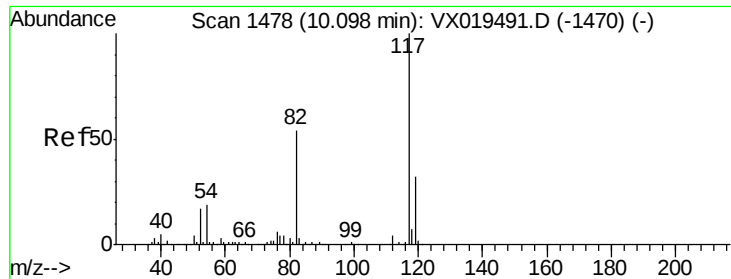
MMDadoda
11/24/2020 2:59:52 PM



#62
4-Bromofluorobenzene
Concen: 45.541 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		201899		
174	78.6	0.0	156.2		
176	76.5	0.0	151.4		





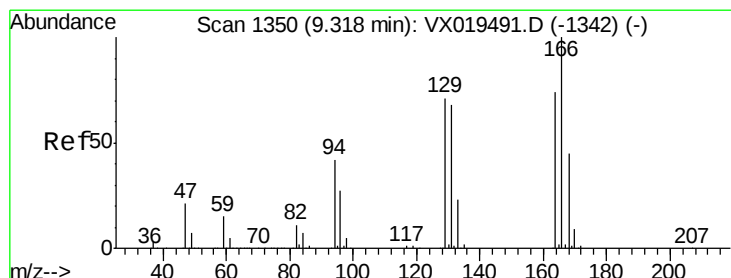
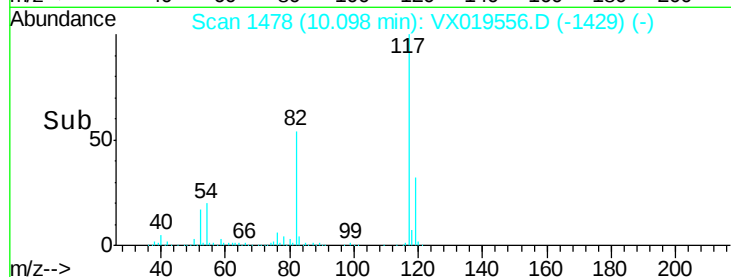
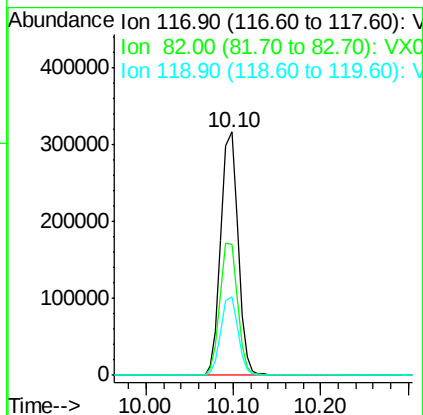
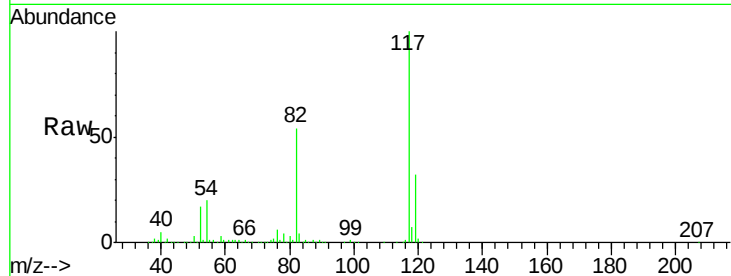
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tot Ion	Ratio	Resp	Lower	Upper
117	100	432171		
82	53.8		43.0	64.4
119	32.4		25.6	38.4

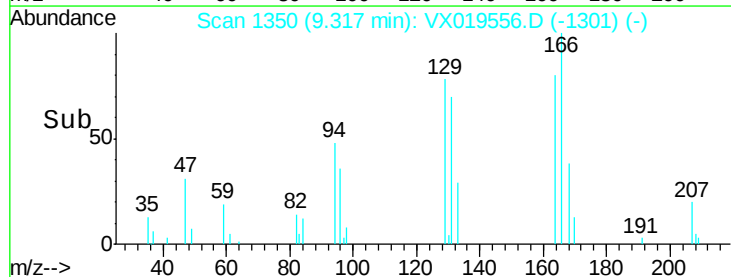
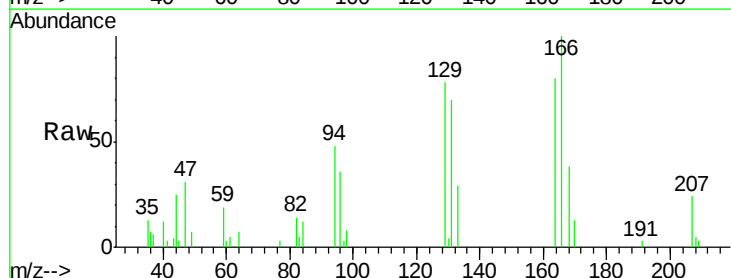
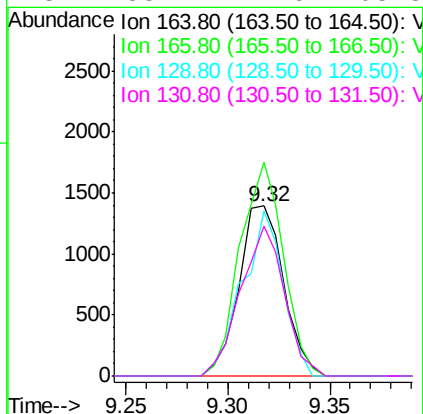
Manual Integrations
APPROVED

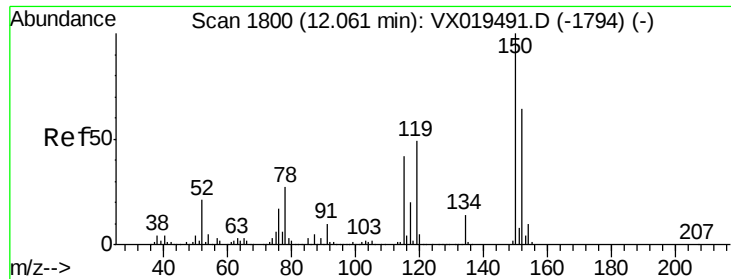
MMDadoda
11/24/2020 2:59:52 PM



#64
Tetrachloroethene
Concen: 0.624 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	2121		
166	125.7		107.4	161.0
129	97.5		76.6	114.8
131	88.2		72.6	108.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019556.D

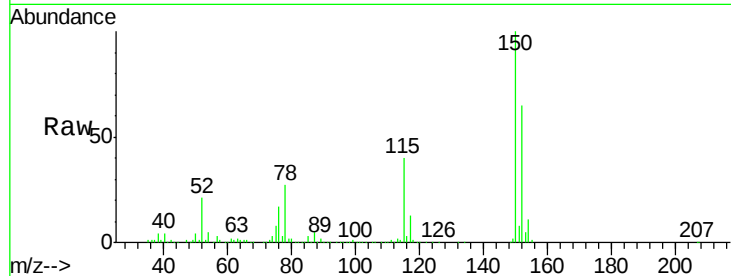
Acq: 23 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20201118



Tot Ion	Ratio	Resp	Lower	Upper
152	100			
115	60.3	41.8	125.4	
150	158.3	0.0	348.2	

Manual Integrations
APPROVED

MMDadoda
11/24/2020 2:59:52 PM

