

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033870.D
 Acq On : 30 May 2019 14:35
 Operator : SY/AP
 Sample : K3067-09DL DUP 8X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-23-20190523-0

Manual Integrations
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Quant Time: May 31 08:14:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	651861	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1450120	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1461296	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1196466	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.67	45	22379m	2.180	ppbv	
15) Acetone	3.91	43	74787	0.827	ppbv	96
19) Isopropyl Alcohol	4.05	45	22921m	0.393	ppbv	
26) Hexane	5.77	57	80685	1.181	ppbv #	38
32) 1,1,1-Trichloroethane	6.61	97	13085m	0.104	ppbv	
52) Tetrachloroethene	11.36	164	63404	1.367	ppbv	93

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

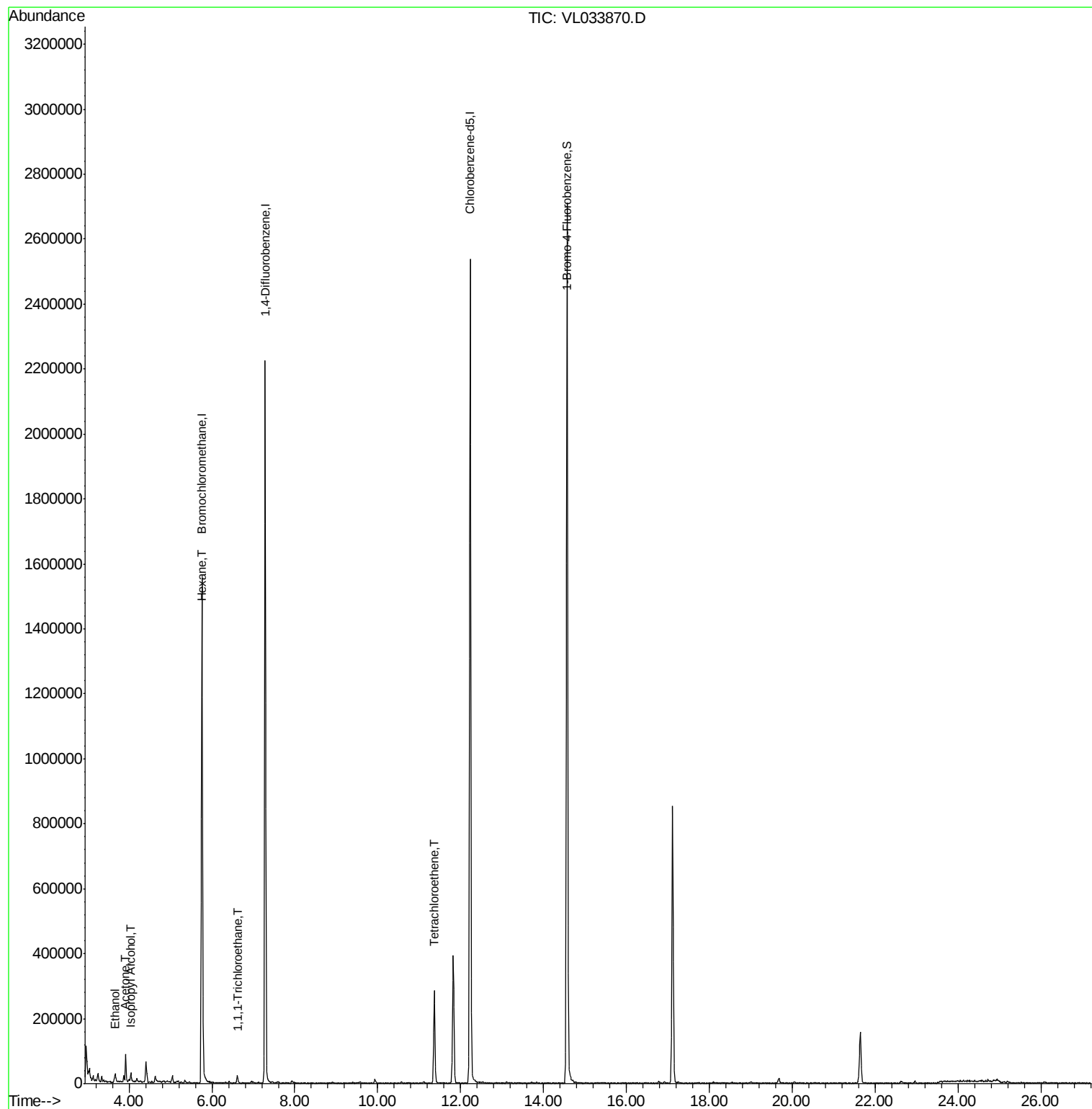
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052919\
Data File : VL033870.D
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Misc : 400ml/MSVOA L
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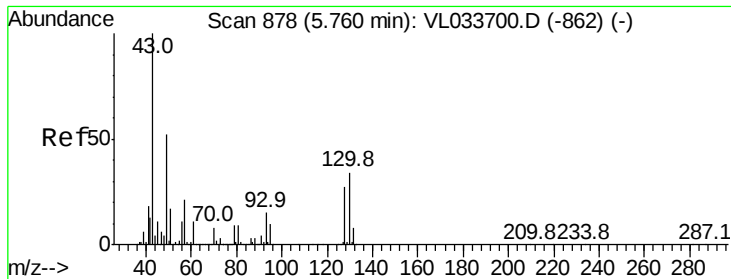
Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-0

Quant Time: May 31 08:14:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

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#1

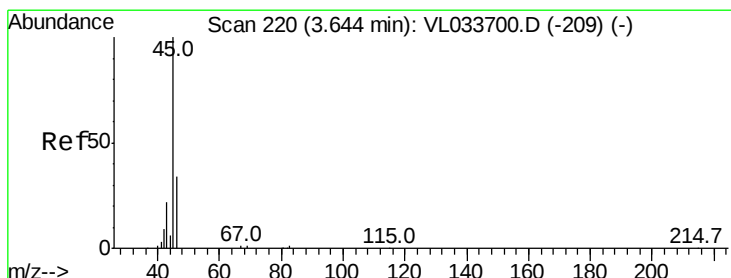
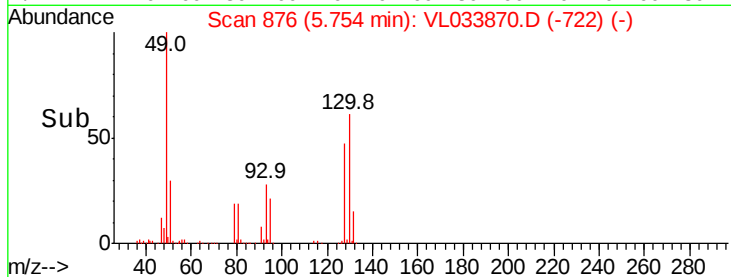
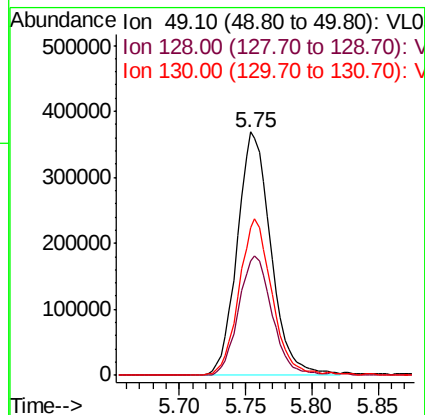
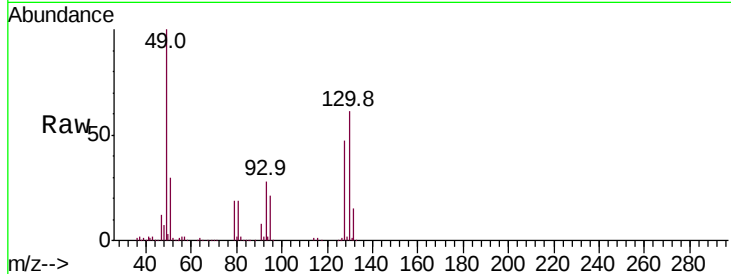
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.75 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VL033870.D
 Acq: 30 May 2019 14:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-23-20190523-0

Tot Ion	Ratio	Lower	Upper
49	100		
128	49.5	25.2	75.6
130	63.5	32.5	97.5

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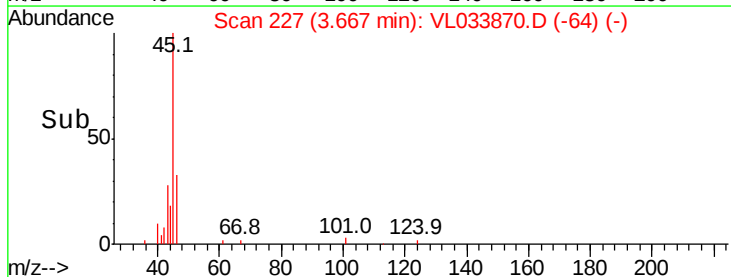
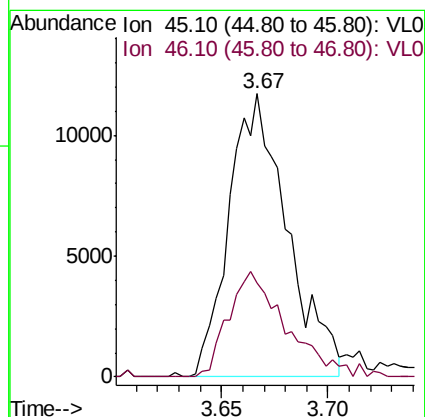
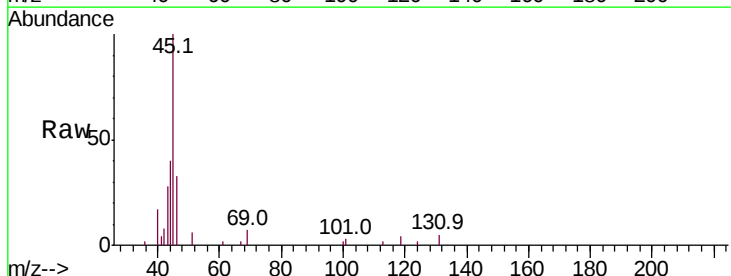
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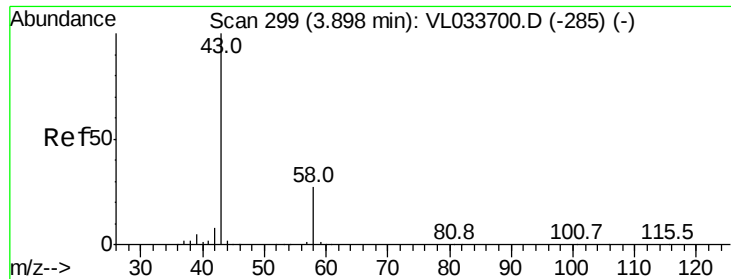


#13

Ethanol
 Concen: 2.180 ppbv m
 RT: 3.67 min Scan# 227
 Delta R.T. 0.02 min
 Lab File: VL033870.D
 Acq: 30 May 2019 14:35

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.3	14.8	59.0





#15

Acetone

Concen: 0.827 ppbv

RT: 3.91 min Scan# 304

Delta R.T. 0.02 min

Lab File: VL033870.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_L

ClientSampleId :

SG-23-20190523-0

Tot Ion: 43 Resp: 74787

Ion Ratio Lower Upper

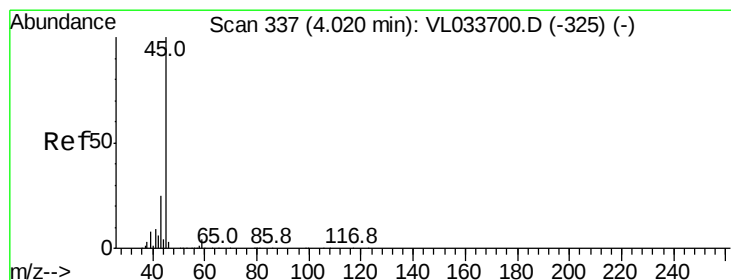
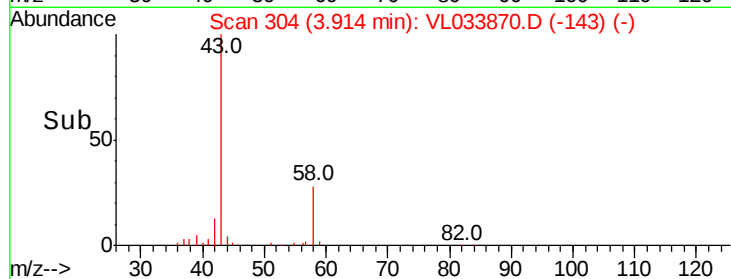
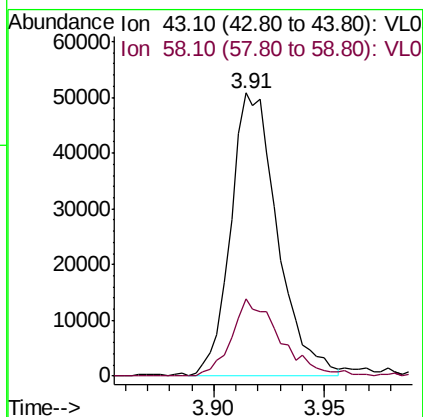
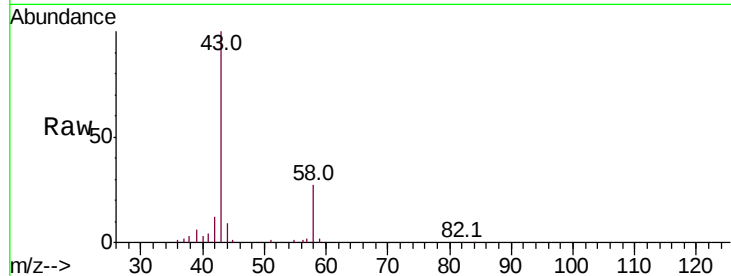
43 100

58 28.4 21.3 31.9

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#19

Isopropyl Alcohol

Concen: 0.393 ppbv m

RT: 4.05 min Scan# 345

Delta R.T. 0.03 min

Lab File: VL033870.D

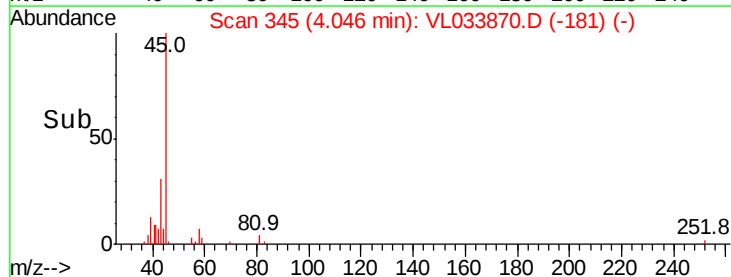
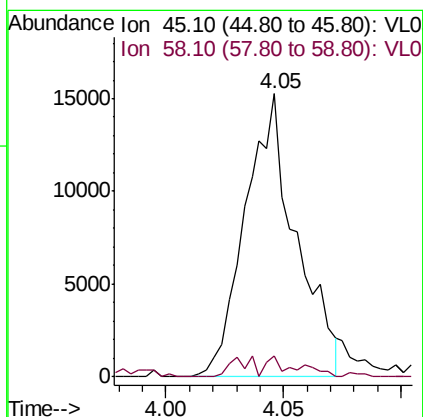
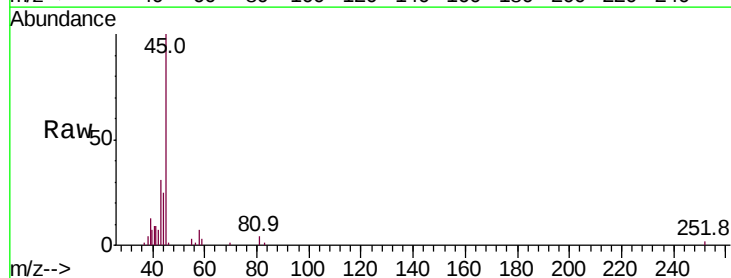
Acq: 30 May 2019 14:35

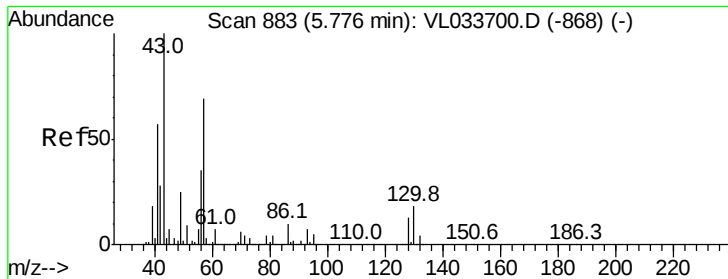
Tgt Ion: 45 Resp: 22921

Ion Ratio Lower Upper

45 100

58 7.6 1.6 2.4#





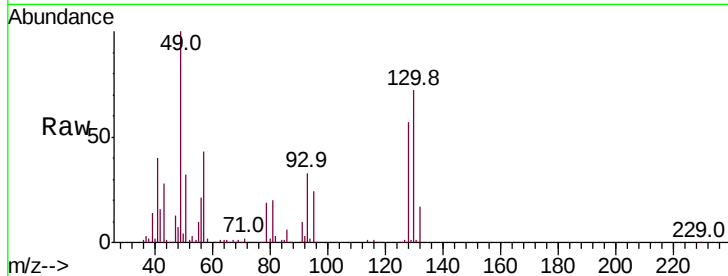
#26
Hexane
Concen: 1.181 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033870.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-0

Tot Ion	Ratio	Lower	Upper
57	100		
41	103.3	69.8	104.6
43	76.4	181.8	272.6#
56	59.1	42.1	63.1

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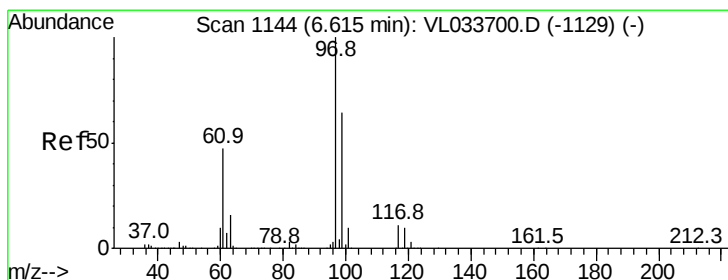
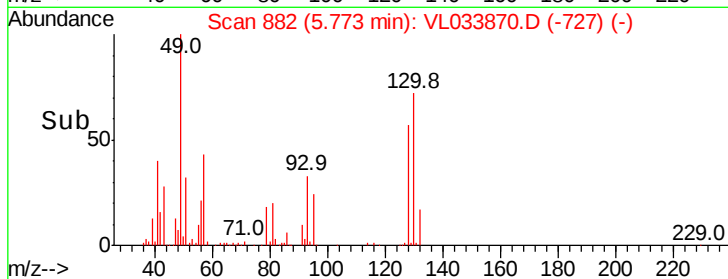
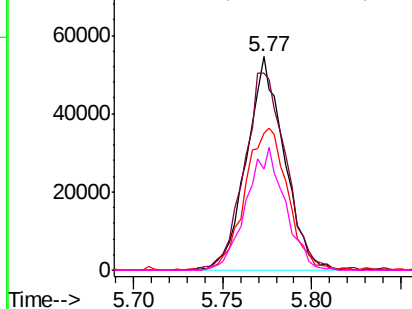
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#32
1,1,1-Trichloroethane
Concen: 0.104 ppbv m
RT: 6.61 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VL033870.D
Acq: 30 May 2019 14:35

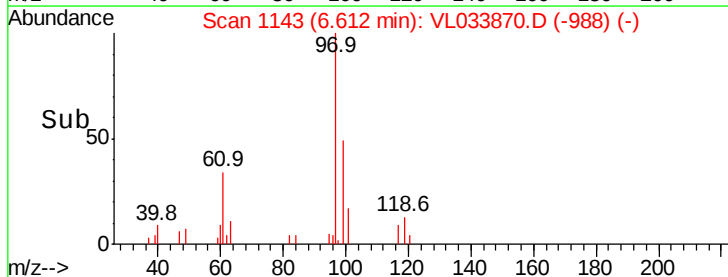
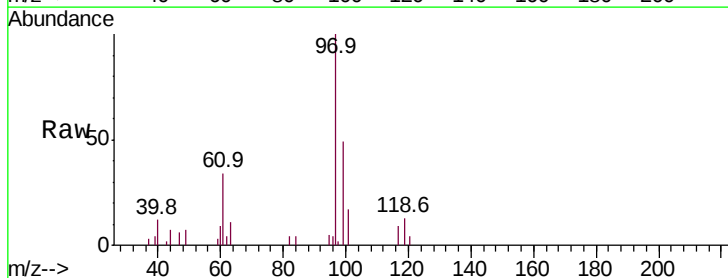
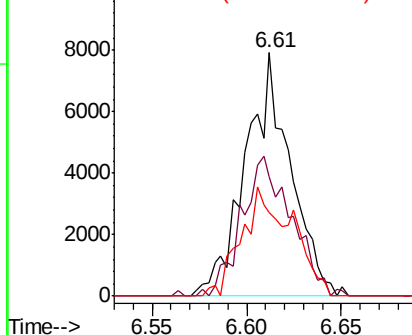
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	50.2	37.8	56.8

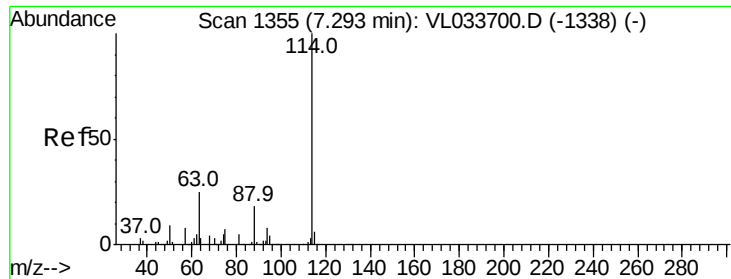
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0





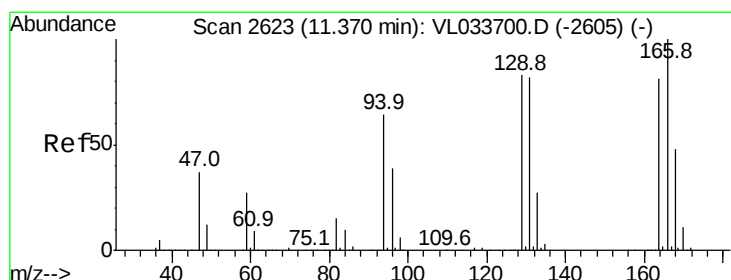
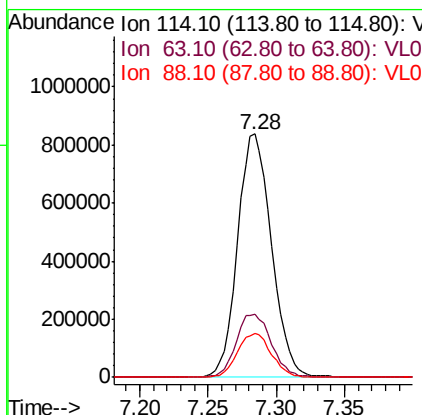
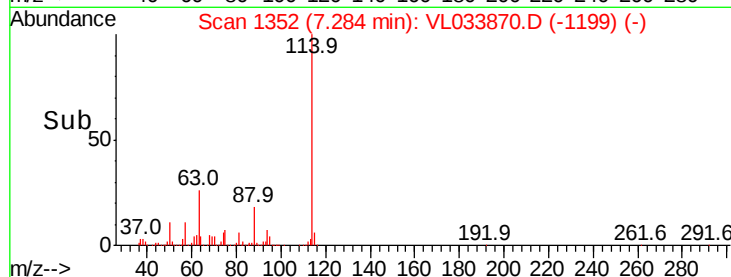
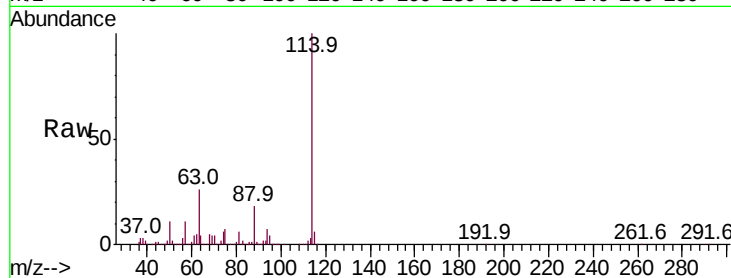
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033870.D
 Acq: 30 May 2019 14:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-23-20190523-0

Tot Ion:	114	Resp:	1450120
Ion	Ratio	Lower	Upper
114	100		
63	26.9	20.9	31.3
88	18.1	14.3	21.5

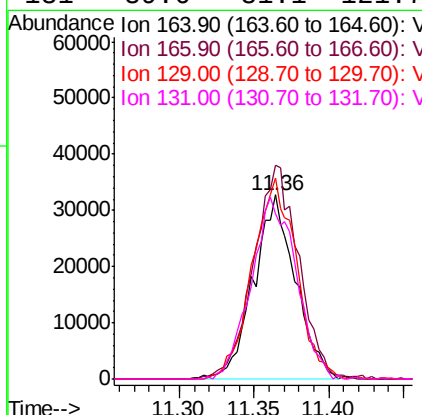
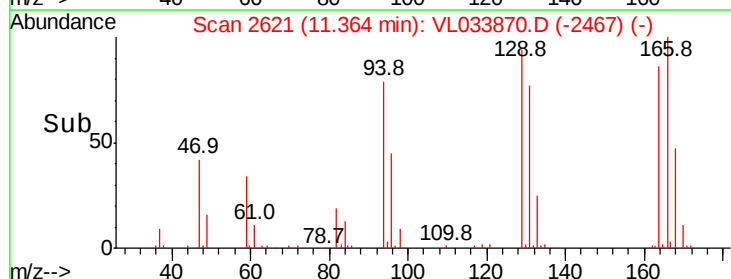
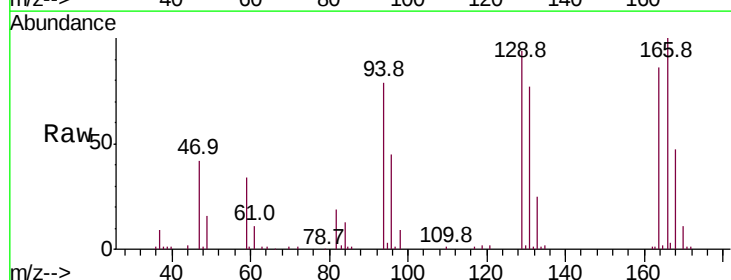
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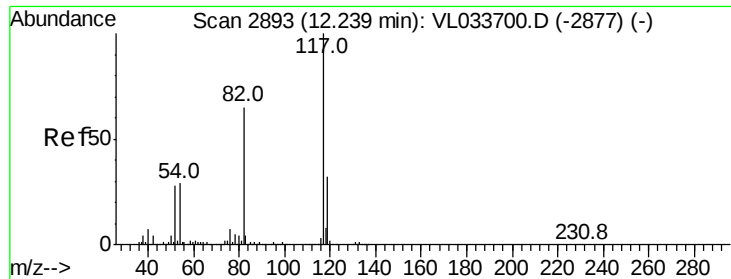
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#52
 Tetrachloroethene
 Concen: 1.367 ppbv
 RT: 11.36 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: VL033870.D
 Acq: 30 May 2019 14:35

Tgt Ion:	164	Resp:	63404
Ion	Ratio	Lower	Upper
164	100		
166	119.4	98.9	148.3
129	109.5	81.8	122.6
131	89.6	81.1	121.7





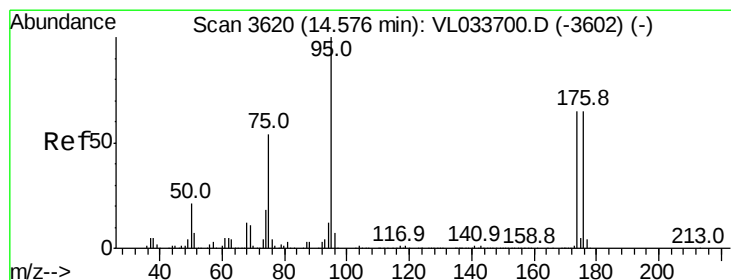
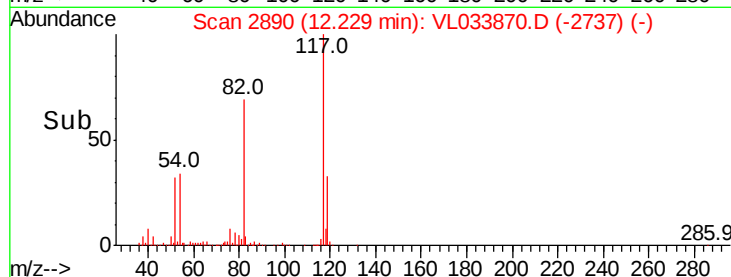
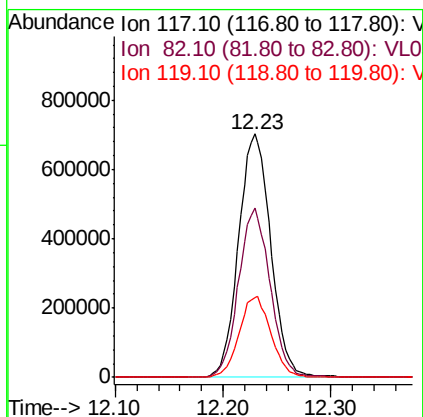
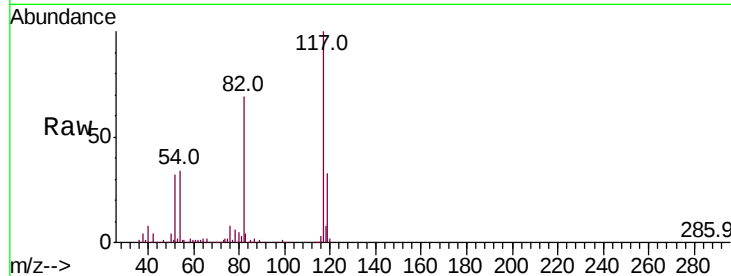
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033870.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-0

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.5	49.4	74.0
119	32.7	24.9	37.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.100 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033870.D
Acq: 30 May 2019 14:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.2	53.9	80.9
175	4.7	3.8	5.8

