

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\
 Data File : VL035975.D
 Acq On : 18 Nov 2020 16:13
 Operator : SY/AP
 Sample : L4773-01DL2 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
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Quant Time: Nov 19 08:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1141985	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	4029035	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3849575	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2777640	10.16	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	11107m	1.023	ppbv	
15) Acetone	3.83	43	38044	0.312	ppbv #	44
20) Methylene Chloride	4.31	84	22452	0.261	ppbv	96
29) Chloroform	5.71	83	27111	0.104	ppbv	86
38) Trichloroethene	7.80	130	18338	0.125	ppbv #	73
52) Tetrachloroethene	11.19	164	822320	5.795	ppbv	97

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

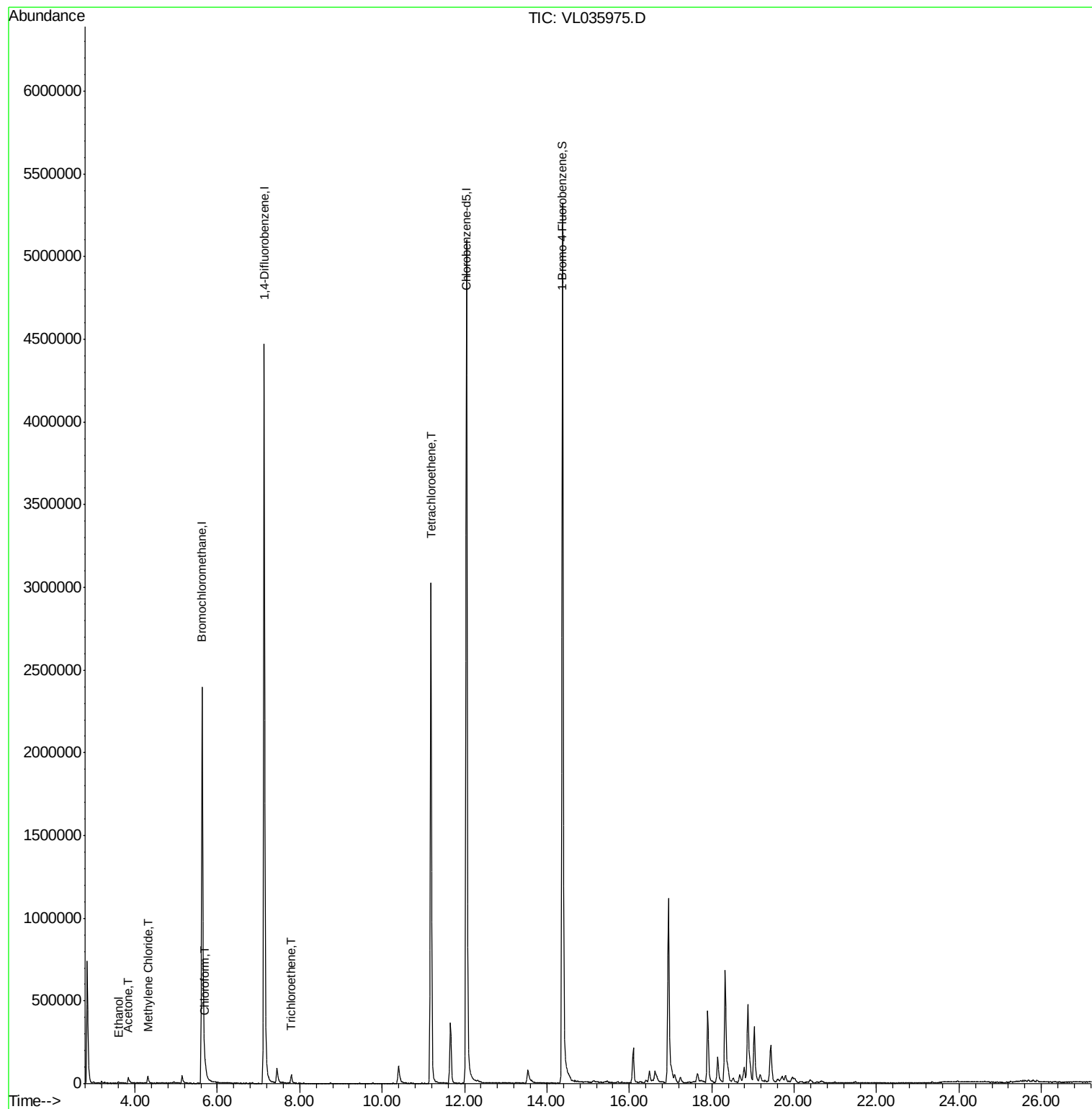
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111820\
Data File : VL035975.D
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Misc : 400ml/MSVOA L
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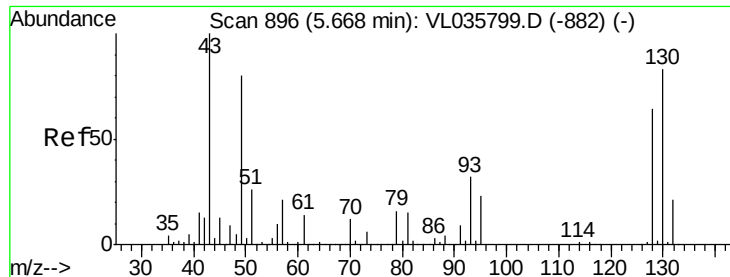
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

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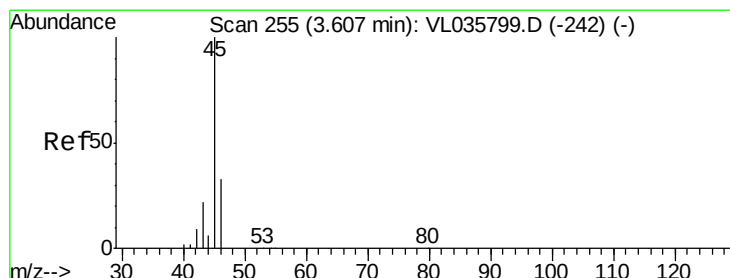
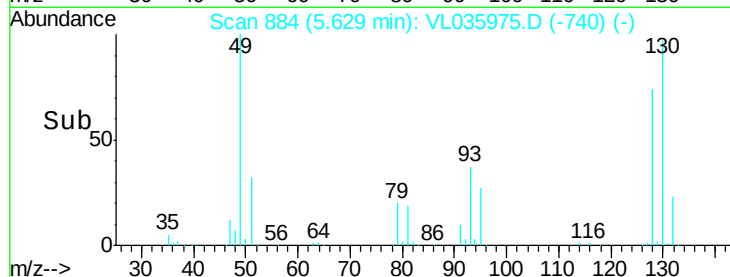
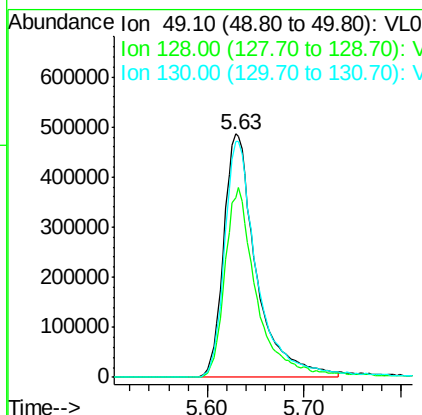
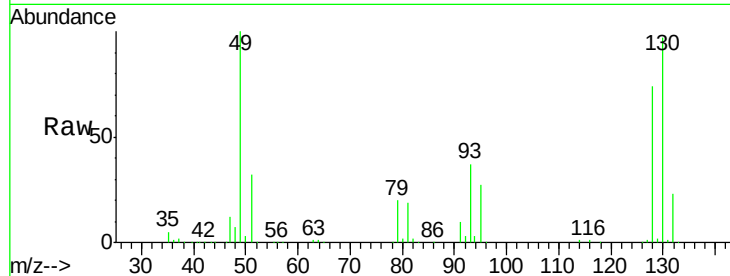
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63 min Scan# 884
Delta R.T. -0.04 min
Lab File: VL035975.D
Acq: 18 Nov 2020 16:13

Instrument :
MSVOA_L
ClientSampled :
SV1DL2

Tot Ion: 49 Resp: 1141985
Ion Ratio Lower Upper
49 100
128 78.0 41.5 124.6
130 98.2 53.7 161.1

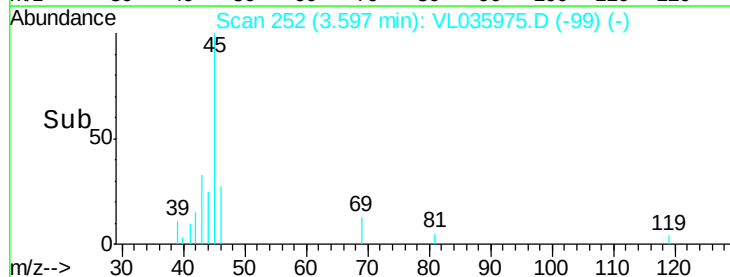
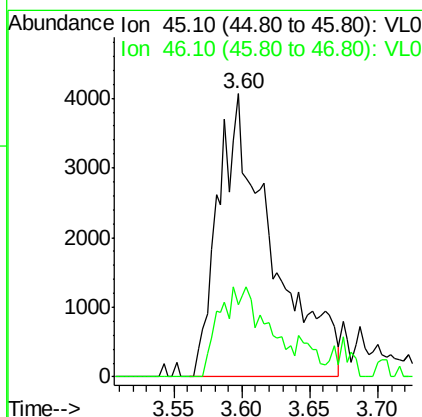
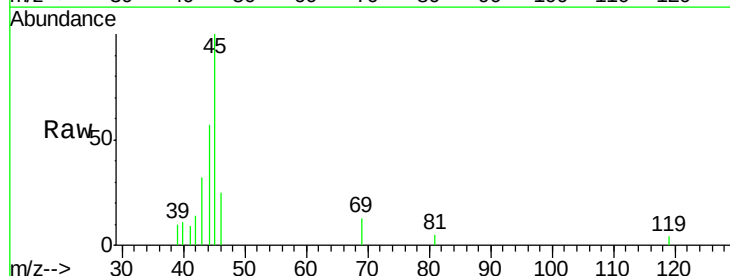
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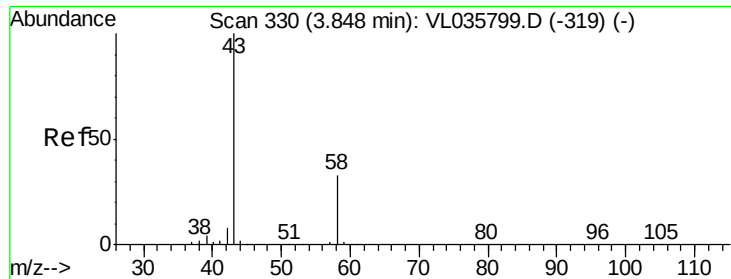
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#13
Ethanol
Concen: 1.023 ppbv m
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL035975.D
Acq: 18 Nov 2020 16:13

Tgt Ion: 45 Resp: 11107
Ion Ratio Lower Upper
45 100
46 0.0 16.1 64.5#





#15

Acetone

Concen: 0.312 ppbv

RT: 3.83 min Scan# 326

Delta R.T. -0.01 min

Lab File: VL035975.D

Acq: 18 Nov 2020 16:13

Instrument :

MSVOA_L

ClientSampled :

SV1DL2

Tot Ion: 43 Resp: 38044

Ion Ratio Lower Upper

43 100

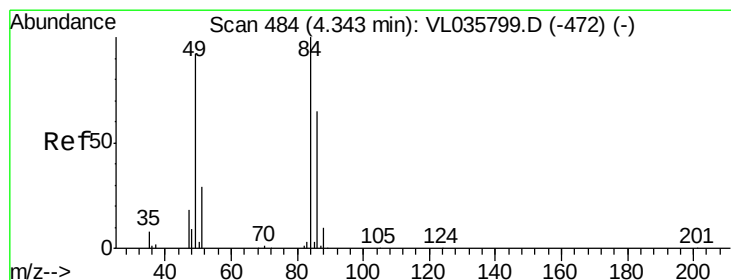
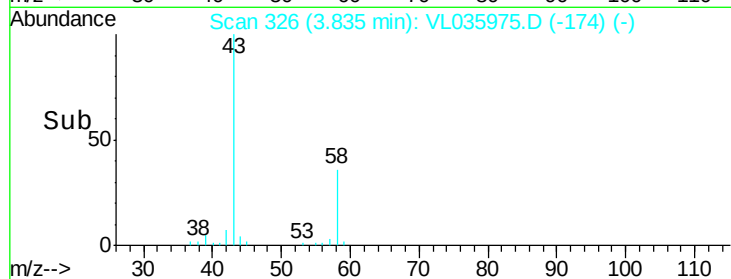
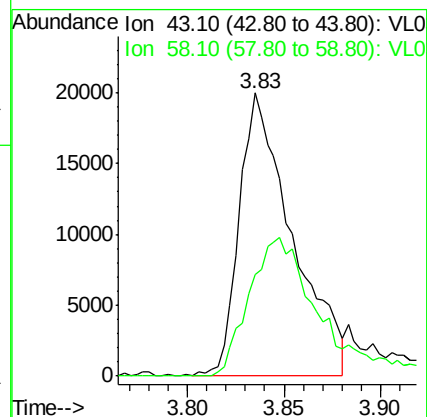
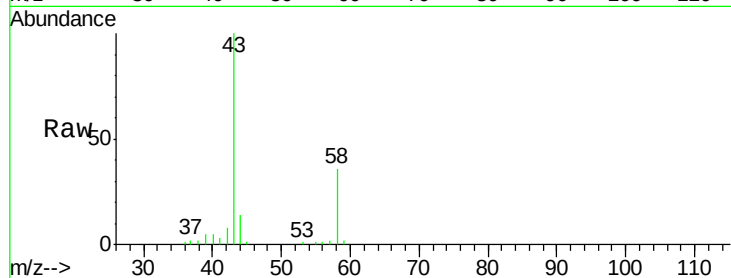
58 66.9 27.5 41.3#

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#20

Methylene Chloride

Concen: 0.261 ppbv

RT: 4.31 min Scan# 473

Delta R.T. -0.04 min

Lab File: VL035975.D

Acq: 18 Nov 2020 16:13

Tgt Ion: 84 Resp: 22452

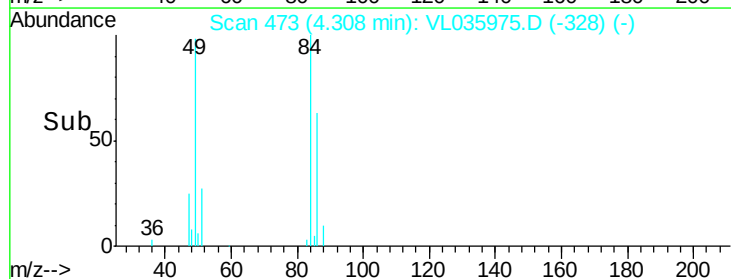
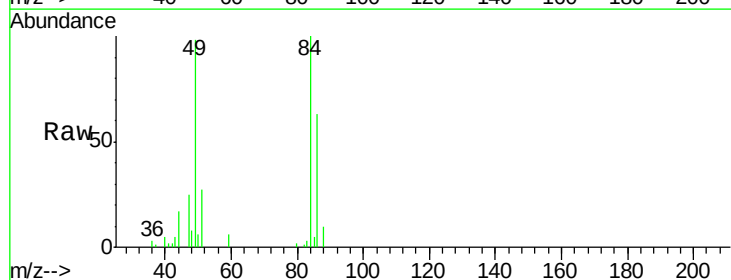
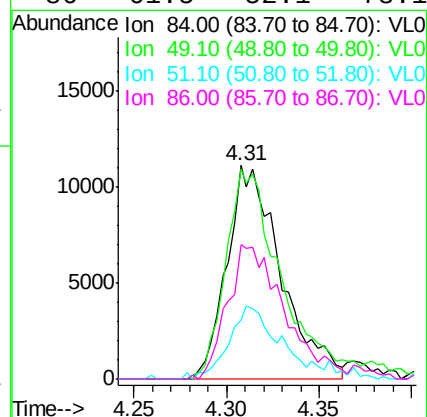
Ion Ratio Lower Upper

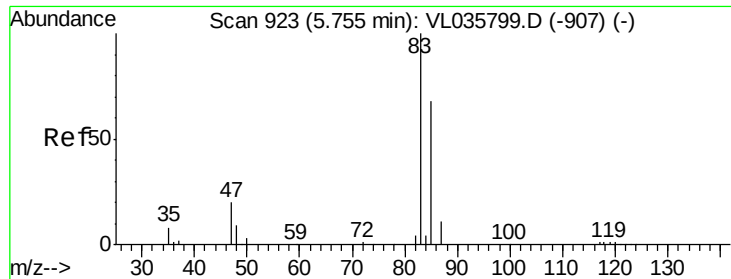
84 100

49 96.4 73.8 110.8

51 27.5 23.0 34.4

86 61.5 52.1 78.1





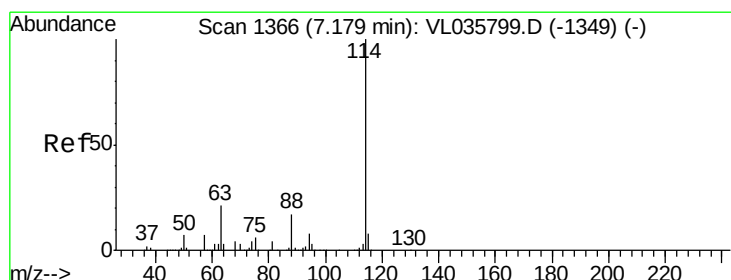
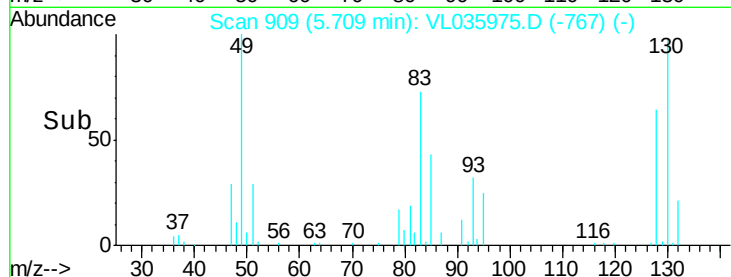
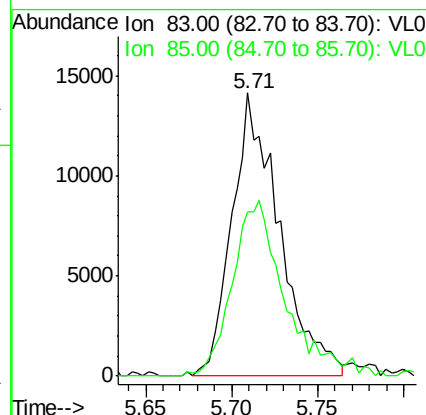
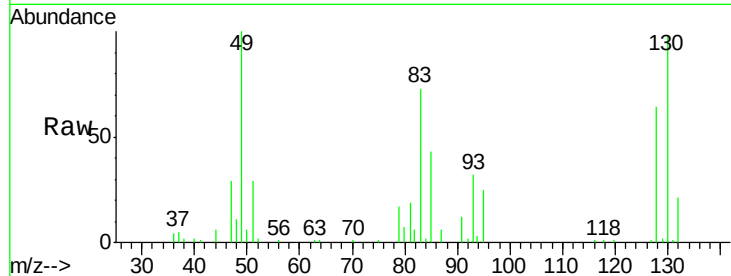
#29
Chloroform
Concen: 0.104 ppbv
RT: 5.71 min Scan# 909
Delta R.T. -0.05 min
Lab File: VL035975.D
Acq: 18 Nov 2020 16:13

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tot Ion	83	Resp	27111
Ion Ratio	100	Lower	Upper
85	56.9	54.6	81.8

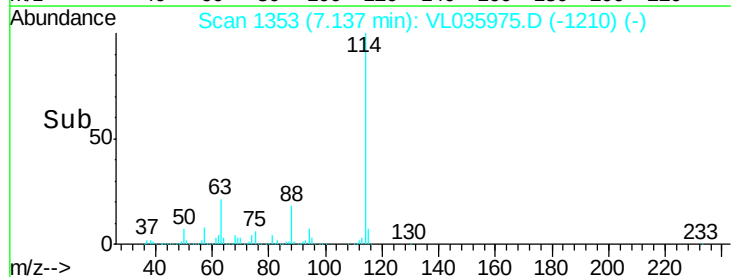
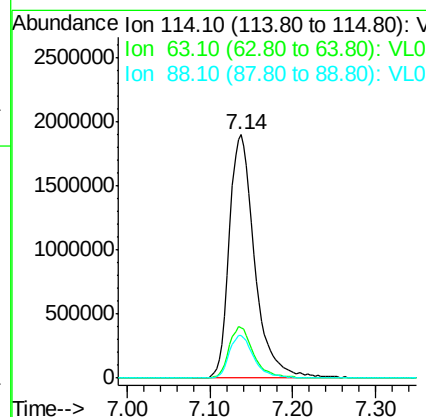
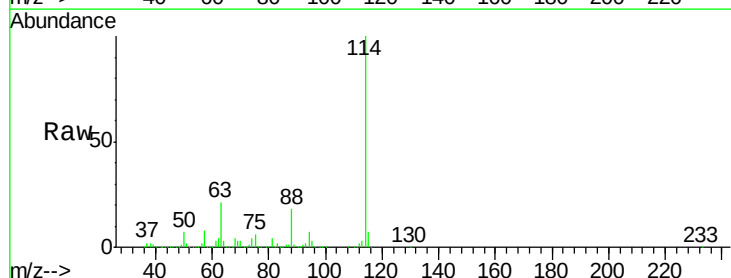
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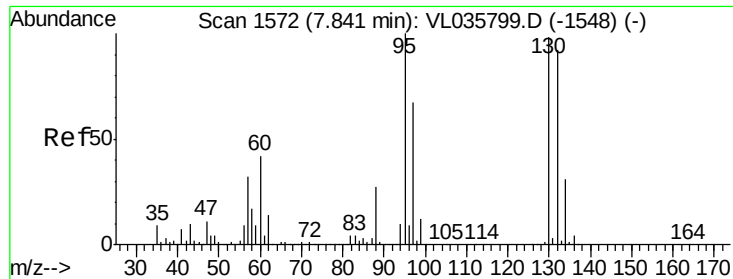
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.04 min
Lab File: VL035975.D
Acq: 18 Nov 2020 16:13

Tgt Ion	114	Resp	4029035
Ion Ratio	100	Lower	Upper
63	20.7	16.1	24.1
88	17.3	13.7	20.5





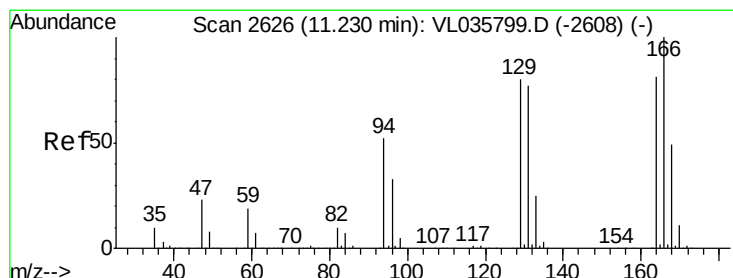
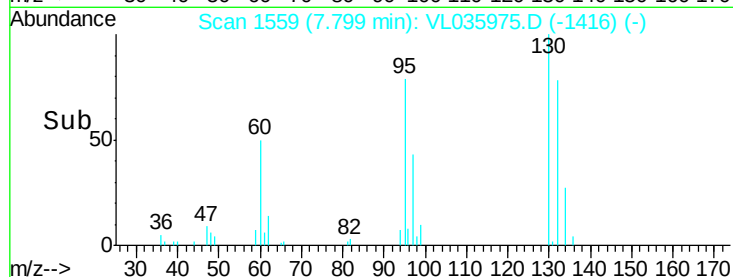
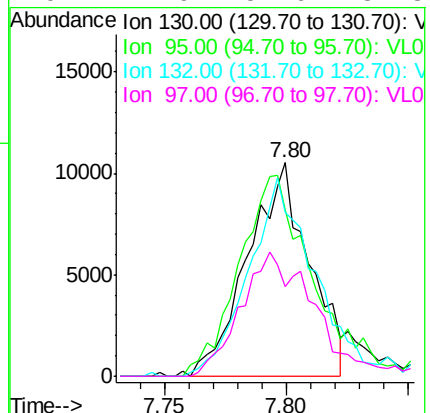
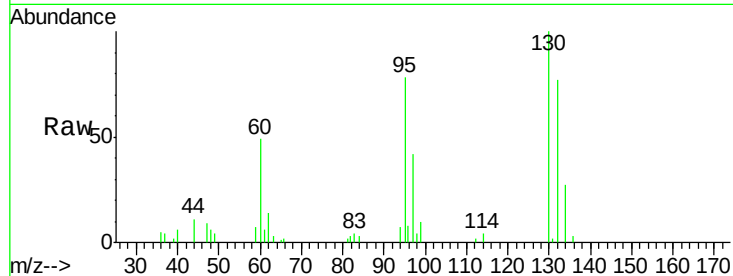
#38
 Trichloroethene
 Concen: 0.125 ppbv
 RT: 7.80 min Scan# 1559
 Delta R.T. -0.04 min
 Lab File: VL035975.D
 Acq: 18 Nov 2020 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Tot Ion	Ratio	Lower	Upper
130	100		
95	72.3	81.6	122.4#
132	74.5	75.1	112.7#
97	41.9	54.6	81.8#

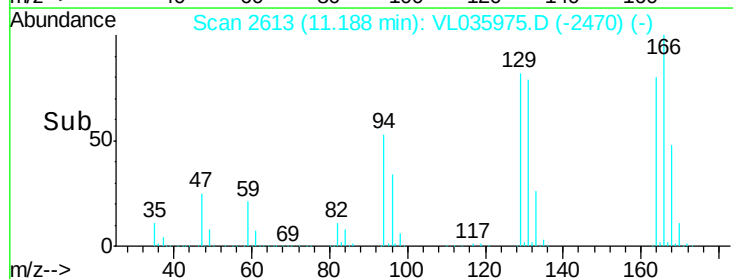
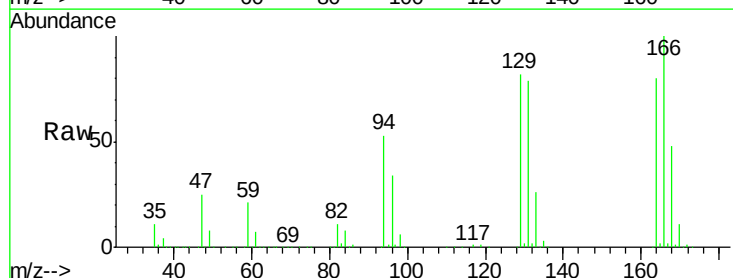
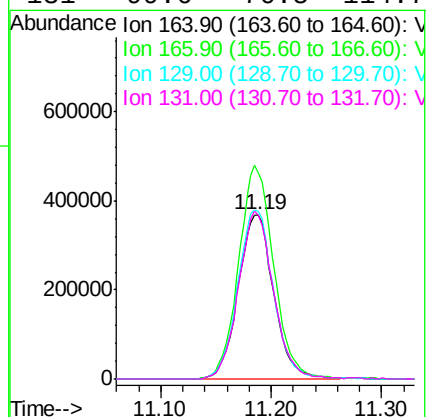
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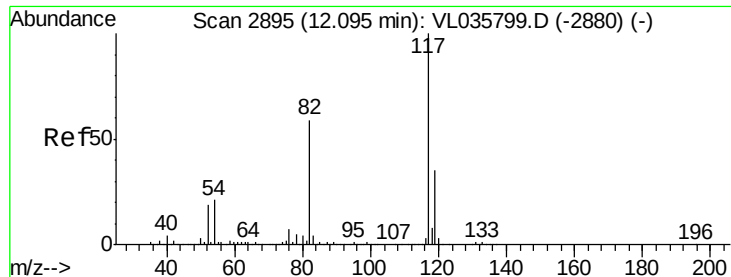
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#52
 Tetrachloroethene
 Concen: 5.795 ppbv
 RT: 11.19 min Scan# 2613
 Delta R.T. -0.04 min
 Lab File: VL035975.D
 Acq: 18 Nov 2020 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	99.3	148.9
129	102.4	79.3	118.9
131	99.6	76.5	114.7





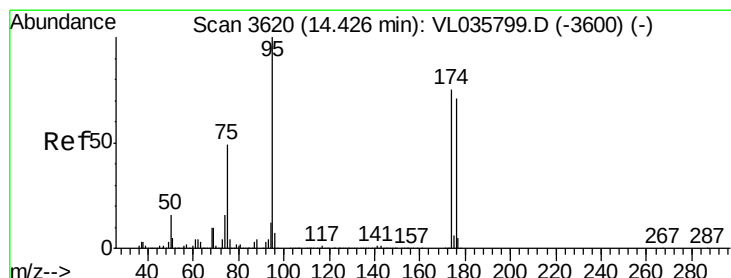
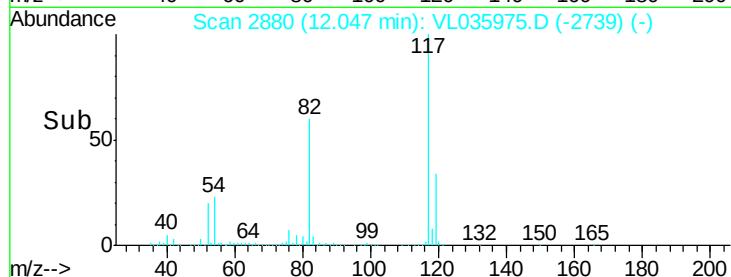
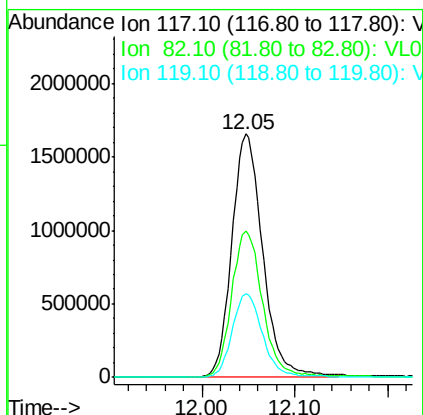
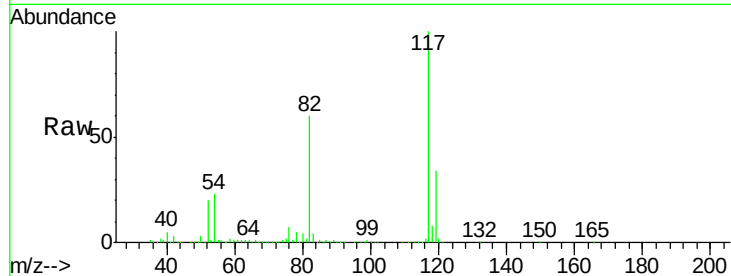
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2880
Delta R.T. -0.05 min
Lab File: VL035975.D
Acq: 18 Nov 2020 16:13

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tot Ion:117 Resp: 3849575
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 34.1 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.156 ppbv
RT: 14.38 min Scan# 3605
Delta R.T. -0.05 min
Lab File: VL035975.D
Acq: 18 Nov 2020 16:13

Tgt Ion: 95 Resp: 2777640
Ion Ratio Lower Upper
95 100
174 73.7 59.8 89.6
175 5.1 4.3 6.5

