

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037395.D
 Acq On : 11 Aug 2021 18:33
 Operator : SY/AP
 Sample : M3157-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

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Quant Time: Aug 12 03:03:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 2021
 QLast Update : Wed Aug 11 09:01:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1213282	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3795096	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3191543	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2465747	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	37680m	0.167	ppbv	
9) Propene	3.02	41	12034m	0.157	ppbv	
13) Ethanol	3.62	45	50067m	5.401	ppbv	
15) Acetone	3.86	43	144260m	1.248	ppbv	
19) Isopropyl Alcohol	4.01	45	31691m	0.476	ppbv	
20) Methylene Chloride	4.35	84	187381	2.985	ppbv	96
26) Hexane	5.69	57	133650	0.892	ppbv	# 48
31) cis-1,2-Dichloroethene	5.55	61	20830m	0.155	ppbv	
34) 2-Butanone	5.27	43	35074m	0.243	ppbv	
35) Carbon Tetrachloride	7.02	117	8732m	0.041	ppbv	
38) Trichloroethene	7.83	130	6854m	0.053	ppbv	
52) Tetrachloroethene	11.22	164	9926m	0.081	ppbv	
53) Toluene	9.81	91	54823m	0.157	ppbv	
59) m/p-Xylene	12.97	91	35979m	0.098	ppbv	

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

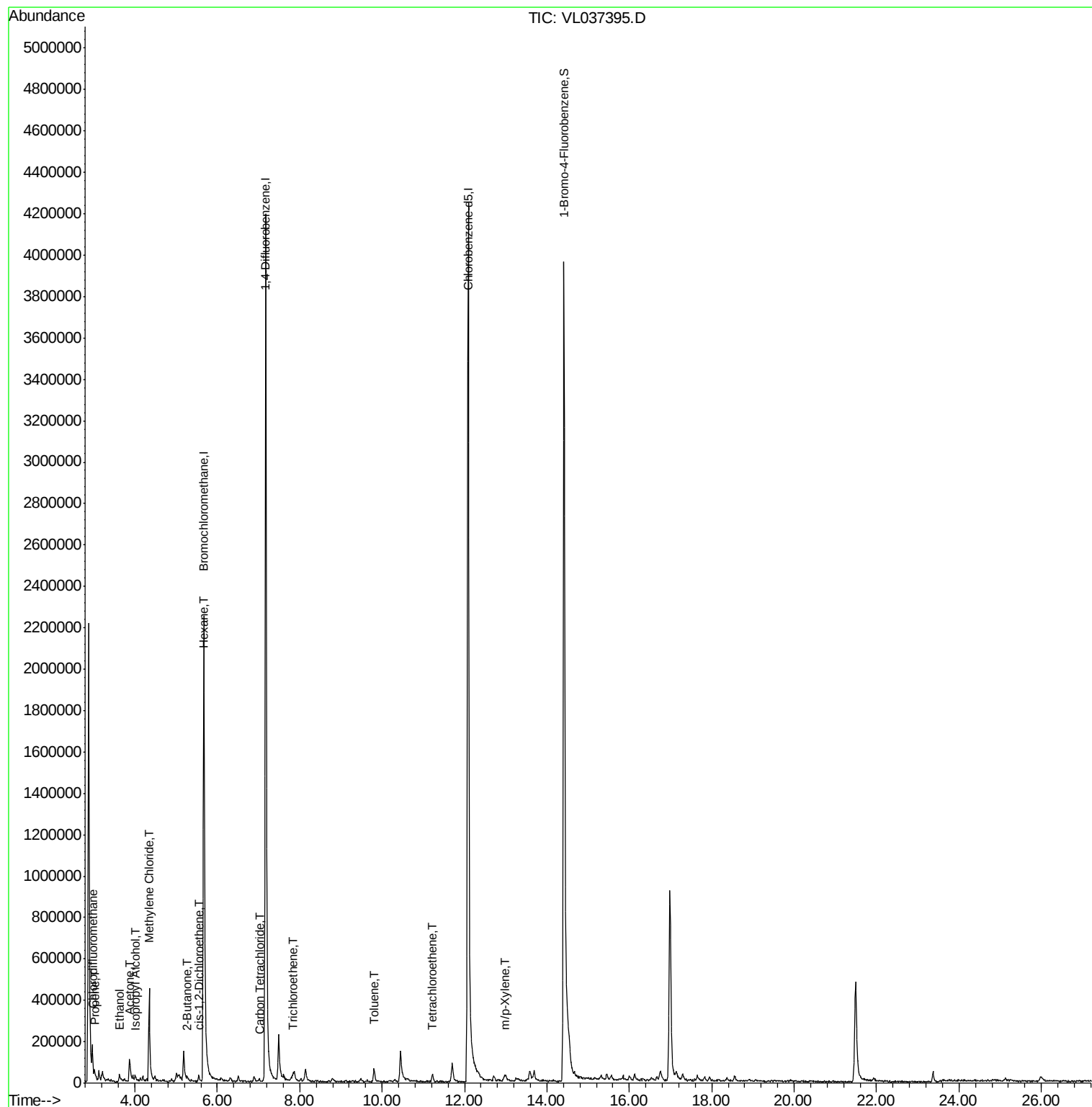
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
Data File : VL037395.D
Acq On : 11 Aug 2021 18:33
Operator : SY/AP
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Misc : 400mL/MSVOA L
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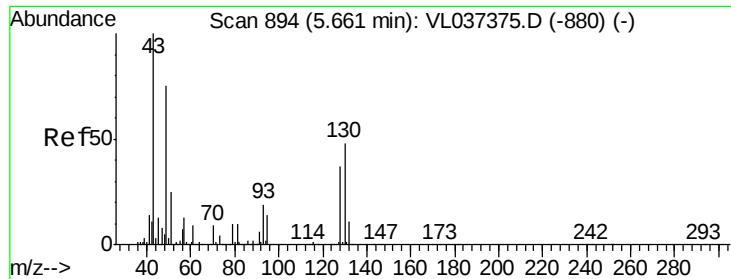
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

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Quant Time: Aug 12 03:03:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration





#1

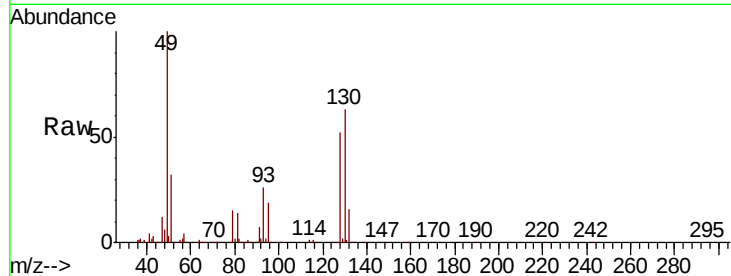
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: VL037395.D
 Acq: 11 Aug 2021 18:33

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

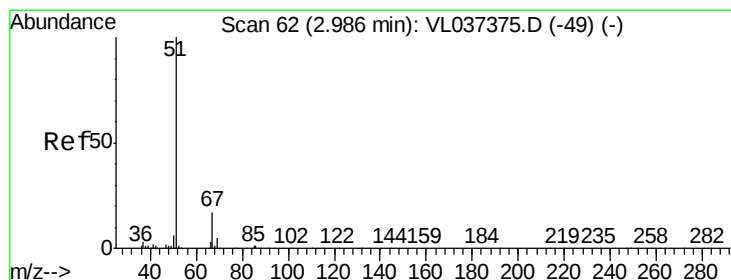
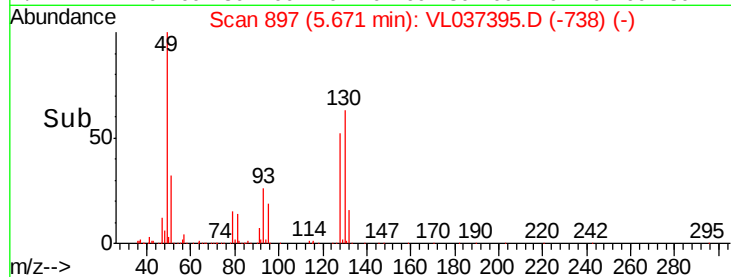
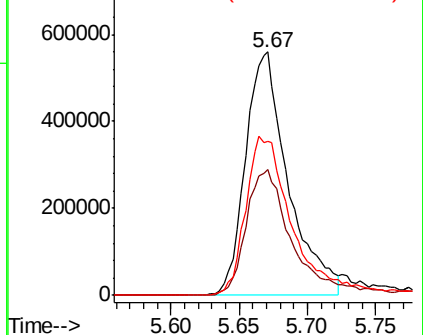
Tot Ion: 49 Resp: 1213282
 Ion Ratio Lower Upper
 49 100
 128 57.2 28.1 84.4
 130 74.5 34.3 102.8

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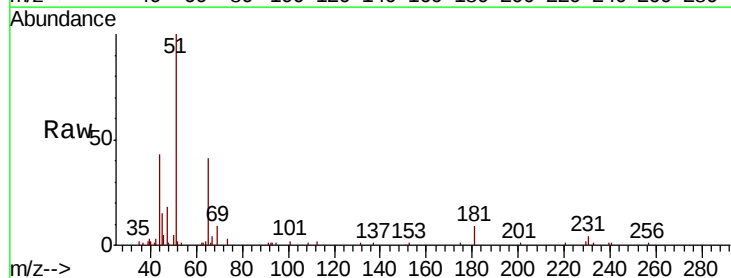
Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): V
 Ion 130.00 (129.70 to 130.70): V



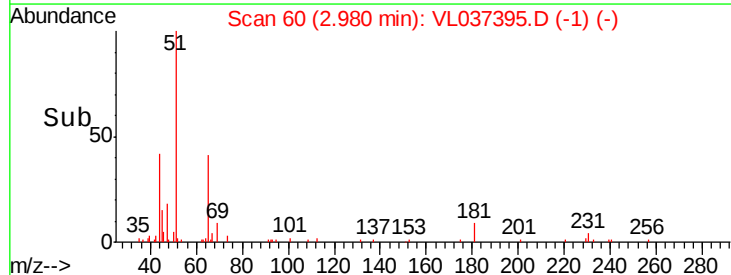
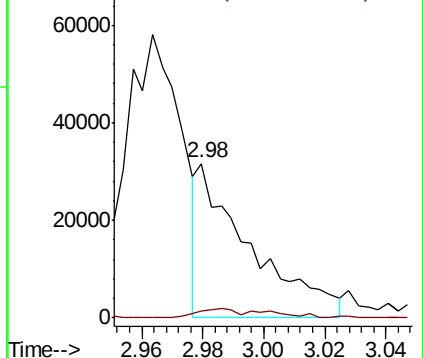
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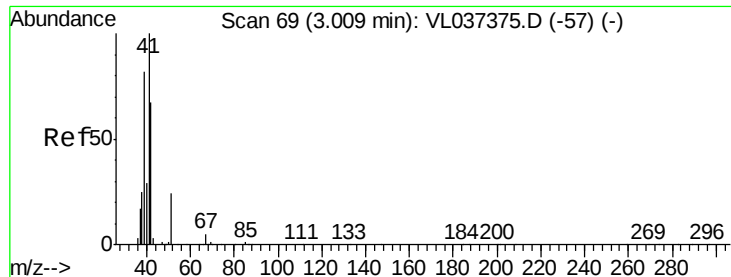
Chlorodifluoromethane
 Concen: 0.167 ppbv m
 RT: 2.98 min Scan# 60
 Delta R.T. -0.01 min
 Lab File: VL037395.D
 Acq: 11 Aug 2021 18:33

Tgt Ion: 51 Resp: 37680
 Ion Ratio Lower Upper
 51 100
 67 8.6 14.3 21.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0
 Ion 67.00 (66.70 to 67.70): VL0





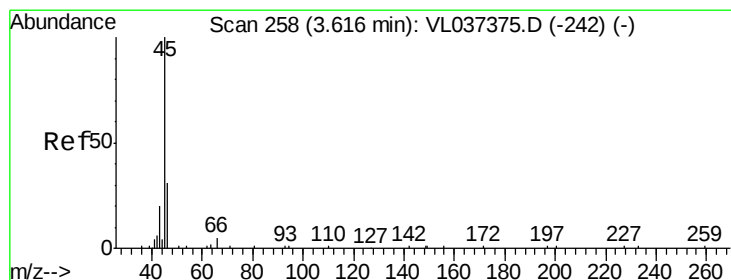
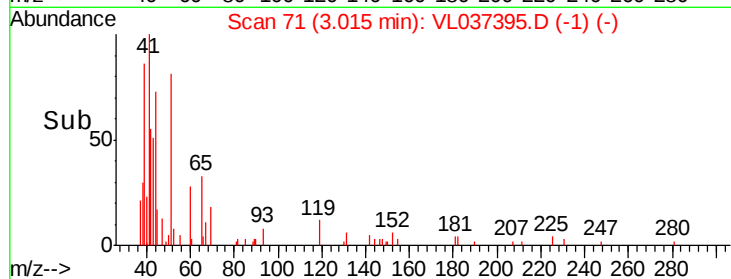
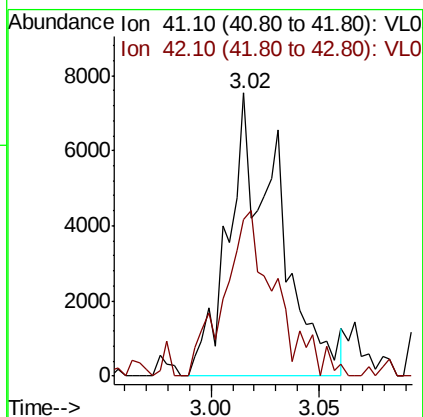
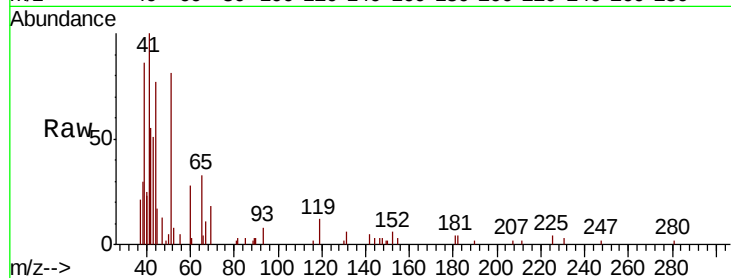
#9
 Propene
 Concen: 0.157 ppbv m
 RT: 3.02 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: VL037395.D
 Acq: 11 Aug 2021 18:33

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

Tot Ion	Ratio	Lower	Upper
41	100		
42	60.9	55.5	83.3

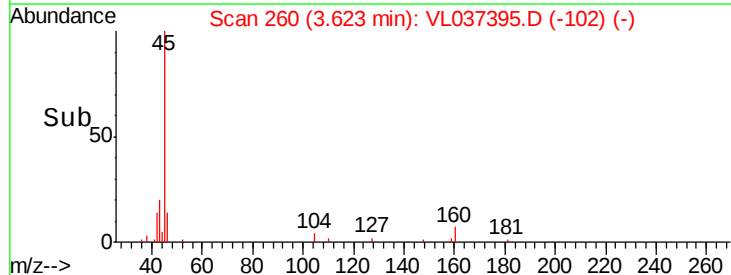
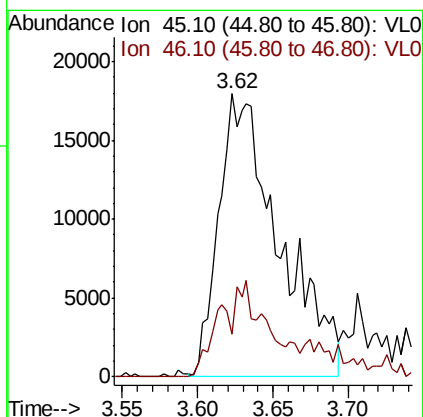
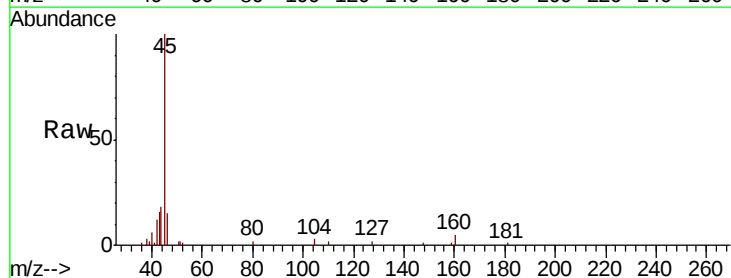
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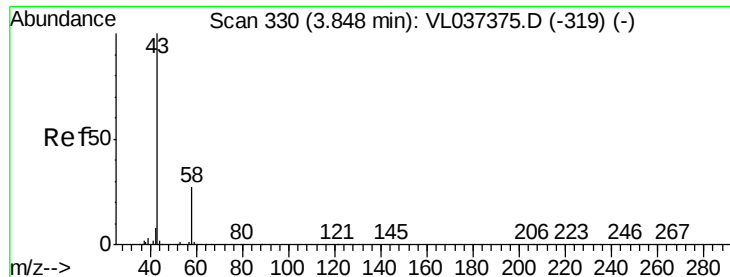
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#13
 Ethanol
 Concen: 5.401 ppbv m
 RT: 3.62 min Scan# 260
 Delta R.T. 0.01 min
 Lab File: VL037395.D
 Acq: 11 Aug 2021 18:33

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.8	63.4





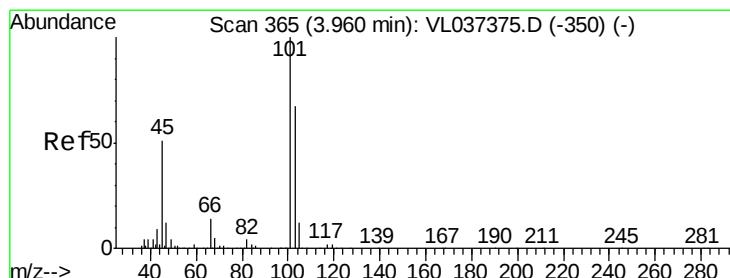
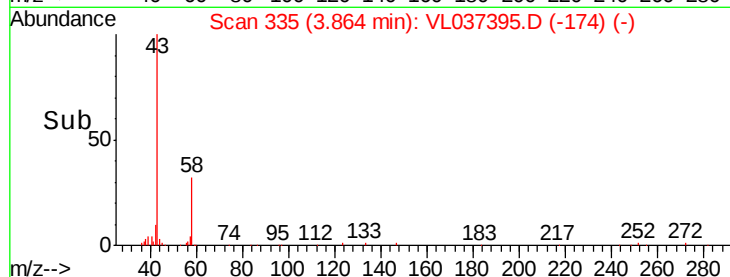
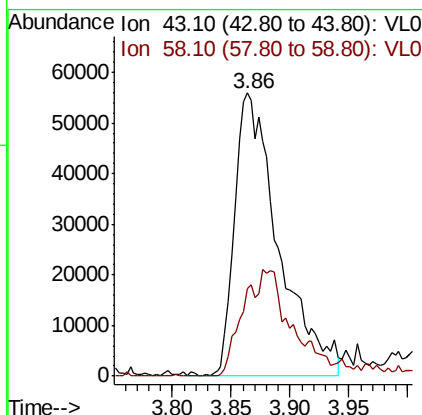
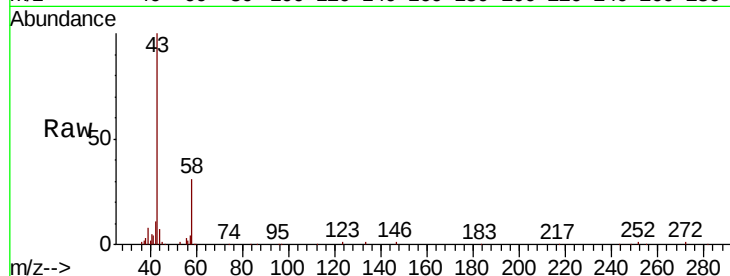
#15
Acetone
Concen: 1.248 ppbv m
RT: 3.86 min Scan# 335
Delta R.T. 0.02 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion: 43 Resp: 144260
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#

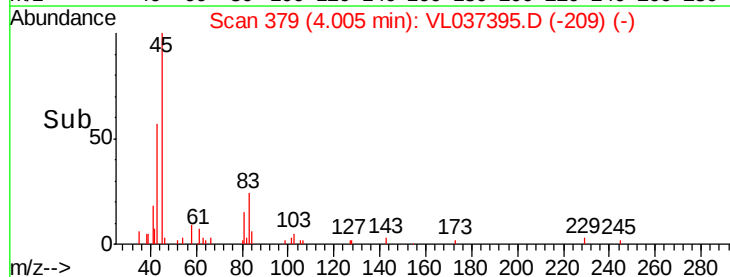
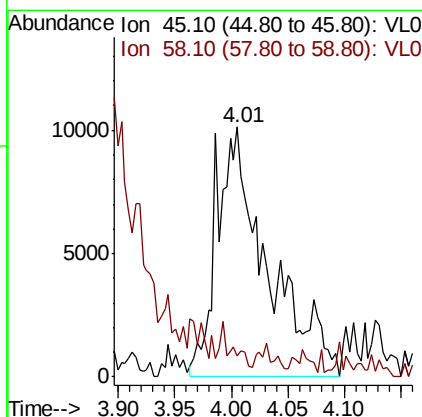
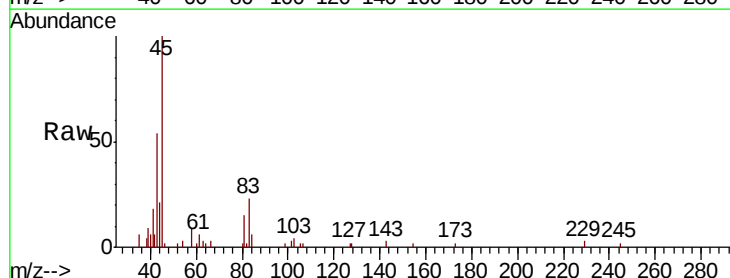
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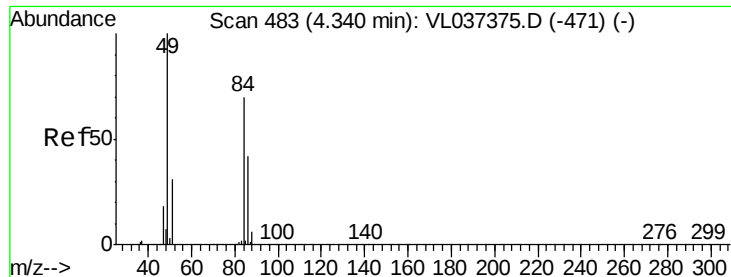
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#19
Isopropyl Alcohol
Concen: 0.476 ppbv m
RT: 4.01 min Scan# 379
Delta R.T. 0.05 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Tgt Ion: 45 Resp: 31691
Ion Ratio Lower Upper
45 100
58 0.0 38.7 58.1#





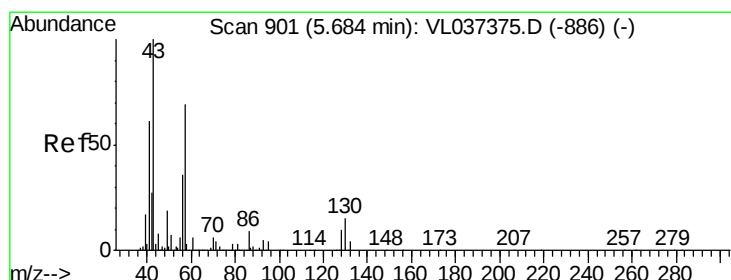
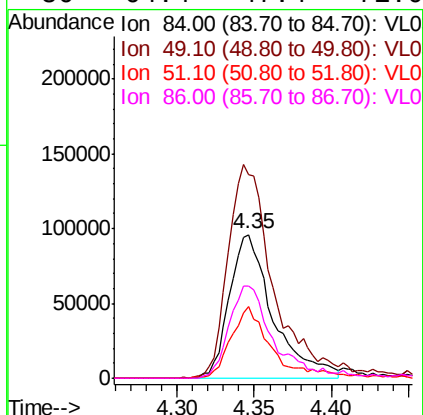
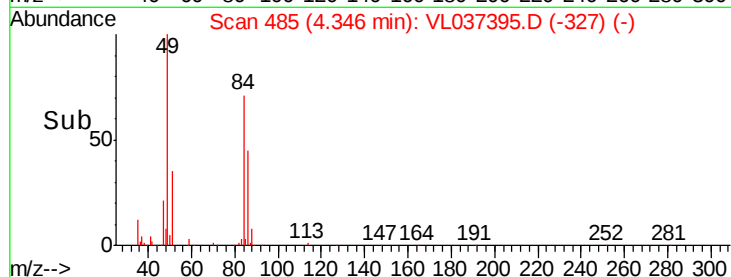
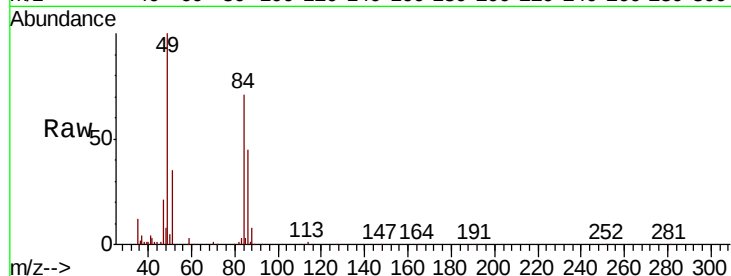
#20
Methvlene Chloride
Concen: 2.985 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion:	84	Resp:	187381
Ion Ratio	Lower	Upper	
84	100		
49	141.4	113.8	170.6
51	49.8	34.7	52.1
86	64.4	47.4	71.0

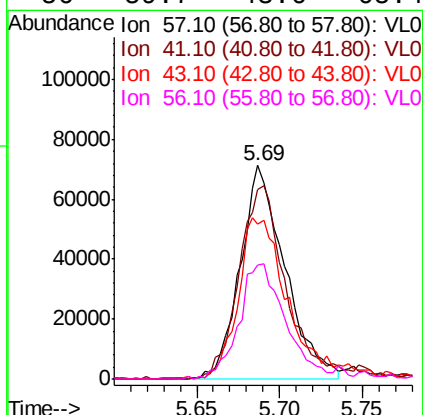
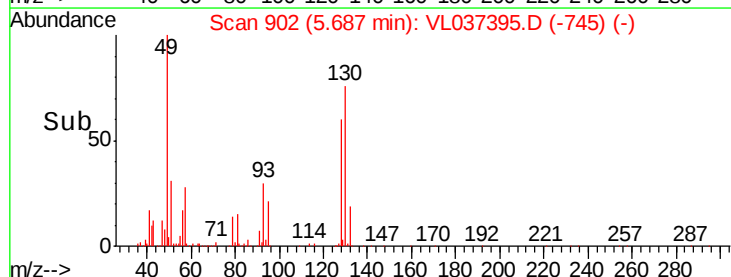
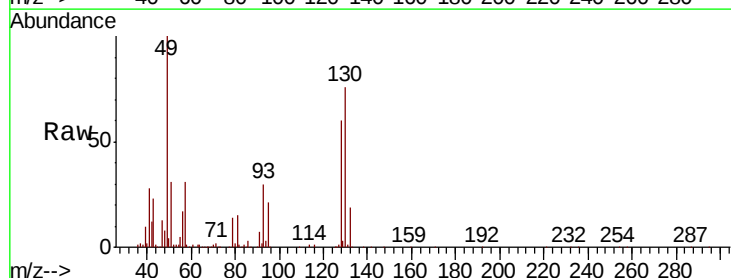
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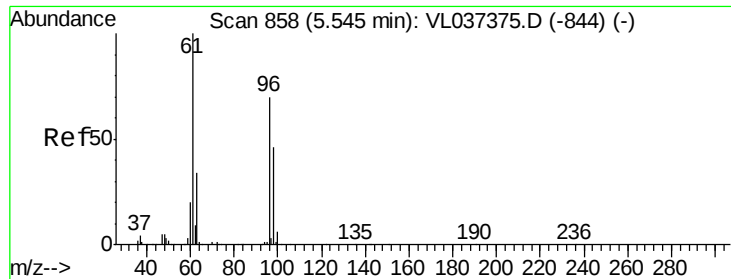
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#26
Hexane
Concen: 0.892 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Tgt Ion:	57	Resp:	133650
Ion Ratio	Lower	Upper	
57	100		
41	99.0	73.4	110.0
43	87.4	174.4	261.6#
56	59.7	43.6	65.4





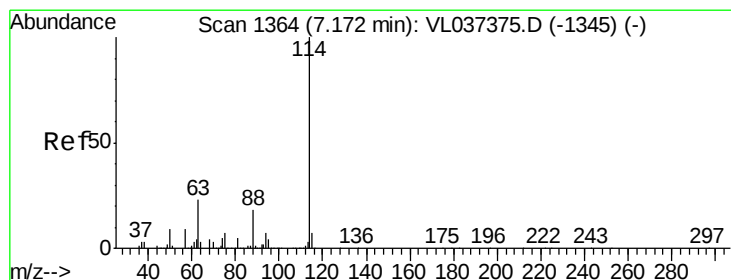
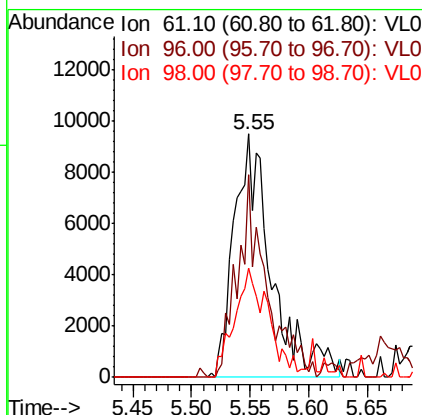
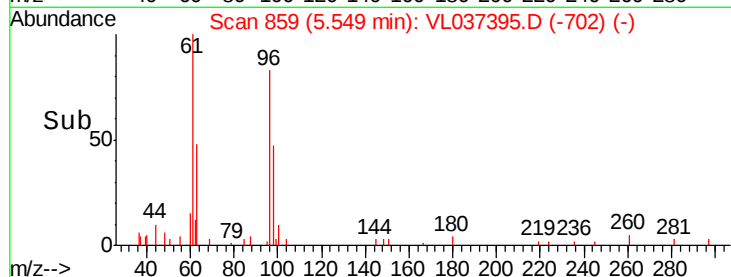
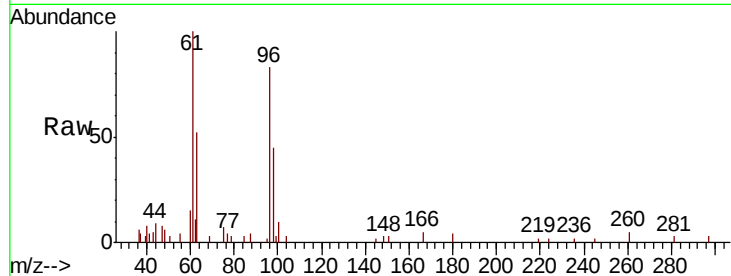
#31
 cis-1,2-Dichloroethene
 Concen: 0.155 ppbv m
 RT: 5.55 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: VL037395.D
 Acq: 11 Aug 2021 18:33

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

Tot Ion	61	Resp	20830
Ion Ratio	Lower	Upper	
61	100		
96	83.3	56.0	84.0
98	45.1	36.8	55.2

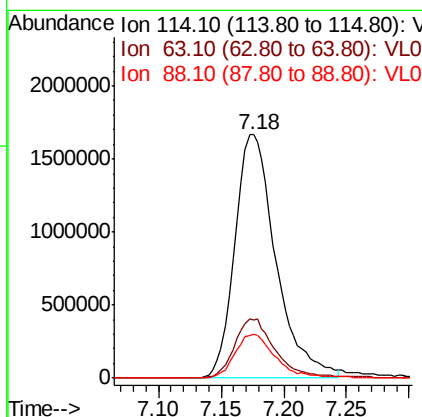
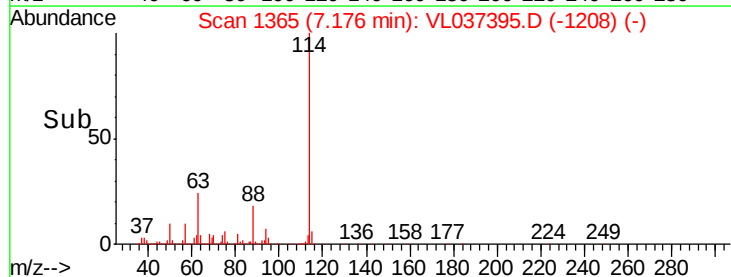
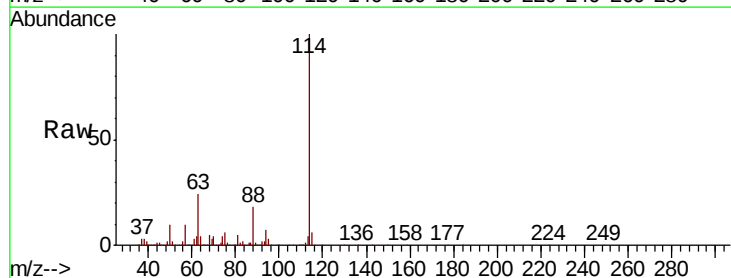
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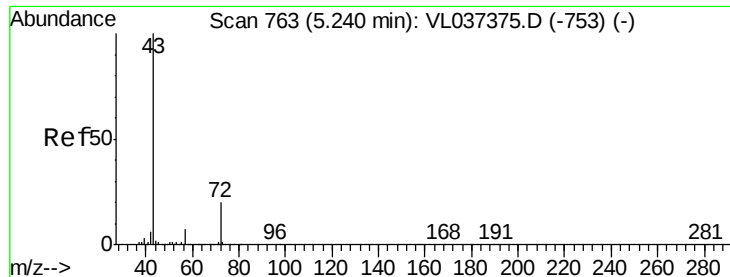
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL037395.D
 Acq: 11 Aug 2021 18:33

Tgt Ion	114	Resp	3795096
Ion Ratio	Lower	Upper	
114	100		
63	24.8	19.5	29.3
88	18.4	14.3	21.5





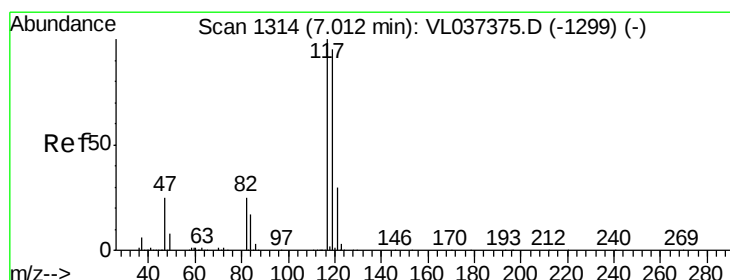
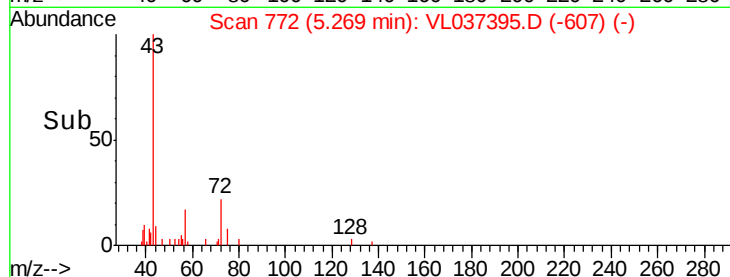
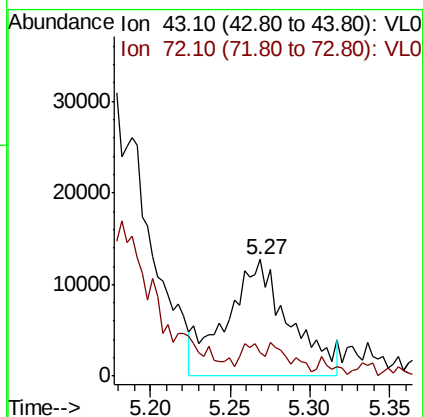
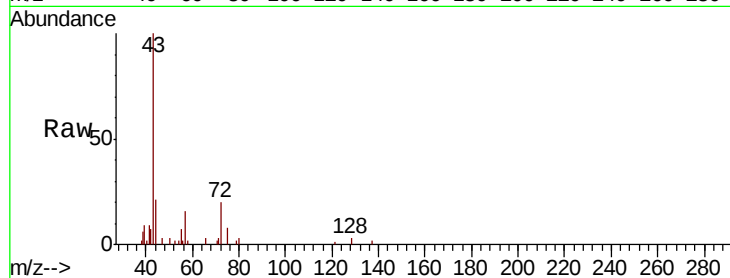
#34
2-Butanone
Concen: 0.243 ppbv m
RT: 5.27 min Scan# 772
Delta R.T. 0.03 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.6	29.4#

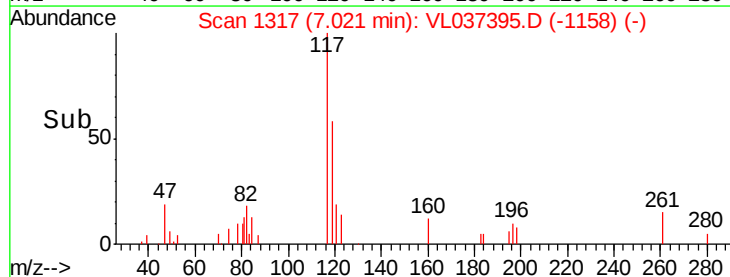
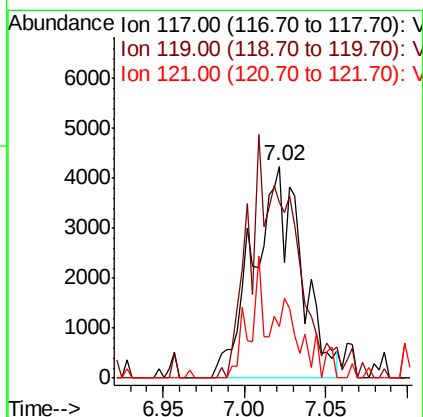
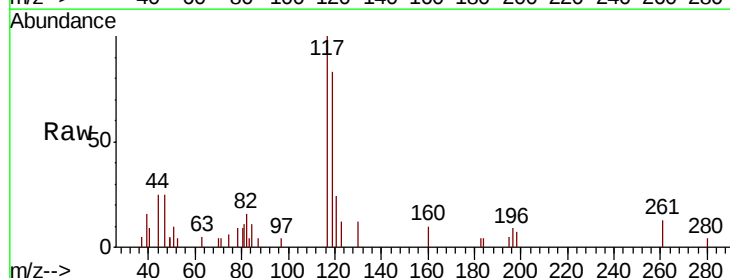
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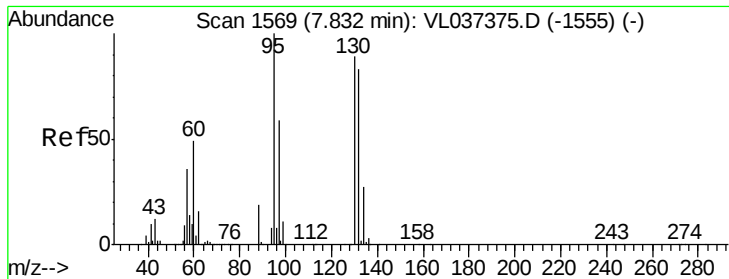
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#35
Carbon Tetrachloride
Concen: 0.041 ppbv m
RT: 7.02 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	82.9	76.1	114.1
121	24.2	24.4	36.6#





#38

Trichloroethene

Concen: 0.053 ppbv m

RT: 7.83 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VL037395.D

Acq: 11 Aug 2021 18:33

Instrument :

MSVOA_L

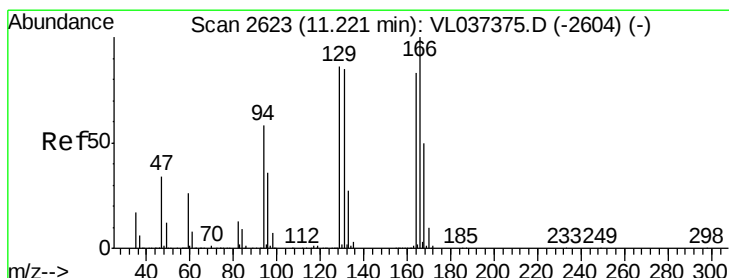
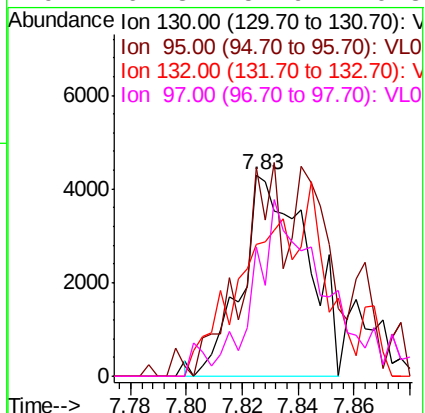
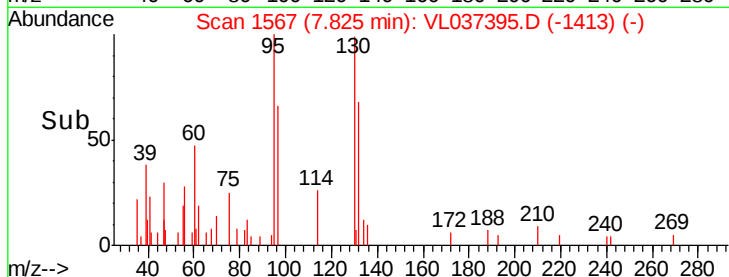
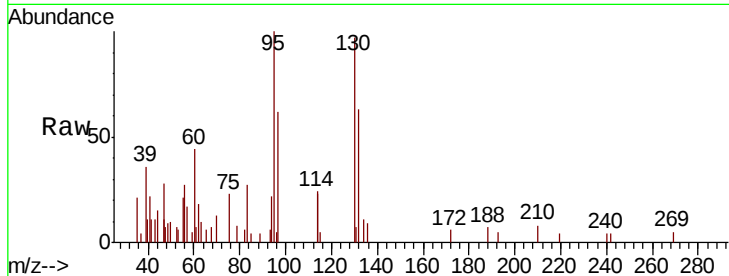
ClientSampleId :

SVE-INFLUENTDL

Tot Ion	Ratio	Lower	Upper
130	100		
95	103.4	89.5	134.3
132	65.6	74.2	111.4#
97	64.3	52.9	79.3

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#52

Tetrachloroethene

Concen: 0.081 ppbv m

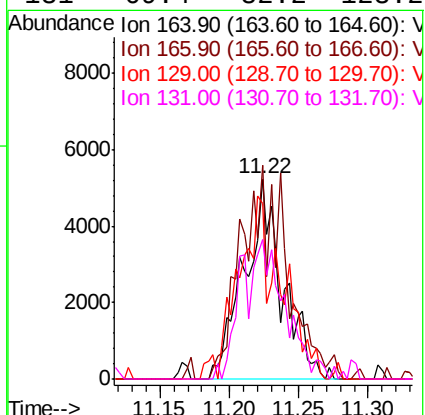
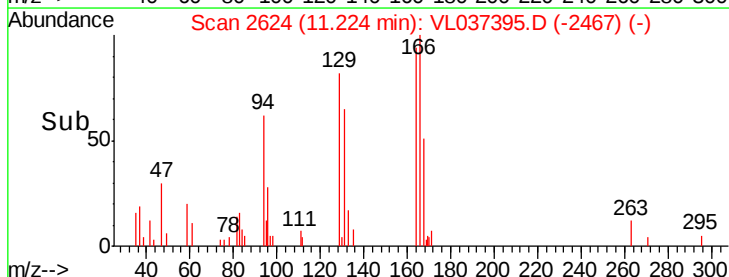
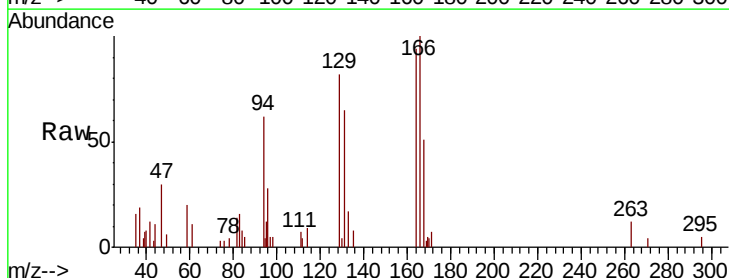
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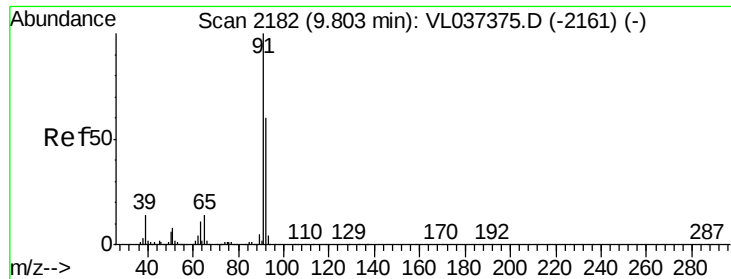
Delta R.T. 0.00 min

Lab File: VL037395.D

Acq: 11 Aug 2021 18:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	106.6	96.5	144.7
129	87.3	83.2	124.8
131	69.4	82.2	123.2#





#53

Toluene

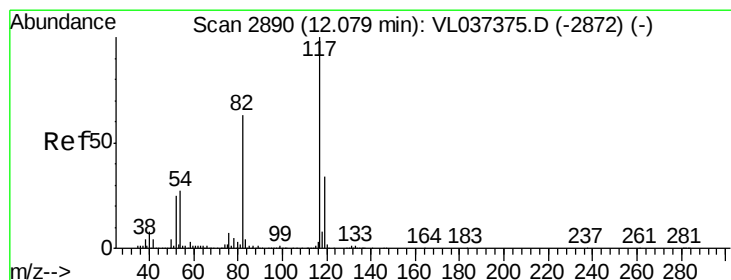
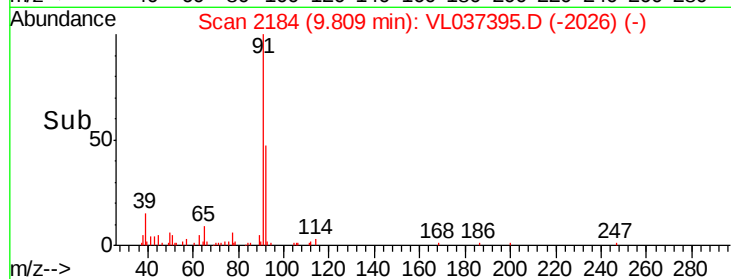
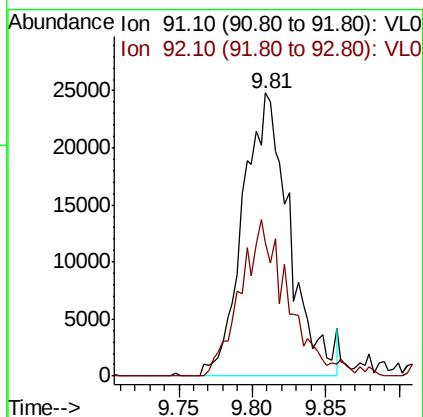
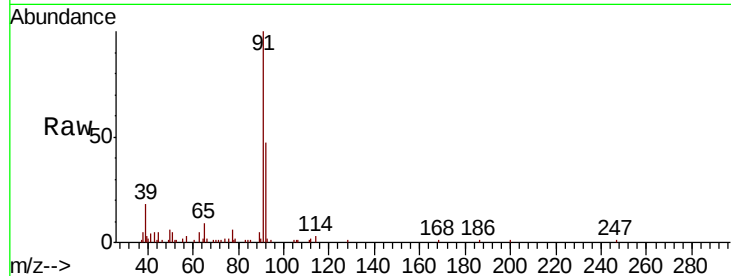
Concen: 0.157 ppbv m
RT: 9.81 min Scan# 2184
Delta R.T. 0.01 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion	91.10 (90.80 to 91.80): VL0	Resp	54823
Ion Ratio	Lower	Upper	
91	100		
92	57.1	48.1	72.1

Manual Integrations
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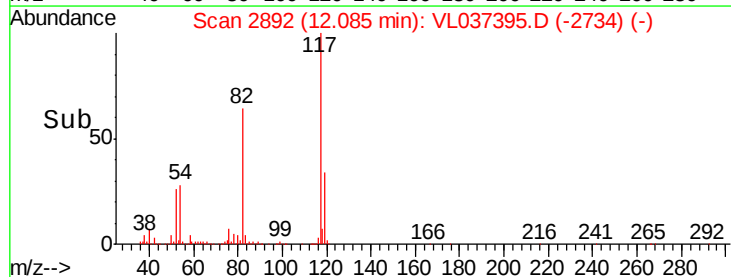
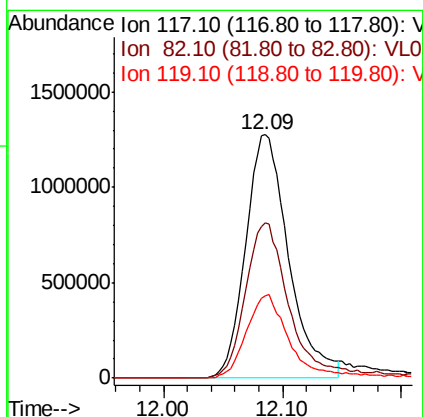
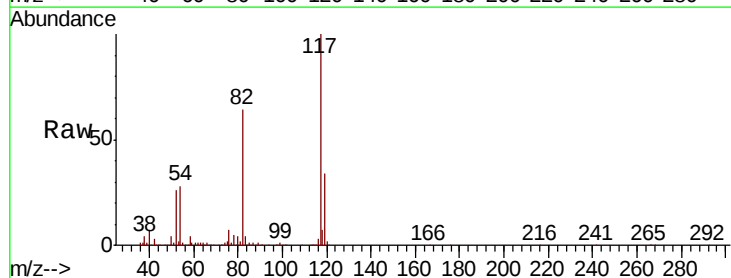


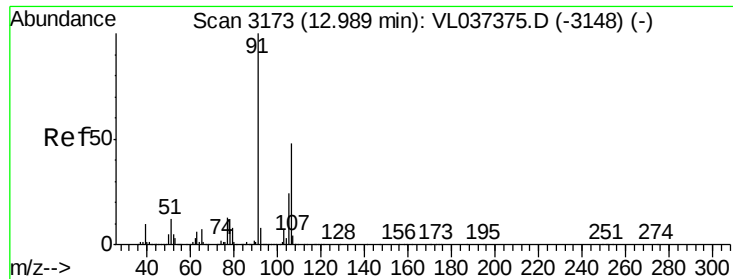
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.01 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Tgt Ion	117	Resp	3191543
Ion Ratio	Lower	Upper	
117	100		
82	68.2	52.6	78.8
119	35.5	46.7	70.1#





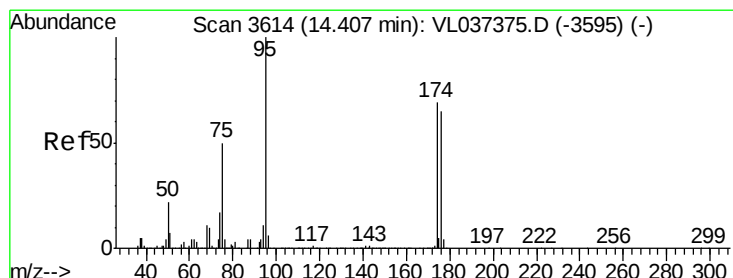
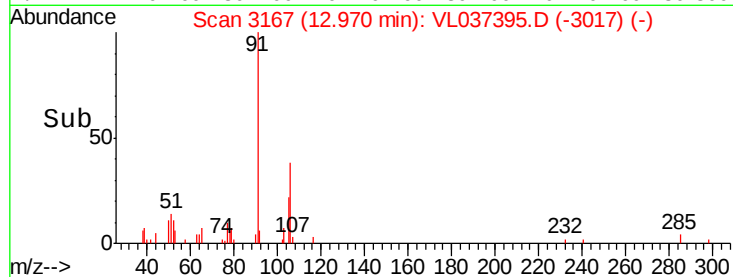
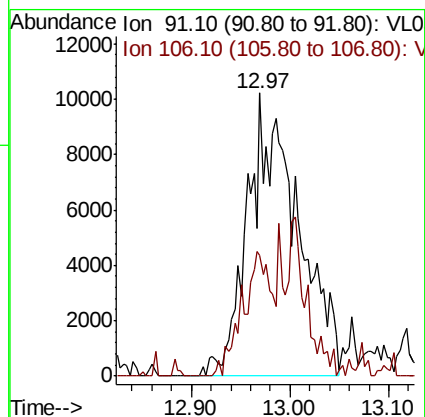
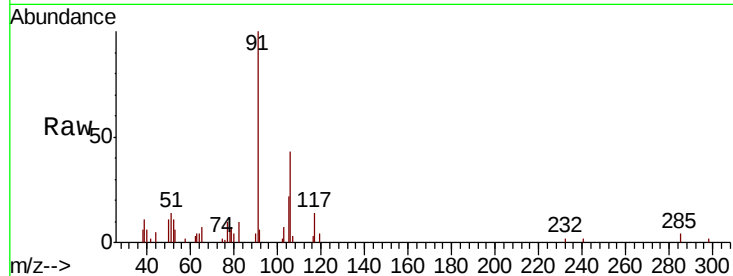
#59
m/p-Xylene
Concen: 0.098 ppbv m
RT: 12.97 min Scan# 3167
Delta R.T. -0.02 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion: 91 Resp: 35979
Ion Ratio Lower Upper
91 100
106 51.3 36.6 55.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.360 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.01 min
Lab File: VL037395.D
Acq: 11 Aug 2021 18:33

Tgt Ion: 95 Resp: 2465747
Ion Ratio Lower Upper
95 100
174 72.4 58.3 87.5
175 4.8 4.3 6.5

