

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037419.D
 Acq On : 12 Aug 2021 18:46
 Operator : SY/AP
 Sample : M3239-01RE
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1RE

Manual Integrations
 APPROVED

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 8/13/2021 11:07:02 AM

Quant Time: Aug 13 07:29:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2021
 QLast Update : Fri Aug 13 01:37:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1298845	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3923310	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3393659	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2530617	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	72155m	0.364	ppbv	
3) Chlorodifluoromethane	2.99	51	114132m	0.447	ppbv	
4) Chloromethane	3.15	50	28287	0.309	ppbv	92
9) Propene	3.02	41	97818	1.142	ppbv	88
10) Heptane	8.12	43	488649	2.346	ppbv	95
11) Trichlorofluoromethane	3.95	101	57266	0.267	ppbv	96
13) Ethanol	3.61	45	258261m	28.255	ppbv	
15) Acetone	3.85	43	3129590	22.720	ppbv	100
17) tert-Butyl alcohol	4.31	59	73697	0.561	ppbv #	88
19) Isopropyl Alcohol	3.98	45	83083m	1.036	ppbv	
20) Methylene Chloride	4.35	84	4157219	57.077	ppbv	97
26) Hexane	5.69	57	3583080	21.150	ppbv #	46
27) Carbon Disulfide	4.55	76	36715	0.257	ppbv #	77
29) Chloroform	5.75	83	330550	1.386	ppbv	99
30) Cyclohexane	7.14	84	27374m	0.196	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	95899	0.398	ppbv	97
34) 2-Butanone	5.25	43	684821	4.228	ppbv #	87
35) Carbon Tetrachloride	7.03	117	12044	0.050	ppbv #	71
36) Benzene	6.90	78	89978	0.272	ppbv #	90
44) 2,2,4-Trimethylpentane	7.87	57	132662	0.240	ppbv #	1
50) 4-Methyl-2-Pentanone	8.75	43	47601m	0.234	ppbv	
51) 2-Hexanone	10.14	43	800491m	8.350	ppbv	
52) Tetrachloroethene	11.23	164	71542m	0.513	ppbv	
53) Toluene	9.81	91	2481599	6.570	ppbv	99
58) Ethyl Benzene	12.71	91	277965	0.604	ppbv	94
59) m/p-Xylene	12.97	91	684893	1.694	ppbv	90
60) o-Xylene	13.70	91	396842	1.056	ppbv	100
61) Styrene	13.53	104	222325m	1.171	ppbv	
62) Isopropylbenzene	14.66	105	107084	0.199	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.67	83	134634m	0.475	ppbv	
64) n-propylbenzene	15.56	120	102121m	0.755	ppbv	
65) tert-Butylbenzene	16.76	119	275458m	0.569	ppbv	
67) sec-Butylbenzene	17.30	105	250337	0.380	ppbv	100
69) p-Isopropyltoluene	17.65	119	218983	0.405	ppbv #	91
70) n-Butylbenzene	18.56	91	477702m	0.950	ppbv	
72) 4-Ethyltoluene	15.84	105	484163	1.110	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.00	105	581300m	1.410	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	2155061	5.106	ppbv #	74
79) Naphthalene	22.19	128	146935m	0.640	ppbv	
80) Naphthalene,2-methyl-	24.96	142	28254	0.583	ppbv	95

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Quant Time: Aug 13 07:29:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 07:29:40 2021
QLast Update : Fri Aug 13 01:37:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

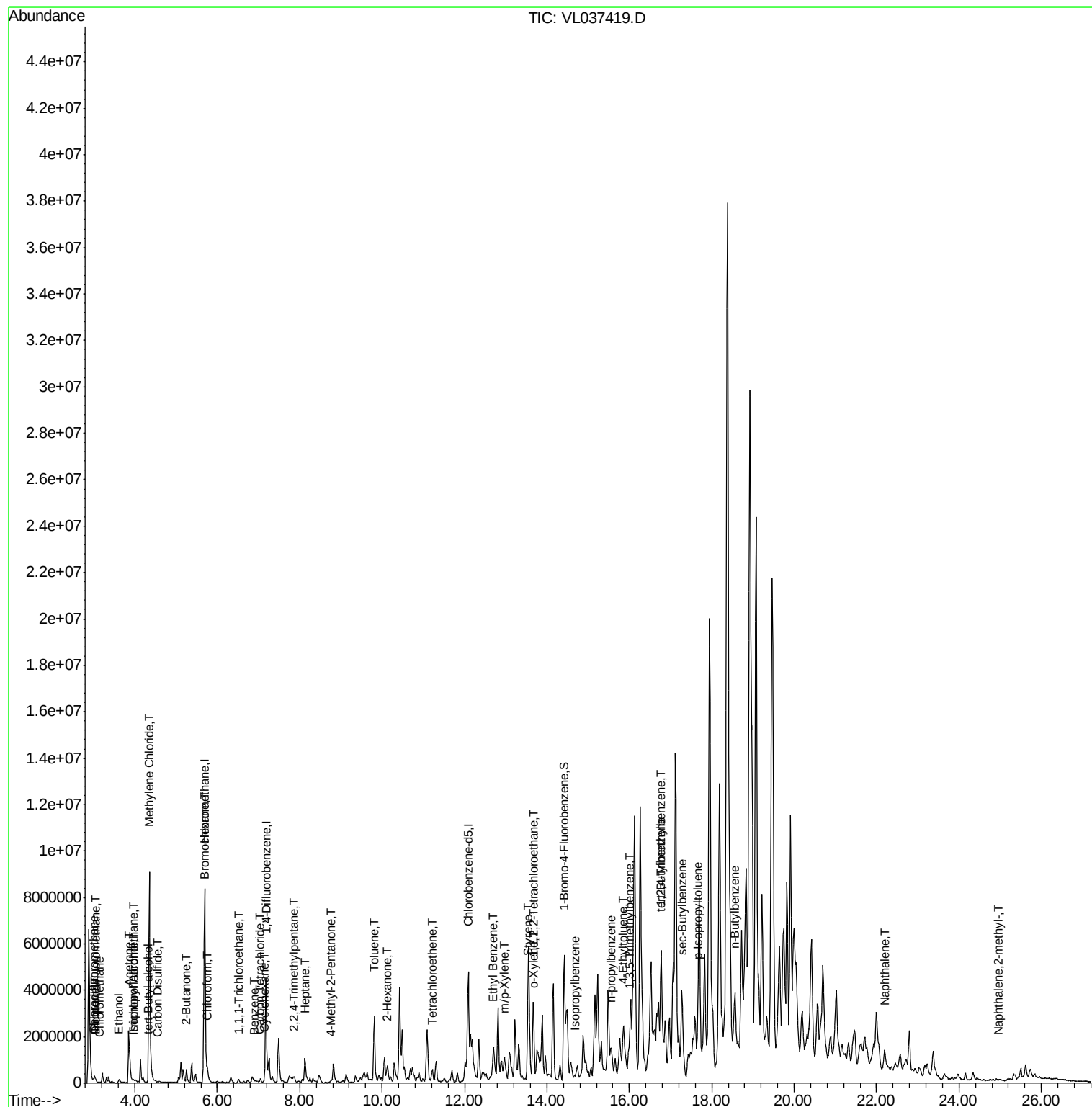
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
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Acq On : 12 Aug 2021 18:46
Operator : SY/AP
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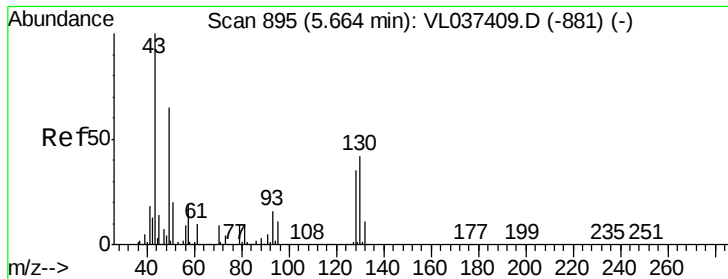
Instrument :
MSVOA_L
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#1

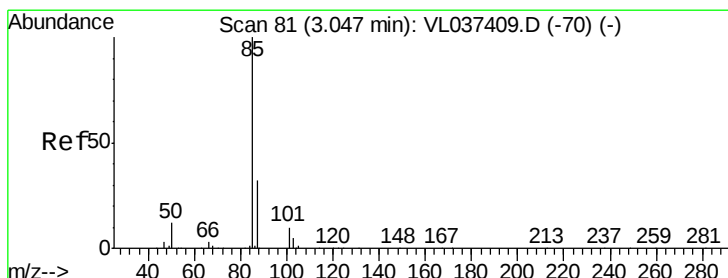
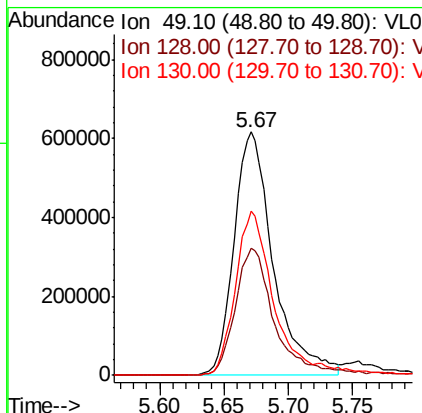
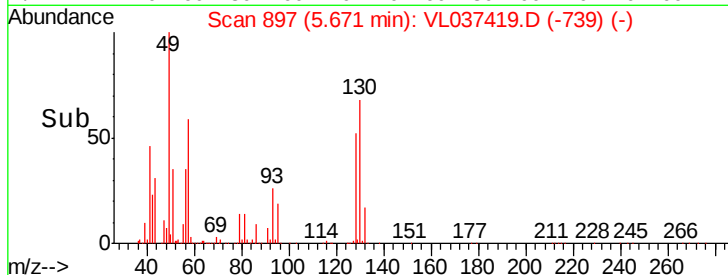
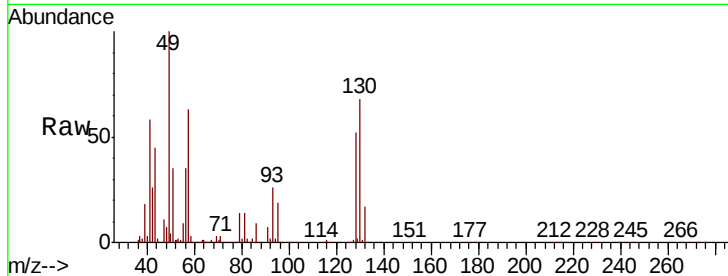
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampled :
SV1RE

Tot Ion	Ratio	Lower	Upper
49	100		
128	53.5	27.9	83.6
130	68.8	34.6	103.8

Manual Integrations
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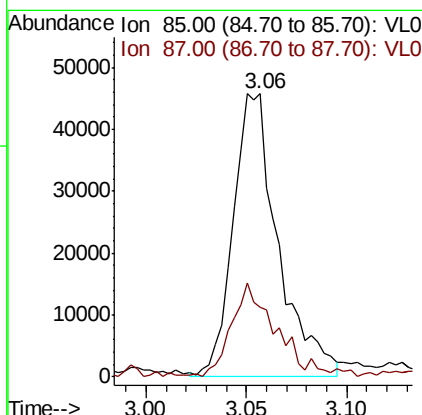
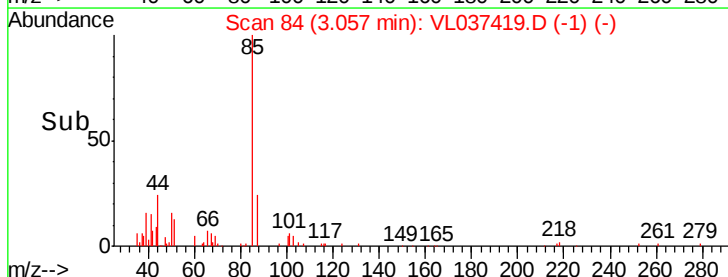
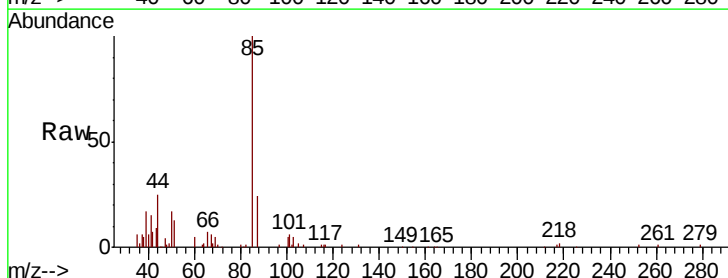
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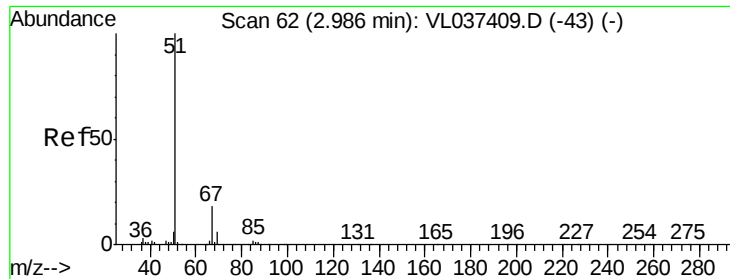


#2

Dichlorodifluoromethane
Concen: 0.364 ppbv m
RT: 3.06 min Scan# 84
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	24.4	25.7	38.5#





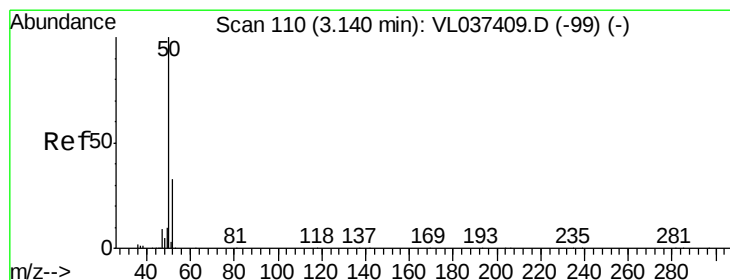
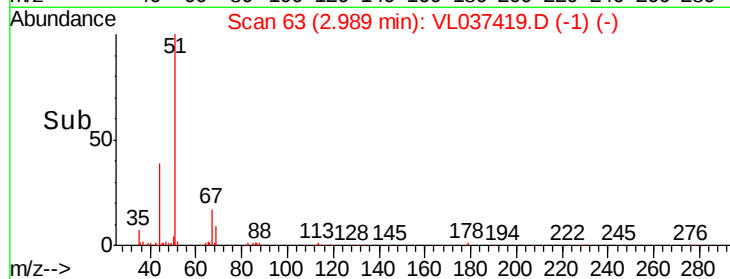
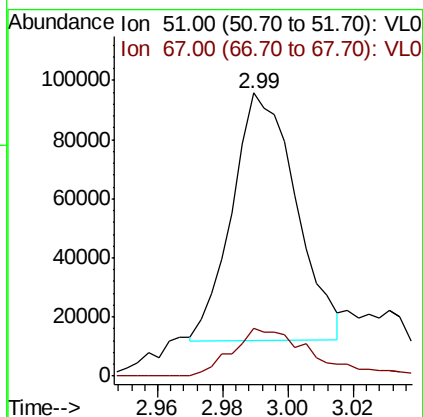
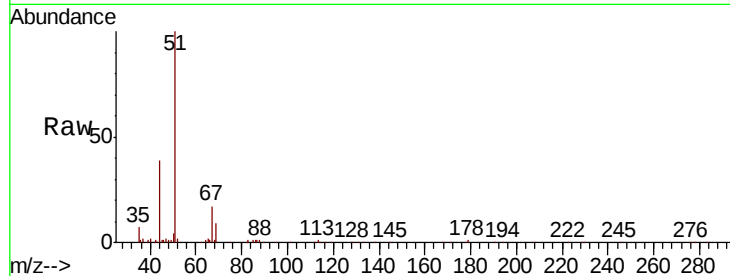
#3
Chlorodifluoromethane
Concen: 0.447 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.00 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion	Ratio	Lower	Upper
51	100		
67	24.1	14.7	22.1#

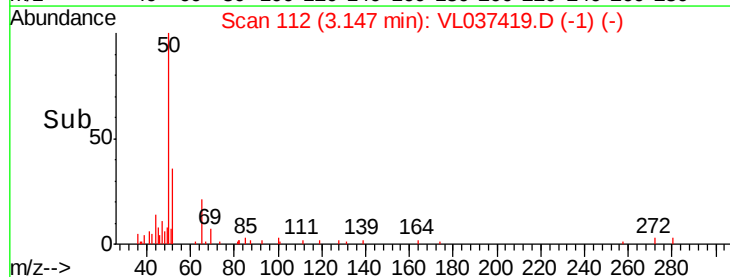
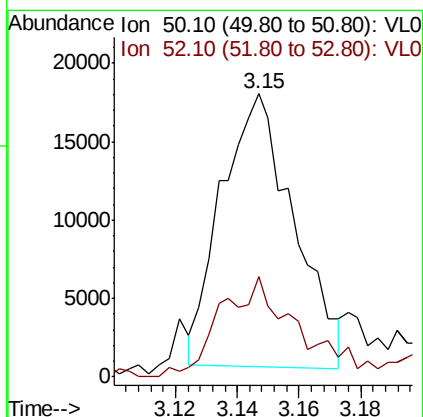
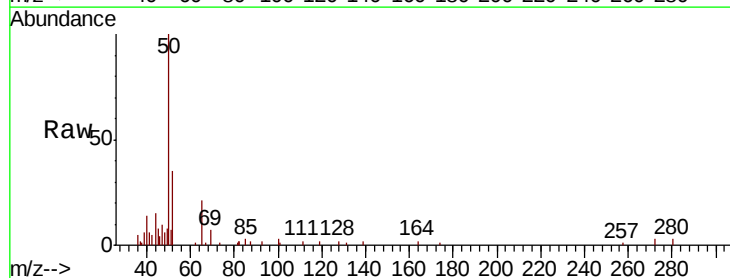
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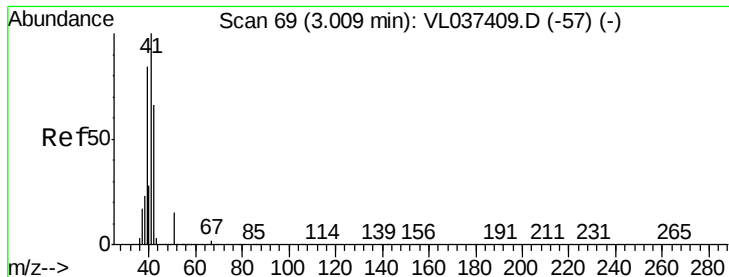
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#4
Chloromethane
Concen: 0.309 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
50	100		
52	37.6	26.2	39.4





#9

Propene

Concen: 1.142 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037419.D

Acq: 12 Aug 2021 18:46

Instrument :

MSVOA_L

ClientSampleId :

SV1RE

Tot Ion: 41 Resp: 97818

Ion Ratio Lower Upper

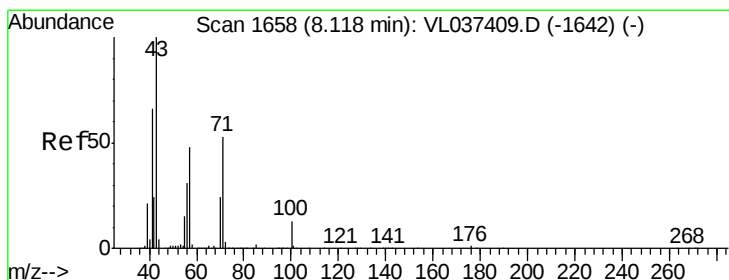
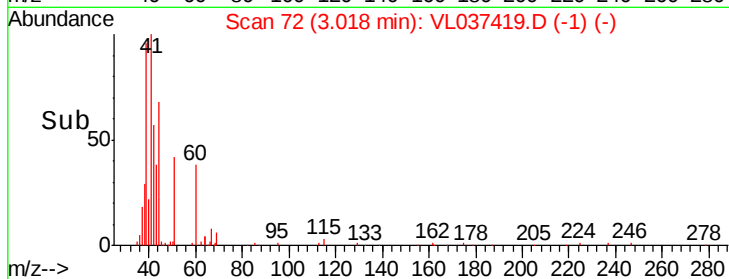
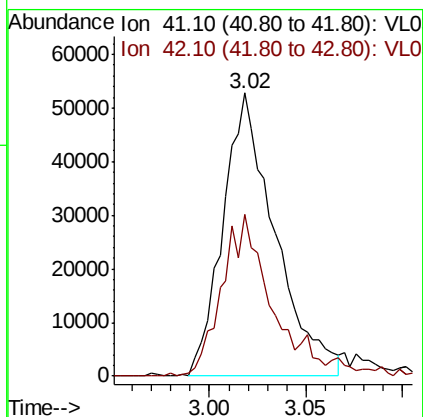
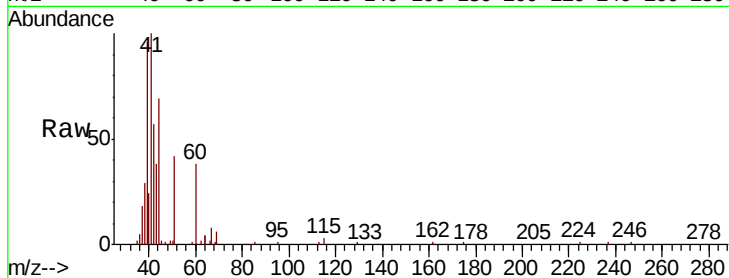
41 100

42 58.0 53.8 80.8

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#10

Heptane

Concen: 2.346 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL037419.D

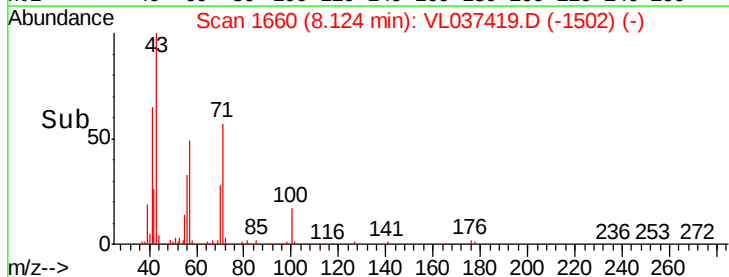
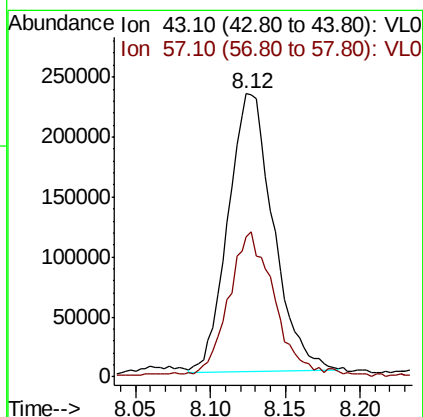
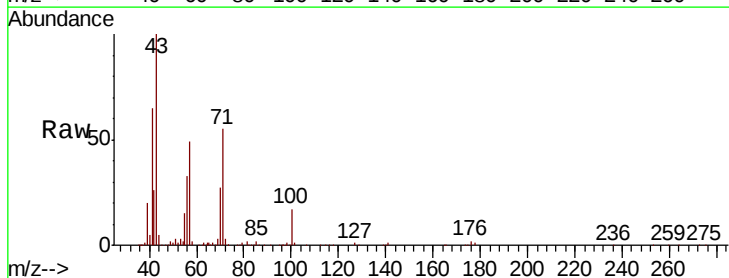
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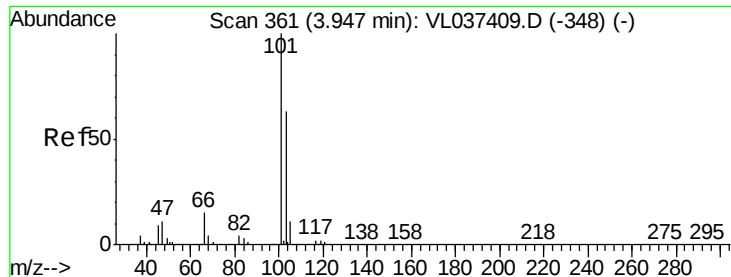
Tgt Ion: 43 Resp: 488649

Ion Ratio Lower Upper

43 100

57 53.8 40.3 60.5





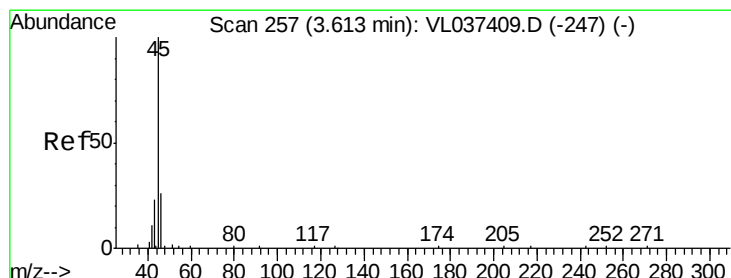
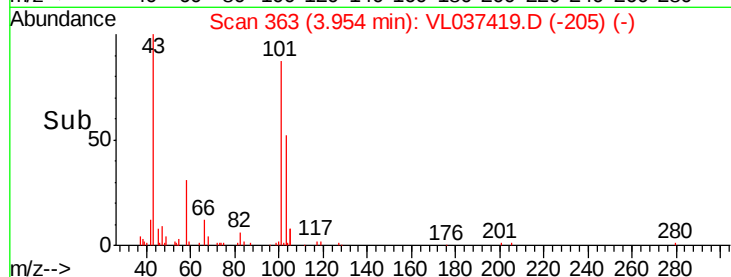
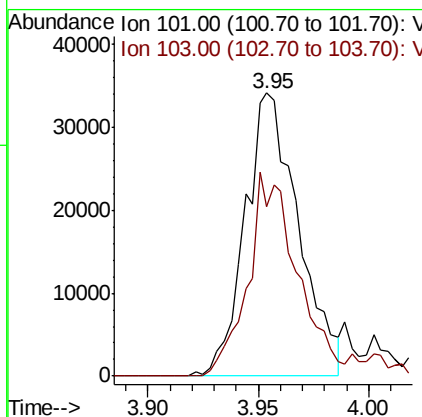
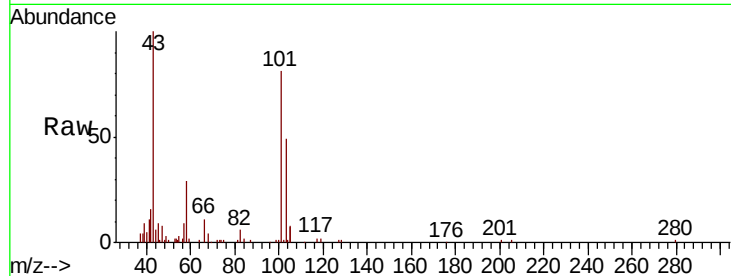
#11
 Trichlorofluoromethane
 Concen: 0.267 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. 0.01 min
 Lab File: VL037419.D
 Acq: 12 Aug 2021 18:46

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1RE

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.8	50.2	75.4

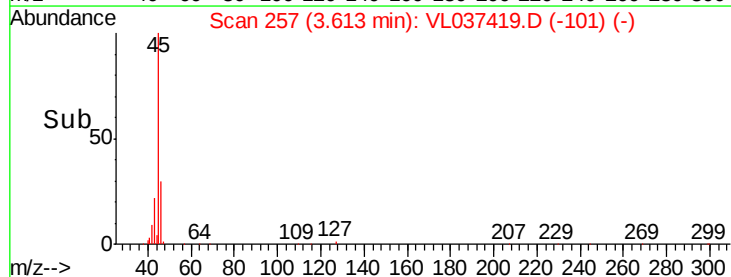
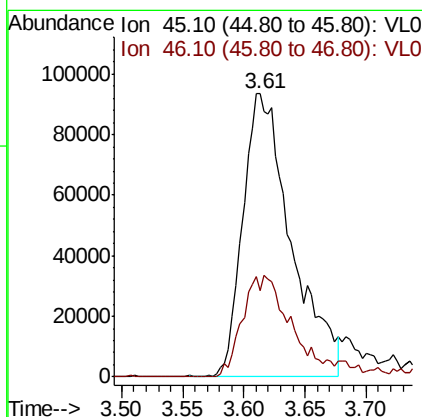
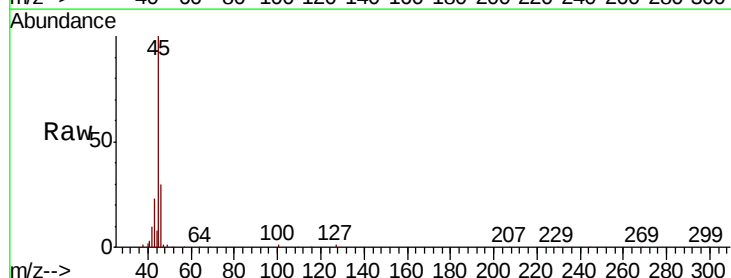
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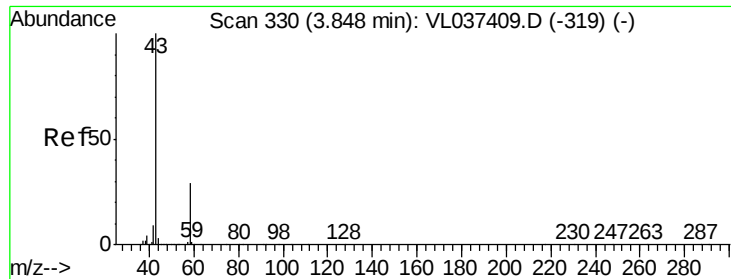
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#13
 Ethanol
 Concen: 28.255 ppbv m
 RT: 3.61 min Scan# 257
 Delta R.T. 0.00 min
 Lab File: VL037419.D
 Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
45	100		
46	38.5	18.0	72.2





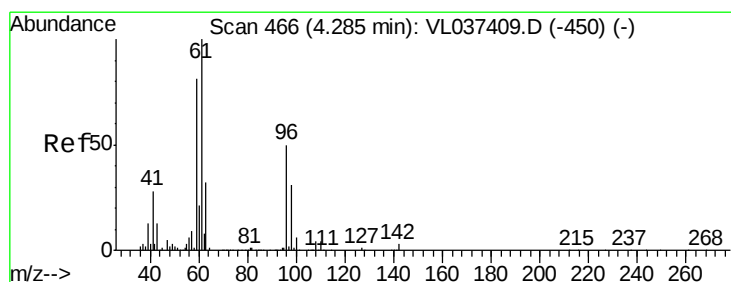
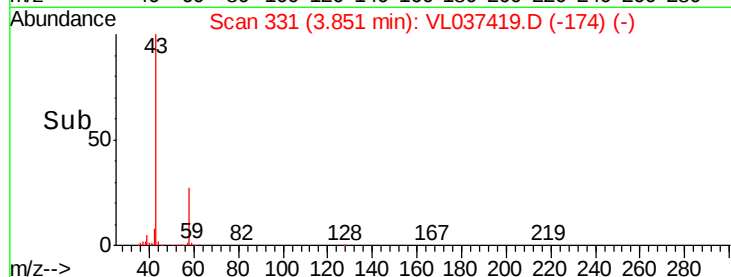
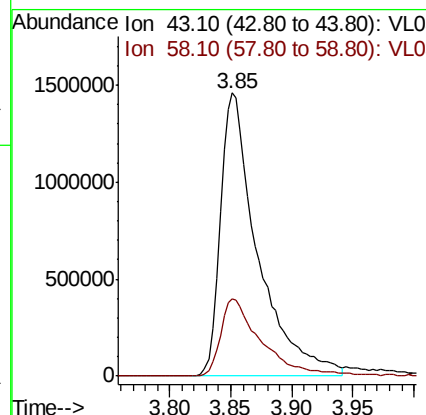
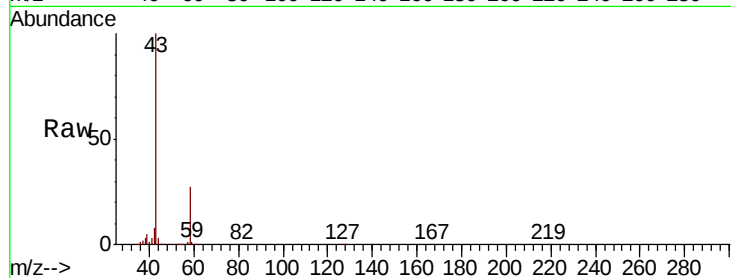
#15
Acetone
Concen: 22.720 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion: 43 Resp: 3129590
Ion Ratio Lower Upper
43 100
58 30.7 24.4 36.6

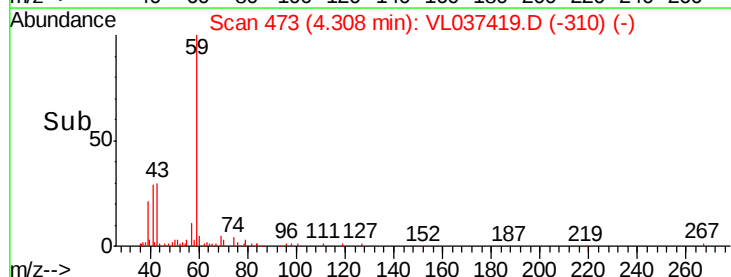
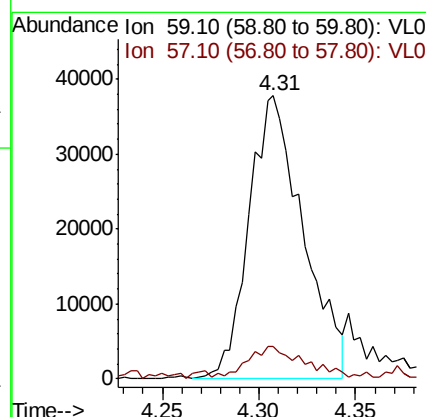
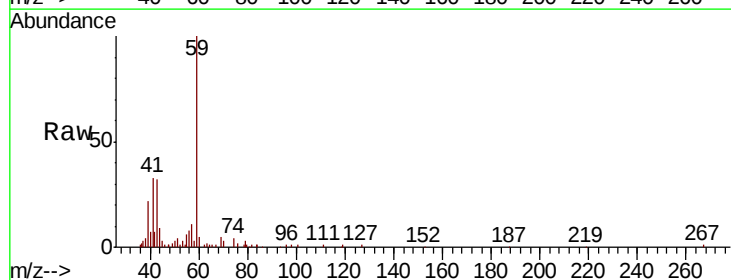
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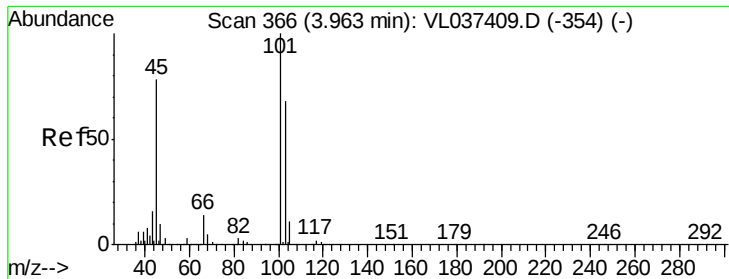
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#17
tert-Butyl alcohol
Concen: 0.561 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.02 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion: 59 Resp: 73697
Ion Ratio Lower Upper
59 100
57 15.0 8.5 12.7#





#19

Isopropyl Alcohol

Concen: 1.036 ppbv m

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL037419.D

Acq: 12 Aug 2021 18:46

Instrument :

MSVOA_L

ClientSampleId :

SV1RE

Tot Ion: 45 Resp: 83083

Ion Ratio Lower Upper

45 100

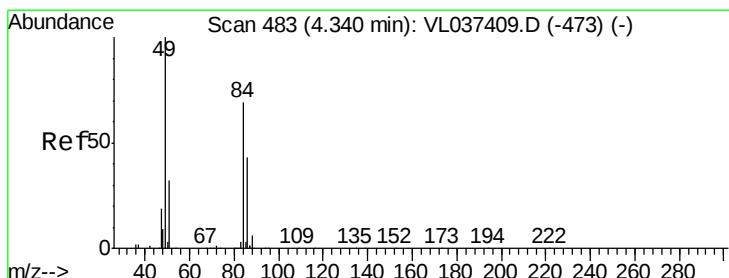
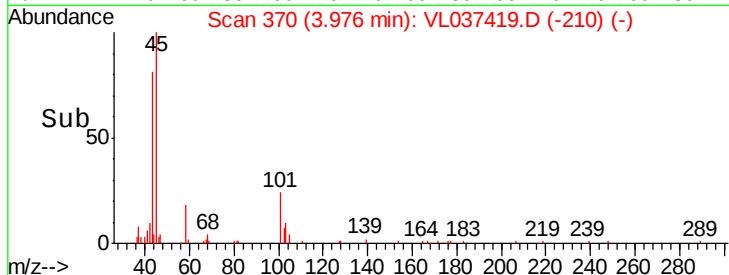
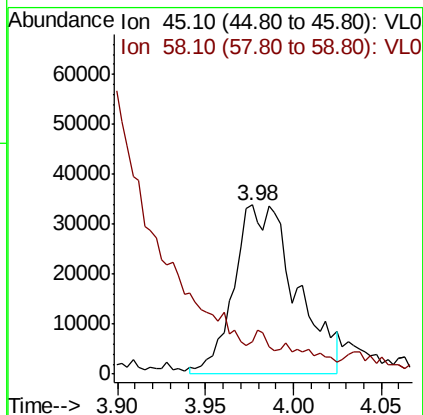
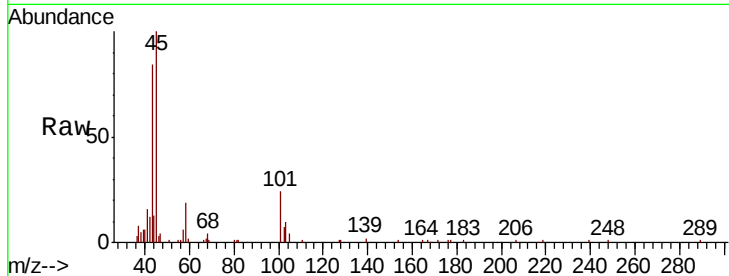
58 0.0 2.2 3.4#

Manual Integrations

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#20

Methylene Chloride

Concen: 57.077 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.01 min

Lab File: VL037419.D

Acq: 12 Aug 2021 18:46

Tgt Ion: 84 Resp: 4157219

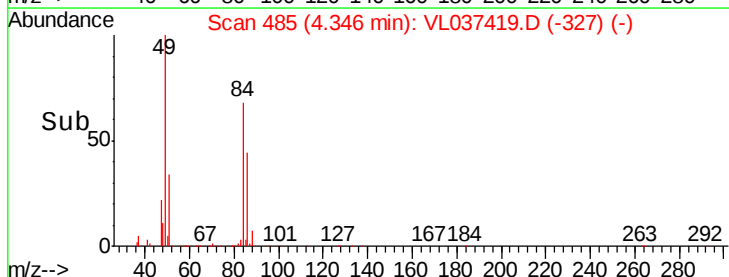
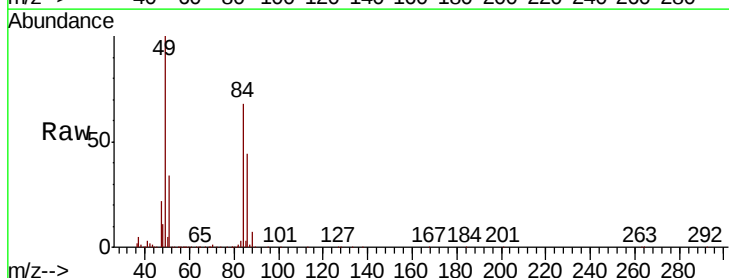
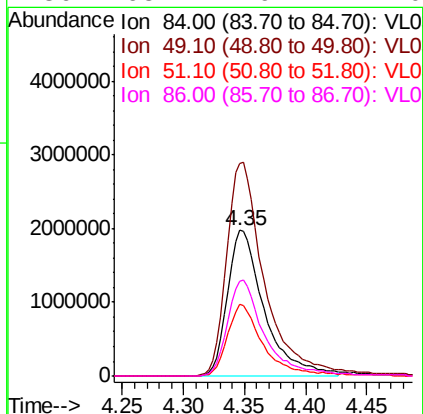
Ion Ratio Lower Upper

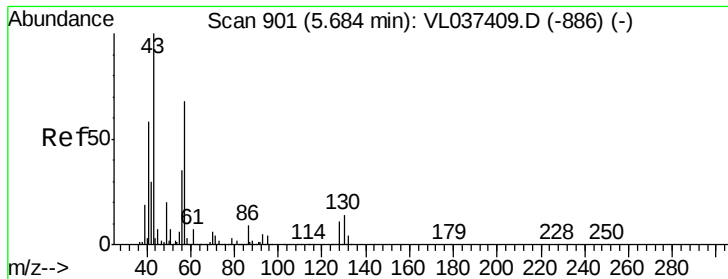
84 100

49 146.5 116.0 174.0

51 49.0 37.1 55.7

86 65.1 49.4 74.0





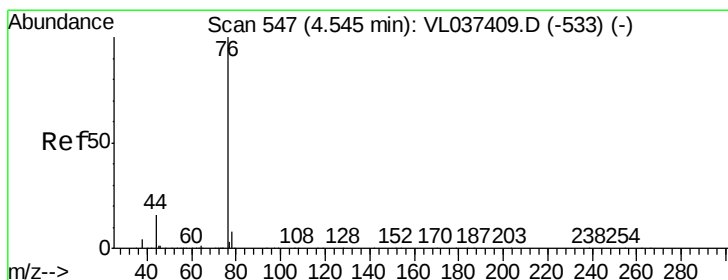
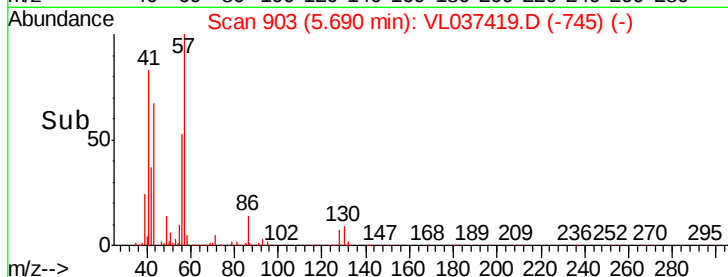
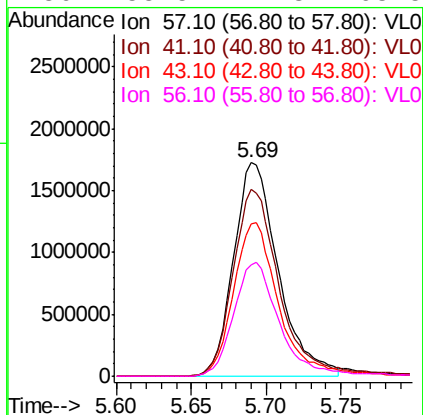
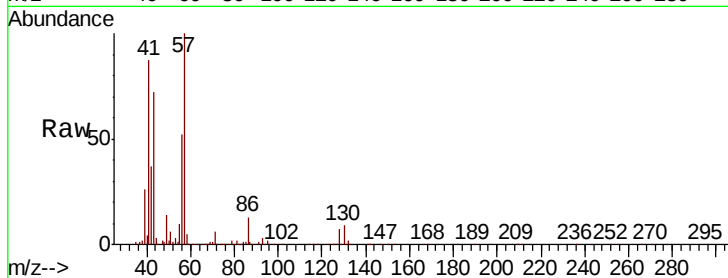
#26
Hexane
Concen: 21.150 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion	57	Resp	3583080
Ion	Ratio	Lower	Upper
57	100		
41	92.6	72.5	108.7
43	73.5	169.3	253.9#
56	55.5	42.3	63.5

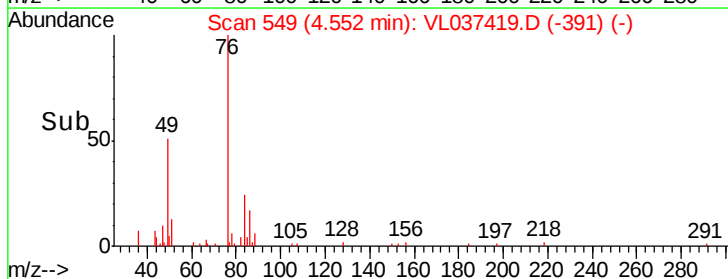
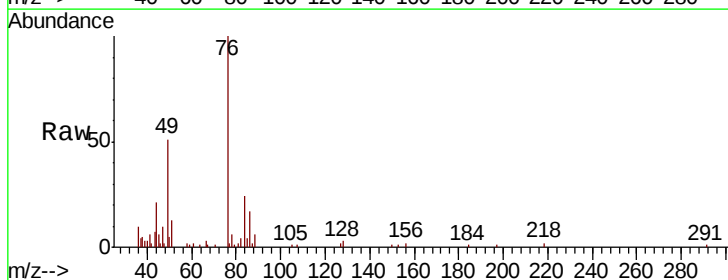
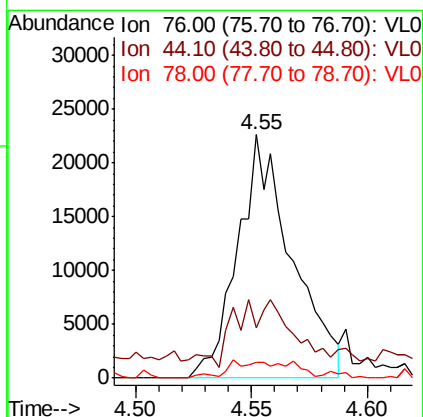
Manual Integrations
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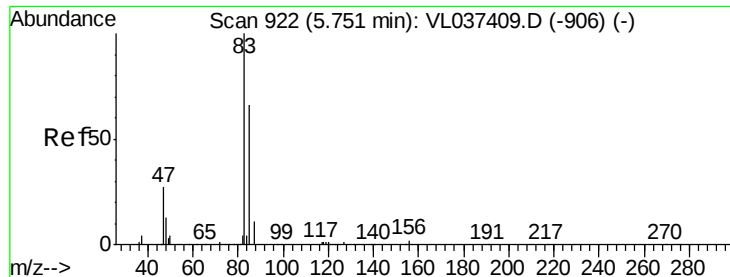
apatel
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#27
Carbon Disulfide
Concen: 0.257 ppbv
RT: 4.55 min Scan# 549
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	76	Resp	36715
Ion	Ratio	Lower	Upper
76	100		
44	33.4	14.4	21.6#
78	10.4	8.0	12.0





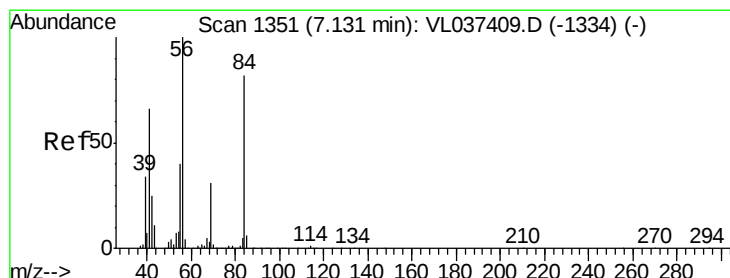
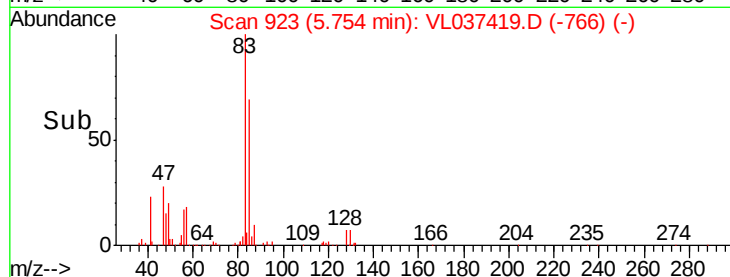
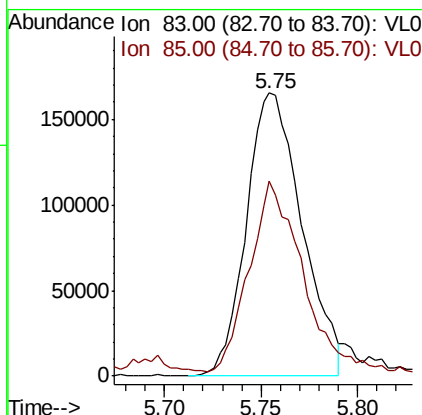
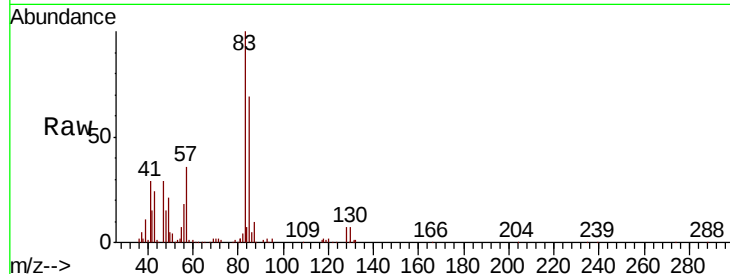
#29
Chloroform
Concen: 1.386 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.4	78.6

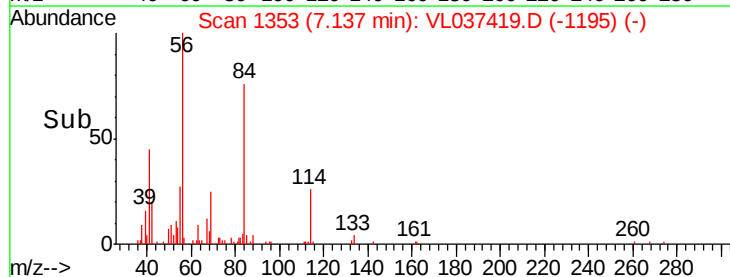
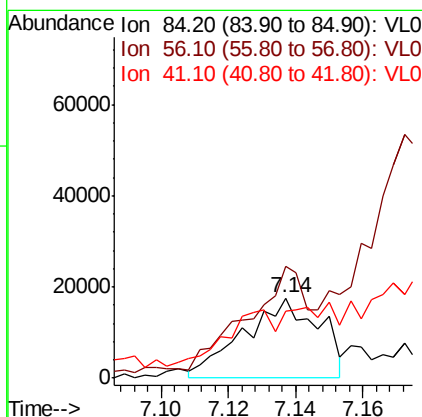
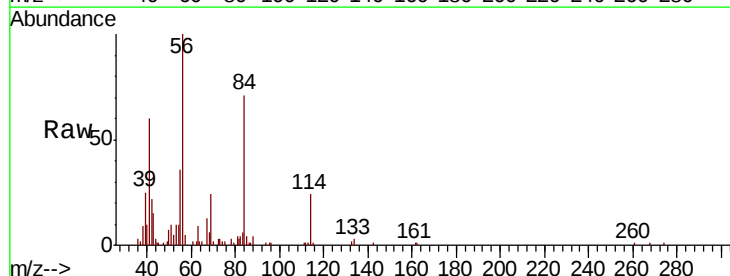
Manual Integrations
APPROVED

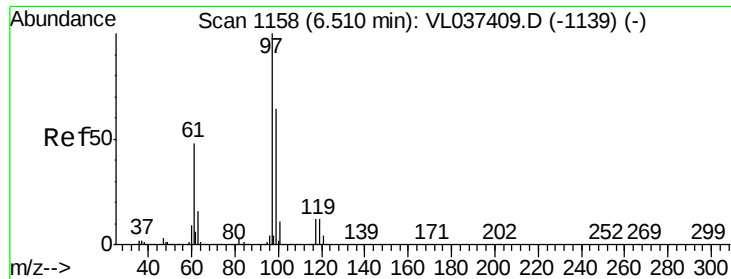
apatel
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#30
Cyclohexane
Concen: 0.196 ppbv m
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.6	164.4#
41	0.0	66.6	99.8#





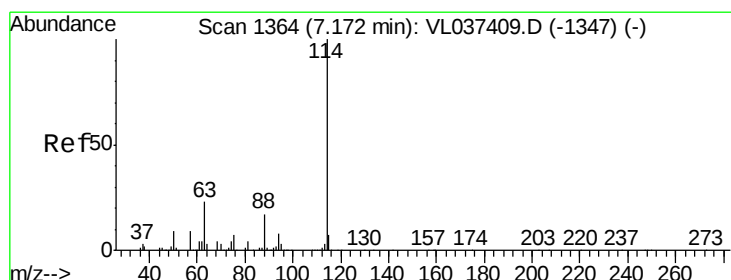
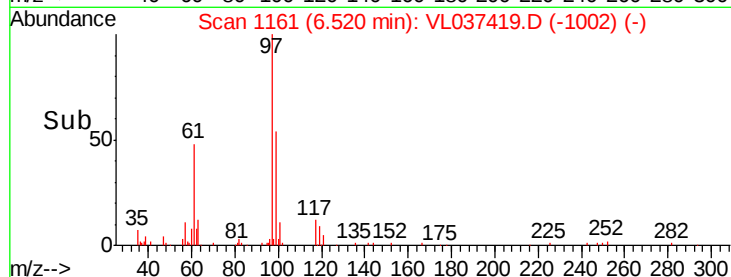
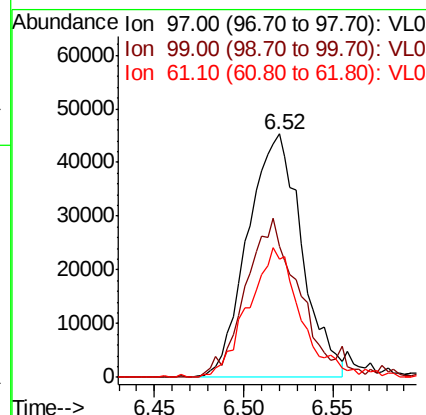
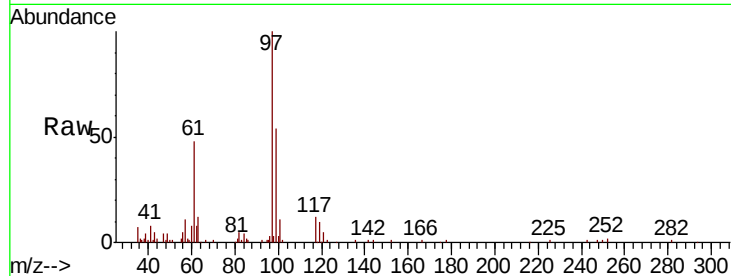
#32
 1,1,1-Trichloroethane
 Concen: 0.398 ppbv
 RT: 6.52 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VL037419.D
 Acq: 12 Aug 2021 18:46

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1RE

Tot Ion	Ratio	Lower	Upper
97	100		
99	67.3	52.3	78.5
61	52.4	40.1	60.1

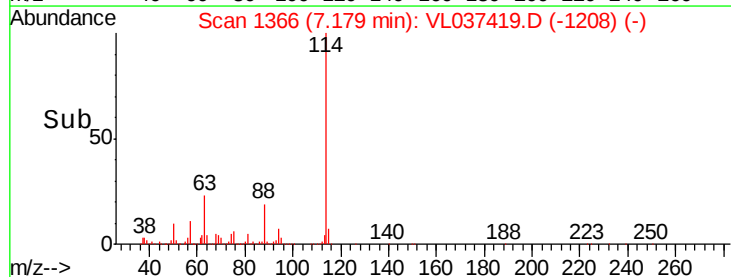
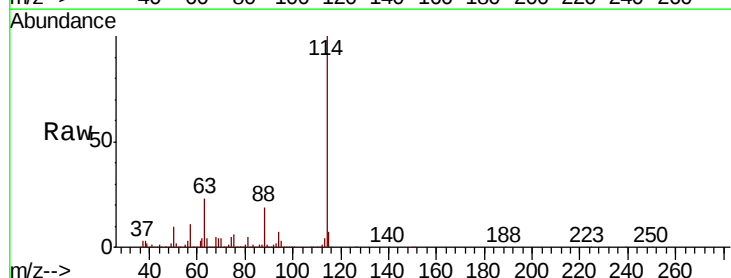
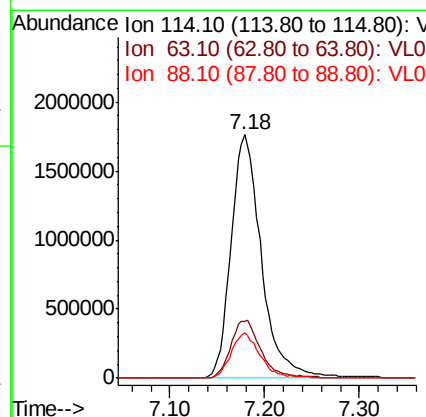
Manual Integrations
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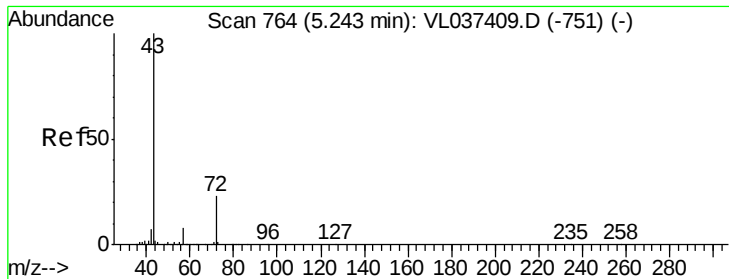
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VL037419.D
 Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.2
88	18.0	14.2	21.4





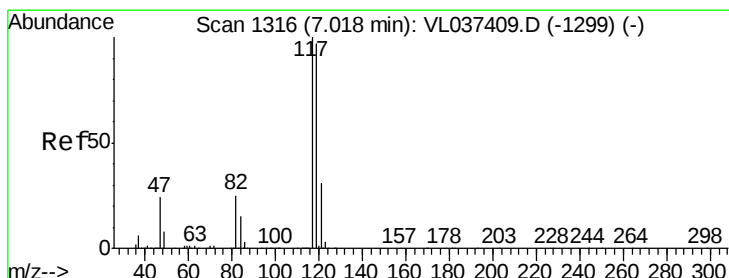
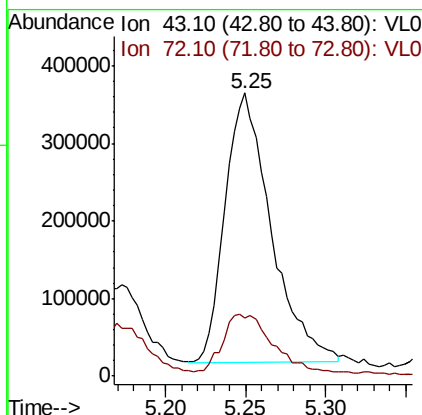
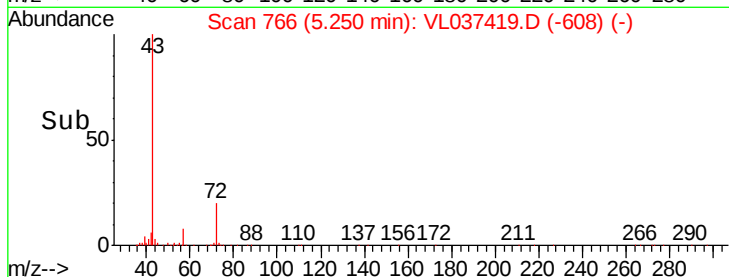
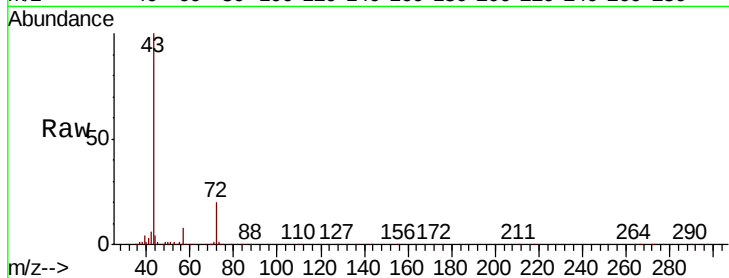
#34
2-Butanone
Concen: 4.228 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion	Ratio	Lower	Upper
43	100		
72	28.3	17.7	26.5#

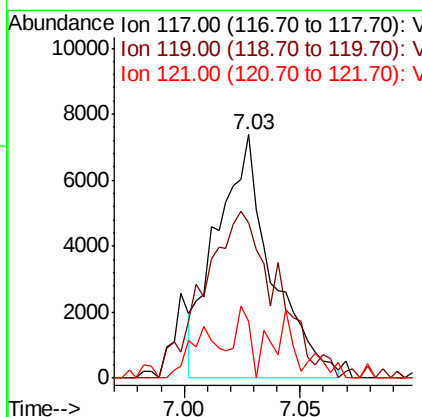
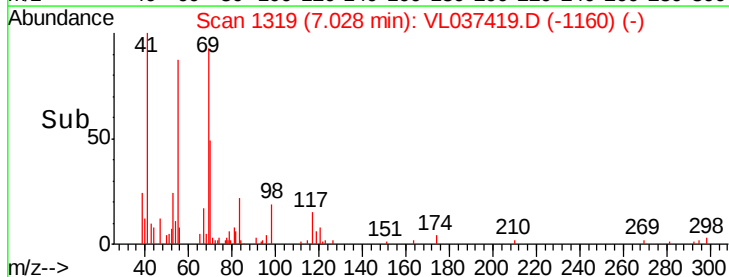
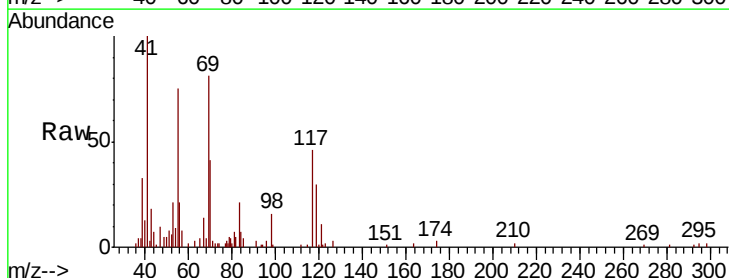
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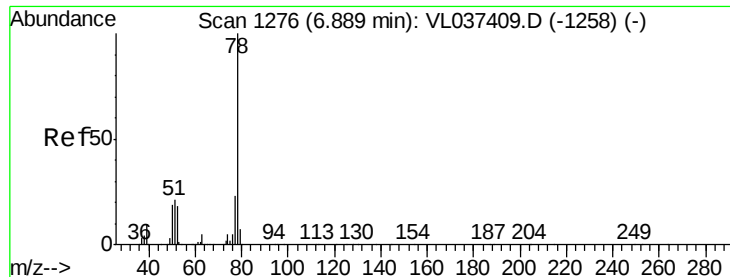
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#35
Carbon Tetrachloride
Concen: 0.050 ppbv
RT: 7.03 min Scan# 1319
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	66.1	77.5	116.3#
121	20.1	24.7	37.1#





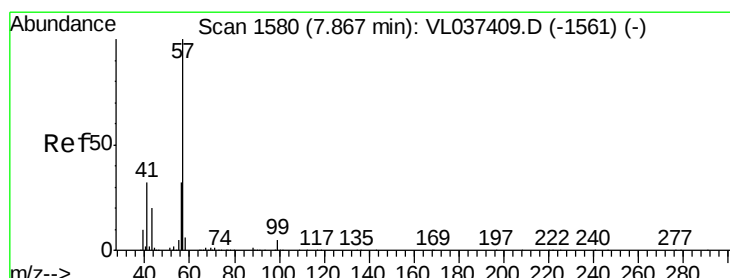
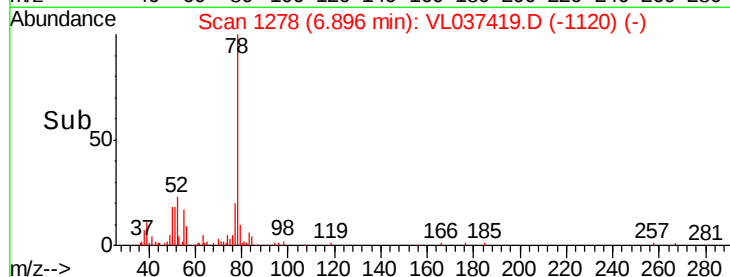
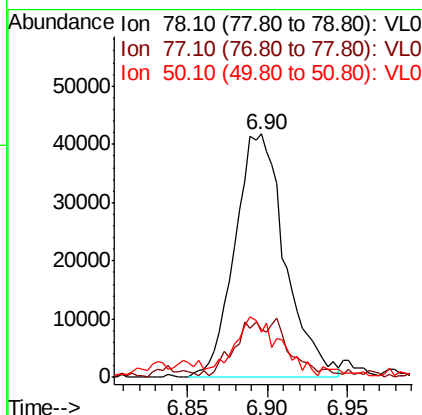
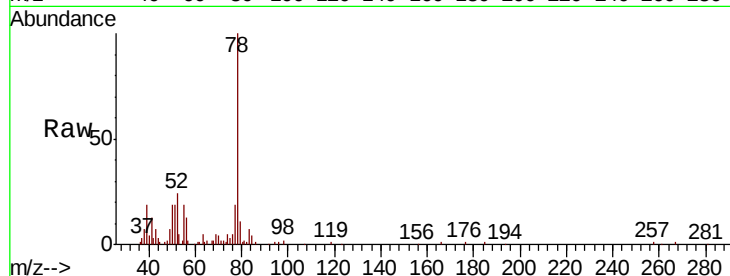
#36
Benzene
Concen: 0.272 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion	Ratio	Lower	Upper
78	100		
77	17.6	18.6	27.8#
50	15.3	14.9	22.3

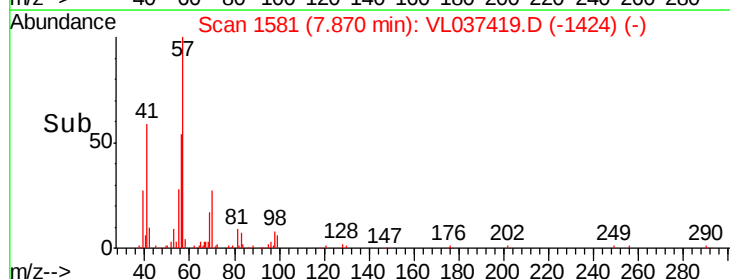
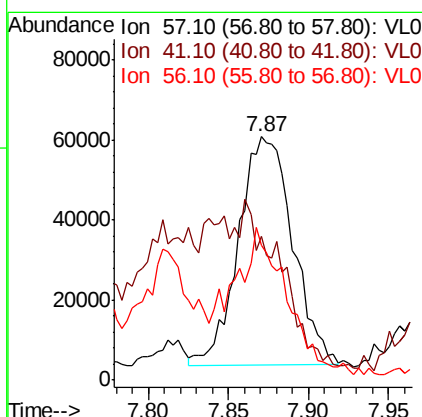
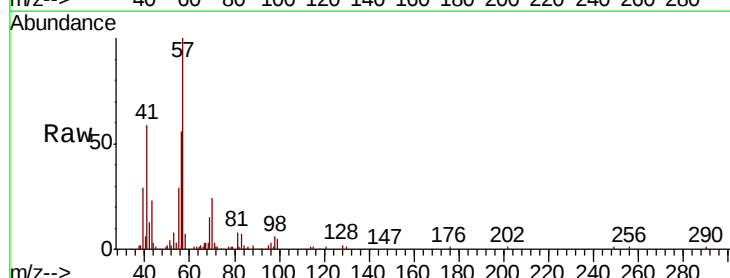
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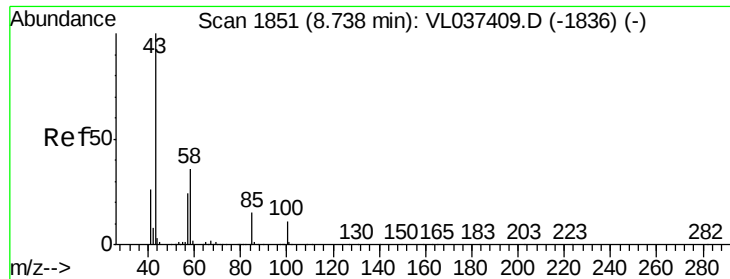
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#44
2,2,4-Trimethylpentane
Concen: 0.240 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
57	100		
41	153.0	26.4	39.6#
56	66.3	25.0	37.4#





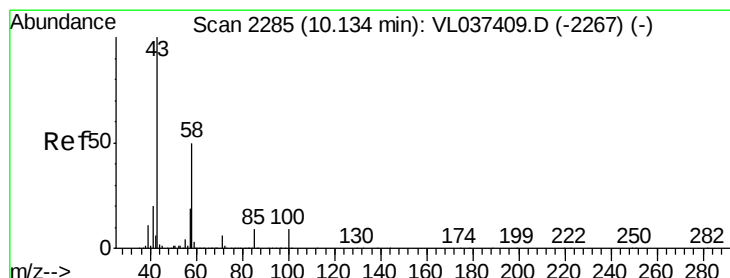
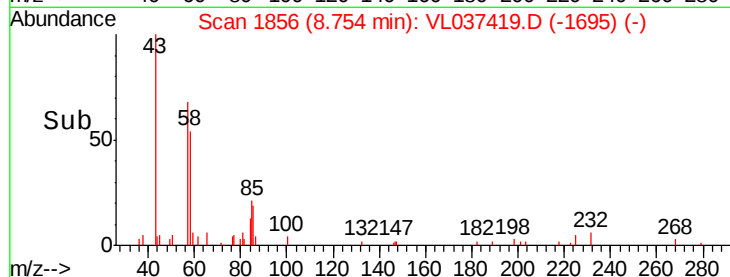
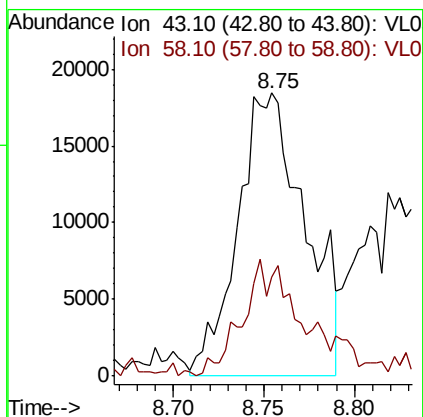
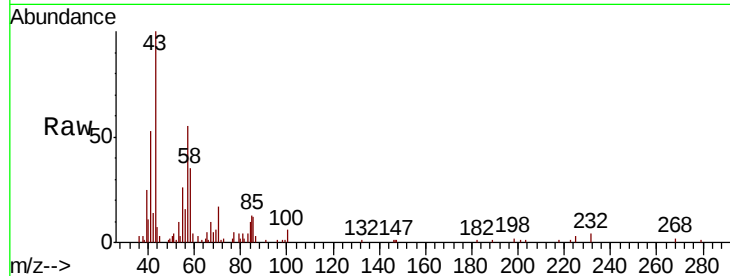
#50
4-Methyl-2-Pentanone
Concen: 0.234 ppbv m
RT: 8.75 min Scan# 1856
Delta R.T. 0.02 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampled :
SV1RE

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.6	29.9	44.9

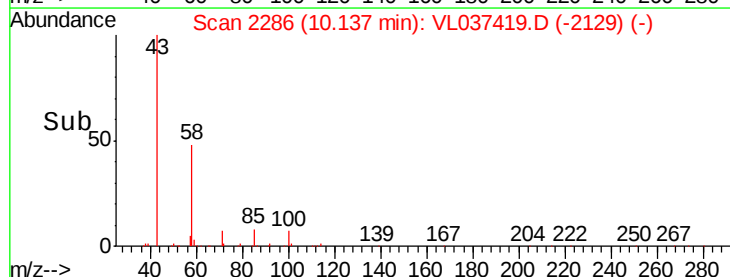
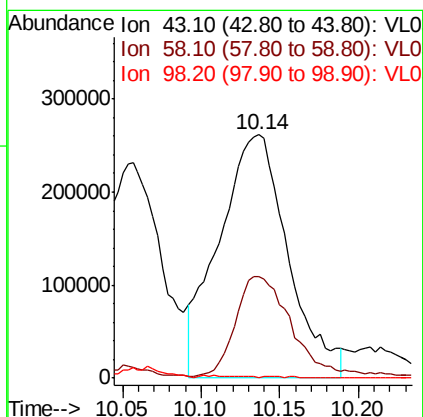
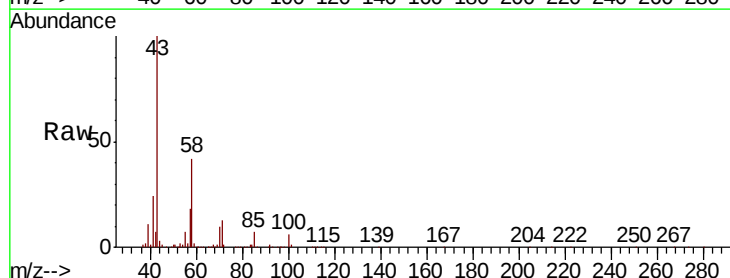
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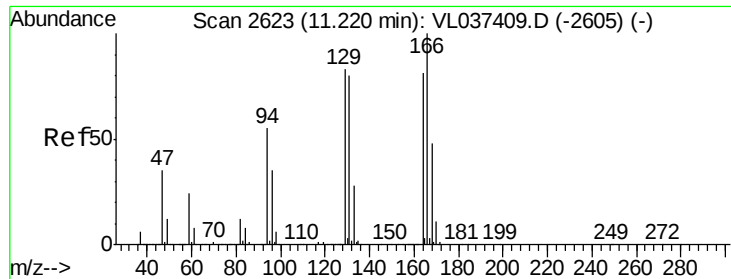
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#51
2-Hexanone
Concen: 8.350 ppbv m
RT: 10.14 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.9	59.9#
98	0.0	0.2	0.2#





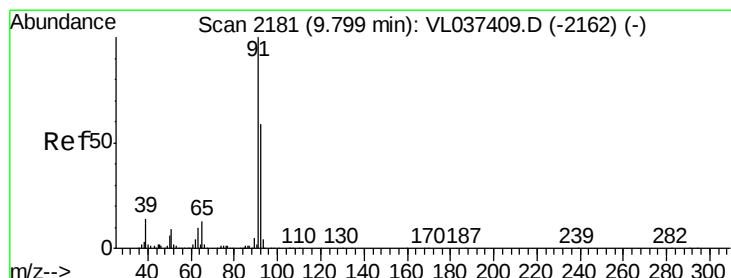
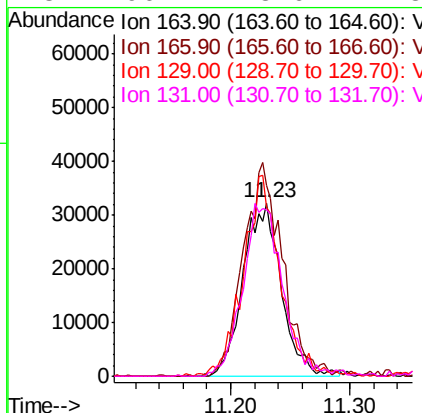
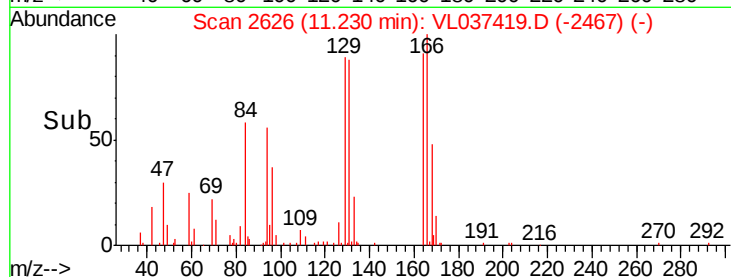
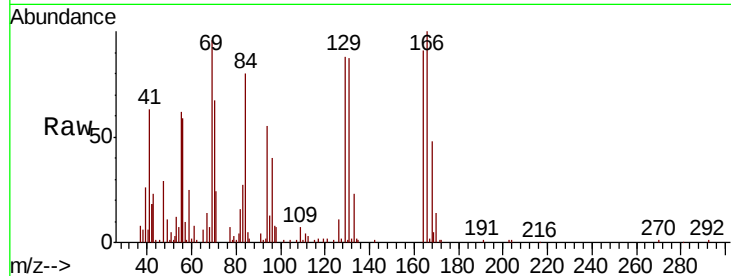
#52
Tetrachloroethene
Concen: 0.513 ppbv m
RT: 11.23 min Scan# 2626
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion	Ratio	Lower	Upper
164	100		
166	110.5	98.6	147.8
129	97.6	82.0	123.0
131	96.2	78.6	117.8

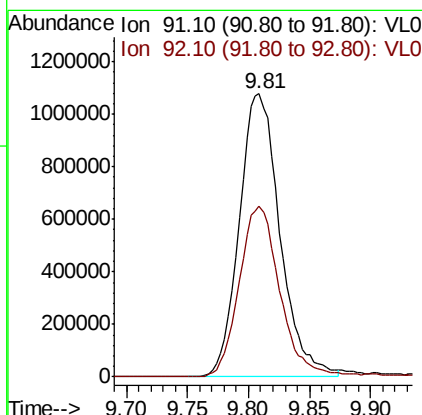
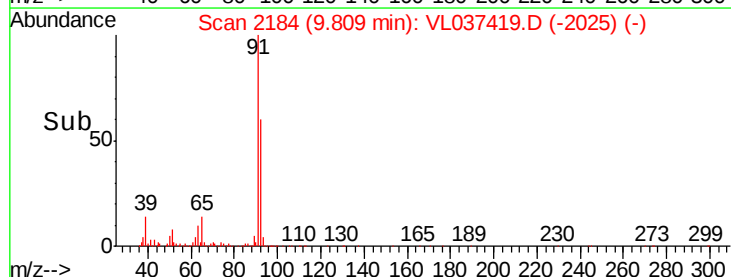
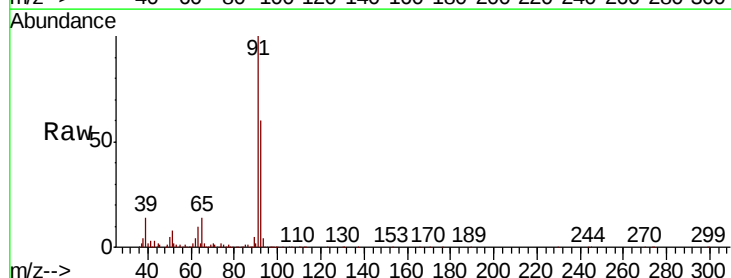
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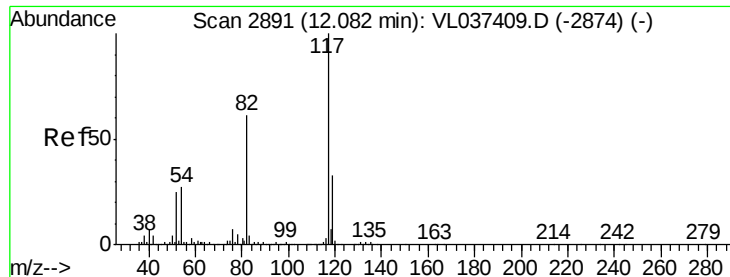
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#53
Toluene
Concen: 6.570 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.8	49.0	73.6





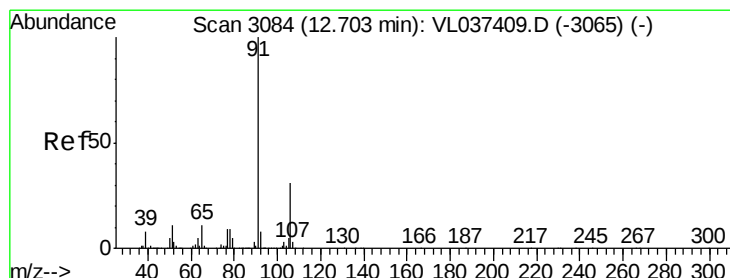
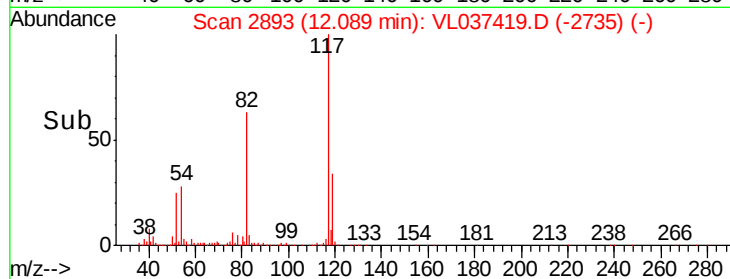
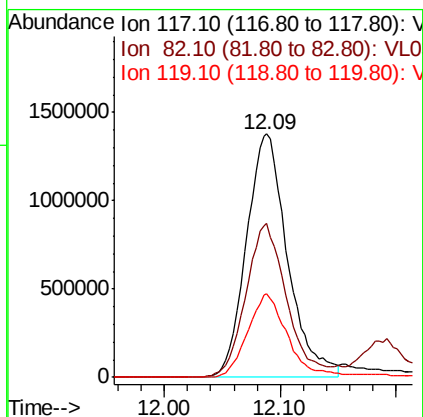
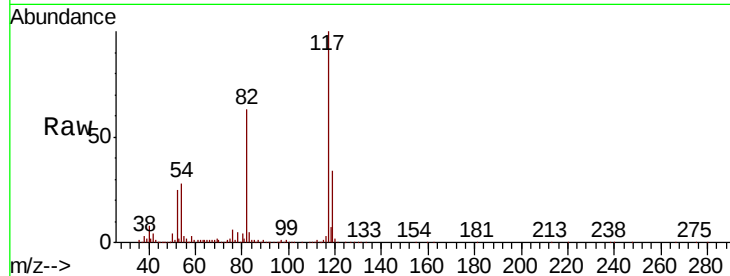
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion:117 Resp: 3393659
Ion Ratio Lower Upper
117 100
82 63.6 53.1 79.7
119 36.1 28.0 42.0

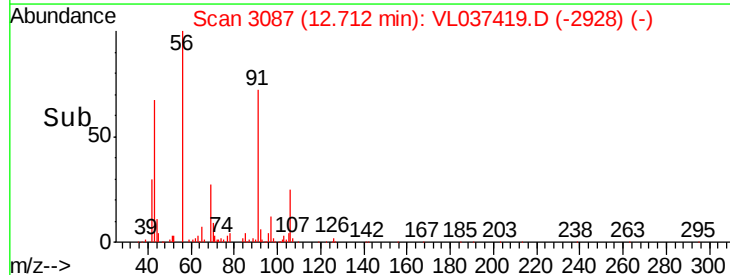
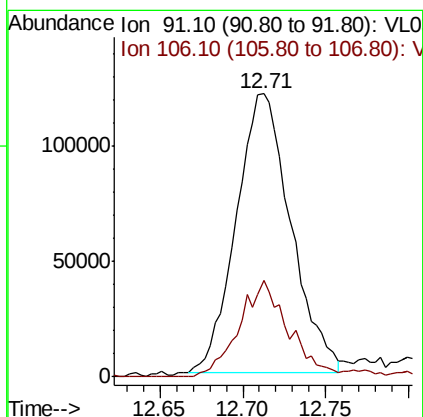
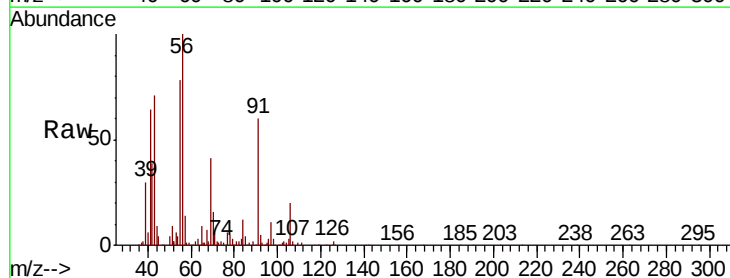
Manual Integrations
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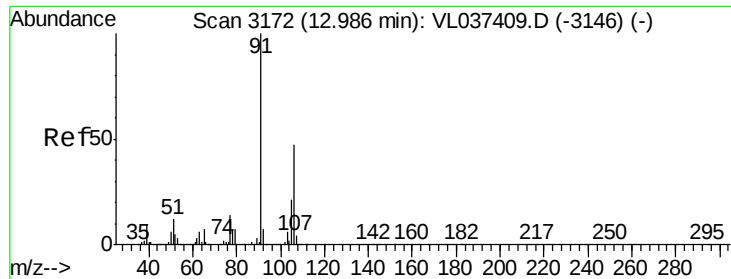
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#58
Ethyl Benzene
Concen: 0.604 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion: 91 Resp: 277965
Ion Ratio Lower Upper
91 100
106 34.2 24.7 37.1





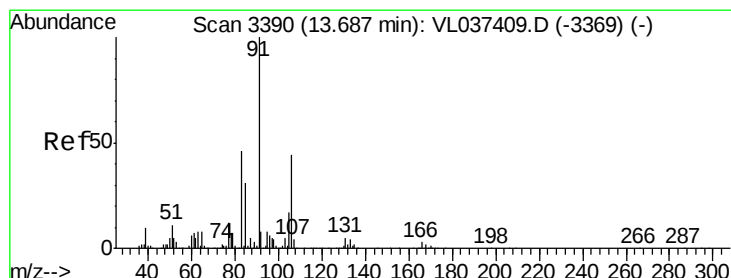
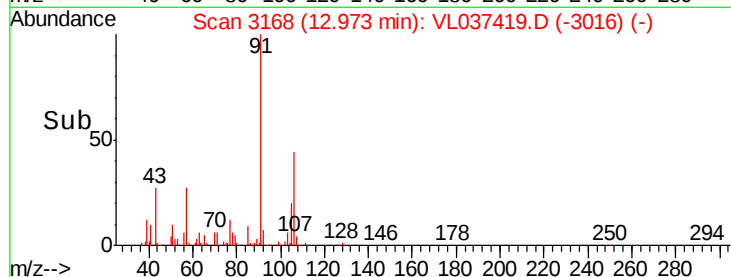
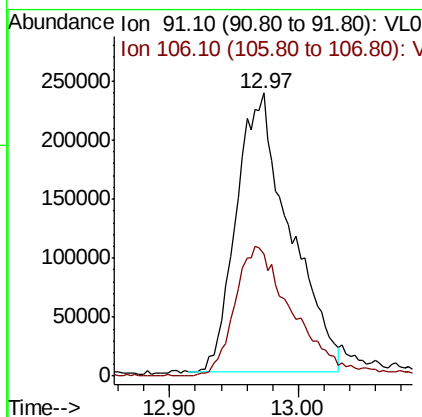
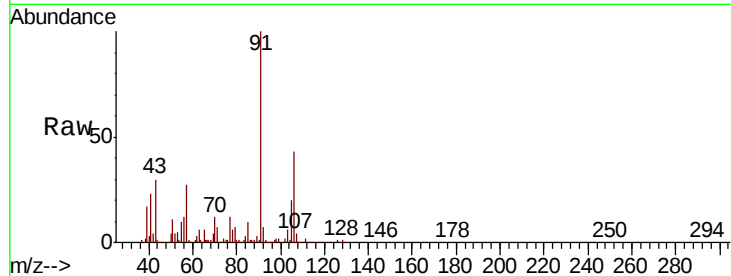
#59
m/p-Xylene
Concen: 1.694 ppbv
RT: 12.97 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampled :
SV1RE

Tot Ion: 91 Resp: 684893
Ion Ratio Lower Upper
91 100
106 52.1 36.6 54.8

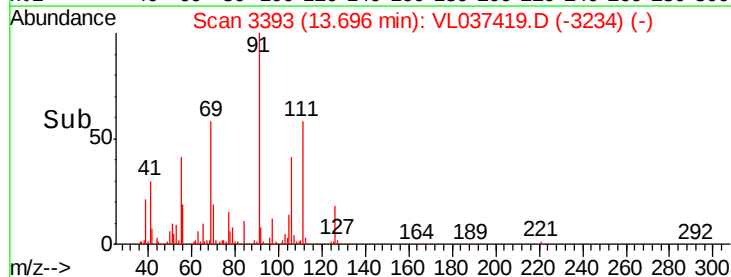
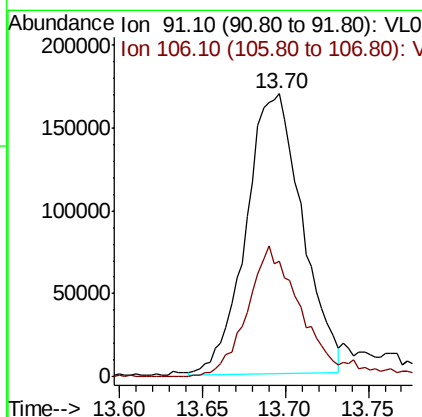
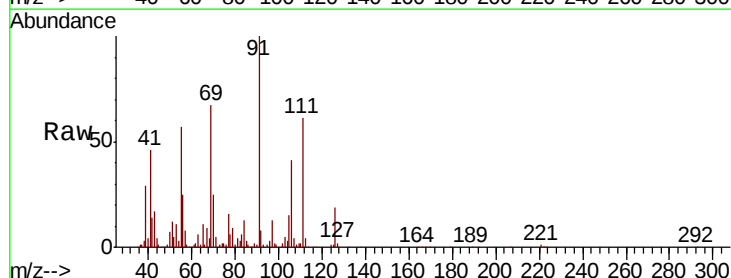
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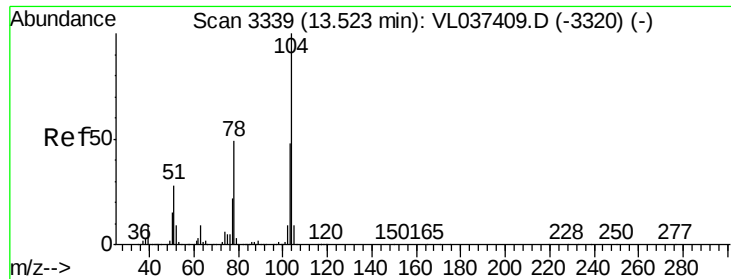
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#60
o-Xylene
Concen: 1.056 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion: 91 Resp: 396842
Ion Ratio Lower Upper
91 100
106 48.4 24.1 72.2





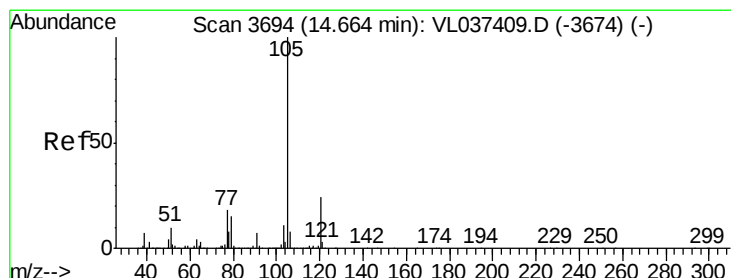
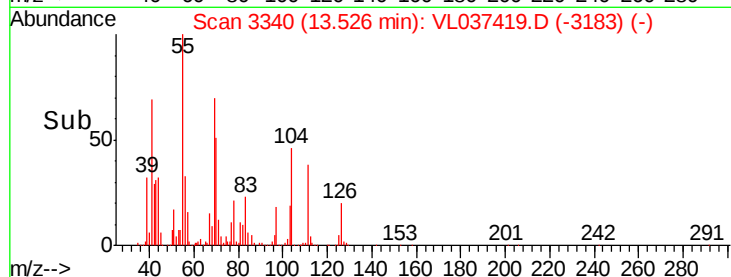
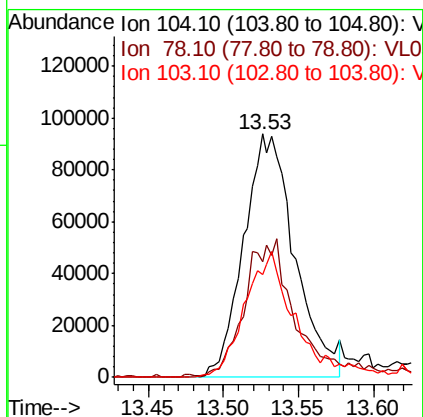
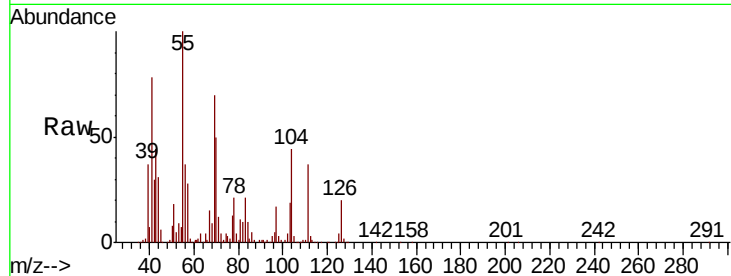
#61
Stvrene
Concen: 1.171 ppbv m
RT: 13.53 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampled :
SV1RE

Tot Ion	Ratio	Lower	Upper
104	100		
78	60.0	41.5	62.3
103	51.1	40.2	60.2

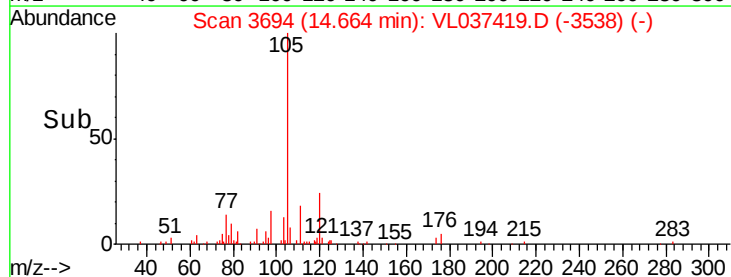
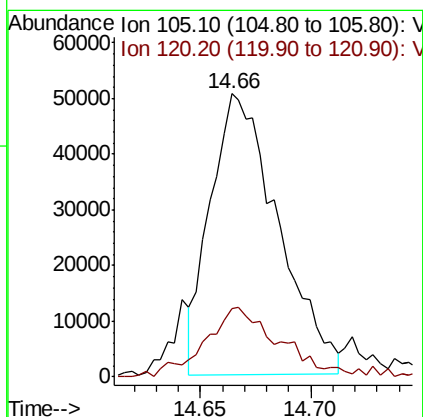
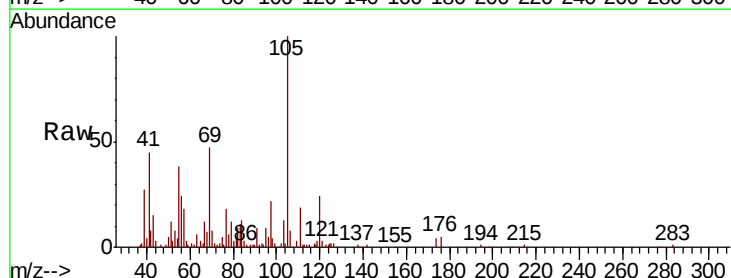
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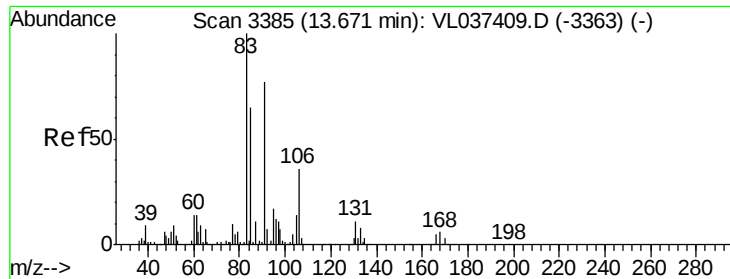
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#62
Isopropylbenzene
Concen: 0.199 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.3	21.6	32.4





#63

1,1,2,2-Tetrachloroethane

Concen: 0.475 ppbv m

RT: 13.67 min Scan# 3384

Delta R.T. -0.00 min

Lab File: VL037419.D

Acq: 12 Aug 2021 18:46

Instrument :

MSVOA_L

ClientSampled :

SV1RE

Tot Ion: 83 Resp: 134634
Ion Ratio Lower Upper

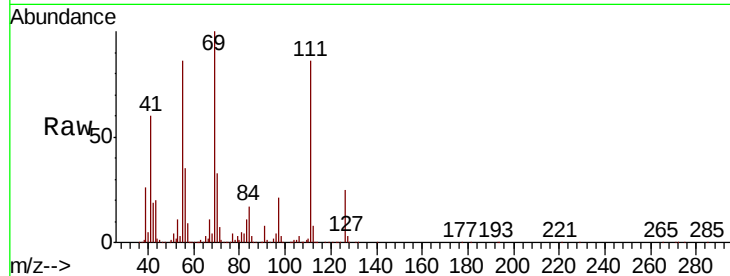
83 100

131 0.0 5.1 15.4#

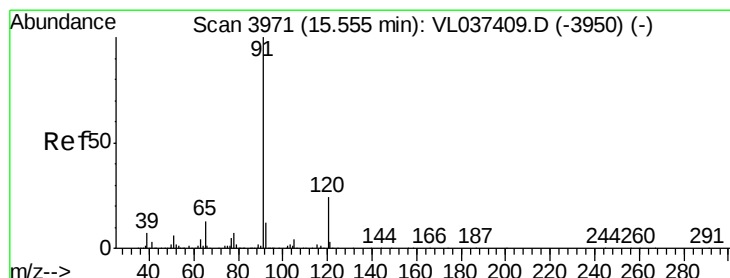
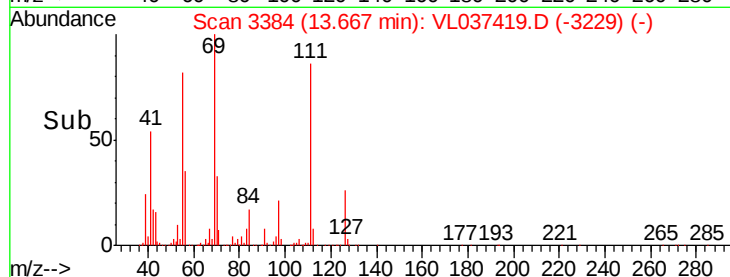
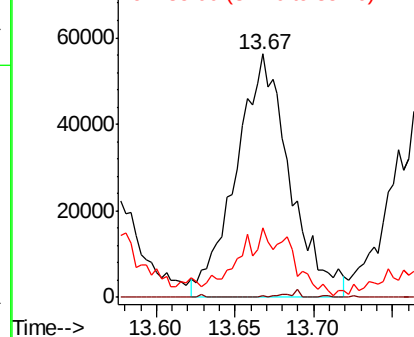
85 0.0 33.4 100.2#

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Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.755 ppbv m

RT: 15.56 min Scan# 3972

Delta R.T. 0.00 min

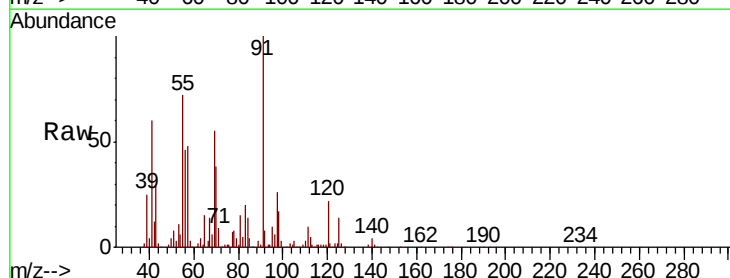
Lab File: VL037419.D

Acq: 12 Aug 2021 18:46

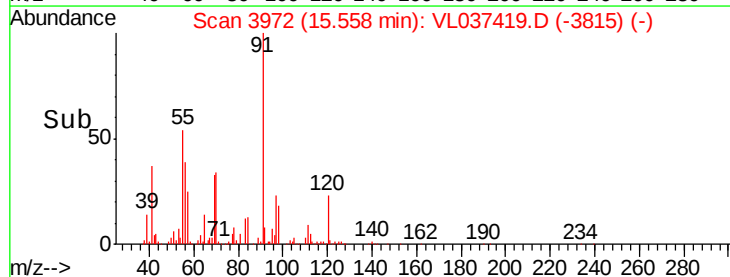
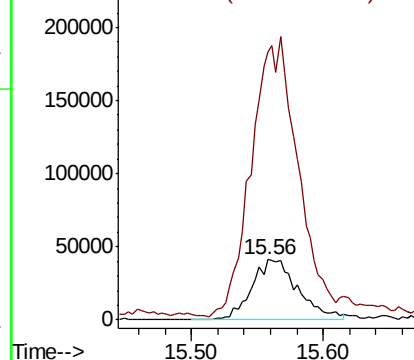
Tgt Ion: 120 Resp: 102121
Ion Ratio Lower Upper

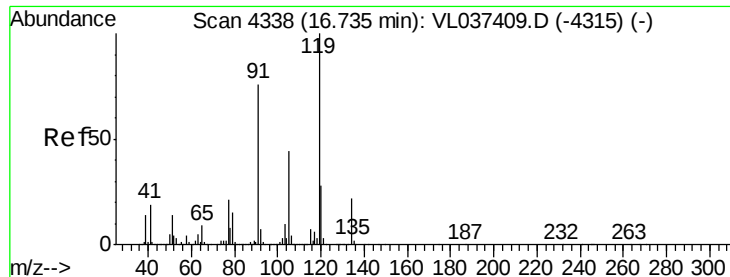
120 100

91 494.9 388.4 582.6



Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 0.569 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. 0.02 min

Lab File: VL037419.D

Acq: 12 Aug 2021 18:46

Instrument :

MSVOA_L

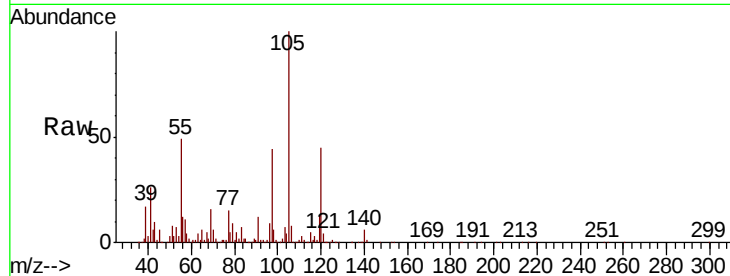
ClientSampled :

SV1RE

Tot Ion	Ratio	Resp	Lower	Upper
119	100	275458		
91	92.6	62.2	93.4	
134	1.6	16.1	24.1	

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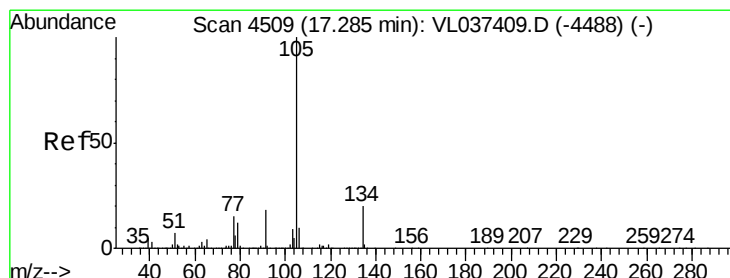
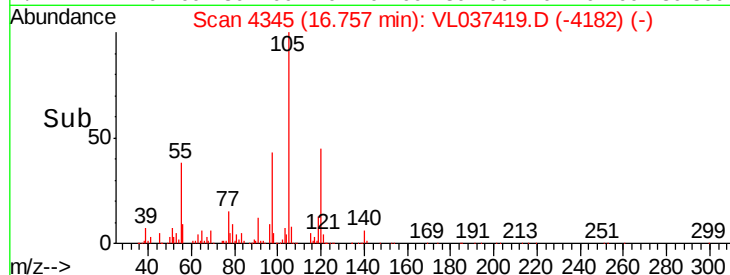
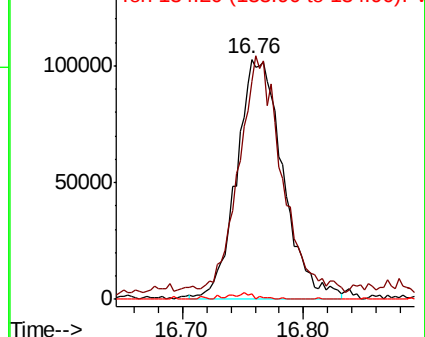
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#67

sec-Butylbenzene

Concen: 0.380 ppbv

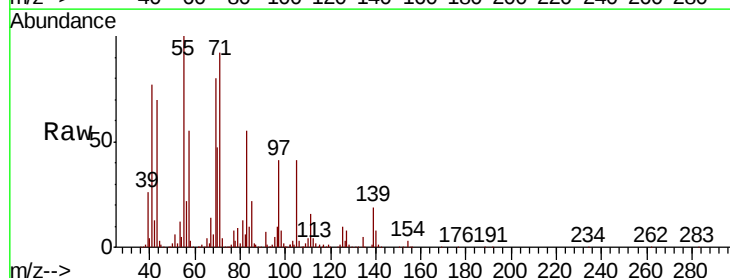
RT: 17.30 min Scan# 4513

Delta R.T. 0.01 min

Lab File: VL037419.D

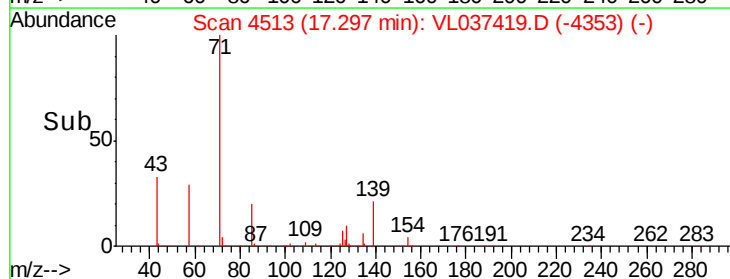
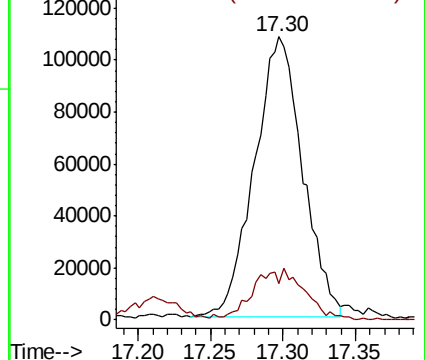
Acq: 12 Aug 2021 18:46

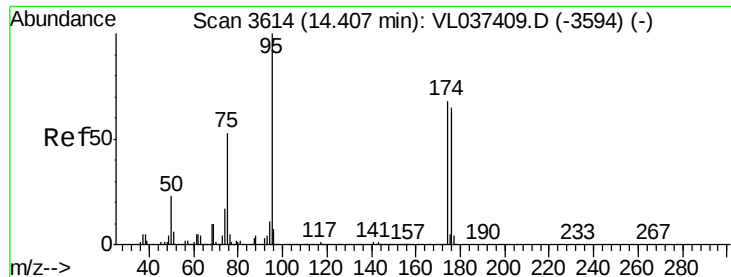
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250337		
134	19.3	15.4	23.0	



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V





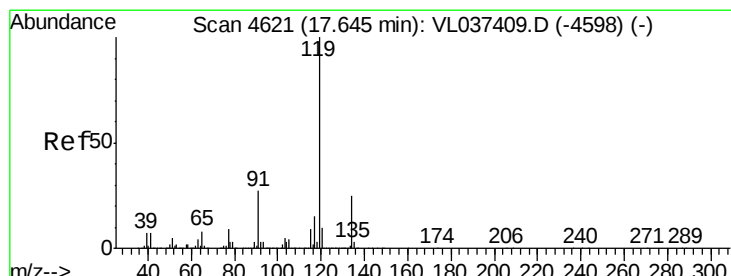
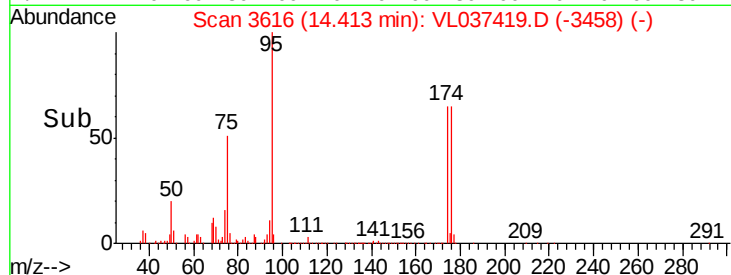
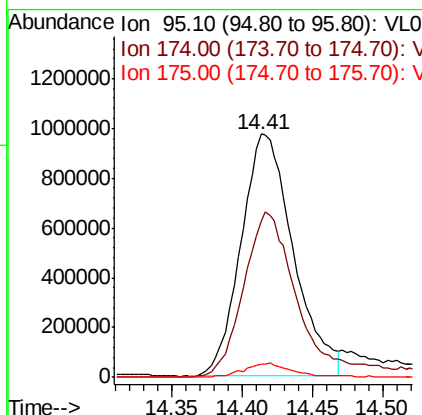
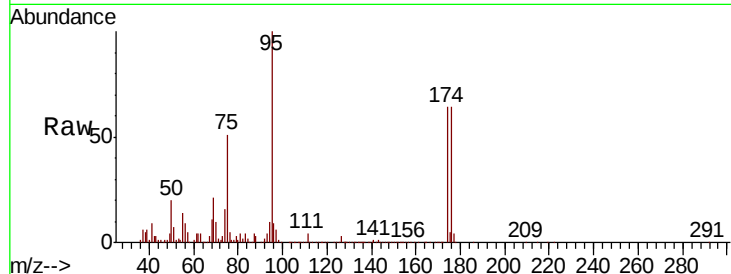
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.395 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. 0.01 min
 Lab File: VL037419.D
 Acq: 12 Aug 2021 18:46

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1RE

Tot Ion: 95 Resp: 2530617
 Ion Ratio Lower Upper
 95 100
 174 75.6 59.6 89.4
 175 5.5 4.3 6.5

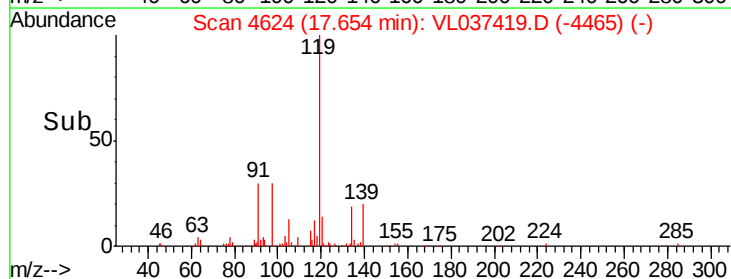
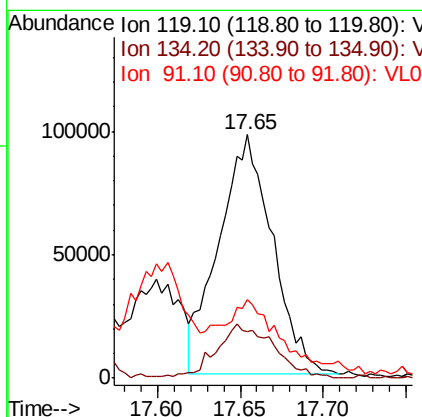
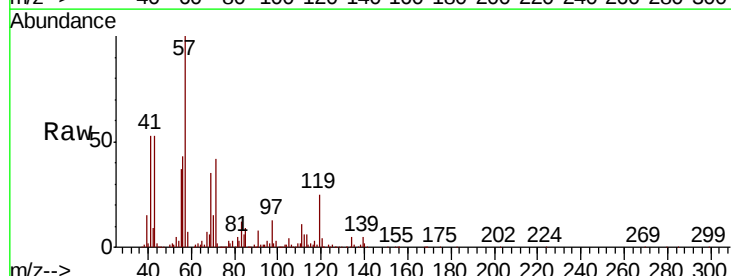
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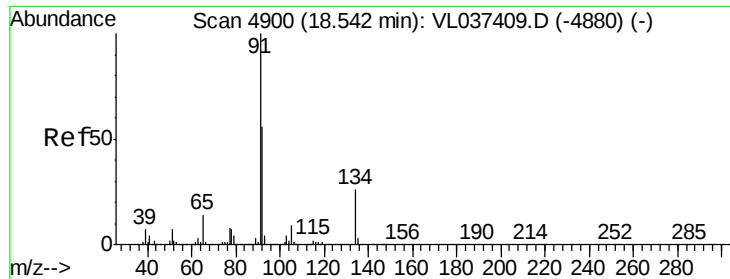
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#69
 p-Isopropyltoluene
 Concen: 0.405 ppbv
 RT: 17.65 min Scan# 4624
 Delta R.T. 0.01 min
 Lab File: VL037419.D
 Acq: 12 Aug 2021 18:46

Tgt Ion: 119 Resp: 218983
 Ion Ratio Lower Upper
 119 100
 134 24.7 20.6 31.0
 91 36.2 22.4 33.6#





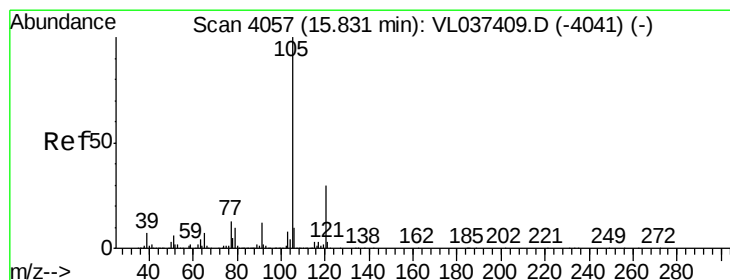
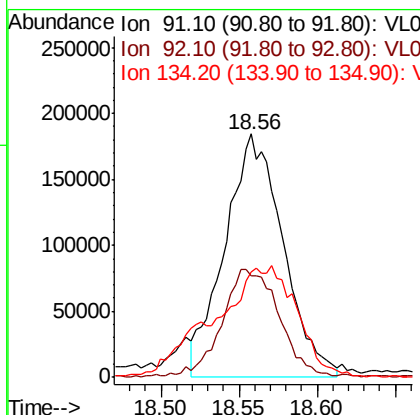
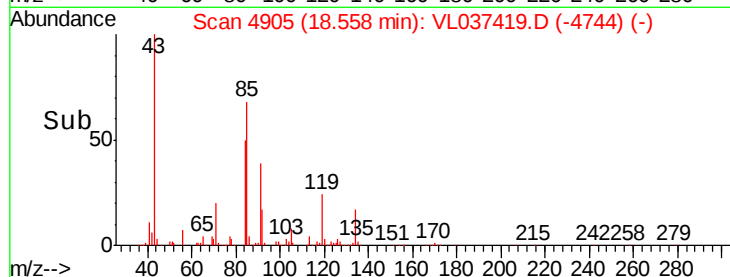
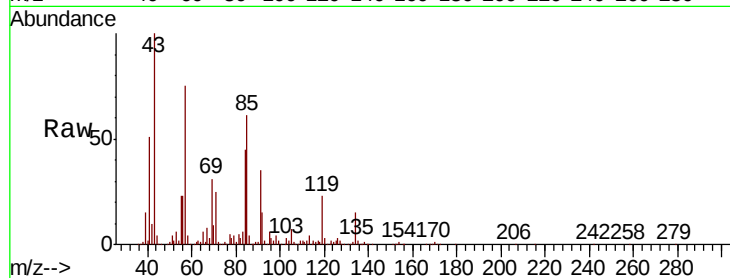
#70
n-Butylbenzene
Concen: 0.950 ppbv m
RT: 18.56 min Scan# 4905
Delta R.T. 0.02 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion	Ratio	Lower	Upper
91	100		
92	43.3	44.2	66.2#
134	0.0	19.5	29.3#

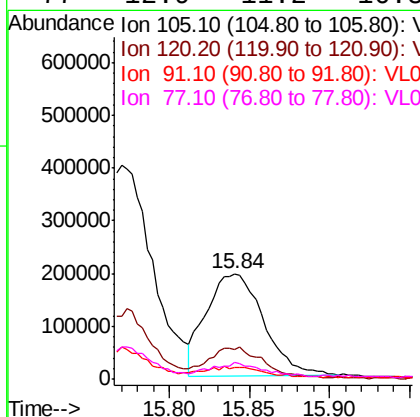
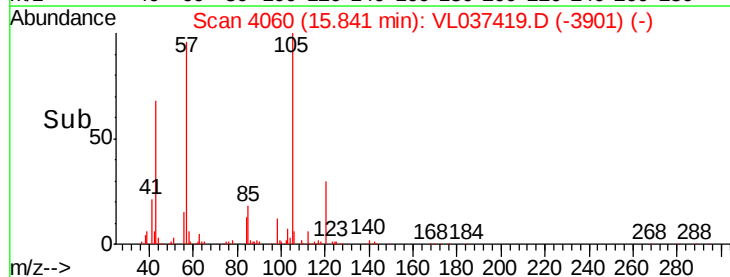
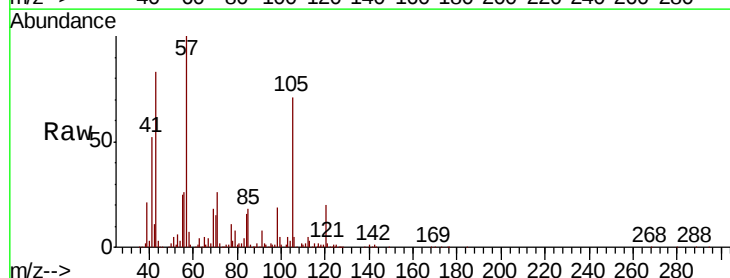
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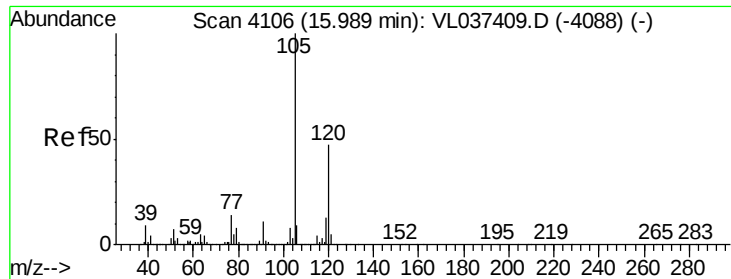
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#72
4-Ethyltoluene
Concen: 1.110 ppbv
RT: 15.84 min Scan# 4060
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	31.0	25.0	37.4
91	9.4	11.2	16.8#
77	12.9	11.2	16.8





#73

1,3,5-Trimethylbenzene

Concen: 1.410 ppbv

RT: 16.00 min Scan# 4110

Delta R.T. 0.01 min

Lab File: VL037419.D

Acq: 12 Aug 2021 18:46

Instrument :

MSVOA_L

ClientSampled :

SV1RE

Tot Ion:105 Resp: 581300

Ion Ratio Lower Upper

105 100

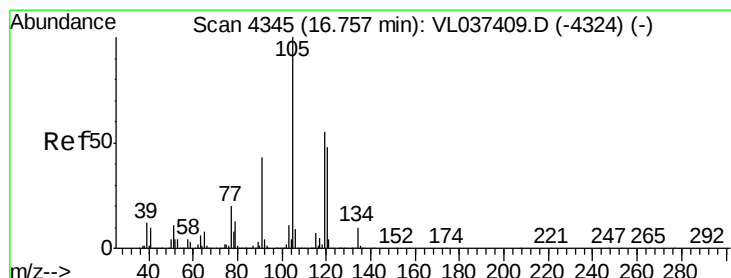
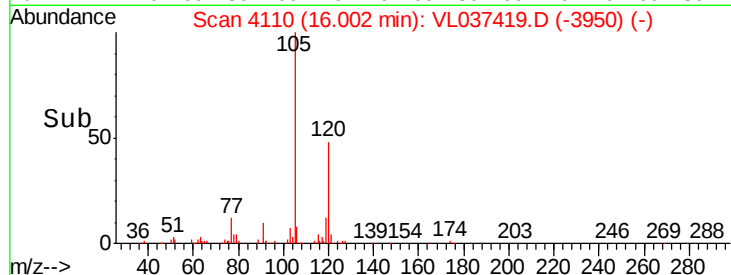
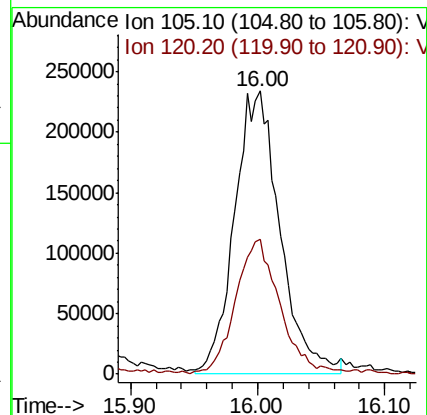
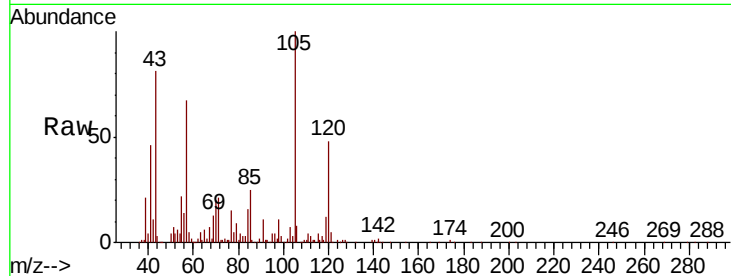
120 47.8 37.4 56.0

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#74

1,2,4-Trimethylbenzene

Concen: 5.106 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.01 min

Lab File: VL037419.D

Acq: 12 Aug 2021 18:46

Tgt Ion:105 Resp: 2155061

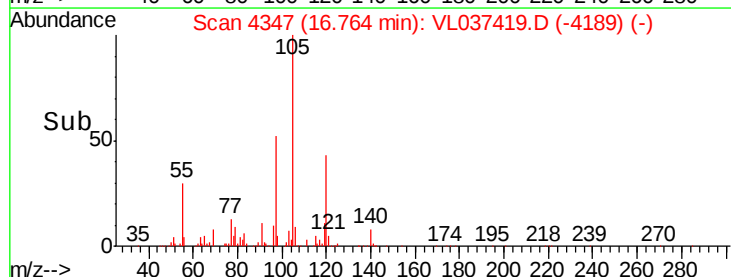
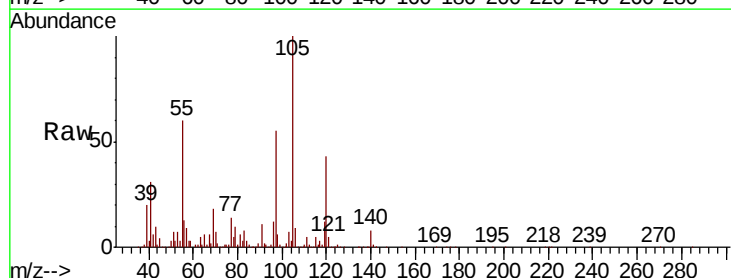
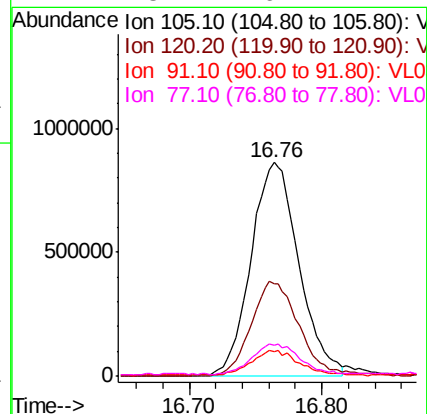
Ion Ratio Lower Upper

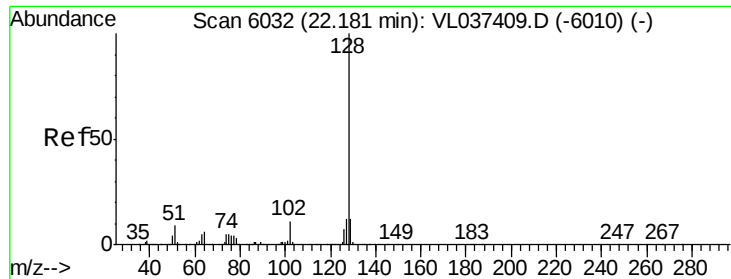
105 100

120 43.3 38.2 57.2

91 10.9 35.4 53.2#

77 13.4 16.2 24.2#





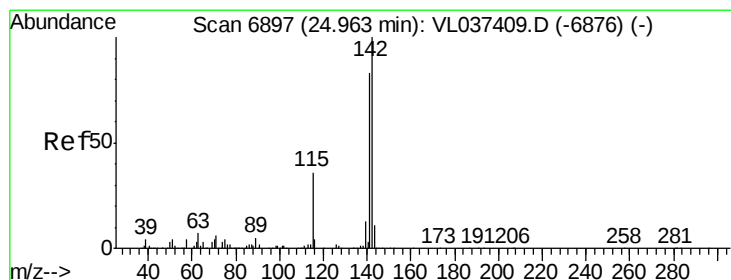
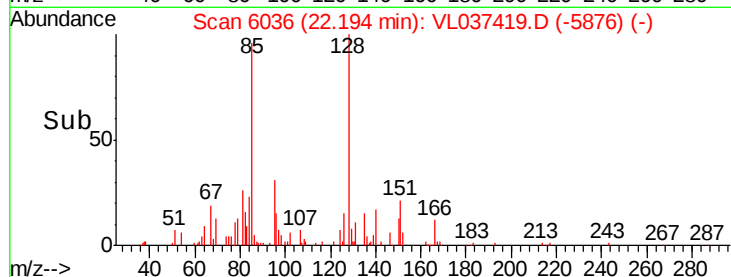
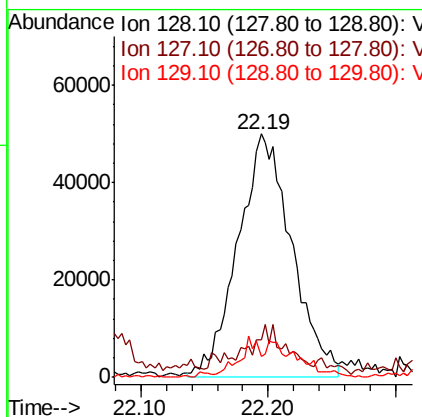
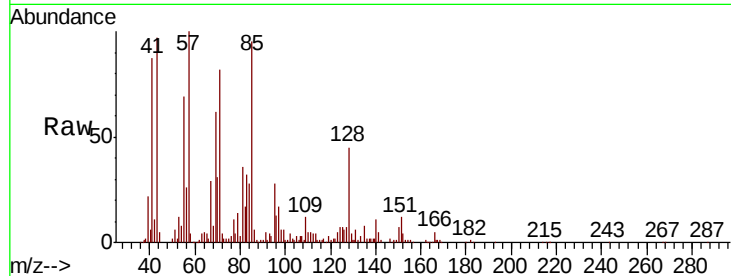
#79
Naphthalene
Concen: 0.640 ppbv m
RT: 22.19 min Scan# 6036
Delta R.T. 0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :
SV1RE

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	15.6	9.9	14.9#
129	8.8	9.4	14.0#

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#80
Naphthalene, 2-methyl-
Concen: 0.583 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.01 min
Lab File: VL037419.D
Acq: 12 Aug 2021 18:46

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	85.3	68.7	103.1
115	48.9	32.7	49.1

