

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037410.D
 Acq On : 12 Aug 2021 11:41
 Operator : SY/AP
 Sample : VSTDIC002
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Manual Integrations
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apatel
 8/13/2021 11:06:32 AM

Quant Time: Aug 12 12:35:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 12 2021
 QLast Update : Thu Aug 12 11:34:23 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1374068	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4100178	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3831634	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2719162	9.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	403040	1.623	ppbv	96
3) Chlorodifluoromethane	2.99	51	559101	2.188	ppbv	99
4) Chloromethane	3.14	50	205369	2.183	ppbv	93
5) Vinyl Chloride	3.26	62	193989	2.018	ppbv	100
6) Bromomethane	3.47	94	112037	2.126	ppbv	94
7) Chloroethane	3.56	64	75071	2.281	ppbv	89
8) Dichlorotetrafluoroethane	3.19	85	468219	2.161	ppbv	96
9) Propene	3.01	41	190006	2.184	ppbv	96
10) Heptane	8.11	43	476503	2.316	ppbv	98
11) Trichlorofluoromethane	3.95	101	452616	2.168	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	319630	2.151	ppbv	93
13) Ethanol	3.62	45	19014m	1.811	ppbv	
14) Bromoethene	3.74	108	148262	2.181	ppbv	97
15) Acetone	3.85	43	358032m	2.735	ppbv	
16) 1,3-Butadiene	3.33	39	201893m	2.195	ppbv	
17) tert-Butyl alcohol	4.30	59	267183m	2.281	ppbv	
18) 1,1-Dichloroethene	4.29	96	153269m	2.276	ppbv	
19) Isopropyl Alcohol	3.98	45	172978m	2.295	ppbv	
20) Methylene Chloride	4.35	84	173636m	2.442	ppbv	
21) Allyl Chloride	4.41	41	245212m	2.388	ppbv	
22) trans-1,2-Dichloroethene	4.88	96	134397	2.112	ppbv	99
23) Vinyl Acetate	5.07	43	485086	2.305	ppbv	# 97
24) 1,1-Dichloroethane	5.01	63	352033	2.127	ppbv	99
25) Ethyl Acetate	5.68	43	733306	2.188	ppbv	99
26) Hexane	5.68	57	379352	2.235	ppbv	98
27) Carbon Disulfide	4.55	76	301395	2.119	ppbv	# 93
28) Methyl tert-Butyl Ether	5.03	73	405381	2.236	ppbv	99
29) Chloroform	5.75	83	517030	2.124	ppbv	97
30) Cyclohexane	7.12	84	312598m	2.225	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	322004	2.117	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	501567	2.125	ppbv	99
34) 2-Butanone	5.24	43	373934m	2.400	ppbv	
35) Carbon Tetrachloride	7.01	117	515073	2.253	ppbv	98
36) Benzene	6.89	78	739296	2.272	ppbv	99
37) 1,2-Dichloroethane	6.30	62	379417m	2.280	ppbv	
38) Trichloroethene	7.83	130	285962	2.064	ppbv	92
39) 1,2-Dichloropropane	7.61	63	276393	2.324	ppbv	95
40) 1,4-Dioxane	7.85	88	73104m	2.306	ppbv	
41) Tetrahydrofuran	6.06	42	170447m	2.327	ppbv	
42) Bromodichloromethane	7.79	83	545413	2.318	ppbv	97
43) Methyl Methacrylate	8.01	69	251948m	2.225	ppbv	

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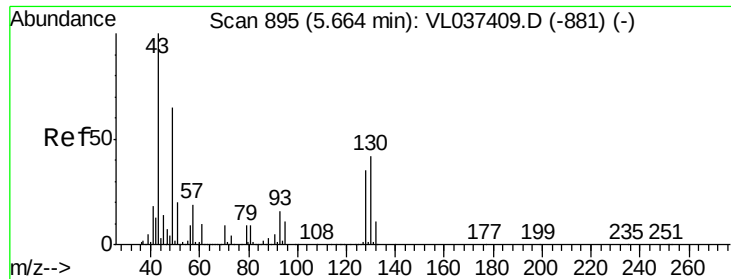
Manual Integrations
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Quant Time: Aug 12 12:35:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 12 2021
 QLast Update : Thu Aug 12 11:34:23 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	1266183	2.333	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	170407	2.004	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	260386	2.264	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	300714m	2.243	ppbv	
48) Dibromochloromethane	10.30	129	445440	2.253	ppbv	98
49) Bromoform	13.03	173	340995	2.195	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	460615m	2.263	ppbv	
51) 2-Hexanone	10.15	43	218695m	2.425	ppbv	
52) Tetrachloroethene	11.21	164	284192m	2.143	ppbv	
53) Toluene	9.80	91	840417	2.227	ppbv	99
54) 1,2-Dibromoethane	10.60	107	411935	2.171	ppbv	88
56) 1,1,1,2-Tetrachloroethane	12.11	131	322034	2.174	ppbv #	1
57) Chlorobenzene	12.14	112	636942	2.154	ppbv	99
58) Ethyl Benzene	12.70	91	1116787	2.184	ppbv	98
59) m/p-Xylene	12.99	91	1920223m	4.361	ppbv	
60) o-Xylene	13.68	91	899213	2.203	ppbv	96
61) Styrene	13.52	104	455126	2.152	ppbv	99
62) Isopropylbenzene	14.66	105	1277064	2.221	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	635008	2.057	ppbv	100
64) n-propylbenzene	15.55	120	316189m	2.167	ppbv	
65) tert-Butylbenzene	16.73	119	1174755	2.265	ppbv	98
66) Benzyl Chloride	16.98	91	46674m	2.122	ppbv	
67) sec-Butylbenzene	17.28	105	1622039	2.275	ppbv	97
69) p-Isopropyltoluene	17.64	119	1322795	2.297	ppbv	98
70) n-Butylbenzene	18.54	91	1210571	2.237	ppbv	99
71) 2-Chlorotoluene	15.44	91	885762	2.110	ppbv	98
72) 4-Ethyltoluene	15.83	105	1024150	2.145	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	944791	2.133	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	1019517	2.267	ppbv #	89
75) 1,3-Dichlorobenzene	16.99	146	592843	2.169	ppbv	97
76) 1,4-Dichlorobenzene	17.13	146	605962m	2.258	ppbv	
77) 1,2-Dichlorobenzene	17.81	146	580314m	2.203	ppbv	
78) Hexachloro-1,3-Butadiene	23.37	225	471918m	2.235	ppbv	
79) Naphthalene	22.19	128	480453m	1.961	ppbv	
80) Naphthalene, 2-methyl-	24.97	142	63145m	1.311	ppbv	
81) 1,2,4-Trichlorobenzene	21.92	180	342085m	2.036	ppbv	

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



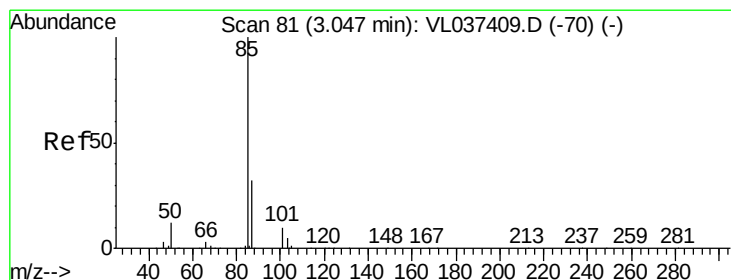
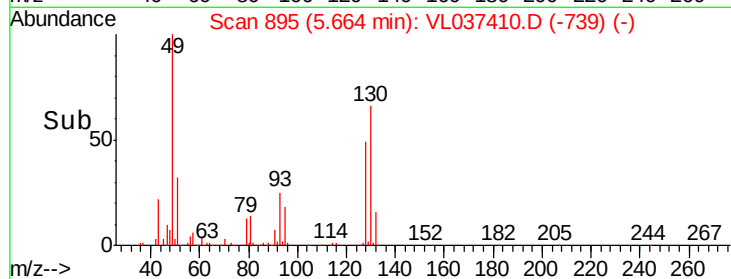
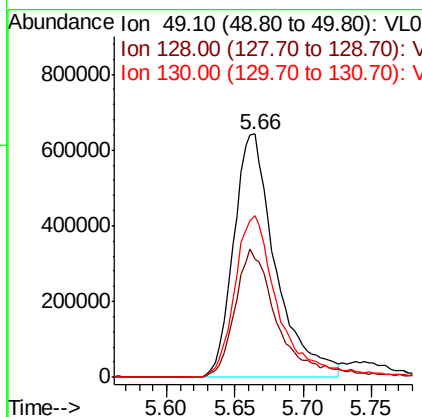
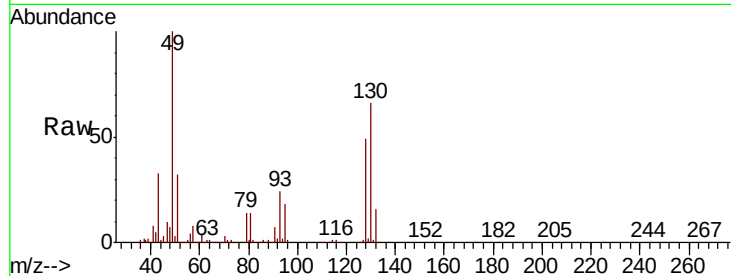
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 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion: 49 Resp: 1374068
 Ion Ratio Lower Upper
 49 100
 128 54.7 27.9 83.6
 130 70.3 34.6 103.8

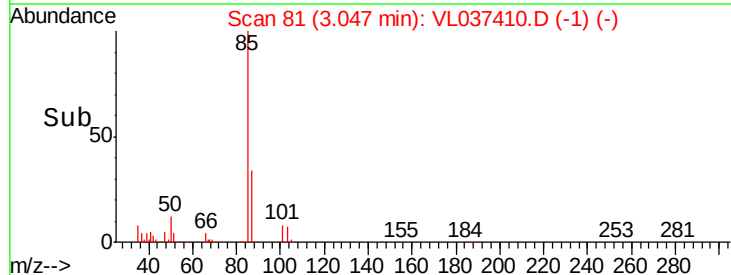
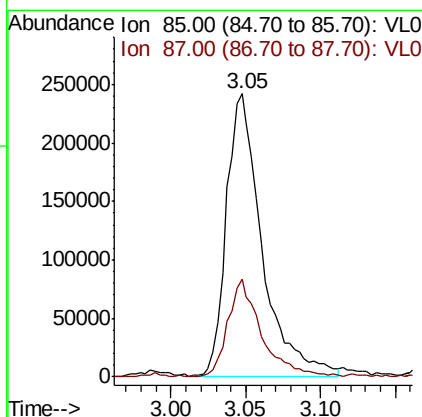
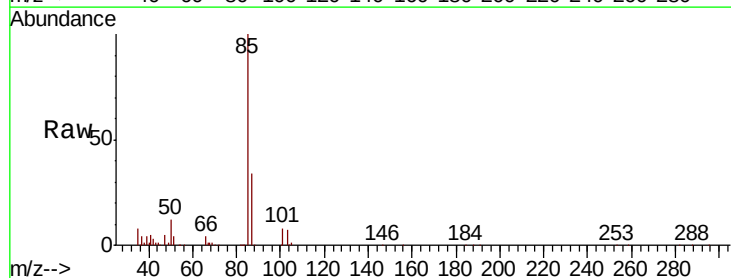
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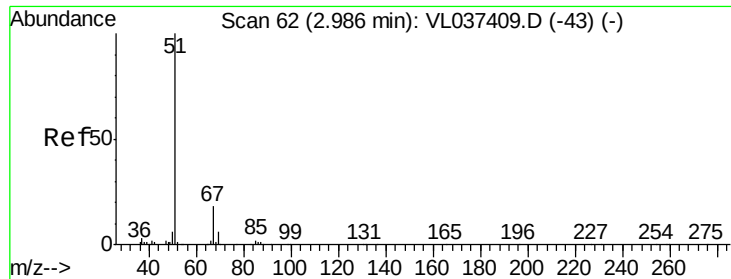
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#2
 Dichlorodifluoromethane
 Concen: 1.623 ppbv
 RT: 3.05 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Tgt Ion: 85 Resp: 403040
 Ion Ratio Lower Upper
 85 100
 87 34.1 25.7 38.5





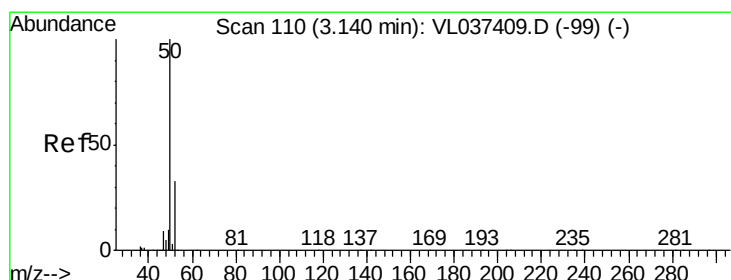
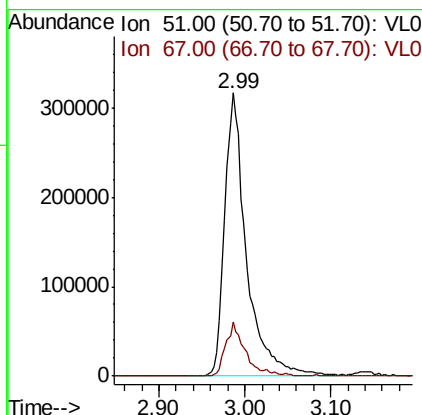
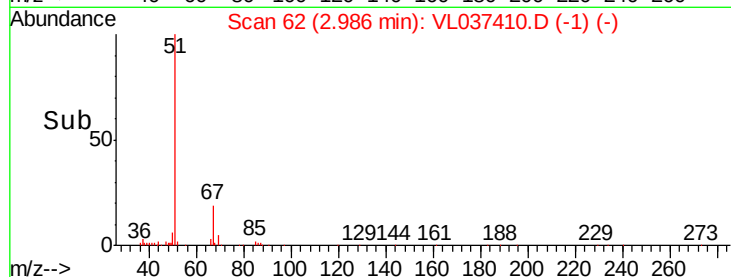
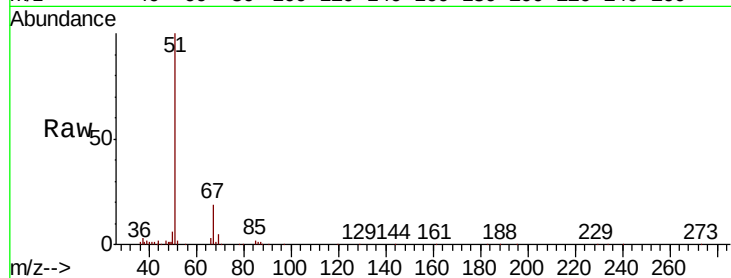
#3
Chlorodifluoromethane
Concen: 2.188 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
51	100		
67	17.7	14.7	22.1

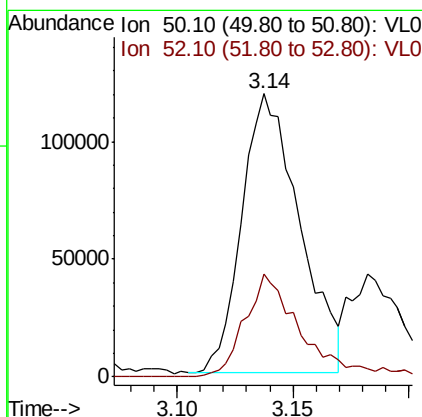
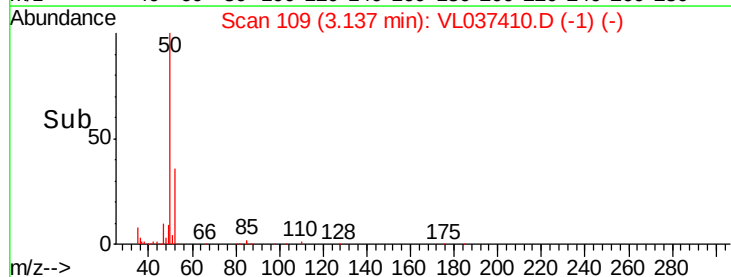
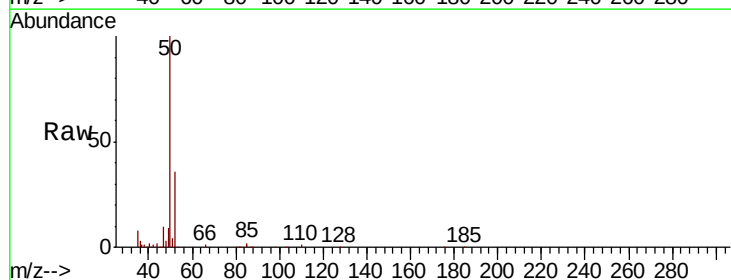
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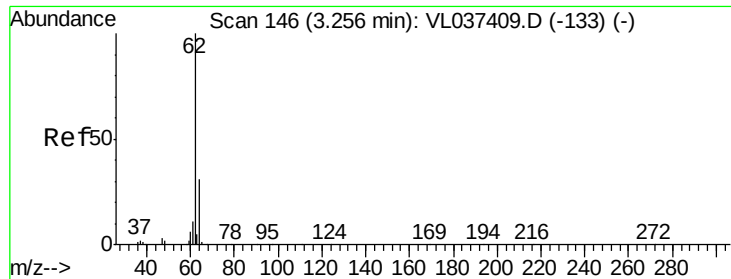
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#4
Chloromethane
Concen: 2.183 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
50	100		
52	36.8	26.2	39.4





#5

Vinyl Chloride

Concen: 2.018 ppbv

RT: 3.26 min Scan# 147

Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 62 Resp: 193989

Ion Ratio Lower Upper

62 100

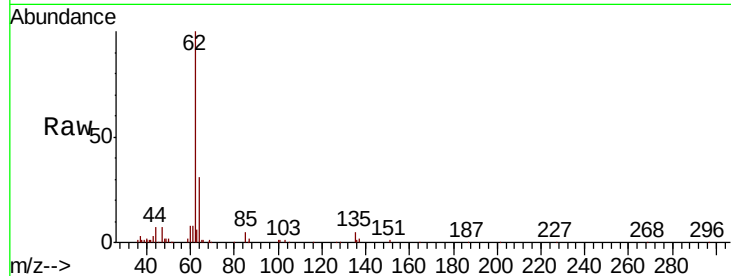
64 31.4 25.0 37.6

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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

120000

100000

80000

60000

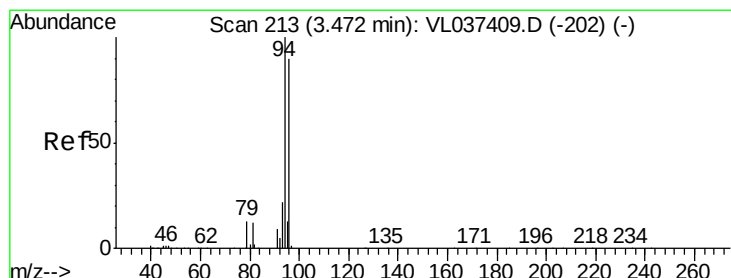
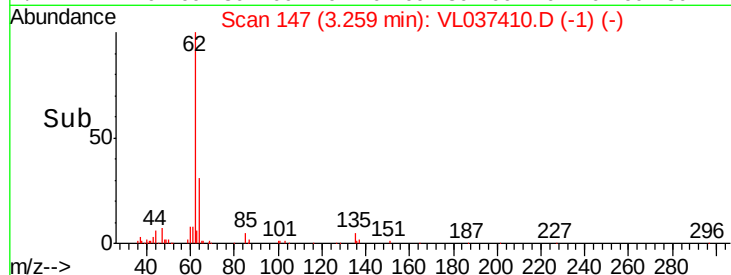
40000

20000

0

3.20 3.25 3.30

Time-->



#6

Bromomethane

Concen: 2.126 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL037410.D

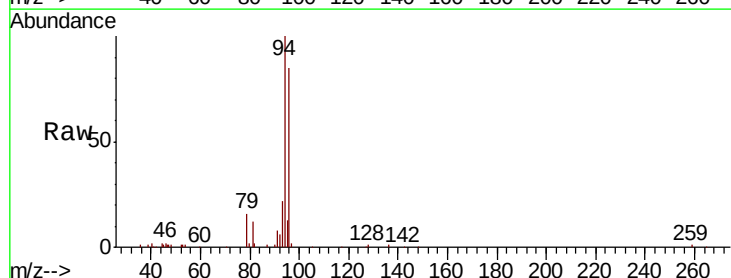
Acq: 12 Aug 2021 11:41

Tgt Ion: 94 Resp: 112037

Ion Ratio Lower Upper

94 100

96 84.9 72.2 108.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

60000

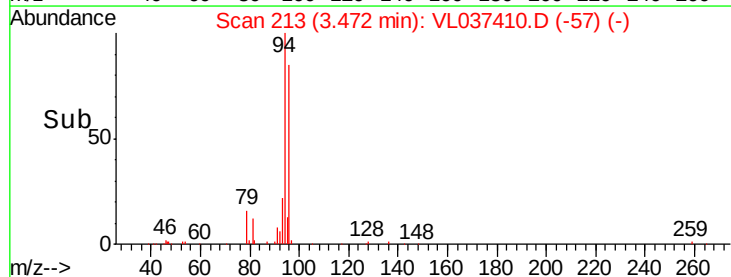
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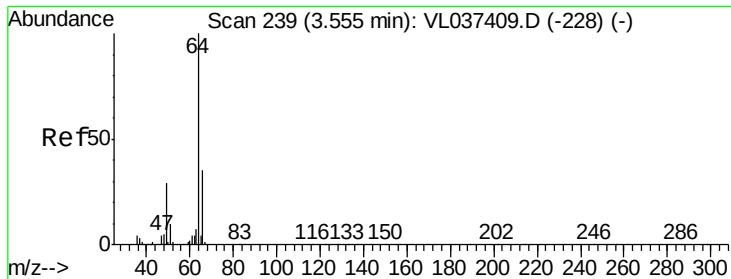
20000

0

3.40 3.45 3.50 3.55

Time-->





#7

Chloroethane

Concen: 2.281 ppbv

RT: 3.56 min Scan# 239

Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 64 Resp: 75071

Ion Ratio Lower Upper

64 100

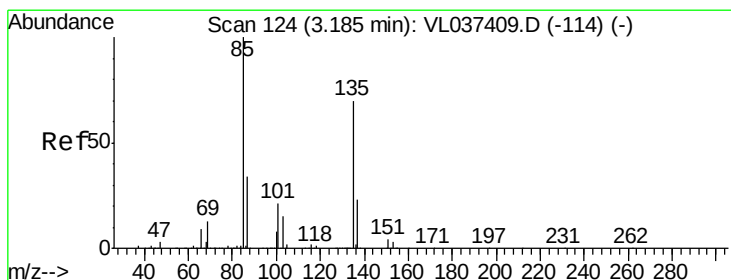
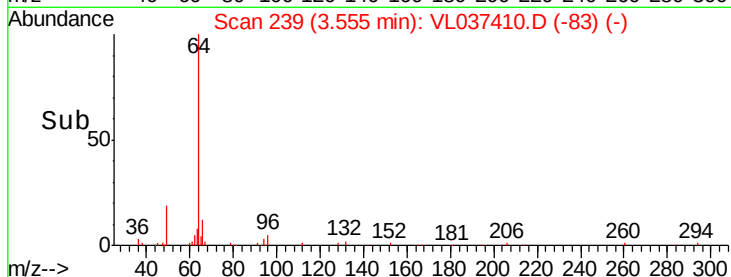
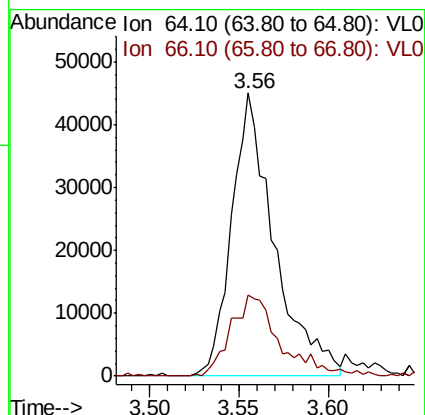
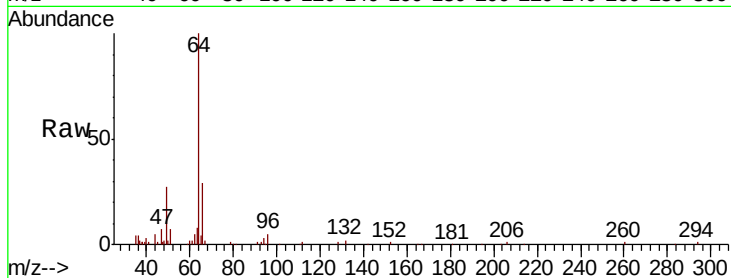
66 28.5 27.8 41.8

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 2.161 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL037410.D

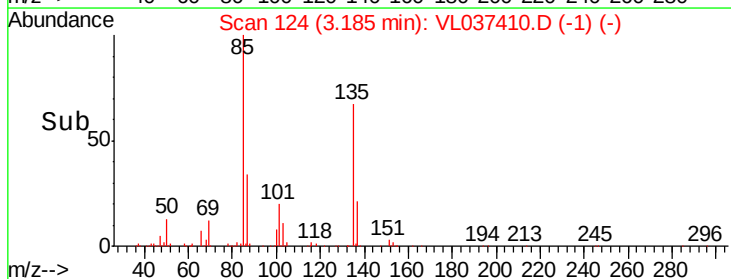
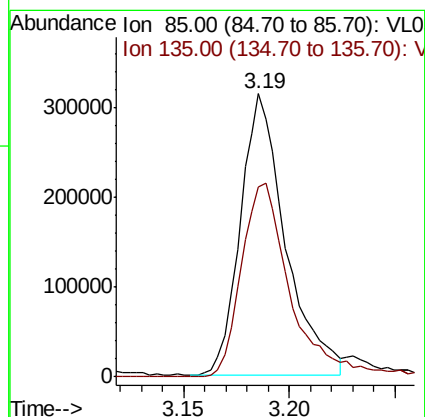
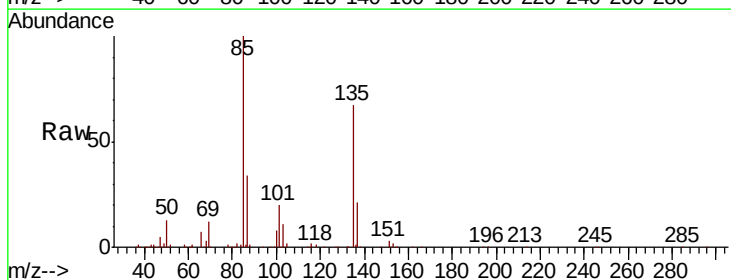
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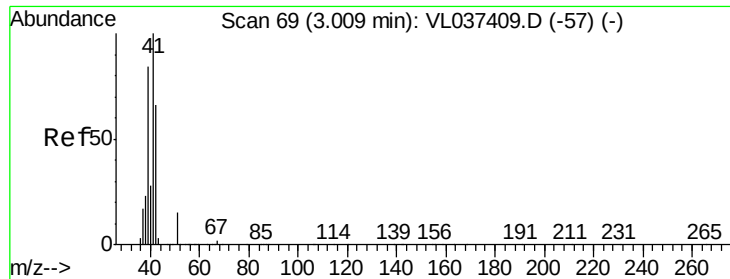
Tgt Ion: 85 Resp: 468219

Ion Ratio Lower Upper

85 100

135 76.6 58.6 88.0





#9

Propene

Concen: 2.184 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 41 Resp: 190006

Ion Ratio Lower Upper

41 100

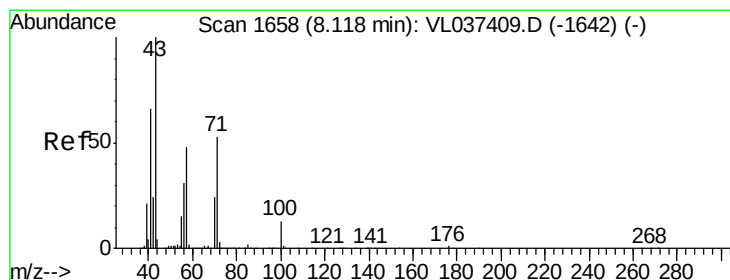
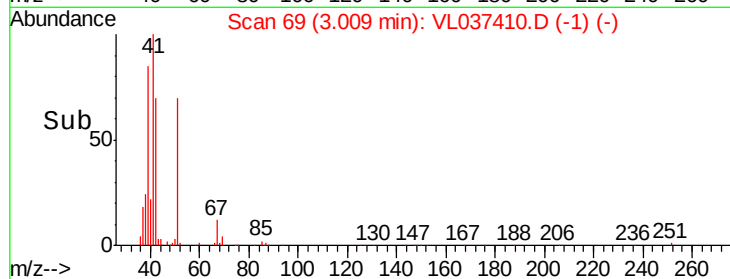
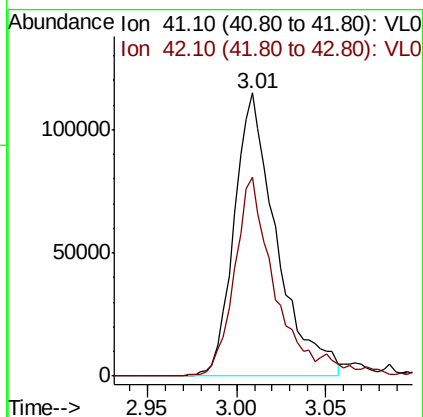
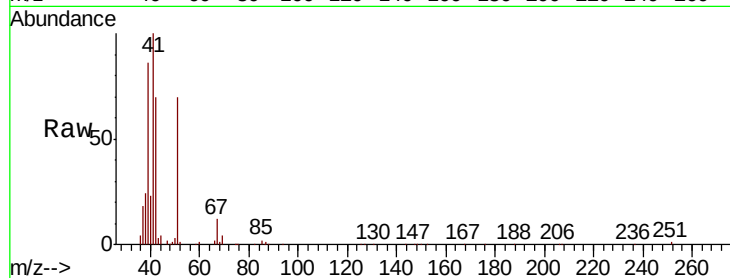
42 70.4 53.8 80.8

Manual Integrations

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#10

Heptane

Concen: 2.316 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VL037410.D

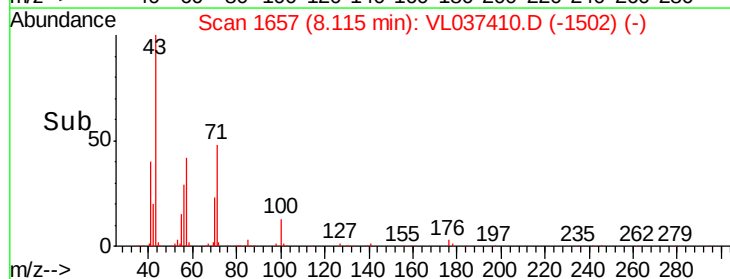
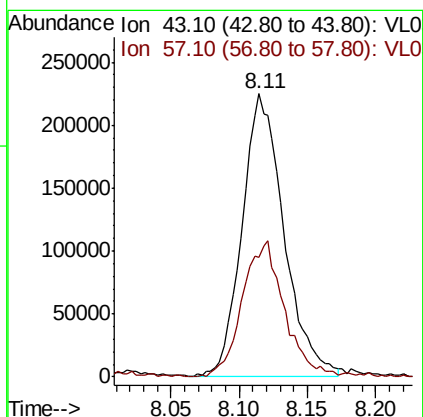
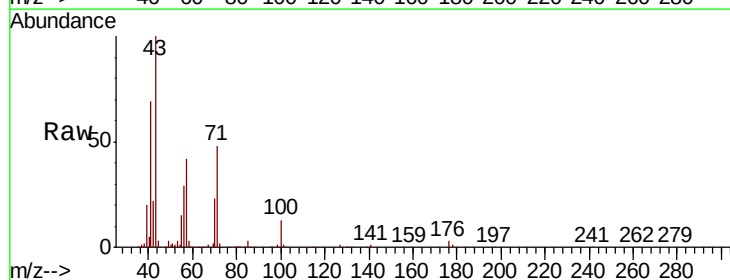
Acq: 12 Aug 2021 11:41

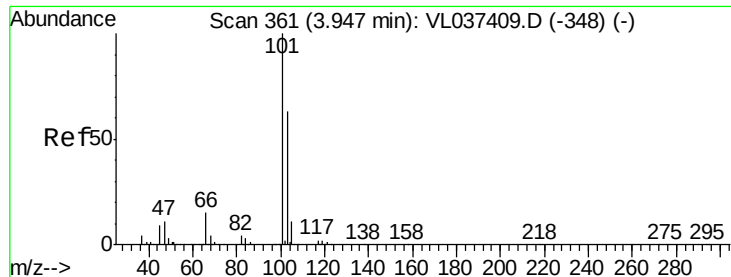
Tgt Ion: 43 Resp: 476503

Ion Ratio Lower Upper

43 100

57 48.7 40.3 60.5





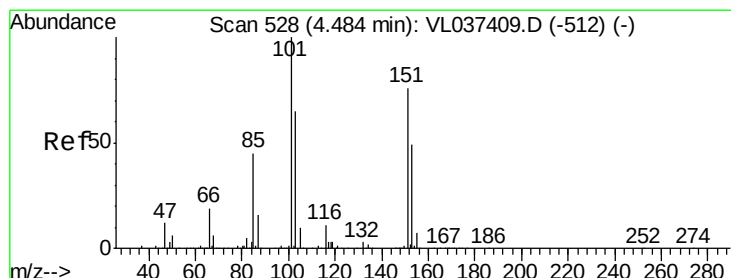
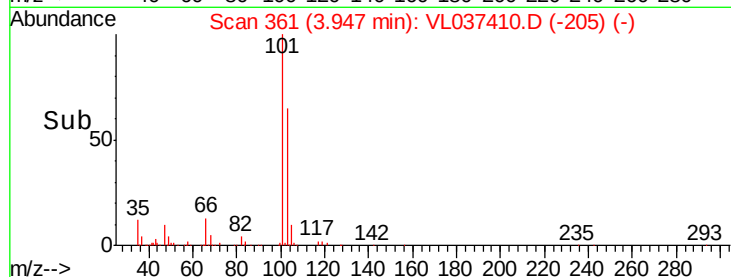
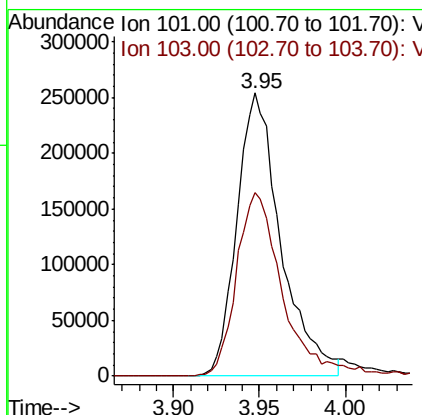
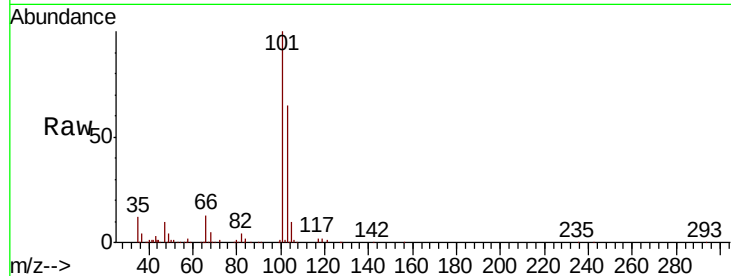
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 Trichlorofluoromethane
 Concen: 2.168 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.2	75.4

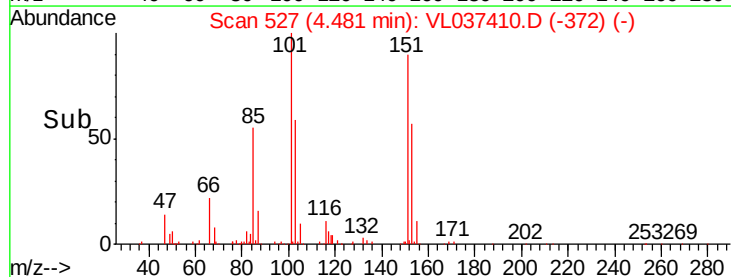
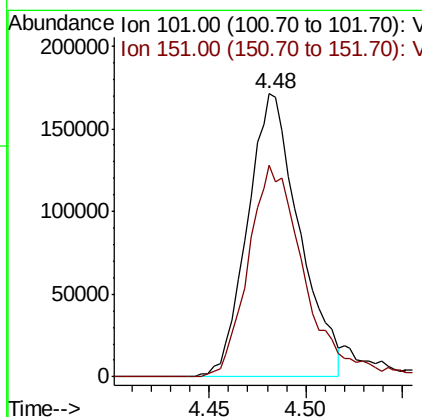
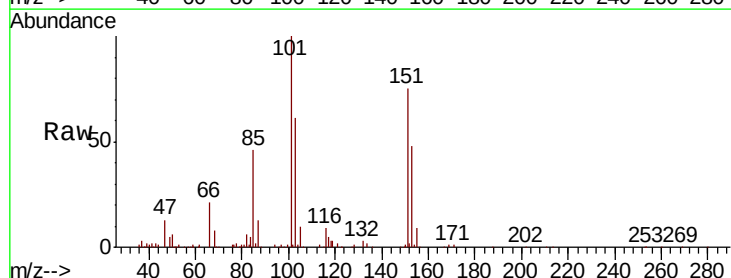
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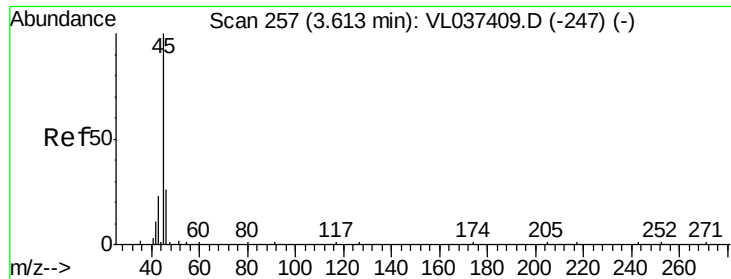
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.151 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
101	100		
151	82.8	61.2	91.8





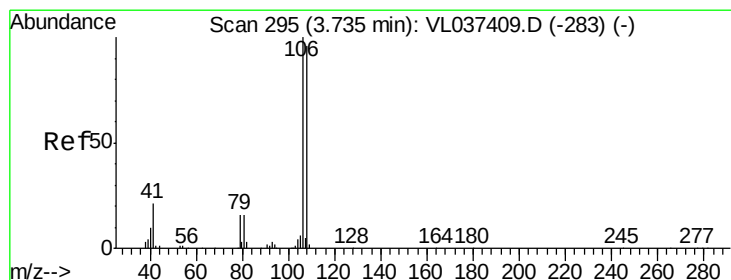
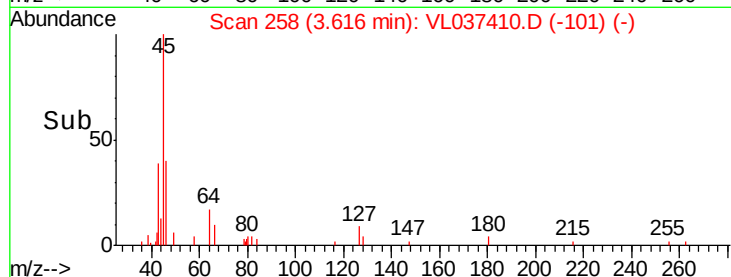
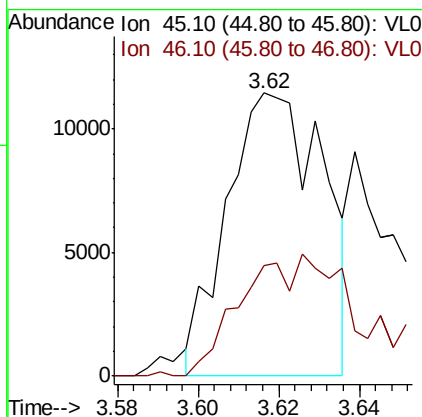
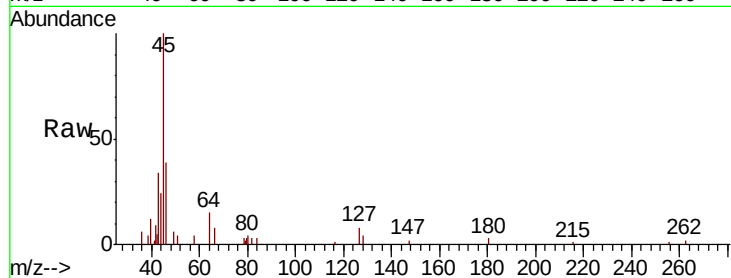
#13
Ethanol
Concen: 1.811 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion: 45 Resp: 19014
Ion Ratio Lower Upper
45 100
46 74.7 18.0 72.2#

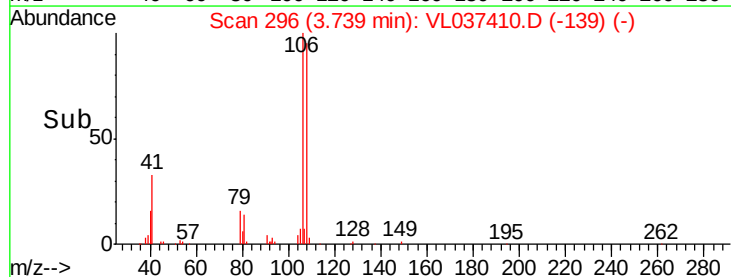
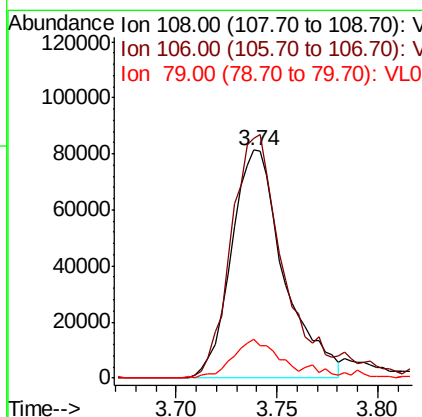
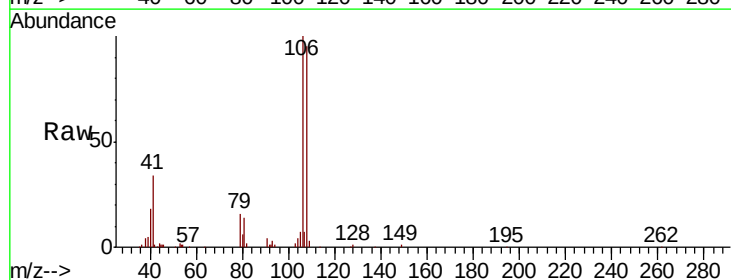
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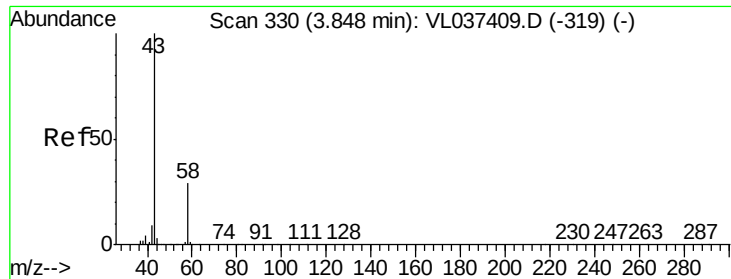
apatel
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#14
Bromoethene
Concen: 2.181 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion: 108 Resp: 148262
Ion Ratio Lower Upper
108 100
106 113.2 87.5 131.3
79 18.1 13.5 20.3





#15

Acetone

Concen: 2.735 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 43 Resp: 358032

Ion Ratio Lower Upper

43 100

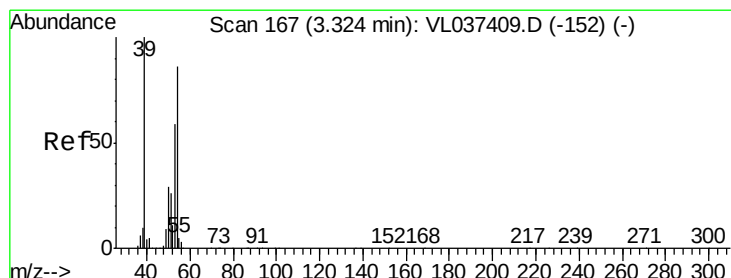
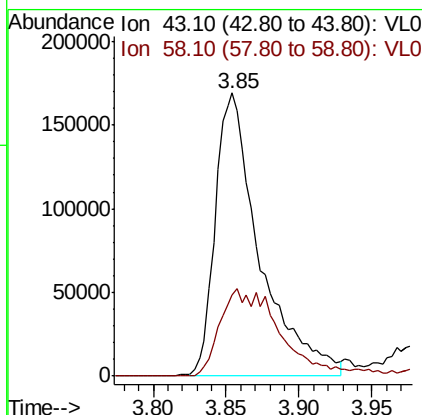
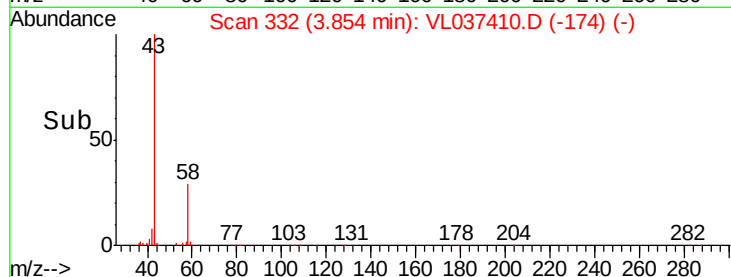
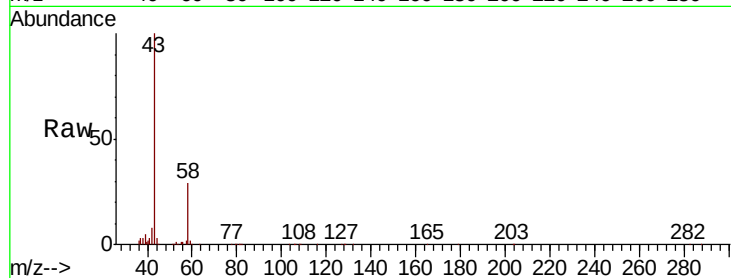
58 44.7 24.4 36.6#

Manual Integrations

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#16

1,3-Butadiene

Concen: 2.195 ppbv m

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL037410.D

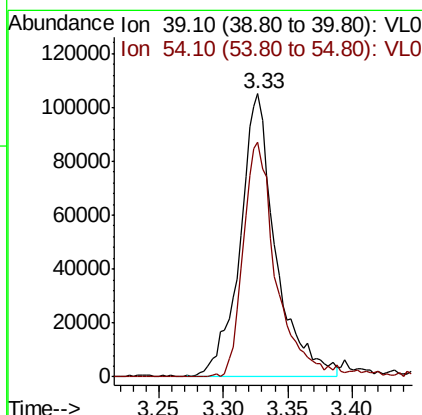
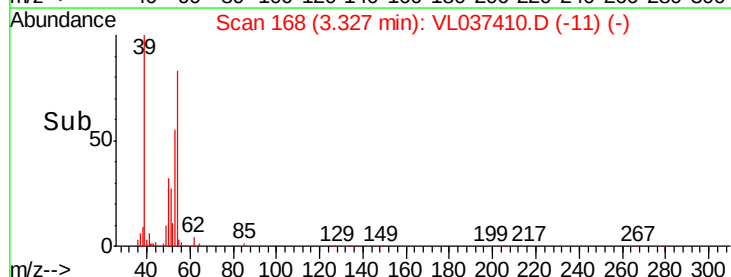
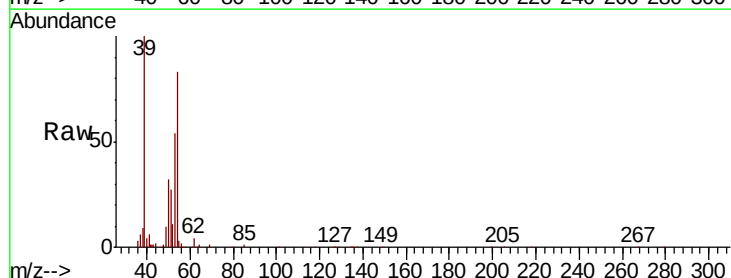
Acq: 12 Aug 2021 11:41

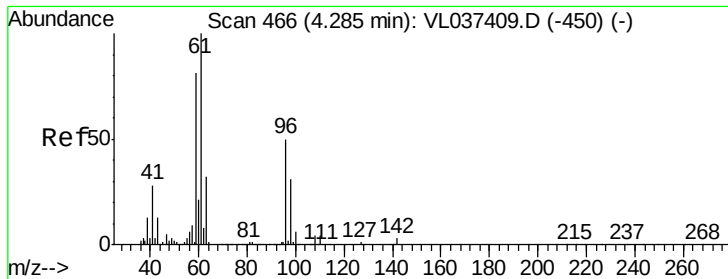
Tgt Ion: 39 Resp: 201893

Ion Ratio Lower Upper

39 100

54 78.7 61.4 92.0





#17

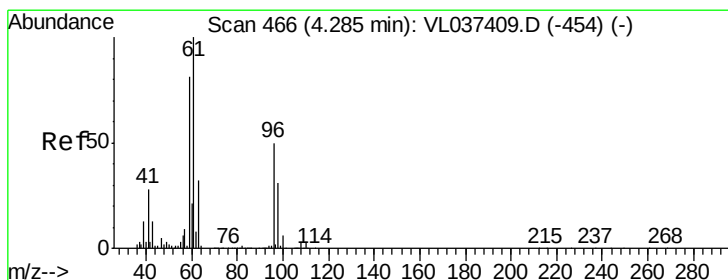
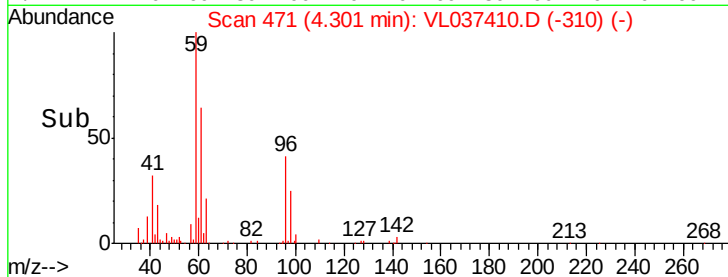
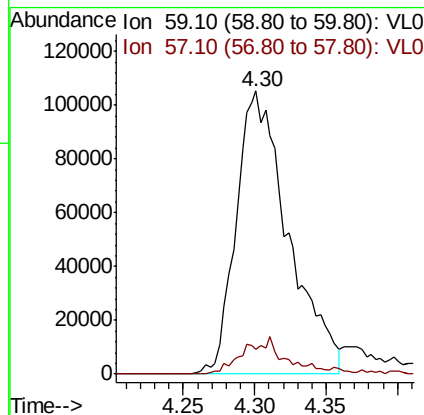
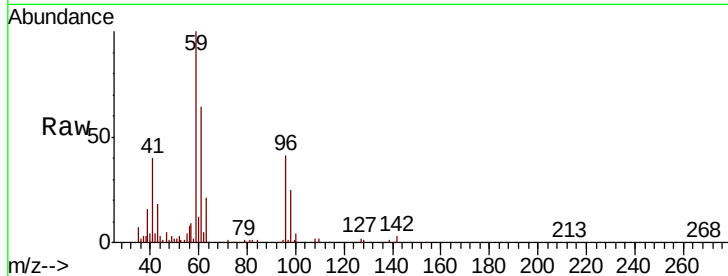
tert-Butyl alcohol
Concen: 2.281 ppbv m
RT: 4.30 min Scan# 471
Delta R.T. 0.02 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	59	Resp	267183
Ion	Ratio	Lower	Upper
59	100		
57	12.1	8.5	12.7

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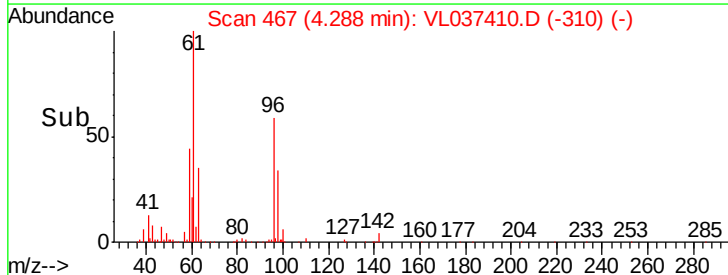
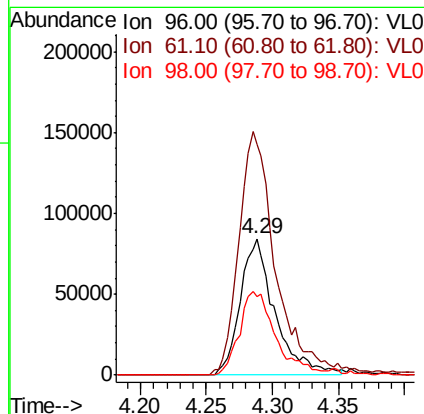
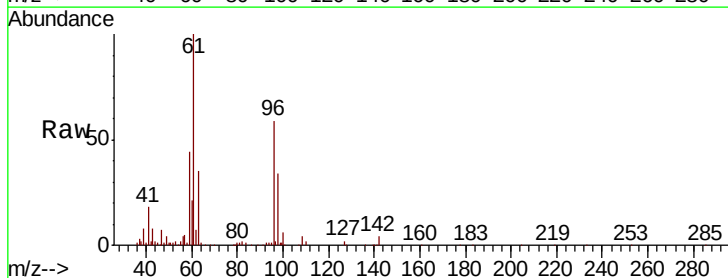
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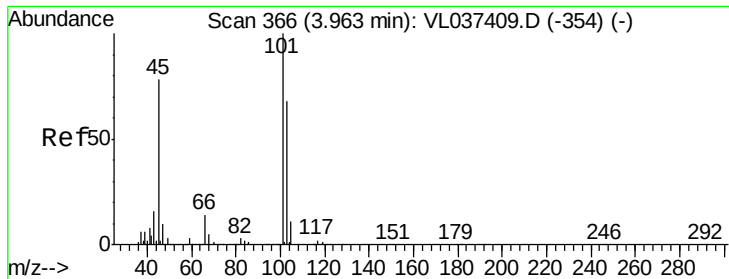


#18

1,1-Dichloroethene
Concen: 2.276 ppbv m
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	96	Resp	153269
Ion	Ratio	Lower	Upper
96	100		
61	169.1	159.0	238.4
98	57.6	49.4	74.2





#19

Isopropyl Alcohol

Concen: 2.295 ppbv m

RT: 3.98 min Scan# 371

Delta R.T. 0.02 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 45 Resp: 172978

Ion Ratio Lower Upper

45 100

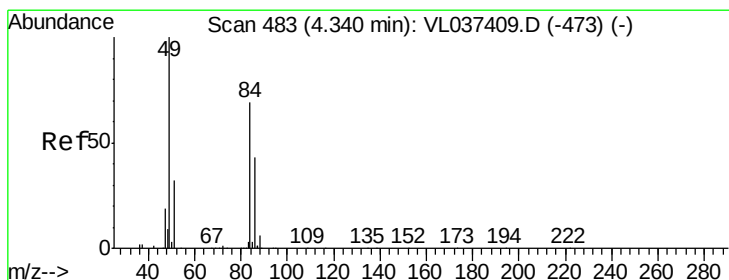
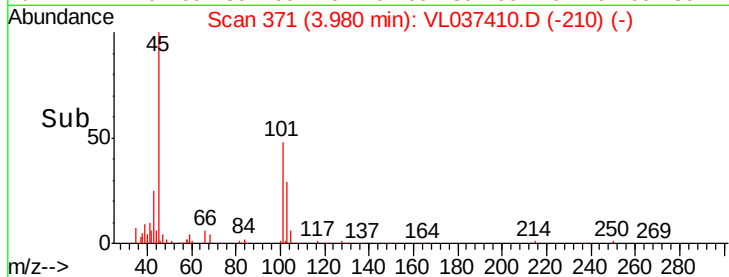
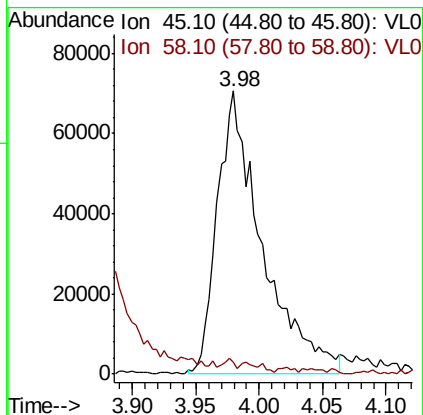
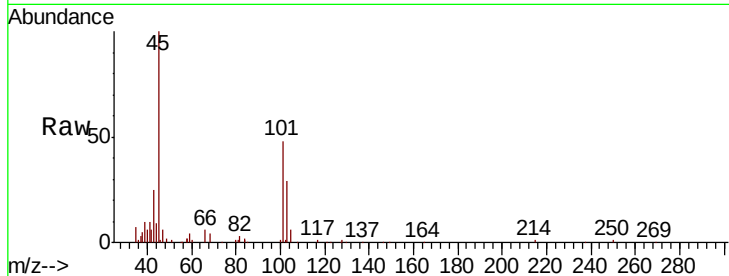
58 92.5 2.2 3.4#

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#20

Methylene Chloride

Concen: 2.442 ppbv m

RT: 4.35 min Scan# 485

Delta R.T. 0.01 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Tgt Ion: 84 Resp: 173636

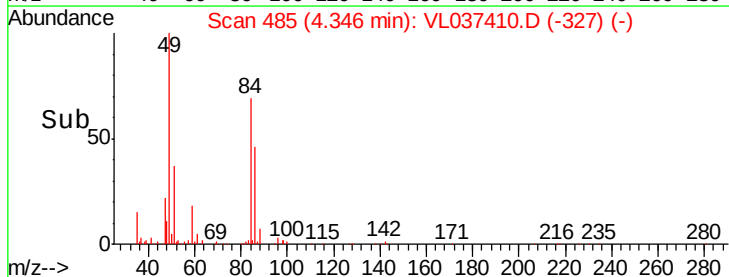
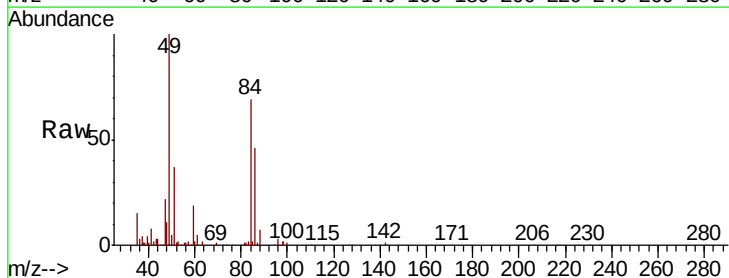
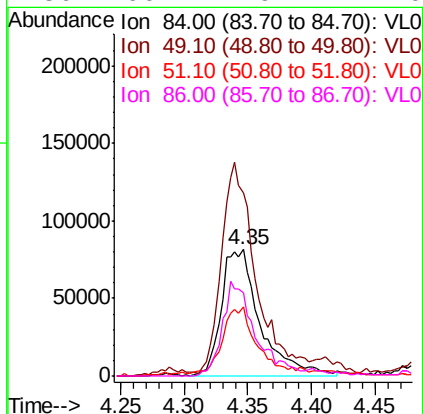
Ion Ratio Lower Upper

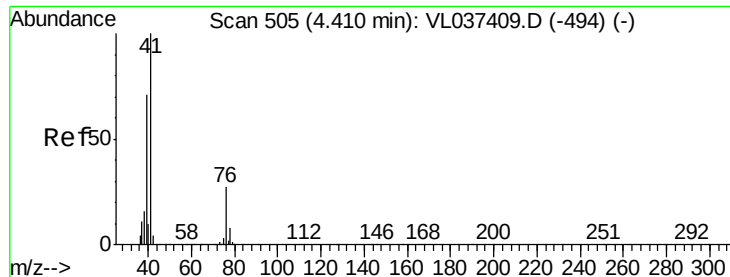
84 100

49 145.0 116.0 174.0

51 54.3 37.1 55.7

86 66.4 49.4 74.0





#21

Allvl Chloride

Concen: 2.388 ppbv m

RT: 4.41 min Scan# 505

Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

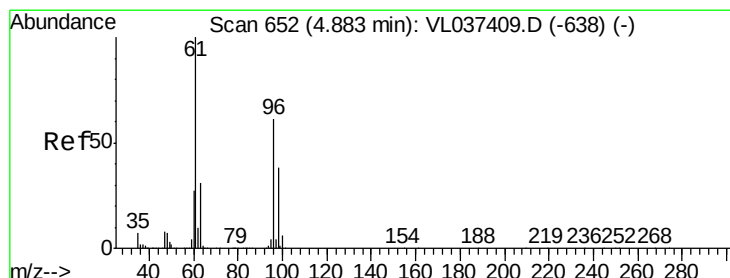
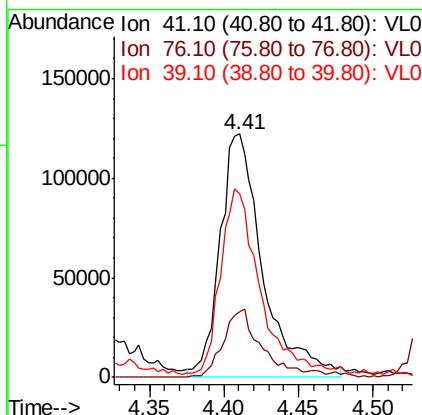
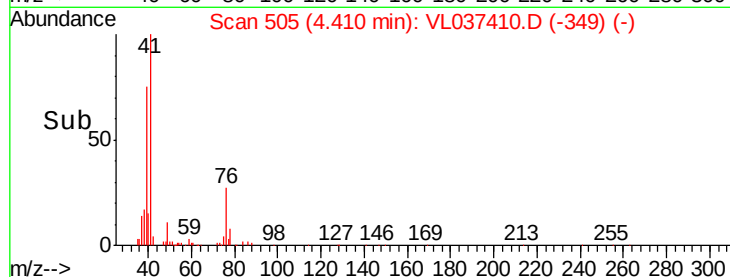
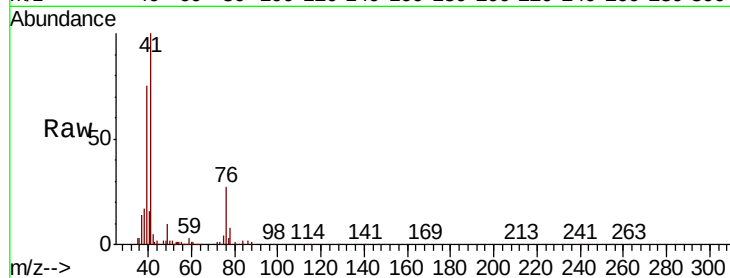
ClientSampleId :

VSTDIC002

Tot Ion:	41	Resp:	245212
Ion Ratio	Lower	Upper	
41	100		
76	26.4	23.7	35.5
39	75.9	62.3	93.5

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#22

trans-1,2-Dichloroethene

Concen: 2.112 ppbv

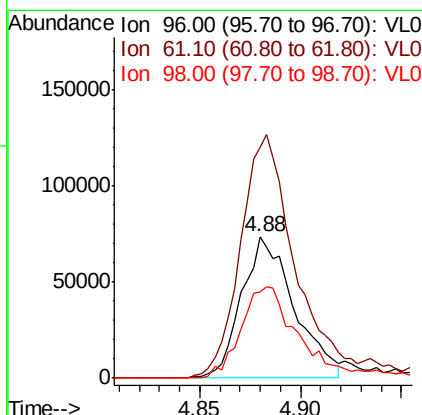
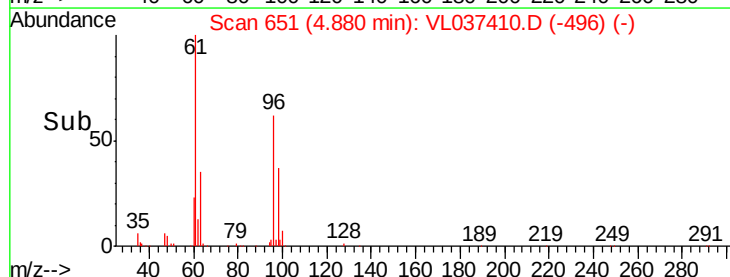
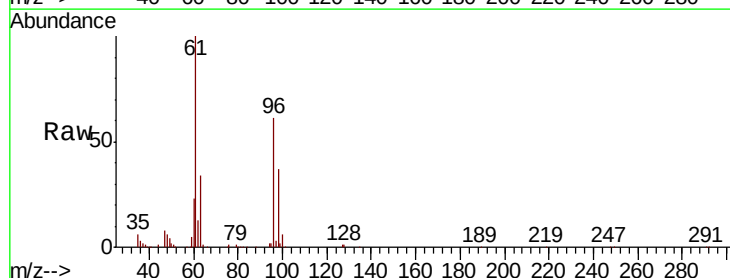
RT: 4.88 min Scan# 651

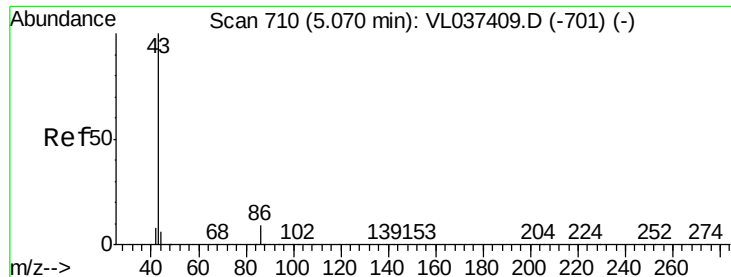
Delta R.T. -0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Tgt Ion:	96	Resp:	134397
Ion Ratio	Lower	Upper	
96	100		
61	163.1	131.0	196.4
98	61.2	50.2	75.4





#23

Vinyl Acetate

Concen: 2.305 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

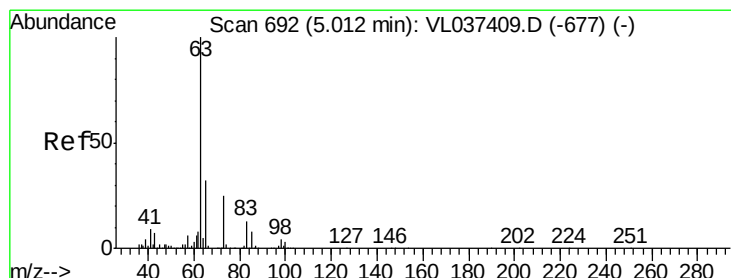
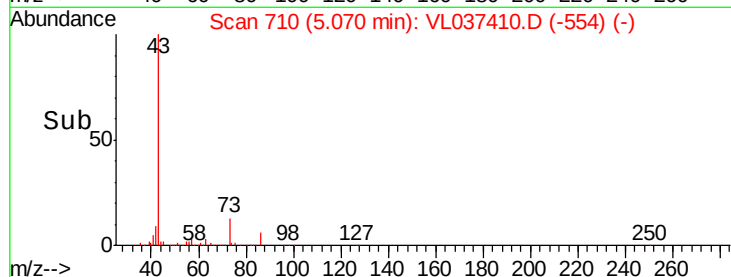
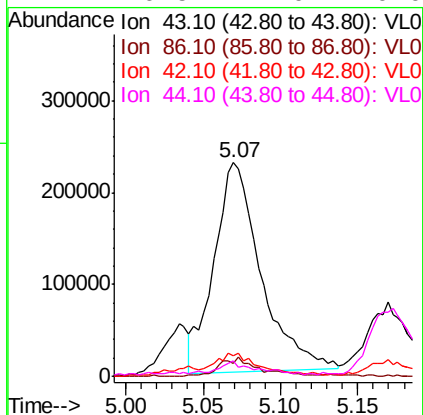
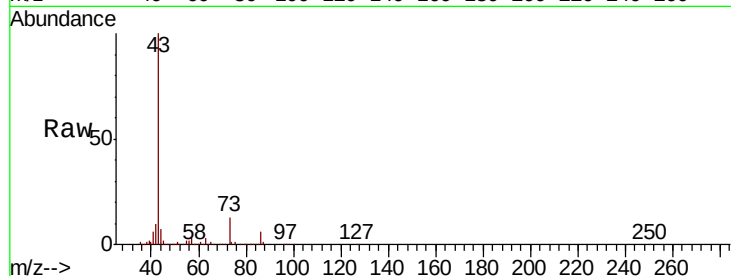
ClientSampleId :

VSTDIC002

Tot Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.8	8.8
42	9.2	7.7	11.5
44	6.5	4.0	6.0#

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#24

1,1-Dichloroethane

Concen: 2.127 ppbv

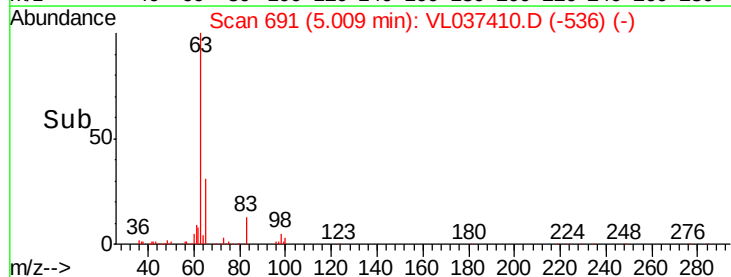
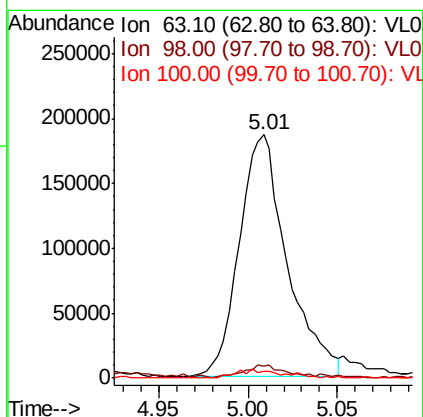
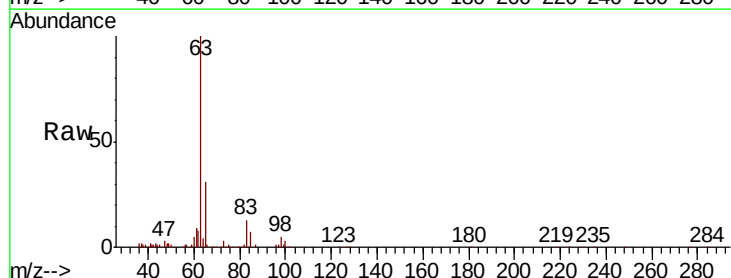
RT: 5.01 min Scan# 691

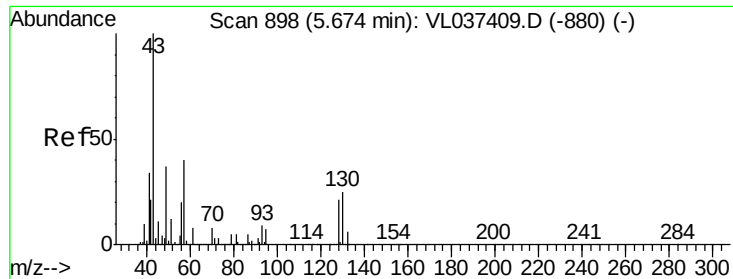
Delta R.T. -0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.3
100	2.8	1.6	4.7





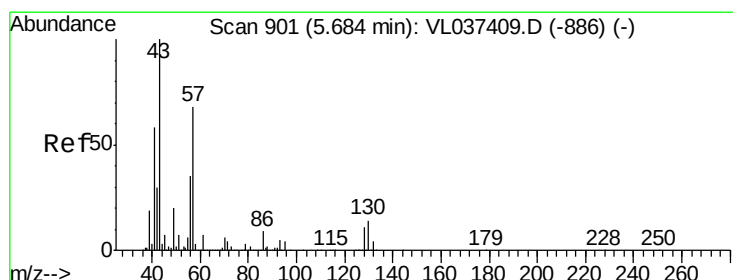
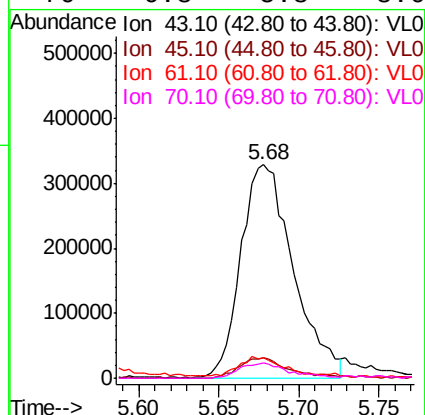
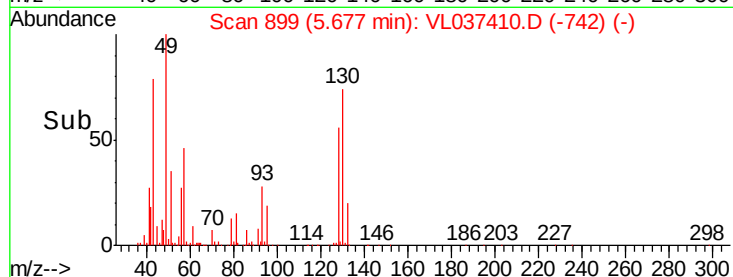
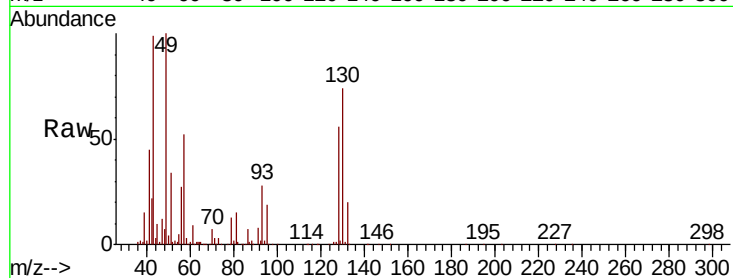
#25
Ethyl Acetate
Concen: 2.188 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
43	100		
45	9.5	7.9	11.9
61	10.2	7.7	11.5
70	6.8	5.8	8.6

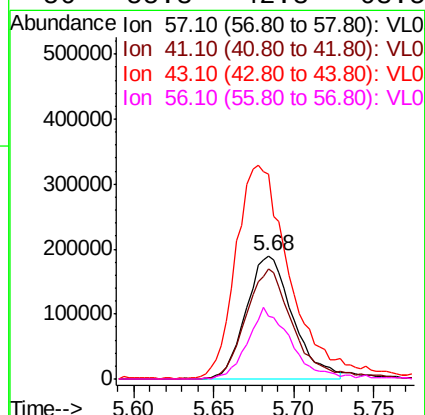
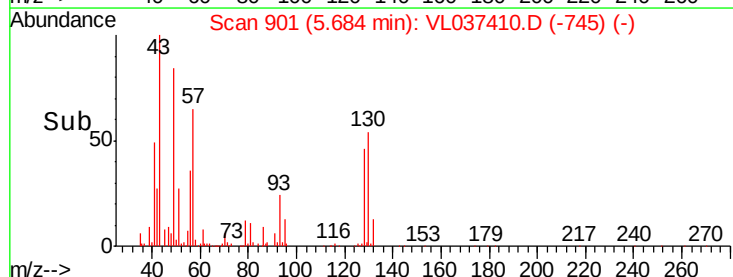
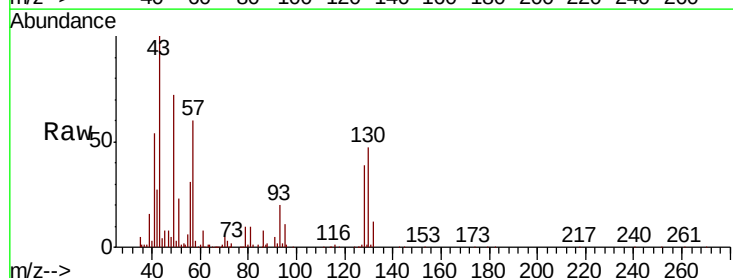
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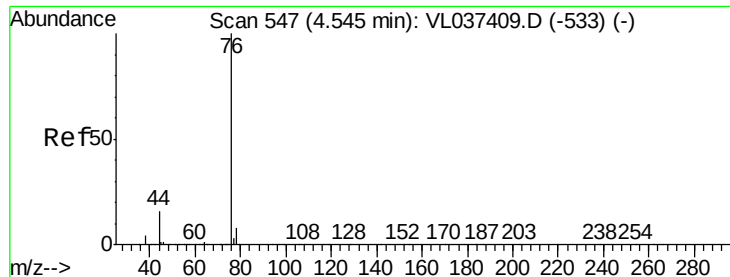
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#26
Hexane
Concen: 2.235 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
57	100		
41	94.1	72.5	108.7
43	209.5	169.3	253.9
56	55.3	42.3	63.5





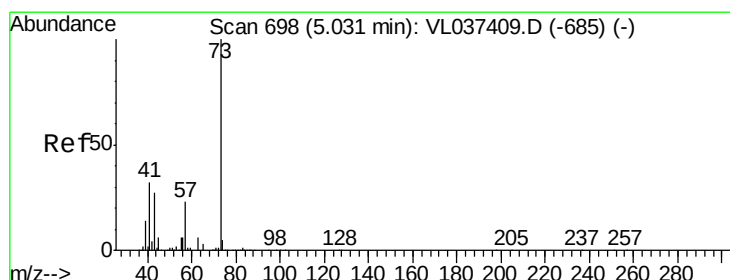
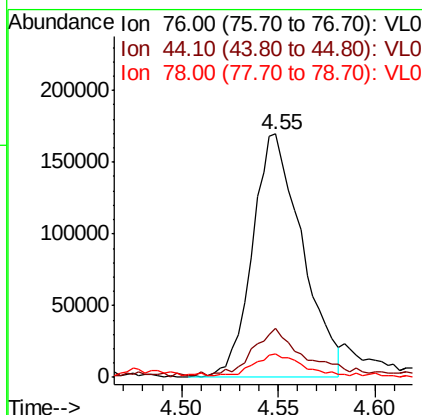
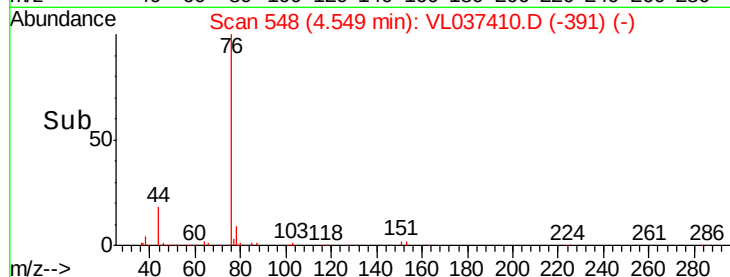
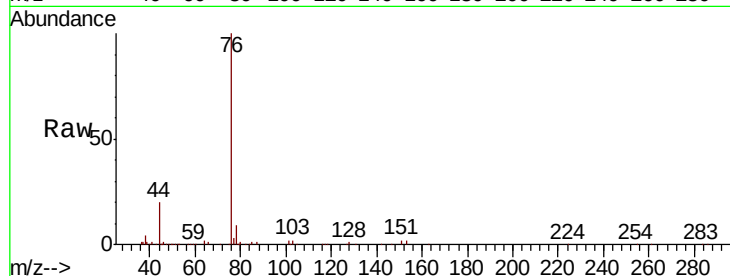
#27
Carbon Disulfide
Concen: 2.119 ppbv
RT: 4.55 min Scan# 548
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
76	100		
44	21.7	14.4	21.6#
78	11.4	8.0	12.0

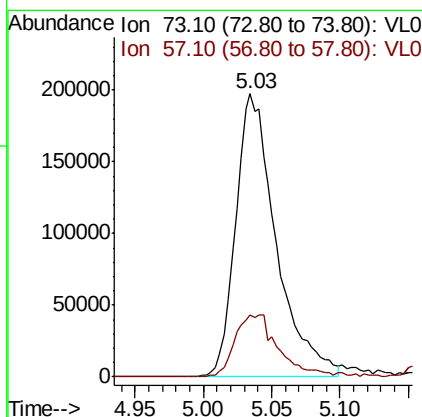
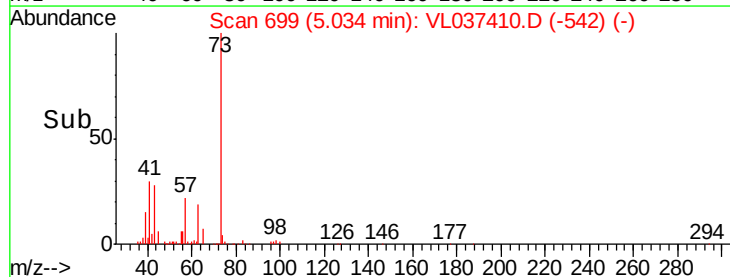
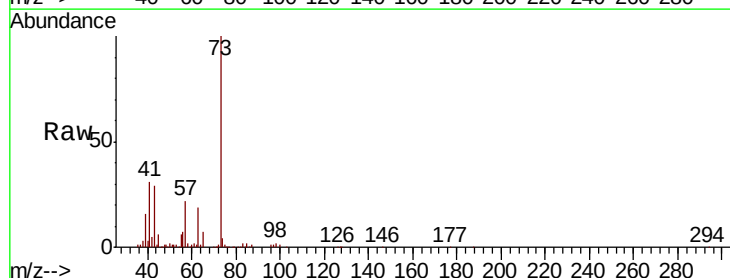
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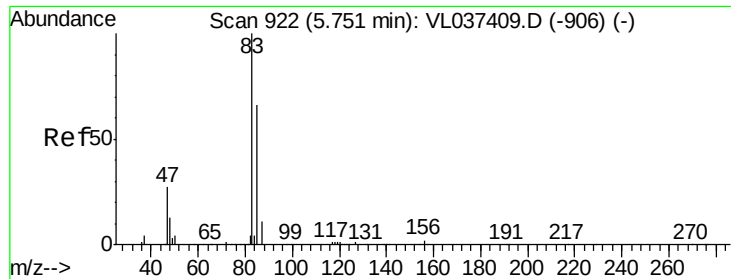
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#28
Methyl tert-Butyl Ether
Concen: 2.236 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.0	28.4





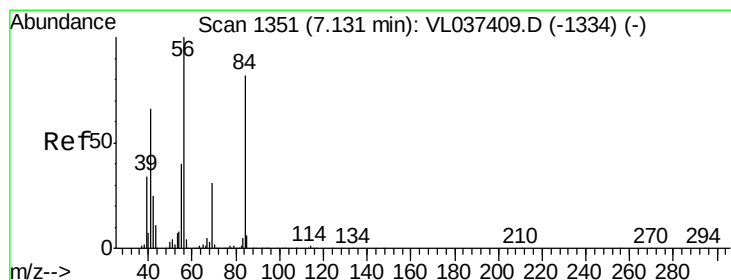
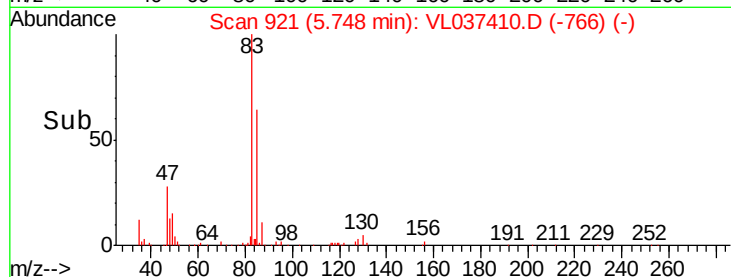
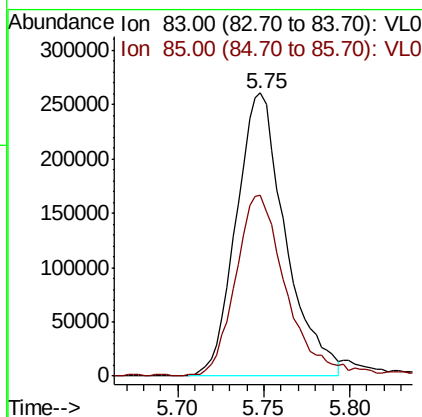
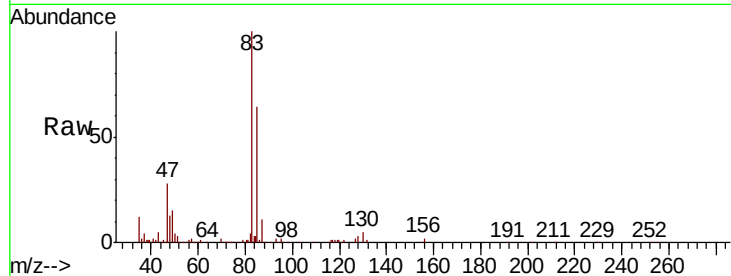
#29
Chloroform
Concen: 2.124 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	83	Resp	517030
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	52.4	78.6

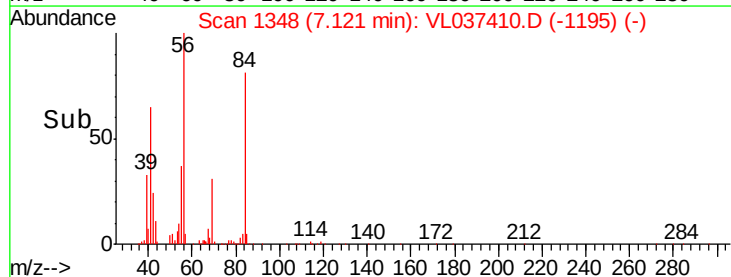
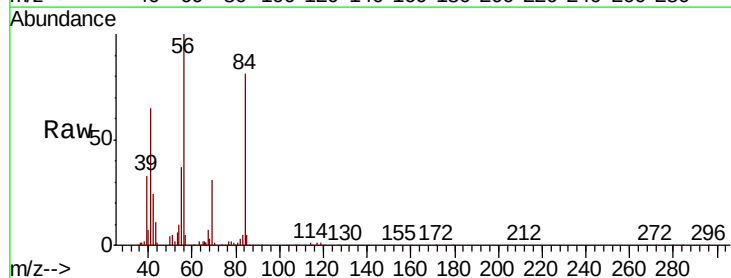
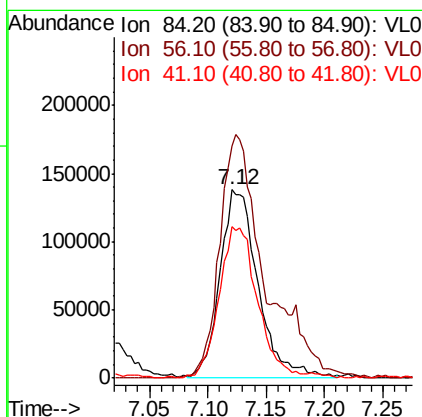
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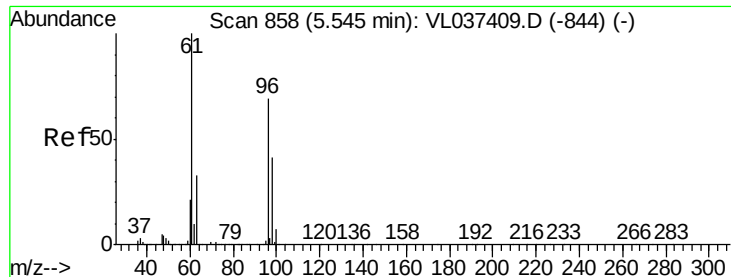
apatel
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#30
Cyclohexane
Concen: 2.225 ppbv m
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	84	Resp	312598
Ion Ratio	100	Lower	Upper
84	100		
56	155.5	109.6	164.4
41	0.0	66.6	99.8#





#31

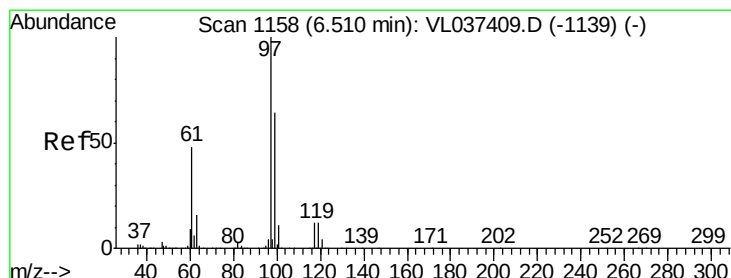
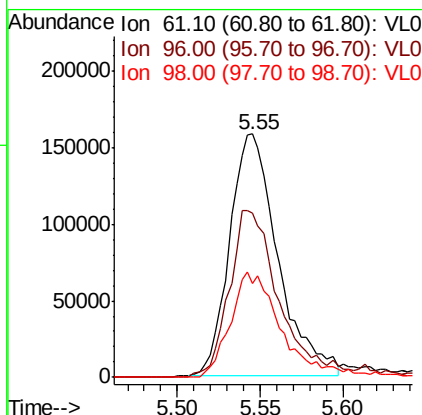
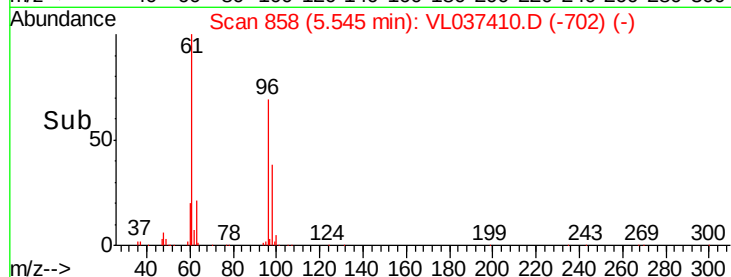
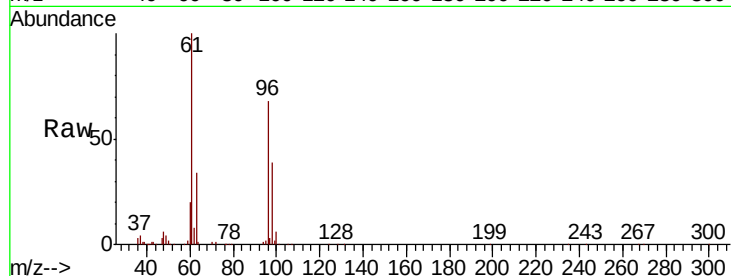
cis-1,2-Dichloroethene
Concen: 2.117 ppbv
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Resp	Lower	Upper
61	100			
96	67.9	55.5	83.3	
98	38.8	33.1	49.7	

Manual Integrations
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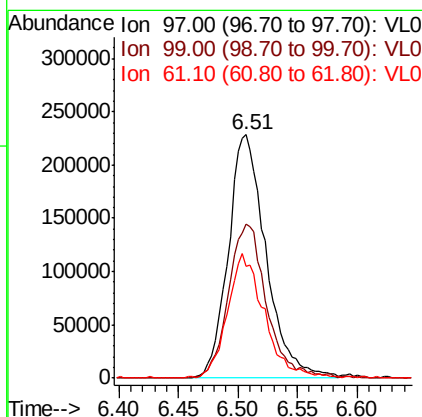
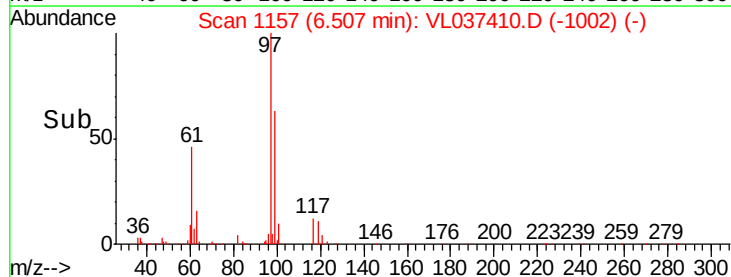
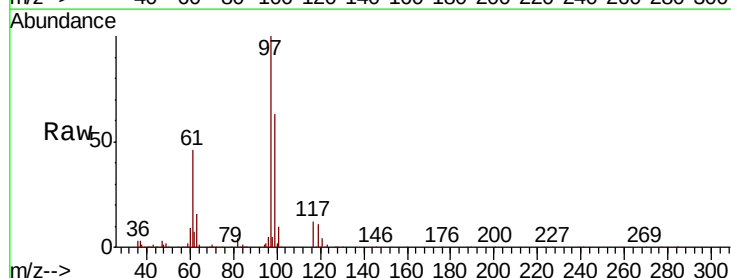
apatel
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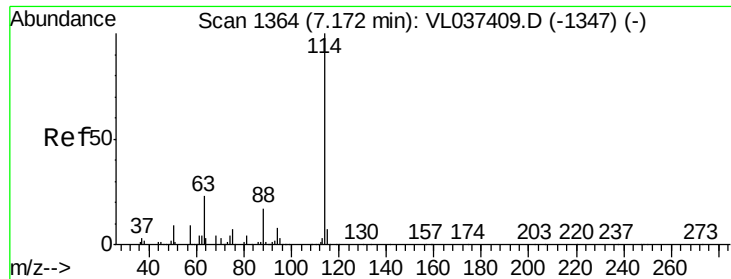


#32

1,1,1-Trichloroethane
Concen: 2.125 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
99	64.3	52.3	78.5	
61	49.6	40.1	60.1	





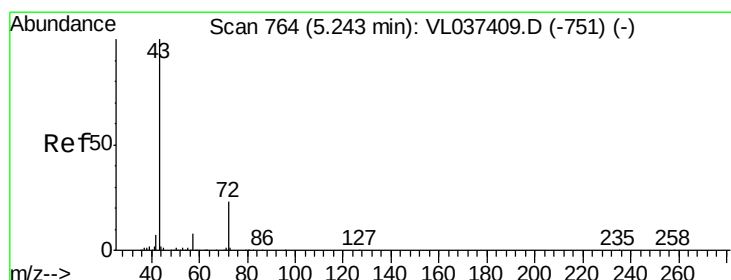
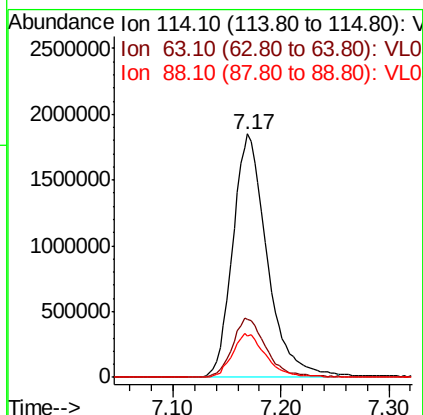
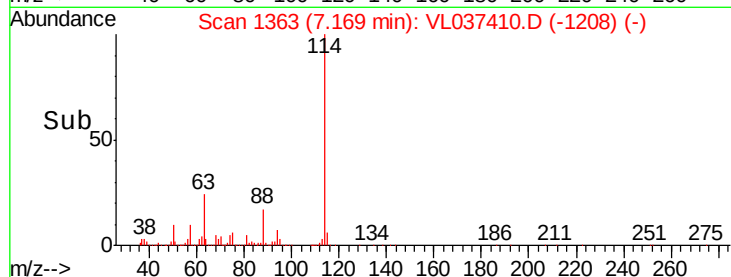
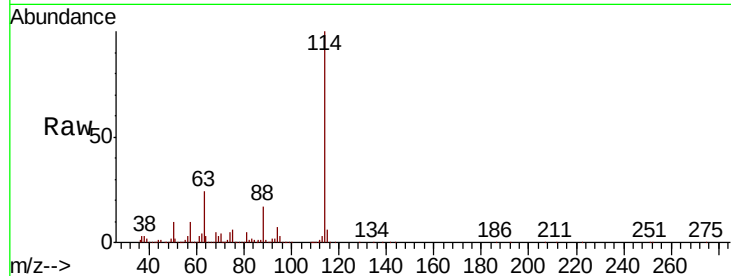
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.4	29.2
88	17.8	14.2	21.4

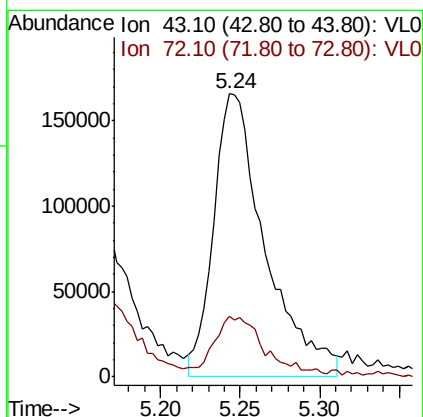
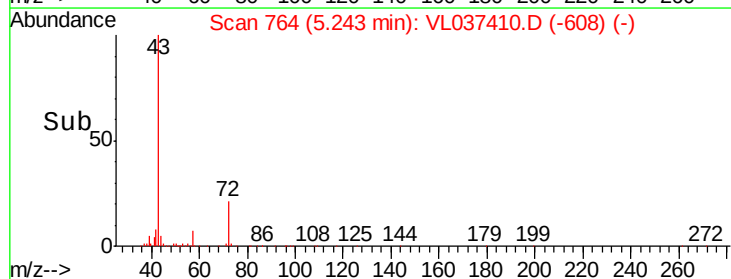
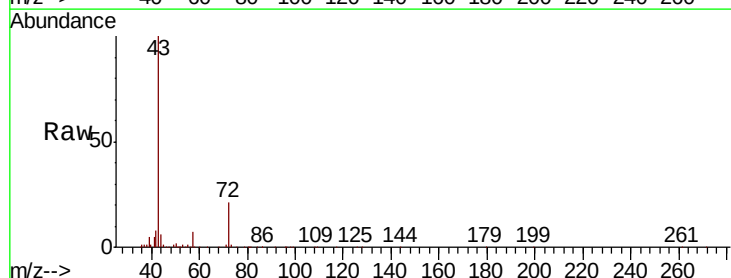
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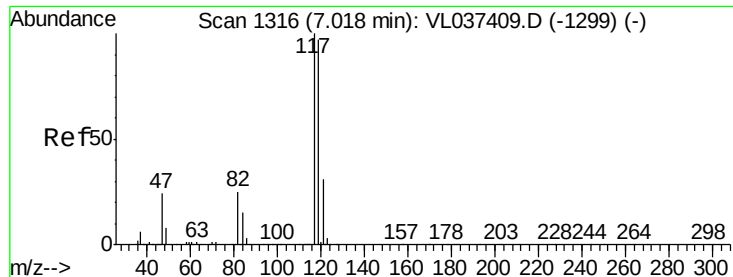
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#34
 2-Butanone
 Concen: 2.400 ppbv m
 RT: 5.24 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.5	17.7	26.5





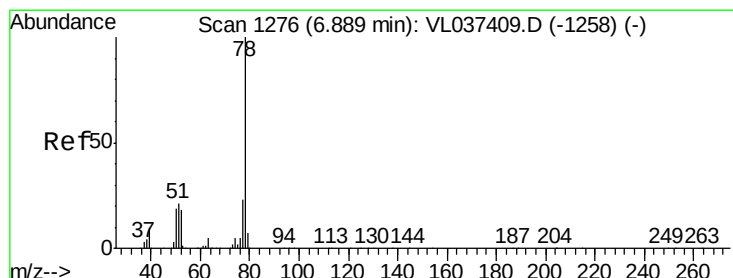
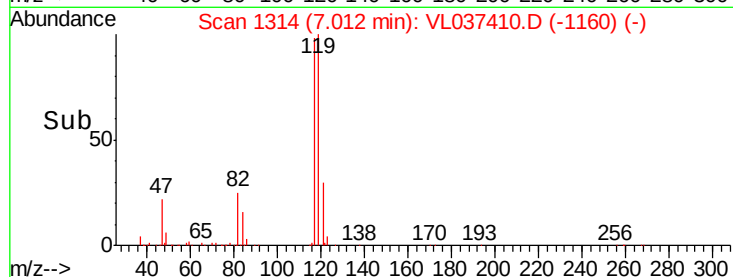
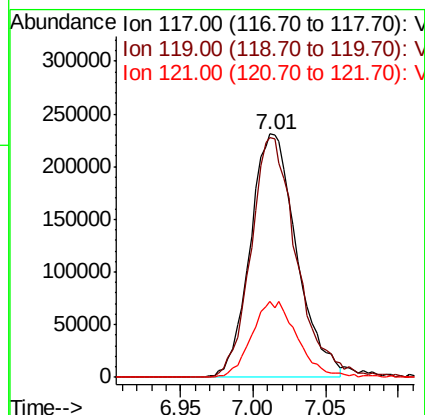
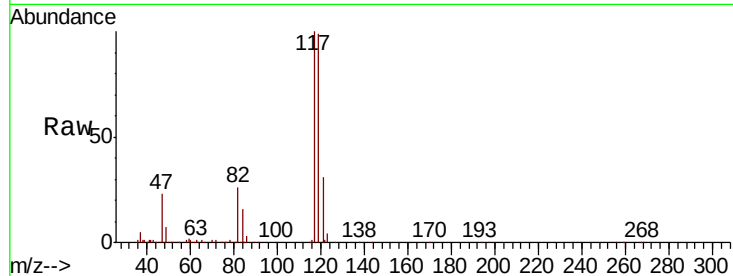
#35
Carbon Tetrachloride
Concen: 2.253 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.5	116.3
121	31.4	24.7	37.1

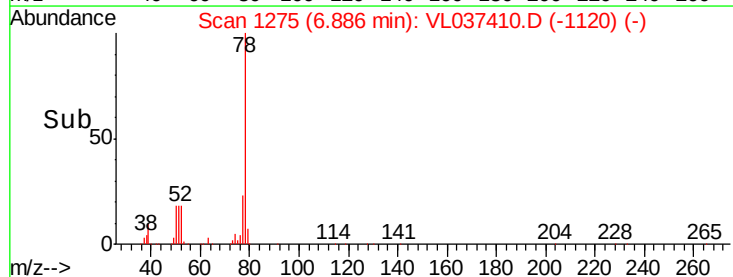
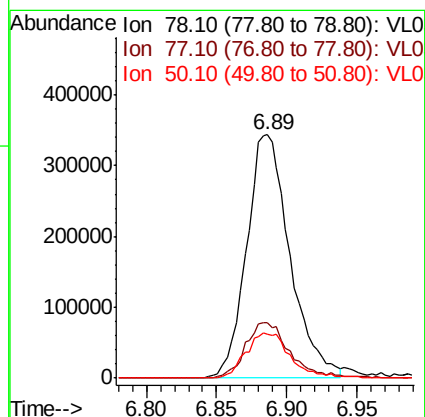
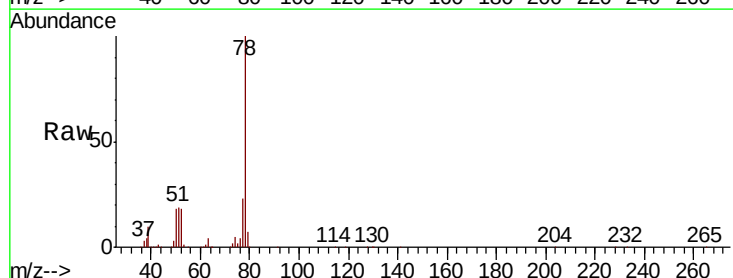
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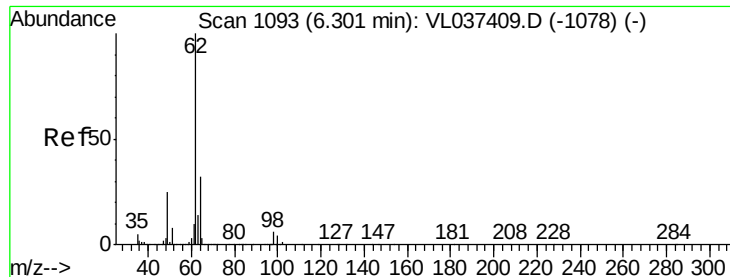
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#36
Benzene
Concen: 2.272 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.6	27.8
50	18.1	14.9	22.3





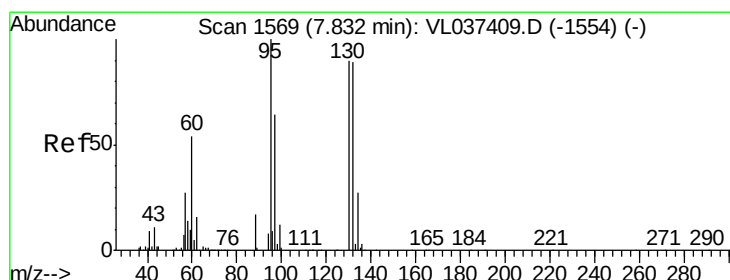
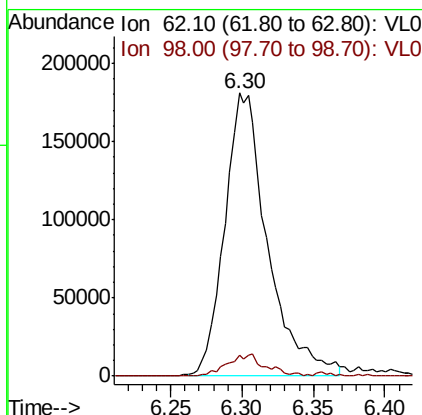
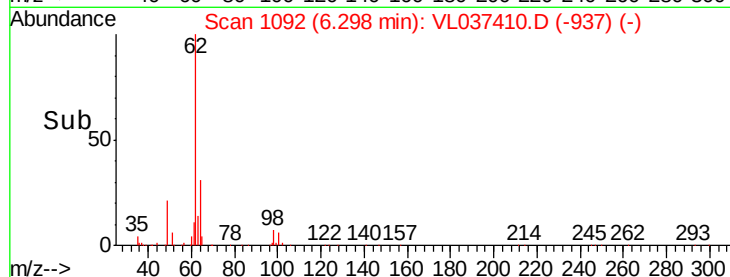
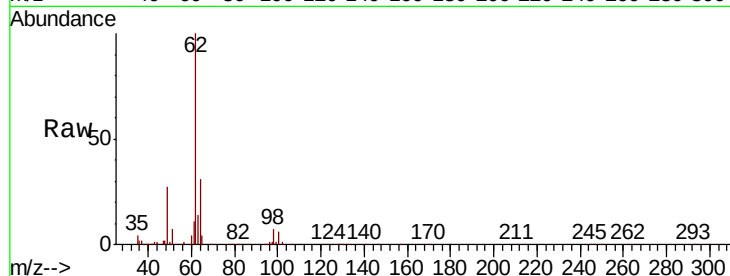
#37
1,2-Dichloroethane
Concen: 2.280 ppbv m
RT: 6.30 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Resp	Lower	Upper
62	100	379417		
98	7.4	5.4	8.2	

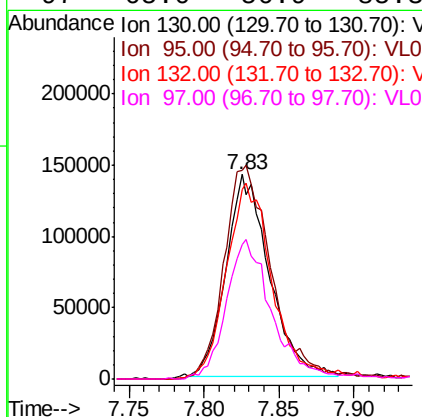
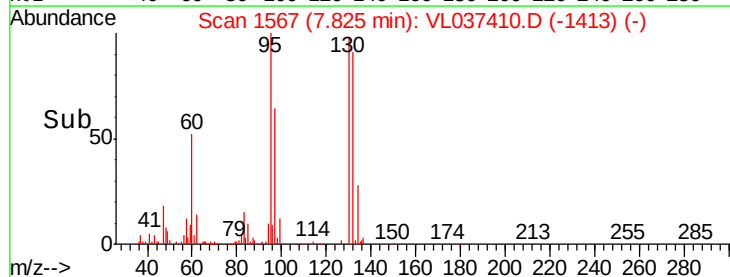
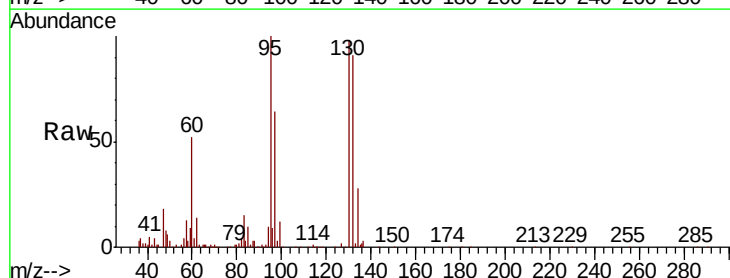
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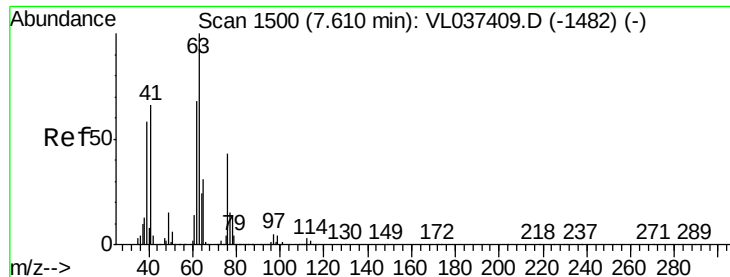
apatel
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#38
Trichloroethene
Concen: 2.064 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	285962		
95	101.8	88.6	132.8	
132	92.0	79.2	118.8	
97	65.0	56.9	85.3	





#39

1,2-Dichloropropane

Concen: 2.324 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

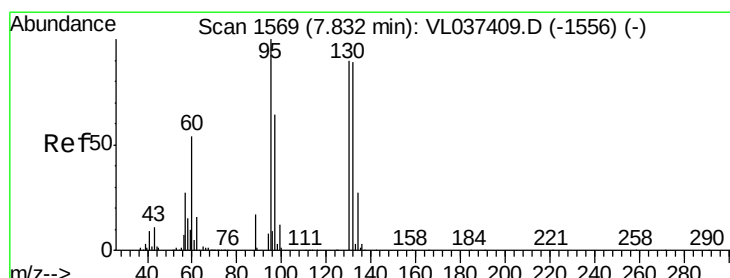
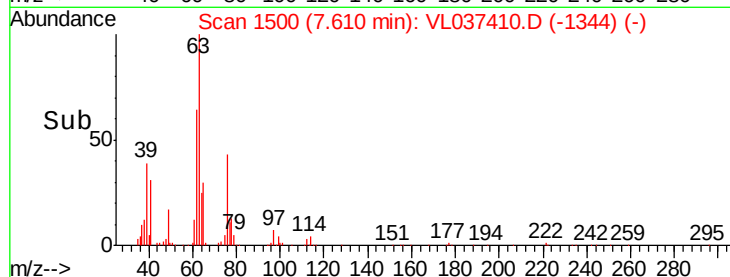
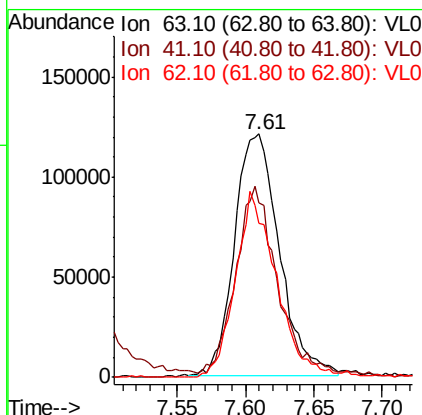
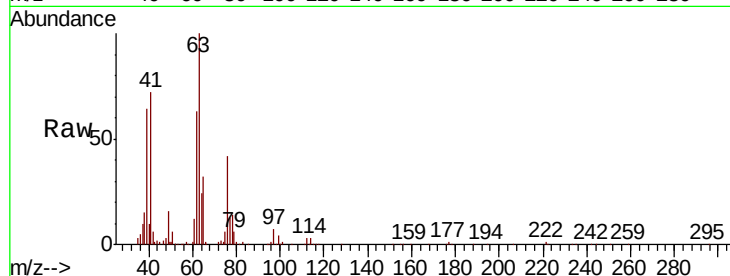
ClientSampleId :

VSTDIC002

Tot Ion:	63	Resp:	276393
Ion Ratio	Lower	Upper	
63	100		
41	70.1	53.0	79.6
62	63.9	54.5	81.7

Manual Integrations
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#40

1,4-Dioxane

Concen: 2.306 ppbv m

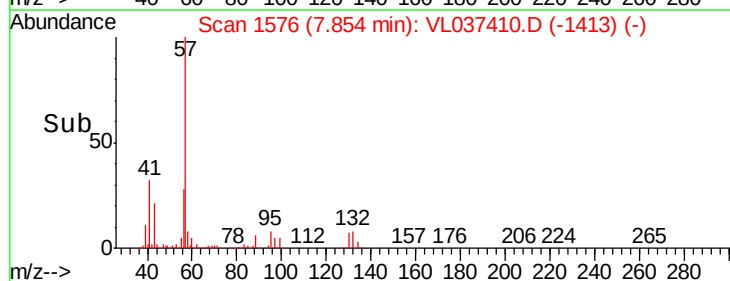
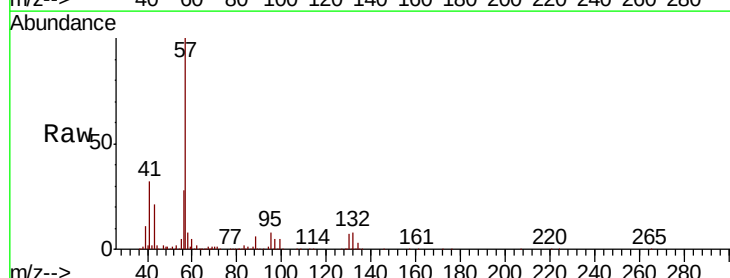
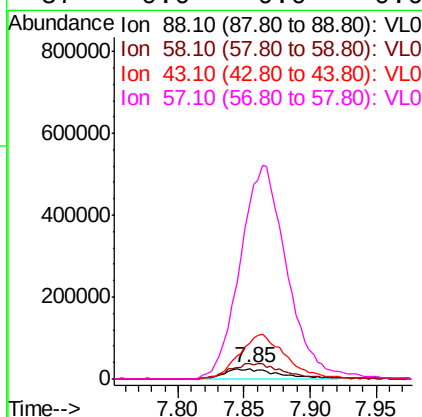
RT: 7.85 min Scan# 1576

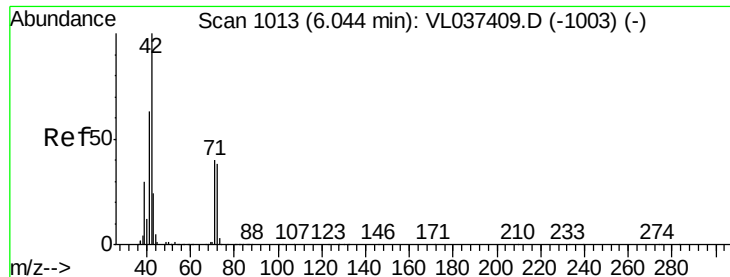
Delta R.T. 0.02 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Tgt Ion:	88	Resp:	73104
Ion Ratio	Lower	Upper	
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 2.327 ppbv m

RT: 6.06 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

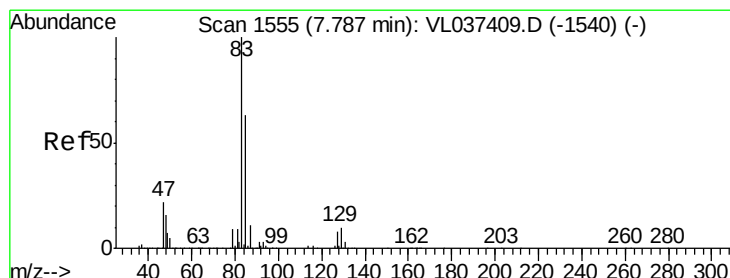
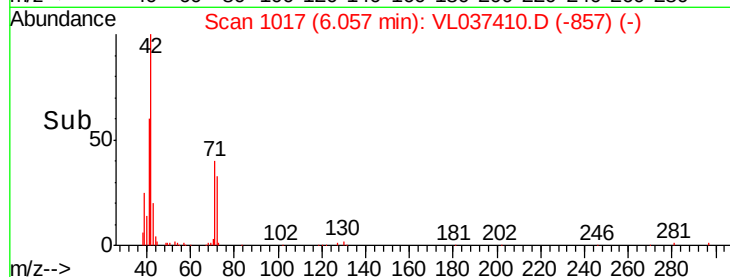
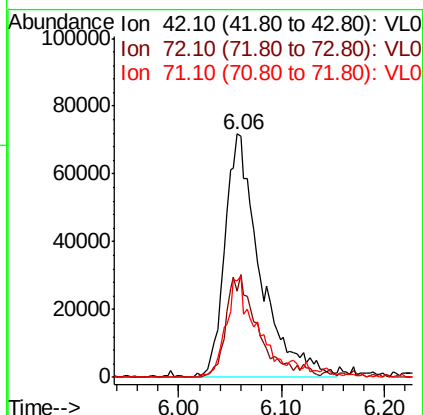
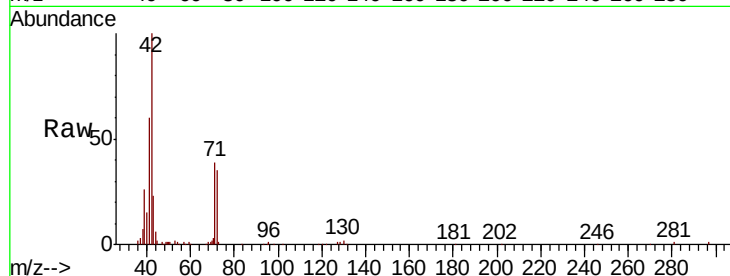
ClientSampleId :

VSTDIC002

Tot Ion:	42	Resp:	170447
Ion Ratio		Lower	Upper
42	100		
72	39.6	33.5	50.3
71	39.8	32.6	48.8

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#42

Bromodichloromethane

Concen: 2.318 ppbv

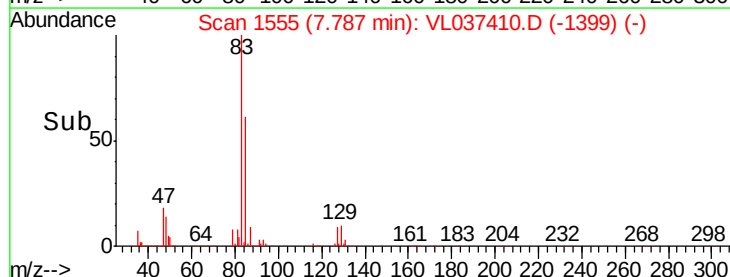
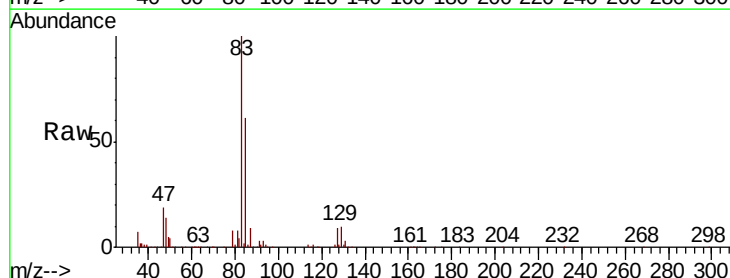
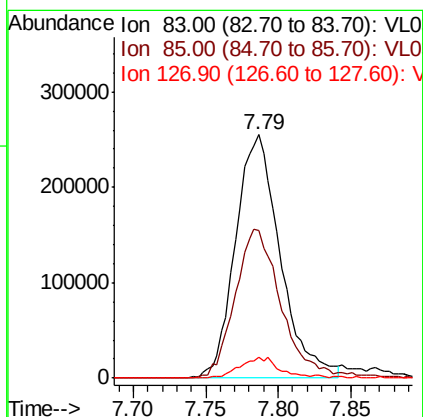
RT: 7.79 min Scan# 1555

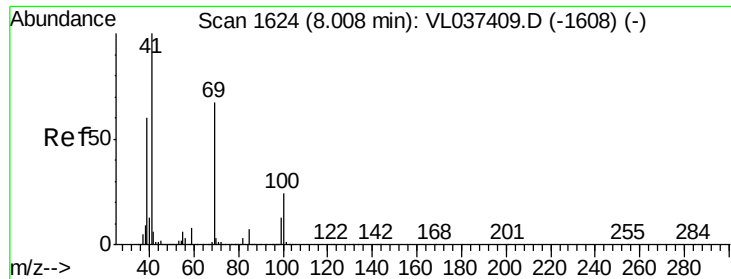
Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Tgt Ion:	83	Resp:	545413
Ion Ratio		Lower	Upper
83	100		
85	60.3	50.2	75.2
127	8.6	6.6	9.8





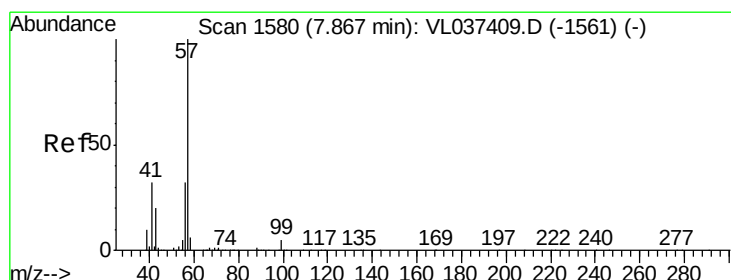
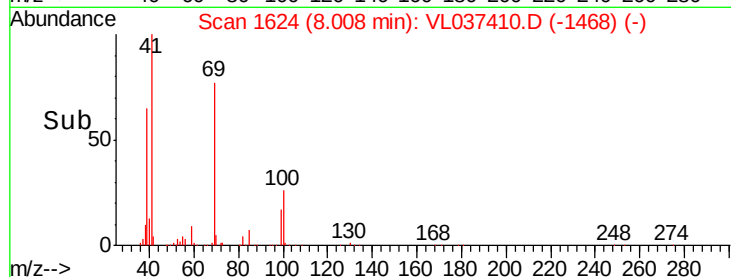
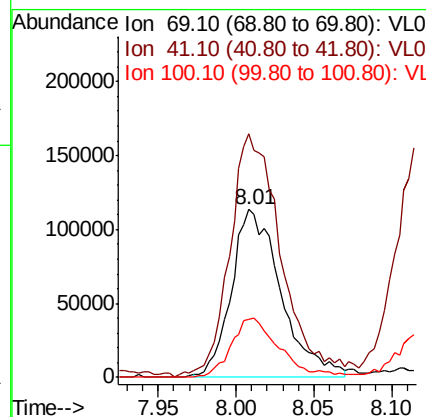
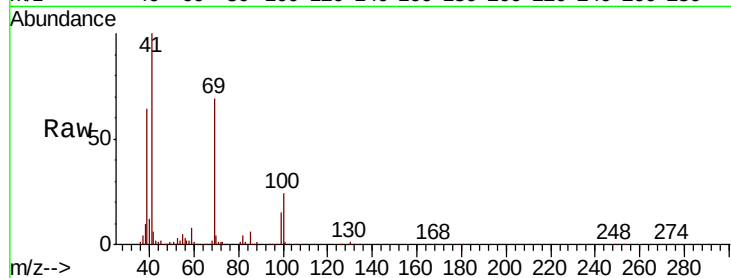
#43
Methvl Methacrylate
Concen: 2.225 ppbv m
RT: 8.01 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	146.4	118.1	177.1	
100	34.5	27.6	41.4	

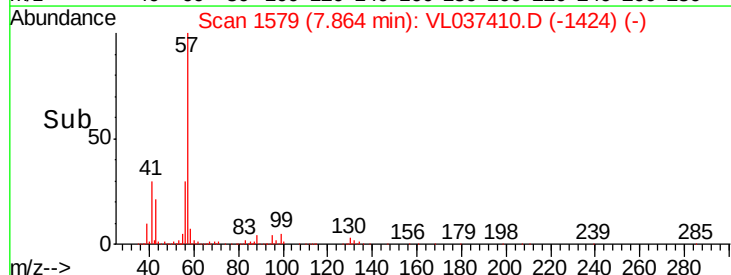
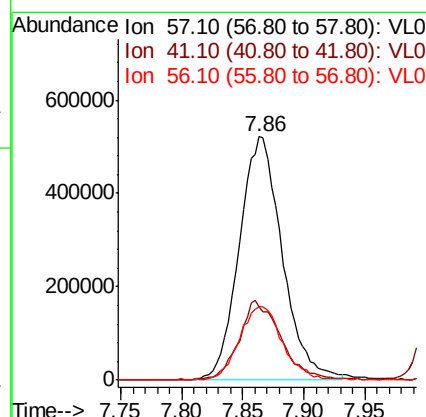
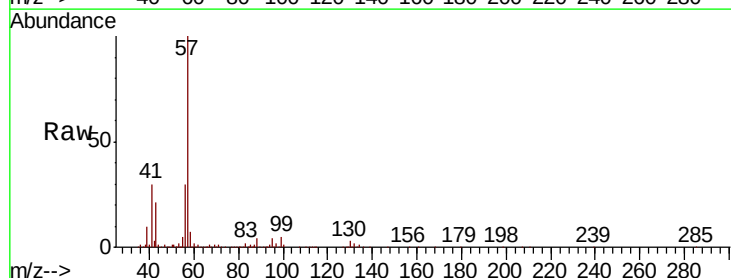
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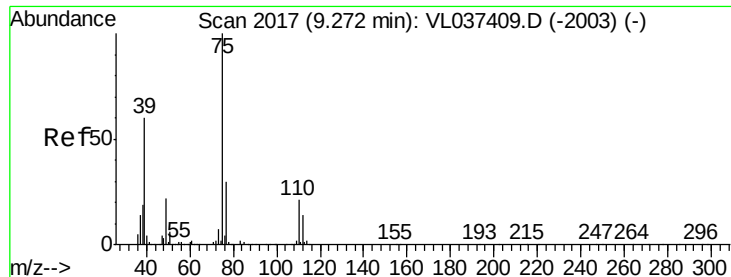
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#44
2,2,4-Trimethylpentane
Concen: 2.333 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	32.0	26.4	39.6	
56	31.0	25.0	37.4	





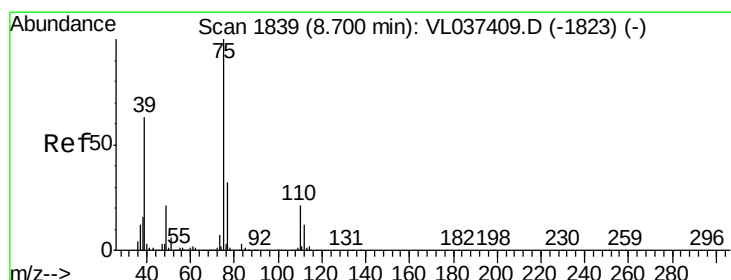
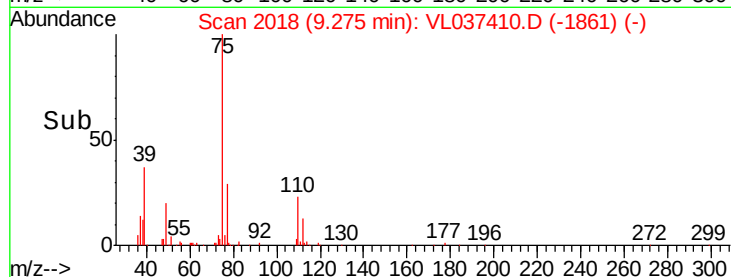
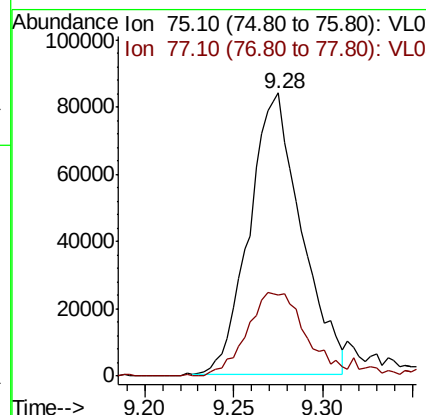
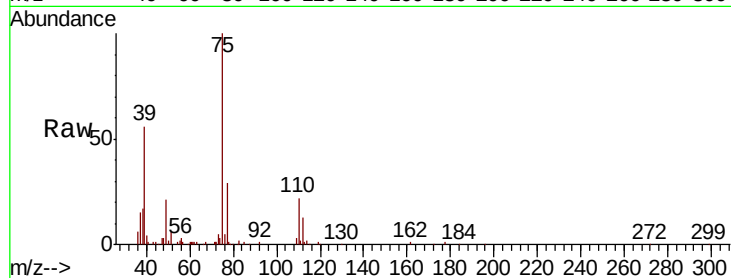
#45
 t-1,3-Dichloropropene
 Concen: 2.004 ppbv
 RT: 9.28 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion: 75 Resp: 170407
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.2 36.2

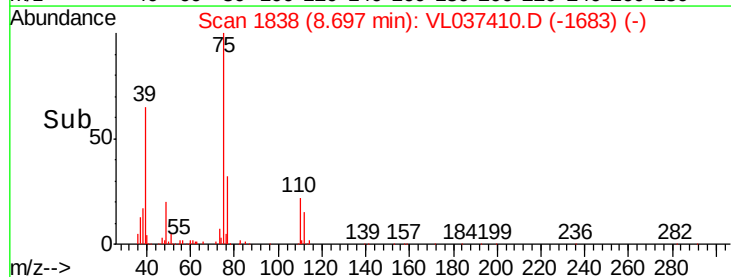
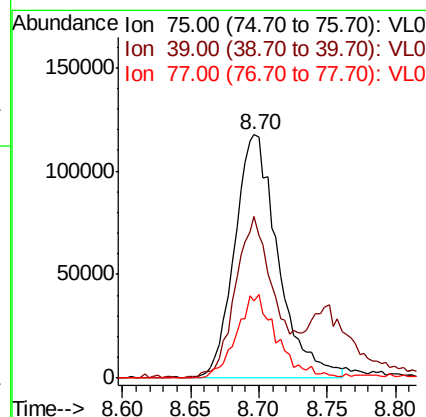
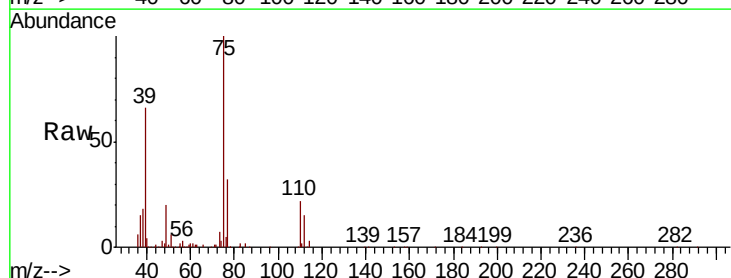
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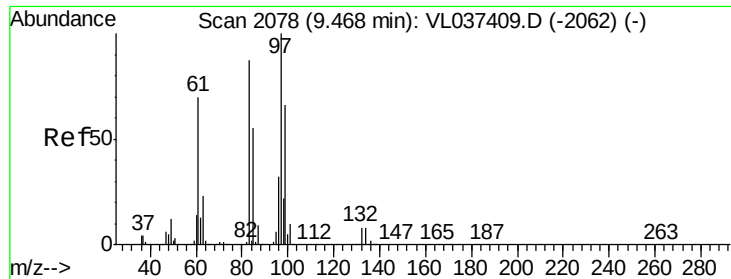
apatel
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#46
 cis-1,3-Dichloropropene
 Concen: 2.264 ppbv
 RT: 8.70 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Tgt Ion: 75 Resp: 260386
 Ion Ratio Lower Upper
 75 100
 39 65.9 50.1 75.1
 77 31.6 25.8 38.8





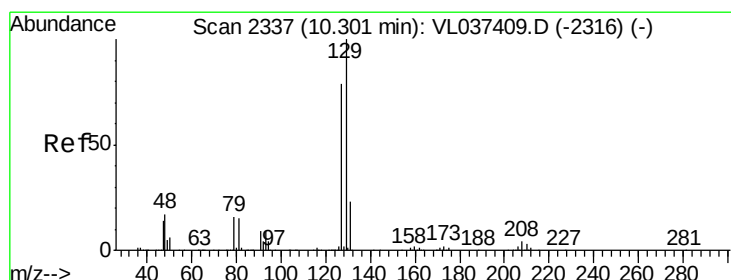
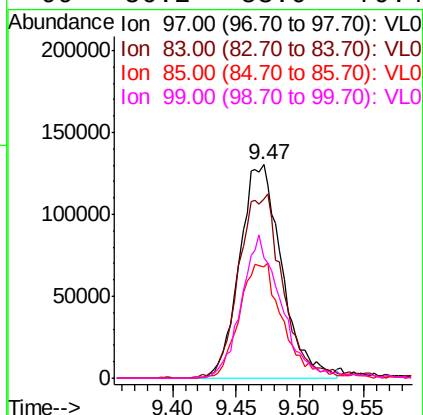
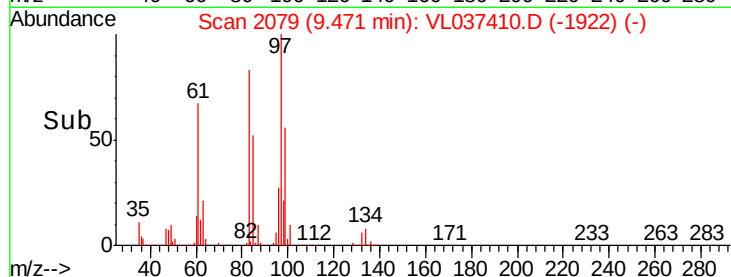
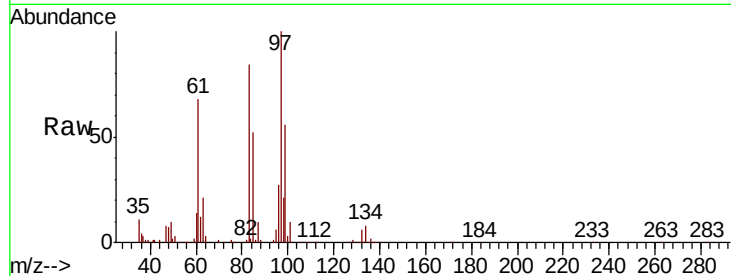
#47
 1,1,2-Trichloroethane
 Concen: 2.243 ppbv m
 RT: 9.47 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		300714		
83	83.6	69.5	104.3		
85	51.9	43.8	65.8		
99	56.2	53.0	79.4		

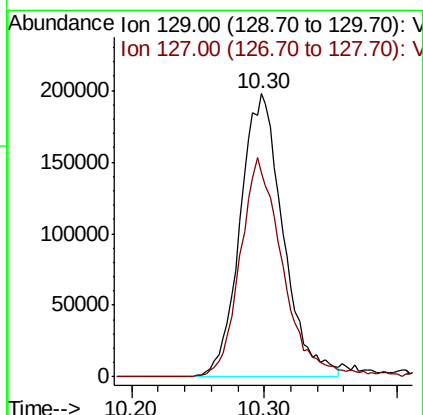
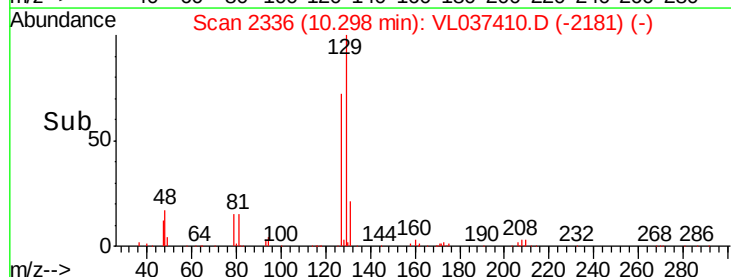
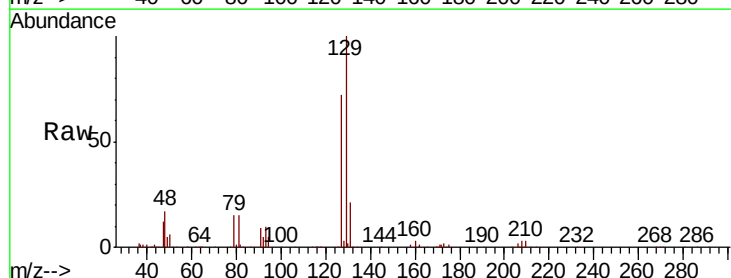
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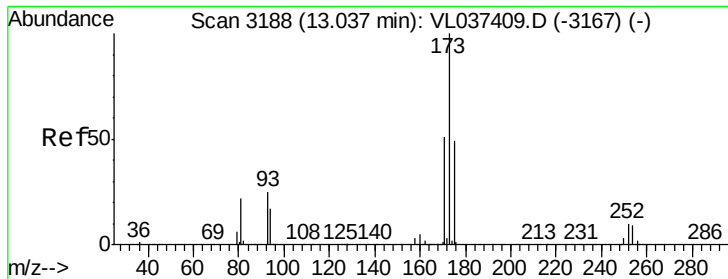
apatel
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#48
 Dibromochloromethane
 Concen: 2.253 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
129	100		445440		
127	77.6	39.6	118.8		





#49

Bromoform

Concen: 2.195 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. -0.01 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

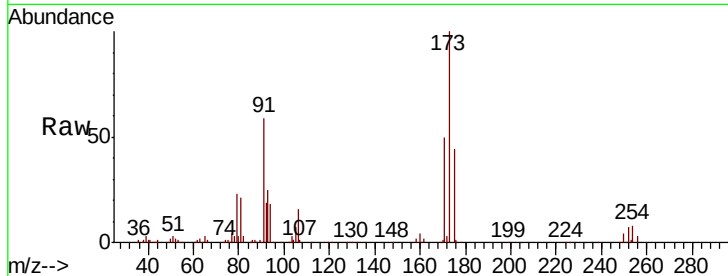
ClientSampleId :

VSTDIC002

Tot Ion:	173	Resp:	340995
Ion Ratio	Lower	Upper	
173	100		
175	50.9	39.9	59.9
171	52.1	41.4	62.2

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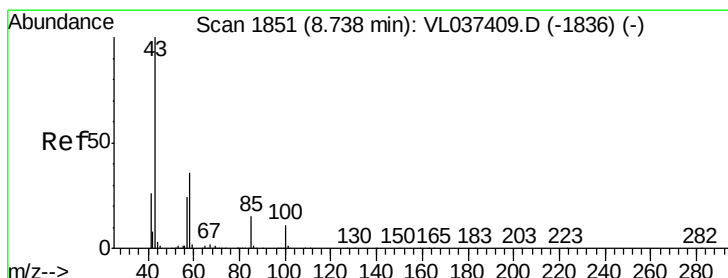
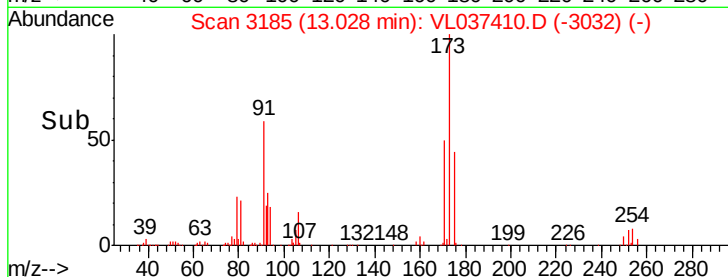
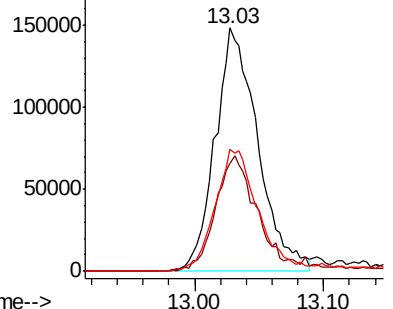
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 2.263 ppbv m

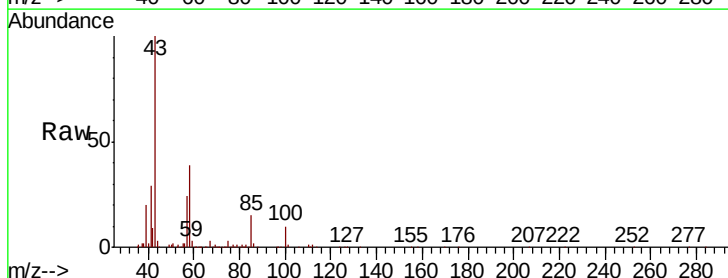
RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL037410.D

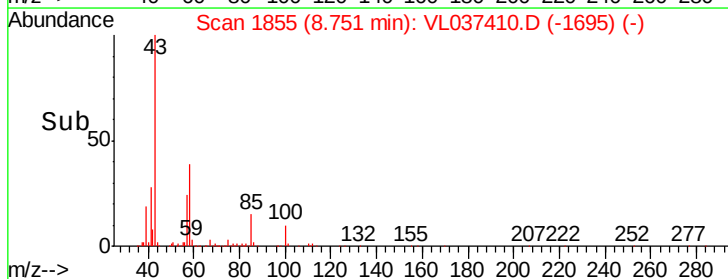
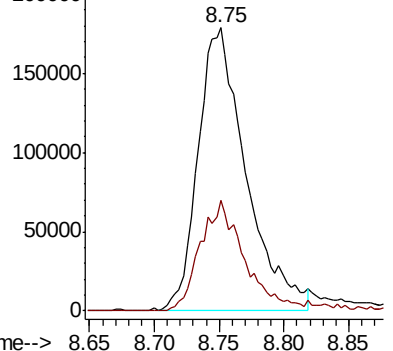
Acq: 12 Aug 2021 11:41

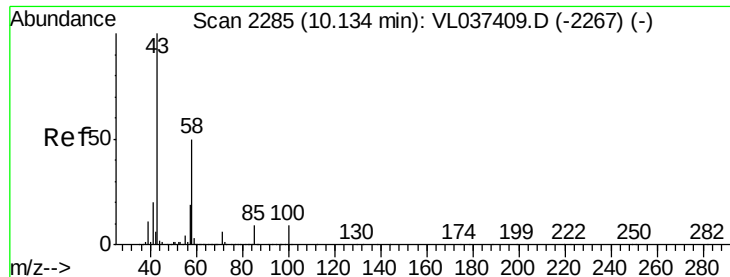
Tgt Ion:	43	Resp:	460615
Ion Ratio	Lower	Upper	
43	100		
58	37.9	29.9	44.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





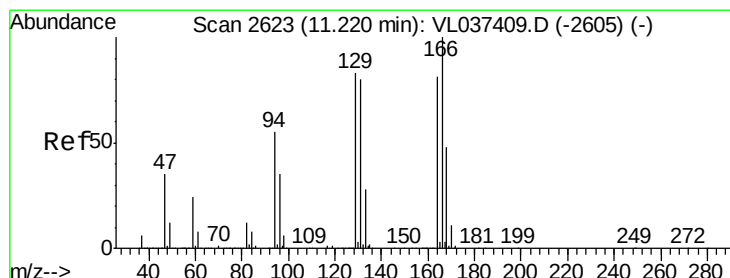
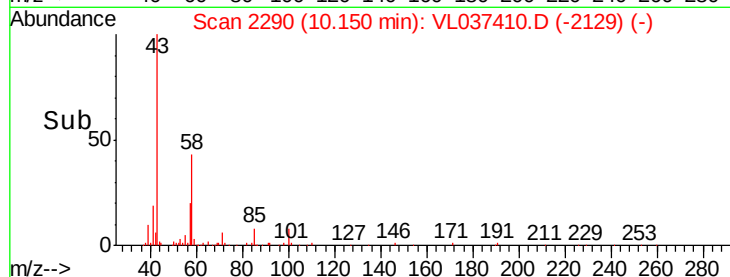
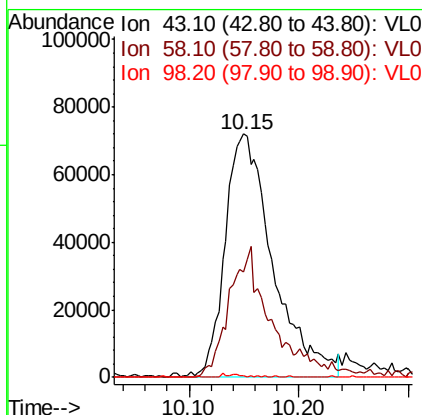
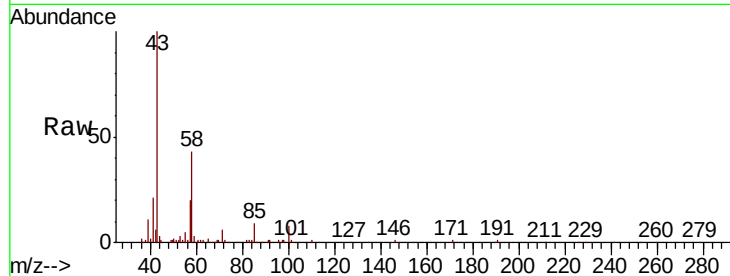
#51
2-Hexanone
Concen: 2.425 ppbv m
RT: 10.15 min Scan# 2290
Delta R.T. 0.02 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.9	59.9#
98	0.9	0.2	0.2#

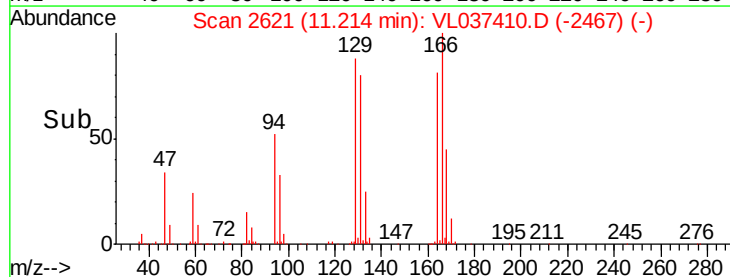
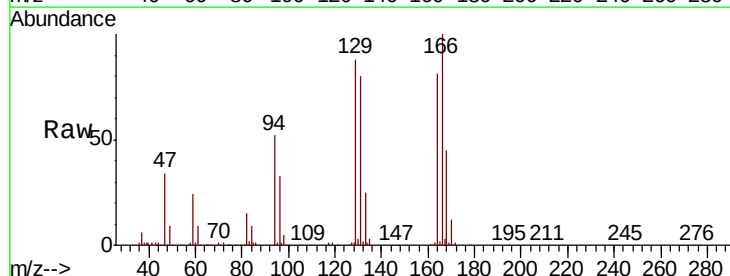
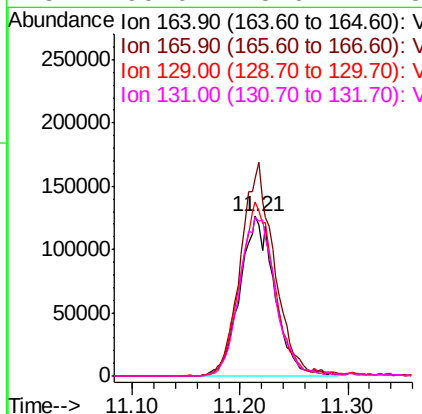
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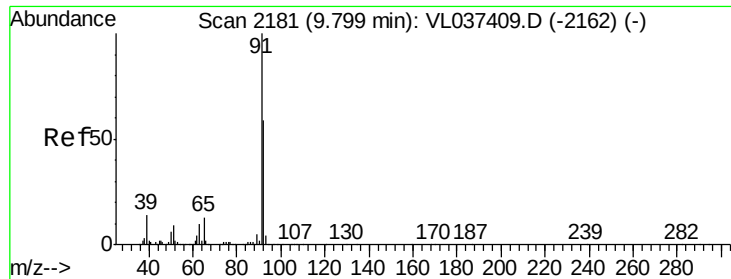
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#52
Tetrachloroethene
Concen: 2.143 ppbv m
RT: 11.21 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.6	98.6	147.8
129	109.2	82.0	123.0
131	99.0	78.6	117.8





#53

Toluene

Concen: 2.227 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 91 Resp: 840417

Ion Ratio Lower Upper

91 100

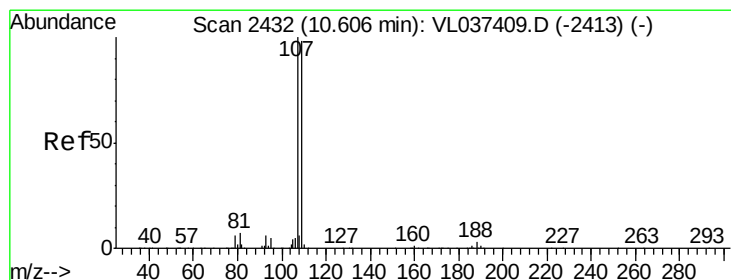
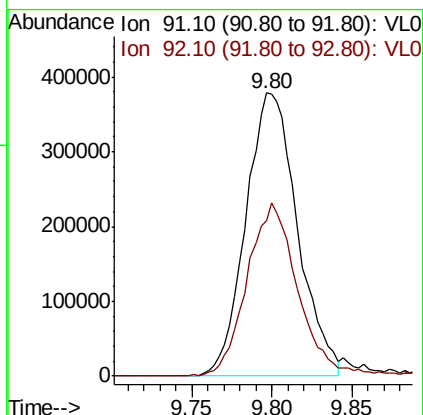
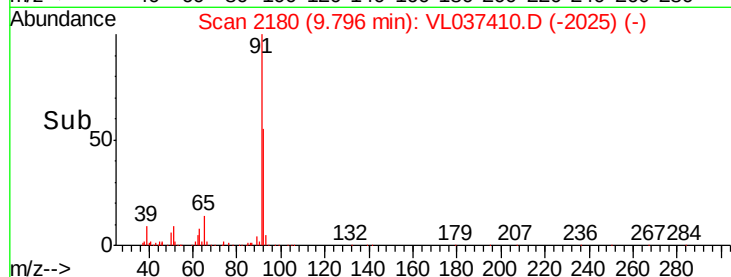
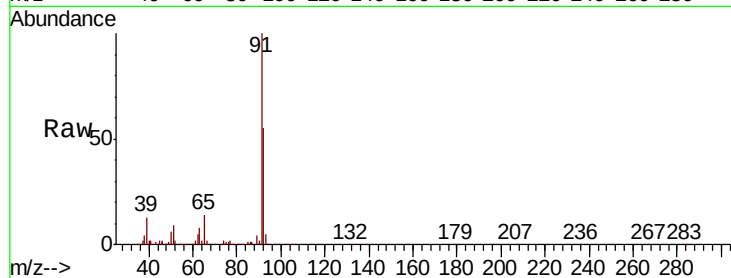
92 60.6 49.0 73.6

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#54

1,2-Dibromoethane

Concen: 2.171 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.01 min

Lab File: VL037410.D

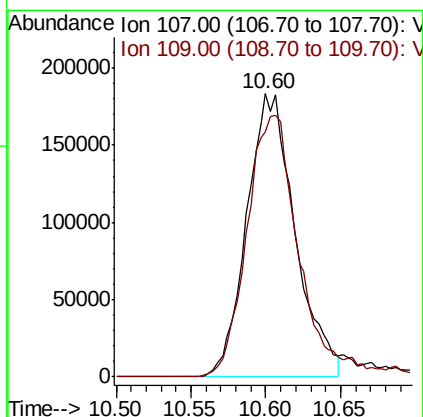
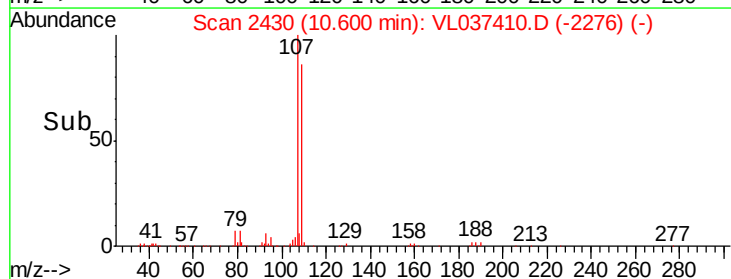
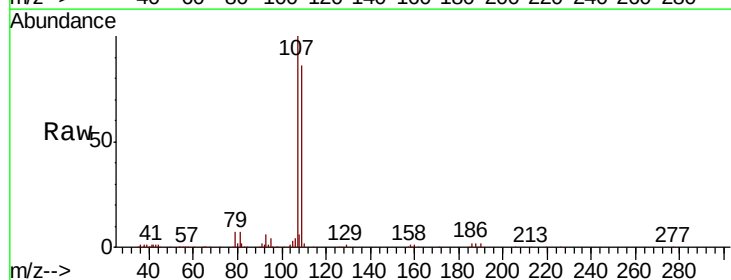
Acq: 12 Aug 2021 11:41

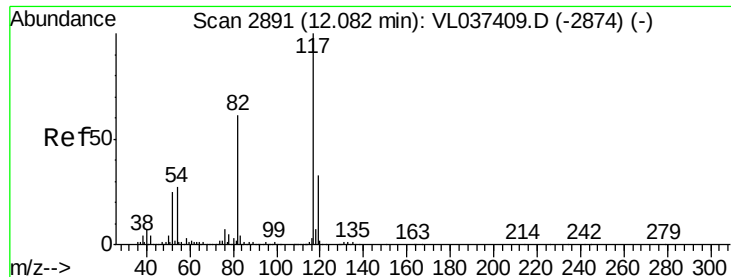
Tgt Ion: 107 Resp: 411935

Ion Ratio Lower Upper

107 100

109 86.4 78.4 117.6





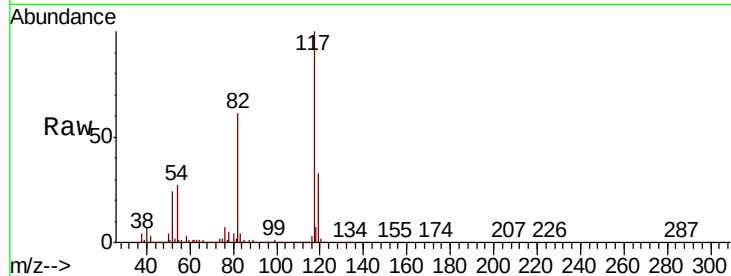
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	53.1	79.7
119	37.7	28.0	42.0

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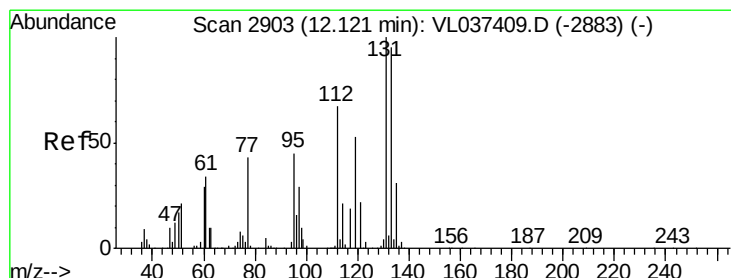
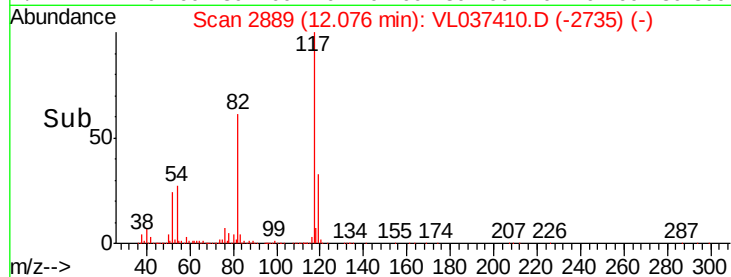
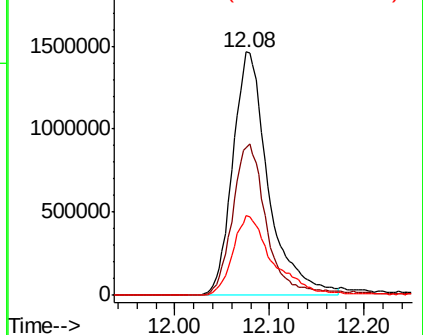


Abundance

Ion 117.10 (116.80 to 117.80): V

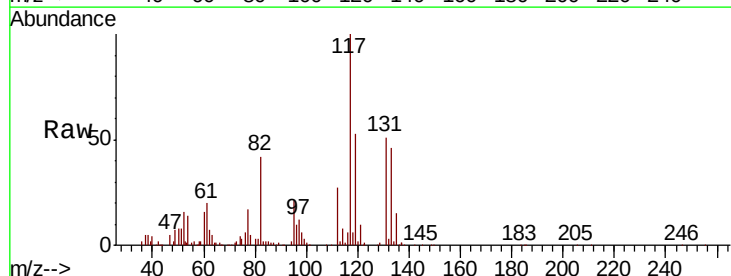
Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#56
1,1,1,2-Tetrachloroethane
Concen: 2.174 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.01 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.9	77.1	115.7
119	448.9	59.7	89.5#

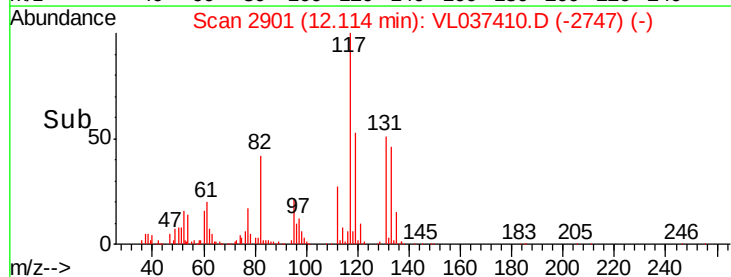
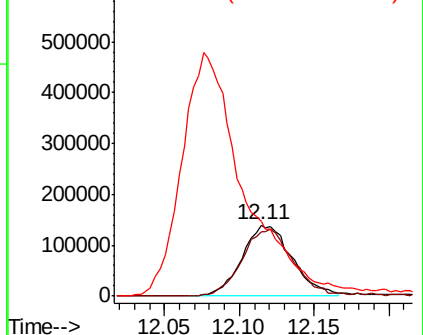


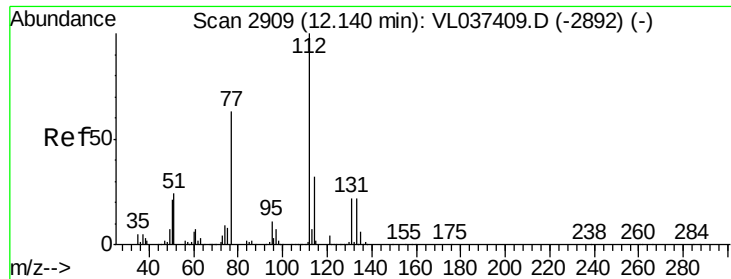
Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





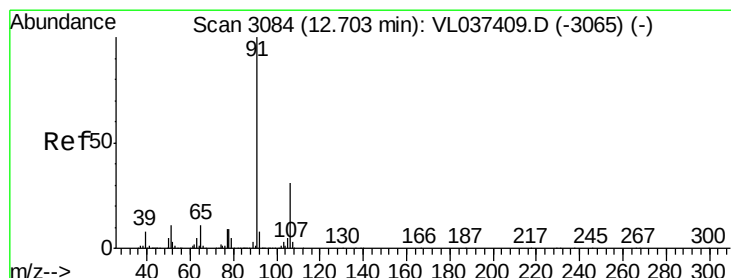
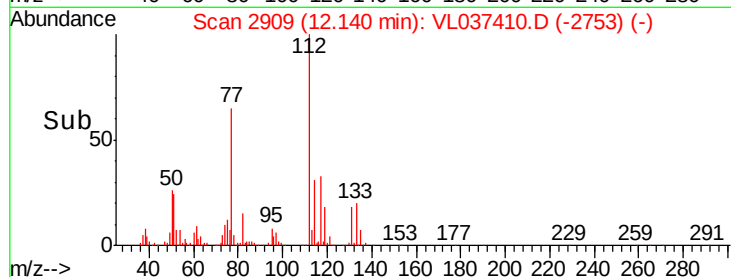
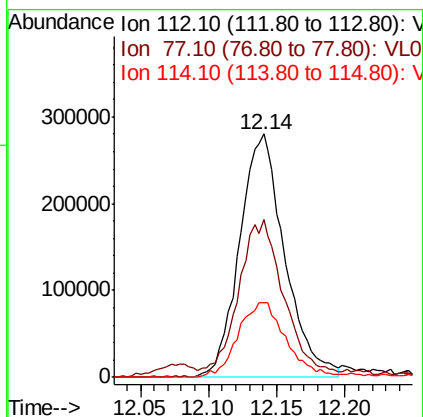
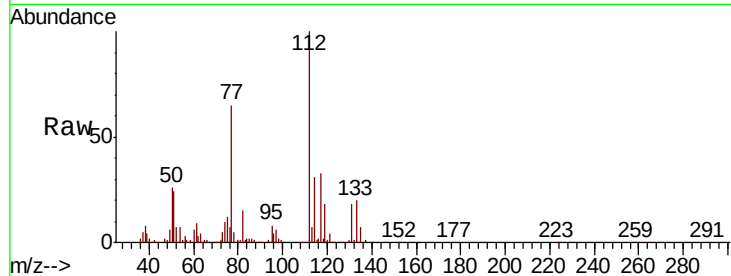
#57
Chlorobenzene
Concen: 2.154 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
112	100		
77	62.7	50.0	75.0
114	30.3	28.5	34.9

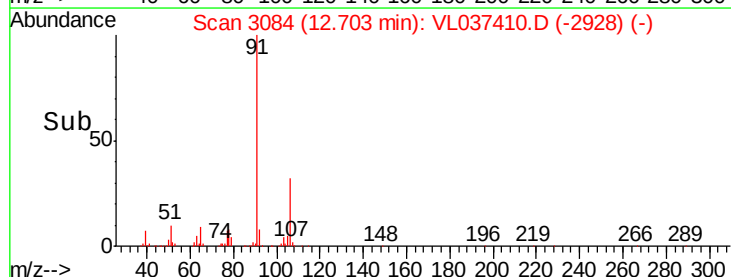
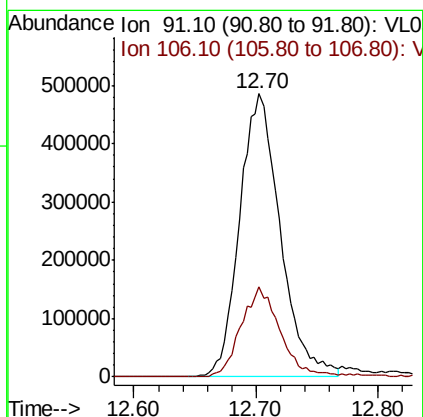
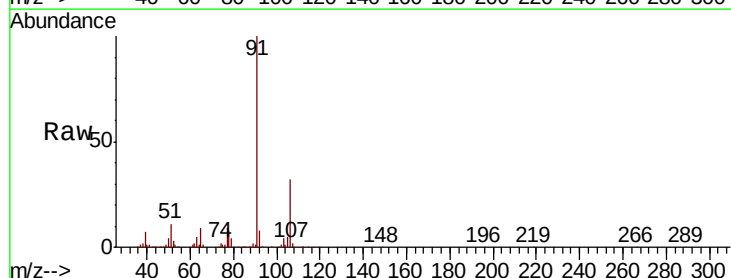
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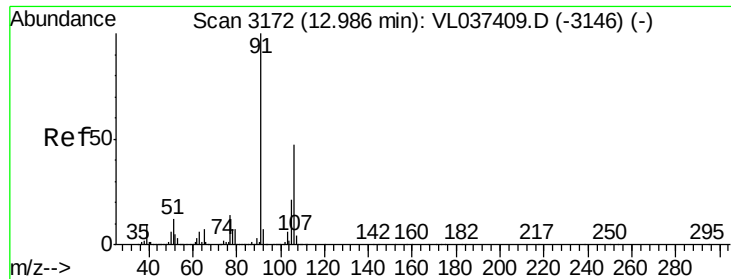
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#58
Ethyl Benzene
Concen: 2.184 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.7	37.1





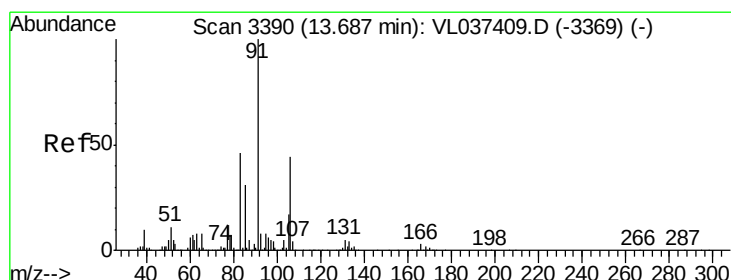
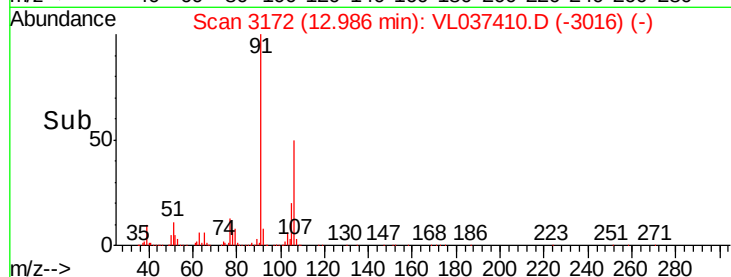
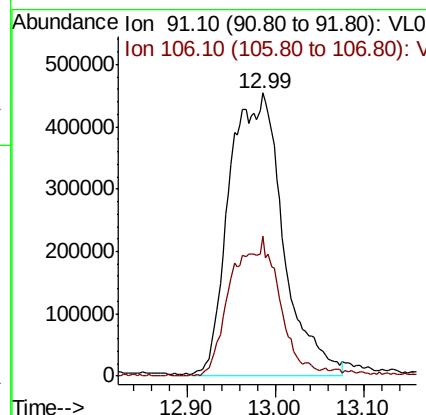
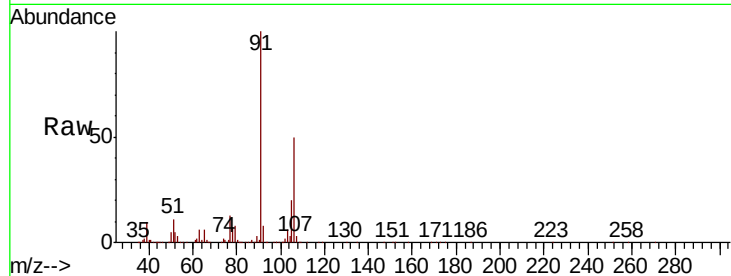
#59
m/p-Xylene
Concen: 4.361 ppbv m
RT: 12.99 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion: 91 Resp: 1920223
Ion Ratio Lower Upper
91 100
106 0.0 36.6 54.8#

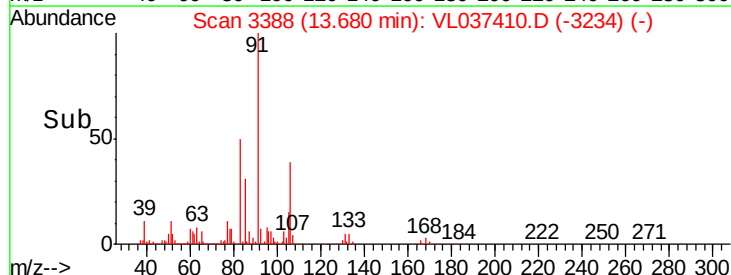
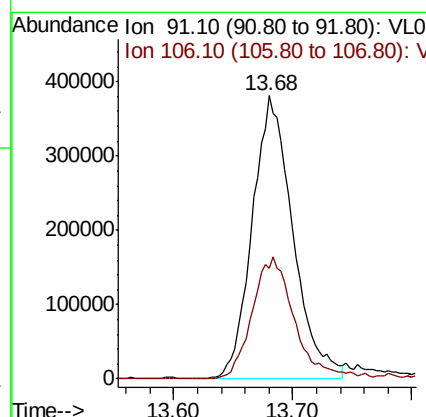
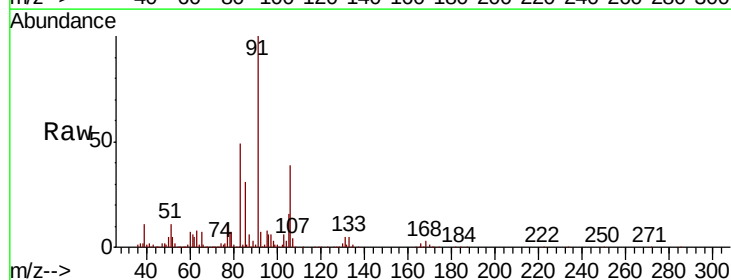
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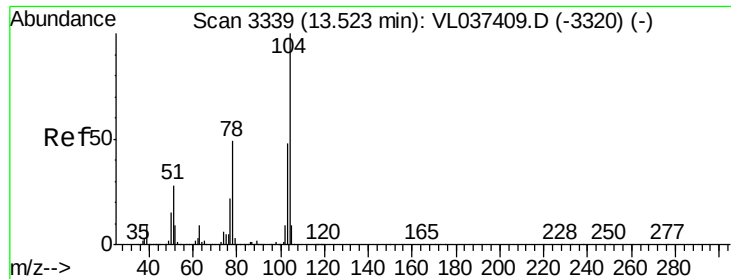
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#60
o-Xylene
Concen: 2.203 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion: 91 Resp: 899213
Ion Ratio Lower Upper
91 100
106 45.3 24.1 72.2





#61

Stvrene

Concen: 2.152 ppbv

RT: 13.52 min Scan# 3337

Delta R.T. -0.01 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

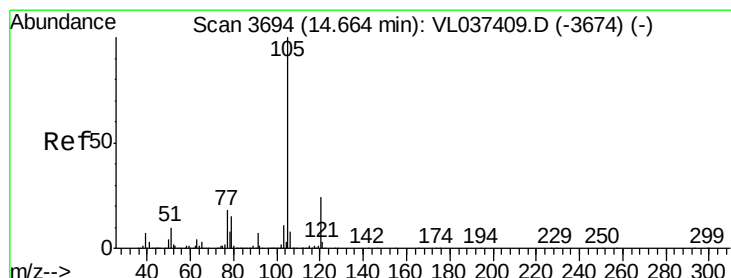
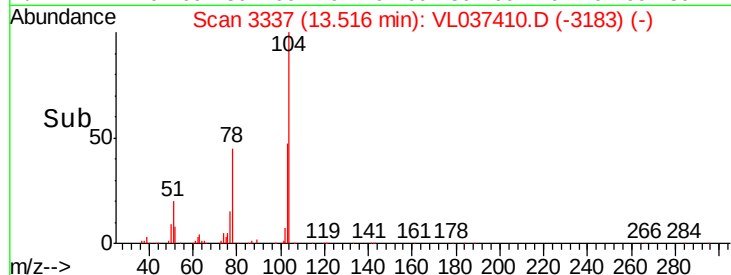
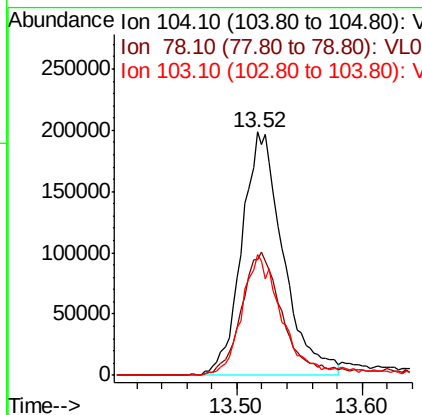
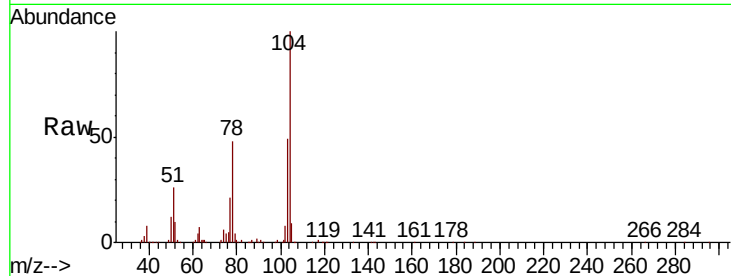
ClientSampleId :

VSTDIC002

Tot Ion:	104	Resp:	455126
Ion Ratio	Lower	Upper	
104	100		
78	52.5	41.5	62.3
103	49.6	40.2	60.2

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#62

Isopropylbenzene

Concen: 2.221 ppbv

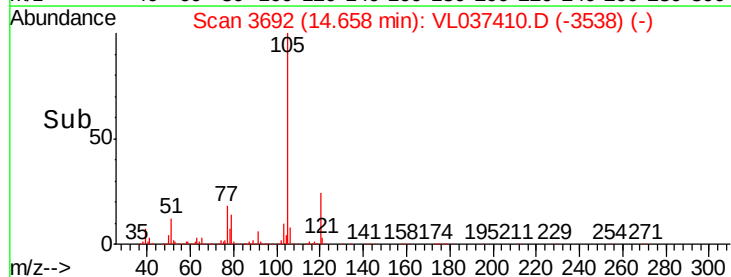
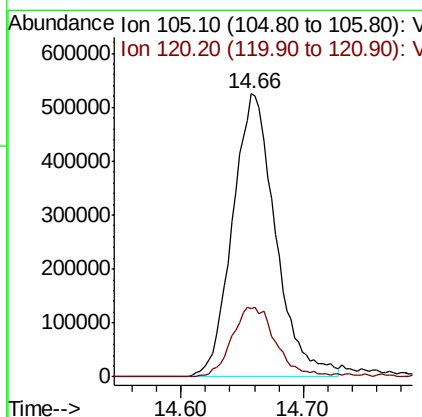
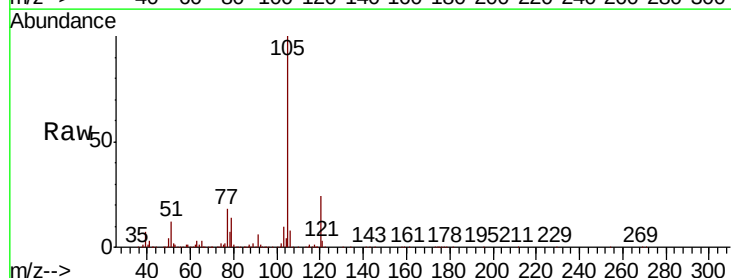
RT: 14.66 min Scan# 3692

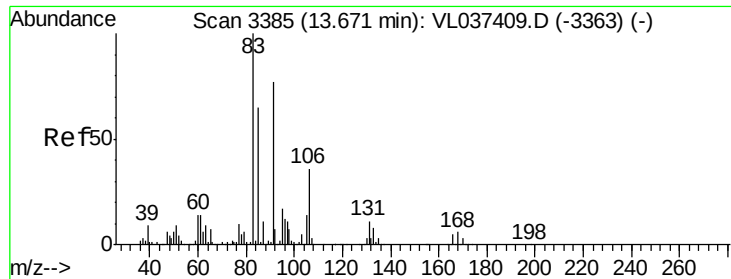
Delta R.T. -0.01 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Tgt Ion:	105	Resp:	1277064
Ion Ratio	Lower	Upper	
105	100		
120	25.8	21.6	32.4





#63

1,1,2,2-Tetrachloroethane

Concen: 2.057 ppbv

RT: 13.67 min Scan# 3384

Delta R.T. -0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

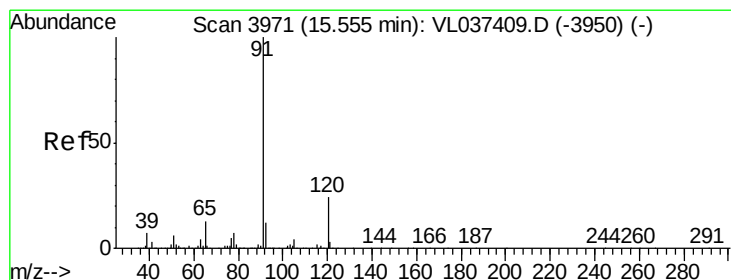
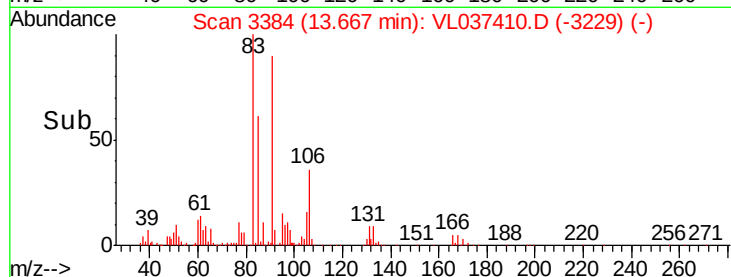
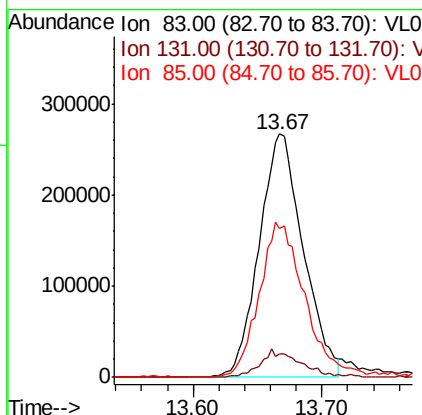
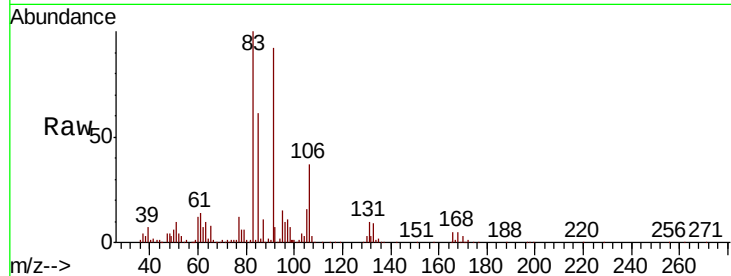
ClientSampleId :

VSTDIC002

Tot Ion:	83	Resp:	635008
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	67.2	33.4	100.2

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#64

n-propylbenzene

Concen: 2.167 ppbv m

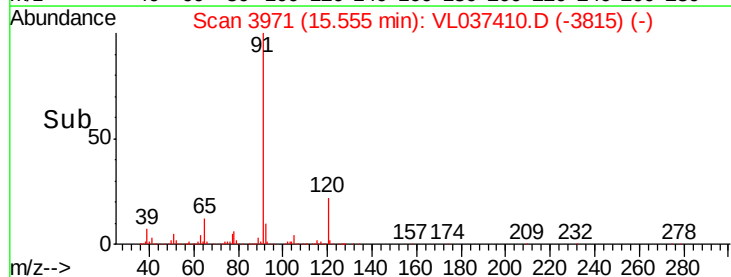
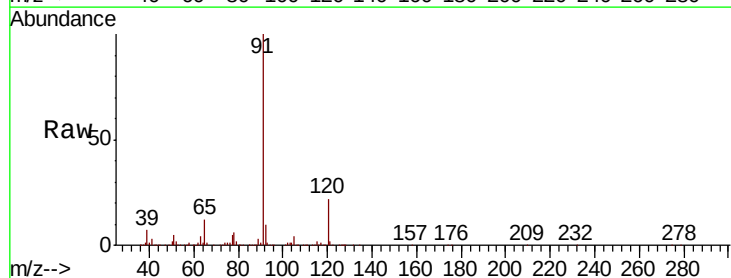
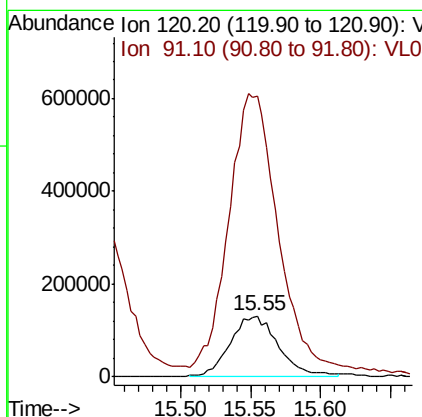
RT: 15.55 min Scan# 3971

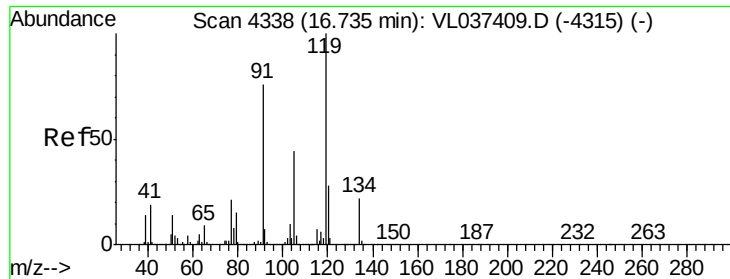
Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Tgt Ion:	120	Resp:	316189
Ion Ratio	Lower	Upper	
120	100		
91	500.6	388.4	582.6





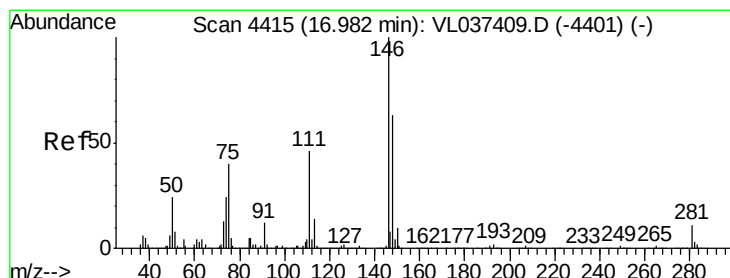
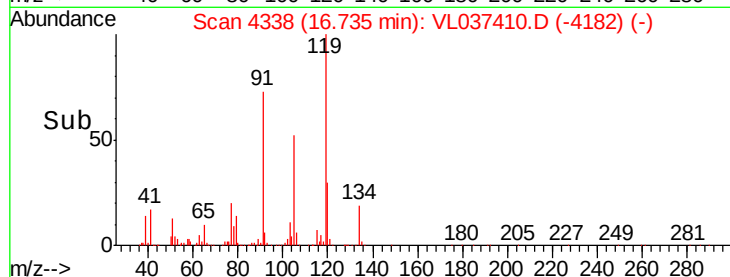
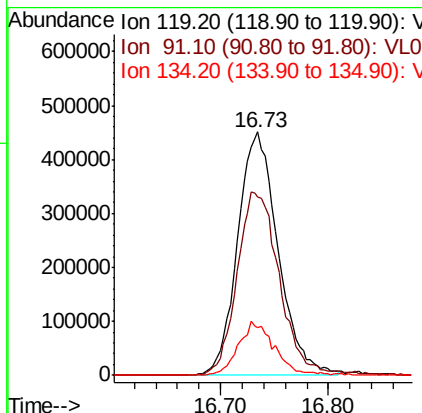
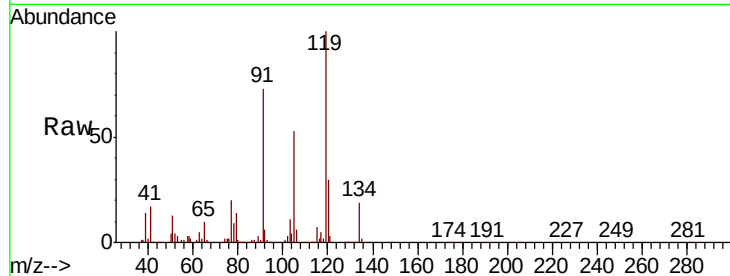
#65
tert-Butylbenzene
Concen: 2.265 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
119	100		
91	79.6	62.2	93.4
134	19.8	16.1	24.1

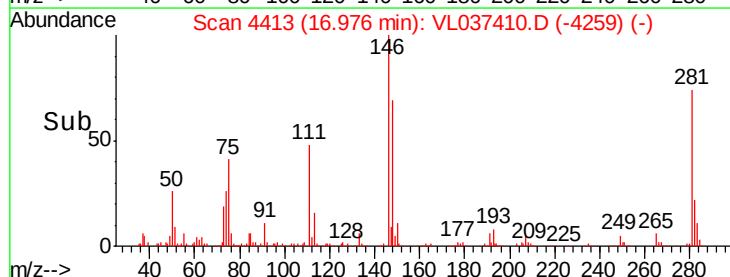
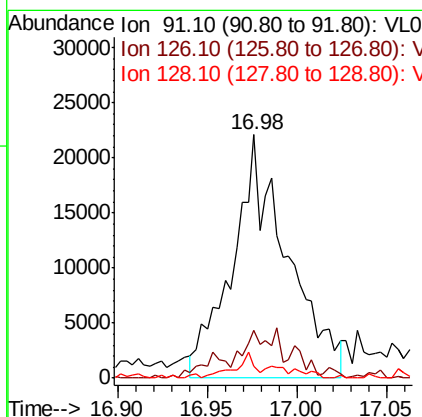
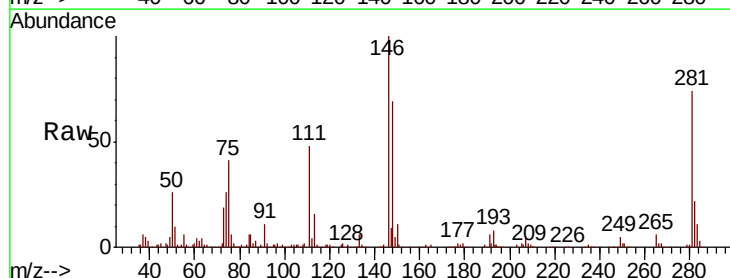
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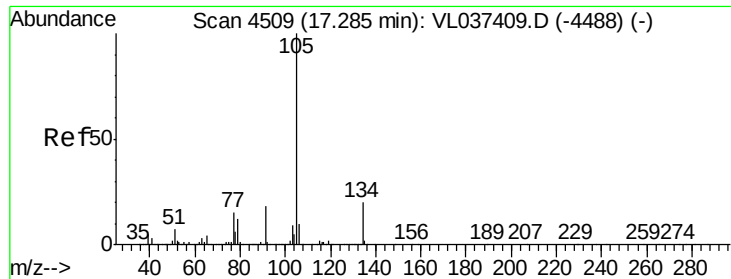
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#66
Benzyl Chloride
Concen: 2.122 ppbv m
RT: 16.98 min Scan# 4413
Delta R.T. -0.01 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.3	21.5#
128	6.9	4.6	7.0





#67

sec-Butylbenzene

Concen: 2.275 ppbv

RT: 17.28 min Scan# 4509

Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 105 Resp: 1622039

Ion Ratio Lower Upper

105 100

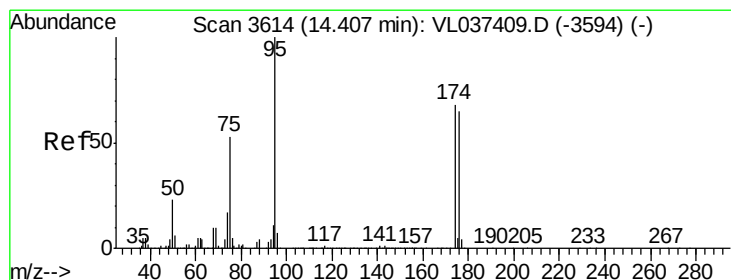
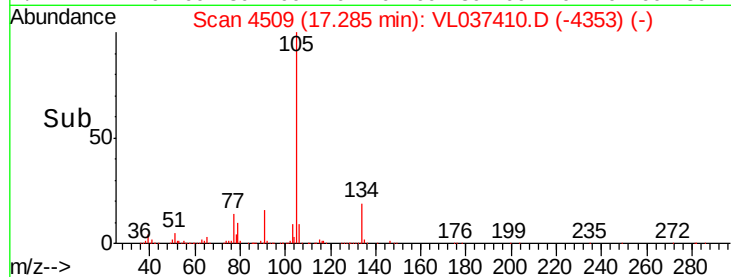
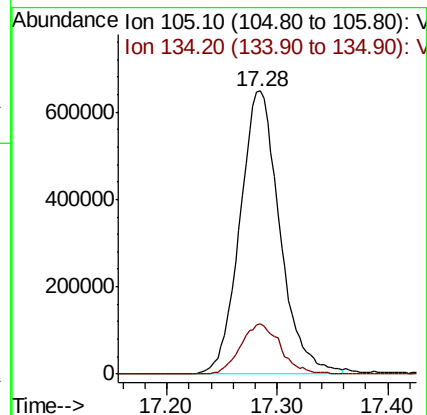
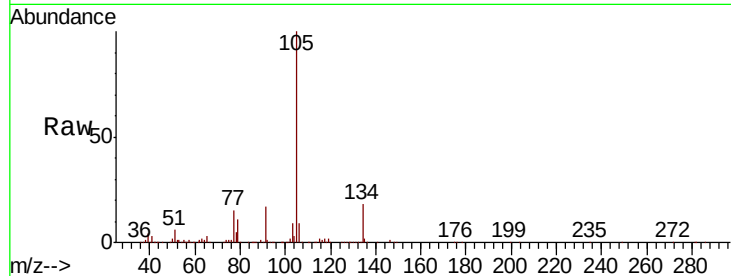
134 17.9 15.4 23.0

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.516 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

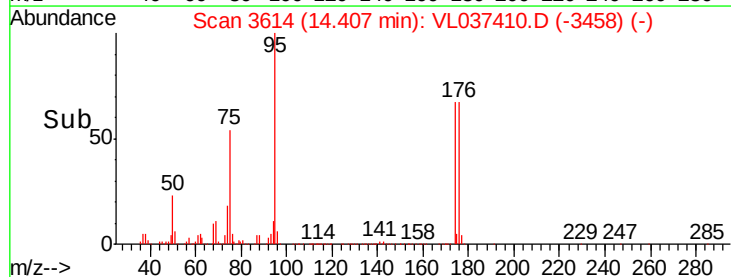
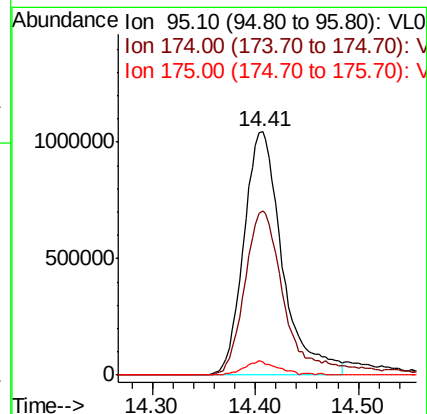
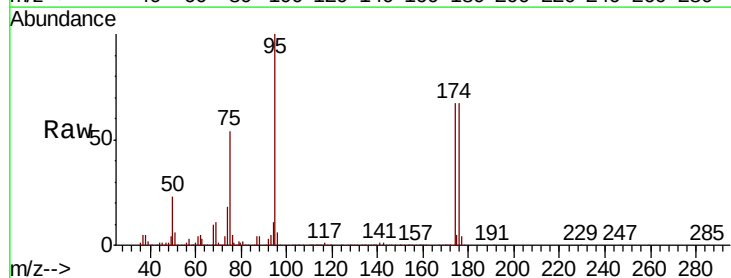
Tgt Ion: 95 Resp: 2719162

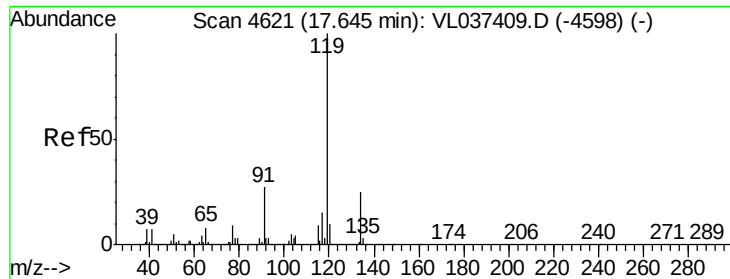
Ion Ratio Lower Upper

95 100

174 72.9 59.6 89.4

175 5.6 4.3 6.5





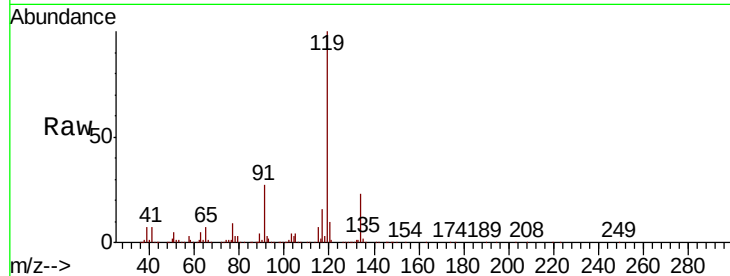
#69
 p-Isopropyltoluene
 Concen: 2.297 ppbv
 RT: 17.64 min Scan# 4620
 Delta R.T. -0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

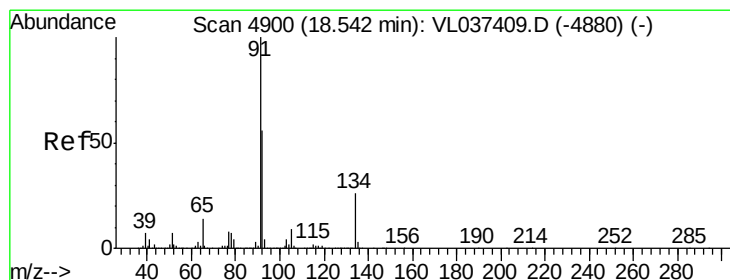
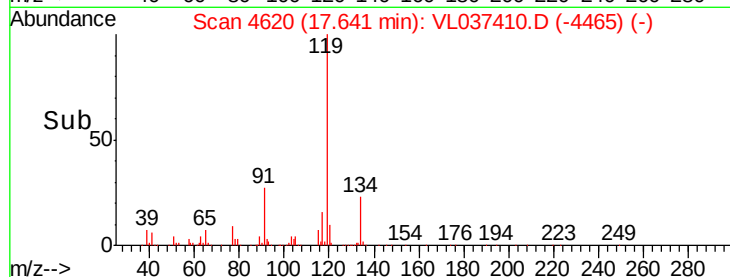
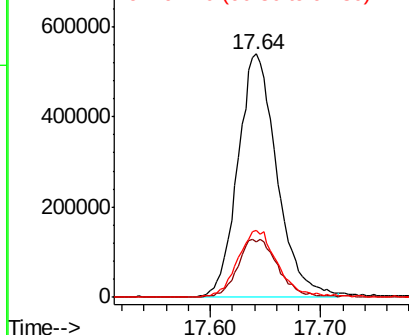
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.6	31.0
91	28.7	22.4	33.6

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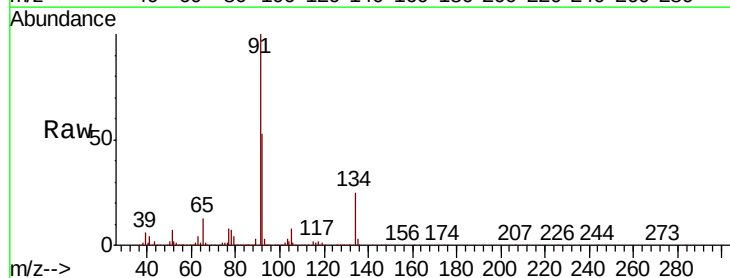


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

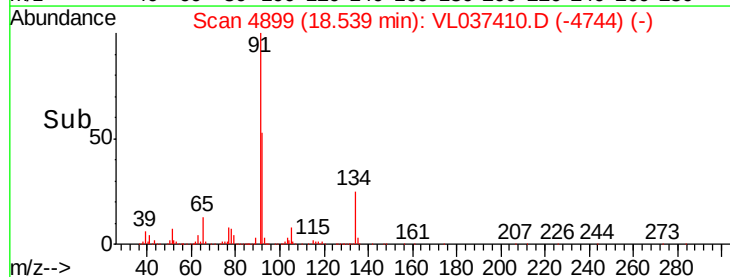
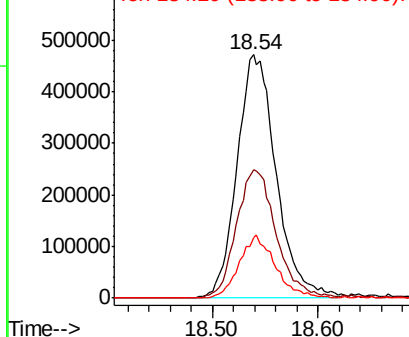


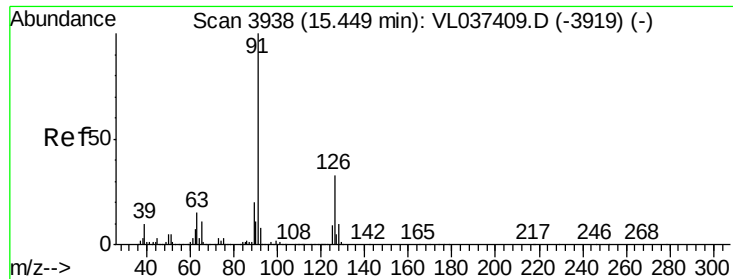
#70
 n-Butylbenzene
 Concen: 2.237 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. -0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	44.2	66.2
134	24.1	19.5	29.3



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 2.110 ppbv

RT: 15.44 min Scan# 3936

Delta R.T. -0.01 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 91 Resp: 885762

Ion Ratio Lower Upper

91 100

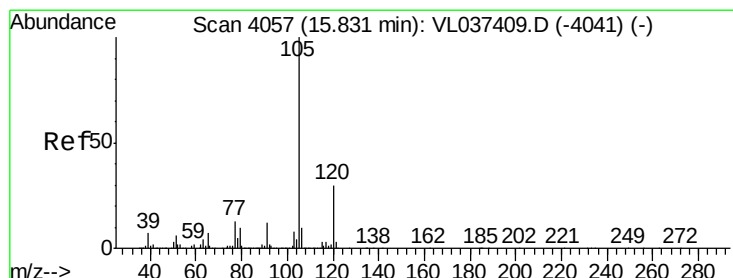
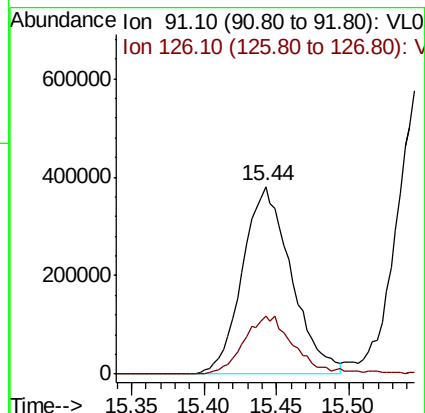
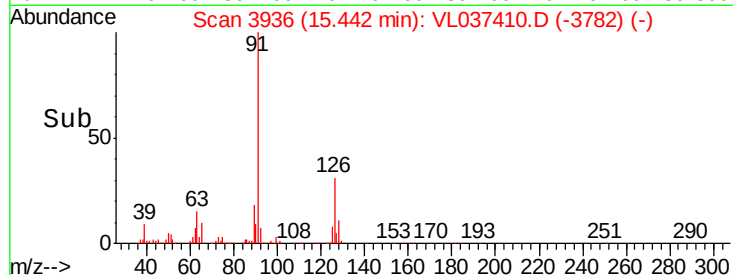
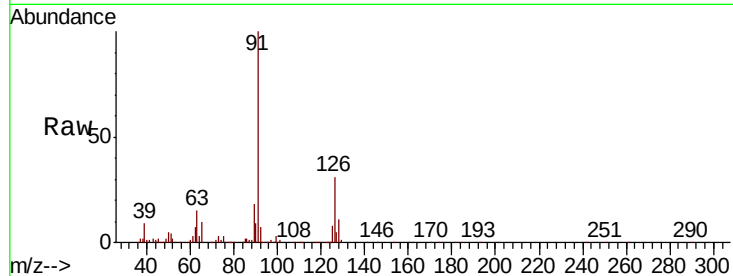
126 32.7 13.5 53.9

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#72

4-Ethyltoluene

Concen: 2.145 ppbv

RT: 15.83 min Scan# 4056

Delta R.T. -0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Tgt Ion: 105 Resp: 1024150

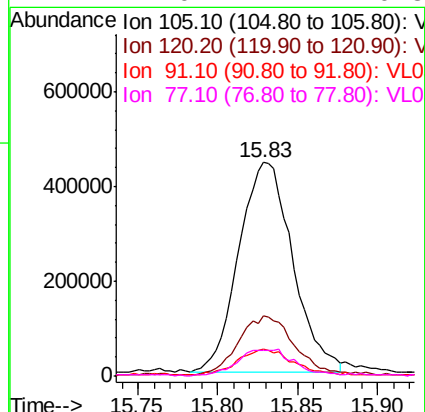
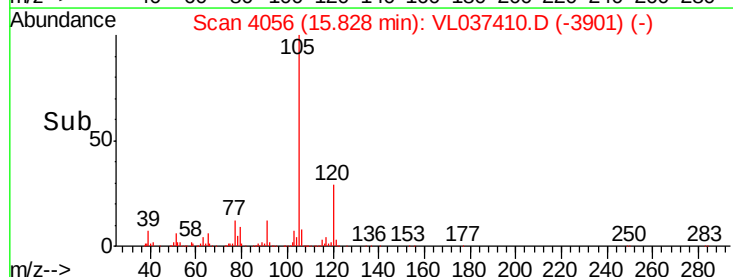
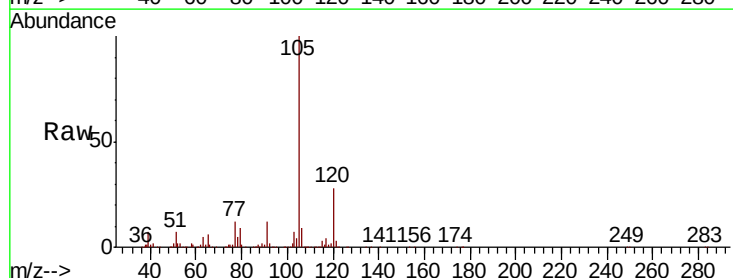
Ion Ratio Lower Upper

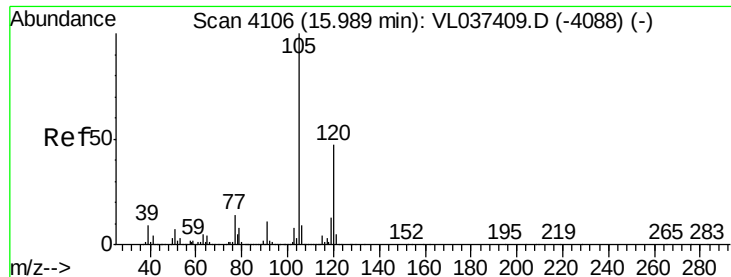
105 100

120 31.9 25.0 37.4

91 11.9 11.2 16.8

77 14.0 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 2.133 ppbv

RT: 15.99 min Scan# 4105

Delta R.T. -0.00 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion:105 Resp: 944791

Ion Ratio Lower Upper

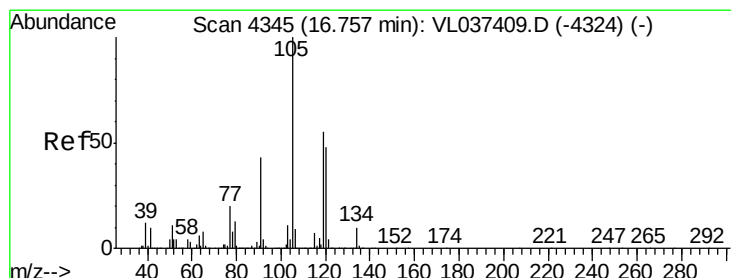
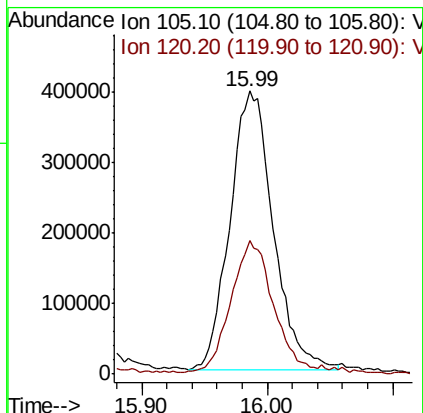
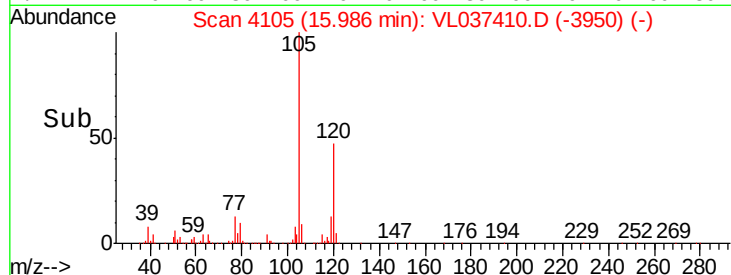
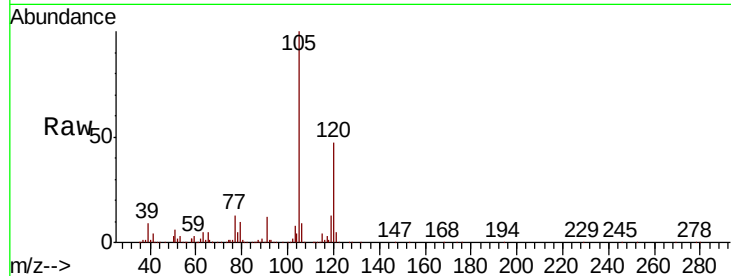
105 100

120 46.7 37.4 56.0

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#74

1,2,4-Trimethylbenzene

Concen: 2.267 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.01 min

Lab File: VL037410.D

Acq: 12 Aug 2021 11:41

Tgt Ion:105 Resp: 1019517

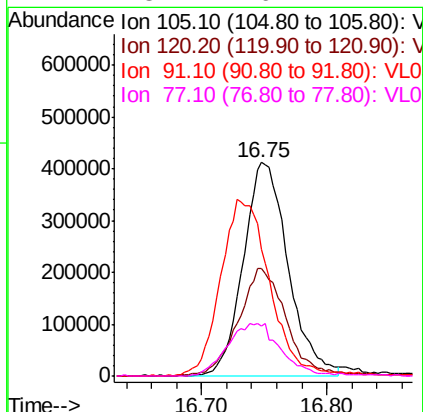
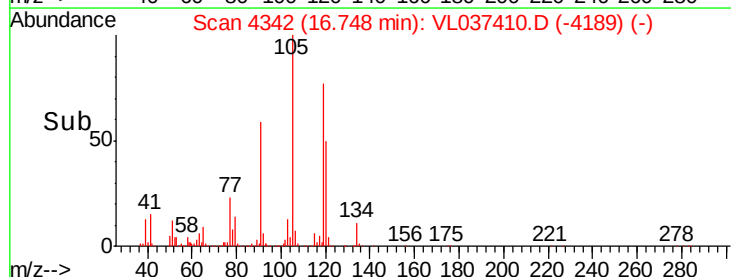
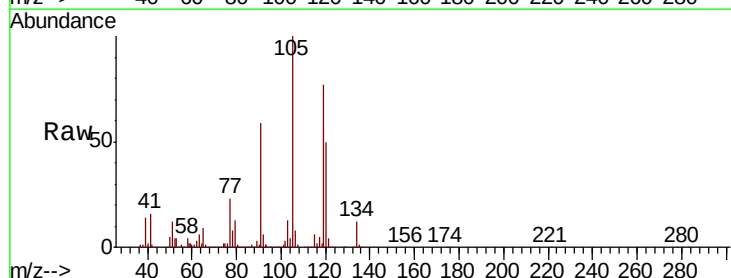
Ion Ratio Lower Upper

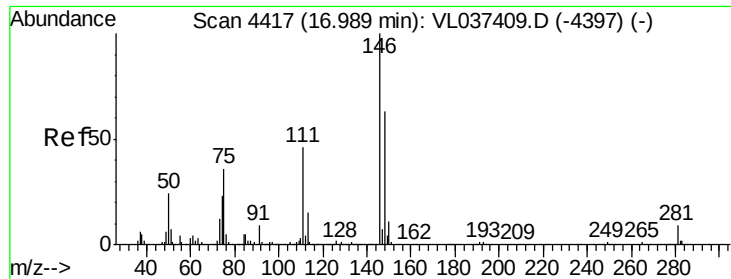
105 100

120 49.8 38.2 57.2

91 57.5 35.4 53.2#

77 23.2 16.2 24.2





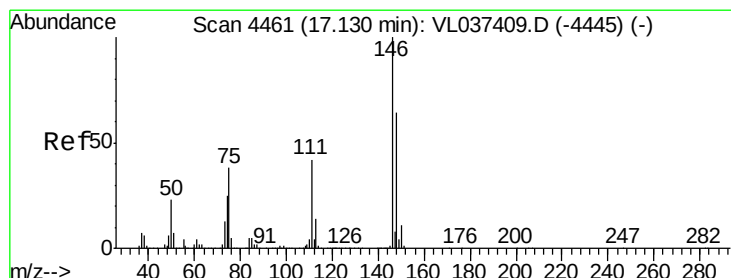
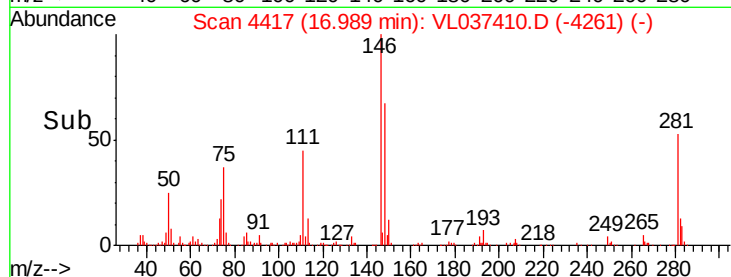
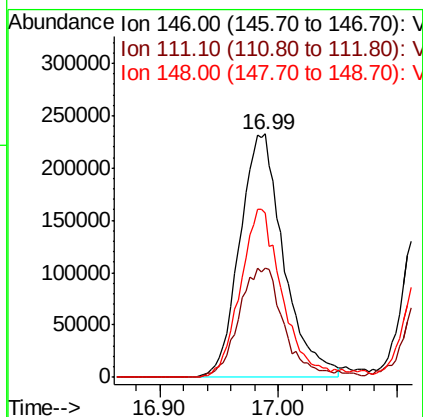
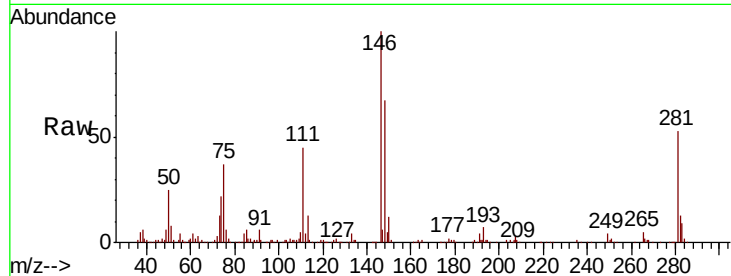
#75
 1,3-Dichlorobenzene
 Concen: 2.169 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.9	68.7
148	67.2	32.0	96.2

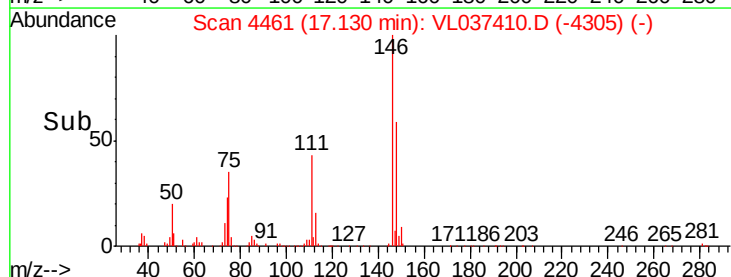
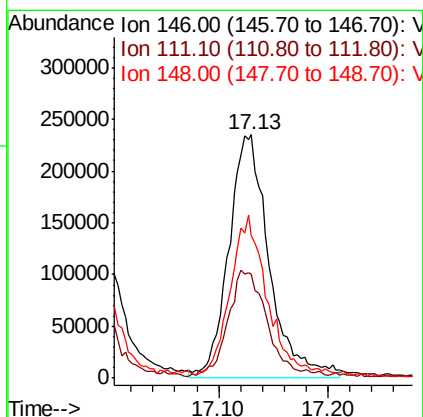
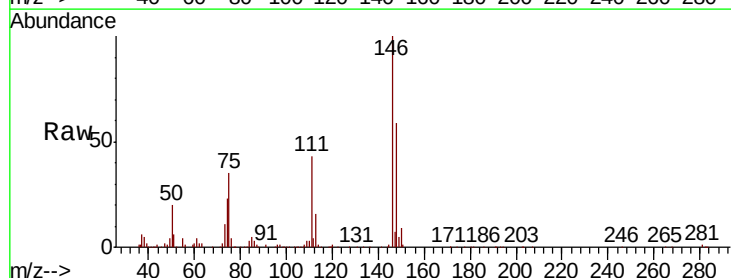
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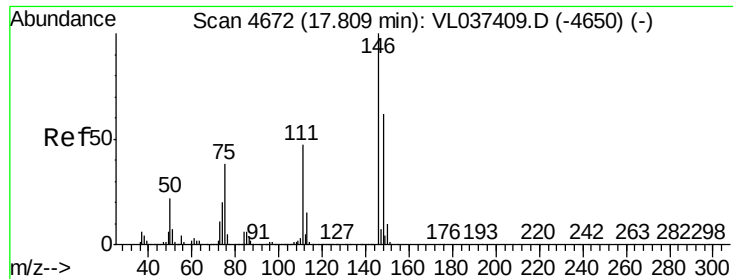
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#76
 1,4-Dichlorobenzene
 Concen: 2.258 ppbv m
 RT: 17.13 min Scan# 4461
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.8	68.4
148	64.4	34.0	102.0





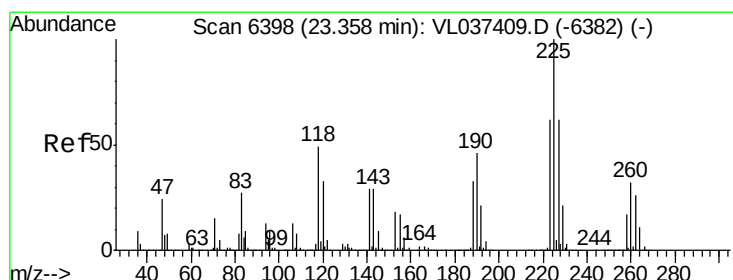
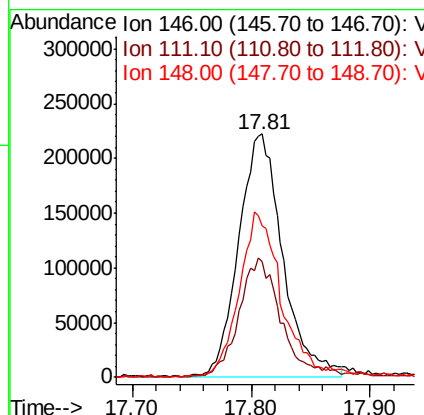
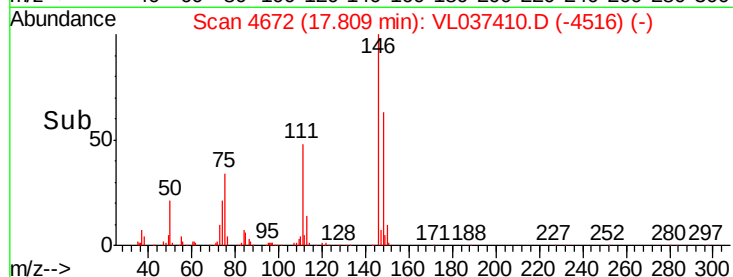
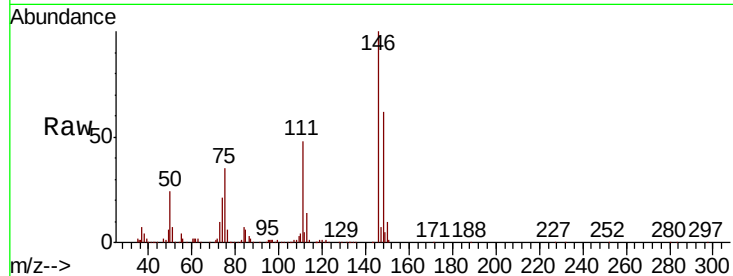
#77
 1,2-Dichlorobenzene
 Concen: 2.203 ppbv m
 RT: 17.81 min Scan# 4672
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion:	146	Resp:	580314
Ion Ratio	Lower	Upper	
146	100		
111	48.1	23.8	71.5
148	65.7	32.5	97.4

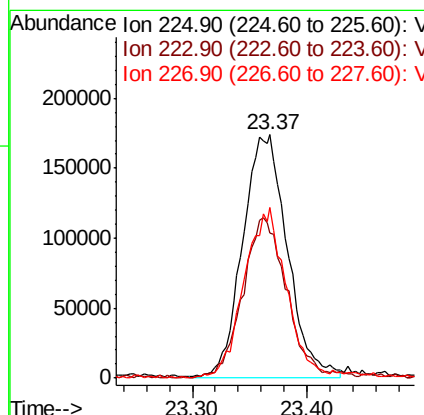
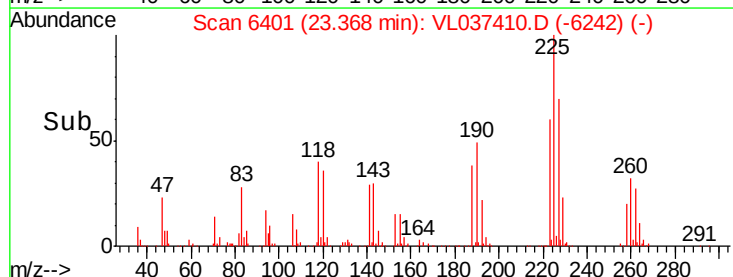
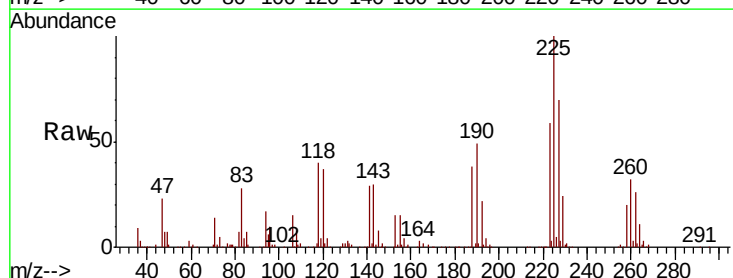
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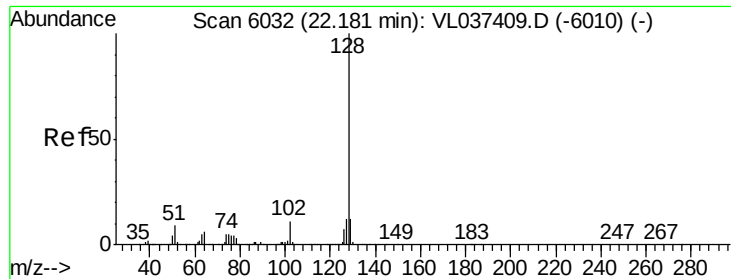
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#78
 Hexachloro-1,3-Butadiene
 Concen: 2.235 ppbv m
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.01 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Tgt Ion:	225	Resp:	471918
Ion Ratio	Lower	Upper	
225	100		
223	64.6	51.2	76.8
227	0.0	52.2	78.4#





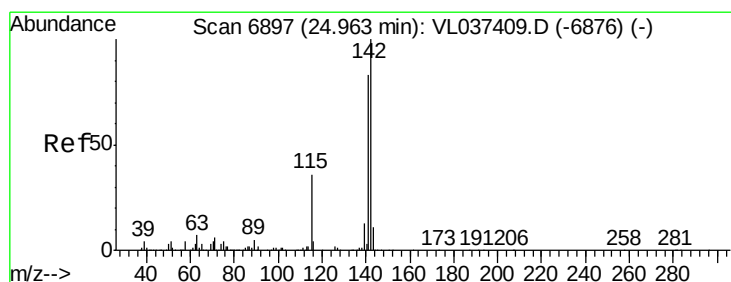
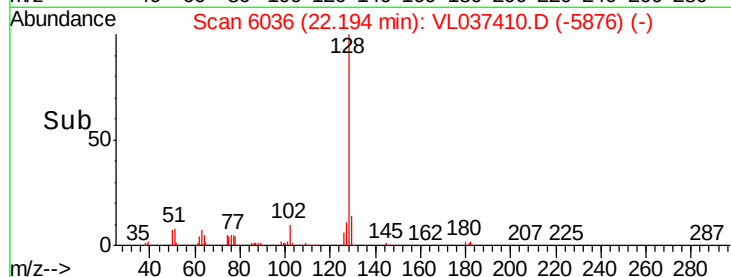
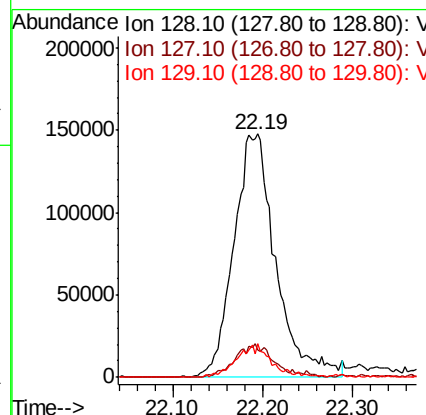
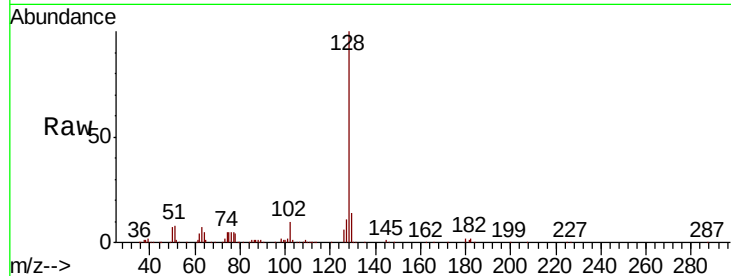
#79
Naphthalene
Concen: 1.961 ppbv m
RT: 22.19 min Scan# 6036
Delta R.T. 0.01 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Resp	Lower	Upper
128	100	480453		
127	11.0		9.9	14.9
129	13.9		9.4	14.0

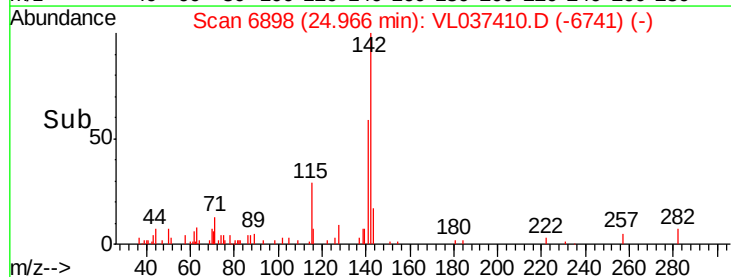
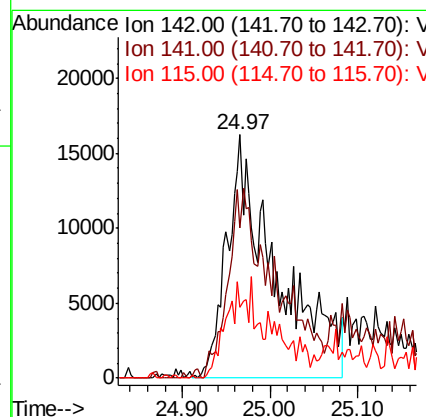
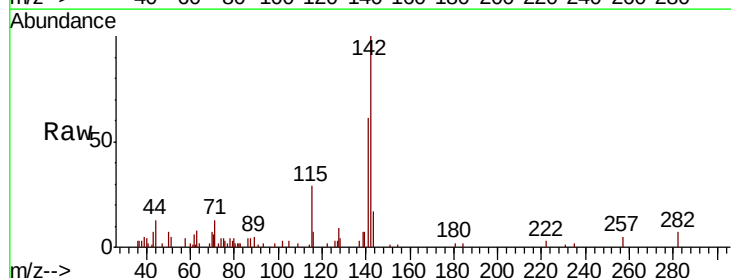
Manual Integrations
APPROVED

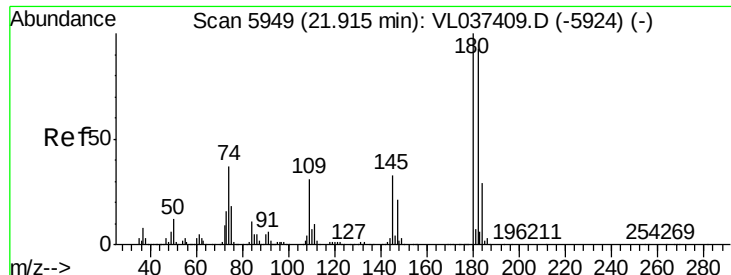
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#80
Naphthalene, 2-methyl-
Concen: 1.311 ppbv m
RT: 24.97 min Scan# 6898
Delta R.T. 0.00 min
Lab File: VL037410.D
Acq: 12 Aug 2021 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	63145		
141	76.4		68.7	103.1
115	35.3		32.7	49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 2.036 ppbv m
 RT: 21.92 min Scan# 5950
 Delta R.T. 0.00 min
 Lab File: VL037410.D
 Acq: 12 Aug 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.2	78.6	118.0
184	30.9	24.6	36.8

Manual Integrations
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