

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037411.D
 Acq On : 12 Aug 2021 12:18
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Manual Integrations
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apatel
 8/13/2021 11:06:45 AM

Quant Time: Aug 12 13:07:17 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	1299684	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4078497	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3612321	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2487881	9.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	236224	1.006	ppbv	98
3) Chlorodifluoromethane	2.99	51	278409	1.152	ppbv	98
4) Chloromethane	3.13	50	102316	1.150	ppbv	99
5) Vinyl Chloride	3.26	62	98517m	1.083	ppbv	
6) Bromomethane	3.47	94	57505m	1.154	ppbv	
7) Chloroethane	3.55	64	33630	1.080	ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	247303	1.207	ppbv	95
9) Propene	3.01	41	91969	1.118	ppbv	94
10) Heptane	8.12	43	209214	1.075	ppbv	94
11) Trichlorofluoromethane	3.95	101	237392	1.202	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.48	101	158965	1.131	ppbv	91
13) Ethanol	3.63	45	9139m	0.920	ppbv	
14) Bromoethene	3.74	108	67545	1.051	ppbv #	90
15) Acetone	3.86	43	148693	1.201	ppbv #	62
16) 1,3-Butadiene	3.32	39	99804m	1.147	ppbv	
17) tert-Butyl alcohol	4.31	59	147221m	1.329	ppbv	
18) 1,1-Dichloroethene	4.29	96	71755	1.127	ppbv	90
19) Isopropyl Alcohol	3.99	45	91053m	1.277	ppbv	
20) Methylene Chloride	4.34	84	78917	1.174	ppbv #	95
21) Allyl Chloride	4.41	41	115109	1.185	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	64206	1.067	ppbv	94
23) Vinyl Acetate	5.07	43	228962m	1.150	ppbv	
24) 1,1-Dichloroethane	5.01	63	181309	1.158	ppbv	97
25) Ethyl Acetate	5.68	43	352388	1.112	ppbv	98
26) Hexane	5.68	57	175682	1.094	ppbv	95
27) Carbon Disulfide	4.55	76	152452m	1.133	ppbv	
28) Methyl tert-Butyl Ether	5.04	73	201708	1.176	ppbv	100
29) Chloroform	5.74	83	244856	1.064	ppbv	97
30) Cyclohexane	7.13	84	151537	1.140	ppbv #	73
31) cis-1,2-Dichloroethene	5.55	61	147597	1.026	ppbv	95
32) 1,1,1-Trichloroethane	6.51	97	236024	1.057	ppbv	96
34) 2-Butanone	5.25	43	168177m	1.085	ppbv	
35) Carbon Tetrachloride	7.02	117	243279m	1.070	ppbv	
36) Benzene	6.89	78	357811	1.106	ppbv	99
37) 1,2-Dichloroethane	6.30	62	171815	1.038	ppbv	96
38) Trichloroethene	7.83	130	142400m	1.033	ppbv	
39) 1,2-Dichloropropane	7.61	63	133297	1.127	ppbv	97
40) 1,4-Dioxane	7.87	88	35742m	1.134	ppbv	
41) Tetrahydrofuran	6.07	42	79827m	1.096	ppbv	
42) Bromodichloromethane	7.79	83	243425	1.040	ppbv	98
43) Methyl Methacrylate	8.01	69	109767m	0.974	ppbv	

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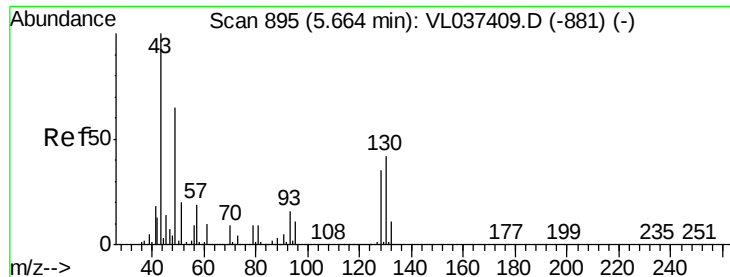
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	7.87	57	614627	1.138	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	71516	0.846	ppbv	93
46) cis-1,3-Dichloropropene	8.70	75	107950	0.944	ppbv #	84
47) 1,1,2-Trichloroethane	9.47	97	144611m	1.084	ppbv	
48) Dibromochloromethane	10.30	129	190018	0.966	ppbv	95
49) Bromoform	13.04	173	144051m	0.932	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	210999m	1.042	ppbv	
51) 2-Hexanone	10.17	43	93240m	1.039	ppbv	
52) Tetrachloroethene	11.22	164	139105m	1.054	ppbv	
53) Toluene	9.80	91	401787m	1.070	ppbv	
54) 1,2-Dibromoethane	10.60	107	187458	0.993	ppbv	91
56) 1,1,1,2-Tetrachloroethane	12.12	131	152613	1.093	ppbv #	1
57) Chlorobenzene	12.14	112	314412m	1.128	ppbv	
58) Ethyl Benzene	12.70	91	510595	1.059	ppbv	100
59) m/p-Xylene	12.98	91	926771m	2.233	ppbv	
60) o-Xylene	13.68	91	420618	1.093	ppbv	99
61) Styrene	13.52	104	193035	0.968	ppbv	98
62) Isopropylbenzene	14.66	105	608232	1.122	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	309083	1.062	ppbv	98
64) n-propylbenzene	15.55	120	152429m	1.108	ppbv	
65) tert-Butylbenzene	16.73	119	563173	1.152	ppbv	97
66) Benzyl Chloride	16.98	91	19598m	0.945	ppbv	
67) sec-Butylbenzene	17.28	105	747810	1.113	ppbv	99
69) p-Isopropyltoluene	17.64	119	622112m	1.146	ppbv	
70) n-Butylbenzene	18.55	91	552359	1.083	ppbv	97
71) 2-Chlorotoluene	15.44	91	426178	1.077	ppbv	98
72) 4-Ethyltoluene	15.83	105	481773	1.070	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	476828m	1.142	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	456070	1.076	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	291504m	1.131	ppbv	
76) 1,4-Dichlorobenzene	17.13	146	277572m	1.097	ppbv	
77) 1,2-Dichlorobenzene	17.81	146	277389m	1.117	ppbv	
78) Hexachloro-1,3-Butadiene	23.36	225	237422m	1.193	ppbv	
79) Naphthalene	22.19	128	186915m	0.809	ppbv	
80) Naphthalene, 2-methyl-	25.02	142	22544m	0.496	ppbv	
81) 1,2,4-Trichlorobenzene	21.91	180	144171m	0.910	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 49 Resp: 1299684

Ion Ratio Lower Upper

49 100

128 56.0 27.9 83.6

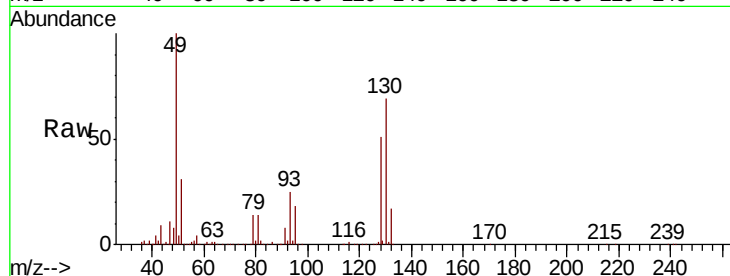
130 73.8 34.6 103.8

Manual Integrations

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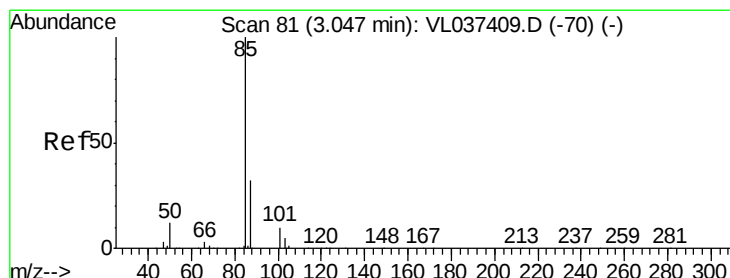
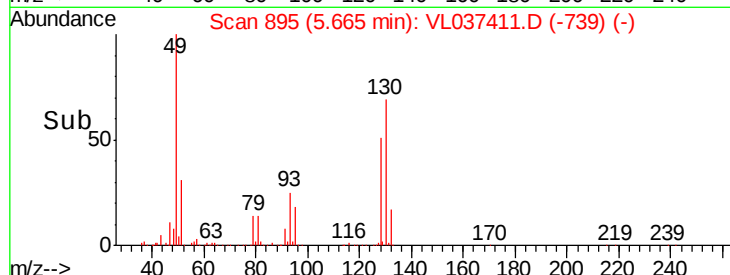
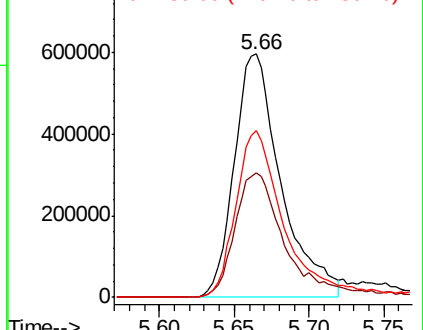
8/13/2021 11:06:45 AM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 1.006 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL037411.D

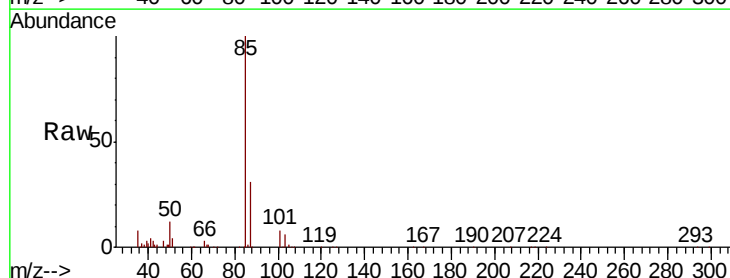
Acq: 12 Aug 2021 12:18

Tgt Ion: 85 Resp: 236224

Ion Ratio Lower Upper

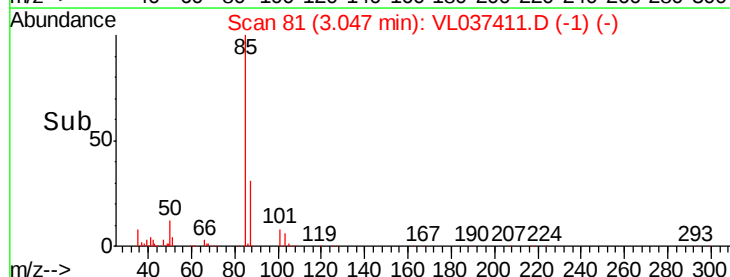
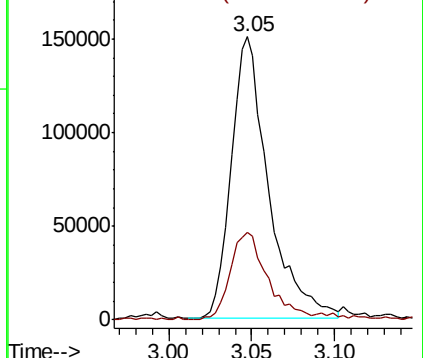
85 100

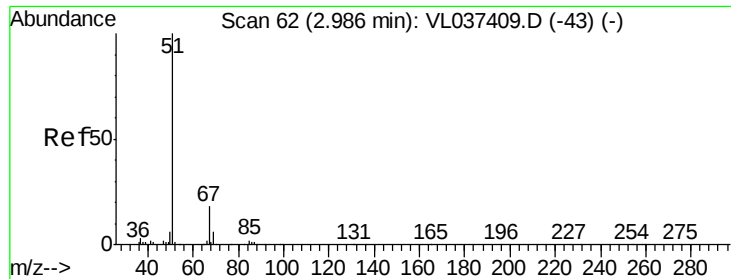
87 30.9 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.152 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 51 Resp: 278409

Ion Ratio Lower Upper

51 100

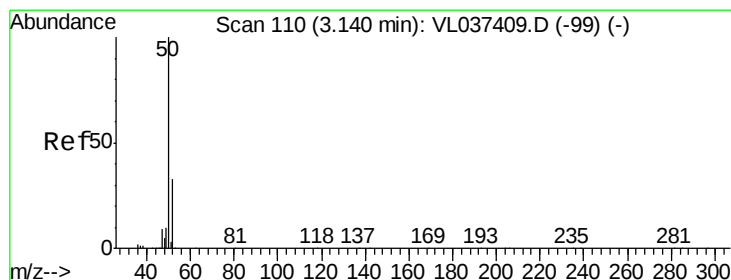
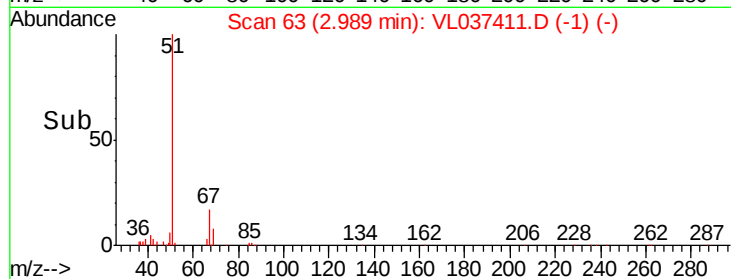
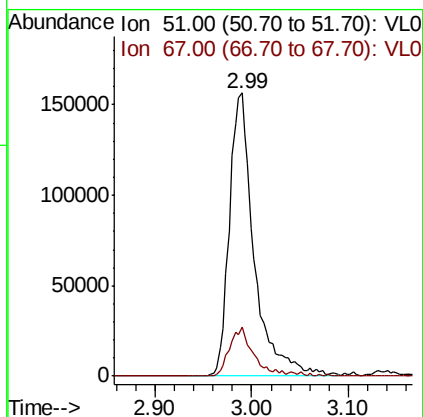
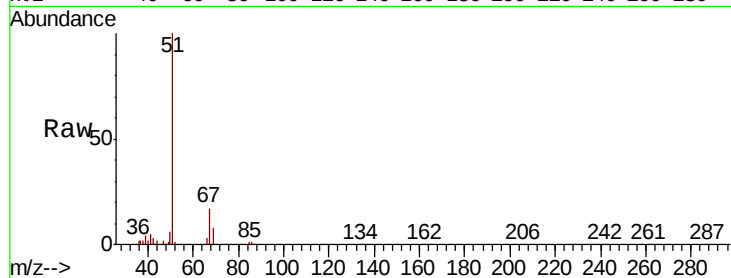
67 17.6 14.7 22.1

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#4

Chloromethane

Concen: 1.150 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL037411.D

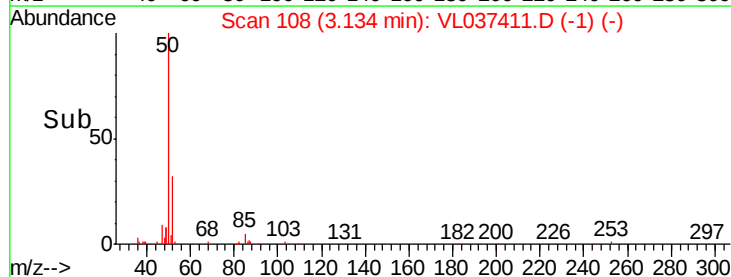
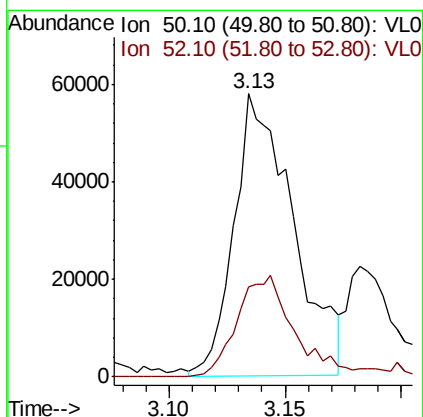
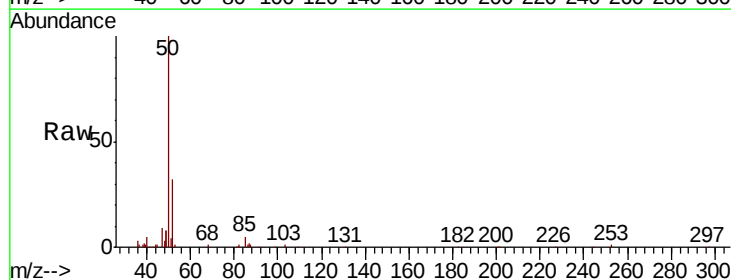
Acq: 12 Aug 2021 12:18

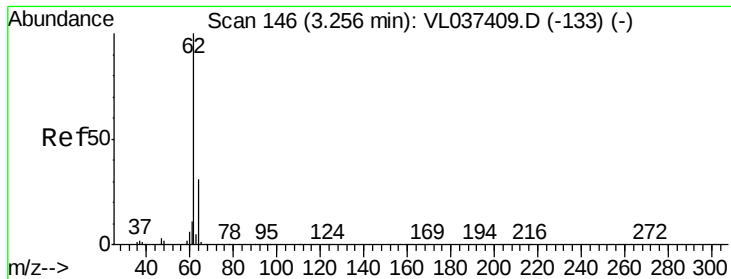
Tgt Ion: 50 Resp: 102316

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.4





#5

Vinyl Chloride

Concen: 1.083 ppbv m

RT: 3.26 min Scan# 147

Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 98517

Ion Ratio Lower Upper

62 100

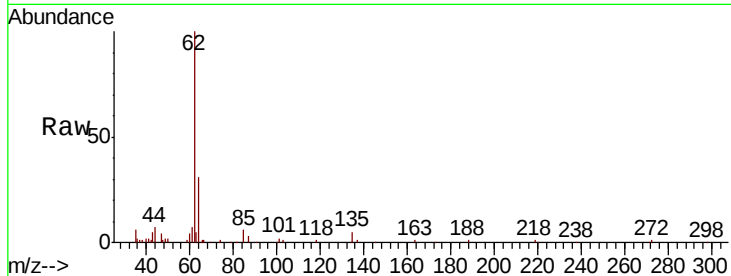
64 31.4 25.0 37.6

Manual Integrations

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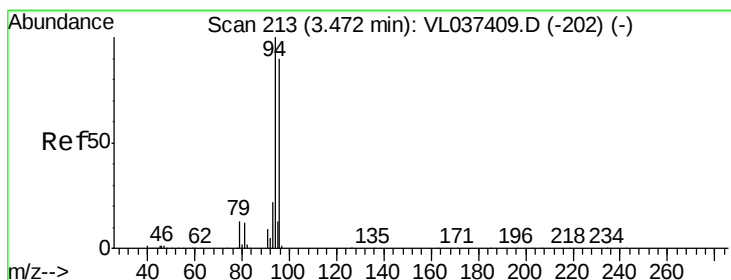
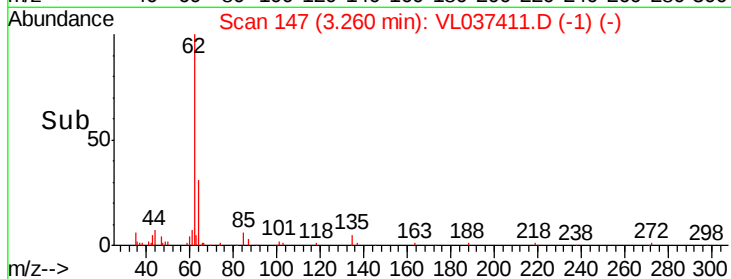
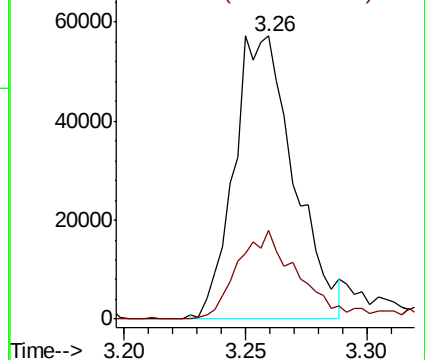
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 1.154 ppbv m

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL037411.D

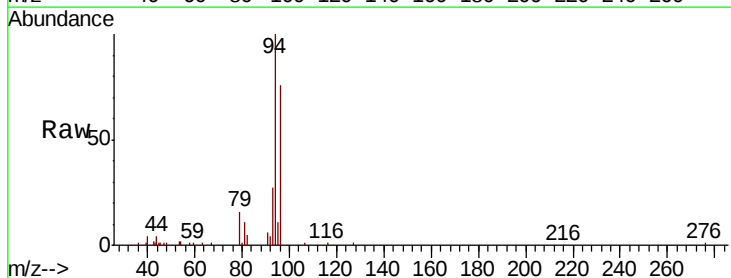
Acq: 12 Aug 2021 12:18

Tgt Ion: 94 Resp: 57505

Ion Ratio Lower Upper

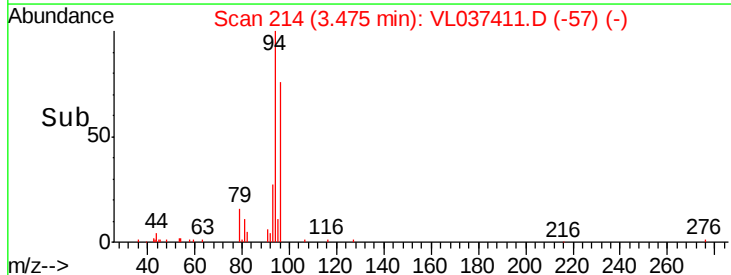
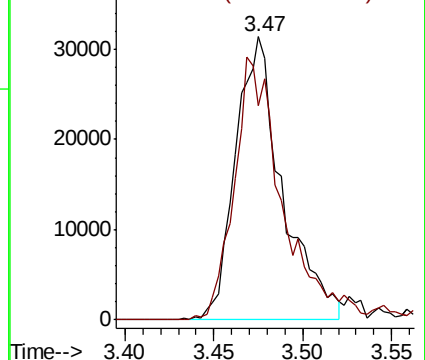
94 100

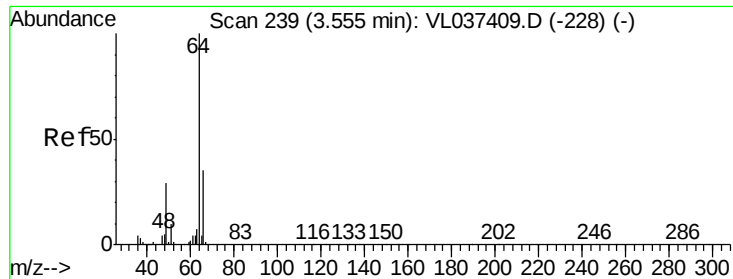
96 75.8 72.2 108.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 1.080 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 33630

Ion Ratio Lower Upper

64 100

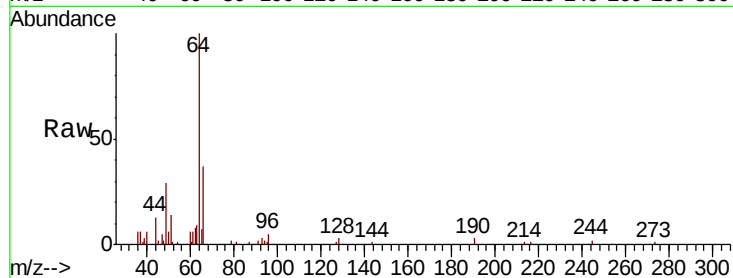
66 37.4 27.8 41.8

Manual Integrations

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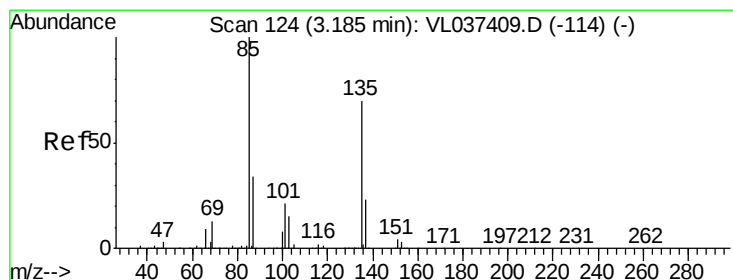
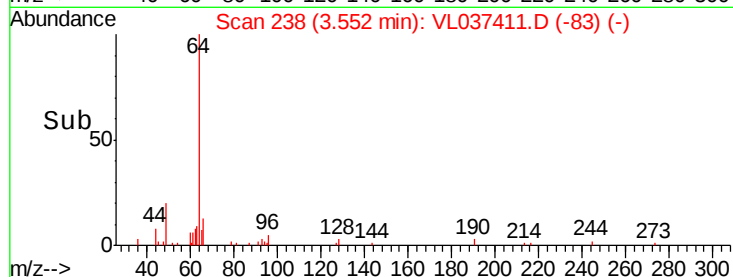
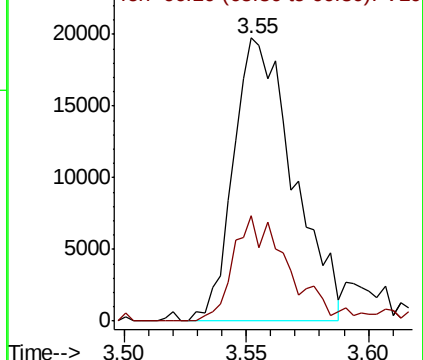
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 1.207 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL037411.D

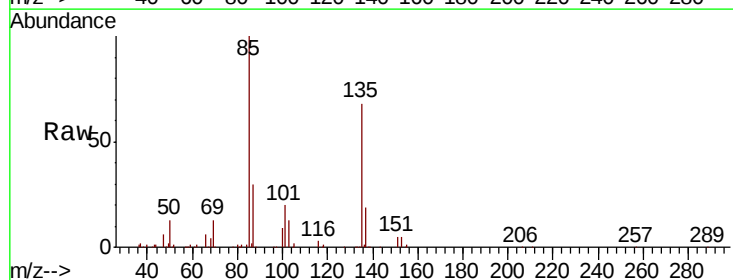
Acq: 12 Aug 2021 12:18

Tgt Ion: 85 Resp: 247303

Ion Ratio Lower Upper

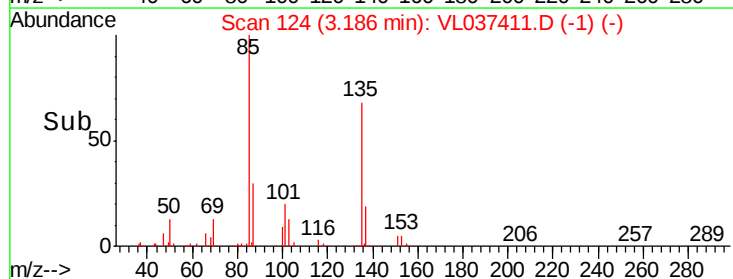
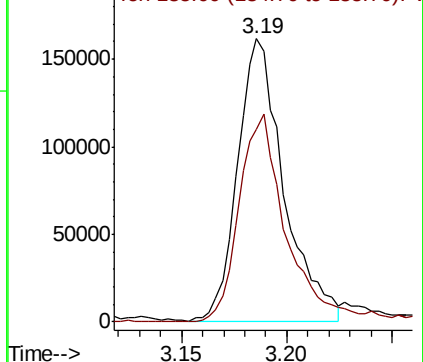
85 100

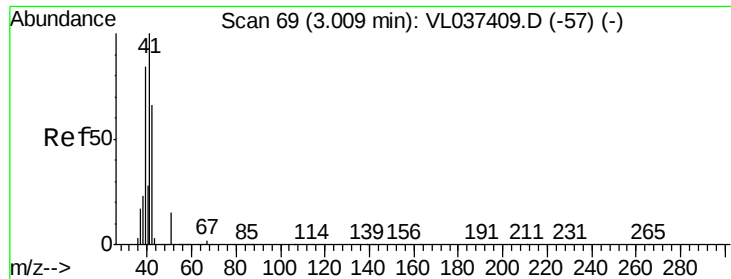
135 77.8 58.6 88.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





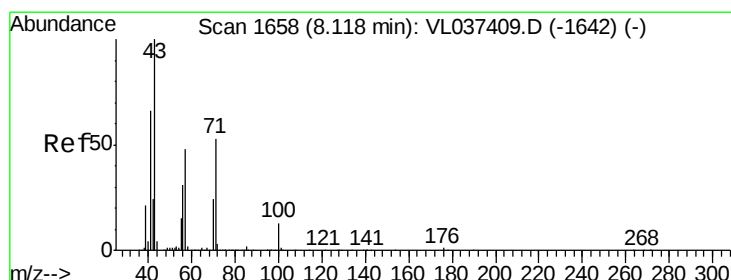
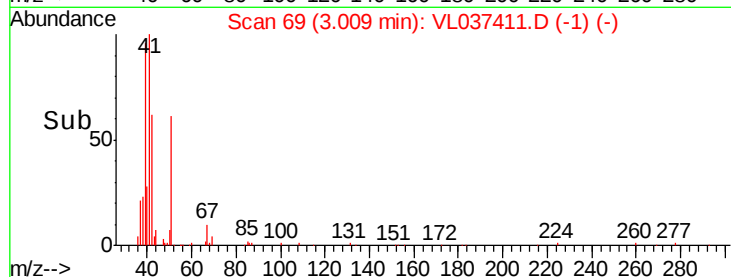
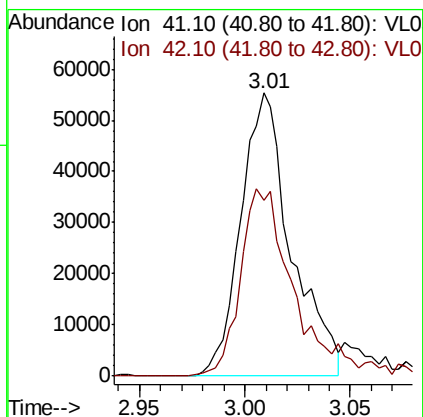
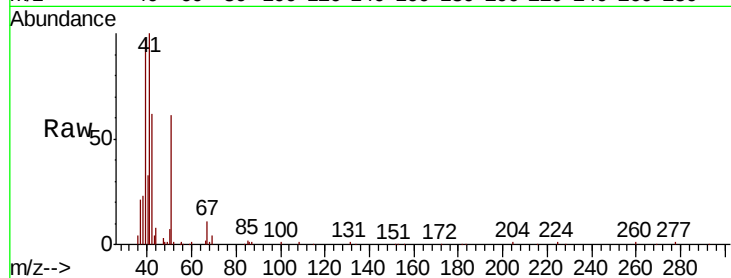
#9
 Propene
 Concen: 1.118 ppbv
 RT: 3.01 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion: 41 Resp: 91969
 Ion Ratio Lower Upper
 41 100
 42 72.4 53.8 80.8

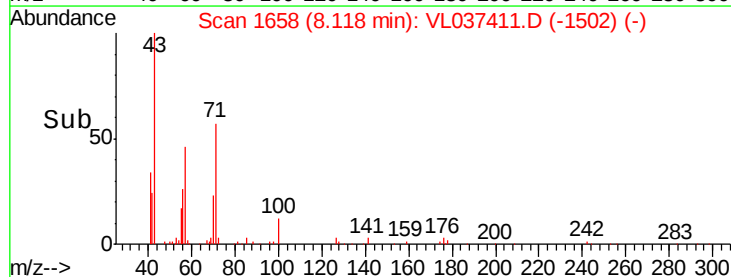
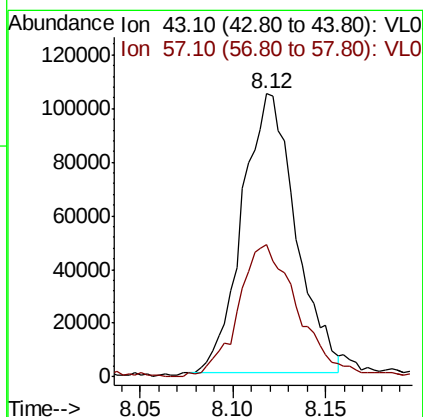
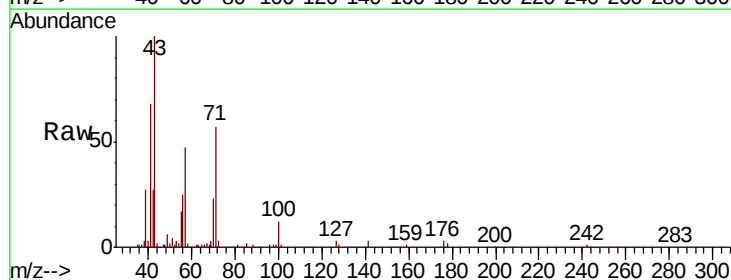
Manual Integrations
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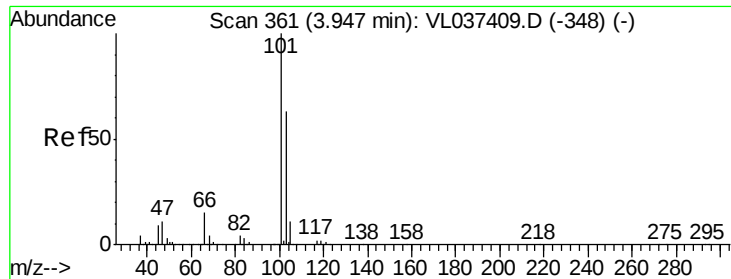
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#10
 Heptane
 Concen: 1.075 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion: 43 Resp: 209214
 Ion Ratio Lower Upper
 43 100
 57 54.2 40.3 60.5





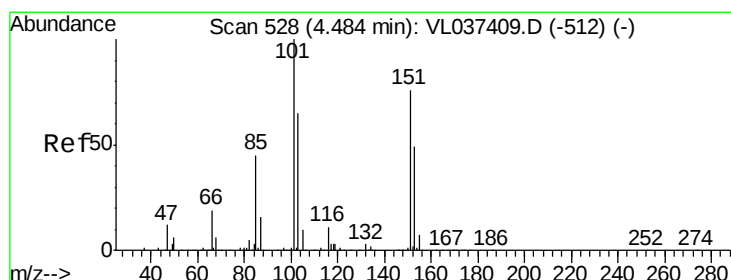
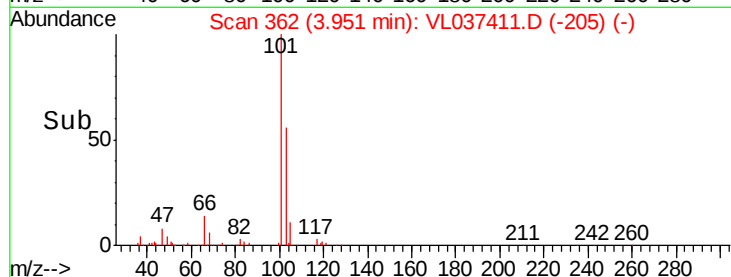
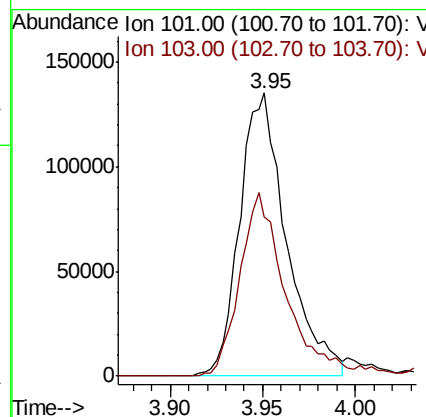
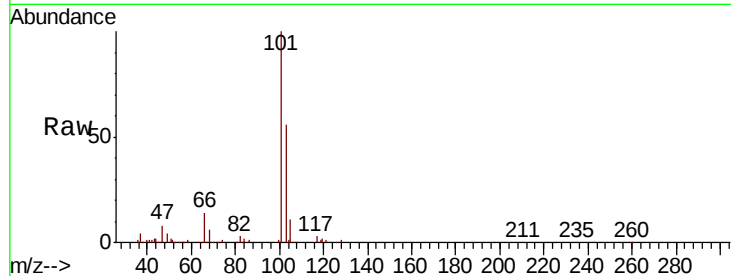
#11
 Trichlorofluoromethane
 Concen: 1.202 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	56.0	50.2	75.4

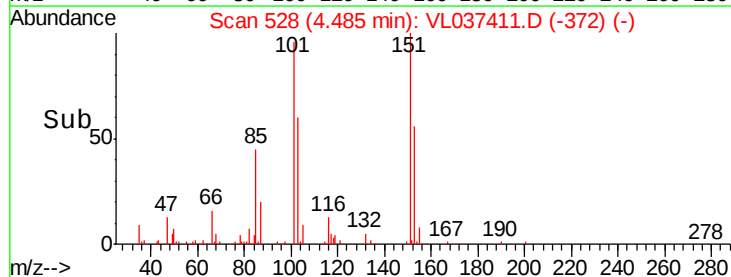
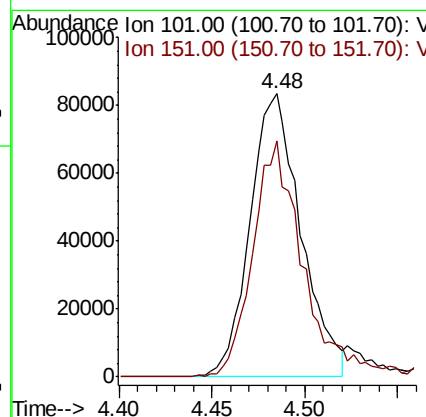
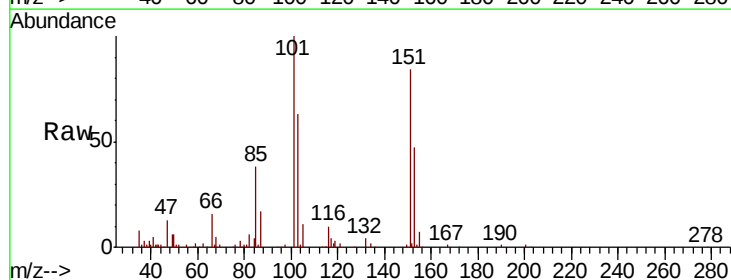
Manual Integrations
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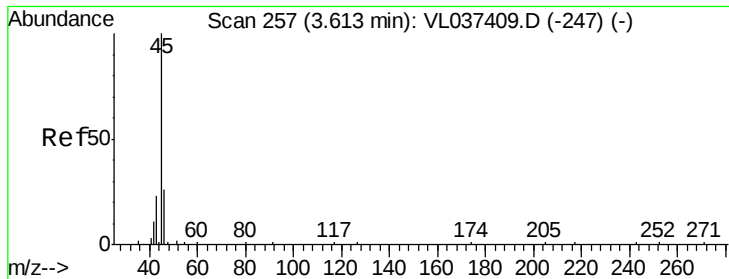
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.131 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
101	100		
151	84.4	61.2	91.8





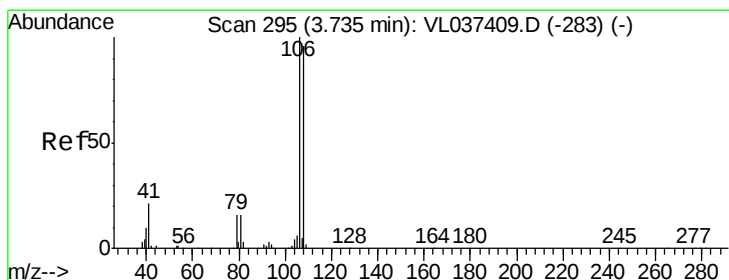
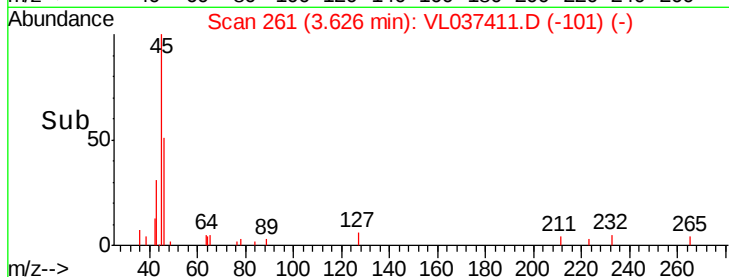
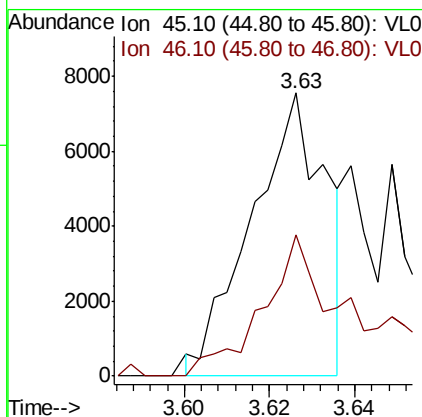
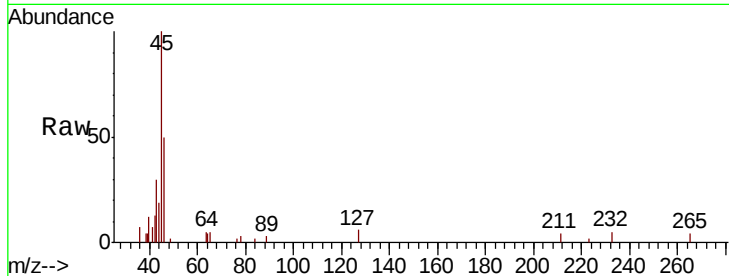
#13
Ethanol
Concen: 0.920 ppbv m
RT: 3.63 min Scan# 261
Delta R.T. 0.01 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 45 Resp: 9139
Ion Ratio Lower Upper
45 100
46 63.2 18.0 72.2

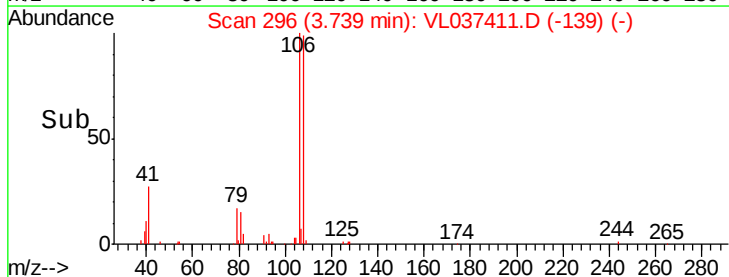
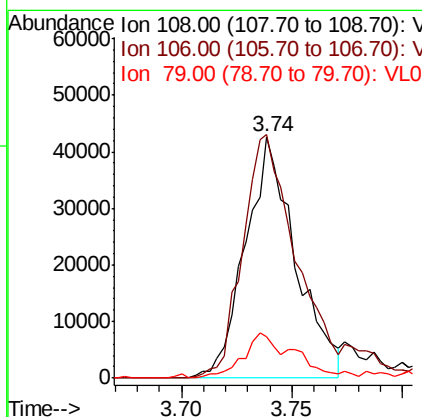
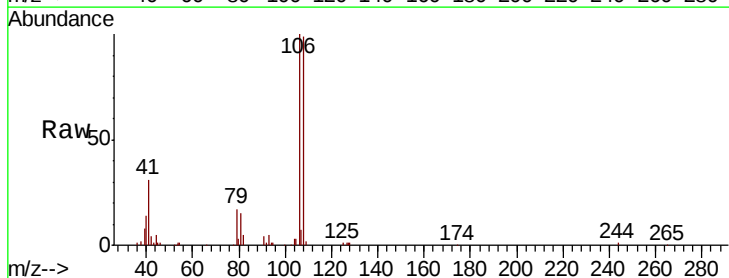
Manual Integrations
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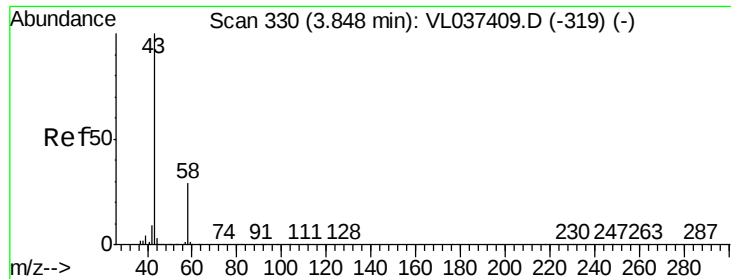
apatel
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#14
Bromoethene
Concen: 1.051 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion: 108 Resp: 67545
Ion Ratio Lower Upper
108 100
106 119.5 87.5 131.3
79 21.8 13.5 20.3#





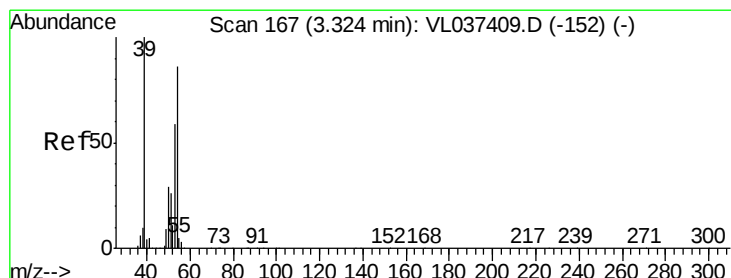
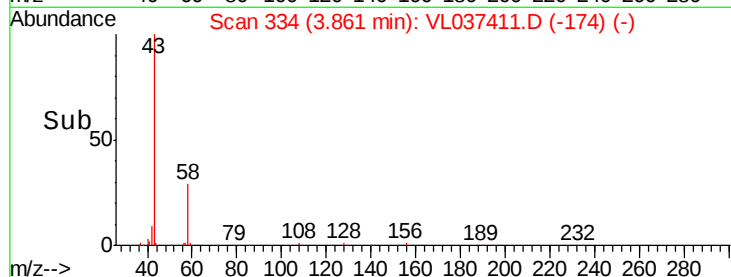
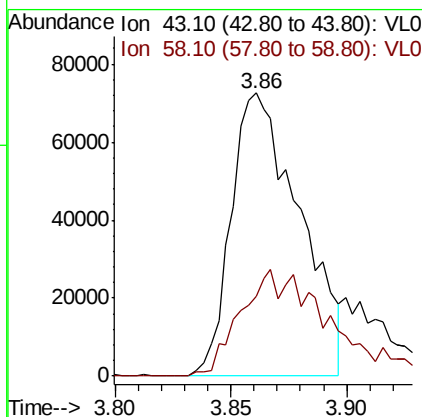
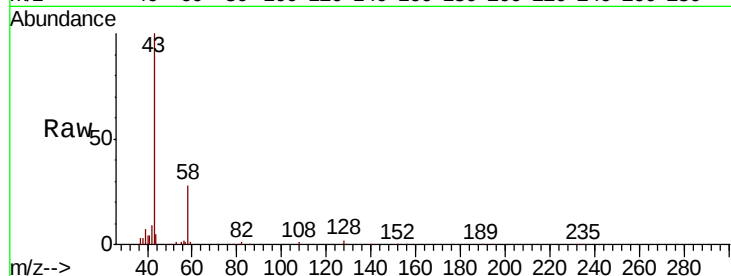
#15
Acetone
Concen: 1.201 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	43	Resp	148693
Ion Ratio	Lower	Upper	
43	100		
58	51.4	24.4	36.6#

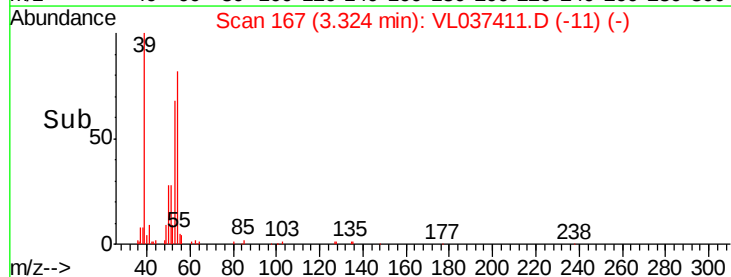
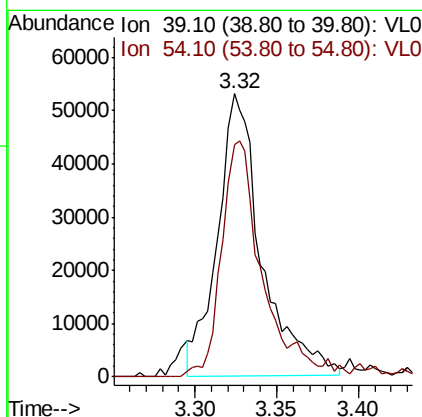
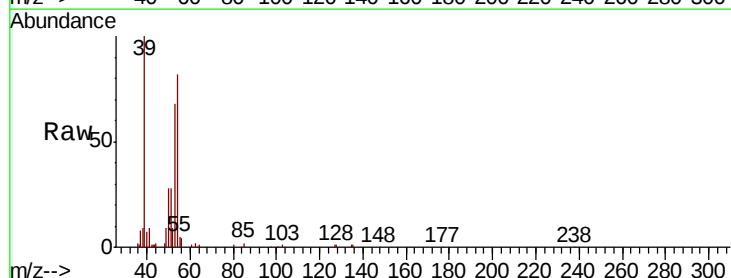
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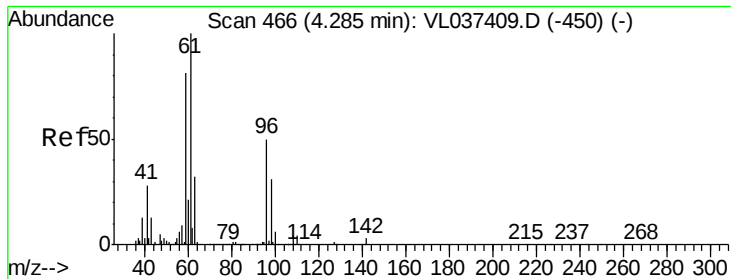
apatel
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#16
1,3-Butadiene
Concen: 1.147 ppbv m
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	39	Resp	99804
Ion Ratio	Lower	Upper	
39	100		
54	80.3	61.4	92.0





#17

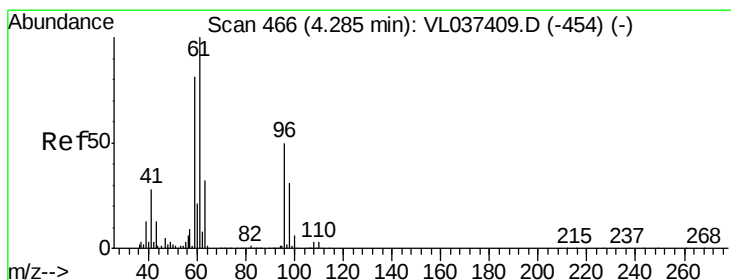
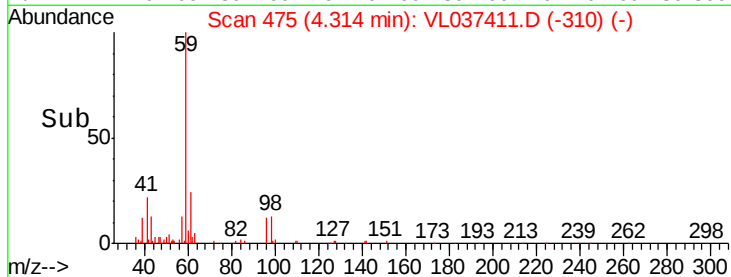
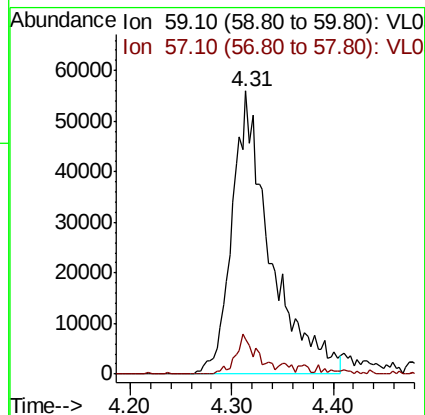
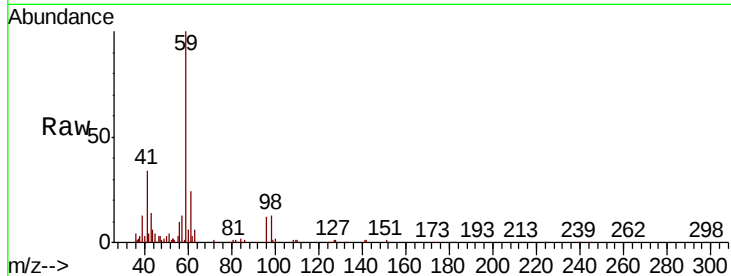
tert-Butyl alcohol
Concen: 1.329 ppbv m
RT: 4.31 min Scan# 475
Delta R.T. 0.03 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	59	Resp	147221
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

Manual Integrations
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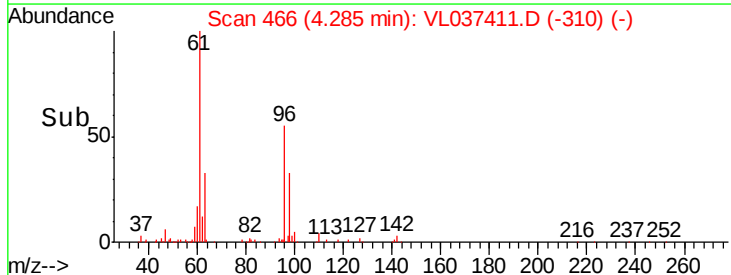
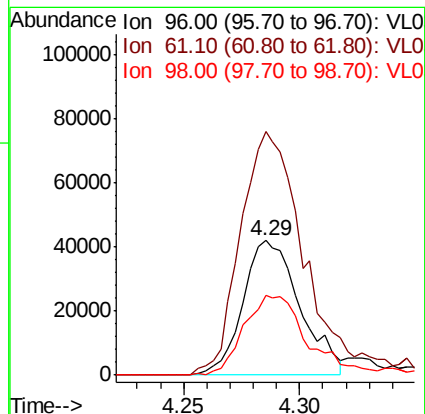
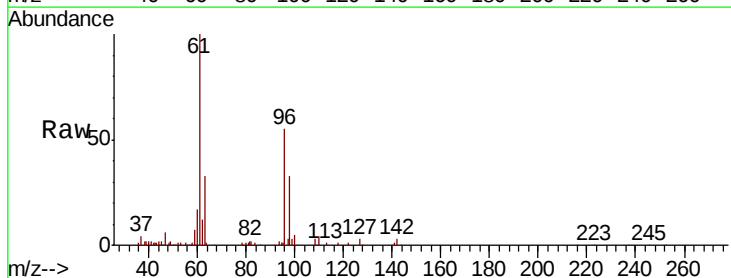
apatel
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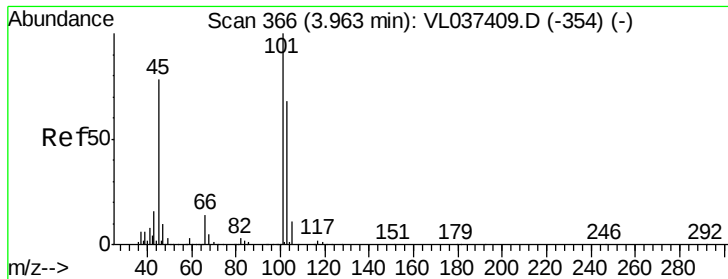


#18

1,1-Dichloroethene
Concen: 1.127 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	96	Resp	71755
Ion	Ratio	Lower	Upper
96	100		
61	181.1	159.0	238.4
98	59.8	49.4	74.2





#19

Isopropyl Alcohol

Concen: 1.277 ppbv m

RT: 3.99 min Scan# 374

Delta R.T. 0.03 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 45 Resp: 91053

Ion Ratio Lower Upper

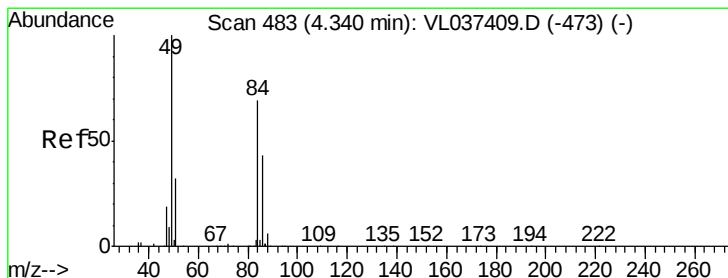
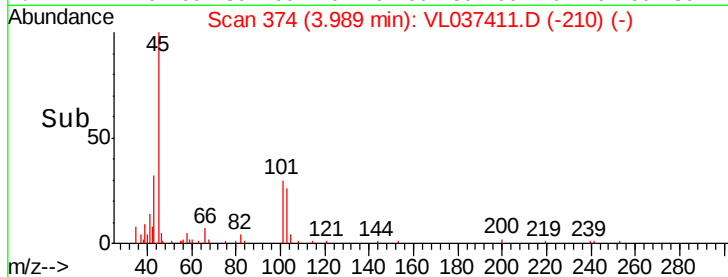
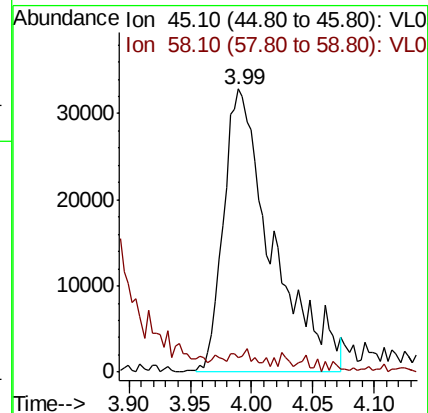
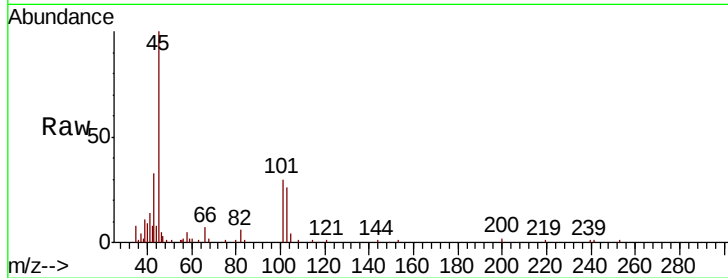
45 100

58 5.5 2.2 3.4#

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#20

Methylene Chloride

Concen: 1.174 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Tgt Ion: 84 Resp: 78917

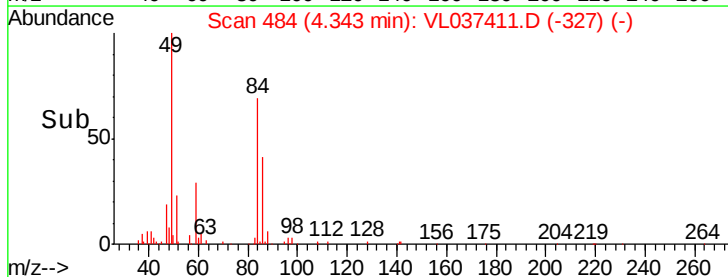
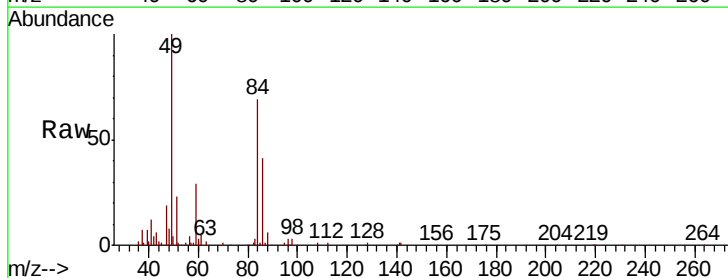
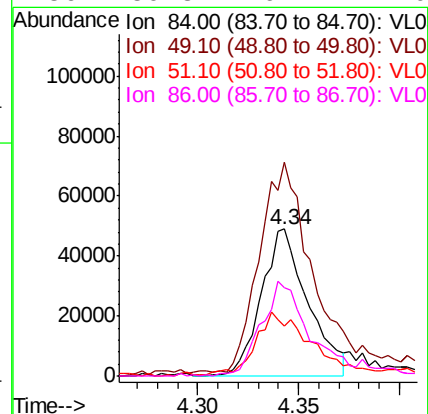
Ion Ratio Lower Upper

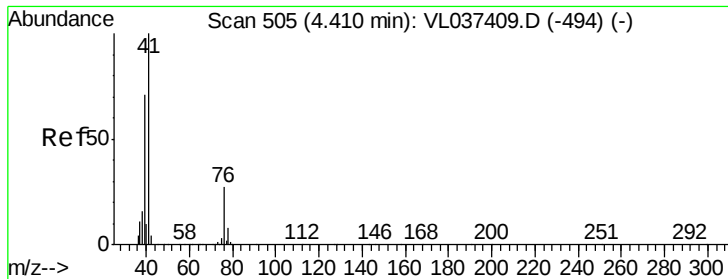
84 100

49 143.1 116.0 174.0

51 32.5 37.1 55.7#

86 59.3 49.4 74.0





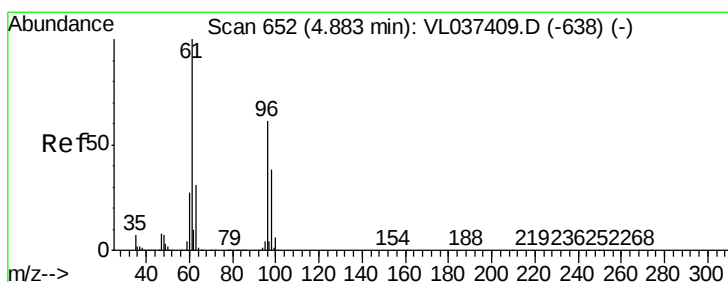
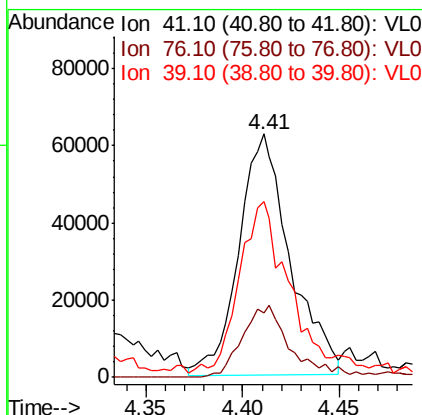
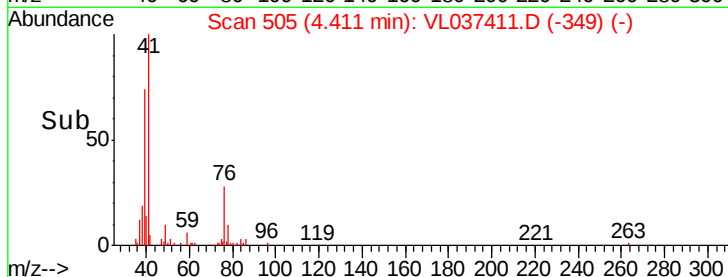
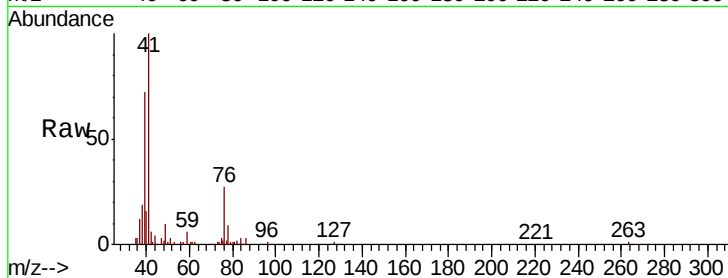
#21
Allvl Chloride
Concen: 1.185 ppbv
RT: 4.41 min Scan# 505
Delta R.T. 0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
76	29.7	23.7	35.5
39	71.5	62.3	93.5

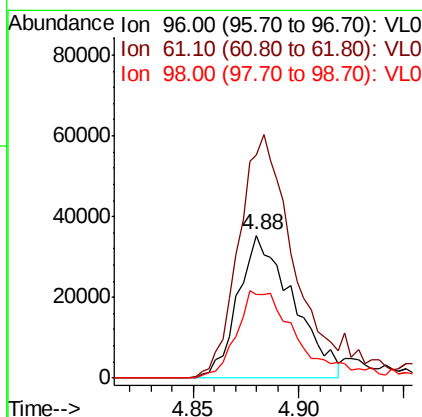
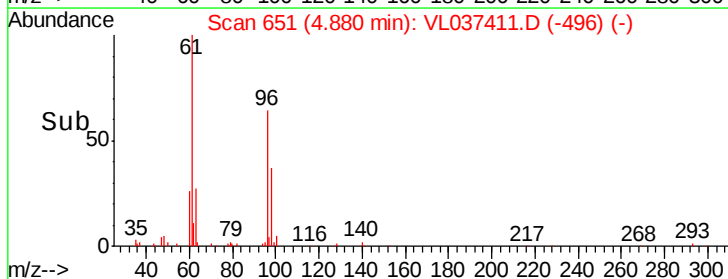
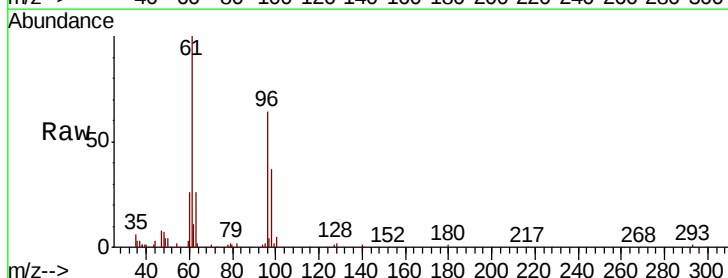
Manual Integrations
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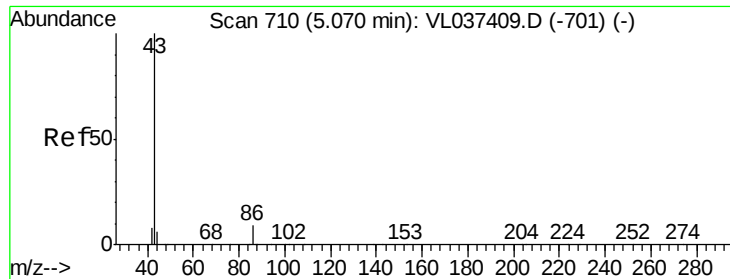
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#22
trans-1,2-Dichloroethene
Concen: 1.067 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.8	131.0	196.4
98	58.1	50.2	75.4





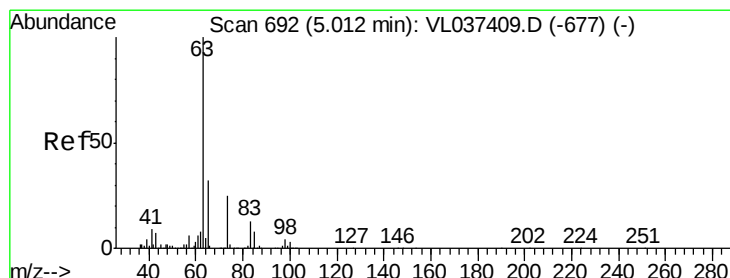
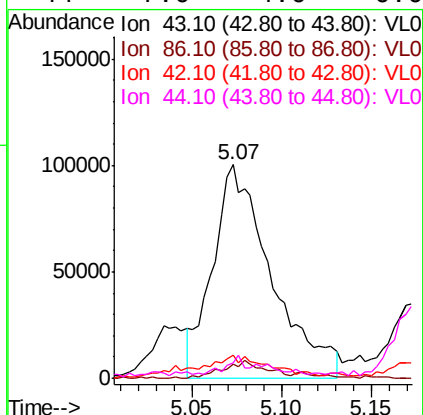
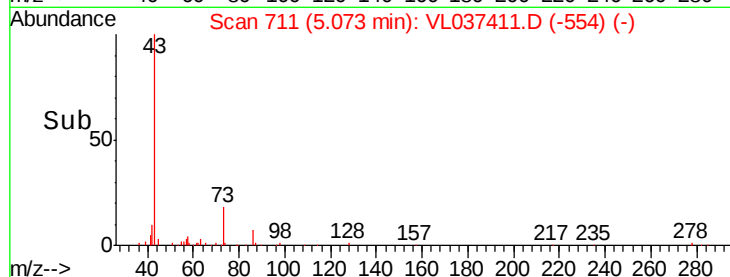
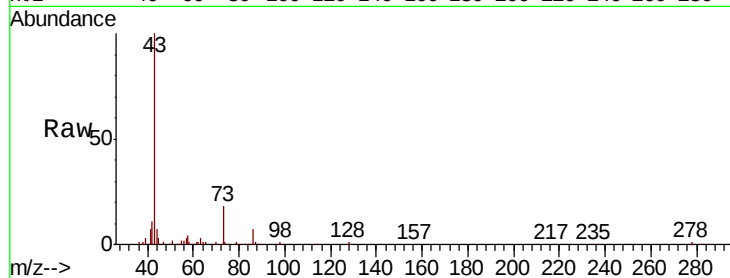
#23
 Vinyl Acetate
 Concen: 1.150 ppbv m
 RT: 5.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.8	8.8
42	10.7	7.7	11.5
44	7.0	4.0	6.0#

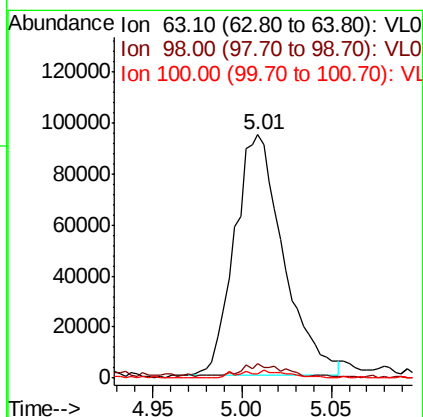
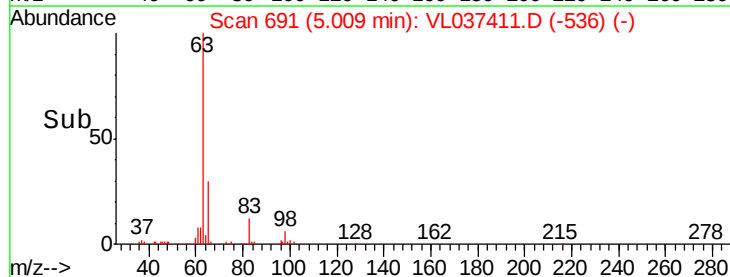
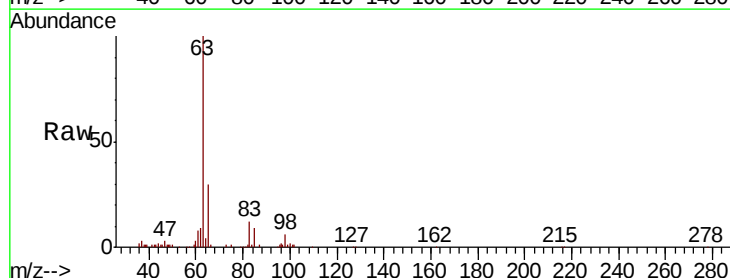
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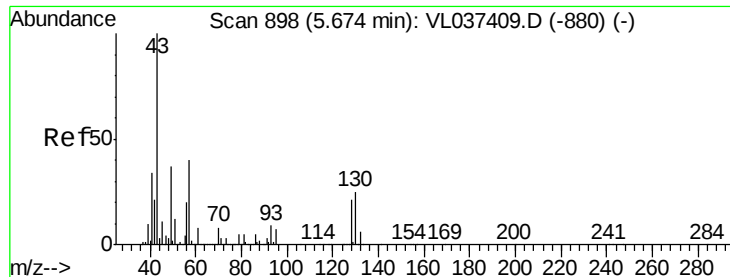
apatel
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#24
 1,1-Dichloroethane
 Concen: 1.158 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.1	6.3
100	1.8	1.6	4.7





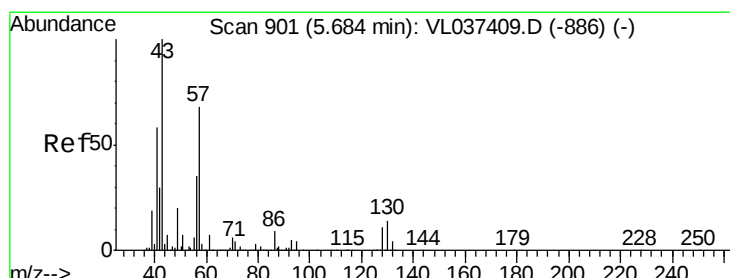
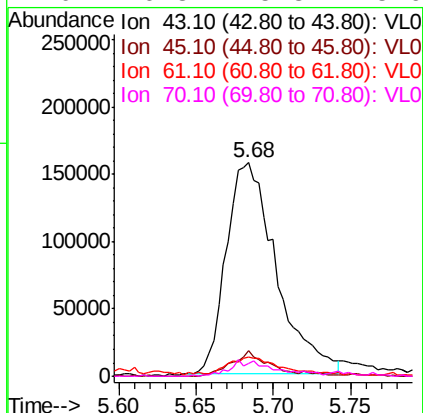
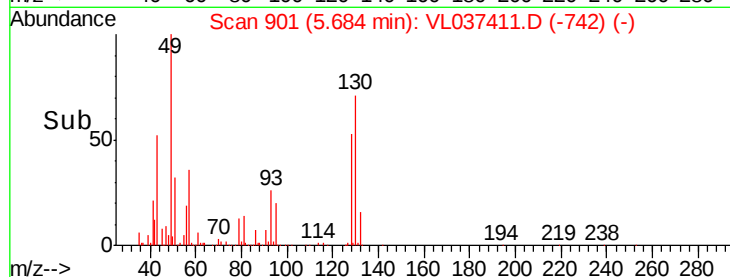
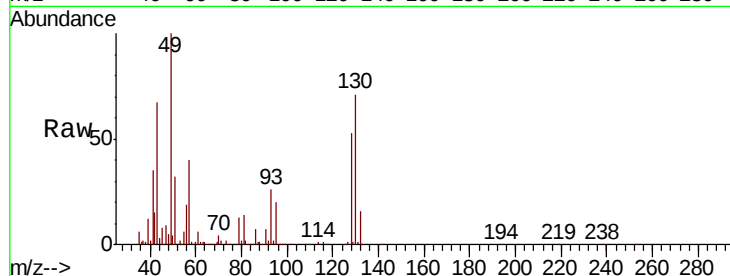
#25
Ethyl Acetate
Concen: 1.112 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
45	10.1	7.9	11.9		
61	11.2	7.7	11.5		
70	6.8	5.8	8.6		

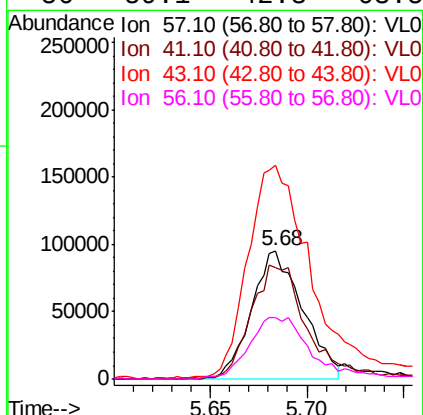
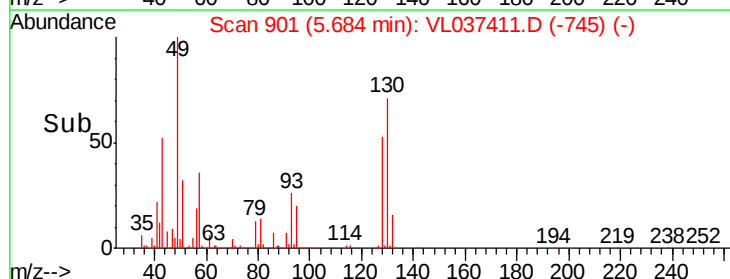
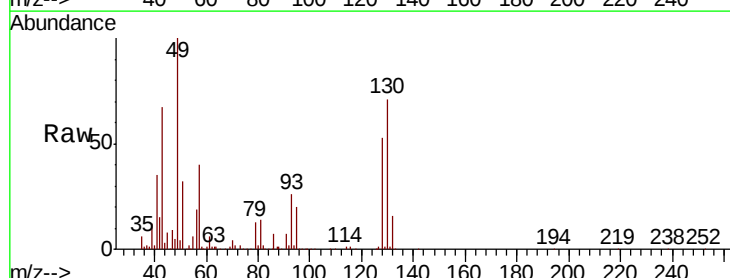
Manual Integrations
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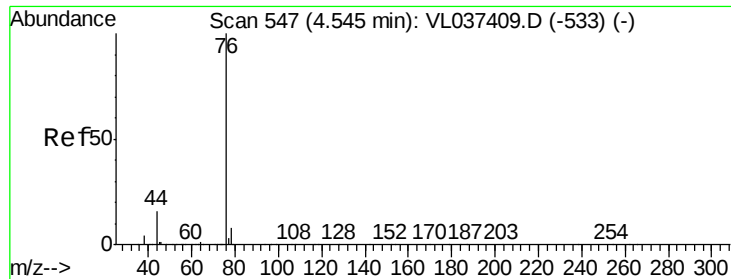
apatel
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#26
Hexane
Concen: 1.094 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100				
41	99.0	72.5	108.7		
43	215.5	169.3	253.9		
56	59.1	42.3	63.5		





#27

Carbon Disulfide

Concen: 1.133 ppbv m

RT: 4.55 min Scan# 547

Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

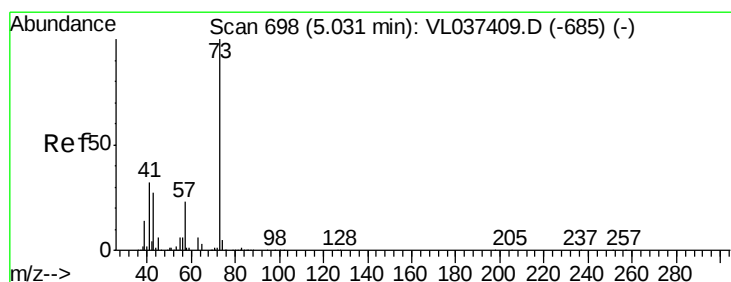
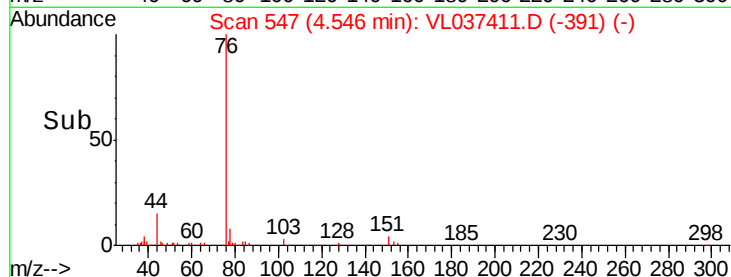
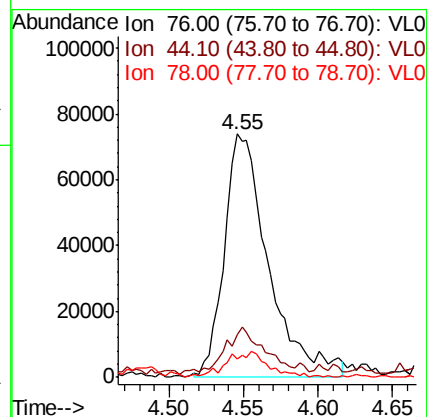
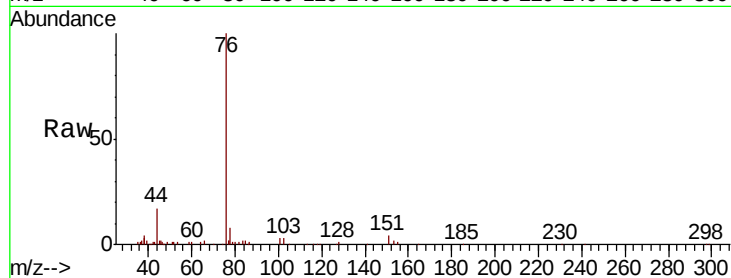
ClientSampleId :

VSTDIC001

Tot Ion:	76	Resp:	152452
Ion Ratio	Lower	Upper	
76	100		
44	17.8	14.4	21.6
78	10.1	8.0	12.0

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#28

Methyl tert-Butyl Ether

Concen: 1.176 ppbv

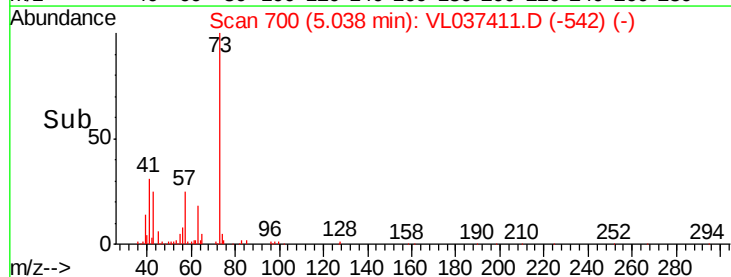
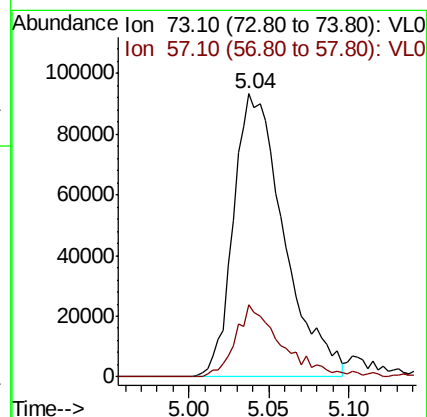
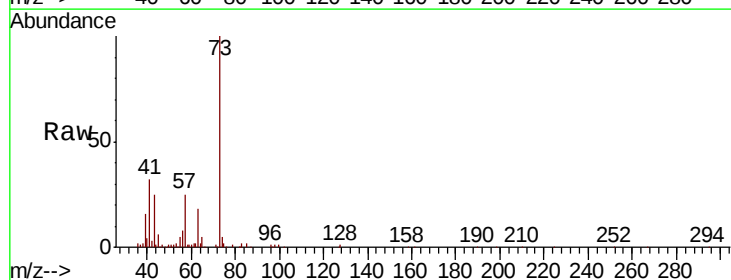
RT: 5.04 min Scan# 700

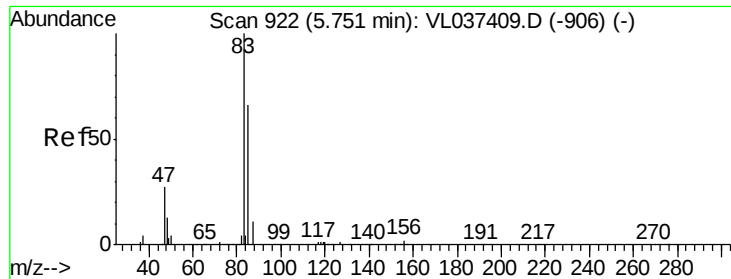
Delta R.T. 0.01 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Tgt Ion:	73	Resp:	201708
Ion Ratio	Lower	Upper	
73	100		
57	23.9	19.0	28.4





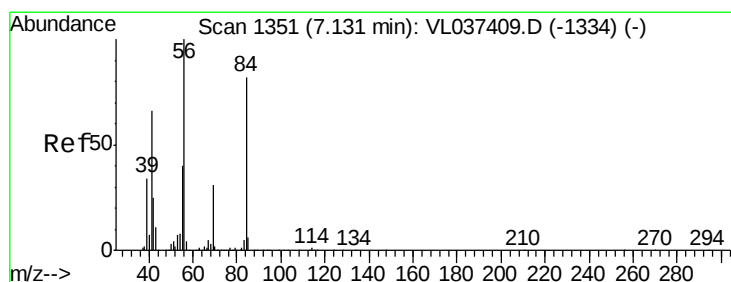
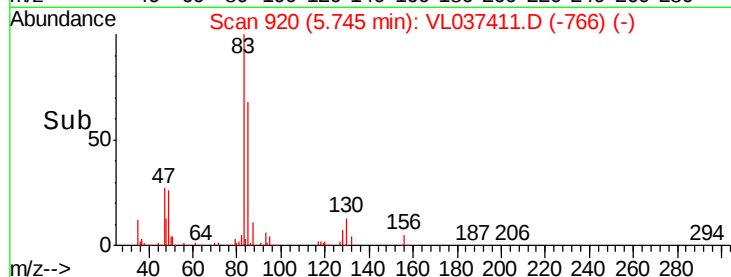
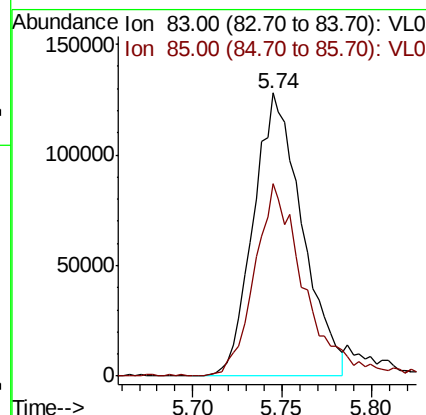
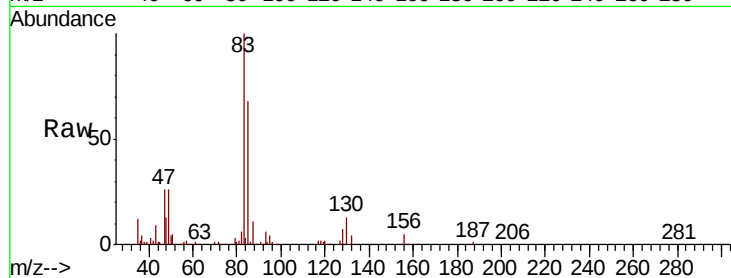
#29
Chloroform
Concen: 1.064 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
83	100		
85	68.1	52.4	78.6

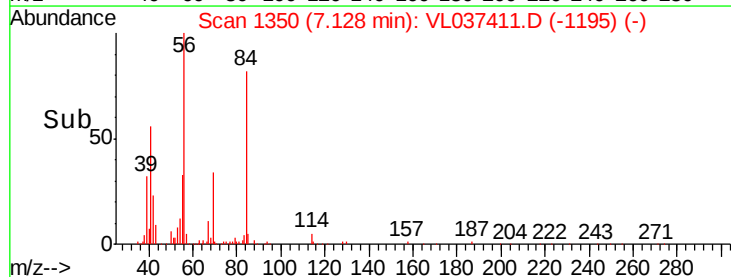
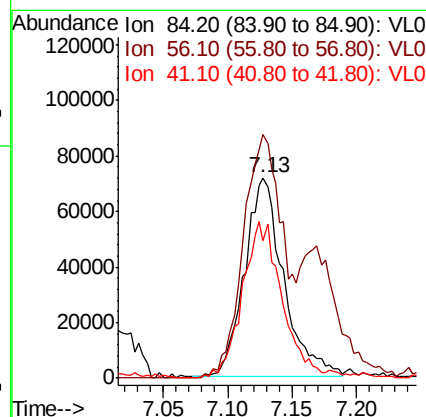
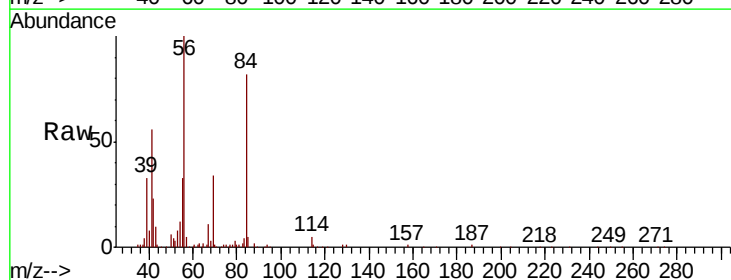
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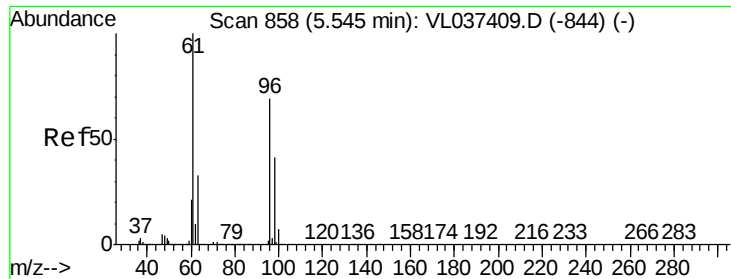
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#30
Cyclohexane
Concen: 1.140 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
84	100		
56	188.9	109.6	164.4#
41	81.7	66.6	99.8





#31

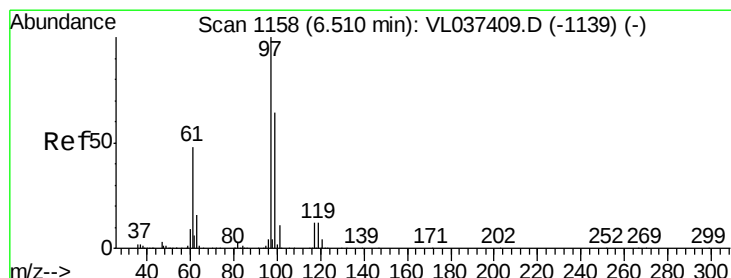
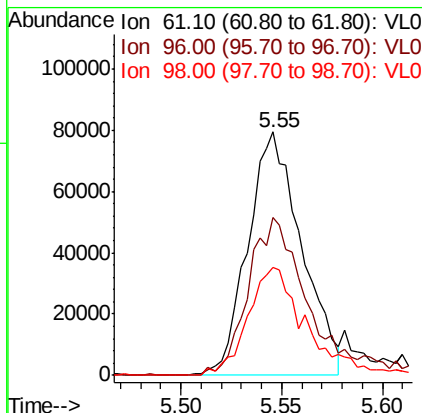
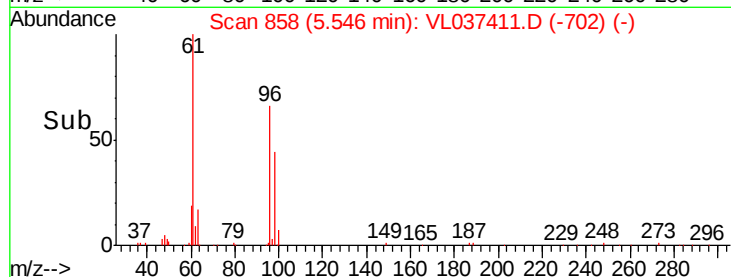
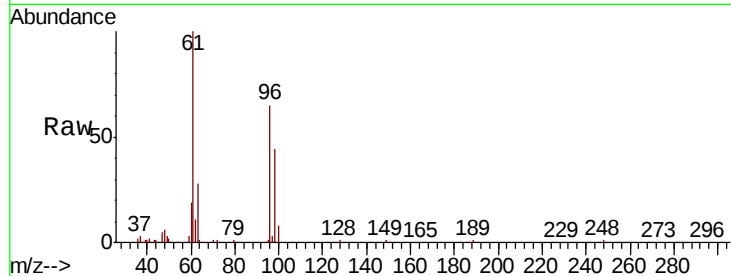
cis-1,2-Dichloroethene
Concen: 1.026 ppbv
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
61	100		
96	64.9	55.5	83.3
98	44.4	33.1	49.7

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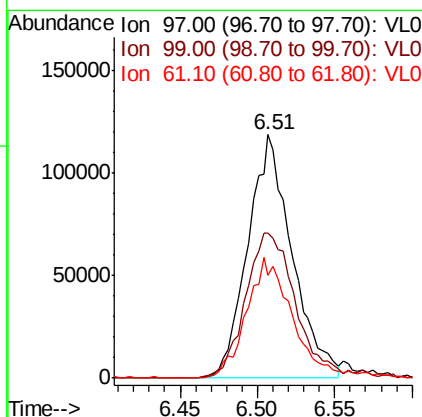
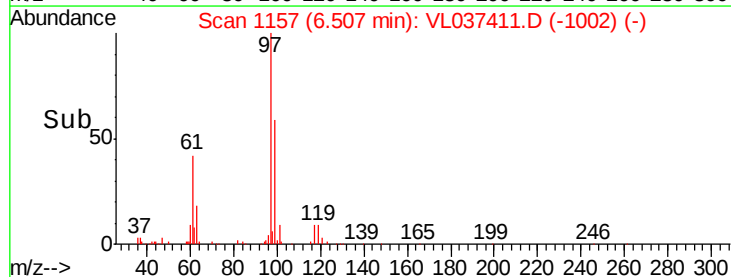
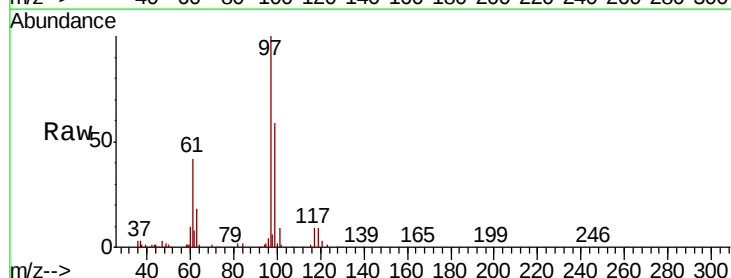
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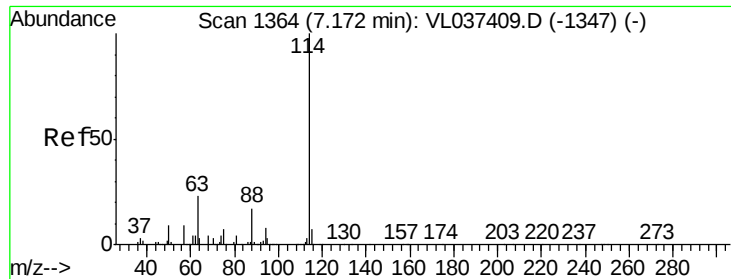


#32

1,1,1-Trichloroethane
Concen: 1.057 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	69.2	52.3	78.5
61	52.3	40.1	60.1





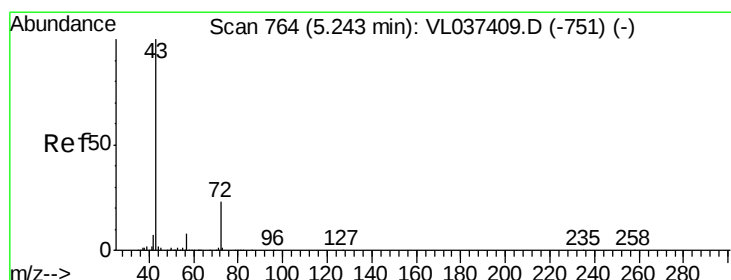
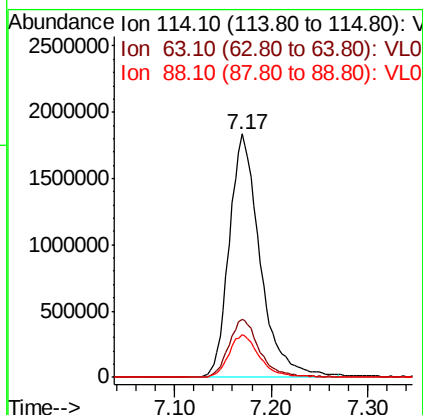
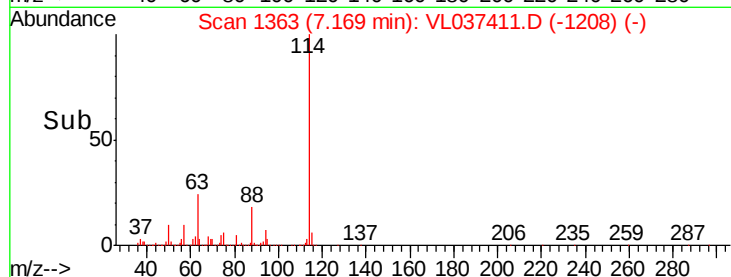
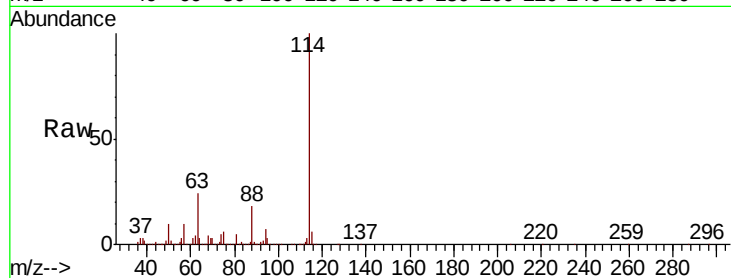
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.2
88	17.7	14.2	21.4

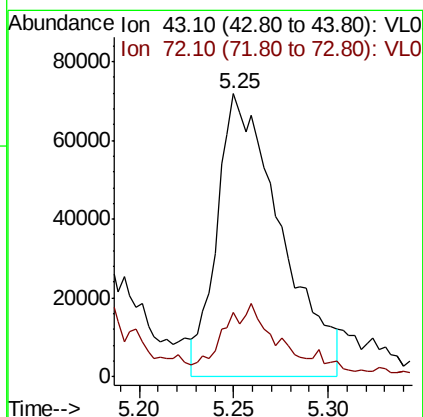
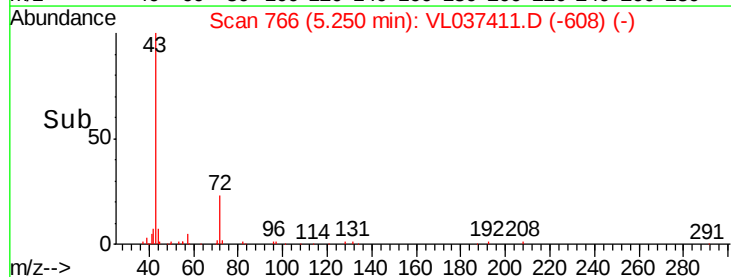
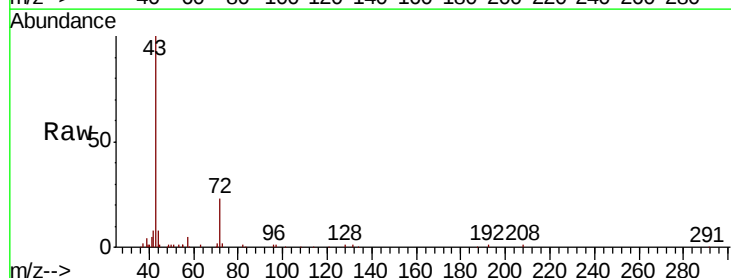
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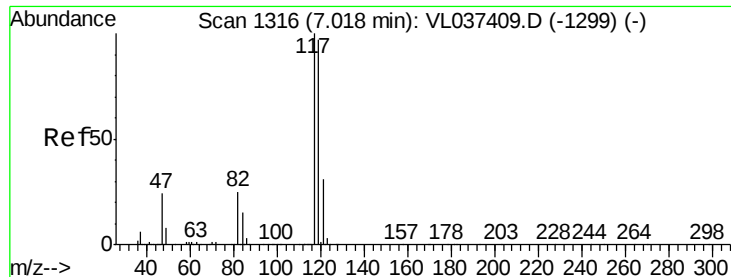
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#34
 2-Butanone
 Concen: 1.085 ppbv m
 RT: 5.25 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





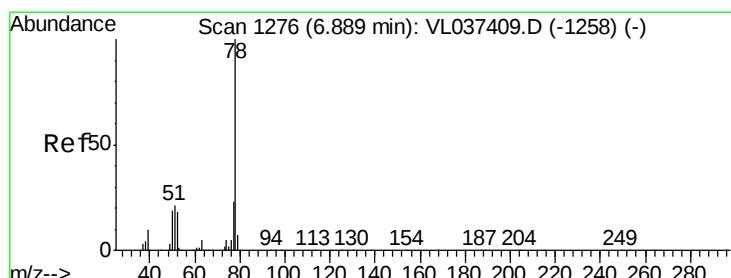
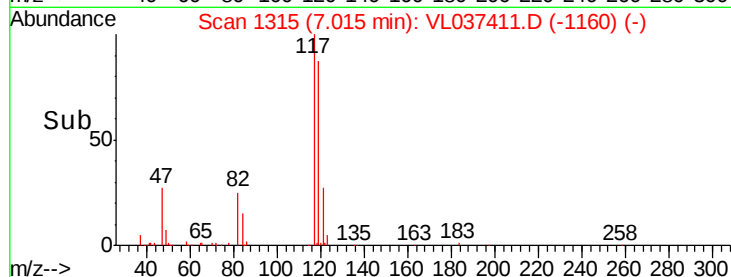
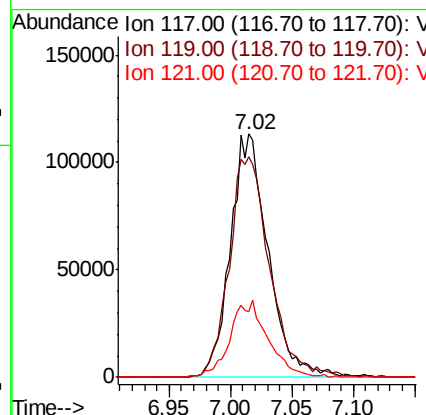
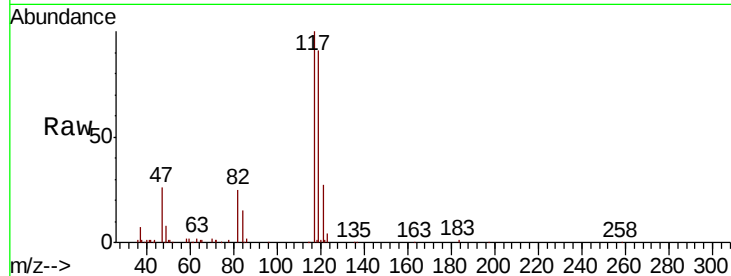
#35
Carbon Tetrachloride
Concen: 1.070 ppbv m
RT: 7.02 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	90.8	77.5	116.3
121	27.2	24.7	37.1

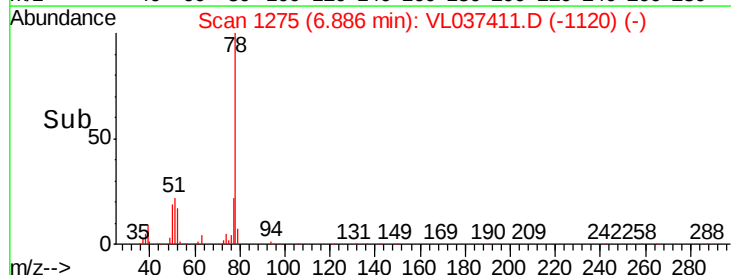
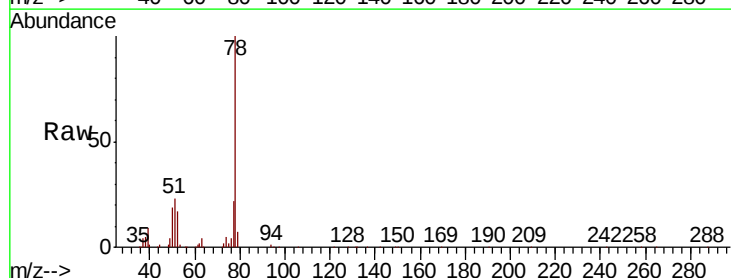
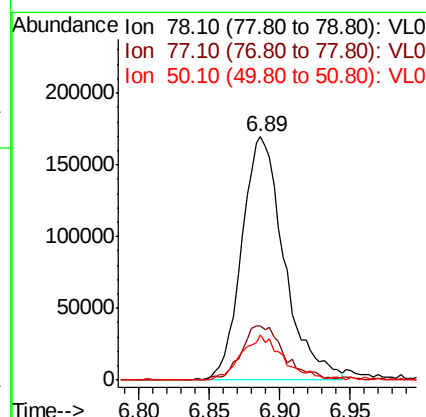
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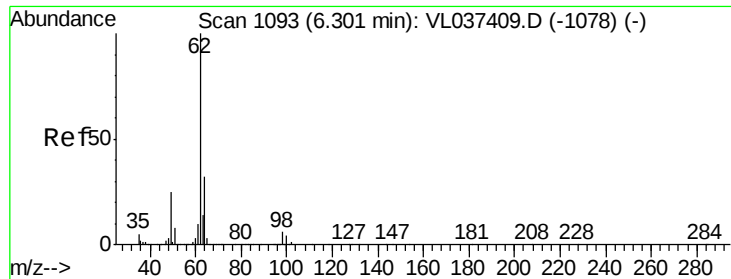
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#36
Benzene
Concen: 1.106 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.6	27.8
50	18.8	14.9	22.3





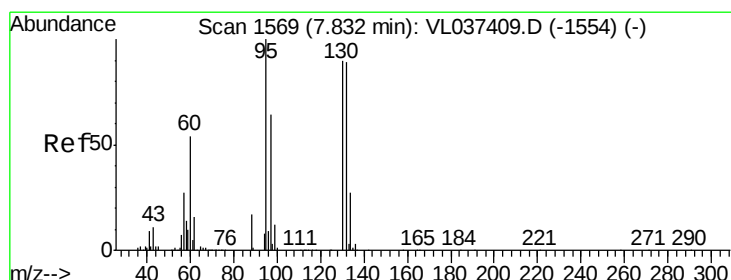
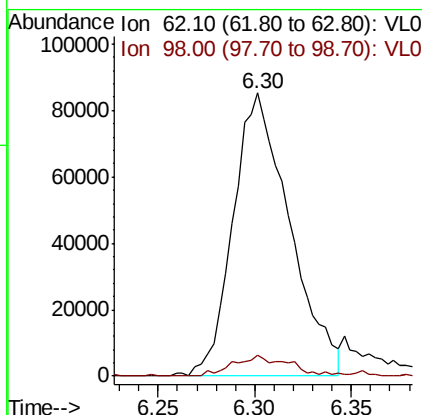
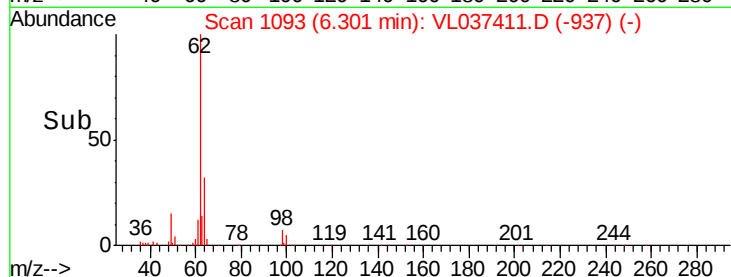
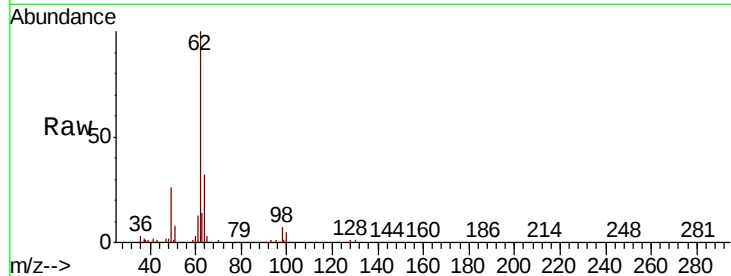
#37
 1,2-Dichloroethane
 Concen: 1.038 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	171815		
98	8.1	5.4	8.2	

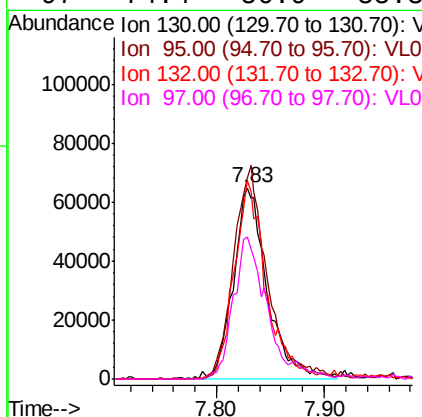
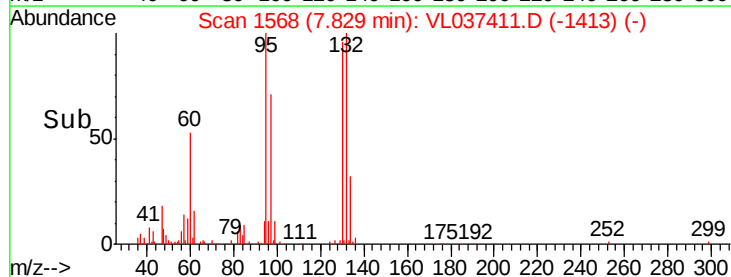
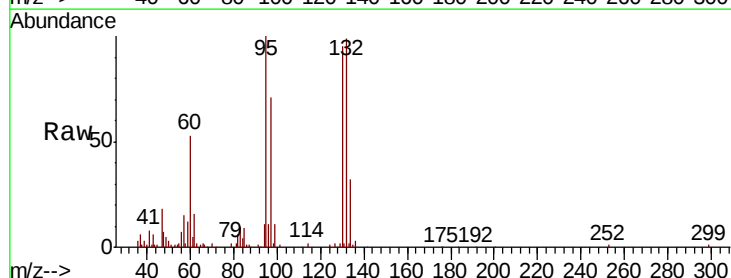
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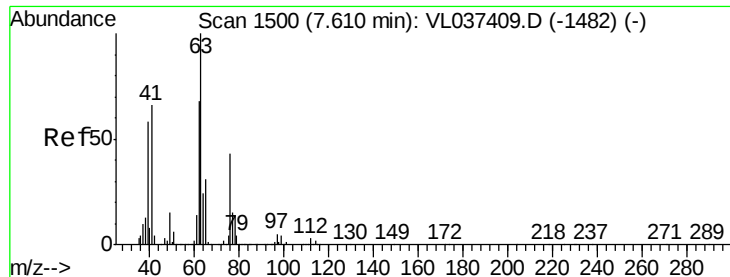
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#38
 Trichloroethene
 Concen: 1.033 ppbv m
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	142400		
95	104.9	88.6	132.8	
132	103.7	79.2	118.8	
97	74.4	56.9	85.3	





#39

1,2-Dichloropropane

Concen: 1.127 ppbv

RT: 7.61 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

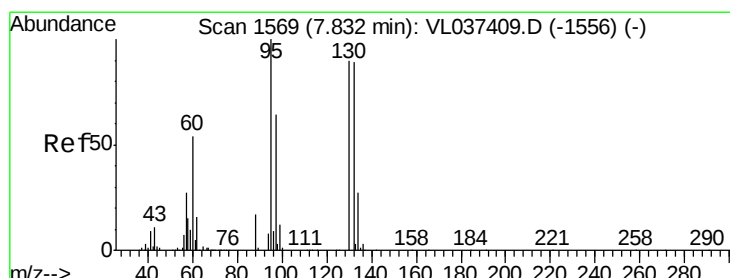
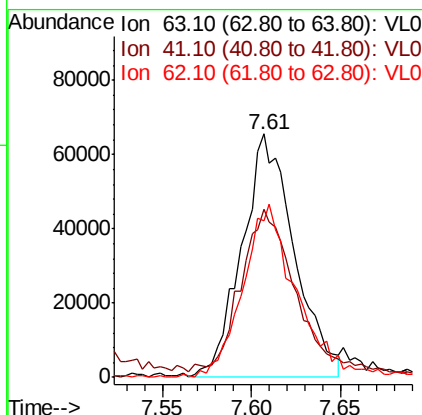
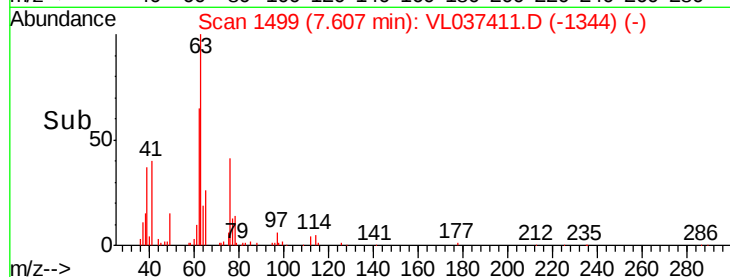
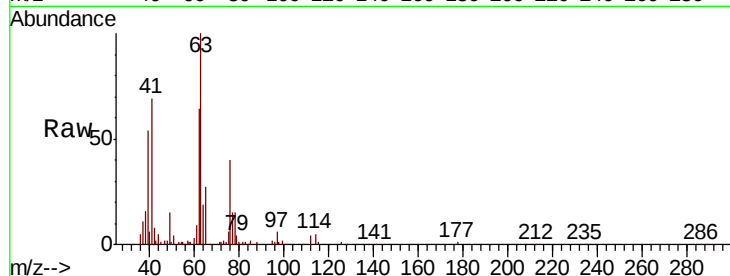
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	133297
Ion Ratio	Lower	Upper	
63	100		
41	67.2	53.0	79.6
62	64.0	54.5	81.7

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#40

1,4-Dioxane

Concen: 1.134 ppbv m

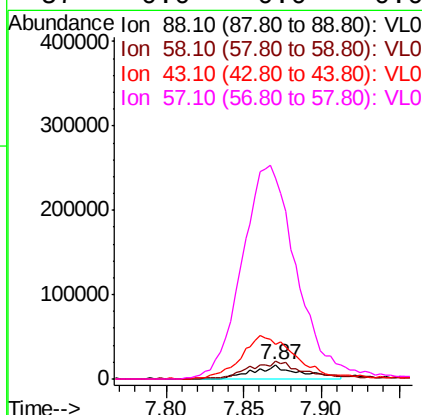
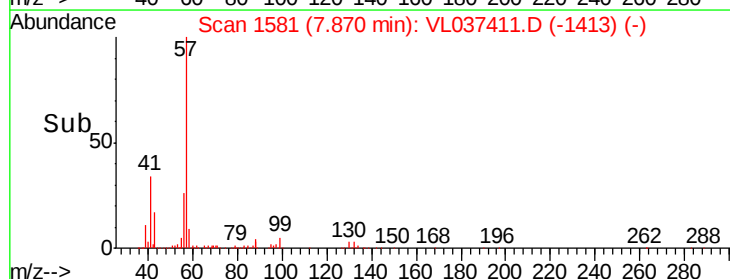
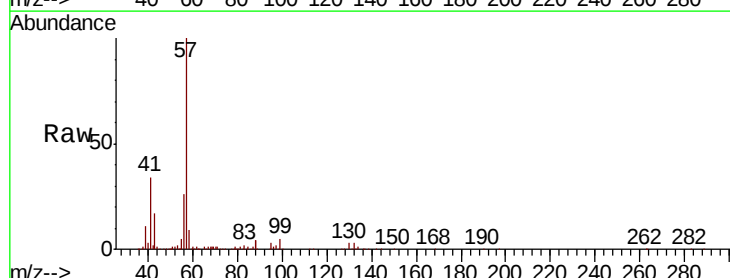
RT: 7.87 min Scan# 1581

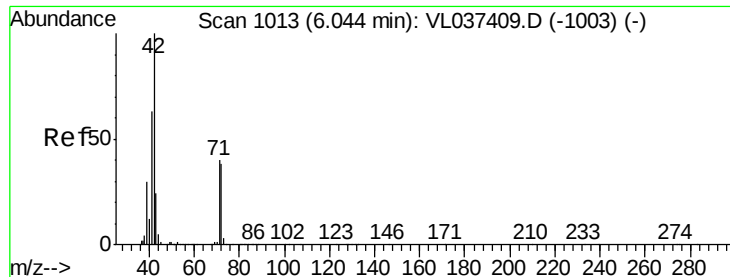
Delta R.T. 0.04 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Tgt Ion:	88	Resp:	35742
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: 1.096 ppbv m

RT: 6.07 min Scan# 1020

Delta R.T. 0.02 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

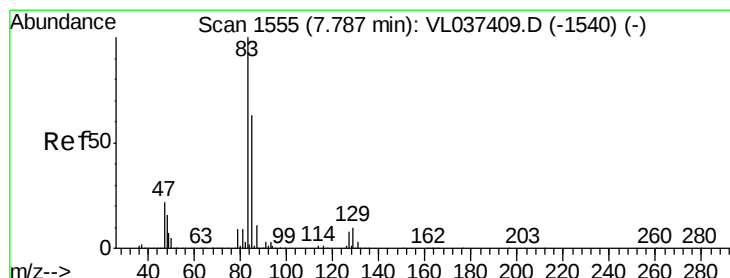
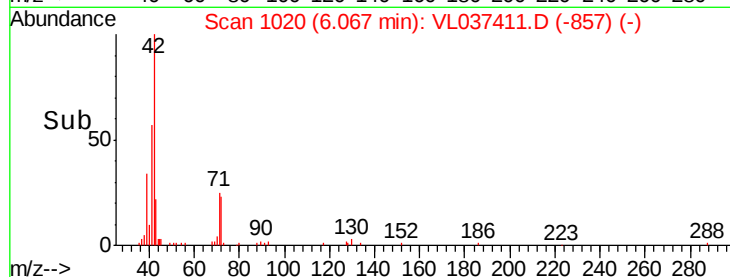
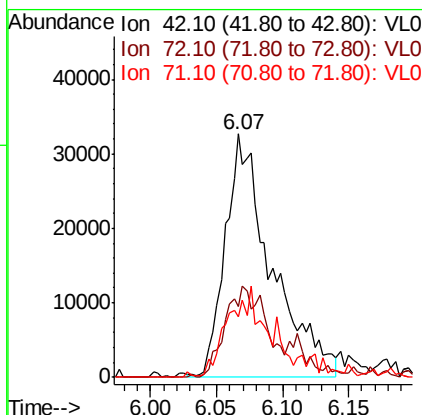
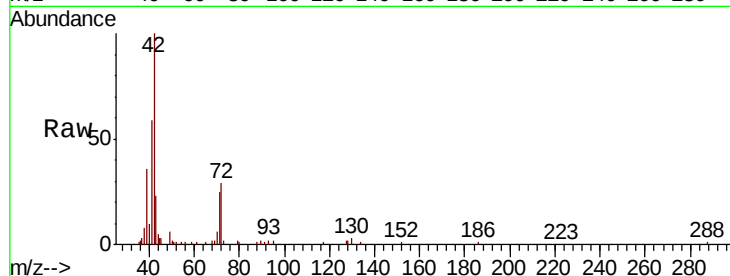
ClientSampleId :

VSTDIC001

Tot Ion:	42	Resp:	79827
Ion Ratio	Lower	Upper	
42	100		
72	32.8	33.5	50.3#
71	0.0	32.6	48.8#

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#42

Bromodichloromethane

Concen: 1.040 ppbv

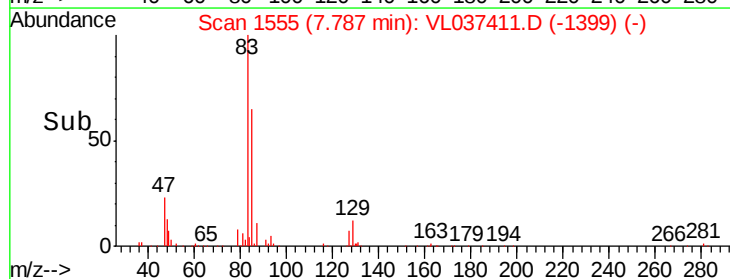
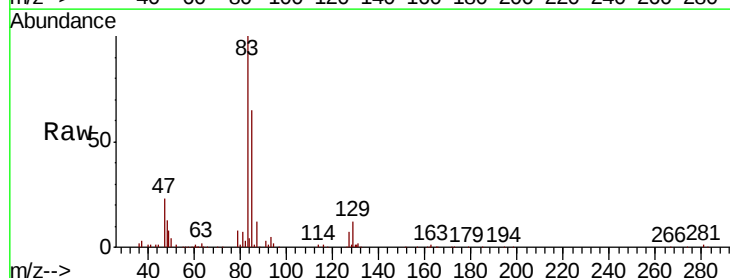
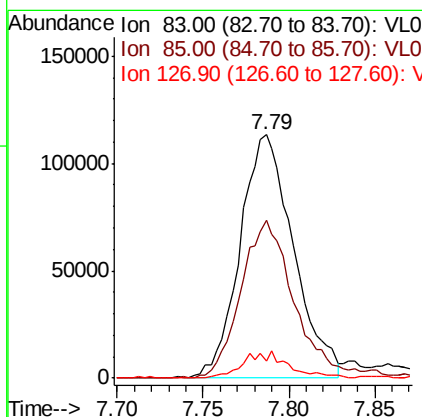
RT: 7.79 min Scan# 1555

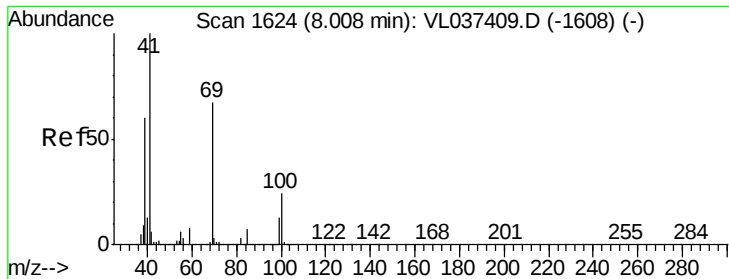
Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Tgt Ion:	83	Resp:	243425
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.2	75.2
127	7.3	6.6	9.8





#43

Methvl Methacrylate

Concen: 0.974 ppbv m

RT: 8.01 min Scan# 1625

Delta R.T. 0.00 min

Lab File: VL037411.D

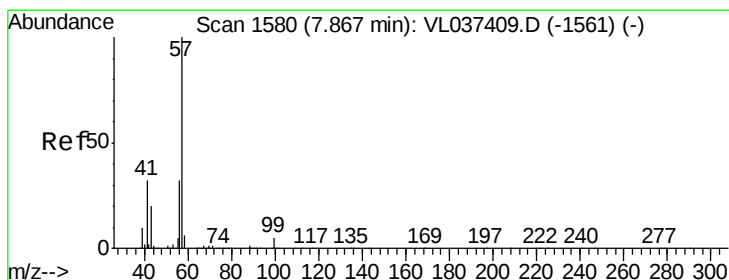
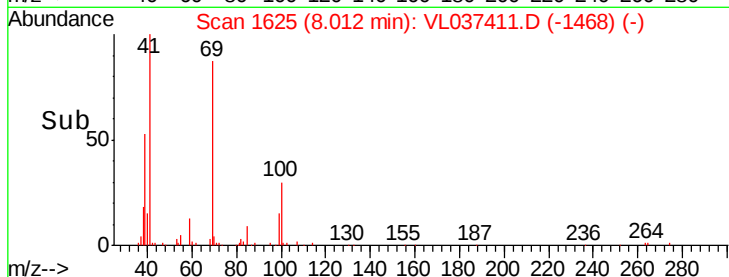
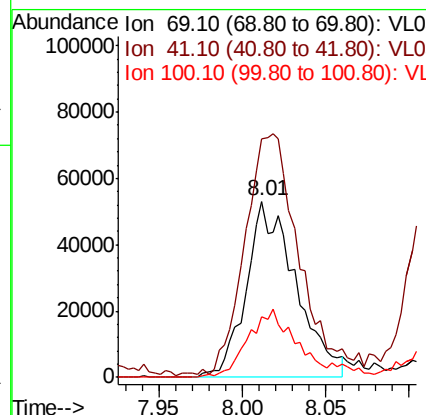
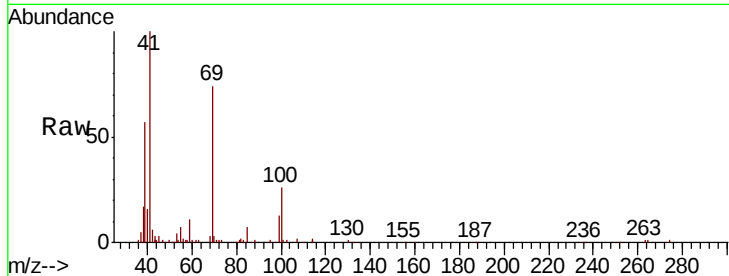
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	0.0	118.1	177.1#
100	0.0	27.6	41.4#

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#44

2,2,4-Trimethylpentane

Concen: 1.138 ppbv

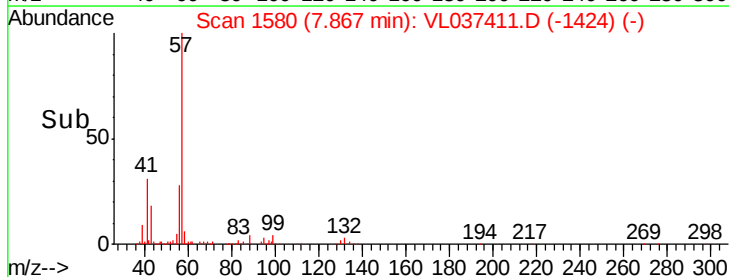
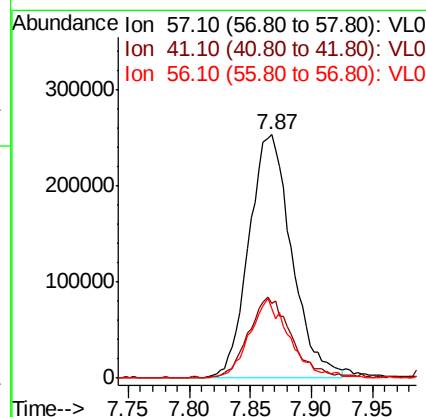
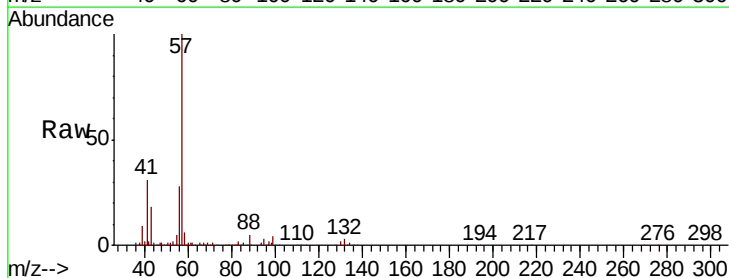
RT: 7.87 min Scan# 1580

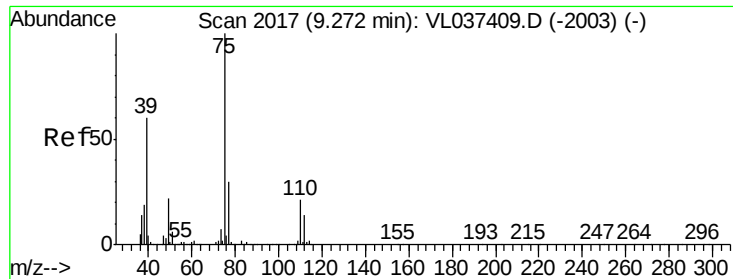
Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
57	100		
41	33.9	26.4	39.6
56	30.7	25.0	37.4





#45

t-1,3-Dichloropropene

Concen: 0.846 ppbv

RT: 9.28 min Scan# 2018

Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 71516

Ion Ratio Lower Upper

75 100

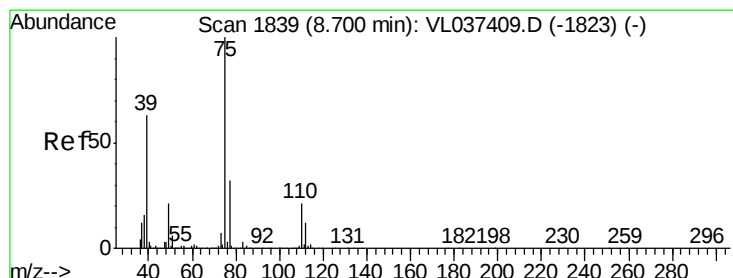
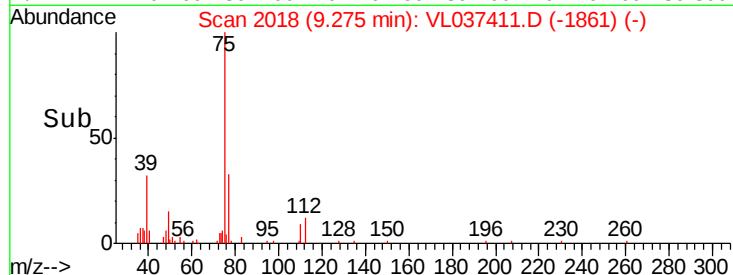
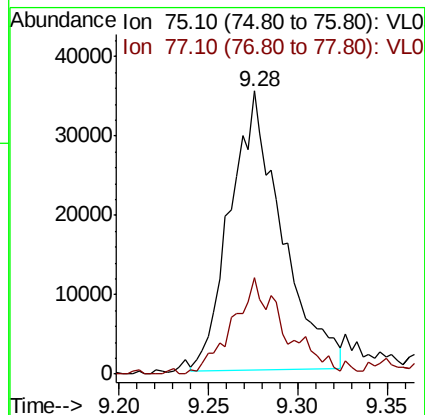
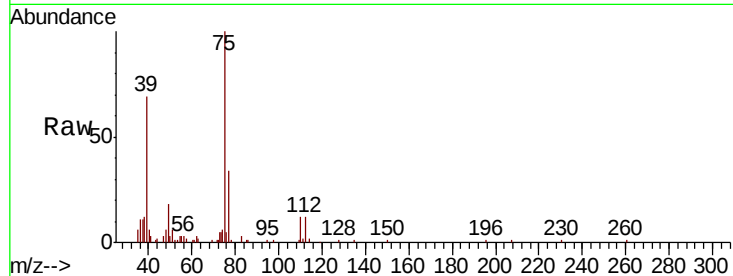
77 34.2 24.2 36.2

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#46

cis-1,3-Dichloropropene

Concen: 0.944 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

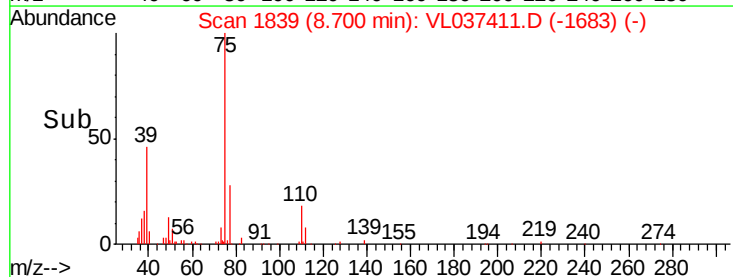
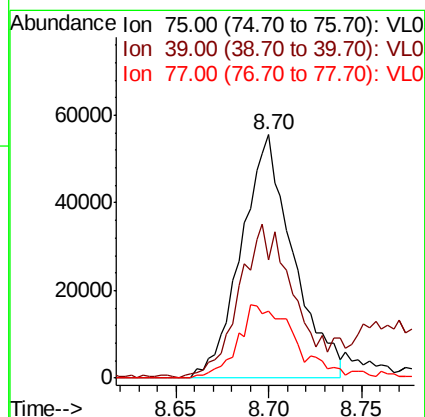
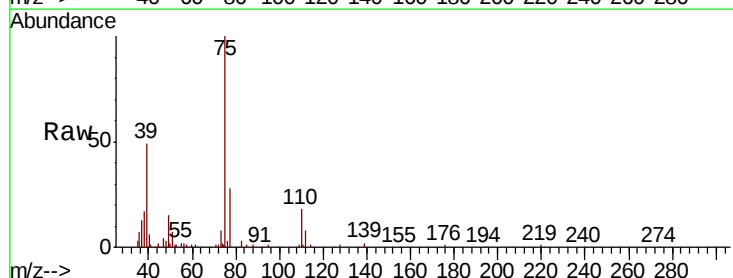
Tgt Ion: 75 Resp: 107950

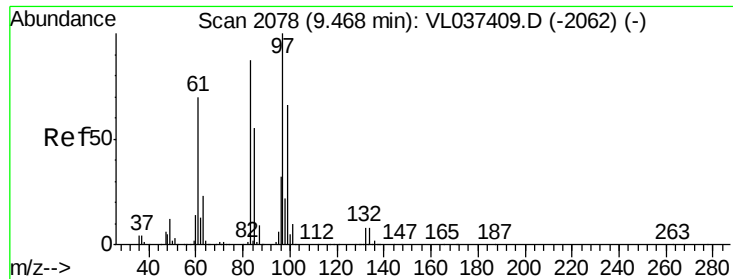
Ion Ratio Lower Upper

75 100

39 47.0 50.1 75.1#

77 27.7 25.8 38.8





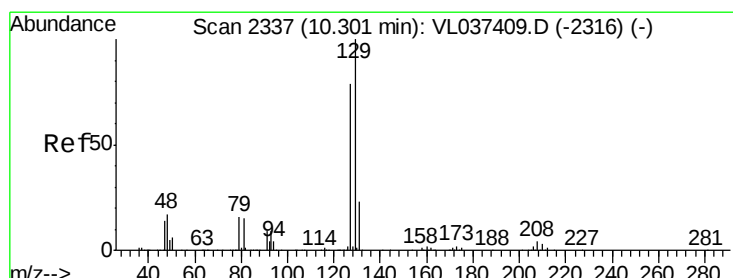
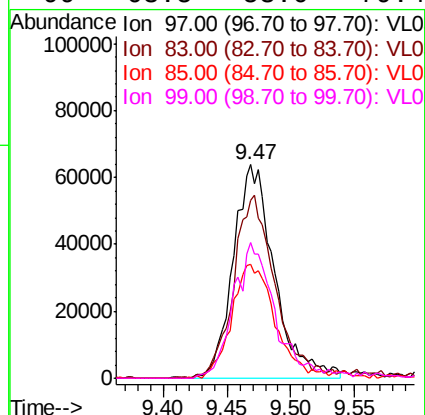
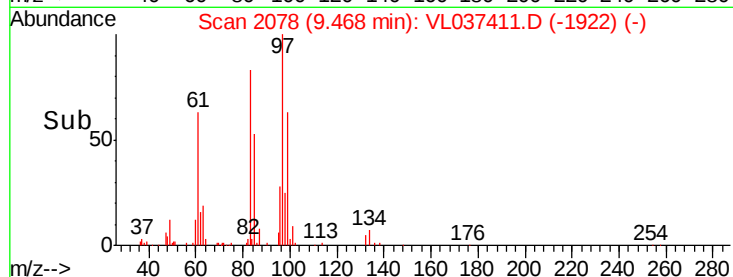
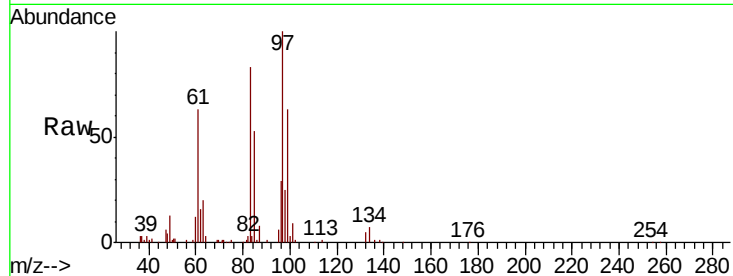
#47
 1,1,2-Trichloroethane
 Concen: 1.084 ppbv m
 RT: 9.47 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		144611		
83	83.5	69.5	104.3		
85	53.3	43.8	65.8		
99	63.5	53.0	79.4		

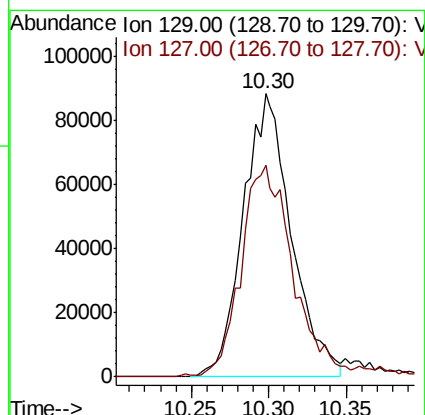
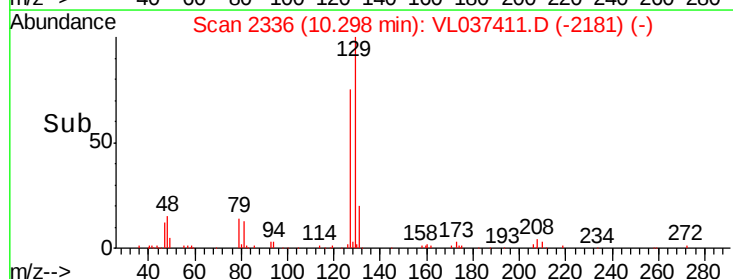
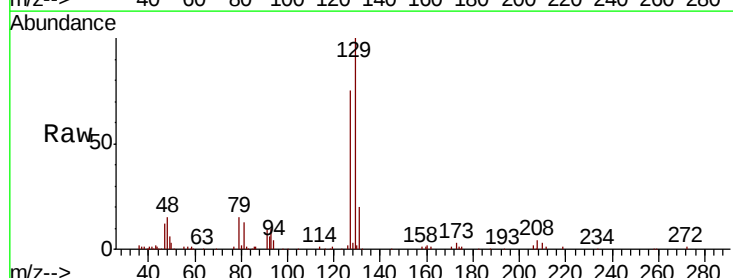
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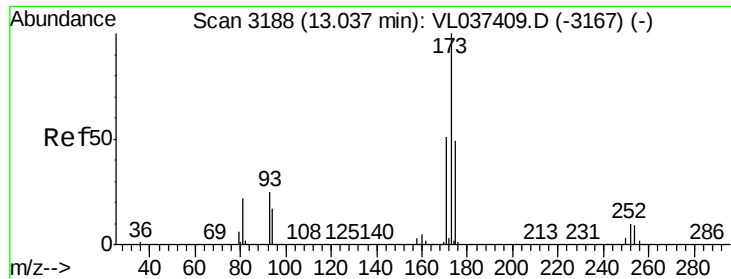
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#48
 Dibromochloromethane
 Concen: 0.966 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
129	100		190018		
127	83.4	39.6	118.8		





#49

Bromoform

Concen: 0.932 ppbv m

RT: 13.04 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

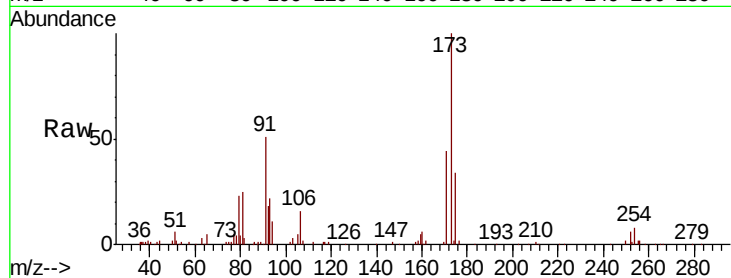
ClientSampleId :

VSTDIC001

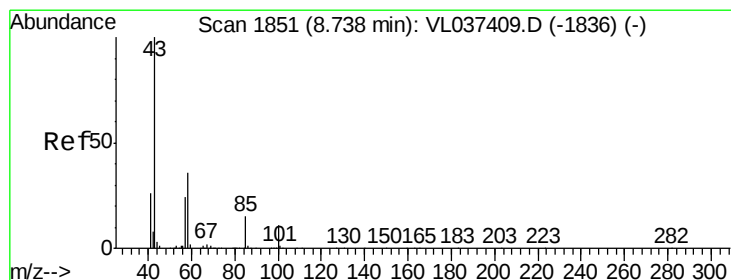
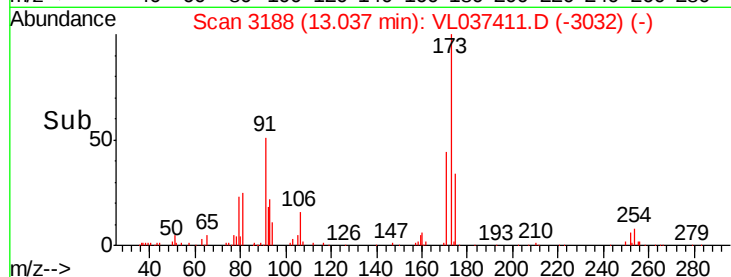
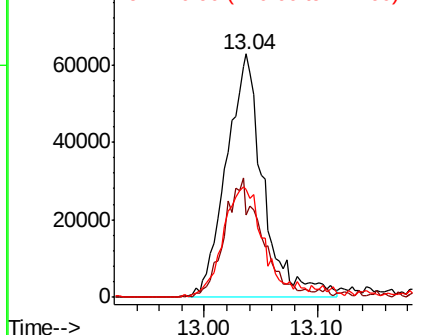
Tot Ion:	173	Resp:	144051
Ion Ratio	Lower	Upper	
173	100		
175	50.9	39.9	59.9
171	54.2	41.4	62.2

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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: 1.042 ppbv m

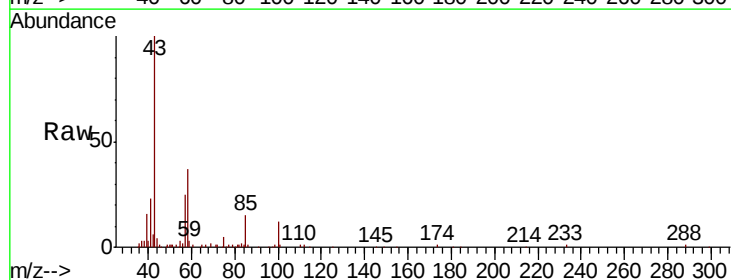
RT: 8.75 min Scan# 1856

Delta R.T. 0.02 min

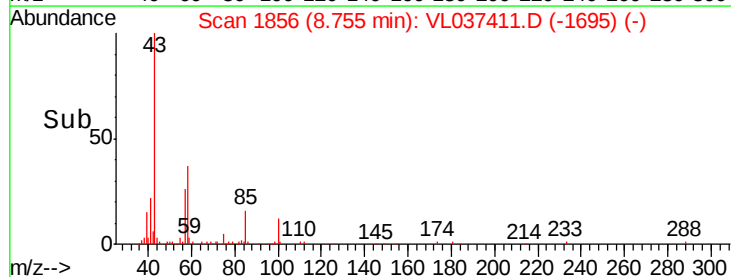
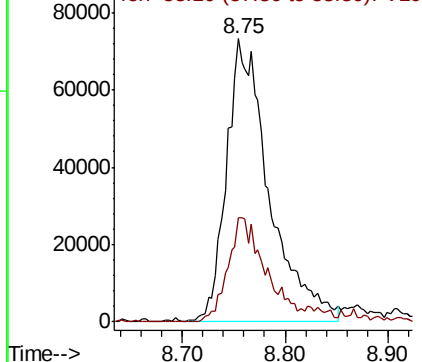
Lab File: VL037411.D

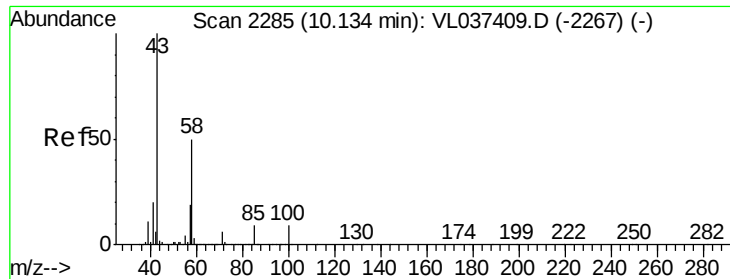
Acq: 12 Aug 2021 12:18

Tgt Ion:	43	Resp:	210999
Ion Ratio	Lower	Upper	
43	100		
58	36.4	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: 1.039 ppbv m

RT: 10.17 min Scan# 2296

Delta R.T. 0.04 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

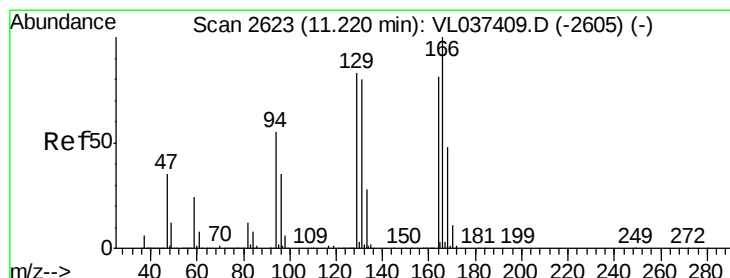
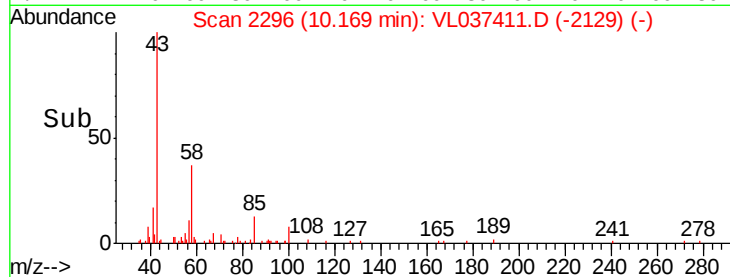
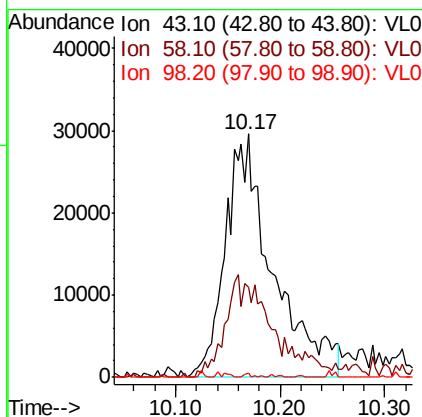
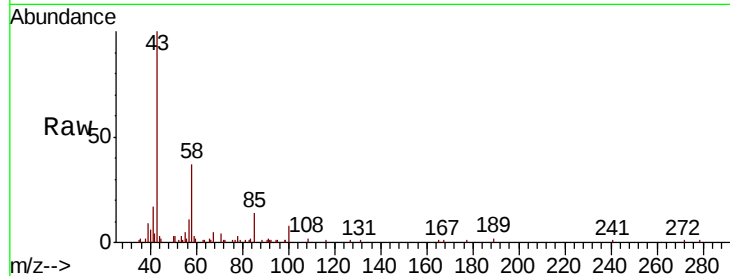
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	93240
Ion Ratio	Lower	Upper	
43	100		
58	0.0	39.9	59.9#
98	0.6	0.2	0.2#

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#52

Tetrachloroethene

Concen: 1.054 ppbv m

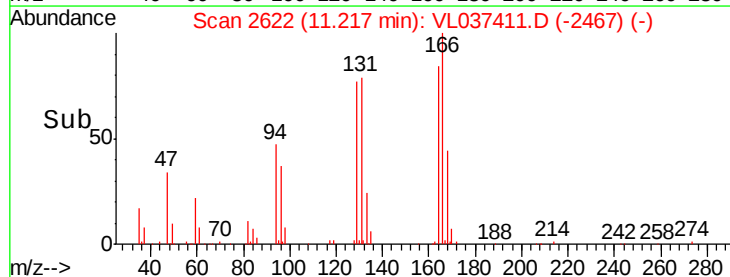
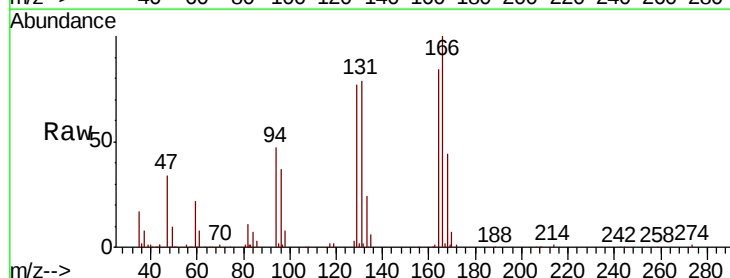
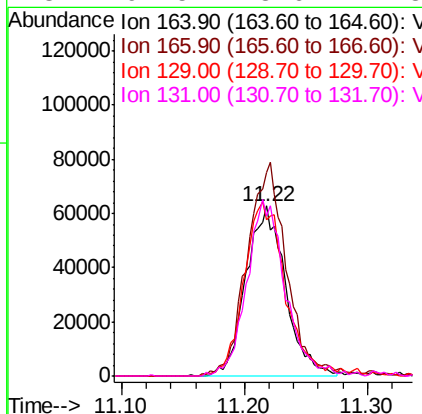
RT: 11.22 min Scan# 2622

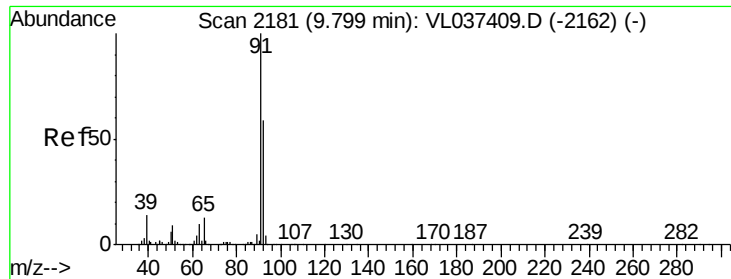
Delta R.T. -0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Tgt Ion:	164	Resp:	139105
Ion Ratio	Lower	Upper	
164	100		
166	119.5	98.6	147.8
129	92.2	82.0	123.0
131	94.5	78.6	117.8





#53

Toluene

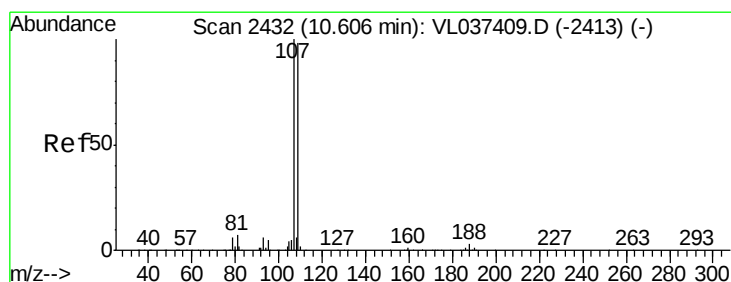
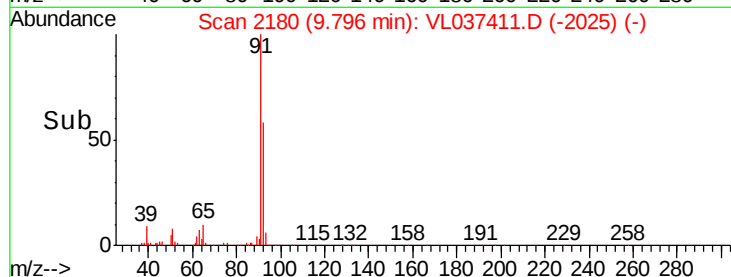
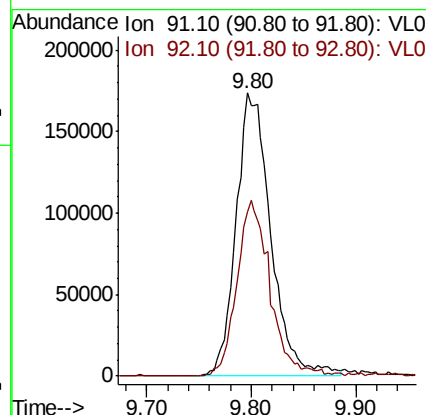
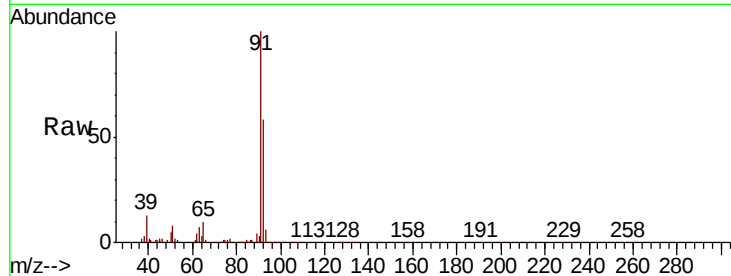
Concen: 1.070 ppbv m
RT: 9.80 min Scan# 2180
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	61.1	49.0	73.6

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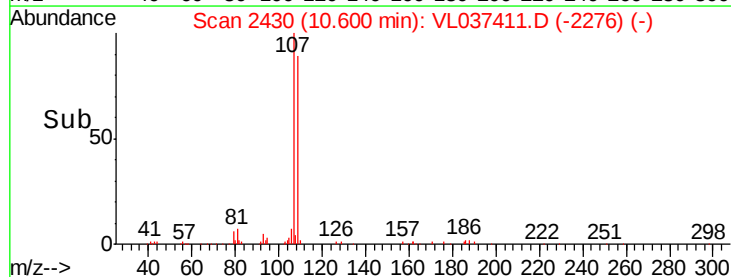
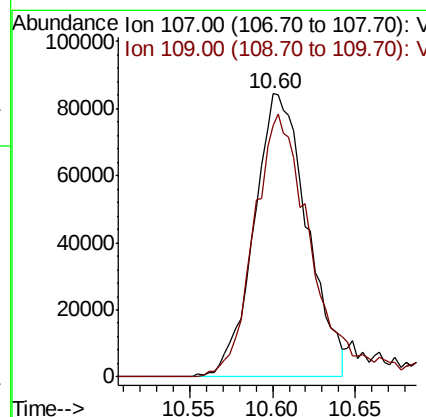
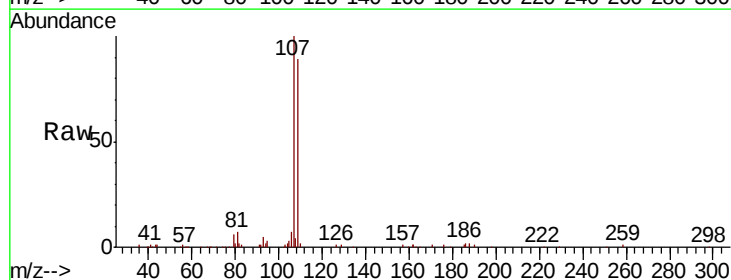


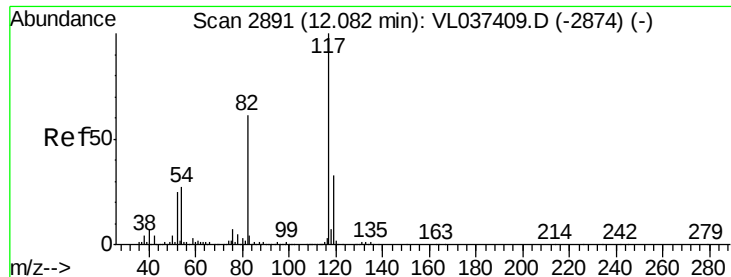
#54

1,2-Dibromoethane

Concen: 0.993 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. -0.01 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
107	100		
109	88.7	78.4	117.6





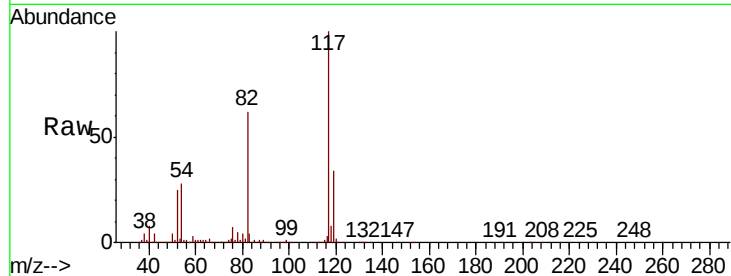
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	53.1	79.7
119	36.2	28.0	42.0

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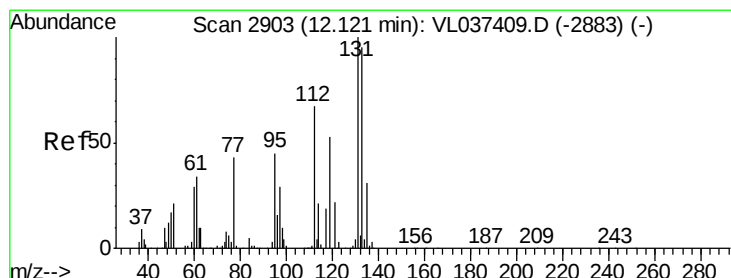
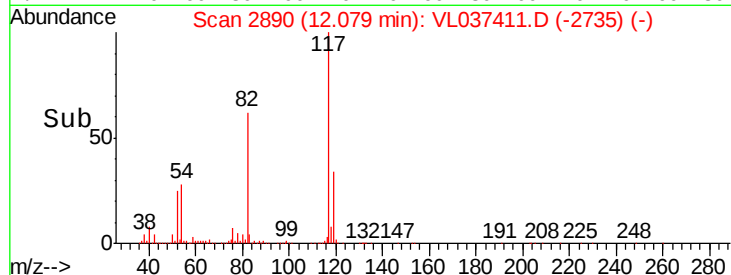
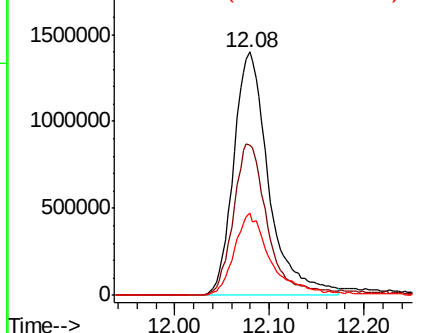


Abundance

Ion 117.10 (116.80 to 117.80): V

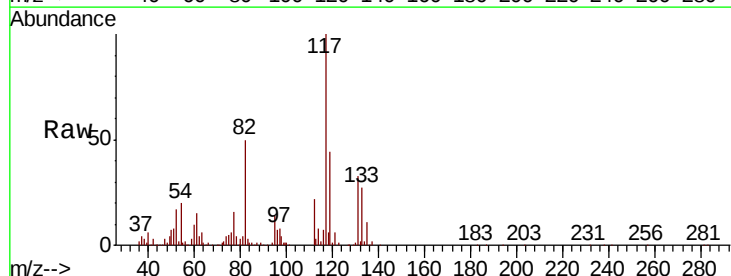
Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#56
1,1,1,2-Tetrachloroethane
Concen: 1.093 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.1	77.1	115.7
119	825.1	59.7	89.5#

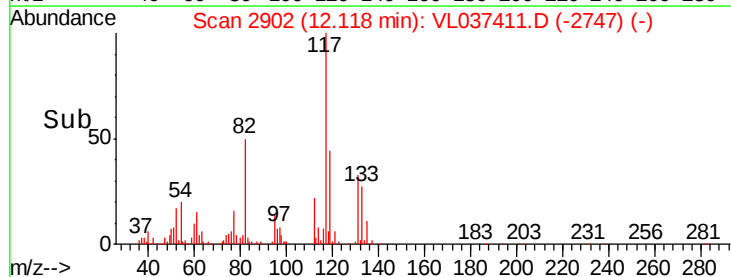
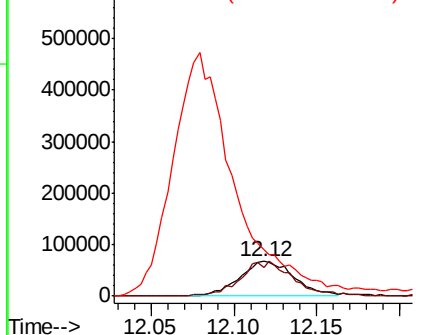


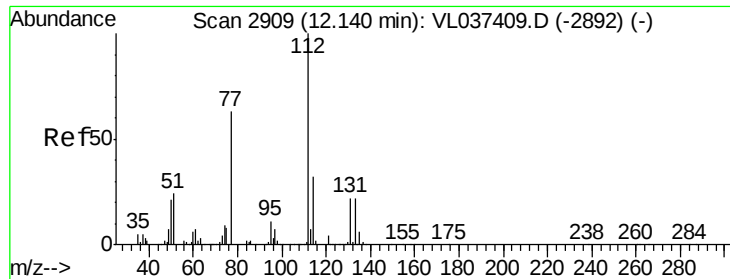
Abundance

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





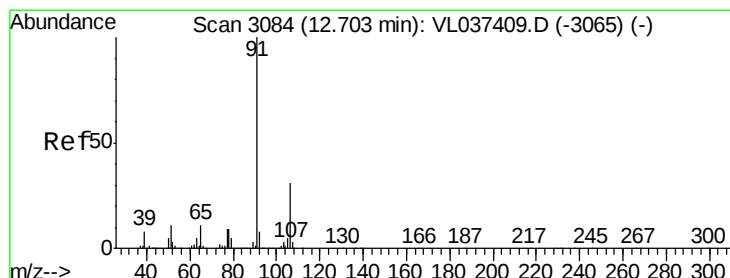
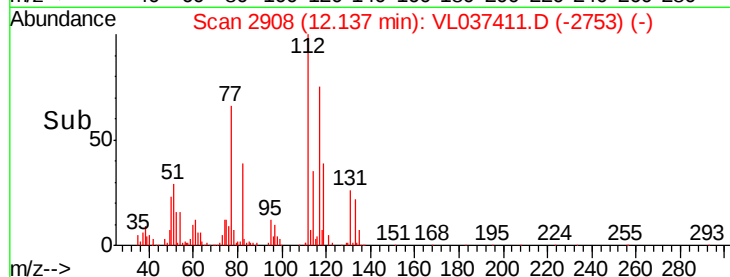
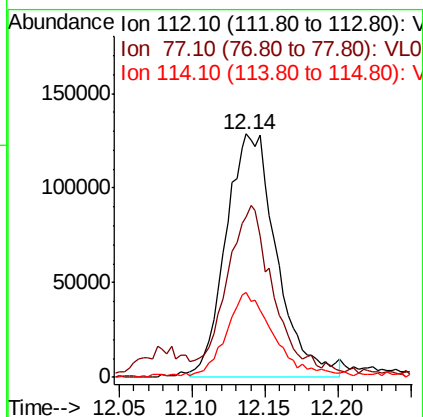
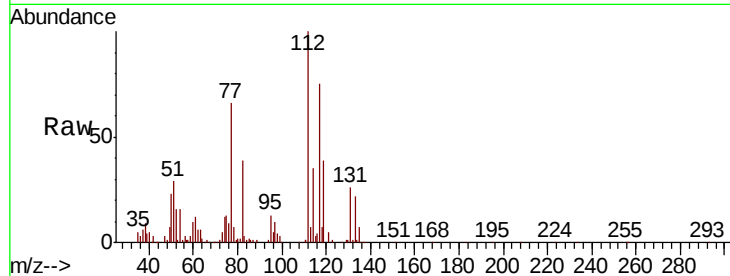
#57
Chlorobenzene
Concen: 1.128 ppbv m
RT: 12.14 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
112	100		
77	65.7	50.0	75.0
114	34.7	28.5	34.9

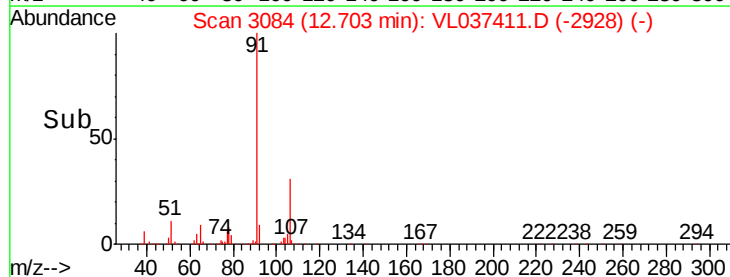
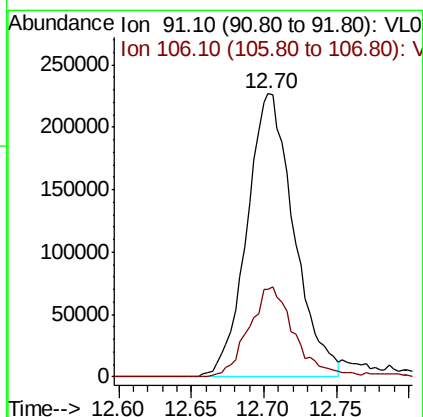
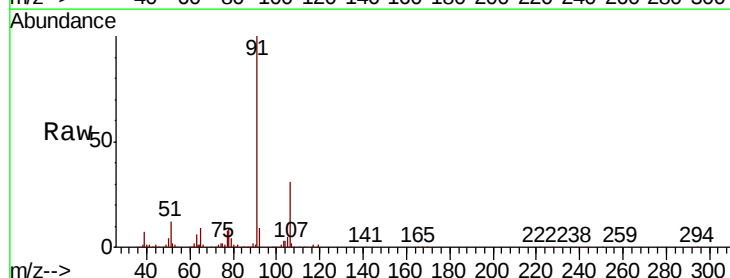
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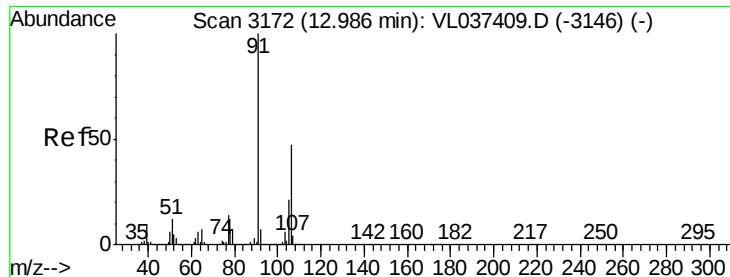
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#58
Ethyl Benzene
Concen: 1.059 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.7	37.1





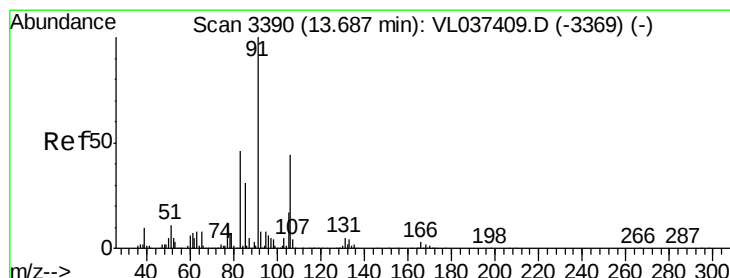
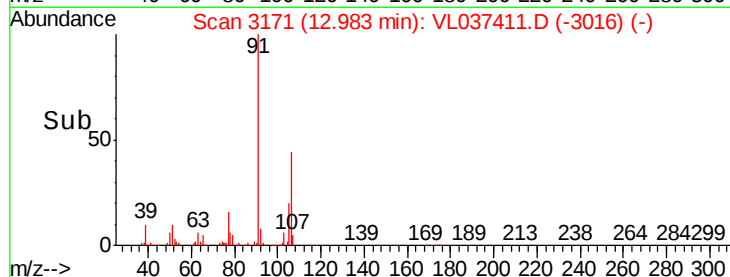
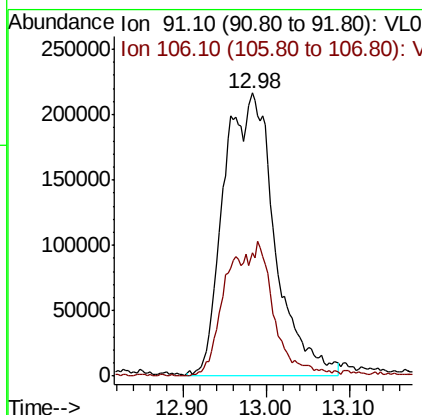
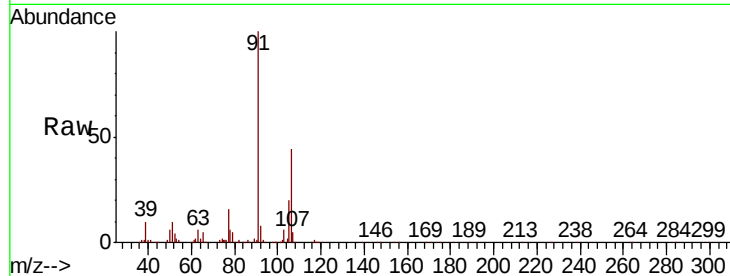
#59
m/p-Xylene
Concen: 2.233 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

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

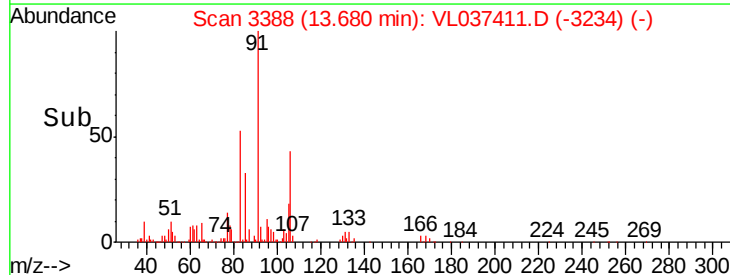
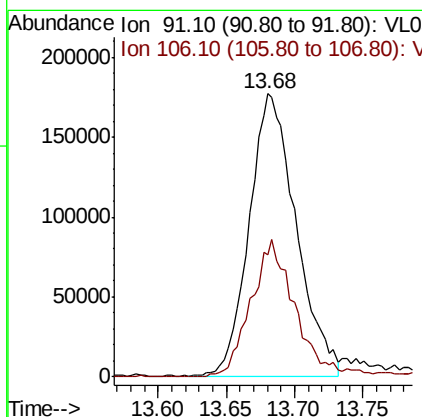
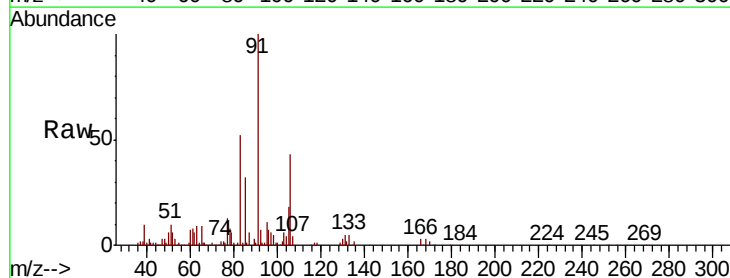
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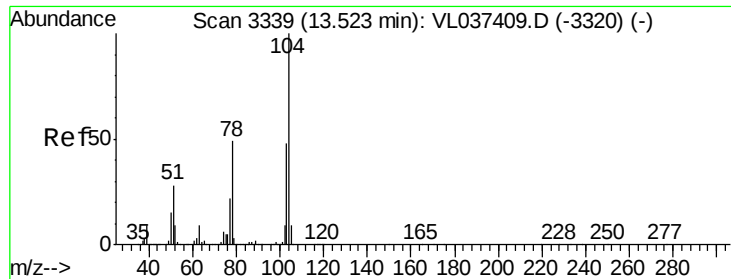
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#60
o-Xylene
Concen: 1.093 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	47.7	24.1	72.2





#61

Stvrene

Concen: 0.968 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

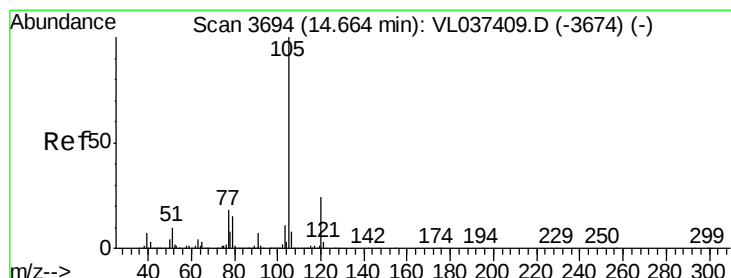
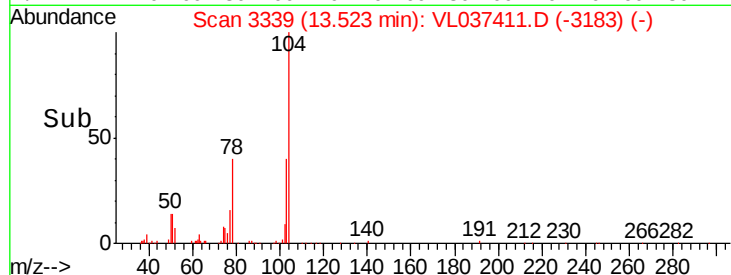
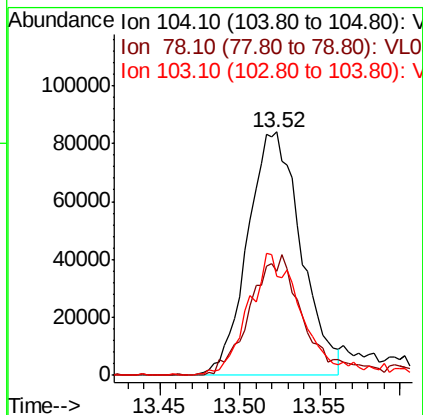
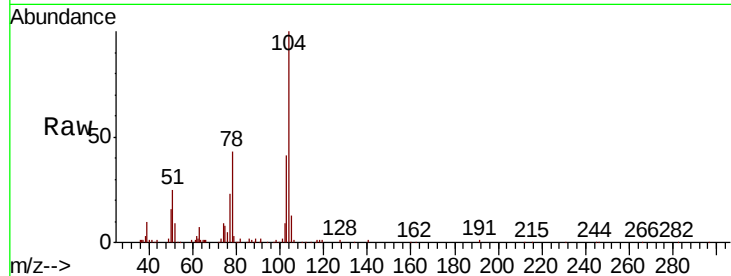
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	193035
Ion Ratio	Lower	Upper	
104	100		
78	53.4	41.5	62.3
103	52.0	40.2	60.2

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#62

Isopropylbenzene

Concen: 1.122 ppbv

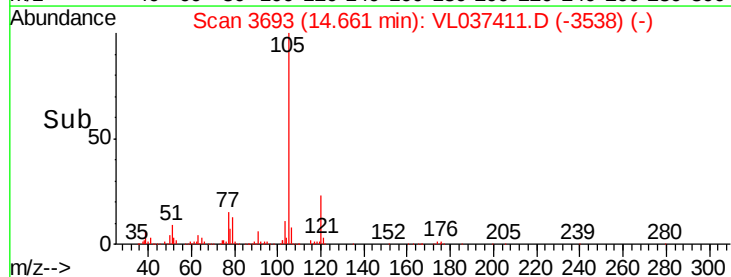
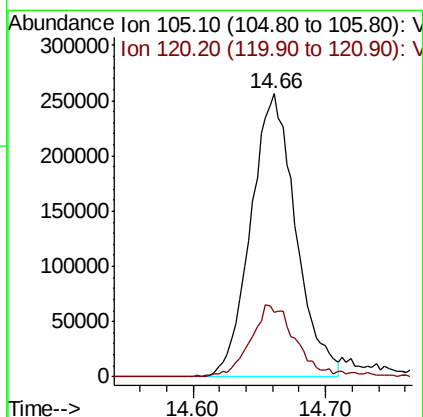
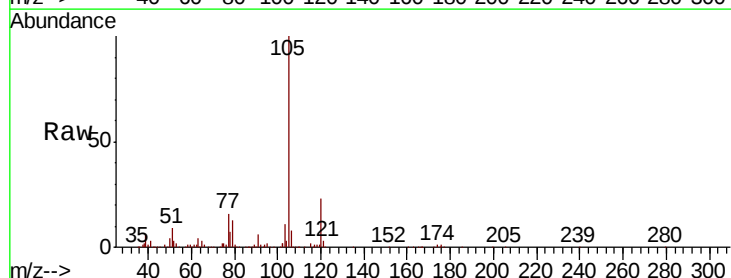
RT: 14.66 min Scan# 3693

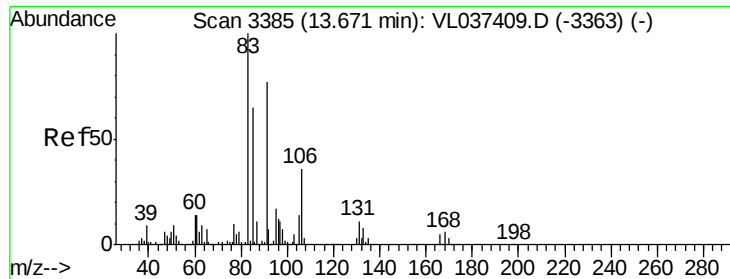
Delta R.T. -0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Tgt Ion:	105	Resp:	608232
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.6	32.4





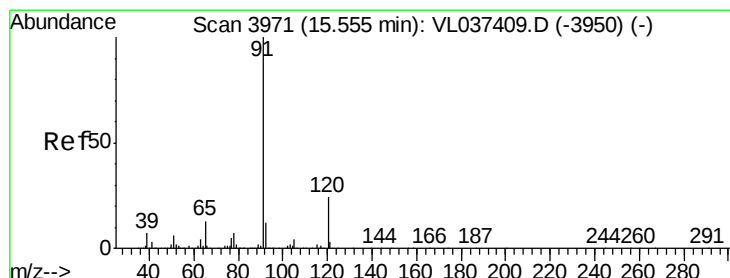
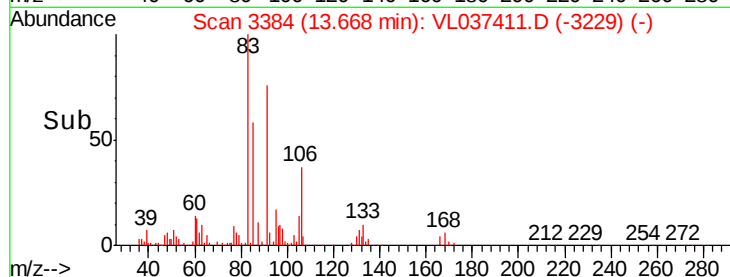
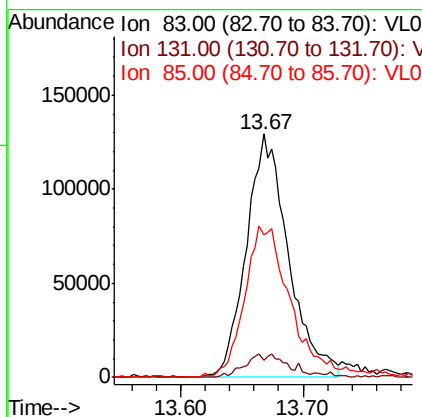
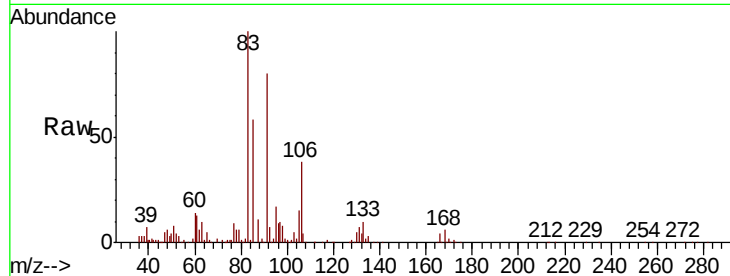
#63
 1,1,2,2-Tetrachloroethane
 Concen: 1.062 ppbv
 RT: 13.67 min Scan# 3384
 Delta R.T. -0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	83	Resp	309083
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	69.0	33.4	100.2

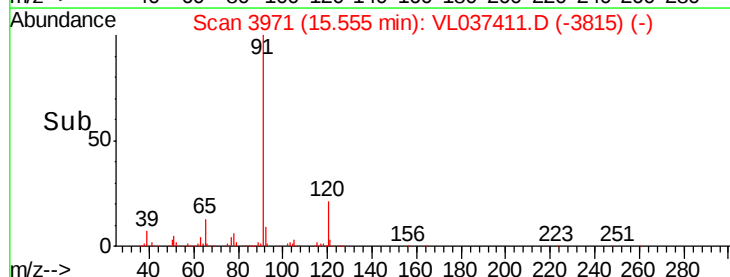
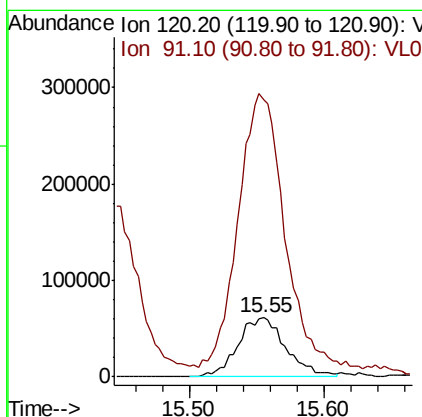
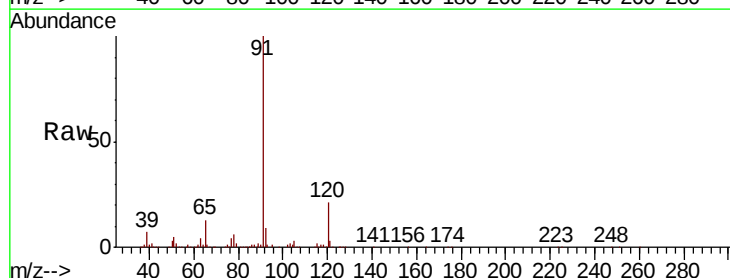
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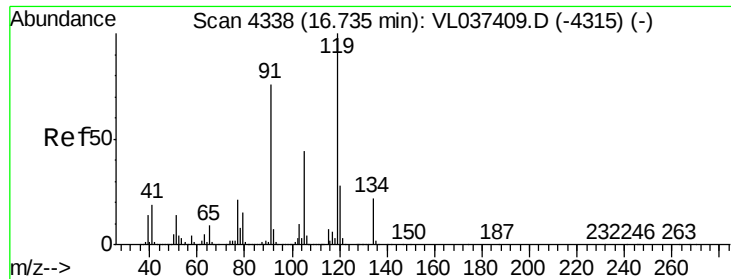
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#64
 n-propylbenzene
 Concen: 1.108 ppbv m
 RT: 15.55 min Scan# 3971
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	120	Resp	152429
Ion Ratio	Lower	Upper	
120	100		
91	500.1	388.4	582.6





#65

tert-Butylbenzene

Concen: 1.152 ppbv

RT: 16.73 min Scan# 4337

Delta R.T. -0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

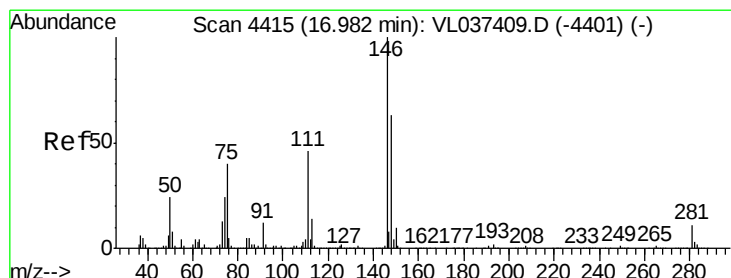
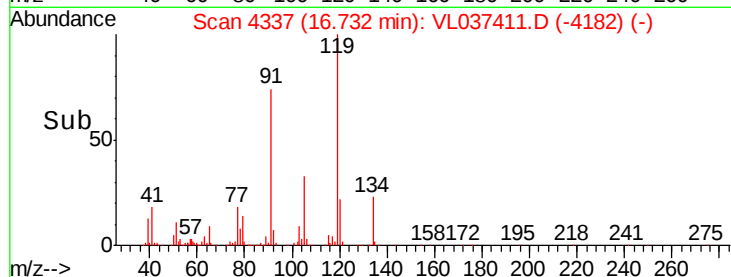
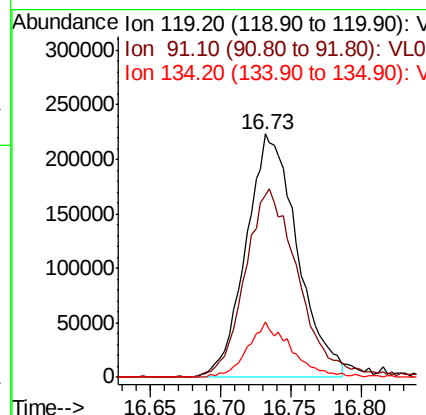
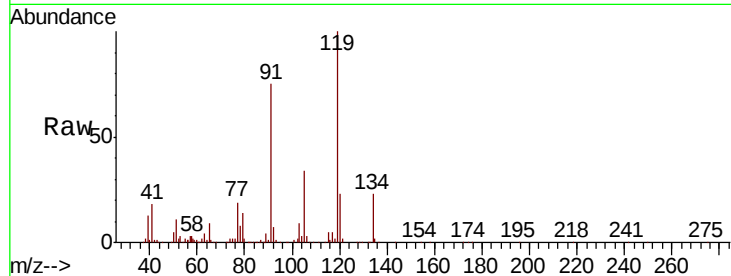
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	563173
Ion Ratio	Lower	Upper	
119	100		
91	81.5	62.2	93.4
134	20.0	16.1	24.1

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#66

Benzyl Chloride

Concen: 0.945 ppbv m

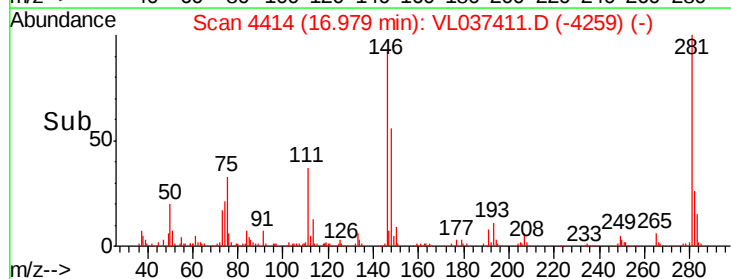
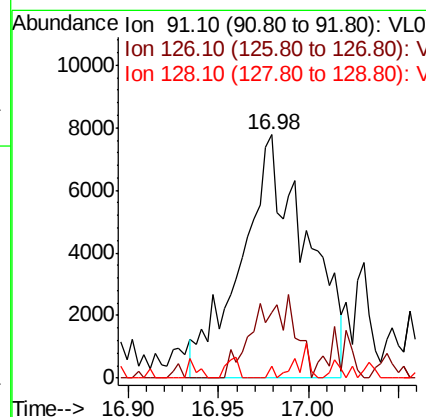
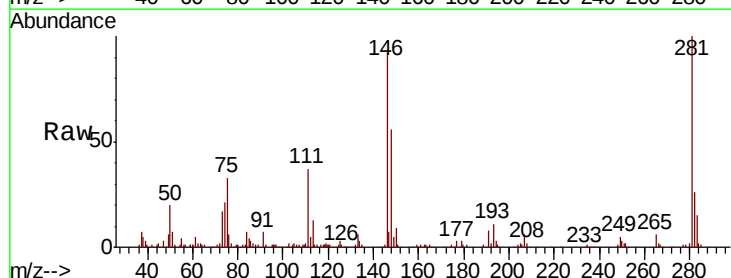
RT: 16.98 min Scan# 4414

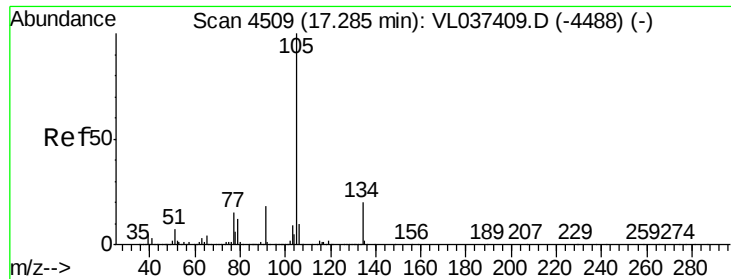
Delta R.T. -0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Tgt Ion:	91	Resp:	19598
Ion Ratio	Lower	Upper	
91	100		
126	27.2	14.3	21.5#
128	5.3	4.6	7.0





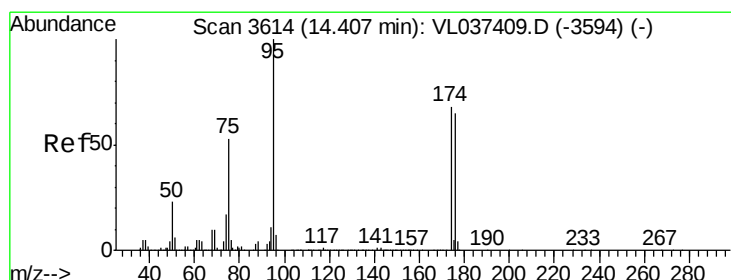
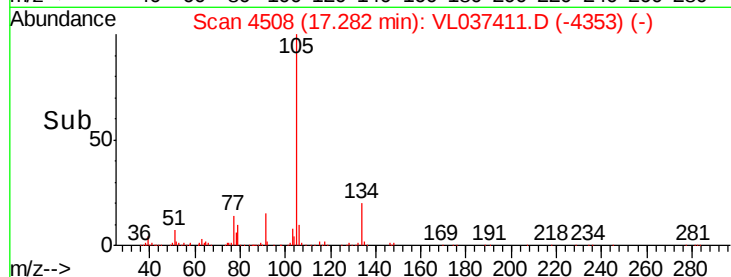
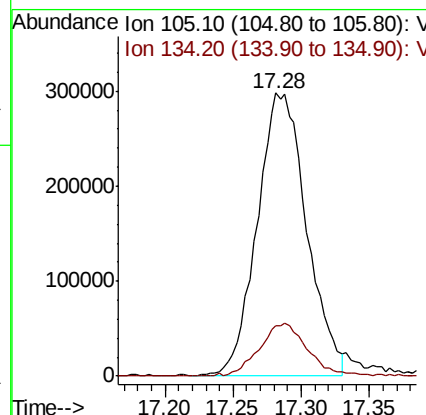
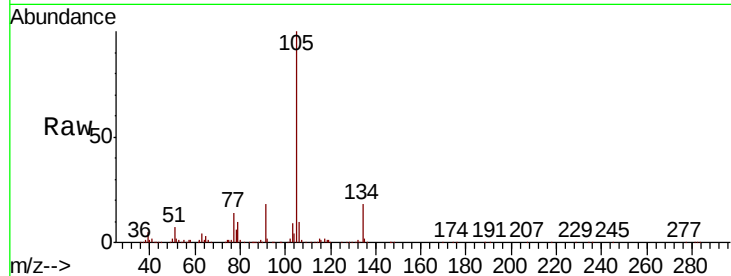
#67
 sec-Butylbenzene
 Concen: 1.113 ppbv
 RT: 17.28 min Scan# 4508
 Delta R.T. -0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.6	15.4	23.0

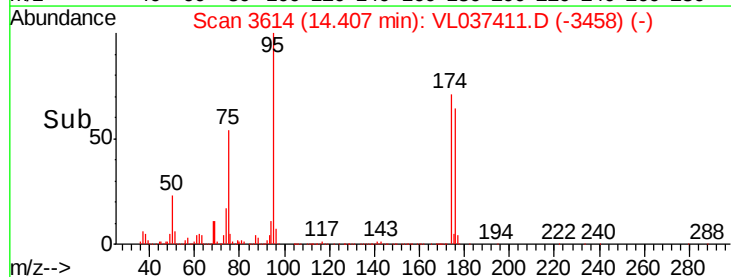
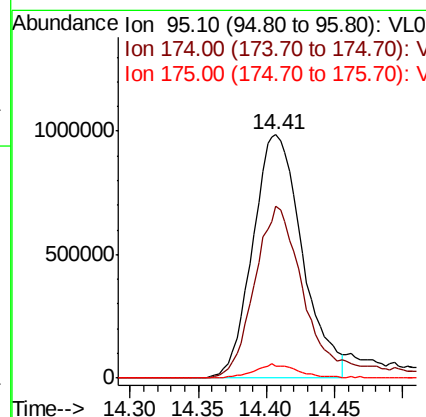
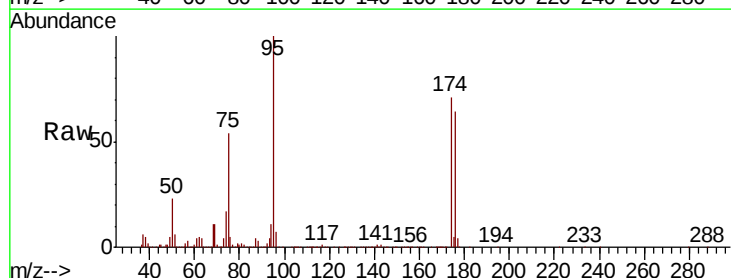
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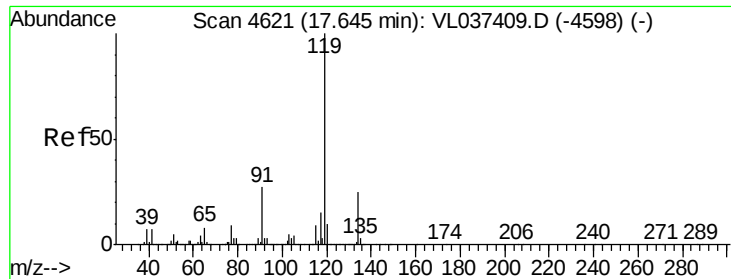
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.235 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	59.6	89.4
175	5.4	4.3	6.5





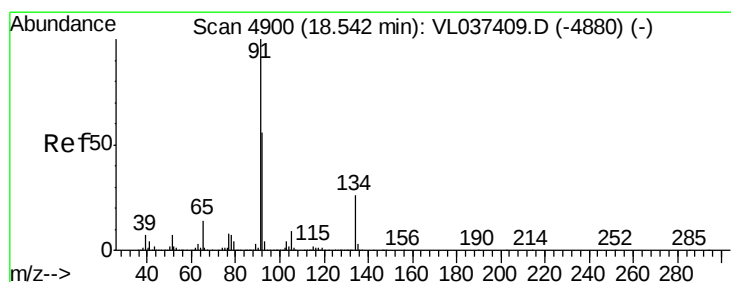
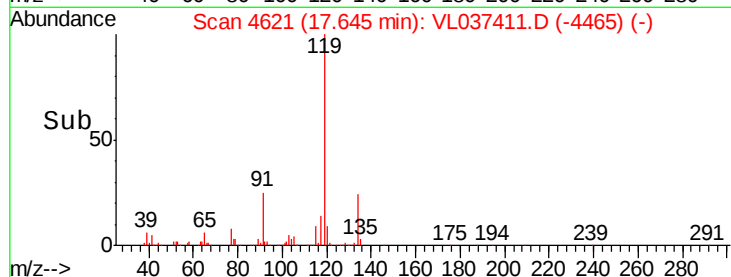
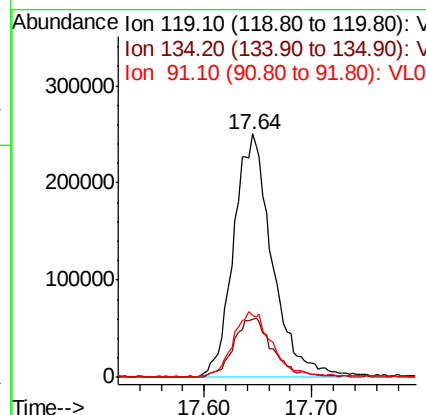
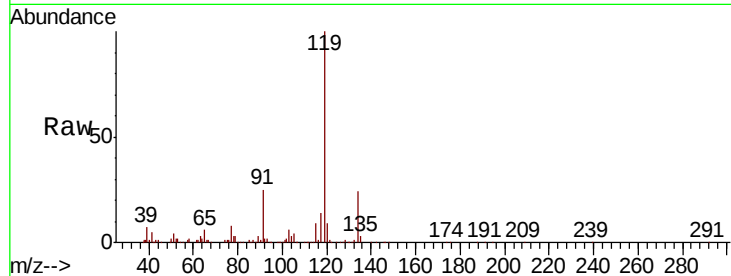
#69
 p-Isopropyltoluene
 Concen: 1.146 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	622112		
134	25.0	20.6	31.0	
91	27.2	22.4	33.6	

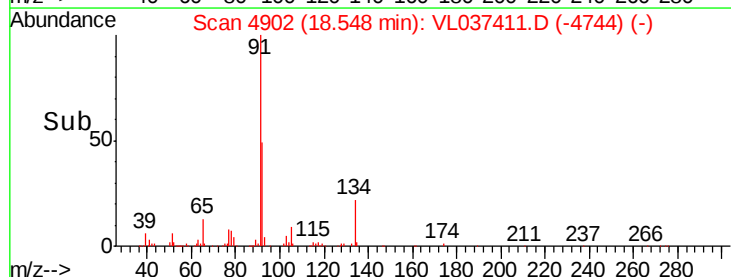
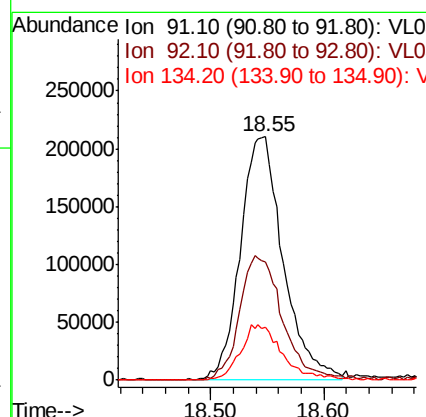
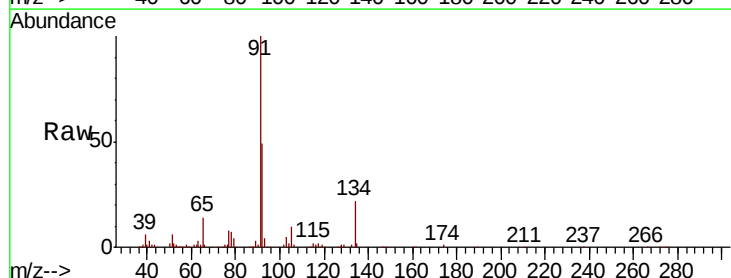
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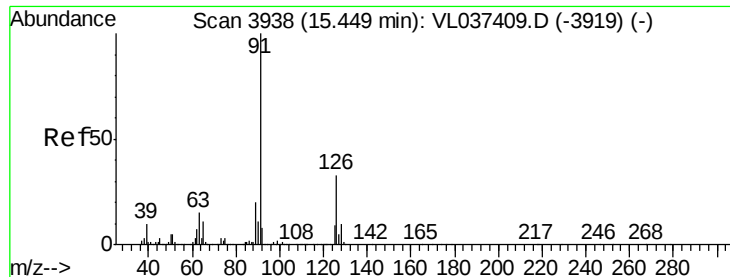
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#70
 n-Butylbenzene
 Concen: 1.083 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. 0.01 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	552359		
92	53.2	44.2	66.2	
134	22.3	19.5	29.3	





#71

2-Chlorotoluene

Concen: 1.077 ppbv

RT: 15.44 min Scan# 3936

Delta R.T. -0.01 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 426178

Ion Ratio Lower Upper

91 100

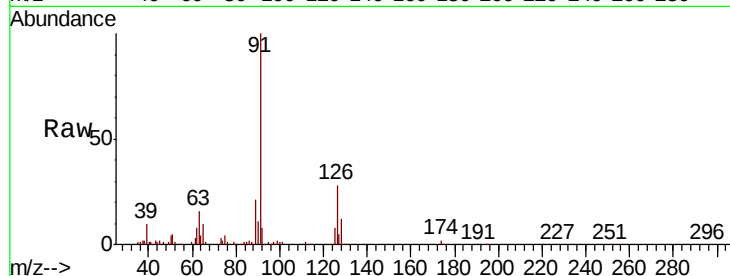
126 32.7 13.5 53.9

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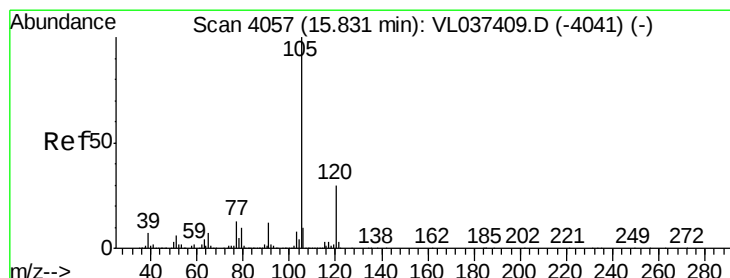
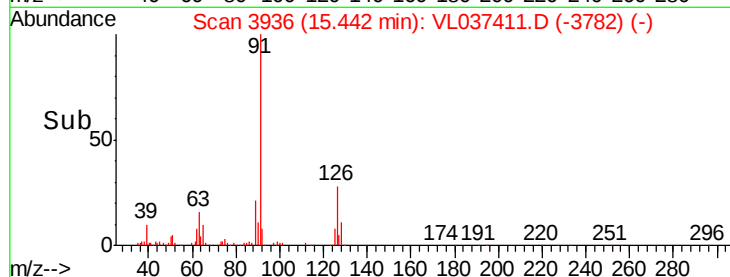
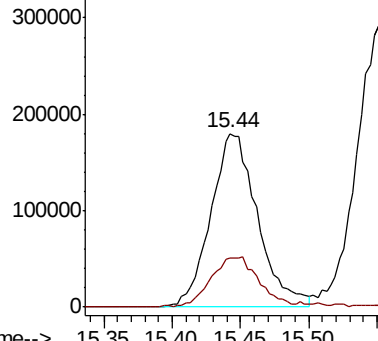
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 1.070 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. 0.00 min

Lab File: VL037411.D

Acq: 12 Aug 2021 12:18

Tgt Ion:105 Resp: 481773

Ion Ratio Lower Upper

105 100

120 30.4 25.0 37.4

91 14.8 11.2 16.8

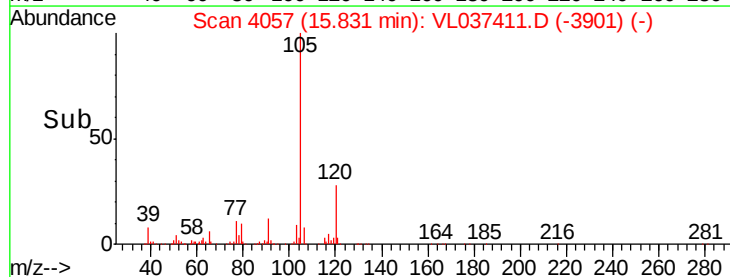
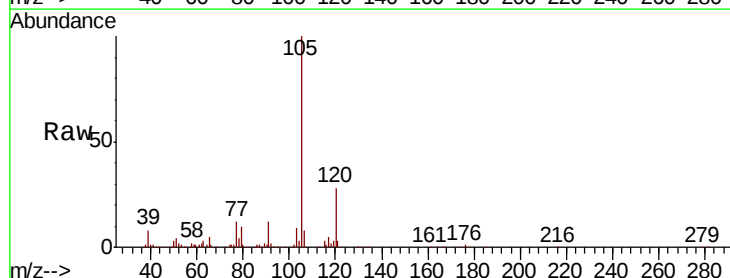
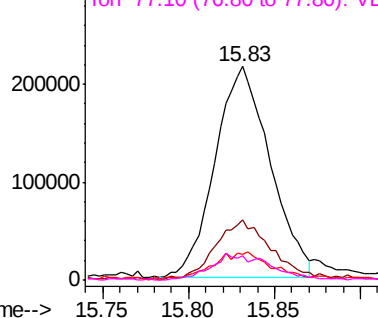
77 14.1 11.2 16.8

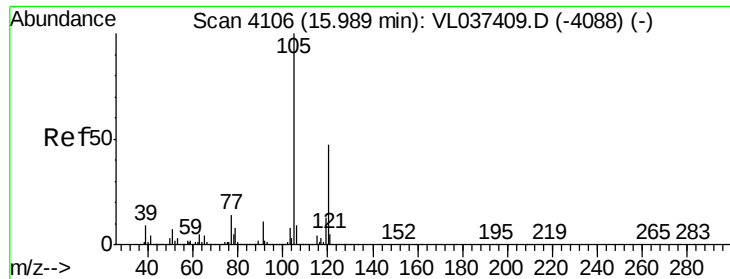
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





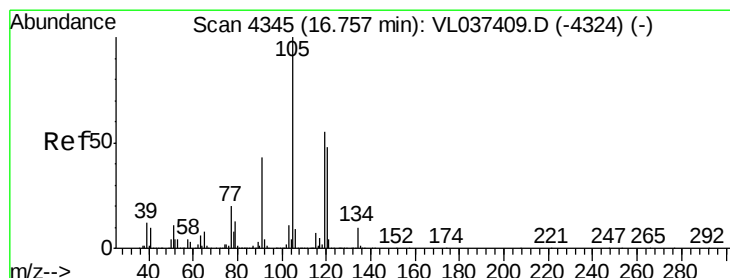
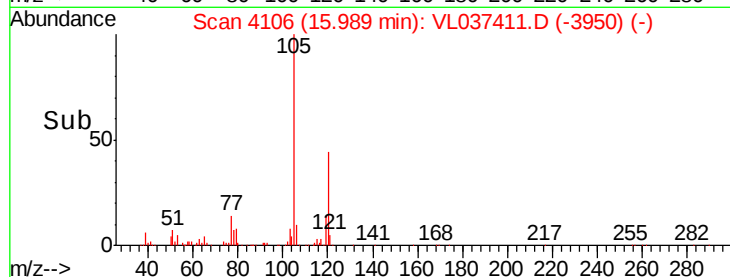
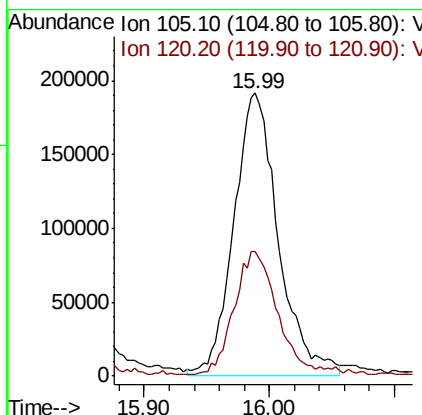
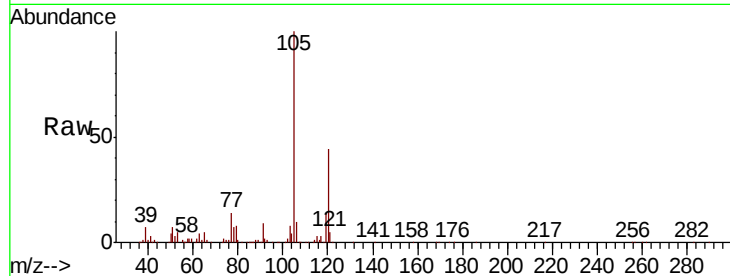
#73
 1,3,5-Trimethylbenzene
 Concen: 1.142 ppbv m
 RT: 15.99 min Scan# 4106
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.9	37.4	56.0

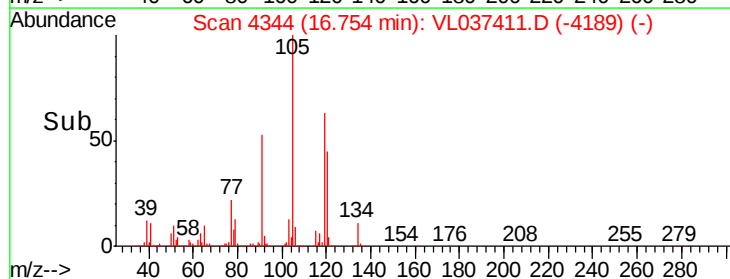
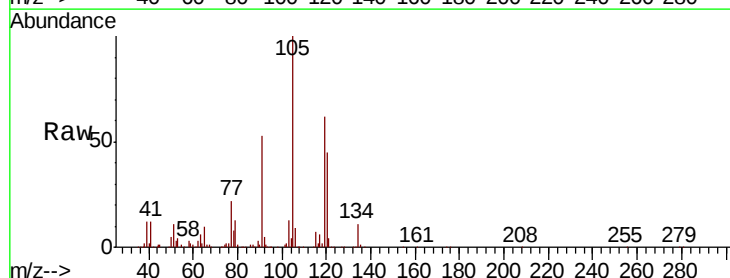
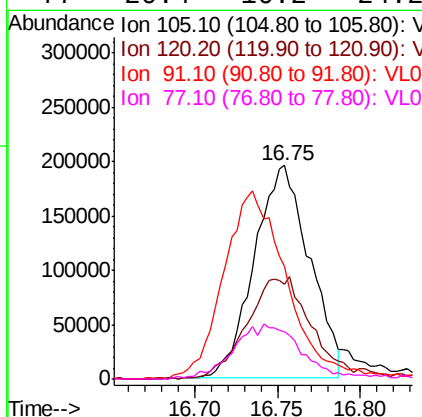
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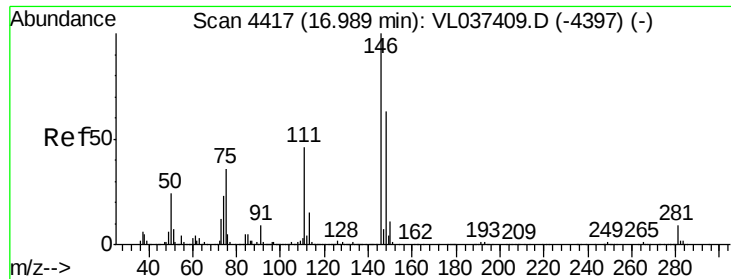
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#74
 1,2,4-Trimethylbenzene
 Concen: 1.076 ppbv
 RT: 16.75 min Scan# 4344
 Delta R.T. -0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	38.2	57.2
91	48.0	35.4	53.2
77	20.4	16.2	24.2





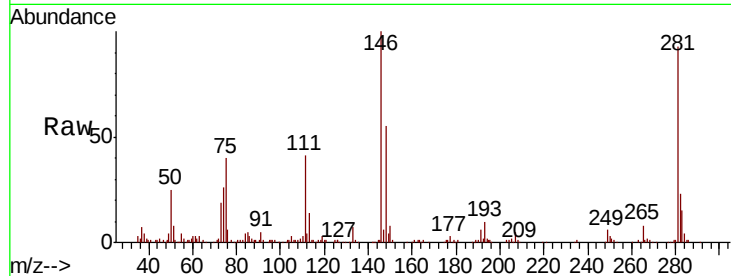
#75
 1,3-Dichlorobenzene
 Concen: 1.131 ppbv m
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampled :
 VSTDIC001

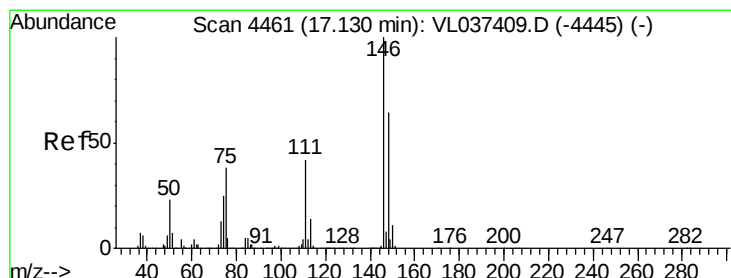
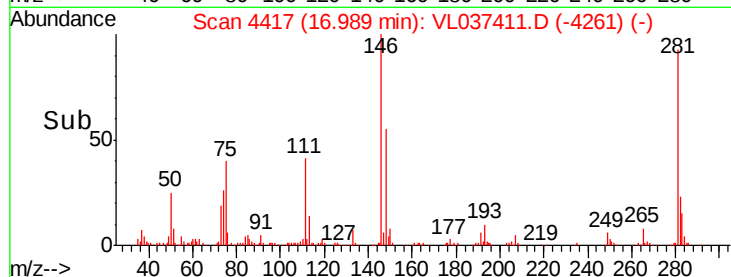
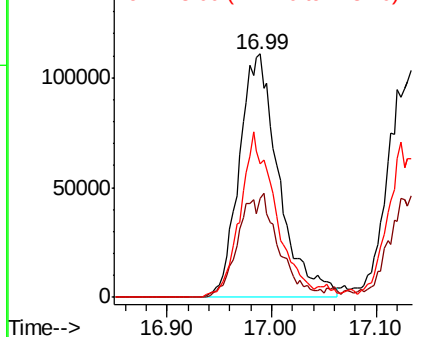
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.9	68.7
148	63.6	32.0	96.2

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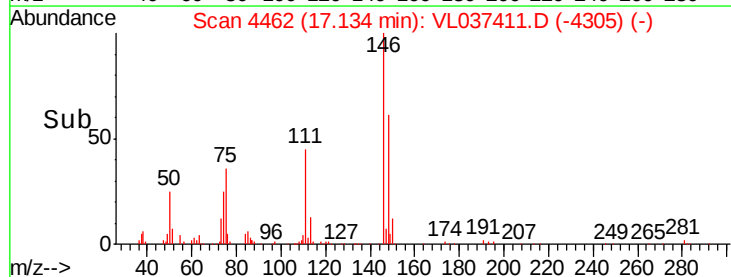
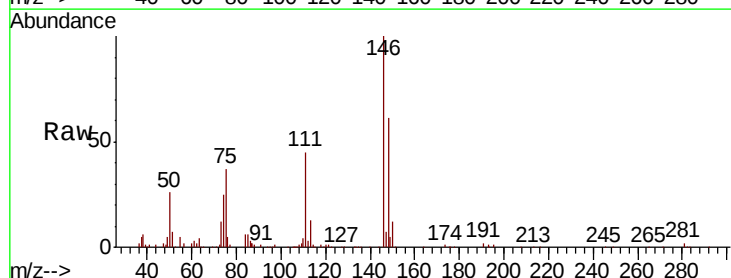
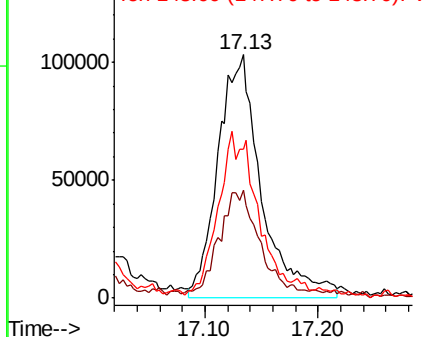
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

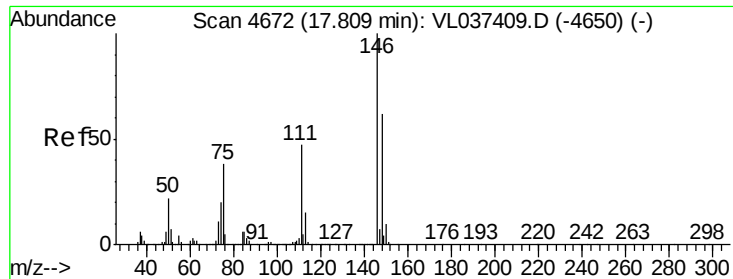


#76
 1,4-Dichlorobenzene
 Concen: 1.097 ppbv m
 RT: 17.13 min Scan# 4462
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.8	68.4#
148	63.3	34.0	102.0

Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V





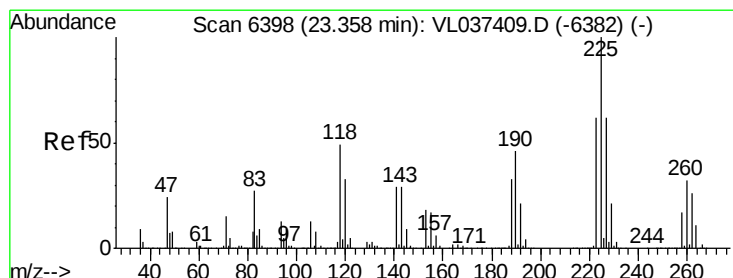
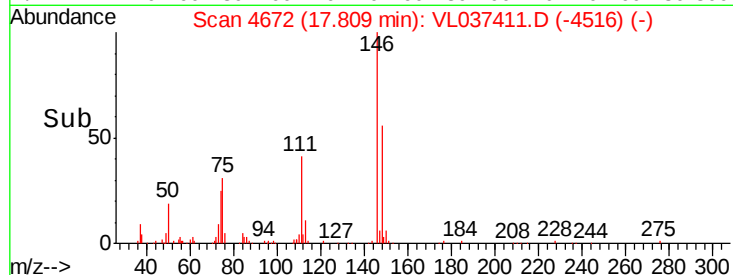
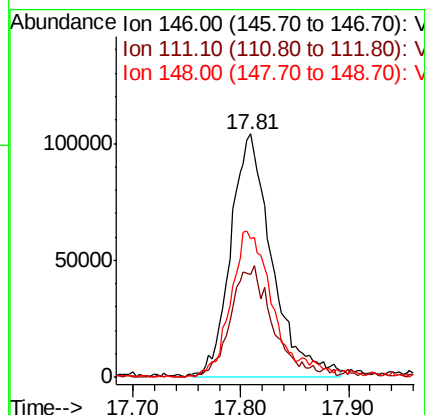
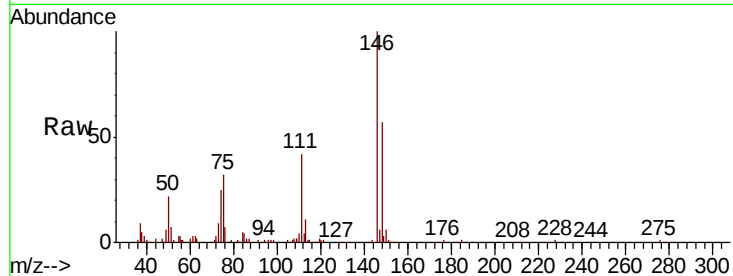
#77
 1,2-Dichlorobenzene
 Concen: 1.117 ppbv m
 RT: 17.81 min Scan# 4672
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.8	71.5
148	63.5	32.5	97.4

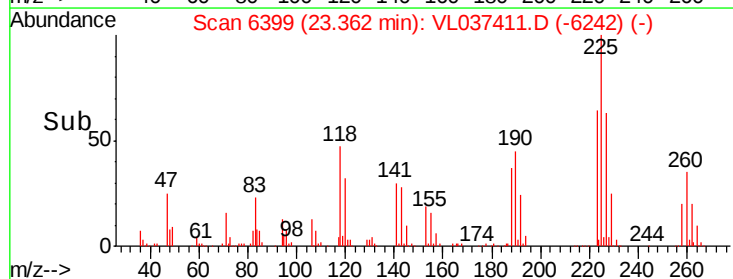
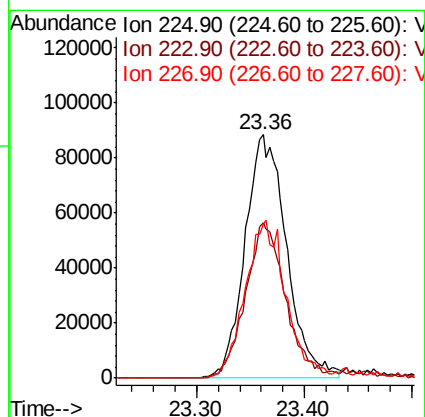
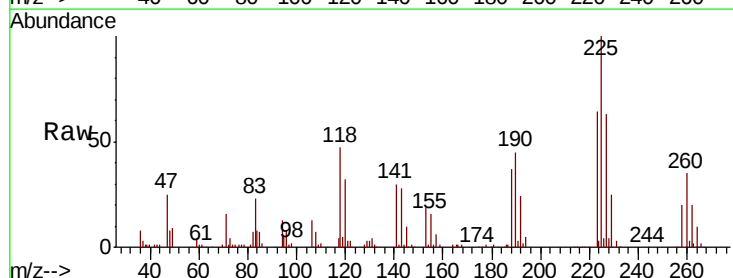
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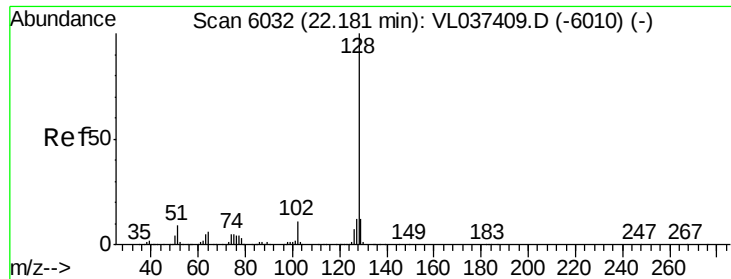
apatel
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#78
 Hexachloro-1,3-Butadiene
 Concen: 1.193 ppbv m
 RT: 23.36 min Scan# 6399
 Delta R.T. 0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.2	76.8
227	0.0	52.2	78.4#





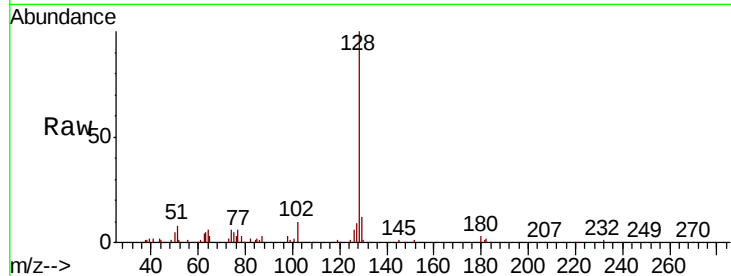
#79
Naphthalene
Concen: 0.809 ppbv m
RT: 22.19 min Scan# 6036
Delta R.T. 0.01 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

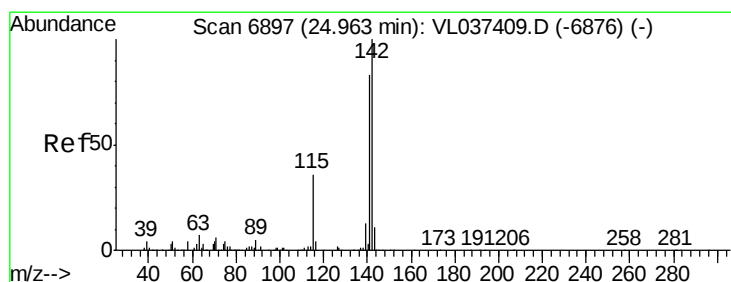
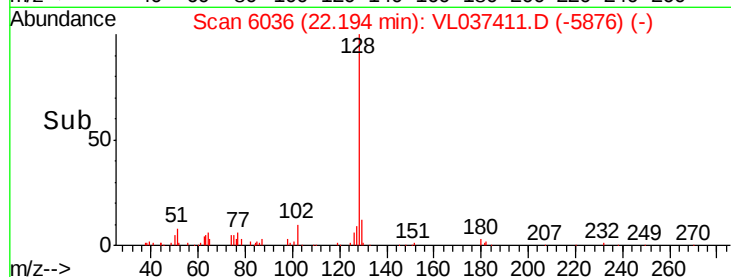
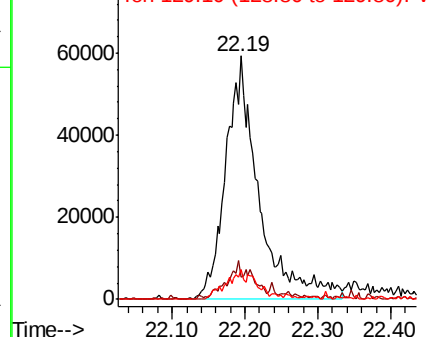
Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	9.0	9.9	14.9#
129	12.5	9.4	14.0

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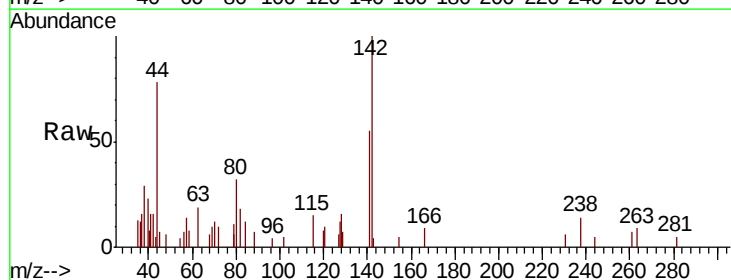


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

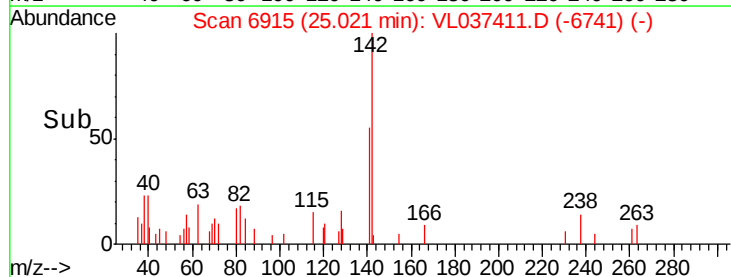
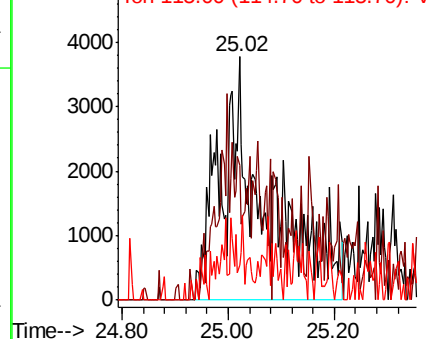


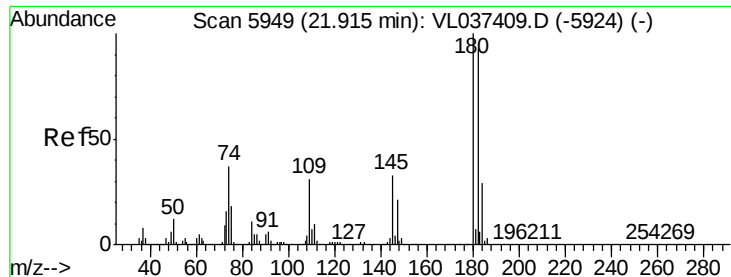
#80
Naphthalene, 2-methyl-
Concen: 0.496 ppbv m
RT: 25.02 min Scan# 6915
Delta R.T. 0.06 min
Lab File: VL037411.D
Acq: 12 Aug 2021 12:18

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	32.9	68.7	103.1#
115	5.9	32.7	49.1#



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.910 ppbv m
 RT: 21.91 min Scan# 5948
 Delta R.T. -0.00 min
 Lab File: VL037411.D
 Acq: 12 Aug 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	0.0	78.6	118.0#
184	0.0	24.6	36.8#

Manual Integrations
 APPROVED

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 8/13/2021 11:06:45 AM

