

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037375.D
 Acq On : 11 Aug 2021 2:24
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
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 8/12/2021 10:16:32 AM

Quant Time: Aug 11 04:22:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 11 04:22:54 2021
 QLast Update : Wed Aug 11 03:21:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1284517	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3884110	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3511838m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2675147	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1703547	7.779	ppbv	100
3) Chlorodifluoromethane	2.99	51	2125160	8.576	ppbv	100
4) Chloromethane	3.14	50	777472	9.329	ppbv	100
5) Vinyl Chloride	3.26	62	817903	8.970	ppbv	100
6) Bromomethane	3.47	94	438923	8.265	ppbv	100
7) Chloroethane	3.56	64	268856	8.213	ppbv	100
8) Dichlorotetrafluoroethane	3.19	85	1860737	8.261	ppbv	100
9) Propene	3.01	41	725096	9.076	ppbv	100
10) Heptane	8.12	43	1869986	9.626	ppbv	99
11) Trichlorofluoromethane	3.95	101	1776129	7.706	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1222951	7.561	ppbv	100
13) Ethanol	3.62	45	93822m	7.702	ppbv	
14) Bromoethene	3.74	108	597616	8.688	ppbv	100
15) Acetone	3.85	43	982681	6.862	ppbv	97
16) 1,3-Butadiene	3.33	39	787424	9.253	ppbv	100
17) tert-Butyl alcohol	4.29	59	1088296	8.477	ppbv	98
18) 1,1-Dichloroethene	4.29	96	567440	7.880	ppbv	100
19) Isopropyl Alcohol	3.96	45	659957	7.802	ppbv	100
20) Methylene Chloride	4.34	84	513872	6.024	ppbv	100
21) Allyl Chloride	4.41	41	923103	8.602	ppbv	100
22) trans-1,2-Dichloroethene	4.88	96	559092	7.853	ppbv	100
23) Vinyl Acetate	5.07	43	1936899	9.336	ppbv	100
24) 1,1-Dichloroethane	5.01	63	1450640	8.809	ppbv	100
25) Ethyl Acetate	5.67	43	2934163	9.315	ppbv	100
26) Hexane	5.68	57	1379086	8.697	ppbv	100
27) Carbon Disulfide	4.55	76	1373904	9.139	ppbv	100
28) Methyl tert-Butyl Ether	5.03	73	1617415	8.669	ppbv	100
29) Chloroform	5.75	83	2070837	8.569	ppbv	100
30) Cyclohexane	7.12	84	1207761	9.144	ppbv	100
31) cis-1,2-Dichloroethene	5.55	61	1352742	9.305	ppbv	100
32) 1,1,1-Trichloroethane	6.51	97	2013767	7.825	ppbv	100
34) 2-Butanone	5.24	43	1259340	8.432	ppbv	100
35) Carbon Tetrachloride	7.01	117	2102138	8.279	ppbv	100
36) Benzene	6.89	78	2928418	9.345	ppbv	100
37) 1,2-Dichloroethane	6.30	62	1495280	8.413	ppbv	100
38) Trichloroethene	7.83	130	1150672	7.783	ppbv	100
39) 1,2-Dichloropropane	7.61	63	1105724	9.532	ppbv	100
40) 1,4-Dioxane	7.83	88	267269	8.375	ppbv #	100
41) Tetrahydrofuran	6.05	42	660214	9.458	ppbv	100
42) Bromodichloromethane	7.79	83	2181760	8.900	ppbv	100
43) Methyl Methacrylate	8.01	69	1060820	9.837	ppbv	99

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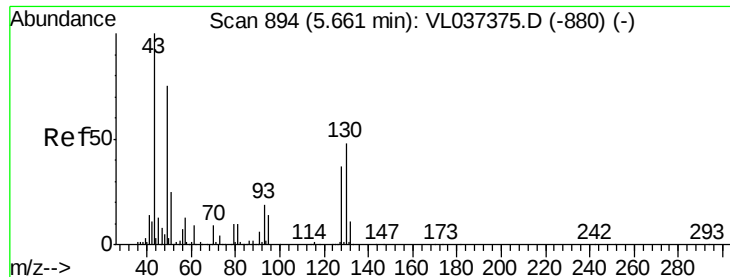
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4847173	9.168	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	927233	10.116	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1177441	9.345	ppbv	100
47) 1,1,2-Trichloroethane	9.47	97	1200902	9.089	ppbv	100
48) Dibromochloromethane	10.30	129	1934399	9.474	ppbv	100
49) Bromoform	13.03	173	1555252	10.218	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1904263	9.316	ppbv	100
51) 2-Hexanone	10.13	43	878907	8.969	ppbv	100
52) Tetrachloroethene	11.22	164	1092468	7.589	ppbv	100
53) Toluene	9.80	91	3461392	9.266	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1759713	9.295	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.12	131	1295653	8.649	ppbv	99
57) Chlorobenzene	12.14	112	2499884	8.851	ppbv	100
58) Ethyl Benzene	12.70	91	4515672	9.365	ppbv	100
59) m/p-Xylene	12.99	91	7509298m	18.361	ppbv	
60) o-Xylene	13.69	91	3485730	8.994	ppbv	100
61) Styrene	13.52	104	1962424	9.899	ppbv	100
62) Isopropylbenzene	14.66	105	4924274	8.911	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2509775	9.575	ppbv	100
64) n-propylbenzene	15.55	120	1275449	9.291	ppbv	100
65) tert-Butylbenzene	16.73	119	4349483	8.888	ppbv	100
66) Benzyl Chloride	16.97	91	229523m	10.635	ppbv	
67) sec-Butylbenzene	17.29	105	6119289	9.282	ppbv	100
69) p-Isopropyltoluene	17.64	119	5079374	9.195	ppbv	100
70) n-Butylbenzene	18.54	91	4946532	9.613	ppbv	100
71) 2-Chlorotoluene	15.44	91	3608341	9.313	ppbv	100
72) 4-Ethyltoluene	15.83	105	4240839	9.582	ppbv	100
73) 1,3,5-Trimethylbenzene	15.99	105	3827037	8.958	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	3968575	9.030	ppbv	100
75) 1,3-Dichlorobenzene	16.99	146	2421467	9.059	ppbv	100
76) 1,4-Dichlorobenzene	17.13	146	2310626	8.651	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2288924	8.848	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1658602	7.507	ppbv	100
79) Naphthalene	22.18	128	2851721	8.157	ppbv	100
80) Naphthalene, 2-methyl-	24.97	142	522869	6.236	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	1732011	8.405	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 49 Resp: 1284517

Ion Ratio Lower Upper

49 100

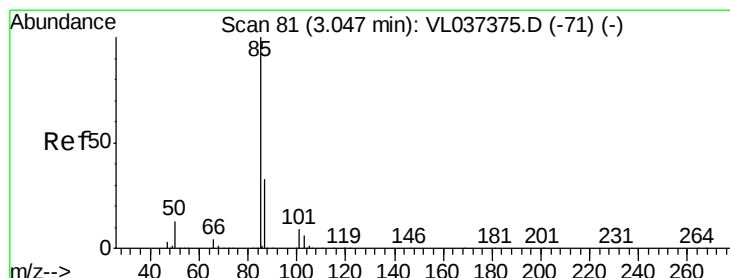
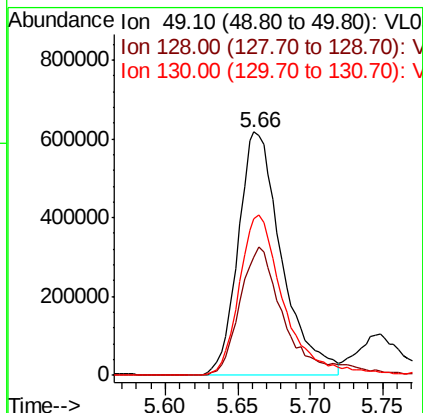
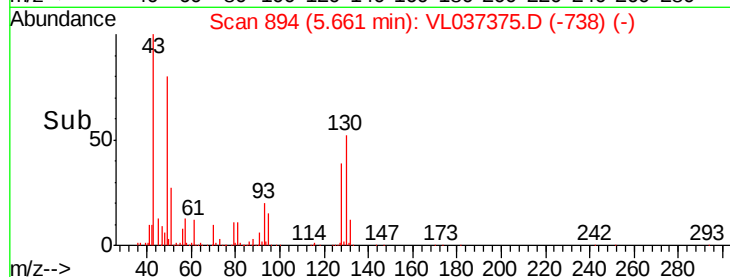
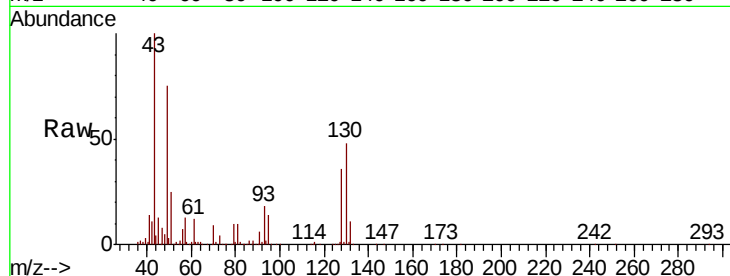
128 56.3 28.1 84.2

130 68.5 34.6 103.8

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#2

Dichlorodifluoromethane

Concen: 7.779 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL037375.D

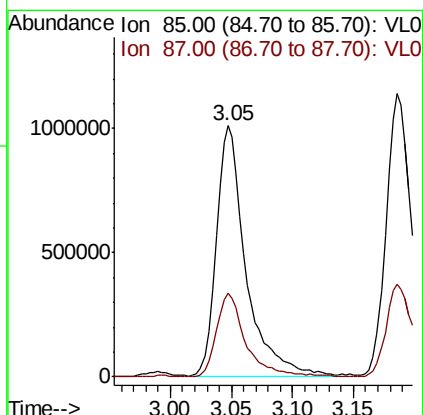
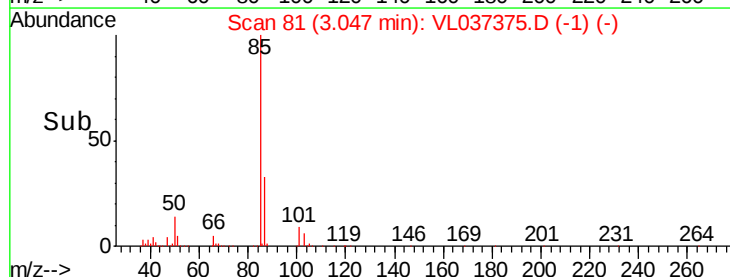
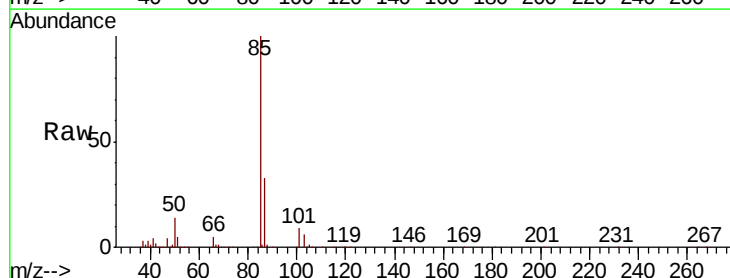
Acq: 11 Aug 2021 2:24

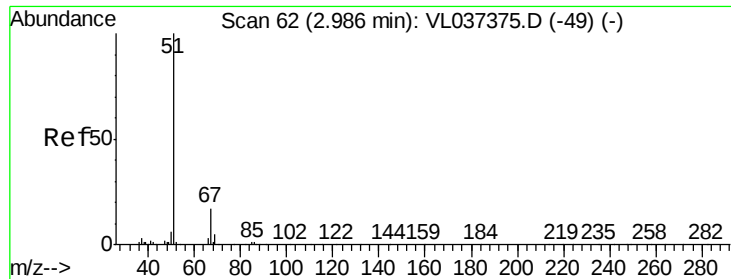
Tgt Ion: 85 Resp: 1703547

Ion Ratio Lower Upper

85 100

87 33.2 26.6 39.8





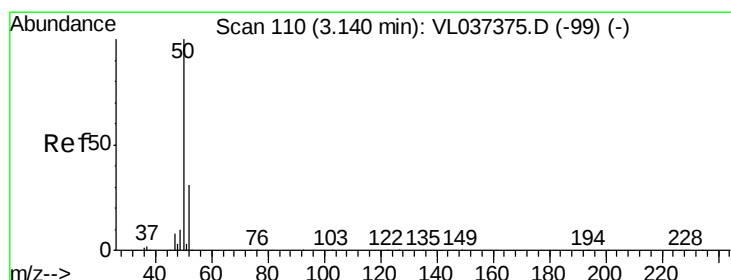
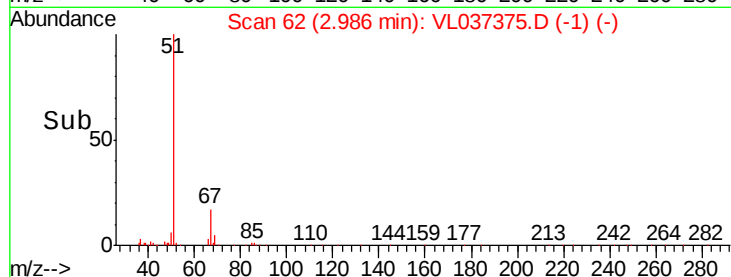
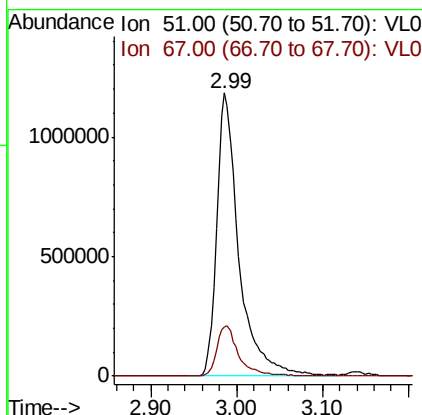
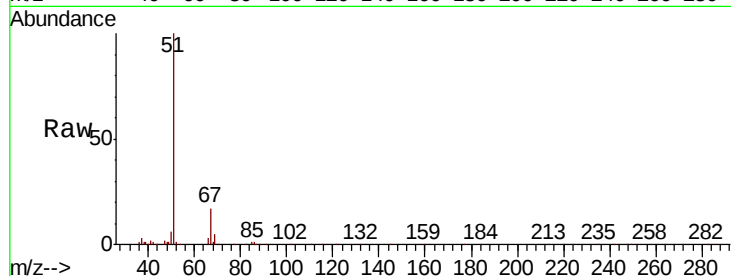
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Chlorodifluoromethane
Concen: 8.576 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 51 Resp: 2125160
Ion Ratio Lower Upper
51 100
67 17.9 14.3 21.5

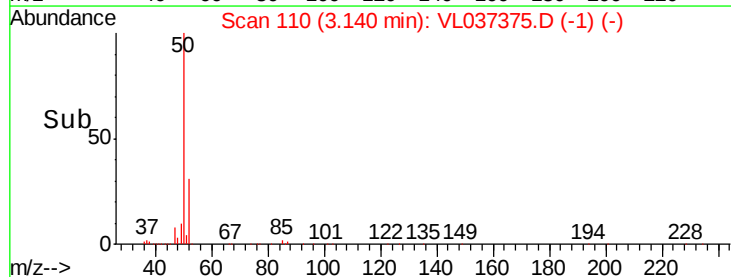
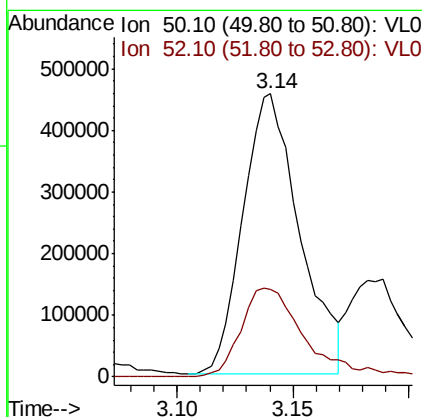
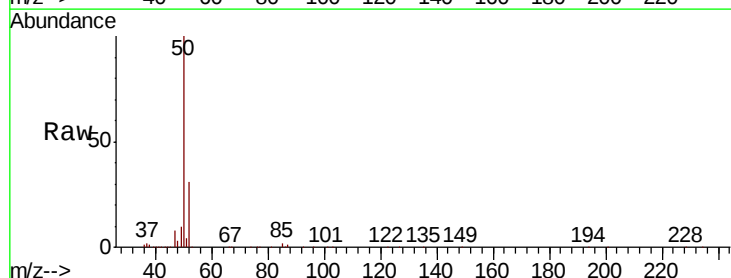
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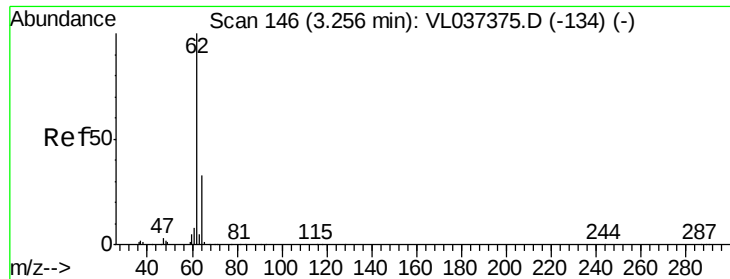
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#4
Chloromethane
Concen: 9.329 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion: 50 Resp: 777472
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4





#5

Vinyl Chloride

Concen: 8.970 ppbv

RT: 3.26 min Scan# 146

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 62 Resp: 817903

Ion Ratio Lower Upper

62 100

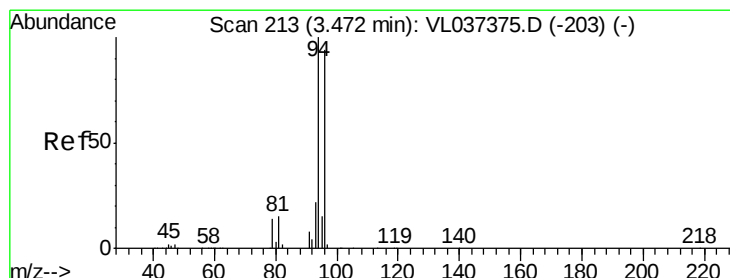
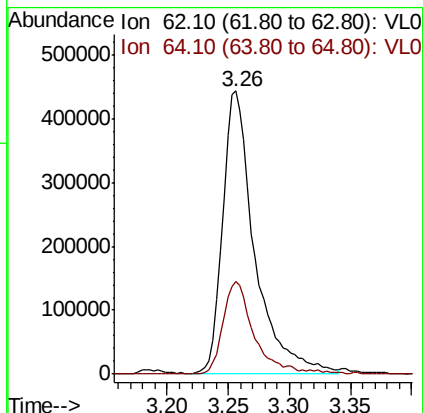
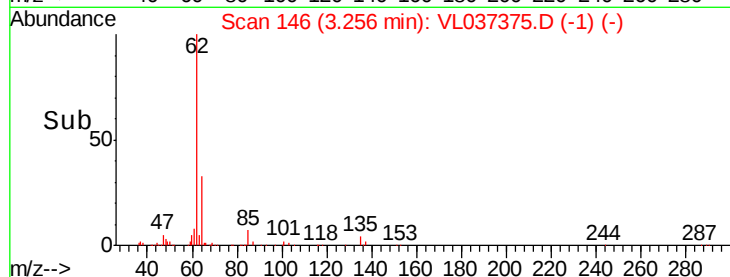
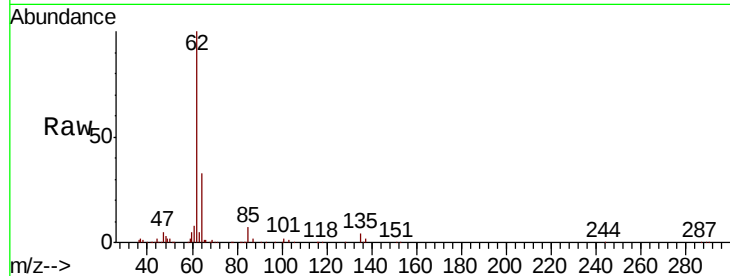
64 32.8 26.2 39.4

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#6

Bromomethane

Concen: 8.265 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL037375.D

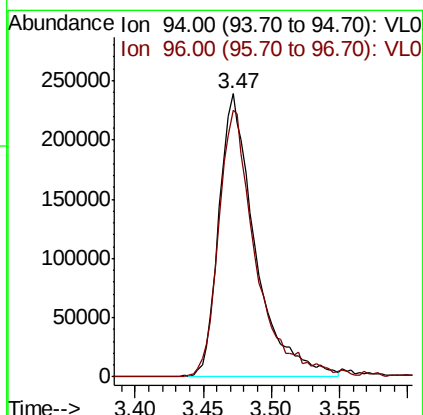
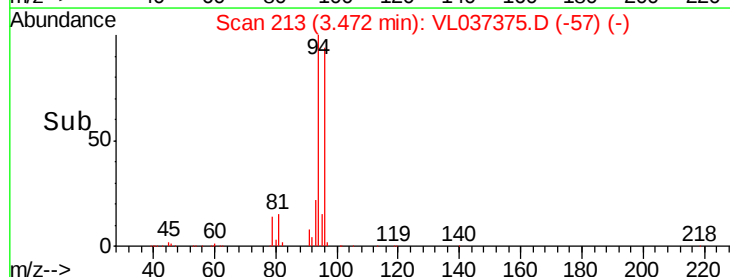
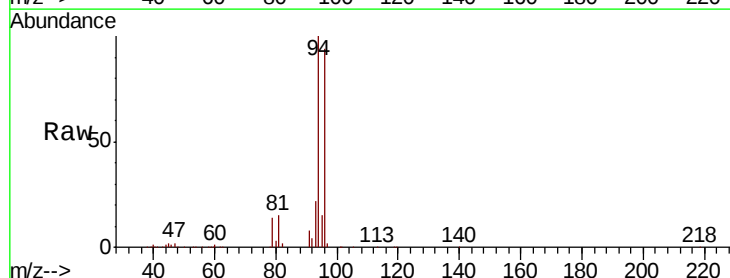
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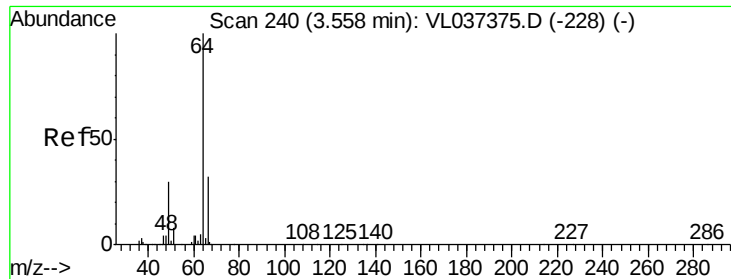
Tgt Ion: 94 Resp: 438923

Ion Ratio Lower Upper

94 100

96 93.8 75.0 112.6





#7

Chloroethane

Concen: 8.213 ppbv

RT: 3.56 min Scan# 240

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 64 Resp: 268856

Ion Ratio Lower Upper

64 100

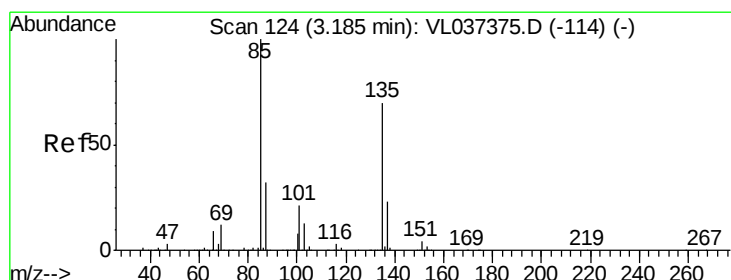
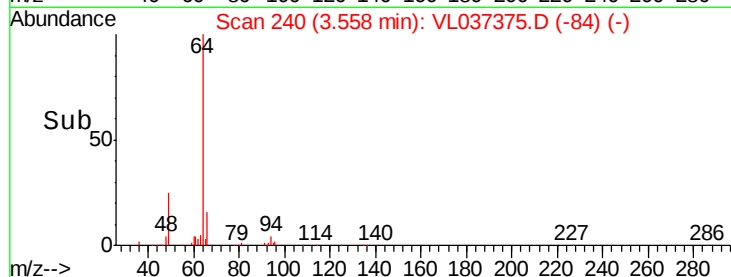
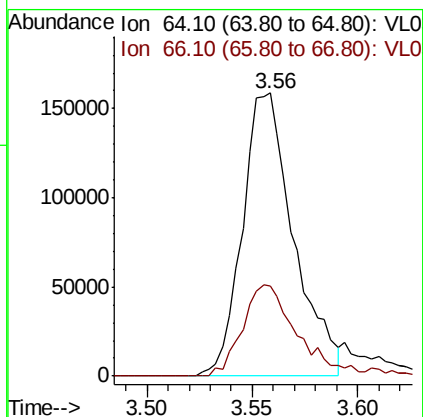
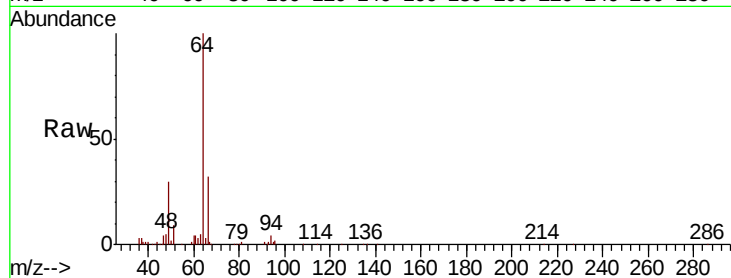
66 31.7 25.4 38.0

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#8

Dichlorotetrafluoroethane

Concen: 8.261 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL037375.D

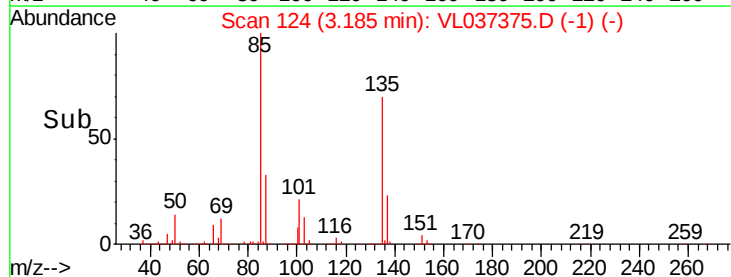
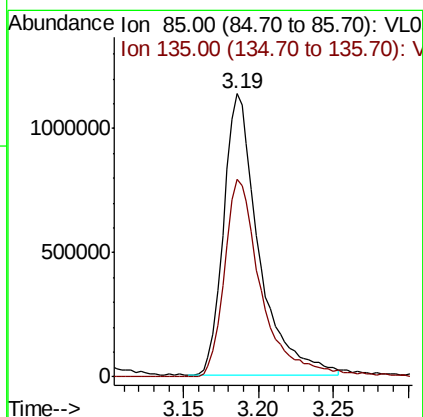
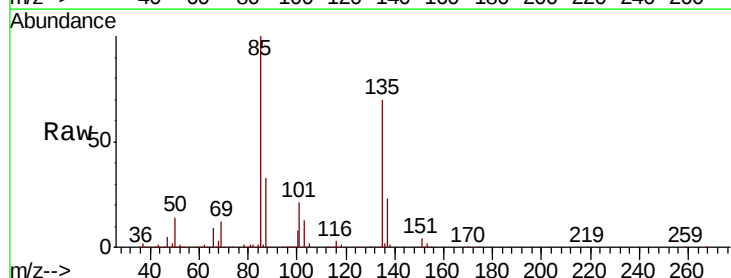
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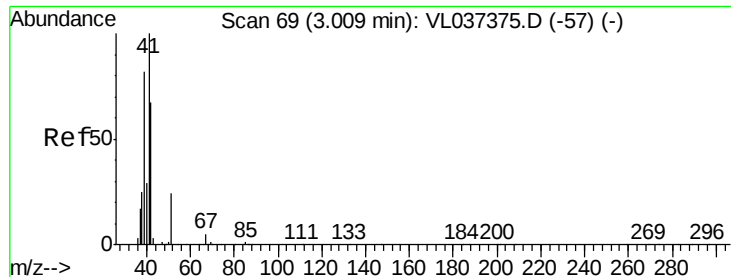
Tgt Ion: 85 Resp: 1860737

Ion Ratio Lower Upper

85 100

135 74.7 59.8 89.6





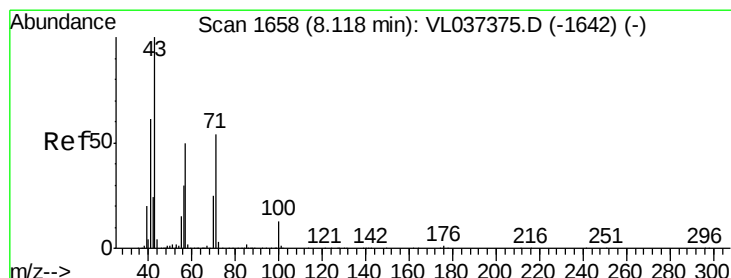
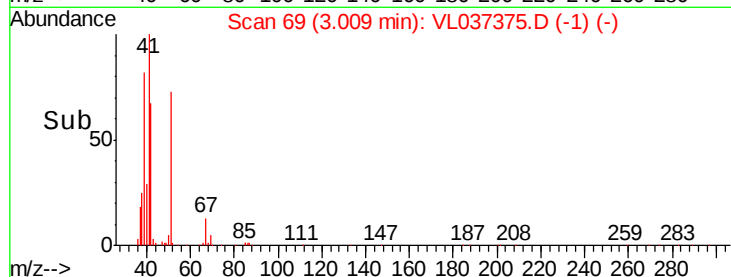
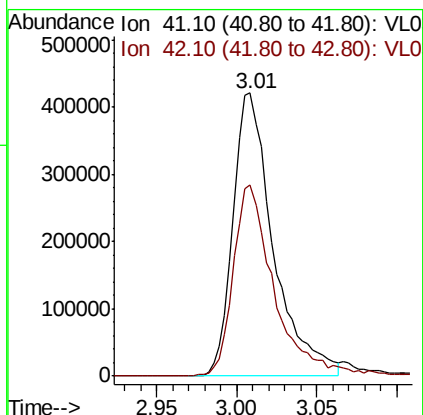
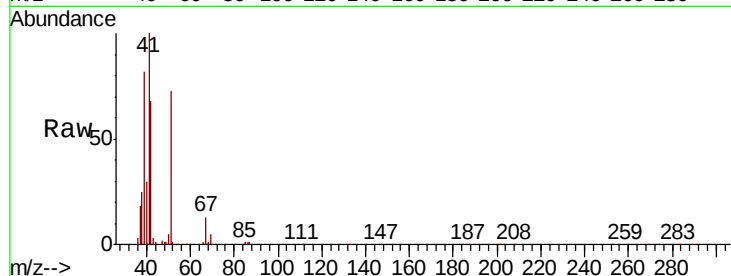
#9
 Propene
 Concen: 9.076 ppbv
 RT: 3.01 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
41	100		
42	69.4	55.5	83.3

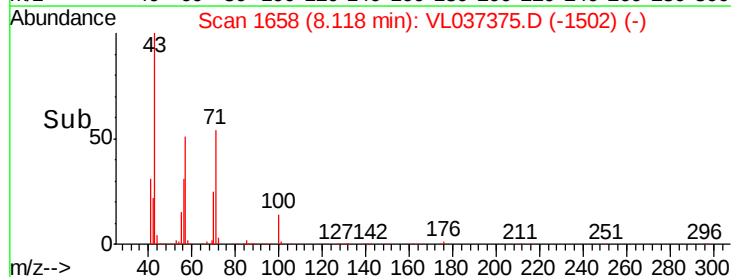
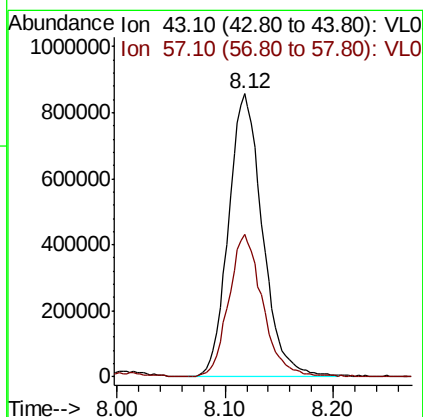
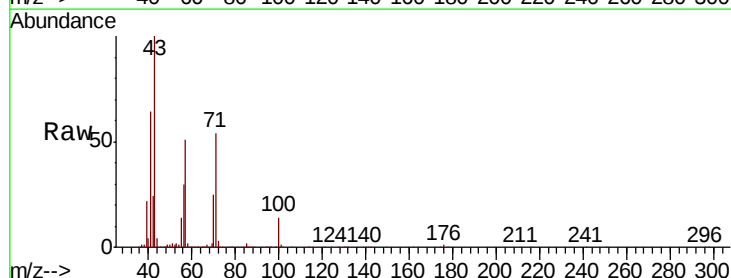
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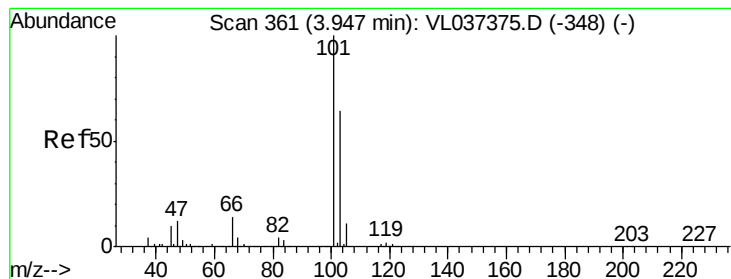
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#10
 Heptane
 Concen: 9.626 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VL037375.D
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Tgt Ion	Ratio	Lower	Upper
43	100		
57	50.2	41.0	61.4





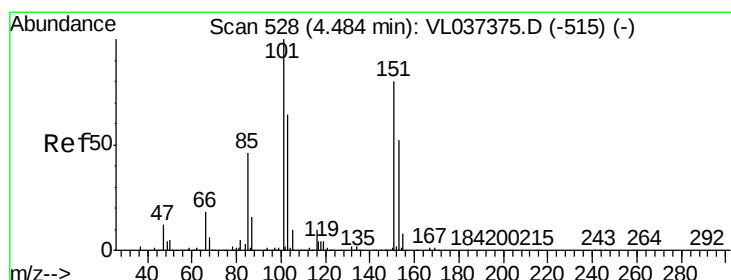
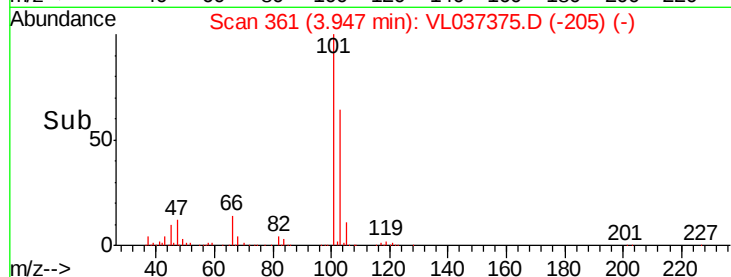
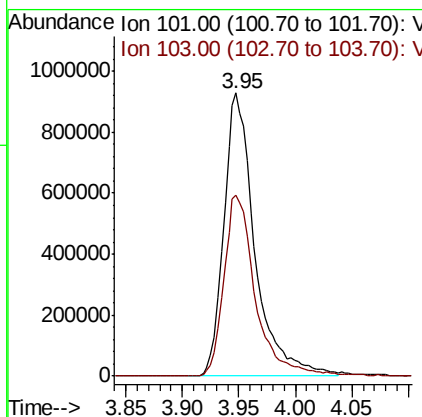
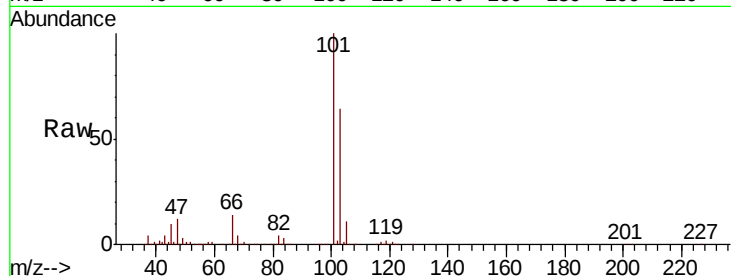
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 Trichlorofluoromethane
 Concen: 7.706 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:101 Resp: 1776129
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8

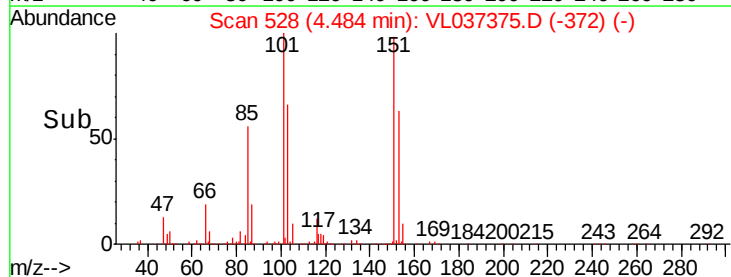
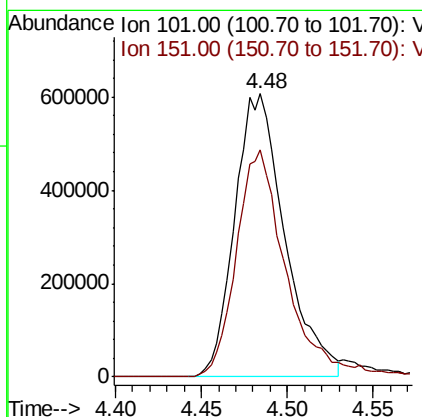
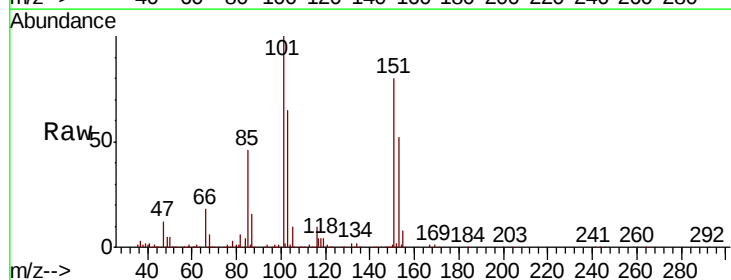
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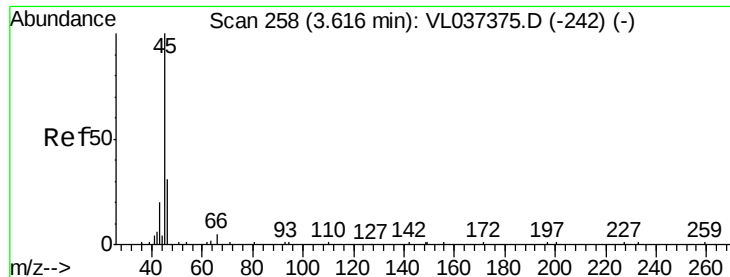
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.561 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt Ion:101 Resp: 1222951
 Ion Ratio Lower Upper
 101 100
 151 81.1 64.9 97.3





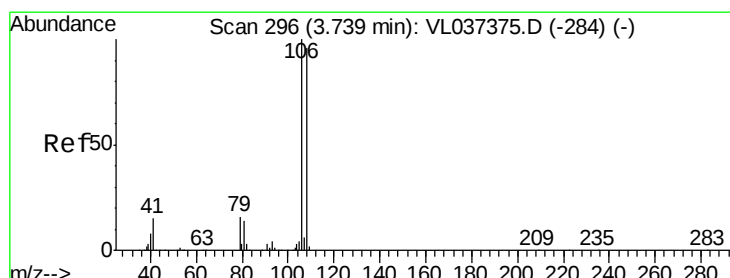
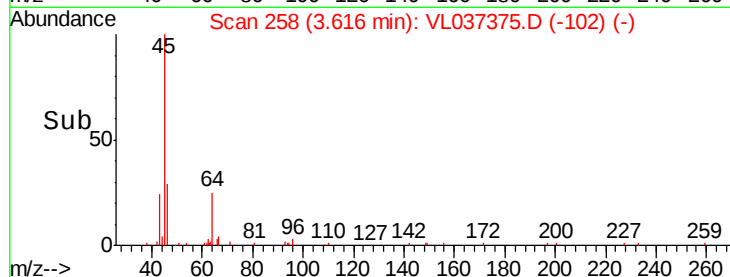
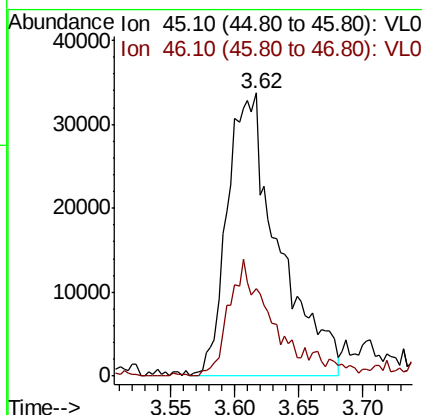
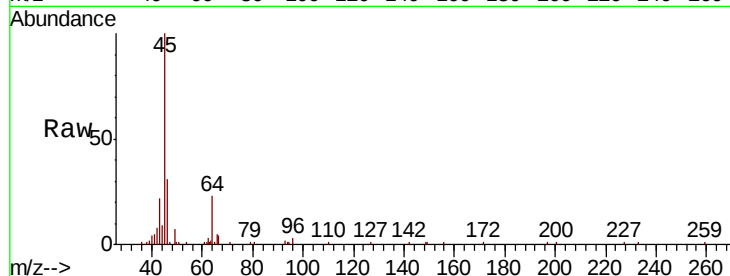
#13
Ethanol
Concen: 7.702 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
45	100		
46	39.6	14.8	59.2

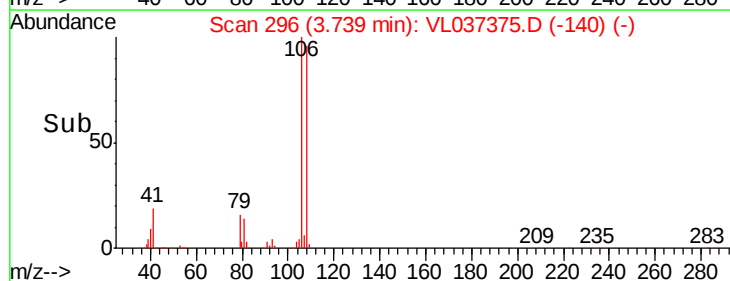
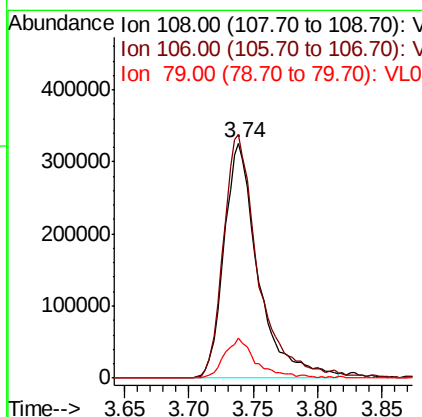
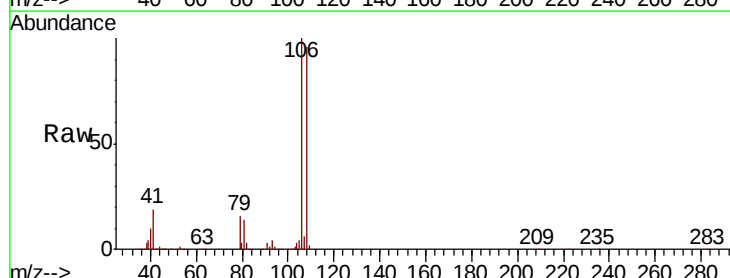
Manual Integrations
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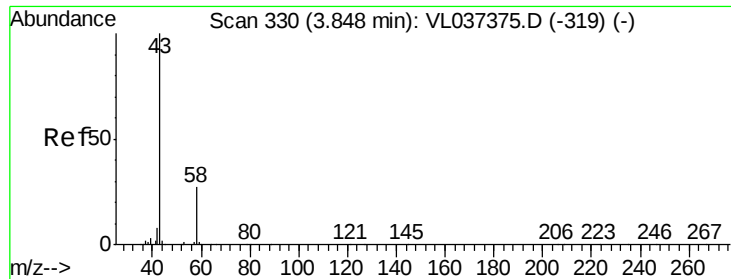
apatel
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#14
Bromoethene
Concen: 8.688 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
108	100		
106	107.8	86.2	129.4
79	16.5	13.2	19.8





#15

Acetone

Concen: 6.862 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Tot Ion: 43 Resp: 982681

Ion Ratio Lower Upper

43 100

58 30.8 26.0 39.0

Instrument :

MSVOA_L

ClientSampleId :

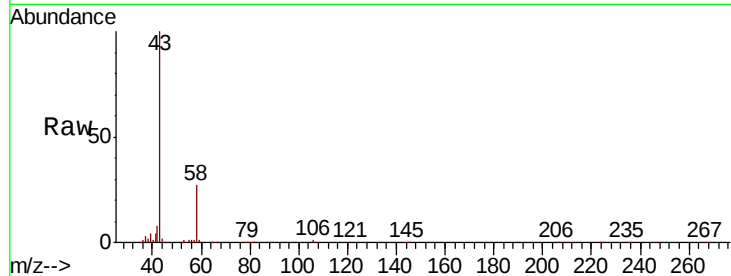
VSTDICCC010

Manual Integrations

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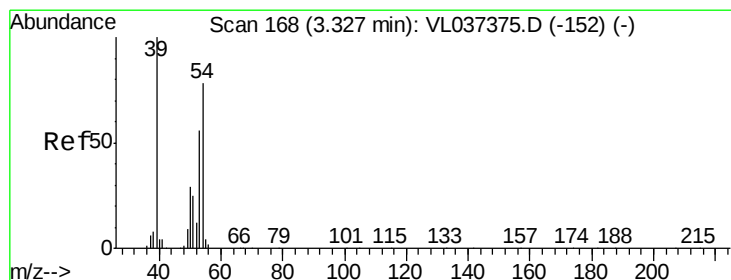
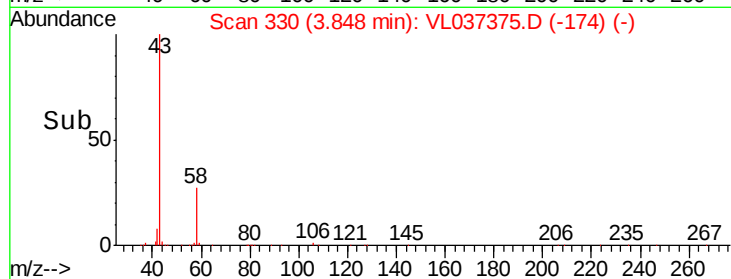
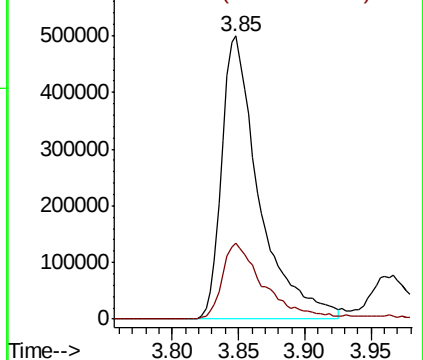
apatel

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 9.253 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL037375.D

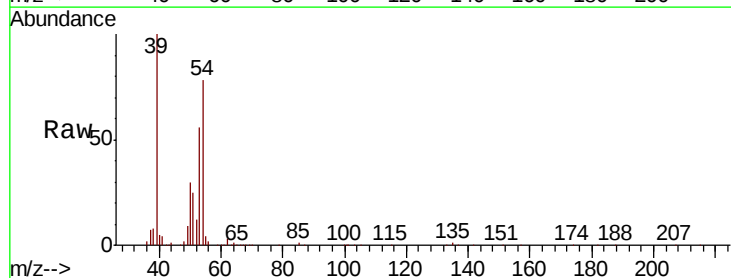
Acq: 11 Aug 2021 2:24

Tgt Ion: 39 Resp: 787424

Ion Ratio Lower Upper

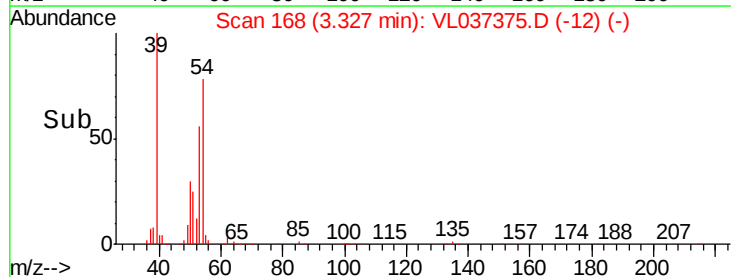
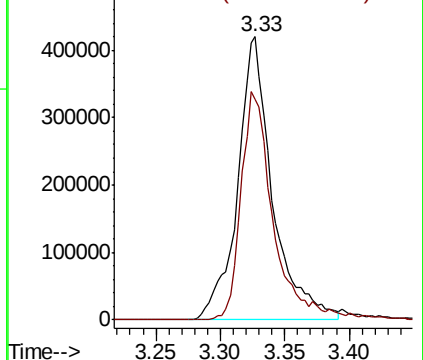
39 100

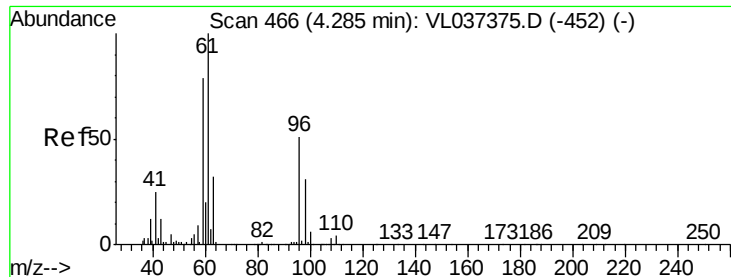
54 76.1 61.0 91.4



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

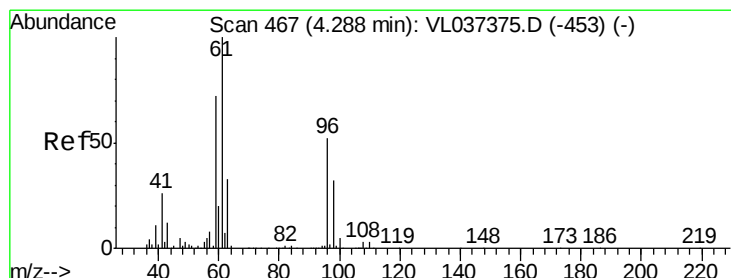
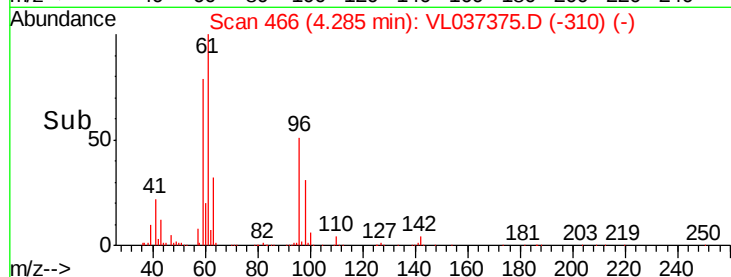
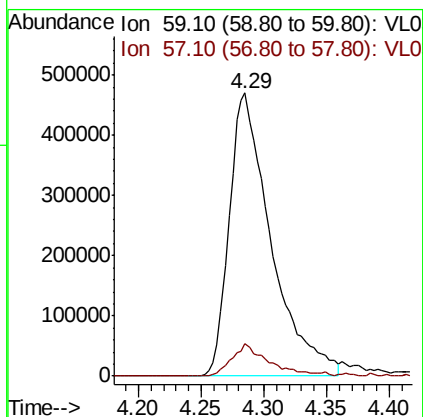
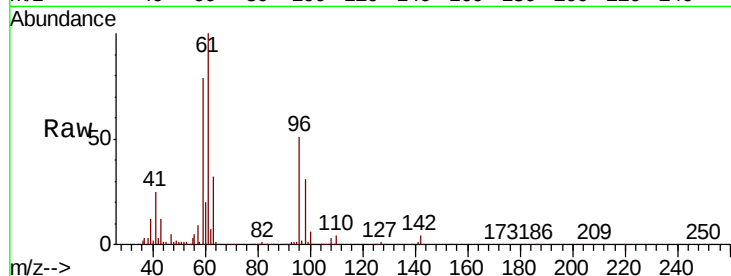
tert-Butyl alcohol
Concen: 8.477 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampled :
VSTDICCC010

Tot Ion: 59 Resp: 1088296
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

Manual Integrations
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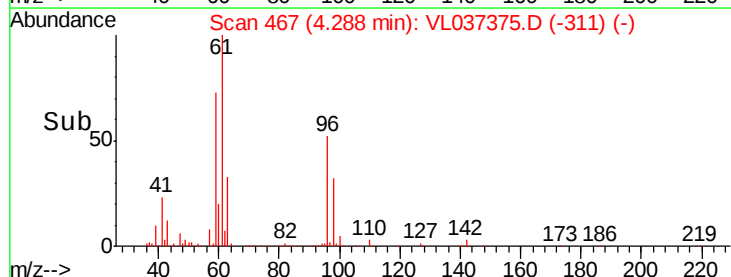
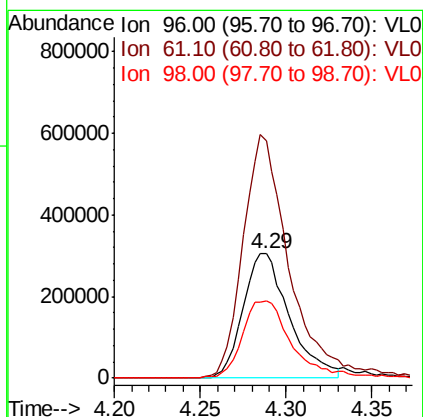
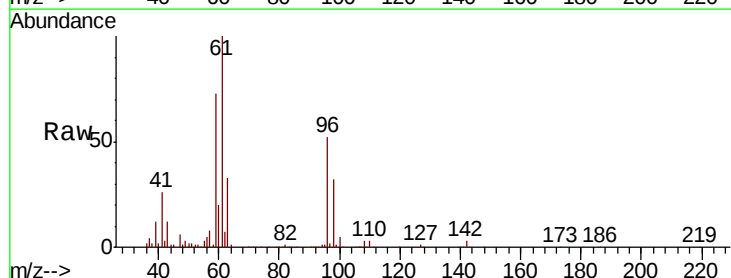
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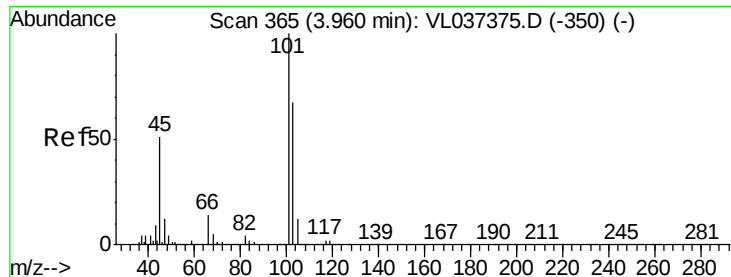


#18

1,1-Dichloroethene
Concen: 7.880 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion: 96 Resp: 567440
Ion Ratio Lower Upper
96 100
61 191.5 153.2 229.8
98 61.9 49.5 74.3





#19

Isopropyl Alcohol

Concen: 7.802 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 45 Resp: 659957

Ion Ratio Lower Upper

45 100

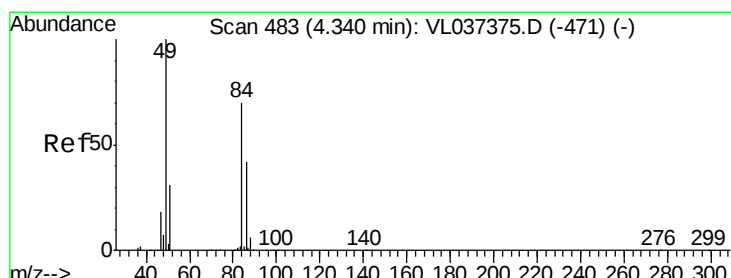
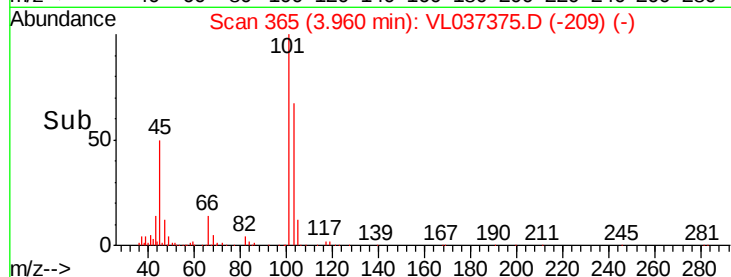
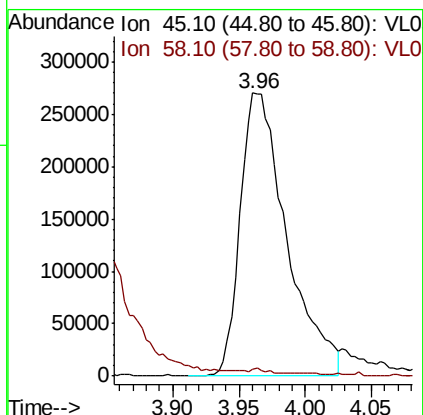
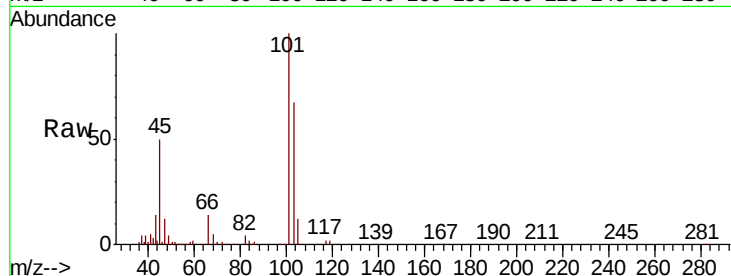
58 48.4 38.7 58.1

Manual Integrations

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#20

Methylene Chloride

Concen: 6.024 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Tgt Ion: 84 Resp: 513872

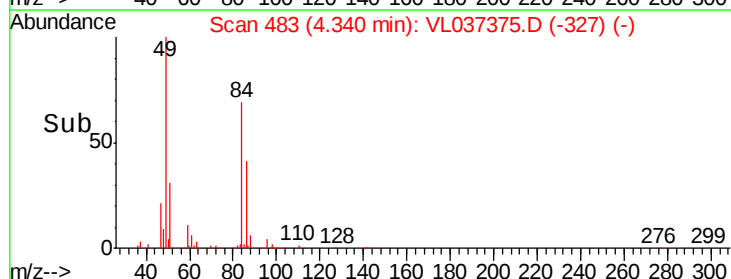
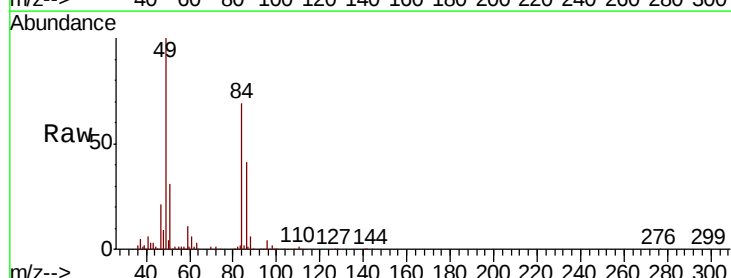
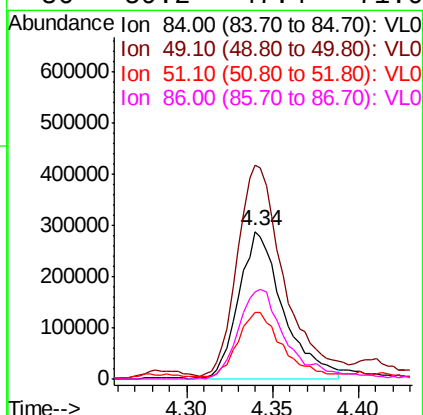
Ion Ratio Lower Upper

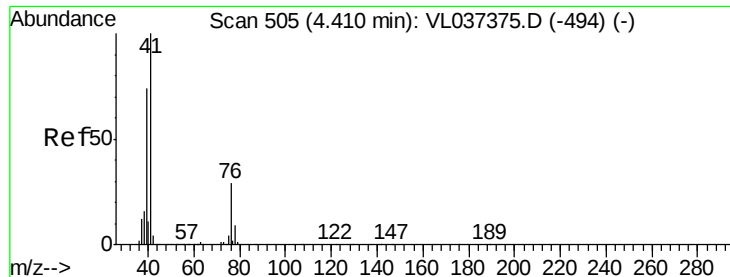
84 100

49 142.2 113.8 170.6

51 43.4 34.7 52.1

86 59.2 47.4 71.0





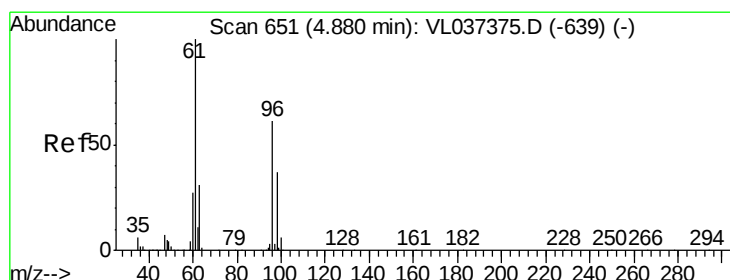
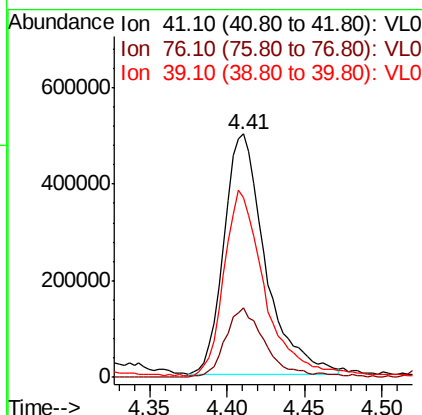
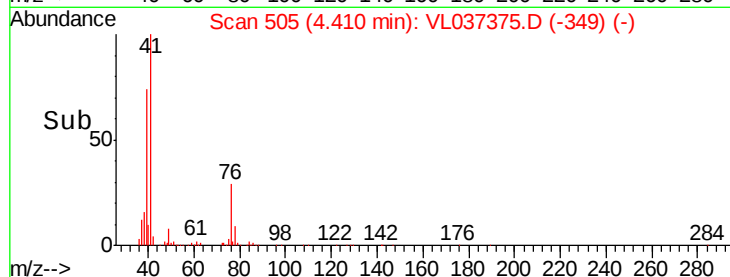
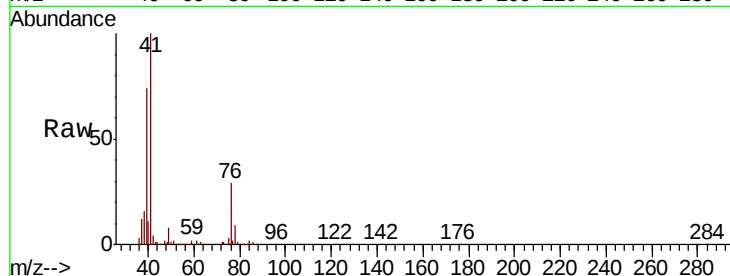
#21
 Allvl Chloride
 Concen: 8.602 ppbv
 RT: 4.41 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
41	100		
76	28.7	23.0	34.4
39	76.7	61.4	92.0

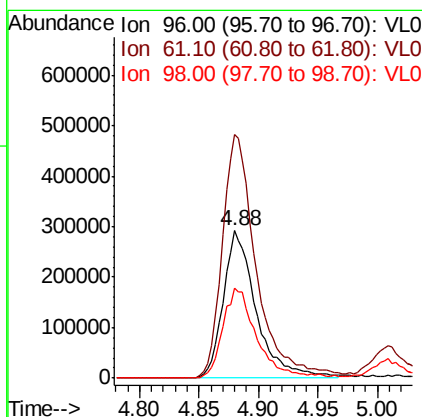
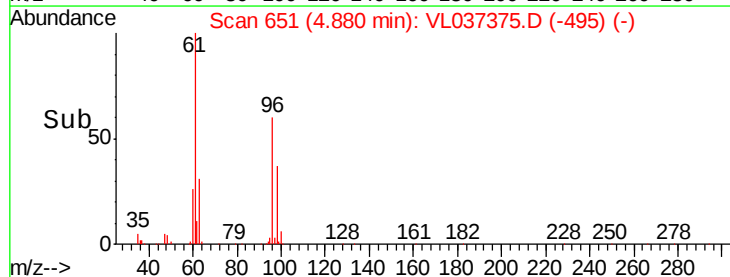
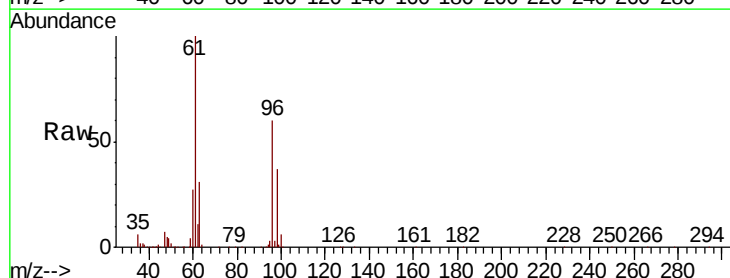
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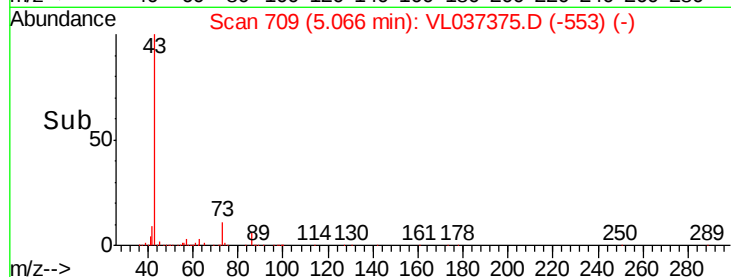
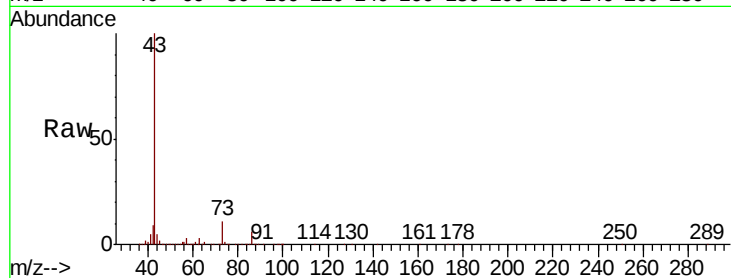
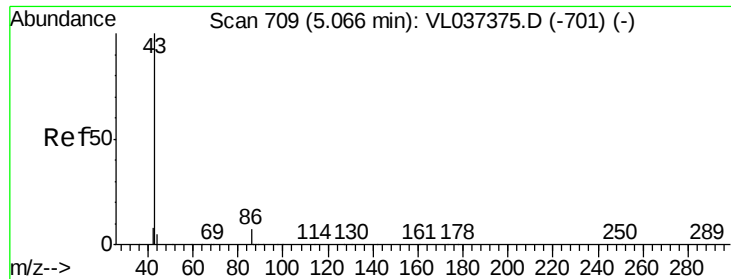
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#22
 trans-1,2-Dichloroethene
 Concen: 7.853 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.3	132.2	198.4
98	60.9	48.7	73.1





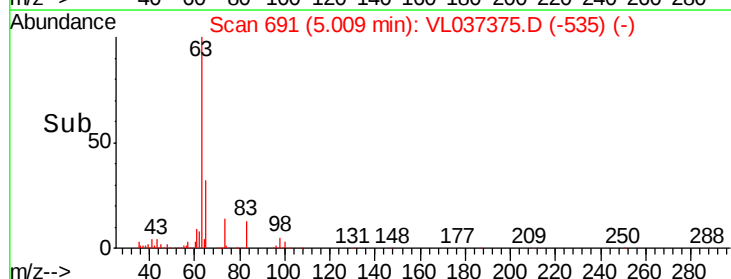
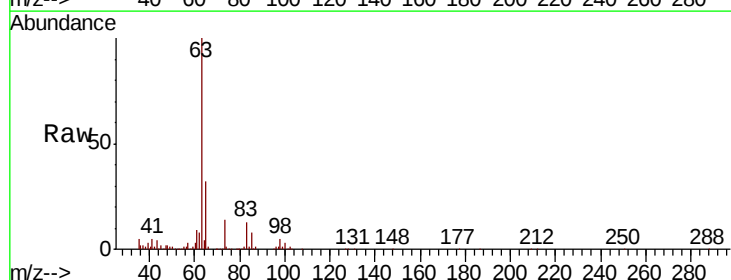
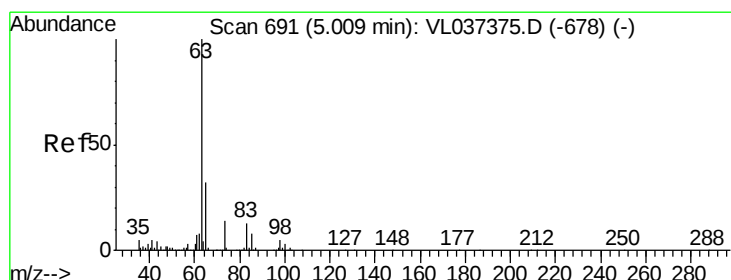
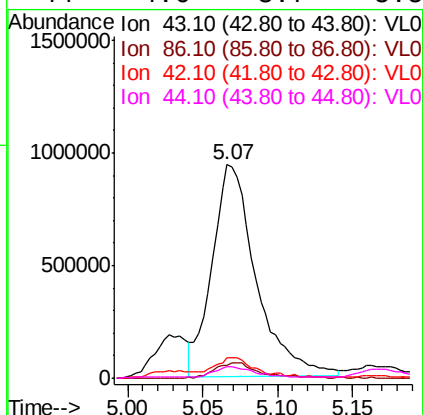
#23
 Vinyl Acetate
 Concen: 9.336 ppbv
 RT: 5.07 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tot Ion	43	Resp	1936899
Ion	Ratio	Lower	Upper
43	100		
86	6.0	4.8	7.2
42	9.1	7.3	10.9
44	4.6	3.7	5.5

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

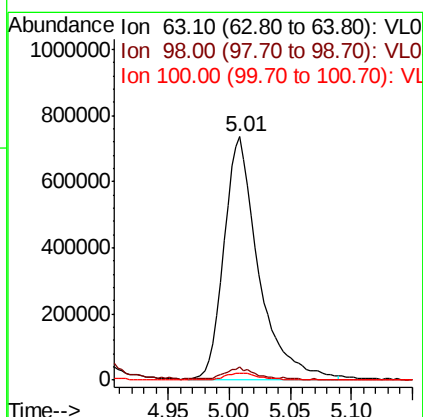
Manual Integrations
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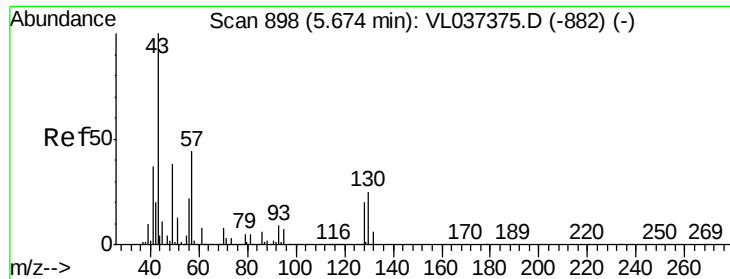
apatel
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#24
 1,1-Dichloroethane
 Concen: 8.809 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt Ion	63	Resp	1450640
Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.5	7.5
100	2.8	1.4	4.2





#25

Ethyl Acetate

Concen: 9.315 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Tot Ion: 43 Resp: 2934163

Ion Ratio Lower Upper

43 100

45 10.0 8.0 12.0

61 9.6 7.7 11.5

70 7.2 5.8 8.6

Instrument :

MSVOA_L

ClientSampleId :

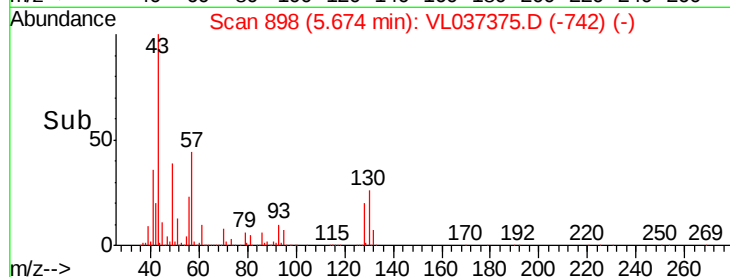
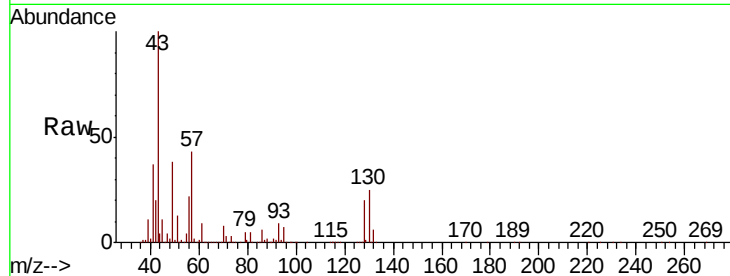
VSTDICCC010

Manual Integrations

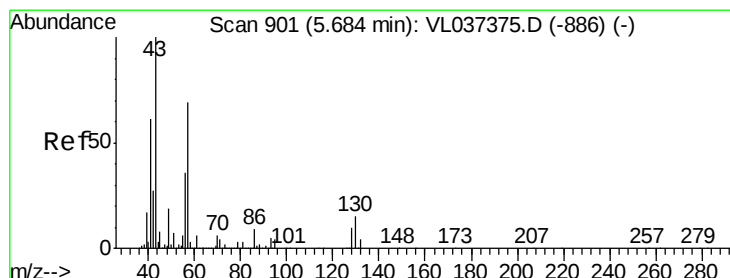
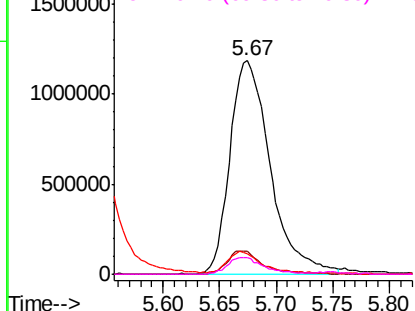
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Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 8.697 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Tgt Ion: 57 Resp: 1379086

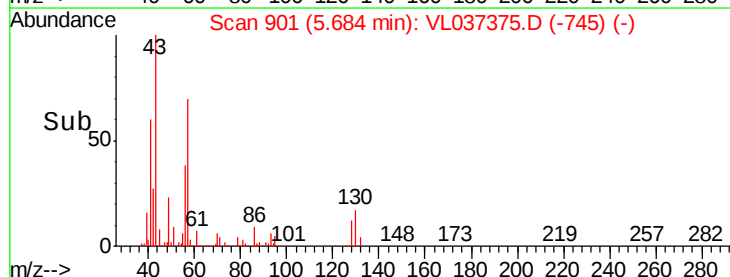
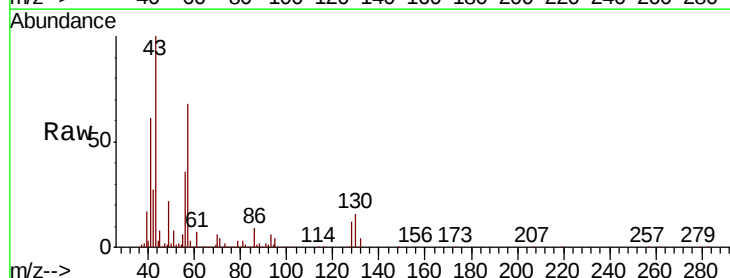
Ion Ratio Lower Upper

57 100

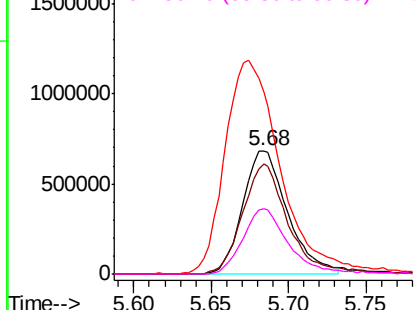
41 91.7 73.4 110.0

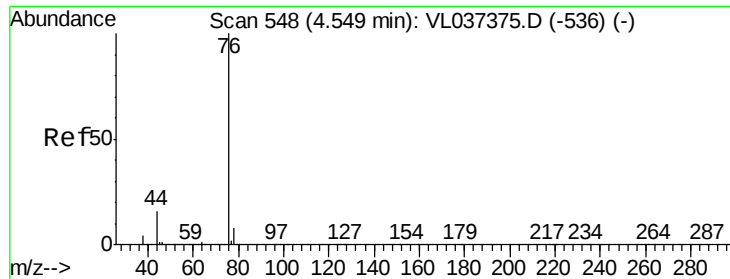
43 218.0 174.4 261.6

56 54.5 43.6 65.4



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





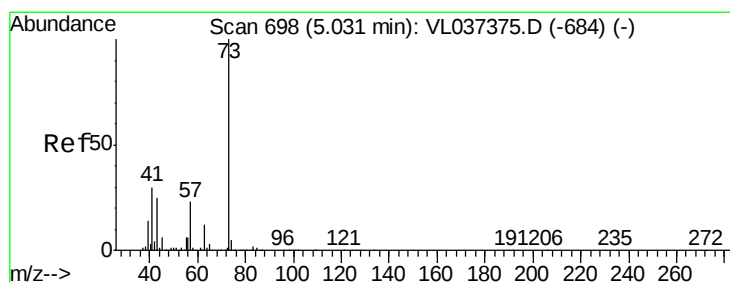
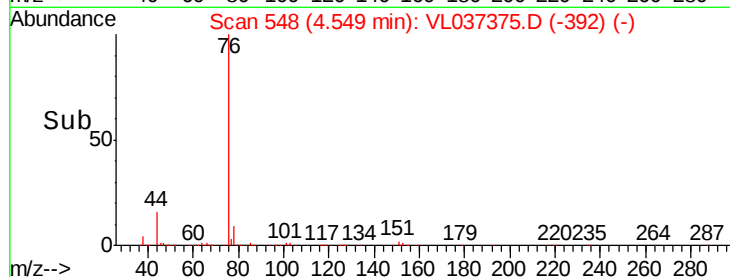
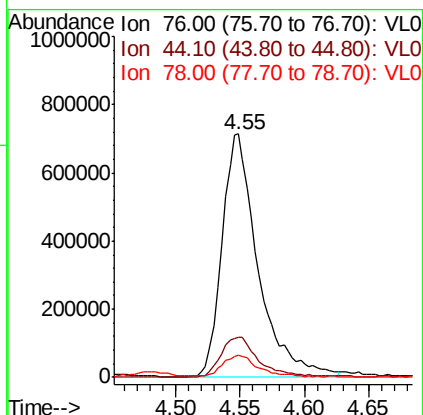
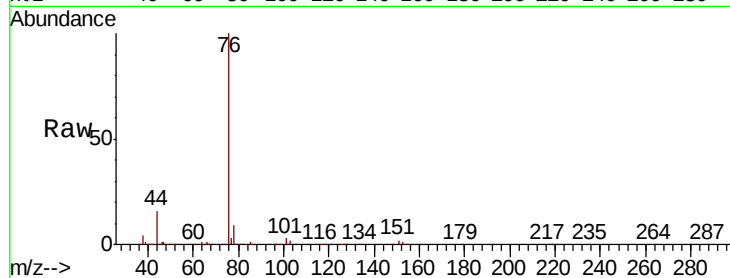
#27
Carbon Disulfide
Concen: 9.139 ppbv
RT: 4.55 min Scan# 548
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
76	100		
44	17.1	13.7	20.5
78	9.6	7.7	11.5

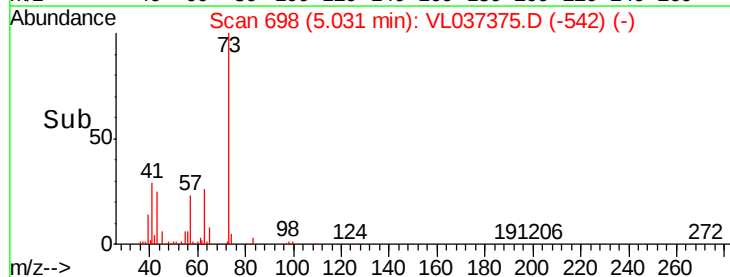
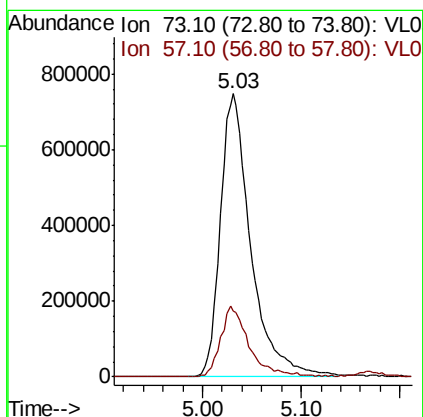
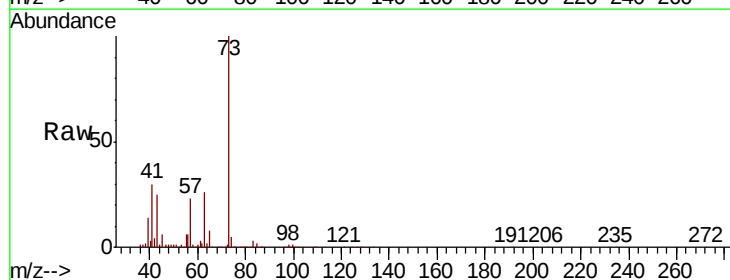
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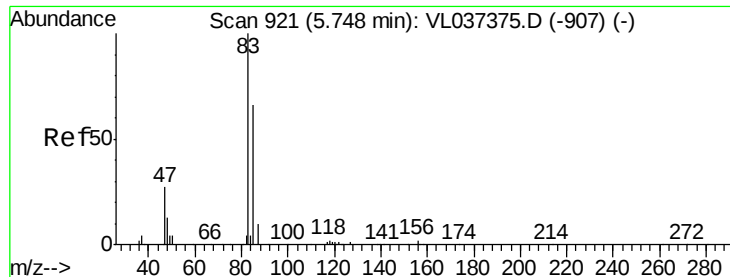
apatel
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#28
Methyl tert-Butyl Ether
Concen: 8.669 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.8	28.2





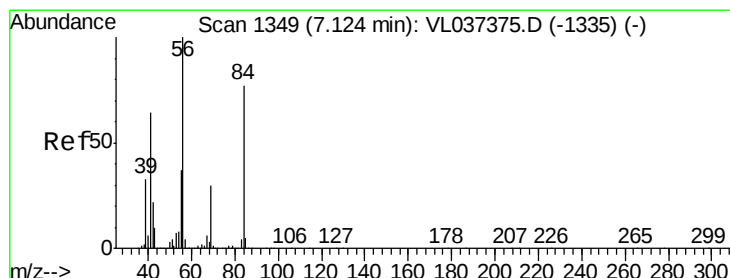
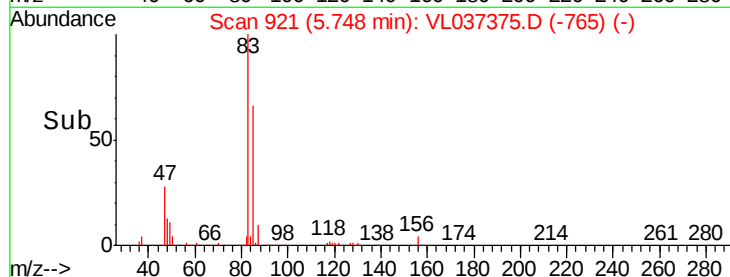
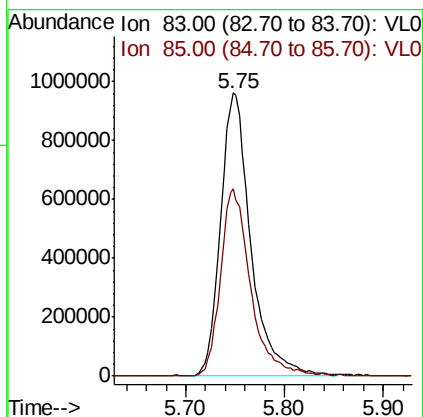
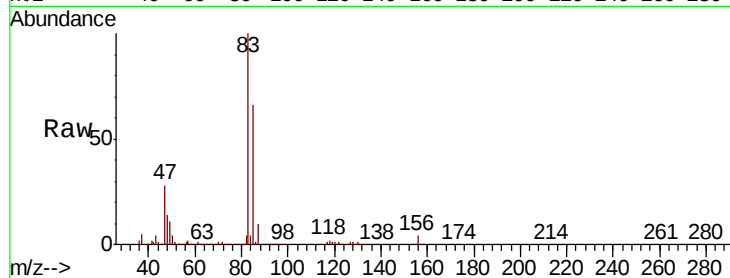
#29
Chloroform
Concen: 8.569 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 83 Resp: 2070837
Ion Ratio Lower Upper
83 100
85 66.0 52.8 79.2

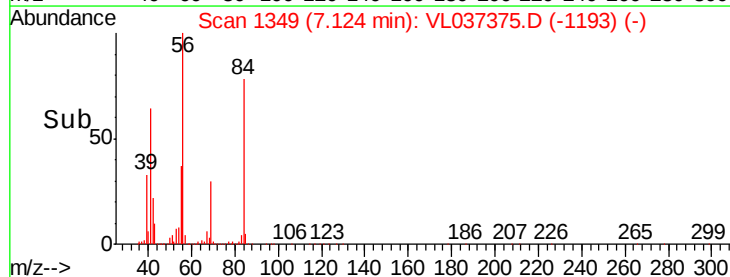
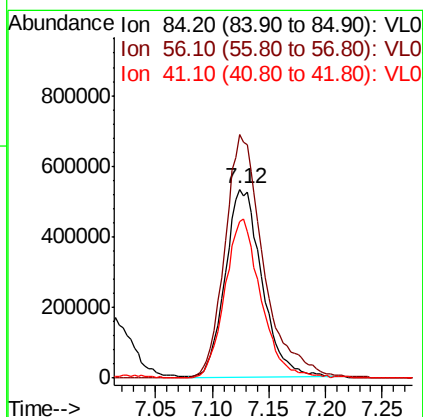
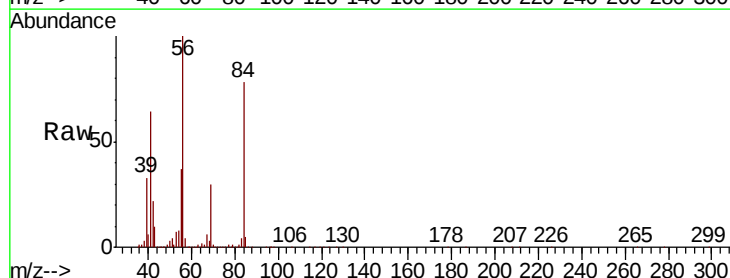
Manual Integrations
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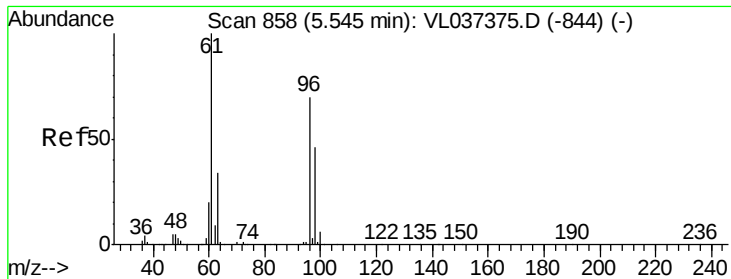
apatel
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#30
Cyclohexane
Concen: 9.144 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion: 84 Resp: 1207761
Ion Ratio Lower Upper
84 100
56 136.7 109.2 163.8
41 82.7 66.6 100.0





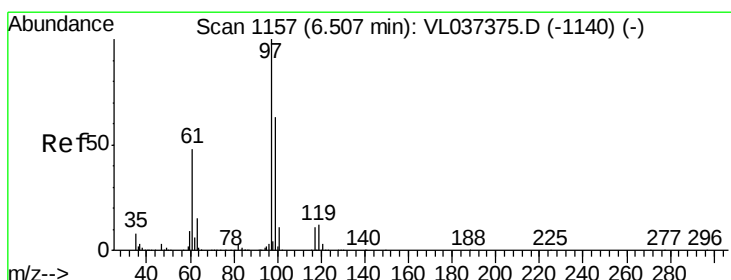
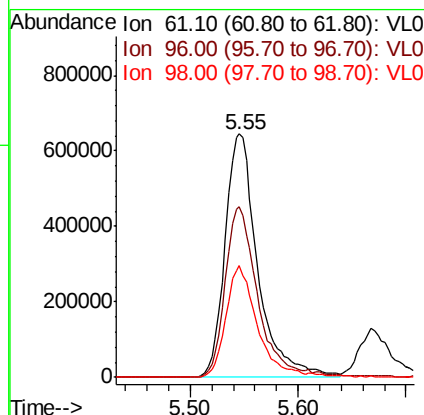
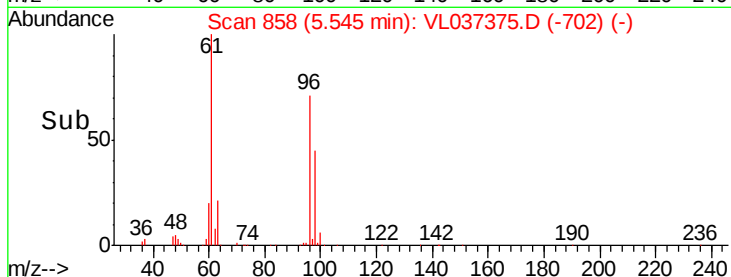
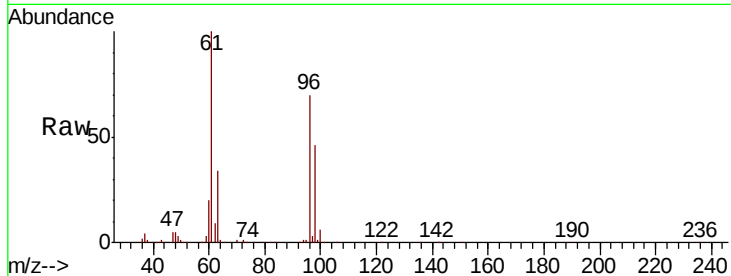
#31
 cis-1,2-Dichloroethene
 Concen: 9.305 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 61 Resp: 1352742
 Ion Ratio Lower Upper
 61 100
 96 70.0 56.0 84.0
 98 46.0 36.8 55.2

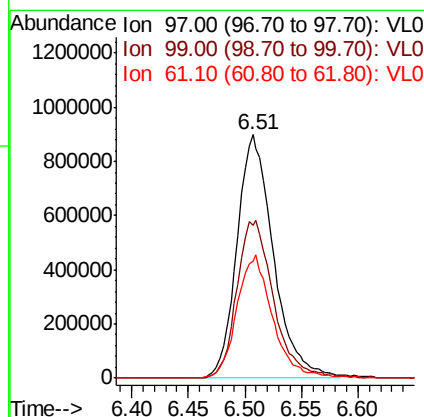
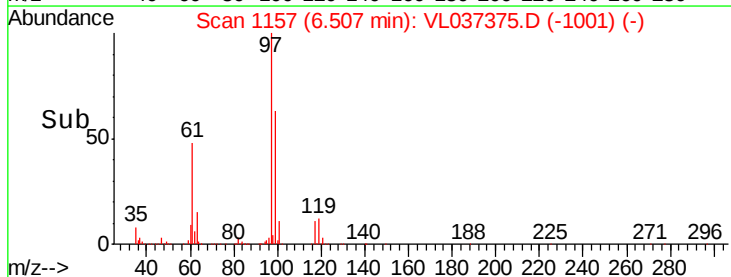
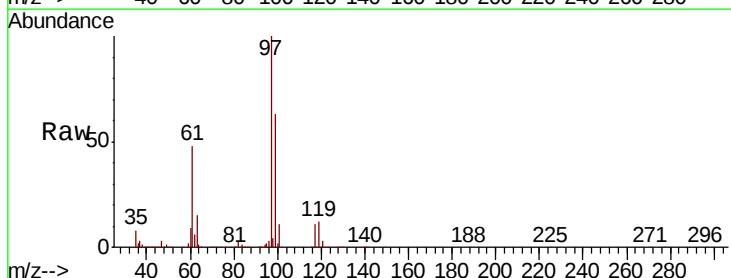
Manual Integrations
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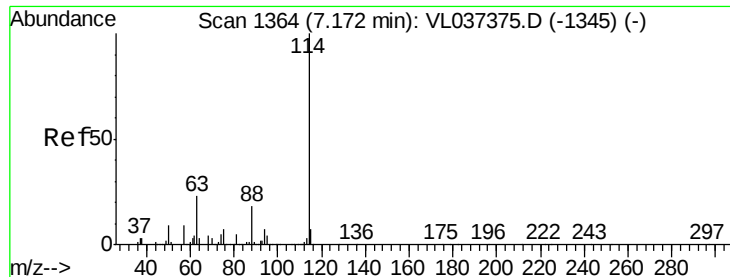
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#32
 1,1,1-Trichloroethane
 Concen: 7.825 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt Ion: 97 Resp: 2013767
 Ion Ratio Lower Upper
 97 100
 99 65.9 52.7 79.1
 61 49.9 39.9 59.9





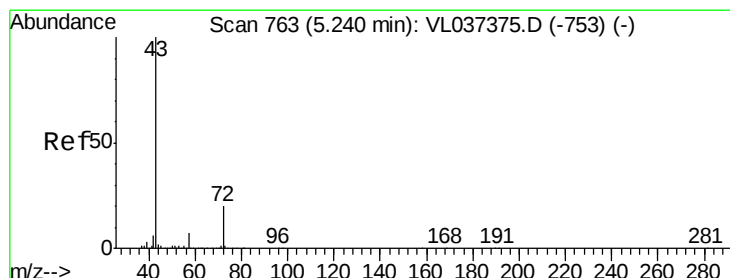
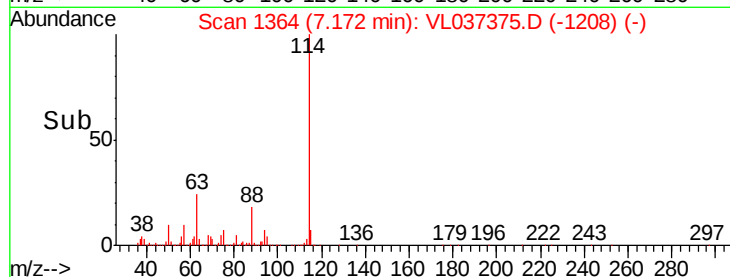
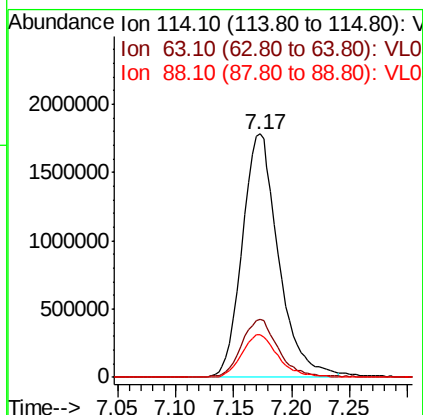
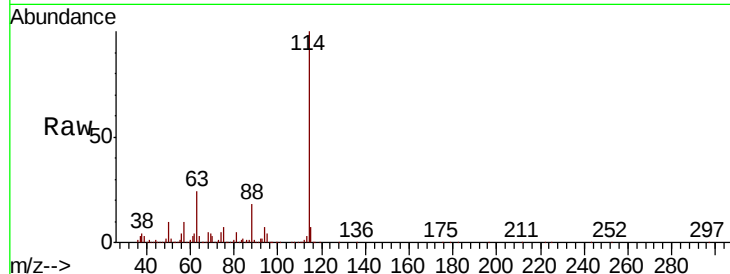
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.5	29.3
88	17.9	14.3	21.5

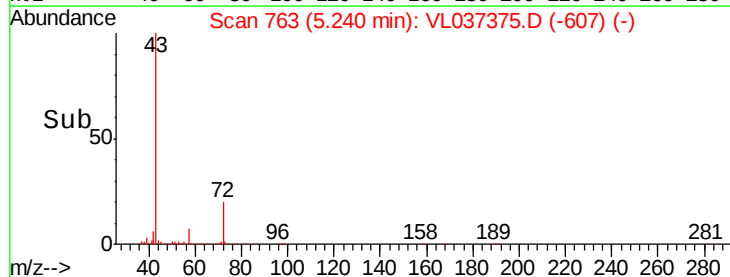
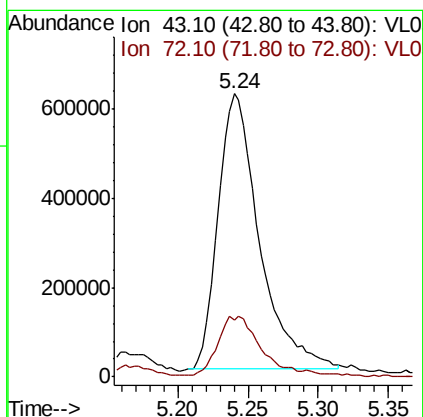
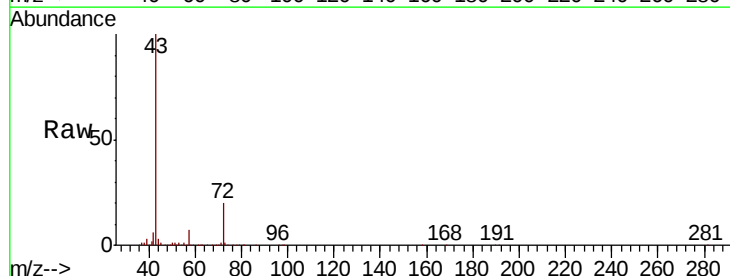
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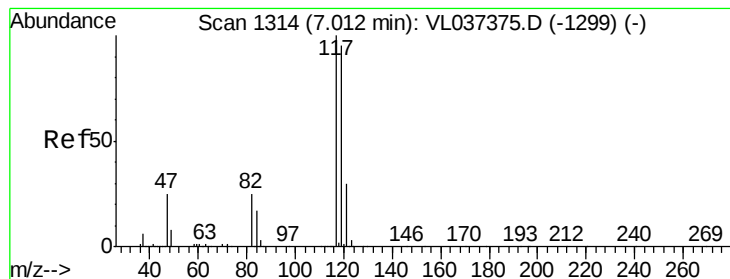
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#34
 2-Butanone
 Concen: 8.432 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.7	29.5





#35

Carbon Tetrachloride

Concen: 8.279 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:117 Resp: 2102138

Ion Ratio Lower Upper

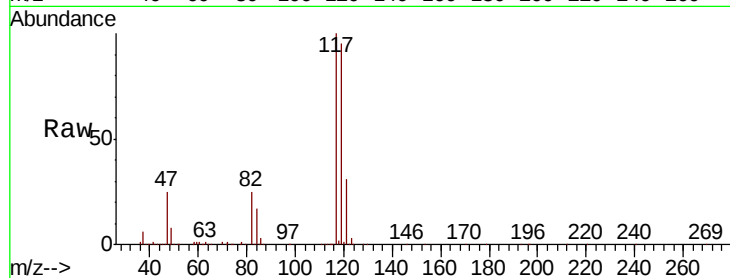
117 100

119 95.1 76.1 114.1

121 30.5 24.4 36.6

Manual Integrations
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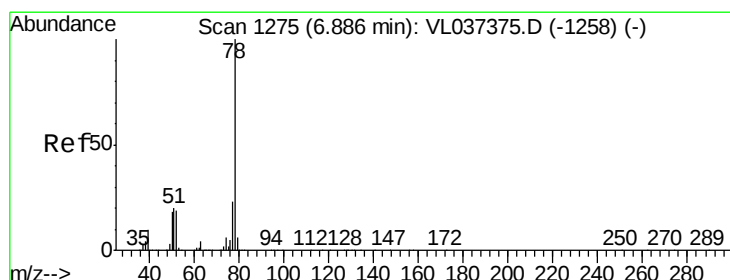
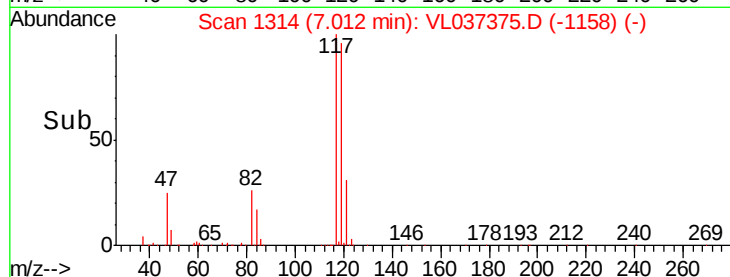
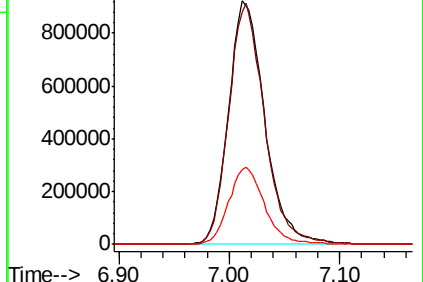
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.345 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

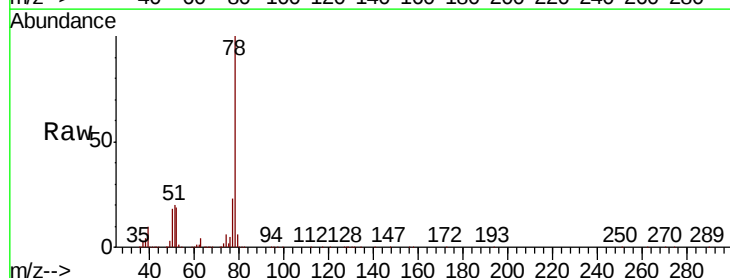
Tgt Ion: 78 Resp: 2928418

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0

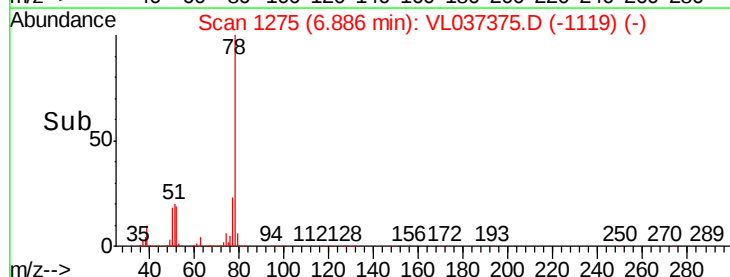
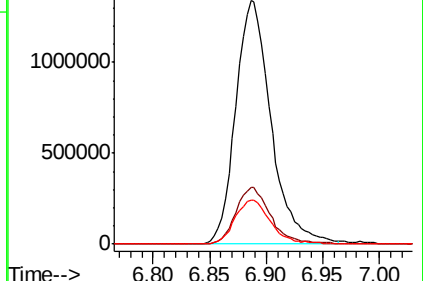
50 17.9 14.3 21.5

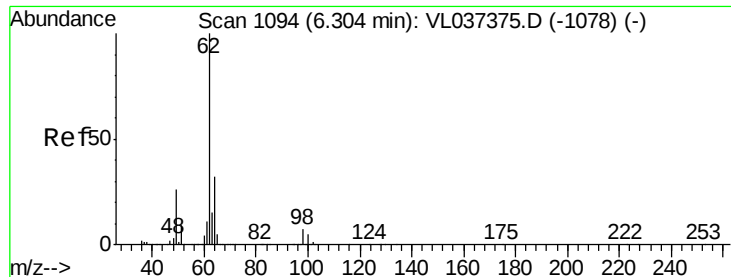


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





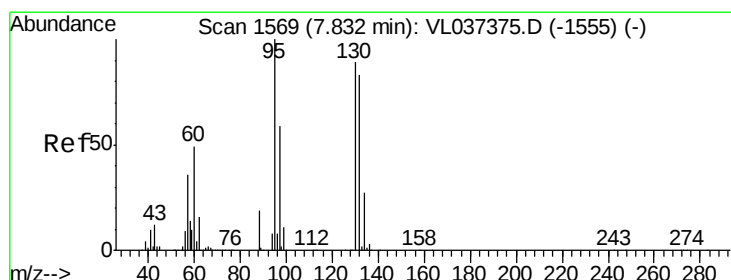
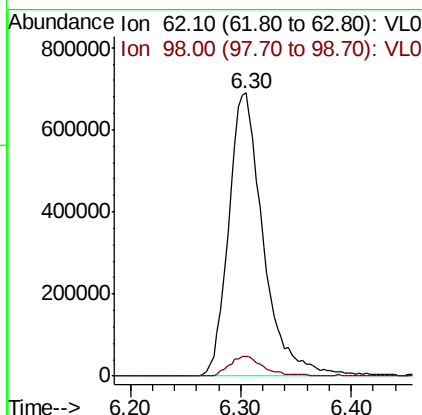
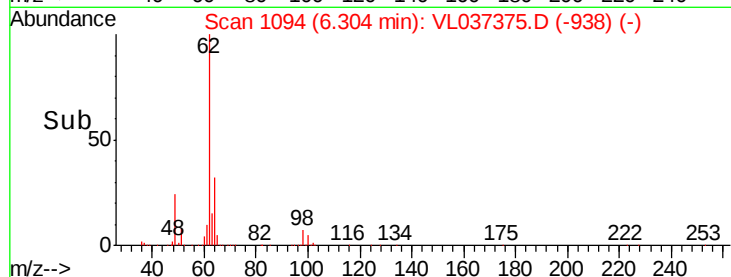
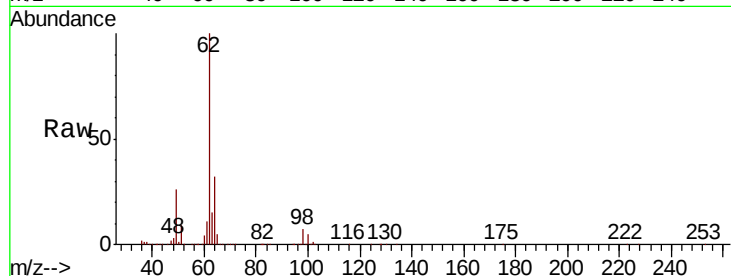
#37
1,2-Dichloroethane
Concen: 8.413 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.3	5.8	8.8

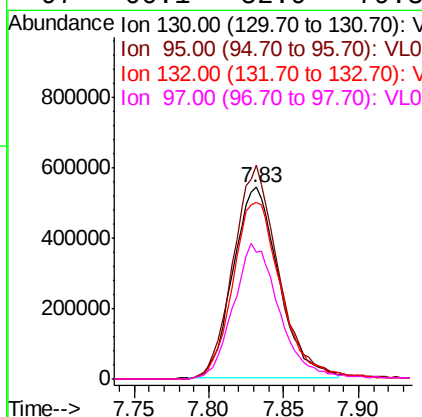
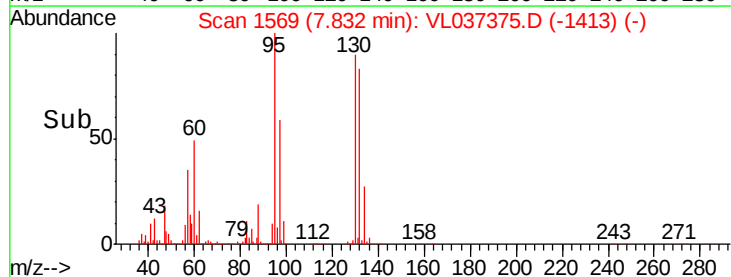
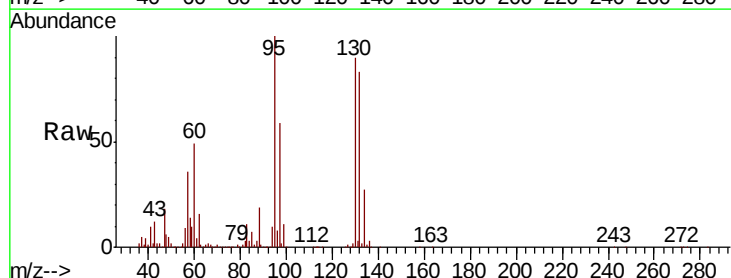
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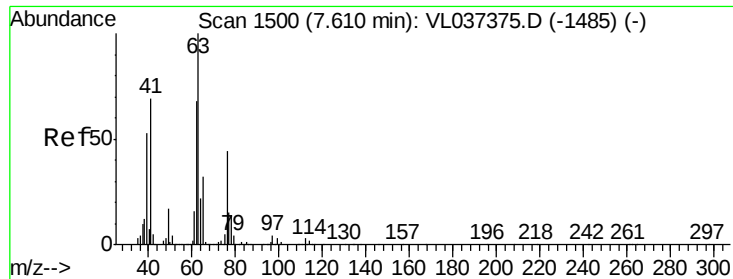
apatel
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#38
Trichloroethene
Concen: 7.783 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	111.9	89.5	134.3
132	92.8	74.2	111.4
97	66.1	52.9	79.3





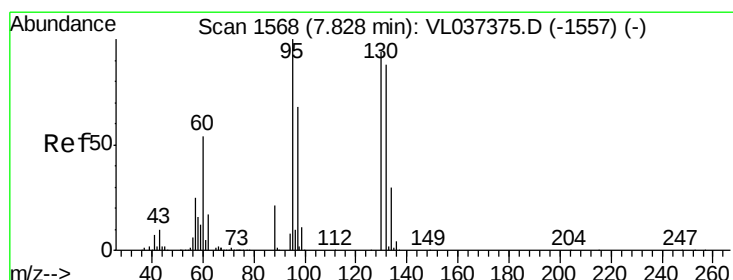
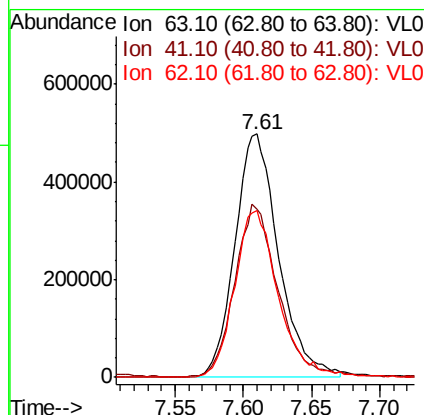
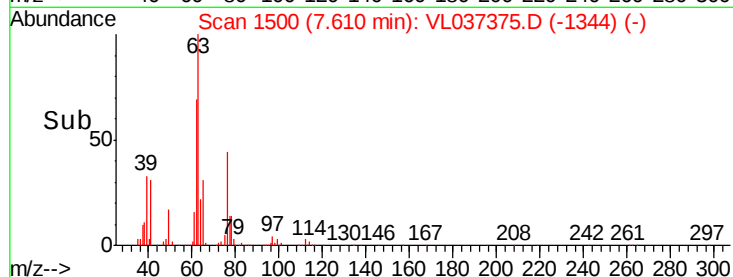
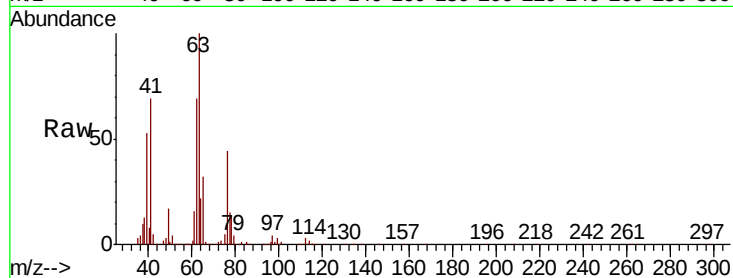
#39
 1,2-Dichloropropane
 Concen: 9.532 ppbv
 RT: 7.61 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
63	100		
41	68.5	54.8	82.2
62	68.1	54.5	81.7

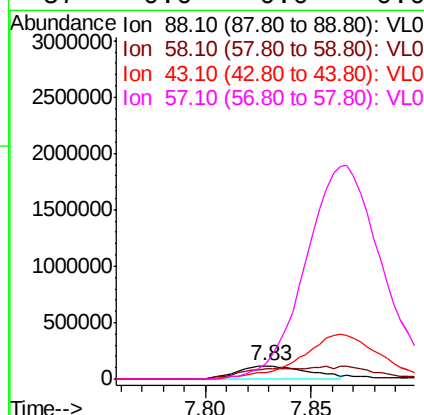
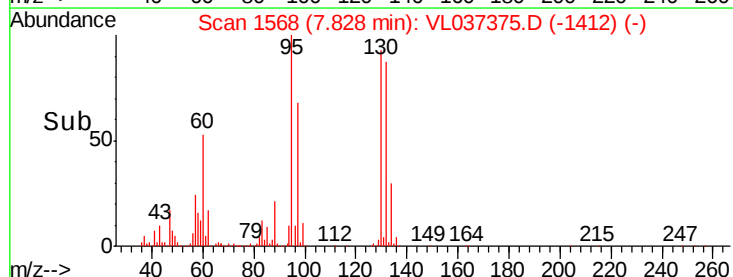
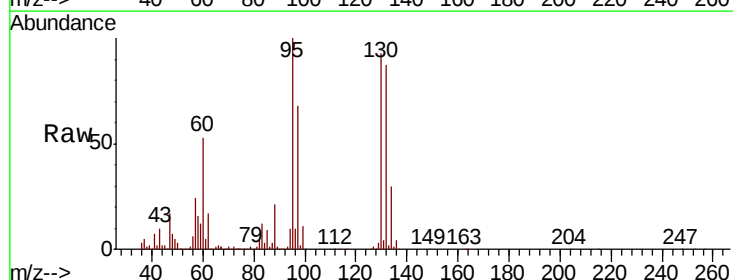
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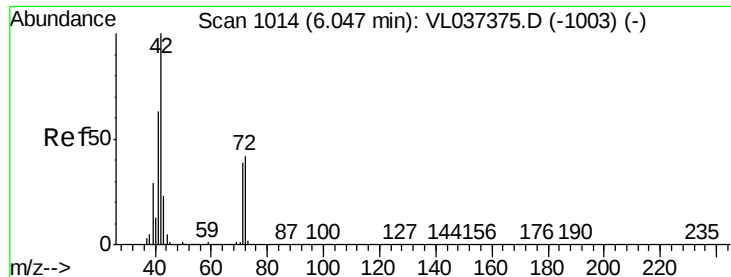
apatel
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#40
 1,4-Dioxane
 Concen: 8.375 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt 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





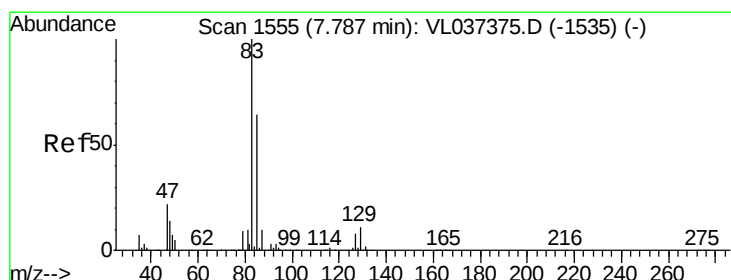
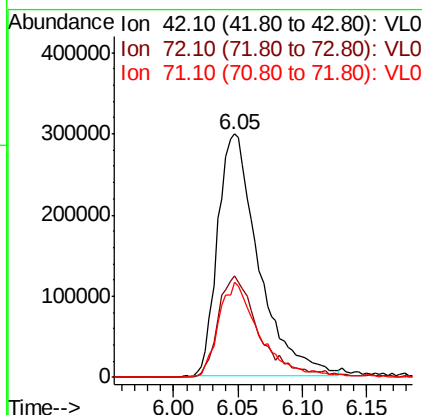
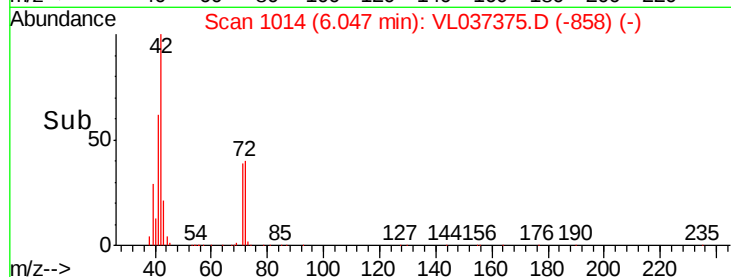
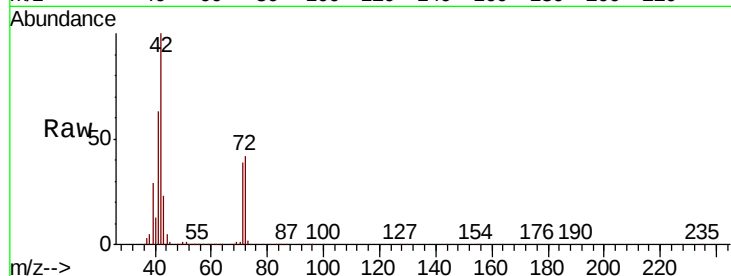
#41
Tetrahydrofuran
Concen: 9.458 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.4	51.6
71	40.4	32.3	48.5

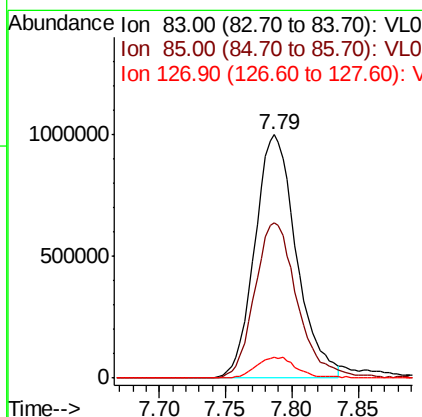
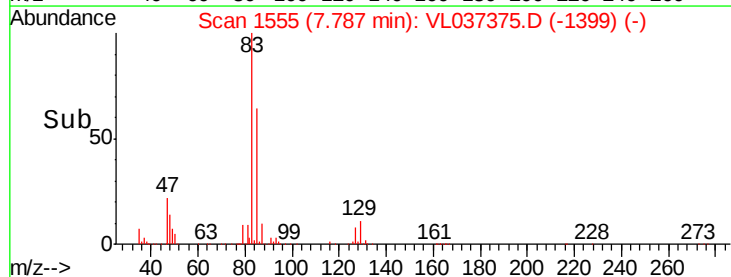
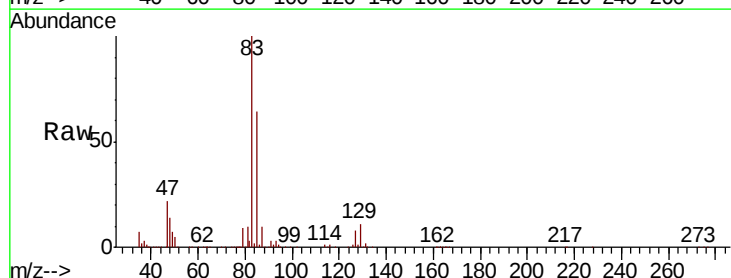
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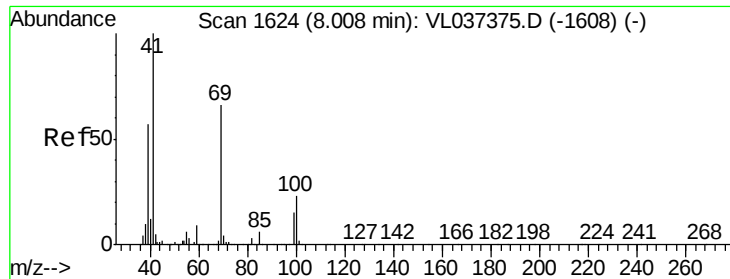
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#42
Bromodichloromethane
Concen: 8.900 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	8.4	6.7	10.1





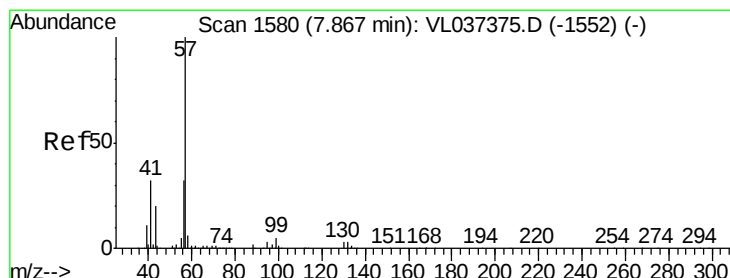
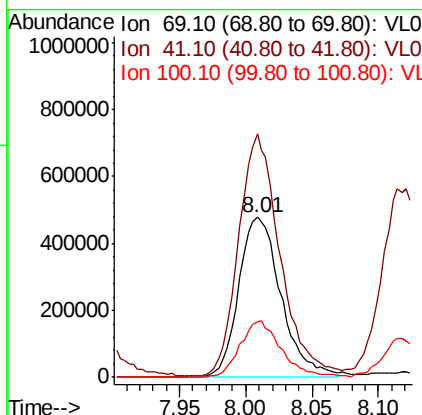
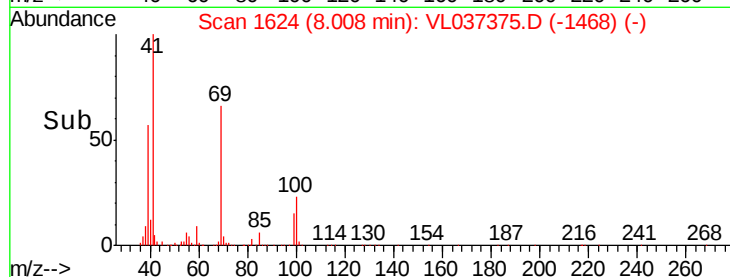
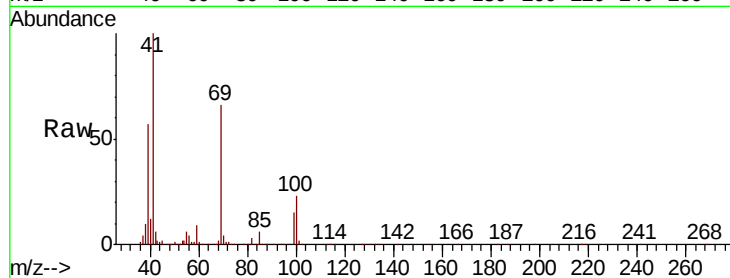
#43
Methvl Methacrilate
Concen: 9.837 ppbv
RT: 8.01 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 69 Resp: 1060820
Ion Ratio Lower Upper
69 100
41 149.7 119.1 178.7
100 34.6 27.7 41.5

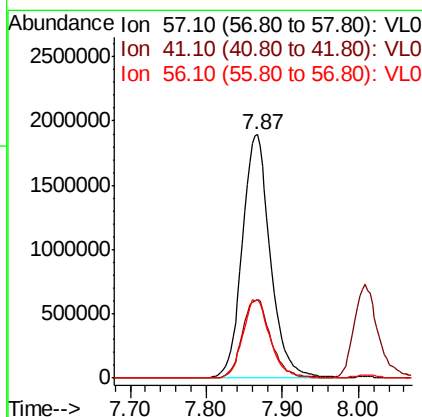
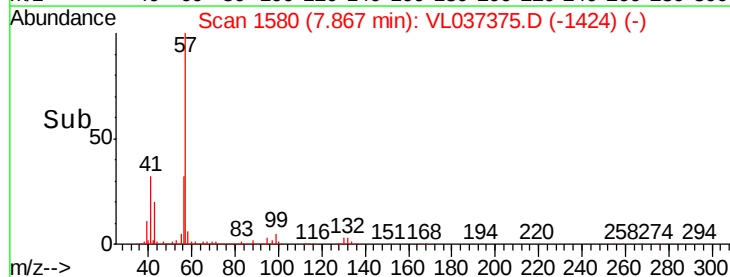
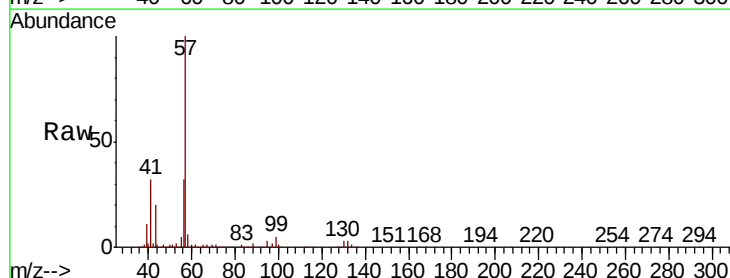
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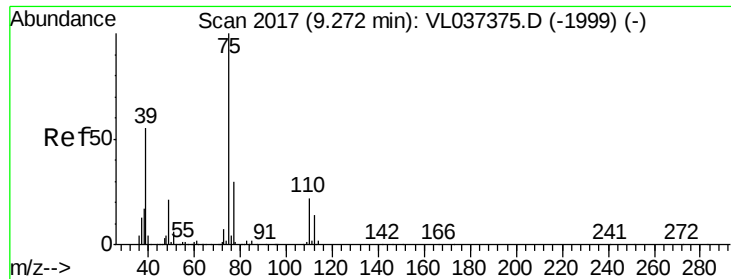
apatel
8/12/2021 10:16:32 AM



#44
2,2,4-Trimethylpentane
Concen: 9.168 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion: 57 Resp: 4847173
Ion Ratio Lower Upper
57 100
41 32.6 26.1 39.1
56 31.4 25.1 37.7





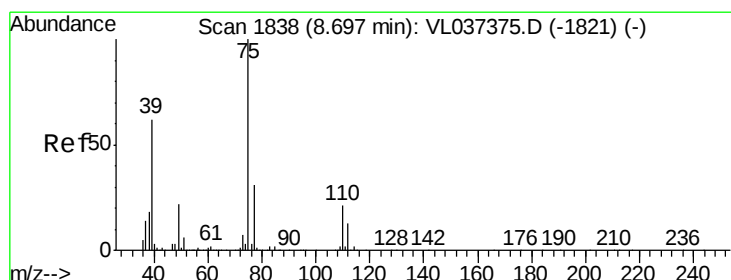
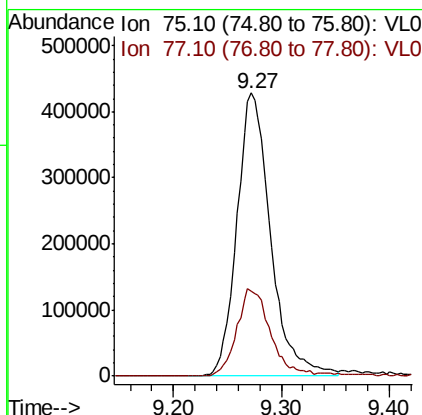
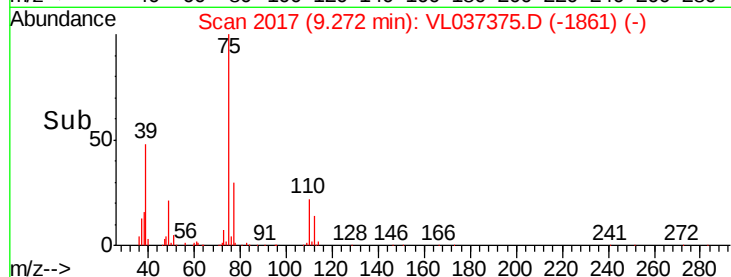
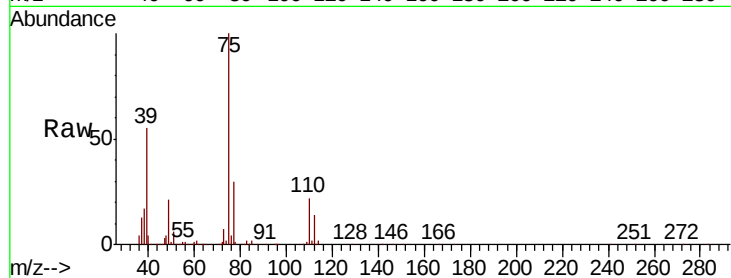
#45
t-1,3-Dichloropropene
Concen: 10.116 ppbv
RT: 9.27 min Scan# 2017
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 75 Resp: 927233
Ion Ratio Lower Upper
75 100
77 30.1 24.1 36.1

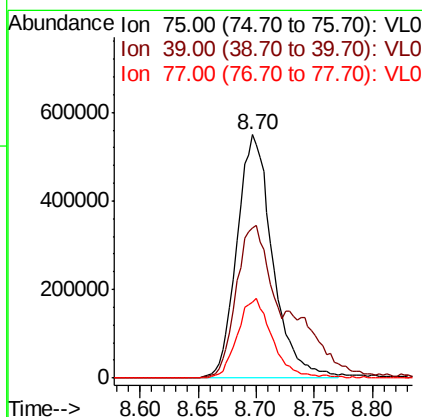
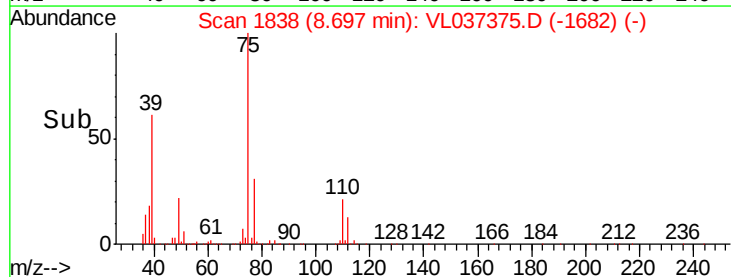
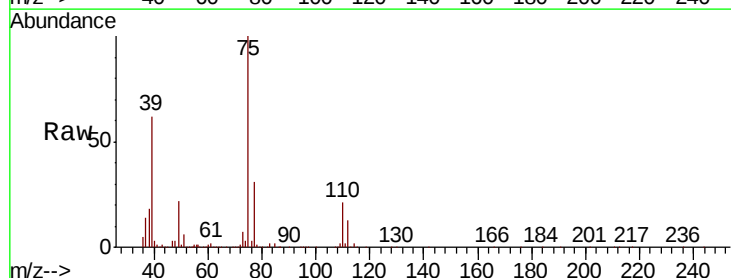
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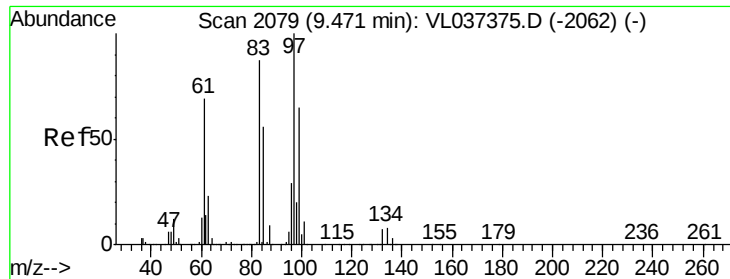
apatel
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#46
cis-1,3-Dichloropropene
Concen: 9.345 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion: 75 Resp: 1177441
Ion Ratio Lower Upper
75 100
39 61.8 49.4 74.2
77 31.3 25.0 37.6





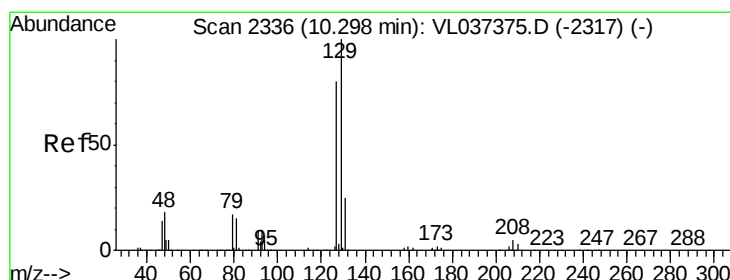
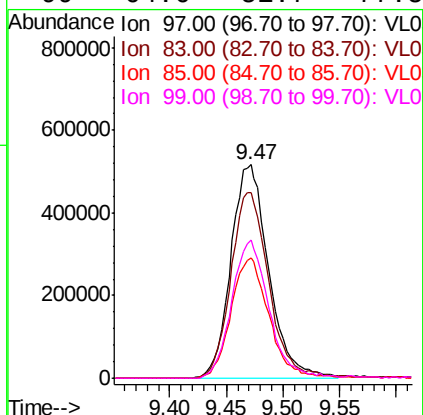
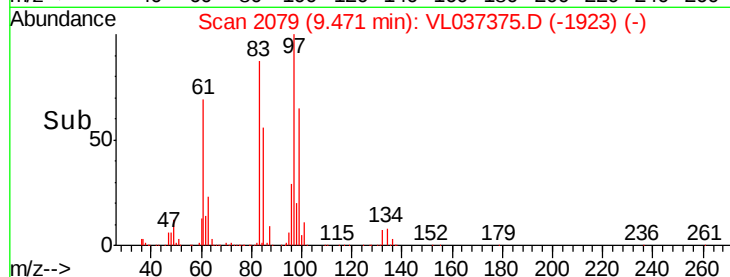
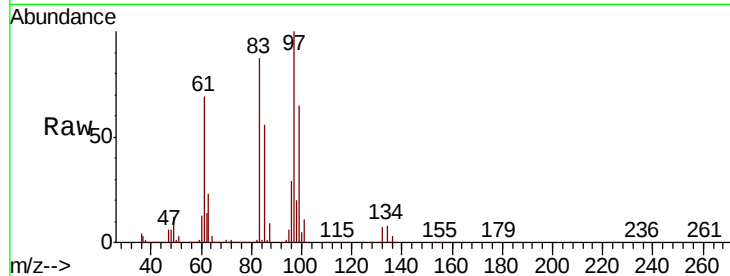
#47
 1,1,2-Trichloroethane
 Concen: 9.089 ppbv
 RT: 9.47 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.7	69.4	104.0	
85	56.2	45.0	67.4	
99	64.6	51.7	77.5	

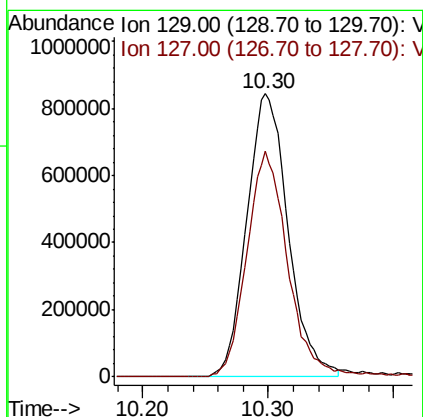
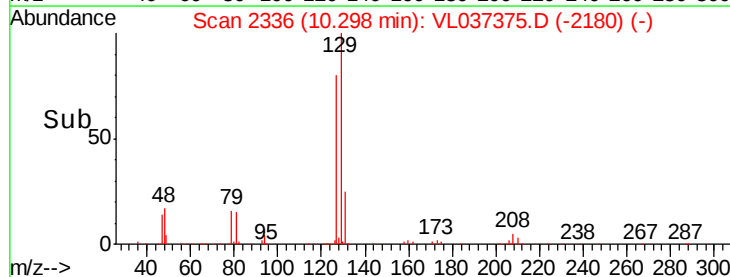
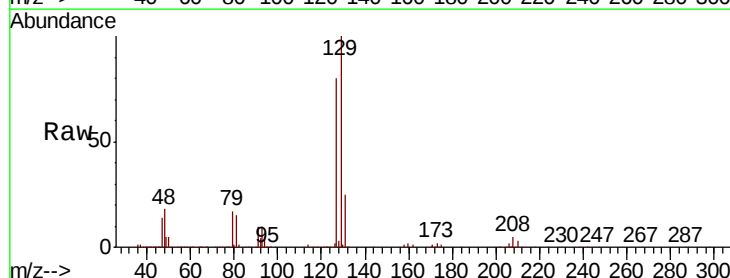
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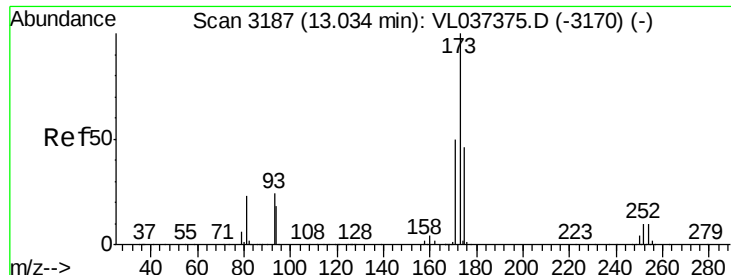
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#48
 Dibromochloromethane
 Concen: 9.474 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	80.2	40.1	120.3	





#49

Bromoform

Concen: 10.218 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:173 Resp: 1555252

Ion Ratio Lower Upper

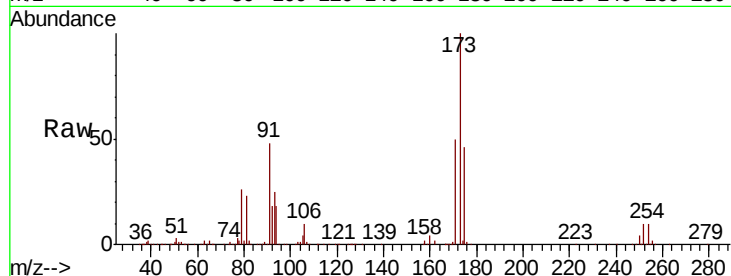
173 100

175 52.8 41.7 62.5

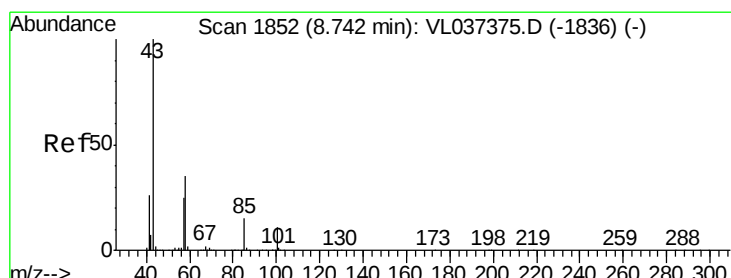
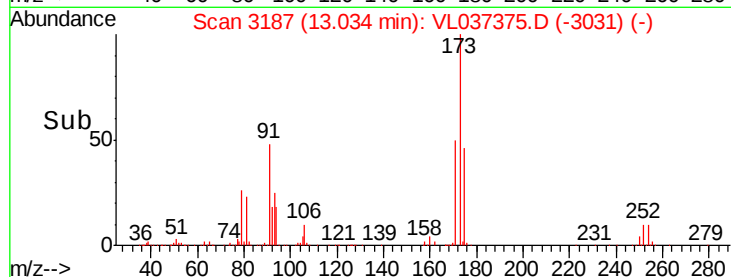
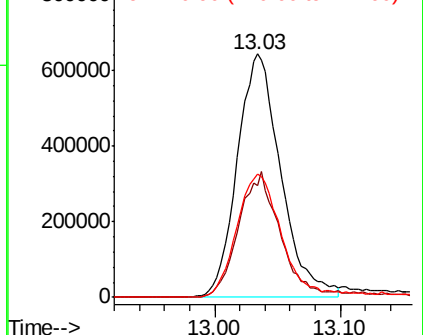
171 55.7 43.3 64.9

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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: 9.316 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VL037375.D

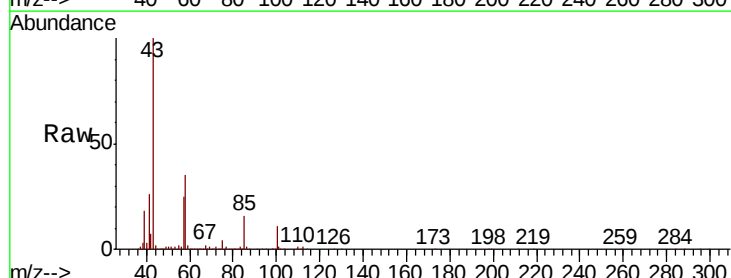
Acq: 11 Aug 2021 2:24

Tgt Ion: 43 Resp: 1904263

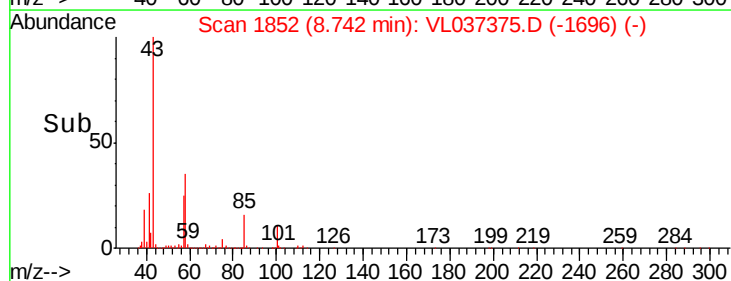
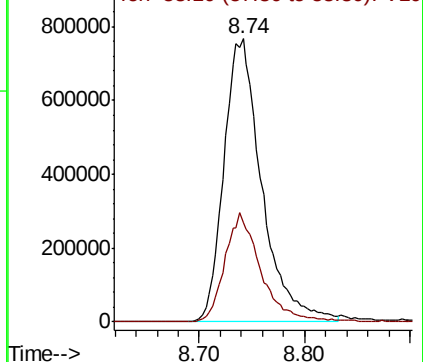
Ion Ratio Lower Upper

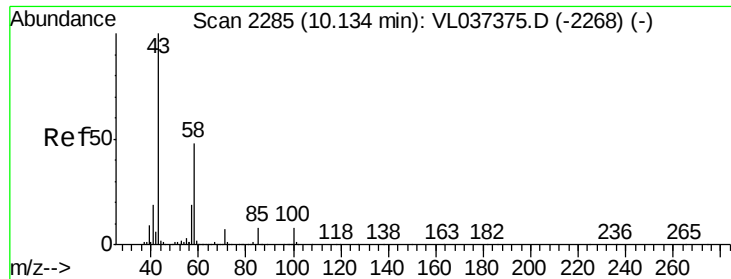
43 100

58 36.8 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





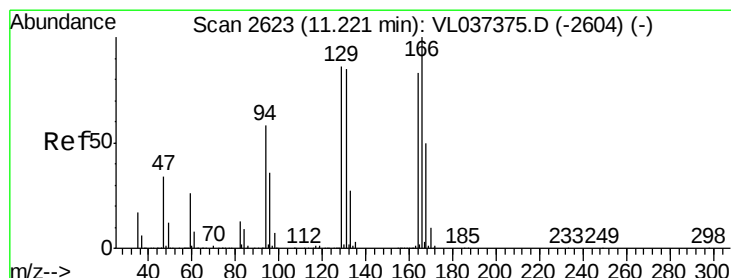
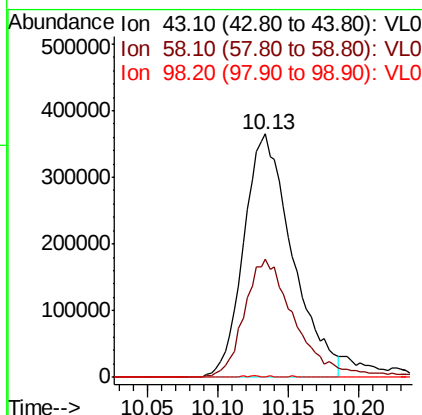
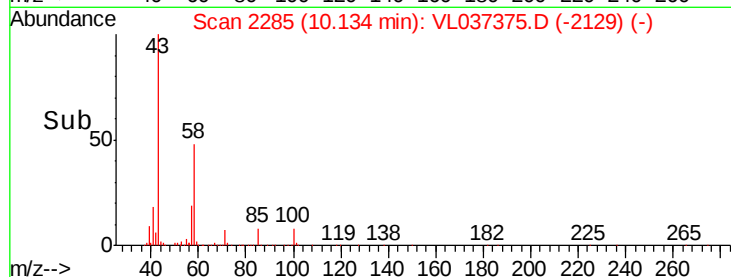
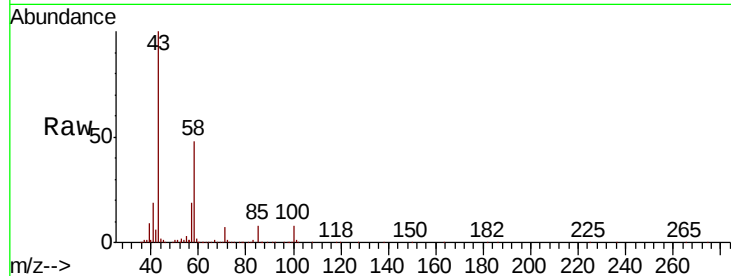
#51
2-Hexanone
Concen: 8.969 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.8	62.8
98	0.3	0.2	0.4

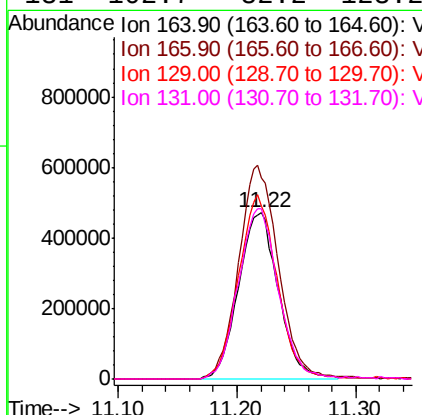
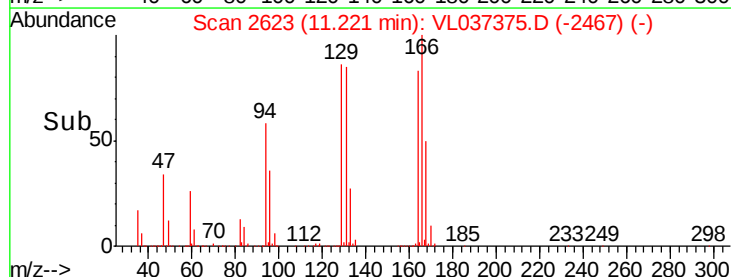
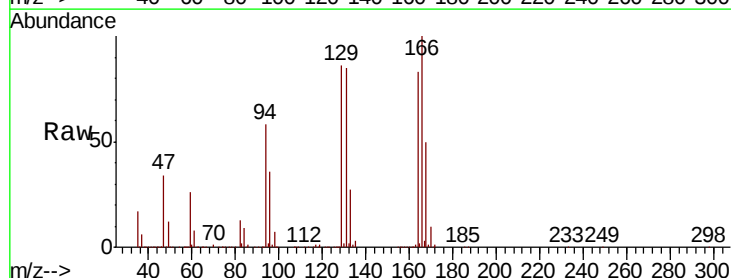
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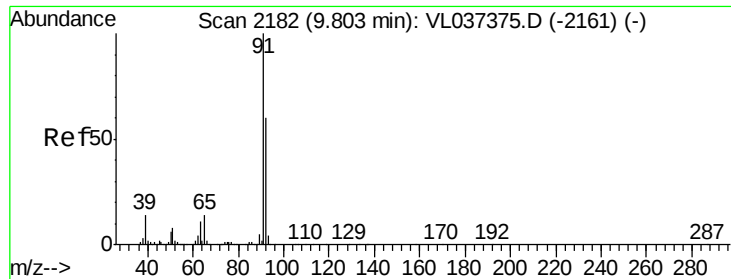
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#52
Tetrachloroethene
Concen: 7.589 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.6	96.5	144.7
129	104.0	83.2	124.8
131	102.7	82.2	123.2





#53

Toluene

Concen: 9.266 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Tot Ion: 91 Resp: 3461392

Ion Ratio Lower Upper

91 100

92 60.1 48.2 72.2

Instrument :

MSVOA_L

ClientSampleId :

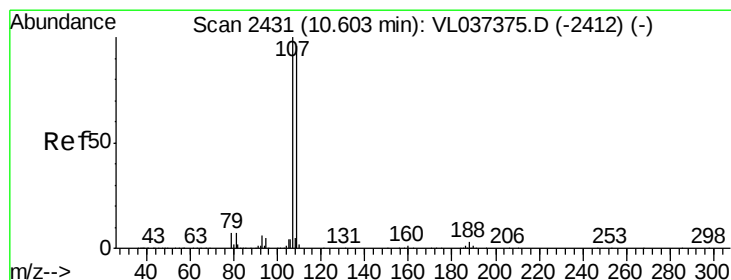
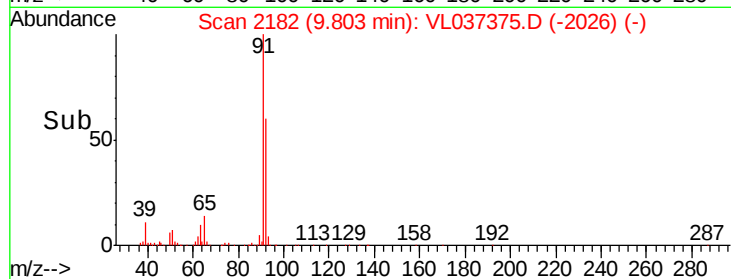
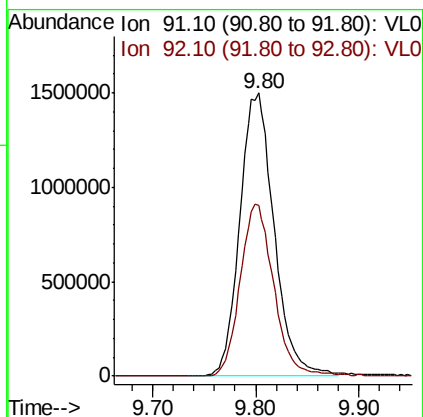
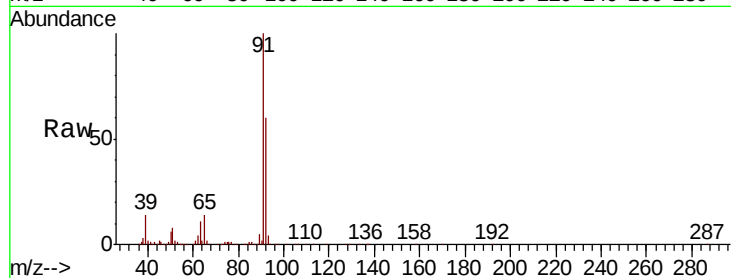
VSTDICCC010

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#54

1,2-Dibromoethane

Concen: 9.295 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL037375.D

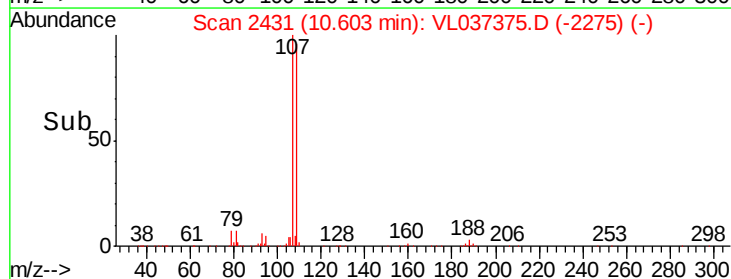
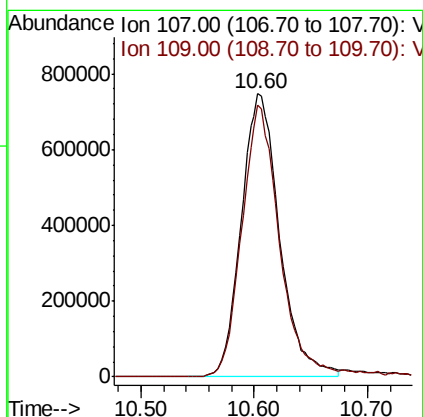
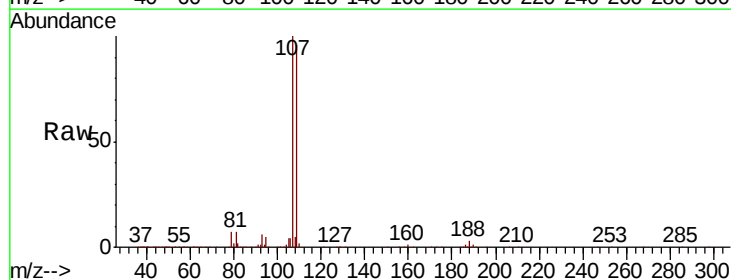
Acq: 11 Aug 2021 2:24

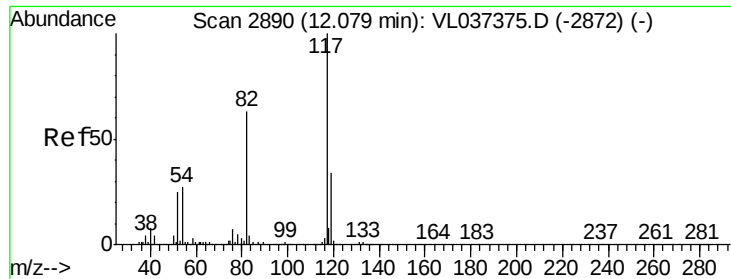
Tgt Ion: 107 Resp: 1759713

Ion Ratio Lower Upper

107 100

109 95.9 76.7 115.1





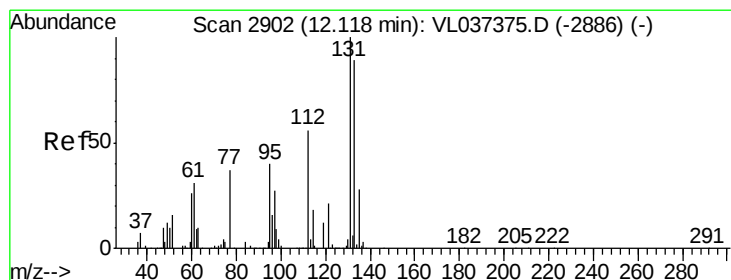
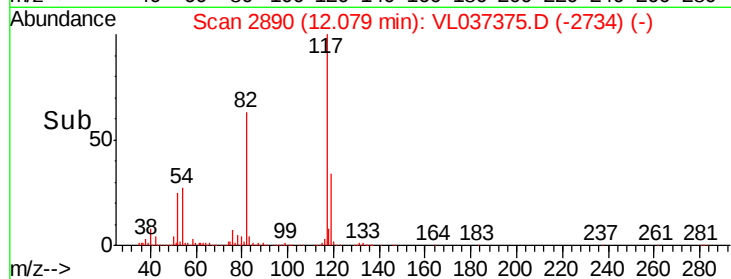
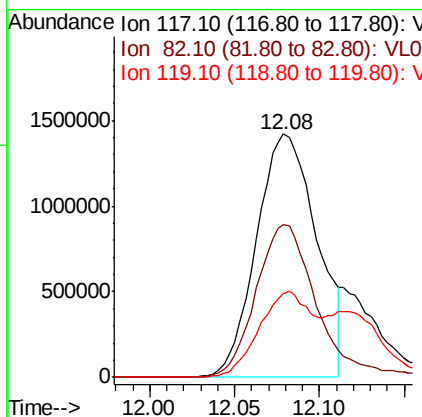
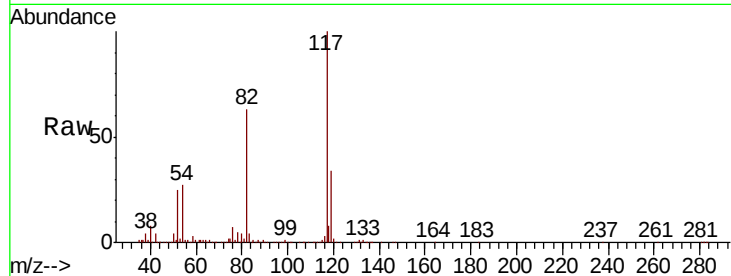
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.7	52.6	78.8
119	58.4	46.6	69.8

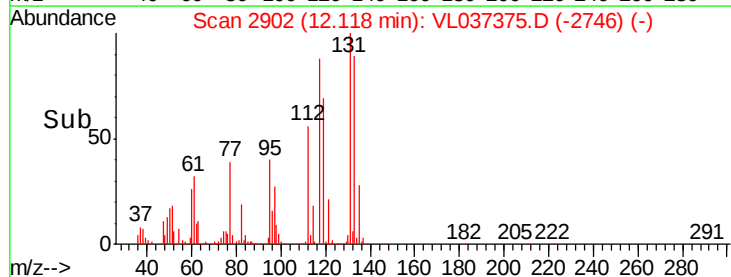
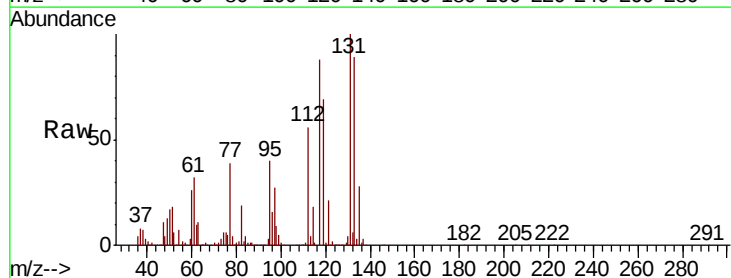
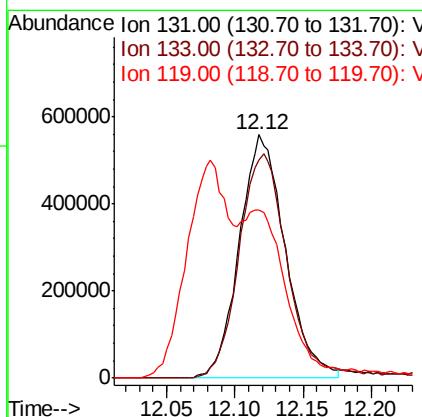
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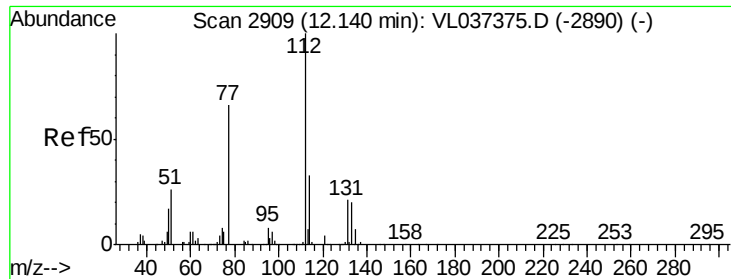
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#56
1,1,1,2-Tetrachloroethane
Concen: 8.649 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.4	79.3	118.9
119	158.4	126.2	189.2





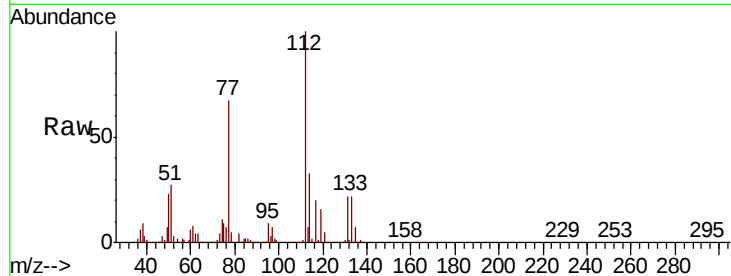
#57
Chlorobenzene
Concen: 8.851 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

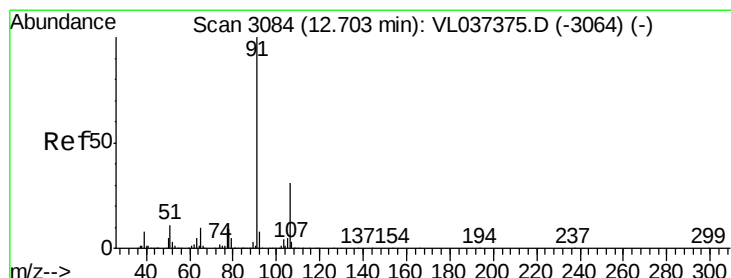
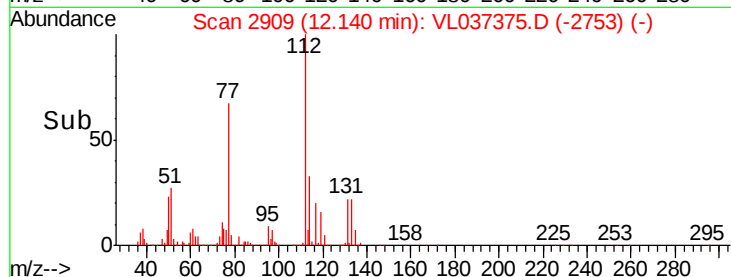
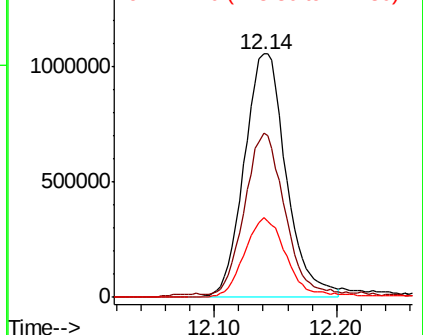
Tot Ion	Ratio	Lower	Upper
112	100		
77	66.1	52.9	79.3
114	33.1	29.8	36.4

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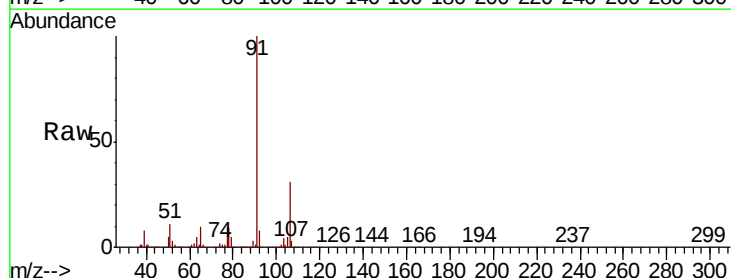


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

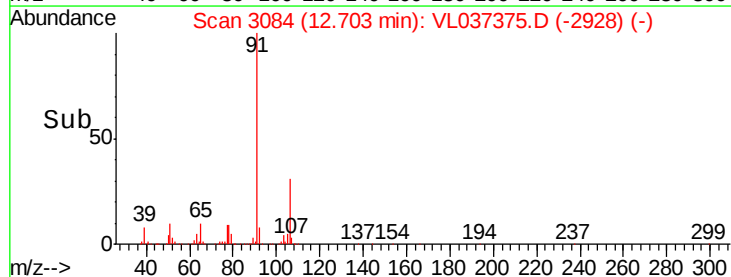
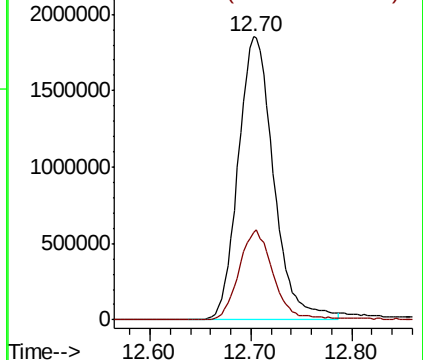


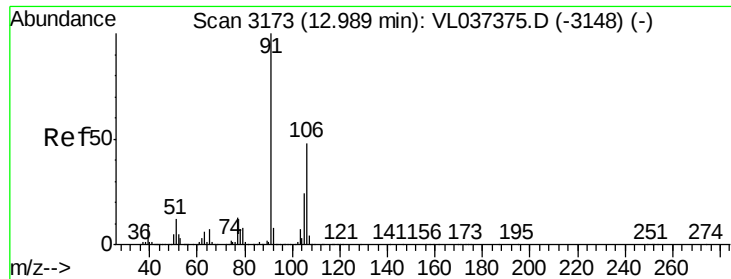
#58
Ethyl Benzene
Concen: 9.365 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.6	36.8



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





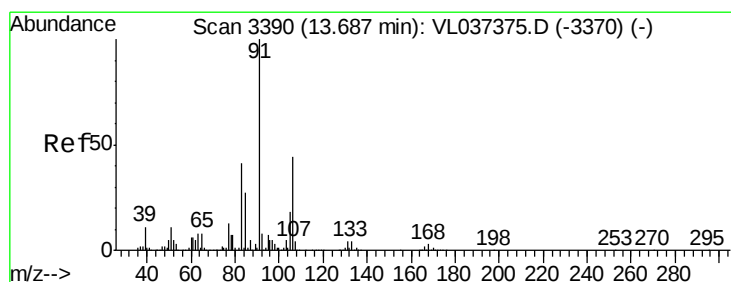
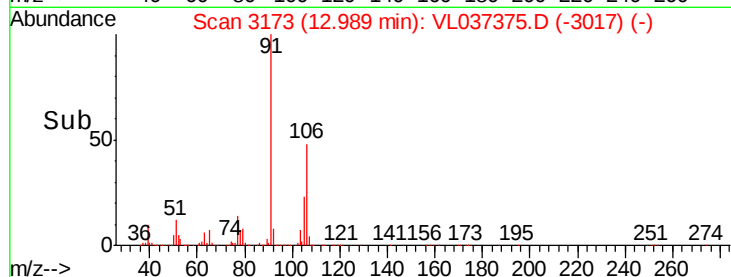
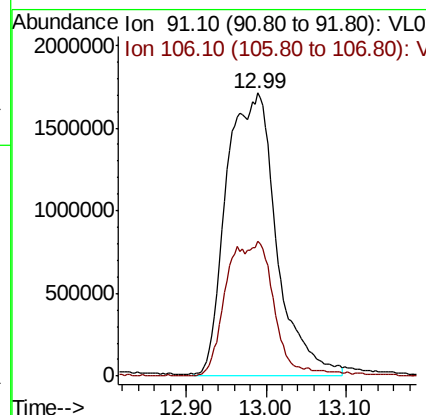
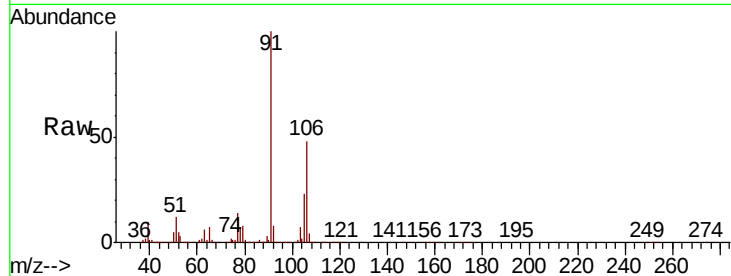
#59
m/p-Xylene
Concen: 18.361 ppbv m
RT: 12.99 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 91 Resp: 7509298
Ion Ratio Lower Upper
91 100
106 45.8 36.2 54.2

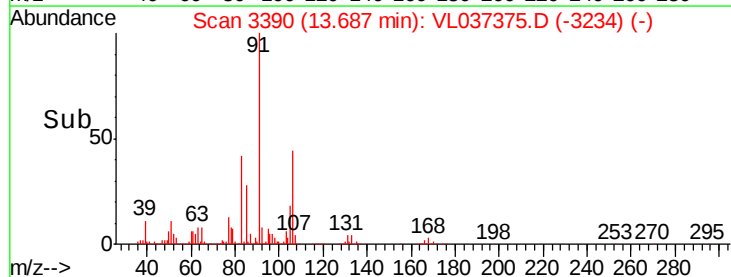
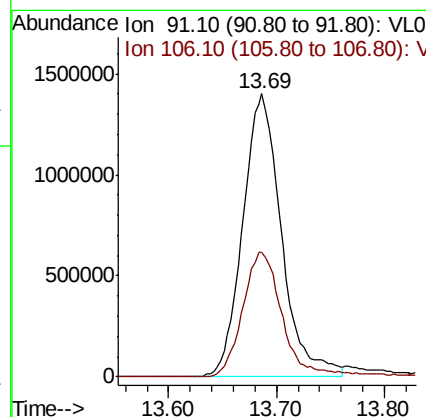
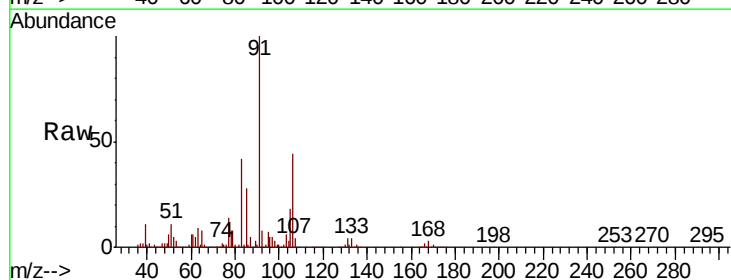
Manual Integrations
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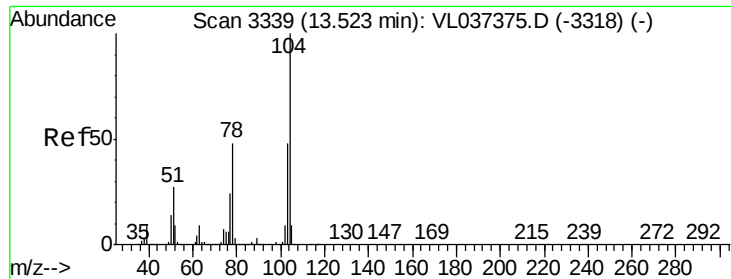
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#60
o-Xylene
Concen: 8.994 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion: 91 Resp: 3485730
Ion Ratio Lower Upper
91 100
106 46.4 23.4 70.0





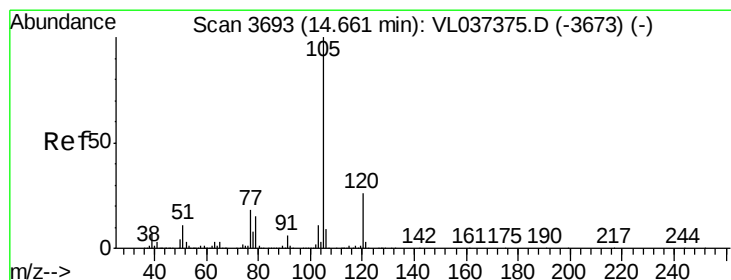
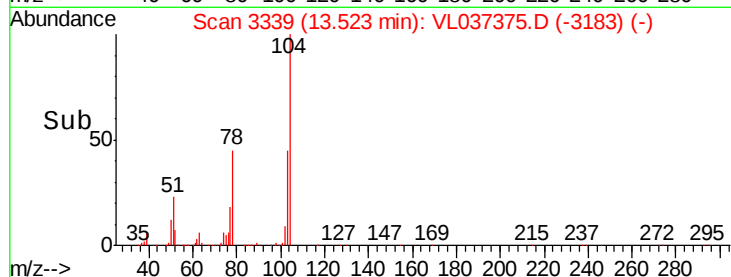
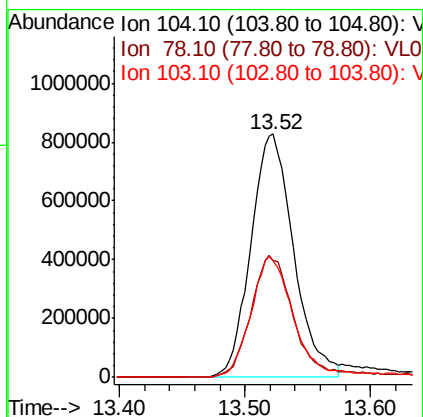
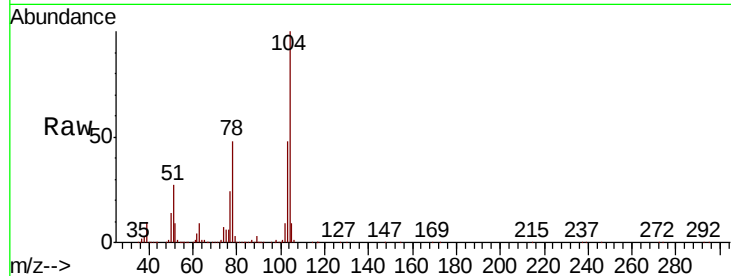
#61
Stvrene
Concen: 9.899 ppbv
RT: 13.52 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.4	62.2
103	50.8	40.6	61.0

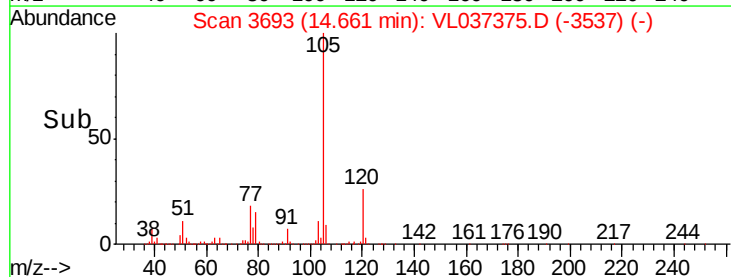
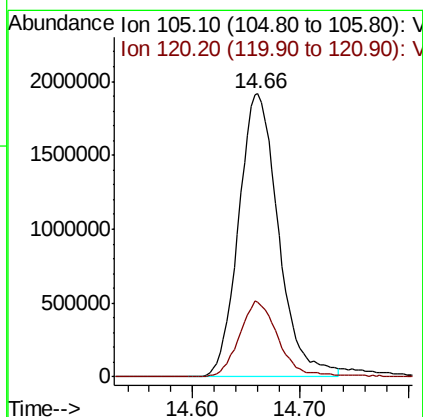
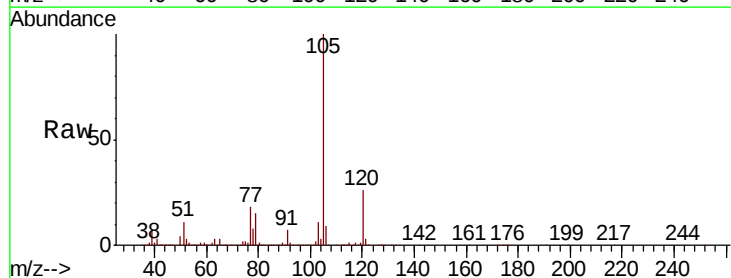
Manual Integrations
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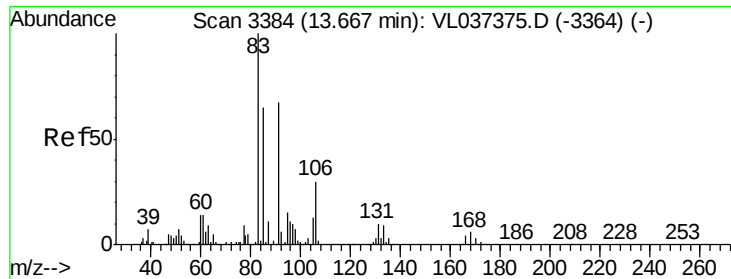
apatel
8/12/2021 10:16:32 AM



#62
Isopropylbenzene
Concen: 8.911 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.4	32.0





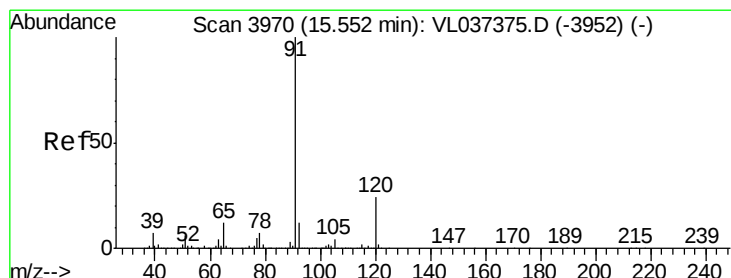
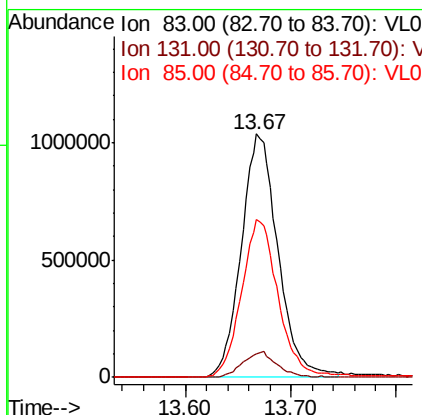
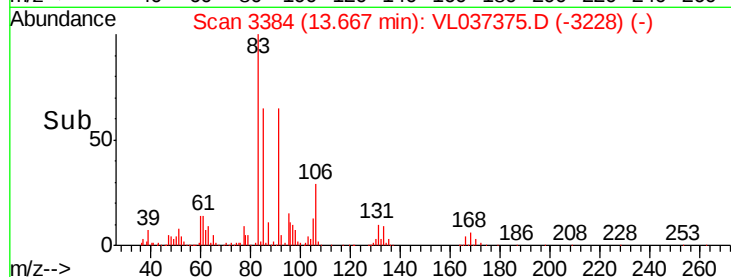
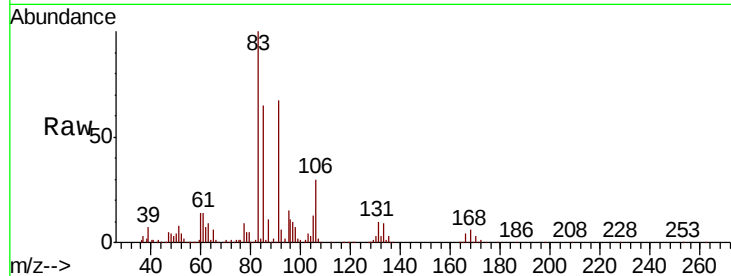
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.575 ppbv
 RT: 13.67 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	15.0
85	65.1	32.6	97.8

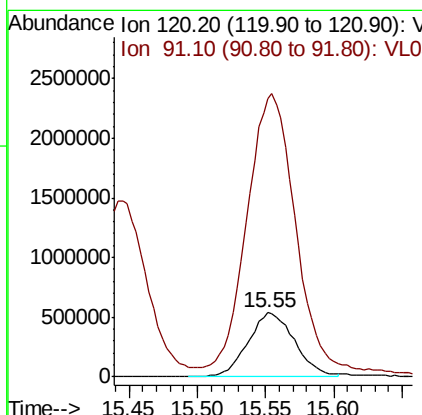
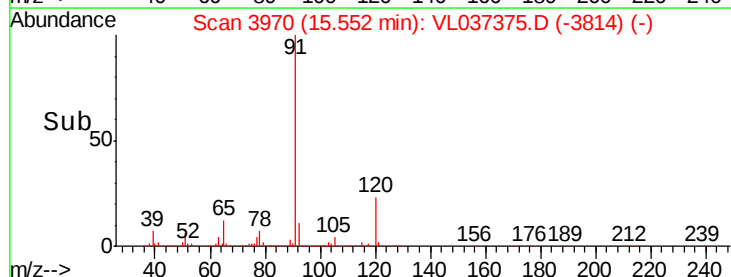
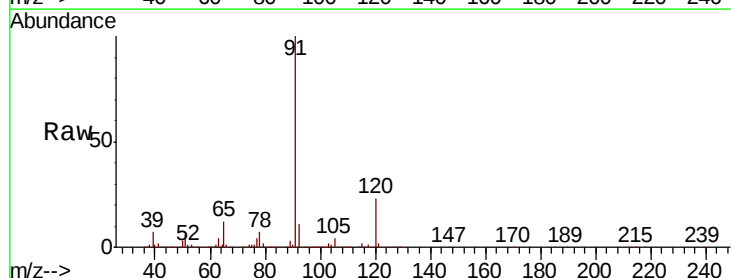
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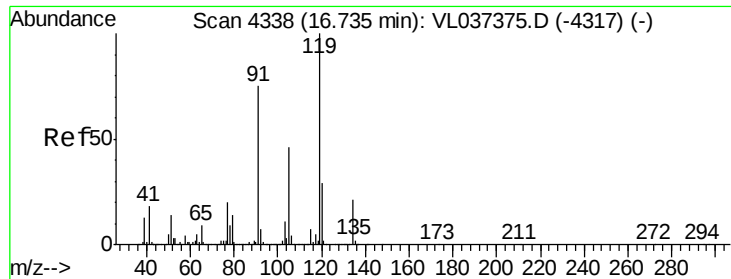
apatel
 8/12/2021 10:16:32 AM



#64
 n-propylbenzene
 Concen: 9.291 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
120	100		
91	482.6	386.1	579.1





#65

tert-Butylbenzene

Concen: 8.888 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 119 Resp: 4349483

Ion Ratio Lower Upper

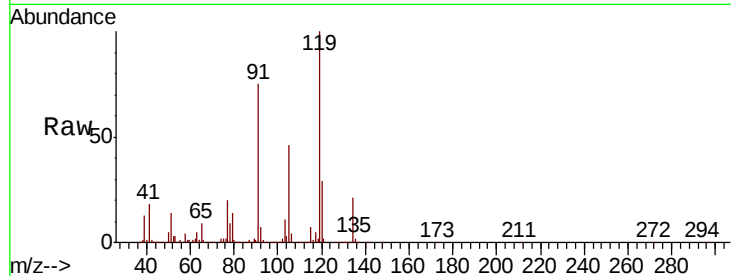
119 100

91 79.1 63.1 94.7

134 20.4 16.3 24.5

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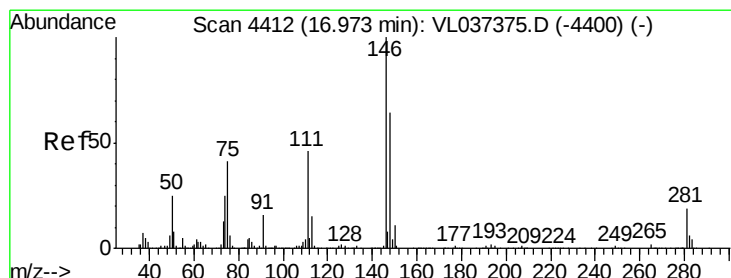
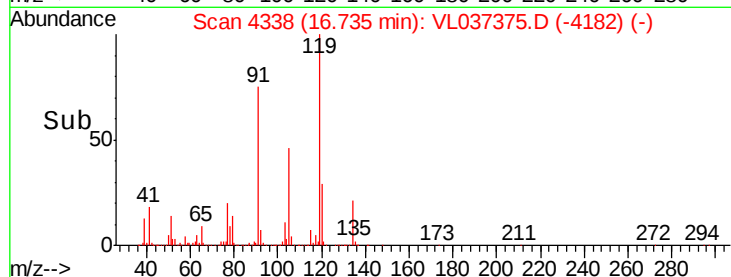
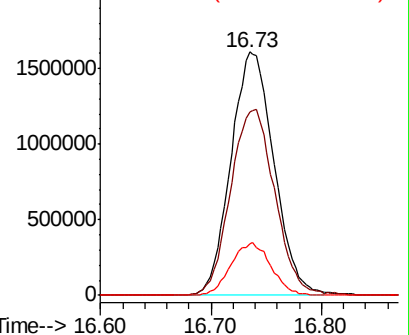
apatel
8/12/2021 10:16:32 AM



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 10.635 ppbv m

RT: 16.97 min Scan# 4412

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

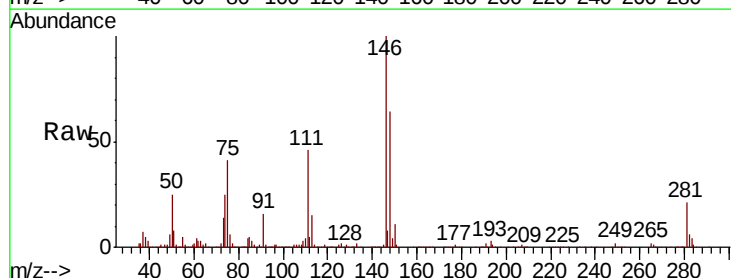
Tgt Ion: 91 Resp: 229523

Ion Ratio Lower Upper

91 100

126 16.9 13.4 20.0

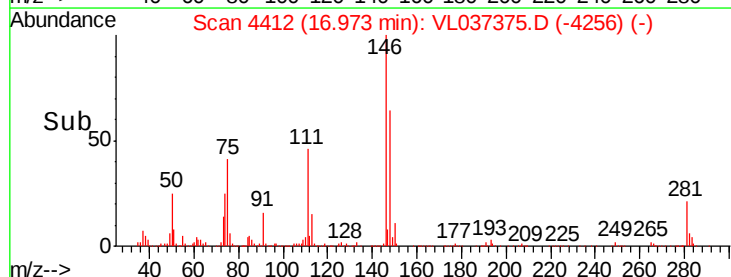
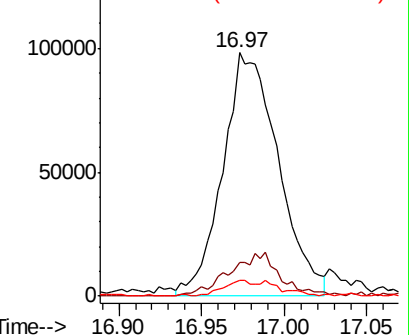
128 6.7 5.6 8.4

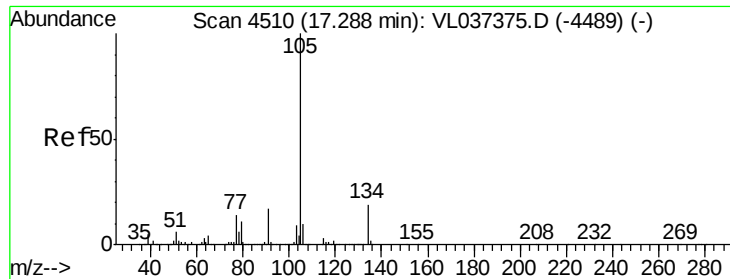


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





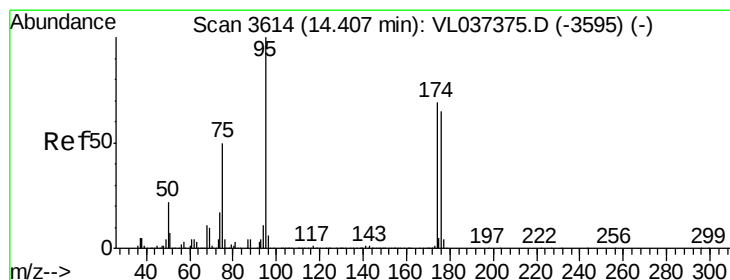
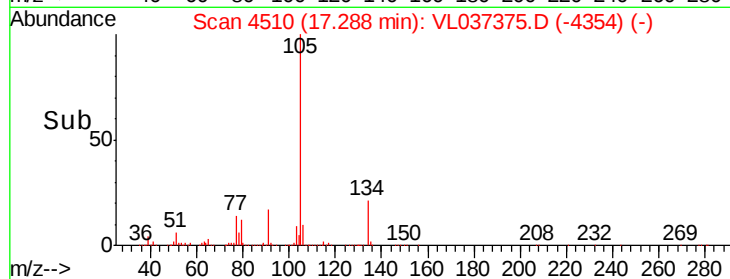
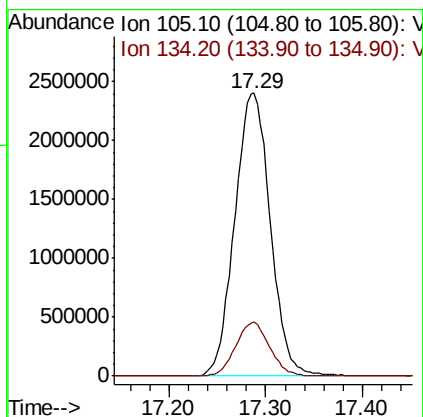
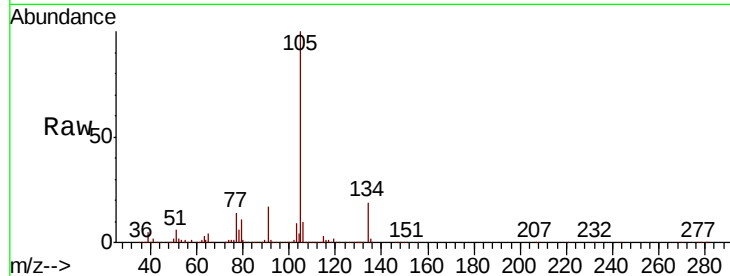
#67
 sec-Butylbenzene
 Concen: 9.282 ppbv
 RT: 17.29 min Scan# 4510
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampled :
 VSTDICCC010

Tot Ion: 105 Resp: 6119289
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.7 22.1

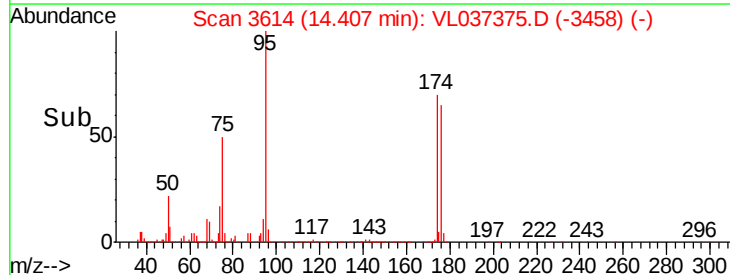
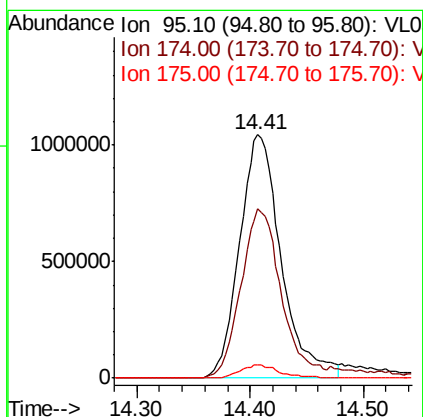
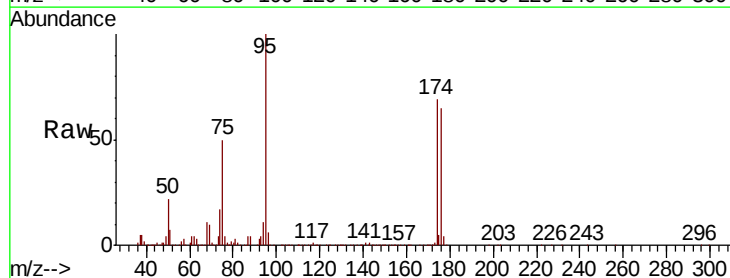
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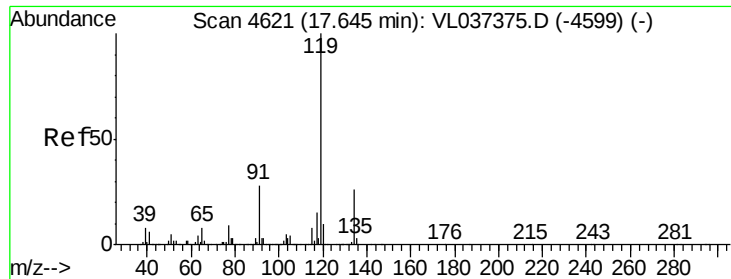
apatel
 8/12/2021 10:16:32 AM



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.103 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt Ion: 95 Resp: 2675147
 Ion Ratio Lower Upper
 95 100
 174 72.9 58.3 87.5
 175 5.4 4.3 6.5





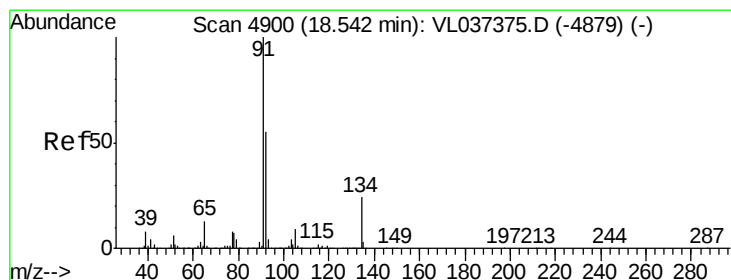
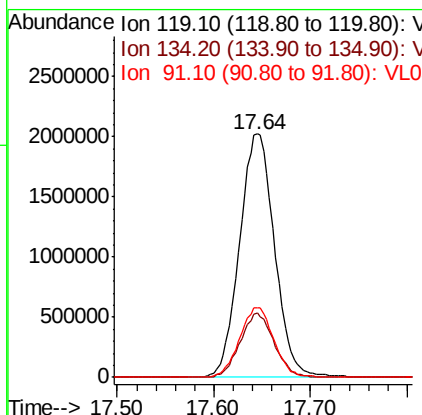
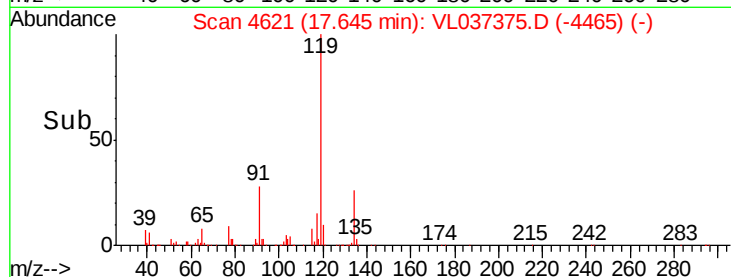
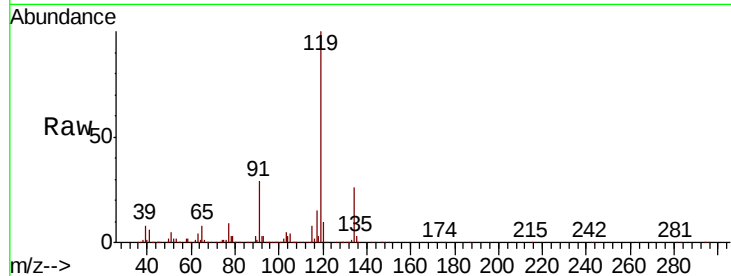
#69
 p-Isopropyltoluene
 Concen: 9.195 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.5	30.7
91	28.1	22.6	34.0

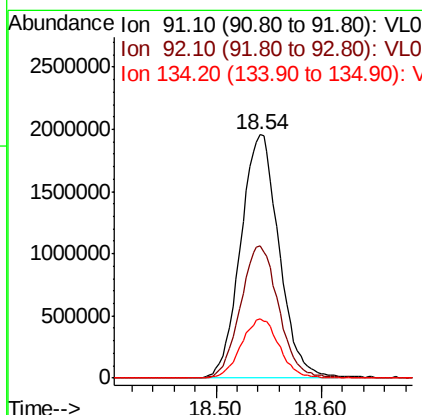
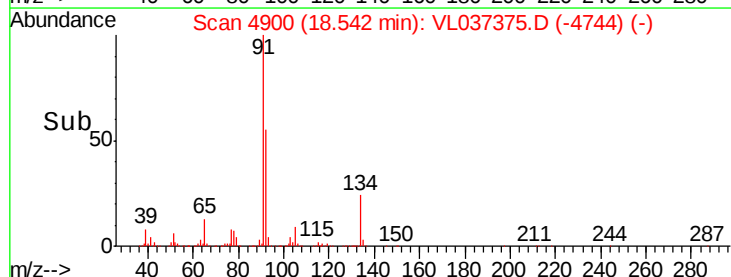
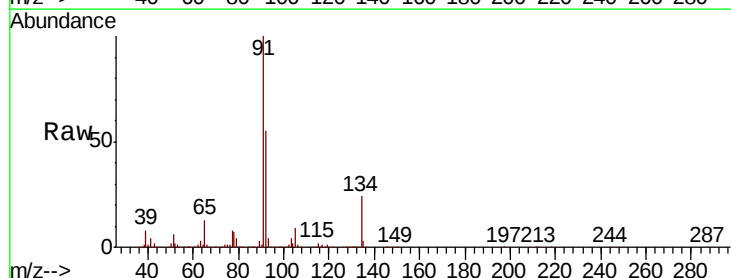
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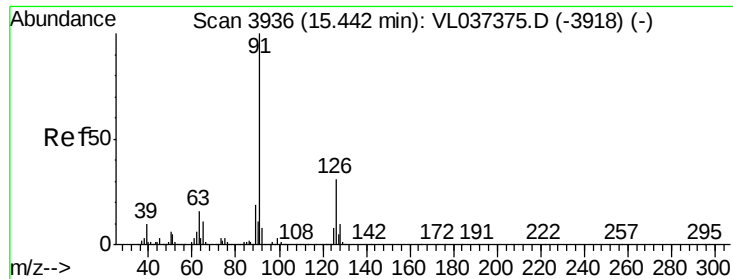
apatel
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#70
 n-Butylbenzene
 Concen: 9.613 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.7	65.5
134	24.2	19.4	29.0





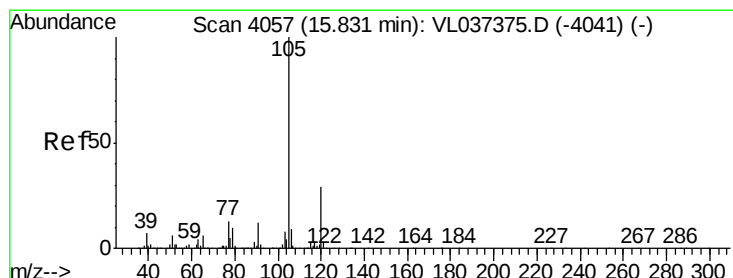
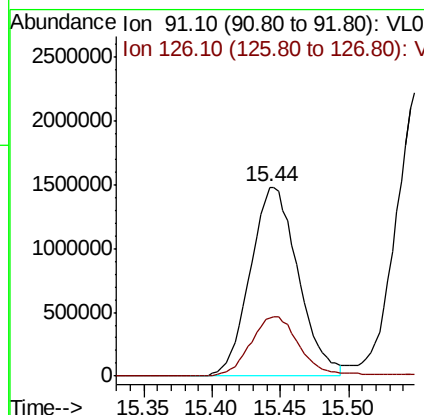
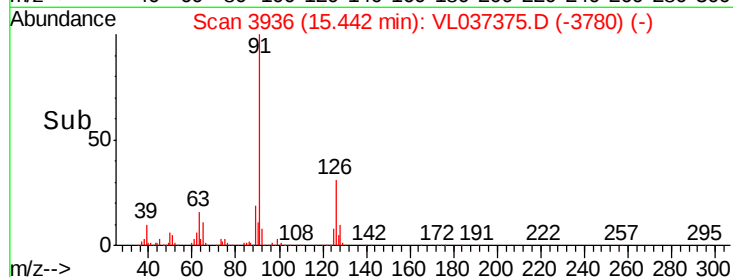
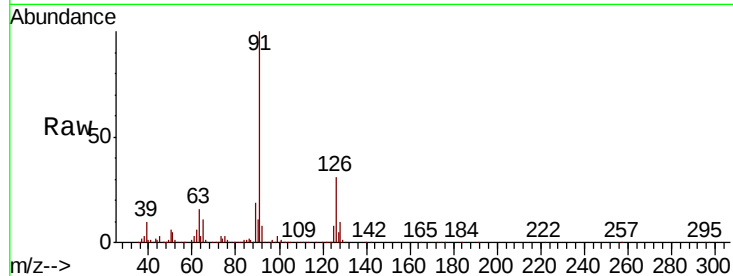
#71
2-Chlorotoluene
Concen: 9.313 ppbv
RT: 15.44 min Scan# 3936
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 91 Resp: 3608341
Ion Ratio Lower Upper
91 100
126 33.3 13.3 53.3

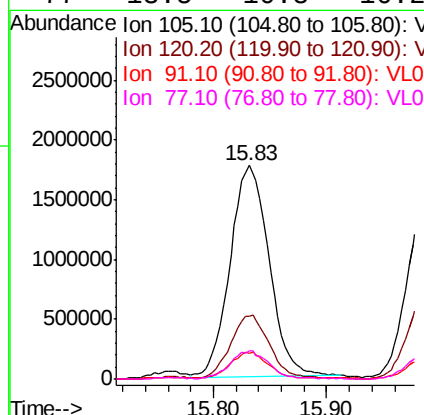
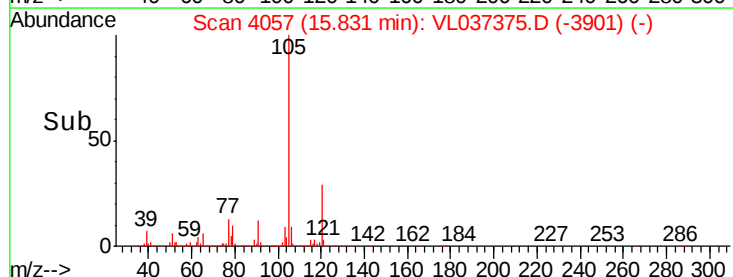
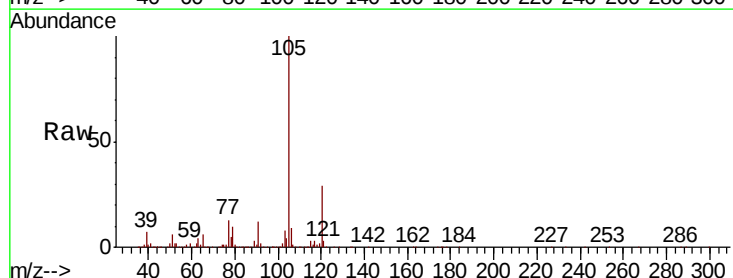
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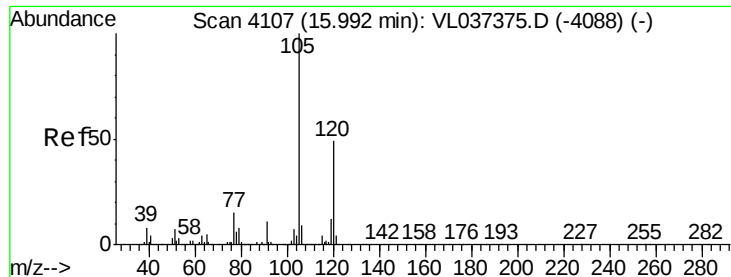
apatel
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#72
4-Ethyltoluene
Concen: 9.582 ppbv
RT: 15.83 min Scan# 4057
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion:105 Resp: 4240839
Ion Ratio Lower Upper
105 100
120 30.6 24.6 36.8
91 12.4 9.8 14.6
77 13.5 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 8.958 ppbv

RT: 15.99 min Scan# 4107

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 3827037

Ion Ratio Lower Upper

105 100

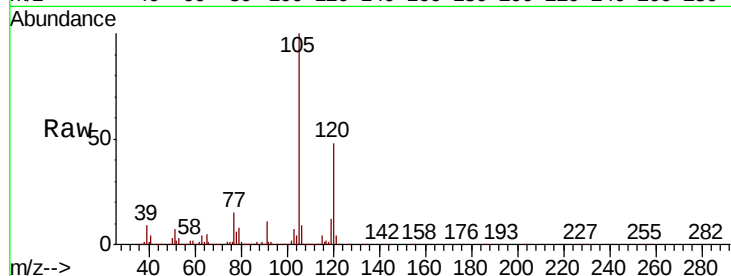
120 48.6 38.9 58.3

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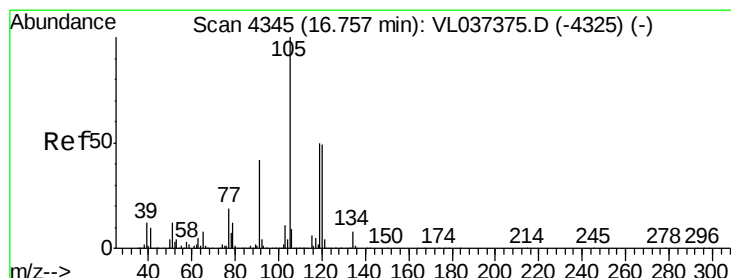
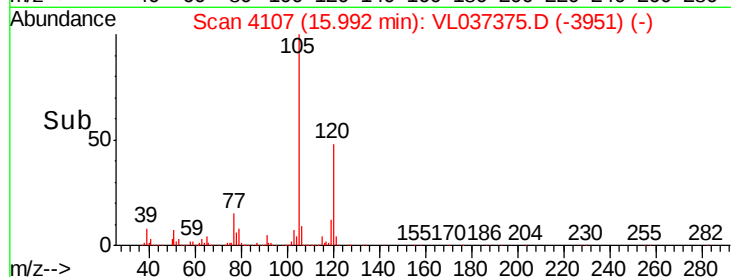
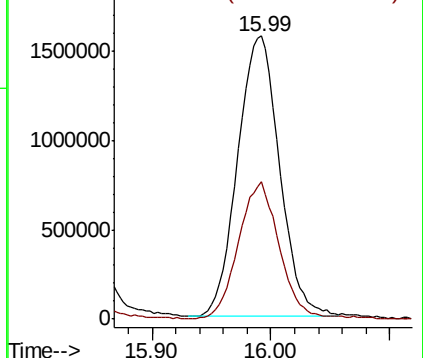
apatel

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 9.030 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Tgt Ion:105 Resp: 3968575

Ion Ratio Lower Upper

105 100

120 48.7 39.0 58.4

91 43.0 34.4 51.6

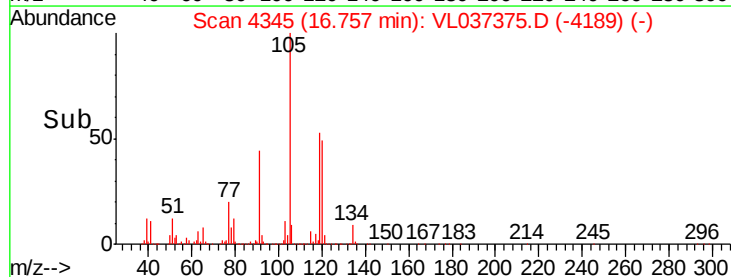
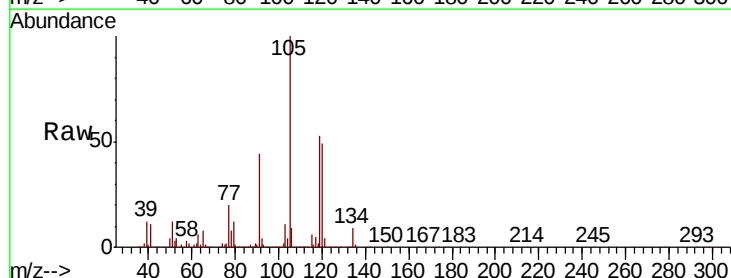
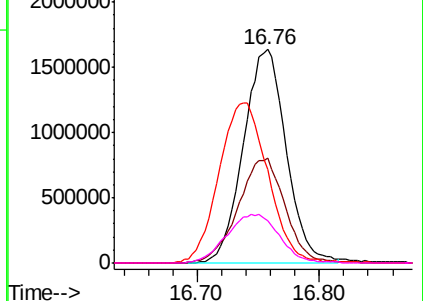
77 19.6 15.7 23.5

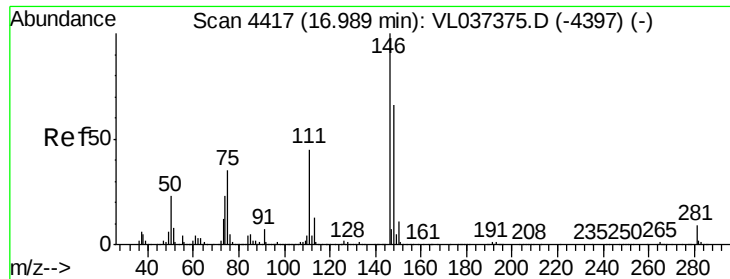
Abundance Ion 105.10 (104.80 to 105.80): V

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





#75

1,3-Dichlorobenzene

Concen: 9.059 ppbv

RT: 16.99 min Scan# 4417

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Instrument :

MSVOA_L

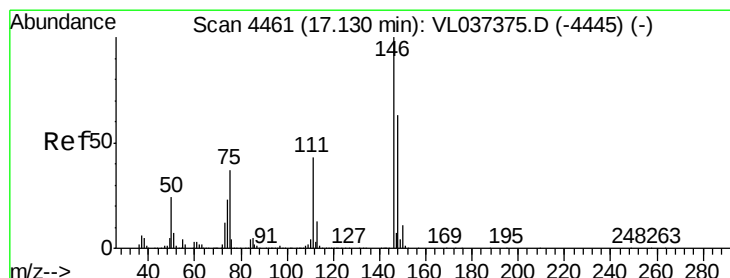
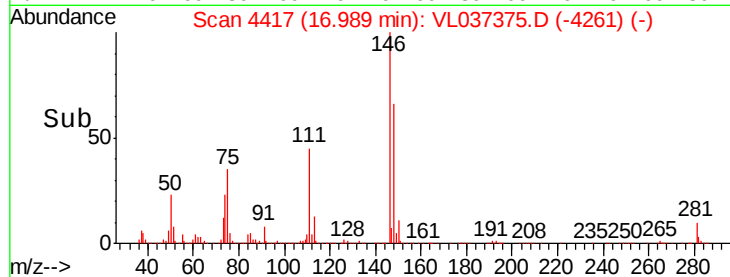
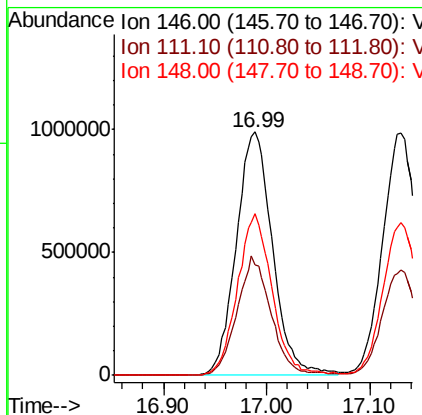
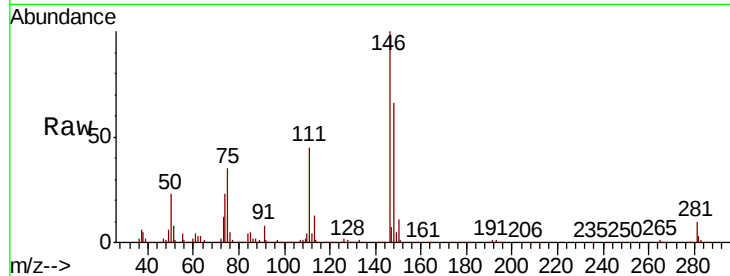
ClientSampled :

VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.9	68.7
148	63.7	31.8	95.3

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#76

1,4-Dichlorobenzene

Concen: 8.651 ppbv

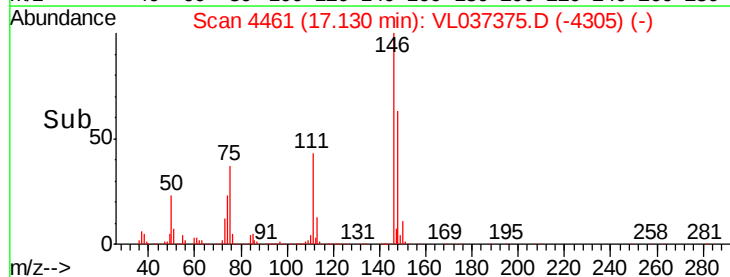
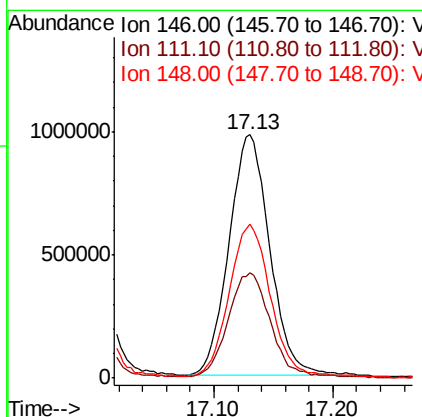
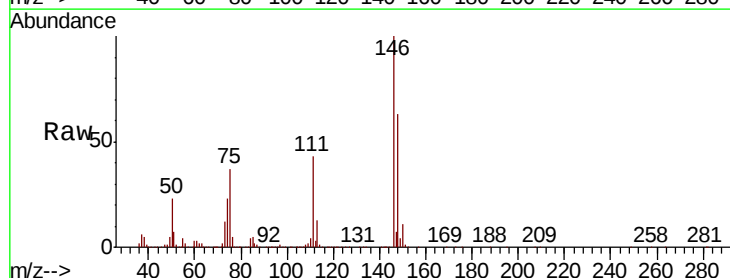
RT: 17.13 min Scan# 4461

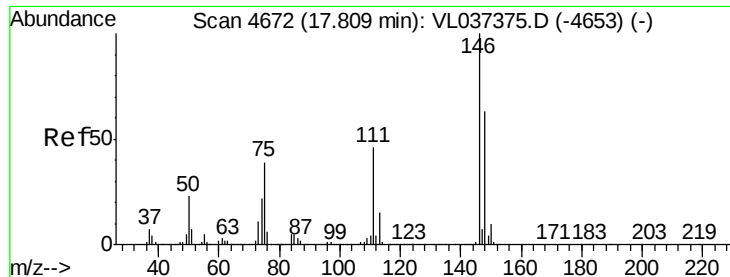
Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.6	23.3	69.9
148	66.5	32.9	98.7





#77

1,2-Dichlorobenzene

Concen: 8.848 ppbv

RT: 17.81 min Scan# 4672

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:146 Resp: 2288924

Ion Ratio Lower Upper

146 100

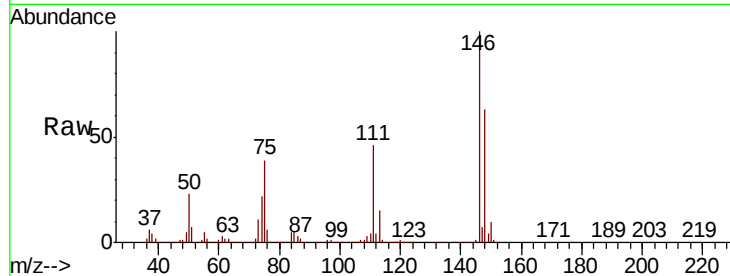
111 46.8 23.4 70.2

148 64.6 32.3 96.9

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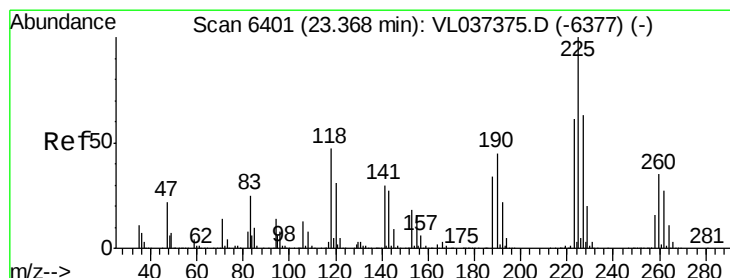
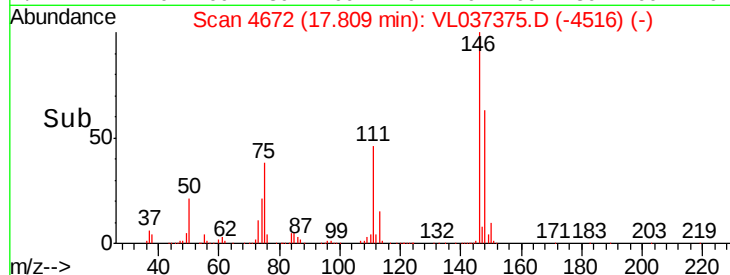
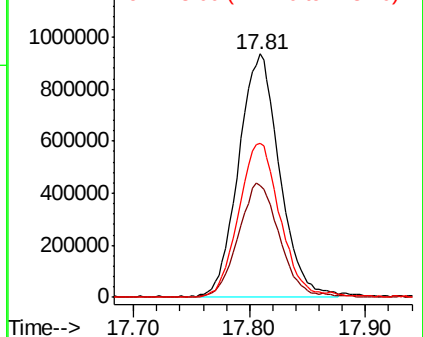


Abundance

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



#78

Hexachloro-1,3-Butadiene

Concen: 7.507 ppbv

RT: 23.37 min Scan# 6401

Delta R.T. 0.00 min

Lab File: VL037375.D

Acq: 11 Aug 2021 2:24

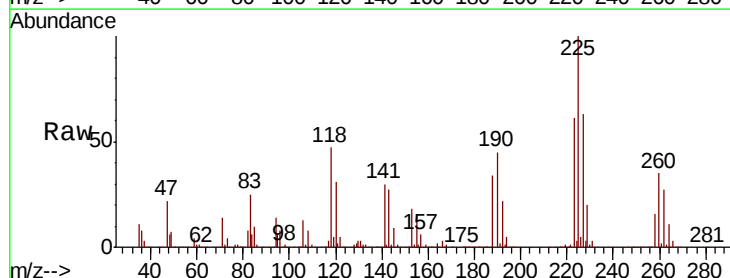
Tgt Ion:225 Resp: 1658602

Ion Ratio Lower Upper

225 100

223 64.8 51.8 77.8

227 65.3 52.3 78.5

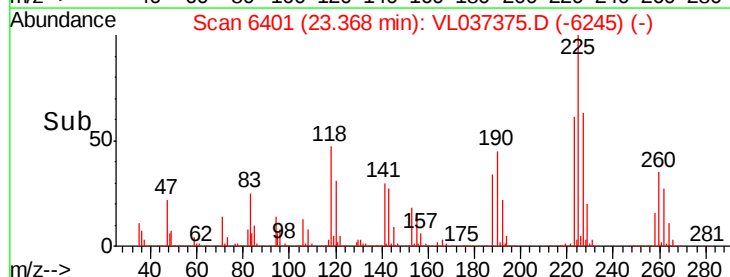
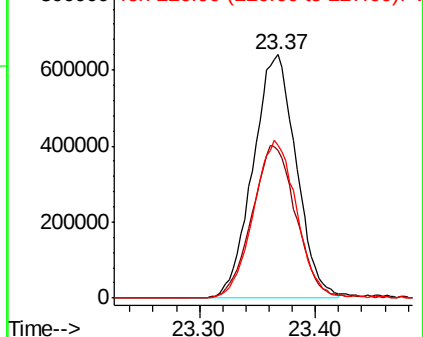


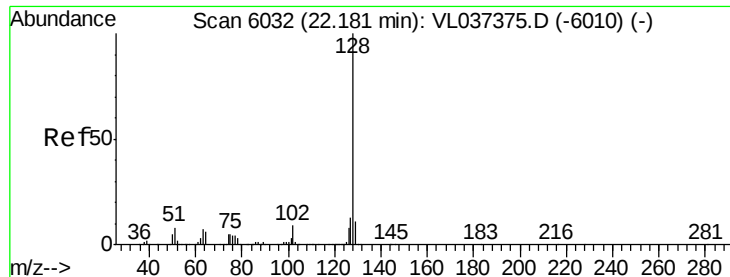
Abundance

Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





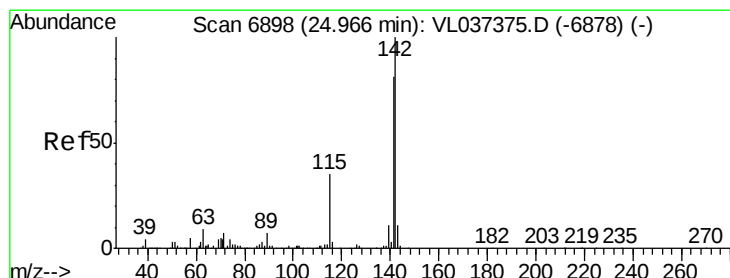
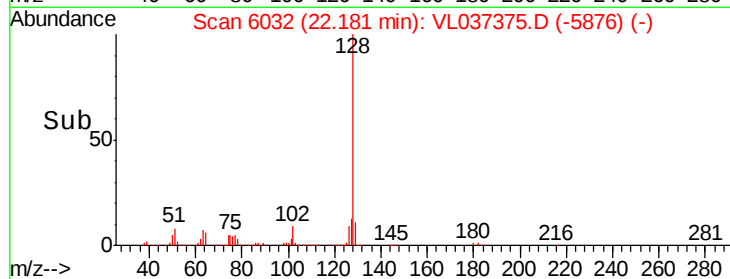
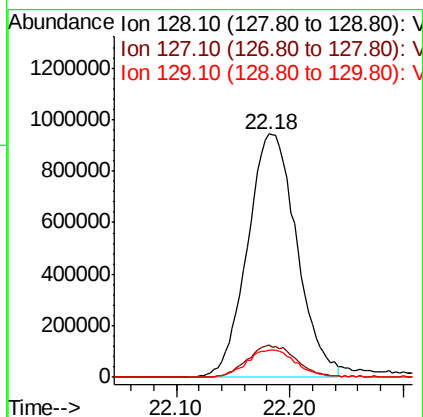
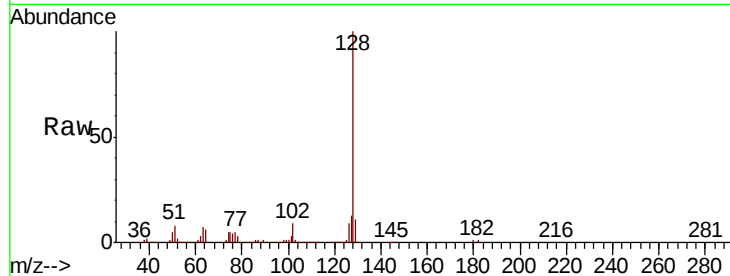
#79
Naphthalene
Concen: 8.157 ppbv
RT: 22.18 min Scan# 6032
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.2	9.0	13.4

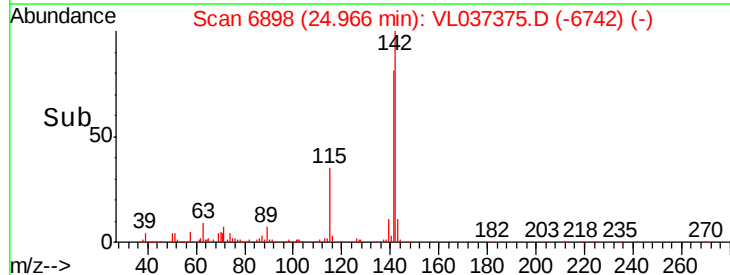
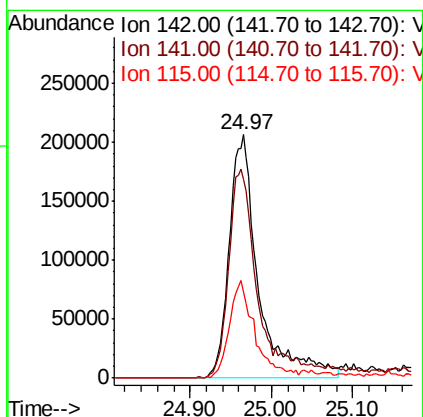
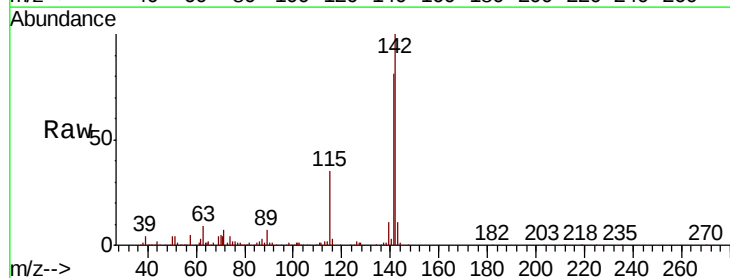
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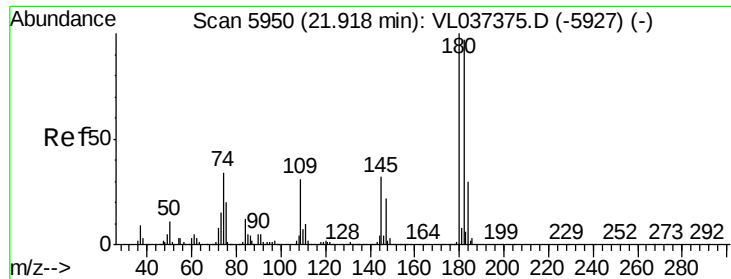
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#80
Naphthalene, 2-methyl-
Concen: 6.236 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.00 min
Lab File: VL037375.D
Acq: 11 Aug 2021 2:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.3	109.9
115	35.1	31.2	46.8





#81
 1,2,4-Trichlorobenzene
 Concen: 8.405 ppbv
 RT: 21.92 min Scan# 5950
 Delta R.T. 0.00 min
 Lab File: VL037375.D
 Acq: 11 Aug 2021 2:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.9	115.3
184	30.4	24.6	36.8

Manual Integrations
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