

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037382.D
 Acq On : 11 Aug 2021 6:59
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Manual Integrations
 APPROVED

apatel
 8/12/2021 10:16:49 AM

Quant Time: Aug 11 09:04:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 11 09:04:06 2021
 QLast Update : Wed Aug 11 09:01:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1314305	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3967499	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3541660m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2761949	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	2389587	10.059	ppbv	100
3) Chlorodifluoromethane	2.99	51	2143898	8.773	ppbv	100
4) Chloromethane	3.14	50	764909	8.499	ppbv	100
5) Vinyl Chloride	3.26	62	799099	8.691	ppbv	98
6) Bromomethane	3.47	94	389152	7.721	ppbv	98
7) Chloroethane	3.56	64	277487	8.813	ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	1891980	9.129	ppbv	99
9) Propene	3.01	41	758676	9.119	ppbv	100
10) Heptane	8.12	43	1890498	9.607	ppbv	99
11) Trichlorofluoromethane	3.95	101	1753183	8.778	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1260119	8.865	ppbv	97
13) Ethanol	3.61	45	82785m	8.243	ppbv	
14) Bromoethene	3.74	108	582552	8.960	ppbv	97
15) Acetone	3.85	43	954357	7.621	ppbv	97
16) 1,3-Butadiene	3.32	39	792591	9.010	ppbv	98
17) tert-Butyl alcohol	4.29	59	1092136	9.749	ppbv	100
18) 1,1-Dichloroethene	4.29	96	573989	8.912	ppbv	95
19) Isopropyl Alcohol	3.97	45	635714	8.818	ppbv #	34
20) Methylene Chloride	4.34	84	532447m	7.830	ppbv	
21) Allyl Chloride	4.41	41	892843	9.090	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	556495	9.143	ppbv	95
23) Vinyl Acetate	5.07	43	1844841	9.167	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1447463	9.144	ppbv	100
25) Ethyl Acetate	5.67	43	2942737	9.179	ppbv	99
26) Hexane	5.68	57	1434778	8.837	ppbv	96
27) Carbon Disulfide	4.55	76	1382789	10.163	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1626951	9.383	ppbv	100
29) Chloroform	5.75	83	2075984	8.917	ppbv	99
30) Cyclohexane	7.13	84	1195686	8.897	ppbv	98
31) cis-1,2-Dichloroethene	5.55	61	1361038	9.356	ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	2036463	9.022	ppbv	99
34) 2-Butanone	5.24	43	1273745	8.450	ppbv	100
35) Carbon Tetrachloride	7.02	117	2098159	9.483	ppbv	99
36) Benzene	6.89	78	2953979	9.382	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1462654	9.082	ppbv	98
38) Trichloroethene	7.83	130	1159483	8.649	ppbv	95
39) 1,2-Dichloropropane	7.61	63	1121691	9.745	ppbv	94
40) 1,4-Dioxane	7.83	88	225198	7.343	ppbv #	100
41) Tetrahydrofuran	6.05	42	649821	9.170	ppbv	99
42) Bromodichloromethane	7.79	83	2225487	9.776	ppbv	99
43) Methyl Methacrylate	8.01	69	1057089	9.647	ppbv	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4862925	9.260	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	727518	8.843	ppbv	98
46) cis-1,3-Dichloropropene	8.70	75	947024	8.510	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1210471	9.332	ppbv	99
48) Dibromochloromethane	10.30	129	1932300	10.100	ppbv	99
49) Bromoform	13.03	173	1585767	10.549	ppbv	97
50) 4-Methyl-2-Pentanone	8.74	43	1933412	9.817	ppbv	100
51) 2-Hexanone	10.13	43	915158	10.485	ppbv #	98
52) Tetrachloroethene	11.22	164	1083008	8.439	ppbv	97
53) Toluene	9.80	91	3427876	9.388	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1713547	9.332	ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.12	131	1352732	9.881	ppbv	95
57) Chlorobenzene	12.14	112	2515473	9.203	ppbv	99
58) Ethyl Benzene	12.70	91	4509897	9.540	ppbv	100
59) m/p-Xylene	12.99	91	7424668m	18.242	ppbv	
60) o-Xylene	13.69	91	3493689	9.259	ppbv	99
61) Styrene	13.52	104	1984980	10.155	ppbv	99
62) Isopropylbenzene	14.66	105	4918030	9.253	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	2423593	8.494	ppbv	99
64) n-propylbenzene	15.55	120	1270582	9.420	ppbv	91
65) tert-Butylbenzene	16.74	119	4210899	8.783	ppbv	100
66) Benzyl Chloride	16.98	91	167824	8.257	ppbv #	90
67) sec-Butylbenzene	17.29	105	5880040	8.922	ppbv	100
69) p-Isopropyltoluene	17.64	119	4872780	9.155	ppbv	100
70) n-Butylbenzene	18.54	91	4726958	9.452	ppbv	100
71) 2-Chlorotoluene	15.45	91	3625690	9.343	ppbv	98
72) 4-Ethyltoluene	15.83	105	4203058	9.524	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3761734	9.190	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	3816067	9.180	ppbv #	91
75) 1,3-Dichlorobenzene	16.99	146	2259368	8.945	ppbv	98
76) 1,4-Dichlorobenzene	17.13	146	2192199	8.839	ppbv	100
77) 1,2-Dichlorobenzene	17.81	146	2147729	8.822	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1656758	8.487	ppbv	99
79) Naphthalene	22.18	128	2769728	12.231	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	724016	16.263	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	1651809	10.636	ppbv	98

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

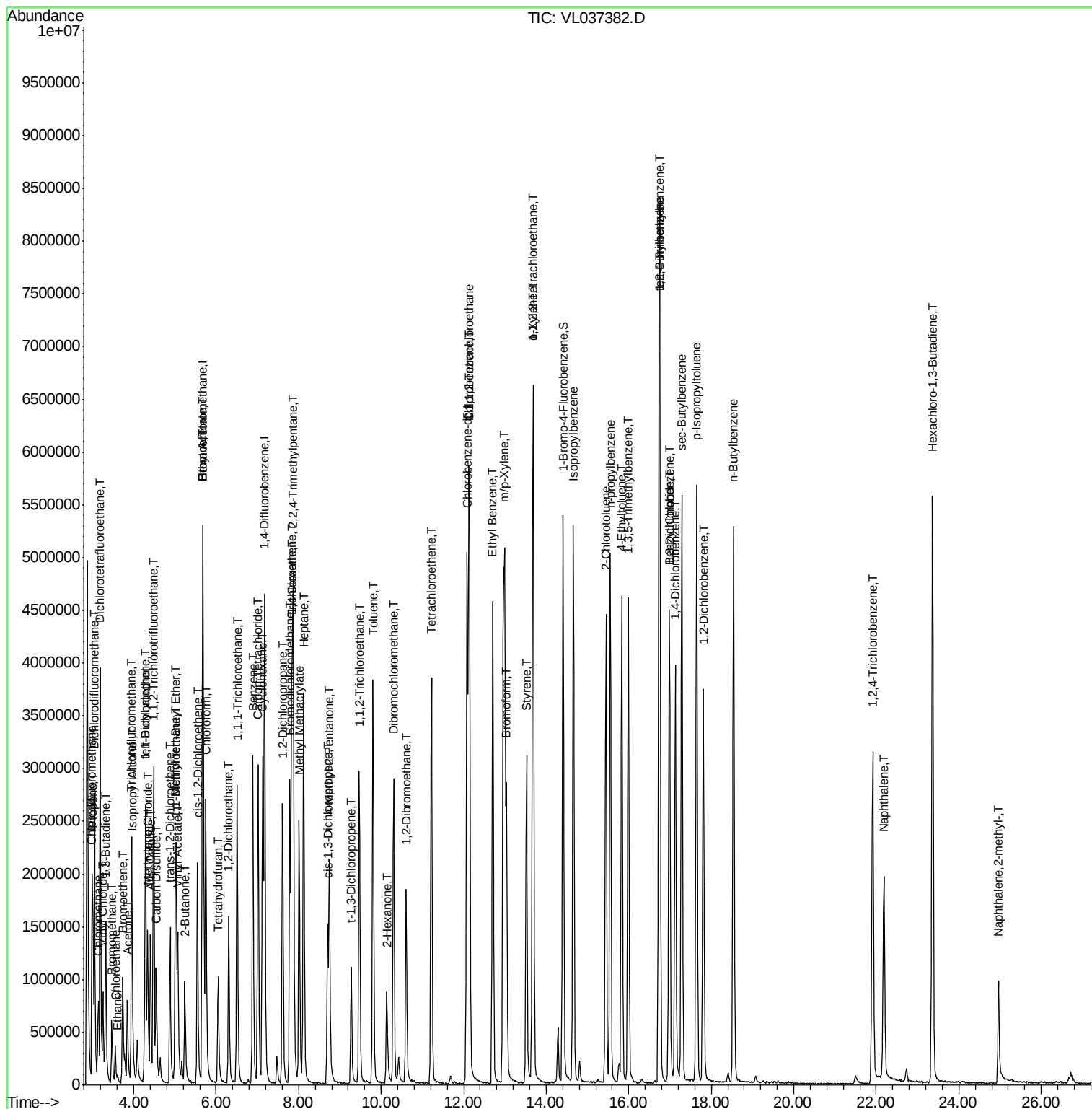
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
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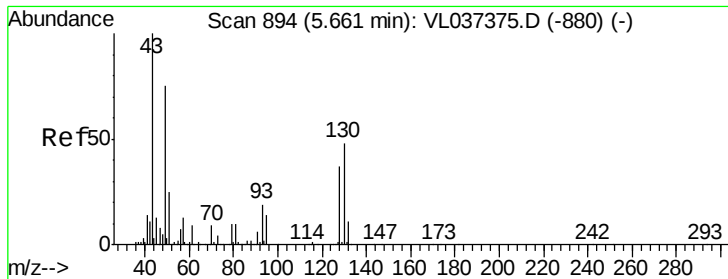
Instrument :
MSVOA_L
ClientSampled :
ICVVL081121

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion: 49 Resp: 1314305

Ion Ratio Lower Upper

49 100

128 55.2 28.1 84.4

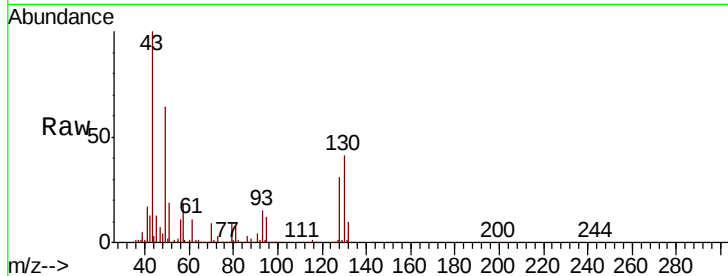
130 67.8 34.3 102.8

Manual Integrations

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

800000

600000

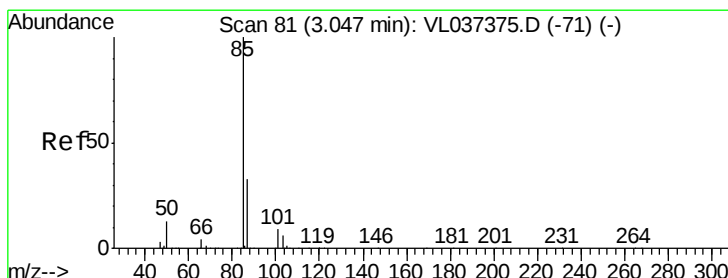
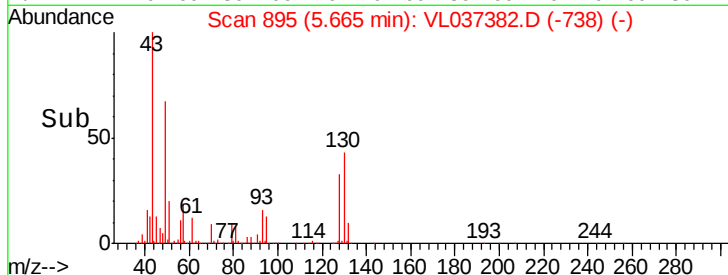
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 10.059 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL037382.D

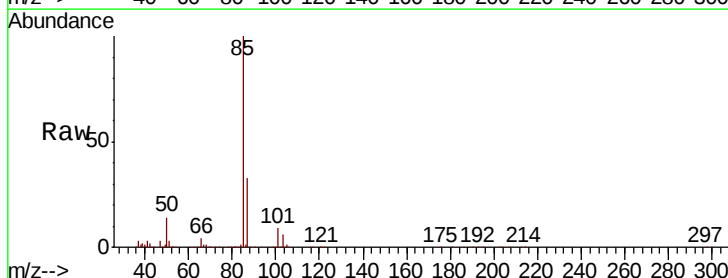
Acq: 11 Aug 2021 6:59

Tgt Ion: 85 Resp: 2389587

Ion Ratio Lower Upper

85 100

87 32.9 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

1500000

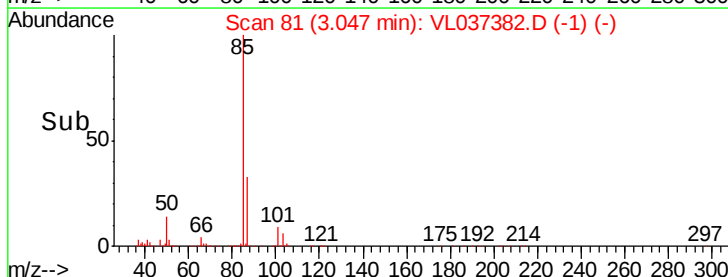
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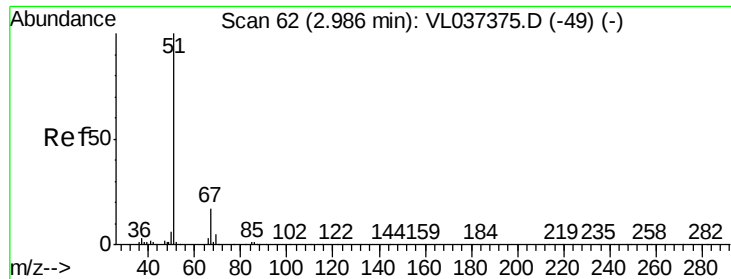
500000

0

3.00 3.05 3.10

Time-->





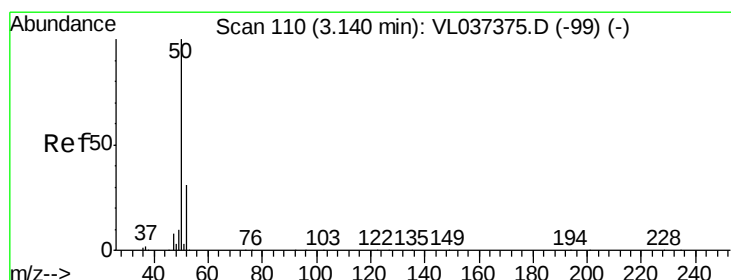
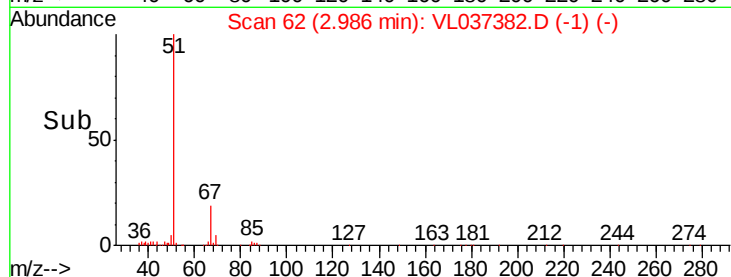
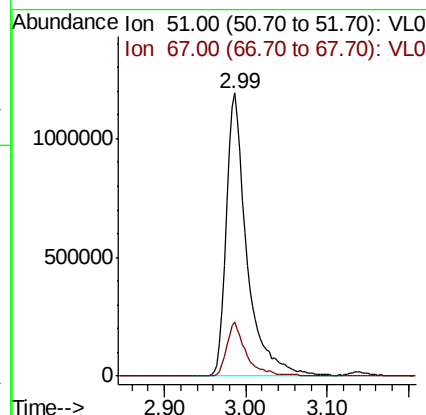
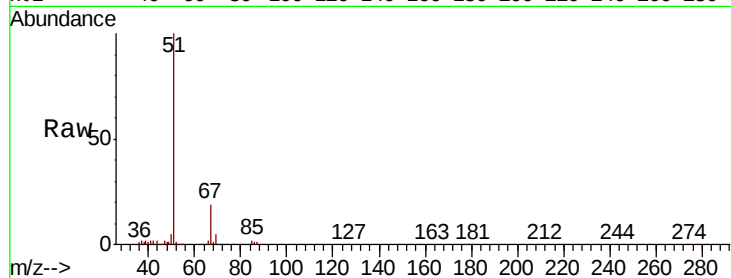
#3
Chlorodifluoromethane
Concen: 8.773 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Lower	Upper
51	100		
67	18.1	14.3	21.5

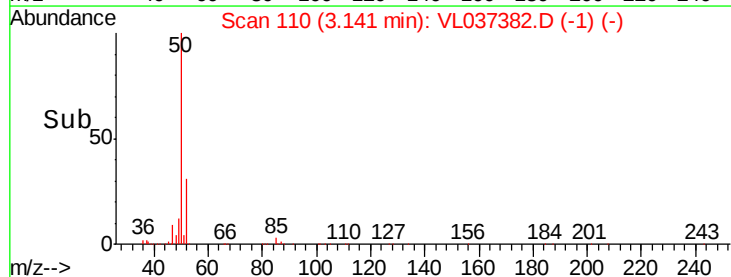
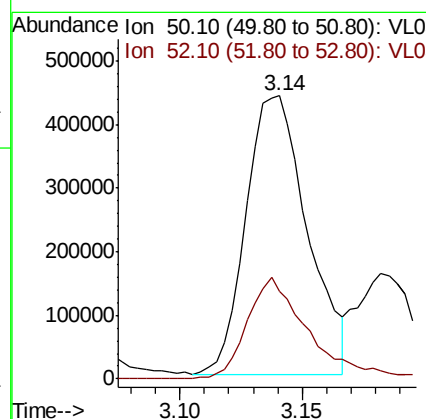
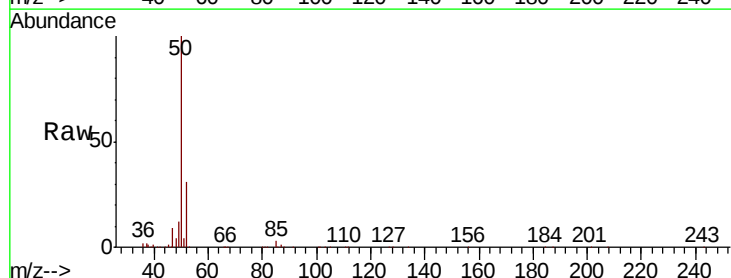
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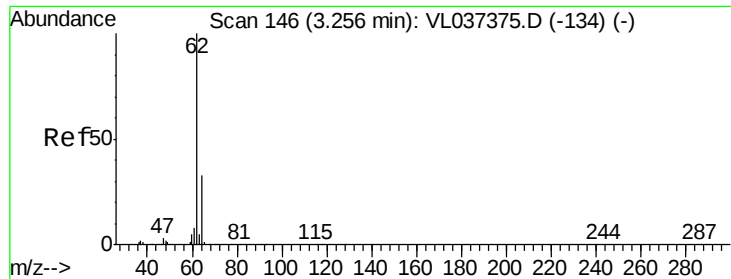
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#4
Chloromethane
Concen: 8.499 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.0	37.4





#5

Vinyl Chloride

Concen: 8.691 ppbv

RT: 3.26 min Scan# 146

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion: 62 Resp: 799099

Ion Ratio Lower Upper

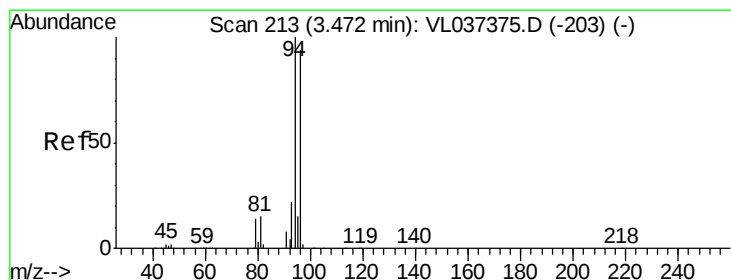
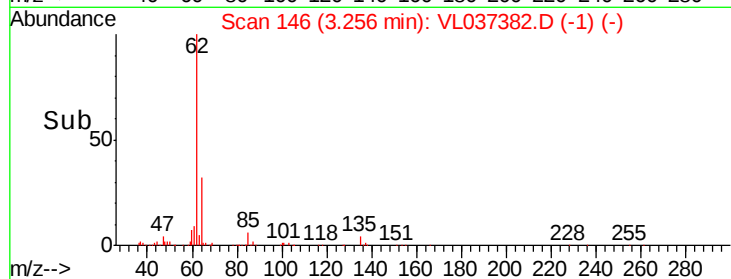
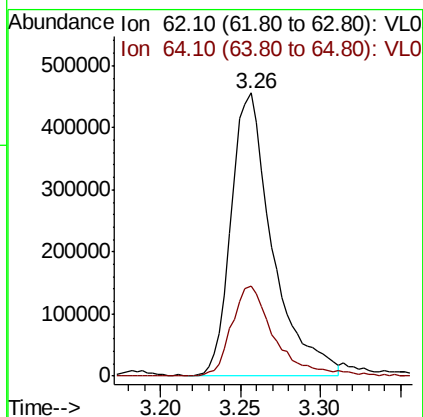
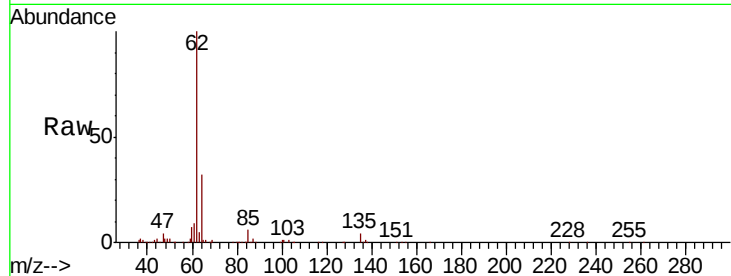
62 100

64 31.8 26.2 39.4

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#6

Bromomethane

Concen: 7.721 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL037382.D

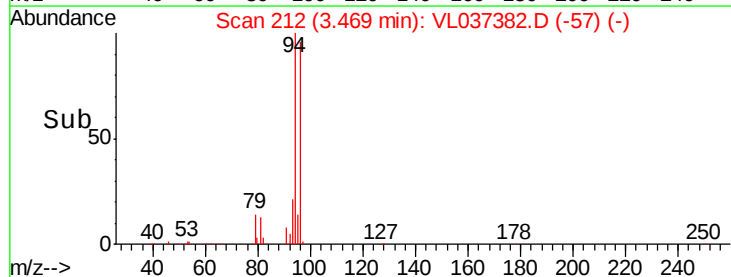
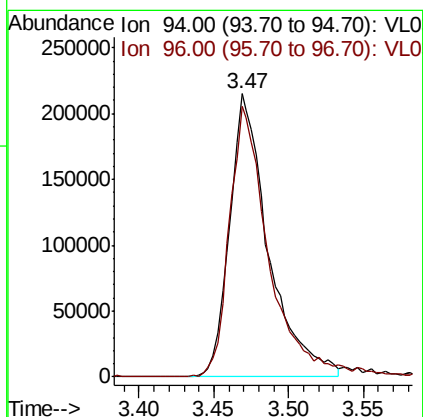
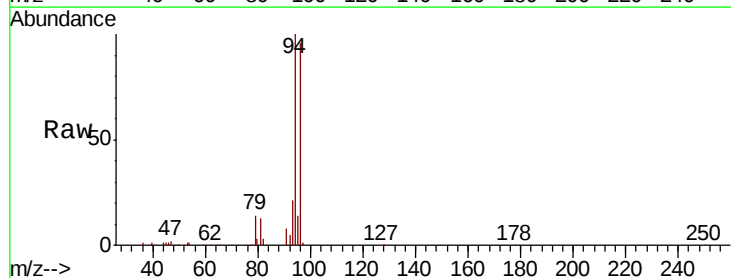
Acq: 11 Aug 2021 6:59

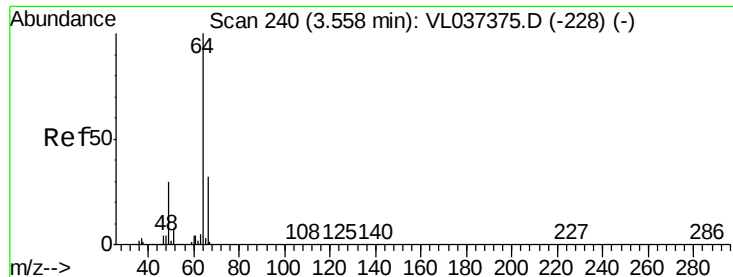
Tgt Ion: 94 Resp: 389152

Ion Ratio Lower Upper

94 100

96 95.7 75.0 112.6





#7

Chloroethane

Concen: 8.813 ppbv

RT: 3.56 min Scan# 239

Delta R.T. -0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

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Tot Ion: 64 Resp: 277487

Ion Ratio Lower Upper

64 100

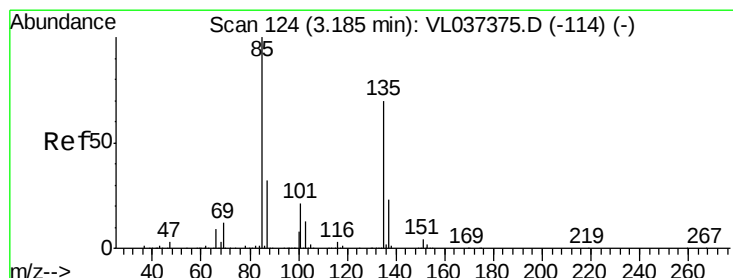
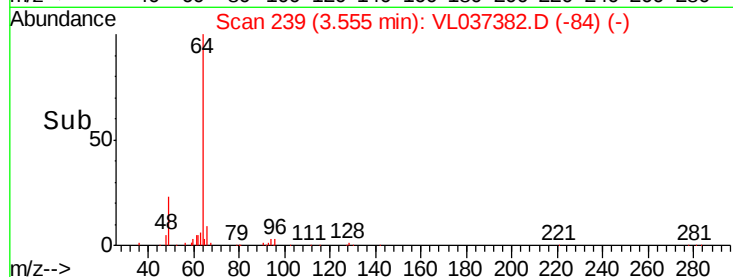
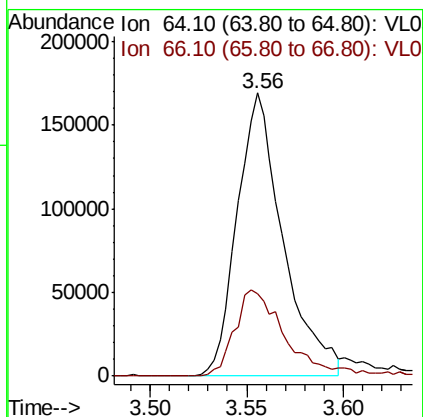
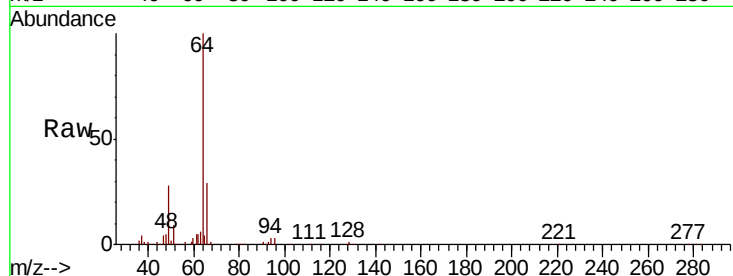
66 29.1 25.4 38.0

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#8

Dichlorotetrafluoroethane

Concen: 9.129 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL037382.D

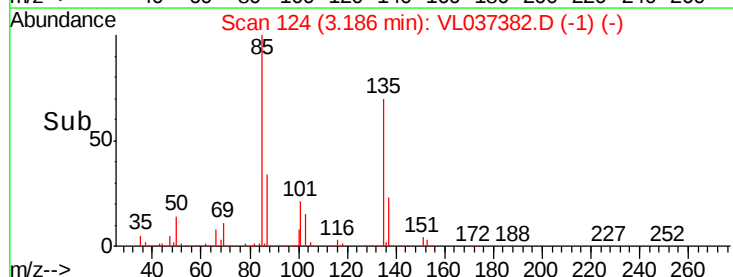
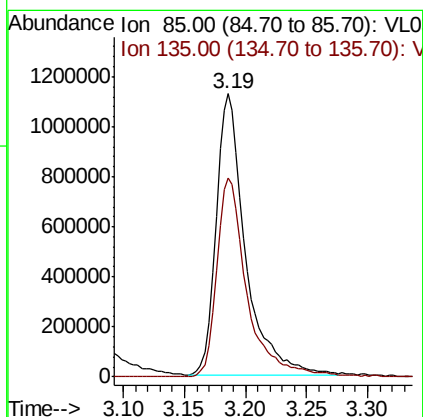
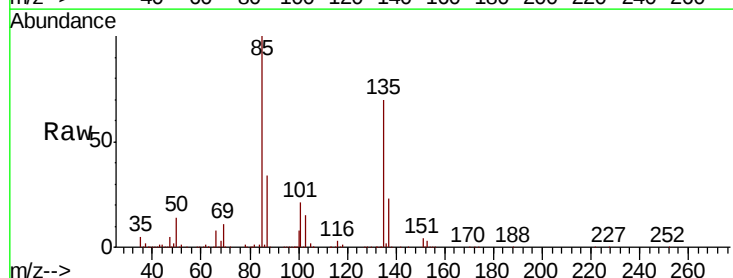
Acq: 11 Aug 2021 6:59

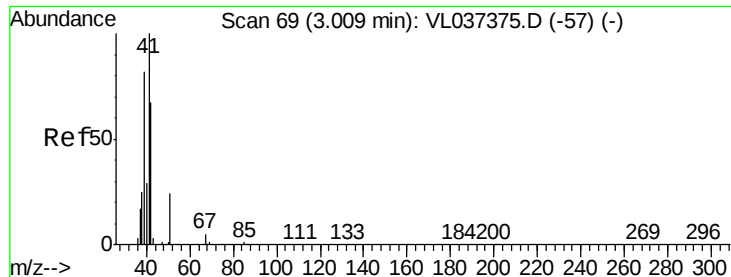
Tgt Ion: 85 Resp: 1891980

Ion Ratio Lower Upper

85 100

135 74.0 59.8 89.6





#9

Propene

Concen: 9.119 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion: 41 Resp: 758676

Ion Ratio Lower Upper

41 100

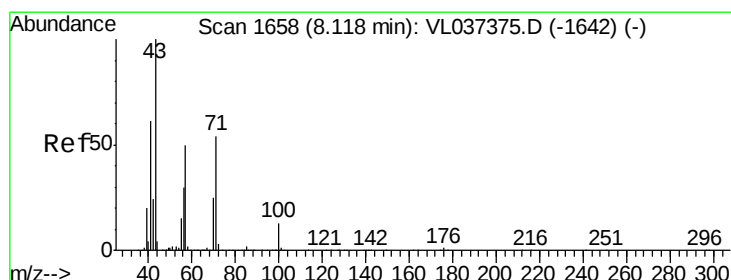
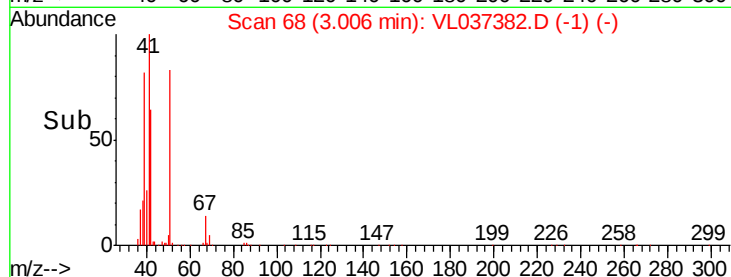
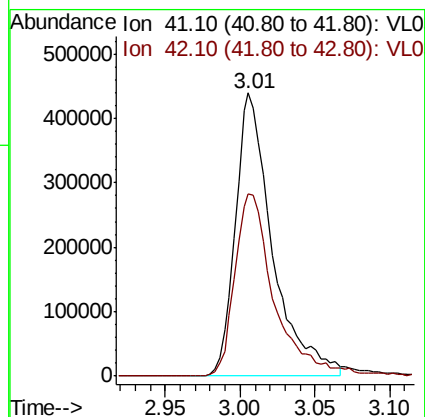
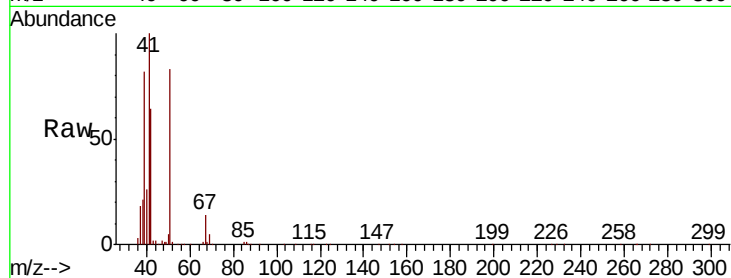
42 69.5 55.5 83.3

Manual Integrations

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#10

Heptane

Concen: 9.607 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VL037382.D

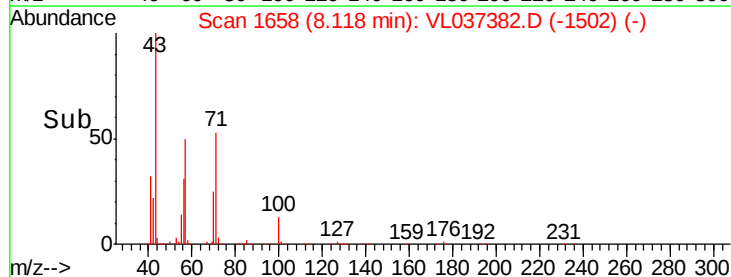
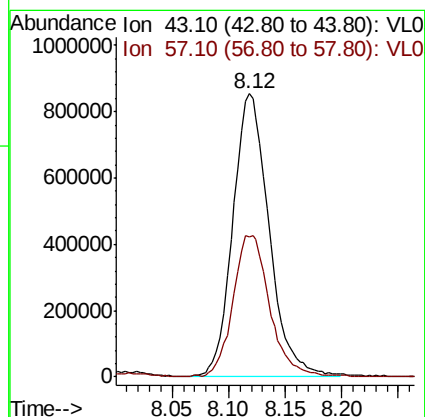
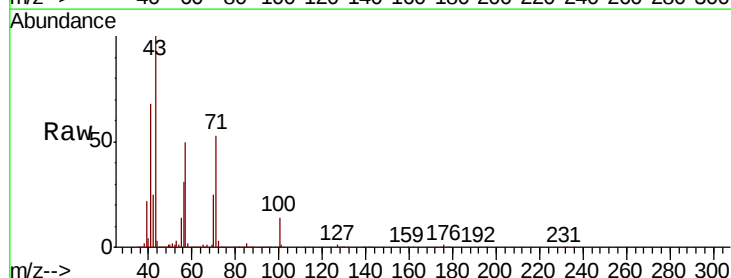
Acq: 11 Aug 2021 6:59

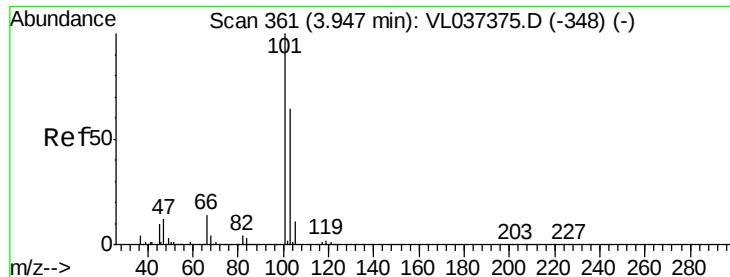
Tgt Ion: 43 Resp: 1890498

Ion Ratio Lower Upper

43 100

57 51.2 40.2 60.2





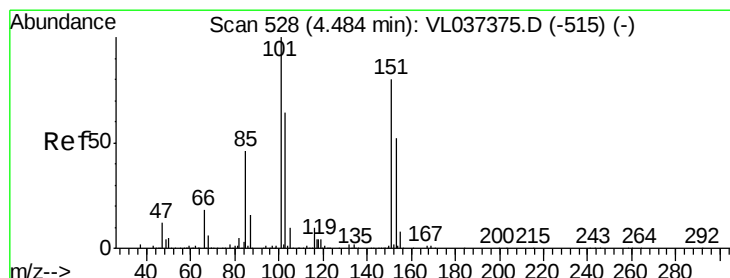
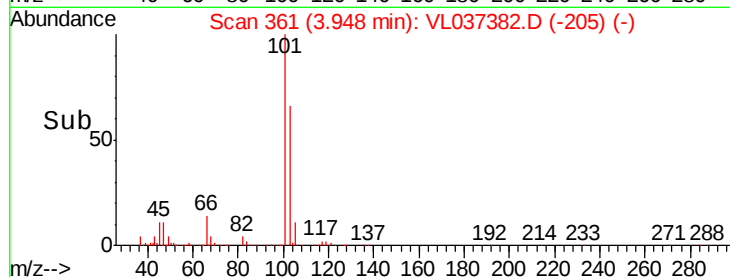
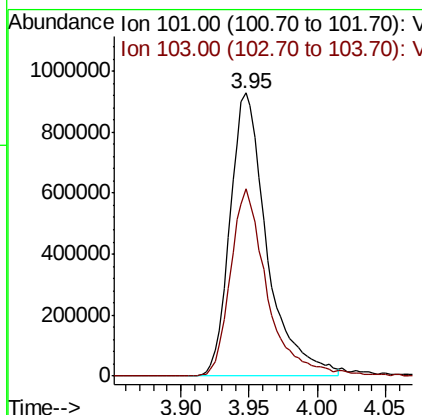
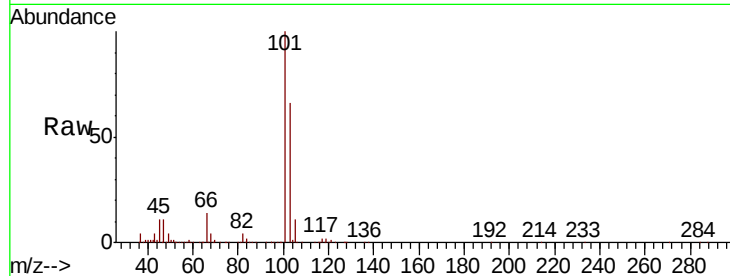
#11
 Trichlorofluoromethane
 Concen: 8.778 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion:101 Resp: 1753183
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.2 76.8

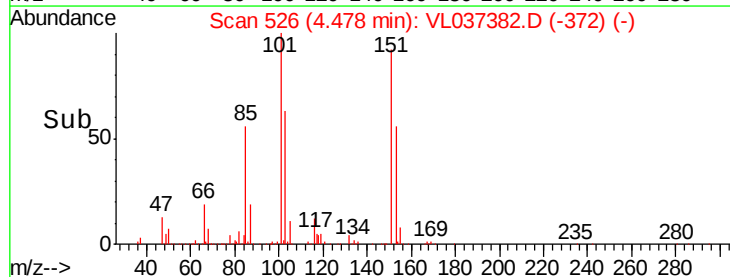
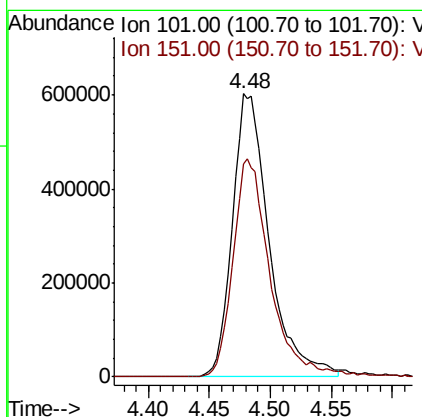
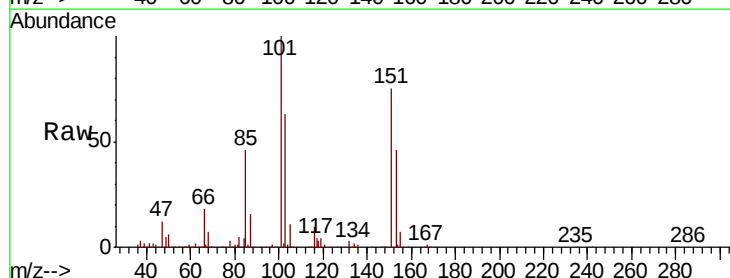
Manual Integrations
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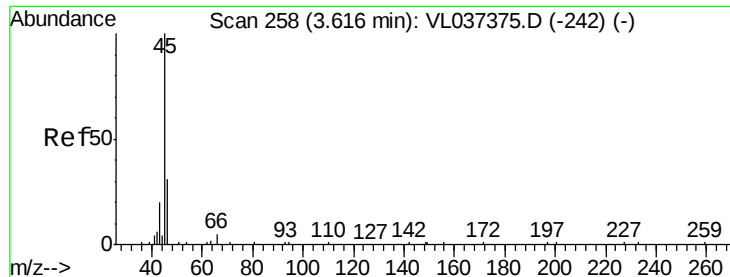
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.865 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion:101 Resp: 1260119
 Ion Ratio Lower Upper
 101 100
 151 78.1 64.9 97.3





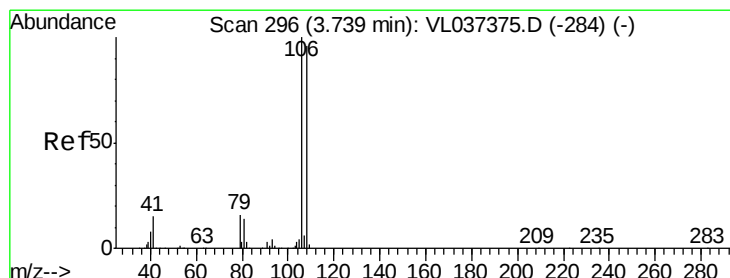
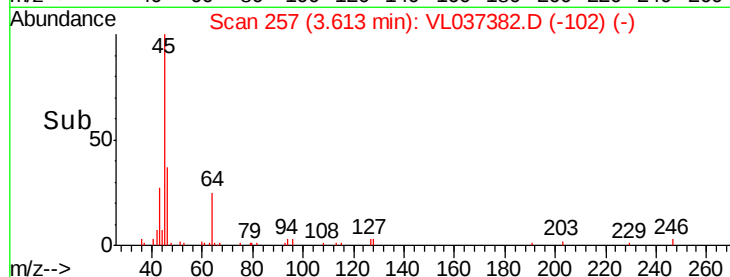
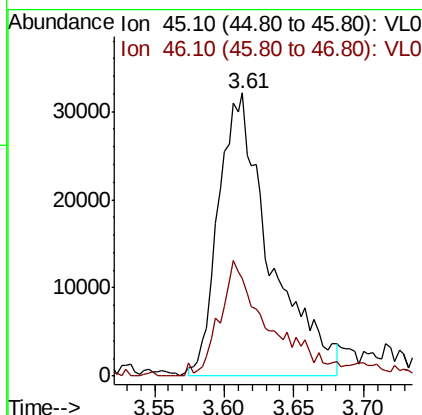
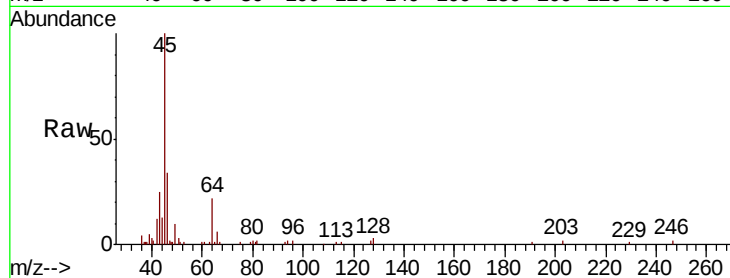
#13
Ethanol
Concen: 8.243 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. -0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.8	63.4#

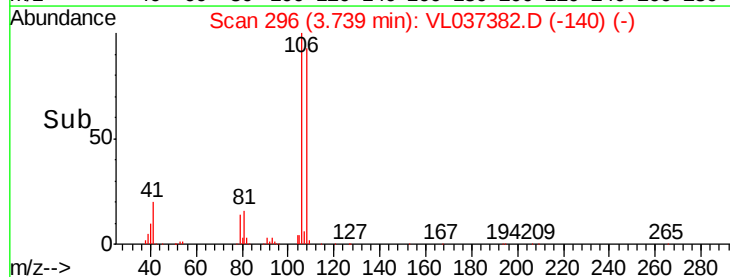
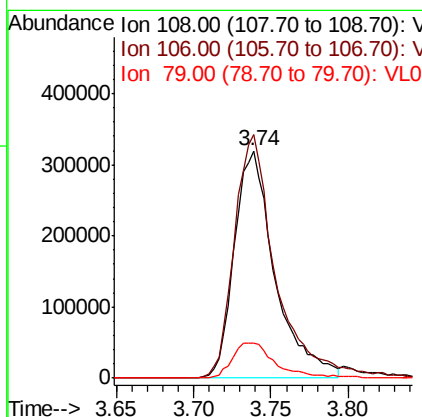
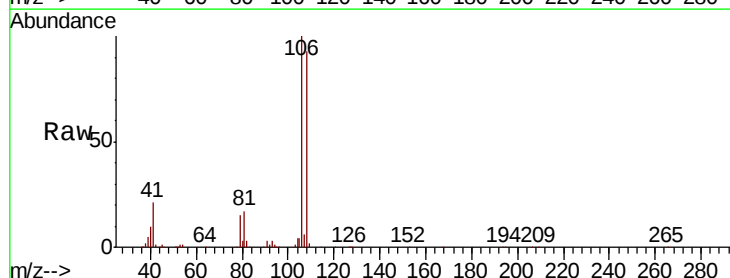
Manual Integrations
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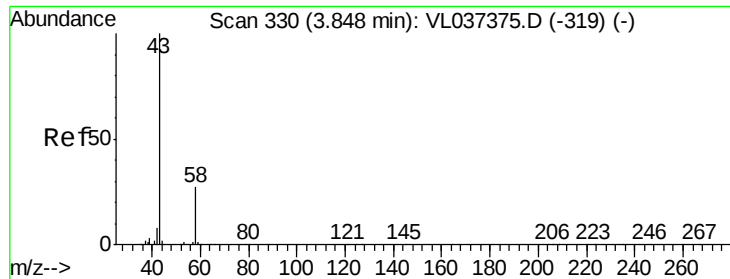
apatel
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#14
Bromoethene
Concen: 8.960 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
108	100		
106	111.4	86.2	129.4
79	17.2	13.2	19.8





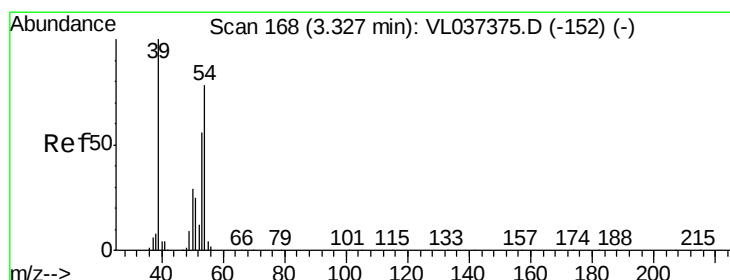
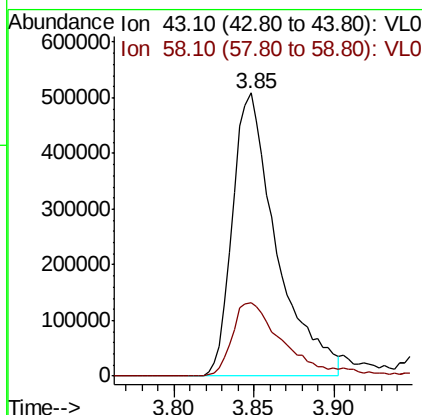
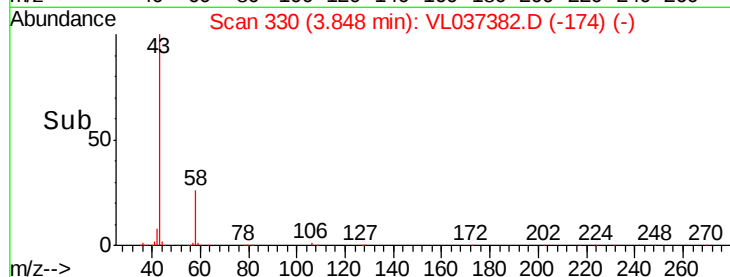
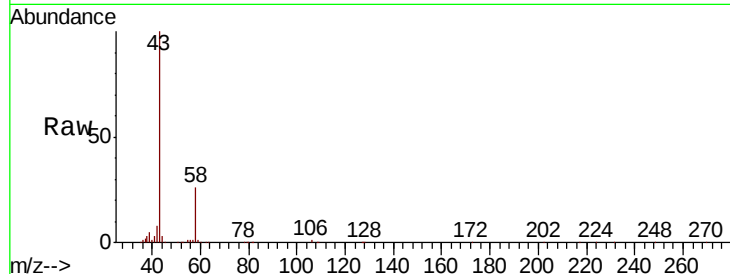
#15
Acetone
Concen: 7.621 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.6	37.0

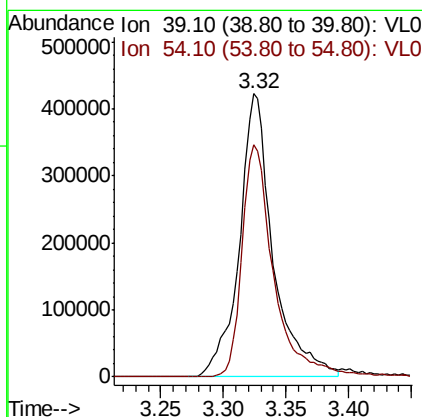
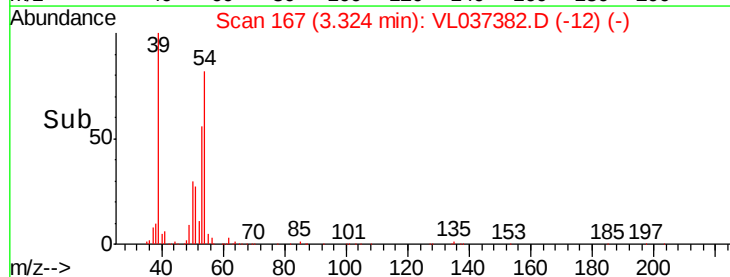
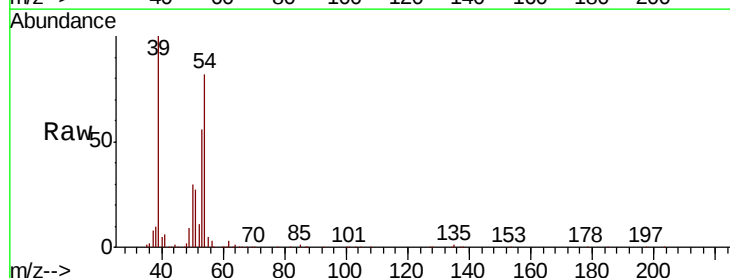
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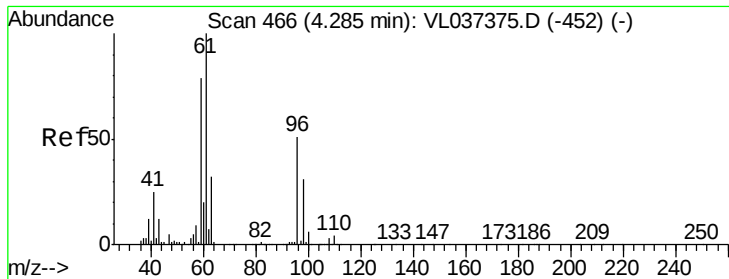
apatel
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#16
1,3-Butadiene
Concen: 9.010 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
39	100		
54	78.1	60.9	91.3





#17

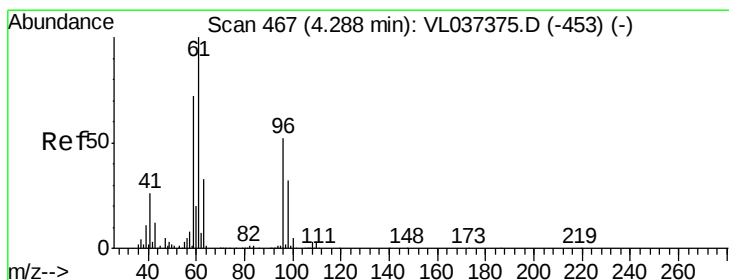
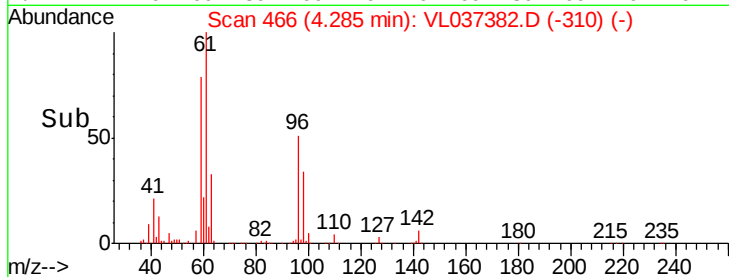
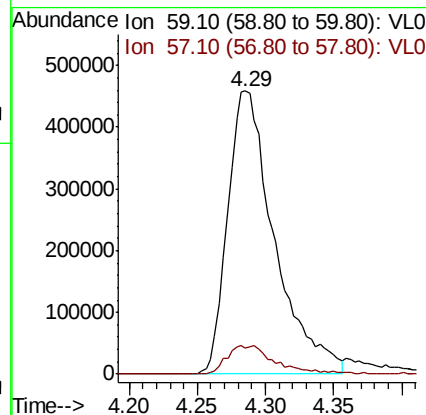
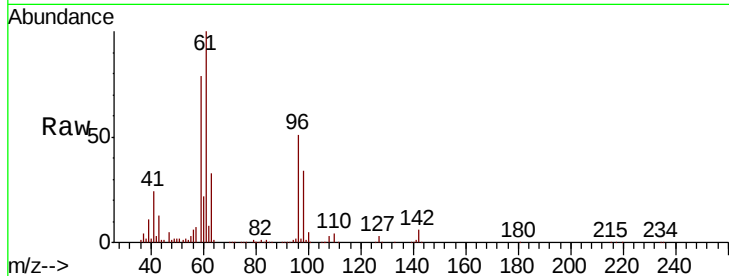
tert-Butyl alcohol
Concen: 9.749 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion: 59 Resp: 1092136
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

Manual Integrations
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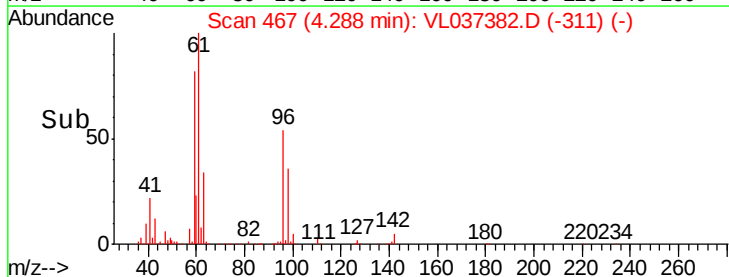
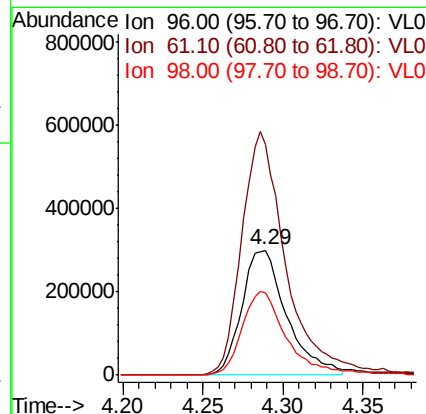
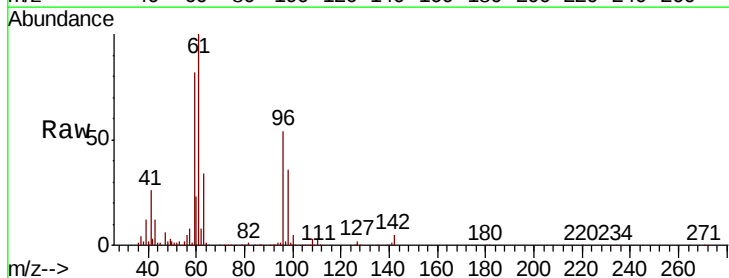
apatel
8/12/2021 10:16:49 AM

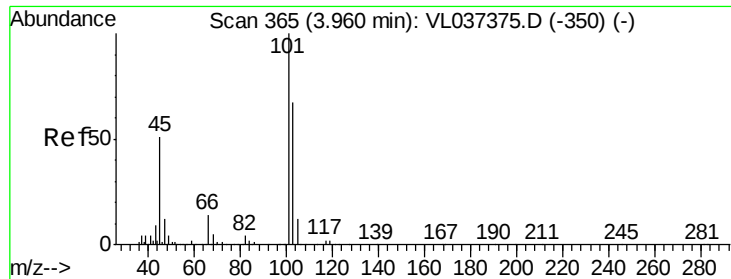


#18

1,1-Dichloroethene
Concen: 8.912 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion: 96 Resp: 573989
Ion Ratio Lower Upper
96 100
61 184.2 153.2 229.8
98 66.2 49.5 74.3





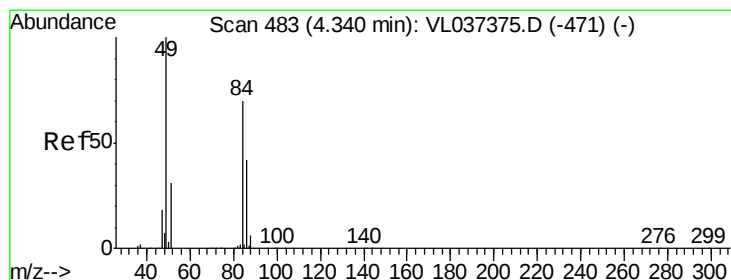
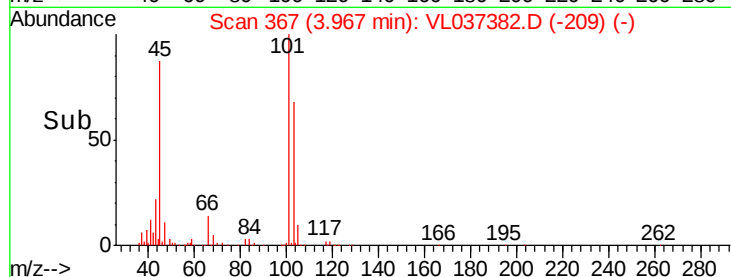
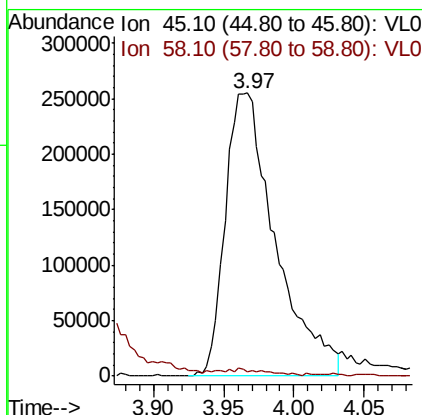
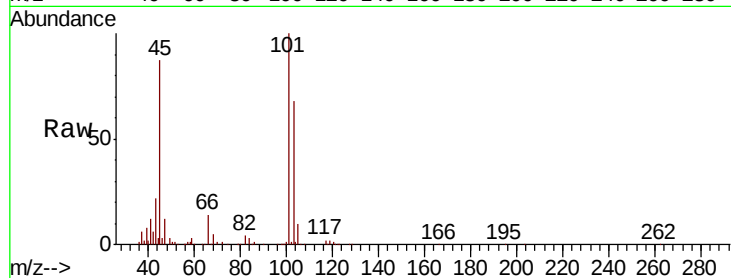
#19
Isopropyl Alcohol
Concen: 8.818 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampled :
ICVVL081121

Tot Ion: 45 Resp: 635714
Ion Ratio Lower Upper
45 100
58 3.8 38.7 58.1#

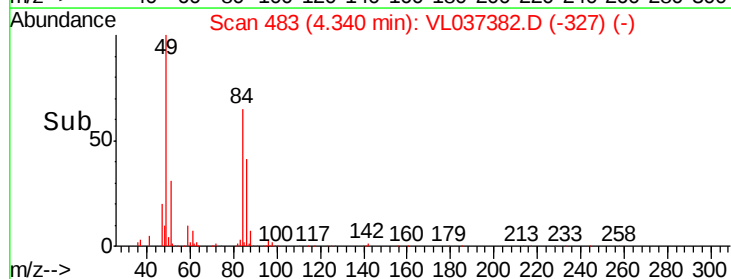
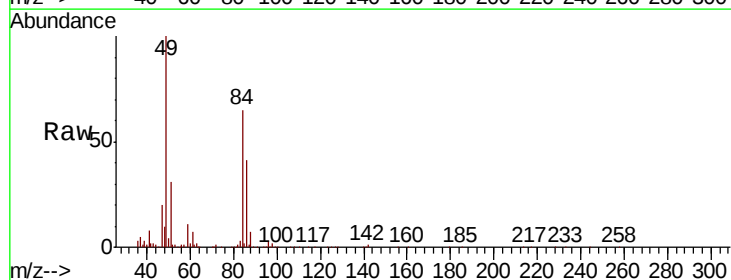
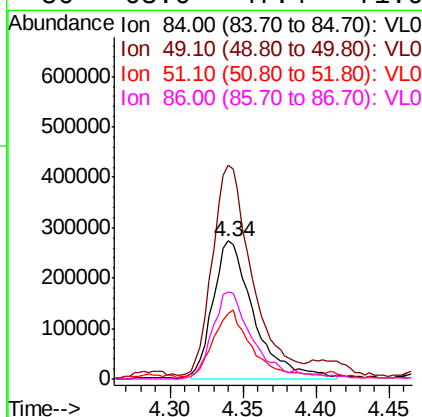
Manual Integrations
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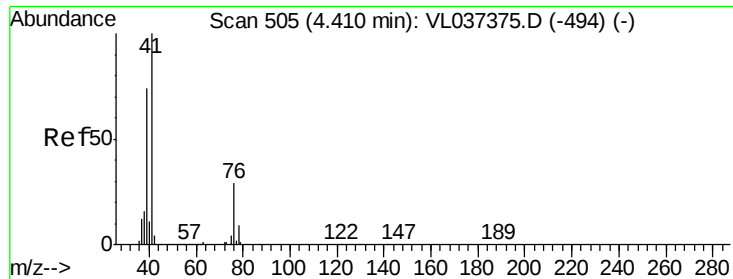
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#20
Methylene Chloride
Concen: 7.830 ppbv m
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion: 84 Resp: 532447
Ion Ratio Lower Upper
84 100
49 154.9 113.8 170.6
51 47.7 34.7 52.1
86 63.6 47.4 71.0





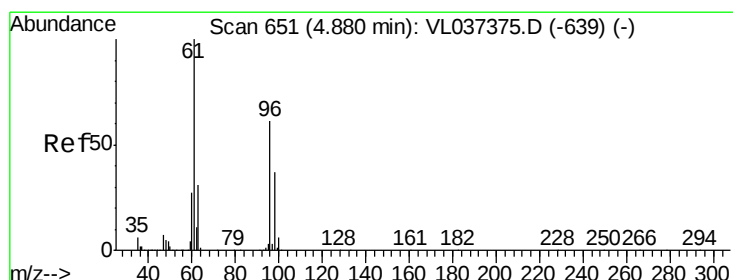
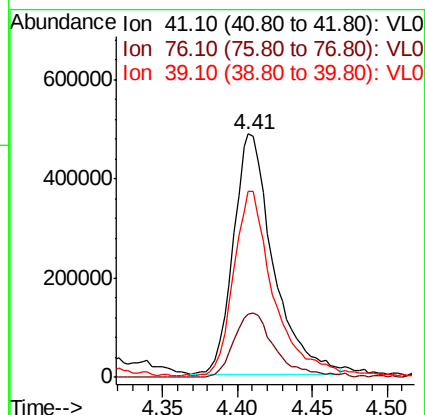
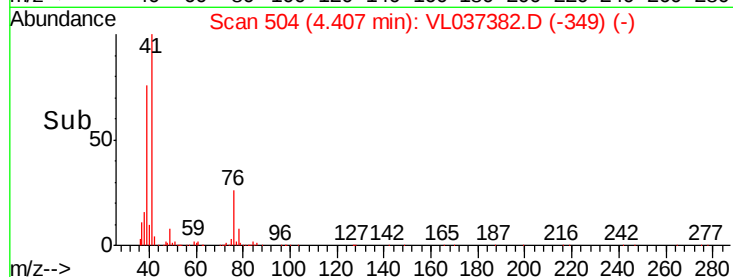
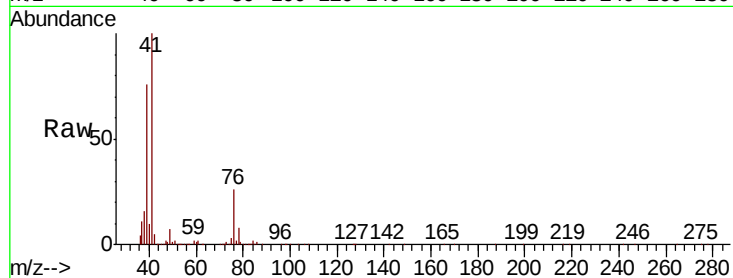
#21
Allvl Chloride
Concen: 9.090 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Resp	Lower	Upper
41	100	892843		
76	28.6		23.0	34.4
39	78.0		61.4	92.0

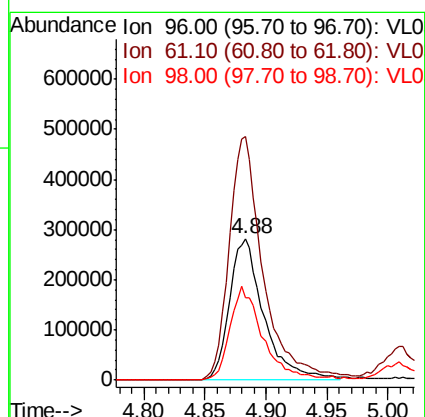
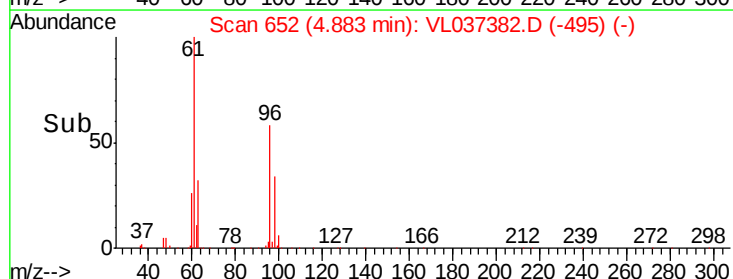
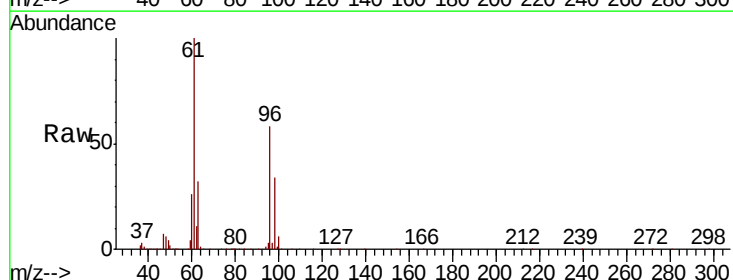
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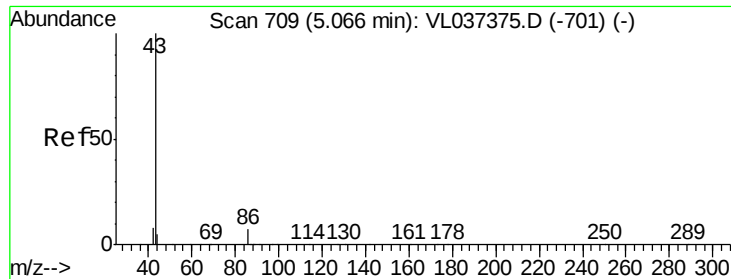
apatel
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#22
trans-1,2-Dichloroethene
Concen: 9.143 ppbv
RT: 4.88 min Scan# 652
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	556495		
61	172.1		132.2	198.4
98	58.2		48.7	73.1





#23

Vinyl Acetate

Concen: 9.167 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion: 43 Resp: 1844841

Ion Ratio Lower Upper

43 100

86 6.4 4.8 7.2

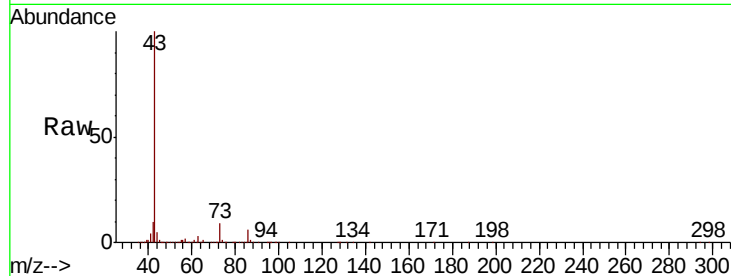
42 9.4 7.3 10.9

44 4.5 3.7 5.5

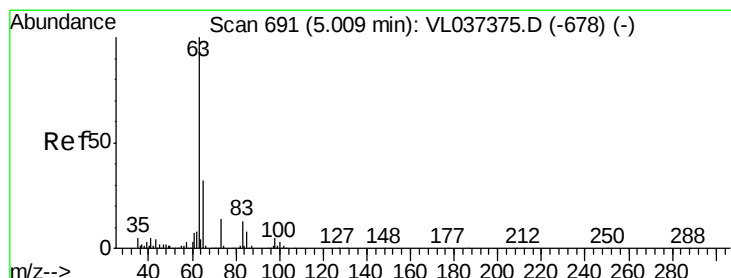
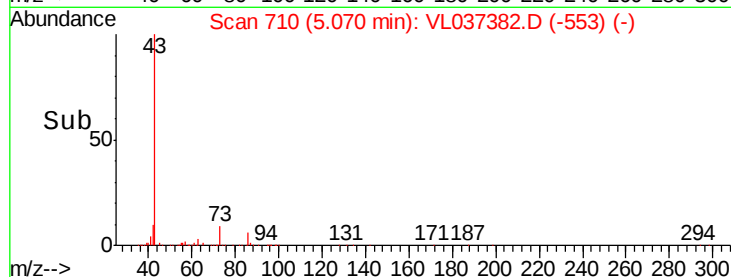
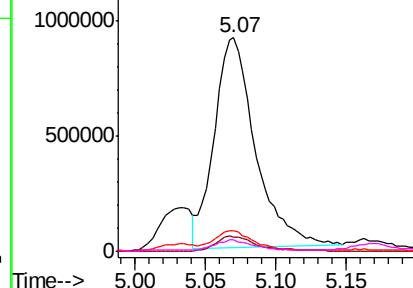
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Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.144 ppbv

RT: 5.01 min Scan# 691

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

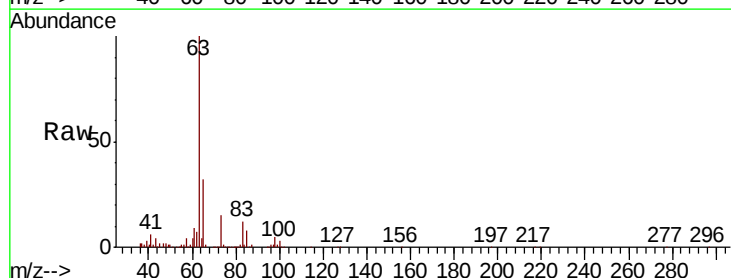
Tgt Ion: 63 Resp: 1447463

Ion Ratio Lower Upper

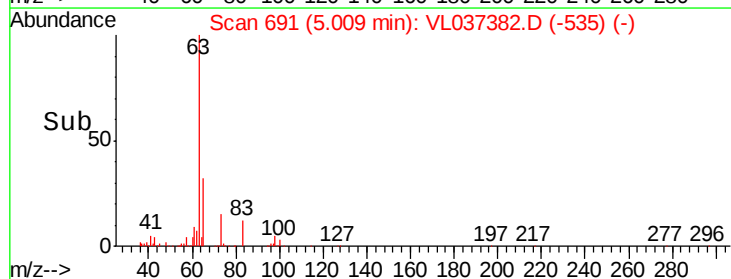
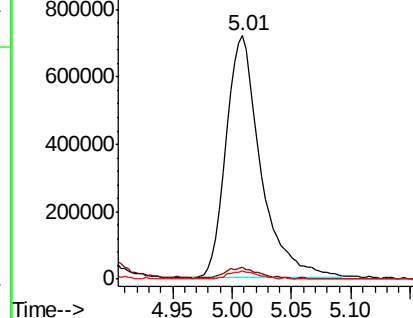
63 100

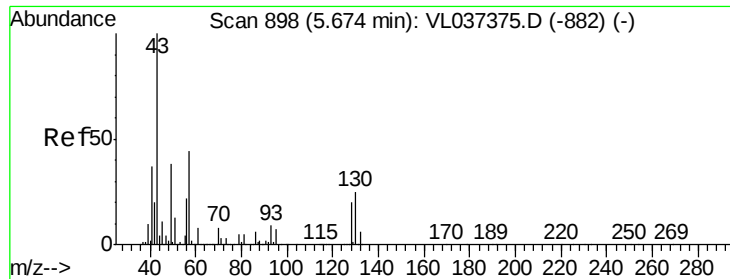
98 5.0 2.5 7.5

100 3.1 1.4 4.2



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





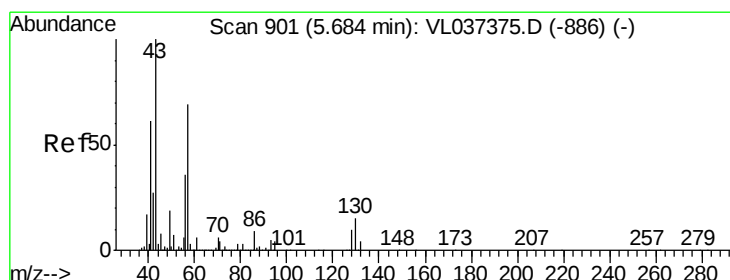
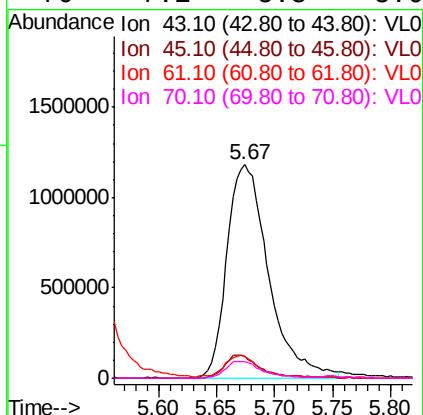
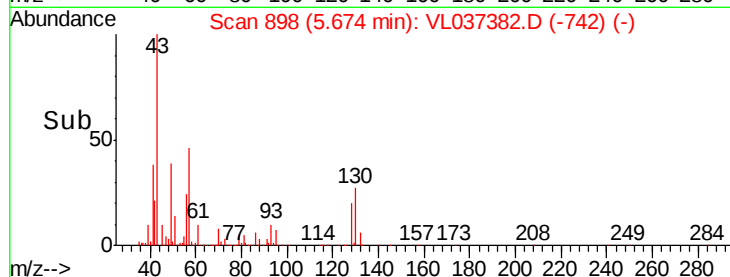
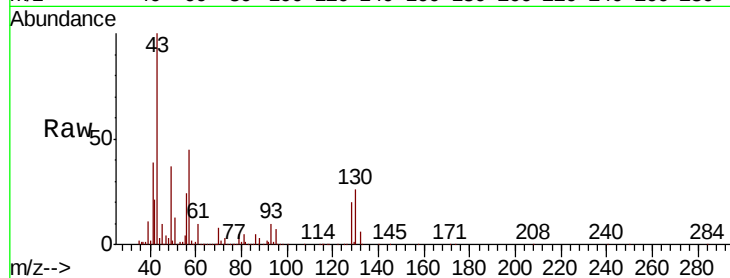
#25
Ethyl Acetate
Concen: 9.179 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Lower	Upper
43	100		
45	9.5	8.0	12.0
61	9.9	7.7	11.5
70	7.1	5.8	8.6

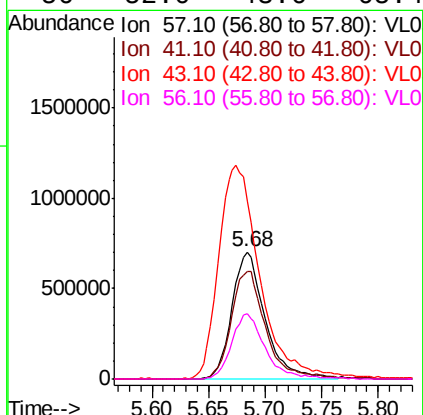
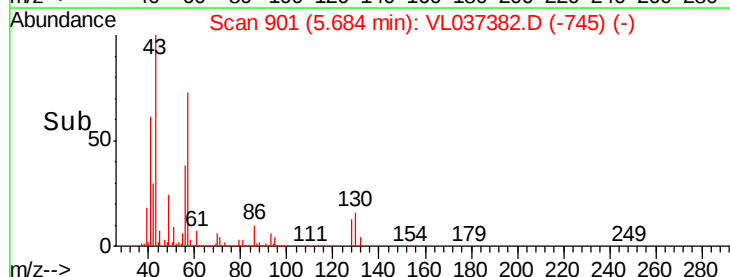
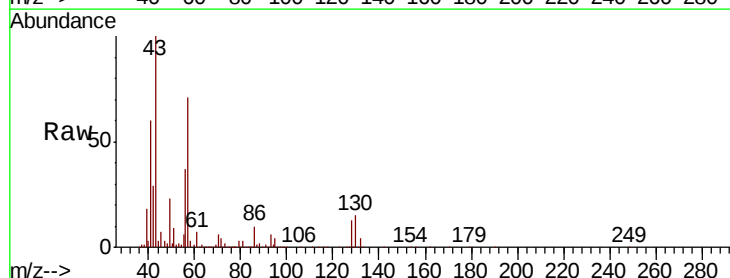
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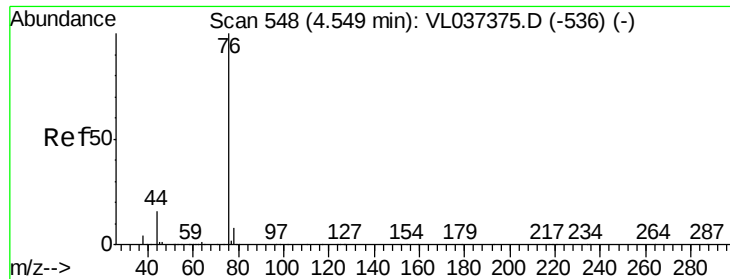
apatel
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#26
Hexane
Concen: 8.837 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
57	100		
41	89.1	73.4	110.0
43	209.9	174.4	261.6
56	52.0	43.6	65.4





#27

Carbon Disulfide

Concen: 10.163 ppbv

RT: 4.55 min Scan# 547

Delta R.T. -0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion: 76 Resp: 1382789

Ion Ratio Lower Upper

76 100

44 18.5 13.7 20.5

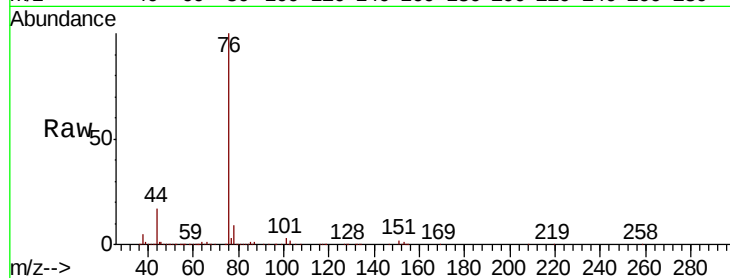
78 9.8 7.7 11.5

Manual Integrations

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apatel

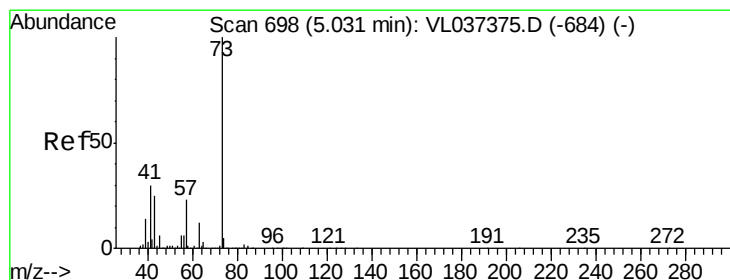
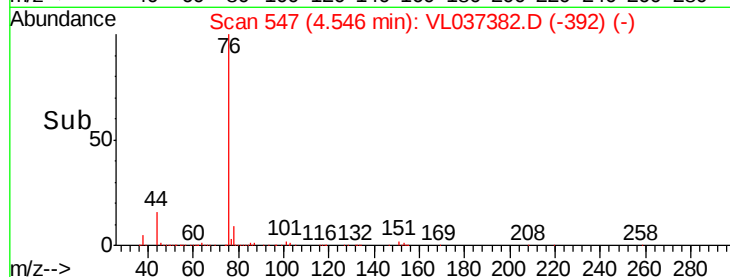
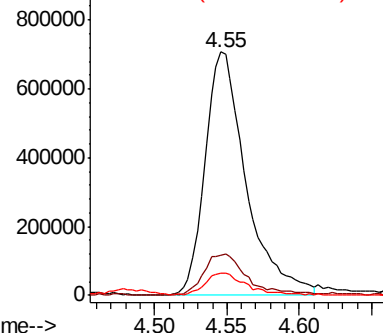
8/12/2021 10:16:49 AM



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.383 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.00 min

Lab File: VL037382.D

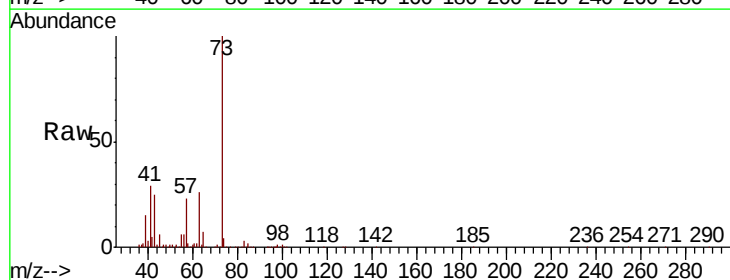
Acq: 11 Aug 2021 6:59

Tgt Ion: 73 Resp: 1626951

Ion Ratio Lower Upper

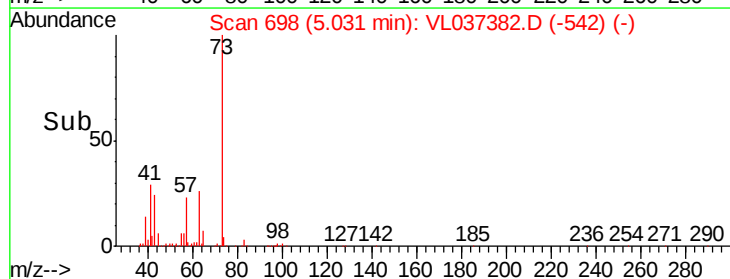
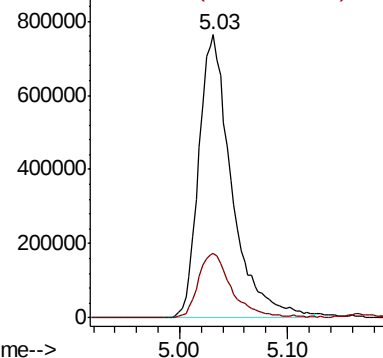
73 100

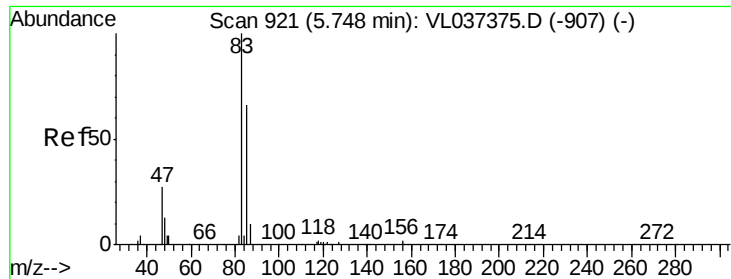
57 23.6 18.8 28.2



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





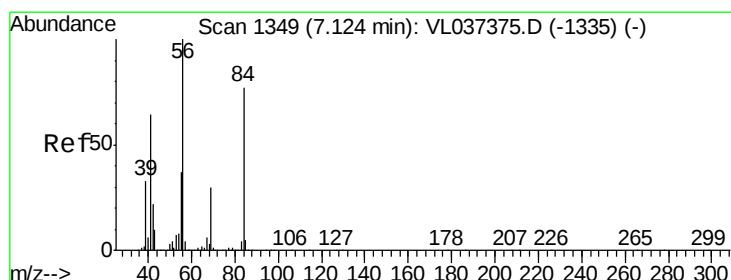
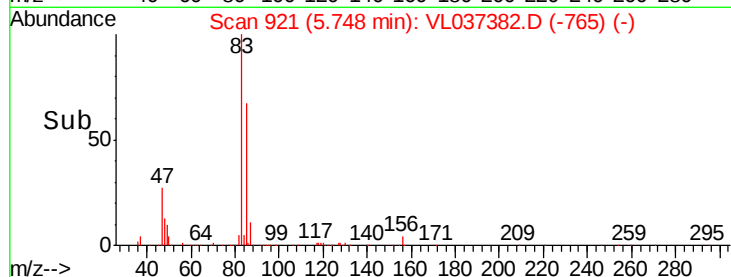
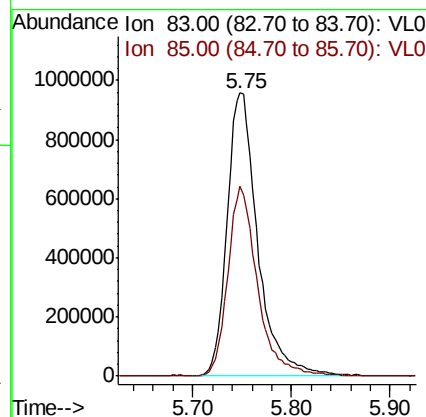
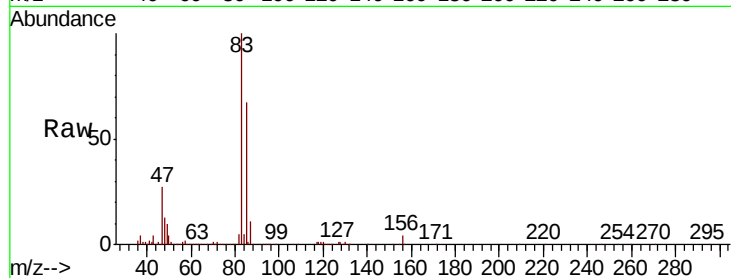
#29
Chloroform
Concen: 8.917 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion: 83 Resp: 2075984
Ion Ratio Lower Upper
83 100
85 66.8 52.8 79.2

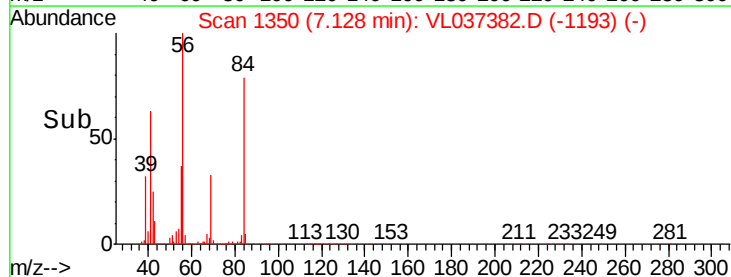
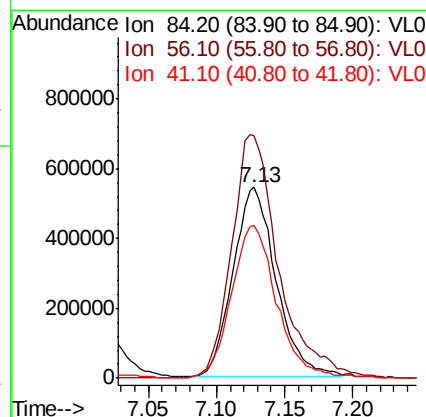
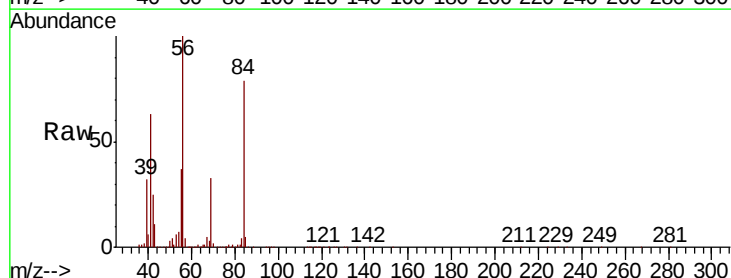
Manual Integrations
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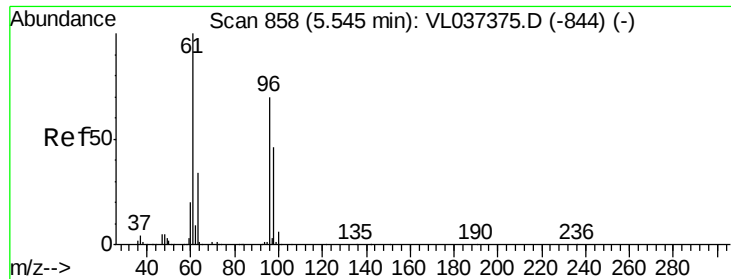
apatel
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#30
Cyclohexane
Concen: 8.897 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion: 84 Resp: 1195686
Ion Ratio Lower Upper
84 100
56 140.4 109.4 164.0
41 84.1 66.2 99.2





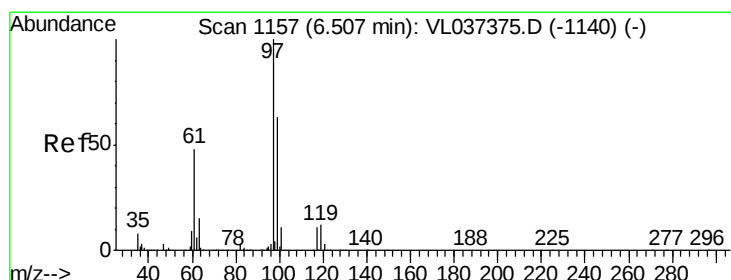
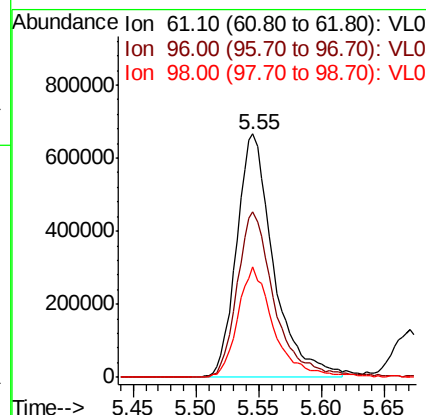
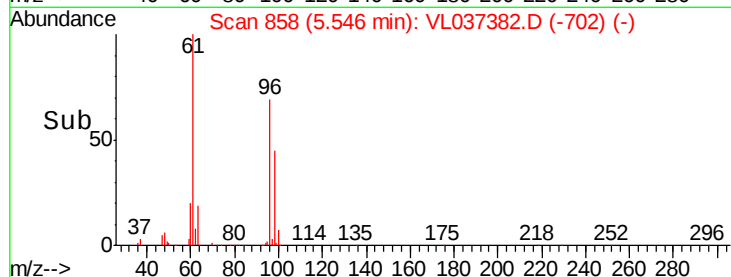
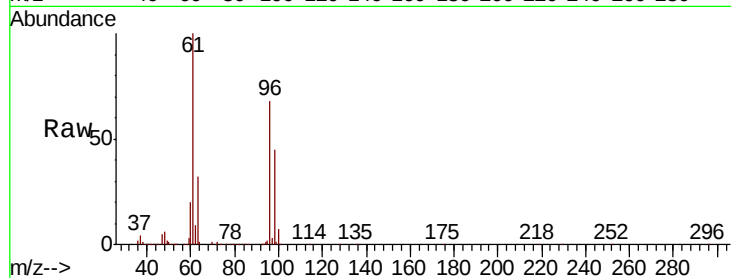
#31
 cis-1,2-Dichloroethene
 Concen: 9.356 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
61	100		
96	68.1	56.0	84.0
98	45.1	36.8	55.2

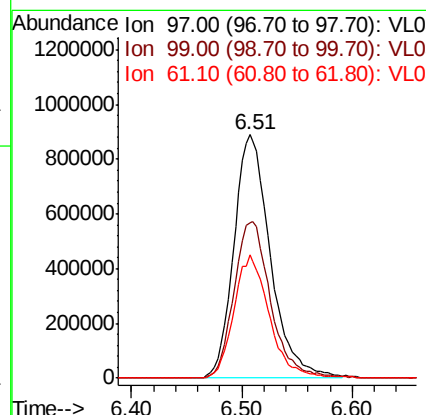
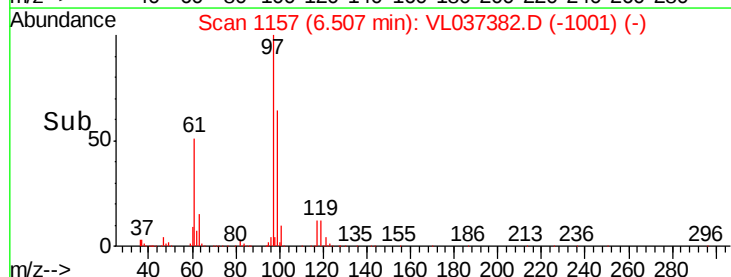
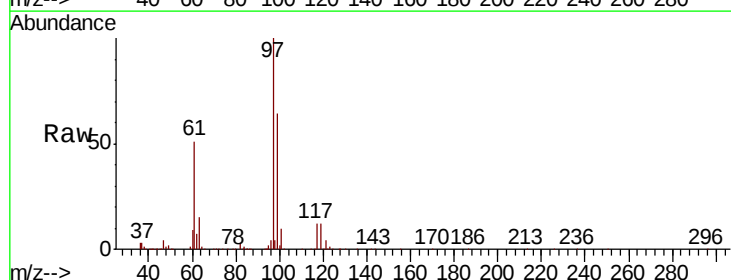
Manual Integrations
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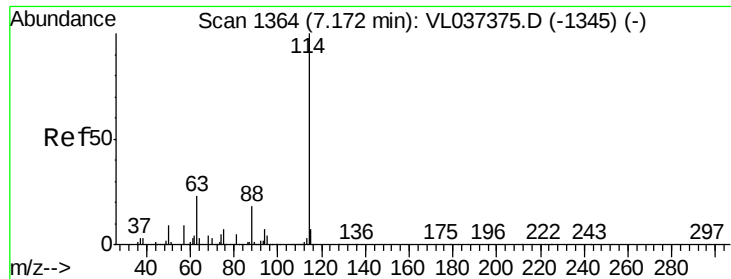
apatel
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#32
 1,1,1-Trichloroethane
 Concen: 9.022 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.7	79.1
61	49.3	39.9	59.9





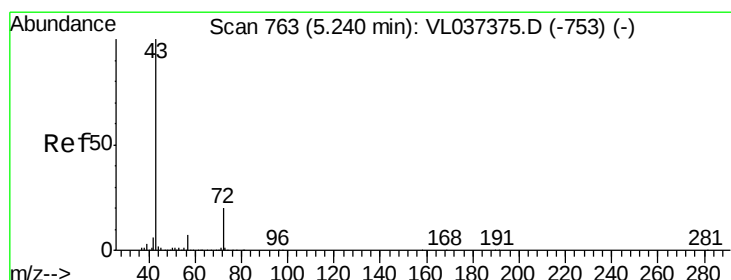
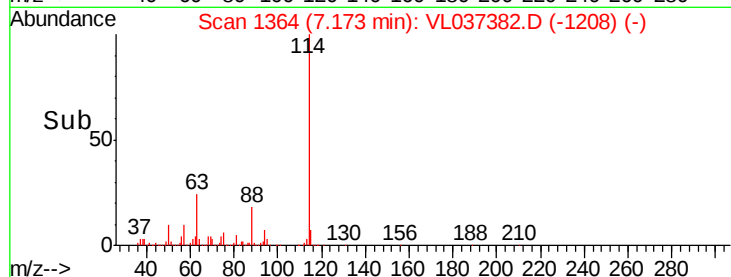
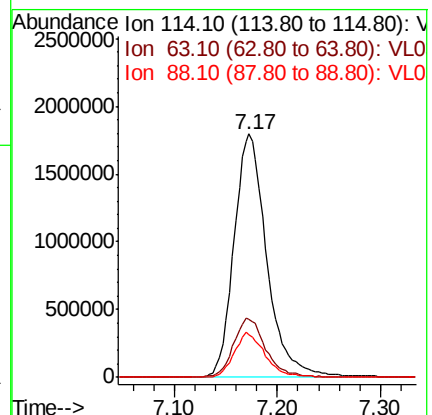
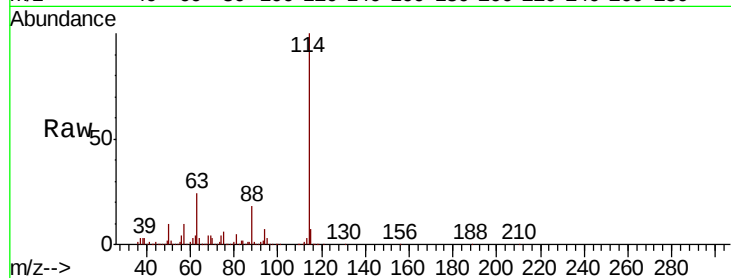
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.5	29.3
88	17.7	14.3	21.5

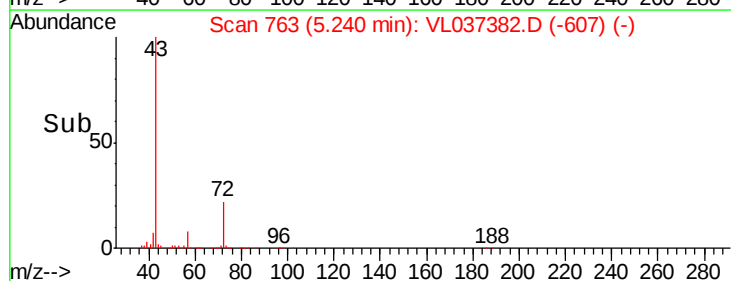
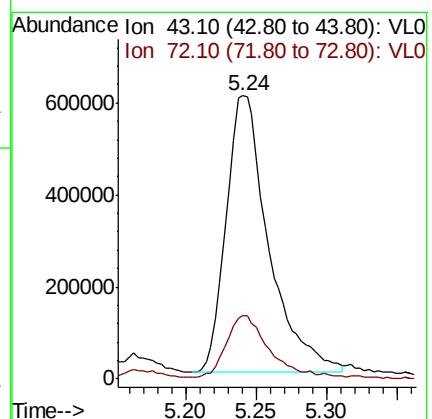
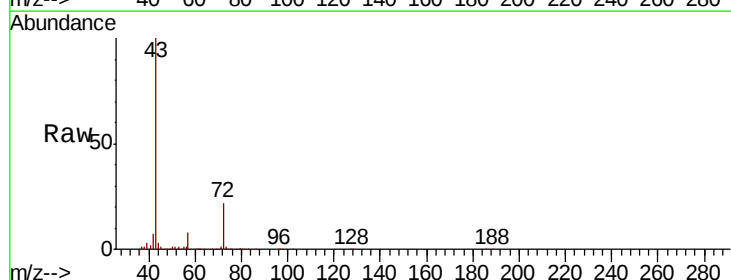
Manual Integrations
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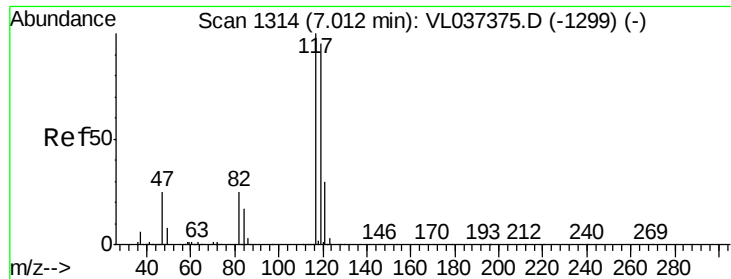
apatel
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#34
 2-Butanone
 Concen: 8.450 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.7	19.6	29.4





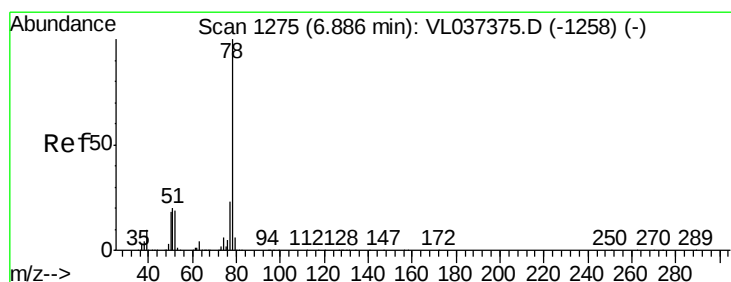
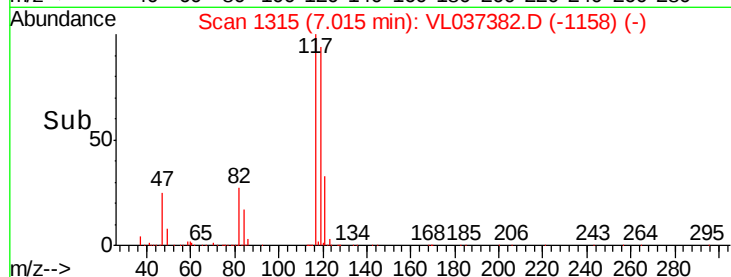
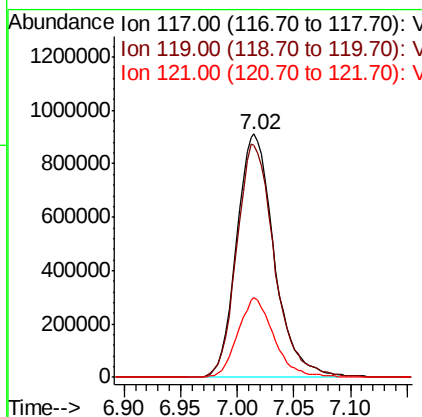
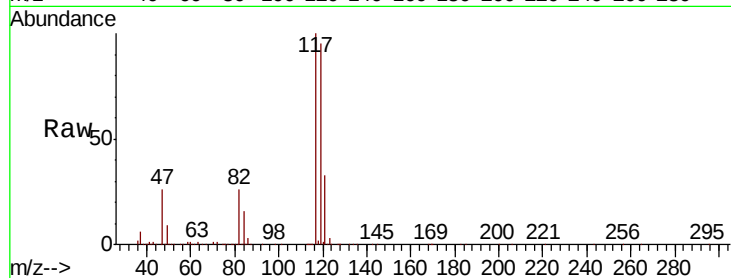
#35
Carbon Tetrachloride
Concen: 9.483 ppbv
RT: 7.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
121	32.8	24.4	36.6

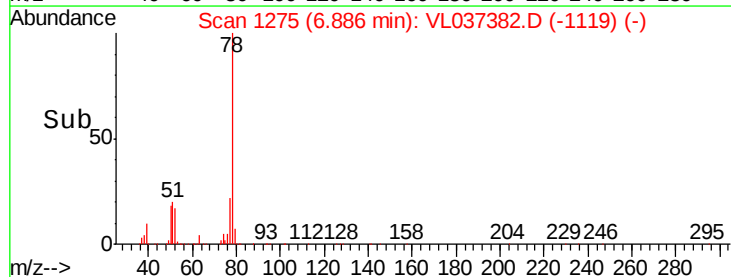
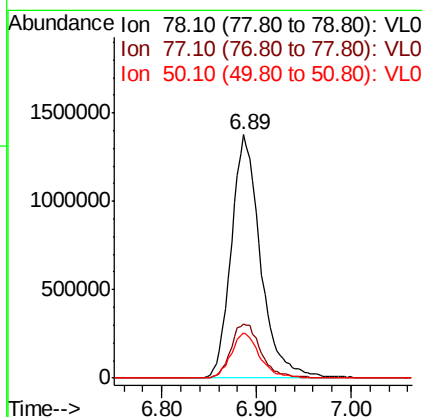
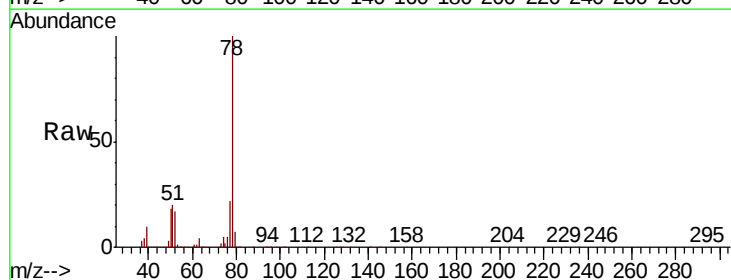
Manual Integrations
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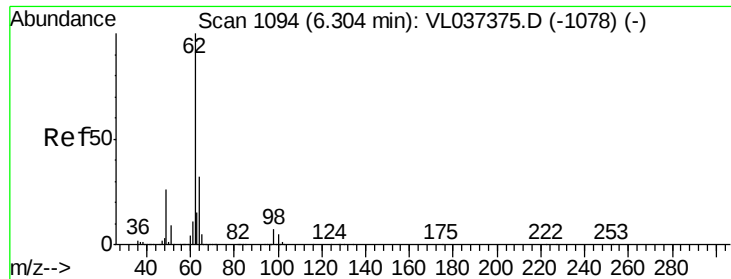
apatel
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#36
Benzene
Concen: 9.382 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.6	28.0
50	18.3	14.3	21.5





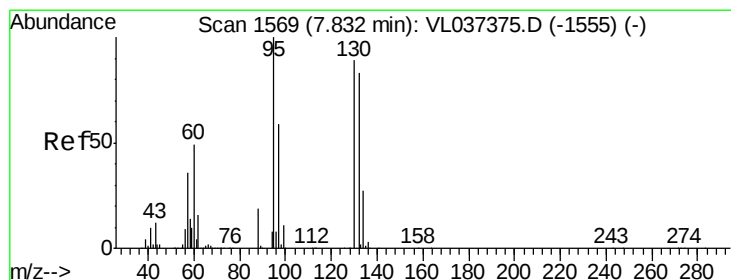
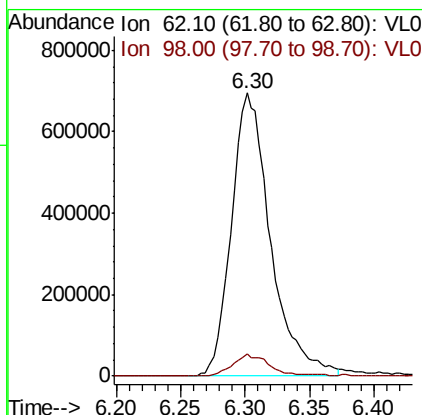
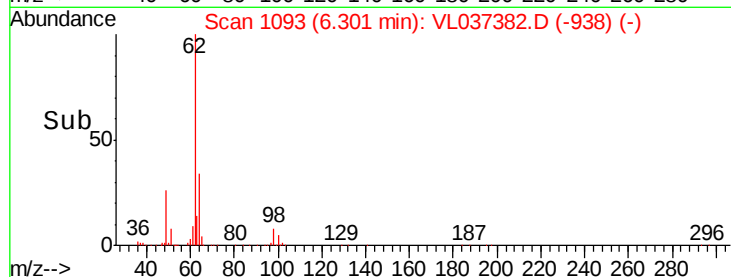
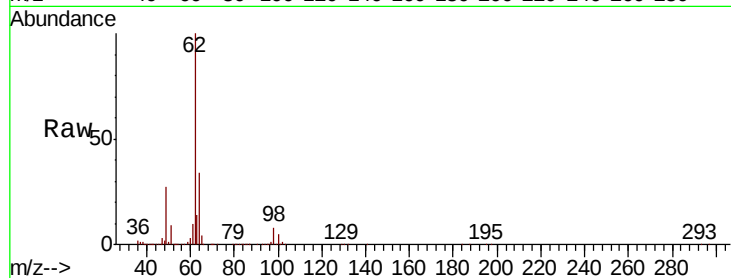
#37
 1,2-Dichloroethane
 Concen: 9.082 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.9	5.8	8.8

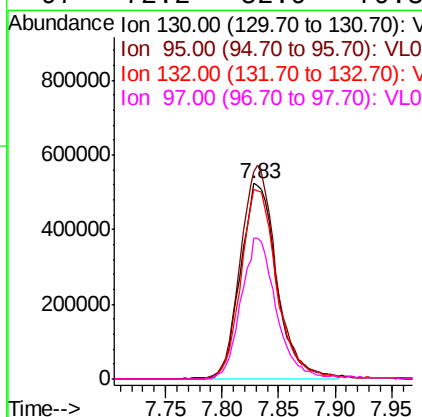
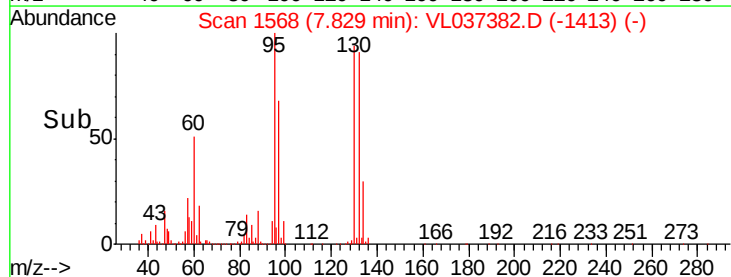
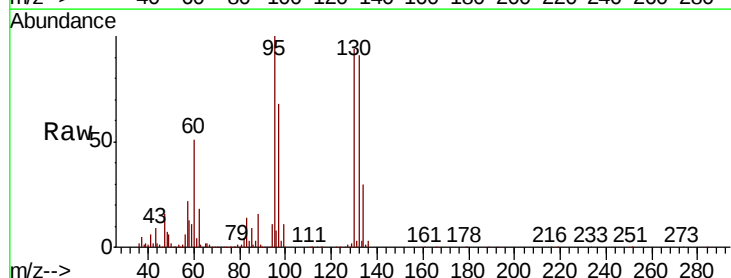
Manual Integrations
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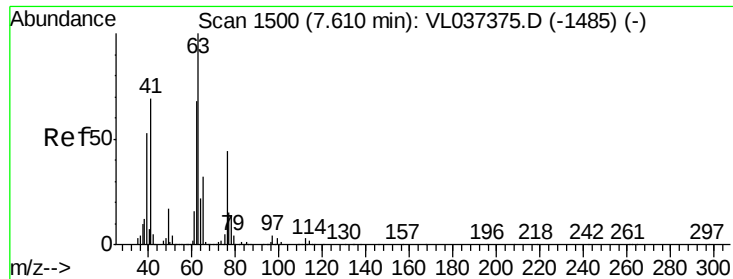
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#38
 Trichloroethene
 Concen: 8.649 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.3	89.5	134.3
132	96.9	74.2	111.4
97	72.2	52.9	79.3





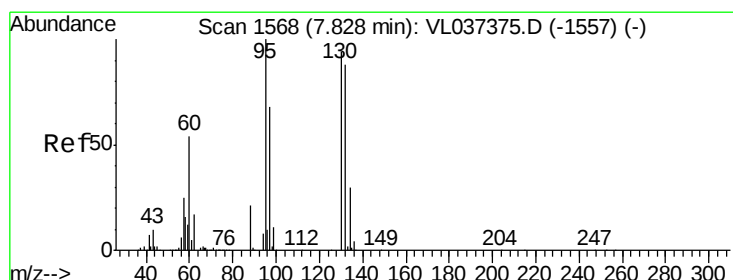
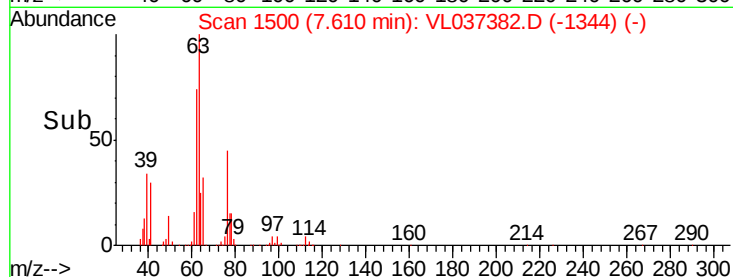
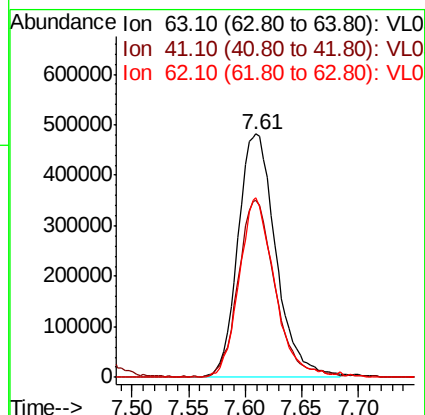
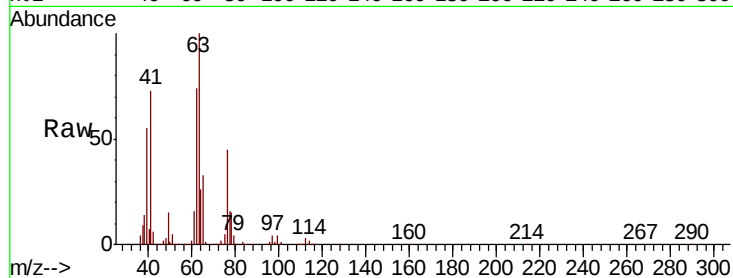
#39
 1,2-Dichloropropane
 Concen: 9.745 ppbv
 RT: 7.61 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
63	100		
41	72.5	54.8	82.2
62	73.9	54.5	81.7

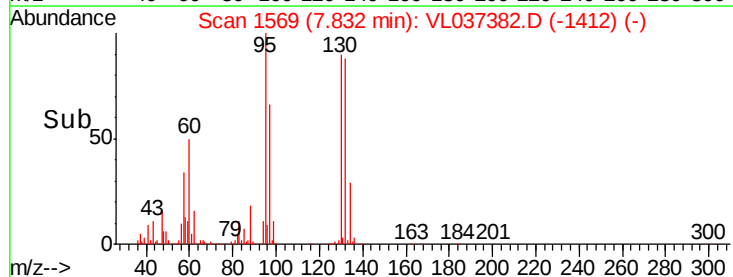
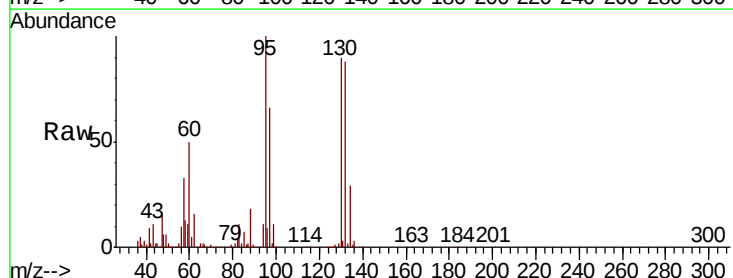
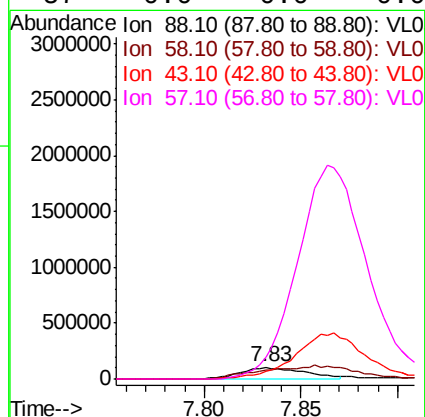
Manual Integrations
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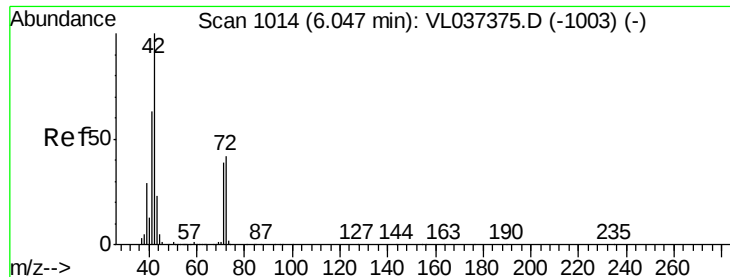
apatel
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#40
 1,4-Dioxane
 Concen: 7.343 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

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





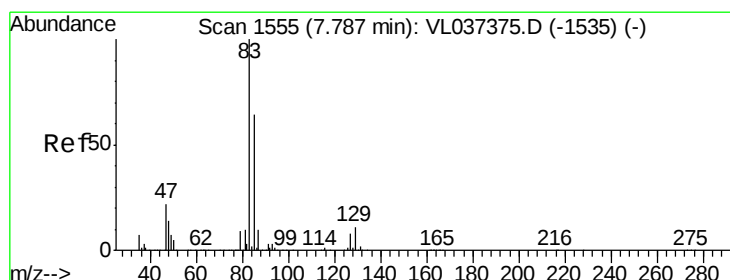
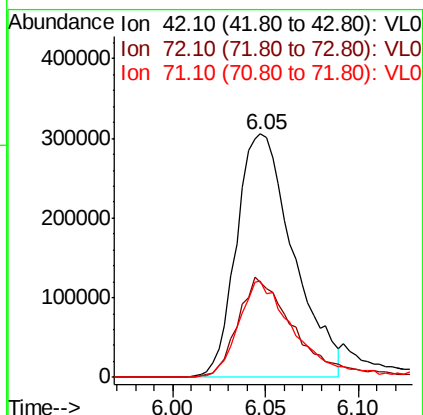
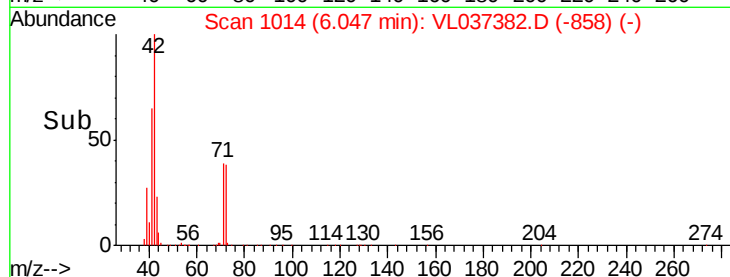
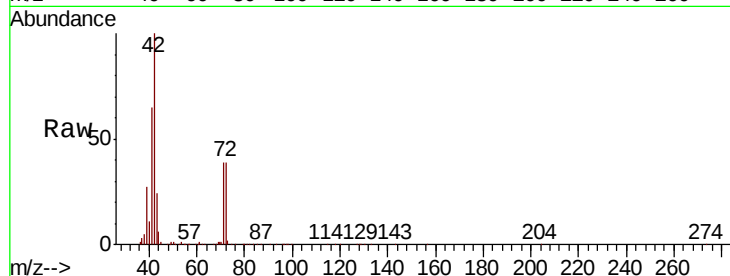
#41
Tetrahydrofuran
Concen: 9.170 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.4	51.6
71	41.1	32.3	48.5

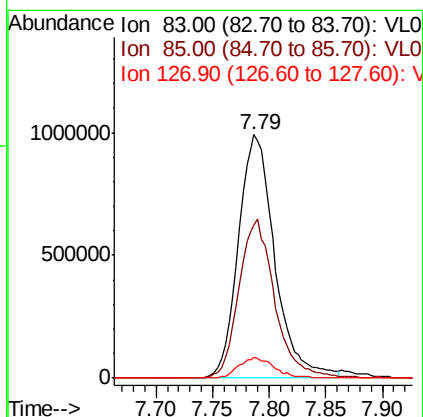
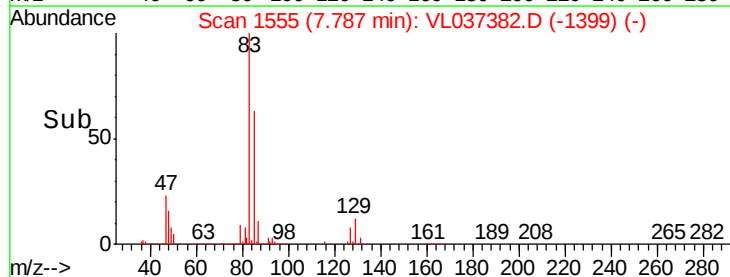
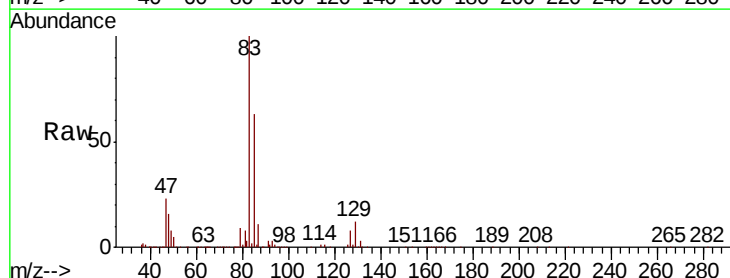
Manual Integrations
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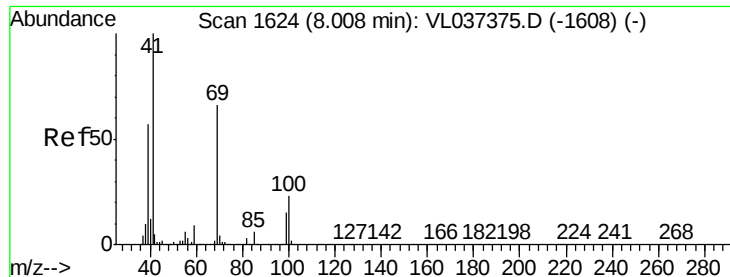
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#42
Bromodichloromethane
Concen: 9.776 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.2	76.8
127	8.4	6.7	10.1





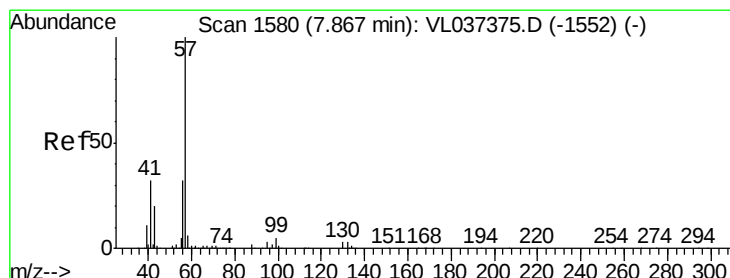
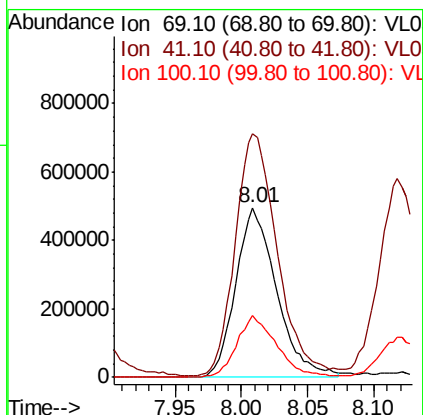
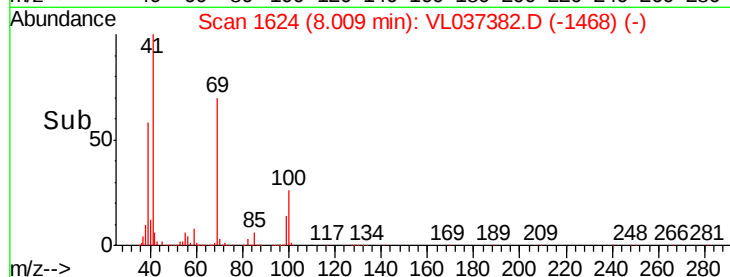
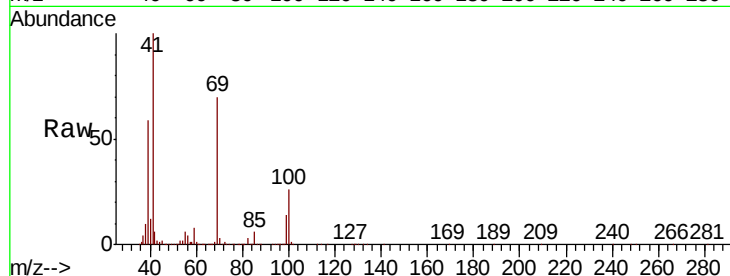
#43
Methyl Methacrylate
Concen: 9.647 ppbv
RT: 8.01 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion: 69 Resp: 1057089
Ion Ratio Lower Upper
69 100
41 149.6 119.8 179.6
100 35.5 27.7 41.5

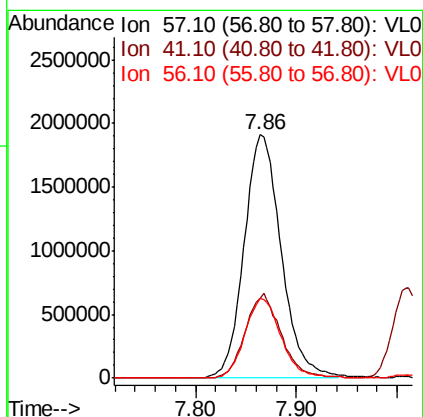
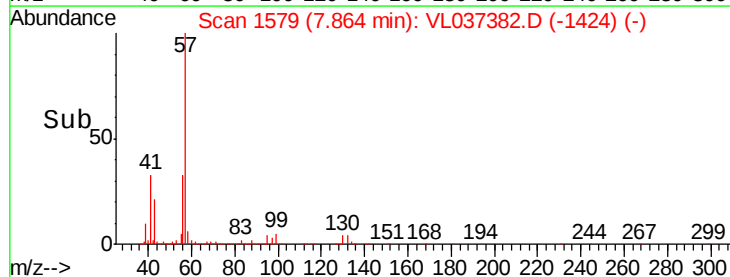
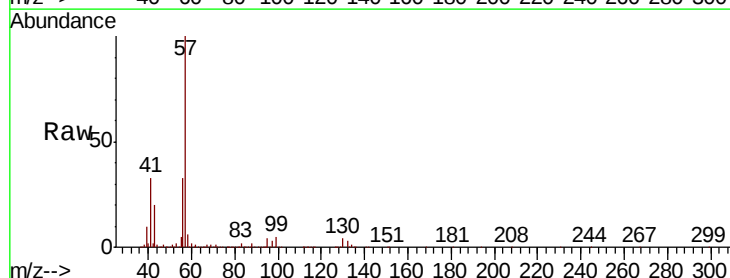
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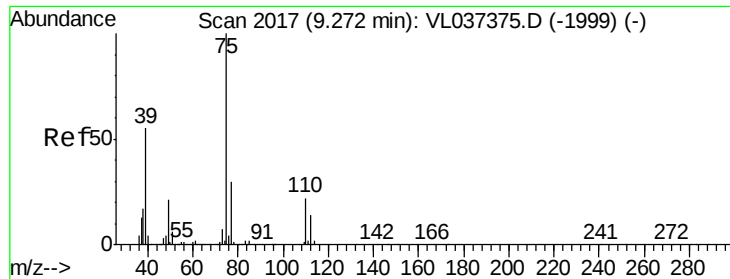
apatel
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#44
2,2,4-Trimethylpentane
Concen: 9.260 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion: 57 Resp: 4862925
Ion Ratio Lower Upper
57 100
41 33.5 26.1 39.1
56 31.9 25.1 37.7





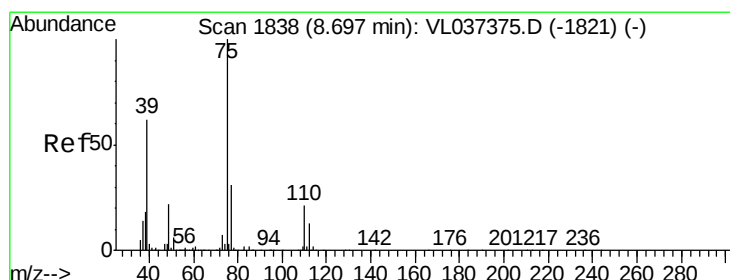
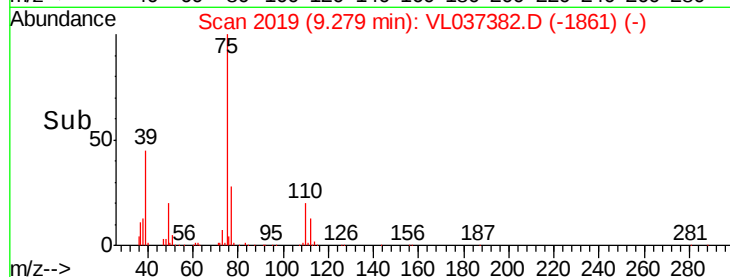
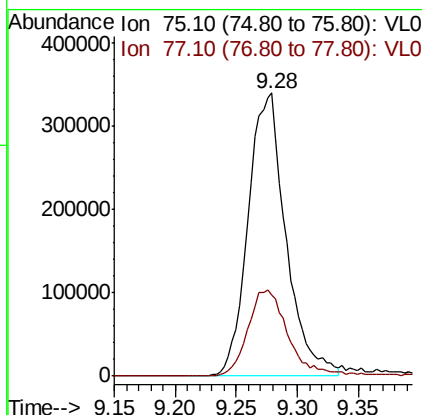
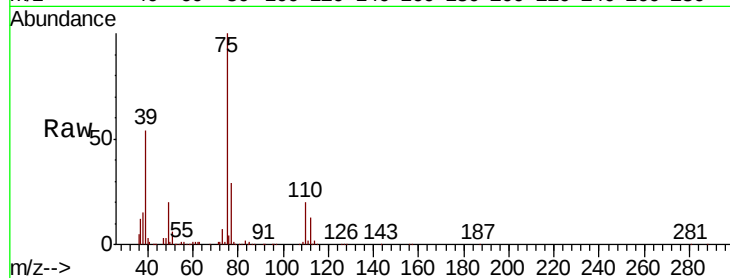
#45
 t-1,3-Dichloropropene
 Concen: 8.843 ppbv
 RT: 9.28 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.8	24.1	36.1

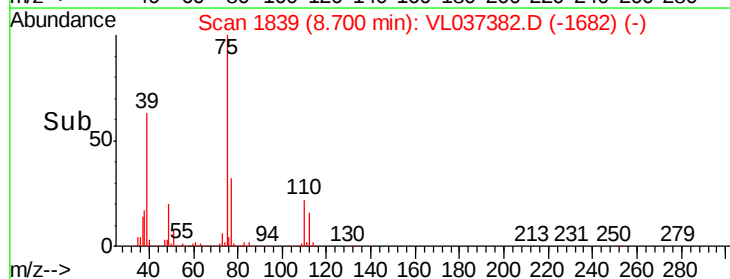
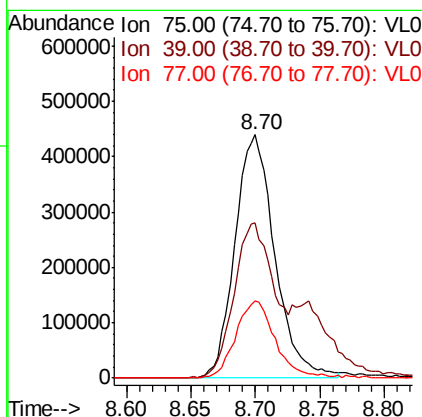
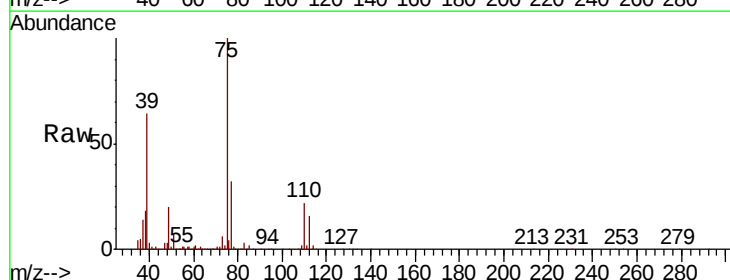
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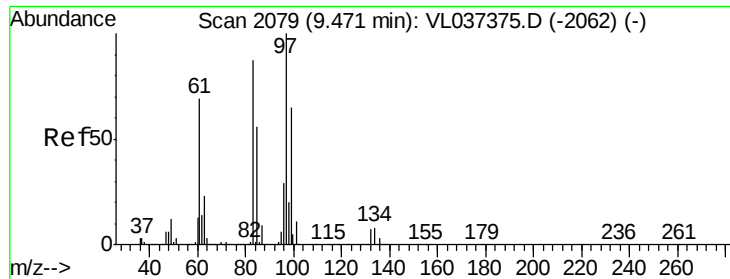
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#46
 cis-1,3-Dichloropropene
 Concen: 8.510 ppbv
 RT: 8.70 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
75	100		
39	63.8	49.4	74.2
77	31.5	25.0	37.6





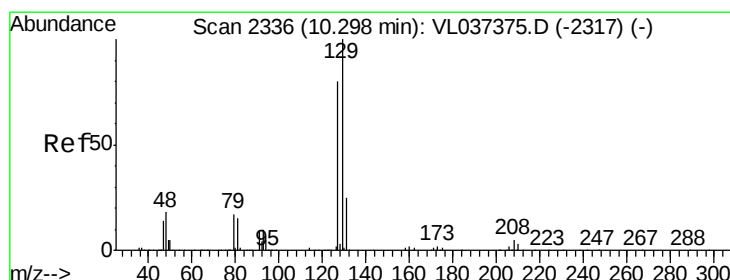
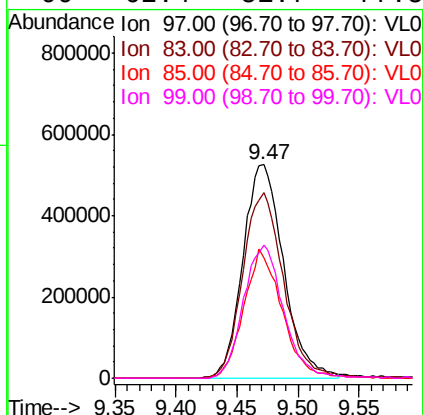
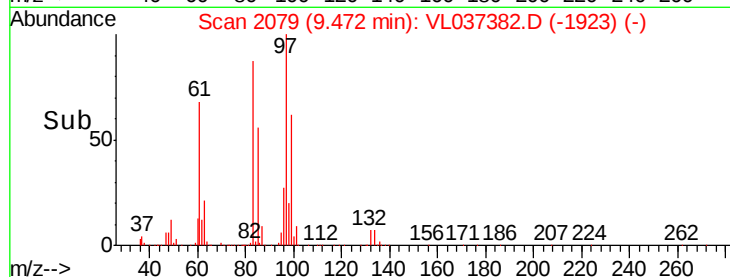
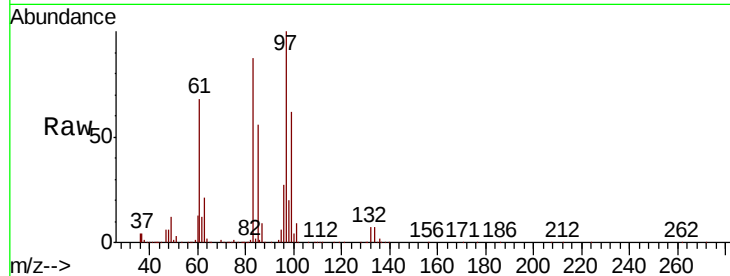
#47
 1,1,2-Trichloroethane
 Concen: 9.332 ppbv
 RT: 9.47 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.4	104.0
85	56.2	45.0	67.4
99	62.4	51.7	77.5

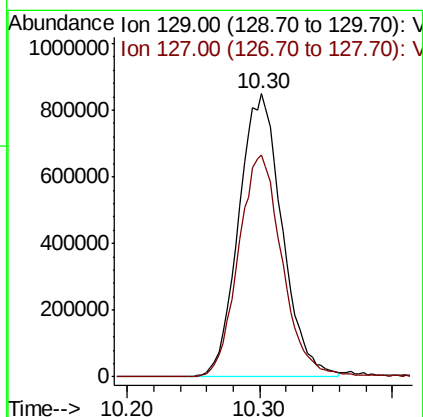
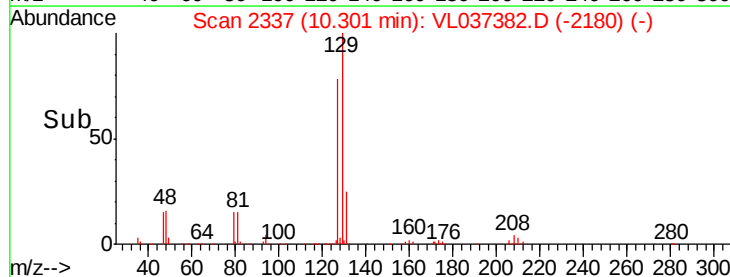
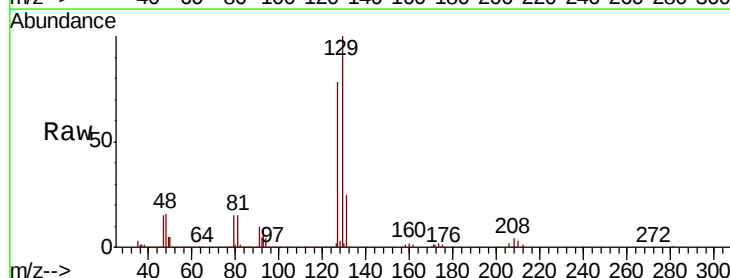
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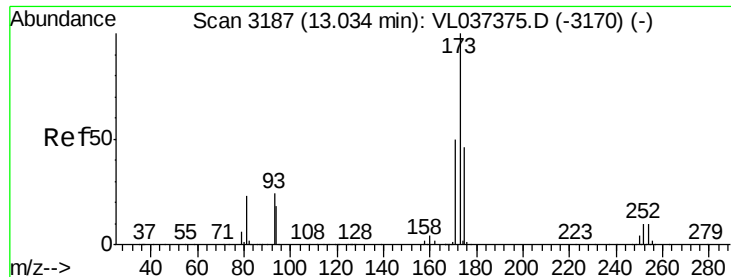
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#48
 Dibromochloromethane
 Concen: 10.100 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.4	40.1	120.3





#49

Bromoform

Concen: 10.549 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion:173 Resp: 1585767

Ion Ratio Lower Upper

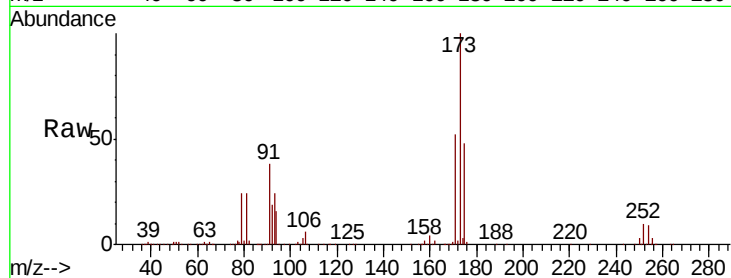
173 100

175 50.4 42.2 63.4

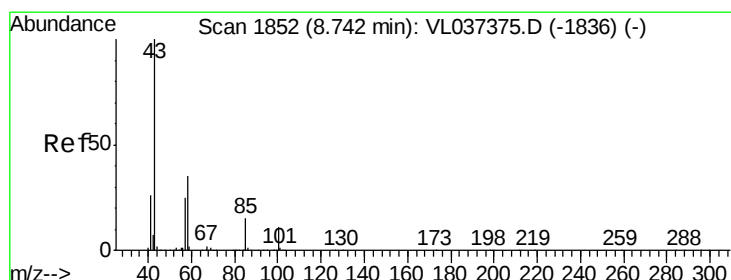
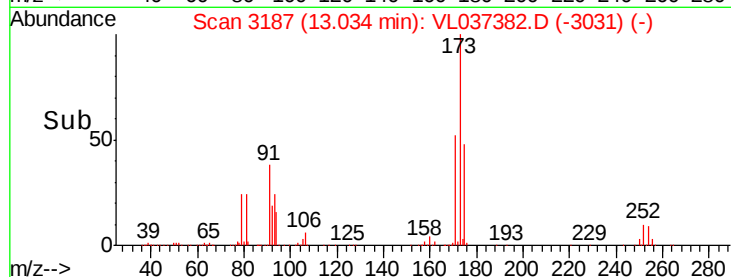
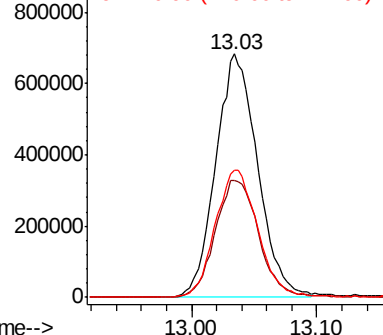
171 53.1 44.6 66.8

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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: 9.817 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VL037382.D

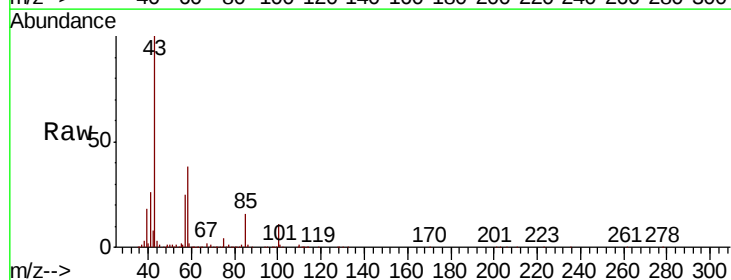
Acq: 11 Aug 2021 6:59

Tgt Ion: 43 Resp: 1933412

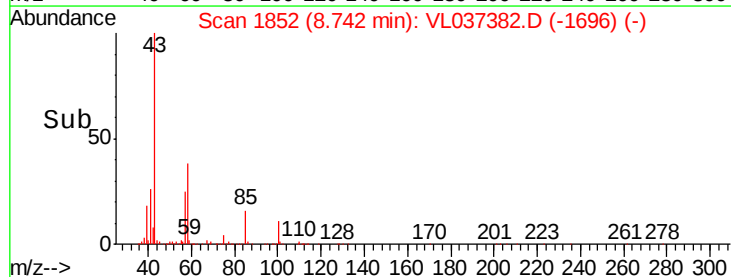
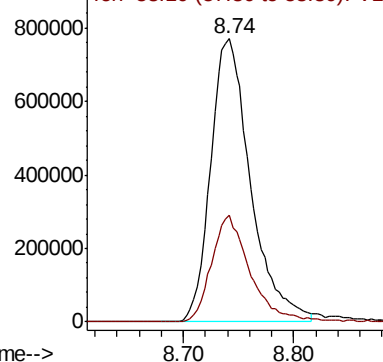
Ion Ratio Lower Upper

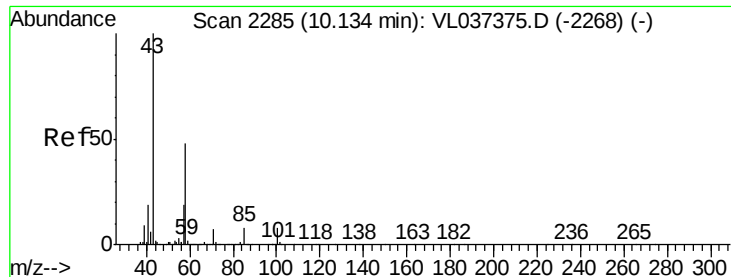
43 100

58 37.1 29.4 44.2



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





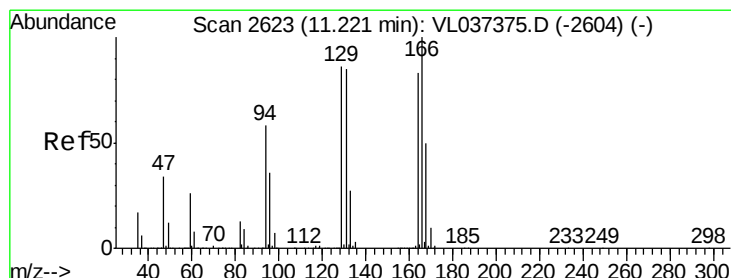
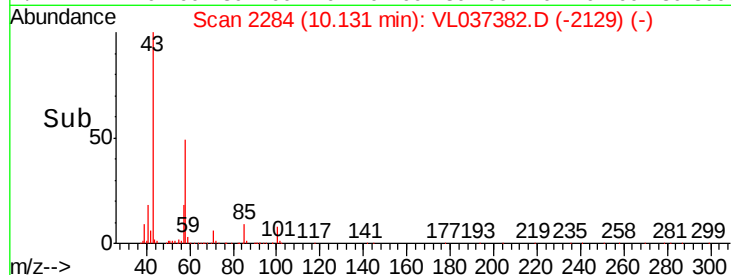
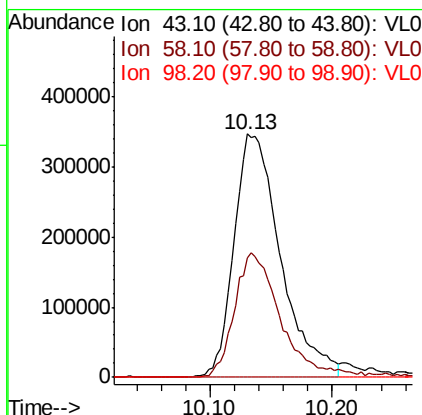
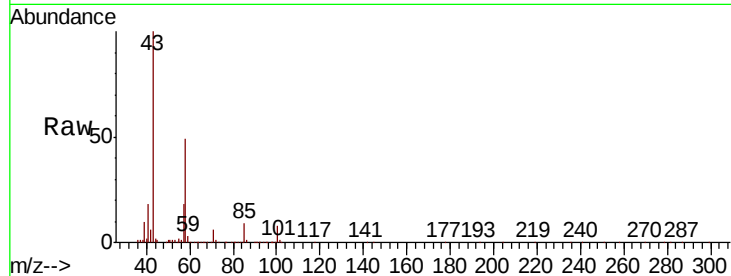
#51
2-Hexanone
Concen: 10.485 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.8	62.8
98	0.2	0.2	0.4

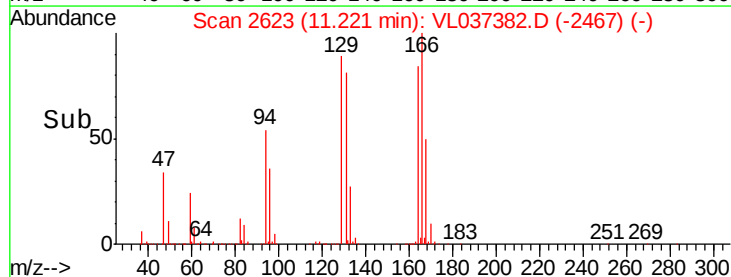
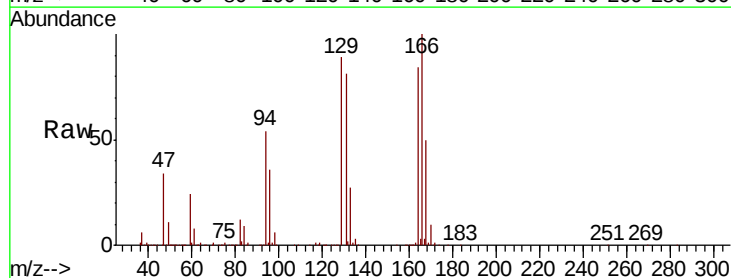
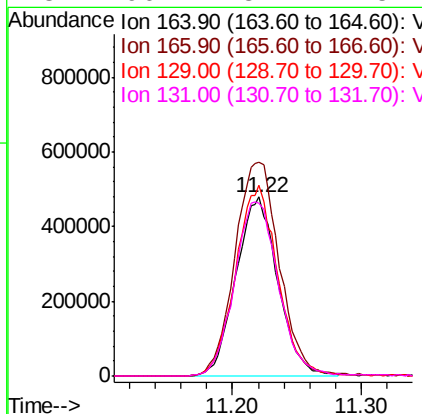
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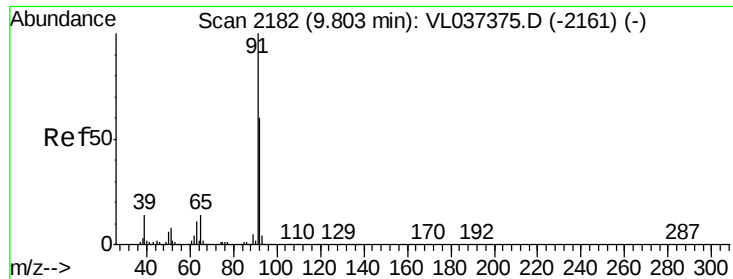
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#52
Tetrachloroethene
Concen: 8.439 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.3	96.5	144.7
129	106.4	83.2	124.8
131	96.7	82.2	123.2





#53

Toluene

Concen: 9.388 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. -0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion: 91 Resp: 3427876

Ion Ratio Lower Upper

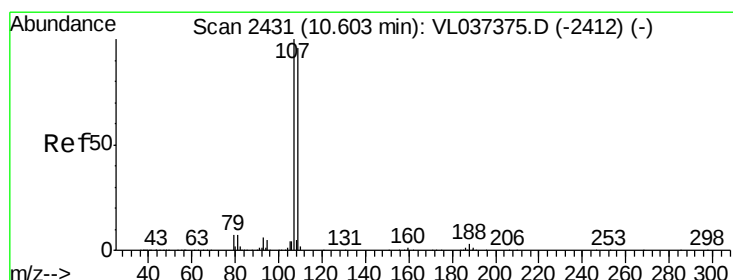
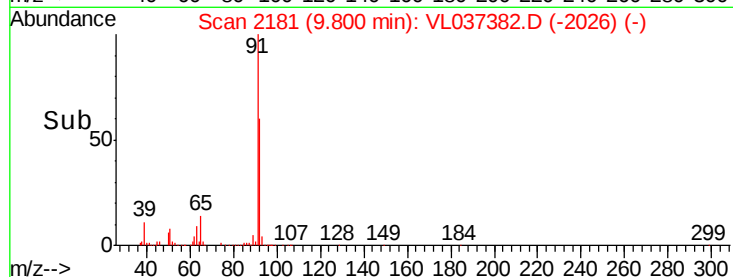
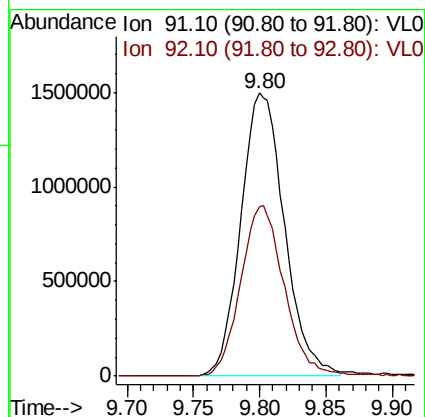
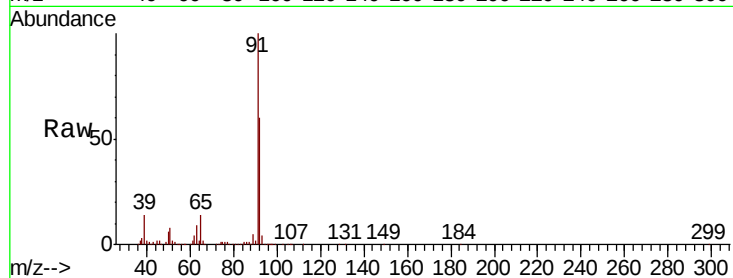
91 100

92 60.5 48.1 72.1

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#54

1,2-Dibromoethane

Concen: 9.332 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. 0.01 min

Lab File: VL037382.D

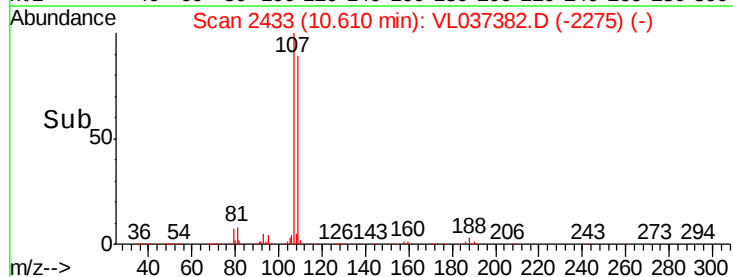
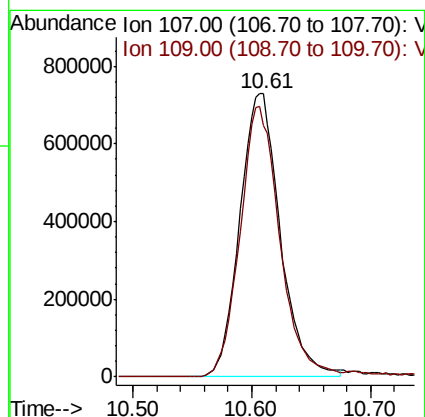
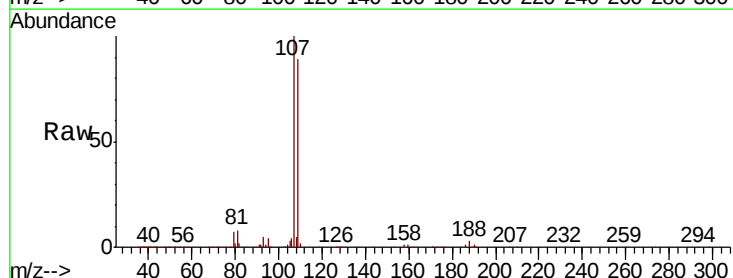
Acq: 11 Aug 2021 6:59

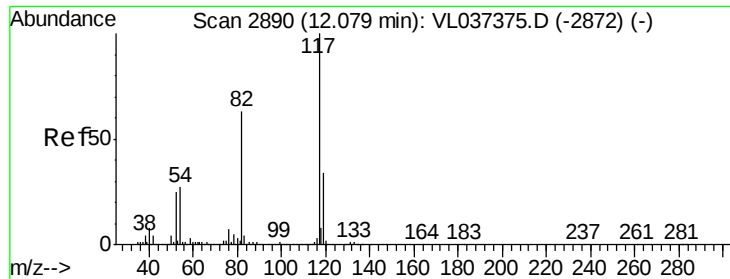
Tgt Ion: 107 Resp: 1713547

Ion Ratio Lower Upper

107 100

109 88.9 76.7 115.1





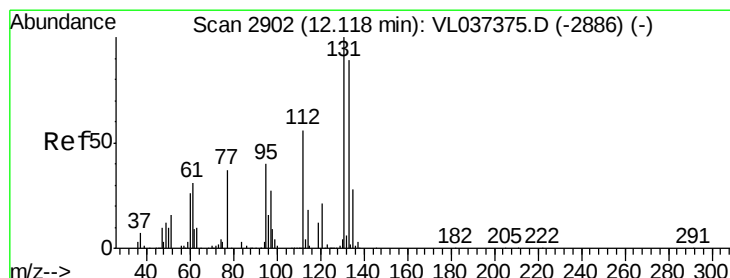
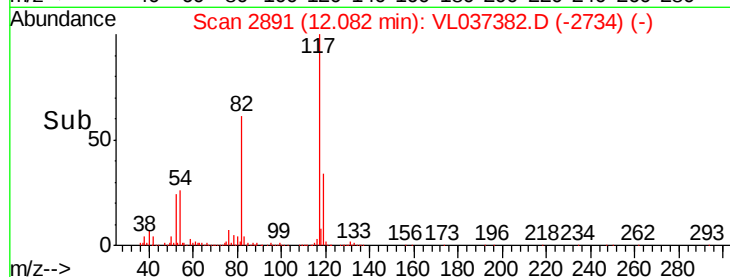
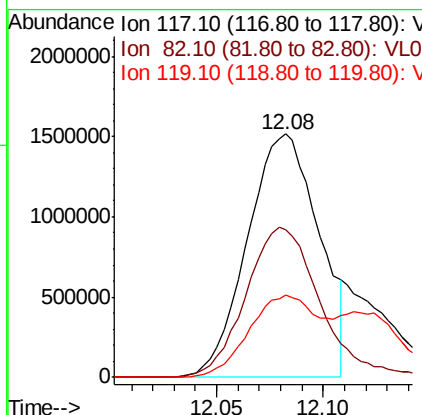
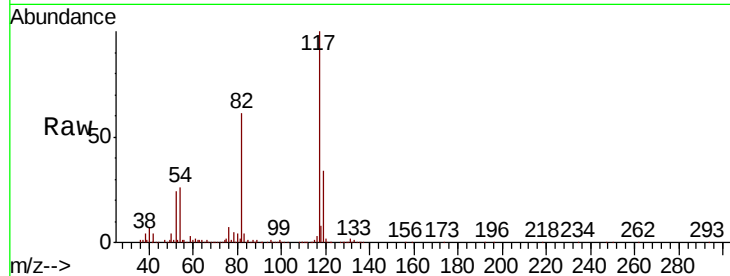
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.4	52.6	78.8
119	58.3	46.7	70.1

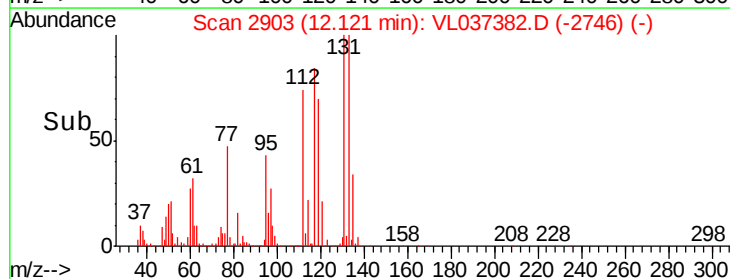
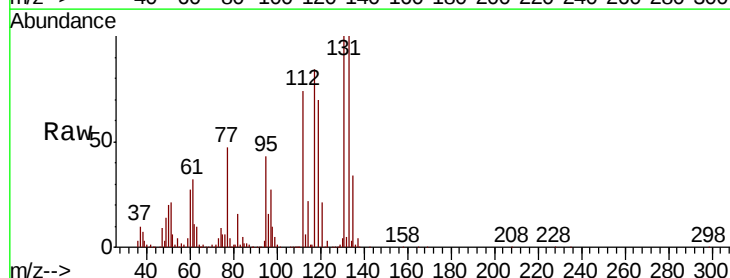
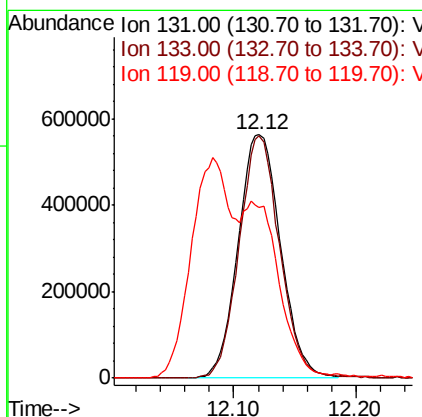
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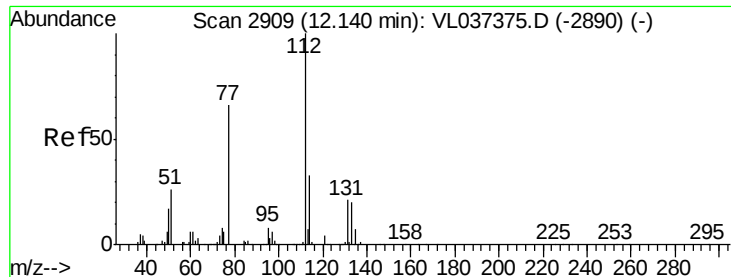
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.881 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	80.3	120.5
119	152.6	126.7	190.1





#57

Chlorobenzene

Concen: 9.203 ppbv

RT: 12.14 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion: 112 Resp: 2515473

Ion Ratio Lower Upper

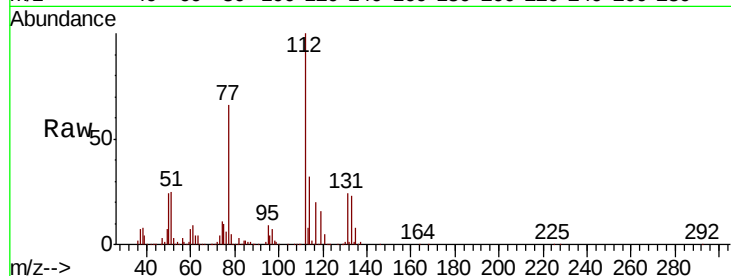
112 100

77 65.1 52.9 79.3

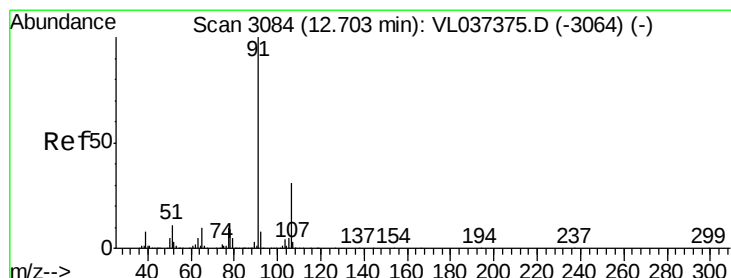
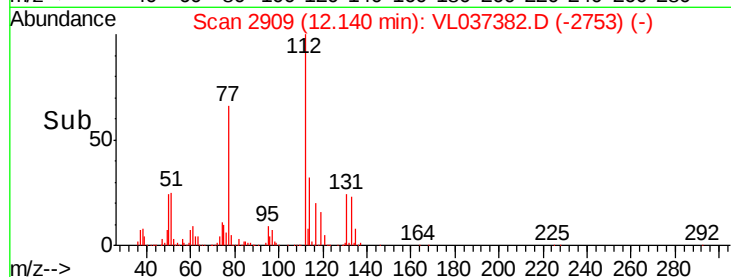
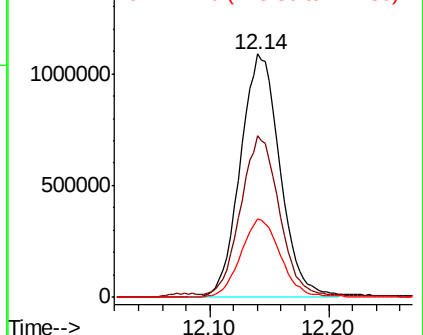
114 32.3 29.8 36.4

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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: 9.540 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. 0.00 min

Lab File: VL037382.D

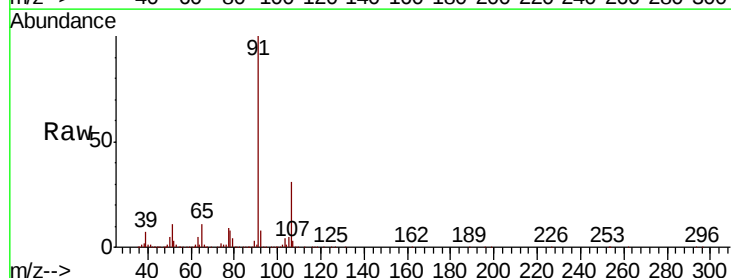
Acq: 11 Aug 2021 6:59

Tgt Ion: 91 Resp: 4509897

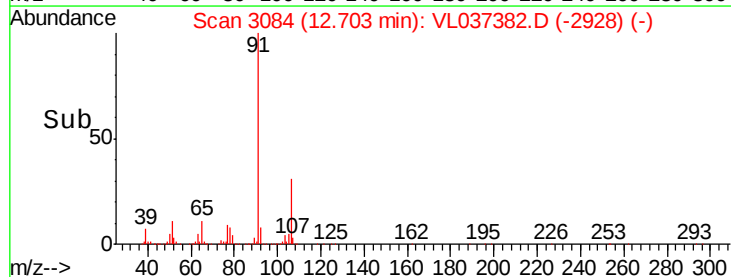
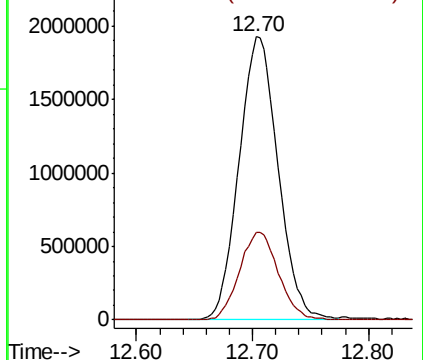
Ion Ratio Lower Upper

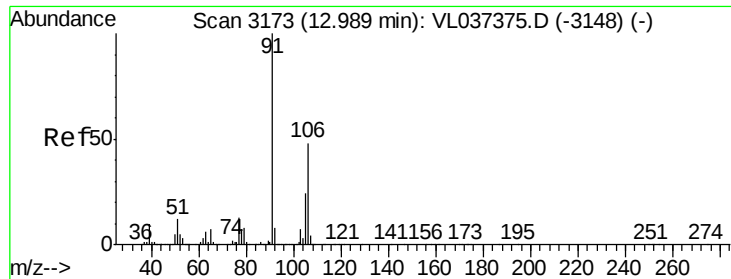
91 100

106 30.8 24.6 36.8



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





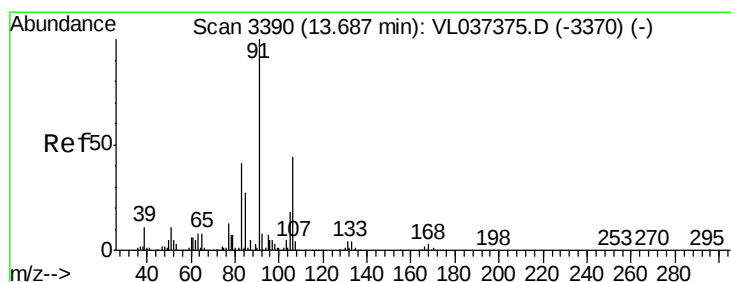
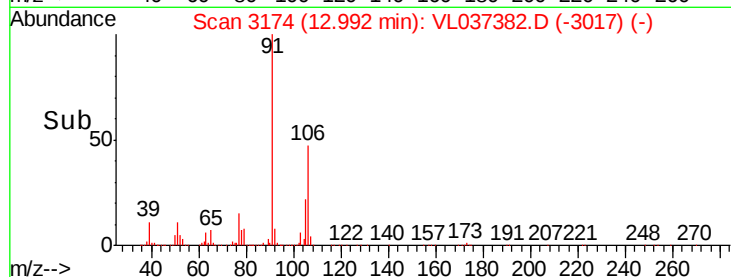
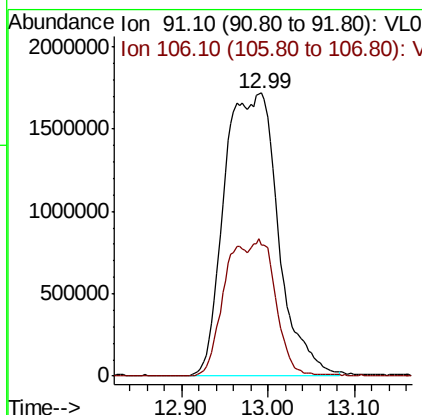
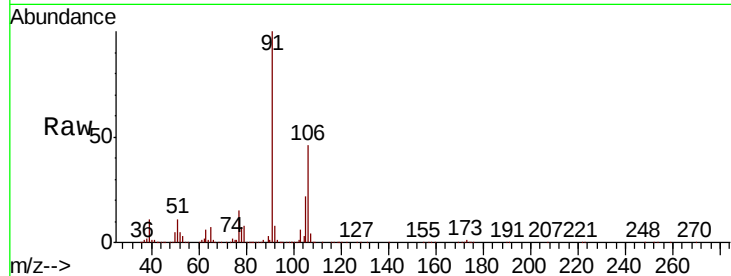
#59
m/p-Xylene
Concen: 18.242 ppbv m
RT: 12.99 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion: 91 Resp: 7424668
Ion Ratio Lower Upper
91 100
106 44.8 36.6 55.0

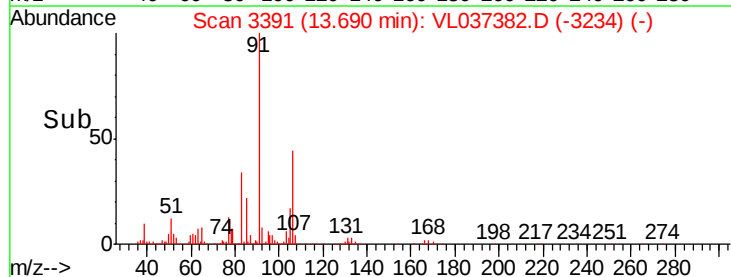
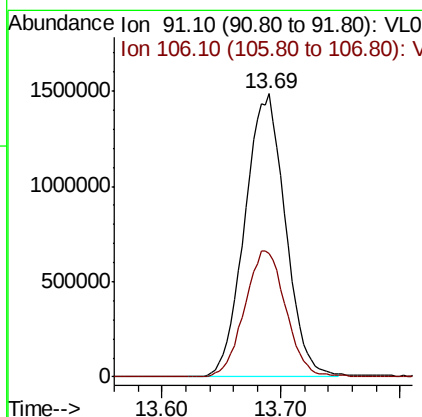
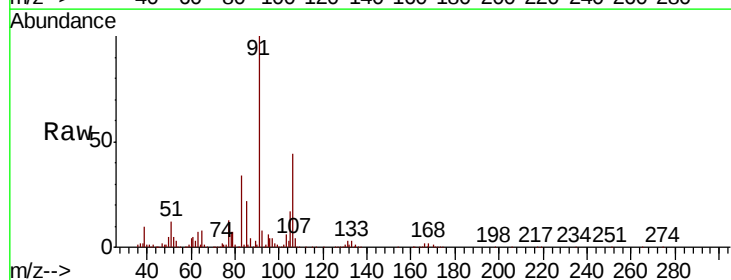
Manual Integrations
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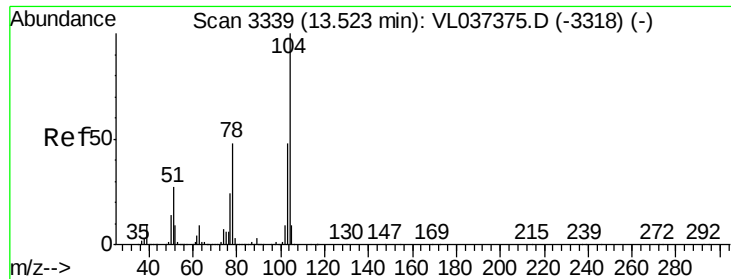
apatel
8/12/2021 10:16:49 AM



#60
o-Xylene
Concen: 9.259 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion: 91 Resp: 3493689
Ion Ratio Lower Upper
91 100
106 45.5 23.2 69.6





#61

Stvrene

Concen: 10.155 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion:104 Resp: 1984980

Ion Ratio Lower Upper

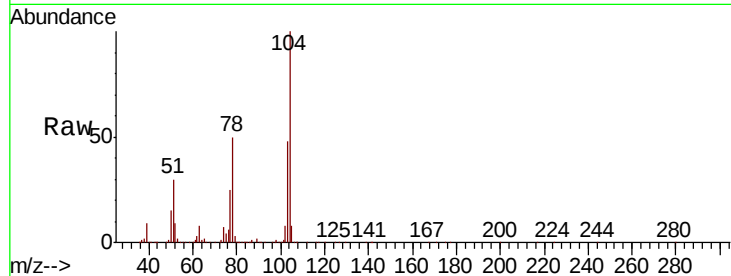
104 100

78 51.4 41.4 62.0

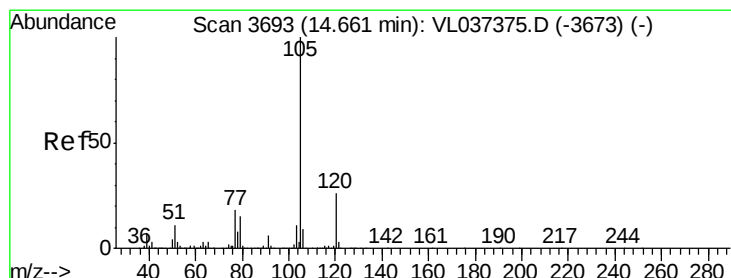
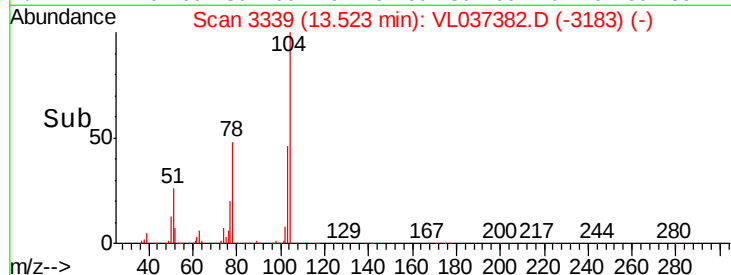
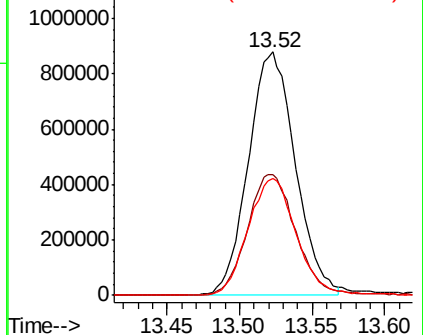
103 49.5 40.6 61.0

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Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.253 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VL037382.D

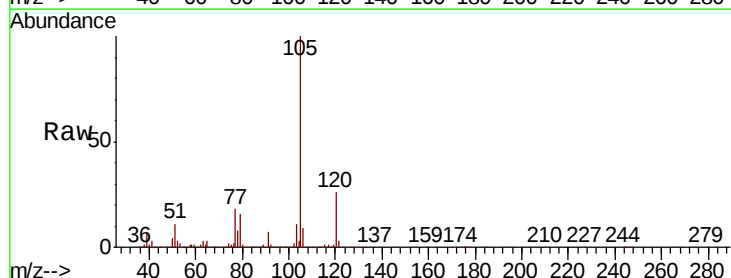
Acq: 11 Aug 2021 6:59

Tgt Ion:105 Resp: 4918030

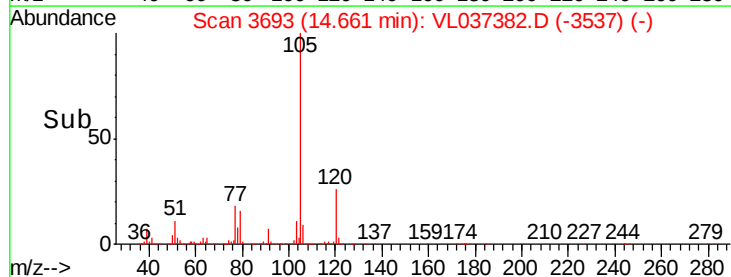
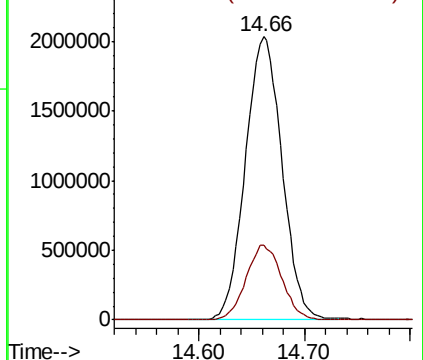
Ion Ratio Lower Upper

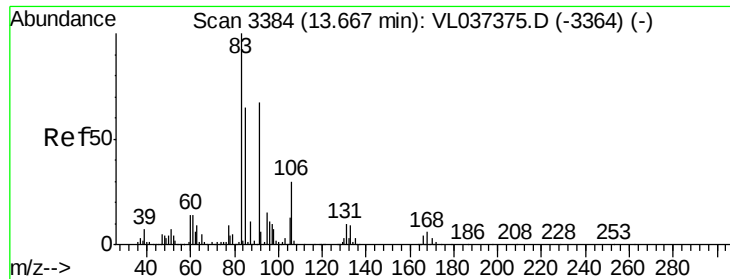
105 100

120 25.9 21.4 32.0



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





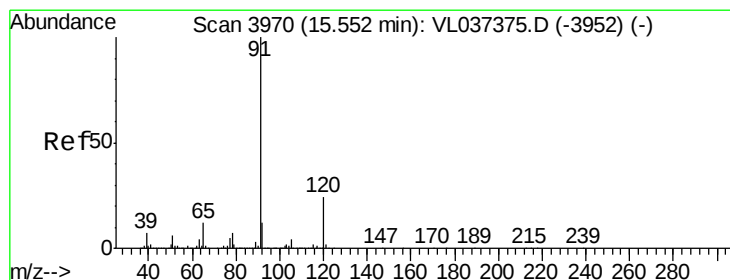
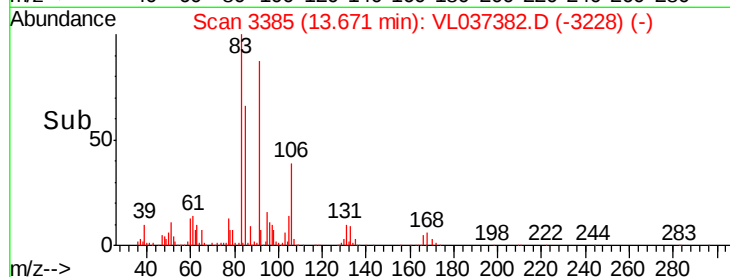
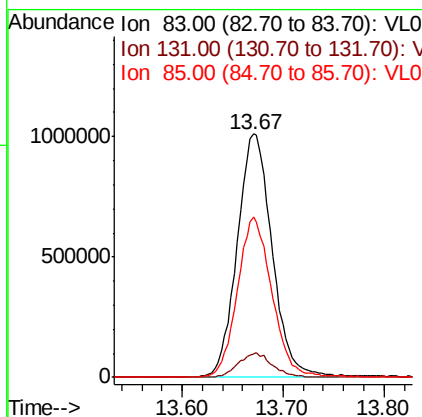
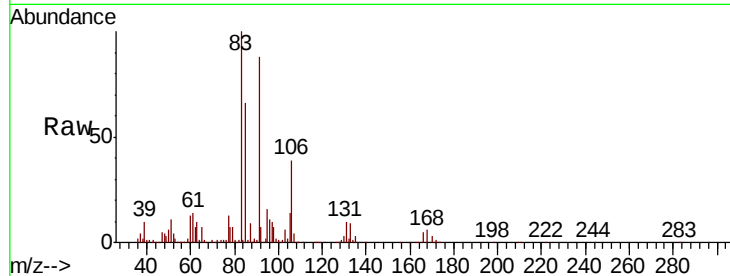
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.494 ppbv
 RT: 13.67 min Scan# 3385
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.4
85	65.4	32.6	97.7

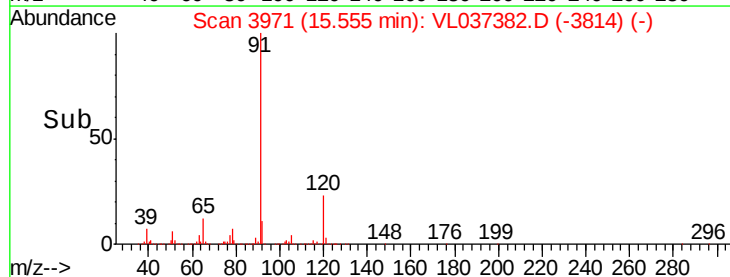
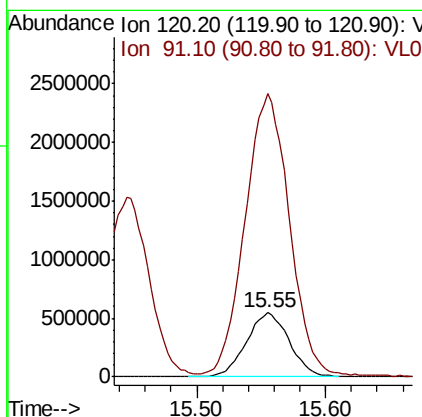
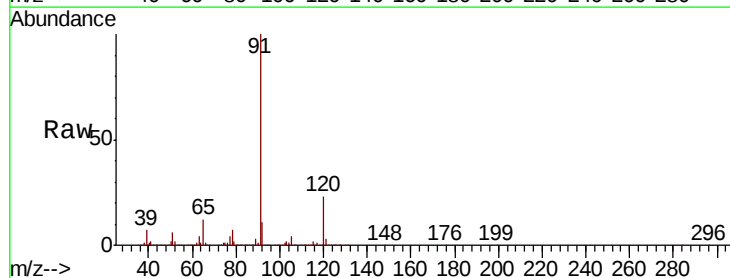
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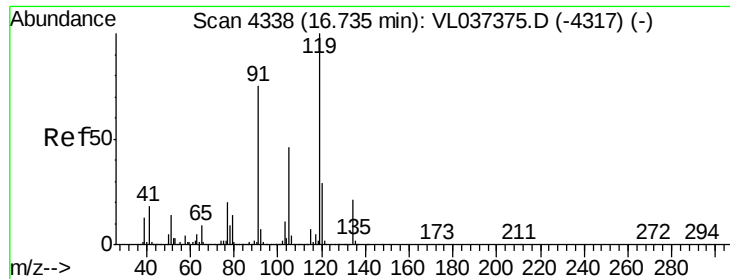
apatel
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#64
 n-propylbenzene
 Concen: 9.420 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
120	100		
91	458.4	386.1	579.1





#65

tert-Butylbenzene

Concen: 8.783 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion: 119 Resp: 4210899

Ion Ratio Lower Upper

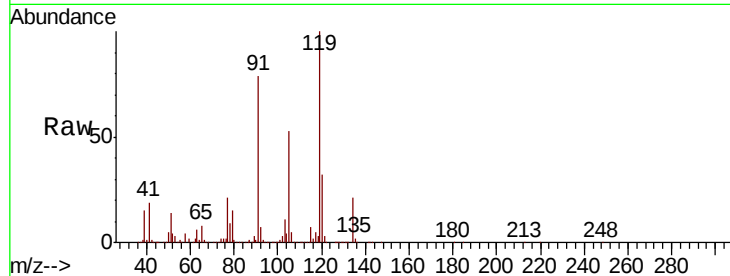
119 100

91 78.7 63.3 94.9

134 20.5 16.3 24.5

Manual Integrations
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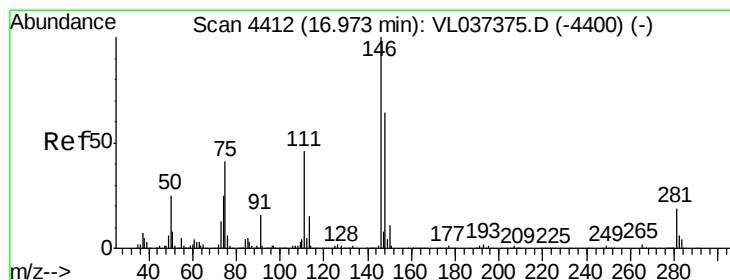
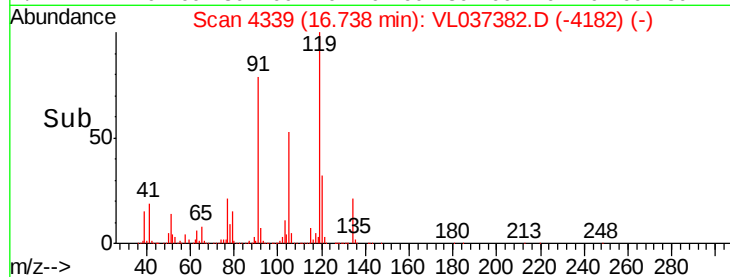
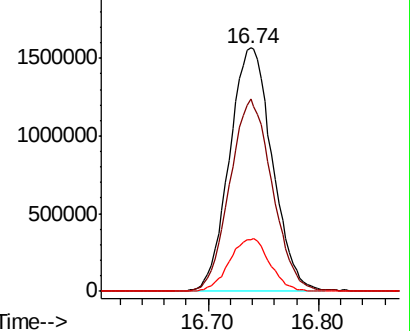
apatel
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.257 ppbv

RT: 16.98 min Scan# 4414

Delta R.T. 0.01 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

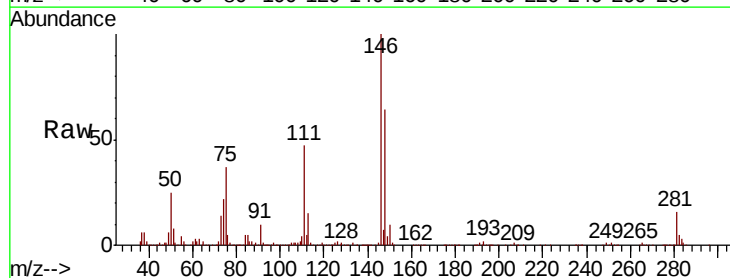
Tgt Ion: 91 Resp: 167824

Ion Ratio Lower Upper

91 100

126 21.4 13.5 20.3#

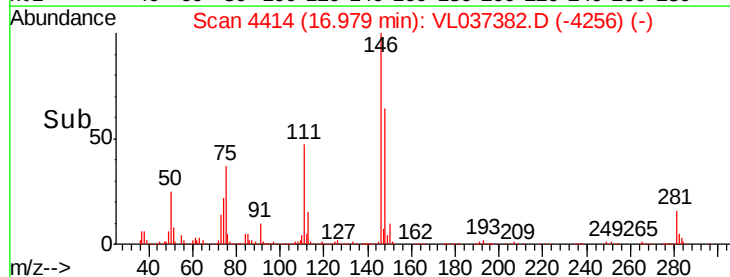
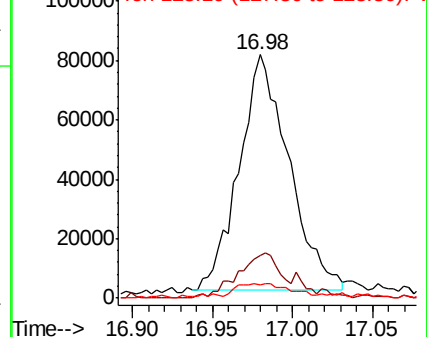
128 9.4 5.4 8.0#

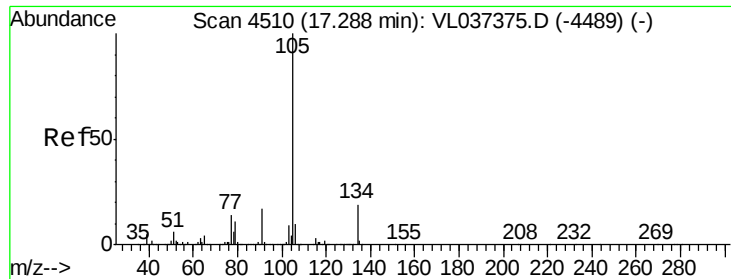


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





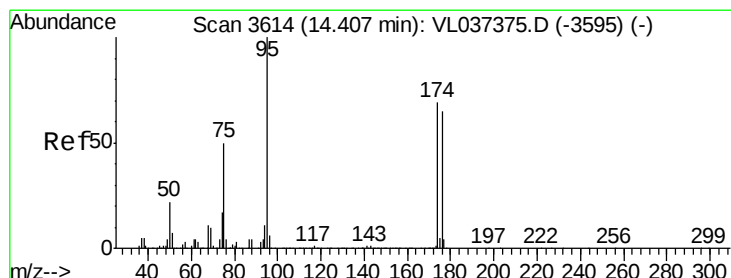
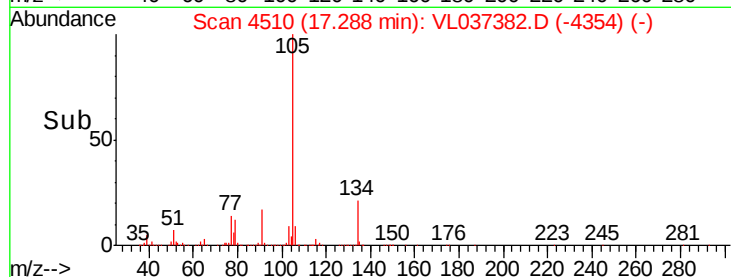
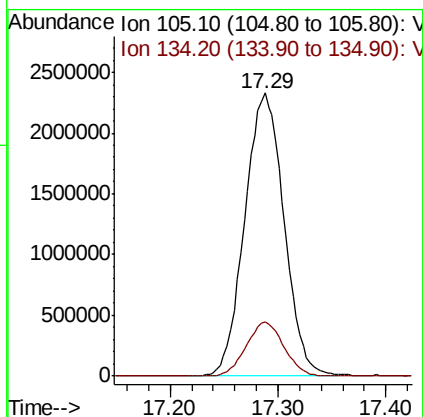
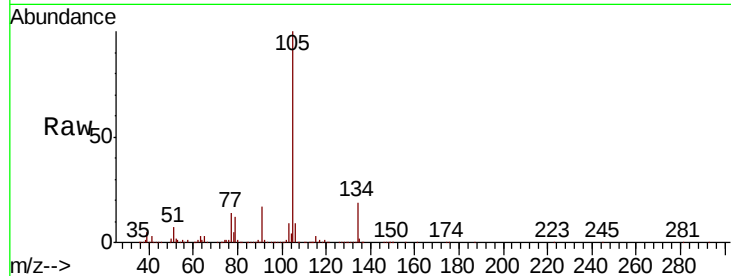
#67
 sec-Butylbenzene
 Concen: 8.922 ppbv
 RT: 17.29 min Scan# 4510
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.6	14.8	22.2

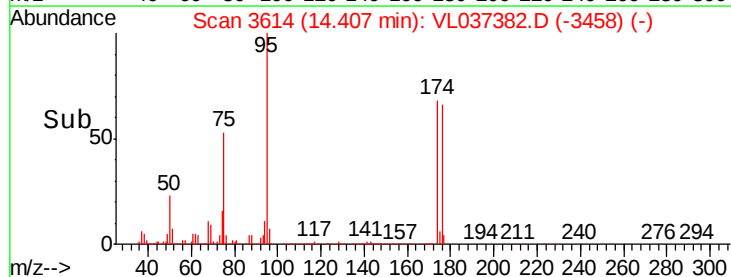
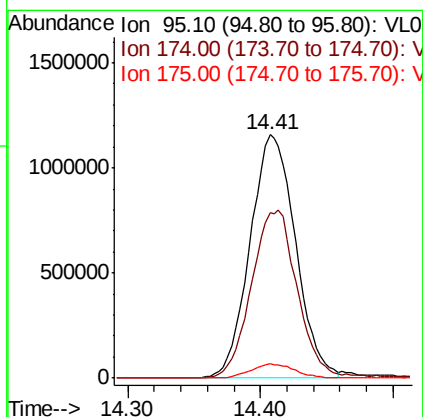
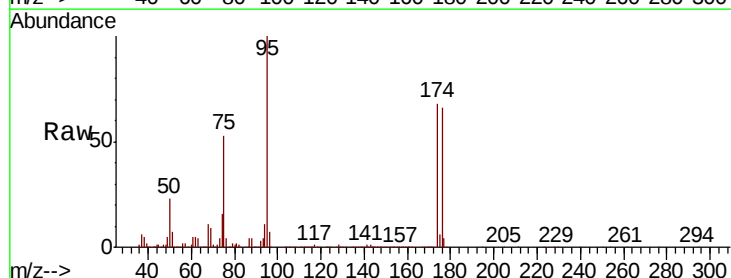
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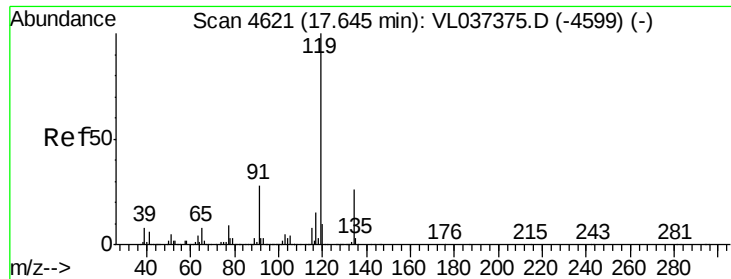
apatel
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.457 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.9	58.3	87.5
175	5.7	4.3	6.5





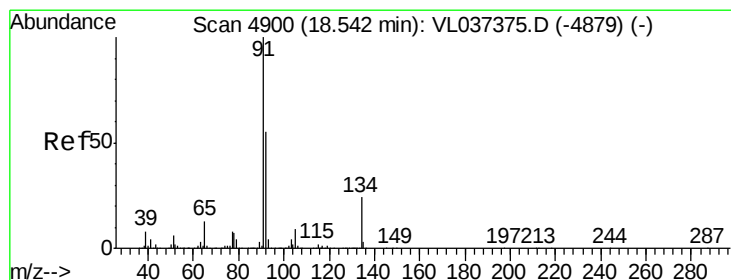
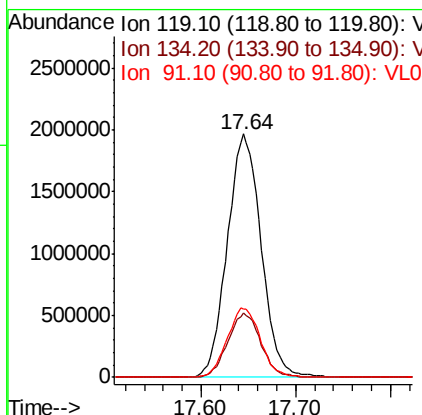
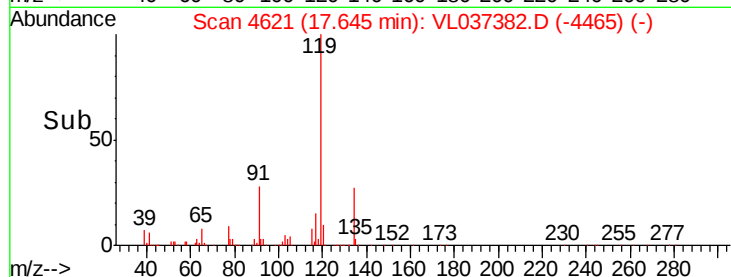
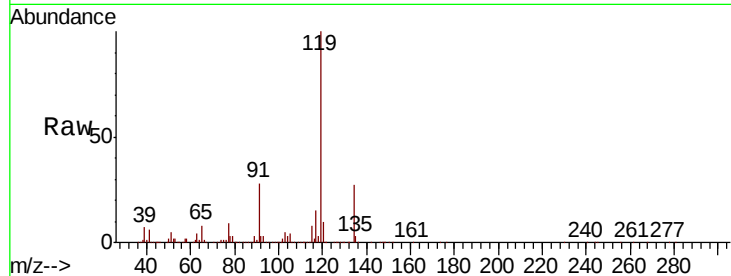
#69
 p-Isopropyltoluene
 Concen: 9.155 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.5	30.7
91	28.1	22.5	33.7

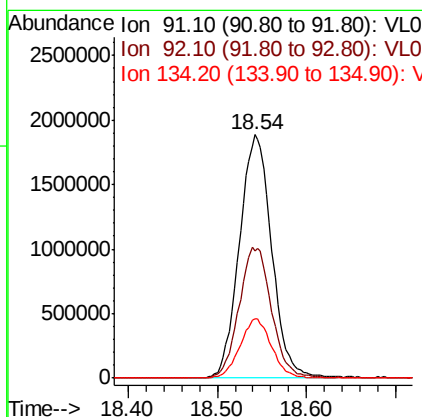
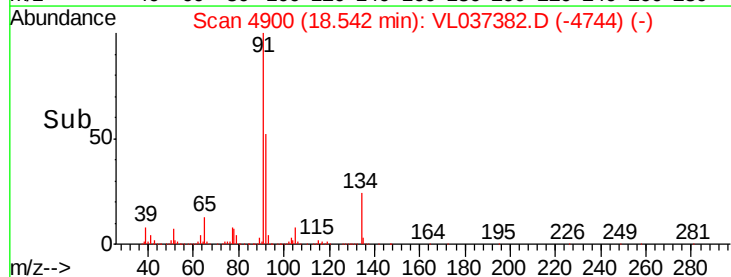
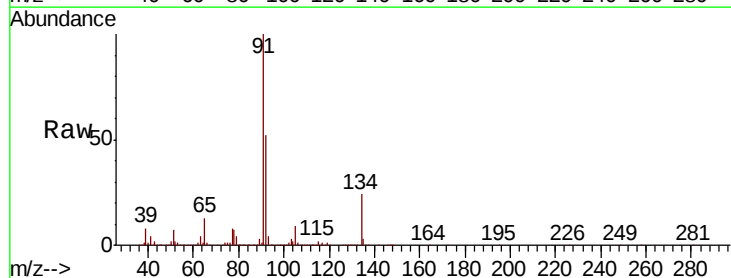
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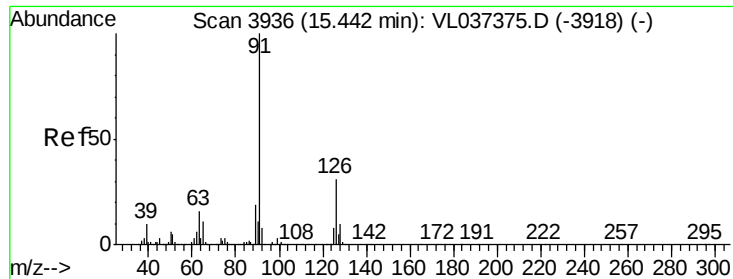
apatel
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#70
 n-Butylbenzene
 Concen: 9.452 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	43.7	65.5
134	23.8	19.4	29.0





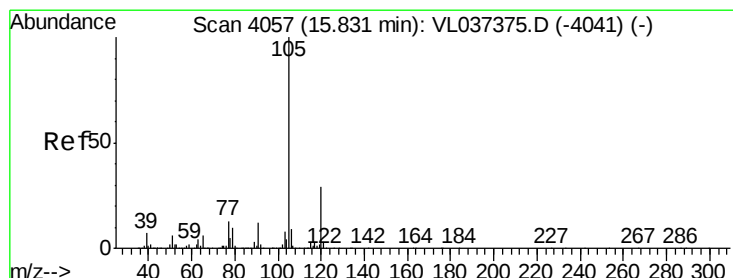
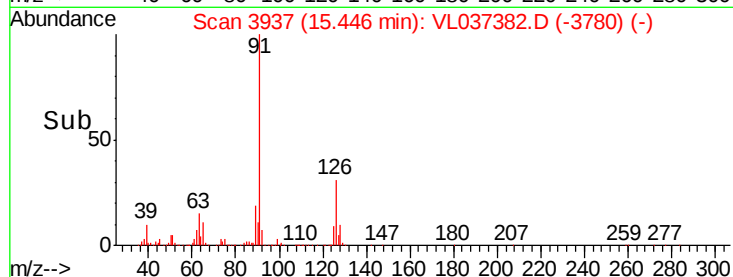
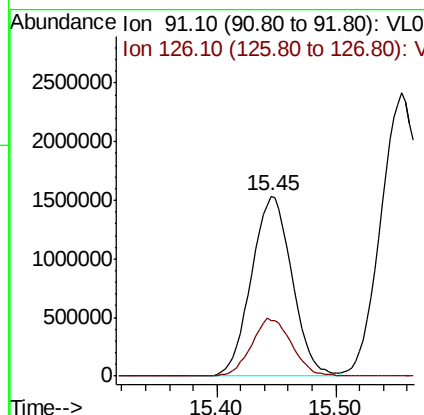
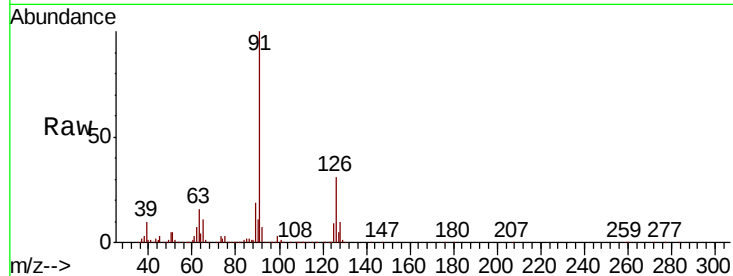
#71
 2-Chlorotoluene
 Concen: 9.343 ppbv
 RT: 15.45 min Scan# 3937
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampled :
 ICVVL081121

Tot Ion: 91 Resp: 3625690
 Ion Ratio Lower Upper
 91 100
 126 32.0 13.3 53.3

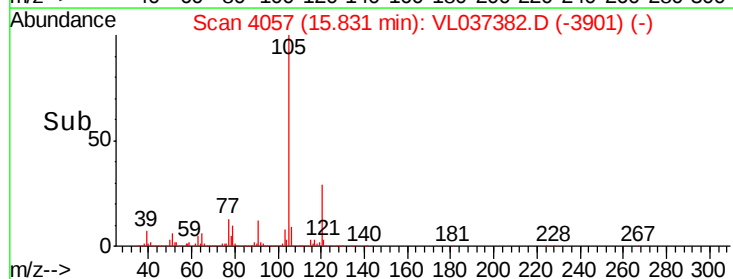
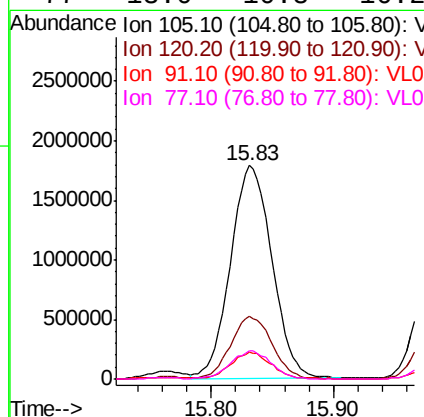
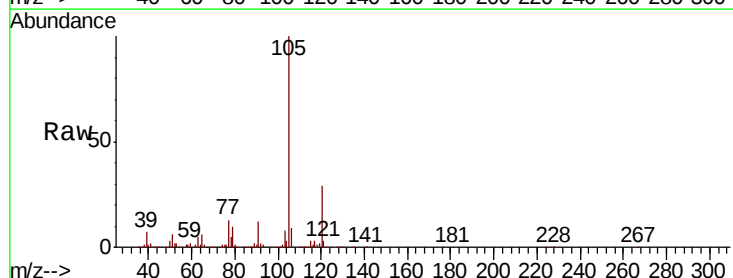
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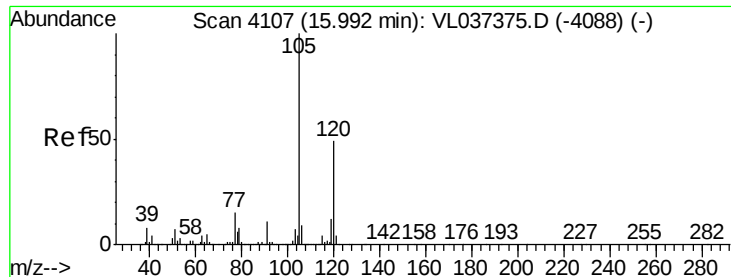
apatel
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#72
 4-Ethyltoluene
 Concen: 9.524 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. 0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion: 105 Resp: 4203058
 Ion Ratio Lower Upper
 105 100
 120 29.7 24.5 36.7
 91 12.0 9.9 14.9
 77 13.0 10.8 16.2





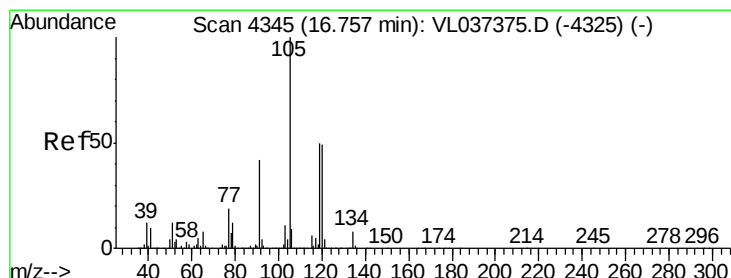
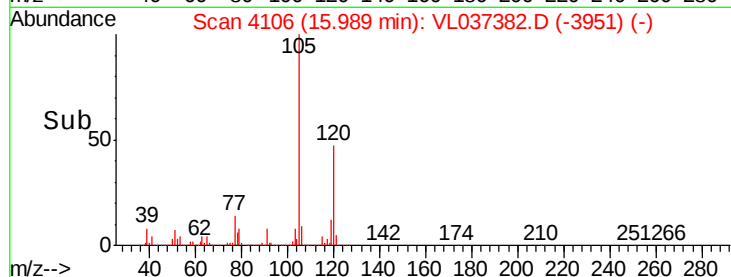
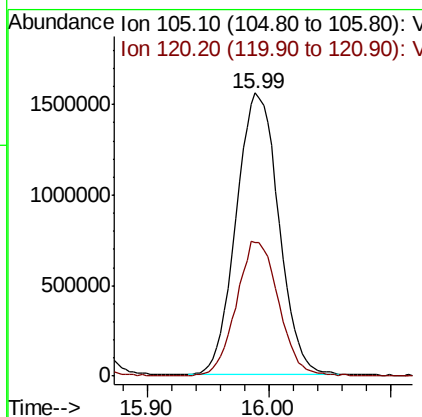
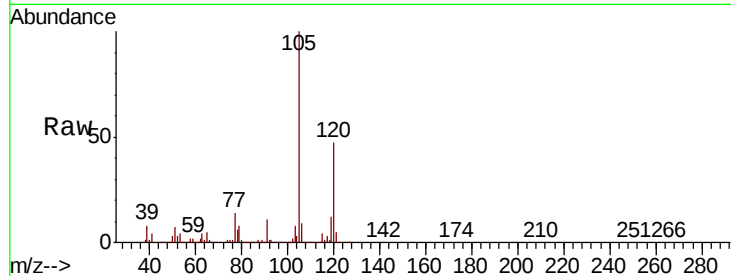
#73
 1,3,5-Trimethylbenzene
 Concen: 9.190 ppbv
 RT: 15.99 min Scan# 4106
 Delta R.T. -0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion:105 Resp: 3761734
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.9 58.3

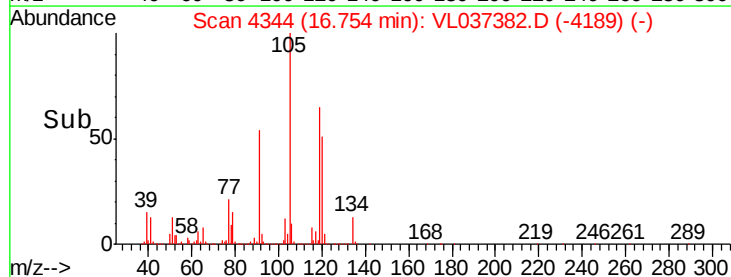
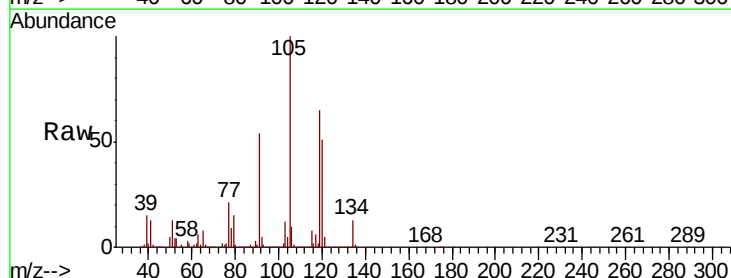
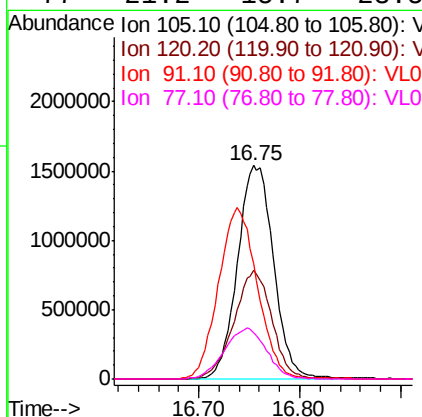
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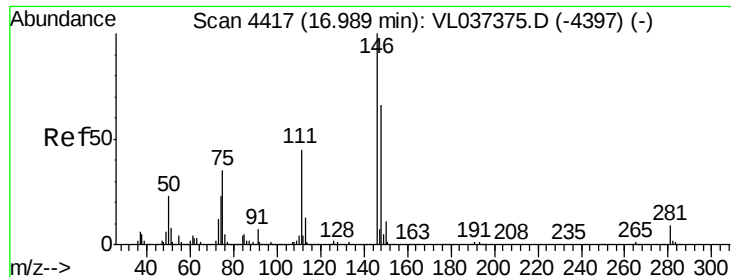
apatel
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.180 ppbv
 RT: 16.75 min Scan# 4344
 Delta R.T. -0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Tgt Ion:105 Resp: 3816067
 Ion Ratio Lower Upper
 105 100
 120 51.1 39.0 58.4
 91 53.9 34.4 51.6#
 77 21.2 15.7 23.5





#75

1,3-Dichlorobenzene

Concen: 8.945 ppbv

RT: 16.99 min Scan# 4417

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion:146 Resp: 2259368

Ion Ratio Lower Upper

146 100

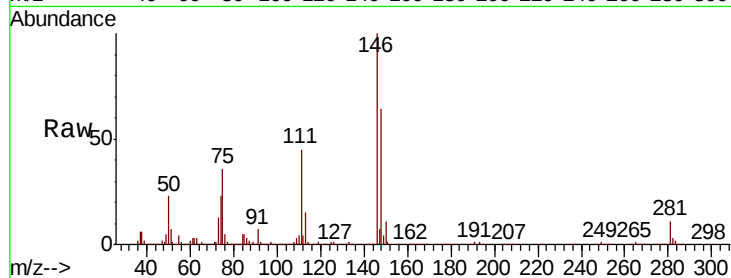
111 46.9 22.8 68.4

148 64.9 31.9 95.5

Manual Integrations
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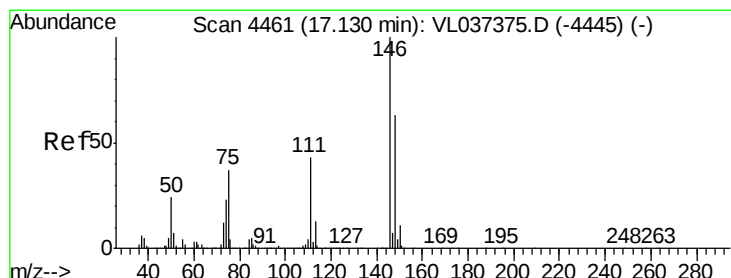
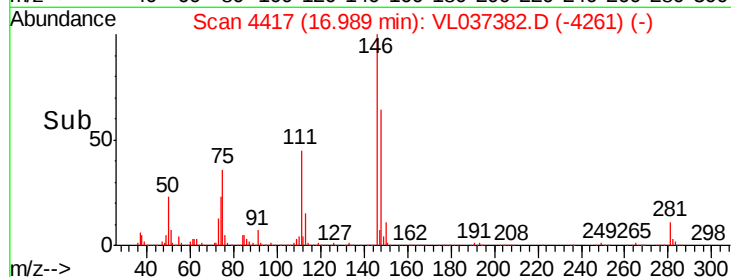
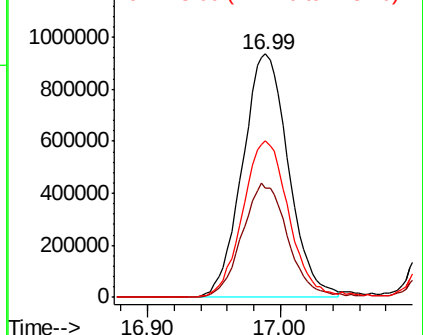


Abundance

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: 8.839 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

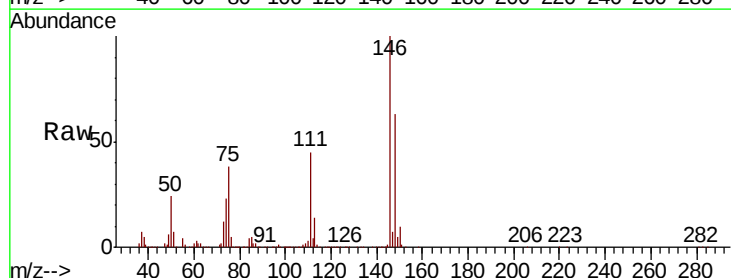
Tgt Ion:146 Resp: 2192199

Ion Ratio Lower Upper

146 100

111 45.6 22.8 68.4

148 66.9 33.3 99.8

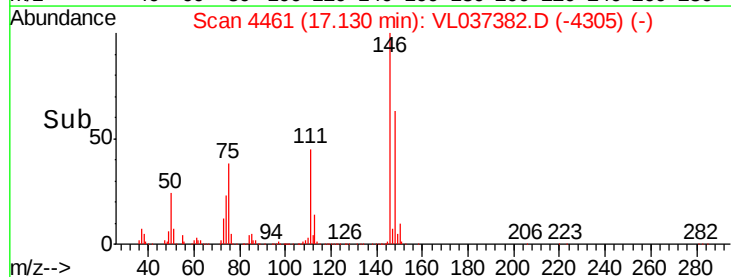
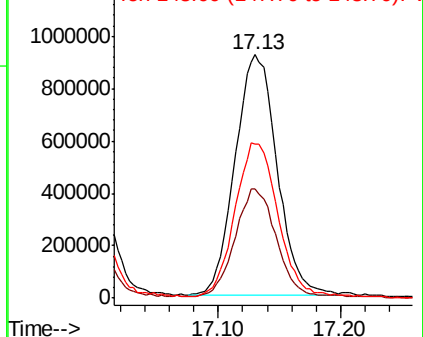


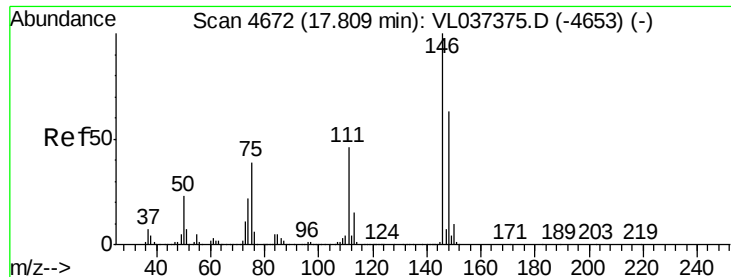
Abundance

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: 8.822 ppbv

RT: 17.81 min Scan# 4673

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081121

Tot Ion:146 Resp: 2147729

Ion Ratio Lower Upper

146 100

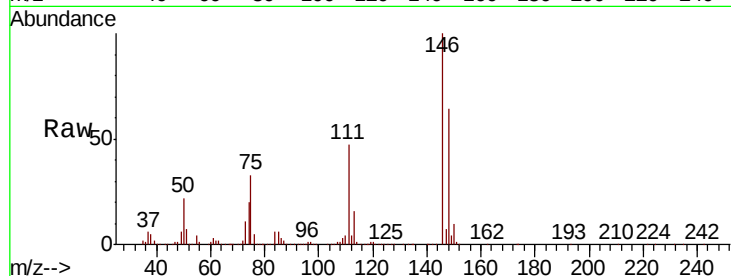
111 48.0 23.4 70.2

148 65.2 32.3 96.9

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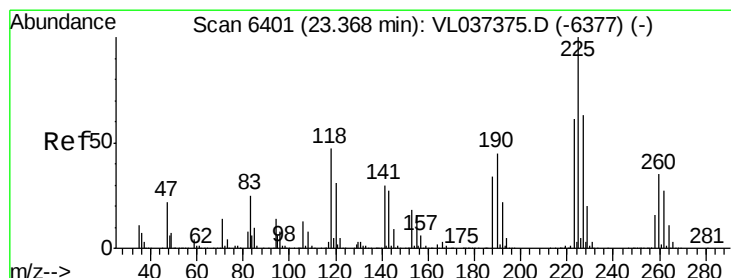
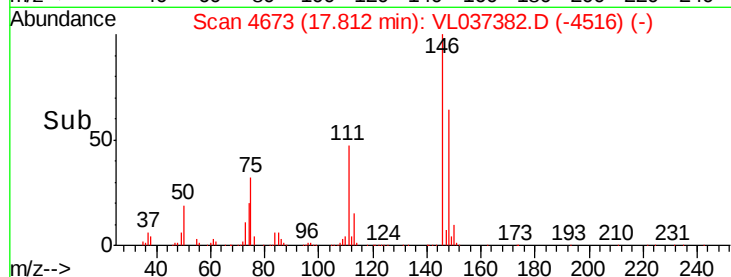
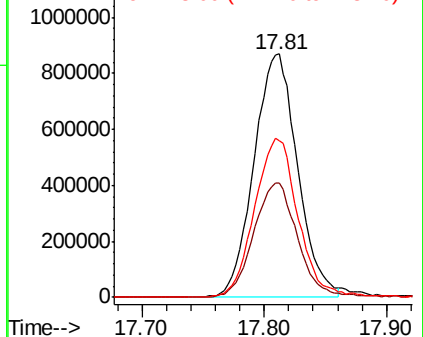


Abundance

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: 8.487 ppbv

RT: 23.37 min Scan# 6401

Delta R.T. 0.00 min

Lab File: VL037382.D

Acq: 11 Aug 2021 6:59

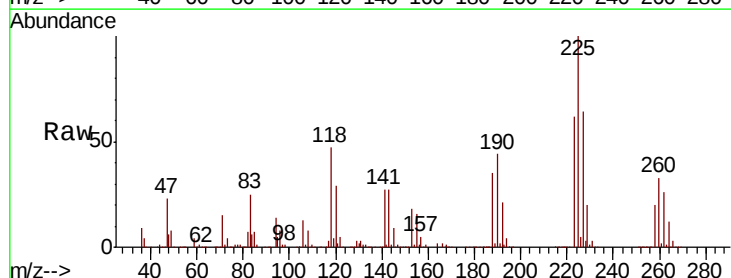
Tgt Ion:225 Resp: 1656758

Ion Ratio Lower Upper

225 100

223 63.6 51.8 77.8

227 64.7 52.2 78.4

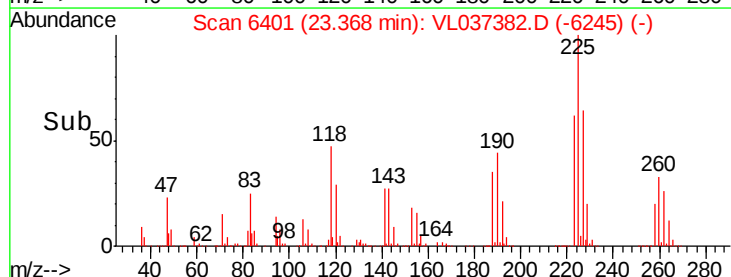
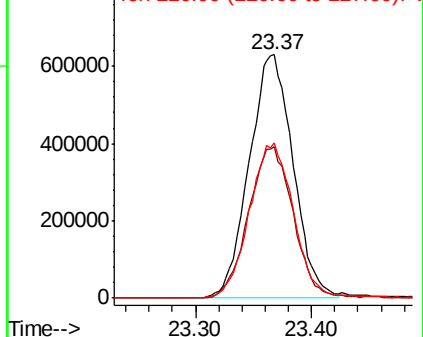


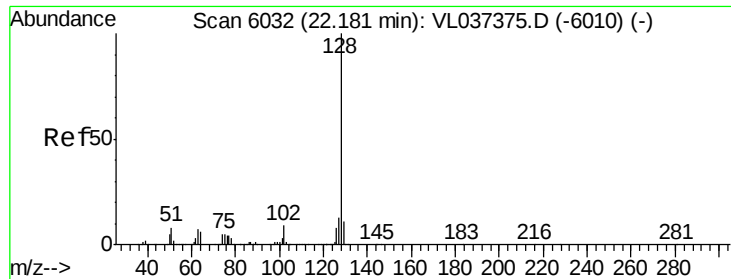
Abundance

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





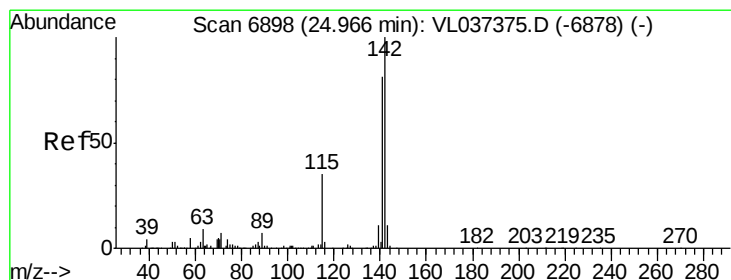
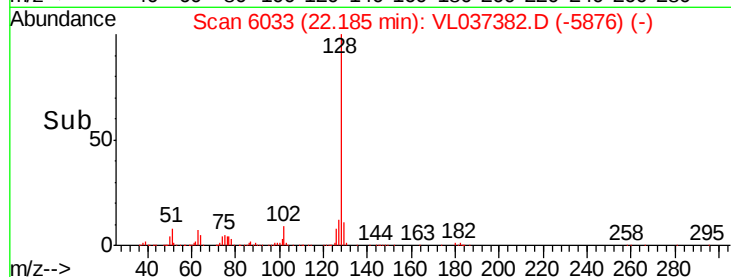
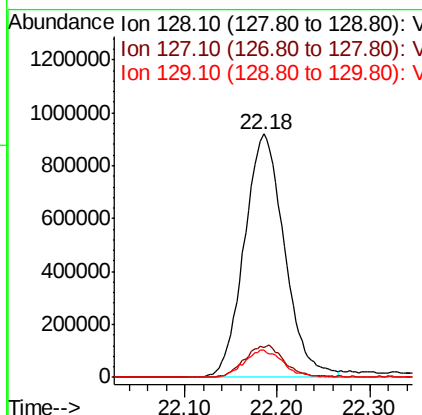
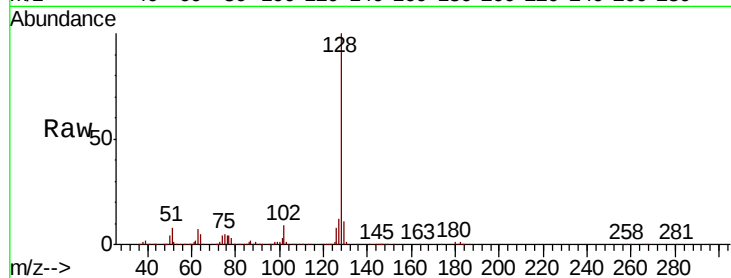
#79
Naphthalene
Concen: 12.231 ppbv
RT: 22.18 min Scan# 6033
Delta R.T. 0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081121

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	15.8
129	11.3	9.0	13.4

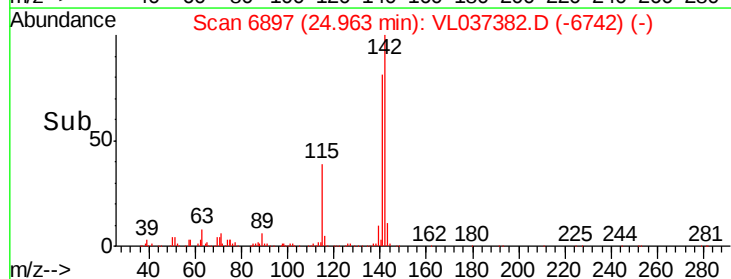
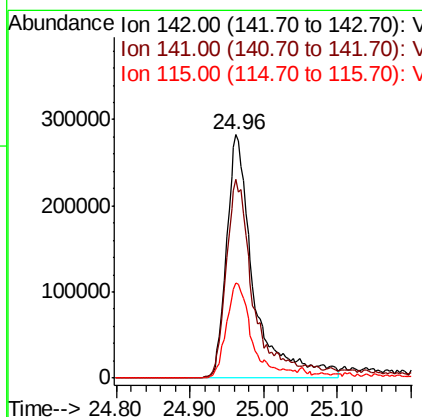
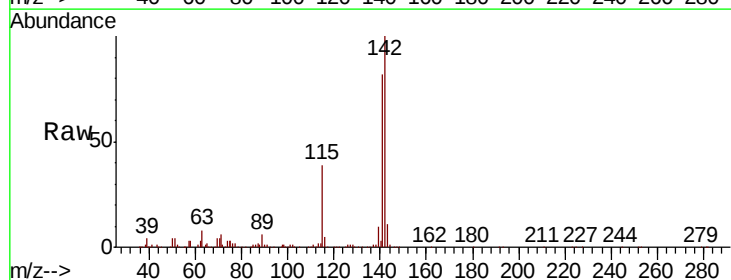
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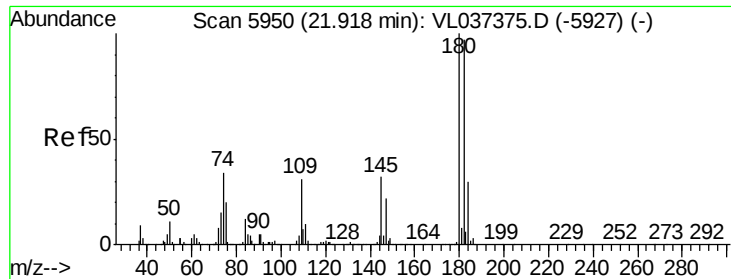
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#80
Naphthalene, 2-methyl-
Concen: 16.263 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. -0.00 min
Lab File: VL037382.D
Acq: 11 Aug 2021 6:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	72.1	108.1
115	36.2	28.1	42.1





#81
 1,2,4-Trichlorobenzene
 Concen: 10.636 ppbv
 RT: 21.91 min Scan# 5949
 Delta R.T. -0.00 min
 Lab File: VL037382.D
 Acq: 11 Aug 2021 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081121

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	78.7	118.1
184	32.1	24.3	36.5

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