

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036641.D
 Acq On : 2 Apr 2021 11:27
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010

Manual Integrations
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 4/5/2021 1:13:49 PM

Quant Time: Apr 03 03:45:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1403044	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3745915	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3477167m	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2768823	9.99	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1814632	7.930	ppbv	96
3) Chlorodifluoromethane	2.98	51	2274393	8.676	ppbv	100
4) Chloromethane	3.13	50	794620	8.582	ppbv	97
5) Vinyl Chloride	3.25	62	804433	8.449	ppbv	98
6) Bromomethane	3.46	94	453845	8.658	ppbv	97
7) Chloroethane	3.55	64	283934	8.679	ppbv	94
8) Dichlorotetrafluoroethane	3.18	85	1890344	8.655	ppbv	96
9) Propene	3.00	41	798647	9.557	ppbv	94
10) Heptane	8.11	43	2002916	9.408	ppbv	99
11) Trichlorofluoromethane	3.94	101	1952761	8.373	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1344838	9.019	ppbv	100
13) Ethanol	3.60	45	94615	9.507	ppbv	96
14) Bromoethene	3.73	108	572776	9.240	ppbv	99
15) Acetone	3.84	43	1115188	8.076	ppbv	98
16) 1,3-Butadiene	3.32	39	820599	8.535	ppbv	97
17) tert-Butyl alcohol	4.29	59	1310794	10.904	ppbv	99
18) 1,1-Dichloroethene	4.28	96	597225	9.005	ppbv	97
19) Isopropyl Alcohol	3.96	45	754439	9.932	ppbv #	95
20) Methylene Chloride	4.33	84	512265	7.923	ppbv	91
21) Allyl Chloride	4.40	41	1035920	9.410	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	598642	9.736	ppbv	95
23) Vinyl Acetate	5.06	43	2253384	9.540	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1500582	8.715	ppbv	98
25) Ethyl Acetate	5.66	43	3035488	9.246	ppbv	100
26) Hexane	5.68	57	1422197	9.335	ppbv	99
27) Carbon Disulfide	4.54	76	1534740	10.226	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1819110	10.125	ppbv	99
29) Chloroform	5.74	83	2139909	8.783	ppbv	99
30) Cyclohexane	7.12	84	1174277	9.504	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	1411474	9.578	ppbv	99
32) 1,1,1-Trichloroethane	6.50	97	2211005	9.004	ppbv	100
34) 2-Butanone	5.23	43	1516254	8.292	ppbv	100
35) Carbon Tetrachloride	7.01	117	2293541	7.972	ppbv	99
36) Benzene	6.88	78	2862176	8.285	ppbv	100
37) 1,2-Dichloroethane	6.30	62	1670627	8.216	ppbv	99
38) Trichloroethene	7.82	130	1088137	8.093	ppbv	94
39) 1,2-Dichloropropane	7.60	63	1144995	8.170	ppbv	98
40) 1,4-Dioxane	7.82	88	277486m	8.508	ppbv	
41) Tetrahydrofuran	6.04	42	724641	8.595	ppbv	95
42) Bromodichloromethane	7.78	83	2343274	8.472	ppbv	98
43) Methyl Methacrylate	8.00	69	1072479	9.245	ppbv	97

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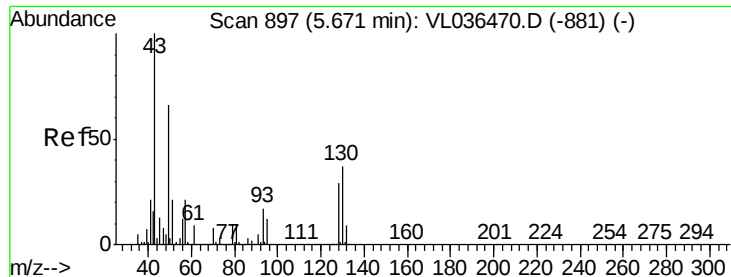
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4891789	8.045	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1388859	10.485	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	1650452	9.747	ppbv	97
47) 1,1,2-Trichloroethane	9.46	97	1149111	8.095	ppbv	98
48) Dibromochloromethane	10.29	129	2053005	9.488	ppbv	99
49) Bromoform	13.03	173	1746026	10.015	ppbv	97
50) 4-Methyl-2-Pentanone	8.73	43	2336245	8.830	ppbv	99
51) 2-Hexanone	10.13	43	1275010	9.549	ppbv	97
52) Tetrachloroethene	11.21	164	1123391	8.831	ppbv	95
53) Toluene	9.80	91	3321427	9.028	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1705992	8.510	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	1364783	8.678	ppbv #	55
57) Chlorobenzene	12.13	112	2443076	8.258	ppbv	99
58) Ethyl Benzene	12.70	91	4404593	8.707	ppbv	99
59) m/p-Xylene	12.98	91	7396568m	16.763	ppbv	
60) o-Xylene	13.68	91	3461067	8.113	ppbv	99
61) Styrene	13.52	104	2111086	9.836	ppbv	99
62) Isopropylbenzene	14.66	105	4787842	8.333	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2354083	7.233	ppbv	100
64) n-propylbenzene	15.55	120	1263321	8.994	ppbv	93
65) tert-Butylbenzene	16.73	119	4265816	8.563	ppbv	97
66) Benzyl Chloride	16.98	91	709610	12.886	ppbv	95
67) sec-Butylbenzene	17.28	105	5743373	8.167	ppbv	99
69) p-Isopropyltoluene	17.64	119	4957340	9.027	ppbv	98
70) n-Butylbenzene	18.55	91	4762355	8.364	ppbv	99
71) 2-Chlorotoluene	15.44	91	3600994	8.364	ppbv	96
72) 4-Ethyltoluene	15.83	105	4138343	8.852	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3756600	8.610	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	3860975	8.269	ppbv	99
75) 1,3-Dichlorobenzene	16.98	146	2299012	8.747	ppbv	98
76) 1,4-Dichlorobenzene	17.13	146	2249196	8.619	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2183327	8.838	ppbv	97
78) Hexachloro-1,3-Butadiene	23.37	225	1777529	8.034	ppbv	99
79) Naphthalene	22.19	128	2837699	10.415	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	501082	9.326	ppbv	89
81) 1,2,4-Trichlorobenzene	21.92	180	1685976	10.022	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 49 Resp: 1403044

Ion Ratio Lower Upper

49 100

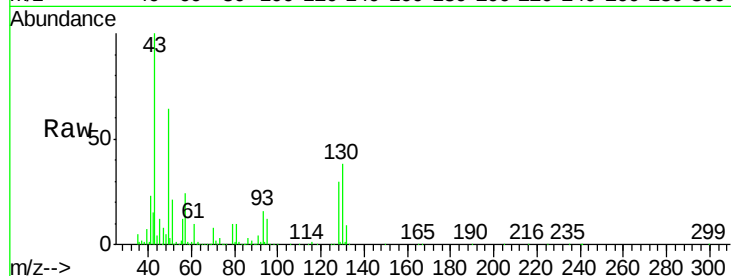
128 50.3 23.5 70.6

130 62.4 29.1 87.4

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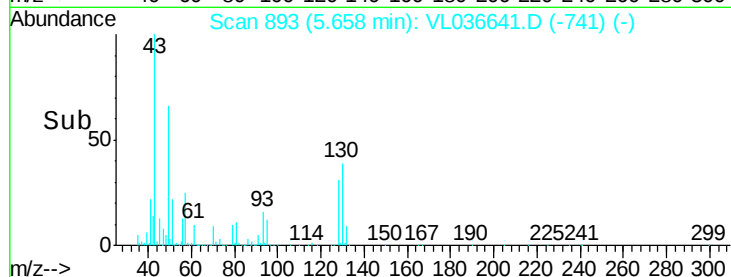
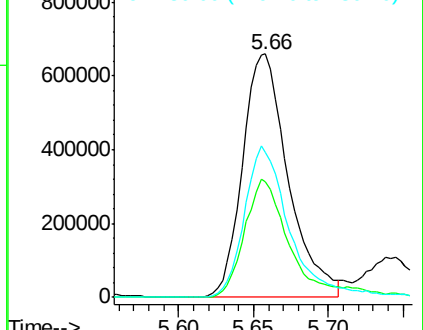
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 7.930 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL036641.D

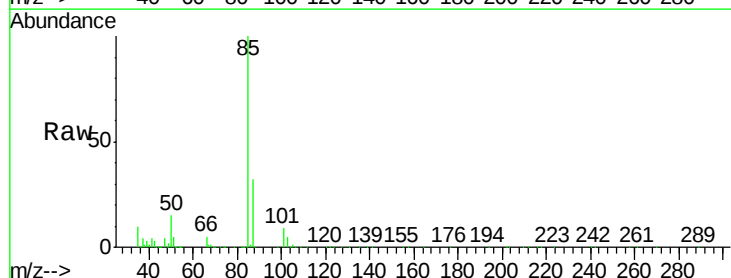
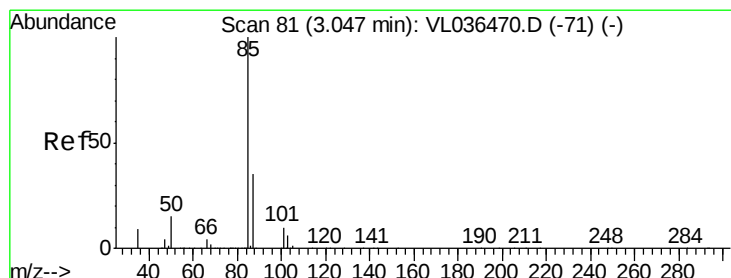
Acq: 2 Apr 2021 11:27

Tgt Ion: 85 Resp: 1814632

Ion Ratio Lower Upper

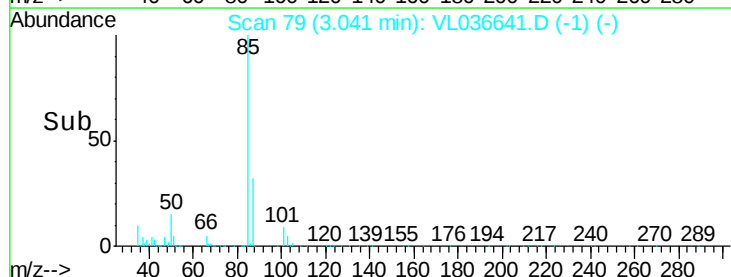
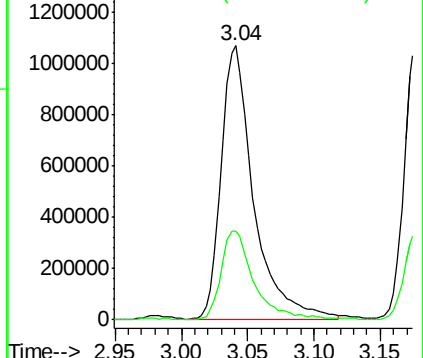
85 100

87 32.2 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





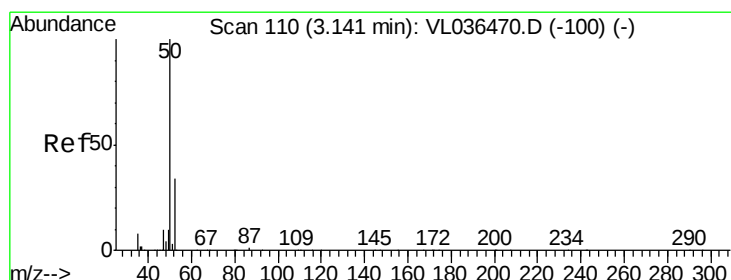
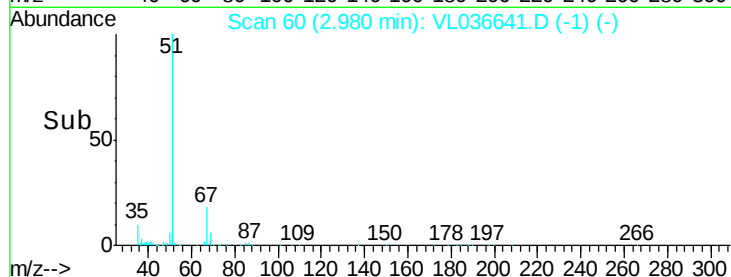
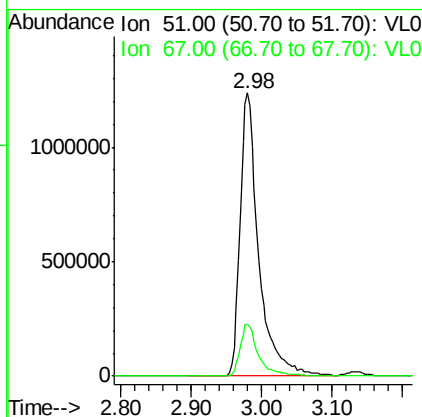
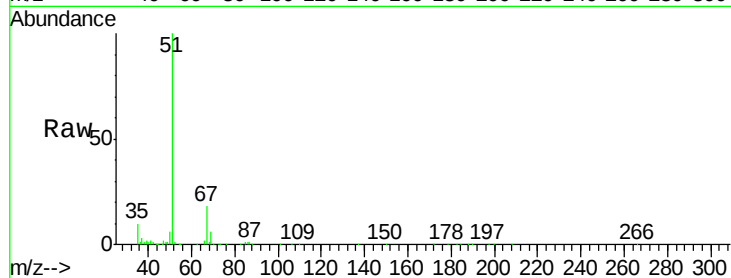
#3
Chlorodifluoromethane
Concen: 8.676 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 51 Resp: 2274393
Ion Ratio Lower Upper
51 100
67 18.4 14.7 22.1

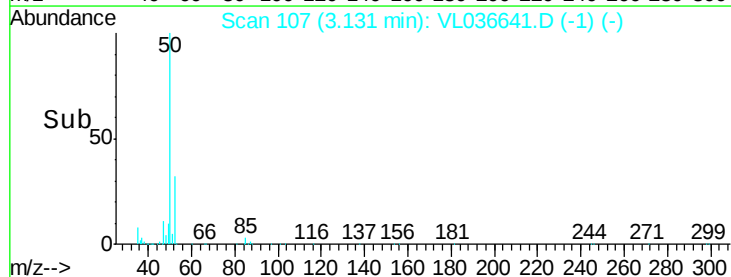
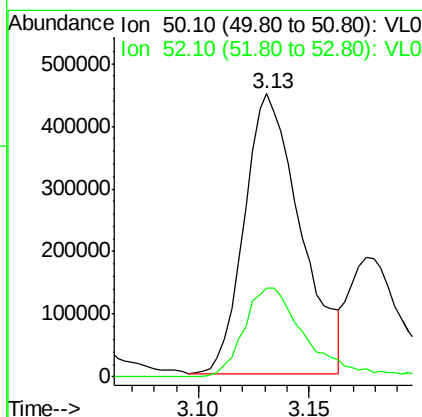
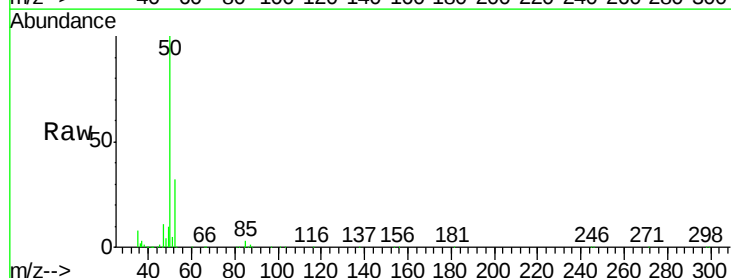
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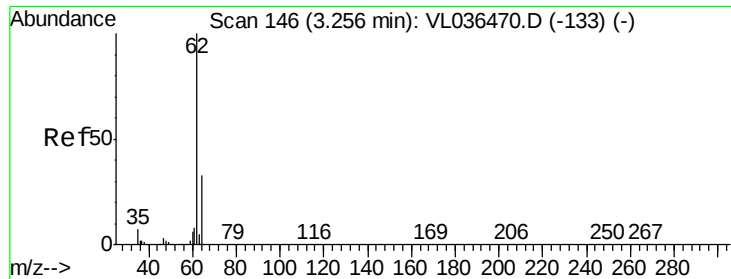
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#4
Chloromethane
Concen: 8.582 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion: 50 Resp: 794620
Ion Ratio Lower Upper
50 100
52 31.9 27.0 40.6





#5

Vinyl Chloride

Concen: 8.449 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.01 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 62 Resp: 804433

Ion Ratio Lower Upper

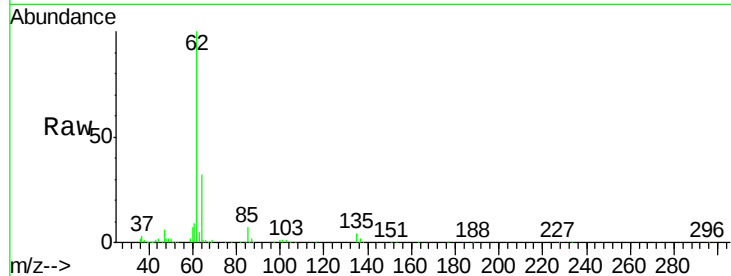
62 100

64 32.1 26.4 39.6

Manual Integrations
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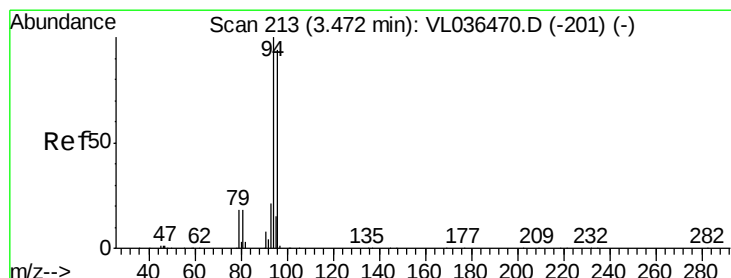
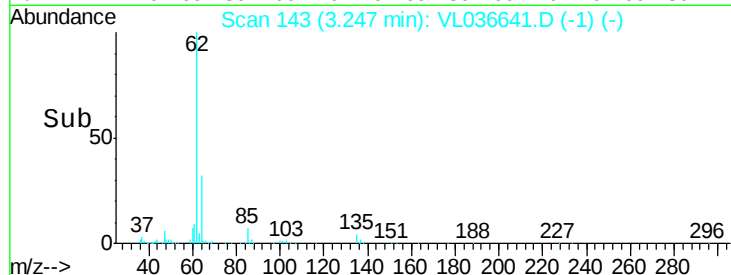
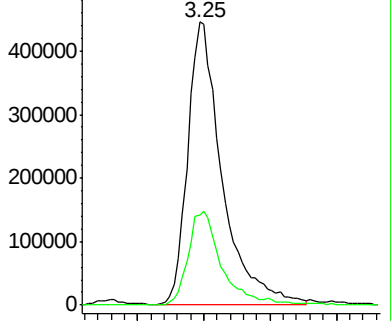
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.658 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.01 min

Lab File: VL036641.D

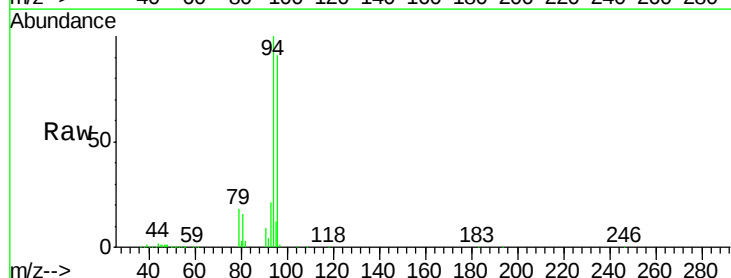
Acq: 2 Apr 2021 11:27

Tgt Ion: 94 Resp: 453845

Ion Ratio Lower Upper

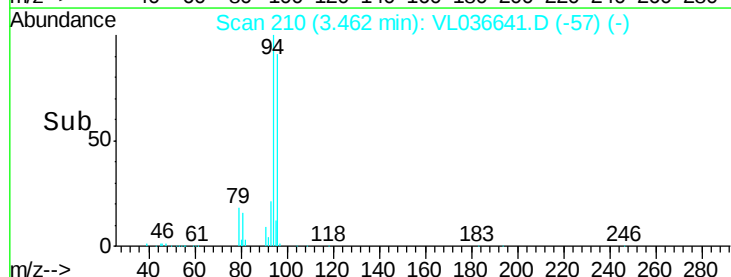
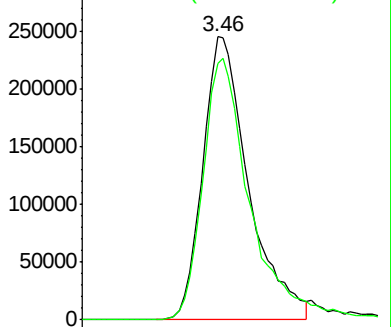
94 100

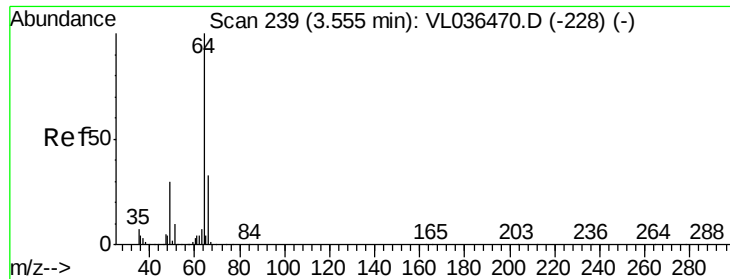
96 90.6 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 8.679 ppbv

RT: 3.55 min Scan# 237

Delta R.T. -0.01 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 64 Resp: 283934

Ion Ratio Lower Upper

64 100

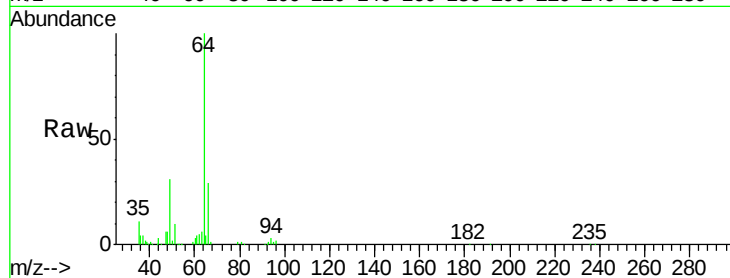
66 29.0 26.2 39.2

Manual Integrations

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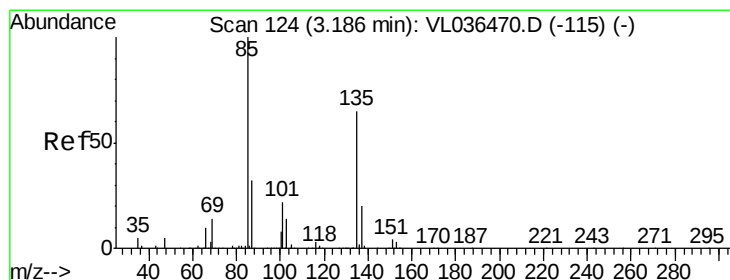
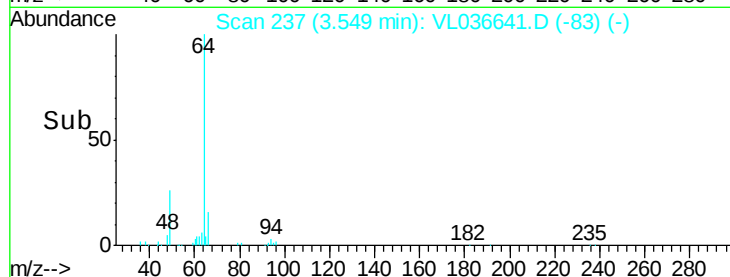
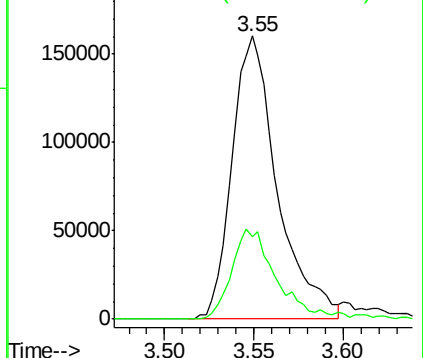
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 8.655 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.01 min

Lab File: VL036641.D

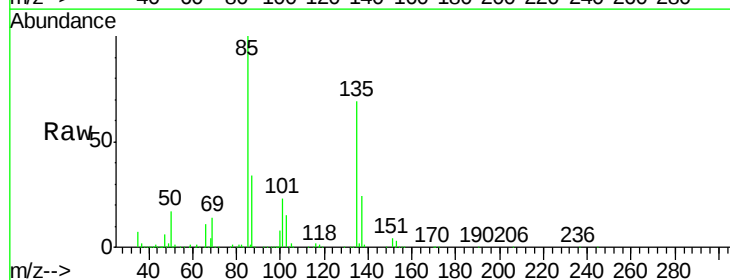
Acq: 2 Apr 2021 11:27

Tgt Ion: 85 Resp: 1890344

Ion Ratio Lower Upper

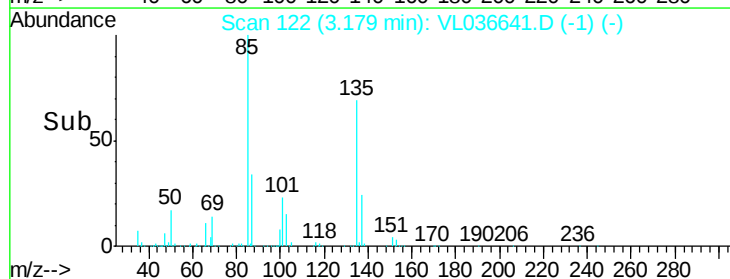
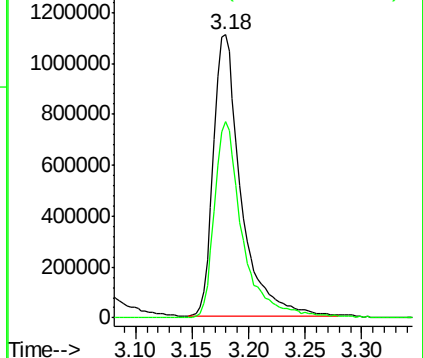
85 100

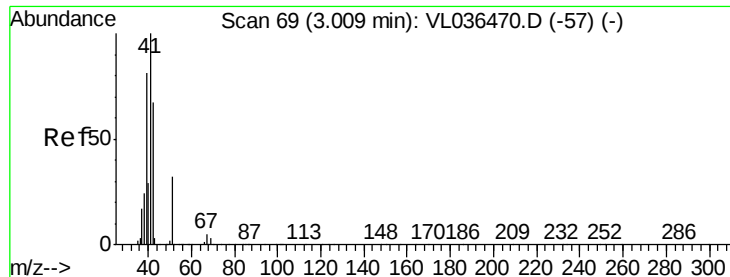
135 71.5 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 9.557 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

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ClientSampleId :

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Tot Ion: 41 Resp: 798647

Ion Ratio Lower Upper

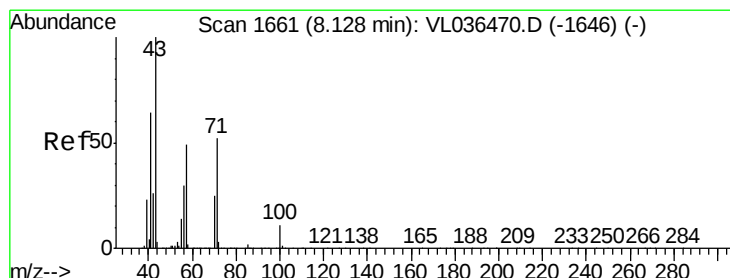
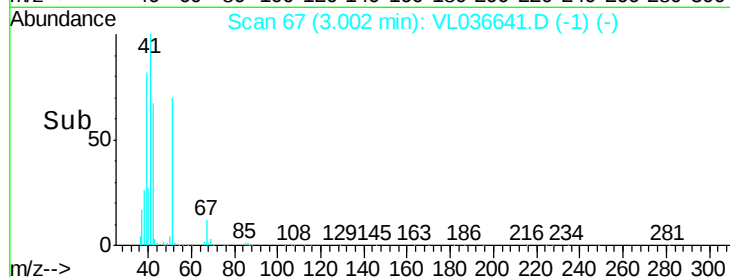
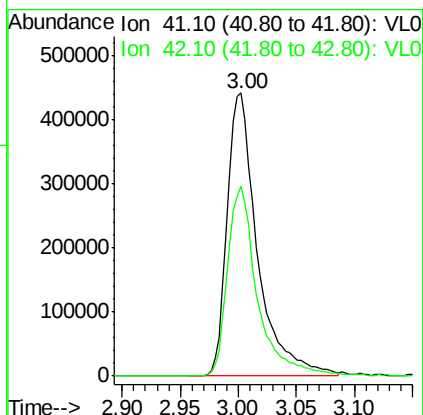
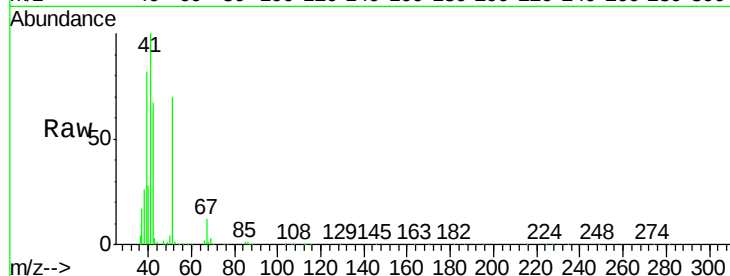
41 100

42 66.4 57.0 85.4

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#10

Heptane

Concen: 9.408 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.02 min

Lab File: VL036641.D

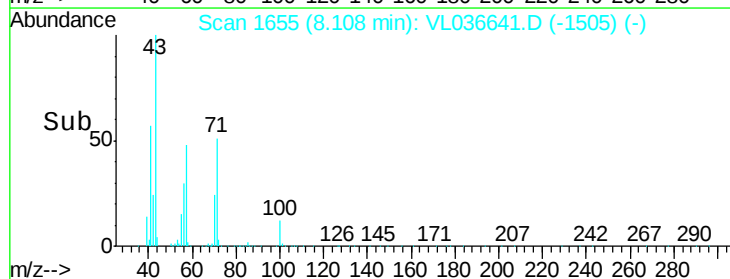
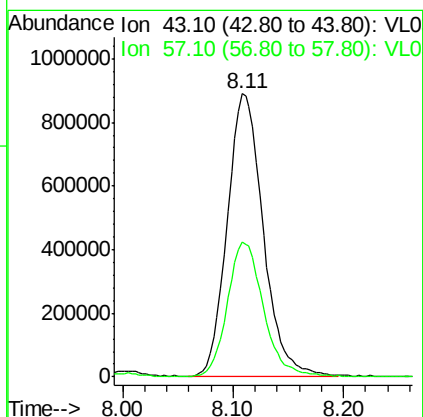
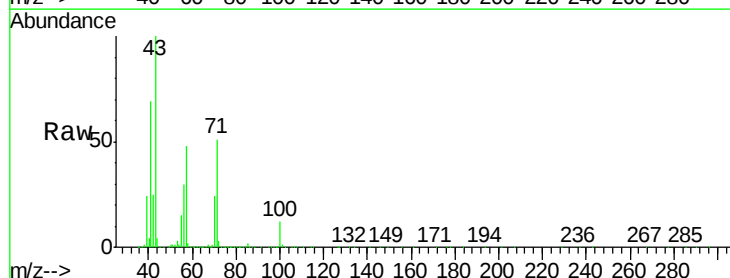
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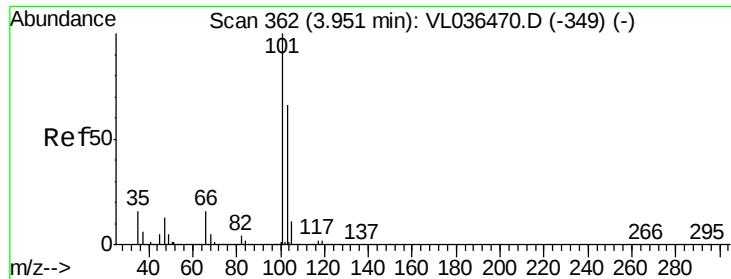
Tgt Ion: 43 Resp: 2002916

Ion Ratio Lower Upper

43 100

57 48.0 39.0 58.6





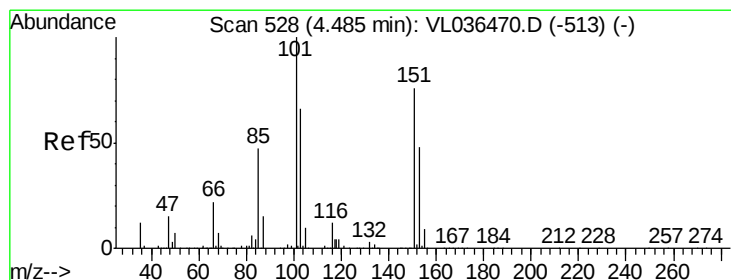
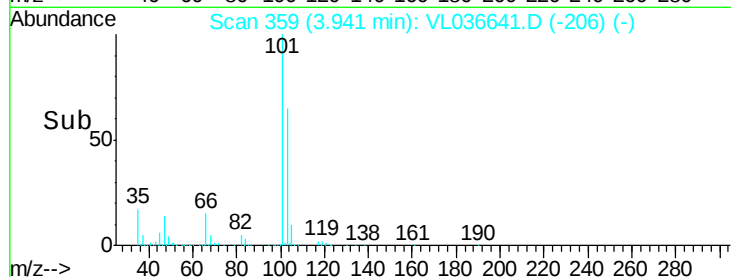
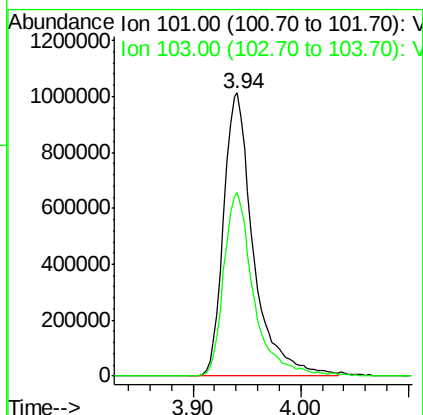
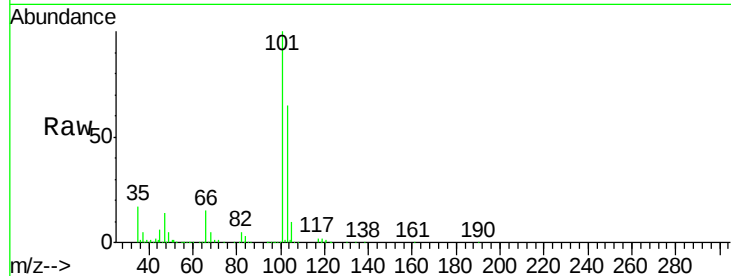
#11
 Trichlorofluoromethane
 Concen: 8.373 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.01 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:101 Resp: 1952761
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.5 78.7

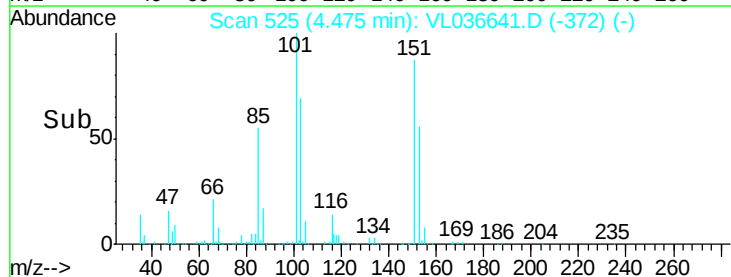
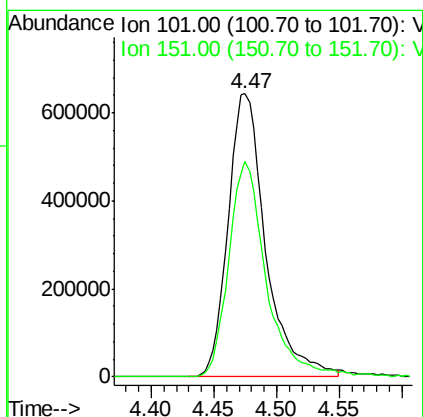
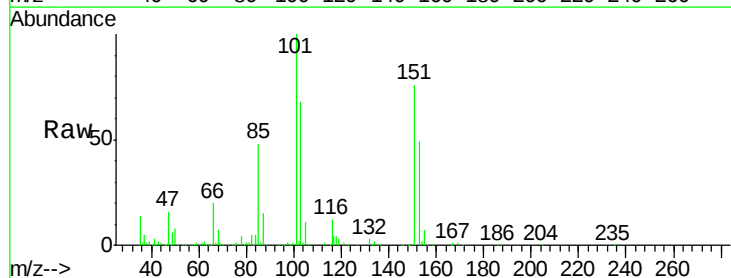
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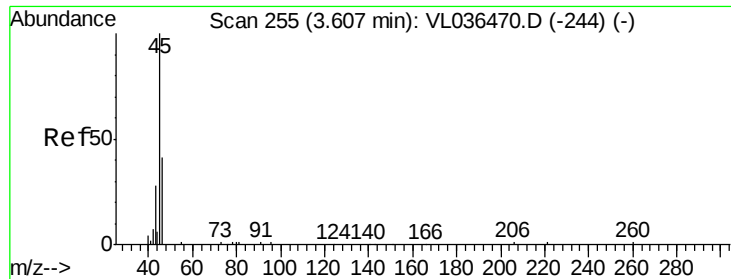
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.019 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion:101 Resp: 1344838
 Ion Ratio Lower Upper
 101 100
 151 76.4 60.9 91.3





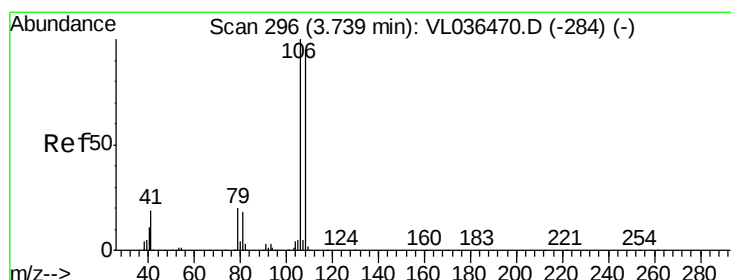
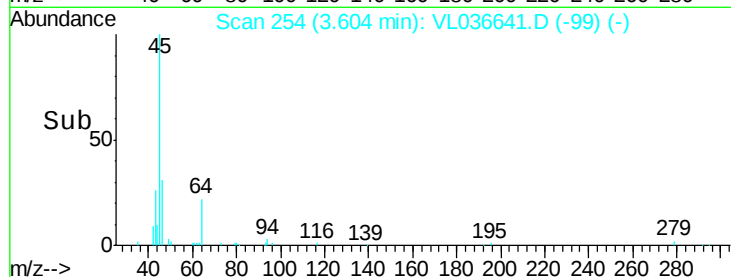
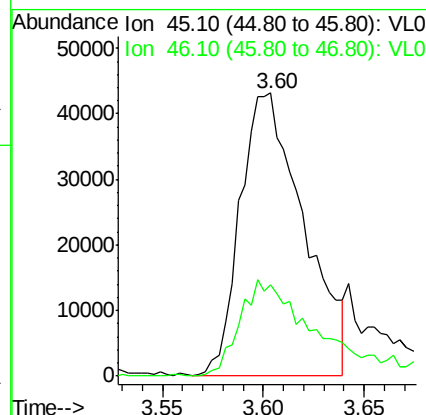
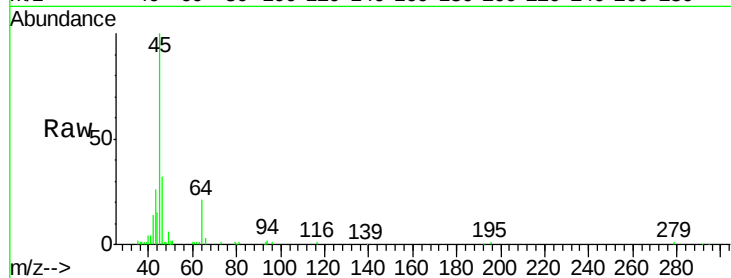
#13
Ethanol
Concen: 9.507 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	45	46	Ratio	100	43.7	Resp	94615	Lower	Upper
45	100								
46		43.7						16.6	66.2

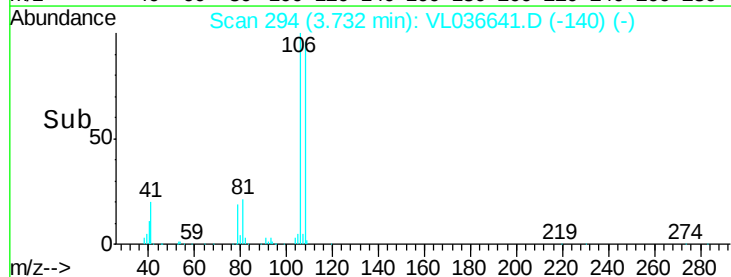
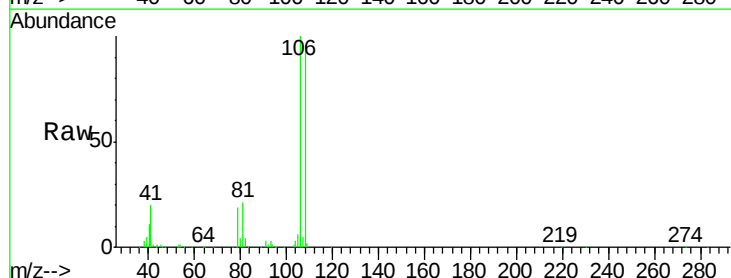
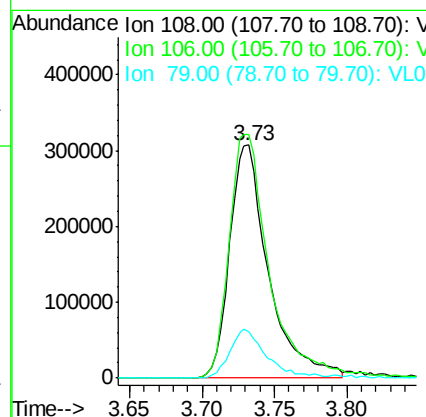
Manual Integrations
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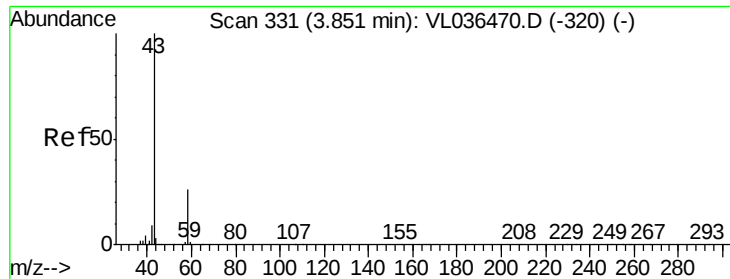
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#14
Bromoethene
Concen: 9.240 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion	108	106	79	Ratio	100	109.6	21.0	Resp	572776	Lower	Upper
108	100										
106		109.6								89.0	133.6
79			21.0							16.6	25.0





#15

Acetone

Concen: 8.076 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 1115188

Ion Ratio Lower Upper

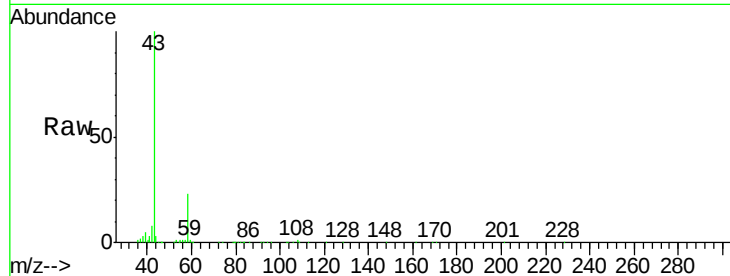
43 100

58 27.7 21.2 31.8

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

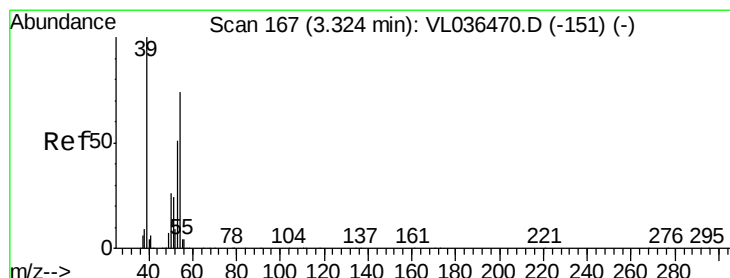
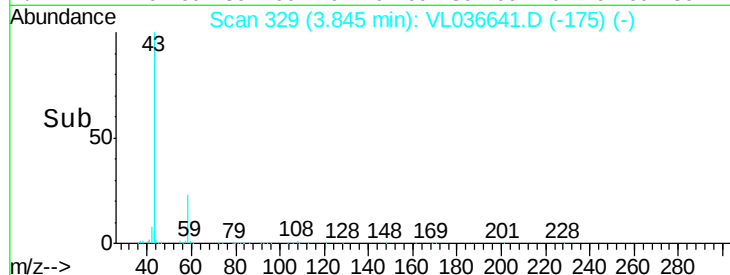
600000

400000

200000

0

Time-->



#16

1,3-Butadiene

Concen: 8.535 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.01 min

Lab File: VL036641.D

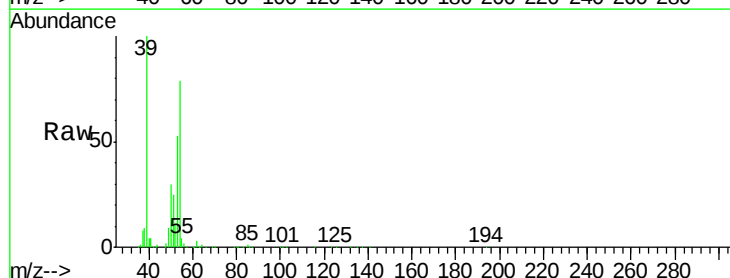
Acq: 2 Apr 2021 11:27

Tgt Ion: 39 Resp: 820599

Ion Ratio Lower Upper

39 100

54 76.0 58.8 88.2



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.32

500000

400000

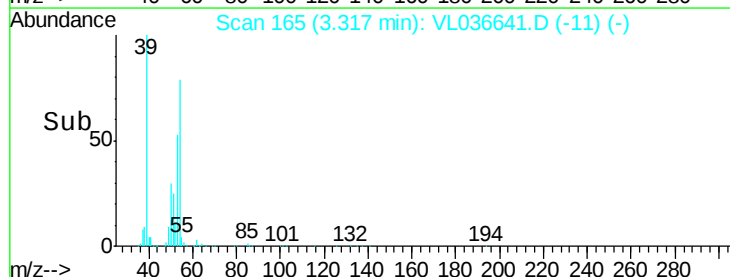
300000

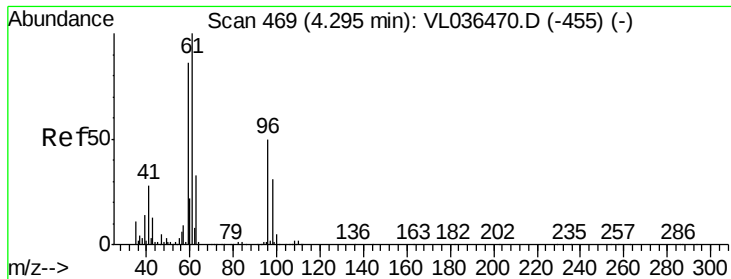
200000

100000

0

Time-->





#17

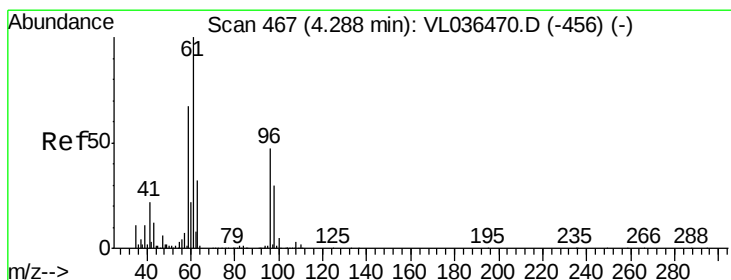
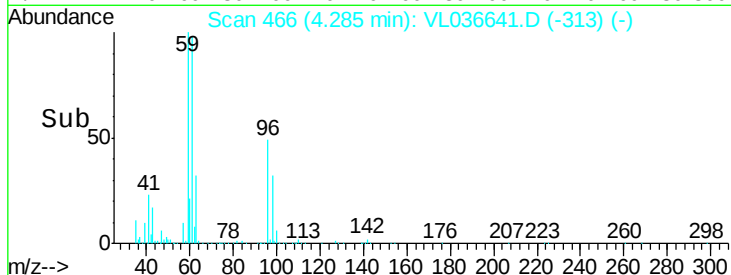
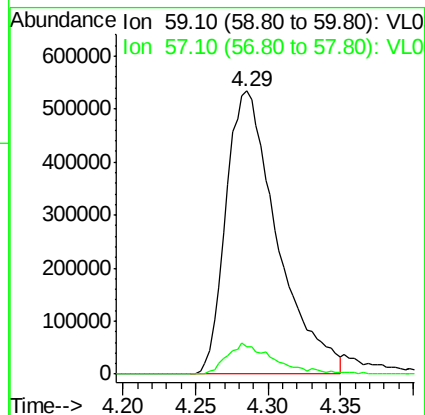
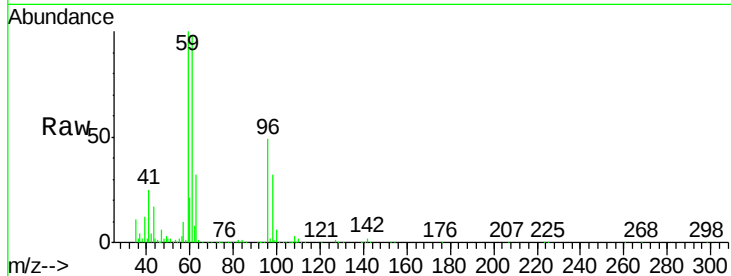
tert-Butyl alcohol
 Concen: 10.904 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 59 Resp: 1310794
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 12.8

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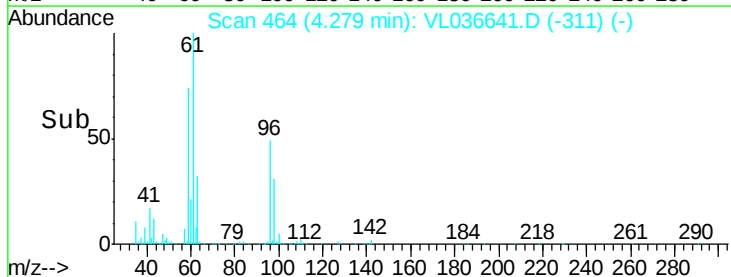
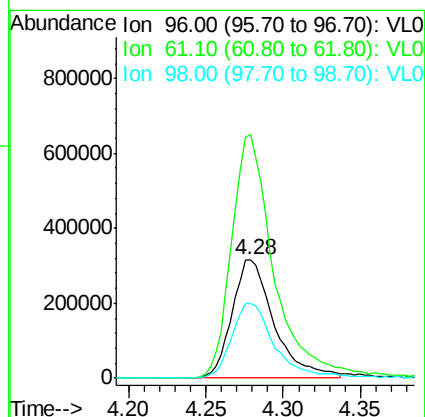
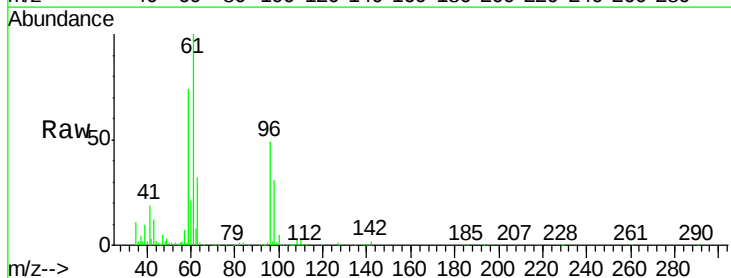
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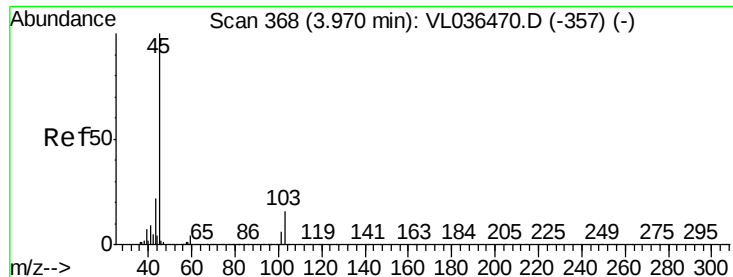


#18

1,1-Dichloroethene
 Concen: 9.005 ppbv
 RT: 4.28 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion: 96 Resp: 597225
 Ion Ratio Lower Upper
 96 100
 61 205.3 168.6 253.0
 98 62.7 50.8 76.2





#19

Isopropyl Alcohol

Concen: 9.932 ppbv

RT: 3.96 min Scan# 366

Delta R.T. -0.01 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 45 Resp: 754439

Ion Ratio Lower Upper

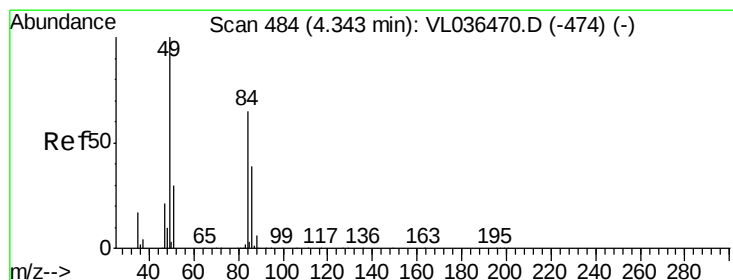
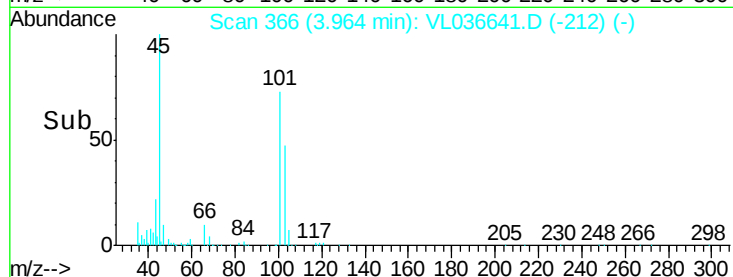
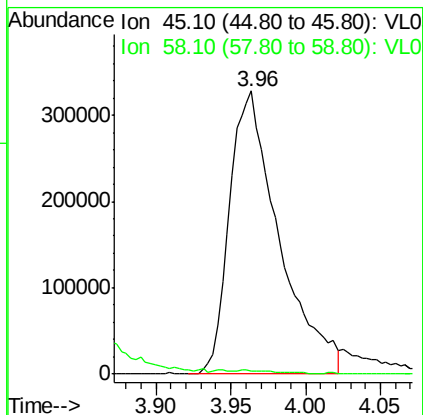
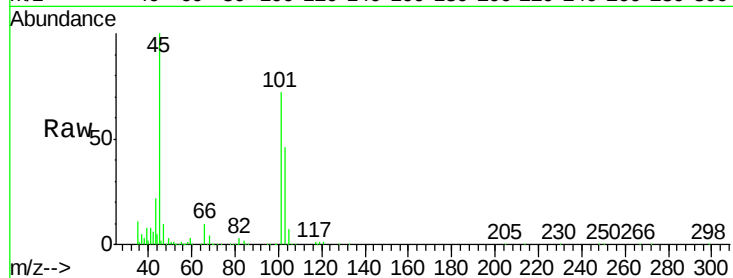
45 100

58 1.8 2.9 4.3#

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#20

Methylene Chloride

Concen: 7.923 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Tgt Ion: 84 Resp: 512265

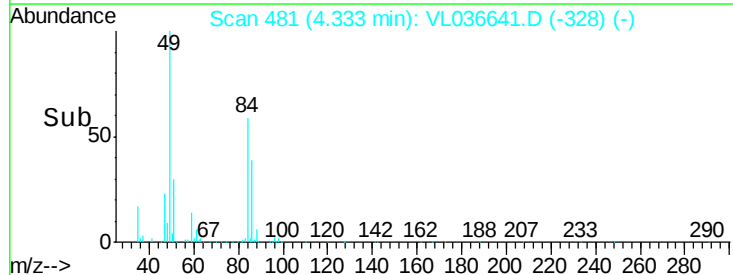
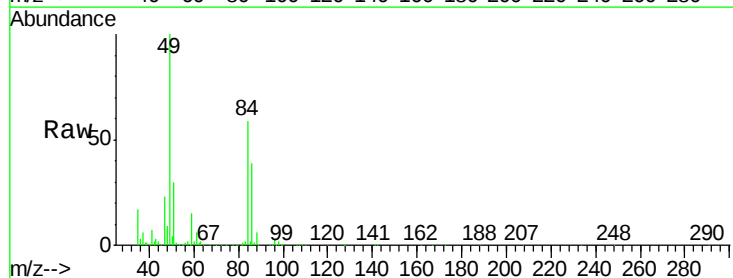
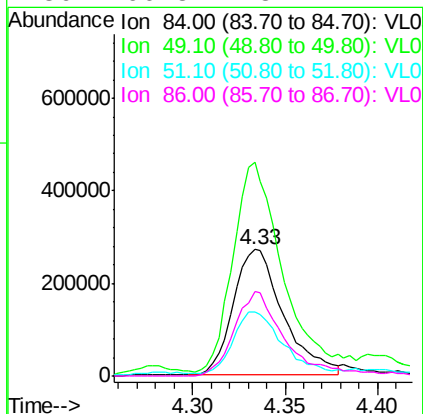
Ion Ratio Lower Upper

84 100

49 166.9 122.9 184.3

51 49.5 36.9 55.3

86 66.8 48.2 72.4





#21

Allvl Chloride

Concen: 9.410 ppbv

RT: 4.40 min Scan# 502

Delta R.T. -0.01 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

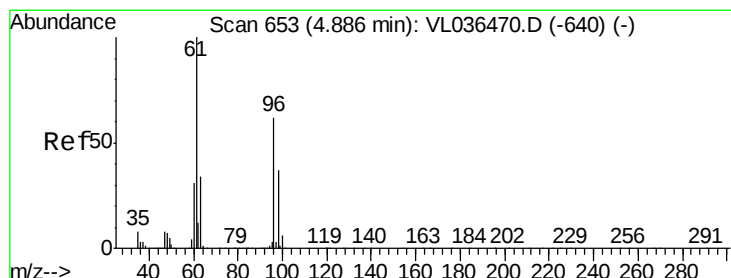
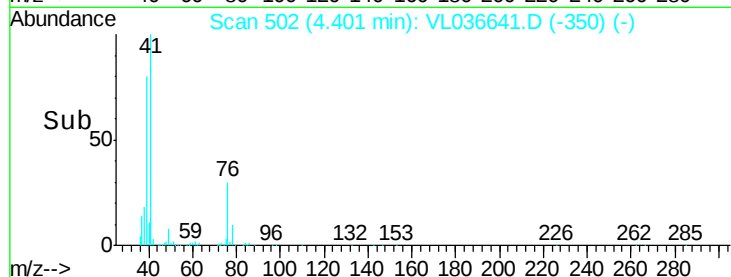
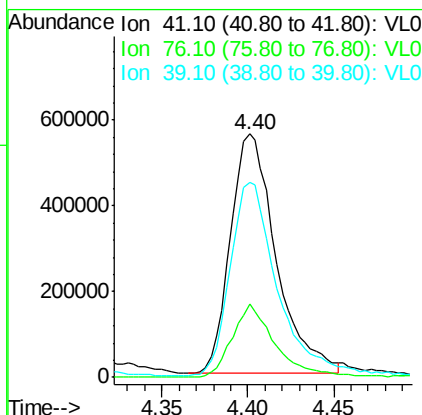
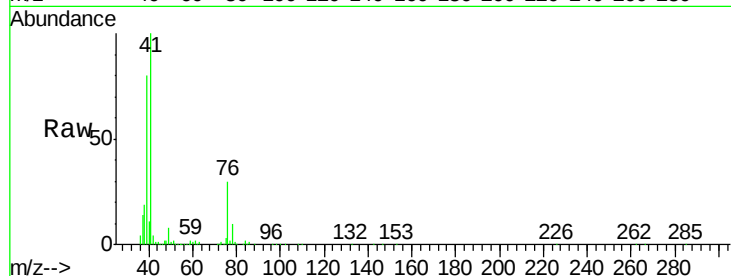
ClientSampleId :

VSTDCCC010

Tot Ion:	41	Resp:	1035920
Ion	Ratio	Lower	Upper
41	100		
76	29.4	22.9	34.3
39	85.0	67.3	100.9

Manual Integrations
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#22

trans-1,2-Dichloroethene

Concen: 9.736 ppbv

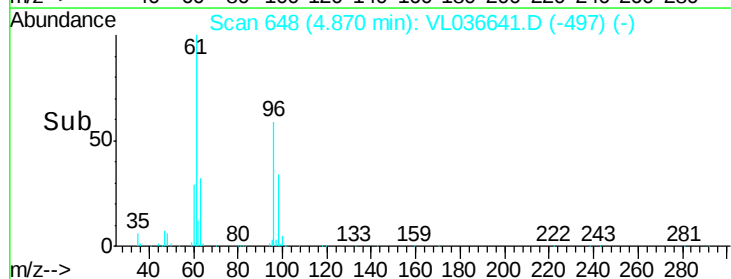
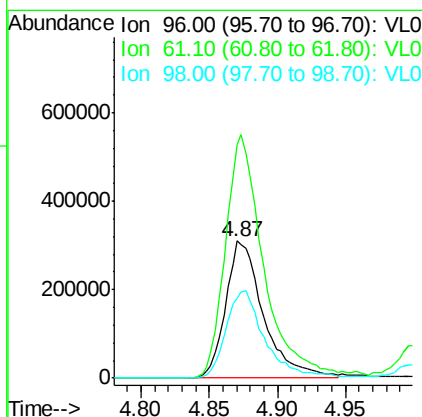
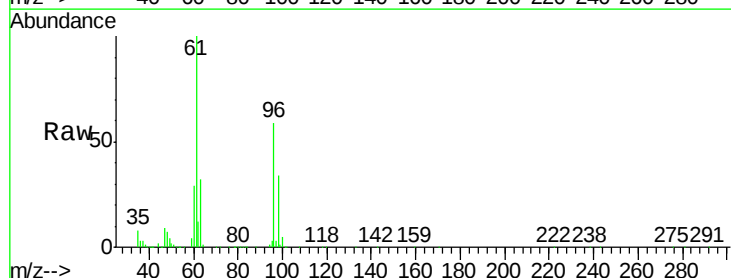
RT: 4.87 min Scan# 648

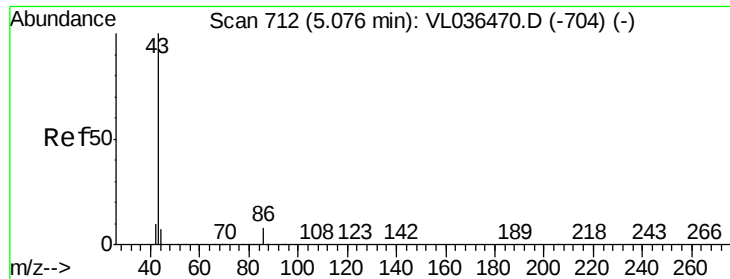
Delta R.T. -0.02 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Tgt Ion:	96	Resp:	598642
Ion	Ratio	Lower	Upper
96	100		
61	170.7	129.4	194.0
98	58.8	48.2	72.4





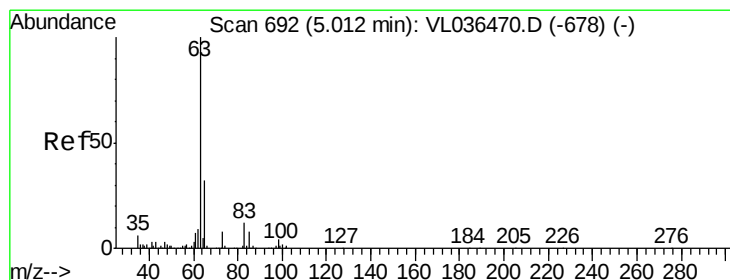
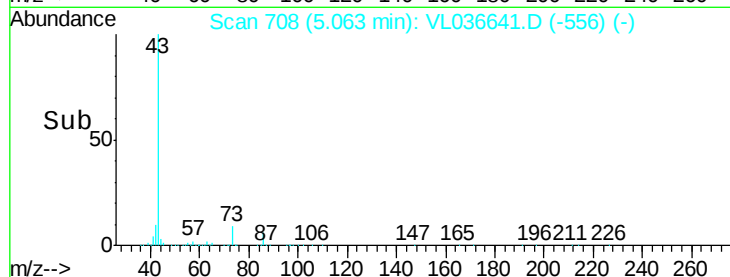
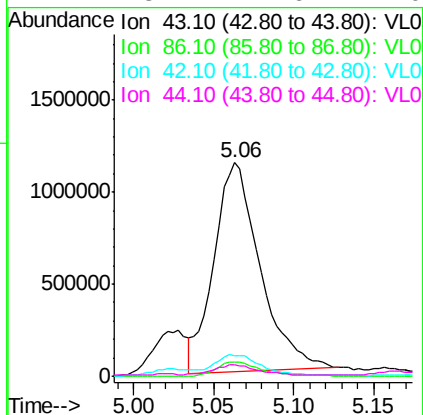
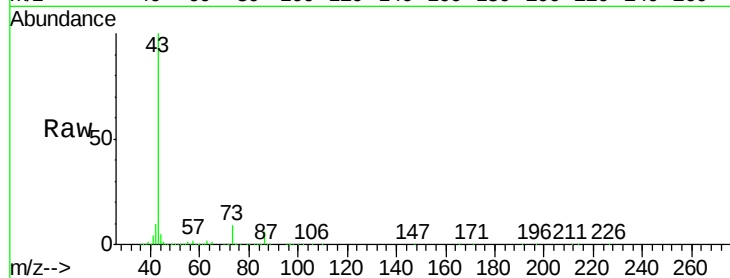
#23
 Vinyl Acetate
 Concen: 9.540 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:	43	Resp:	2253384
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.4	8.0
42	9.5	8.5	12.7
44	5.1	4.6	7.0

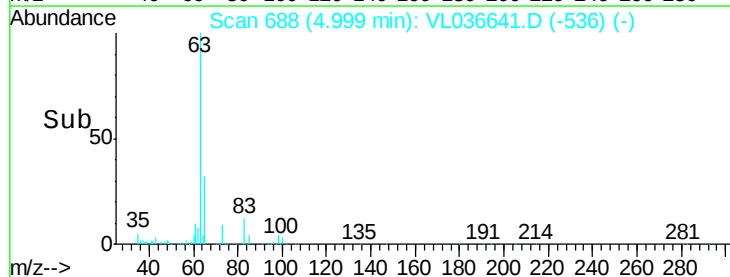
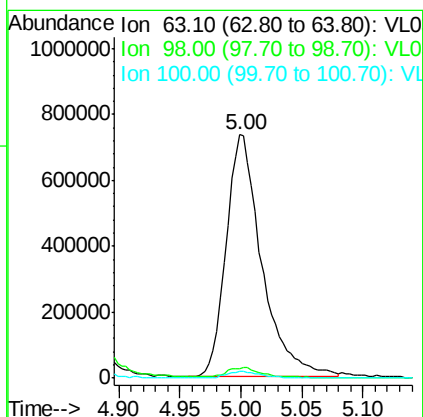
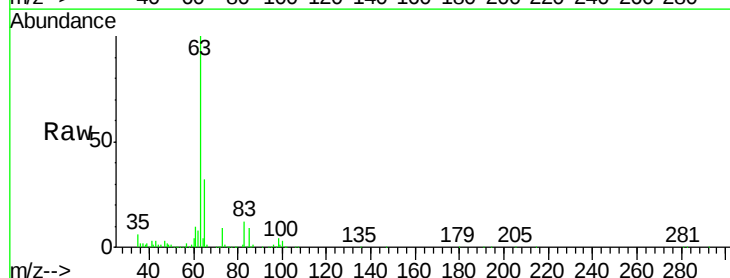
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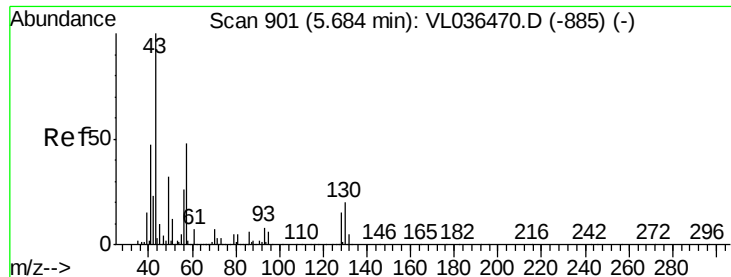
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#24
 1,1-Dichloroethane
 Concen: 8.715 ppbv
 RT: 5.00 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion:	63	Resp:	1500582
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.2
100	2.7	0.9	2.8





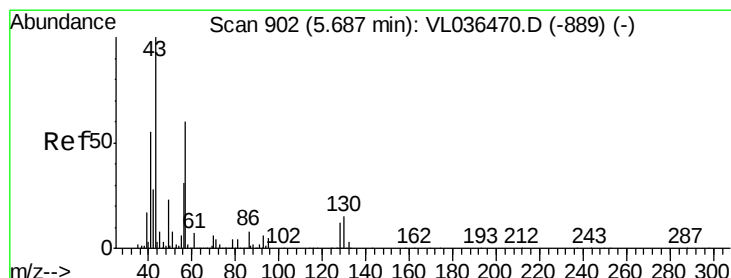
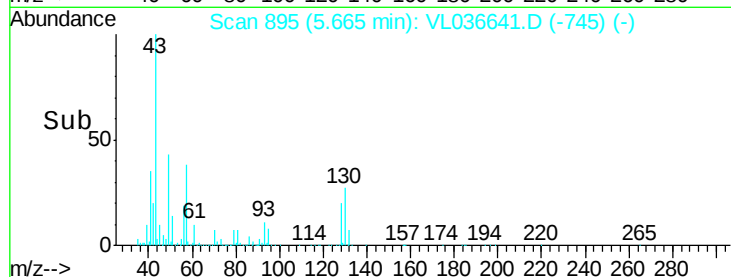
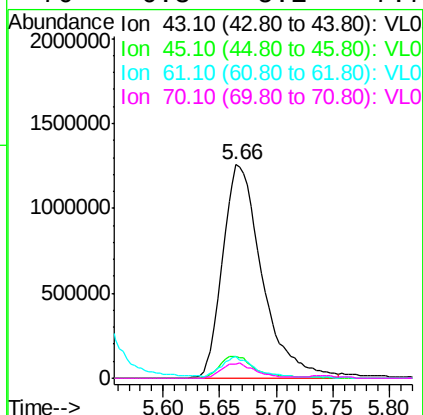
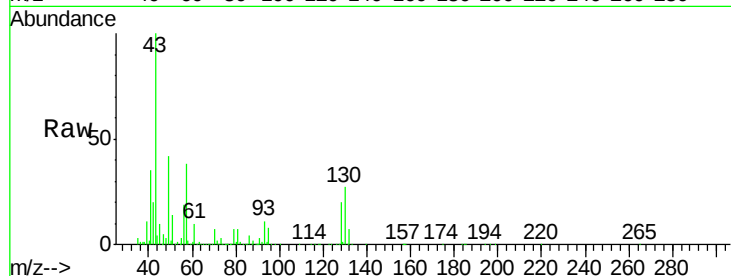
#25
Ethyl Acetate
Concen: 9.246 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.9	11.9
61	9.4	7.4	11.2
70	6.3	5.1	7.7

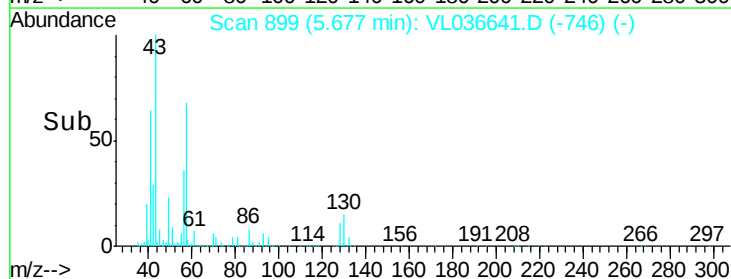
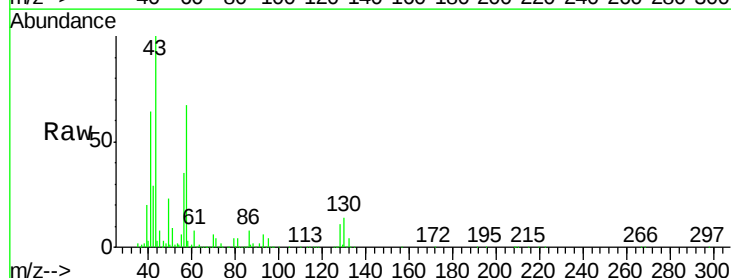
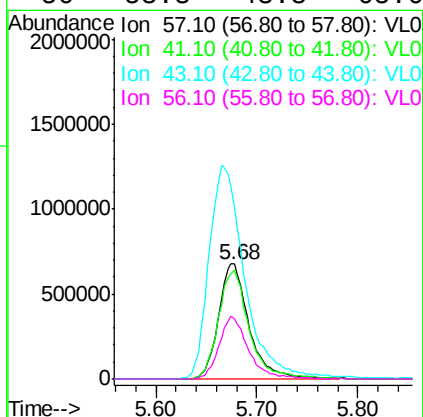
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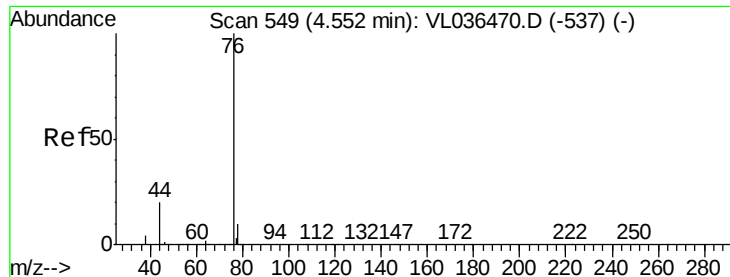
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#26
Hexane
Concen: 9.335 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
57	100		
41	96.6	77.2	115.8
43	218.2	173.8	260.6
56	53.3	43.8	65.6





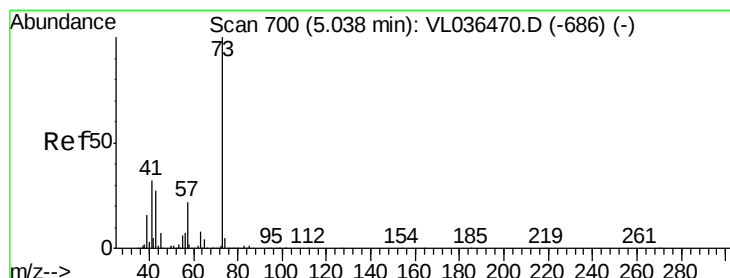
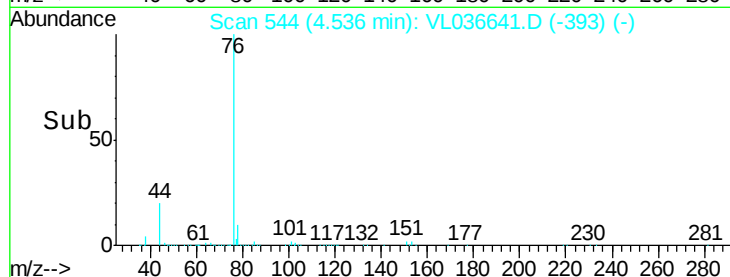
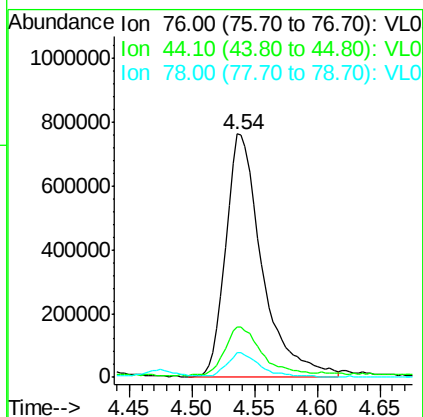
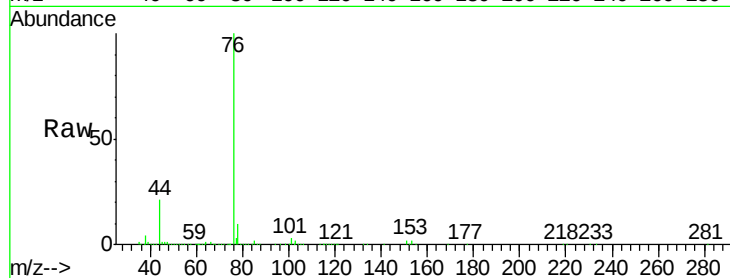
#27
Carbon Disulfide
Concen: 10.226 ppbv
RT: 4.54 min Scan# 544
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
76	100		
44	22.0	17.5	26.3
78	10.0	8.6	13.0

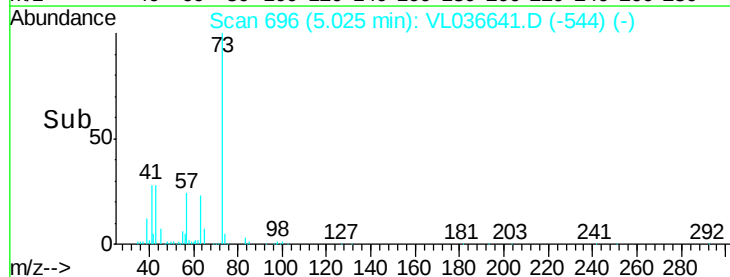
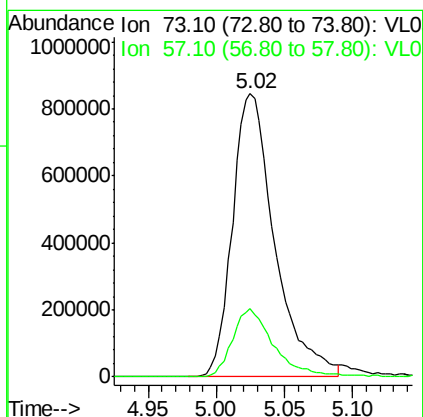
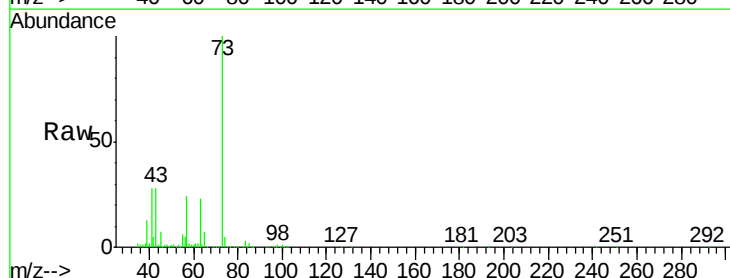
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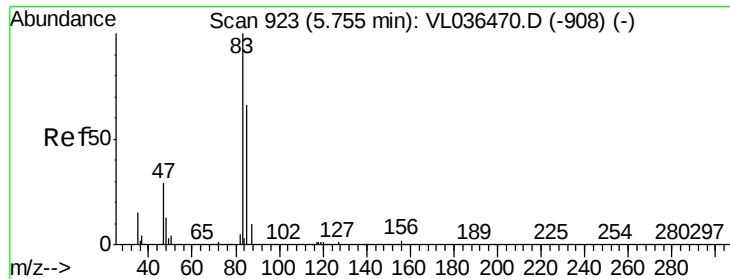
apatel
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#28
Methyl tert-Butyl Ether
Concen: 10.125 ppbv
RT: 5.02 min Scan# 696
Delta R.T. -0.01 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.5	27.7





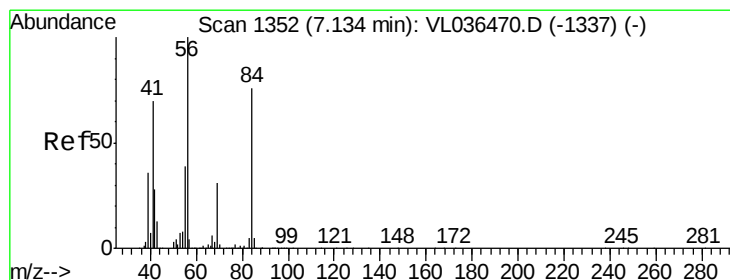
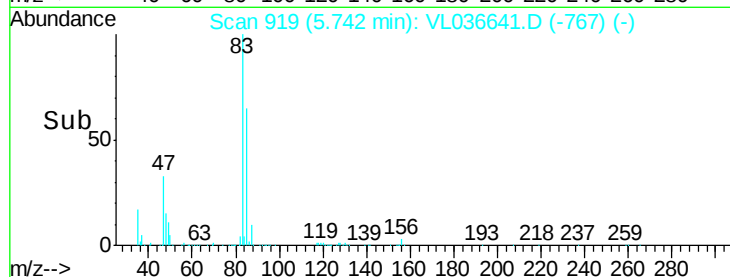
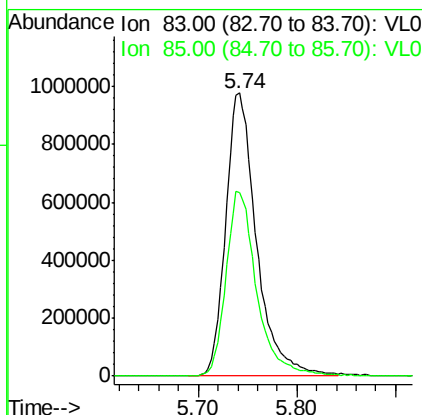
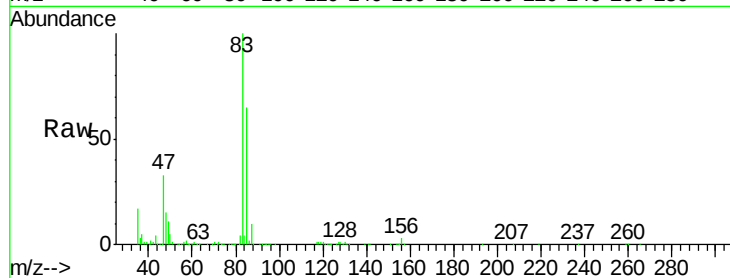
#29
Chloroform
Concen: 8.783 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 2139909
Ion Ratio Lower Upper
83 100
85 64.8 52.6 78.8

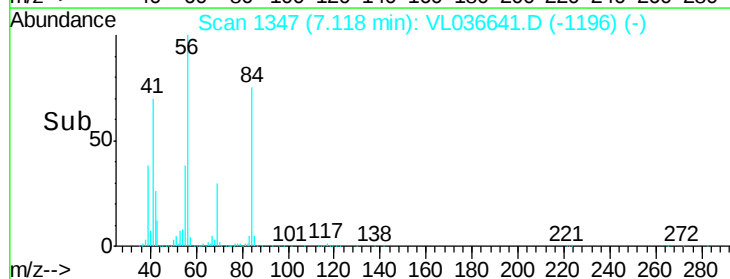
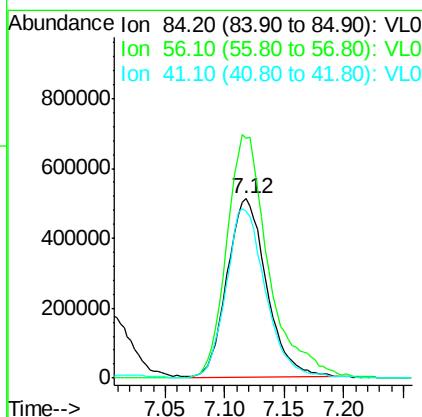
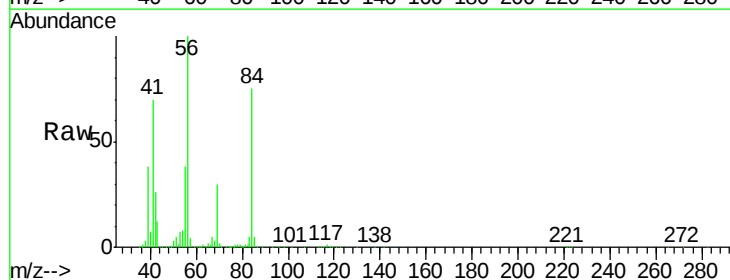
Manual Integrations
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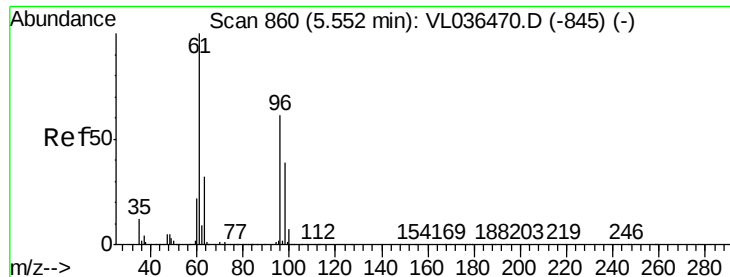
apatel
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#30
Cyclohexane
Concen: 9.504 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion: 84 Resp: 1174277
Ion Ratio Lower Upper
84 100
56 146.0 114.6 171.8
41 95.0 75.3 112.9





#31

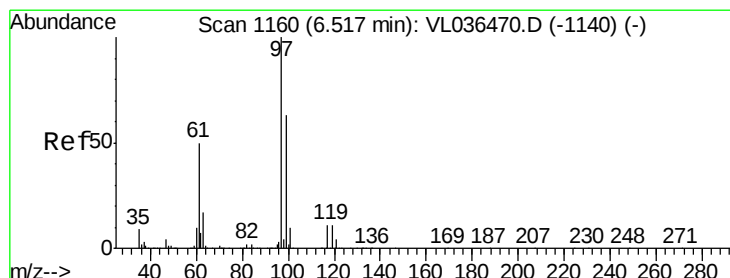
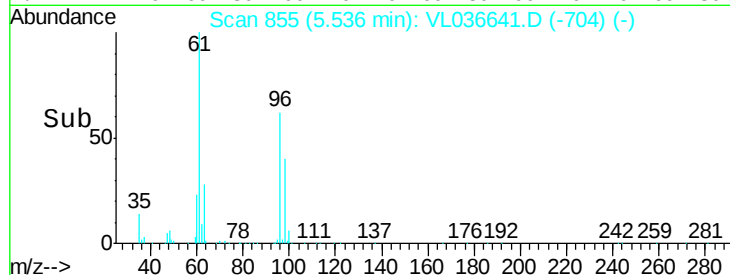
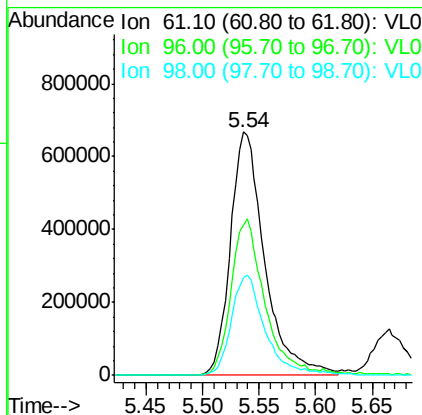
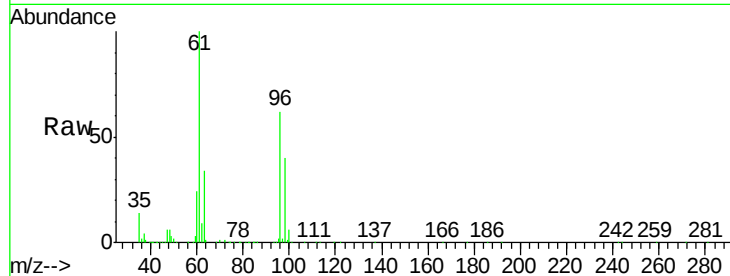
cis-1,2-Dichloroethene
 Concen: 9.578 ppbv
 RT: 5.54 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	61.8	48.7	73.1
98	39.9	31.4	47.0

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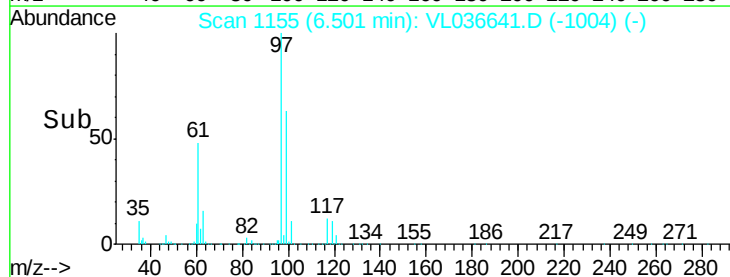
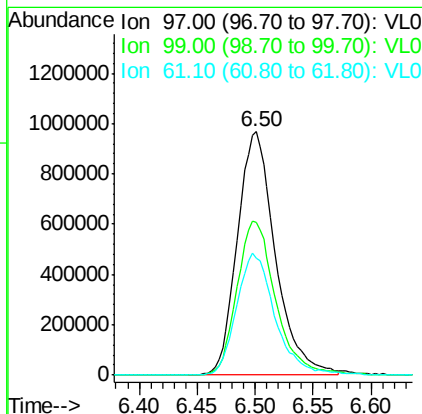
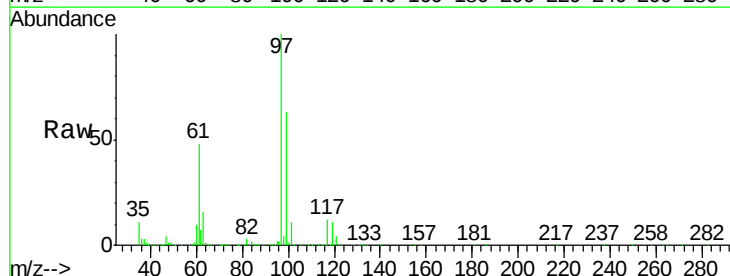
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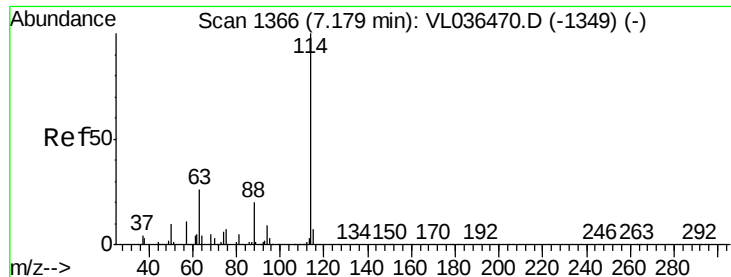


#32

1,1,1-Trichloroethane
 Concen: 9.004 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	50.6	40.6	60.8





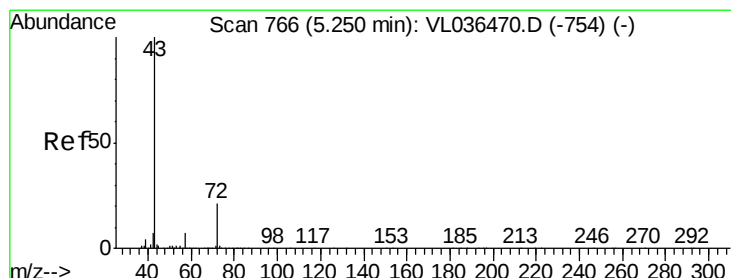
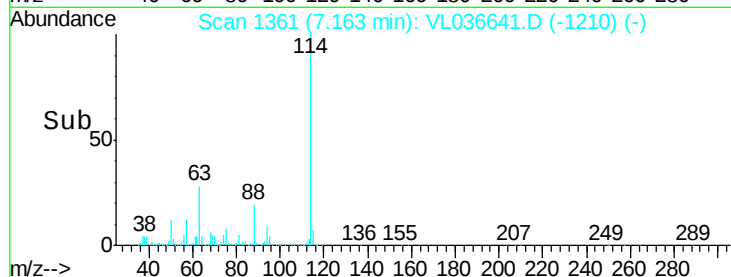
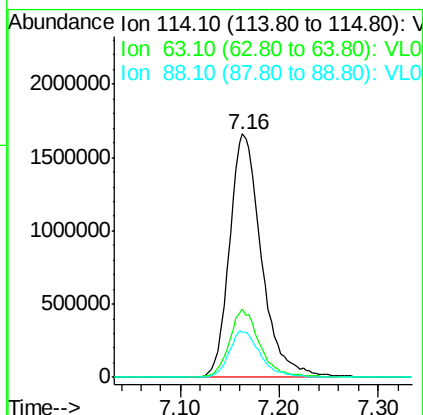
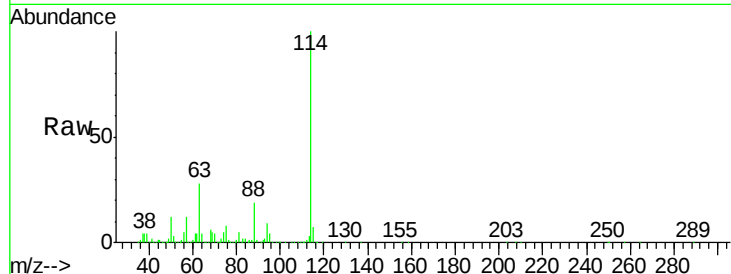
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	18.8	15.4	23.0

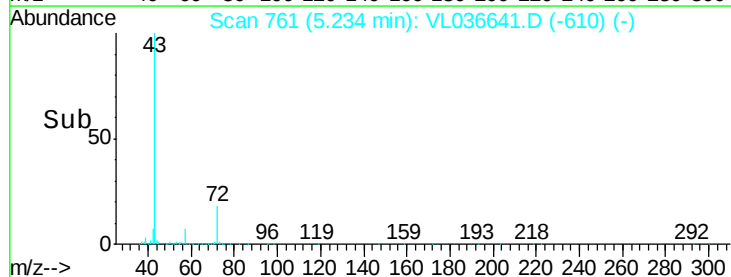
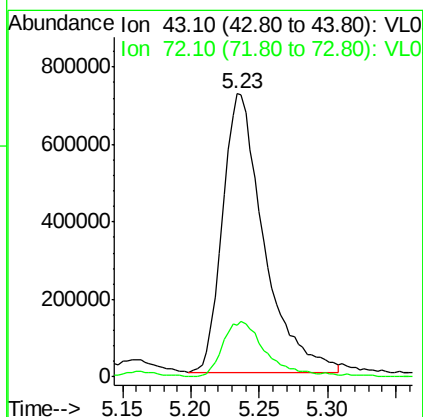
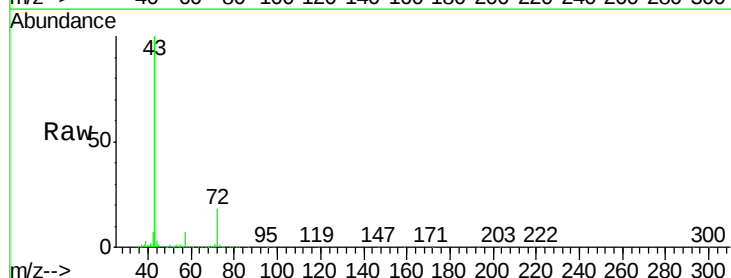
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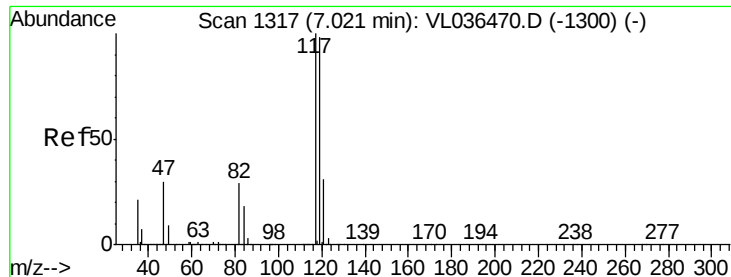
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#34
 2-Butanone
 Concen: 8.292 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.2	17.0	25.6





#35

Carbon Tetrachloride

Concen: 7.972 ppbv

RT: 7.01 min Scan# 1313

Delta R.T. -0.01 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

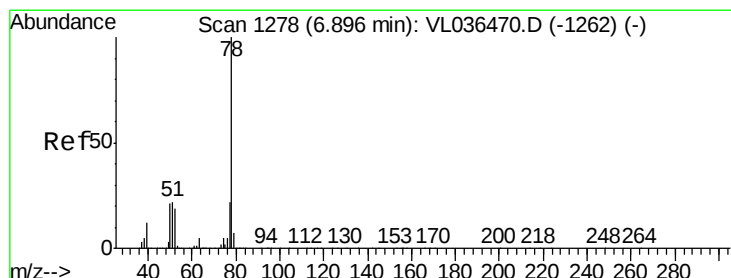
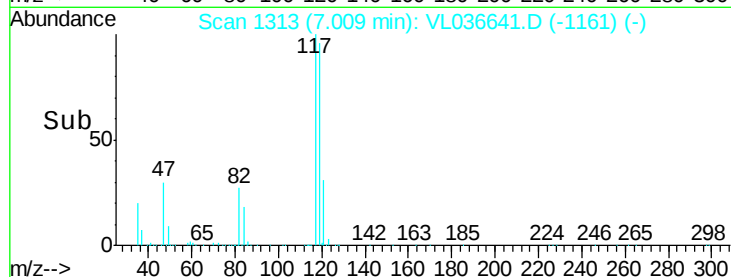
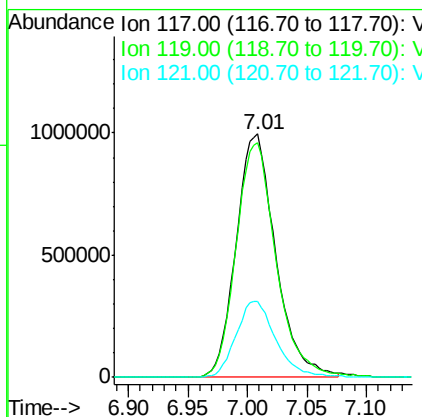
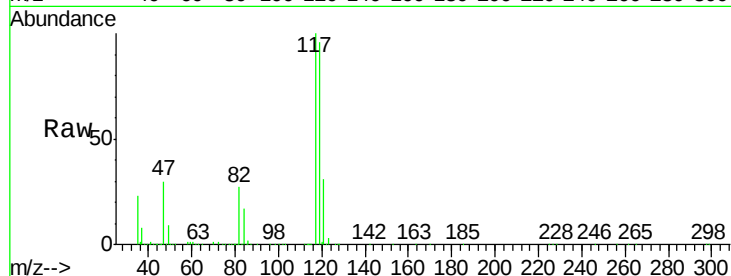
ClientSampleId :

VSTDCCC010

Tot Ion:	117	Resp:	2293541
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.2
121	30.9	24.5	36.7

Manual Integrations
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#36

Benzene

Concen: 8.285 ppbv

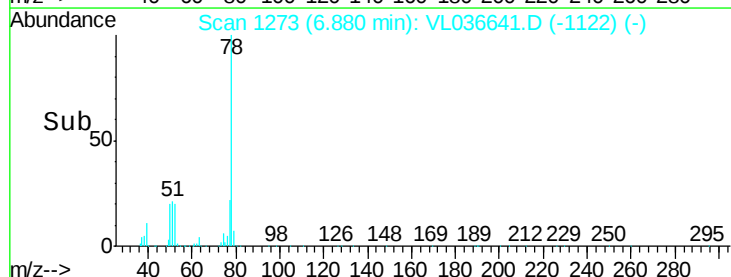
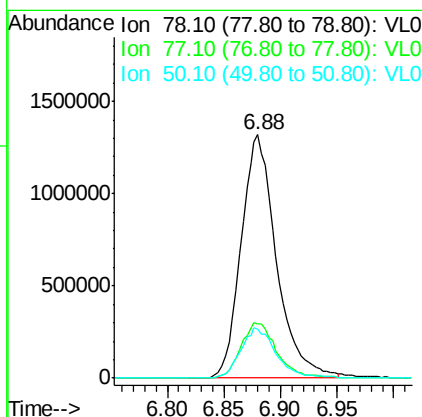
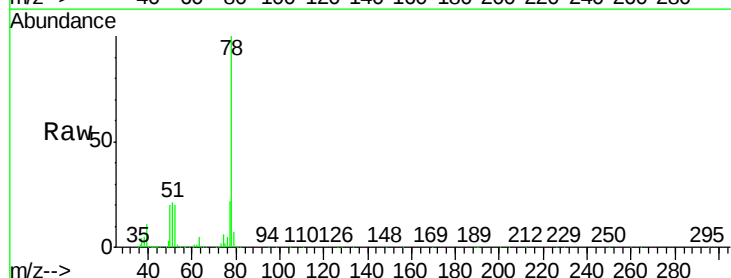
RT: 6.88 min Scan# 1273

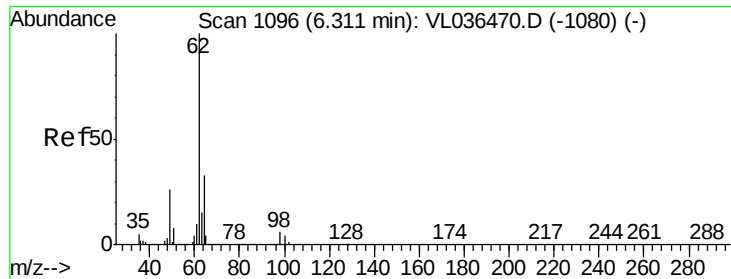
Delta R.T. -0.02 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Tgt Ion:	78	Resp:	2862176
Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.0	27.0
50	20.4	16.5	24.7





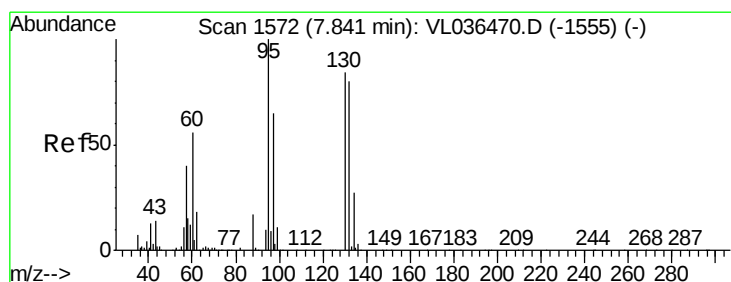
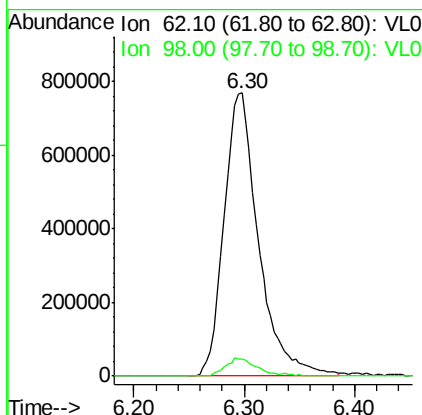
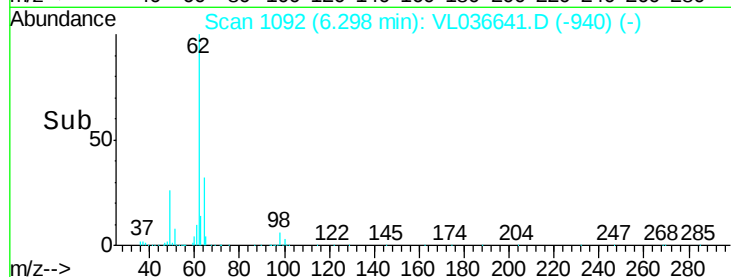
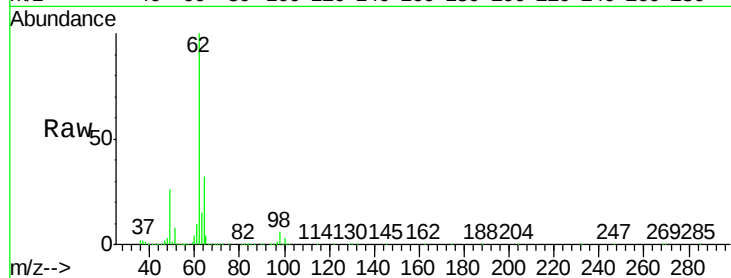
#37
 1,2-Dichloroethane
 Concen: 8.216 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 62 Resp: 1670627
 Ion Ratio Lower Upper
 62 100
 98 5.9 4.9 7.3

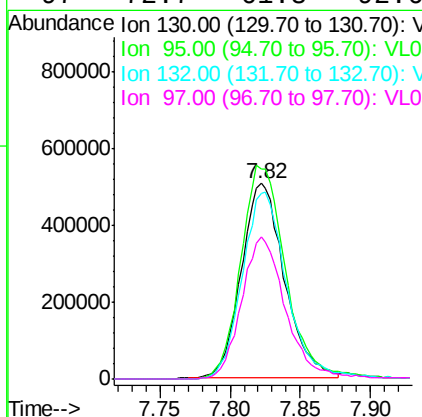
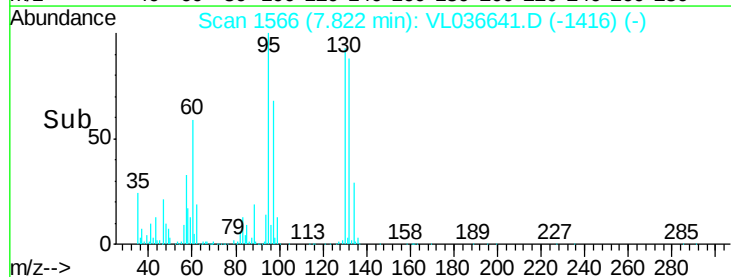
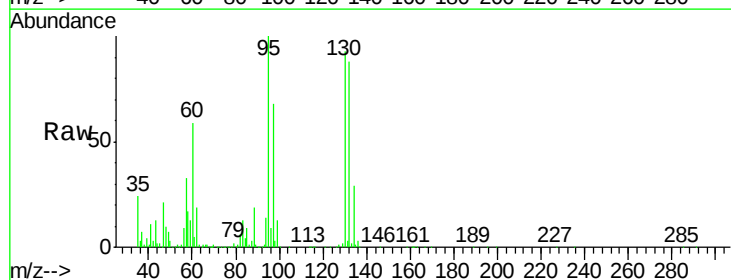
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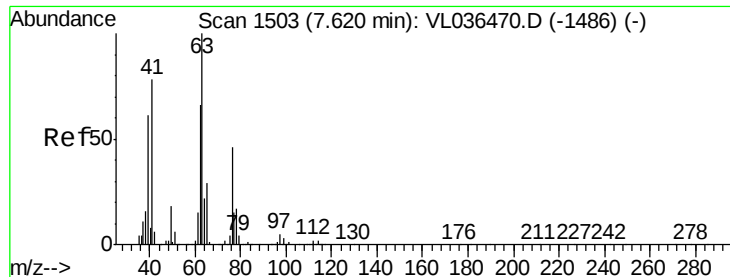
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#38
 Trichloroethene
 Concen: 8.093 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion: 130 Resp: 1088137
 Ion Ratio Lower Upper
 130 100
 95 107.7 95.7 143.5
 132 95.1 76.2 114.4
 97 72.7 61.8 92.6





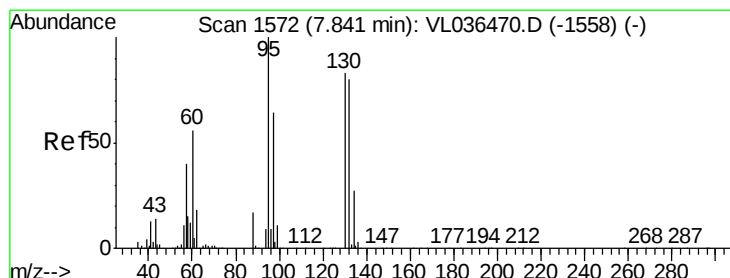
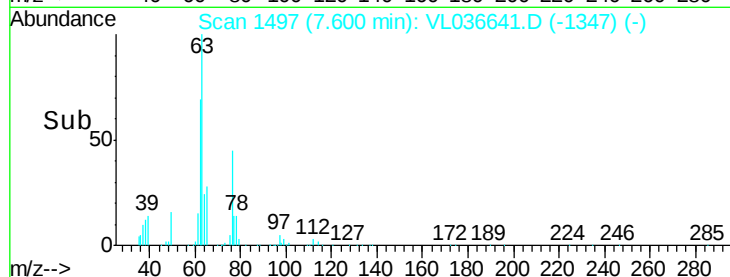
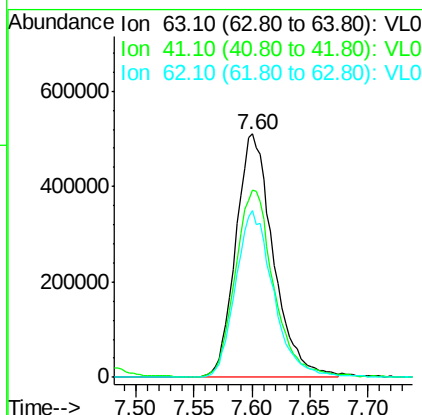
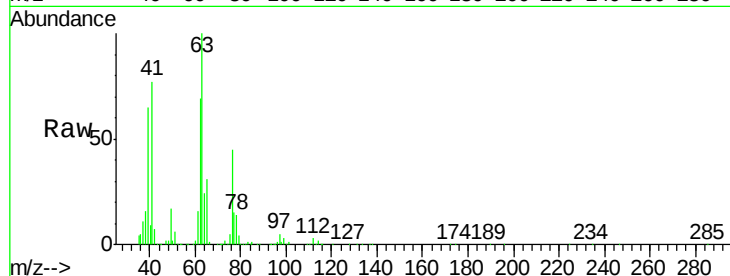
#39
 1,2-Dichloropropane
 Concen: 8.170 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
63	100		
41	76.9	62.4	93.6
62	68.4	52.8	79.2

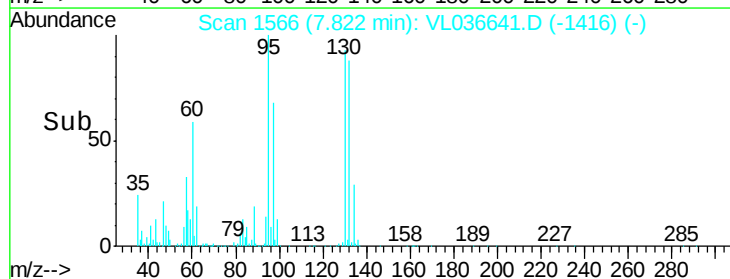
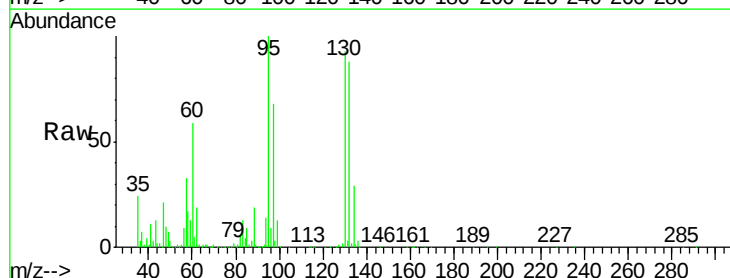
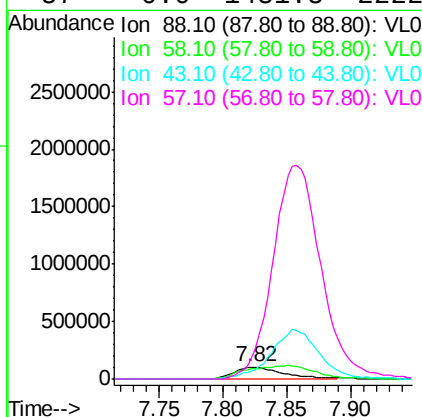
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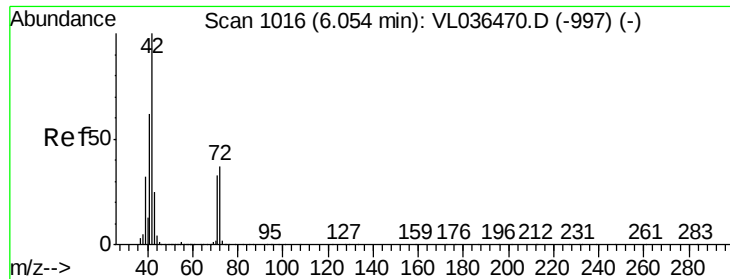
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#40
 1,4-Dioxane
 Concen: 8.508 ppbv m
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	134.1	201.1#
43	0.0	346.6	520.0#
57	0.0	1481.8	2222.8#





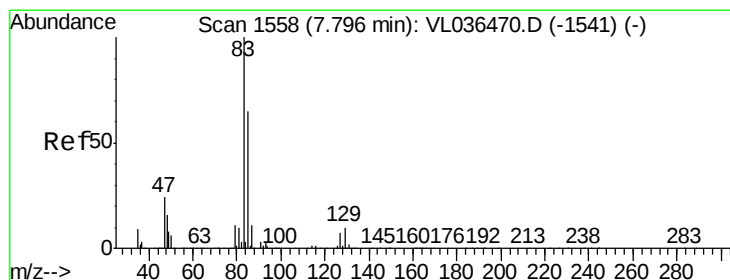
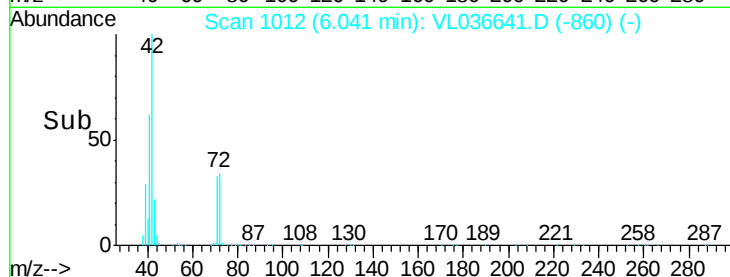
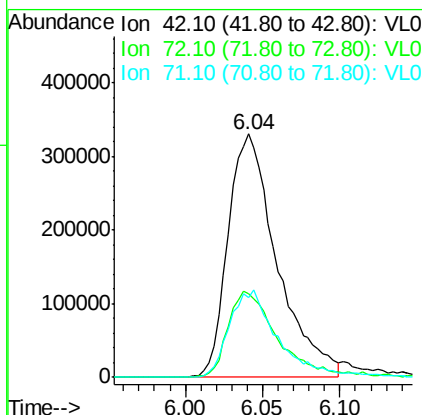
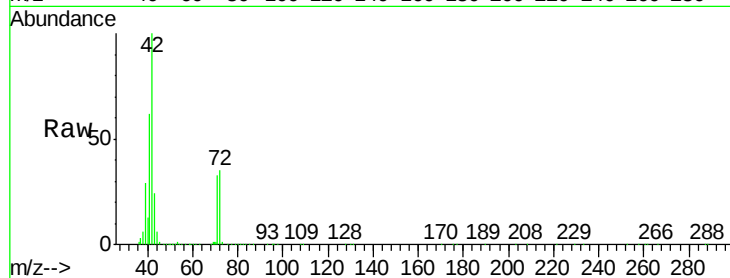
#41
Tetrahydrofuran
Concen: 8.595 ppbv
RT: 6.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.4	27.6	41.4
71	36.5	27.0	40.4

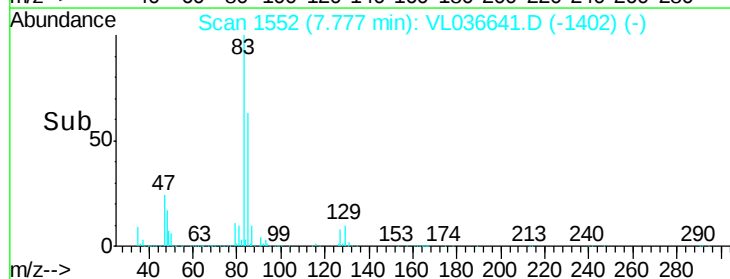
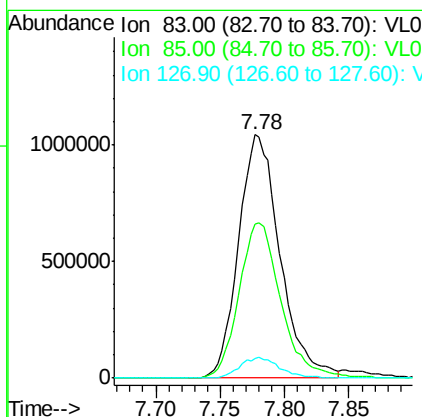
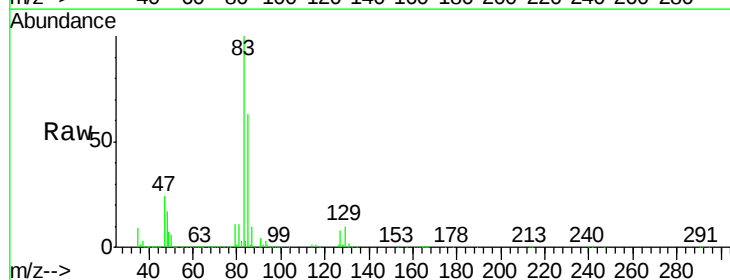
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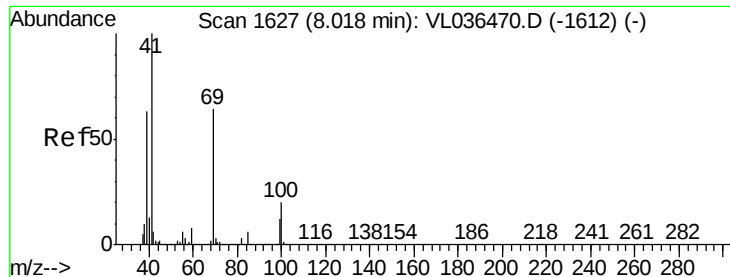
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#42
Bromodichloromethane
Concen: 8.472 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.6
127	8.2	5.8	8.8





#43

Methvl Methacrylate

Concen: 9.245 ppbv

RT: 8.00 min Scan# 1622

Delta R.T. -0.02 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

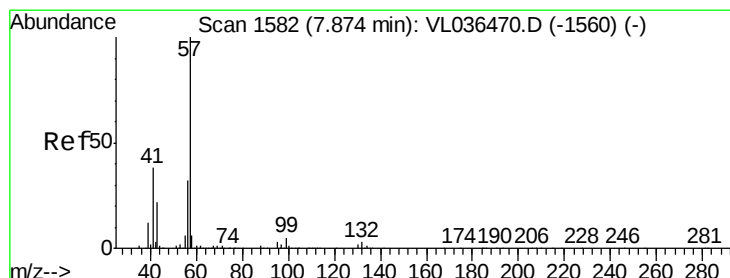
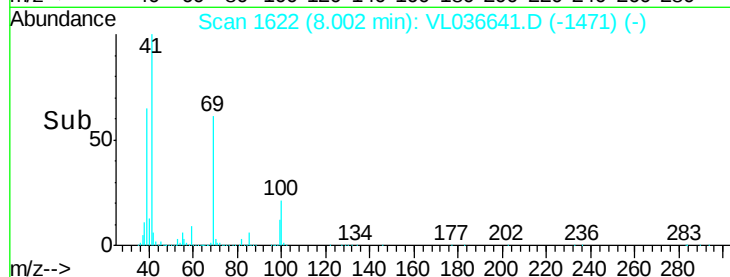
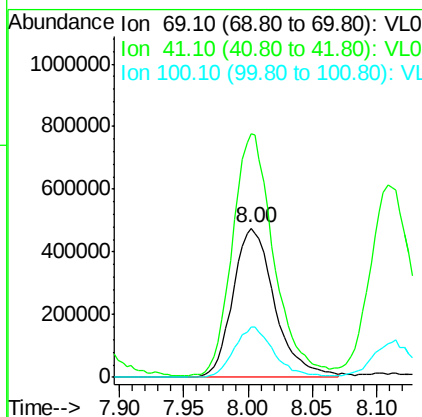
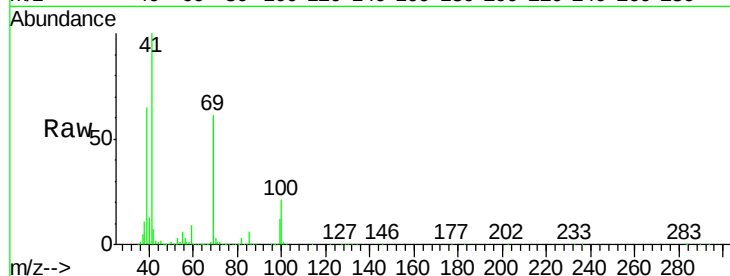
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 1072479

Ion	Ratio	Lower	Upper
69	100		
41	162.9	126.8	190.2
100	32.6	24.9	37.3

Manual Integrations
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#44

2,2,4-Trimethylpentane

Concen: 8.045 ppbv

RT: 7.86 min Scan# 1577

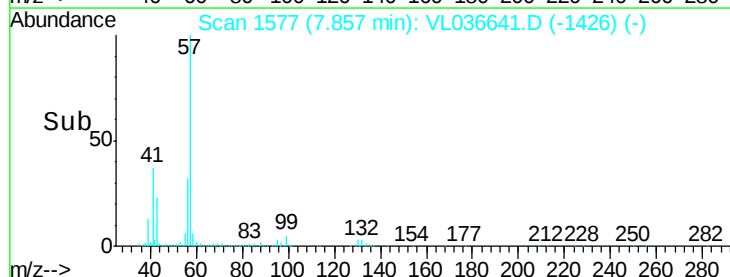
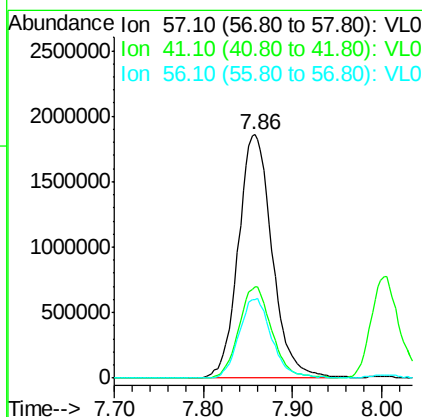
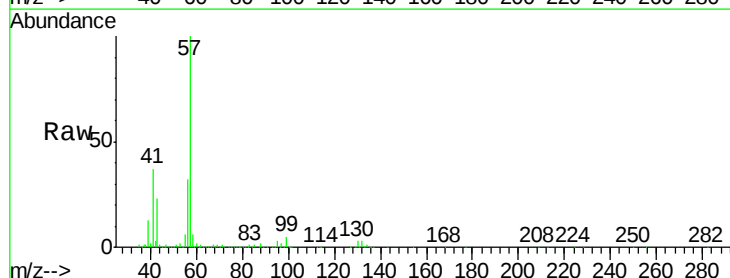
Delta R.T. -0.02 min

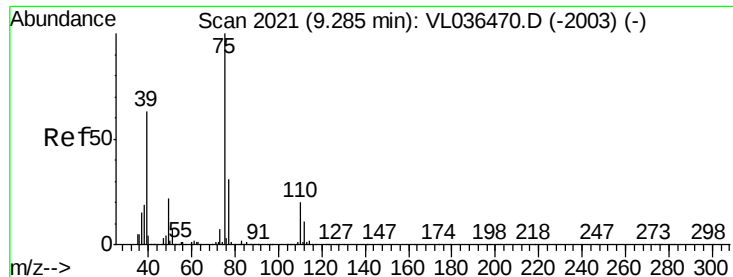
Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Tgt Ion: 57 Resp: 4891789

Ion	Ratio	Lower	Upper
57	100		
41	36.4	28.8	43.2
56	31.6	26.1	39.1





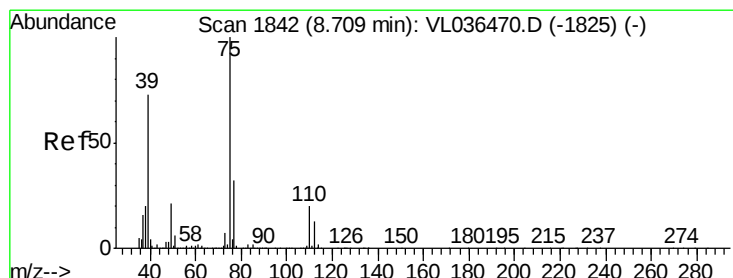
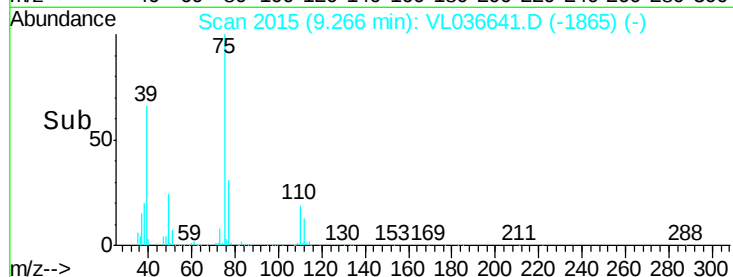
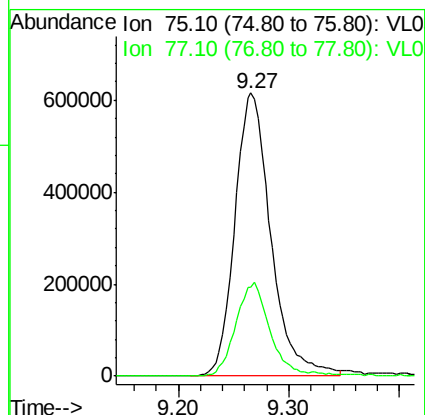
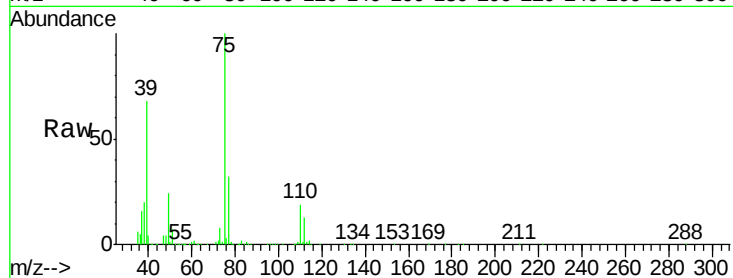
#45
t-1,3-Dichloropropene
Concen: 10.485 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 1388859
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

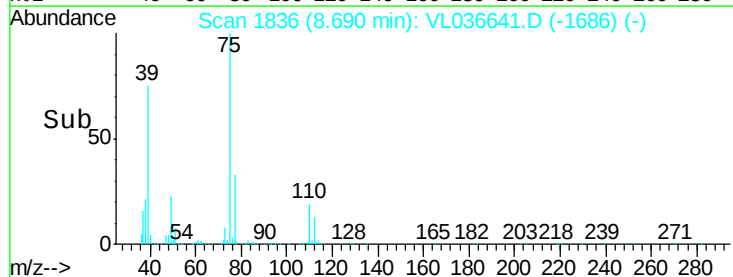
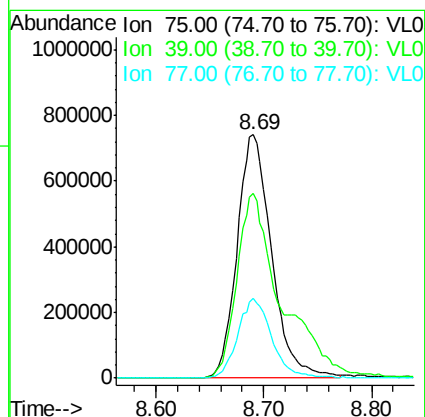
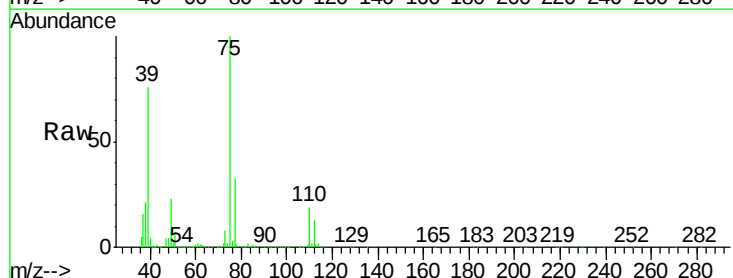
Manual Integrations
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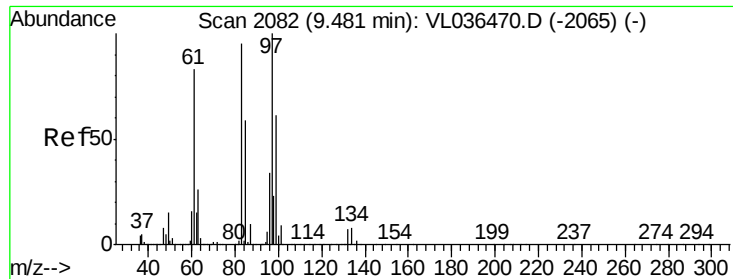
apatel
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#46
cis-1,3-Dichloropropene
Concen: 9.747 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion: 75 Resp: 1650452
Ion Ratio Lower Upper
75 100
39 75.7 58.2 87.2
77 32.7 25.2 37.8





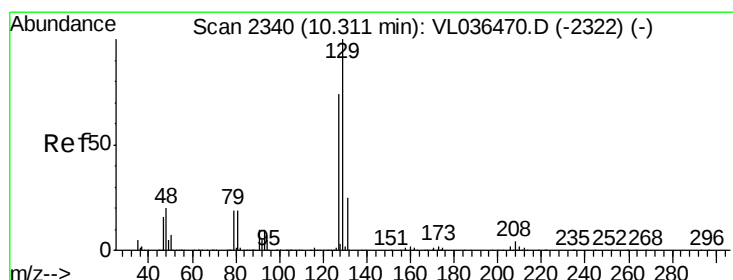
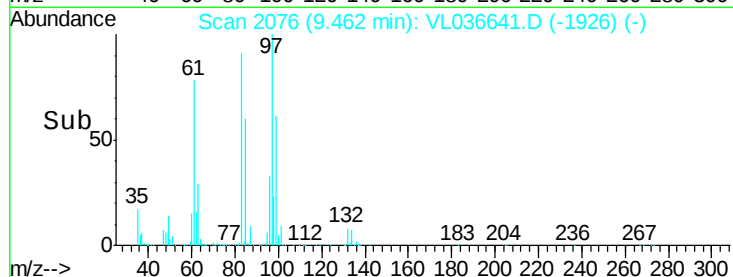
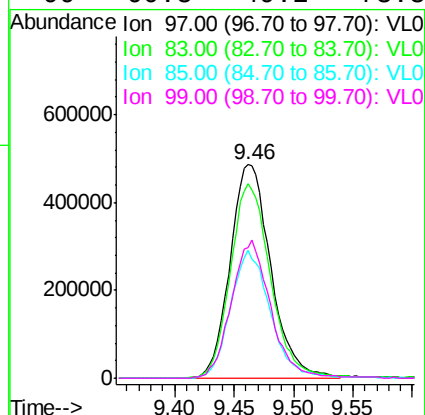
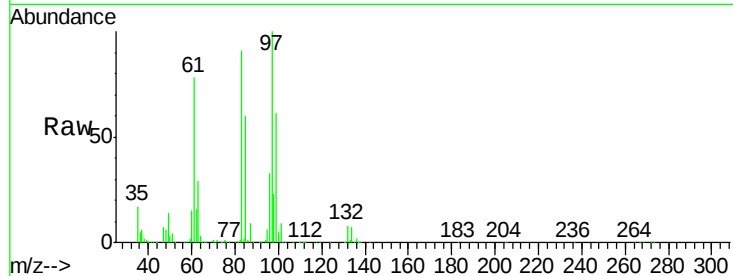
#47
 1,1,2-Trichloroethane
 Concen: 8.095 ppbv
 RT: 9.46 min Scan# 2076
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	90.8	75.8	113.8	
85	59.8	47.1	70.7	
99	60.8	49.2	73.8	

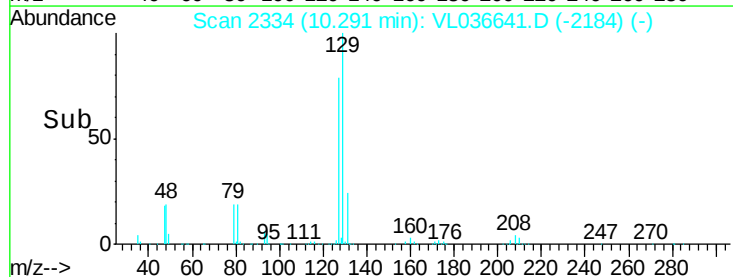
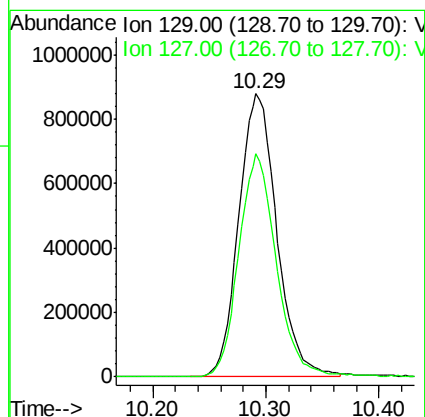
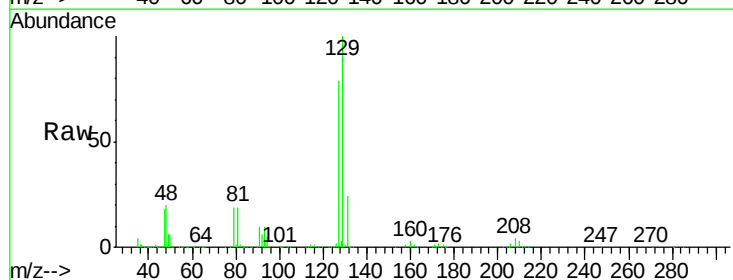
Manual Integrations
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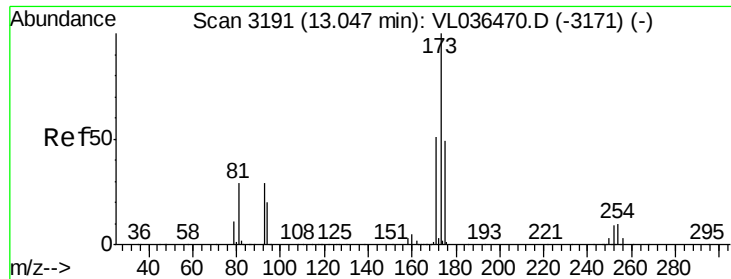
apatel
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#48
 Dibromochloromethane
 Concen: 9.488 ppbv
 RT: 10.29 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	78.7	39.6	118.8	





#49

Bromoform

Concen: 10.015 ppbv

RT: 13.03 min Scan# 3186

Delta R.T. -0.02 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:173 Resp: 1746026

Ion Ratio Lower Upper

173 100

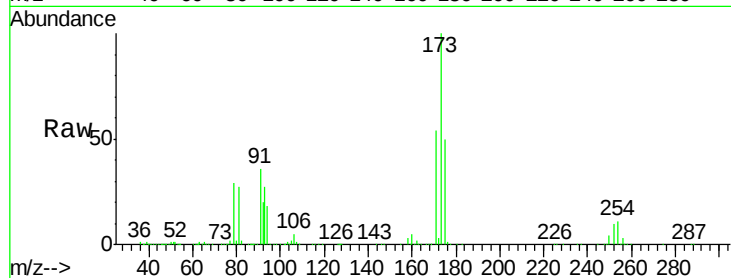
175 50.8 39.6 59.4

171 54.1 41.4 62.0

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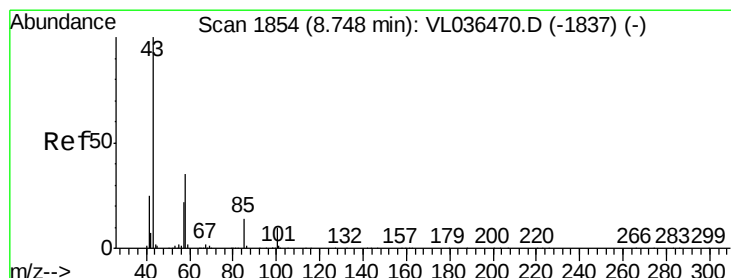
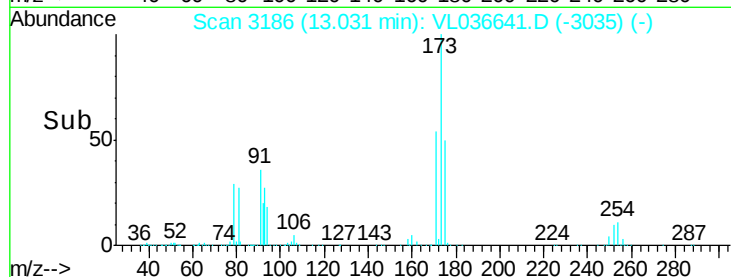
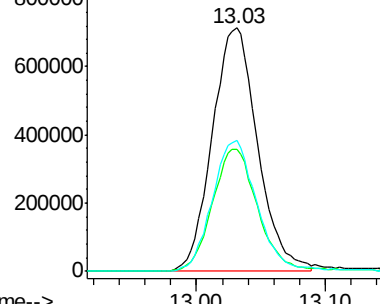
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 8.830 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.02 min

Lab File: VL036641.D

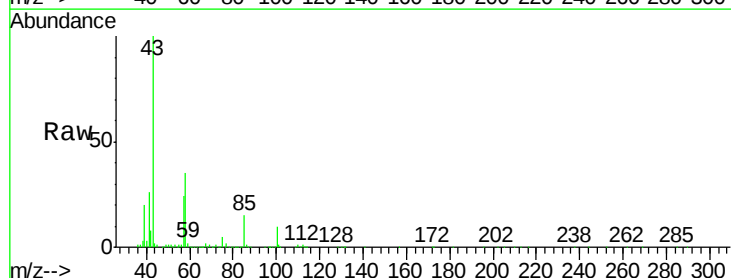
Acq: 2 Apr 2021 11:27

Tgt Ion: 43 Resp: 2336245

Ion Ratio Lower Upper

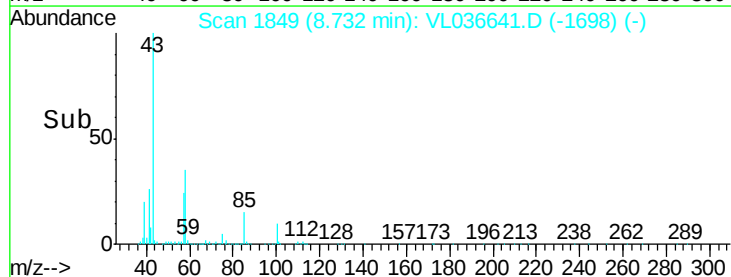
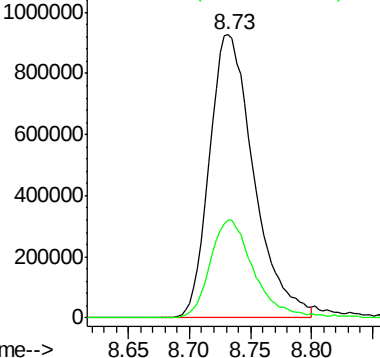
43 100

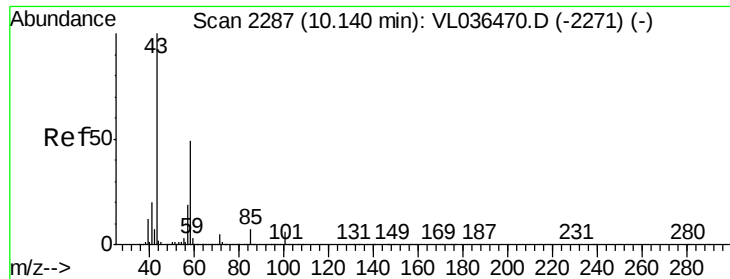
58 34.5 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





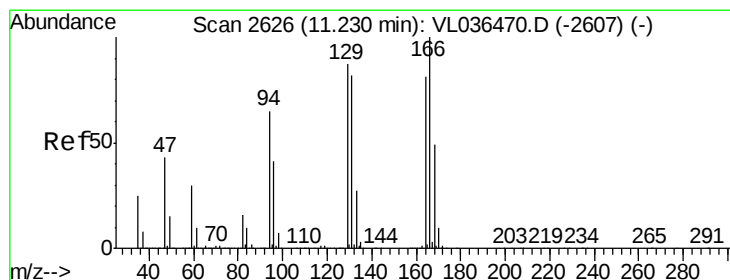
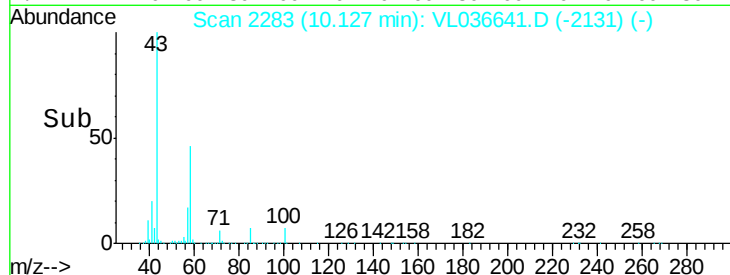
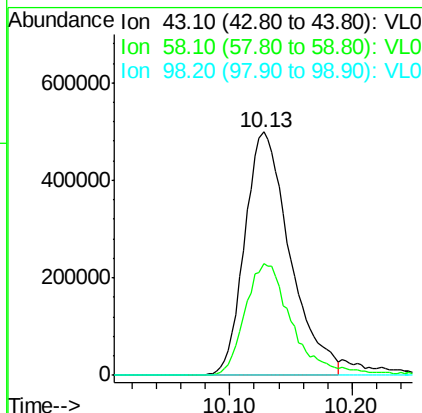
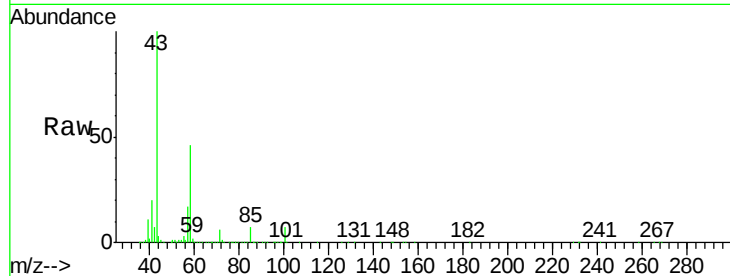
#51
2-Hexanone
Concen: 9.549 ppbv
RT: 10.13 min Scan# 2283
Delta R.T. -0.01 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1275010
Ion Ratio Lower Upper
43 100
58 49.2 37.7 56.5
98 0.2 0.2 0.2

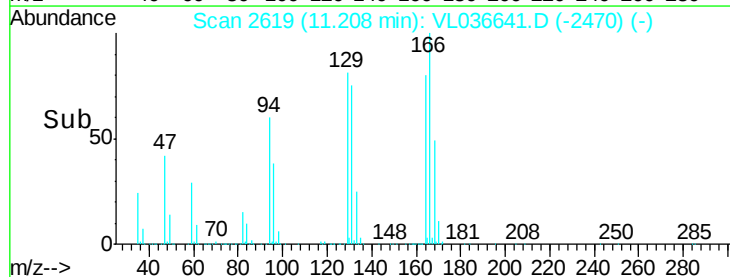
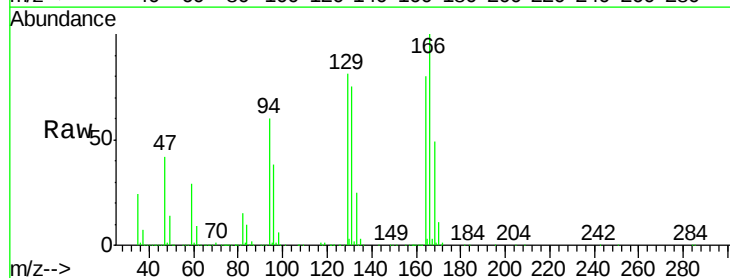
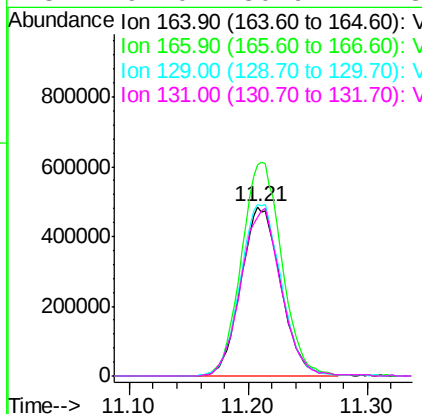
Manual Integrations
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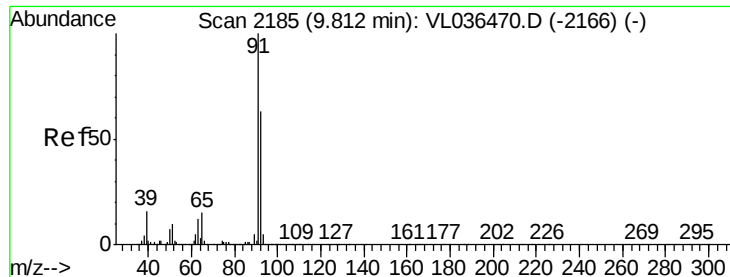
apatel
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#52
Tetrachloroethene
Concen: 8.831 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion: 164 Resp: 1123391
Ion Ratio Lower Upper
164 100
166 124.8 98.3 147.5
129 101.4 85.8 128.8
131 94.0 80.9 121.3





#53

Toluene

Concen: 9.028 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.02 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 3321427

Ion Ratio Lower Upper

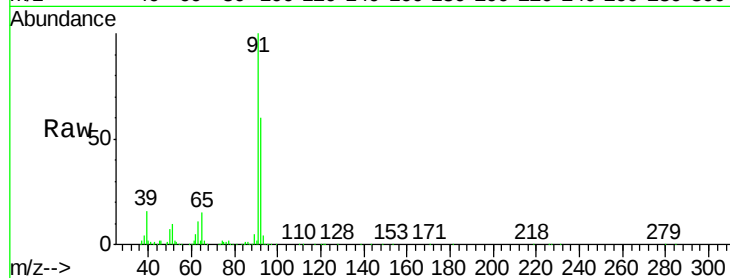
91 100

92 60.5 48.8 73.2

Manual Integrations
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

1500000

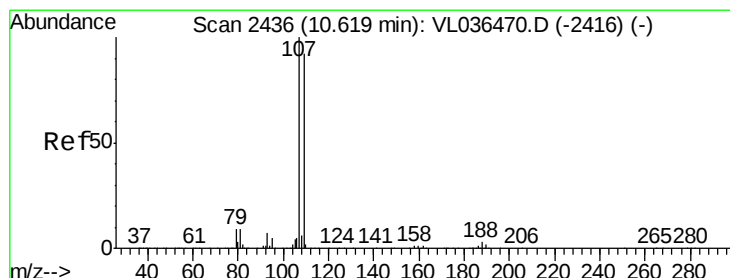
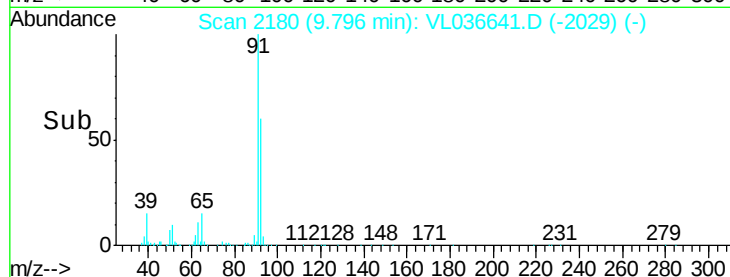
1000000

500000

0

9.70 9.80 9.90

Time-->



#54

1,2-Dibromoethane

Concen: 8.510 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. -0.02 min

Lab File: VL036641.D

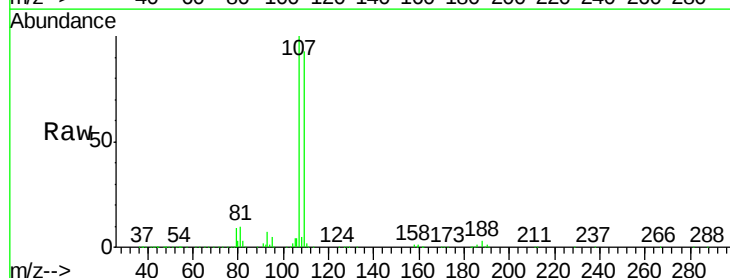
Acq: 2 Apr 2021 11:27

Tgt Ion:107 Resp: 1705992

Ion Ratio Lower Upper

107 100

109 92.9 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

800000

600000

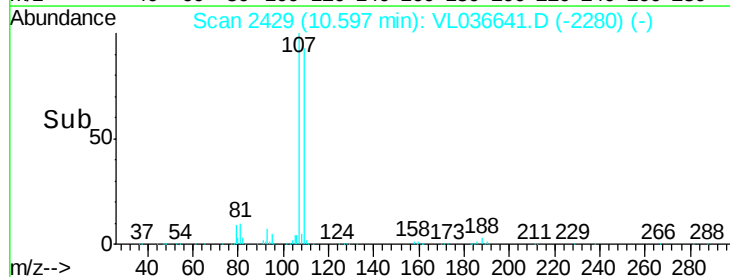
400000

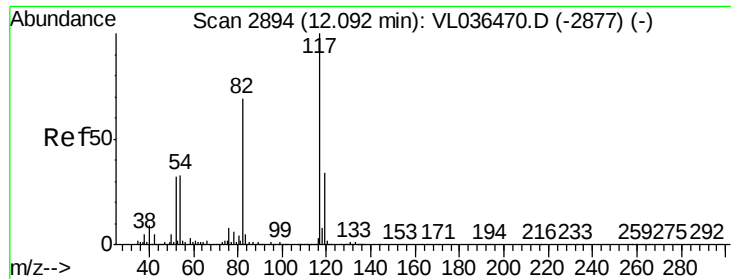
200000

0

10.50 10.60 10.70

Time-->





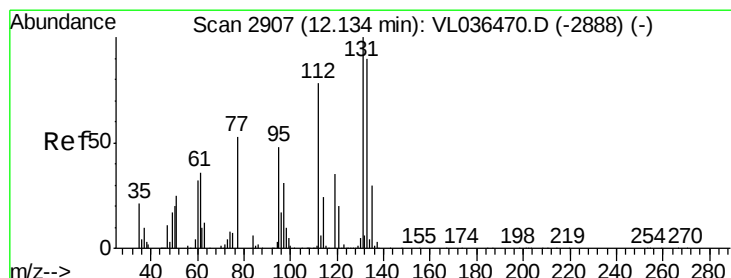
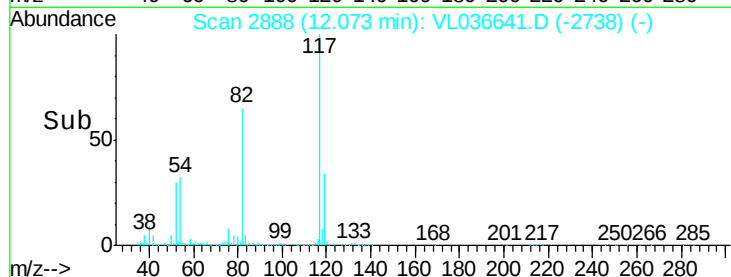
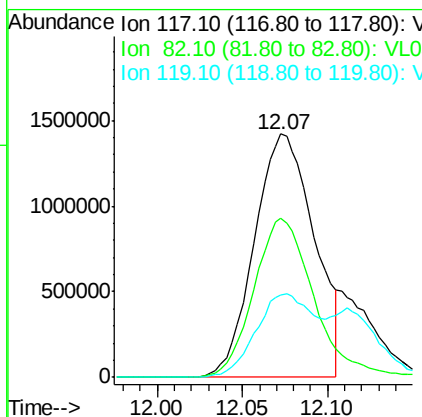
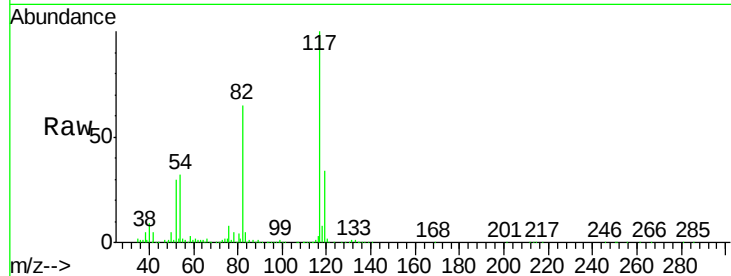
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:117 Resp: 3477167
Ion Ratio Lower Upper
117 100
82 66.4 57.4 86.0
119 57.1 47.4 71.0

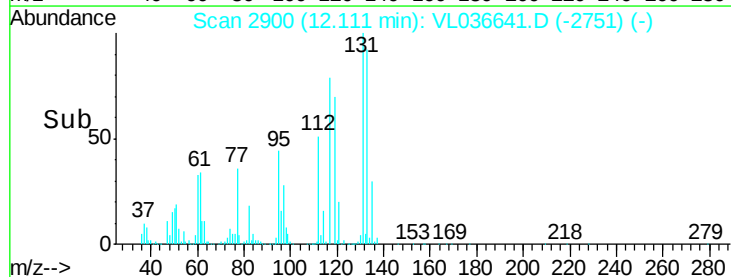
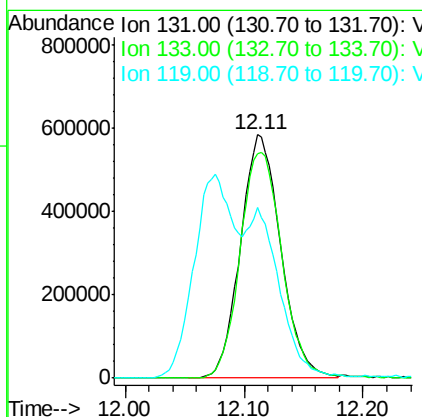
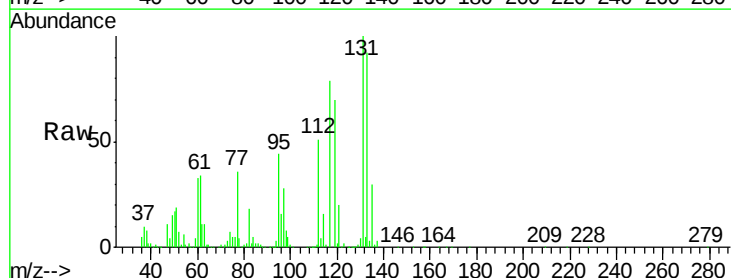
Manual Integrations
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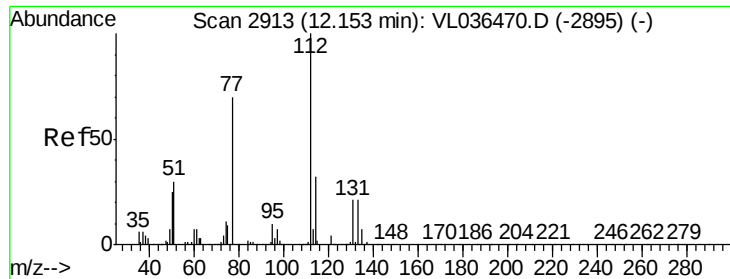
apatel
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#56
1,1,1,2-Tetrachloroethane
Concen: 8.678 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion:131 Resp: 1364783
Ion Ratio Lower Upper
131 100
133 97.0 75.8 113.6
119 144.9 48.7 73.1#





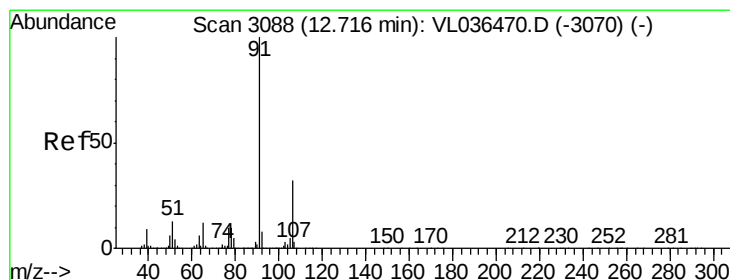
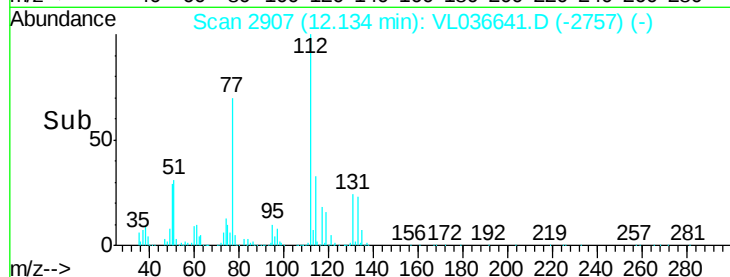
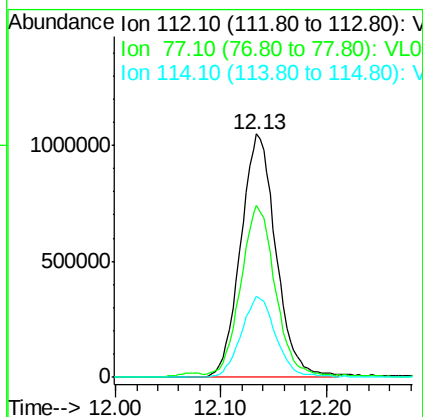
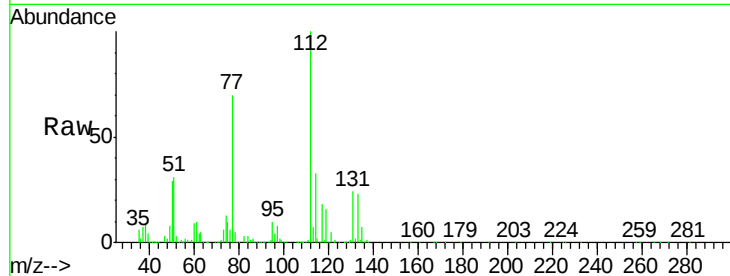
#57
Chlorobenzene
Concen: 8.258 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
112	100		
77	69.4	56.0	84.0
114	33.5	29.0	35.4

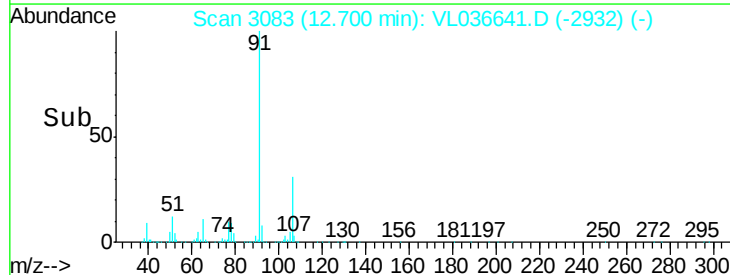
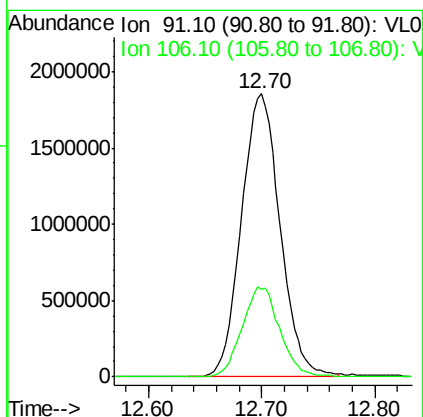
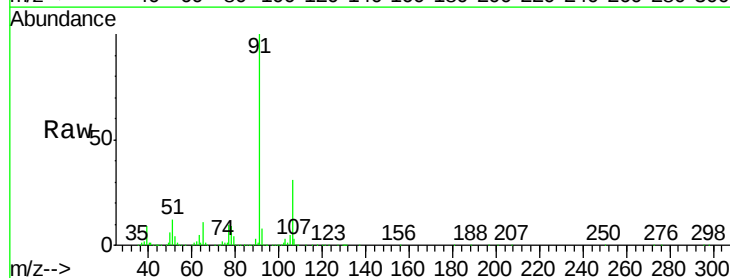
Manual Integrations
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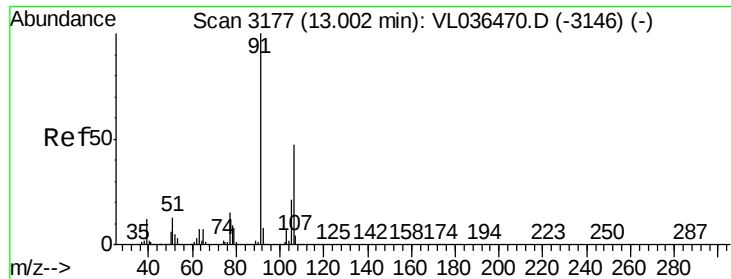
apatel
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#58
Ethyl Benzene
Concen: 8.707 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.3	37.9





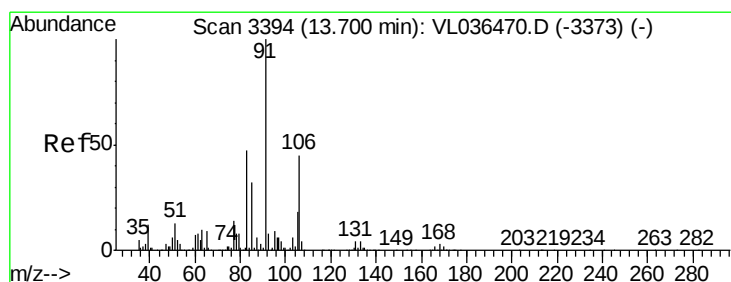
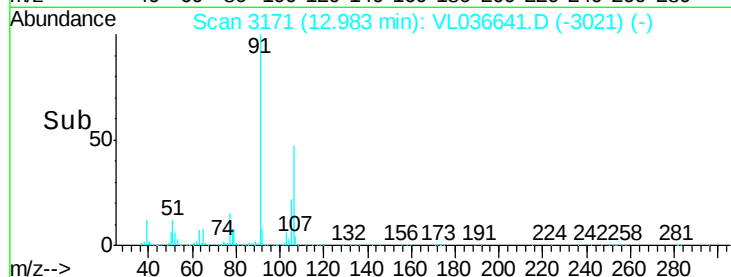
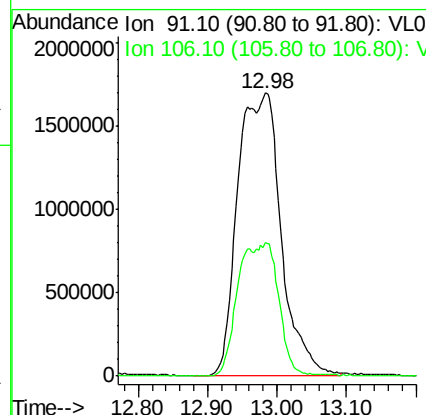
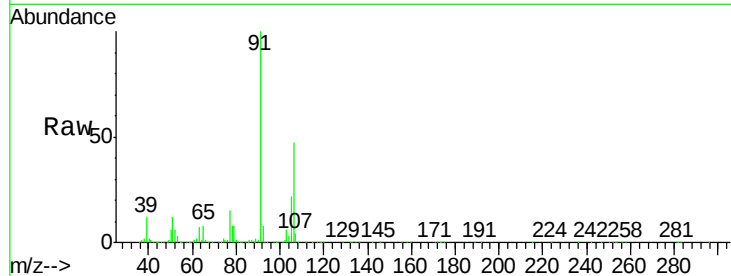
#59
m/p-Xylene
Concen: 16.763 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 7396568
Ion Ratio Lower Upper
91 100
106 44.3 35.3 52.9

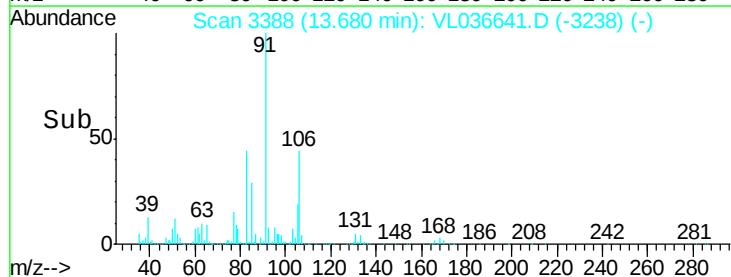
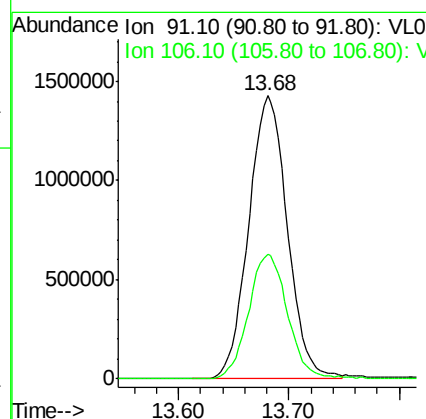
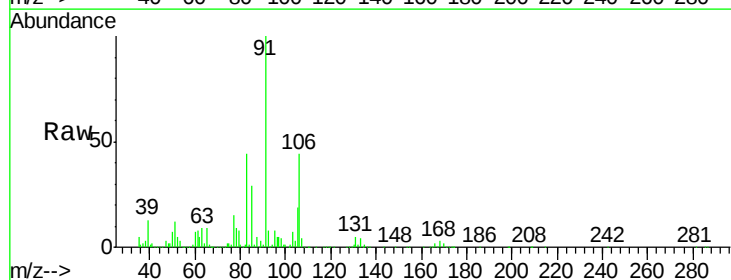
Manual Integrations
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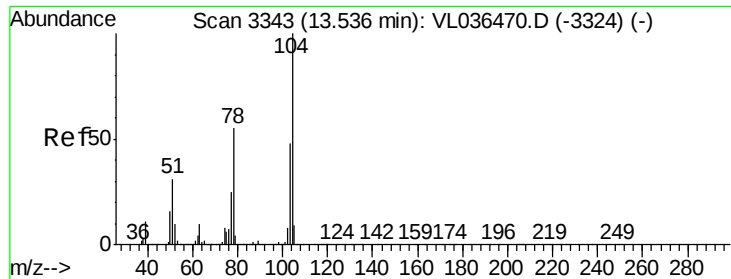
apatel
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#60
o-Xylene
Concen: 8.113 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion: 91 Resp: 3461067
Ion Ratio Lower Upper
91 100
106 45.0 22.3 66.9





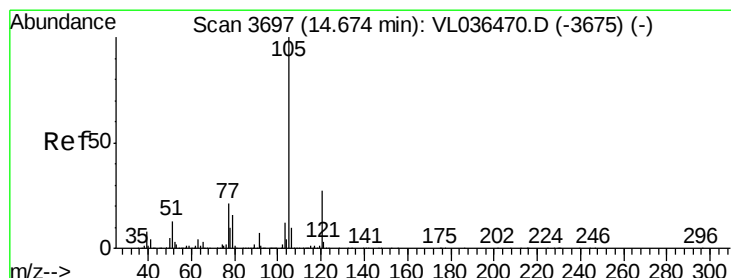
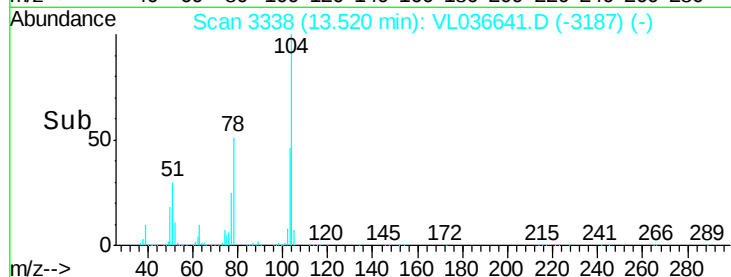
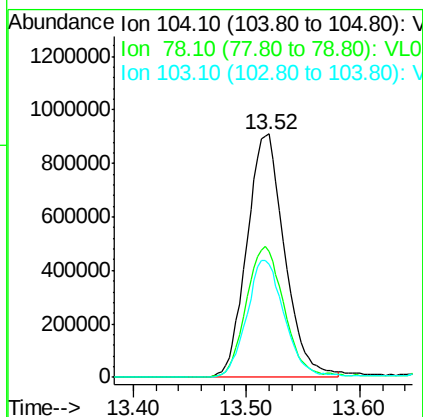
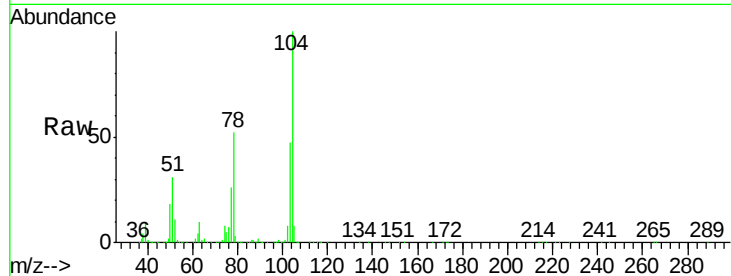
#61
Stvrene
Concen: 9.836 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.0	43.8	65.8
103	48.9	38.3	57.5

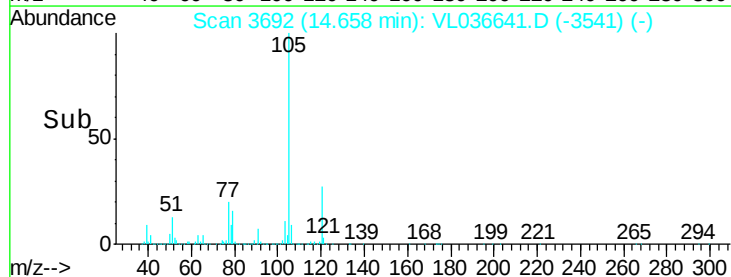
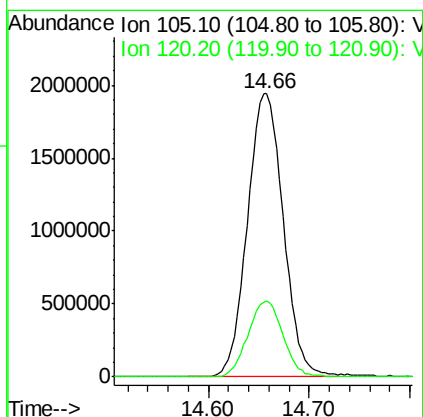
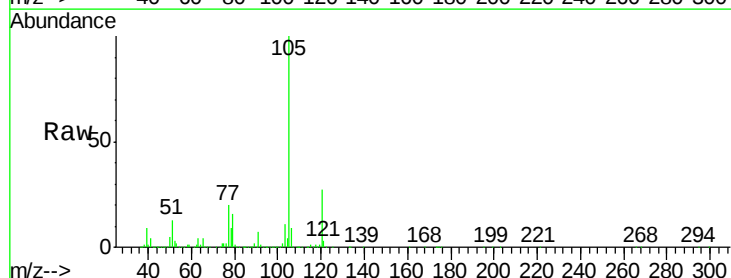
Manual Integrations
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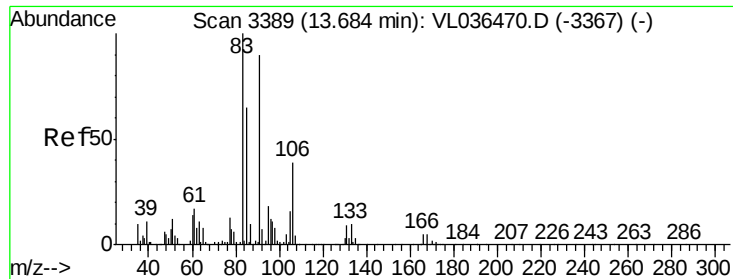
apatel
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#62
Isopropylbenzene
Concen: 8.333 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.6	31.0





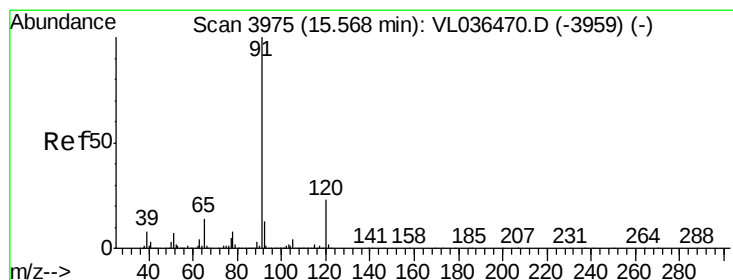
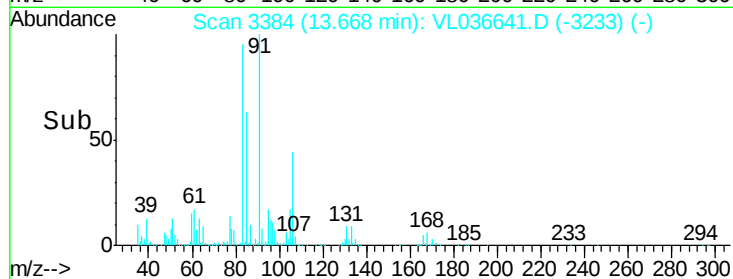
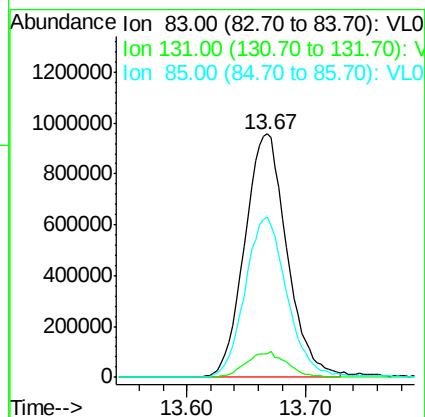
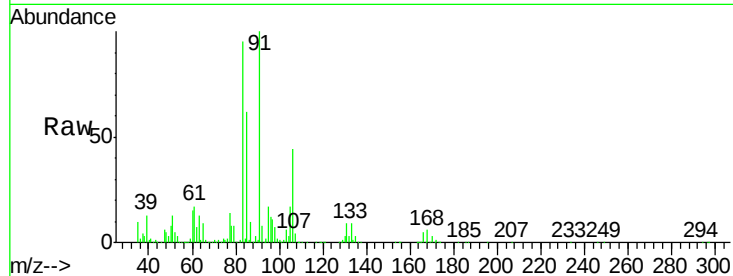
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.233 ppbv
 RT: 13.67 min Scan# 3384
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 83 Resp: 2354083
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.7 14.0
 85 66.1 33.1 99.3

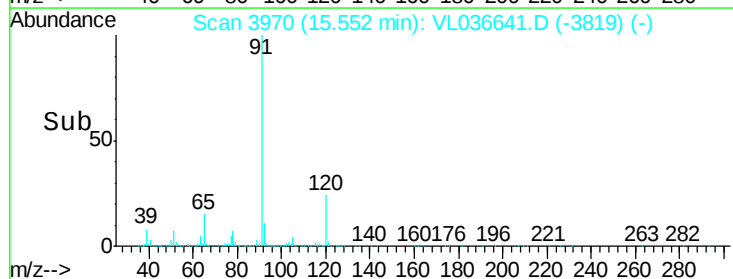
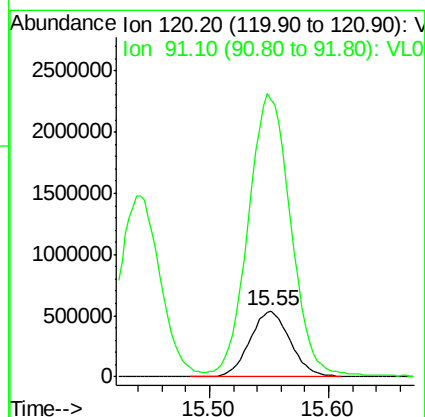
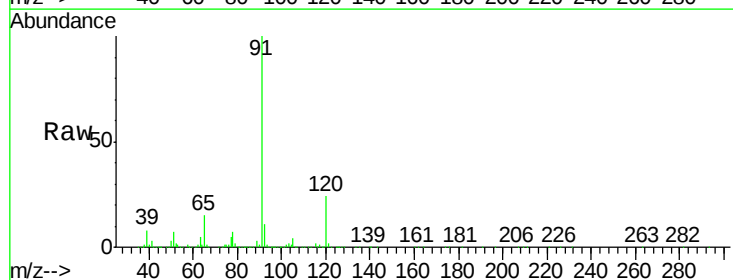
Manual Integrations
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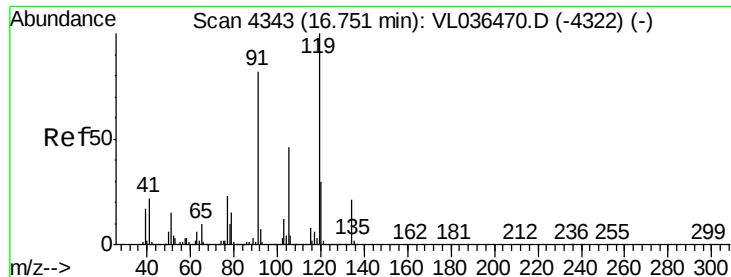
apatel
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#64
 n-propylbenzene
 Concen: 8.994 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion: 120 Resp: 1263321
 Ion Ratio Lower Upper
 120 100
 91 454.0 377.4 566.2





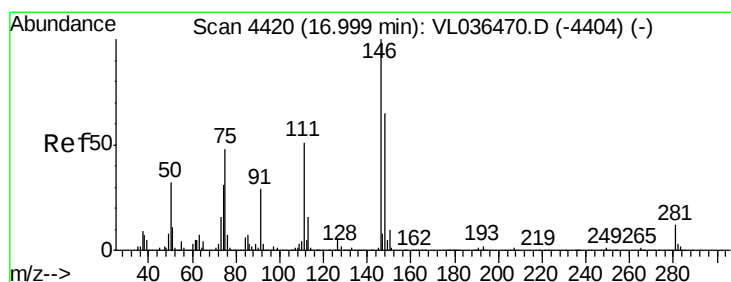
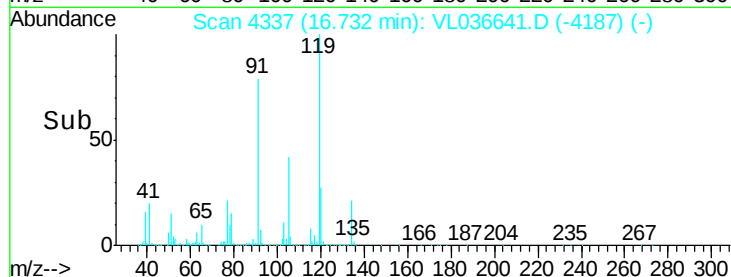
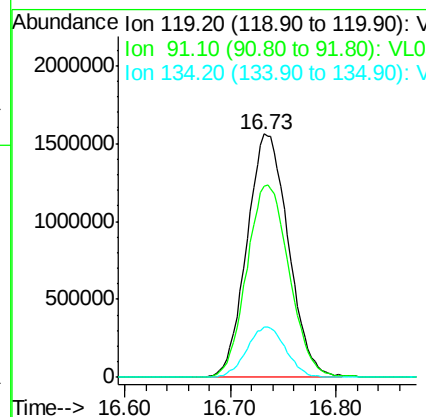
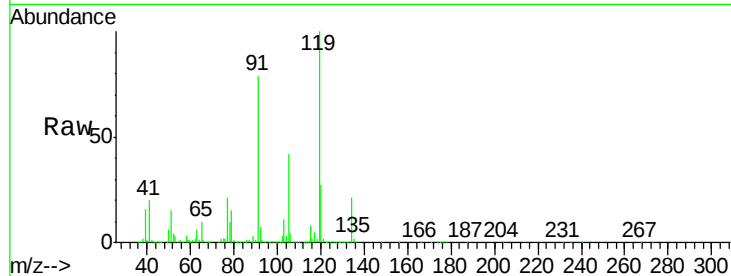
#65
tert-Butylbenzene
Concen: 8.563 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:119 Resp: 4265816
Ion Ratio Lower Upper
119 100
91 81.4 67.5 101.3
134 19.7 15.8 23.8

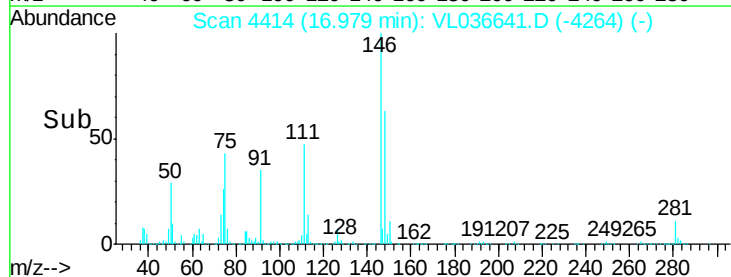
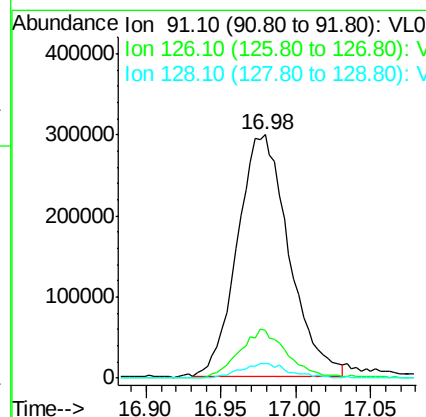
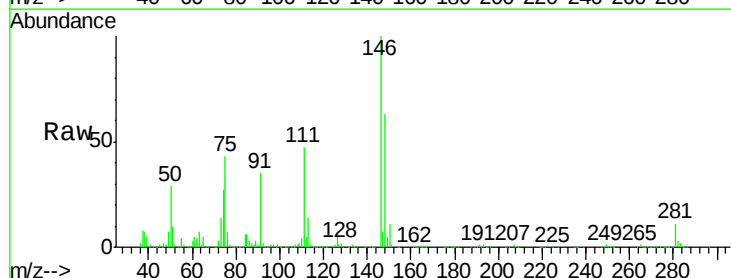
Manual Integrations
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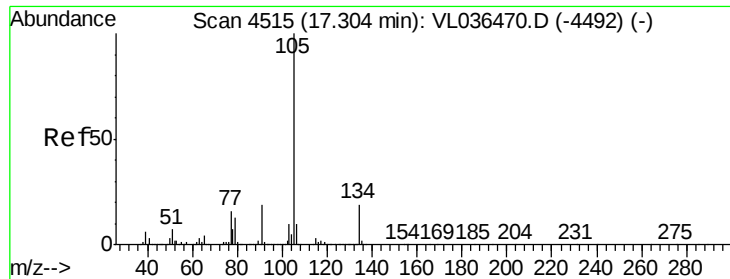
apatel
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#66
Benzyl Chloride
Concen: 12.886 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion: 91 Resp: 709610
Ion Ratio Lower Upper
91 100
126 19.5 13.5 20.3
128 6.1 4.2 6.4





#67

sec-Butylbenzene

Concen: 8.167 ppbv

RT: 17.28 min Scan# 4509

Delta R.T. -0.02 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 5743373

Ion Ratio Lower Upper

105 100

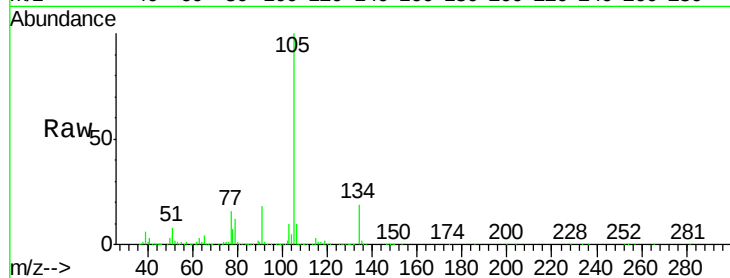
134 18.9 14.7 22.1

Manual Integrations

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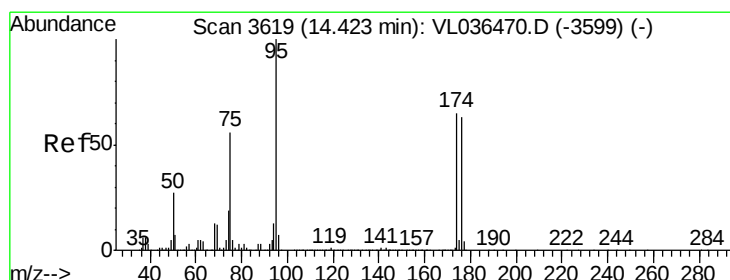
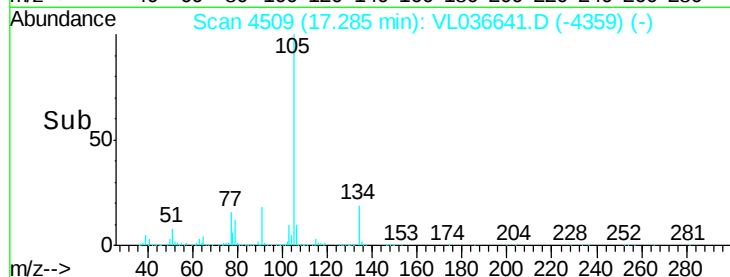
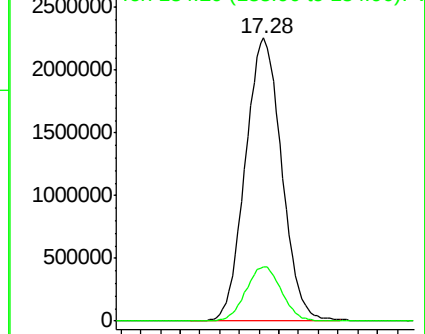
apatel

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.991 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.02 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

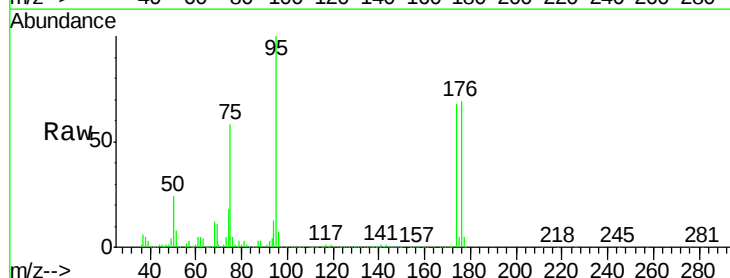
Tgt Ion: 95 Resp: 2768823

Ion Ratio Lower Upper

95 100

174 72.1 51.0 76.6

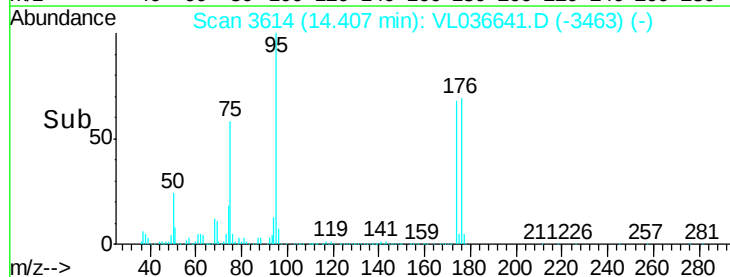
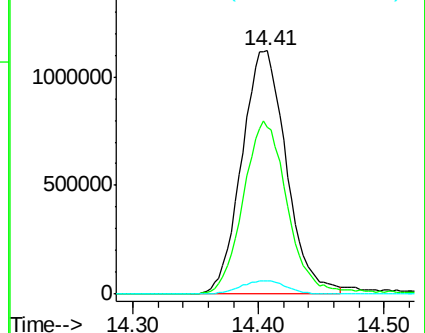
175 5.7 3.9 5.9

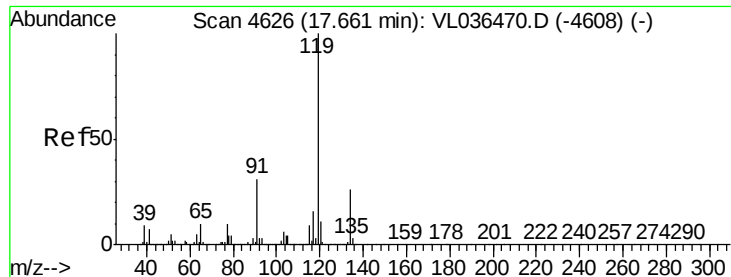


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





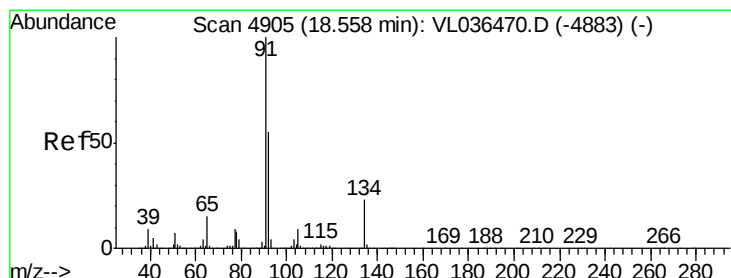
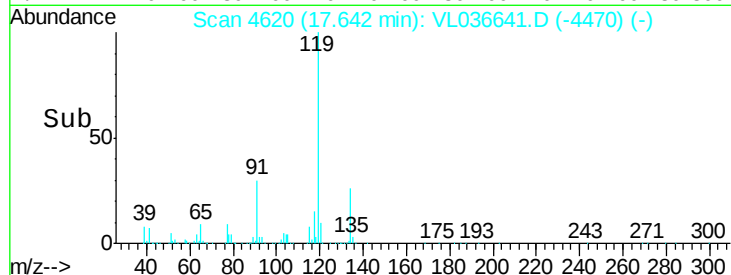
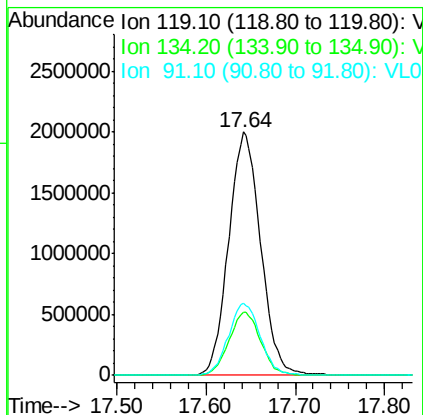
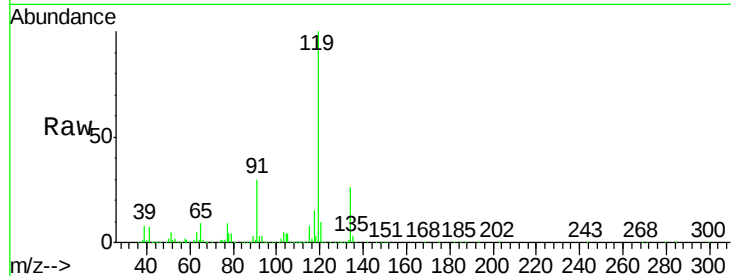
#69
 p-Isopropyltoluene
 Concen: 9.027 ppbv
 RT: 17.64 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	30.8
91	29.4	25.0	37.6

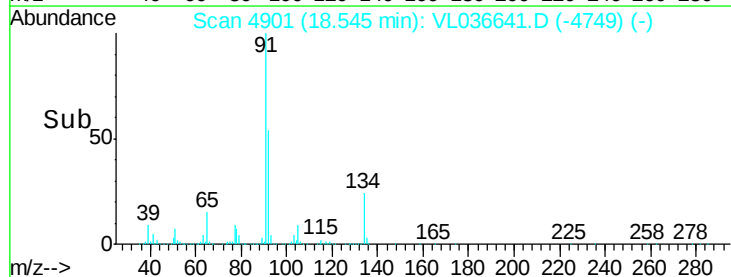
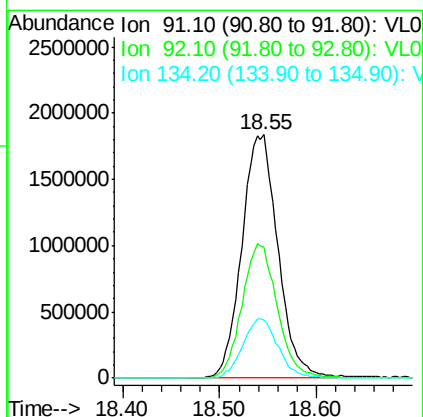
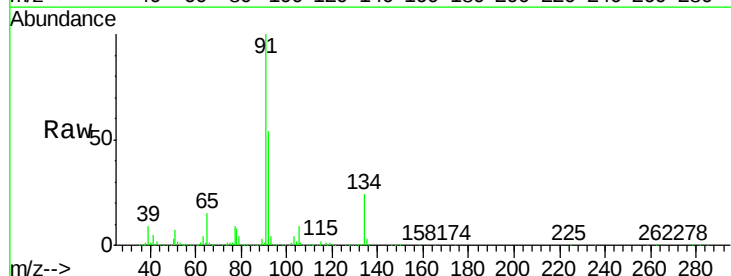
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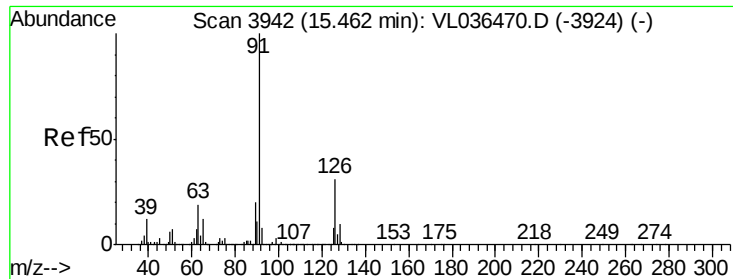
apatel
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#70
 n-Butylbenzene
 Concen: 8.364 ppbv
 RT: 18.55 min Scan# 4901
 Delta R.T. -0.01 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.8	65.8
134	24.1	18.0	27.0





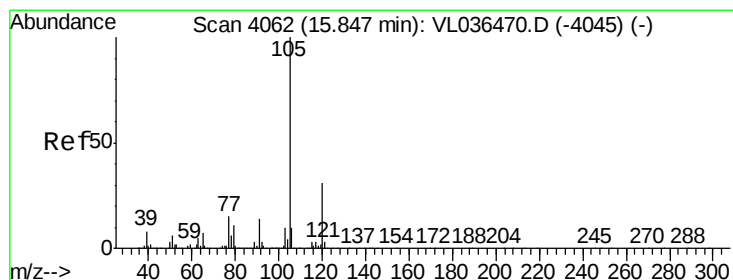
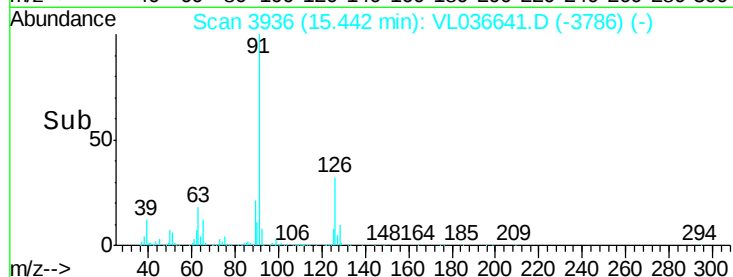
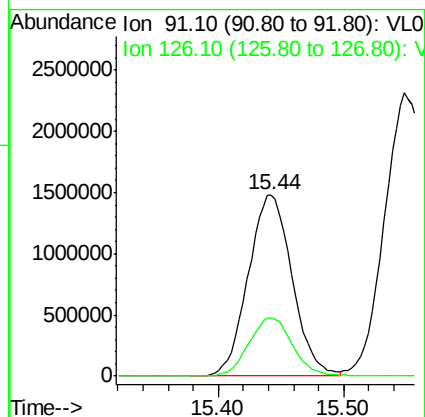
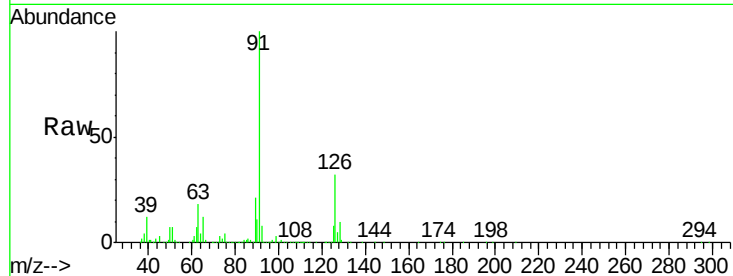
#71
 2-Chlorotoluene
 Concen: 8.364 ppbv
 RT: 15.44 min Scan# 3936
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 91 Resp: 3600994
 Ion Ratio Lower Upper
 91 100
 126 32.2 12.1 48.5

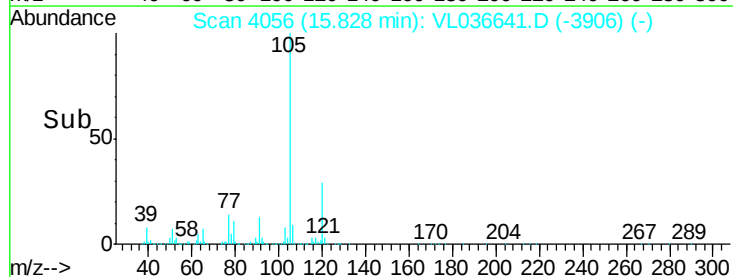
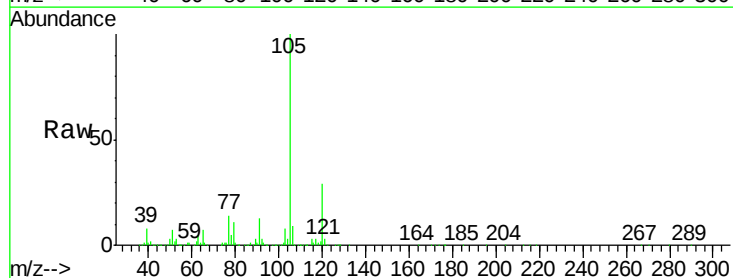
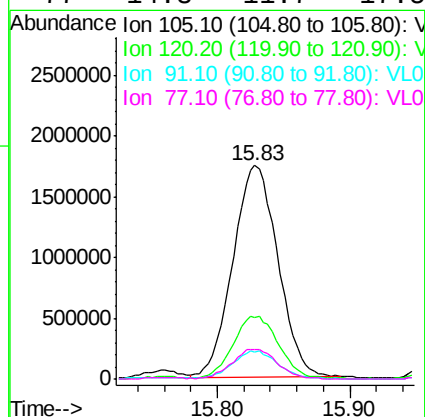
Manual Integrations
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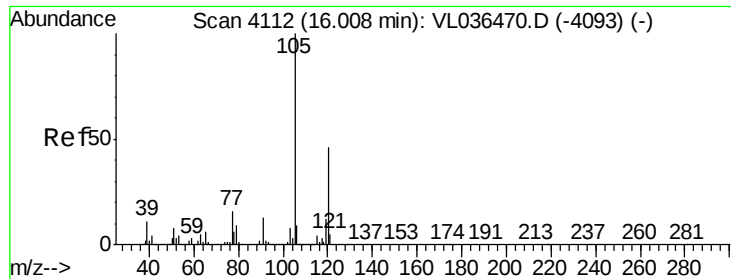
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#72
 4-Ethyltoluene
 Concen: 8.852 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion: 105 Resp: 4138343
 Ion Ratio Lower Upper
 105 100
 120 29.6 24.0 36.0
 91 13.1 11.0 16.4
 77 14.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 8.610 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. -0.02 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 3756600

Ion Ratio Lower Upper

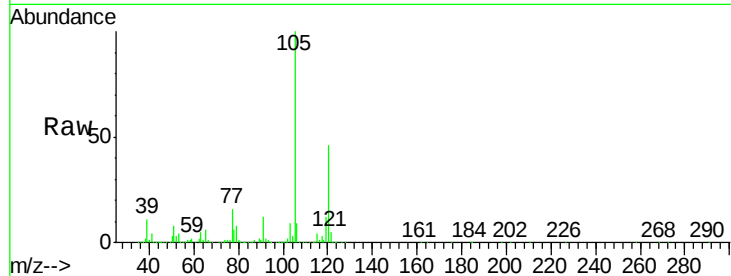
105 100

120 45.9 36.6 54.8

Manual Integrations
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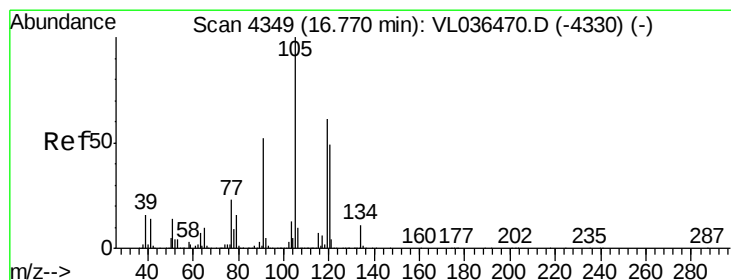
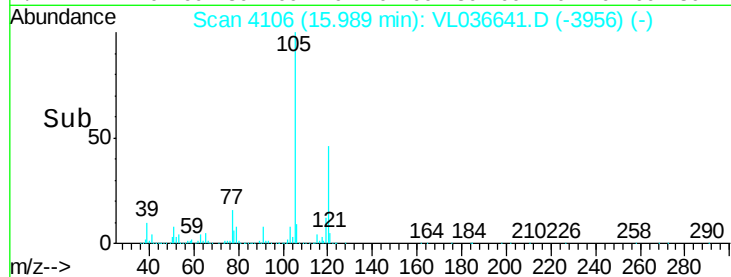
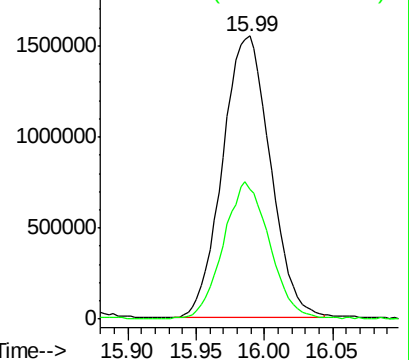
apatel

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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: 8.269 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.02 min

Lab File: VL036641.D

Acq: 2 Apr 2021 11:27

Tgt Ion:105 Resp: 3860975

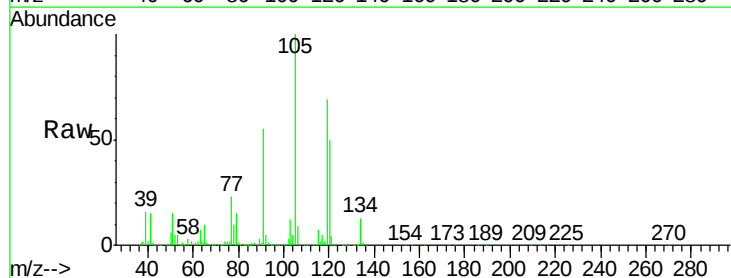
Ion Ratio Lower Upper

105 100

120 49.9 39.2 58.8

91 54.4 42.6 64.0

77 22.6 18.6 28.0

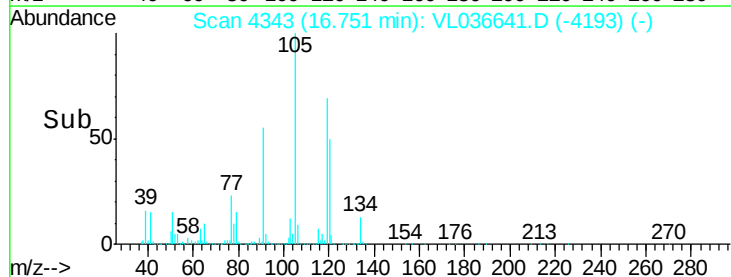
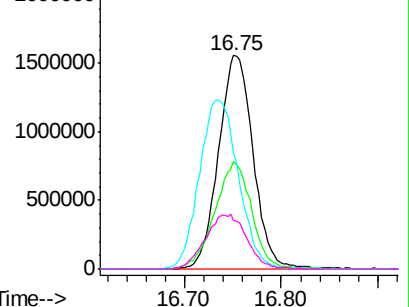


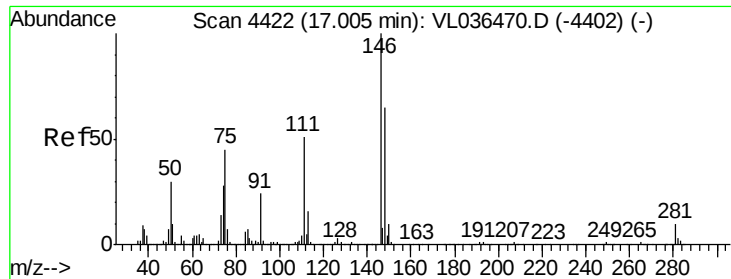
Abundance Ion 105.10 (104.80 to 105.80): V

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





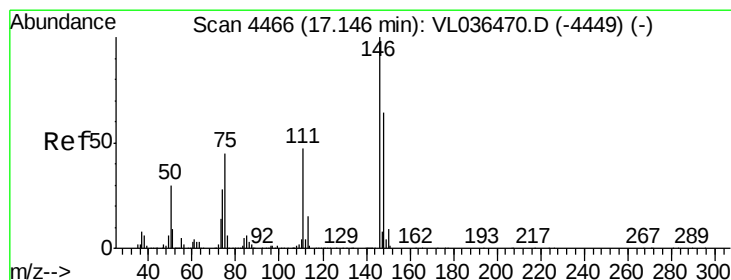
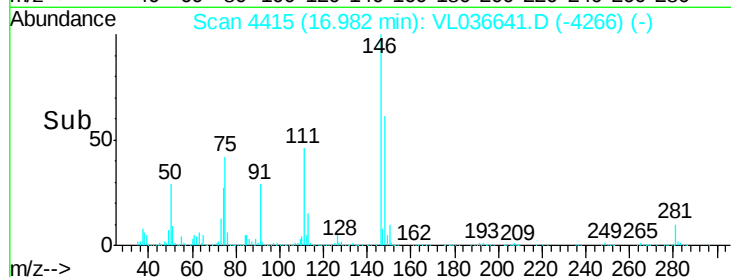
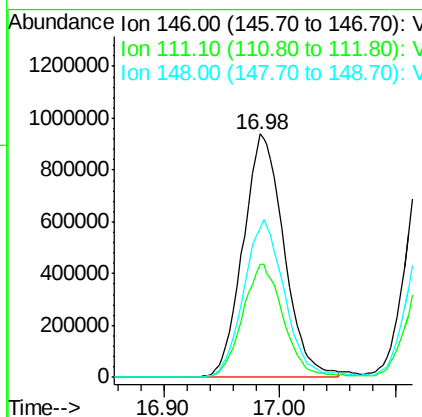
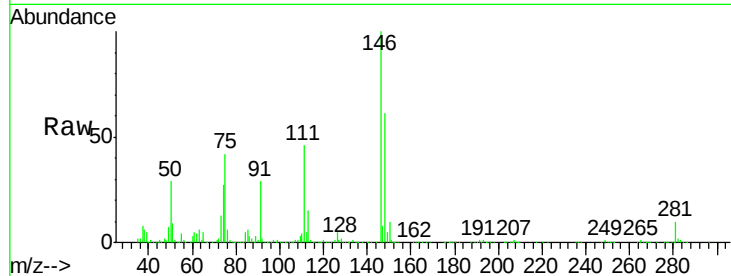
#75
 1,3-Dichlorobenzene
 Concen: 8.747 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:146 Resp: 2299012
 Ion Ratio Lower Upper
 146 100
 111 46.3 24.5 73.5
 148 64.7 32.3 96.9

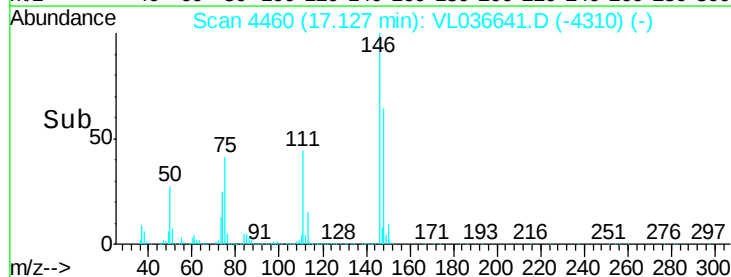
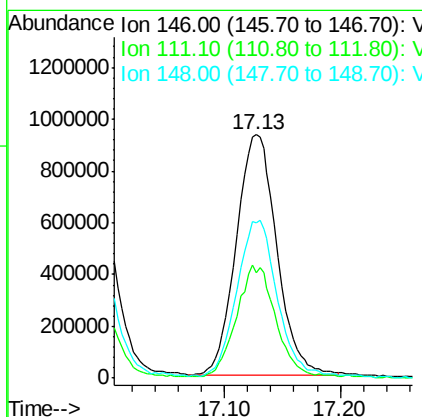
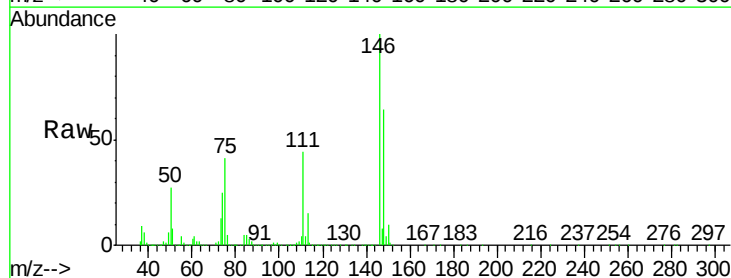
Manual Integrations
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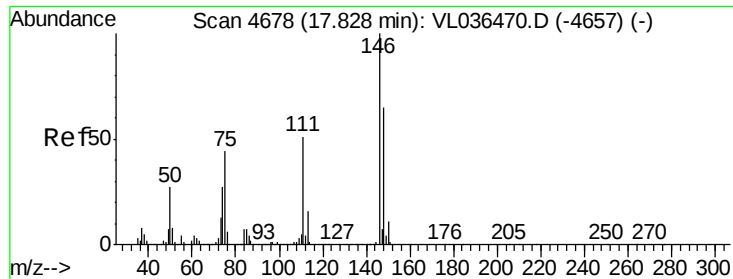
apatel
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#76
 1,4-Dichlorobenzene
 Concen: 8.619 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion:146 Resp: 2249196
 Ion Ratio Lower Upper
 146 100
 111 46.4 24.3 72.8
 148 66.9 33.0 98.9





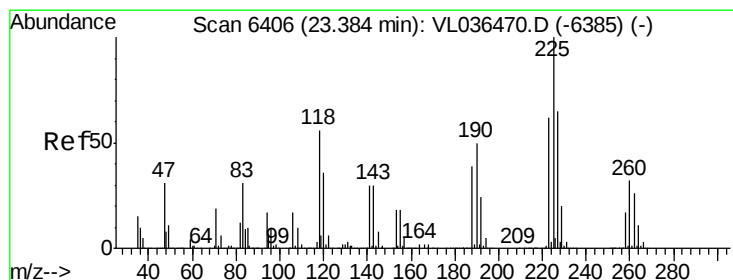
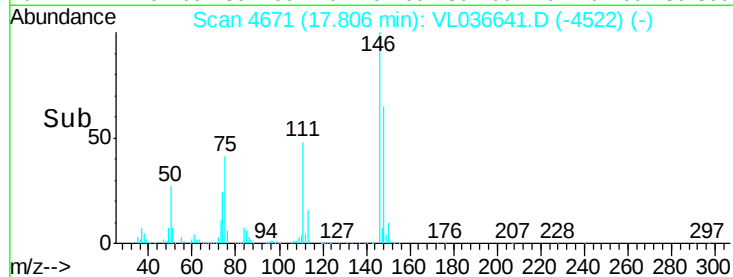
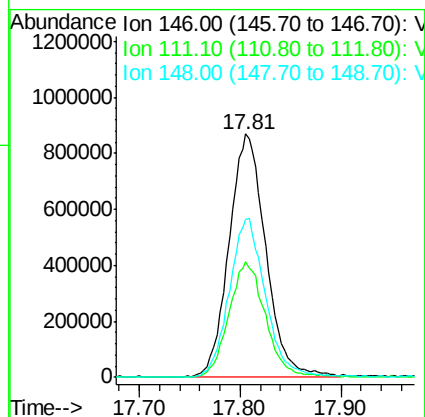
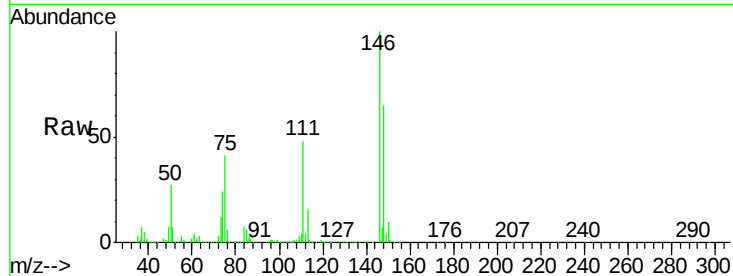
#77
 1,2-Dichlorobenzene
 Concen: 8.838 ppbv
 RT: 17.81 min Scan# 4671
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:146 Resp: 2183327
 Ion Ratio Lower Upper
 146 100
 111 47.7 25.5 76.5
 148 64.6 32.9 98.6

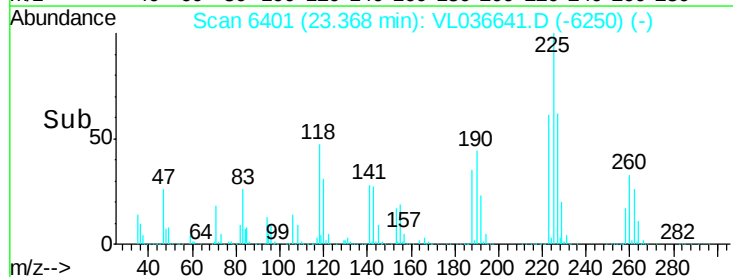
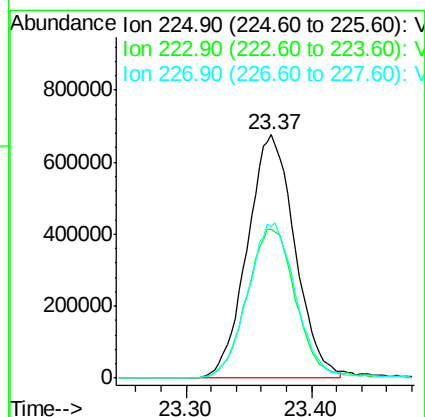
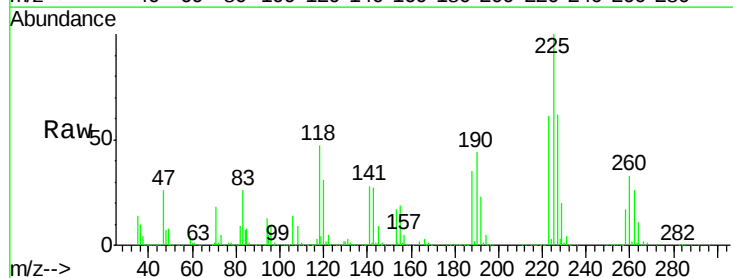
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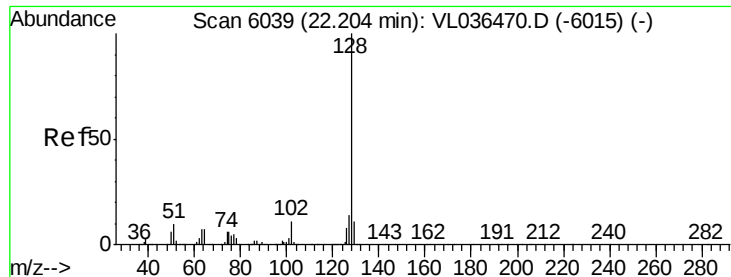
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.034 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Tgt Ion:225 Resp: 1777529
 Ion Ratio Lower Upper
 225 100
 223 64.1 50.6 75.8
 227 65.5 52.2 78.2





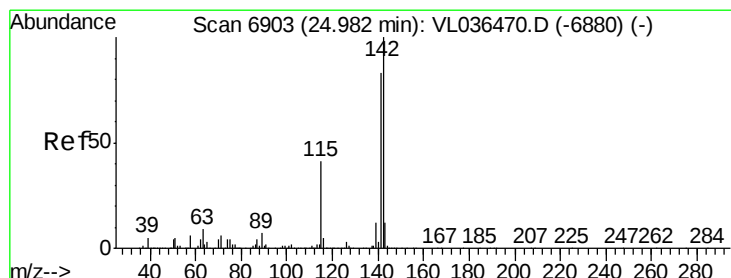
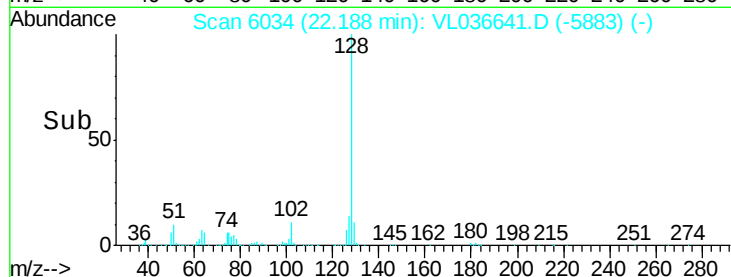
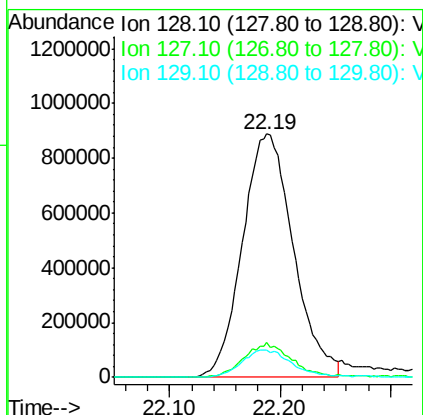
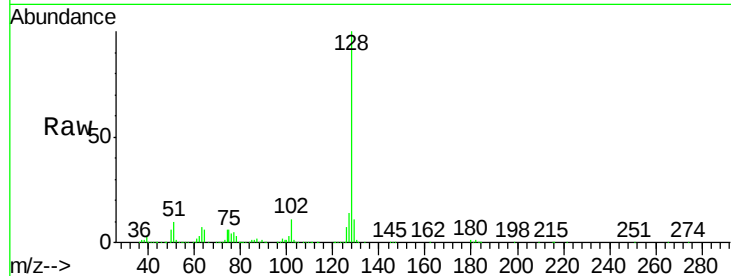
#79
Naphthalene
Concen: 10.415 ppbv
RT: 22.19 min Scan# 6034
Delta R.T. -0.02 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.9	16.3
129	11.2	9.0	13.4

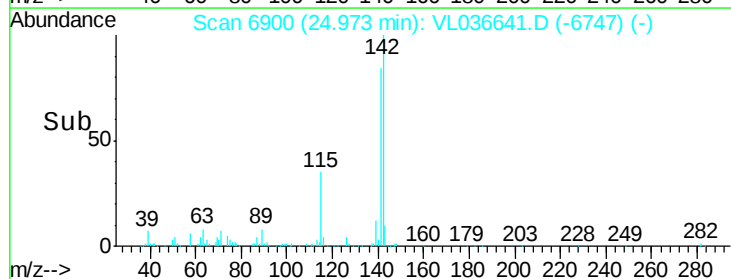
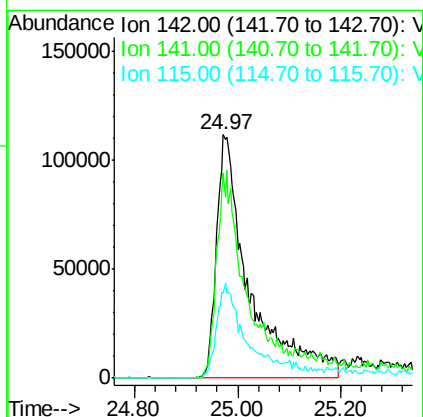
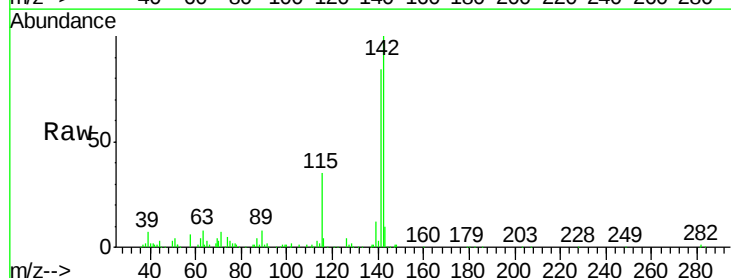
Manual Integrations
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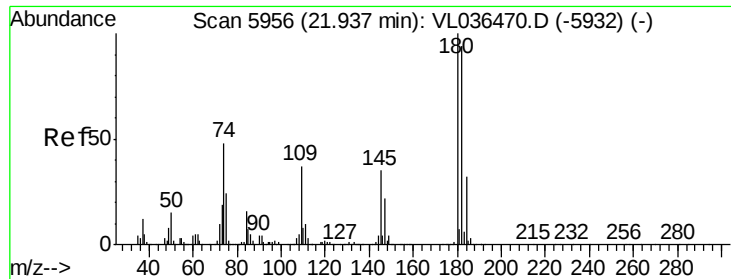
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#80
Naphthalene, 2-methyl-
Concen: 9.326 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. -0.01 min
Lab File: VL036641.D
Acq: 2 Apr 2021 11:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	73.5	67.8	101.8
115	36.9	34.0	51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.022 ppbv
 RT: 21.92 min Scan# 5951
 Delta R.T. -0.02 min
 Lab File: VL036641.D
 Acq: 2 Apr 2021 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.2	80.8	121.2
184	31.4	25.0	37.4

Manual Integrations
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