

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031921\
 Data File : VL036448.D
 Acq On : 19 Mar 2021 14:27
 Operator :
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 3/24/2021 6:14:38 PM

Quant Time: Mar 20 00:46:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1679884	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4066137	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3923312m	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	3169968	9.83	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	2087767	8.993	ppbv 98
3) Chlorodifluoromethane	2.98	51	1833897	9.230	ppbv 100
4) Chloromethane	3.13	50	922233	9.767	ppbv 95
5) Vinyl Chloride	3.25	62	868714	9.744	ppbv 98
6) Bromomethane	3.46	94	514271	9.305	ppbv 97
7) Chloroethane	3.55	64	316965	9.439	ppbv 100
8) Dichlorotetrafluoroethane	3.18	85	2098916	9.203	ppbv 98
9) Propene	3.00	41	783543	9.050	ppbv 95
10) Heptane	8.10	43	2141972	10.035	ppbv 100
11) Trichlorofluoromethane	3.94	101	2217458	9.249	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1452814	9.501	ppbv 99
13) Ethanol	3.60	45	161992m	12.194	ppbv
14) Bromoethene	3.73	108	616114	9.705	ppbv 98
15) Acetone	3.84	43	1724123	8.981	ppbv 99
16) 1,3-Butadiene	3.31	39	858031	9.266	ppbv 99
17) tert-Butyl alcohol	4.28	59	1643487	10.796	ppbv 100
18) 1,1-Dichloroethene	4.27	96	635855	9.350	ppbv 92
19) Isopropyl Alcohol	3.96	45	1098160	10.178	ppbv 99
20) Methylene Chloride	4.33	84	536818	8.296	ppbv 99
21) Allyl Chloride	4.40	41	1047176	9.674	ppbv 98
22) trans-1,2-Dichloroethene	4.87	96	594631	9.657	ppbv 95
23) Vinyl Acetate	5.06	43	2144590	9.871	ppbv 99
24) 1,1-Dichloroethane	5.00	63	1638262	9.554	ppbv 99
25) Ethyl Acetate	5.66	43	3585956	9.607	ppbv 99
26) Hexane	5.67	57	1453975	9.520	ppbv 99
27) Carbon Disulfide	4.53	76	1592341	10.505	ppbv 99
28) Methyl tert-Butyl Ether	5.02	73	1992171	9.734	ppbv 99
29) Chloroform	5.74	83	2385359	9.546	ppbv 100
30) Cyclohexane	7.11	84	1243963	9.857	ppbv 100
31) cis-1,2-Dichloroethene	5.54	61	1498985	10.161	ppbv 93
32) 1,1,1-Trichloroethane	6.49	97	2320578	9.242	ppbv 99
34) 2-Butanone	5.23	43	2275166	9.283	ppbv 99
35) Carbon Tetrachloride	7.00	117	2407579	9.164	ppbv 99
36) Benzene	6.88	78	3103910	9.838	ppbv 99
37) 1,2-Dichloroethane	6.29	62	1848251	9.323	ppbv 99
38) Trichloroethene	7.82	130	1101637	9.239	ppbv 98
39) 1,2-Dichloropropane	7.60	63	1231387	9.178	ppbv 96
40) 1,4-Dioxane	7.82	88	401940	9.126	ppbv # 1
41) Tetrahydrofuran	6.03	42	1346550	9.851	ppbv 98
42) Bromodichloromethane	7.78	83	2530250	9.444	ppbv 95
43) Methyl Methacrylate	8.00	69	1344993	10.526	ppbv 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	5270355	9.161	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	1454119	11.693	ppbv	97
46) cis-1,3-Dichloropropene	8.68	75	1781975	10.976	ppbv	98
47) 1,1,2-Trichloroethane	9.46	97	1254450	9.380	ppbv	92
48) Dibromochloromethane	10.29	129	2104197	10.389	ppbv	100
49) Bromoform	13.02	173	1776756	10.724	ppbv	98
50) 4-Methyl-2-Pentanone	8.73	43	3529375	9.891	ppbv	99
51) 2-Hexanone	10.11	43	2922296	10.833	ppbv #	100
52) Tetrachloroethene	11.20	164	1050510	8.878	ppbv	97
53) Toluene	9.79	91	3458532	10.178	ppbv	100
54) 1,2-Dibromoethane	10.59	107	1850350	9.583	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1562701	8.988	ppbv	99
57) Chlorobenzene	12.13	112	2550918	9.002	ppbv	97
58) Ethyl Benzene	12.69	91	4737134	9.718	ppbv	98
59) m/p-Xylene	12.98	91	8045165m	18.666	ppbv	
60) o-Xylene	13.68	91	3765449	9.094	ppbv	99
61) Styrene	13.51	104	2685358	10.665	ppbv	99
62) Isopropylbenzene	14.65	105	5681362	9.100	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2712785	8.380	ppbv	100
64) n-propylbenzene	15.55	120	1482339	9.506	ppbv	98
65) tert-Butylbenzene	16.73	119	4897002	9.016	ppbv	100
66) Benzyl Chloride	16.97	91	1757457	11.590	ppbv	99
67) sec-Butylbenzene	17.28	105	6924397	9.129	ppbv	99
69) p-Isopropyltoluene	17.64	119	5684366	9.366	ppbv	100
70) n-Butylbenzene	18.54	91	5865434	9.349	ppbv	100
71) 2-Chlorotoluene	15.44	91	4369969	9.305	ppbv	98
72) 4-Ethyltoluene	15.82	105	4364684	9.706	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	4181684	9.584	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	4198125	9.062	ppbv	94
75) 1,3-Dichlorobenzene	16.98	146	2343499	9.109	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2291943	8.915	ppbv	100
77) 1,2-Dichlorobenzene	17.80	146	2254880	8.952	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1642569	8.195	ppbv	98
79) Naphthalene	22.18	128	3007677	11.084	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	978168	16.672	ppbv	100
81) 1,2,4-Trichlorobenzene	21.91	180	1603614	10.281	ppbv	99

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

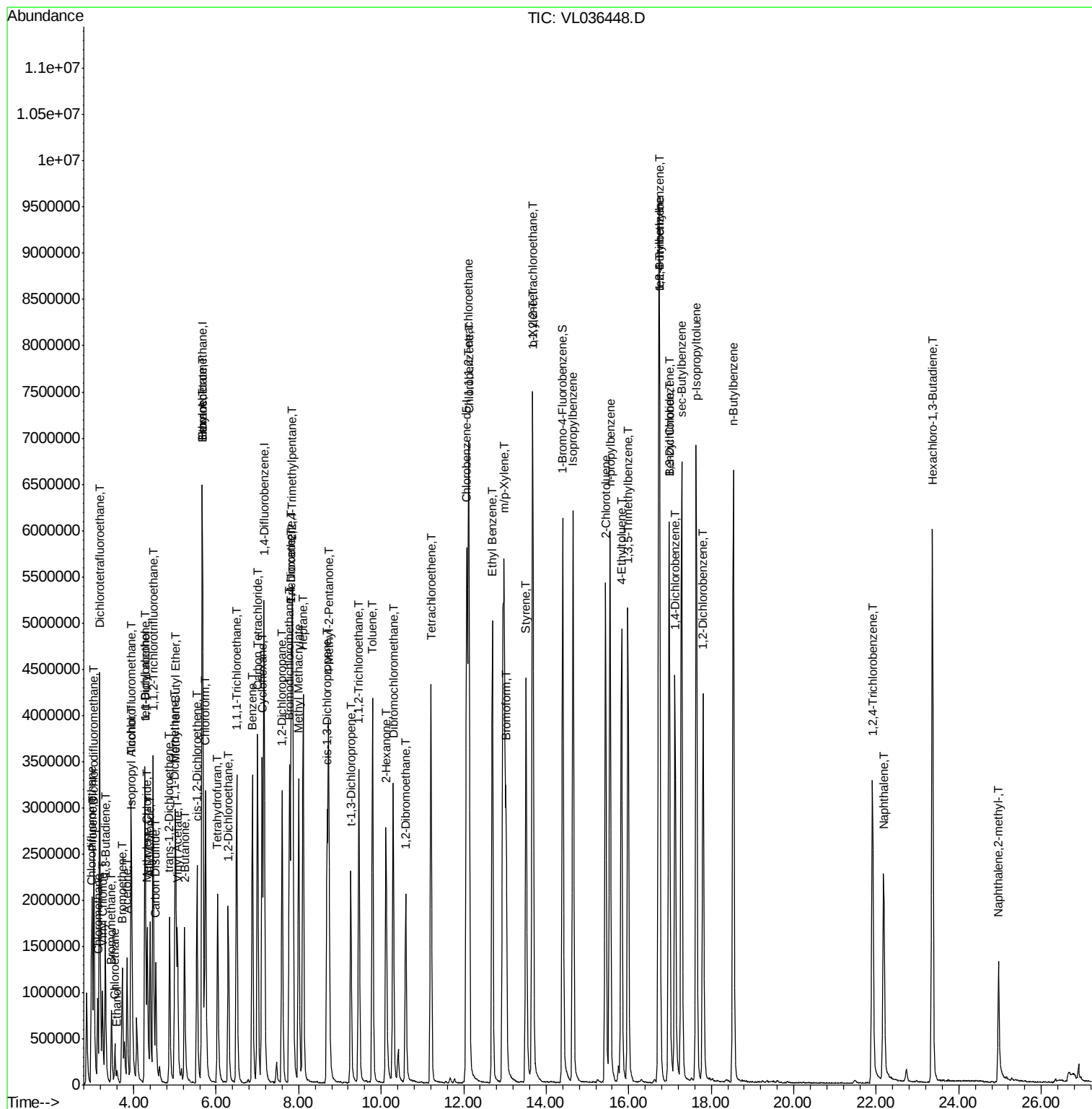
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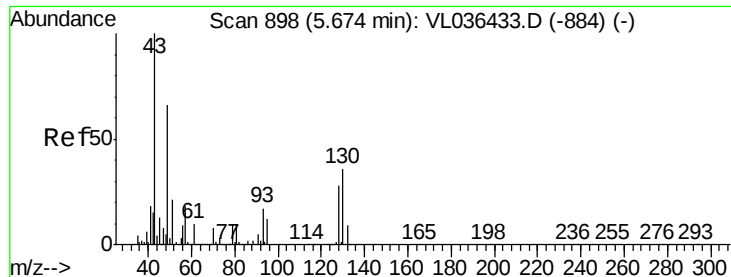
Instrument :
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QLast Update : Wed Mar 03 14:18:24 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 49 Resp: 1679884

Ion Ratio Lower Upper

49 100

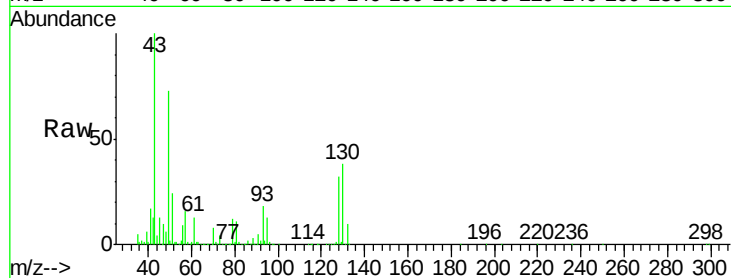
128 45.2 22.4 67.2

130 57.7 28.0 84.0

Manual Integrations
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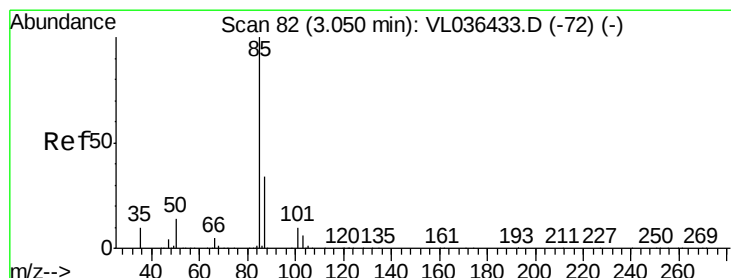
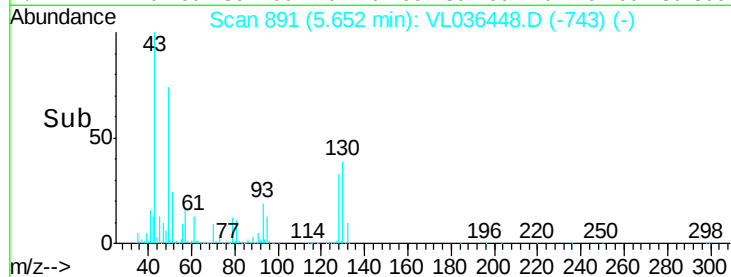
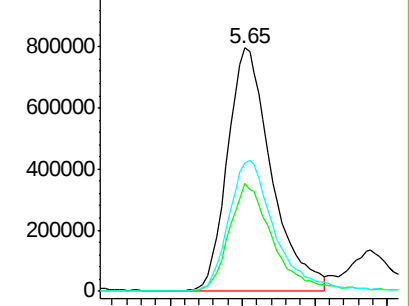
3/24/2021 6:14:38 PM



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: 8.993 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.02 min

Lab File: VL036448.D

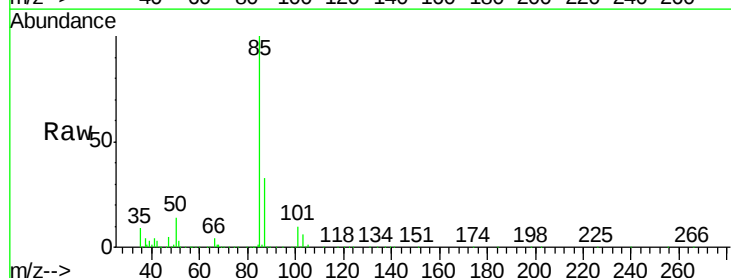
Acq: 19 Mar 2021 14:27

Tgt Ion: 85 Resp: 2087767

Ion Ratio Lower Upper

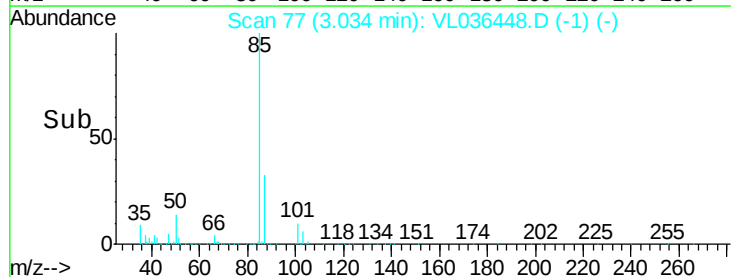
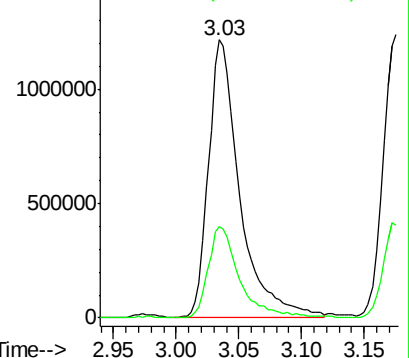
85 100

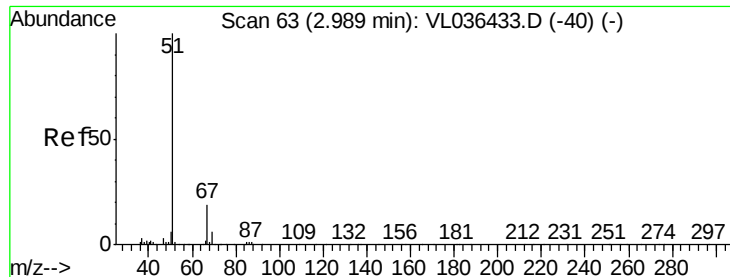
87 32.9 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.230 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.01 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 51 Resp: 1833897

Ion Ratio Lower Upper

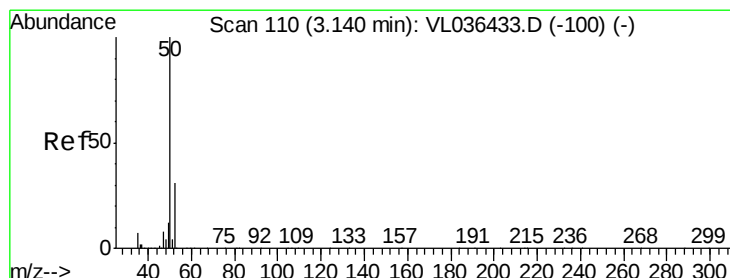
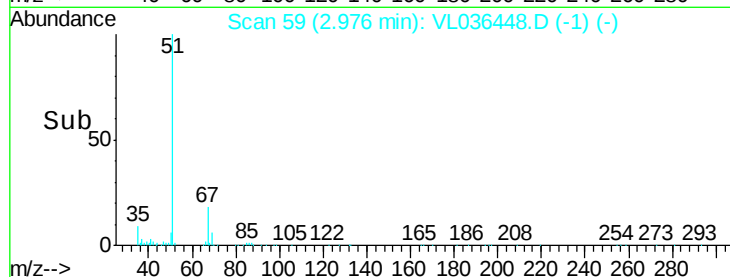
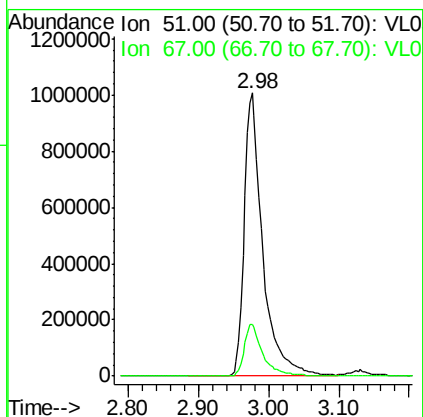
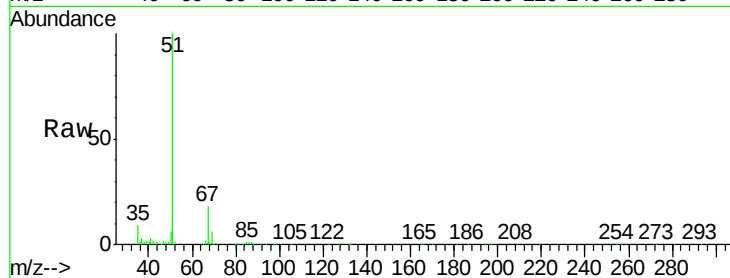
51 100

67 18.5 14.8 22.2

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#4

Chloromethane

Concen: 9.767 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL036448.D

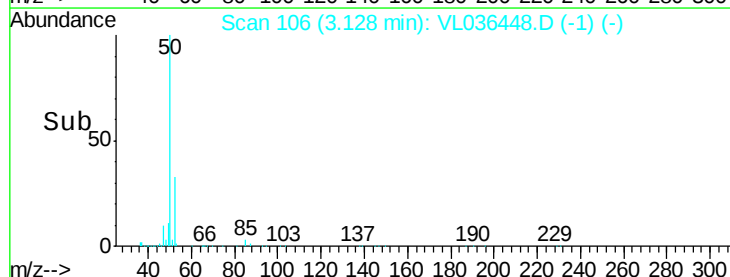
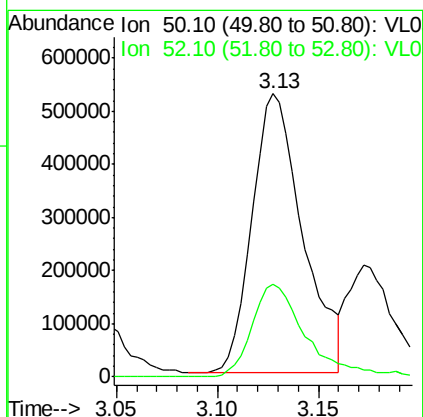
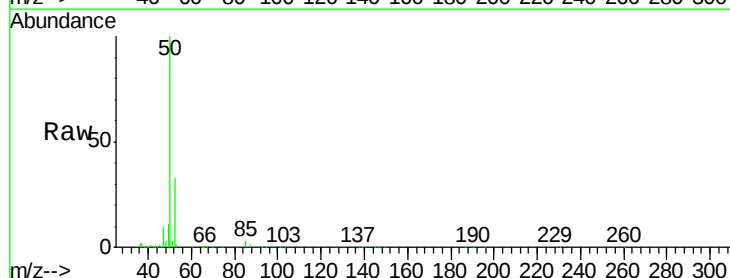
Acq: 19 Mar 2021 14:27

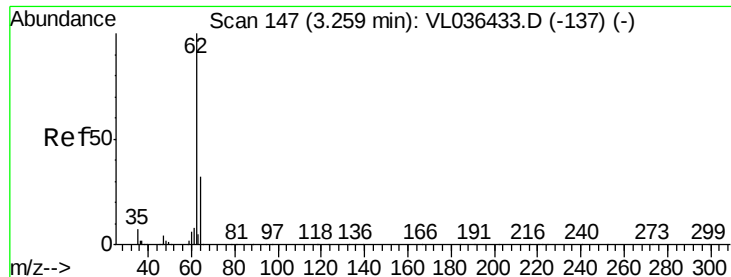
Tgt Ion: 50 Resp: 922233

Ion Ratio Lower Upper

50 100

52 33.4 24.6 36.8





#5

Vinyl Chloride

Concen: 9.744 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.01 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 62 Resp: 868714

Ion Ratio Lower Upper

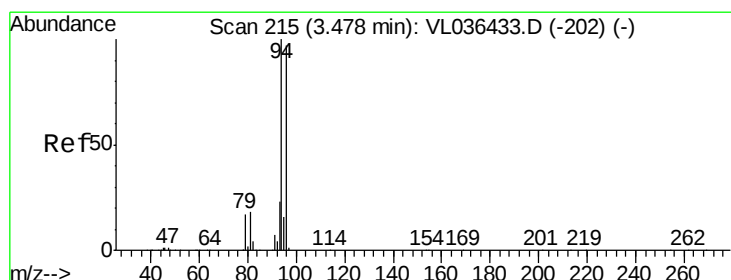
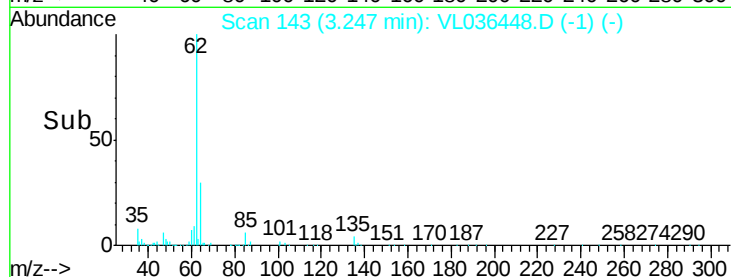
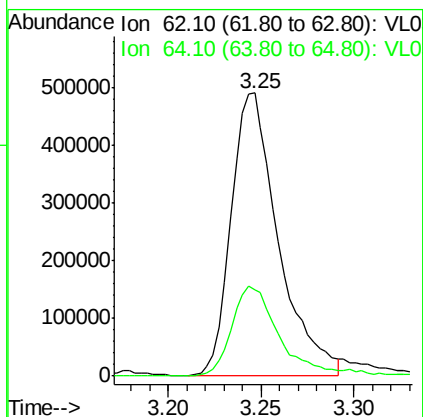
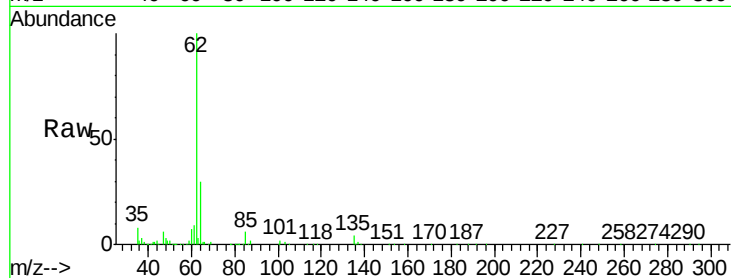
62 100

64 30.5 25.4 38.2

Manual Integrations
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#6

Bromomethane

Concen: 9.305 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.02 min

Lab File: VL036448.D

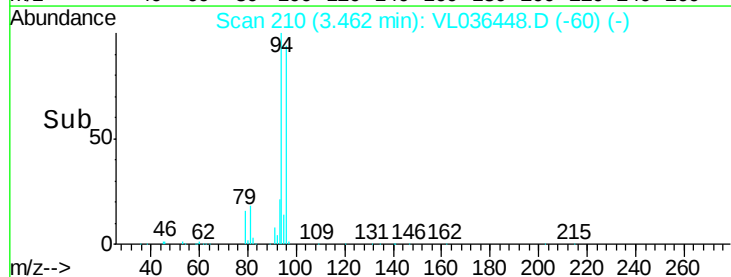
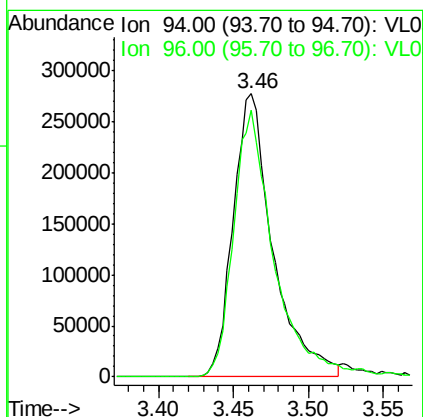
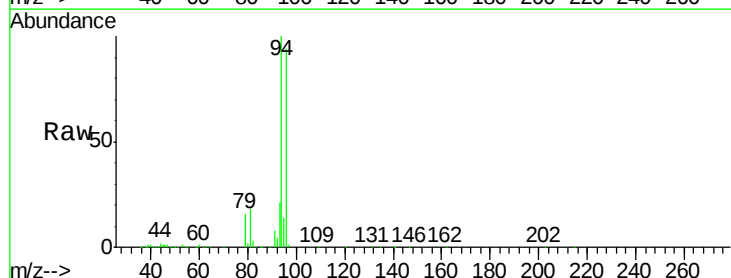
Acq: 19 Mar 2021 14:27

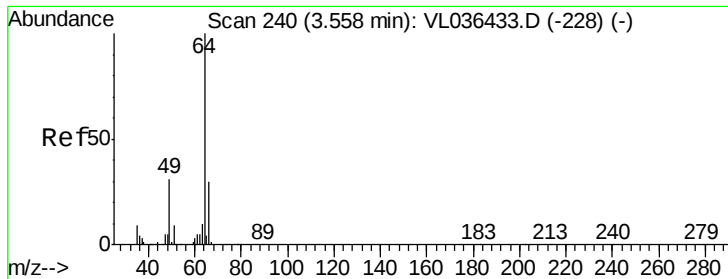
Tgt Ion: 94 Resp: 514271

Ion Ratio Lower Upper

94 100

96 94.0 77.3 115.9





#7

Chloroethane

Concen: 9.439 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.01 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

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ClientSampleId :

VSTDCCC010

Tot Ion: 64 Resp: 316965

Ion Ratio Lower Upper

64 100

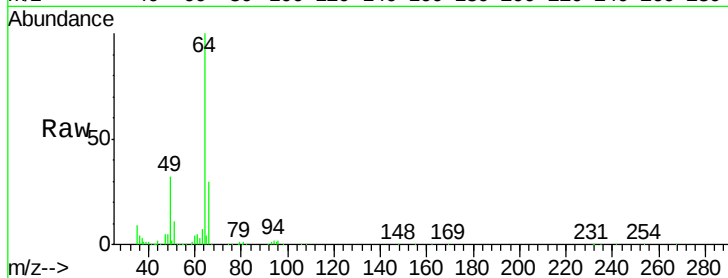
66 30.3 24.3 36.5

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.55

200000

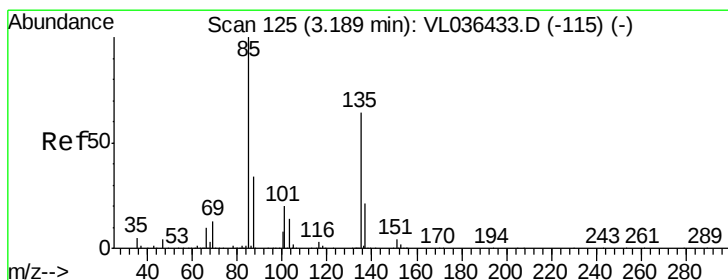
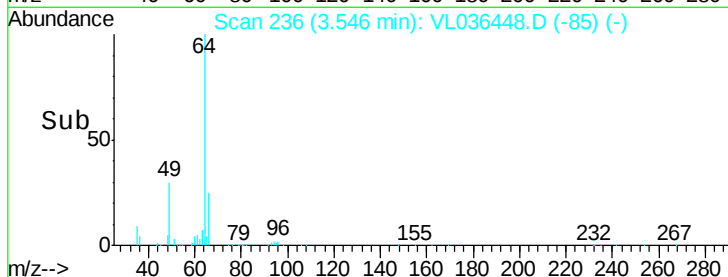
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.203 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.01 min

Lab File: VL036448.D

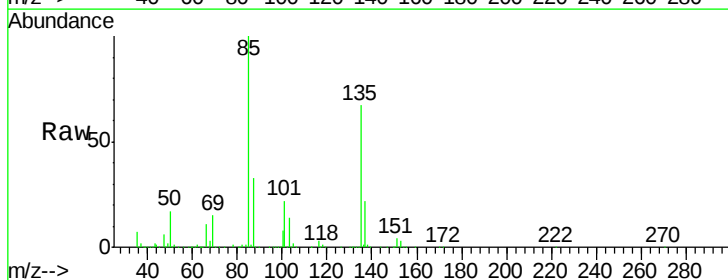
Acq: 19 Mar 2021 14:27

Tgt Ion: 85 Resp: 2098916

Ion Ratio Lower Upper

85 100

135 67.4 52.8 79.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

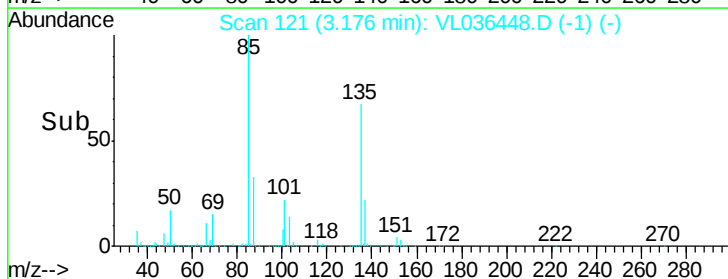
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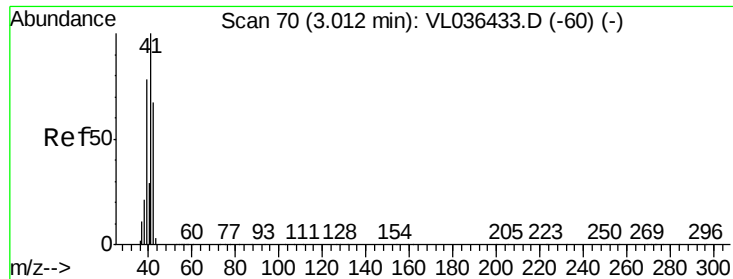
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500000

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Time-->





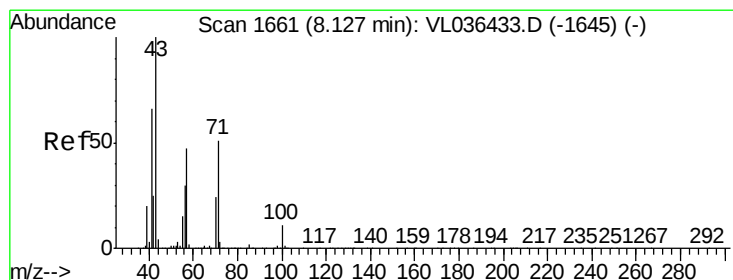
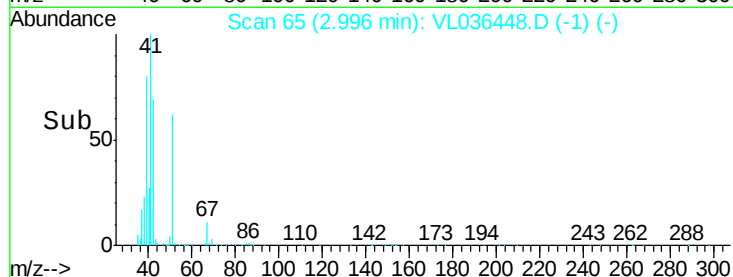
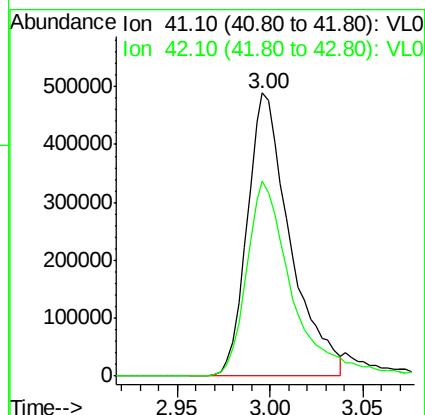
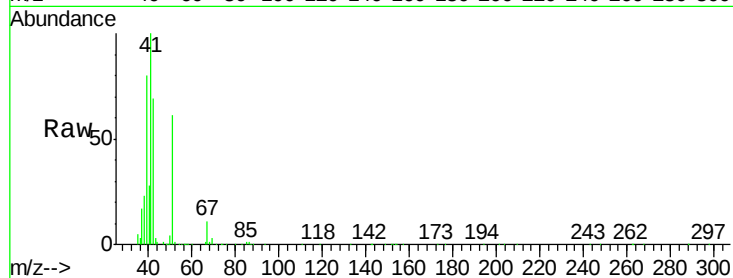
#9
 Propene
 Concen: 9.050 ppbv
 RT: 3.00 min Scan# 65
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 41 Resp: 783543
 Ion Ratio Lower Upper
 41 100
 42 74.8 56.2 84.4

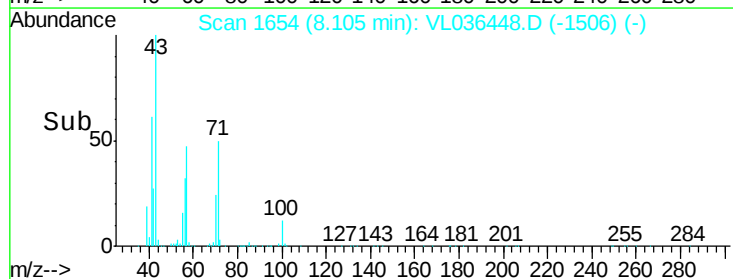
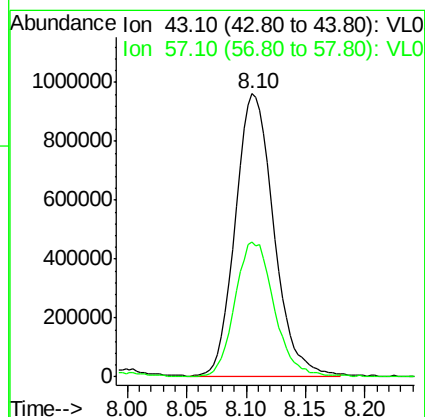
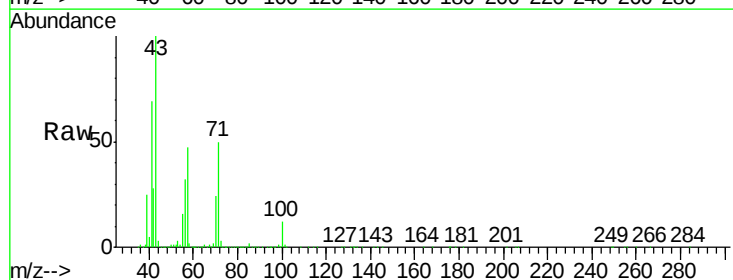
Manual Integrations
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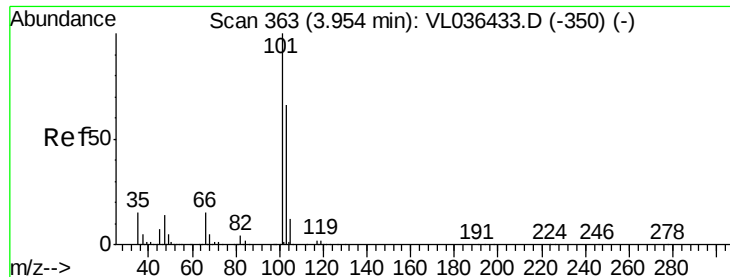
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#10
 Heptane
 Concen: 10.035 ppbv
 RT: 8.10 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion: 43 Resp: 2141972
 Ion Ratio Lower Upper
 43 100
 57 48.8 39.1 58.7





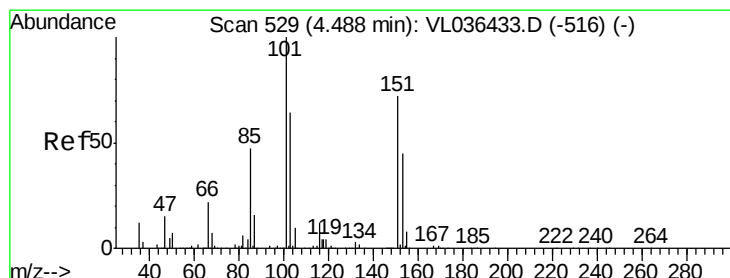
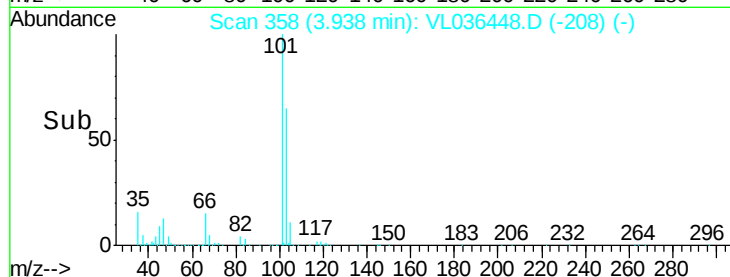
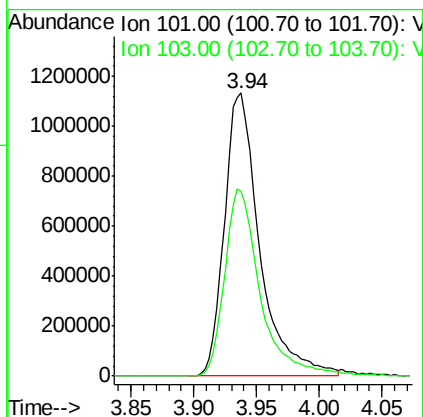
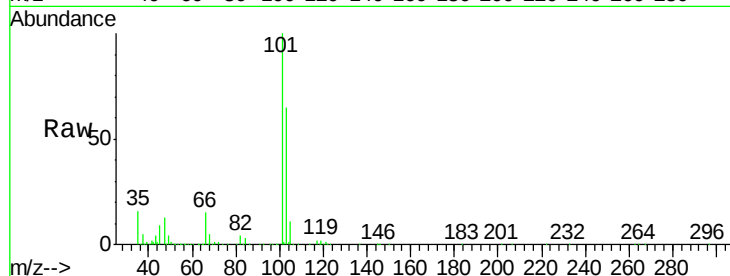
#11
 Trichlorofluoromethane
 Concen: 9.249 ppbv
 RT: 3.94 min Scan# 358
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:101 Resp: 2217458
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.4 78.6

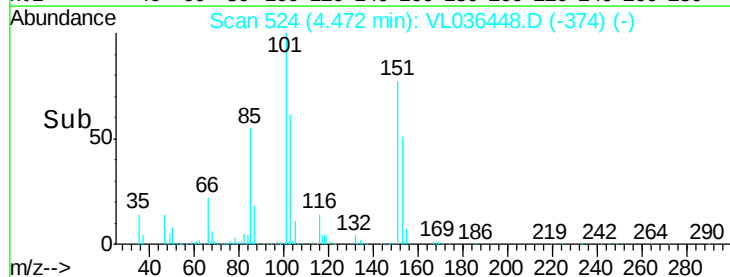
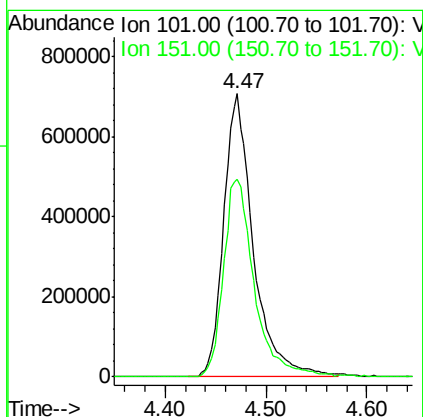
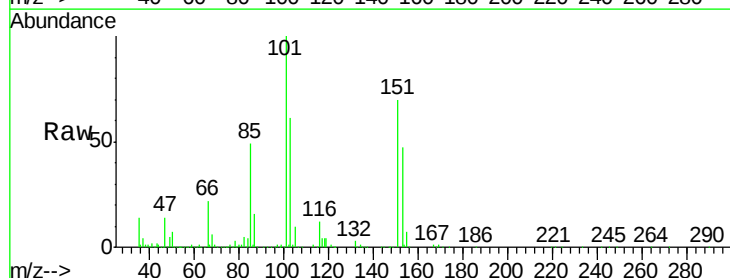
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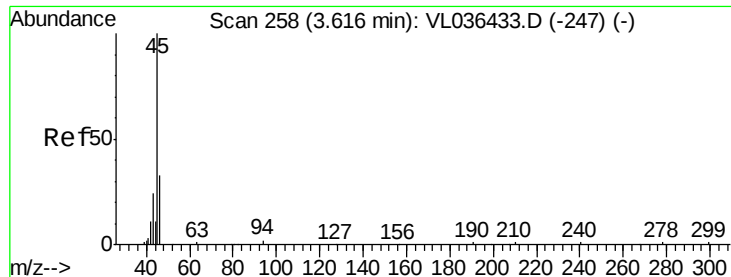
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.501 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion:101 Resp: 1452814
 Ion Ratio Lower Upper
 101 100
 151 73.2 59.0 88.4





#13

Ethanol

Concen: 12.194 ppbv m

RT: 3.60 min Scan# 253

Delta R.T. -0.02 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 45 Resp: 161992

Ion Ratio Lower Upper

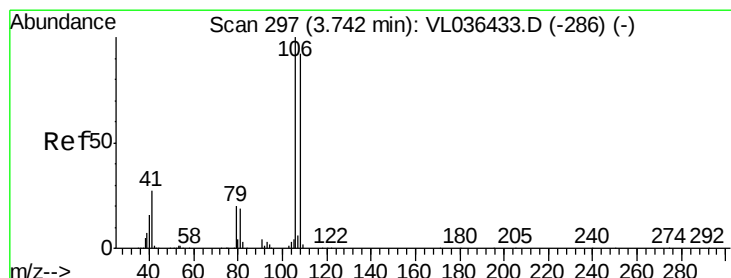
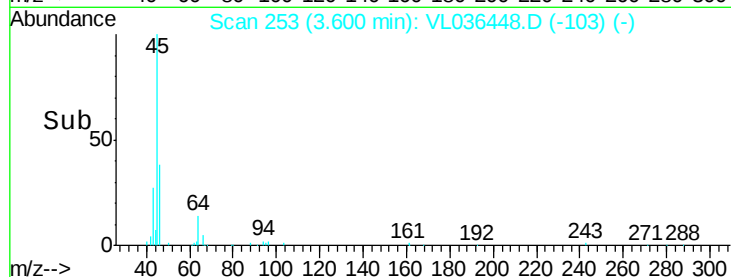
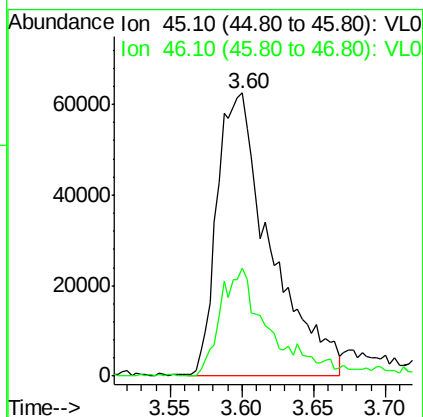
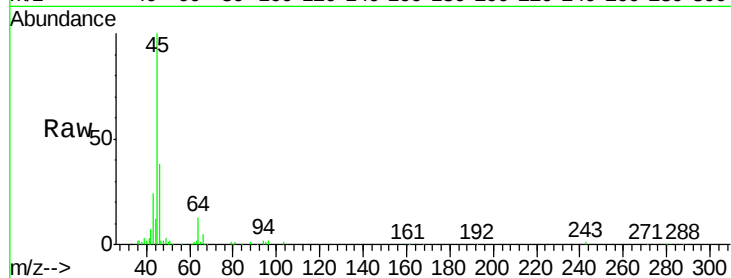
45 100

46 35.5 16.8 67.4

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#14

Bromoethene

Concen: 9.705 ppbv

RT: 3.73 min Scan# 292

Delta R.T. -0.02 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

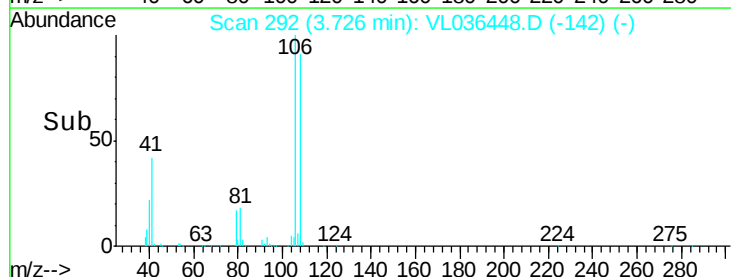
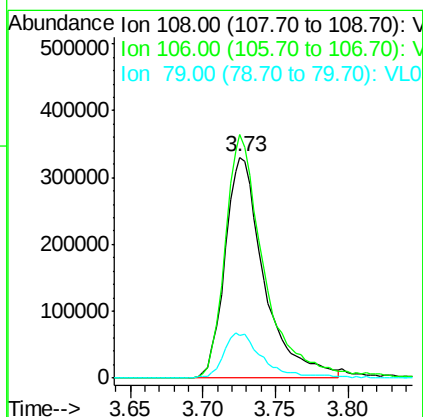
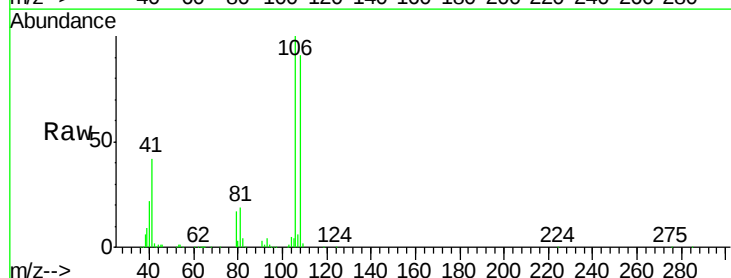
Tgt Ion: 108 Resp: 616114

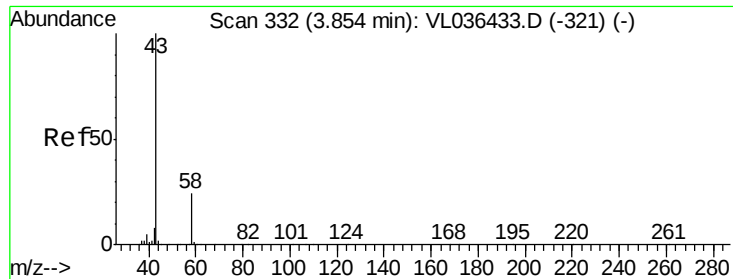
Ion Ratio Lower Upper

108 100

106 111.1 87.0 130.4

79 20.6 17.1 25.7





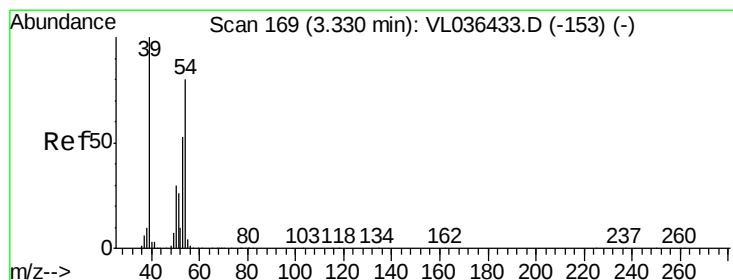
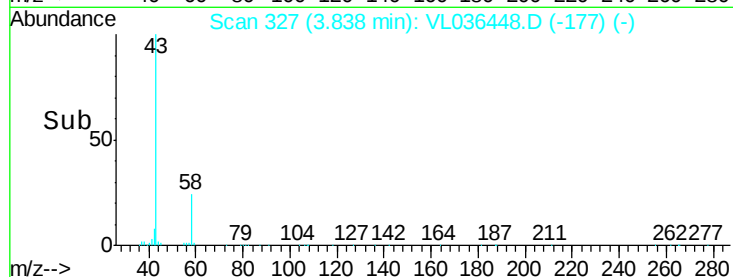
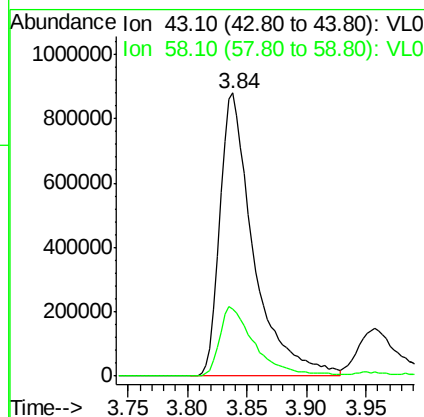
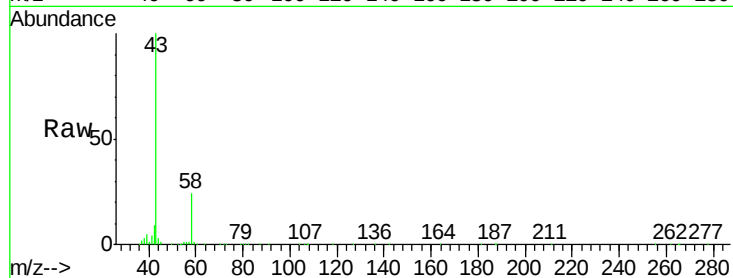
#15
Acetone
Concen: 8.981 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1724123
Ion Ratio Lower Upper
43 100
58 26.0 21.0 31.6

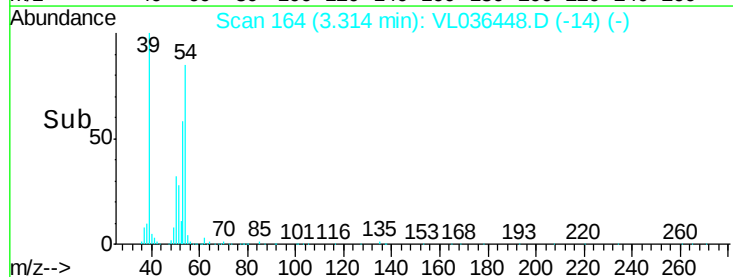
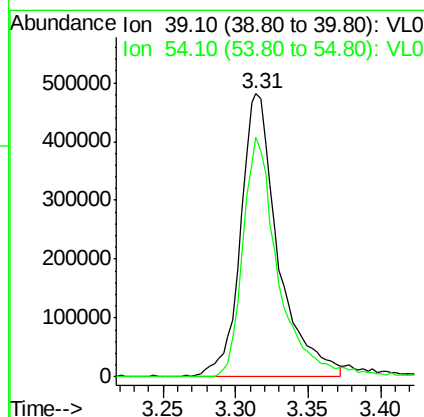
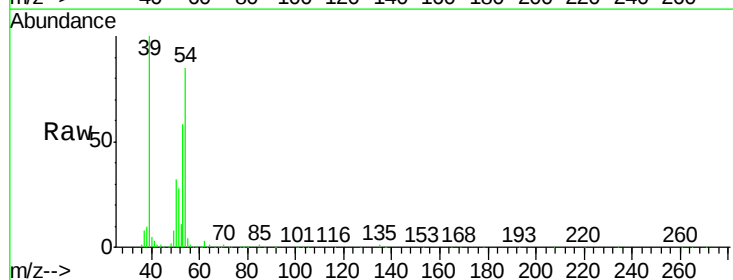
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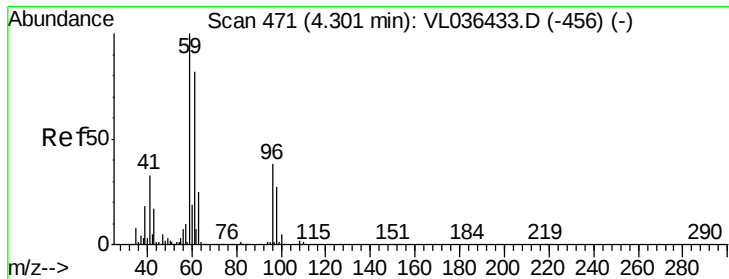
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#16
1,3-Butadiene
Concen: 9.266 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion: 39 Resp: 858031
Ion Ratio Lower Upper
39 100
54 81.6 64.5 96.7





#17

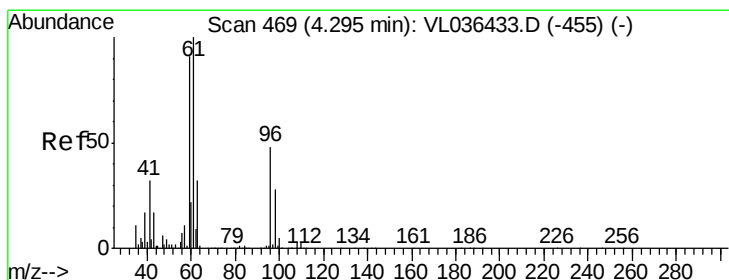
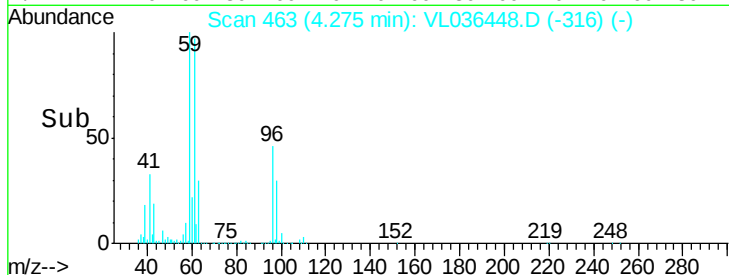
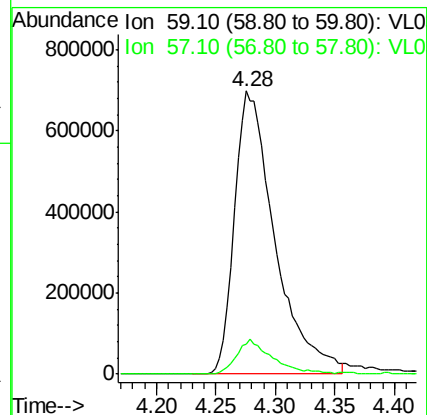
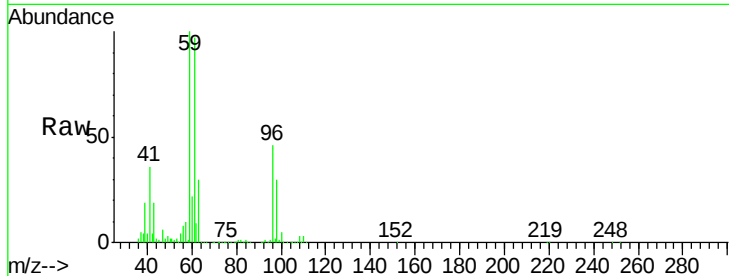
tert-Butyl alcohol
Concen: 10.796 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 59 Resp: 1643487
Ion Ratio Lower Upper
59 100
57 11.2 8.9 13.3

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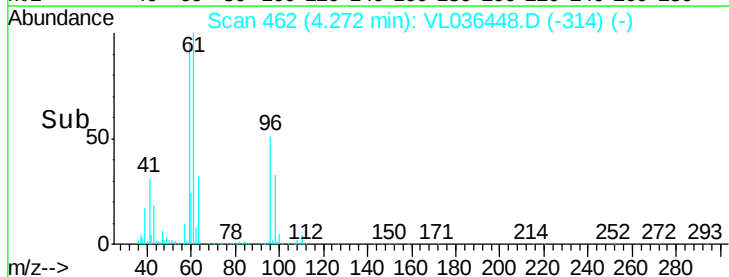
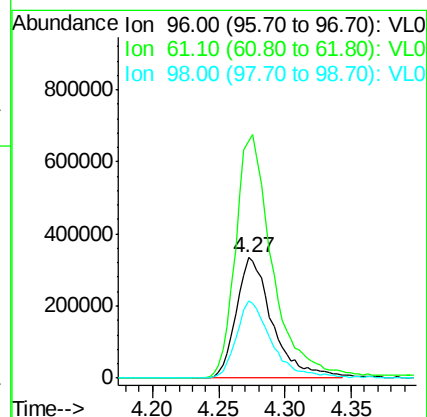
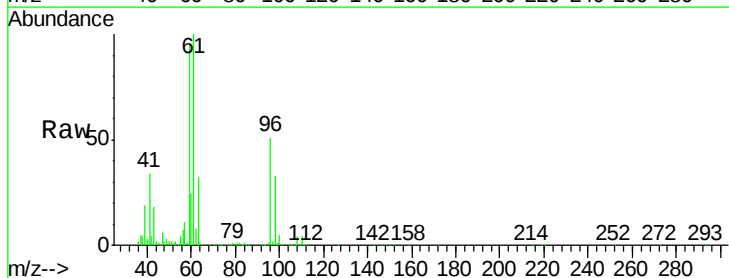
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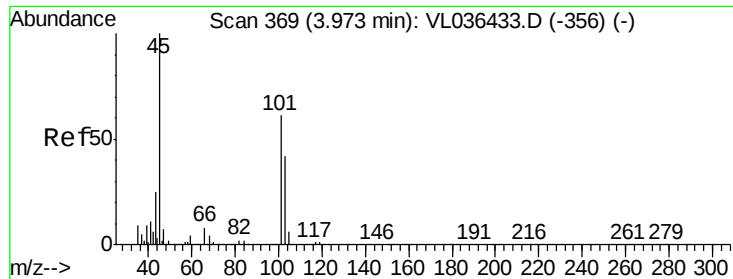


#18

1,1-Dichloroethene
Concen: 9.350 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion: 96 Resp: 635855
Ion Ratio Lower Upper
96 100
61 196.6 168.2 252.2
98 64.1 47.8 71.6





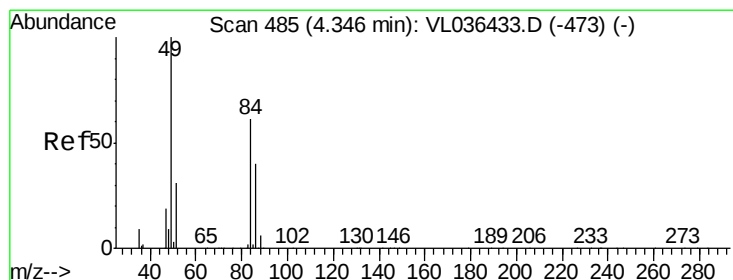
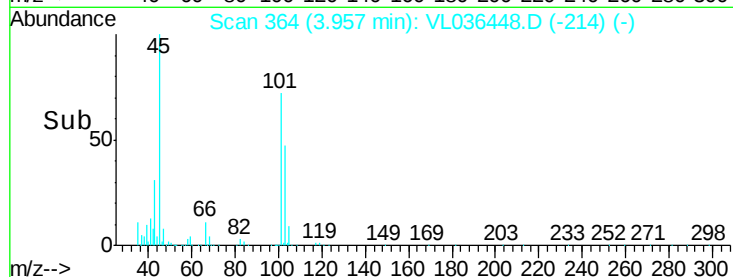
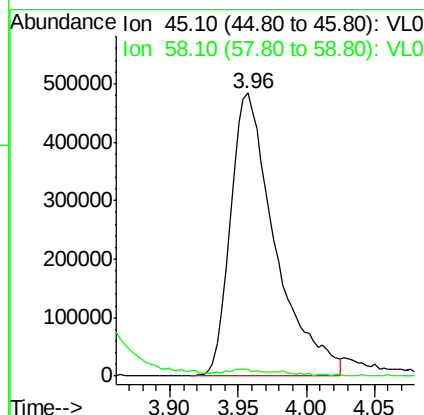
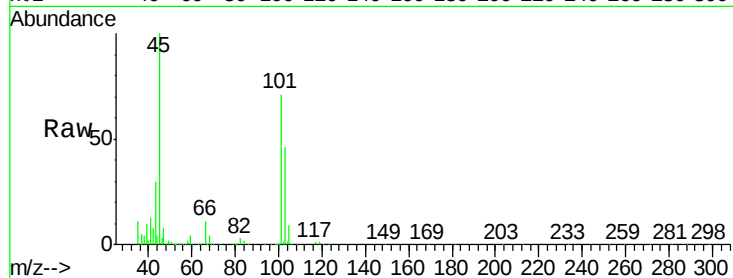
#19
Isopropyl Alcohol
Concen: 10.178 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 45 Resp: 1098160
Ion Ratio Lower Upper
45 100
58 2.7 2.0 3.0

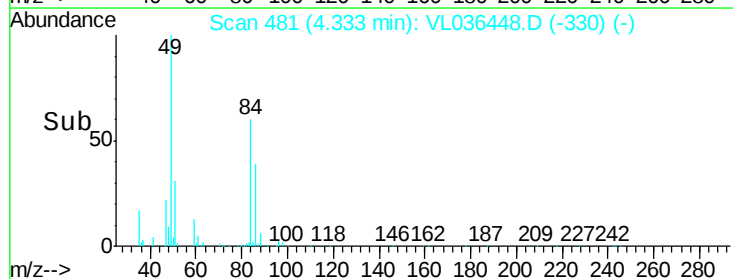
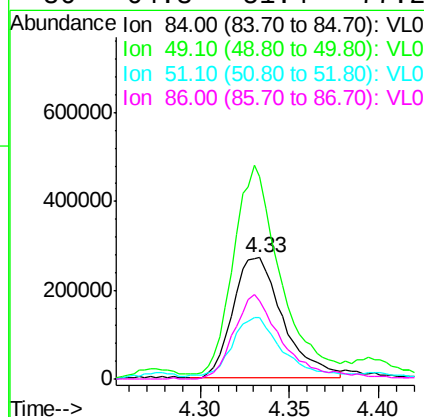
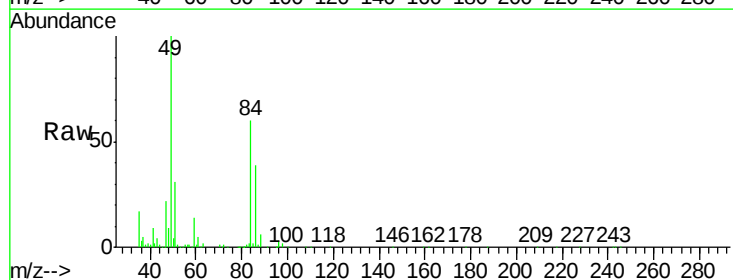
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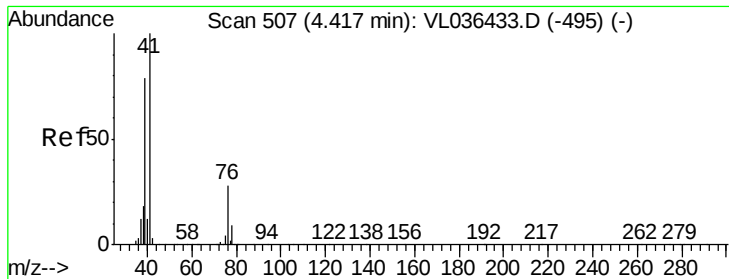
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#20
Methylene Chloride
Concen: 8.296 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion: 84 Resp: 536818
Ion Ratio Lower Upper
84 100
49 163.1 130.2 195.2
51 47.5 40.5 60.7
86 64.3 51.4 77.2





#21

Allvl Chloride

Concen: 9.674 ppbv

RT: 4.40 min Scan# 501

Delta R.T. -0.02 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

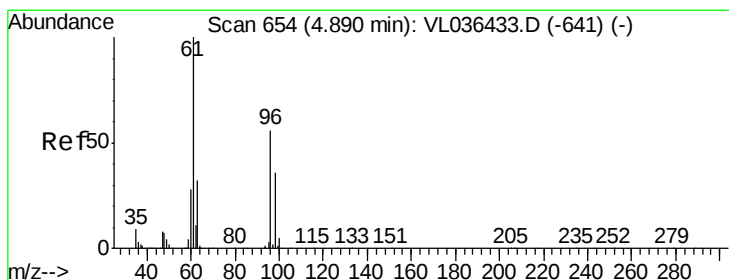
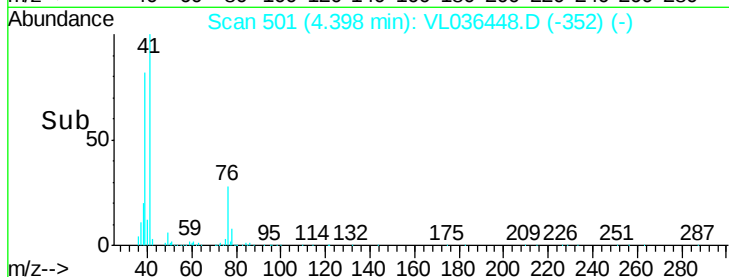
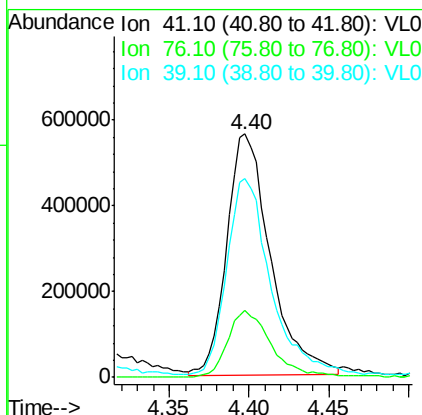
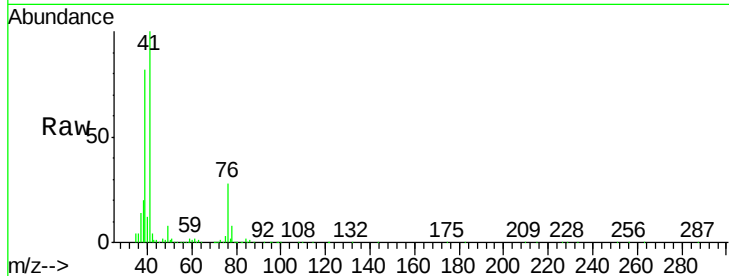
ClientSampleId :

VSTDCCC010

Tot Ion:	41	Resp:	1047176
Ion	Ratio	Lower	Upper
41	100		
76	28.1	21.8	32.8
39	84.5	66.0	99.0

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#22

trans-1,2-Dichloroethene

Concen: 9.657 ppbv

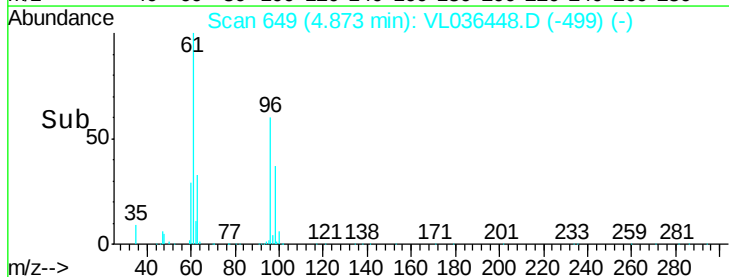
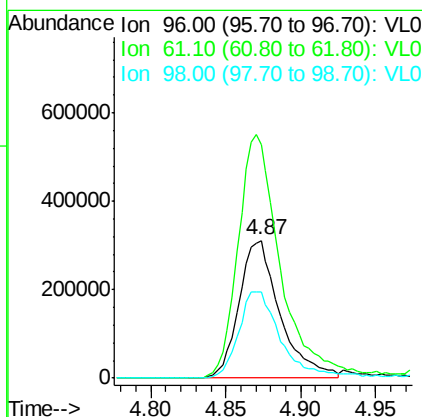
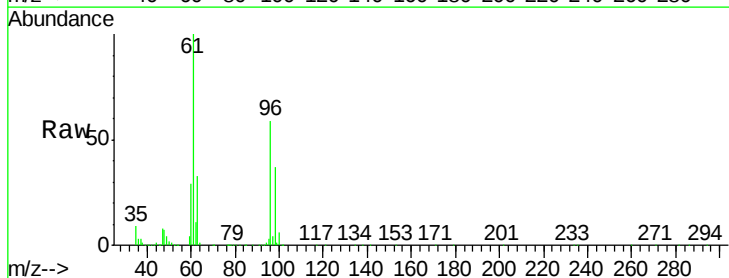
RT: 4.87 min Scan# 649

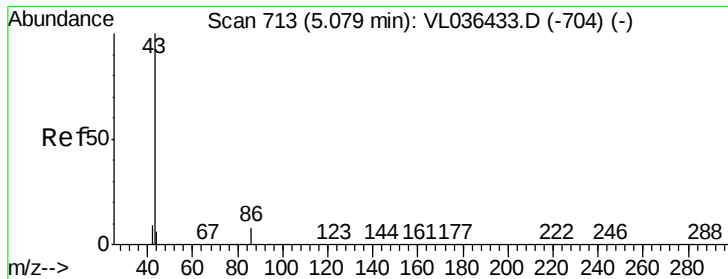
Delta R.T. -0.02 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Tgt Ion:	96	Resp:	594631
Ion	Ratio	Lower	Upper
96	100		
61	168.8	142.1	213.1
98	62.4	50.6	75.8





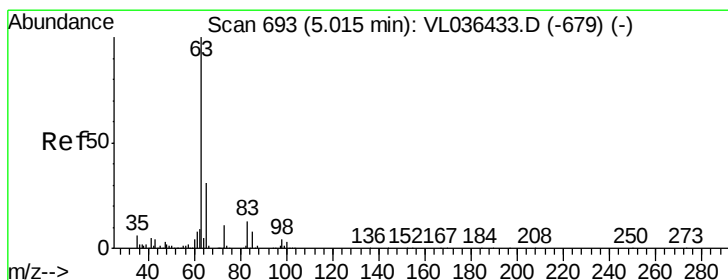
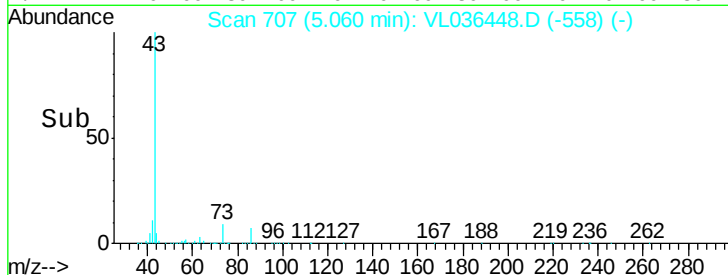
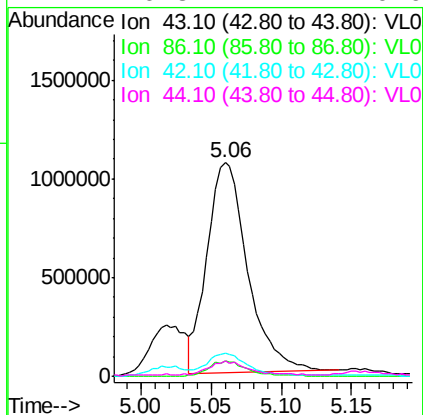
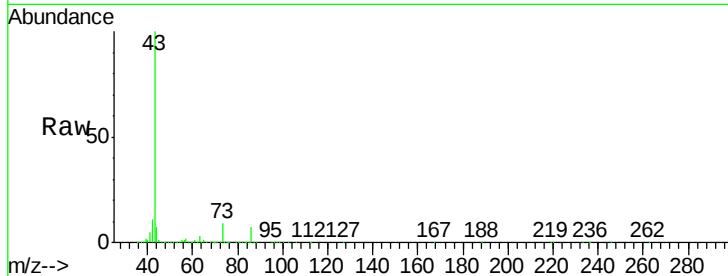
#23
 Vinyl Acetate
 Concen: 9.871 ppbv
 RT: 5.06 min Scan# 707
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	43	Resp	2144590
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.2	7.8
42	10.5	8.3	12.5
44	6.3	4.4	6.6

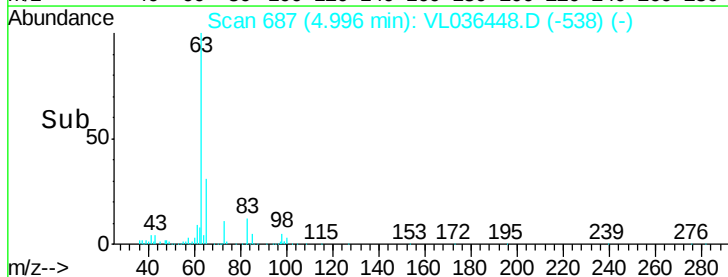
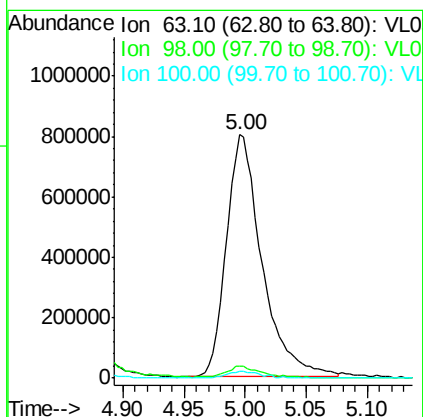
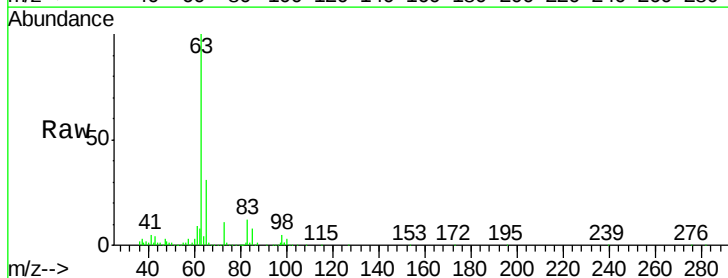
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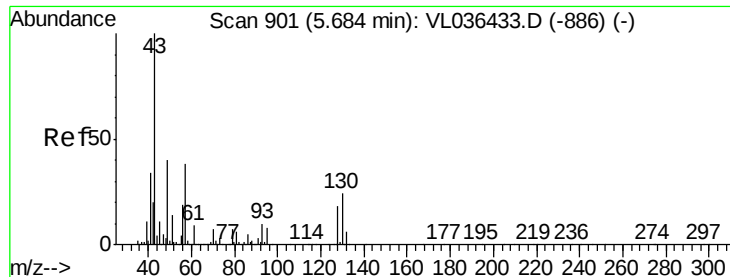
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#24
 1,1-Dichloroethane
 Concen: 9.554 ppbv
 RT: 5.00 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion	63	Resp	1638262
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.0	5.8
100	2.9	1.3	3.8





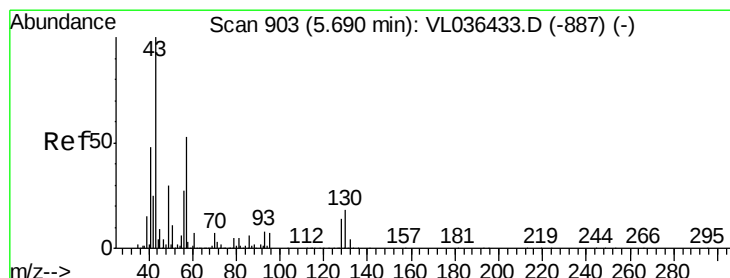
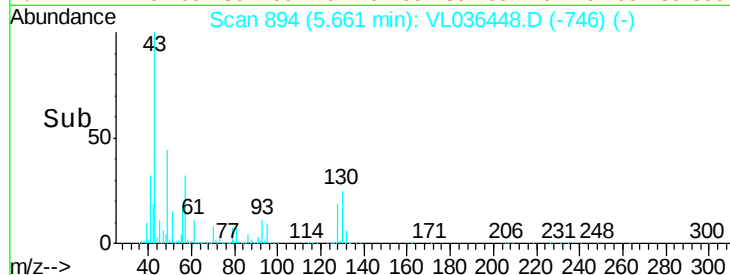
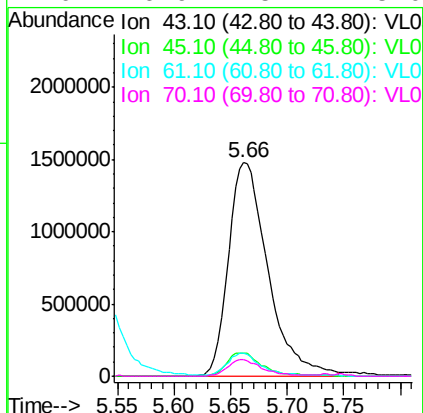
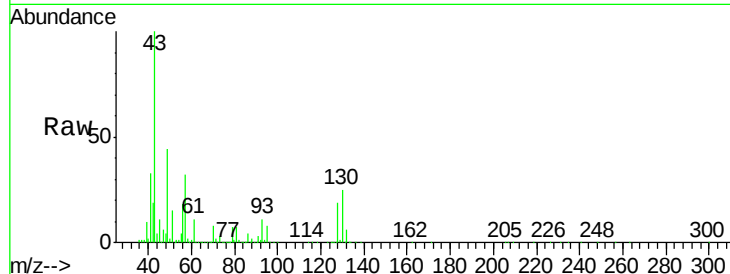
#25
Ethyl Acetate
Concen: 9.607 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	43	Resp	3585956
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.0	12.0
61	10.1	7.7	11.5
70	6.9	5.4	8.0

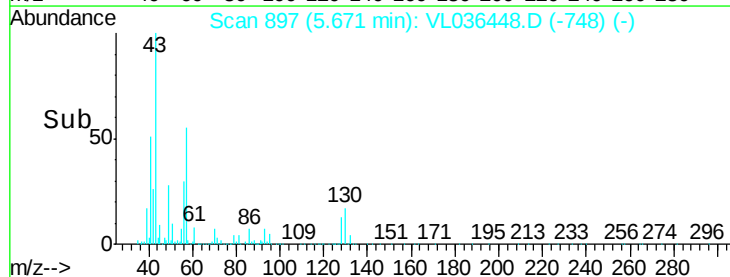
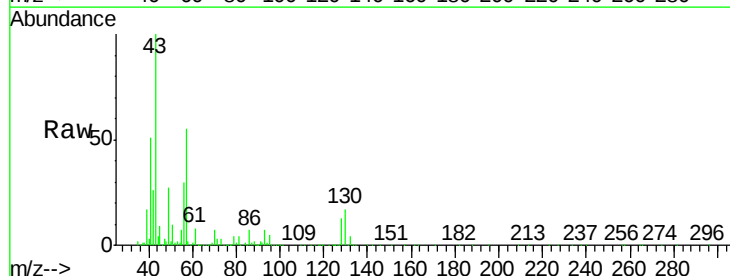
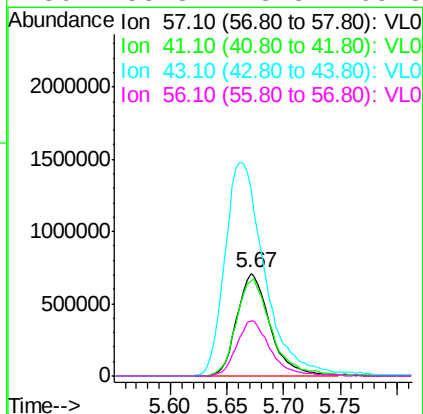
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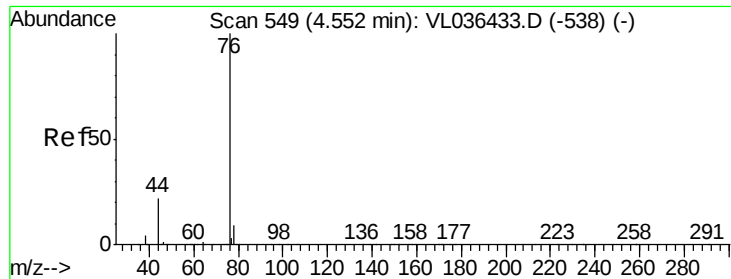
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#26
Hexane
Concen: 9.520 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion	57	Resp	1453975
Ion	Ratio	Lower	Upper
57	100		
41	101.8	80.4	120.6
43	251.2	199.8	299.6
56	55.3	43.8	65.8





#27

Carbon Disulfide

Concen: 10.505 ppbv

RT: 4.53 min Scan# 543

Delta R.T. -0.02 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 76 Resp: 1592341

Ion Ratio Lower Upper

76 100

44 21.4 17.4 26.0

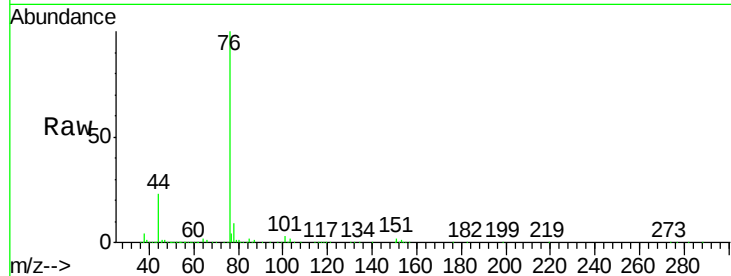
78 9.9 7.4 11.0

Manual Integrations

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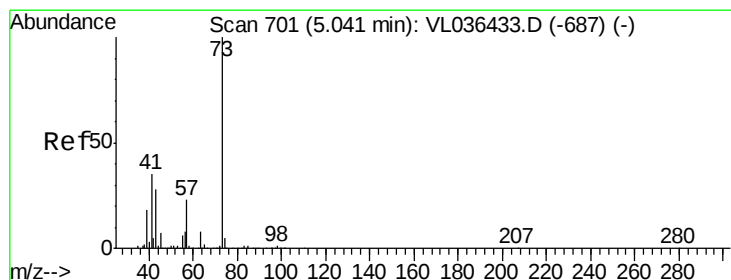
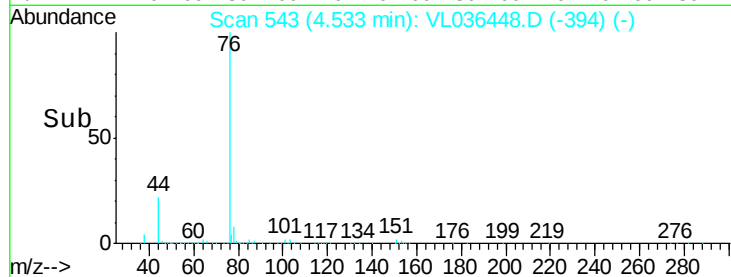
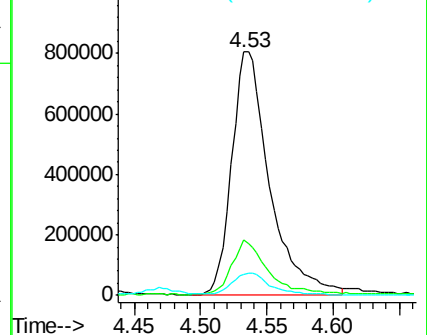
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Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.734 ppbv

RT: 5.02 min Scan# 695

Delta R.T. -0.02 min

Lab File: VL036448.D

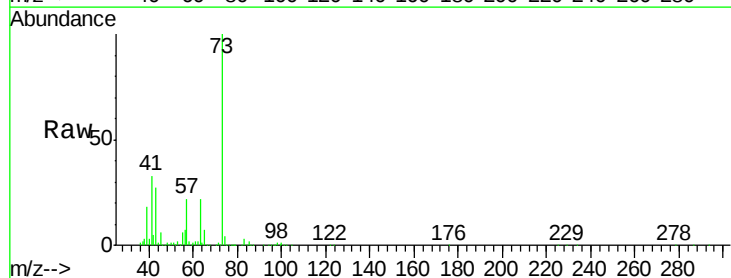
Acq: 19 Mar 2021 14:27

Tgt Ion: 73 Resp: 1992171

Ion Ratio Lower Upper

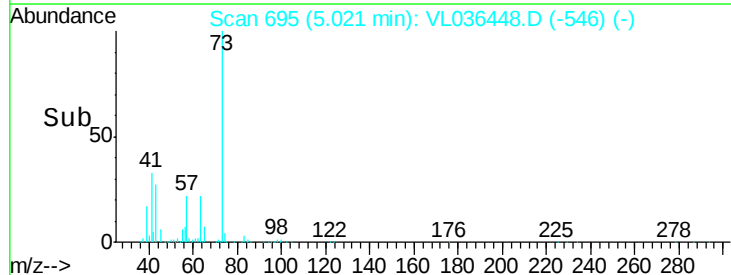
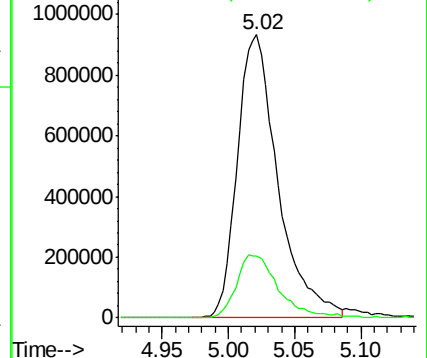
73 100

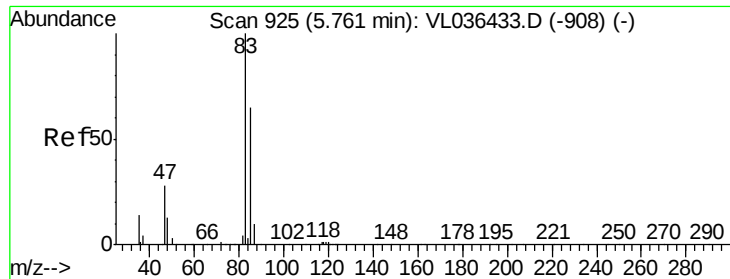
57 23.3 19.0 28.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





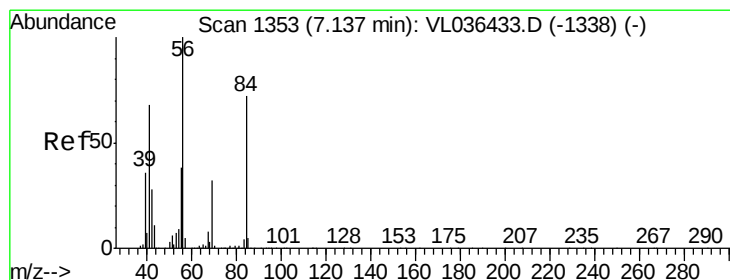
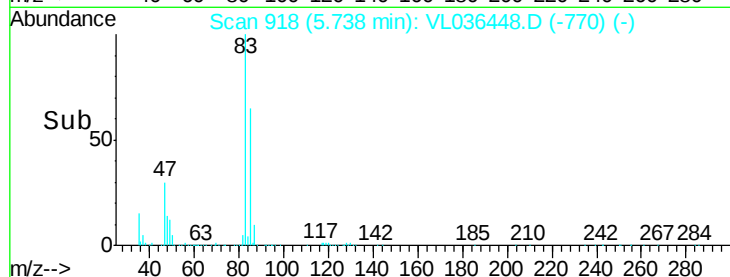
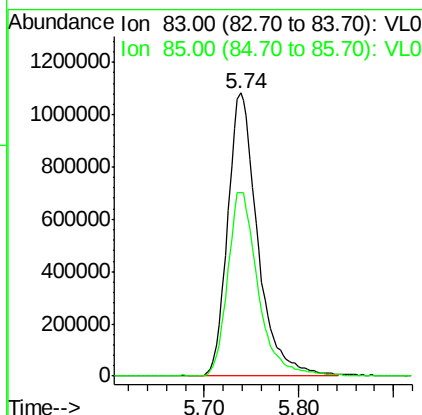
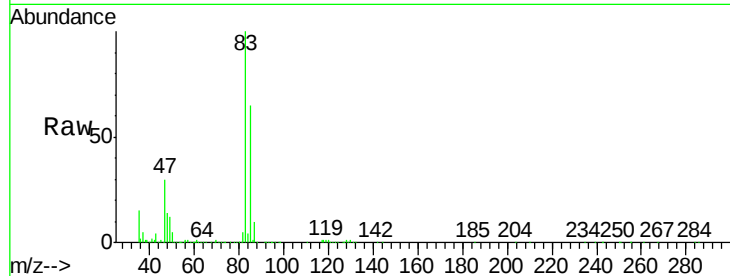
#29
Chloroform
Concen: 9.546 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 2385359
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9

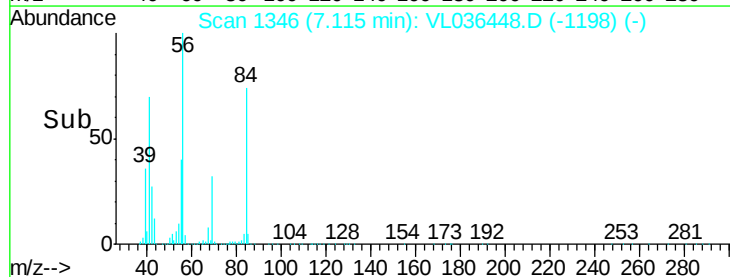
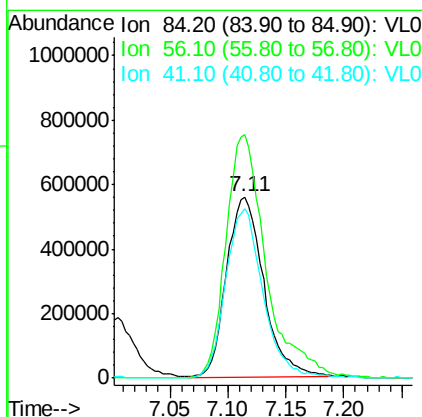
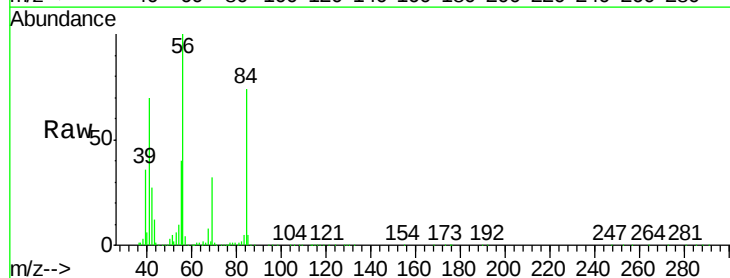
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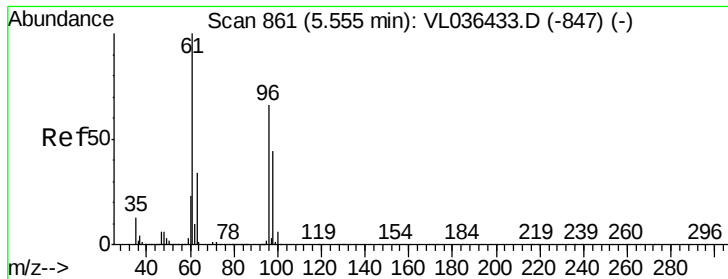
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#30
Cyclohexane
Concen: 9.857 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion: 84 Resp: 1243963
Ion Ratio Lower Upper
84 100
56 146.4 117.6 176.4
41 94.7 75.9 113.9





#31

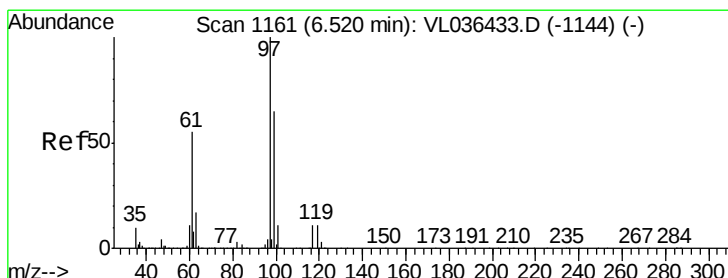
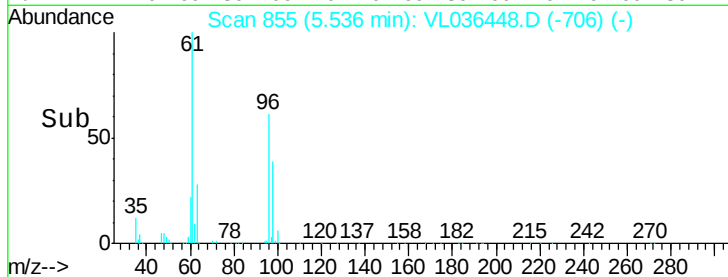
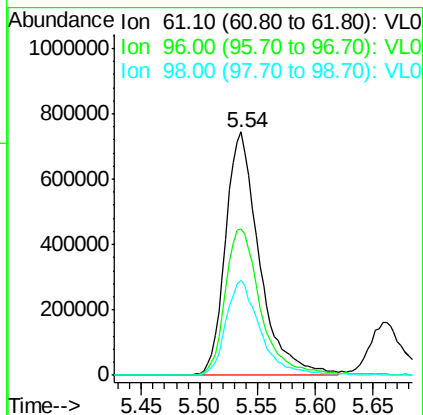
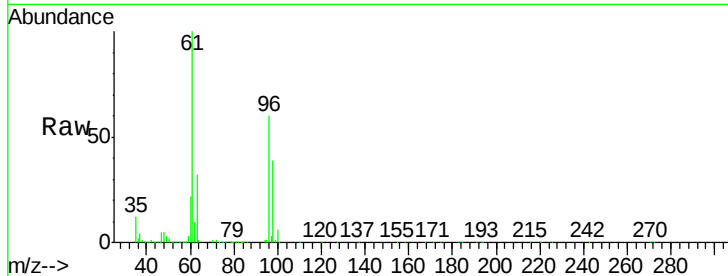
cis-1,2-Dichloroethene
Concen: 10.161 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	60.2	52.9	79.3
98	39.2	34.9	52.3

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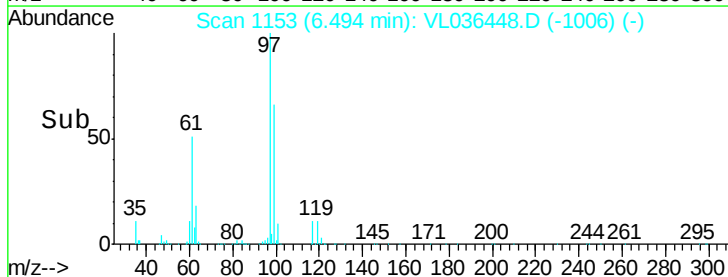
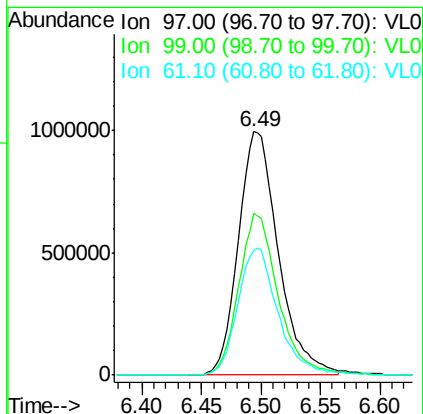
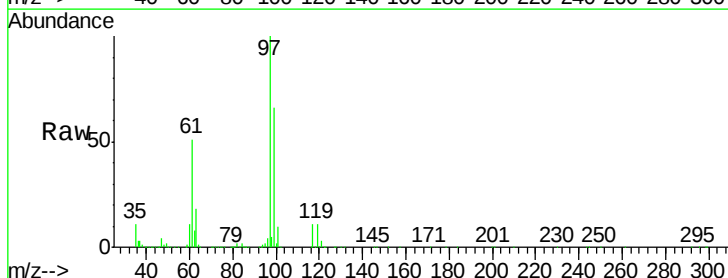
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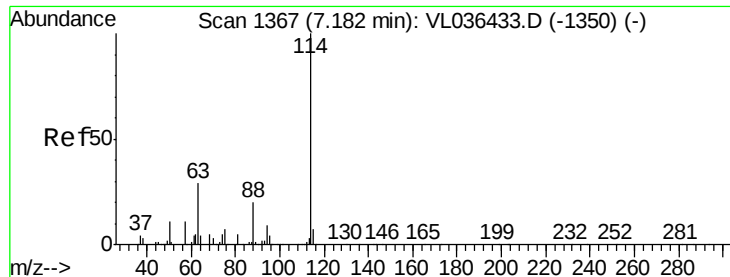


#32

1,1,1-Trichloroethane
Concen: 9.242 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.1	78.1
61	52.3	42.2	63.4





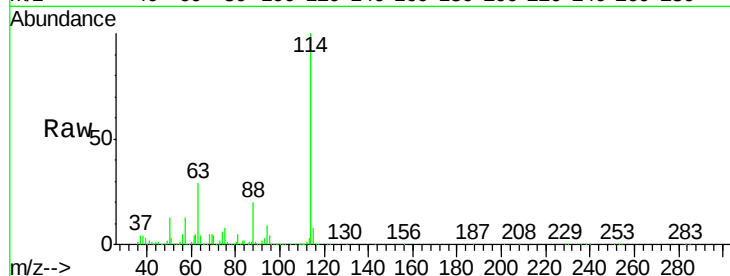
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

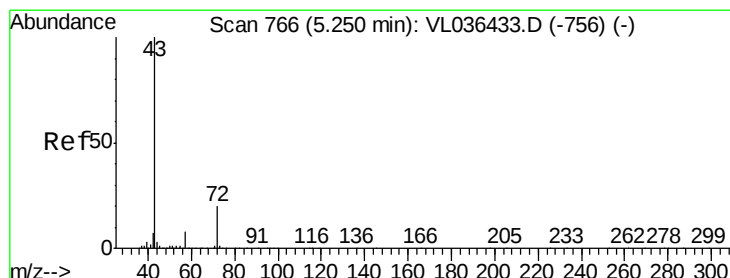
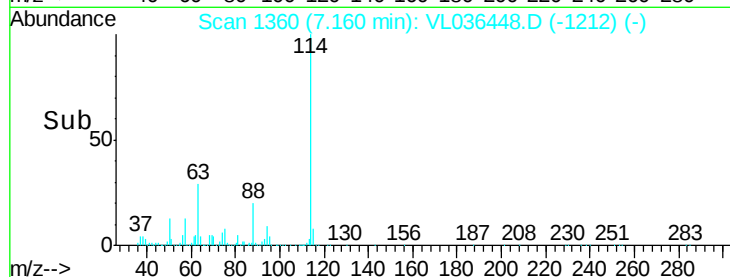
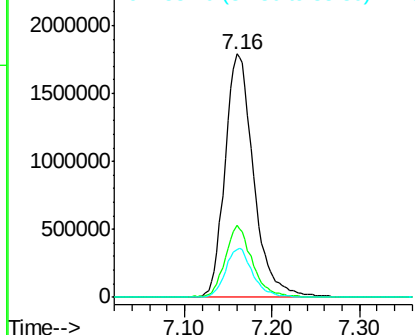
Tot Ion	Ratio	Lower	Upper
114	100		
63	28.4	23.3	34.9
88	19.3	15.6	23.4

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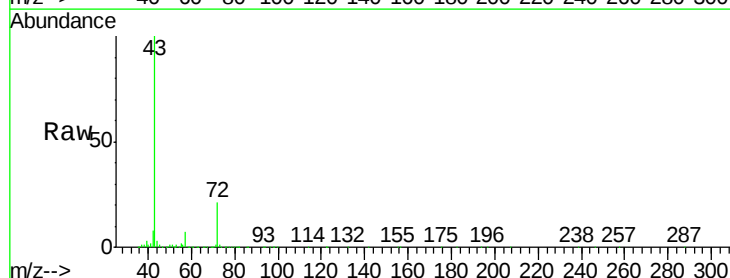


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

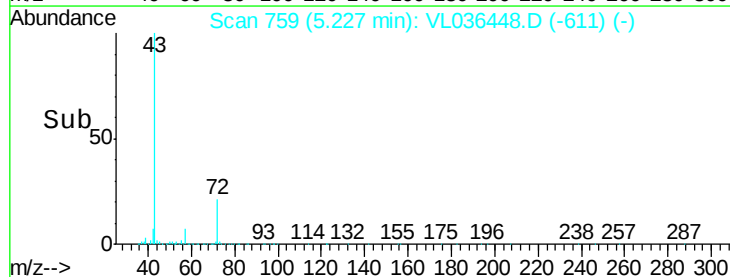
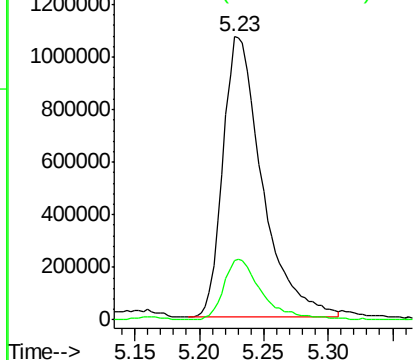


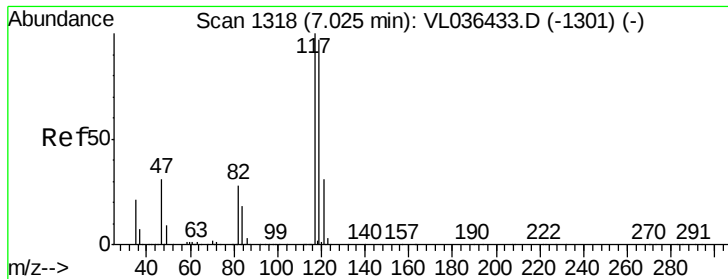
#34
 2-Butanone
 Concen: 9.283 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.2	16.7	25.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





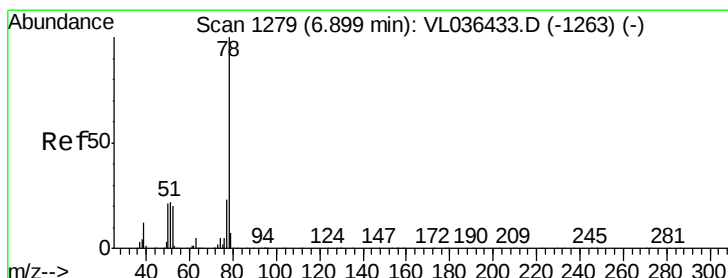
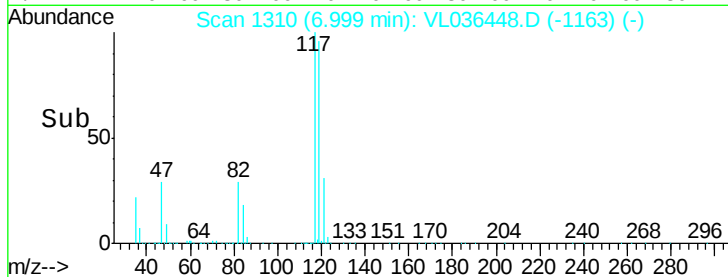
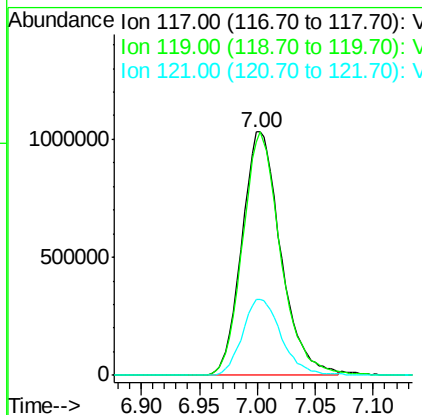
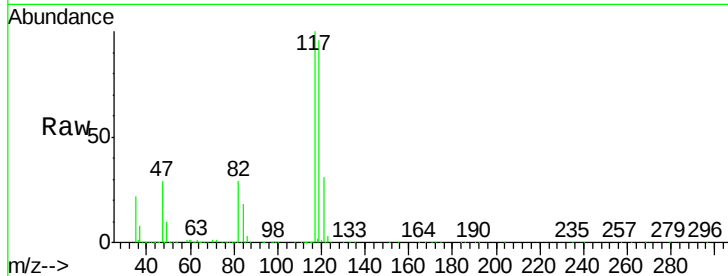
#35
Carbon Tetrachloride
Concen: 9.164 ppbv
RT: 7.00 min Scan# 1310
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:117 Resp: 2407579
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.6
121 31.2 24.6 36.8

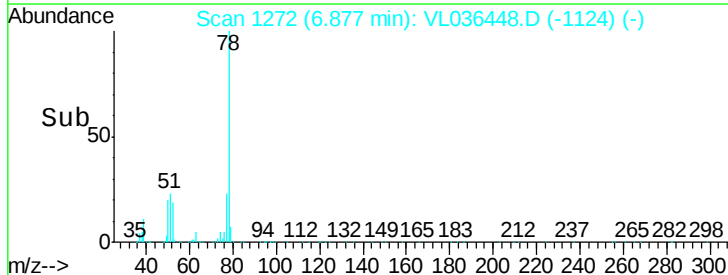
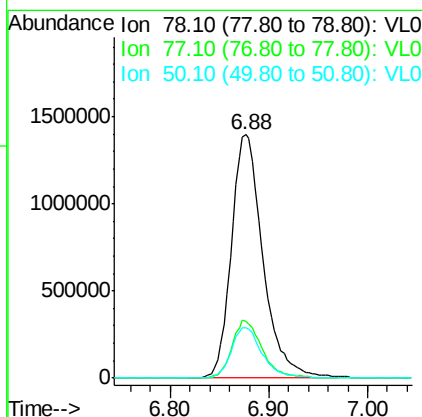
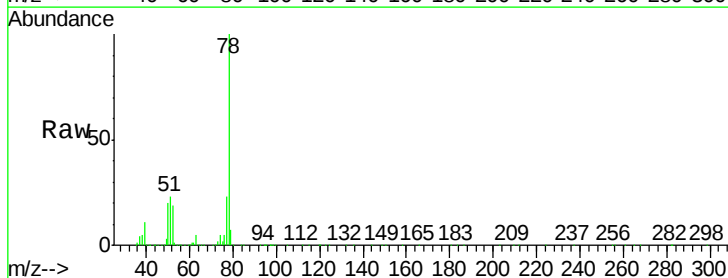
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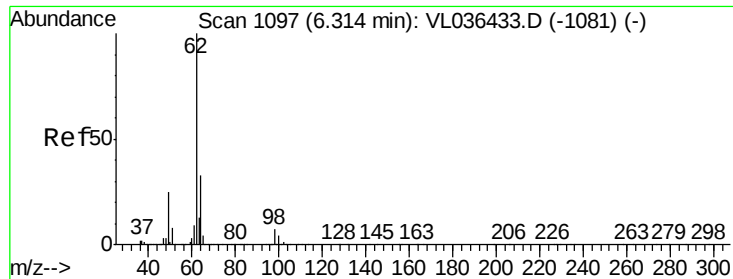
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#36
Benzene
Concen: 9.838 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion: 78 Resp: 3103910
Ion Ratio Lower Upper
78 100
77 23.0 18.1 27.1
50 20.5 16.8 25.2





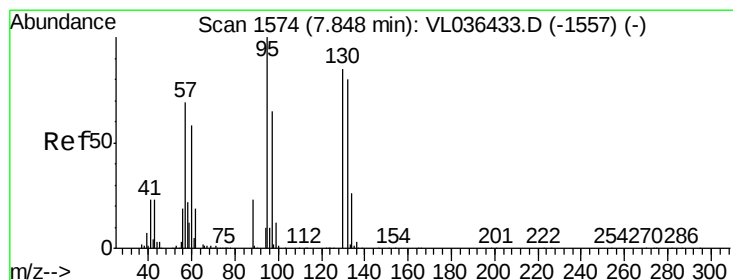
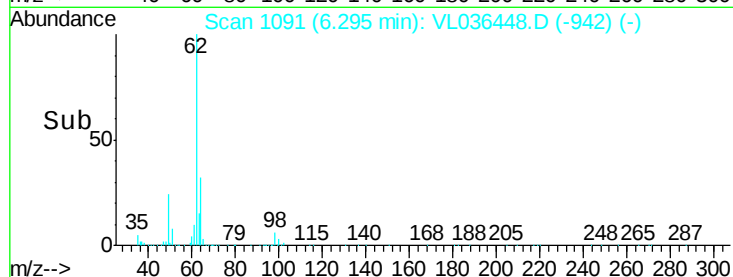
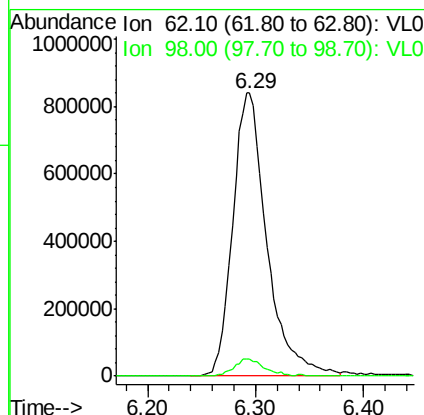
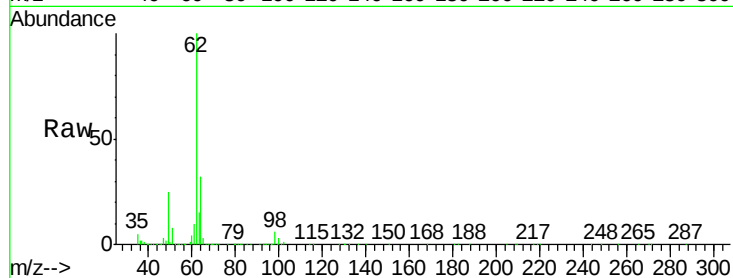
#37
 1,2-Dichloroethane
 Concen: 9.323 ppbv
 RT: 6.29 min Scan# 1091
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.6	4.8	7.2

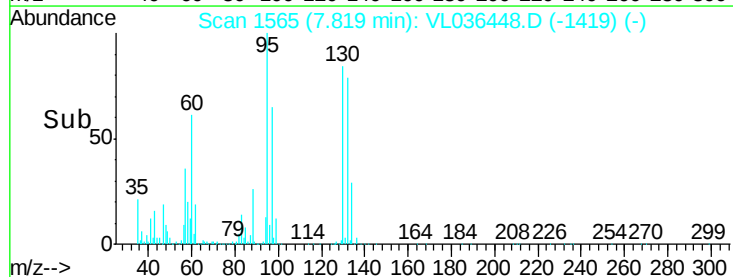
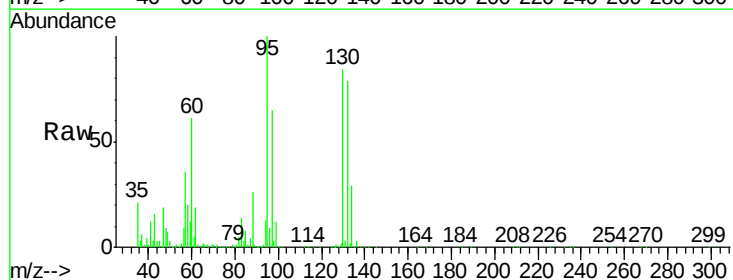
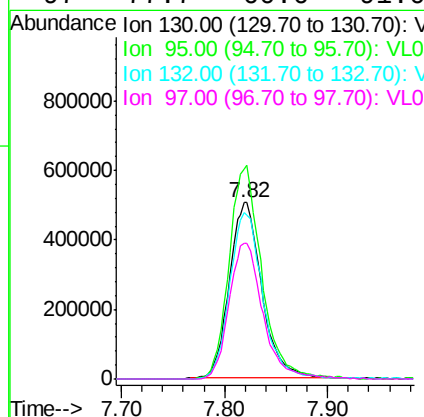
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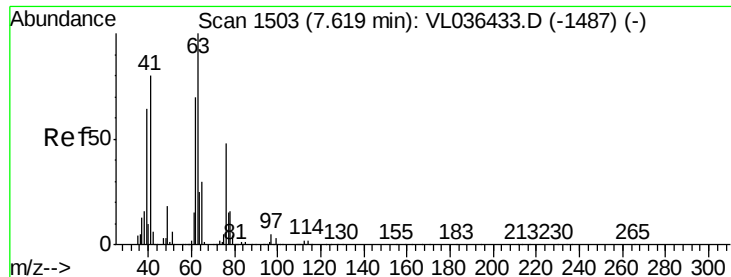
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#38
 Trichloroethene
 Concen: 9.239 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	119.8	93.8	140.8
132	94.7	74.6	112.0
97	77.7	60.6	91.0





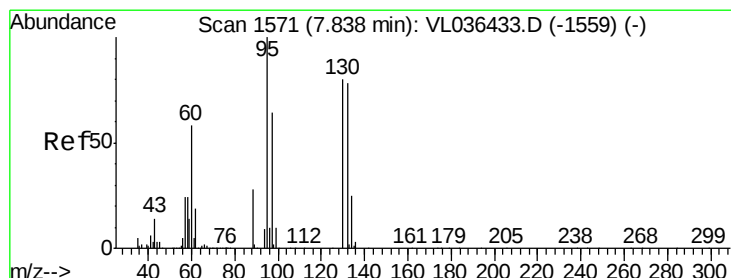
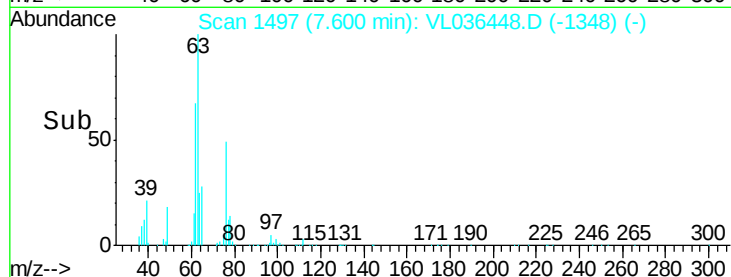
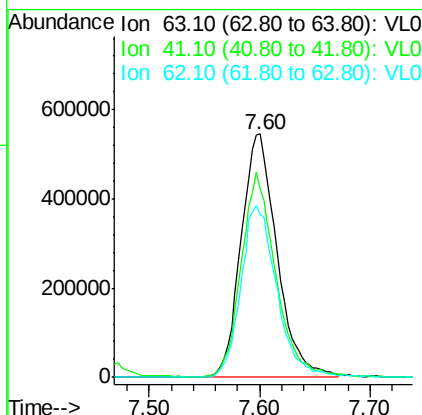
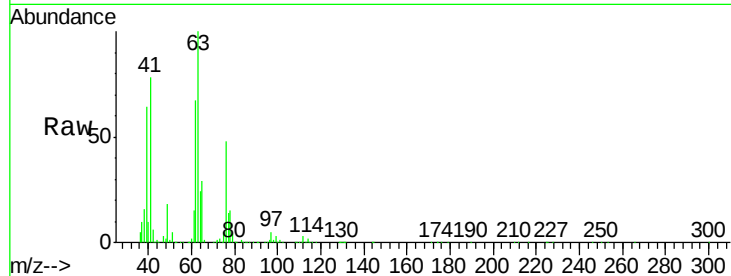
#39
 1,2-Dichloropropane
 Concen: 9.178 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
63	100		
41	77.3	64.4	96.6
62	66.7	55.7	83.5

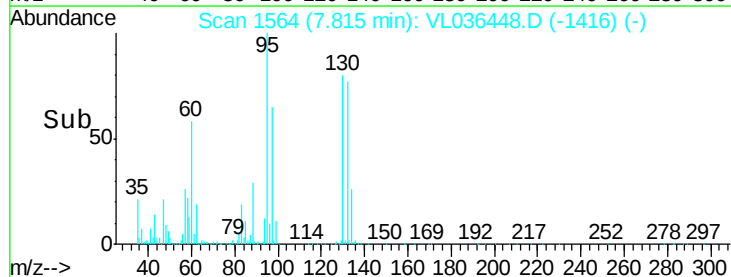
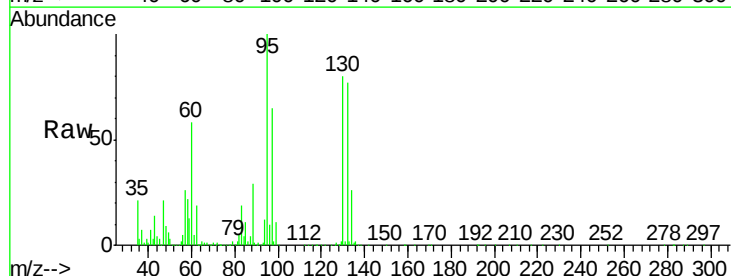
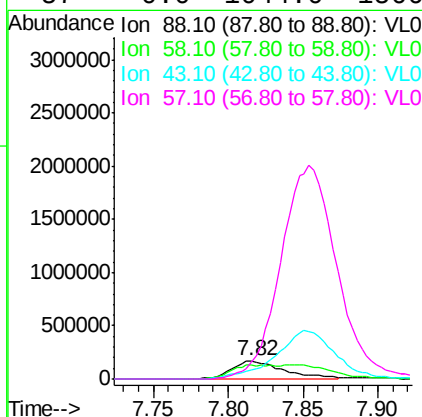
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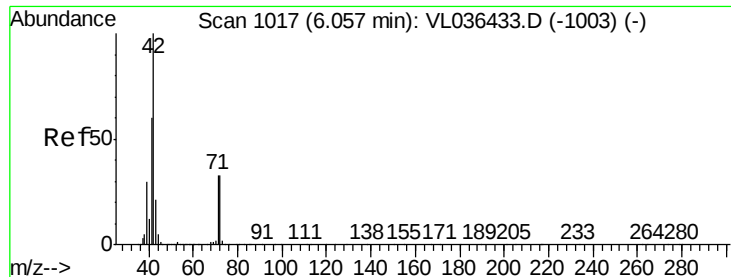
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#40
 1,4-Dioxane
 Concen: 9.126 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	119.6	179.4#
43	0.0	254.2	381.4#
57	0.0	1044.0	1566.0#





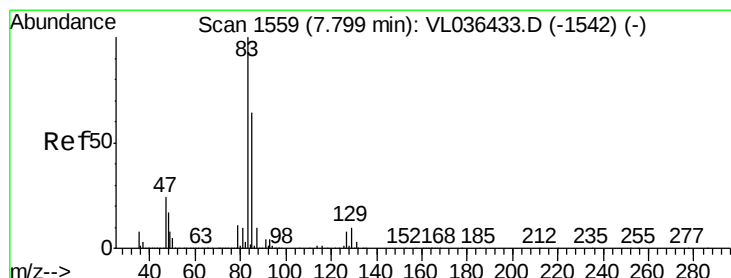
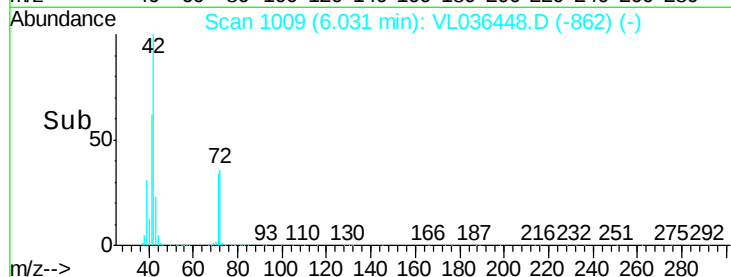
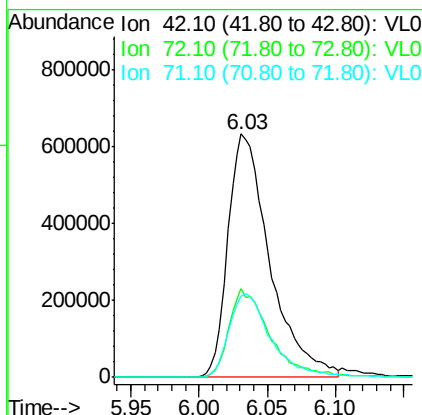
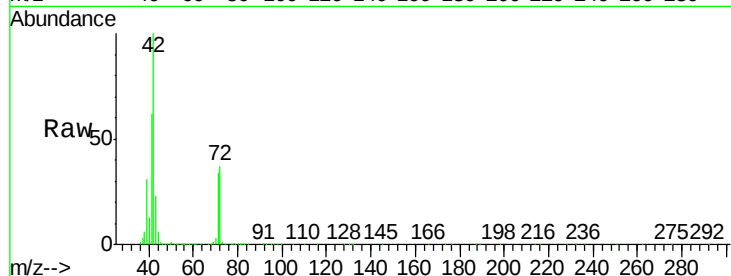
#41
Tetrahydrofuran
Concen: 9.851 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 42 Resp: 1346550
Ion Ratio Lower Upper
42 100
72 36.2 28.1 42.1
71 35.2 27.6 41.4

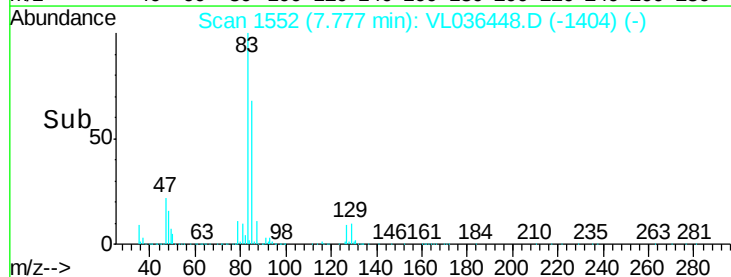
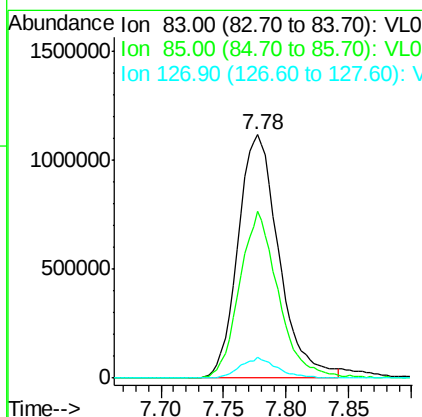
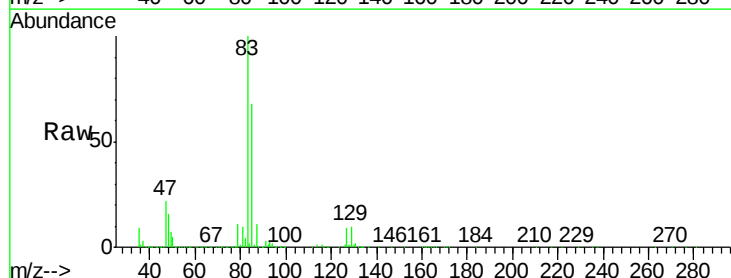
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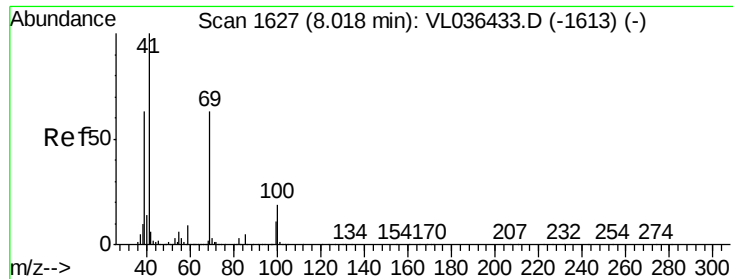
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#42
Bromodichloromethane
Concen: 9.444 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion: 83 Resp: 2530250
Ion Ratio Lower Upper
83 100
85 68.4 51.2 76.8
127 8.7 6.0 9.0





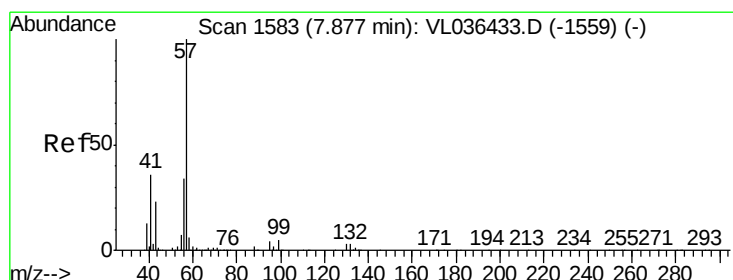
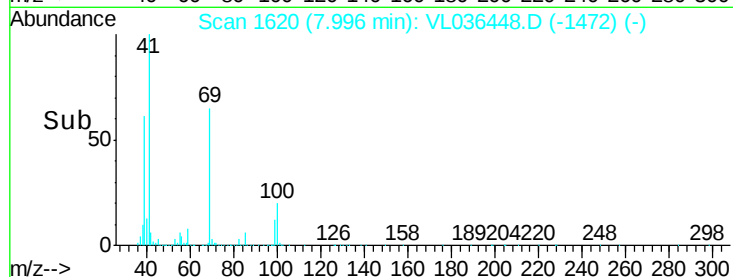
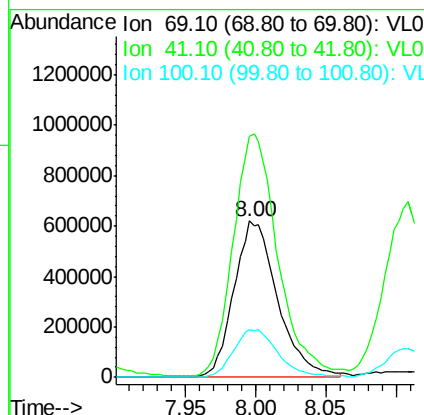
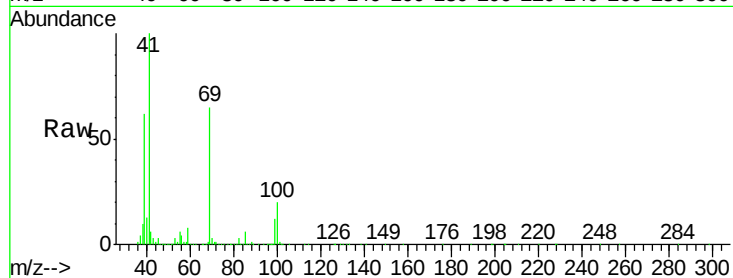
#43
Methvl Methacrylate
Concen: 10.526 ppbv
RT: 8.00 min Scan# 1620
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 1344993
Ion Ratio Lower Upper
69 100
41 159.5 127.6 191.4
100 31.2 24.6 37.0

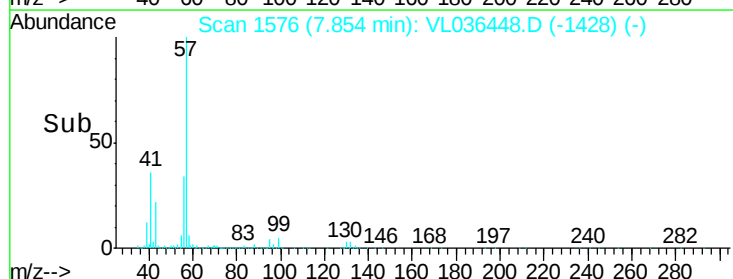
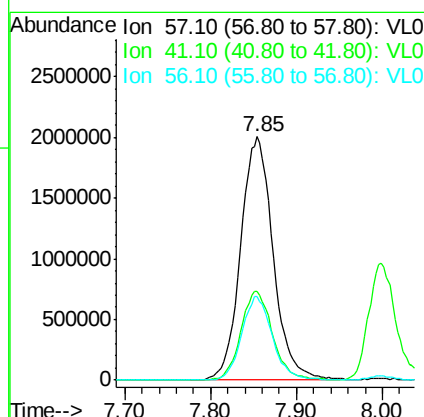
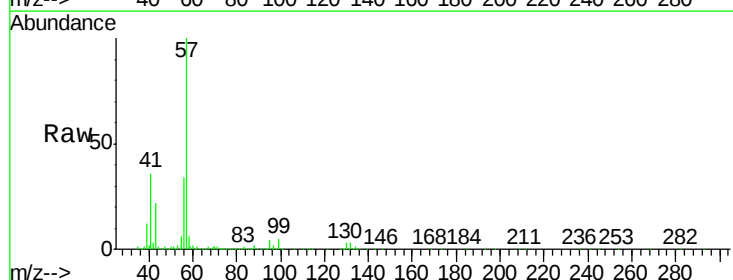
Manual Integrations
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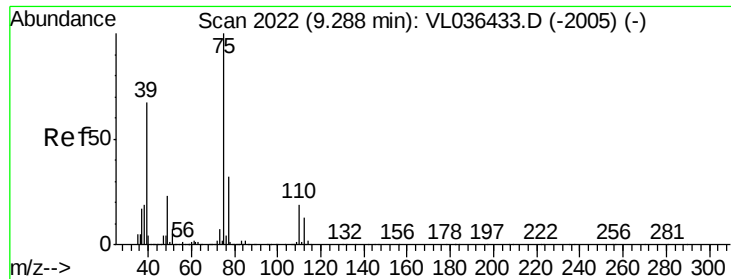
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#44
2,2,4-Trimethylpentane
Concen: 9.161 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion: 57 Resp: 5270355
Ion Ratio Lower Upper
57 100
41 35.2 28.2 42.2
56 32.5 25.9 38.9





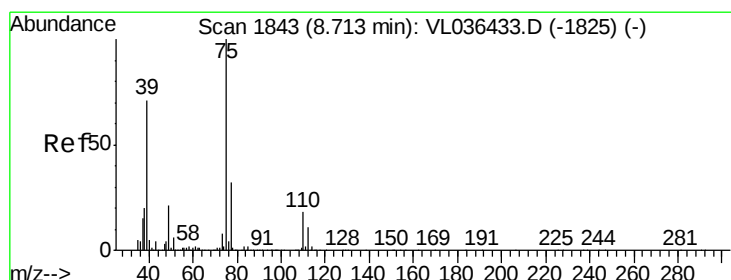
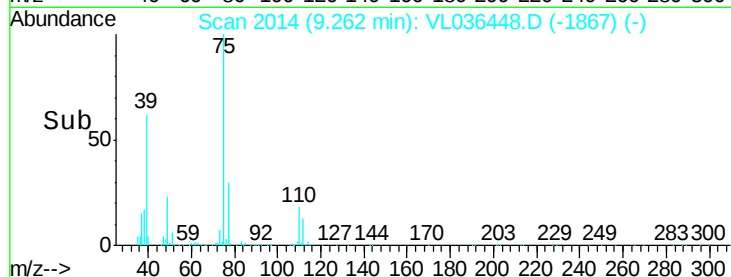
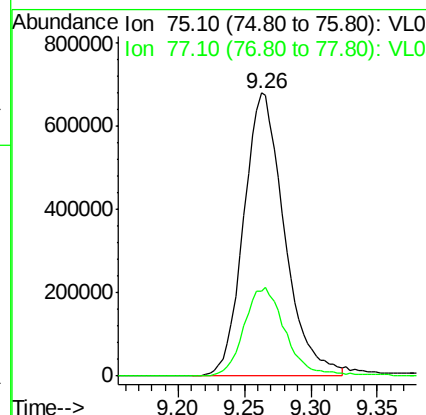
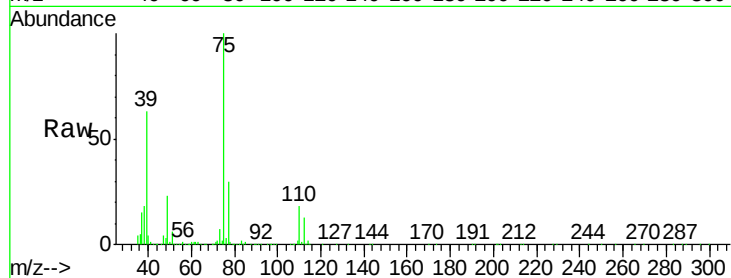
#45
t-1,3-Dichloropropene
Concen: 11.693 ppbv
RT: 9.26 min Scan# 2014
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 1454119
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.2

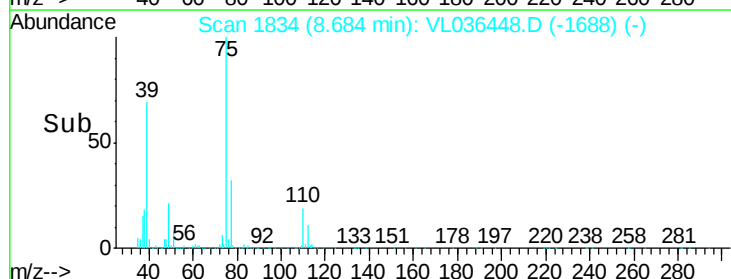
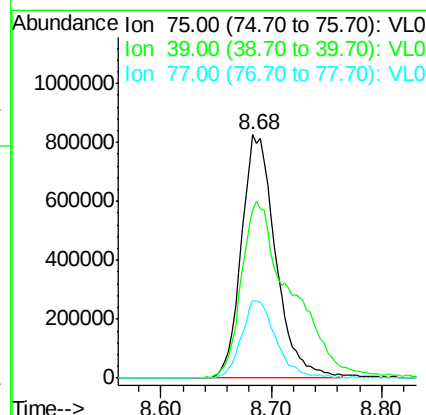
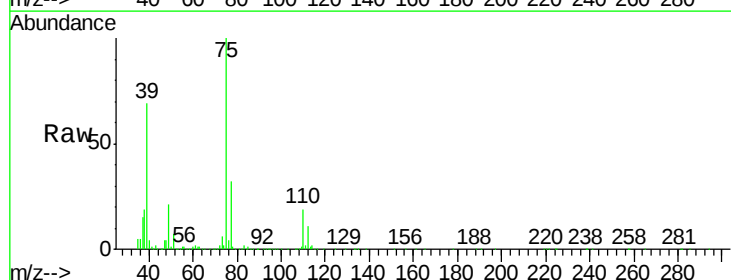
Manual Integrations
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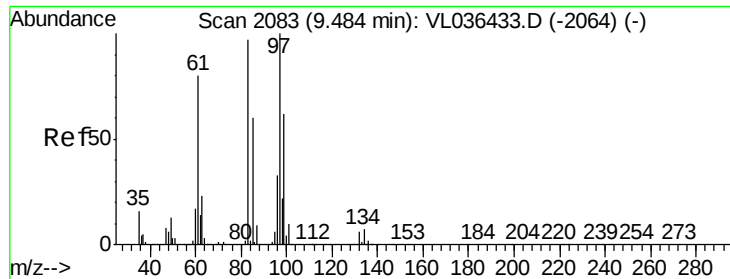
MMDadoda
3/24/2021 6:14:38 PM



#46
cis-1,3-Dichloropropene
Concen: 10.976 ppbv
RT: 8.68 min Scan# 1834
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion: 75 Resp: 1781975
Ion Ratio Lower Upper
75 100
39 68.7 57.1 85.7
77 31.6 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.380 ppbv

RT: 9.46 min Scan# 2075

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 97 Resp: 1254450

Ion Ratio Lower Upper

97 100

83 85.4 77.8 116.8

85 55.9 47.6 71.4

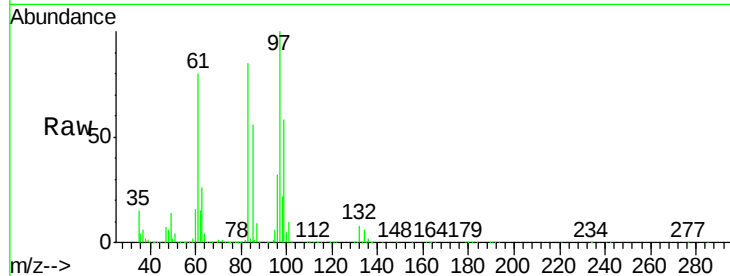
99 58.4 49.6 74.4

Manual Integrations

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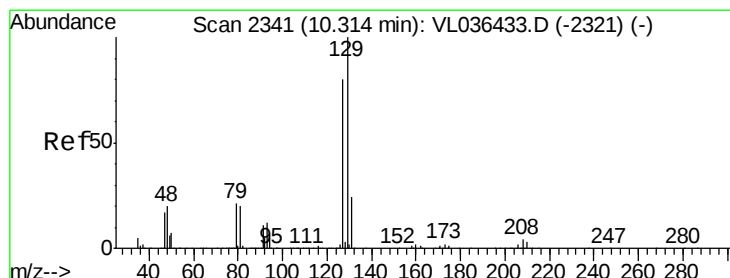
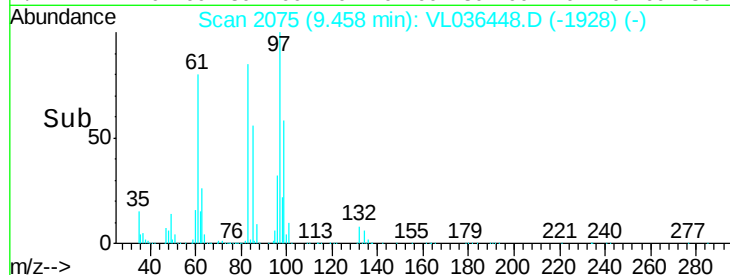
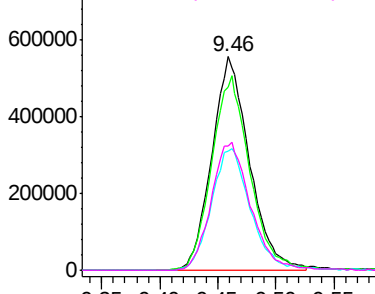


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 10.389 ppbv

RT: 10.29 min Scan# 2334

Delta R.T. -0.02 min

Lab File: VL036448.D

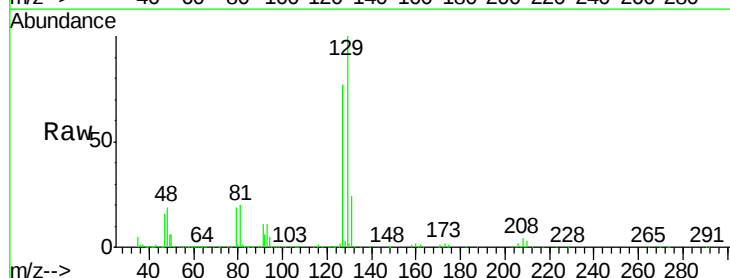
Acq: 19 Mar 2021 14:27

Tgt Ion: 129 Resp: 2104197

Ion Ratio Lower Upper

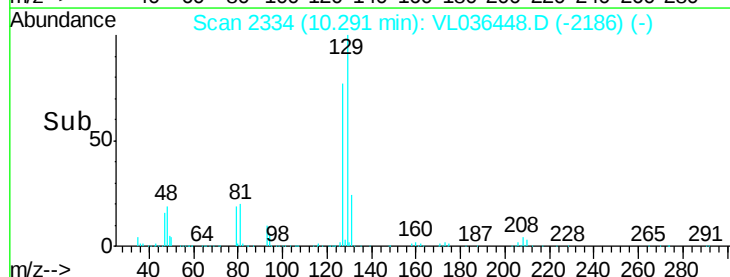
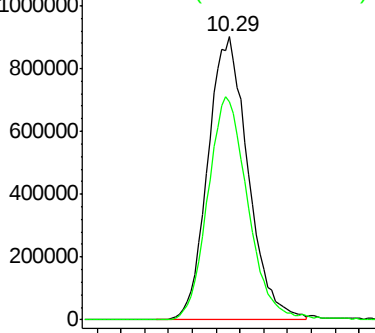
129 100

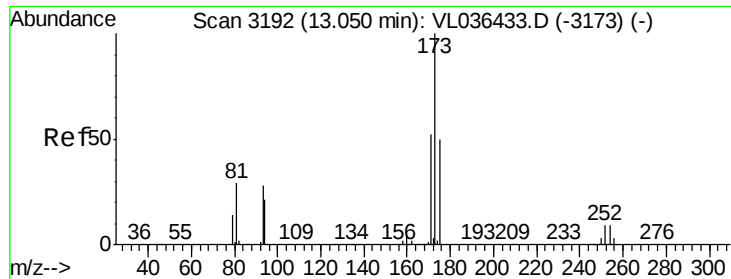
127 79.0 39.4 118.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.724 ppbv

RT: 13.02 min Scan# 3184

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:173 Resp: 1776756

Ion Ratio Lower Upper

173 100

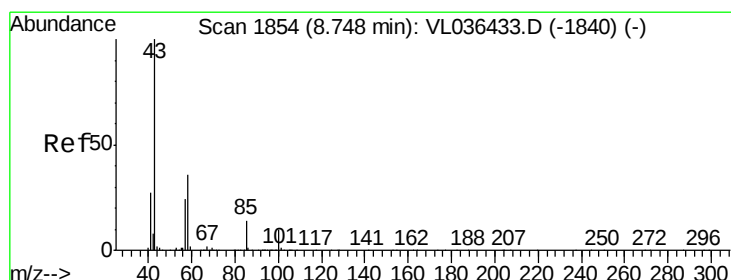
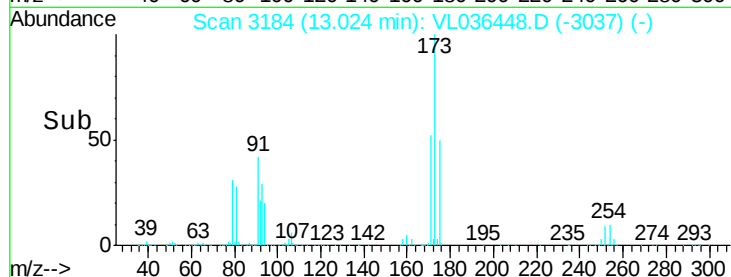
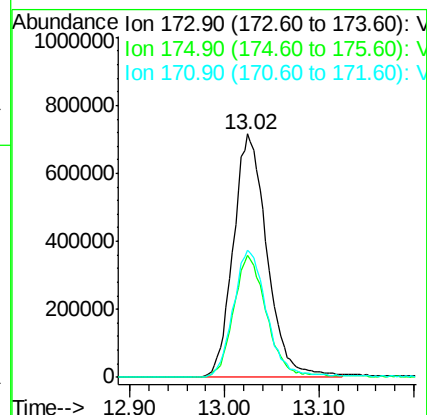
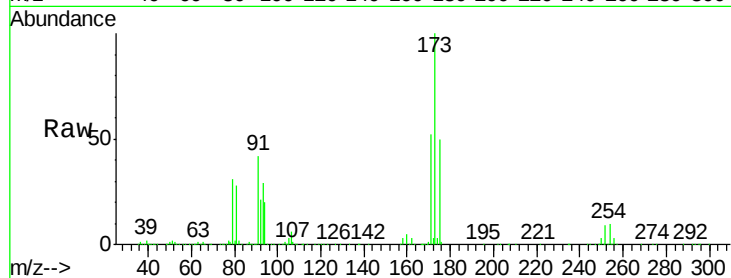
175 49.5 40.7 61.1

171 52.3 43.0 64.4

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#50

4-Methyl-2-Pentanone

Concen: 9.891 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. -0.02 min

Lab File: VL036448.D

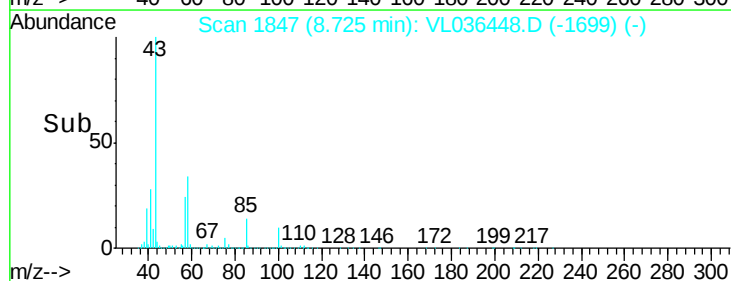
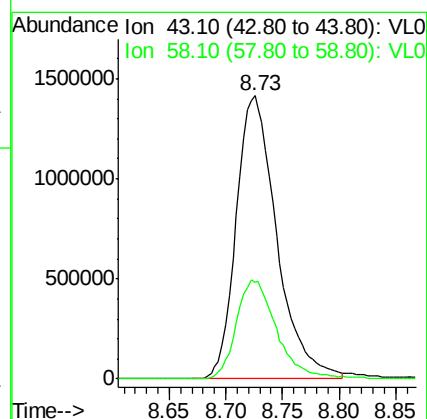
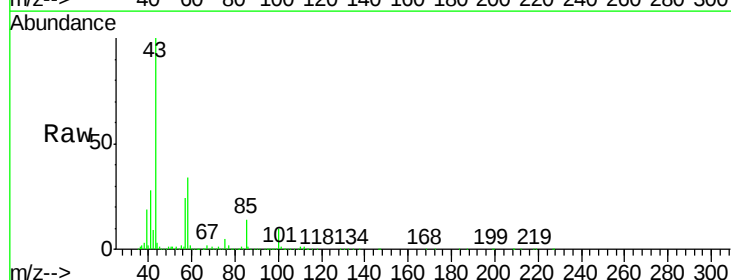
Acq: 19 Mar 2021 14:27

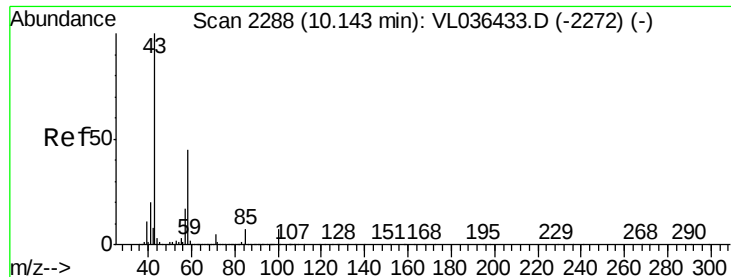
Tgt Ion: 43 Resp: 3529375

Ion Ratio Lower Upper

43 100

58 35.2 27.8 41.8





#51

2-Hexanone

Concen: 10.833 ppbv

RT: 10.11 min Scan# 2279

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 2922296

Ion Ratio Lower Upper

43 100

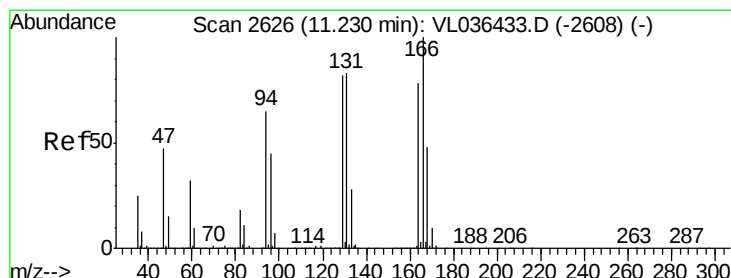
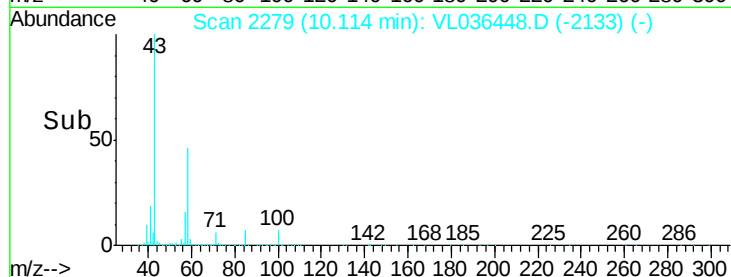
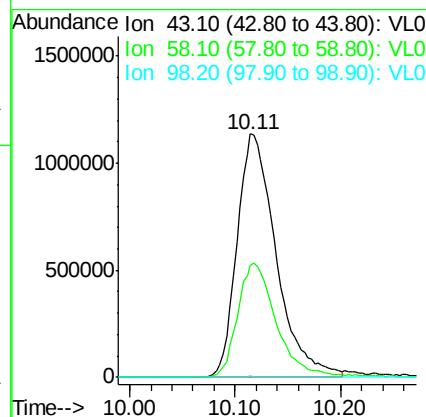
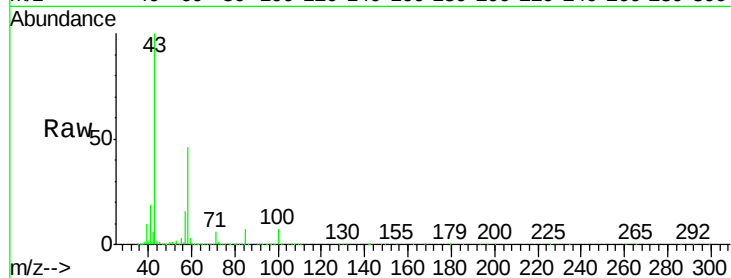
58 47.1 37.8 56.8

98 0.6 0.2 0.4#

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#52

Tetrachloroethene

Concen: 8.878 ppbv

RT: 11.20 min Scan# 2618

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Tgt Ion: 164 Resp: 1050510

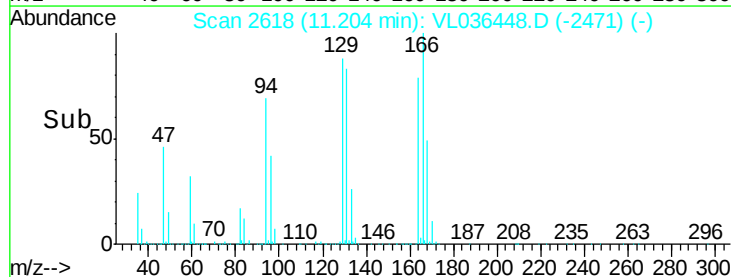
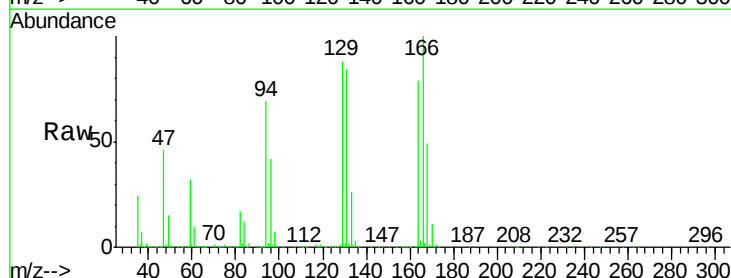
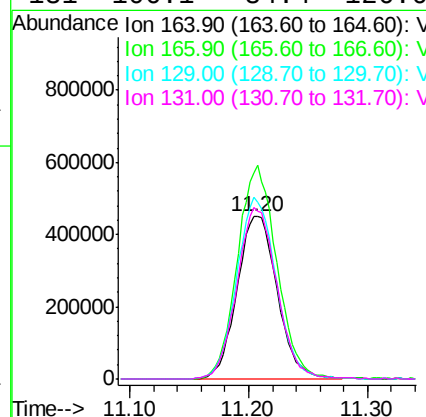
Ion Ratio Lower Upper

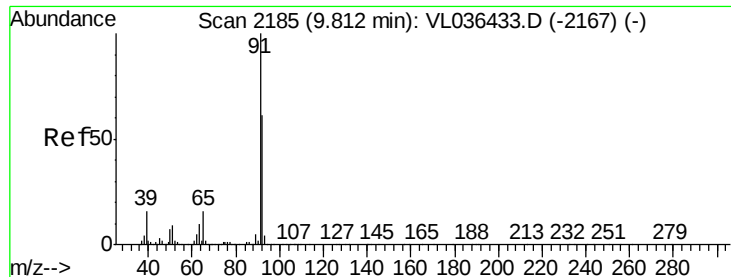
164 100

166 126.8 102.0 153.0

129 111.7 83.3 124.9

131 106.1 84.4 126.6





#53

Toluene

Concen: 10.178 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. -0.02 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 3458532

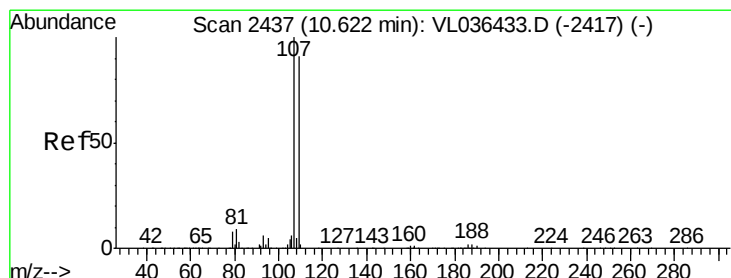
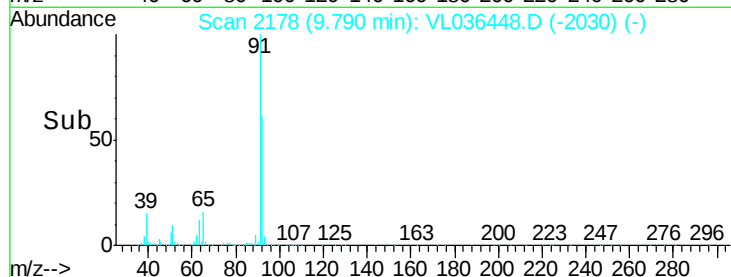
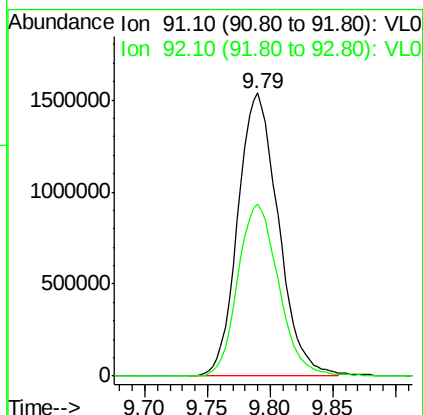
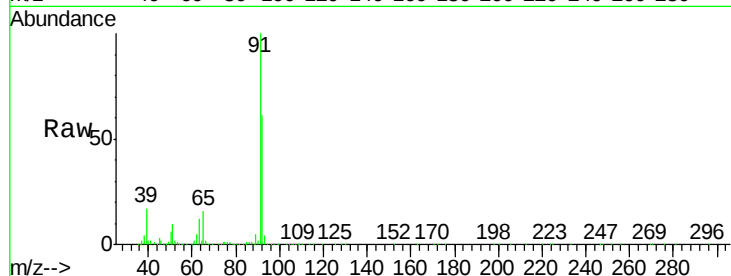
Ion Ratio Lower Upper

91 100

92 61.5 49.0 73.6

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#54

1,2-Dibromoethane

Concen: 9.583 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.03 min

Lab File: VL036448.D

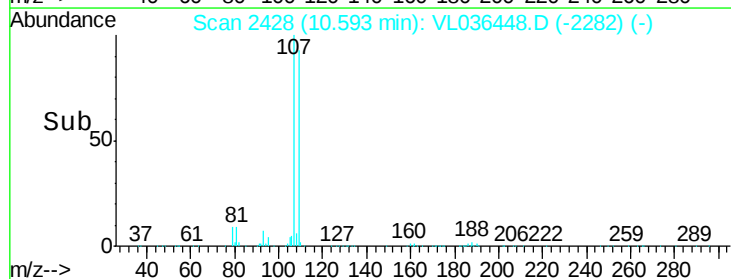
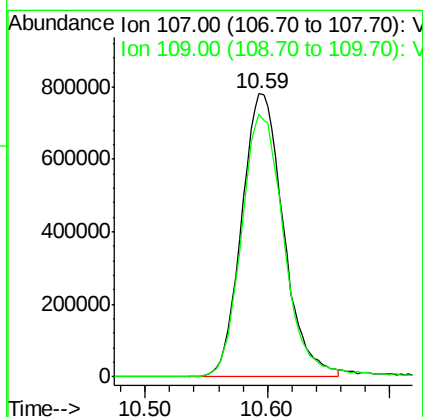
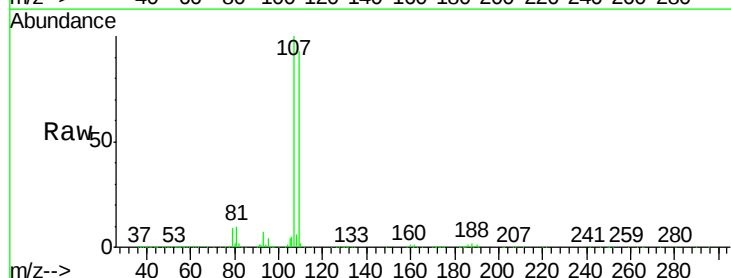
Acq: 19 Mar 2021 14:27

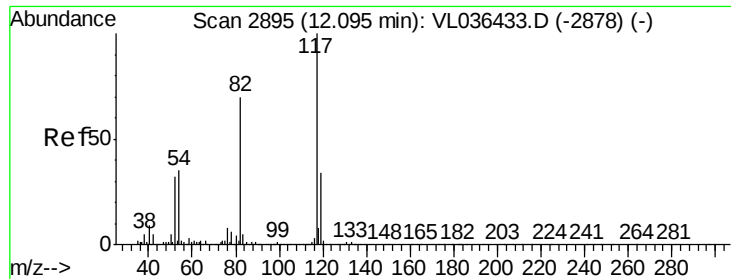
Tgt Ion: 107 Resp: 1850350

Ion Ratio Lower Upper

107 100

109 92.8 73.0 109.6





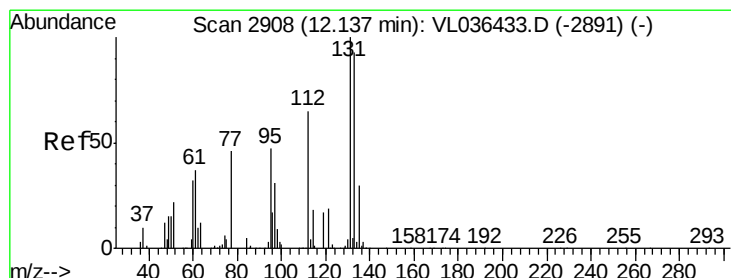
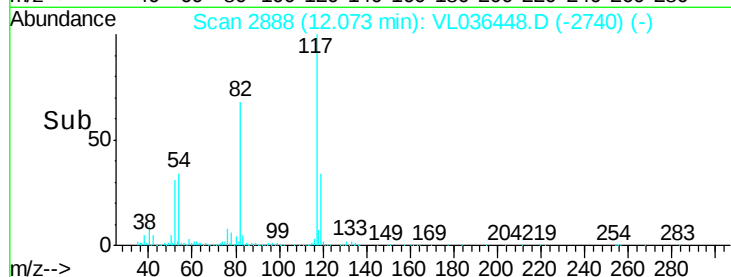
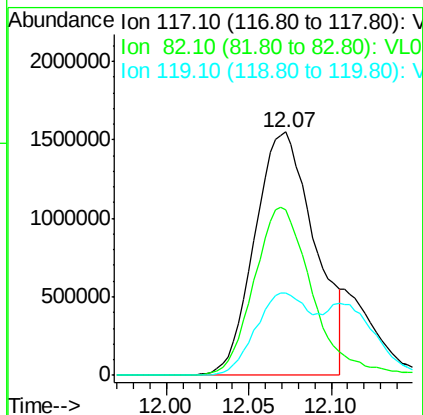
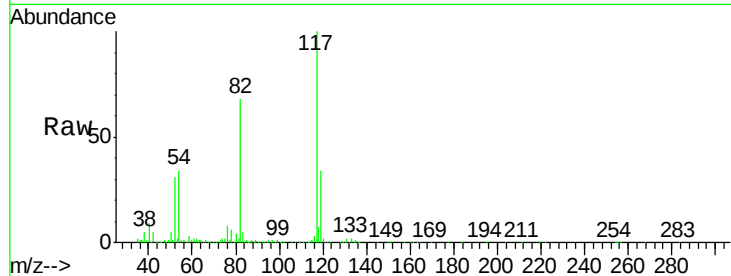
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.3	56.5	84.7
119	56.8	27.0	40.4

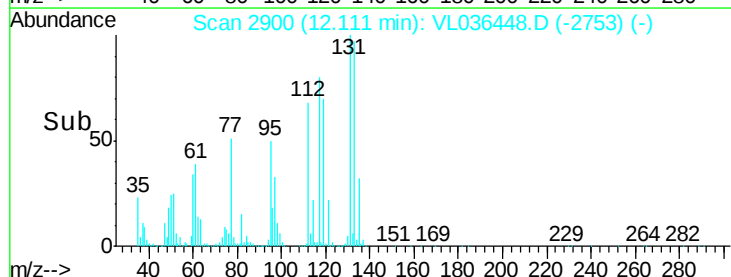
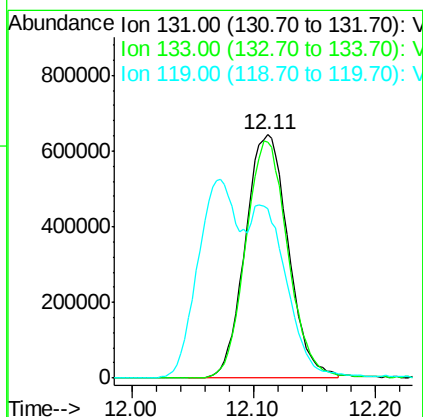
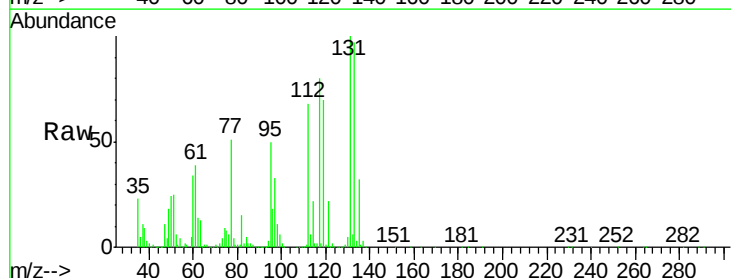
Manual Integrations
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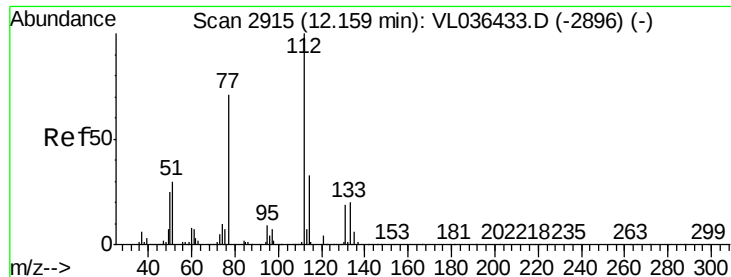
MMDadoda
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#56
1,1,1,2-Tetrachloroethane
Concen: 8.988 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	76.4	114.6
119	142.6	112.8	169.2





#57

Chlorobenzene

Concen: 9.002 ppbv

RT: 12.13 min Scan# 2907

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 112 Resp: 2550918

Ion Ratio Lower Upper

112 100

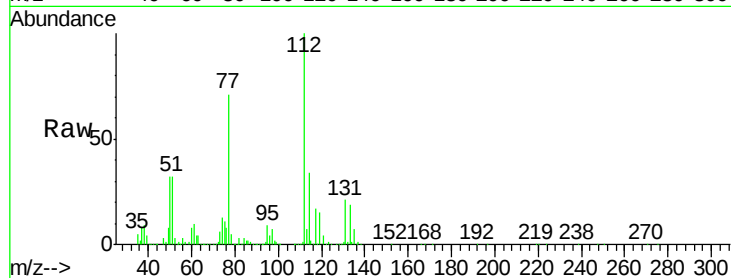
77 69.3 57.6 86.4

114 34.0 29.5 36.1

Manual Integrations
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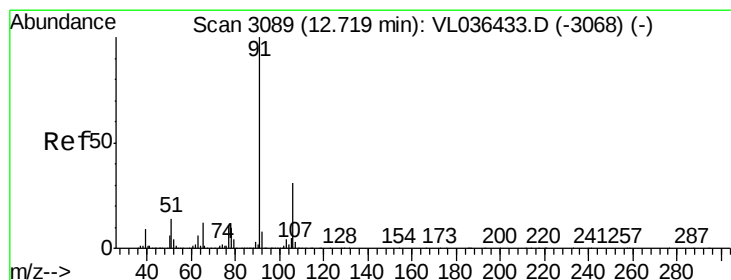
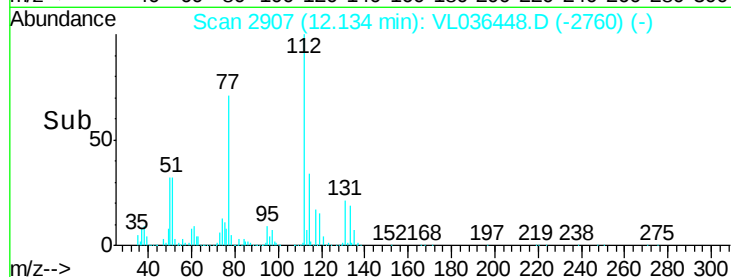
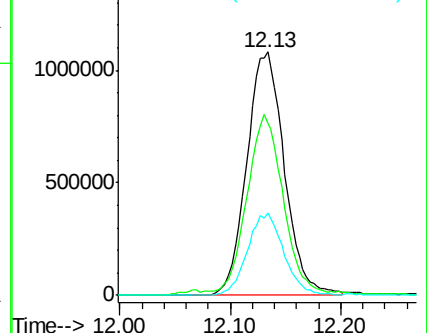
3/24/2021 6:14:38 PM



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: 9.718 ppbv

RT: 12.69 min Scan# 3081

Delta R.T. -0.03 min

Lab File: VL036448.D

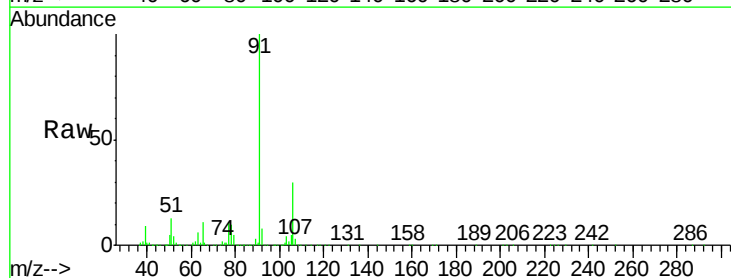
Acq: 19 Mar 2021 14:27

Tgt Ion: 91 Resp: 4737134

Ion Ratio Lower Upper

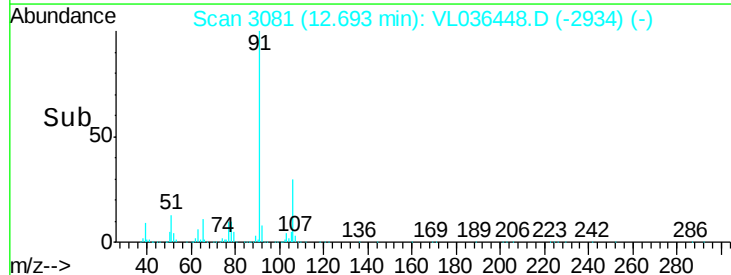
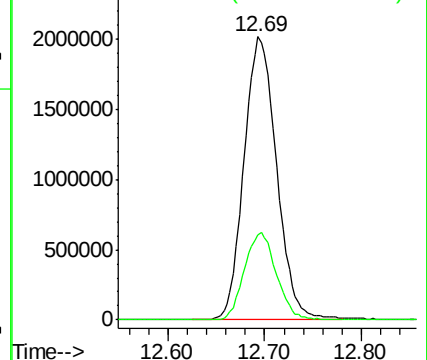
91 100

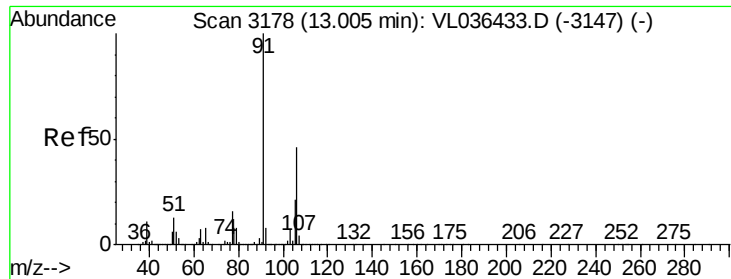
106 29.9 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





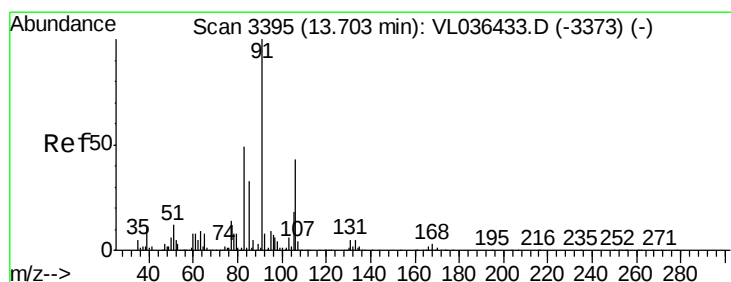
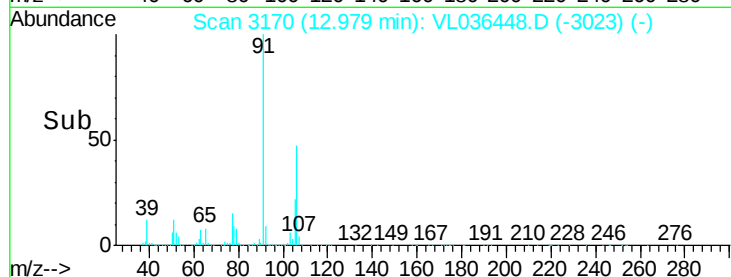
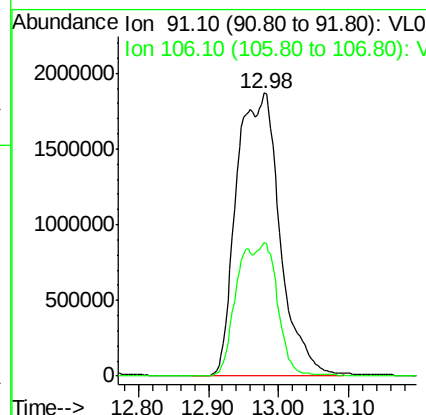
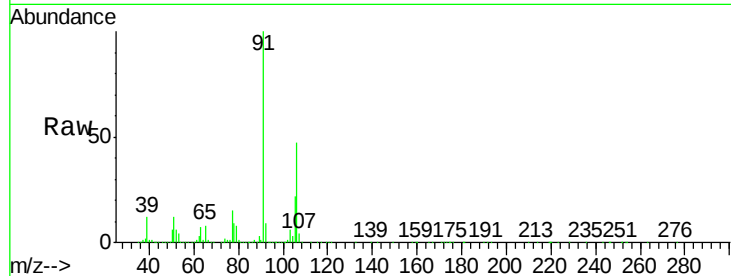
#59
m/p-Xylene
Concen: 18.666 ppbv m
RT: 12.98 min Scan# 3170
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 8045165
Ion Ratio Lower Upper
91 100
106 44.0 35.0 52.4

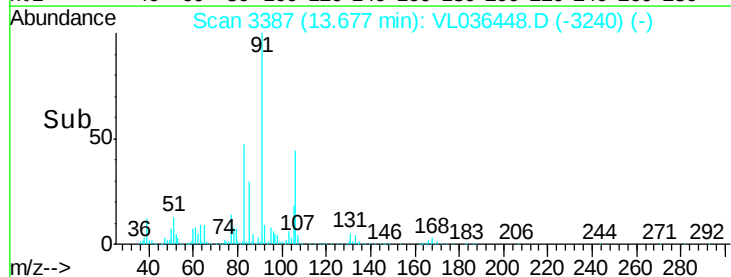
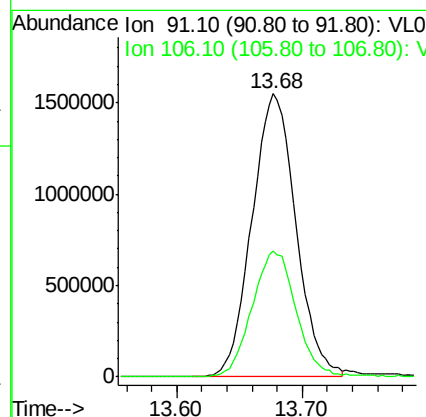
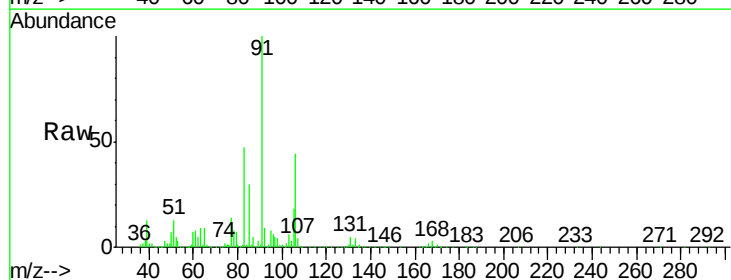
Manual Integrations
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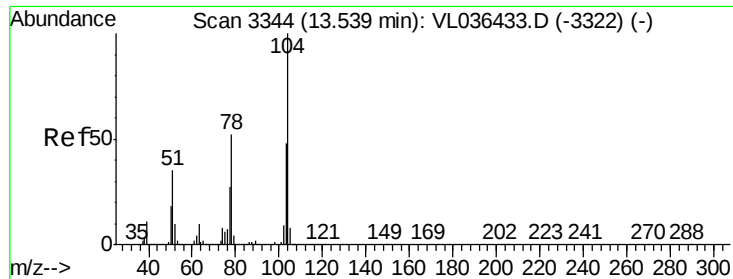
MMDadoda
3/24/2021 6:14:38 PM



#60
o-Xylene
Concen: 9.094 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion: 91 Resp: 3765449
Ion Ratio Lower Upper
91 100
106 44.7 21.9 65.8





#61

Stvrene

Concen: 10.665 ppbv

RT: 13.51 min Scan# 3335

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

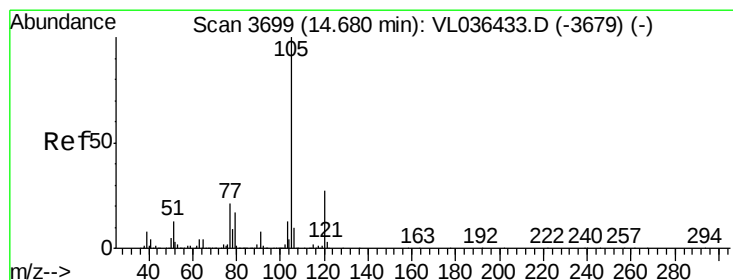
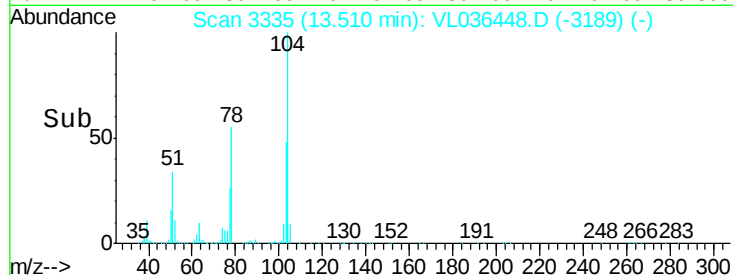
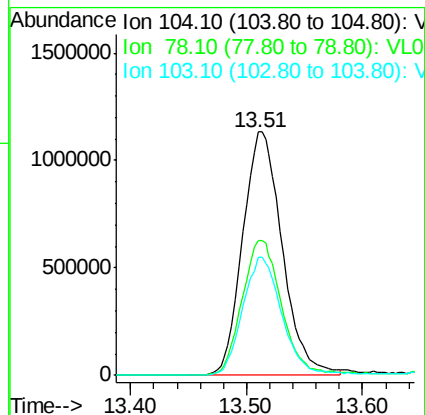
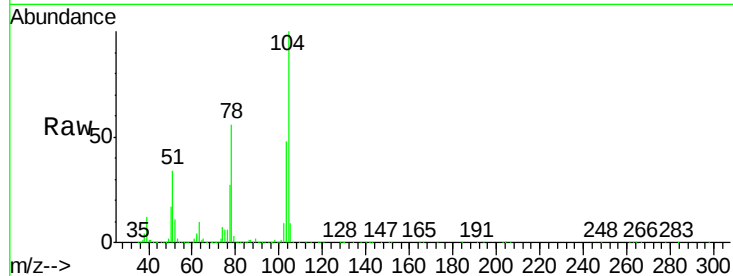
ClientSampleId :

VSTDCCC010

Tot Ion:	104	Resp:	2685358
Ion	Ratio	Lower	Upper
104	100		
78	56.2	44.2	66.4
103	48.4	38.6	57.8

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#62

Isopropylbenzene

Concen: 9.100 ppbv

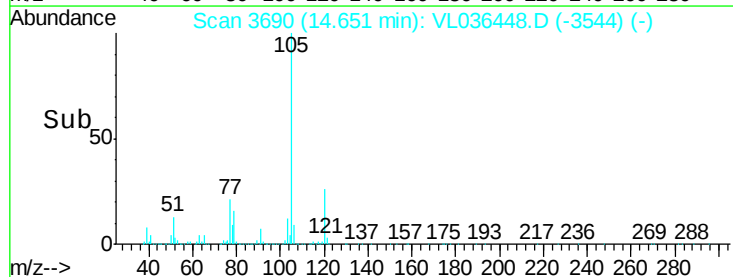
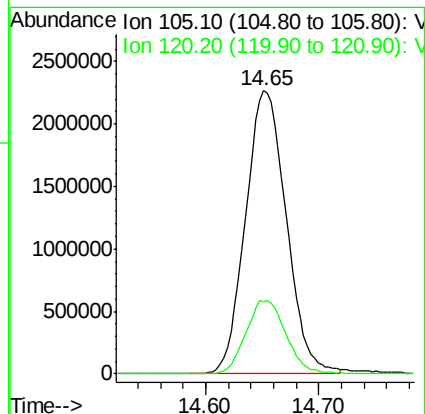
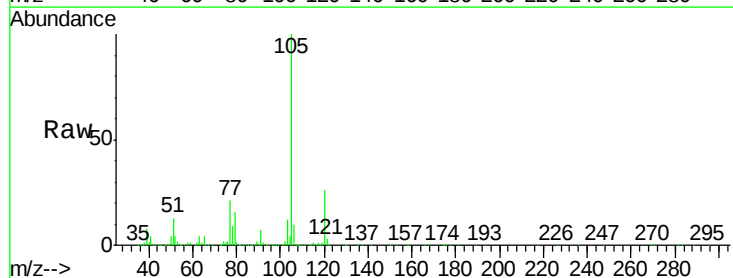
RT: 14.65 min Scan# 3690

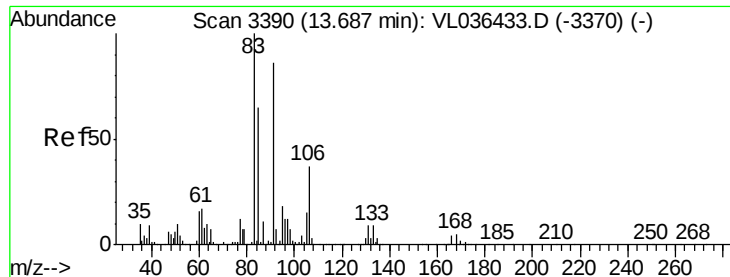
Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Tgt Ion:	105	Resp:	5681362
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.9	31.3





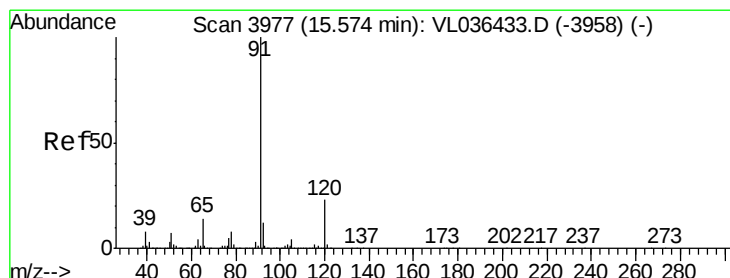
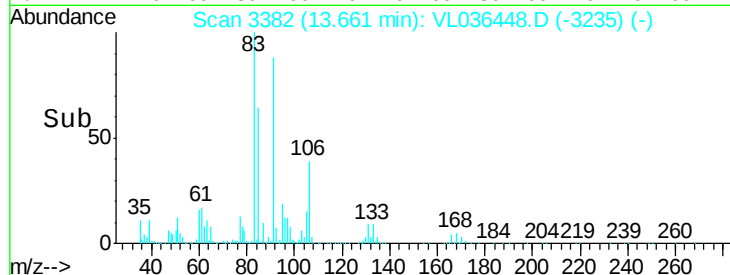
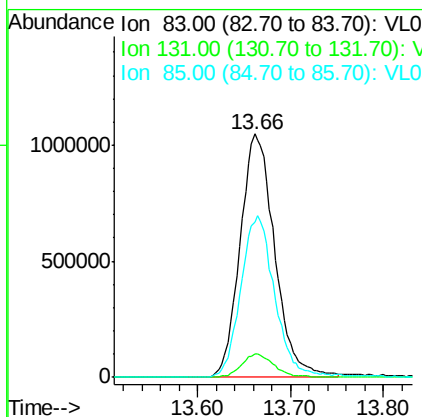
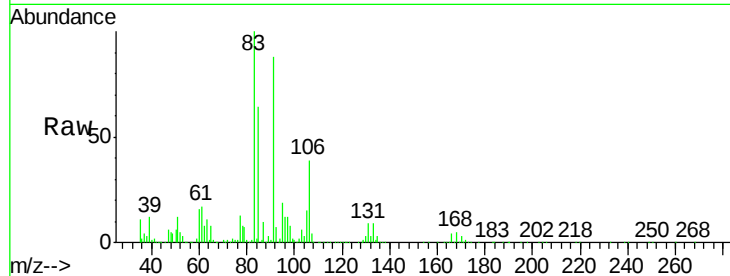
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.380 ppbv
 RT: 13.66 min Scan# 3382
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	83	Resp	2712785
Ion Ratio	100	Lower	Upper
83	100		
131	9.2	4.5	13.7
85	65.8	32.9	98.6

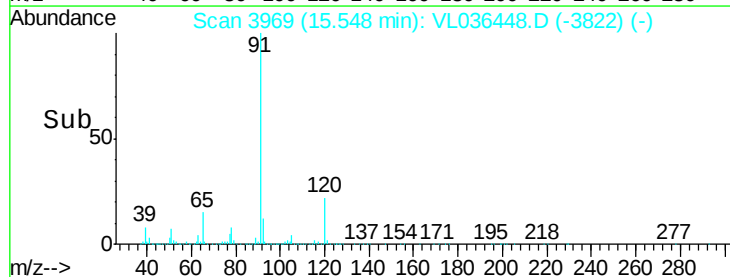
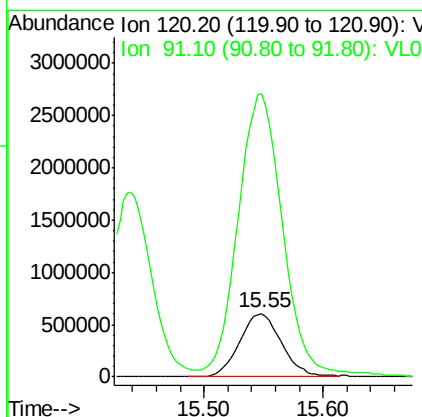
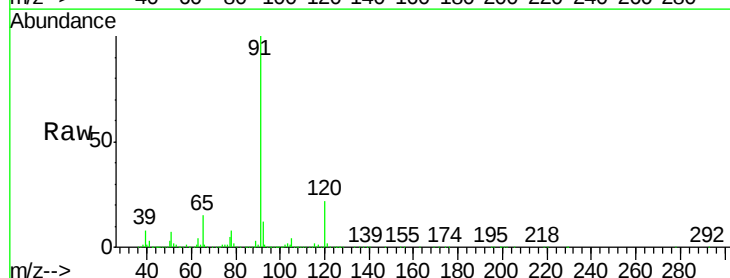
Manual Integrations
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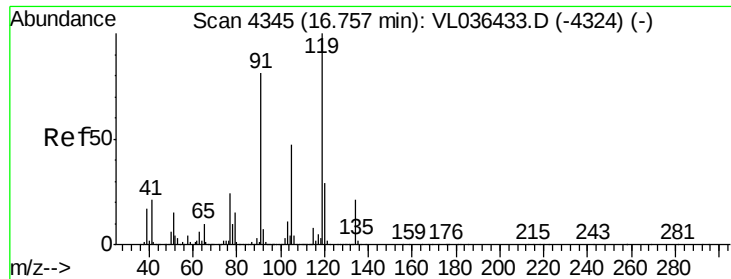
MMDadoda
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#64
 n-propylbenzene
 Concen: 9.506 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion	120	Resp	1482339
Ion Ratio	100	Lower	Upper
120	100		
91	478.0	378.6	567.8





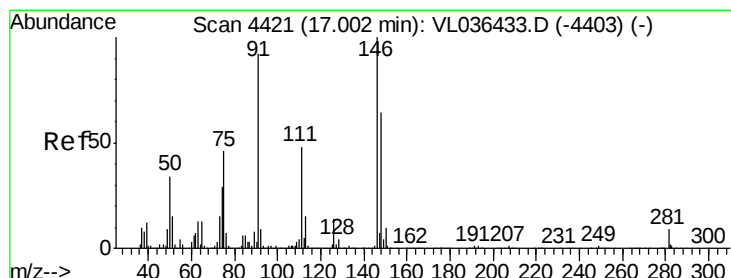
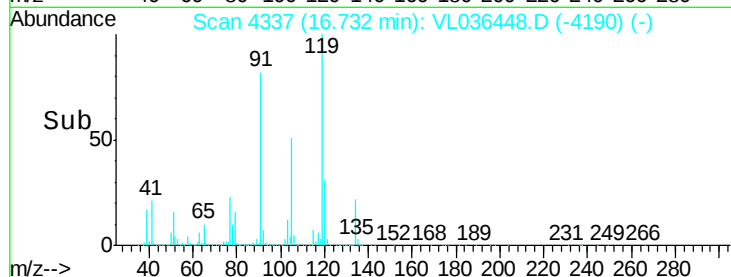
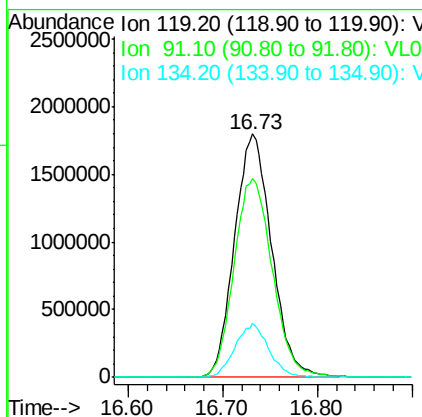
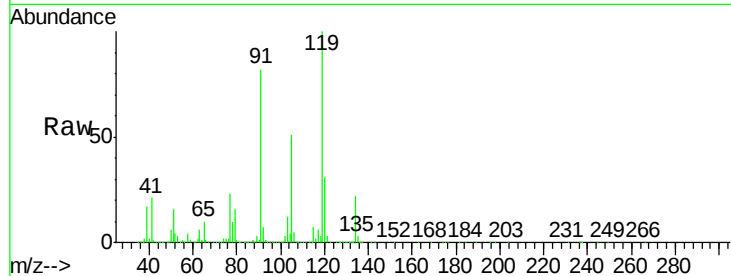
#65
tert-Butylbenzene
Concen: 9.016 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	84.7	67.9	101.9
134	20.1	16.0	24.0

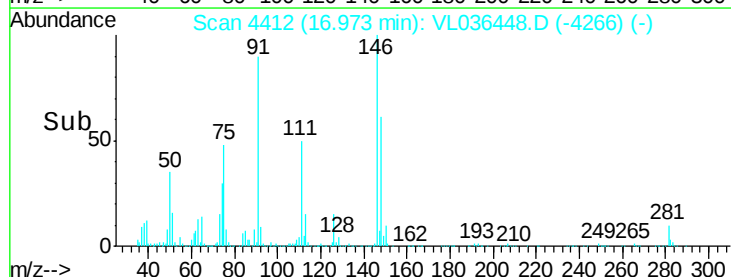
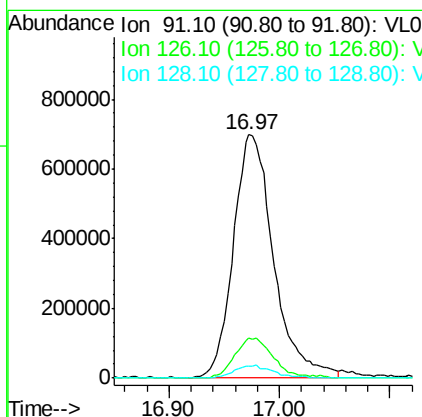
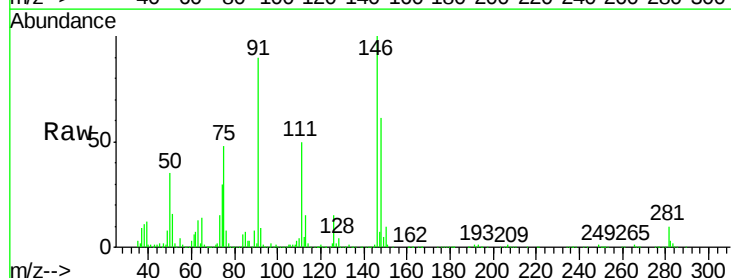
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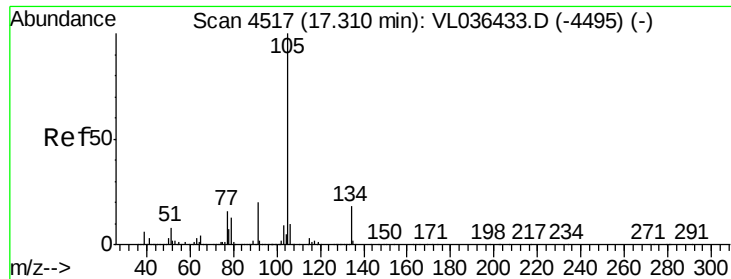
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#66
Benzyl Chloride
Concen: 11.590 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. -0.03 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	16.5	12.9	19.3
128	5.2	4.0	6.0





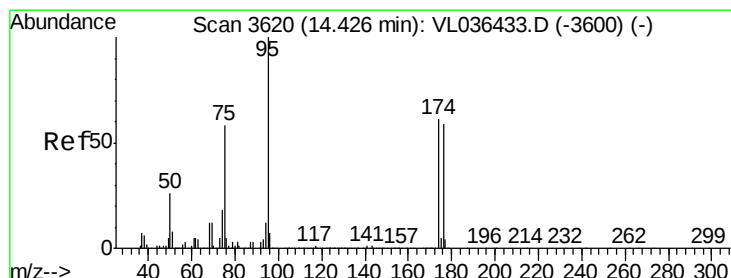
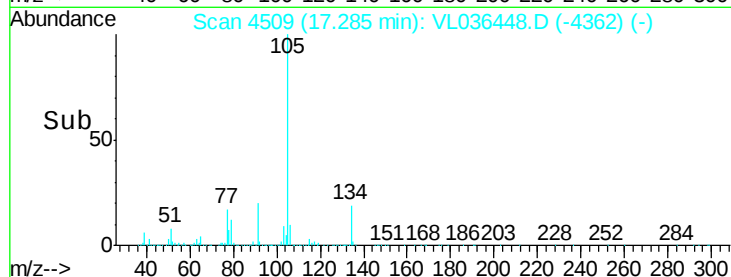
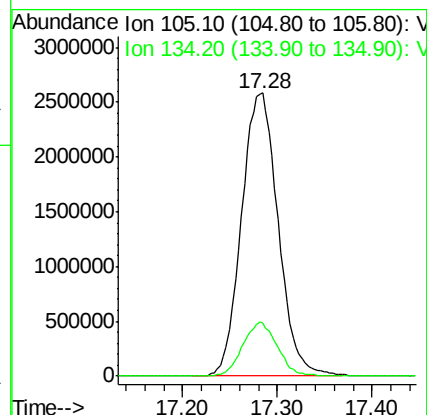
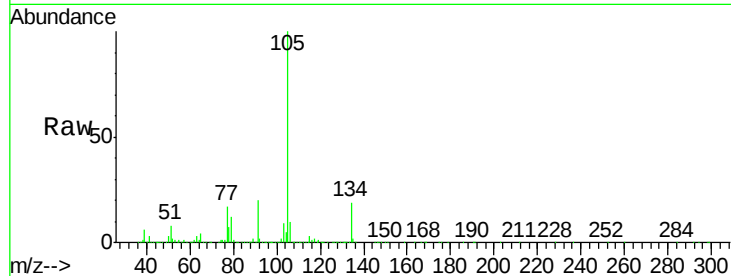
#67
 sec-Butylbenzene
 Concen: 9.129 ppbv
 RT: 17.28 min Scan# 4509
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 105 Resp: 6924397
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.9 22.3

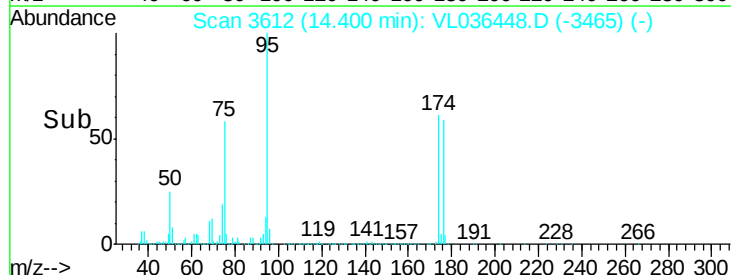
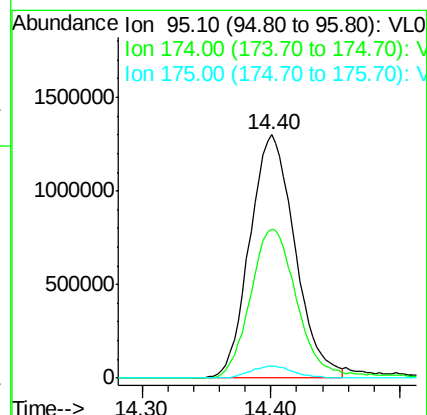
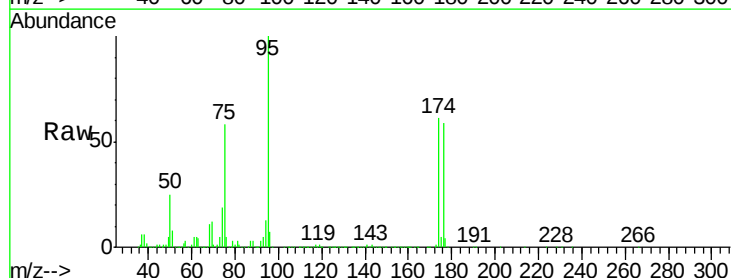
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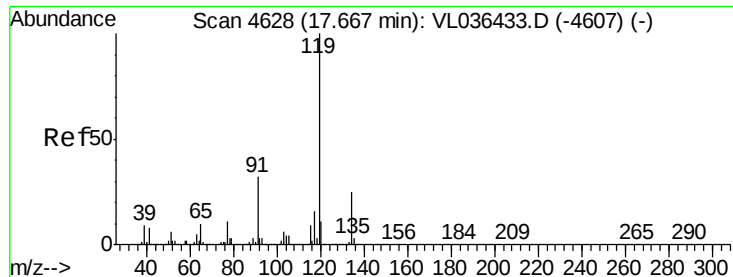
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.825 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion: 95 Resp: 3169968
 Ion Ratio Lower Upper
 95 100
 174 64.6 51.0 76.4
 175 5.1 3.8 5.6





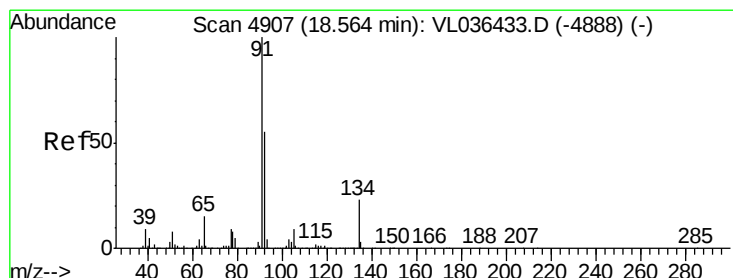
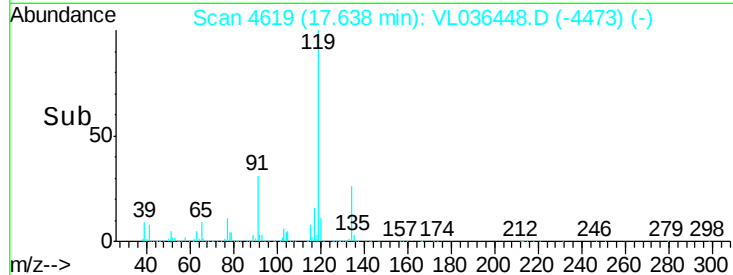
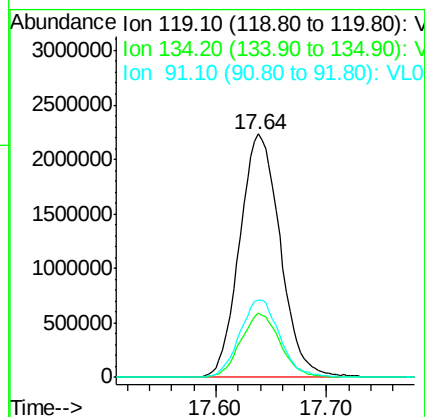
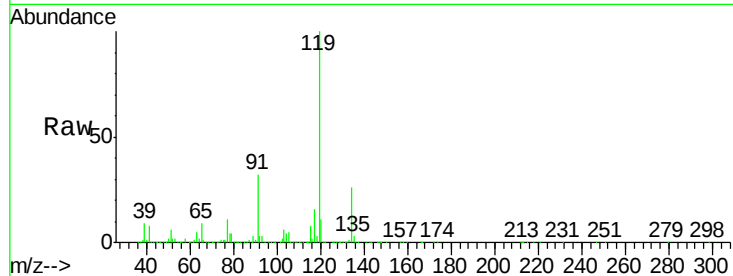
#69
 p-Isopropyltoluene
 Concen: 9.366 ppbv
 RT: 17.64 min Scan# 4619
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	30.8
91	31.5	25.3	37.9

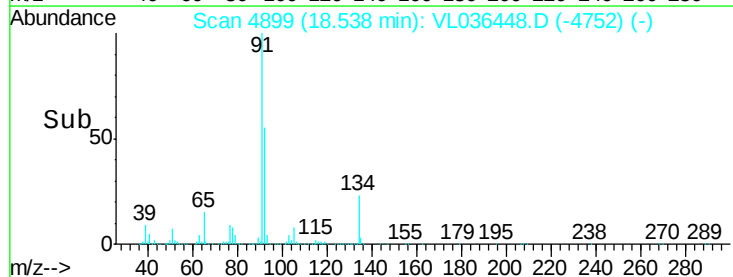
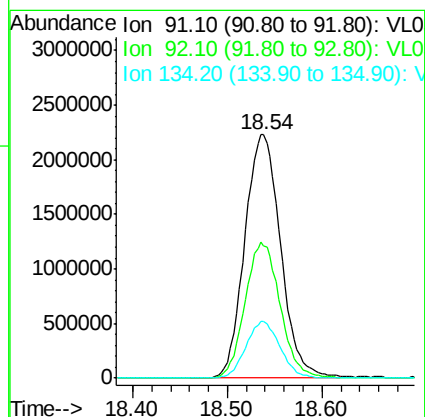
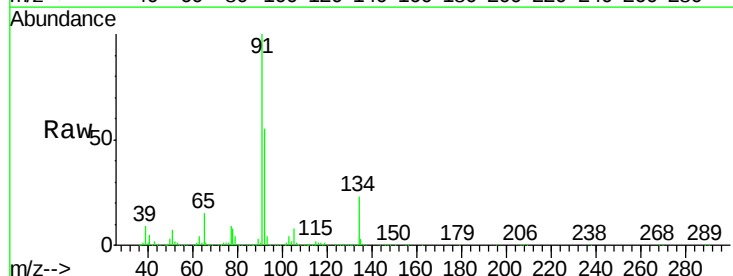
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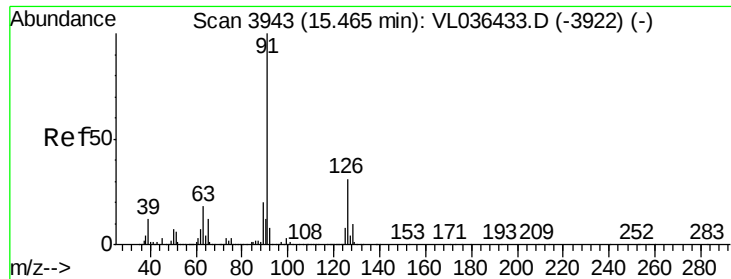
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#70
 n-Butylbenzene
 Concen: 9.349 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	44.1	66.1
134	22.4	17.9	26.9





#71

2-Chlorotoluene

Concen: 9.305 ppbv

RT: 15.44 min Scan# 3935

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 4369969

Ion Ratio Lower Upper

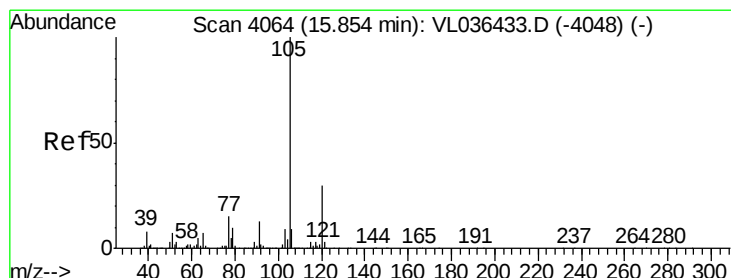
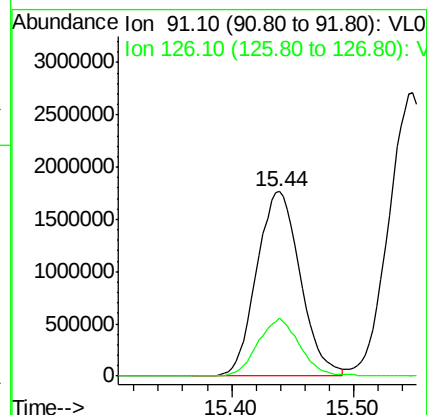
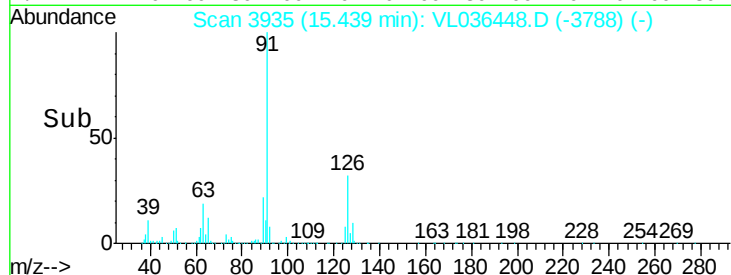
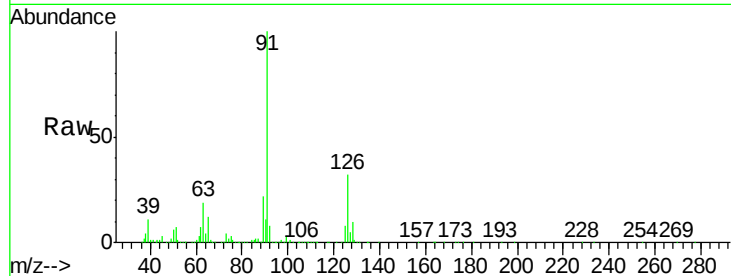
91 100

126 30.8 12.0 48.0

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#72

4-Ethyltoluene

Concen: 9.706 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Tgt Ion: 105 Resp: 4364684

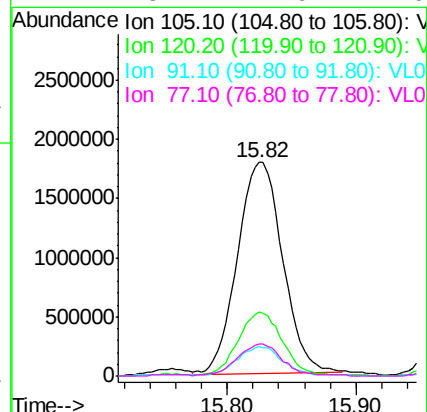
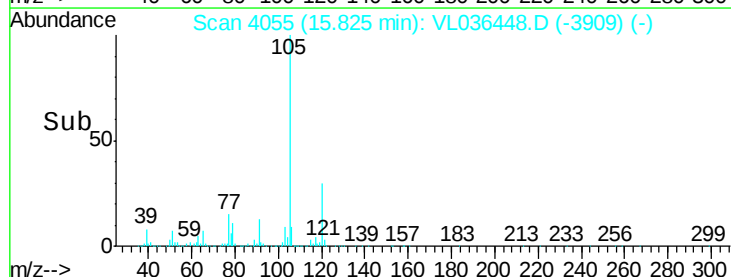
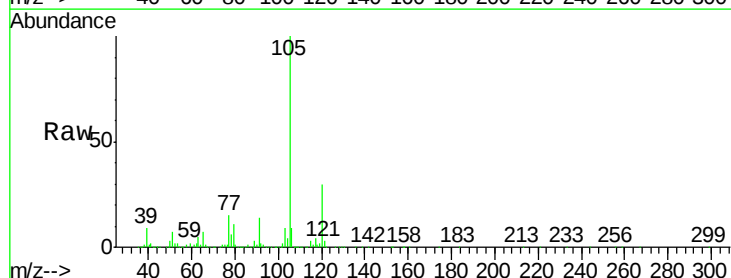
Ion Ratio Lower Upper

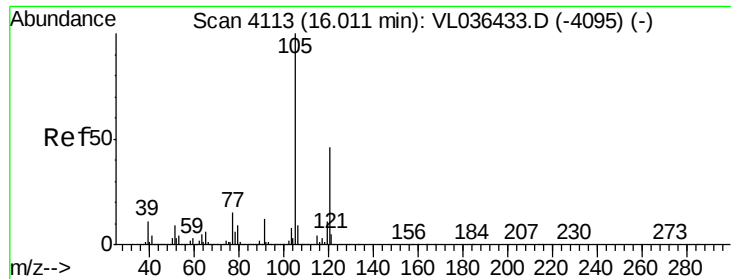
105 100

120 30.1 23.8 35.6

91 13.7 10.9 16.3

77 15.2 11.9 17.9





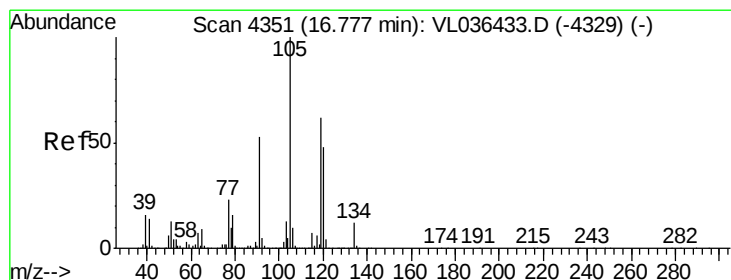
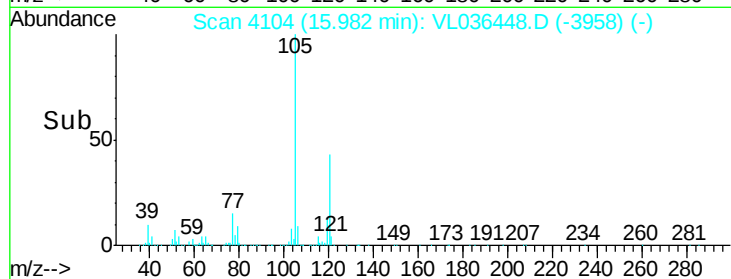
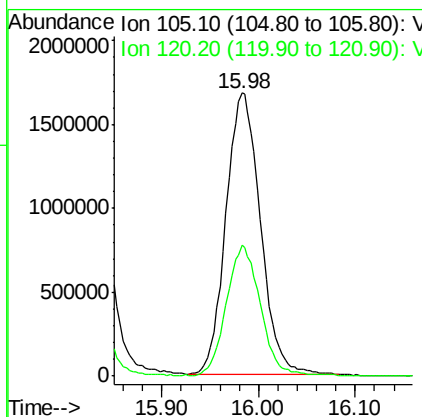
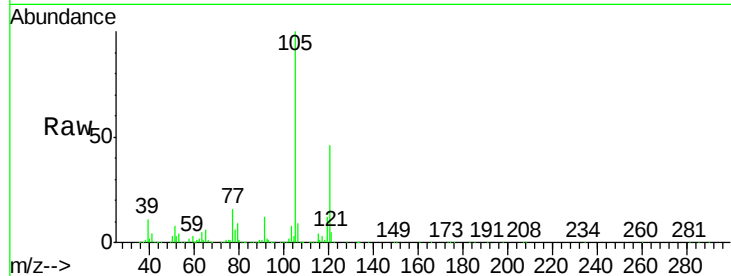
#73
 1,3,5-Trimethylbenzene
 Concen: 9.584 ppbv
 RT: 15.98 min Scan# 4104
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:105 Resp: 4181684
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.4 54.6

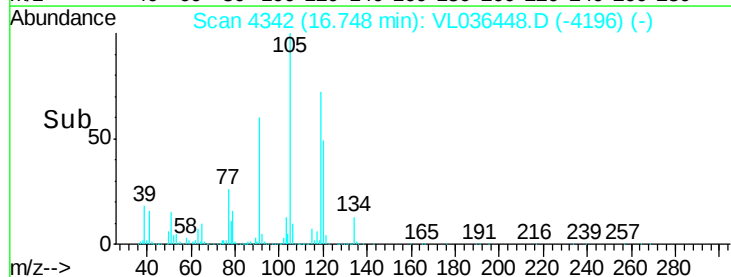
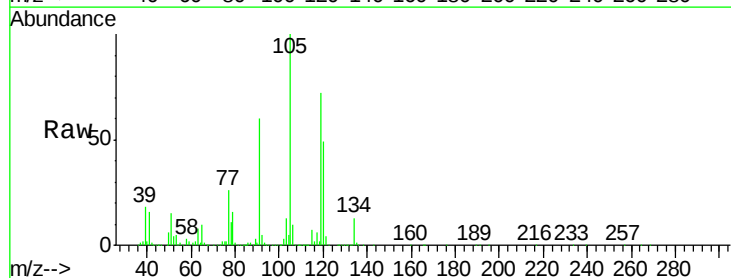
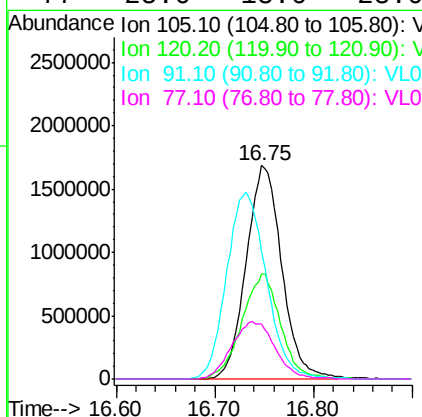
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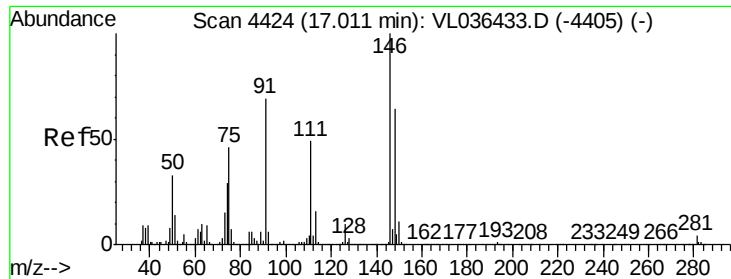
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.062 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion:105 Resp: 4198125
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.2 57.4
 91 59.7 42.6 63.8
 77 25.6 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 9.109 ppbv

RT: 16.98 min Scan# 4414

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:146 Resp: 2343499

Ion Ratio Lower Upper

146 100

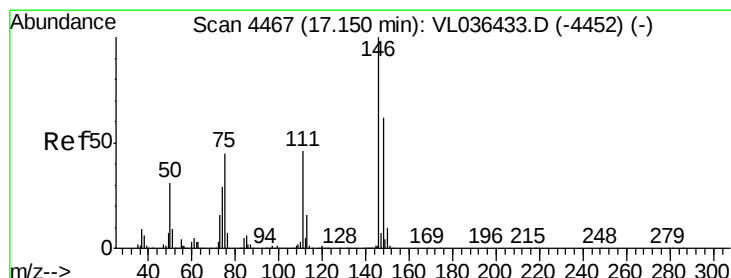
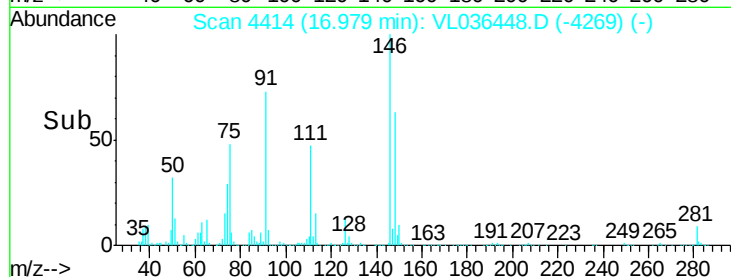
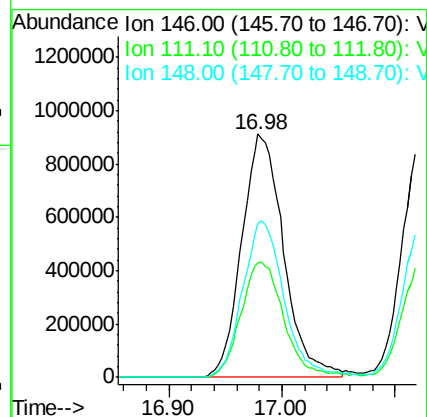
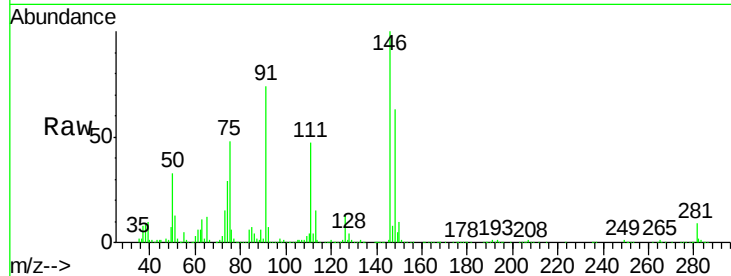
111 48.7 24.5 73.5

148 63.9 32.4 97.0

Manual Integrations
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#76

1,4-Dichlorobenzene

Concen: 8.915 ppbv

RT: 17.12 min Scan# 4459

Delta R.T. -0.03 min

Lab File: VL036448.D

Acq: 19 Mar 2021 14:27

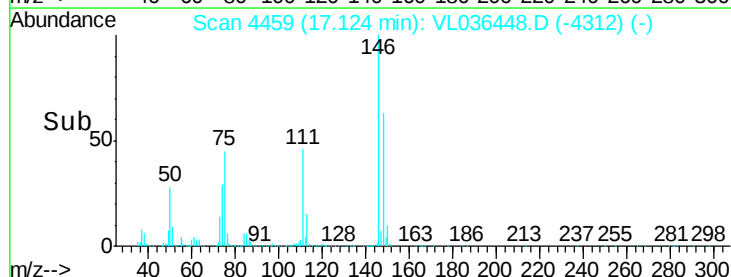
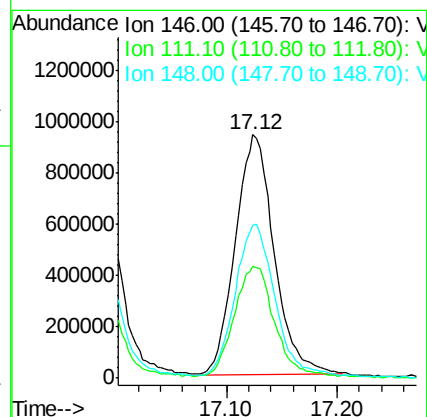
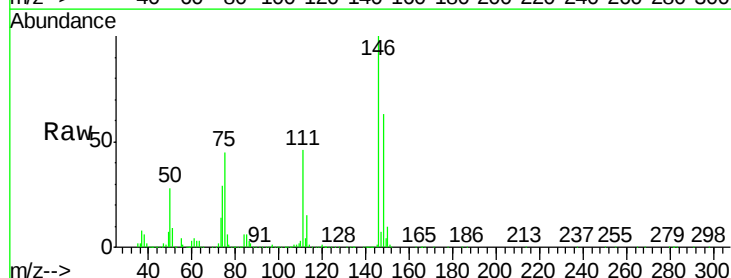
Tgt Ion:146 Resp: 2291943

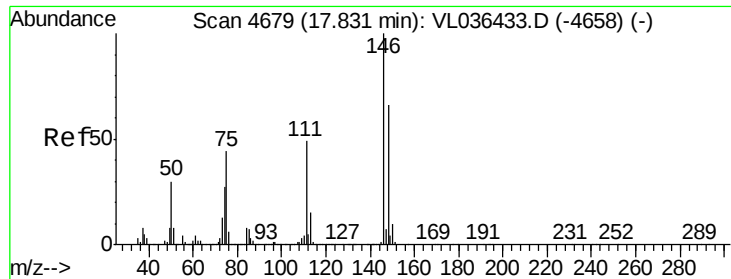
Ion Ratio Lower Upper

146 100

111 48.9 24.5 73.5

148 66.4 33.1 99.2





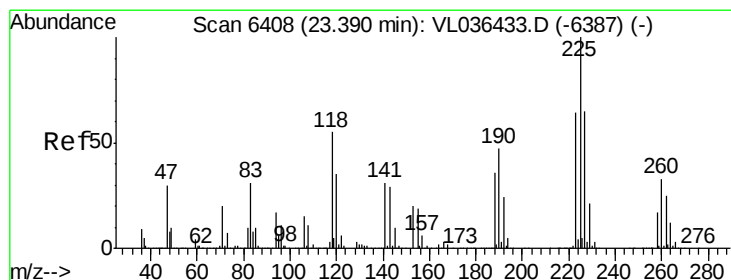
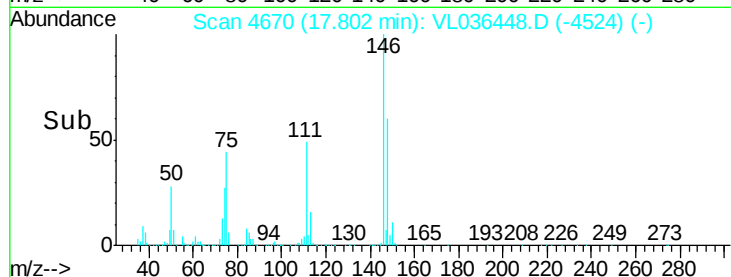
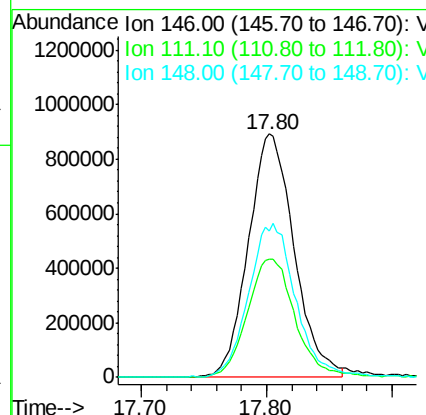
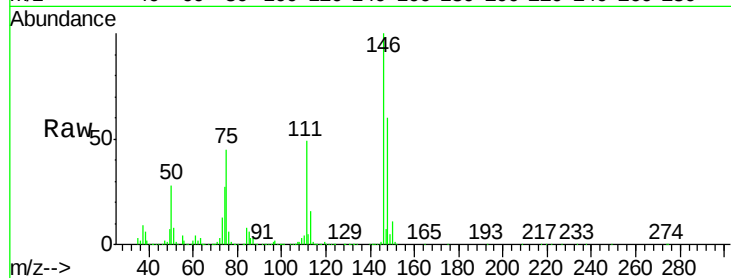
#77
 1,2-Dichlorobenzene
 Concen: 8.952 ppbv
 RT: 17.80 min Scan# 4679
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	51.2	25.4	76.2
148	64.9	32.0	96.2

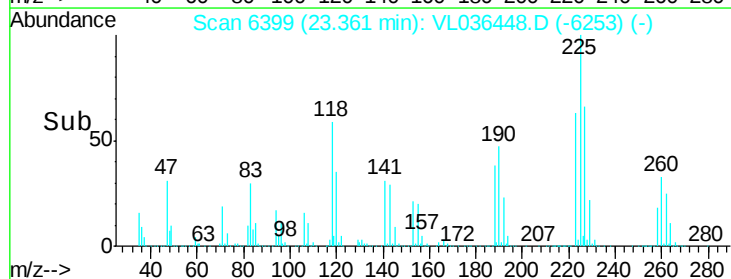
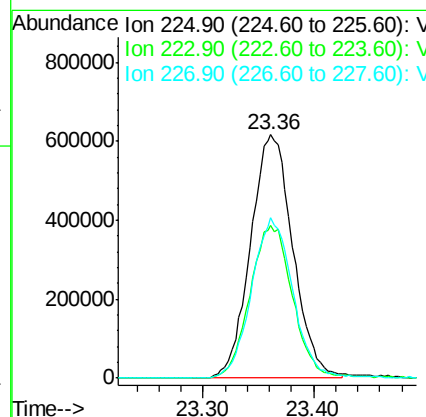
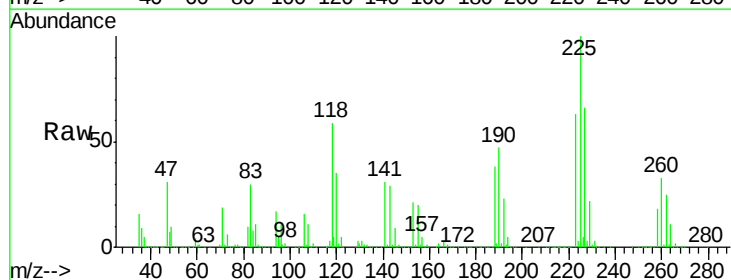
Manual Integrations
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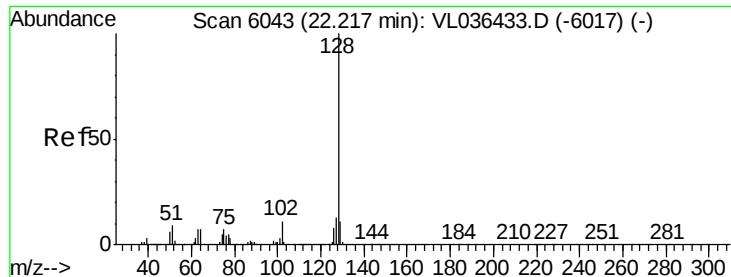
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.195 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. -0.03 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.8	77.8
227	64.9	53.0	79.6





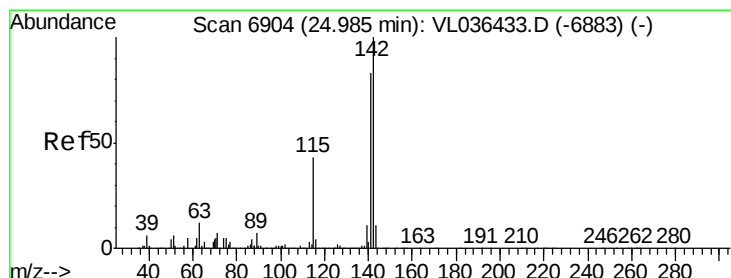
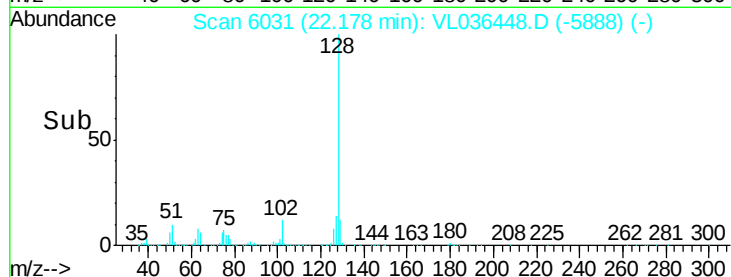
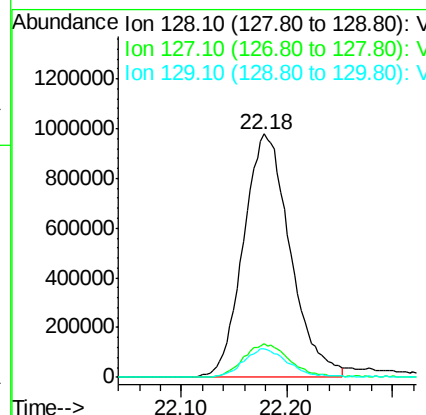
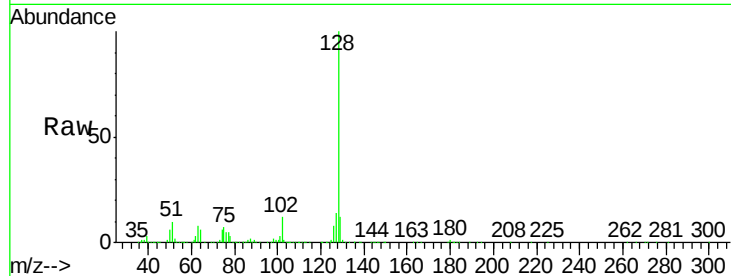
#79
Naphthalene
Concen: 11.084 ppbv
RT: 22.18 min Scan# 6031
Delta R.T. -0.04 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.6	9.1	13.7

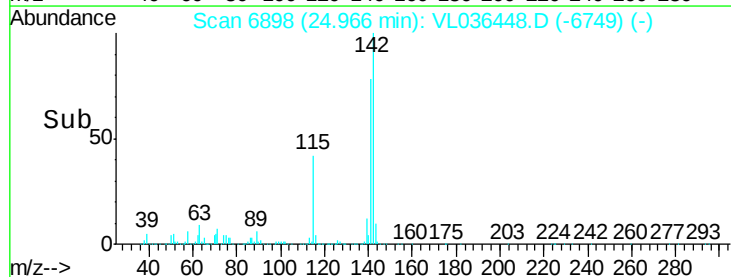
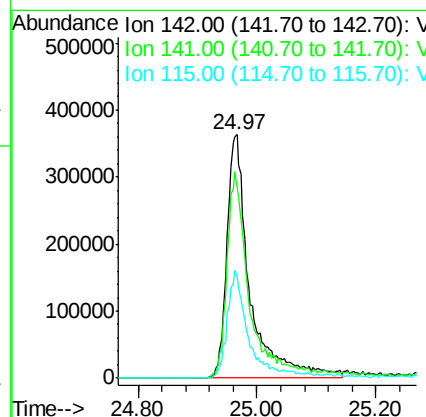
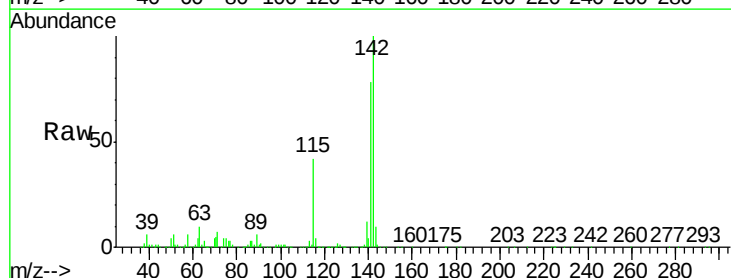
Manual Integrations
APPROVED

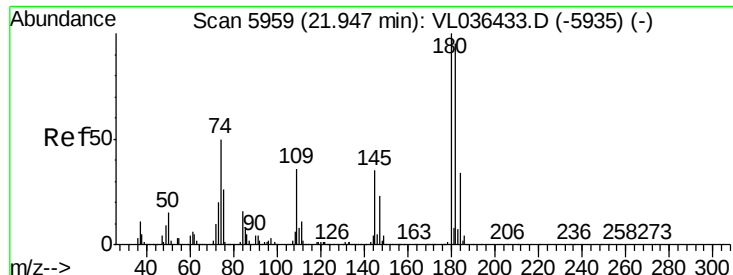
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#80
Naphthalene, 2-methyl-
Concen: 16.672 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. -0.02 min
Lab File: VL036448.D
Acq: 19 Mar 2021 14:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	69.0	103.6
115	41.2	32.4	48.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.281 ppbv
 RT: 21.91 min Scan# 5948
 Delta R.T. -0.04 min
 Lab File: VL036448.D
 Acq: 19 Mar 2021 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.9	81.8	122.6
184	32.6	26.6	40.0

Manual Integrations
 APPROVED

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