

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037064.D
 Acq On : 1 Jun 2021 9:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 2:58:18 PM

Quant Time: Jun 02 03:07:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1466062	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4415669	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	4112955m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3276342	10.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	2152952	8.657	ppbv	99
3) Chlorodifluoromethane	2.97	51	2711873	10.097	ppbv	95
4) Chloromethane	3.12	50	953951	10.438	ppbv	99
5) Vinyl Chloride	3.24	62	1001853	10.028	ppbv	99
6) Bromomethane	3.46	94	572355	10.873	ppbv	100
7) Chloroethane	3.54	64	368281	11.353	ppbv	100
8) Dichlorotetrafluoroethane	3.17	85	2524689	10.812	ppbv	96
9) Propene	3.00	41	888532	9.239	ppbv	99
10) Heptane	8.10	43	2262377	9.439	ppbv	100
11) Trichlorofluoromethane	3.93	101	2695584	11.709	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1846898	11.263	ppbv	96
13) Ethanol	3.60	45	122885m	9.576	ppbv	
14) Bromoethene	3.73	108	819014	11.340	ppbv	99
15) Acetone	3.84	43	1329850	8.856	ppbv	97
16) 1,3-Butadiene	3.31	39	999860	10.717	ppbv	96
17) tert-Butyl alcohol	4.27	59	1499011	10.898	ppbv	99
18) 1,1-Dichloroethene	4.27	96	819582	10.809	ppbv	99
19) Isopropyl Alcohol	3.95	45	894561	11.082	ppbv #	34
20) Methylene Chloride	4.33	84	700645	8.704	ppbv	99
21) Allyl Chloride	4.39	41	1240227	10.948	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	826704	11.376	ppbv	99
23) Vinyl Acetate	5.06	43	2341698	9.825	ppbv	98
24) 1,1-Dichloroethane	4.99	63	1786837	10.415	ppbv	99
25) Ethyl Acetate	5.66	43	3484453	9.657	ppbv	100
26) Hexane	5.67	57	1681197	9.120	ppbv	97
27) Carbon Disulfide	4.53	76	2009044	10.814	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	2171726	9.829	ppbv	99
29) Chloroform	5.73	83	2809933	10.790	ppbv	97
30) Cyclohexane	7.11	84	1514101	9.666	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	1690570	10.229	ppbv	99
32) 1,1,1-Trichloroethane	6.49	97	2943788	10.527	ppbv	99
34) 2-Butanone	5.23	43	1627987	10.125	ppbv	98
35) Carbon Tetrachloride	7.00	117	3144635	10.718	ppbv	99
36) Benzene	6.87	78	3566689	9.377	ppbv	99
37) 1,2-Dichloroethane	6.29	62	2080966	11.036	ppbv	99
38) Trichloroethene	7.81	130	1490590	9.161	ppbv	99
39) 1,2-Dichloropropane	7.59	63	1373809	9.376	ppbv	96
40) 1,4-Dioxane	7.82	88	338593	9.787	ppbv #	100
41) Tetrahydrofuran	6.03	42	804556	8.786	ppbv	97
42) Bromodichloromethane	7.77	83	3037491	10.647	ppbv	97
43) Methyl Methacrylate	8.00	69	1318019	10.054	ppbv	99

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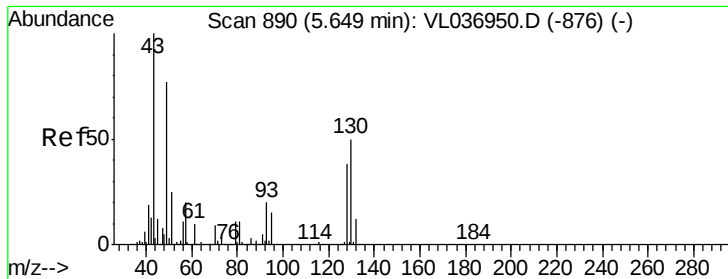
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Quant Time: Jun 02 03:07:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	5874505	9.003	ppbv	98
45) t-1,3-Dichloropropene	9.26	75	1045903	10.443	ppbv	100
46) cis-1,3-Dichloropropene	8.68	75	1359413	10.091	ppbv	97
47) 1,1,2-Trichloroethane	9.45	97	1533544	10.000	ppbv	99
48) Dibromochloromethane	10.28	129	2802420	11.286	ppbv	100
49) Bromoform	13.02	173	2342395	11.423	ppbv	99
50) 4-Methyl-2-Pentanone	8.72	43	2542238	9.582	ppbv	99
51) 2-Hexanone	10.12	43	1363855	9.724	ppbv #	96
52) Tetrachloroethene	11.20	164	1479086	9.779	ppbv	96
53) Toluene	9.78	91	4305492	9.514	ppbv	99
54) 1,2-Dibromoethane	10.59	107	2297421	10.538	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.10	131	1893140	10.939	ppbv #	56
57) Chlorobenzene	12.12	112	3264529	10.237	ppbv	99
58) Ethyl Benzene	12.69	91	5743317	9.894	ppbv	100
59) m/p-Xylene	12.97	91	9722944m	20.263	ppbv	
60) o-Xylene	13.67	91	4623226	10.102	ppbv	99
61) Styrene	13.50	104	2697242	10.462	ppbv	98
62) Isopropylbenzene	14.64	105	6527758	9.925	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.65	83	3160732	9.248	ppbv	99
64) n-propylbenzene	15.54	120	1790561	10.552	ppbv	99
65) tert-Butylbenzene	16.72	119	6014215	10.134	ppbv	98
66) Benzyl Chloride	16.97	91	355979m	10.811	ppbv	
67) sec-Butylbenzene	17.27	105	8059464	9.955	ppbv	99
69) p-Isopropyltoluene	17.63	119	7174223	10.306	ppbv	99
70) n-Butylbenzene	18.53	91	6912098	10.453	ppbv	100
71) 2-Chlorotoluene	15.43	91	4831853	10.172	ppbv	99
72) 4-Ethyltoluene	15.82	105	5716737	10.525	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	5271378	10.335	ppbv	99
74) 1,2,4-Trimethylbenzene	16.74	105	5473116	10.378	ppbv	99
75) 1,3-Dichlorobenzene	16.98	146	3448790	10.709	ppbv	100
76) 1,4-Dichlorobenzene	17.11	146	3383359	10.391	ppbv	99
77) 1,2-Dichlorobenzene	17.79	146	3364760	10.427	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	2436169	9.389	ppbv	100
79) Naphthalene	22.17	128	4809331	11.622	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	864546	9.608	ppbv	99
81) 1,2,4-Trichlorobenzene	21.91	180	2761443m	10.947	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 49 Resp: 1466062

Ion Ratio Lower Upper

49 100

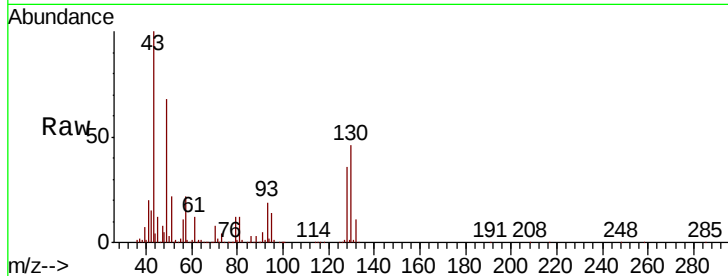
128 59.3 26.9 80.7

130 73.3 33.8 101.4

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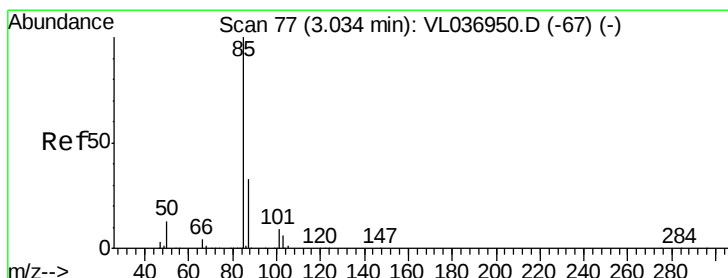
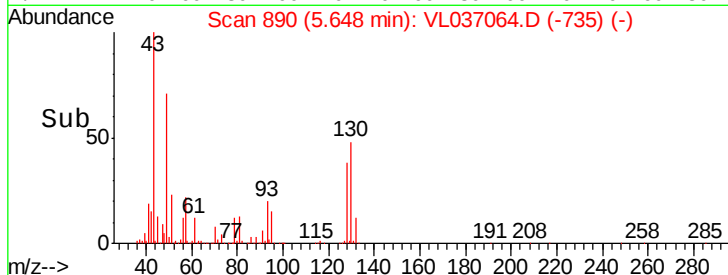
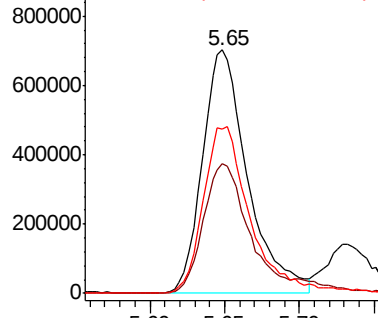
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.657 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.00 min

Lab File: VL037064.D

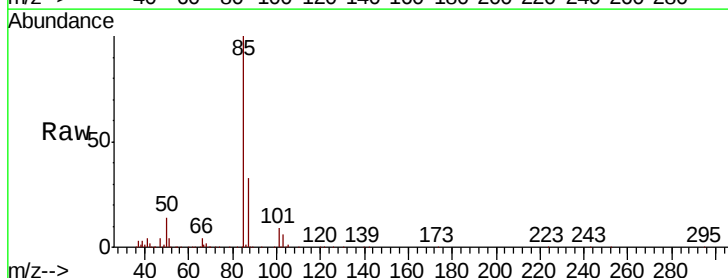
Acq: 1 Jun 2021 9:40

Tgt Ion: 85 Resp: 2152952

Ion Ratio Lower Upper

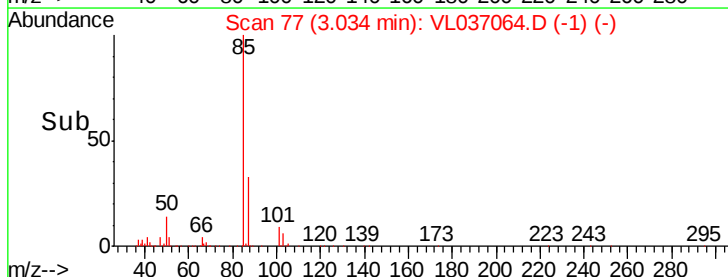
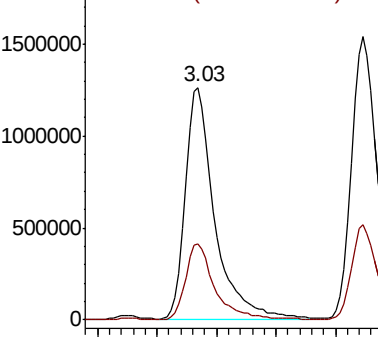
85 100

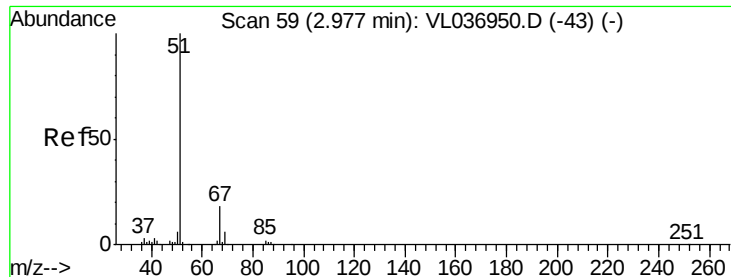
87 32.6 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.097 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 51 Resp: 2711873

Ion Ratio Lower Upper

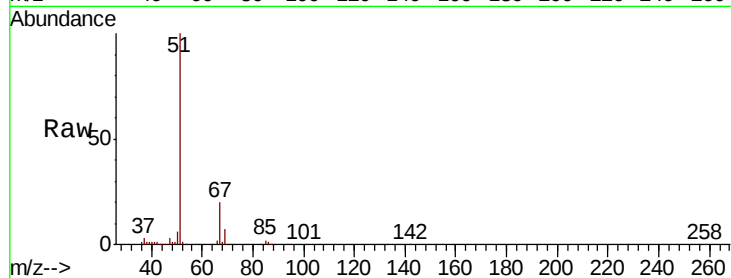
51 100

67 20.3 14.6 21.8

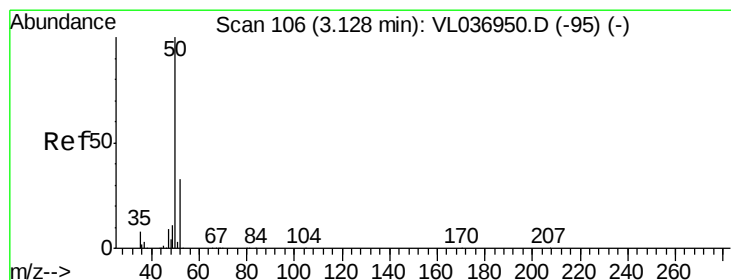
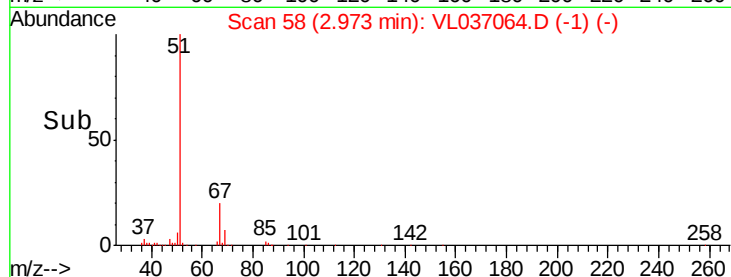
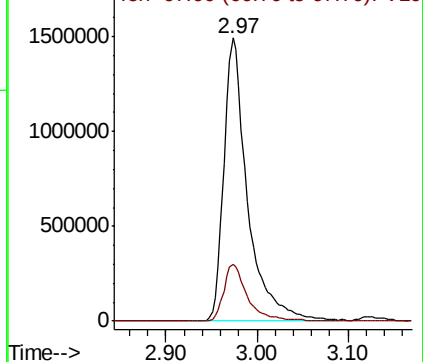
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Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 10.438 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.00 min

Lab File: VL037064.D

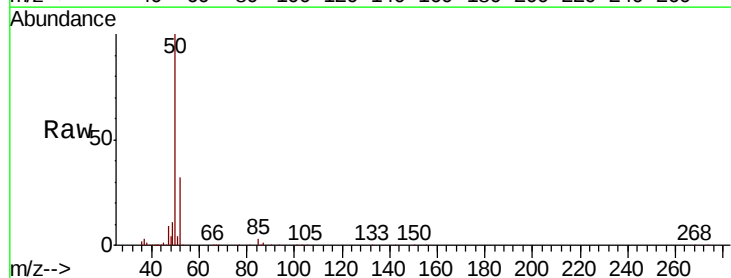
Acq: 1 Jun 2021 9:40

Tgt Ion: 50 Resp: 953951

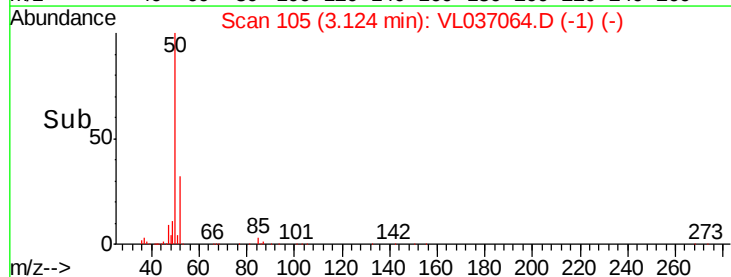
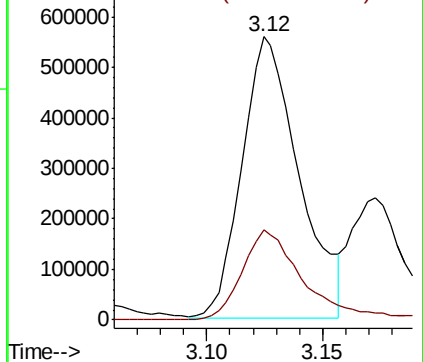
Ion Ratio Lower Upper

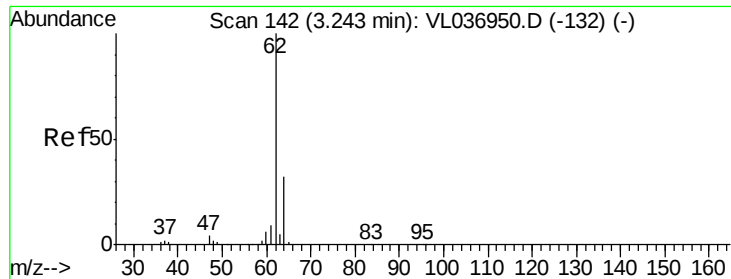
50 100

52 32.1 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.028 ppbv

RT: 3.24 min Scan# 141

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 62 Resp: 1001853

Ion Ratio Lower Upper

62 100

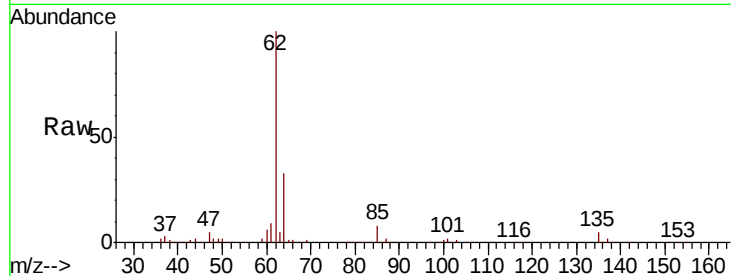
64 33.1 25.9 38.9

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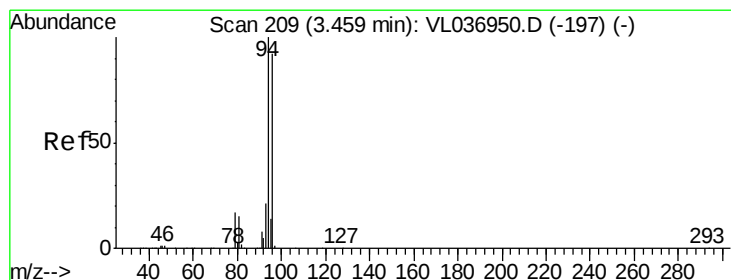
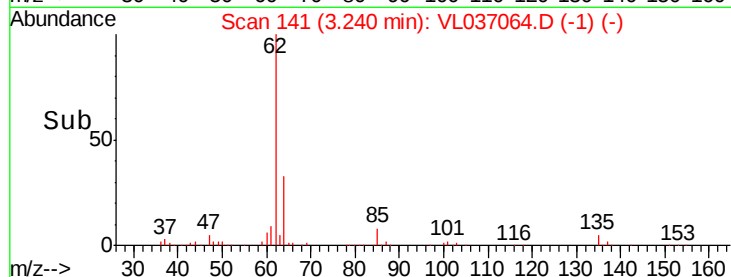
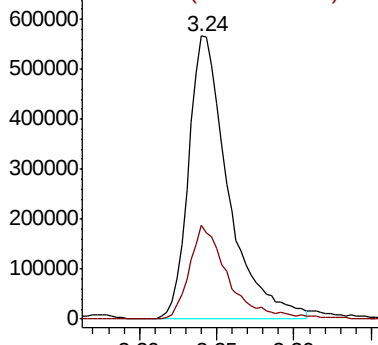
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 10.873 ppbv

RT: 3.46 min Scan# 209

Delta R.T. -0.00 min

Lab File: VL037064.D

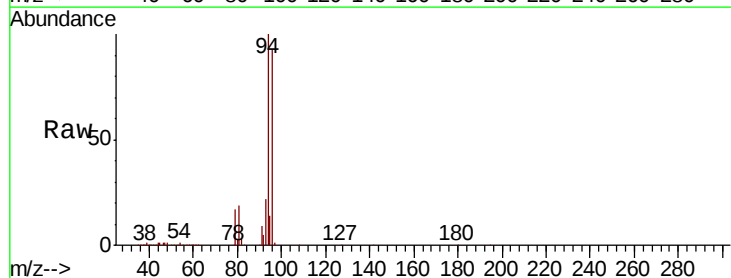
Acq: 1 Jun 2021 9:40

Tgt Ion: 94 Resp: 572355

Ion Ratio Lower Upper

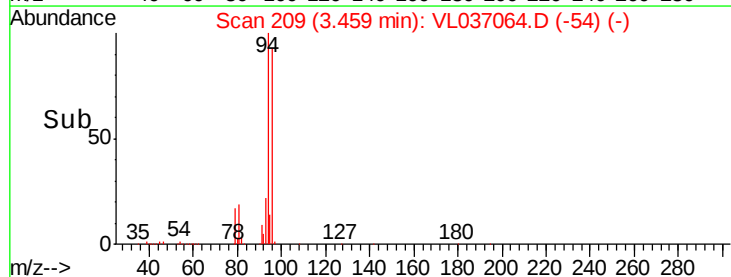
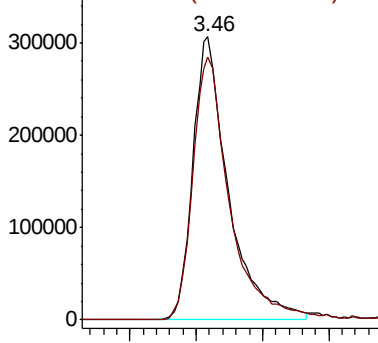
94 100

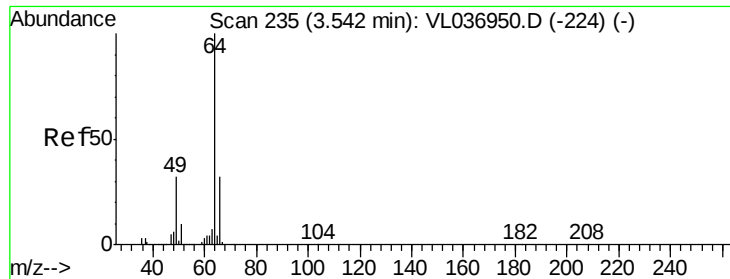
96 92.7 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 11.353 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 64 Resp: 368281

Ion Ratio Lower Upper

64 100

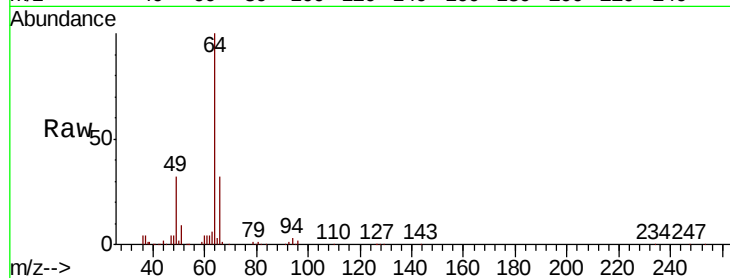
66 31.8 25.4 38.2

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.54

200000

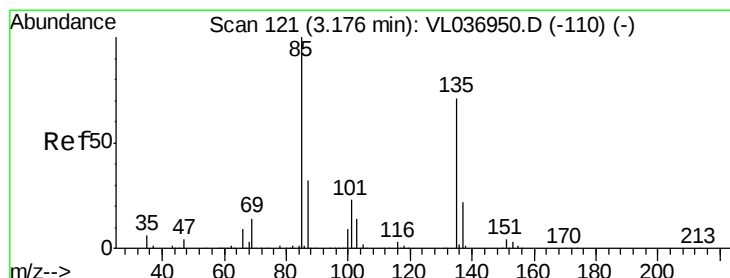
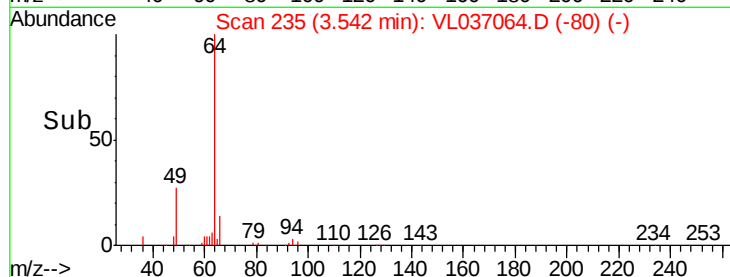
150000

100000

50000

0

Time--> 3.45 3.50 3.55 3.60 3.65



#8

Dichlorotetrafluoroethane

Concen: 10.812 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.00 min

Lab File: VL037064.D

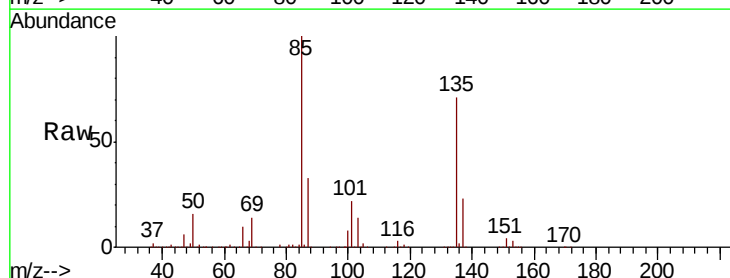
Acq: 1 Jun 2021 9:40

Tgt Ion: 85 Resp: 2524689

Ion Ratio Lower Upper

85 100

135 75.3 57.7 86.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.17

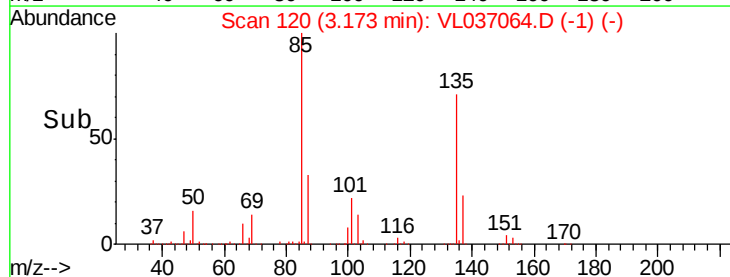
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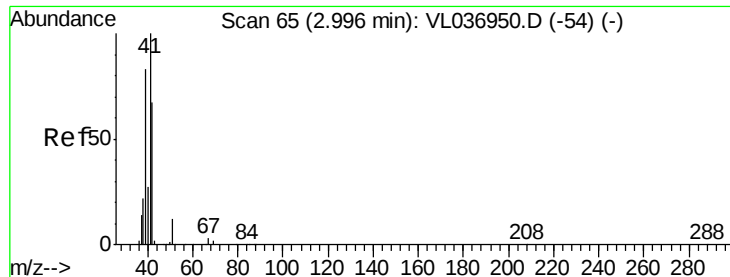
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500000

0

Time--> 3.10 3.15 3.20 3.25





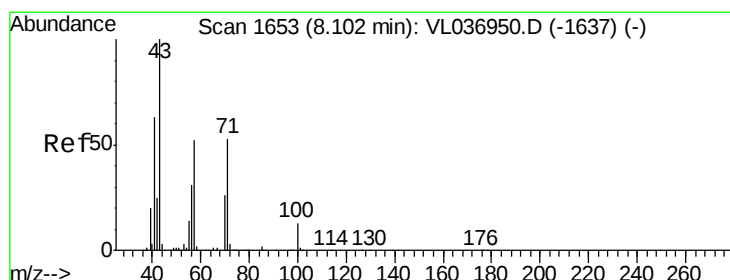
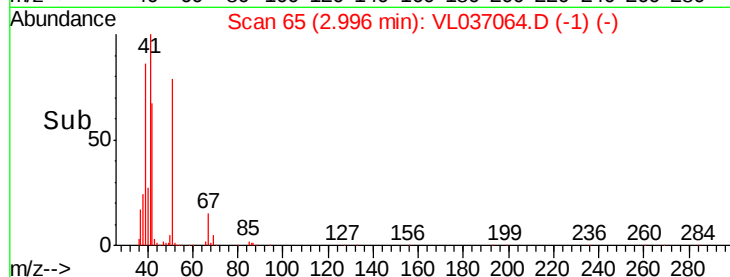
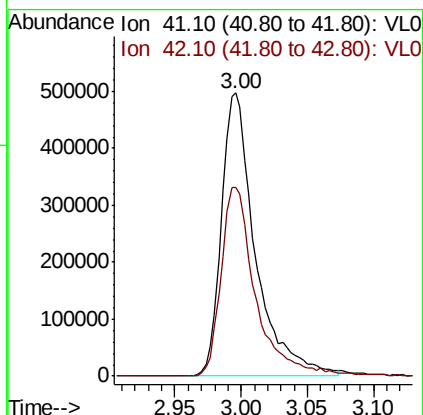
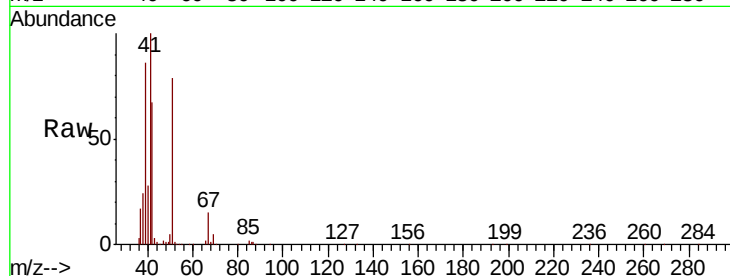
#9
 Propene
 Concen: 9.239 ppbv
 RT: 3.00 min Scan# 65
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 41 Resp: 888532
 Ion Ratio Lower Upper
 41 100
 42 68.3 53.9 80.9

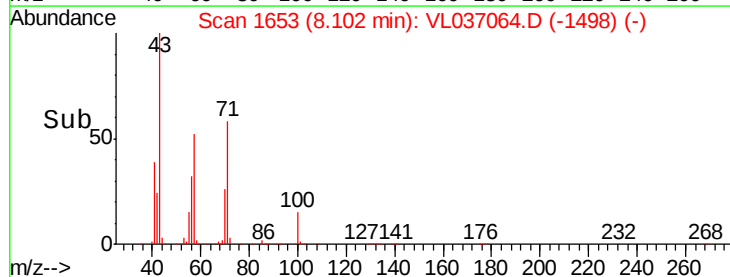
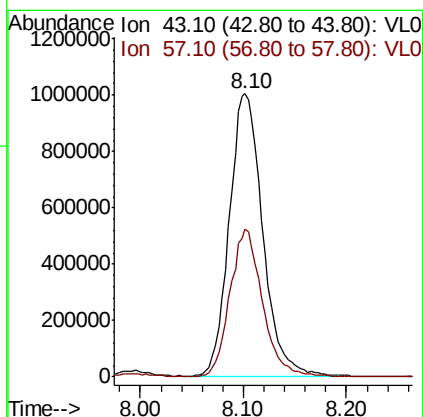
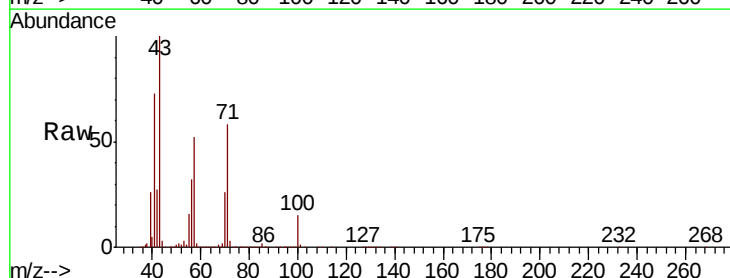
Manual Integrations
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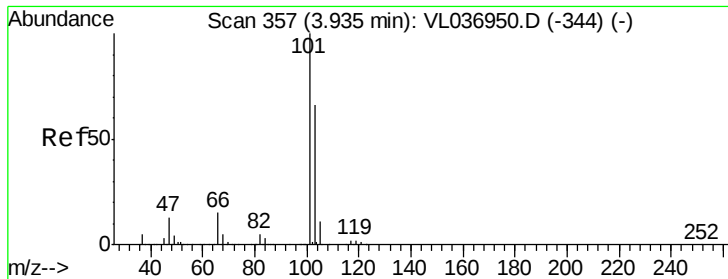
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#10
 Heptane
 Concen: 9.439 ppbv
 RT: 8.10 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Tgt Ion: 43 Resp: 2262377
 Ion Ratio Lower Upper
 43 100
 57 51.0 41.0 61.6





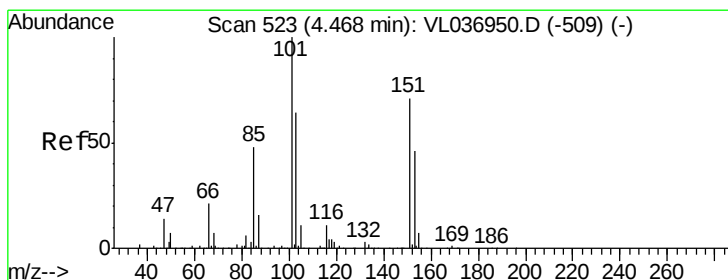
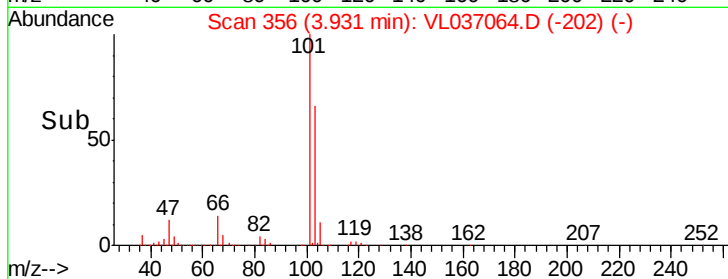
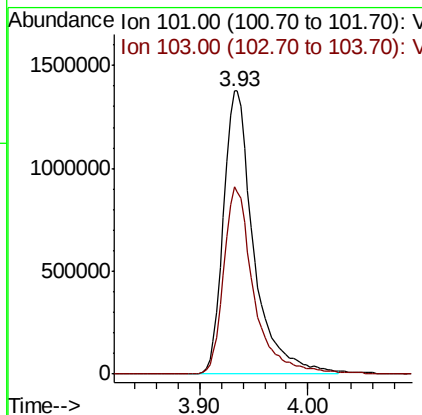
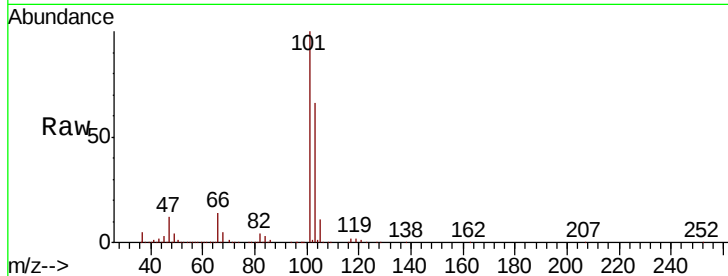
#11
 Trichlorofluoromethane
 Concen: 11.709 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:101 Resp: 2695584
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.6 79.0

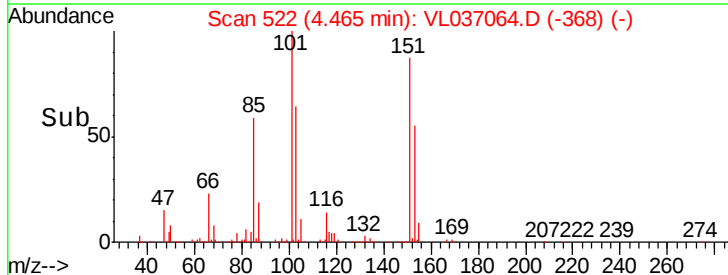
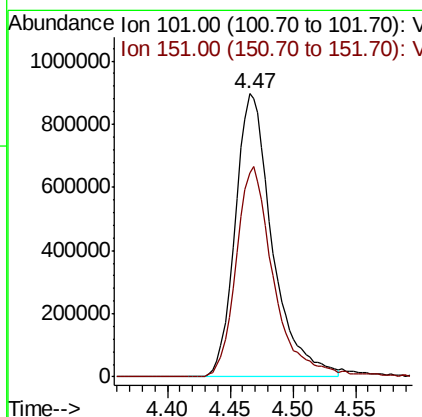
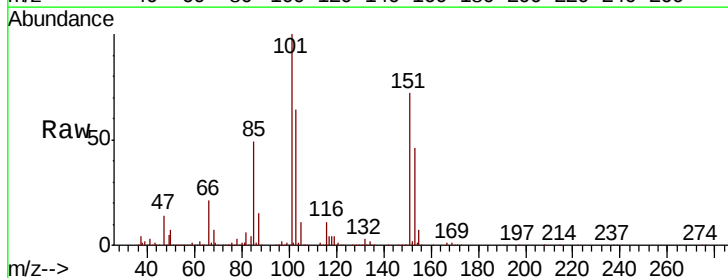
Manual Integrations
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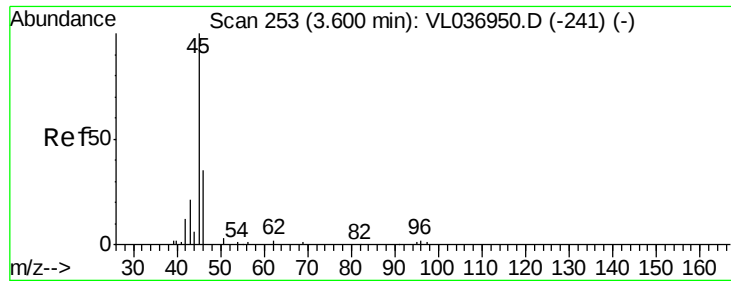
MMDadoda
 6/7/2021 2:58:18 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.263 ppbv
 RT: 4.47 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Tgt Ion:101 Resp: 1846898
 Ion Ratio Lower Upper
 101 100
 151 75.7 57.7 86.5





#13

Ethanol

Concen: 9.576 ppbv m

RT: 3.60 min Scan# 252

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 45 Resp: 122885

Ion Ratio Lower Upper

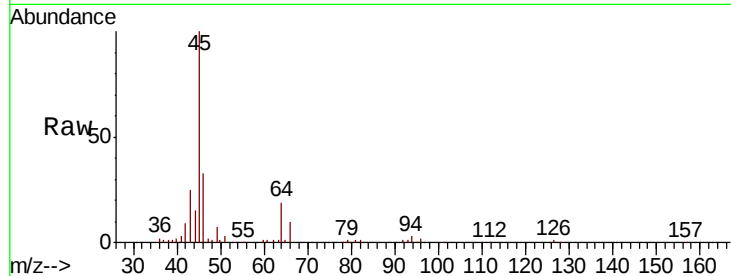
45 100

46 41.2 16.3 65.3

Manual Integrations
APPROVED

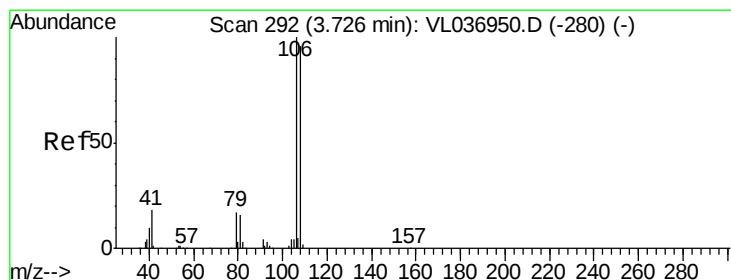
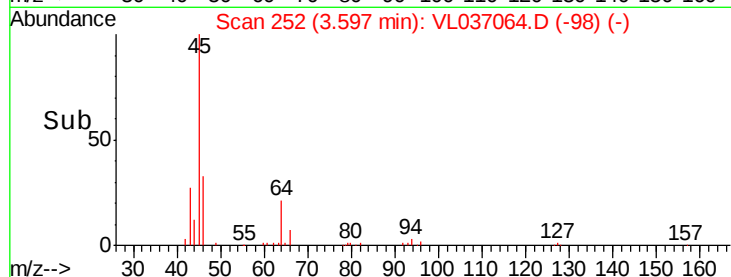
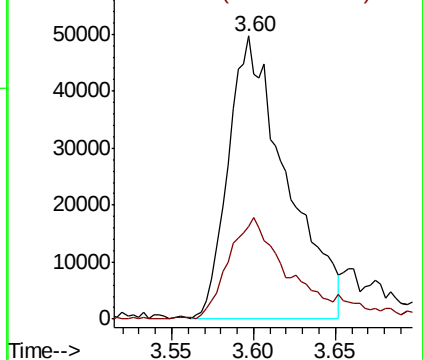
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 11.340 ppbv

RT: 3.73 min Scan# 292

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

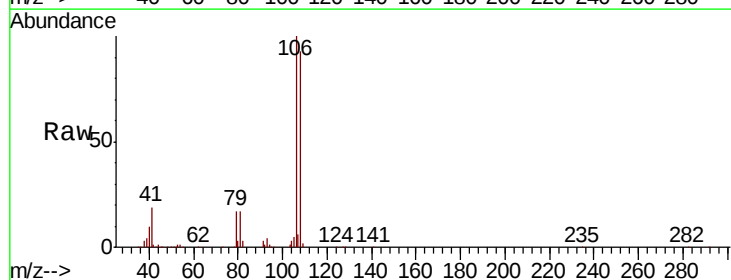
Tgt Ion: 108 Resp: 819014

Ion Ratio Lower Upper

108 100

106 107.4 86.5 129.7

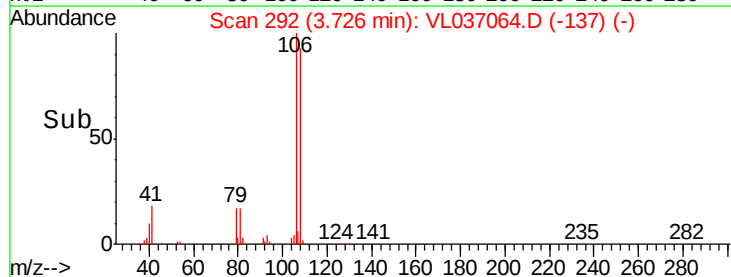
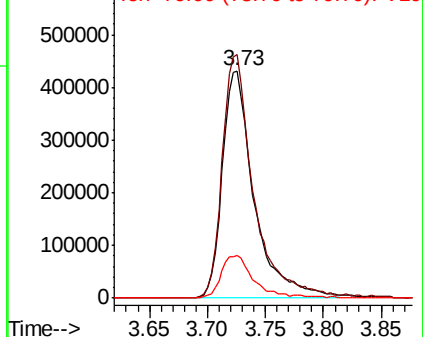
79 19.5 15.0 22.4

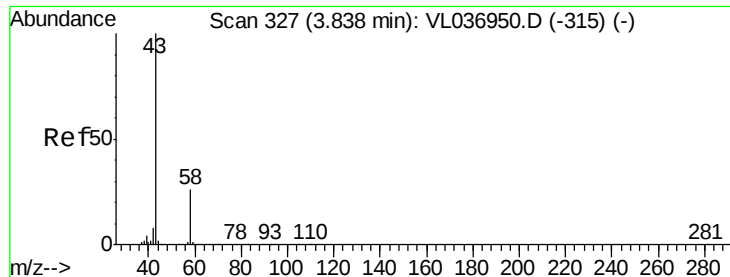


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





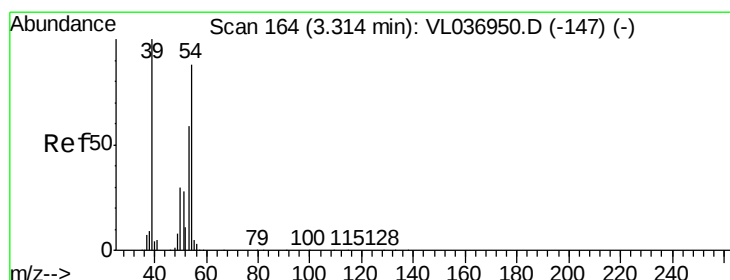
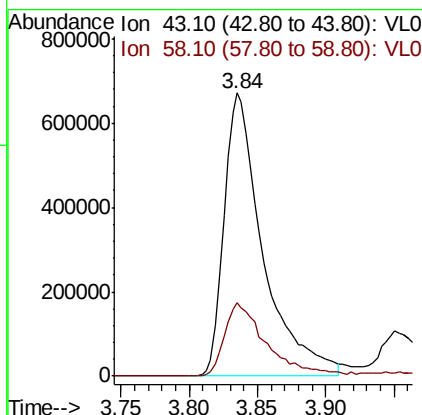
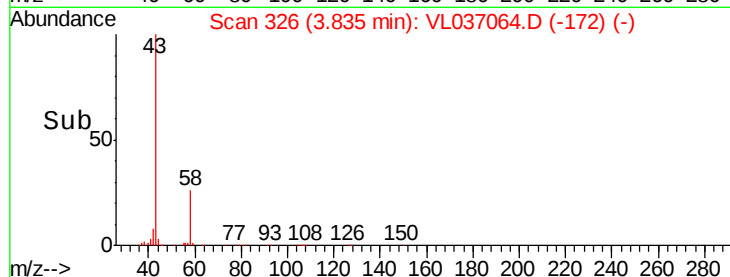
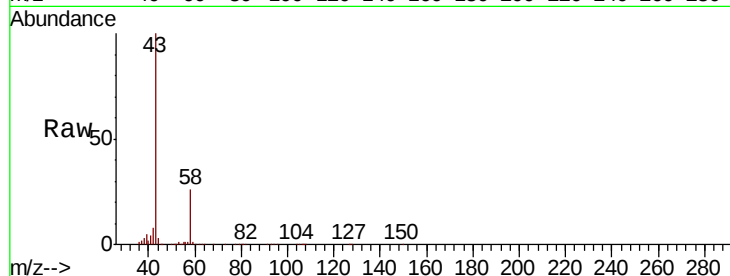
#15
Acetone
Concen: 8.856 ppbv
RT: 3.84 min Scan# 326
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1329850
Ion Ratio Lower Upper
43 100
58 28.4 24.0 36.0

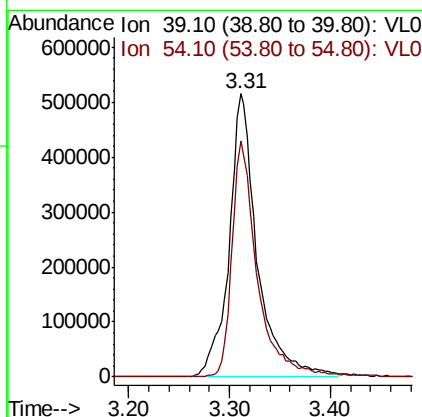
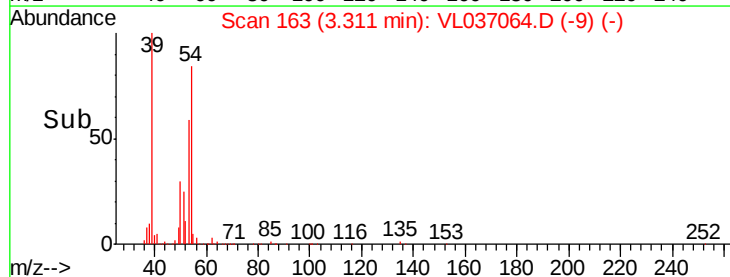
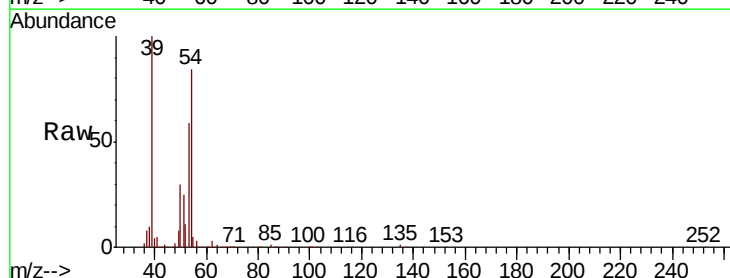
Manual Integrations
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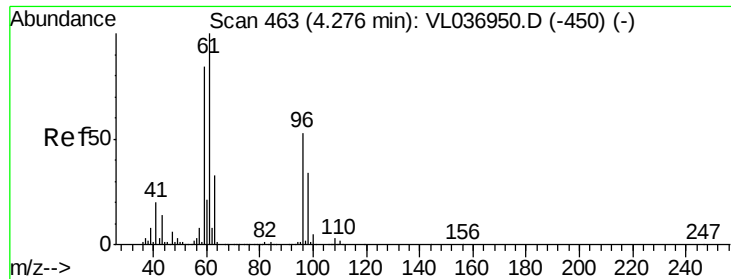
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#16
1,3-Butadiene
Concen: 10.717 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion: 39 Resp: 999860
Ion Ratio Lower Upper
39 100
54 75.8 63.2 94.8





#17

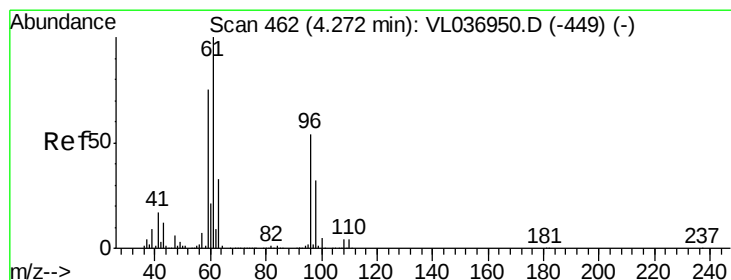
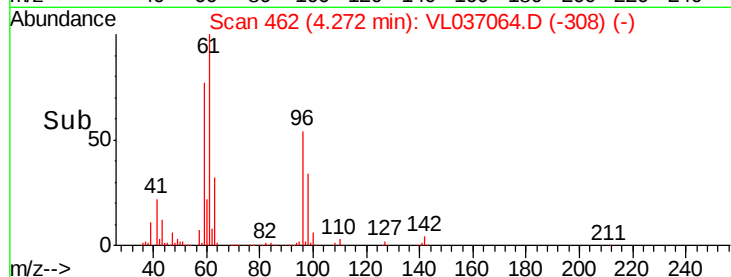
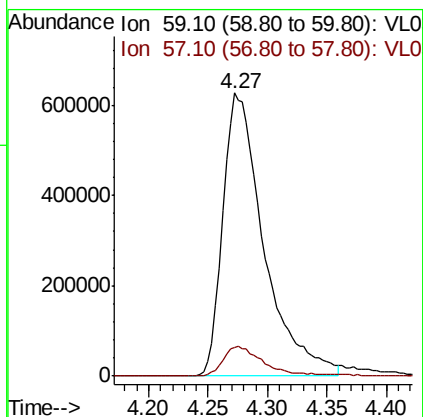
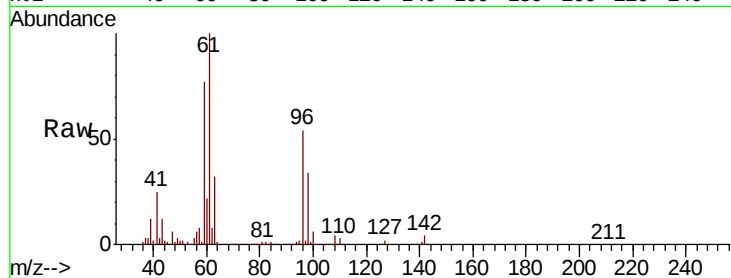
tert-Butyl alcohol
Concen: 10.898 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 59 Resp: 1499011
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
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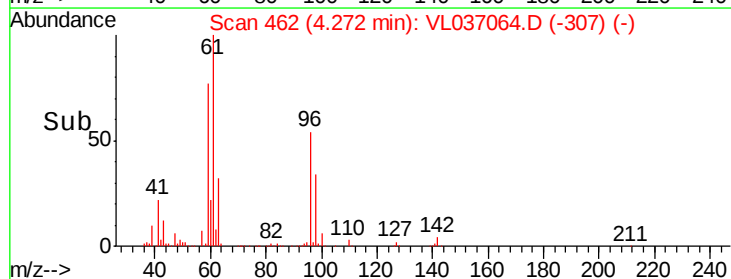
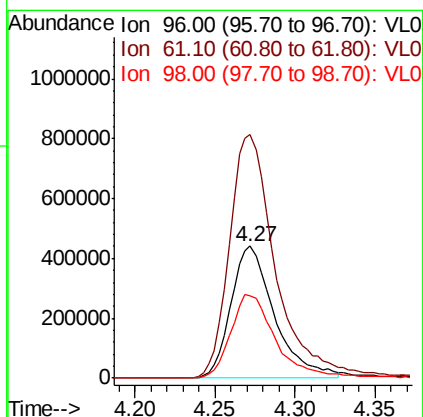
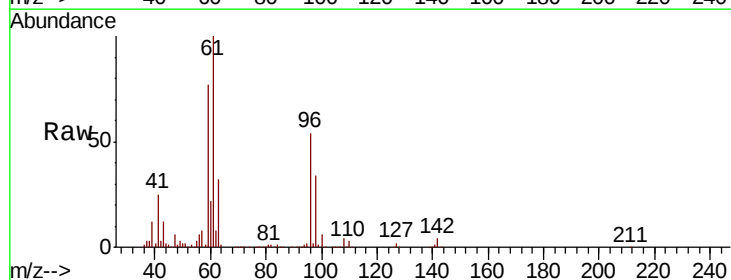
MMDadoda
6/7/2021 2:58:18 PM

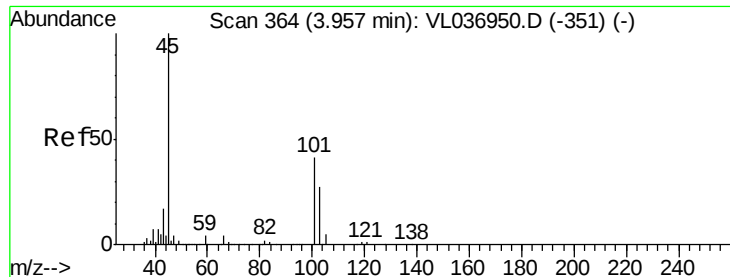


#18

1,1-Dichloroethene
Concen: 10.809 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion: 96 Resp: 819582
Ion Ratio Lower Upper
96 100
61 184.3 148.2 222.4
98 62.3 47.8 71.6





#19

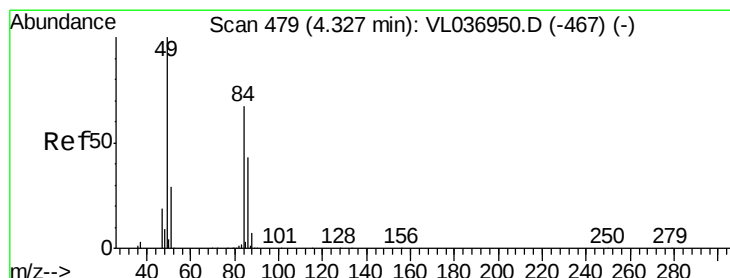
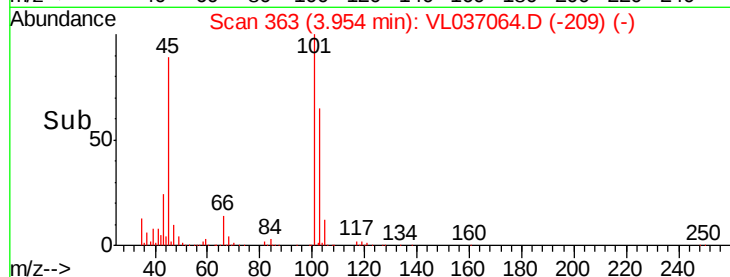
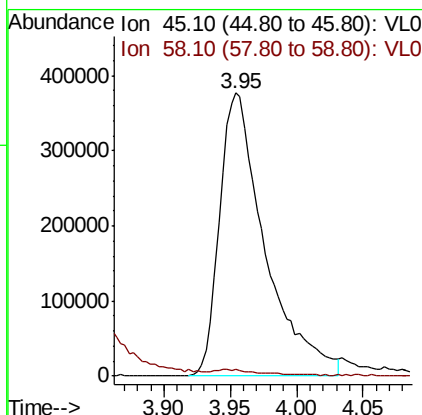
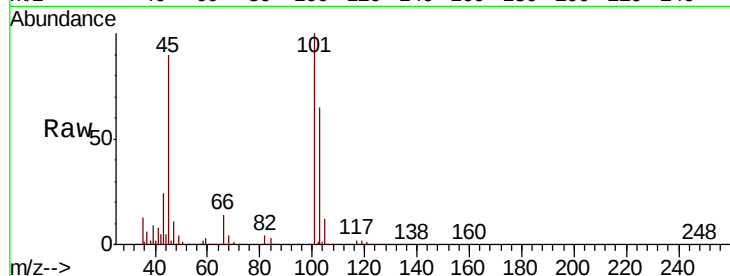
Isopropyl Alcohol
 Concen: 11.082 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 45 Resp: 894561
 Ion Ratio Lower Upper
 45 100
 58 2.4 37.2 55.8#

Manual Integrations
 APPROVED

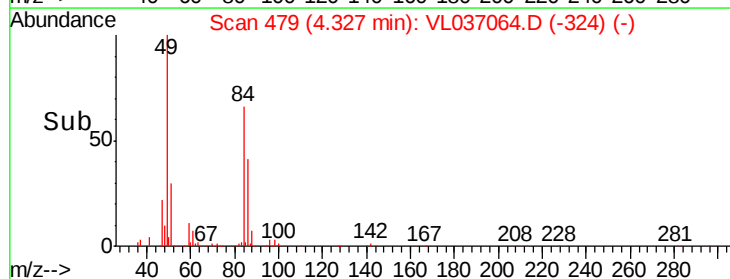
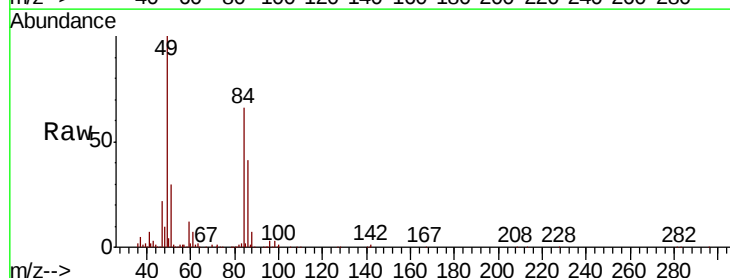
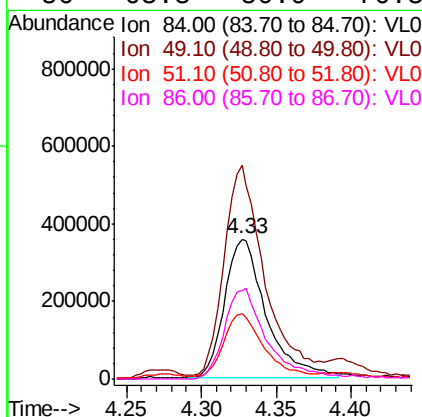
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 6/7/2021 2:58:18 PM

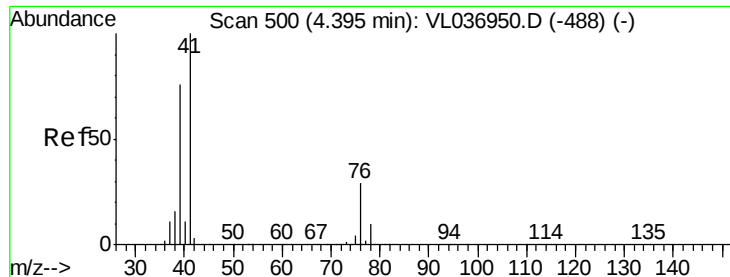


#20

Methylene Chloride
 Concen: 8.704 ppbv
 RT: 4.33 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Tgt Ion: 84 Resp: 700645
 Ion Ratio Lower Upper
 84 100
 49 150.8 119.8 179.6
 51 44.5 35.1 52.7
 86 63.3 50.9 76.3





#21

Allvl Chloride

Concen: 10.948 ppbv

RT: 4.39 min Scan# 500

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 41 Resp: 1240227

Ion Ratio Lower Upper

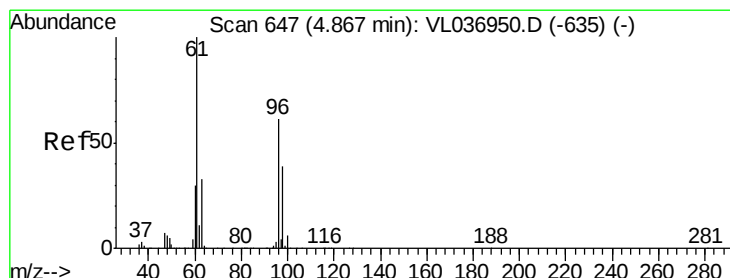
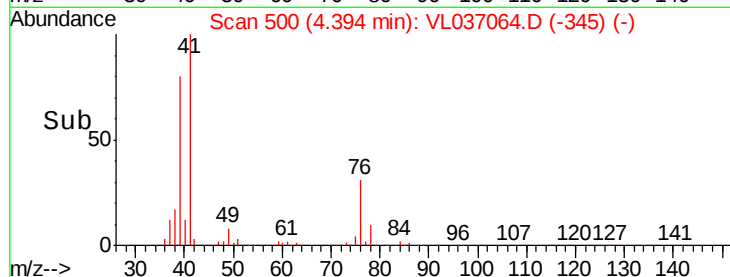
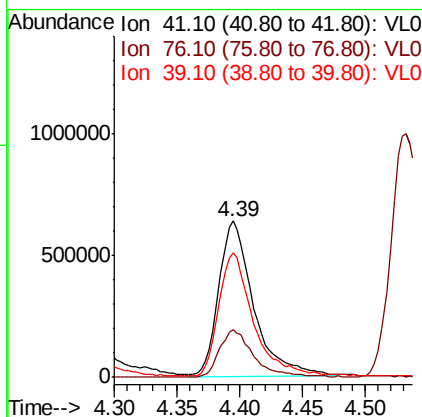
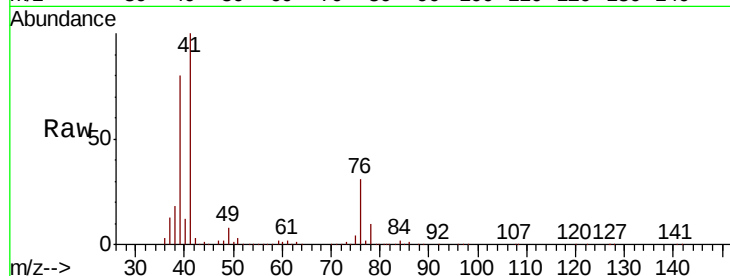
41 100

76 30.4 24.9 37.3

39 79.3 63.7 95.5

Manual Integrations
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#22

trans-1,2-Dichloroethene

Concen: 11.376 ppbv

RT: 4.87 min Scan# 647

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

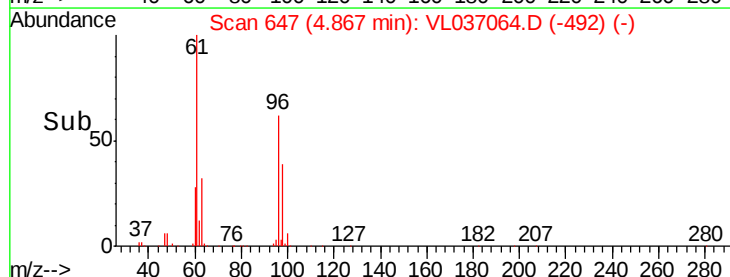
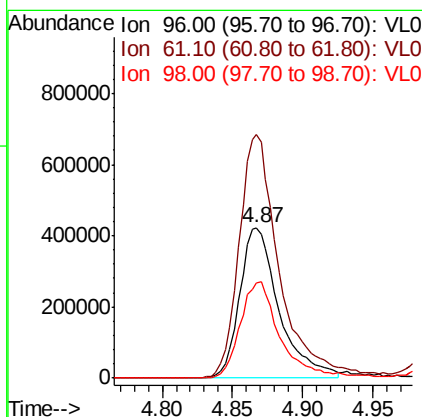
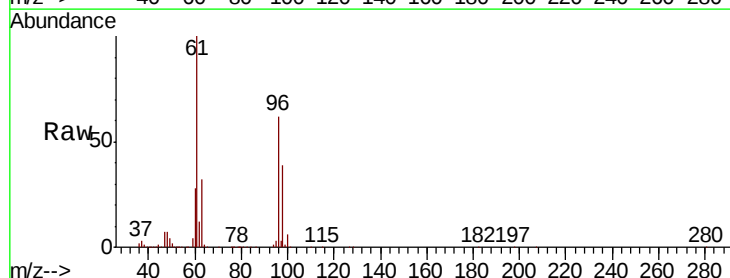
Tgt Ion: 96 Resp: 826704

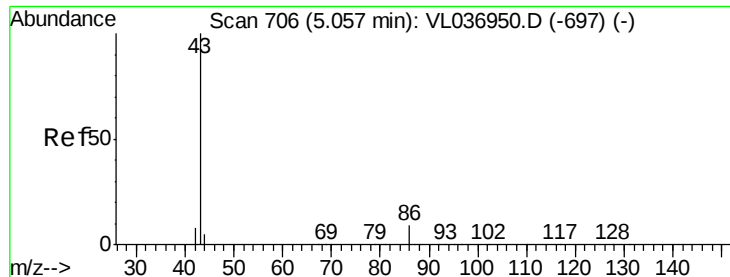
Ion Ratio Lower Upper

96 100

61 161.7 130.6 196.0

98 62.9 50.8 76.2





#23

Vinyl Acetate

Concen: 9.825 ppbv

RT: 5.06 min Scan# 706

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Tot Ion: 43 Resp: 2341698

Ion Ratio Lower Upper

43 100

86 7.5 5.8 8.8

42 10.7 7.4 11.2

44 4.5 3.3 4.9

Instrument :

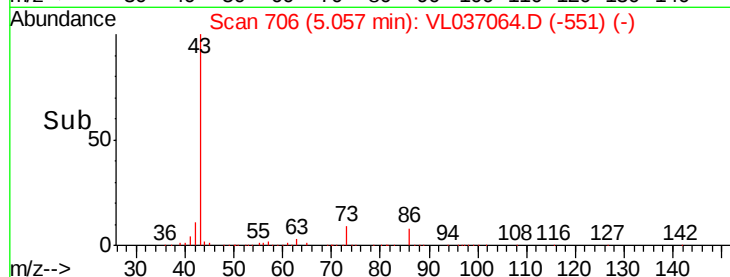
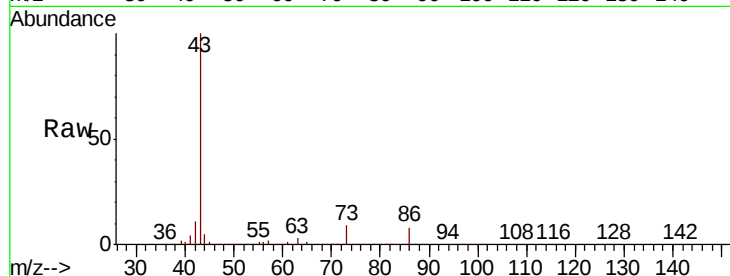
MSVOA_L

ClientSampleId :

VSTDCCC010

Manual Integrations
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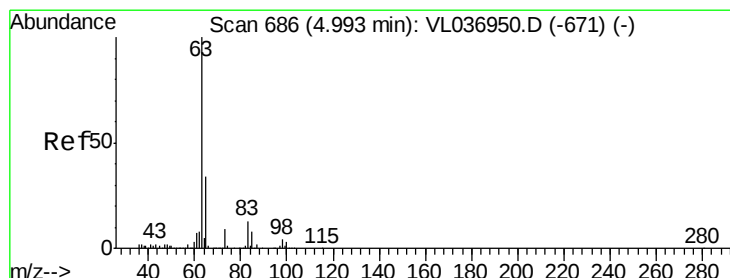
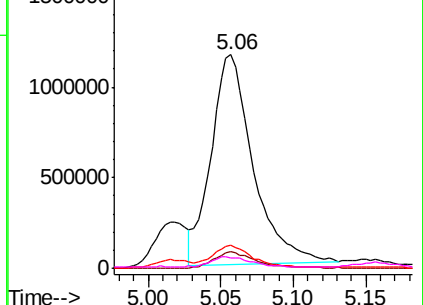


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 10.415 ppbv

RT: 4.99 min Scan# 686

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

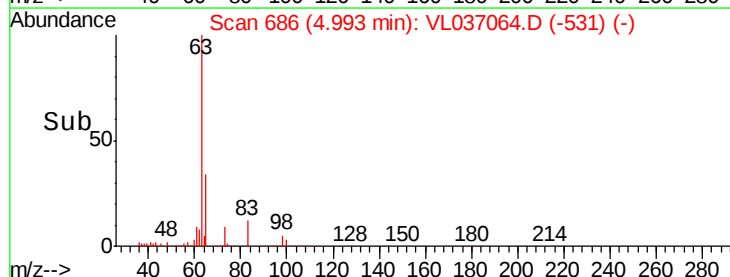
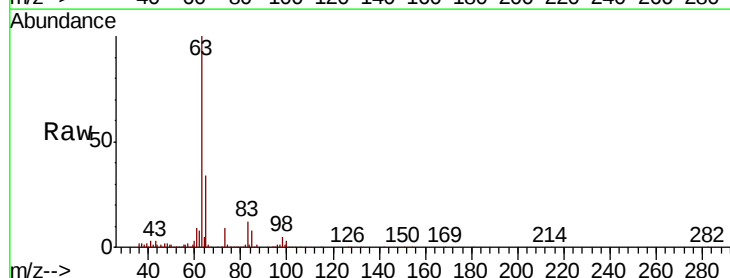
Tgt Ion: 63 Resp: 1786837

Ion Ratio Lower Upper

63 100

98 4.4 2.3 6.9

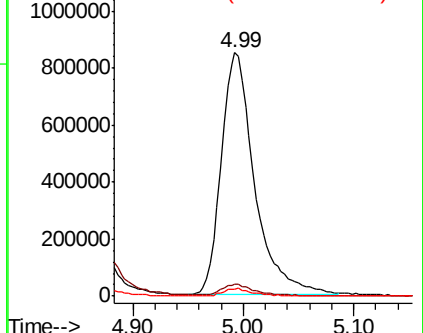
100 2.9 1.4 4.0

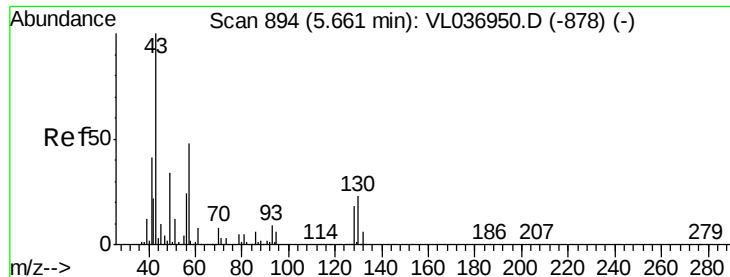


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





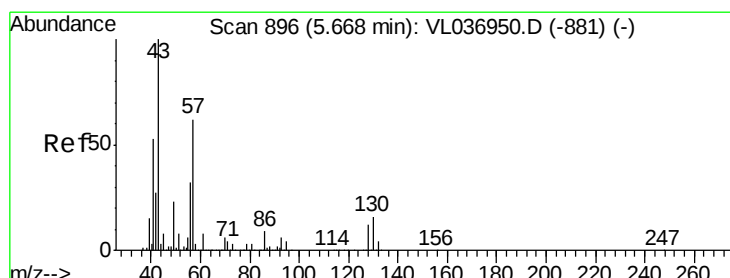
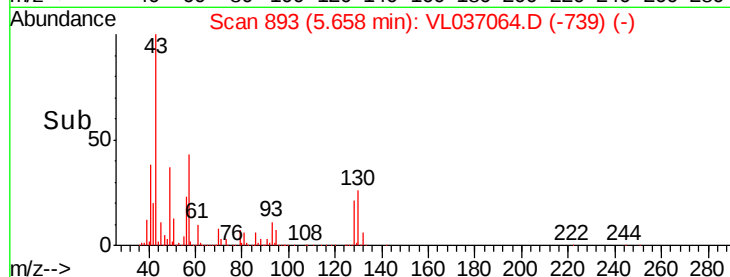
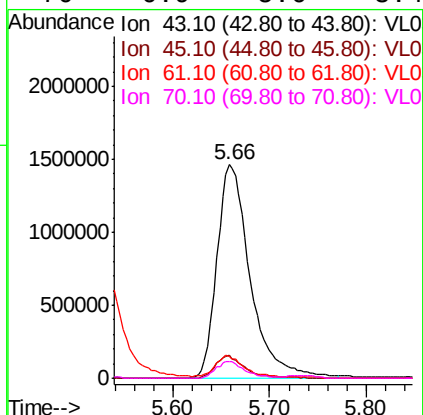
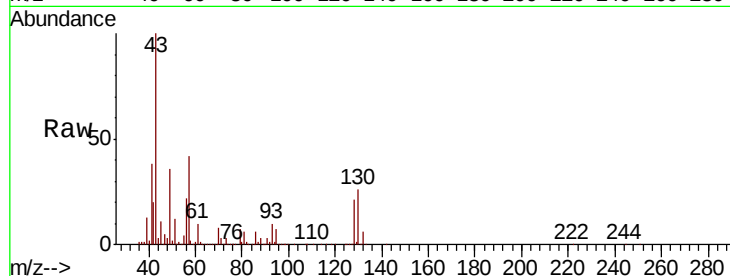
#25
Ethyl Acetate
Concen: 9.657 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	43	Resp	3484453
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.8
61	10.1	7.8	11.8
70	6.9	5.6	8.4

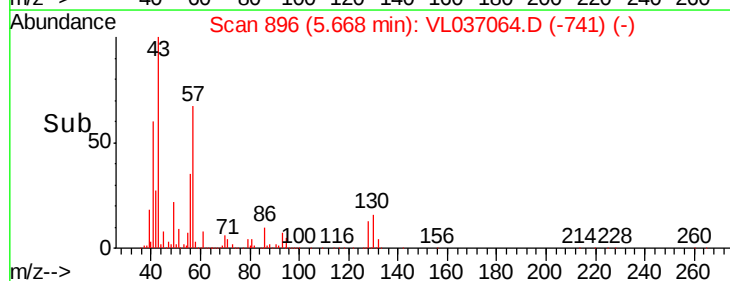
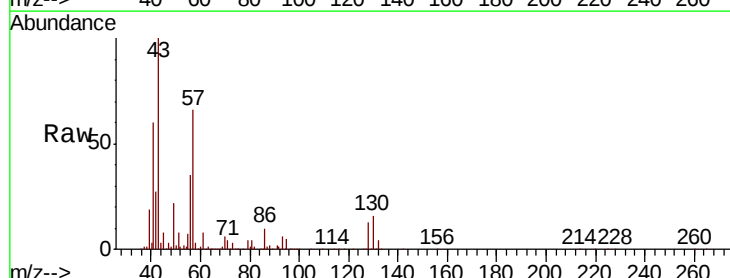
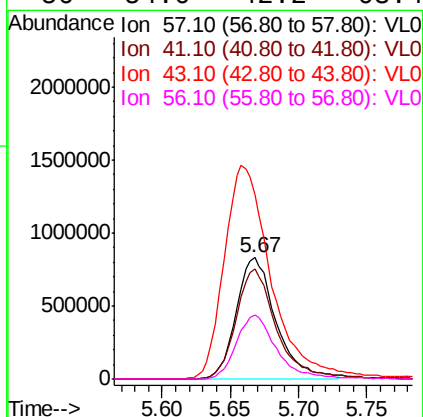
Manual Integrations
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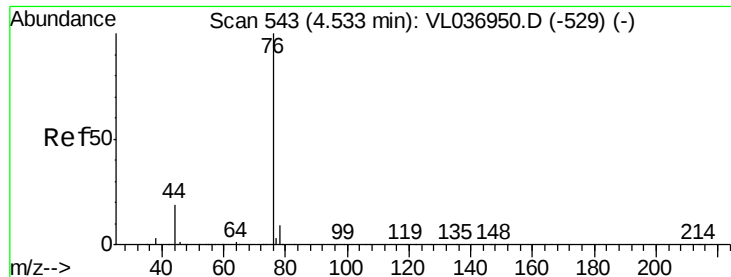
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#26
Hexane
Concen: 9.120 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion	57	Resp	1681197
Ion	Ratio	Lower	Upper
57	100		
41	93.3	70.5	105.7
43	209.7	165.8	248.8
56	54.0	42.2	63.4





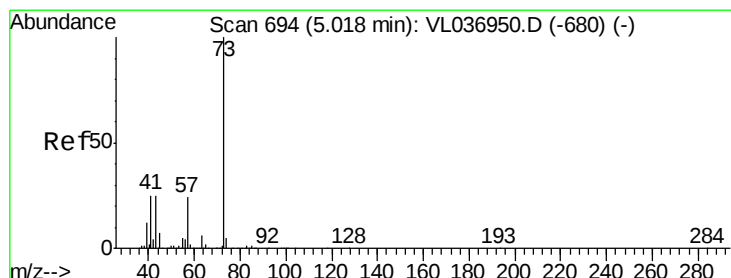
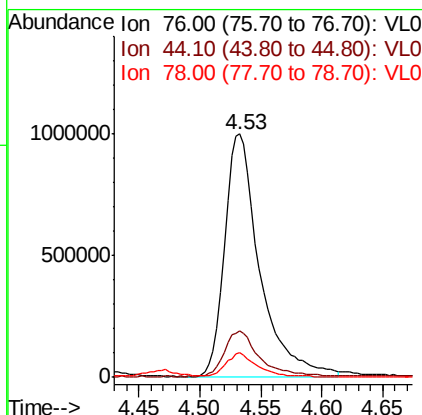
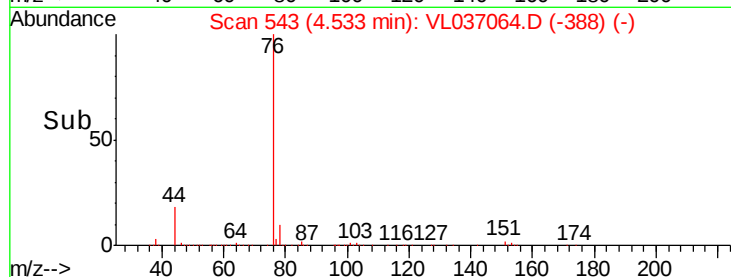
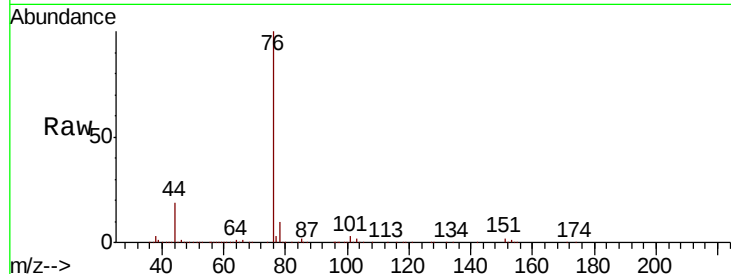
#27
Carbon Disulfide
Concen: 10.814 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
76	100		
44	18.8	15.5	23.3
78	9.5	7.8	11.6

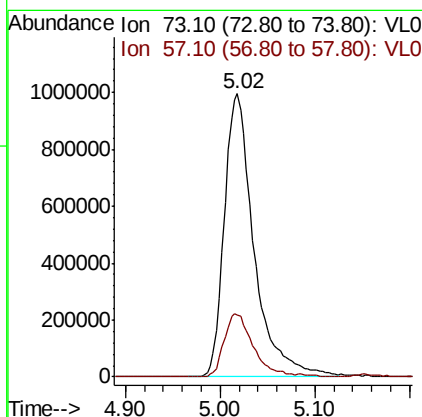
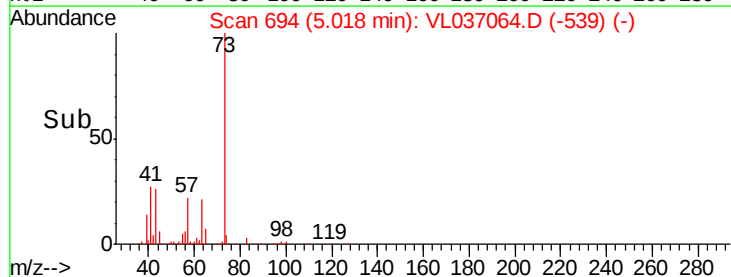
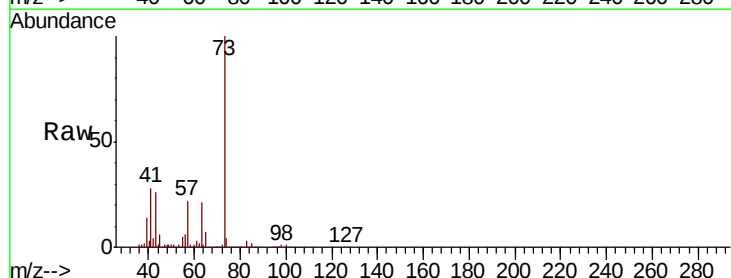
Manual Integrations
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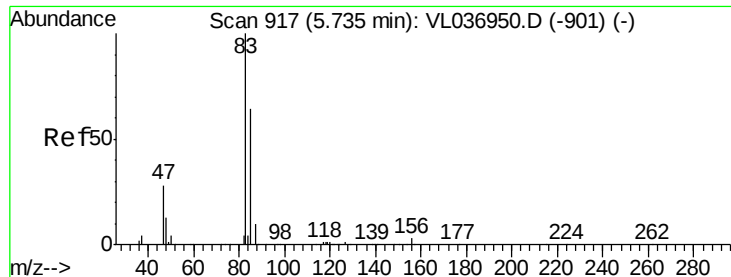
MMDadoda
6/7/2021 2:58:18 PM



#28
Methyl tert-Butyl Ether
Concen: 9.829 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.3	27.5





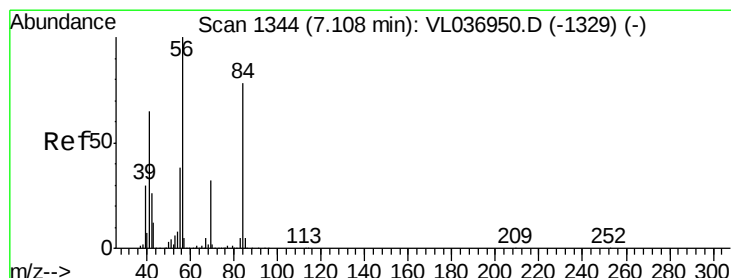
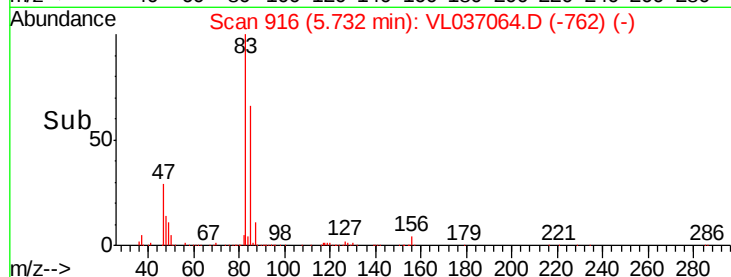
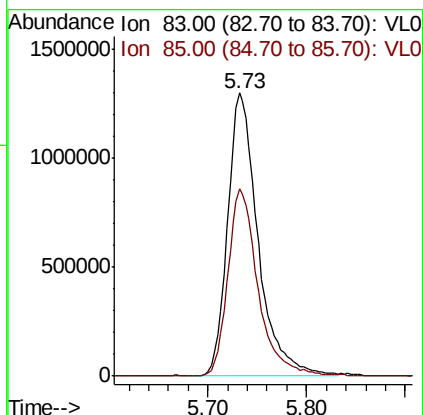
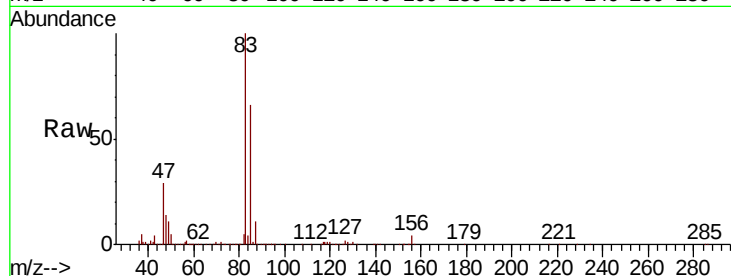
#29
Chloroform
Concen: 10.790 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 2809933
Ion Ratio Lower Upper
83 100
85 65.9 51.1 76.7

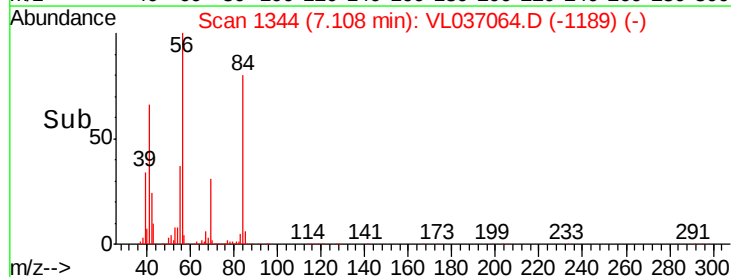
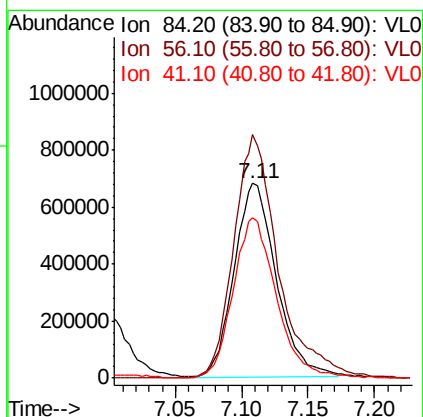
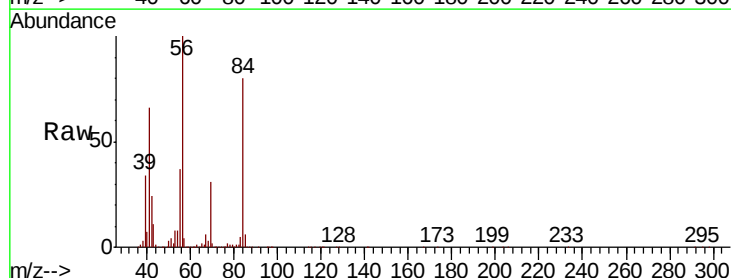
Manual Integrations
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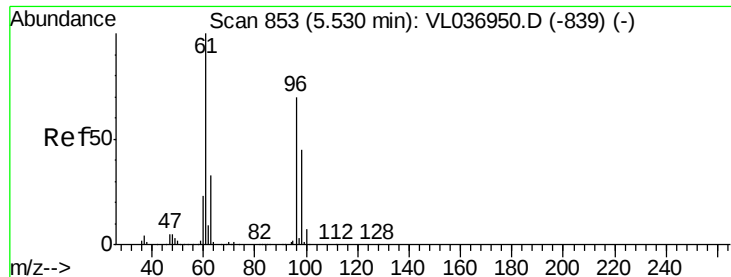
MMDadoda
6/7/2021 2:58:18 PM



#30
Cyclohexane
Concen: 9.666 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion: 84 Resp: 1514101
Ion Ratio Lower Upper
84 100
56 132.8 107.9 161.9
41 84.4 65.5 98.3





#31

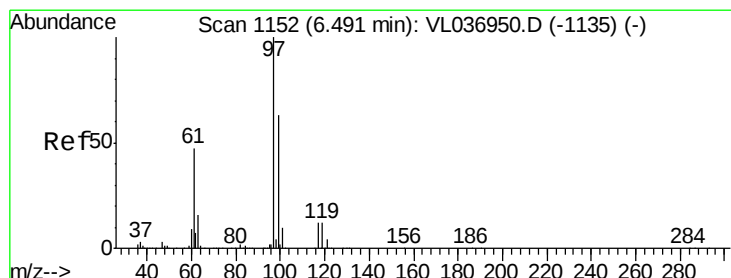
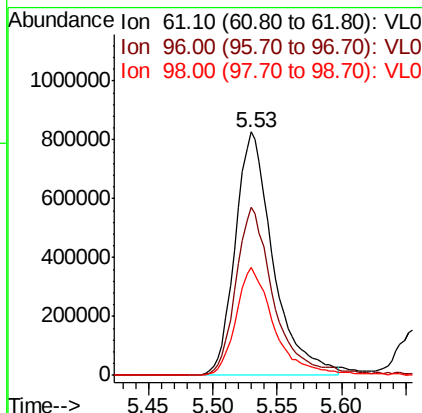
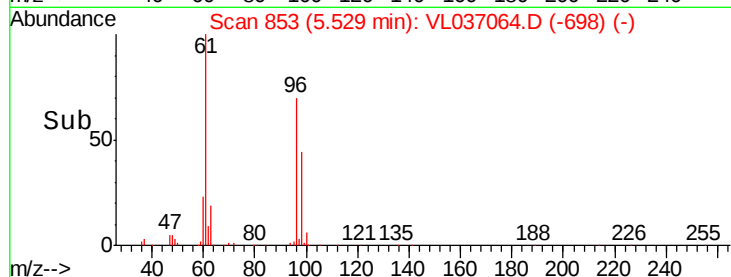
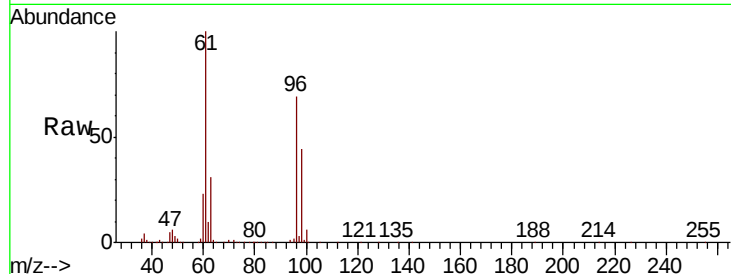
cis-1,2-Dichloroethene
Concen: 10.229 ppbv
RT: 5.53 min Scan# 853
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	69.0	55.9	83.9
98	44.2	35.6	53.4

Manual Integrations
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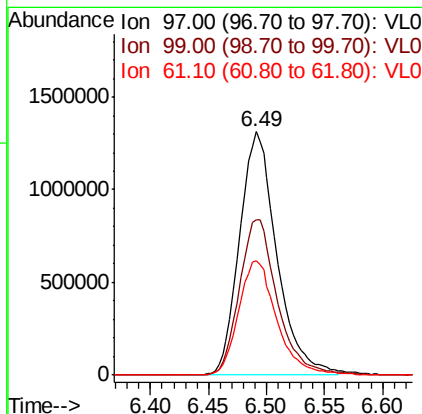
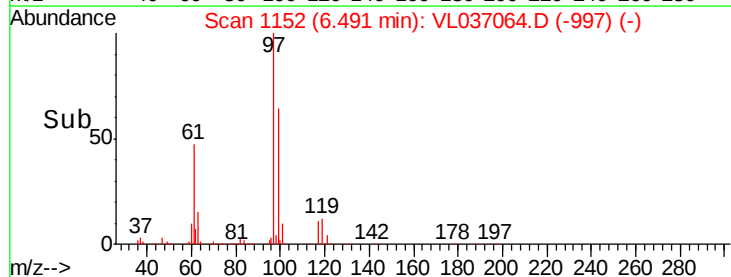
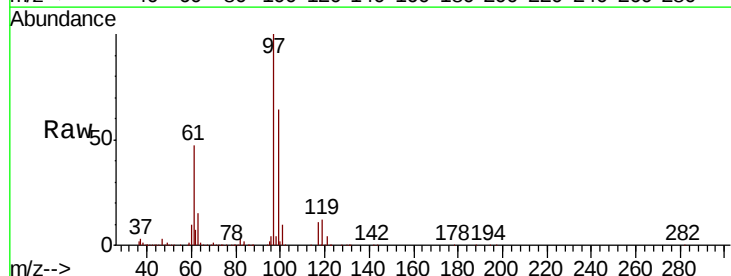
MMDadoda
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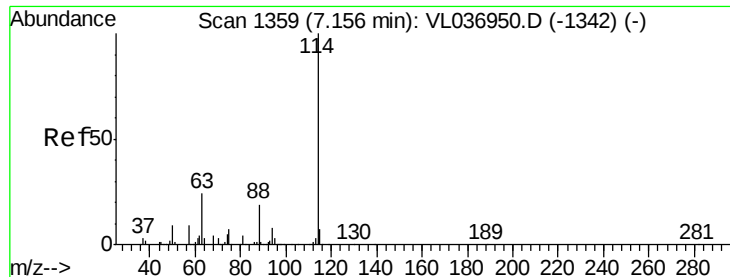


#32

1,1,1-Trichloroethane
Concen: 10.527 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.9	77.9
61	48.4	37.6	56.4





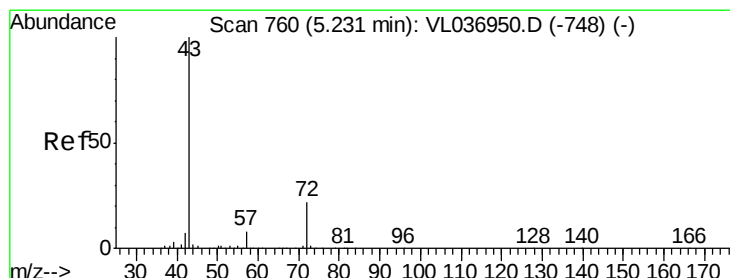
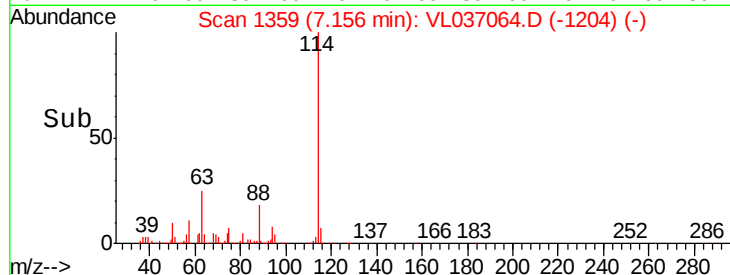
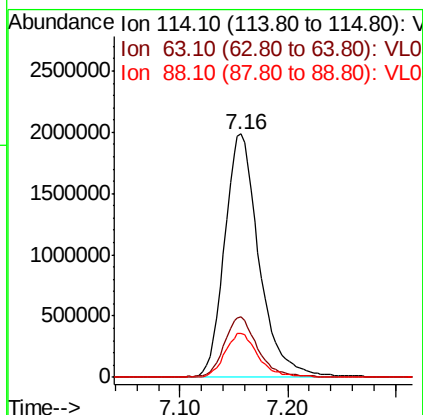
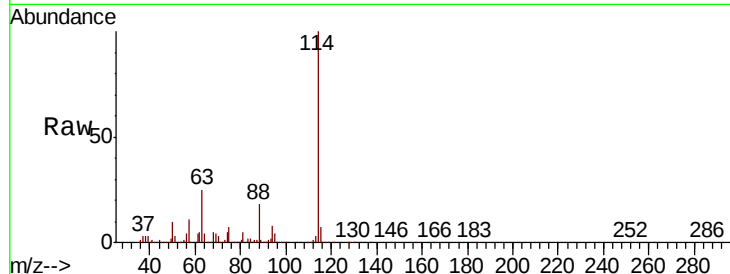
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:114 Resp: 4415669
 Ion Ratio Lower Upper
 114 100
 63 24.5 19.6 29.4
 88 17.8 14.6 21.8

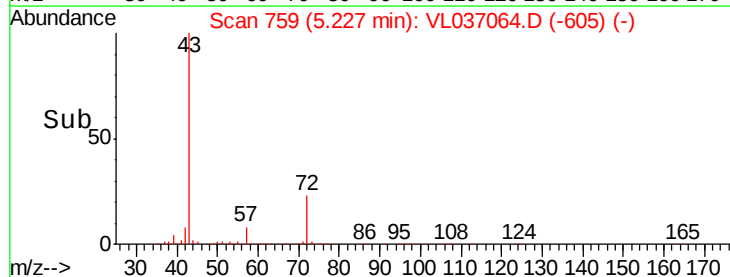
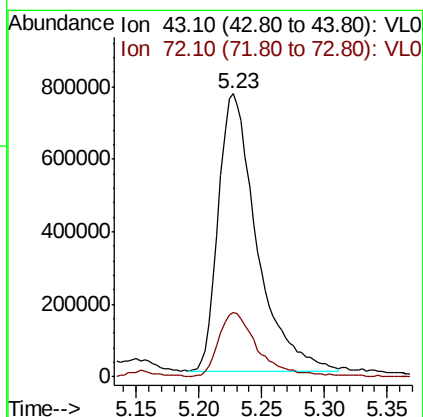
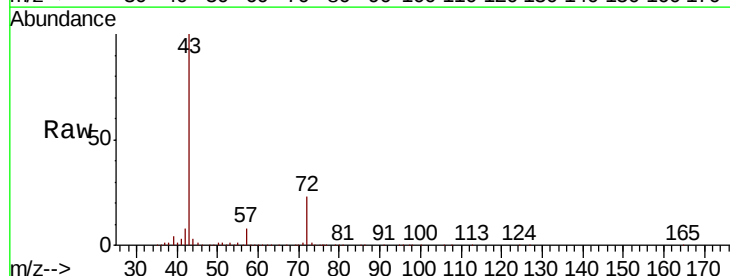
Manual Integrations
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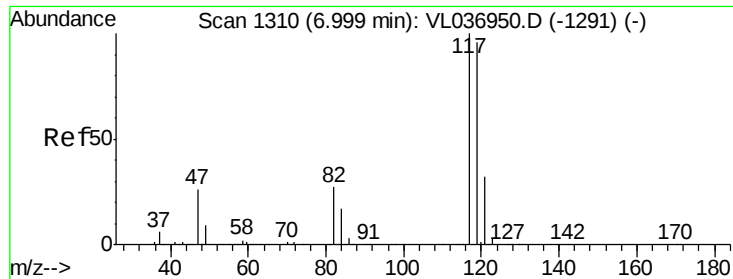
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#34
 2-Butanone
 Concen: 10.125 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Tgt Ion: 43 Resp: 1627987
 Ion Ratio Lower Upper
 43 100
 72 24.6 19.0 28.4





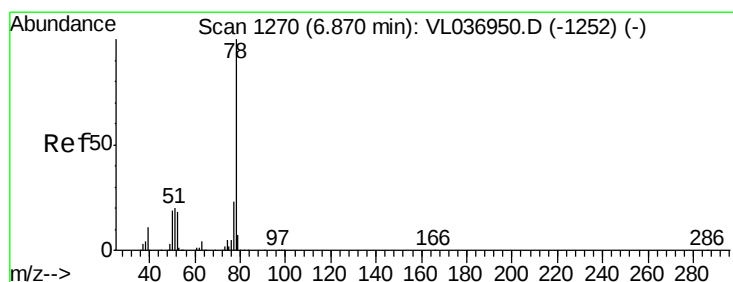
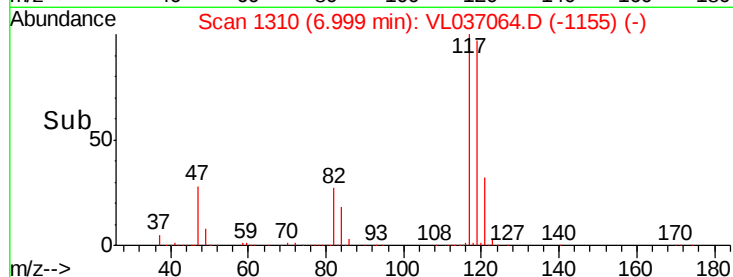
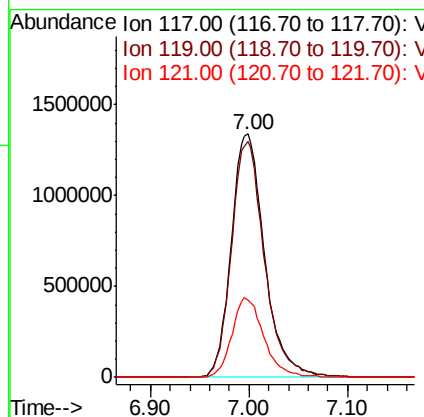
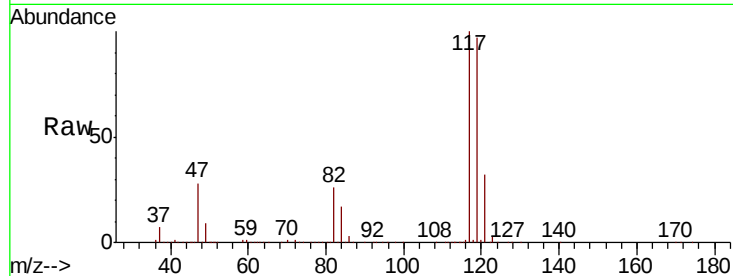
#35
Carbon Tetrachloride
Concen: 10.718 ppbv
RT: 7.00 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:117 Resp: 3144635
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8
121 31.8 25.8 38.6

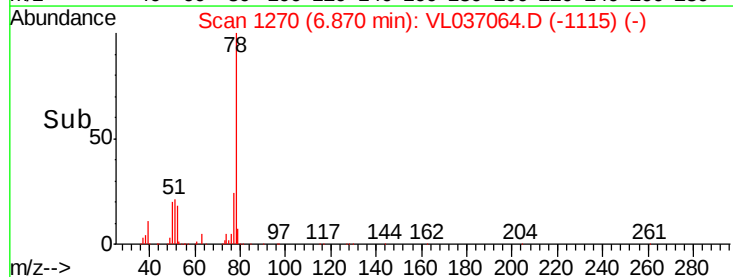
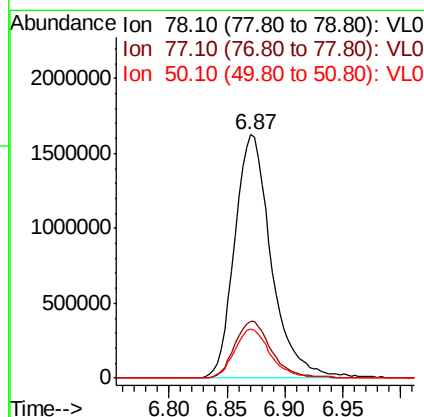
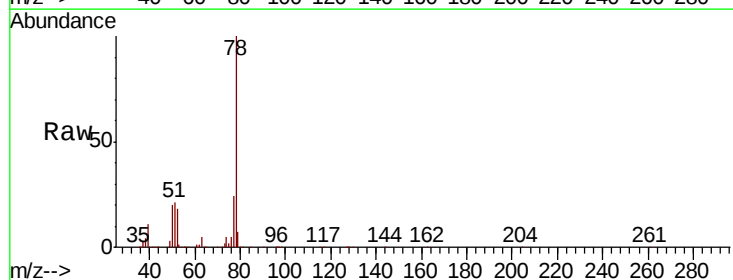
Manual Integrations
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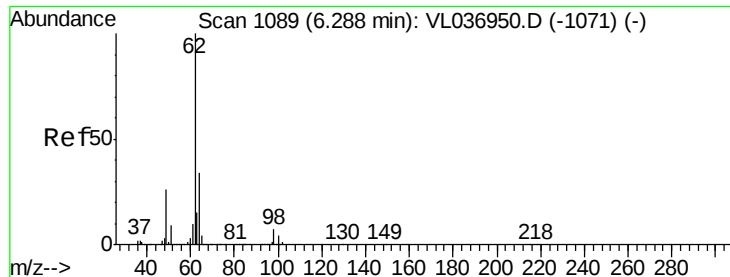
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#36
Benzene
Concen: 9.377 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion: 78 Resp: 3566689
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0
50 19.9 15.0 22.4





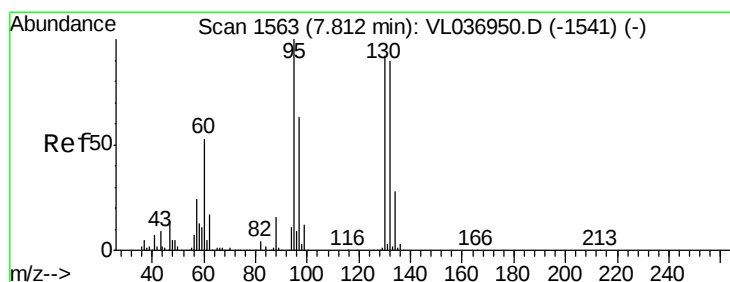
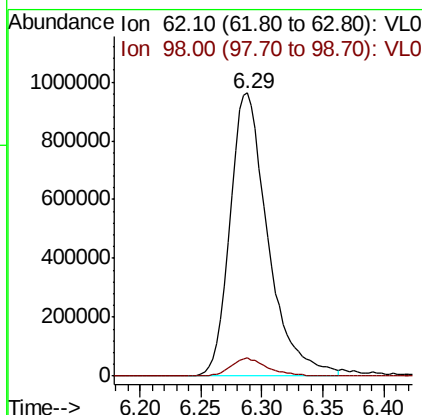
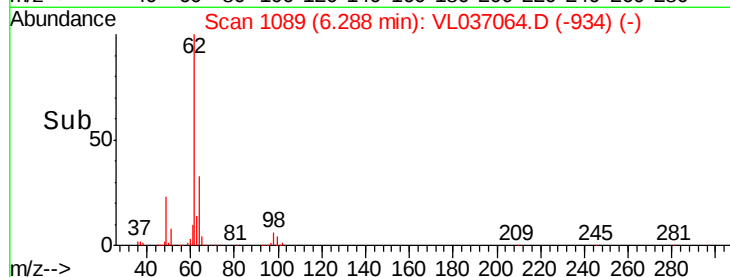
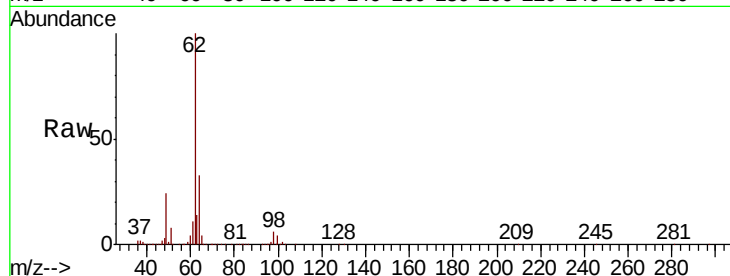
#37
 1,2-Dichloroethane
 Concen: 11.036 ppbv
 RT: 6.29 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 62 Resp: 2080966
 Ion Ratio Lower Upper
 62 100
 98 6.6 5.5 8.3

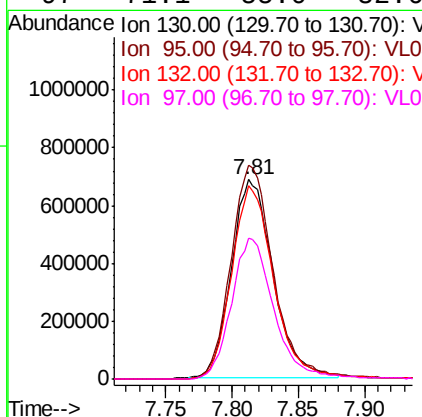
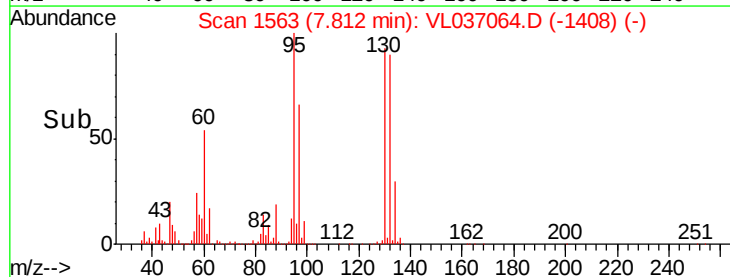
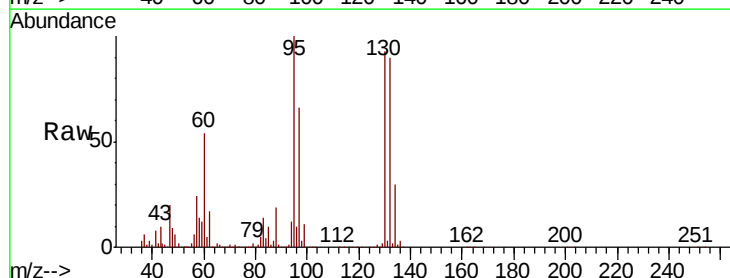
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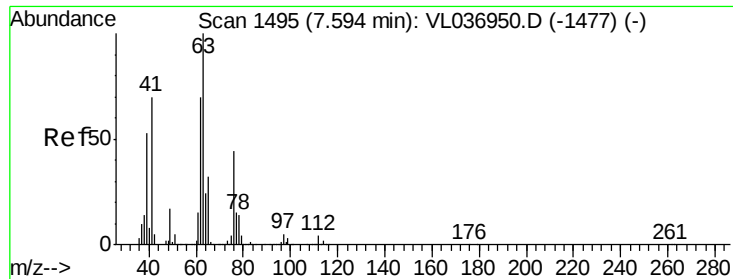
MMDadoda
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#38
 Trichloroethene
 Concen: 9.161 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Tgt Ion:130 Resp: 1490590
 Ion Ratio Lower Upper
 130 100
 95 108.0 86.9 130.3
 132 97.6 78.4 117.6
 97 71.1 55.0 82.6





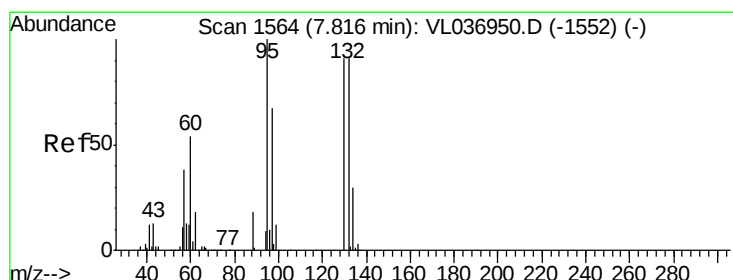
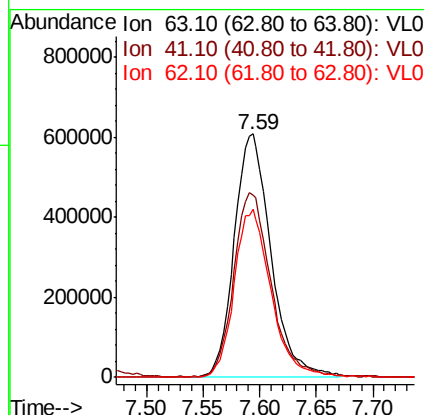
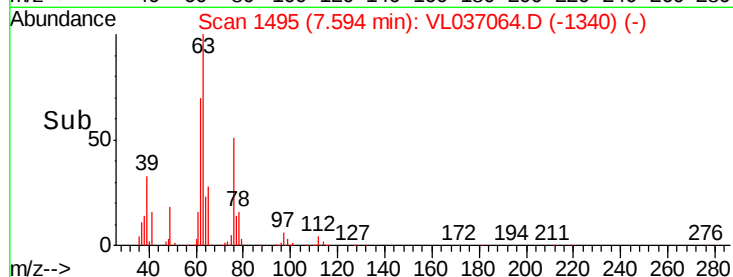
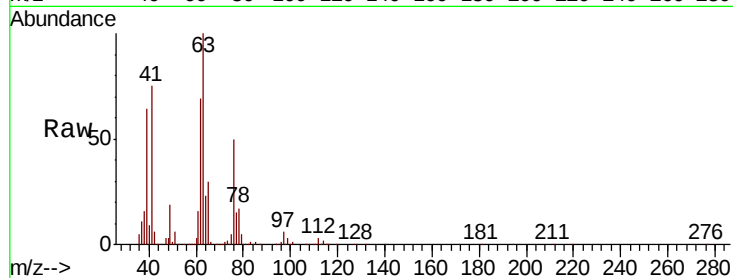
#39
 1,2-Dichloropropane
 Concen: 9.376 ppbv
 RT: 7.59 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampled :
 VSTDCCC010

Tot Ion: 63 Resp: 1373809
 Ion Ratio Lower Upper
 63 100
 41 74.6 55.7 83.5
 62 69.2 56.2 84.4

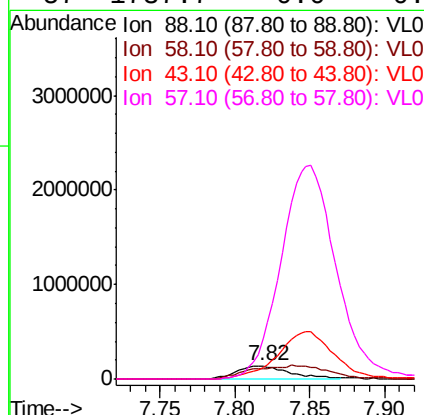
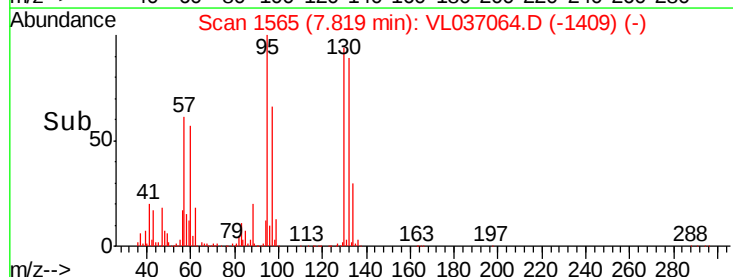
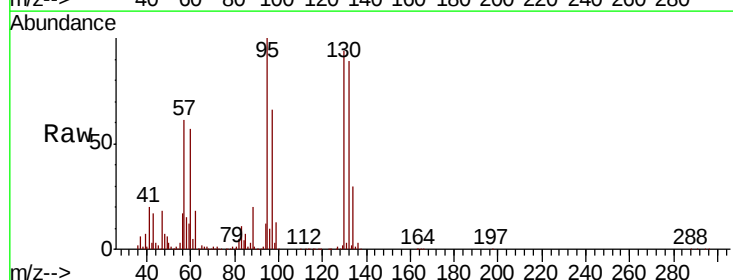
Manual Integrations
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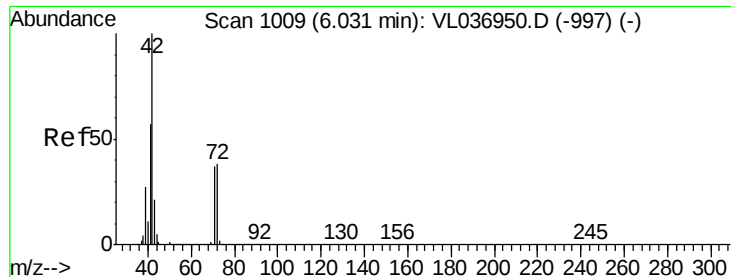
MMDadoda
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#40
 1,4-Dioxane
 Concen: 9.787 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Tgt Ion: 88 Resp: 338593
 Ion Ratio Lower Upper
 88 100
 58 156.5 0.0 0.0#
 43 392.9 0.0 0.0#
 57 1737.7 0.0 0.0#





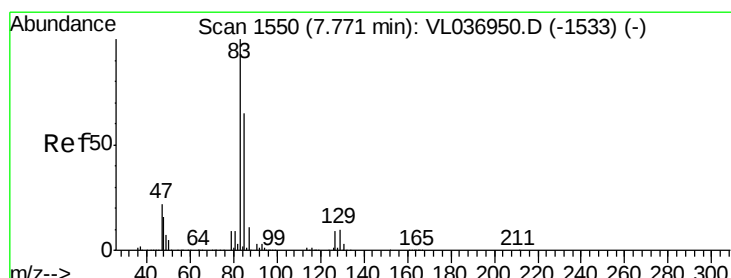
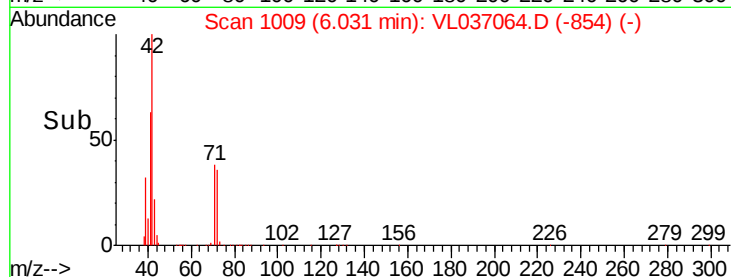
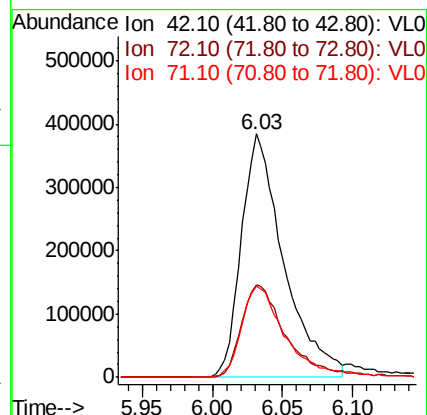
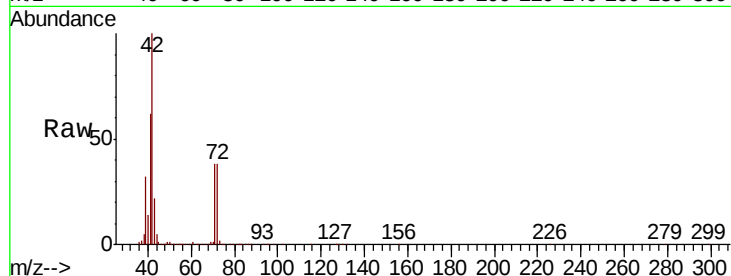
#41
Tetrahydrofuran
Concen: 8.786 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	31.4	47.2
71	40.1	30.4	45.6

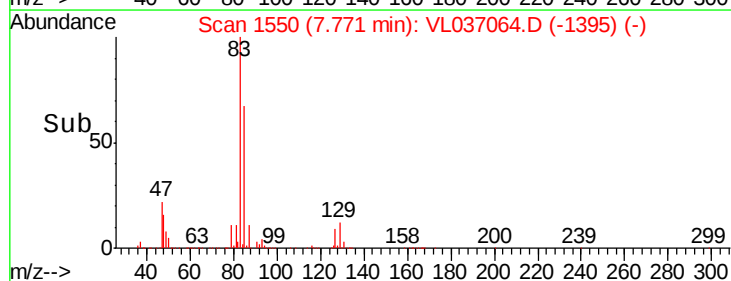
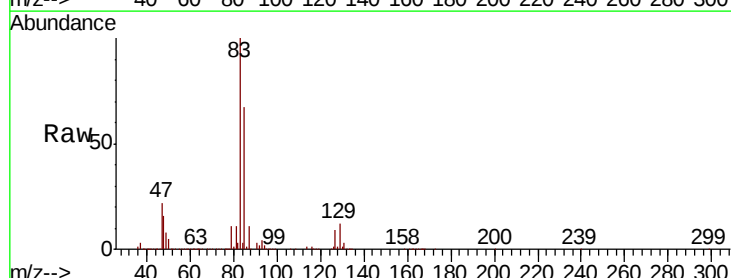
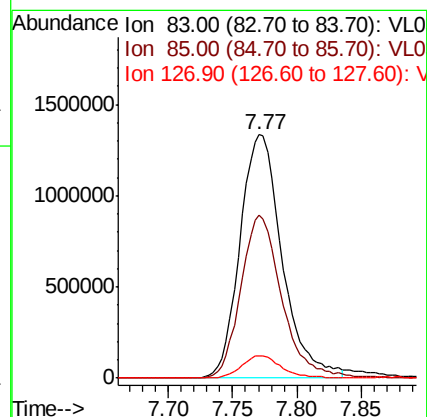
Manual Integrations
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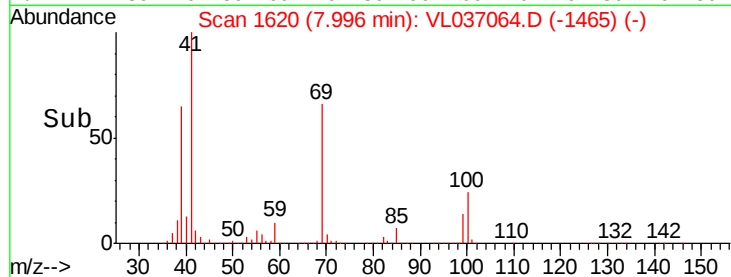
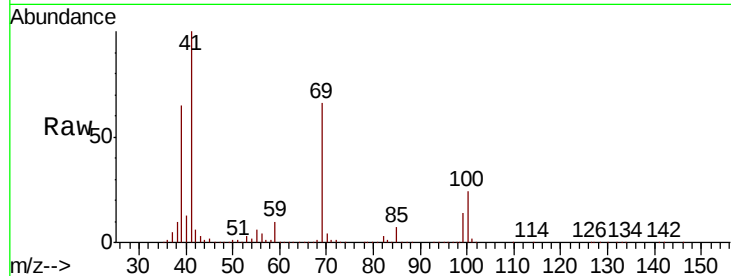
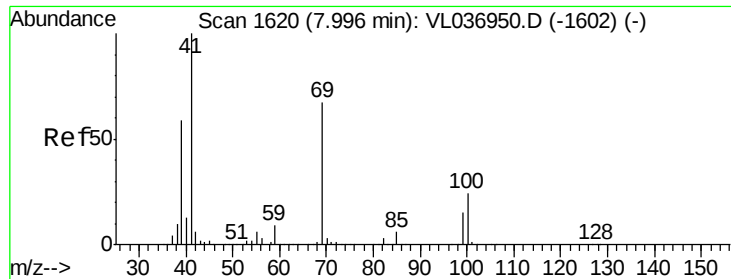
MMDadoda
6/7/2021 2:58:18 PM



#42
Bromodichloromethane
Concen: 10.647 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.7	77.5
127	9.1	6.9	10.3





#43

Methyl Methacrylate

Concen: 10.054 ppbv

RT: 8.00 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

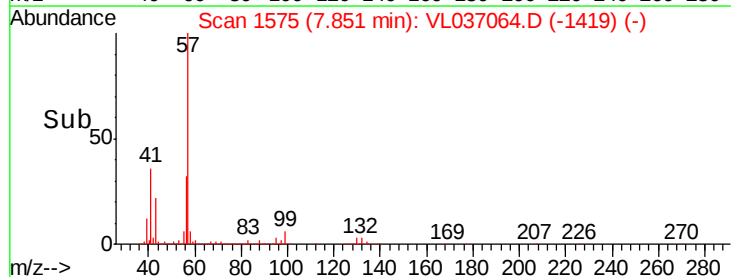
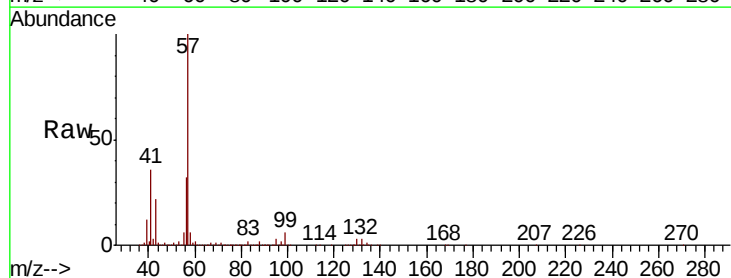
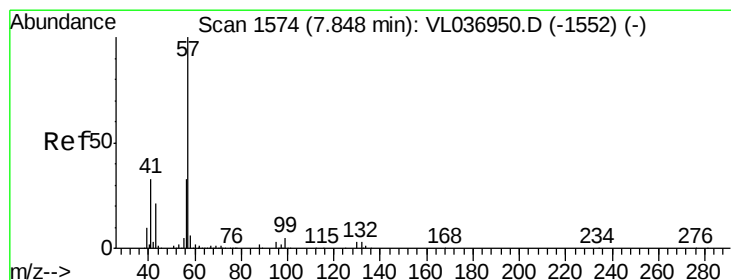
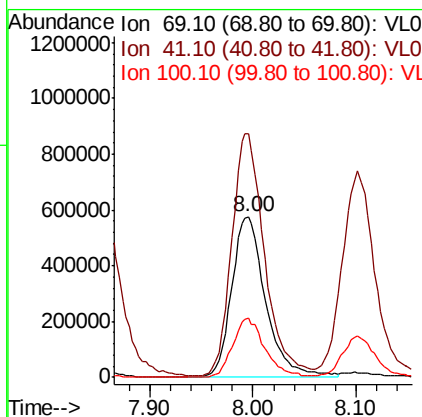
Tot Ion: 69 Resp: 1318019

Ion	Ratio	Lower	Upper
69	100		
41	146.5	118.6	178.0
100	35.0	28.2	42.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

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#44

2,2,4-Trimethylpentane

Concen: 9.003 ppbv

RT: 7.85 min Scan# 1575

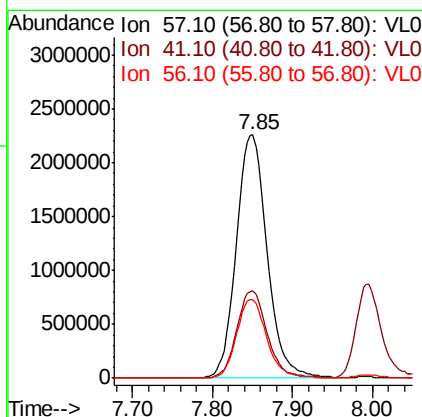
Delta R.T. 0.00 min

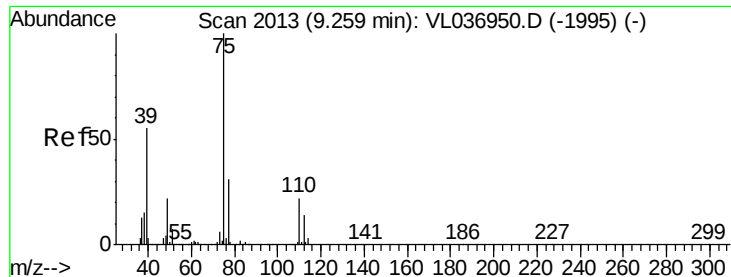
Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Tgt Ion: 57 Resp: 5874505

Ion	Ratio	Lower	Upper
57	100		
41	35.3	27.0	40.4
56	31.5	25.4	38.2





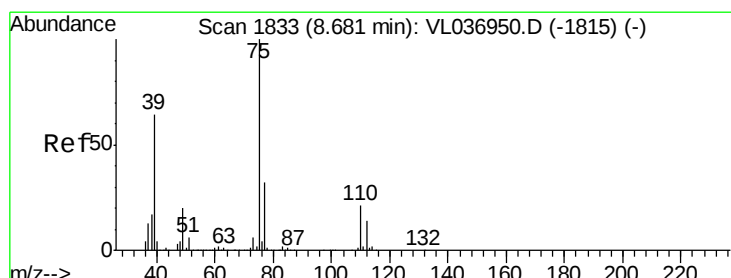
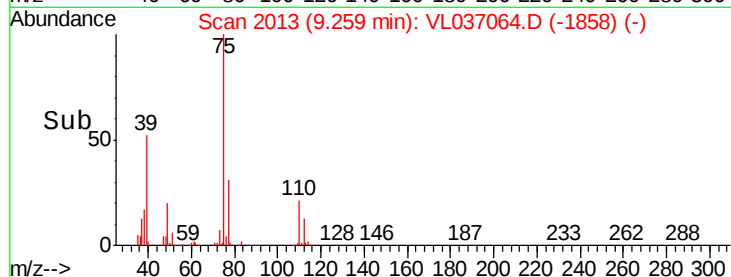
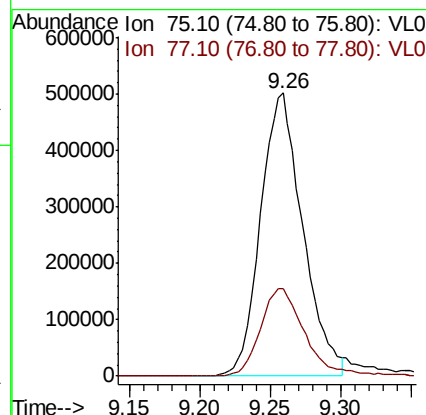
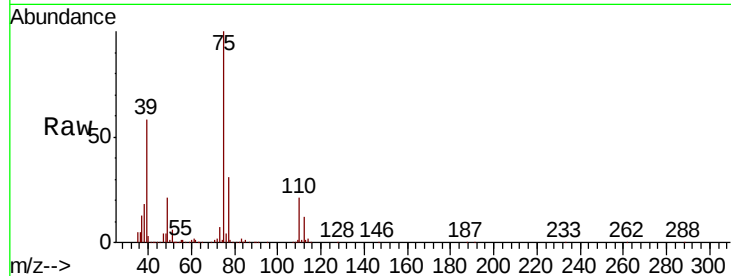
#45
t-1,3-Dichloropropene
Concen: 10.443 ppbv
RT: 9.26 min Scan# 2013
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 1045903
Ion Ratio Lower Upper
75 100
77 30.7 24.4 36.6

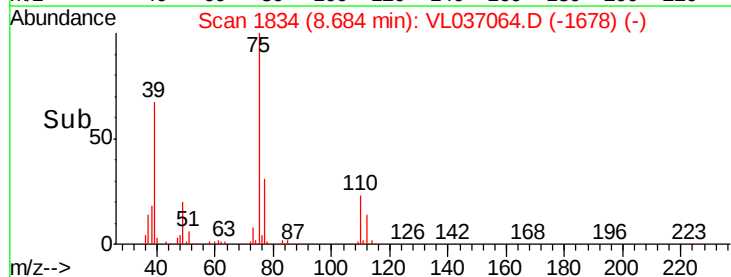
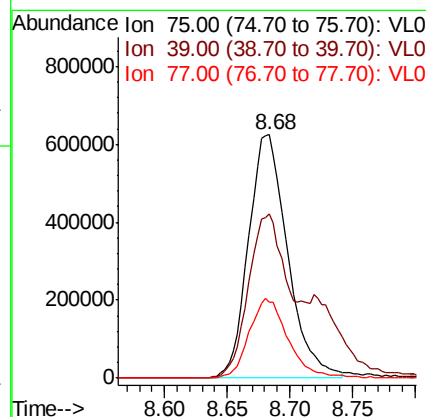
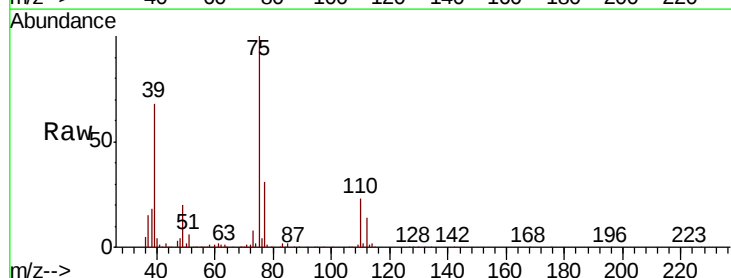
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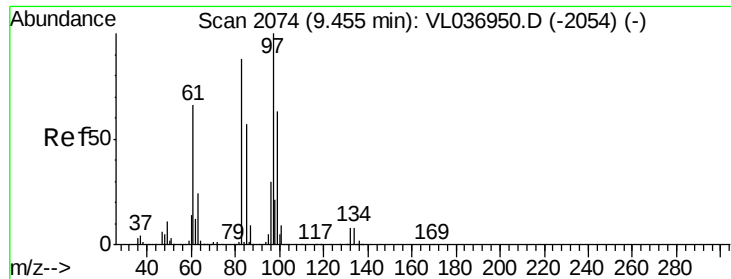
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#46
cis-1,3-Dichloropropene
Concen: 10.091 ppbv
RT: 8.68 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion: 75 Resp: 1359413
Ion Ratio Lower Upper
75 100
39 67.5 51.5 77.3
77 31.3 25.9 38.9





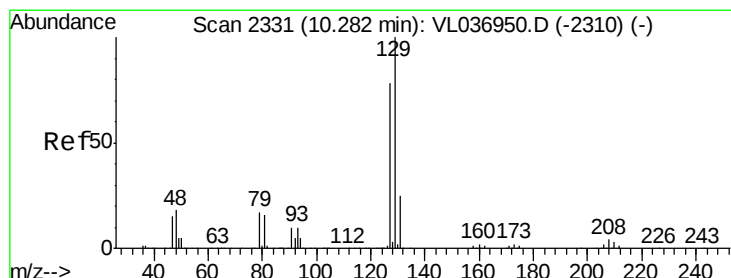
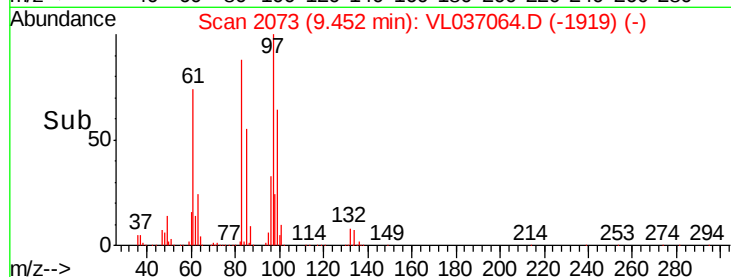
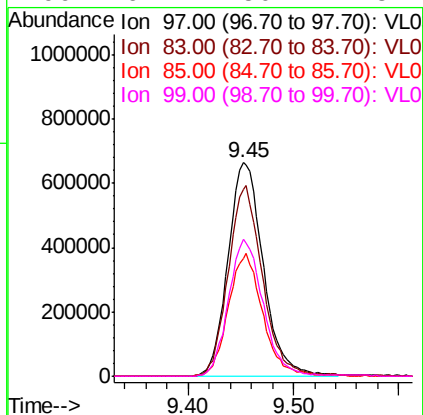
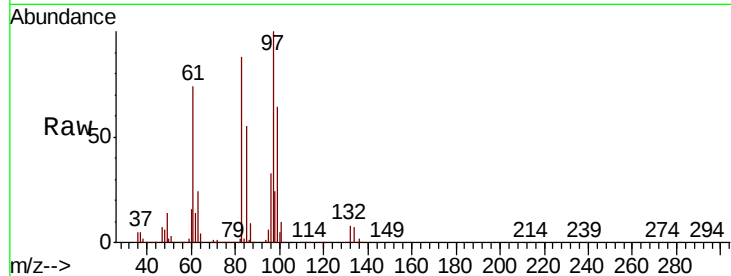
#47
1,1,2-Trichloroethane
Concen: 10.000 ppbv
RT: 9.45 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.4	105.6
85	55.2	45.5	68.3
99	64.2	50.2	75.2

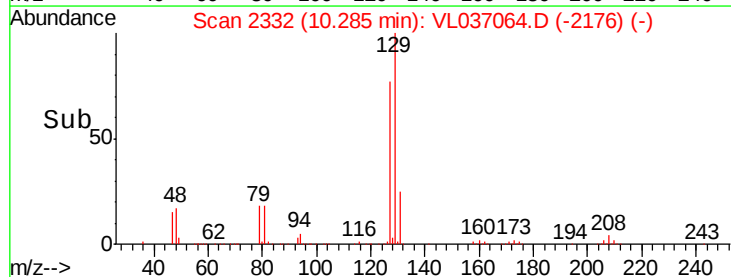
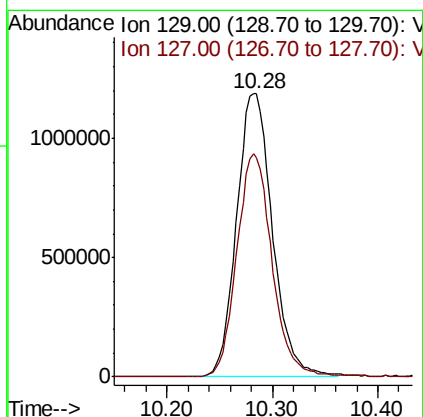
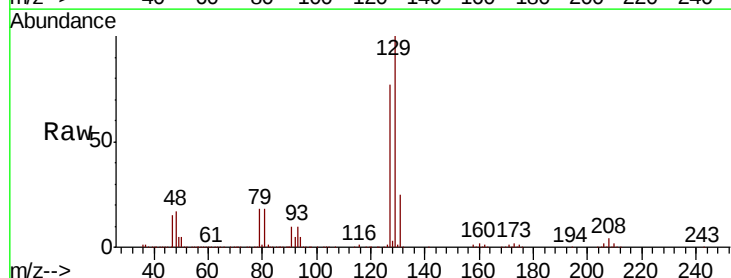
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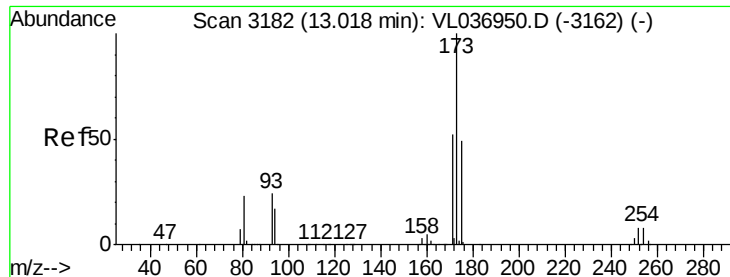
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#48
Dibromochloromethane
Concen: 11.286 ppbv
RT: 10.28 min Scan# 2332
Delta R.T. 0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.3	117.8





#49

Bromoform

Concen: 11.423 ppbv

RT: 13.02 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:173 Resp: 2342395

Ion Ratio Lower Upper

173 100

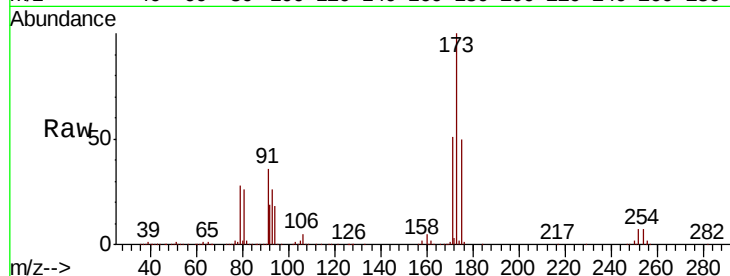
175 50.1 40.4 60.6

171 53.0 42.6 64.0

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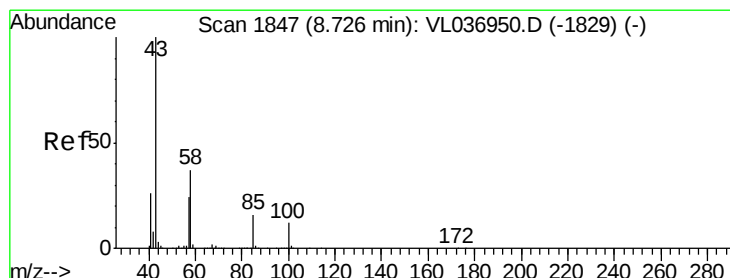
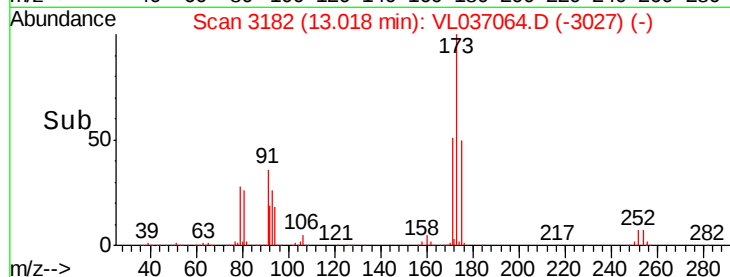
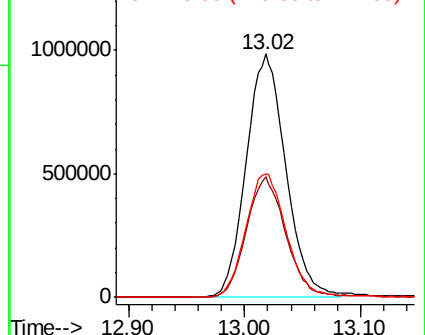
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.582 ppbv

RT: 8.72 min Scan# 1846

Delta R.T. -0.00 min

Lab File: VL037064.D

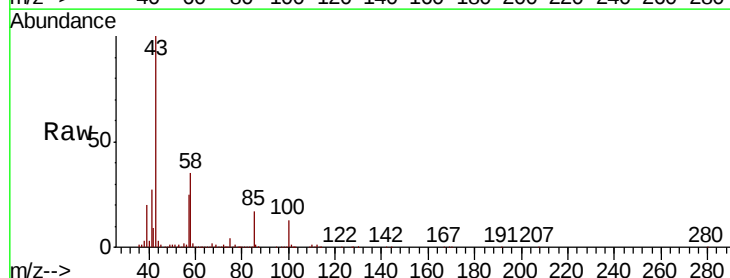
Acq: 1 Jun 2021 9:40

Tgt Ion: 43 Resp: 2542238

Ion Ratio Lower Upper

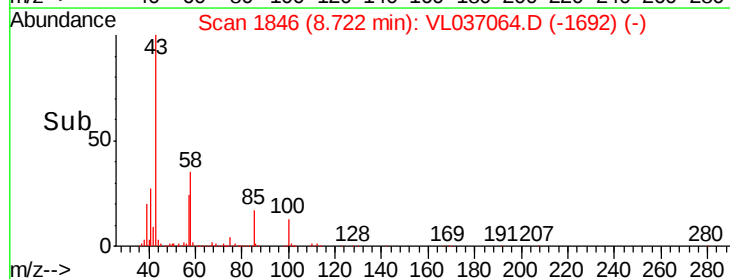
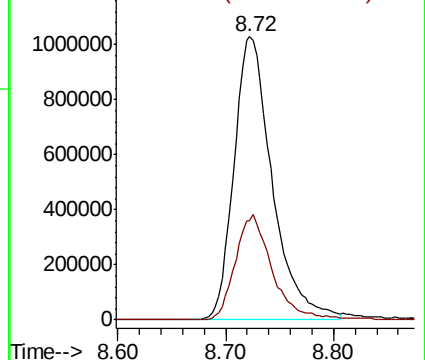
43 100

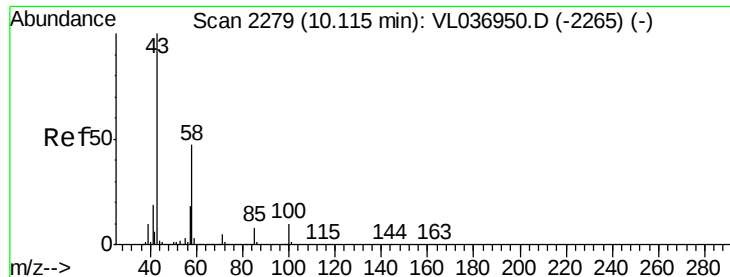
58 36.4 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





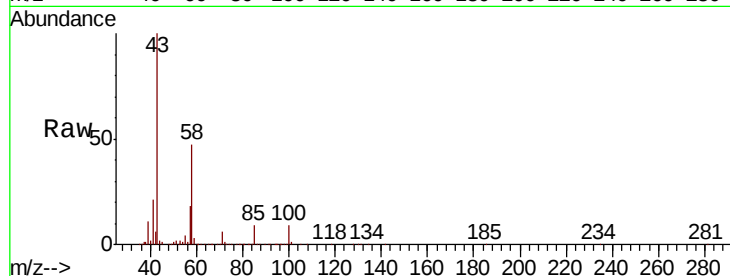
#51
2-Hexanone
Concen: 9.724 ppbv
RT: 10.12 min Scan# 2280
Delta R.T. 0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

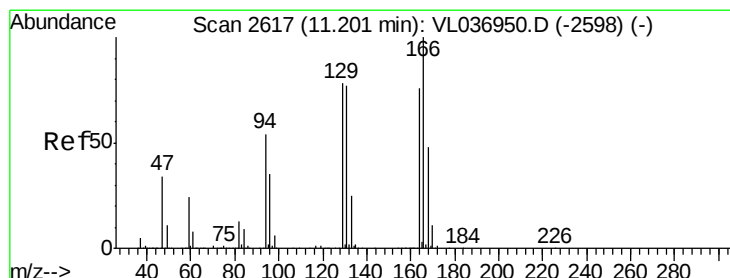
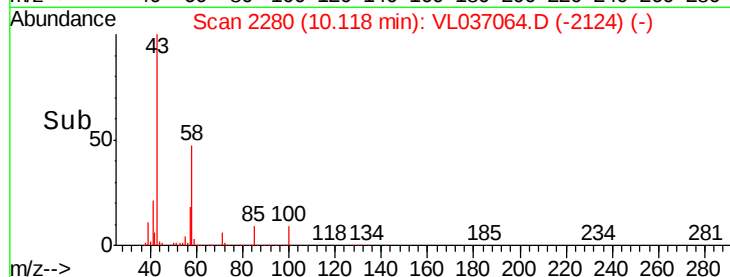
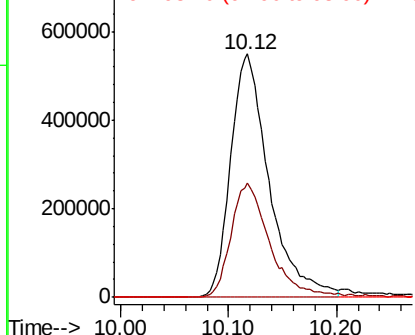
Tot Ion: 43 Resp: 1363855
Ion Ratio Lower Upper
43 100
58 48.4 41.1 61.7
98 0.2 0.1 0.1#

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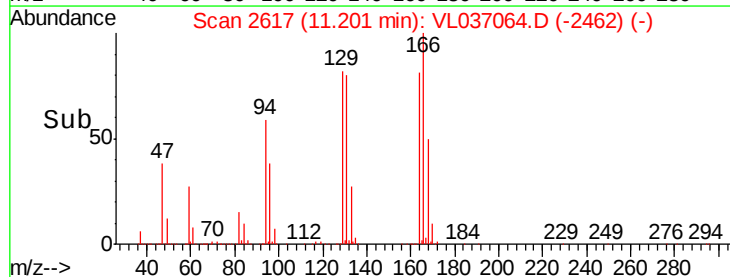
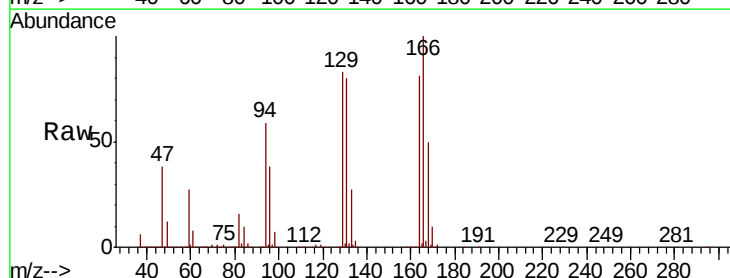
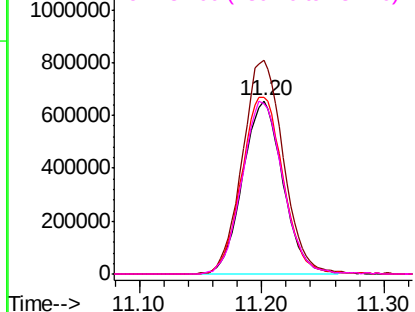
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

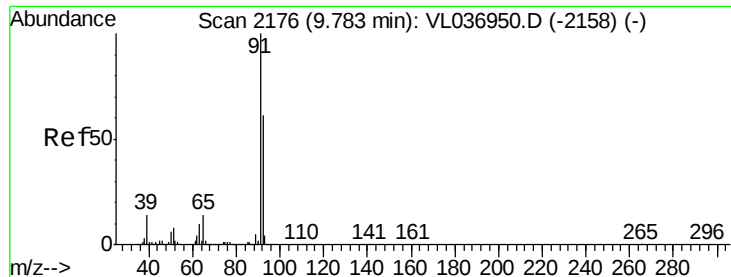


#52
Tetrachloroethene
Concen: 9.779 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion: 164 Resp: 1479086
Ion Ratio Lower Upper
164 100
166 123.4 105.5 158.3
129 101.8 81.8 122.8
131 98.5 81.2 121.8

Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 9.514 ppbv

RT: 9.78 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 4305492

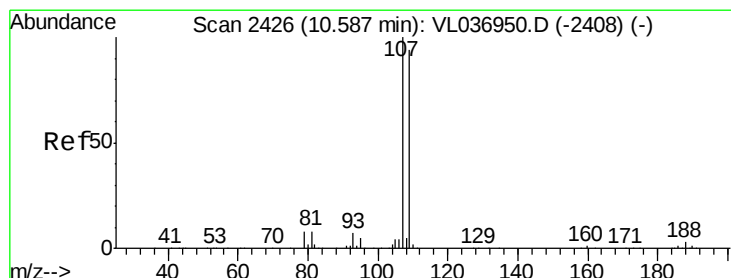
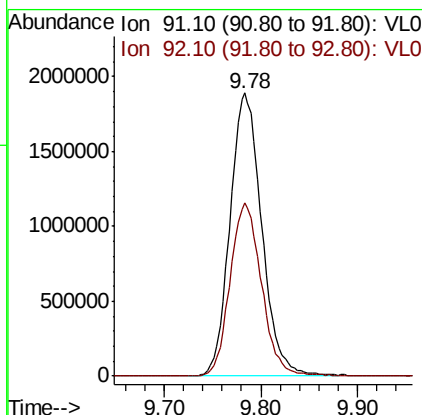
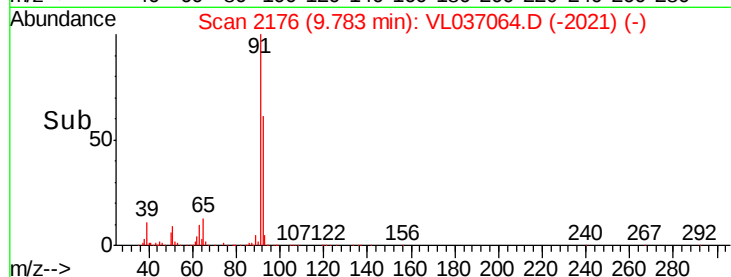
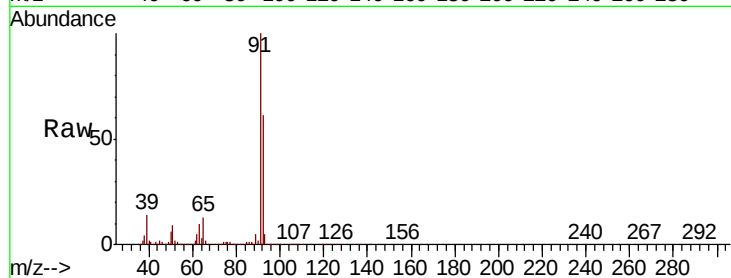
Ion Ratio Lower Upper

91 100

92 61.1 49.5 74.3

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#54

1,2-Dibromoethane

Concen: 10.538 ppbv

RT: 10.59 min Scan# 2426

Delta R.T. -0.00 min

Lab File: VL037064.D

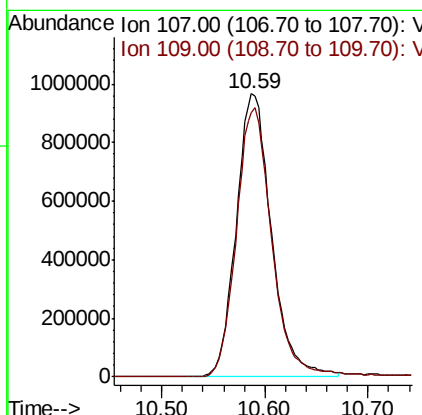
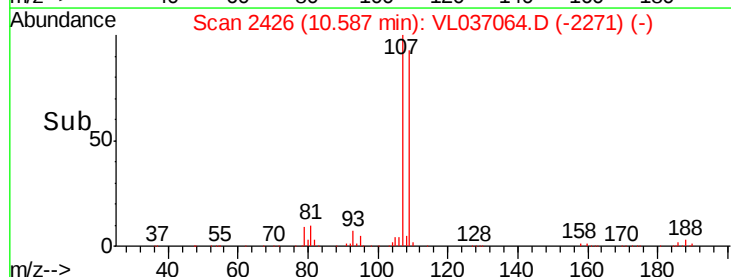
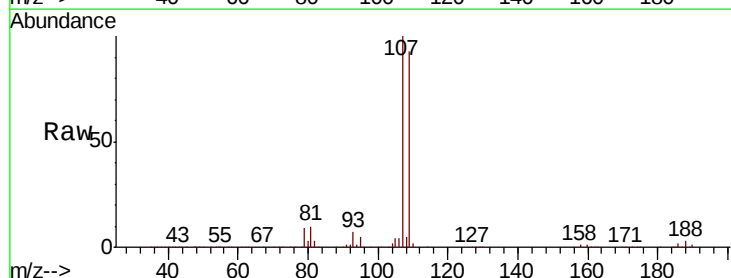
Acq: 1 Jun 2021 9:40

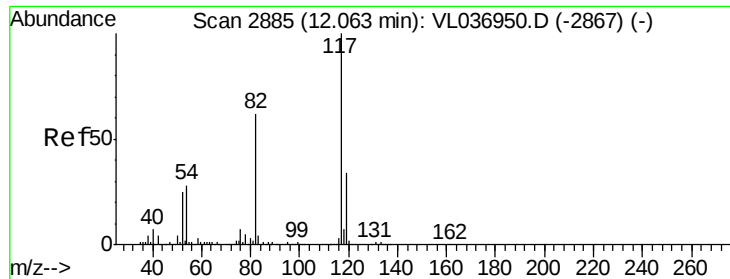
Tgt Ion: 107 Resp: 2297421

Ion Ratio Lower Upper

107 100

109 93.2 75.0 112.4





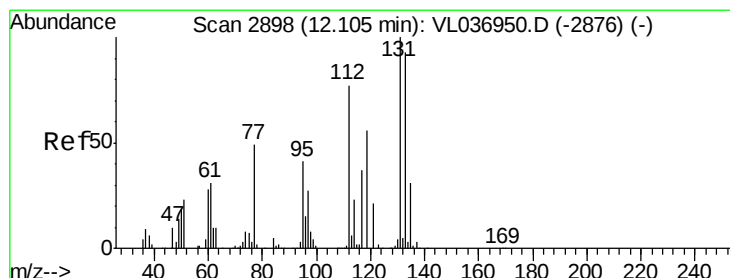
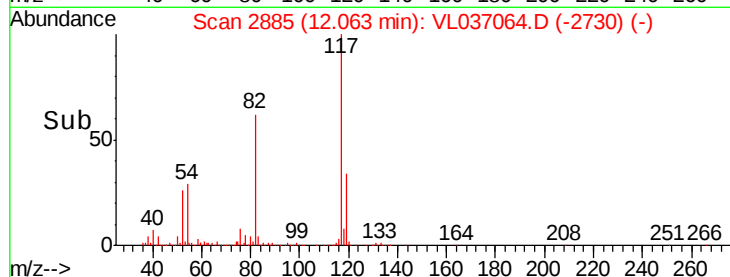
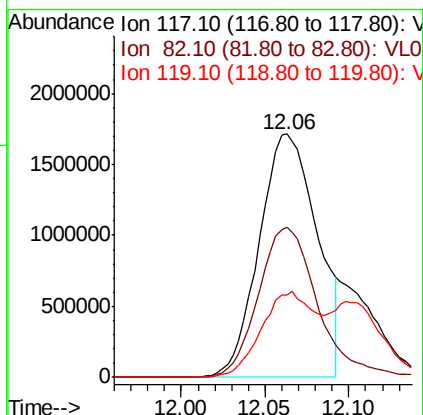
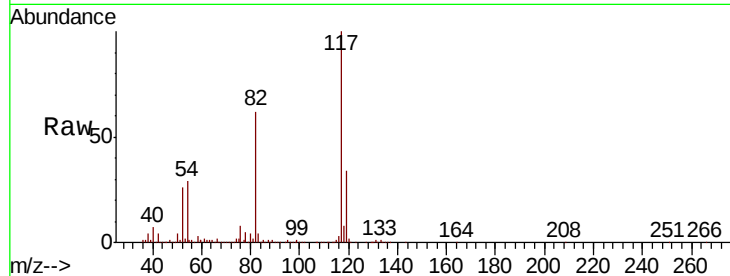
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06 min Scan# 2885
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:117 Resp: 4112955
Ion Ratio Lower Upper
117 100
82 63.9 52.6 79.0
119 31.5 46.6 70.0#

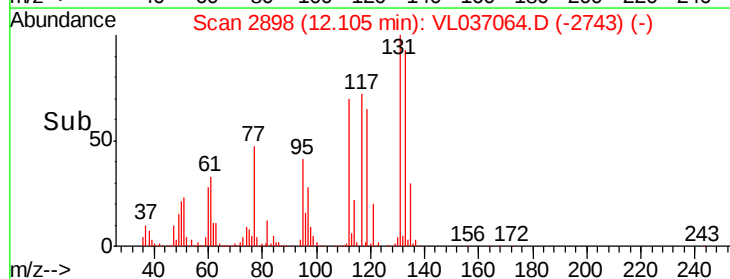
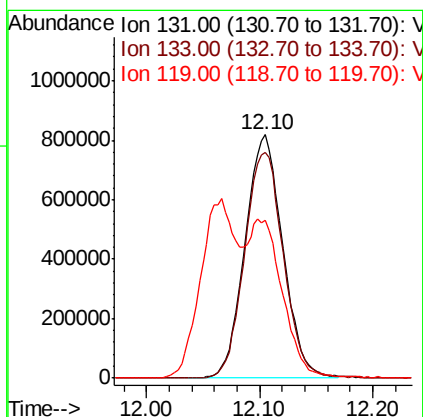
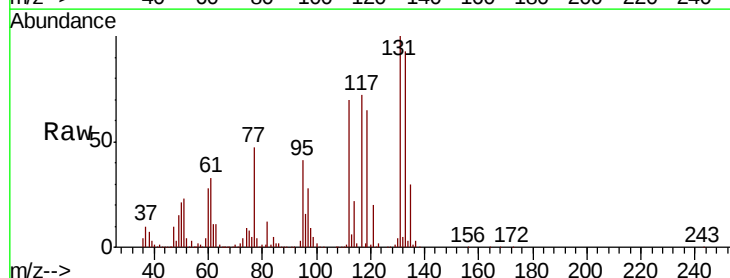
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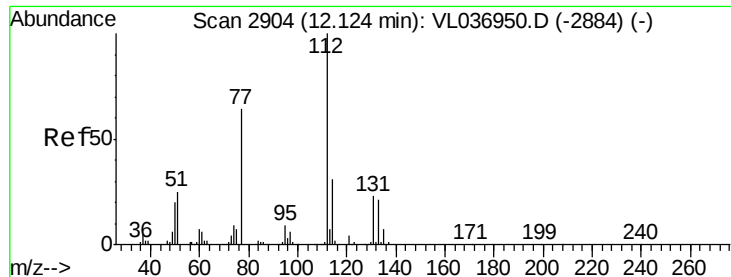
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#56
1,1,1,2-Tetrachloroethane
Concen: 10.939 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion:131 Resp: 1893140
Ion Ratio Lower Upper
131 100
133 96.4 76.9 115.3
119 59.2 120.2 180.4#





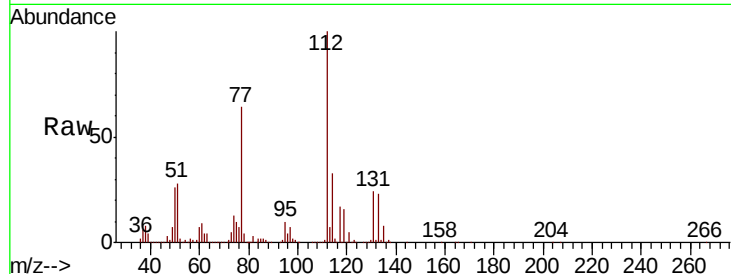
#57
Chlorobenzene
Concen: 10.237 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

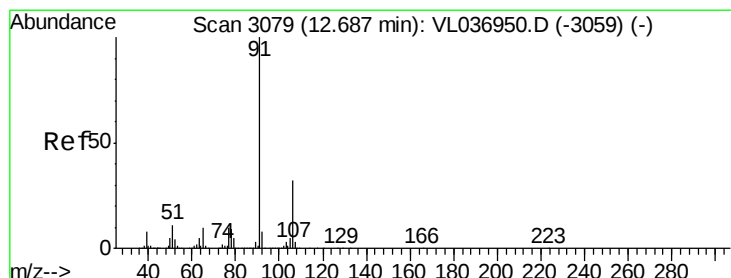
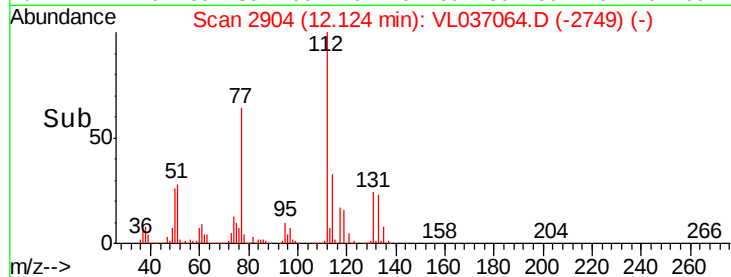
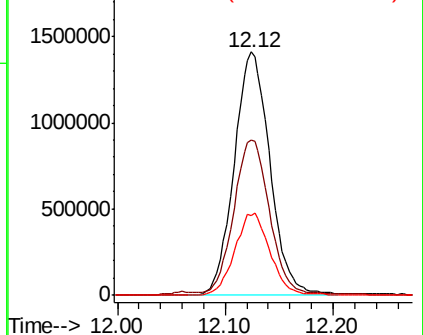
Tot Ion	Ratio	Lower	Upper
112	100		
77	63.3	51.0	76.6
114	32.8	28.3	34.5

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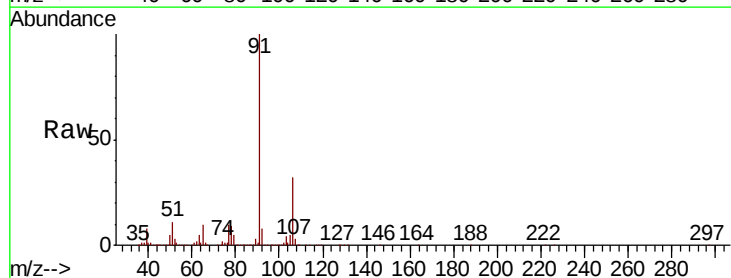


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

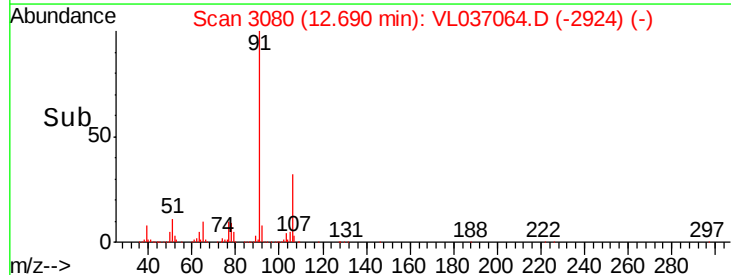
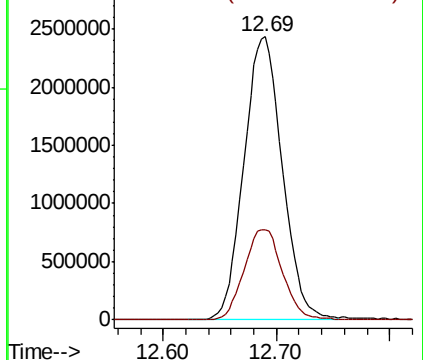


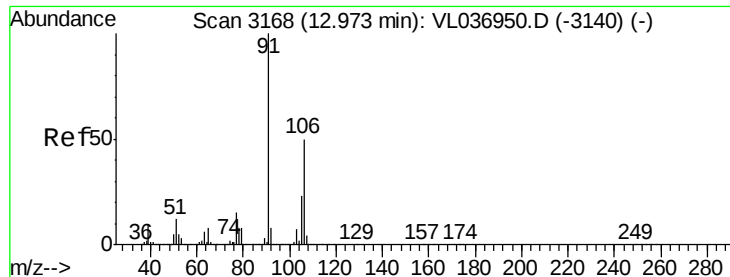
#58
Ethyl Benzene
Concen: 9.894 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. 0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.6	38.4



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





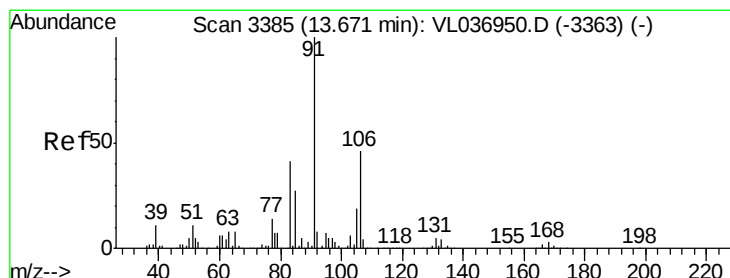
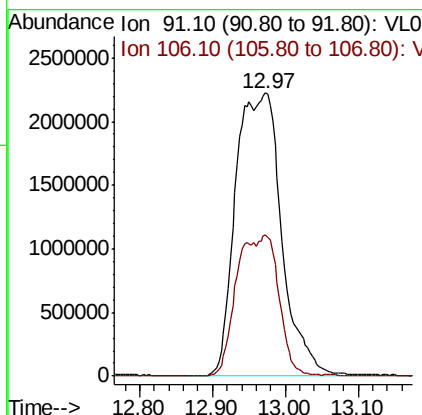
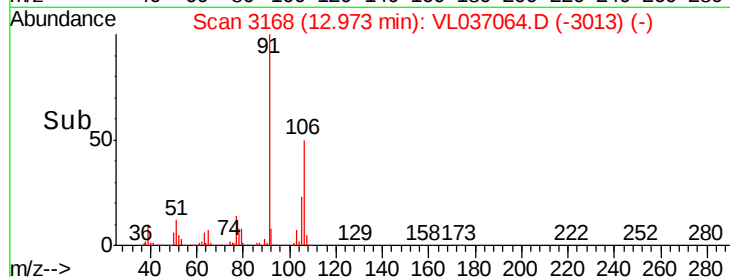
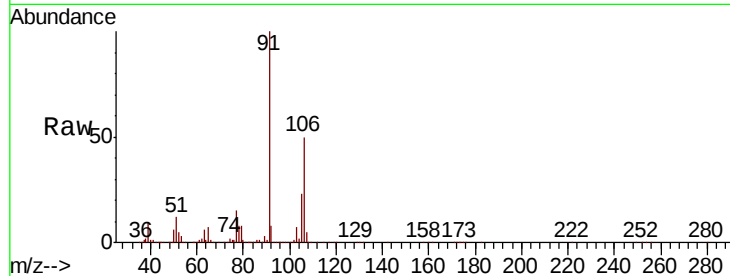
#59
m/p-Xylene
Concen: 20.263 ppbv m
RT: 12.97 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 9722944
Ion Ratio Lower Upper
91 100
106 45.9 37.4 56.2

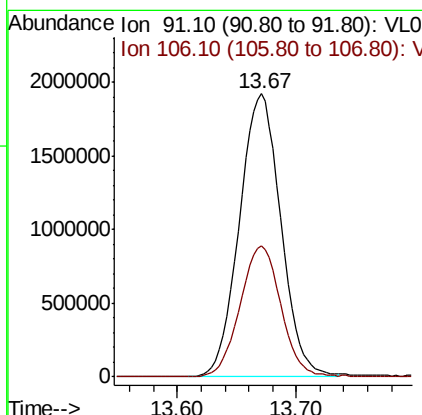
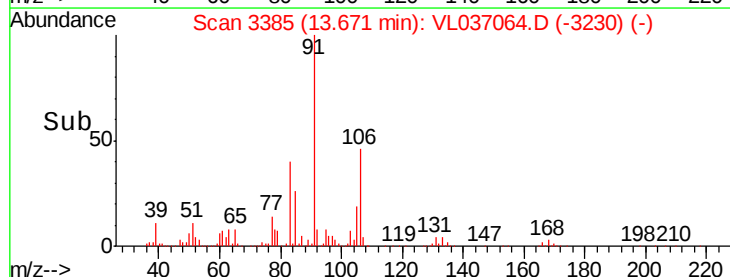
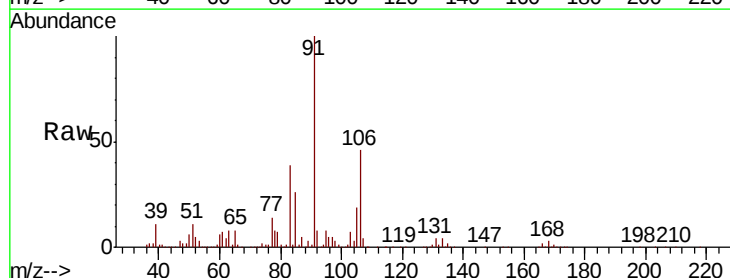
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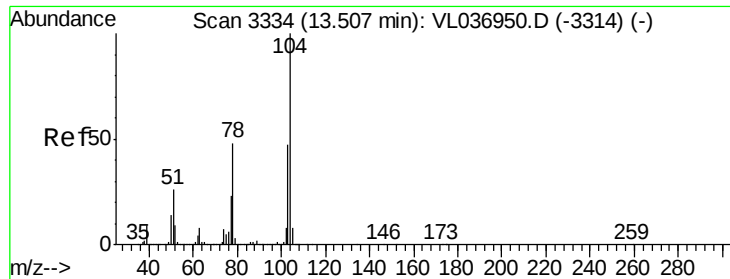
MMDadoda
6/7/2021 2:58:18 PM



#60
o-Xylene
Concen: 10.102 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion: 91 Resp: 4623226
Ion Ratio Lower Upper
91 100
106 46.1 23.4 70.3





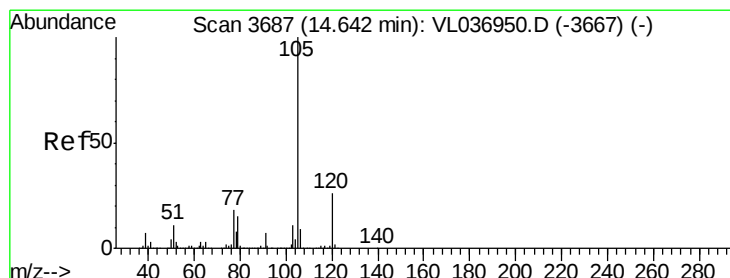
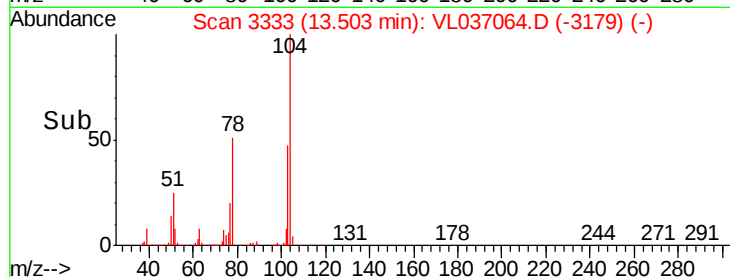
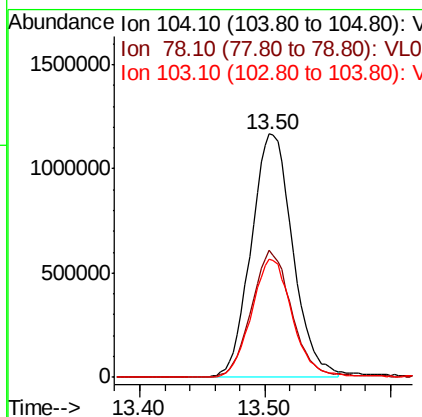
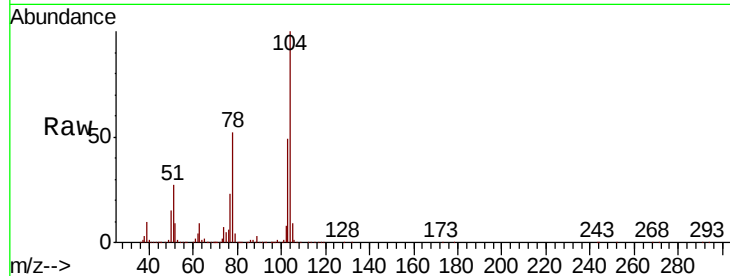
#61
Stvrene
Concen: 10.462 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:104 Resp: 2697242
Ion Ratio Lower Upper
104 100
78 51.0 39.0 58.6
103 48.1 38.0 57.0

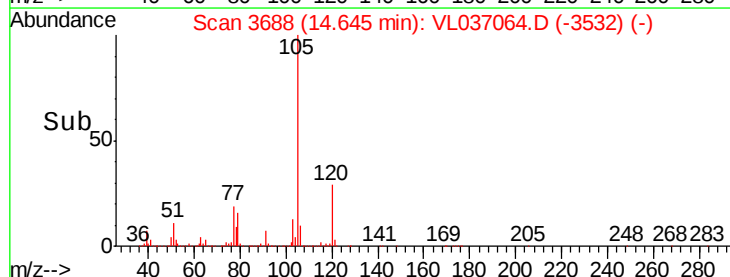
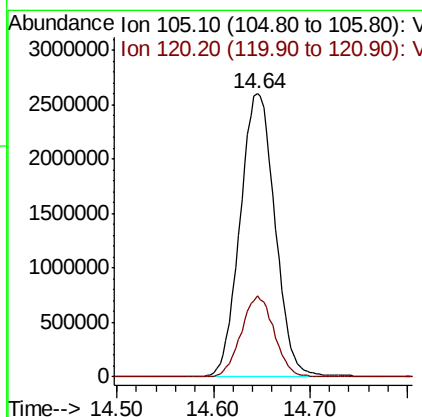
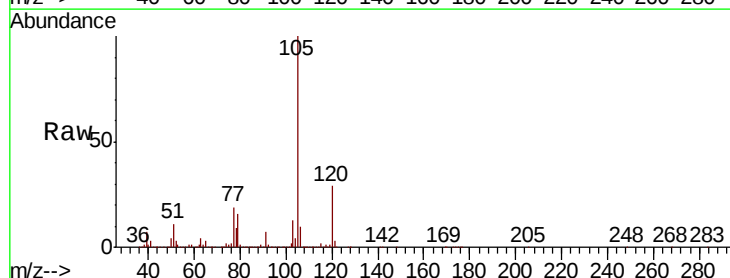
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#62
Isopropylbenzene
Concen: 9.925 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. 0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion:105 Resp: 6527758
Ion Ratio Lower Upper
105 100
120 27.3 21.7 32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 9.248 ppbv

RT: 13.65 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 83 Resp: 3160732

Ion Ratio Lower Upper

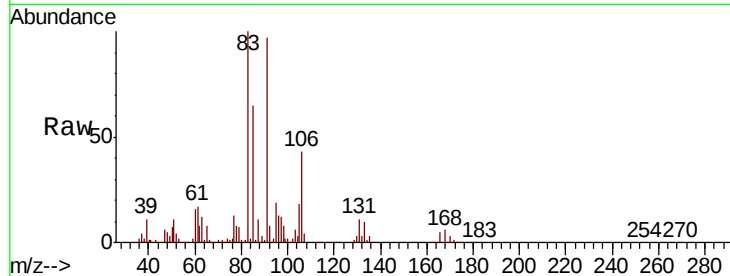
83 100

131 10.9 5.0 15.0

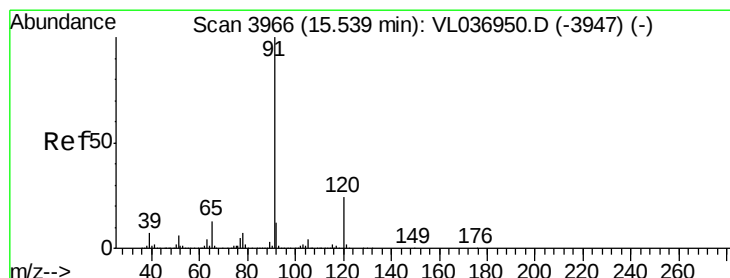
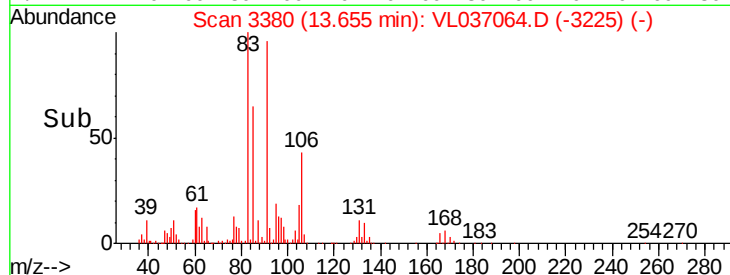
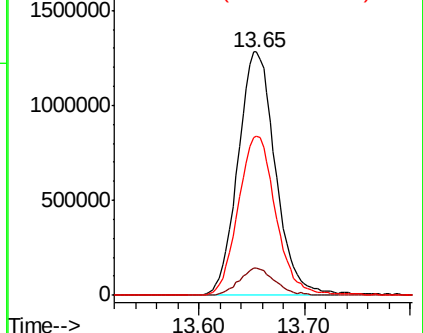
85 65.9 32.9 98.6

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Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 10.552 ppbv

RT: 15.54 min Scan# 3967

Delta R.T. 0.00 min

Lab File: VL037064.D

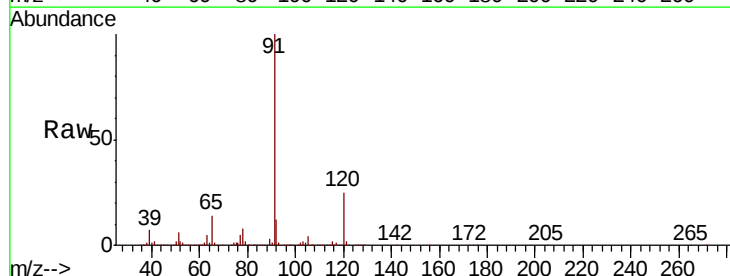
Acq: 1 Jun 2021 9:40

Tgt Ion:120 Resp: 1790561

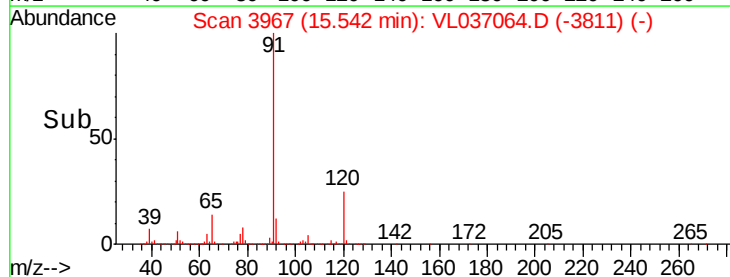
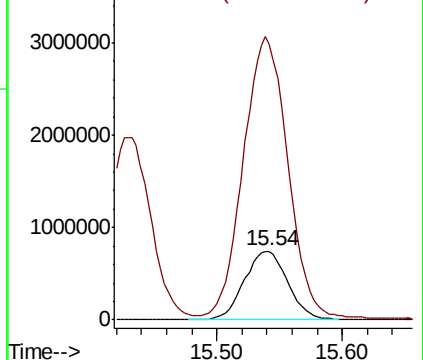
Ion Ratio Lower Upper

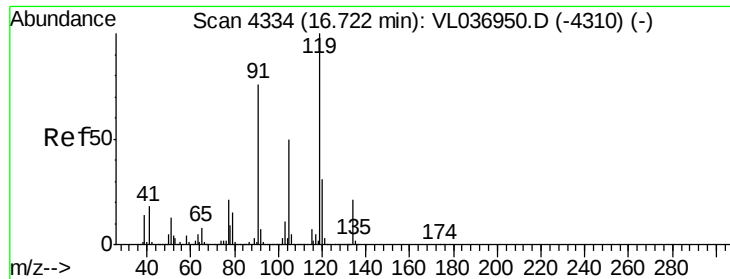
120 100

91 428.2 343.8 515.6



Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 10.134 ppbv

RT: 16.72 min Scan# 4334

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

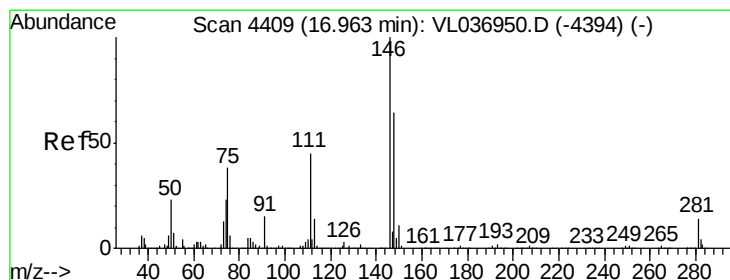
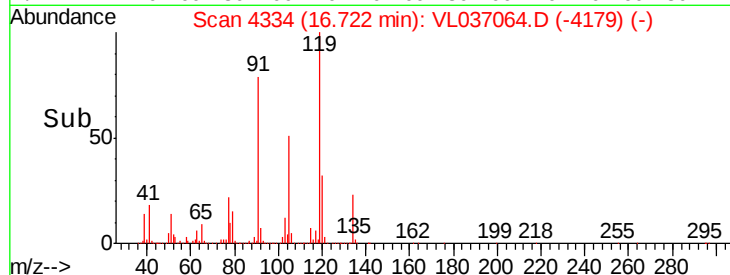
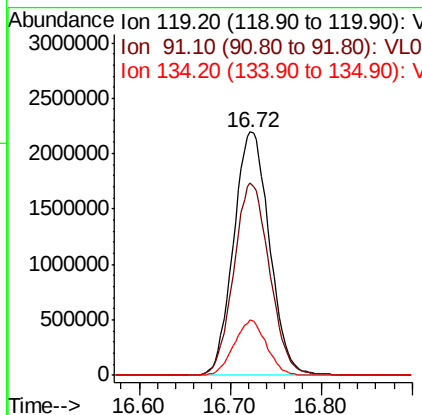
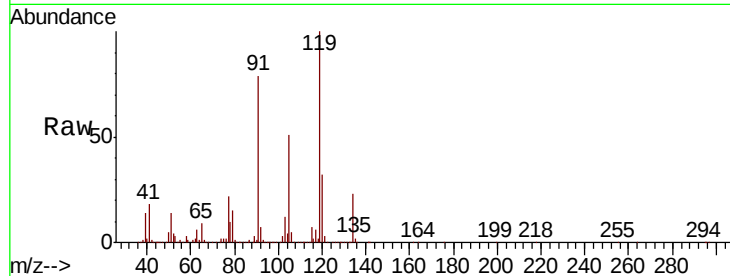
ClientSampleId :

VSTDCCC010

Tot Ion:	119	Resp:	6014215
Ion	Ratio	Lower	Upper
119	100		
91	79.0	61.9	92.9
134	20.5	16.2	24.4

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#66

Benzyl Chloride

Concen: 10.811 ppbv m

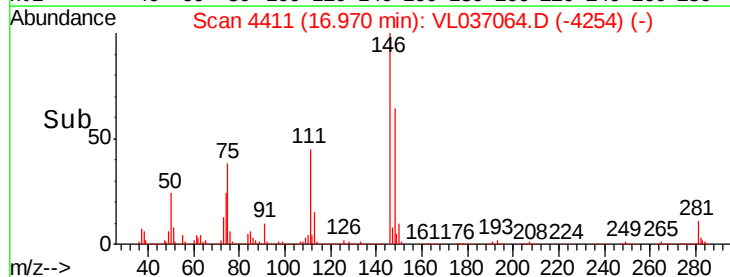
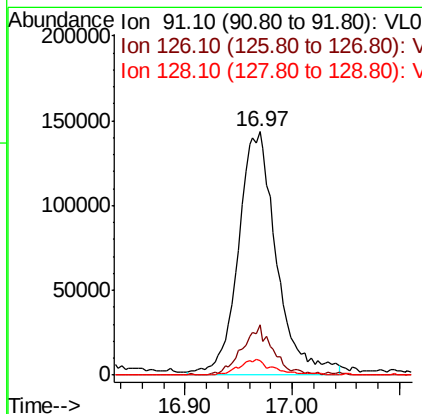
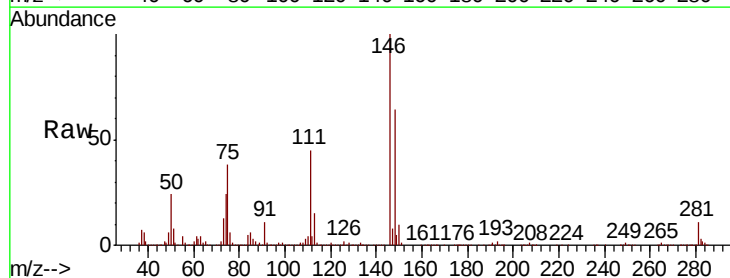
RT: 16.97 min Scan# 4411

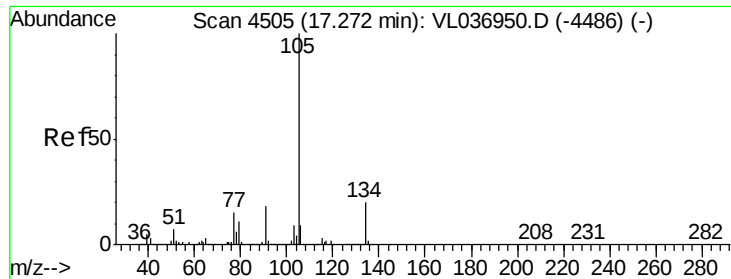
Delta R.T. 0.01 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Tgt Ion:	91	Resp:	355979
Ion	Ratio	Lower	Upper
91	100		
126	17.6	16.5	24.7
128	6.0	5.5	8.3





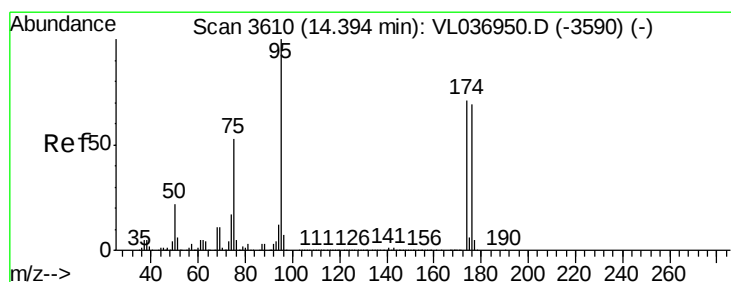
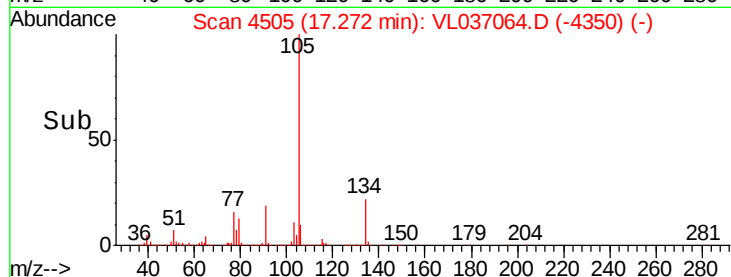
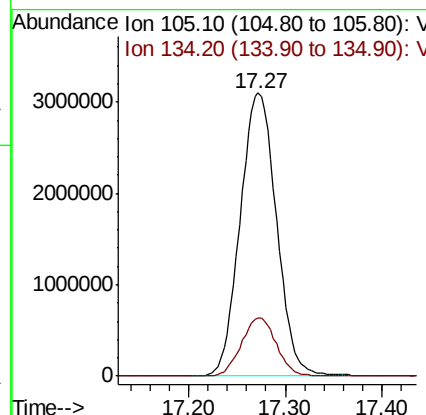
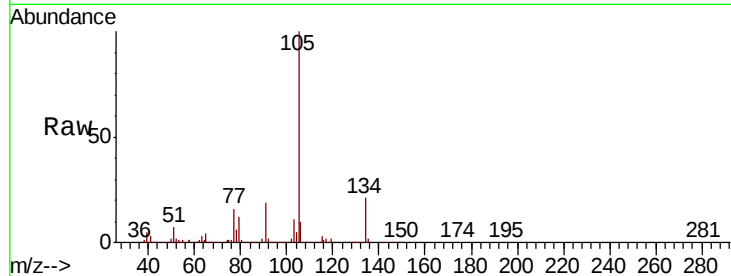
#67
 sec-Butylbenzene
 Concen: 9.955 ppbv
 RT: 17.27 min Scan# 4505
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 105 Resp: 8059464
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.6 23.4

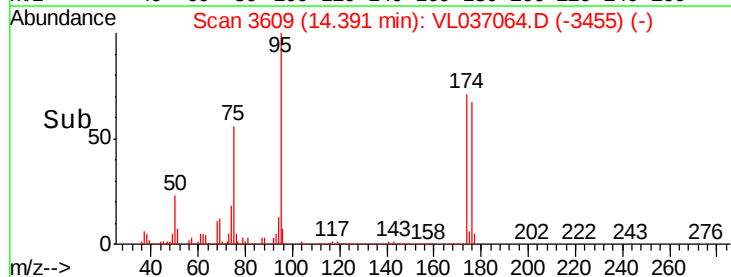
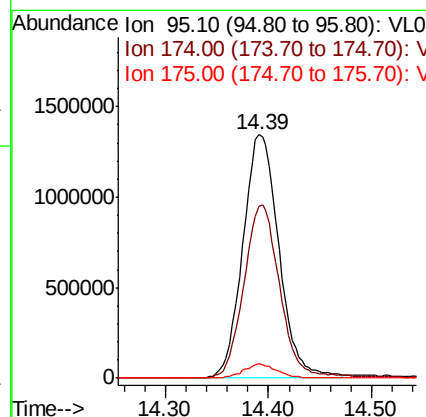
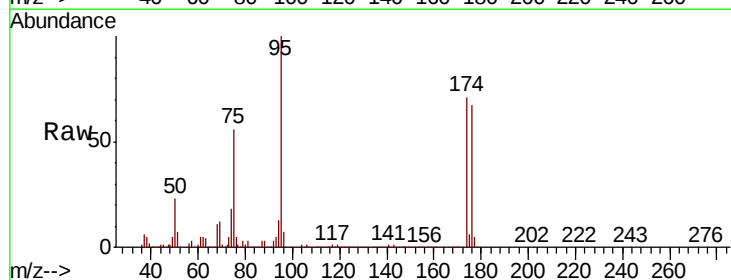
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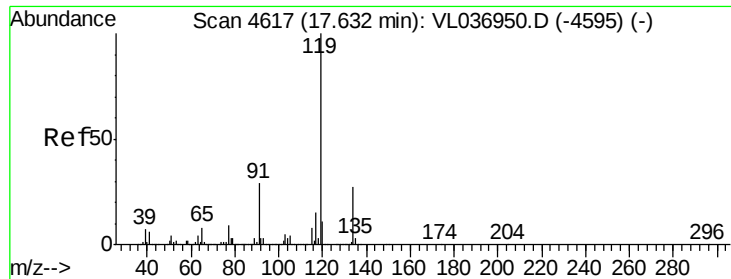
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.604 ppbv
 RT: 14.39 min Scan# 3609
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Tgt Ion: 95 Resp: 3276342
 Ion Ratio Lower Upper
 95 100
 174 71.6 58.4 87.6
 175 5.5 4.4 6.6





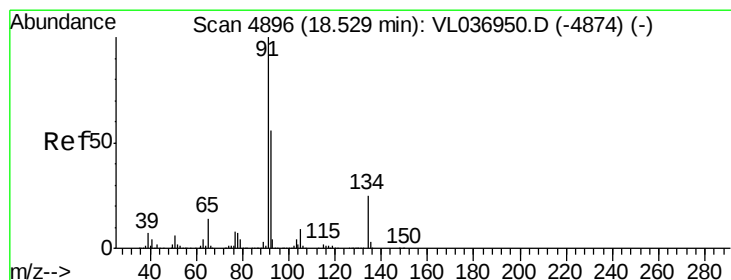
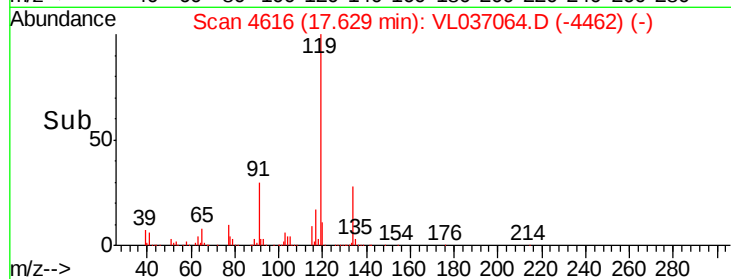
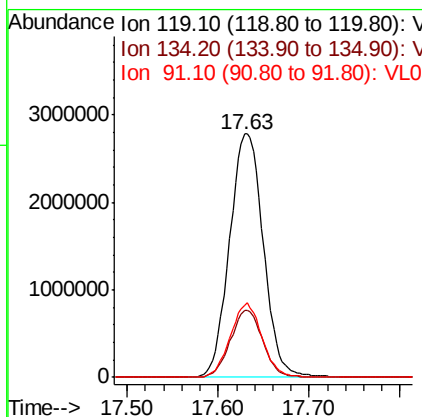
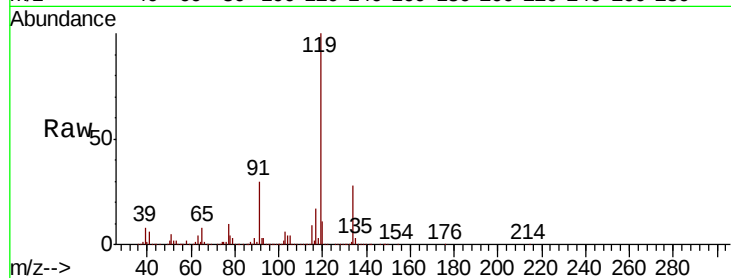
#69
p-Isopropyltoluene
Concen: 10.306 ppbv
RT: 17.63 min Scan# 4616
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	21.2	31.8
91	28.6	22.2	33.4

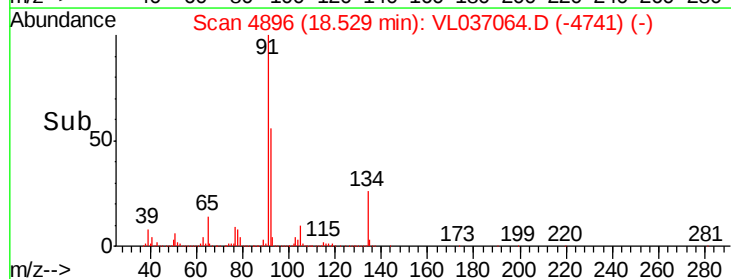
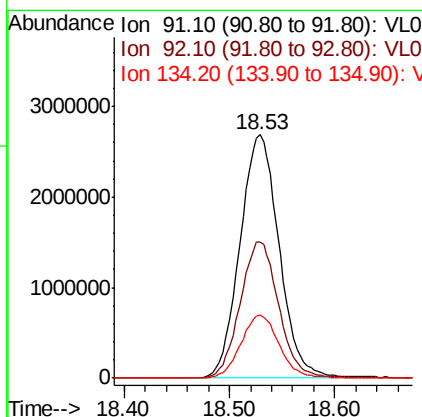
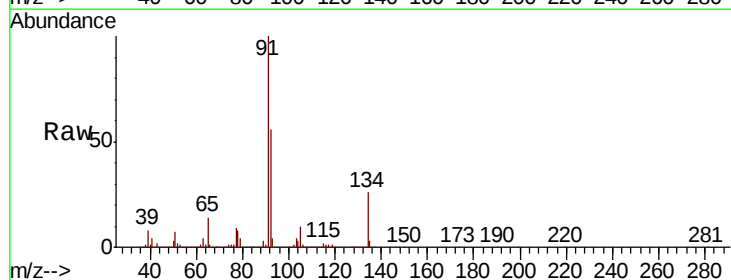
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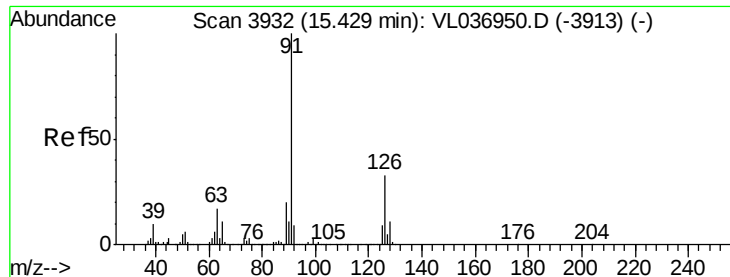
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#70
n-Butylbenzene
Concen: 10.453 ppbv
RT: 18.53 min Scan# 4896
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.4	44.6	66.8
134	25.5	20.2	30.2





#71

2-Chlorotoluene

Concen: 10.172 ppbv

RT: 15.43 min Scan# 3932

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 4831853

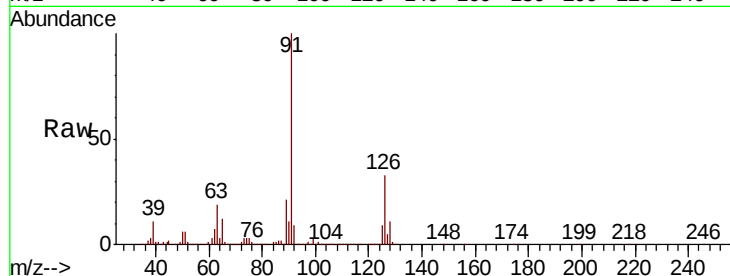
Ion Ratio Lower Upper

91 100

126 33.4 13.1 52.5

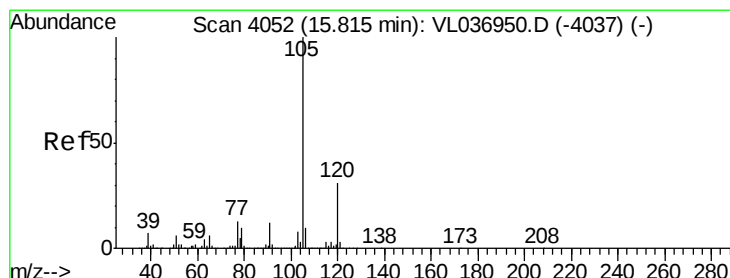
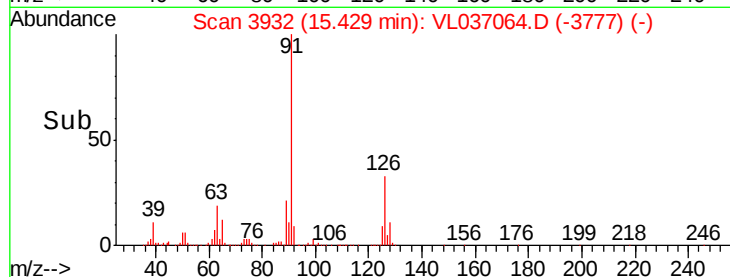
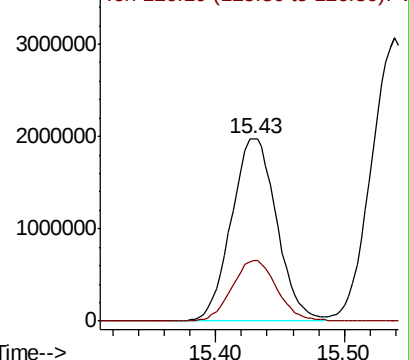
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 10.525 ppbv

RT: 15.82 min Scan# 4052

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Tgt Ion:105 Resp: 5716737

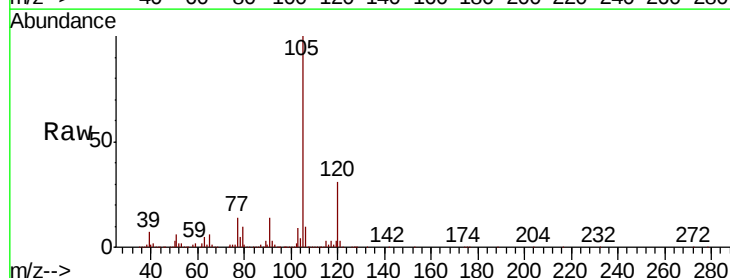
Ion Ratio Lower Upper

105 100

120 31.1 24.6 37.0

91 13.2 9.8 14.6

77 13.6 10.4 15.6

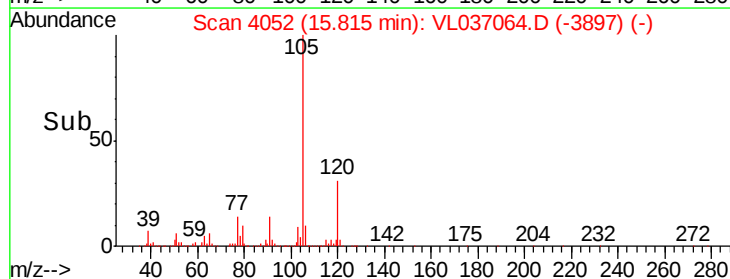
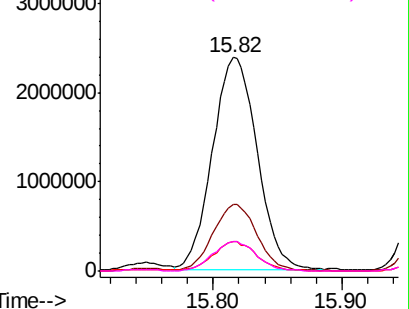


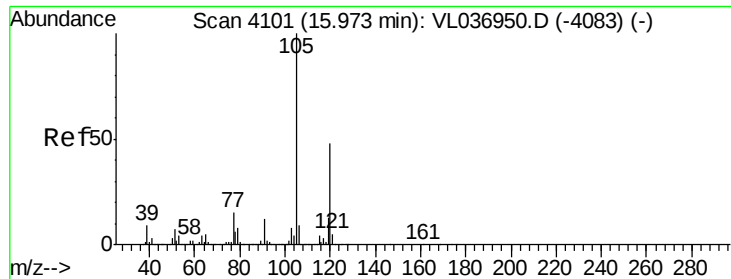
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 10.335 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. 0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 5271378

Ion Ratio Lower Upper

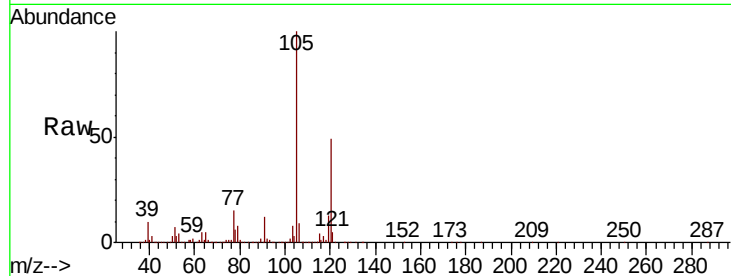
105 100

120 49.1 38.6 58.0

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2500000

2000000

1500000

1000000

500000

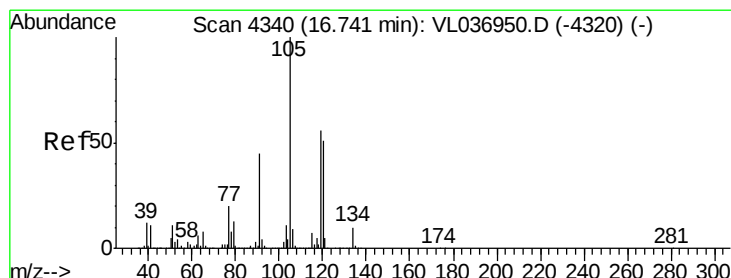
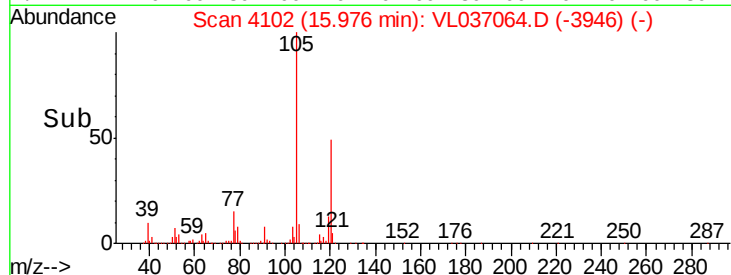
0

15.90

15.98

16.00

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 10.378 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.00 min

Lab File: VL037064.D

Acq: 1 Jun 2021 9:40

Tgt Ion:105 Resp: 5473116

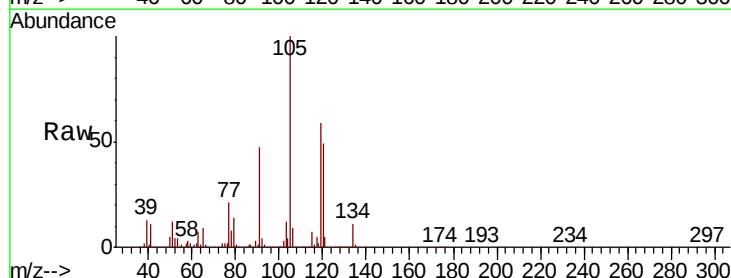
Ion Ratio Lower Upper

105 100

120 49.2 40.6 61.0

91 46.7 37.4 56.0

77 20.8 16.2 24.4



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

3000000

2000000

1000000

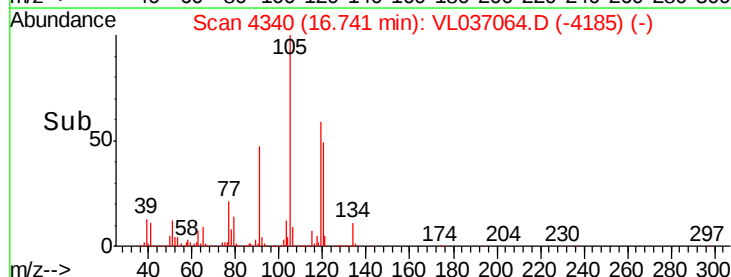
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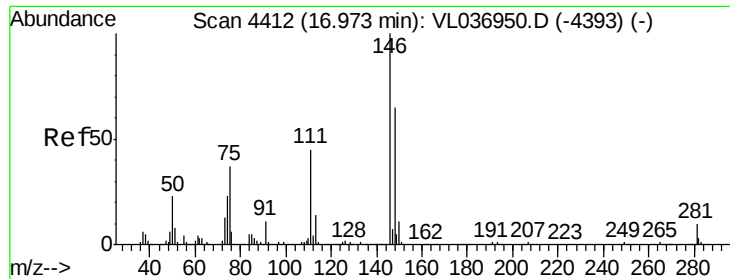
16.70

16.74

16.80

Time-->





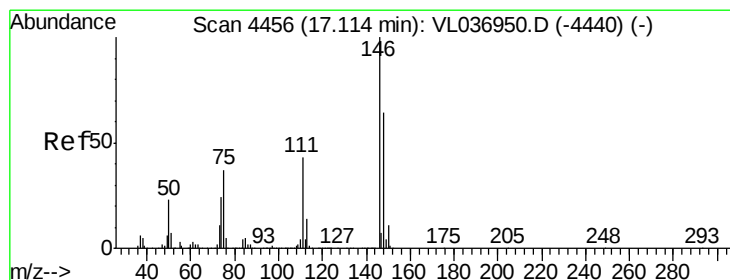
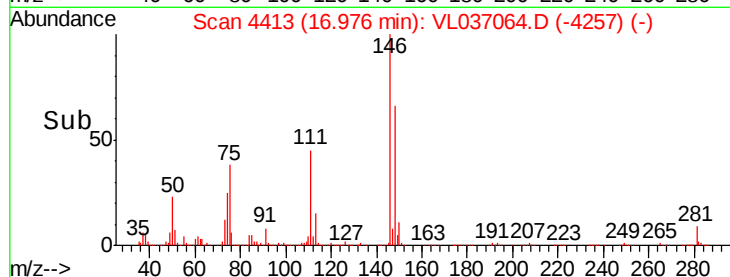
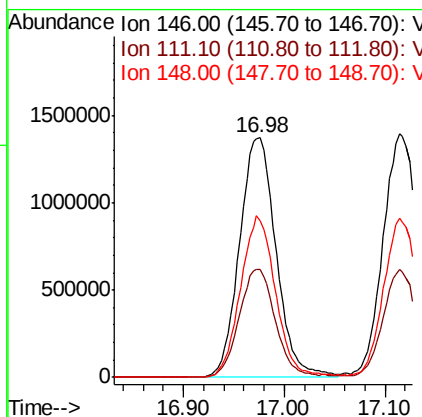
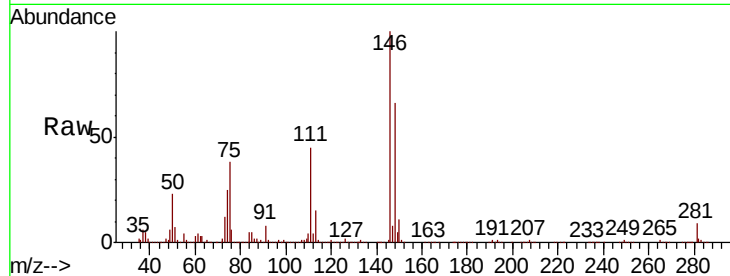
#75
 1,3-Dichlorobenzene
 Concen: 10.709 ppbv
 RT: 16.98 min Scan# 4413
 Delta R.T. 0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:146 Resp: 3448790
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.2 66.6
 148 64.4 32.3 96.8

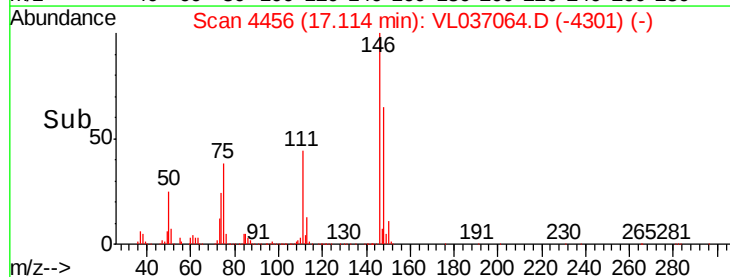
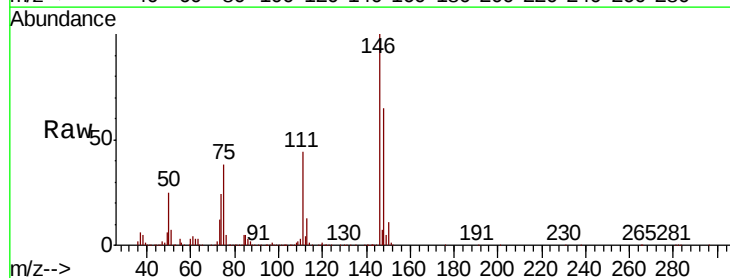
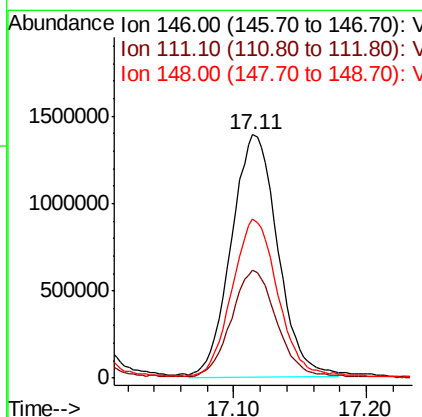
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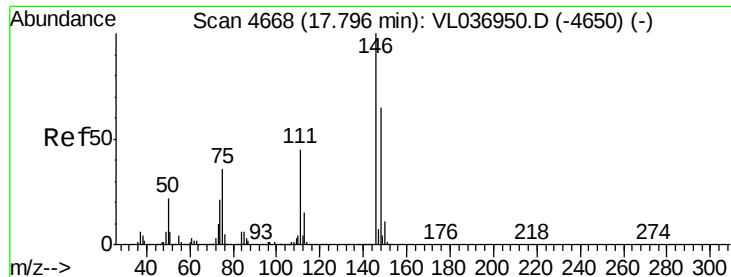
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#76
 1,4-Dichlorobenzene
 Concen: 10.391 ppbv
 RT: 17.11 min Scan# 4456
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Tgt Ion:146 Resp: 3383359
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.6 67.7
 148 65.9 33.5 100.5





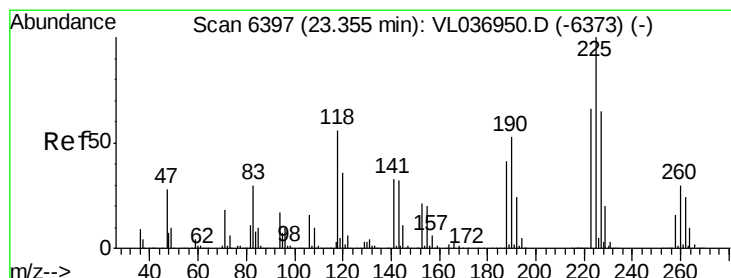
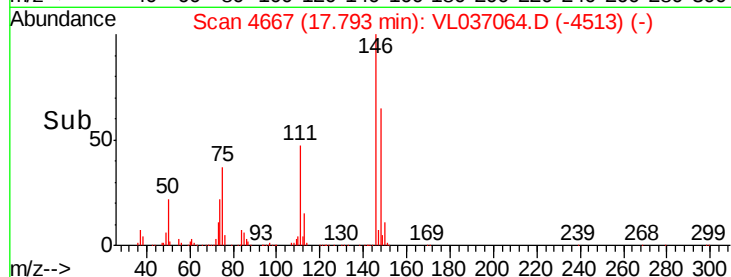
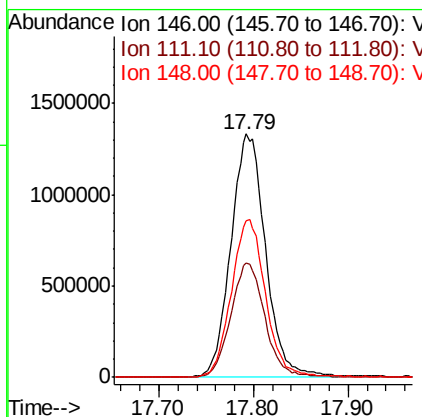
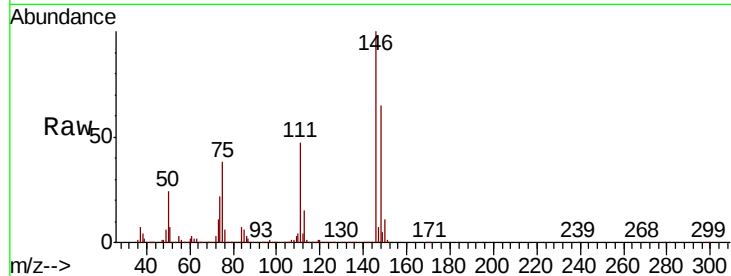
#77
 1,2-Dichlorobenzene
 Concen: 10.427 ppbv
 RT: 17.79 min Scan# 4667
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:146 Resp: 3364760
 Ion Ratio Lower Upper
 146 100
 111 46.6 23.1 69.2
 148 64.3 32.5 97.4

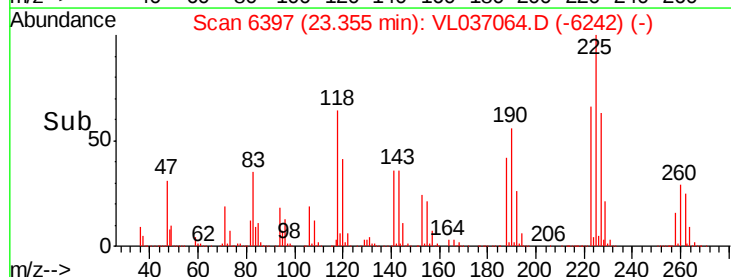
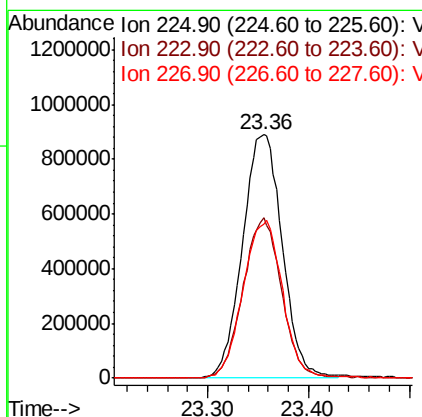
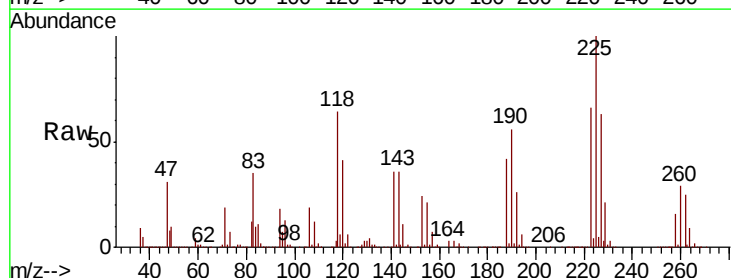
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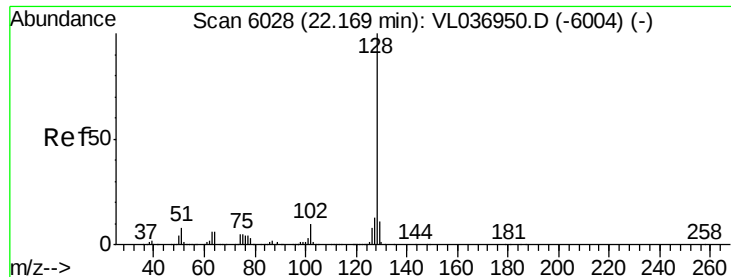
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#78
 Hexachloro-1,3-Butadiene
 Concen: 9.389 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T. -0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Tgt Ion:225 Resp: 2436169
 Ion Ratio Lower Upper
 225 100
 223 64.4 51.9 77.9
 227 64.6 51.8 77.6





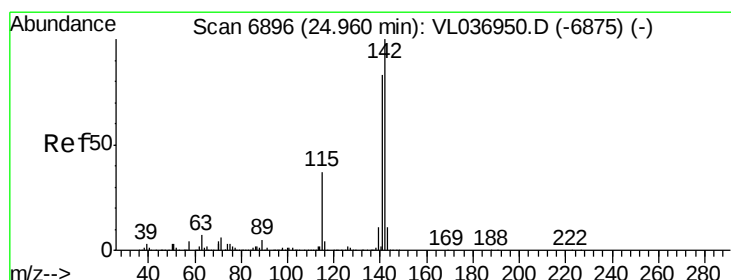
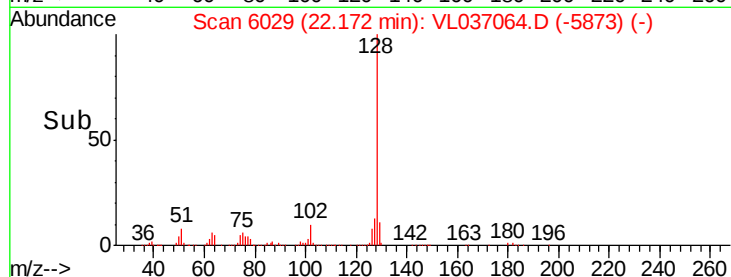
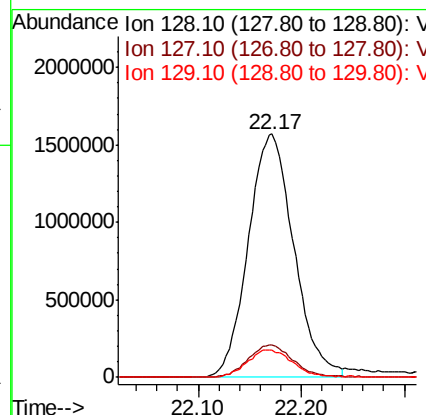
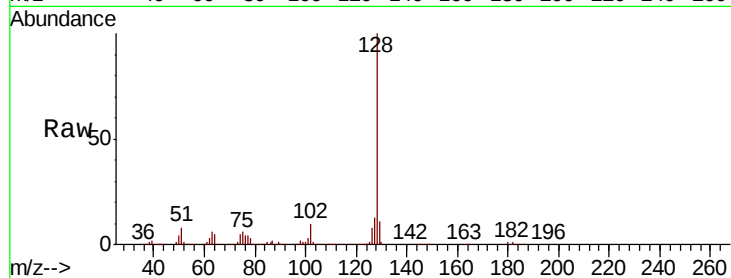
#79
Naphthalene
Concen: 11.622 ppbv
RT: 22.17 min Scan# 6029
Delta R.T. 0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.0	9.0	13.6

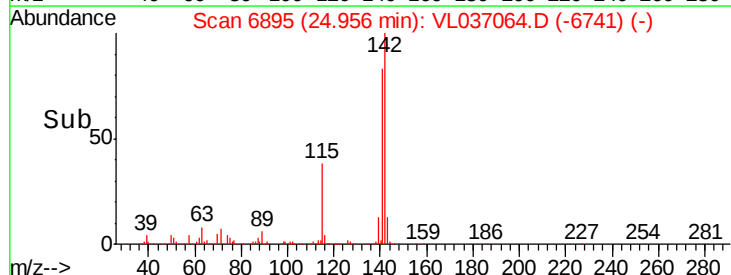
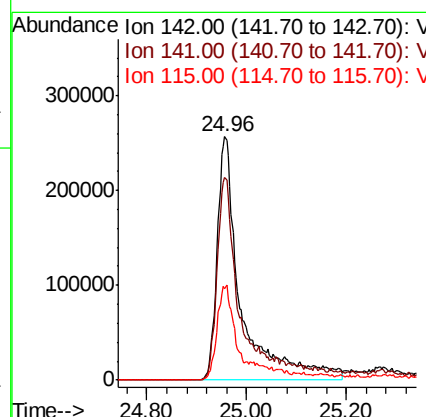
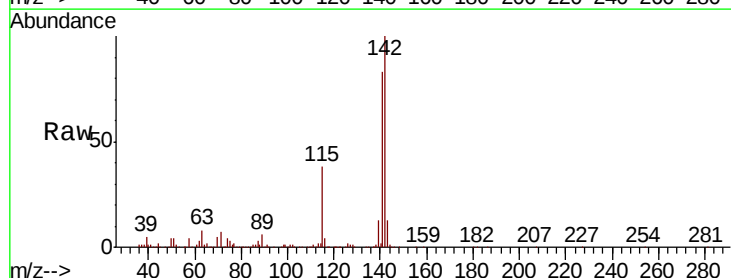
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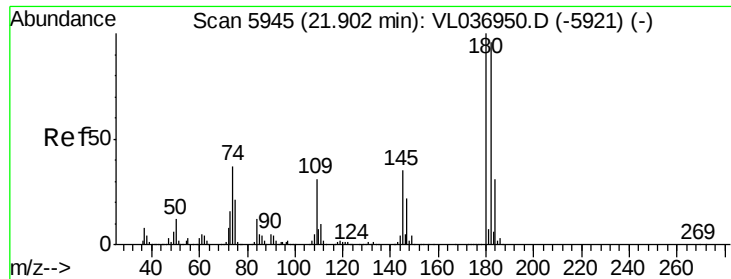
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#80
Naphthalene, 2-methyl-
Concen: 9.608 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL037064.D
Acq: 1 Jun 2021 9:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.1	69.3	103.9
115	35.8	29.1	43.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.947 ppbv m
 RT: 21.91 min Scan# 5946
 Delta R.T. 0.00 min
 Lab File: VL037064.D
 Acq: 1 Jun 2021 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:180 Resp: 2761443
 Ion Ratio Lower Upper
 180 100
 182 0.0 81.7 122.5#
 184 31.6 24.9 37.3

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