

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037344.D
 Acq On : 6 Aug 2021 13:48
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:09:27 PM

Quant Time: Aug 06 16:27:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 06 2021
 QLast Update : Fri Aug 06 15:47:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	891586	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3061913	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2780145	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1957721	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	234890	1.184	ppbv	96
3) Chlorodifluoromethane	2.98	51	183701	0.992	ppbv	99
4) Chloromethane	3.13	50	60835	0.928	ppbv #	86
5) Vinyl Chloride	3.25	62	61082	0.889	ppbv #	87
6) Bromomethane	3.47	94	35063	0.831	ppbv	94
7) Chloroethane	3.55	64	23175	0.942	ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	177324	0.997	ppbv	97
9) Propene	3.00	41	56518	0.856	ppbv	94
10) Heptane	8.11	43	137508	0.887	ppbv	95
11) Trichlorofluoromethane	3.94	101	181698	1.049	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	135189	1.076	ppbv	99
13) Ethanol	3.63	45	12652m	1.268	ppbv	
14) Bromoethene	3.74	108	53383	0.961	ppbv	94
15) Acetone	3.86	43	96661	0.984	ppbv #	63
16) 1,3-Butadiene	3.32	39	61314	0.964	ppbv	97
17) tert-Butyl alcohol	4.32	59	108430m	1.097	ppbv	
18) 1,1-Dichloroethene	4.28	96	55591	0.972	ppbv	92
19) Isopropyl Alcohol	4.00	45	63331m	1.164	ppbv	
20) Methylene Chloride	4.34	84	96588	1.187	ppbv	90
21) Allyl Chloride	4.40	41	73302	0.923	ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	53819	1.023	ppbv	95
23) Vinyl Acetate	5.08	43	112352	0.762	ppbv #	96
24) 1,1-Dichloroethane	5.00	63	110665	0.881	ppbv #	96
25) Ethyl Acetate	5.68	43	235377	0.924	ppbv	99
26) Hexane	5.67	57	147360m	1.036	ppbv	
27) Carbon Disulfide	4.55	76	100844	0.858	ppbv	96
28) Methyl tert-Butyl Ether	5.04	73	128414	0.863	ppbv	97
29) Chloroform	5.74	83	186370	1.018	ppbv	93
30) Cyclohexane	7.12	84	96345	0.874	ppbv	93
31) cis-1,2-Dichloroethene	5.54	61	95449	0.858	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	176190	1.009	ppbv	98
34) 2-Butanone	5.26	43	119307m	1.128	ppbv	
35) Carbon Tetrachloride	7.01	117	179473	0.960	ppbv	100
36) Benzene	6.88	78	234874	0.850	ppbv	96
37) 1,2-Dichloroethane	6.30	62	121621	0.941	ppbv	98
38) Trichloroethene	7.82	130	99334	0.819	ppbv	94
39) 1,2-Dichloropropane	7.60	63	86047	0.838	ppbv	96
40) 1,4-Dioxane	7.87	88	28326m	0.947	ppbv	
41) Tetrahydrofuran	6.07	42	50377m	0.860	ppbv	
42) Bromodichloromethane	7.78	83	162728	0.841	ppbv	95
43) Methyl Methacrylate	8.01	69	68788	0.735	ppbv	97

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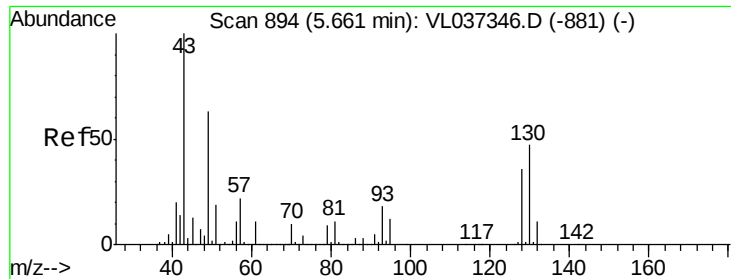
MMDadoda
 8/10/2021 6:09:27 PM

Quant Time: Aug 06 16:27:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 15:47:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	7.86	57	401910	0.879	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	36318	0.513	ppbv	97
46) cis-1,3-Dichloropropene	8.69	75	53004	0.519	ppbv #	83
47) 1,1,2-Trichloroethane	9.46	97	96803	0.874	ppbv	96
48) Dibromochloromethane	10.29	129	138449m	0.831	ppbv	
49) Bromoform	13.02	173	91763	0.725	ppbv	96
50) 4-Methyl-2-Pentanone	8.76	43	124389	0.759	ppbv	97
51) 2-Hexanone	10.17	43	62934m	0.842	ppbv	
52) Tetrachloroethene	11.21	164	101979	0.850	ppbv	96
53) Toluene	9.80	91	270165	0.824	ppbv	100
54) 1,2-Dibromoethane	10.60	107	131657	0.857	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	114942	0.920	ppbv #	1
57) Chlorobenzene	12.13	112	222248	0.921	ppbv	98
58) Ethyl Benzene	12.70	91	356587	0.855	ppbv	98
59) m/p-Xylene	12.97	91	623046m	1.775	ppbv	
60) o-Xylene	13.67	91	300773	0.926	ppbv	99
61) Styrene	13.51	104	131078	0.742	ppbv	95
62) Isopropylbenzene	14.65	105	436785	0.928	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	200717	0.870	ppbv	96
64) n-propylbenzene	15.54	120	105178	0.860	ppbv	82
65) tert-Butylbenzene	16.73	119	398058	0.925	ppbv	98
66) Benzyl Chloride	16.97	91	14303m	0.891	ppbv	
67) sec-Butylbenzene	17.28	105	514788	0.888	ppbv	100
69) p-Isopropyltoluene	17.64	119	430293	0.880	ppbv	99
70) n-Butylbenzene	18.54	91	372669	0.837	ppbv	98
71) 2-Chlorotoluene	15.44	91	281873	0.858	ppbv	97
72) 4-Ethyltoluene	15.82	105	327584	0.841	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	306282	0.874	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	340634	0.915	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	211063m	0.922	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	181696	0.800	ppbv	91
77) 1,2-Dichlorobenzene	17.80	146	207973m	0.937	ppbv	
78) Hexachloro-1,3-Butadiene	23.36	225	174273	0.890	ppbv	98
79) Naphthalene	22.19	128	179688m	0.561	ppbv	
80) Naphthalene, 2-methyl-	24.99	142	24106m	0.483	ppbv	
81) 1,2,4-Trichlorobenzene	21.91	180	128655	0.678	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

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MSVOA_L

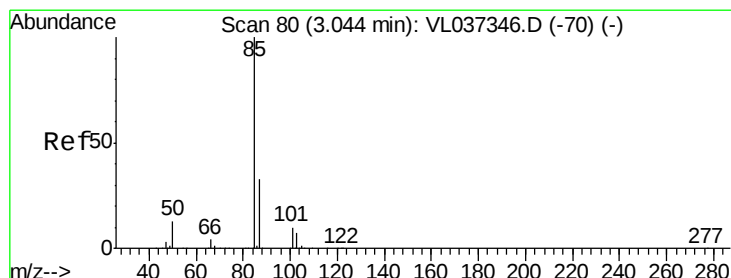
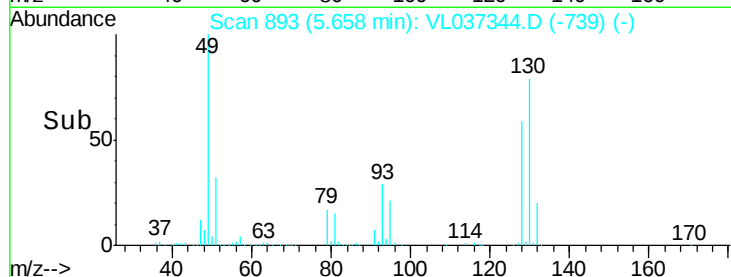
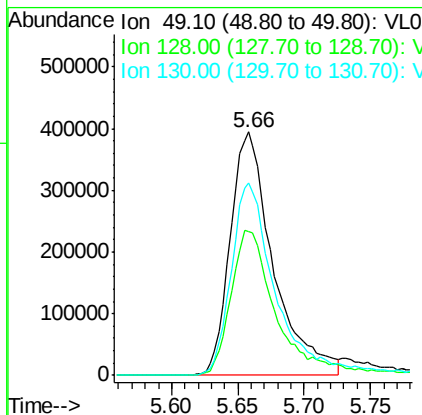
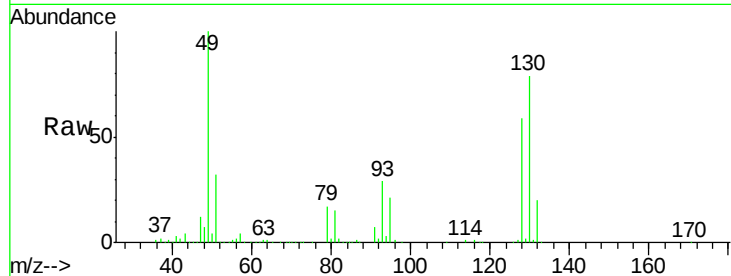
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
128	64.8	32.1	96.3
130	85.0	40.0	120.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 1.184 ppbv

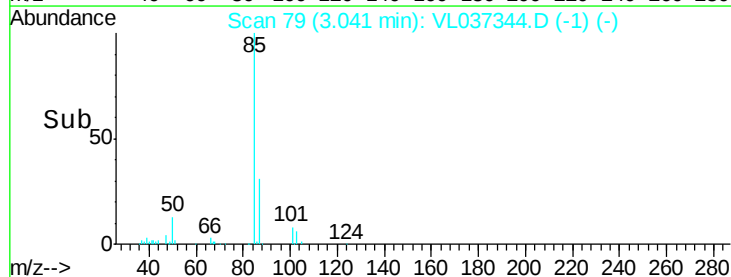
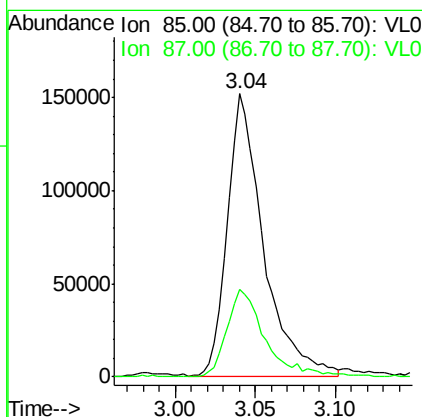
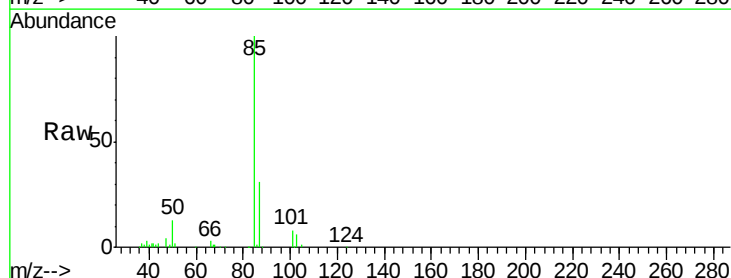
RT: 3.04 min Scan# 79

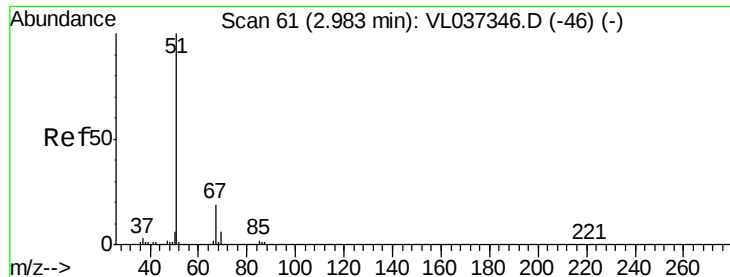
Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.6	26.4	39.6





#3

Chlorodifluoromethane

Concen: 0.992 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tot Ion: 51 Resp: 183701

Ion Ratio Lower Upper

51 100

67 19.2 15.6 23.4

Instrument :

MSVOA_L

ClientSampleId :

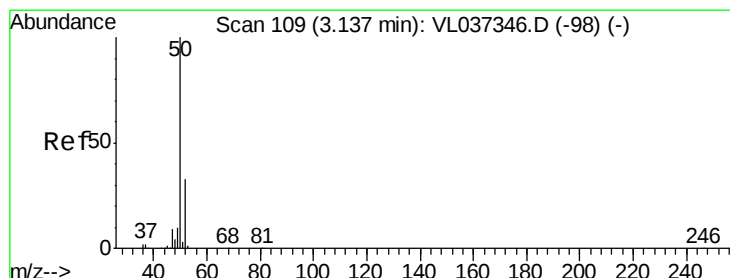
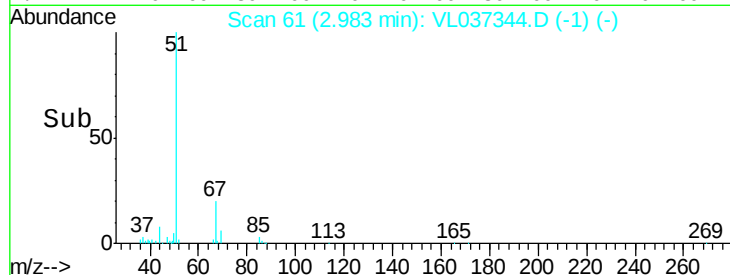
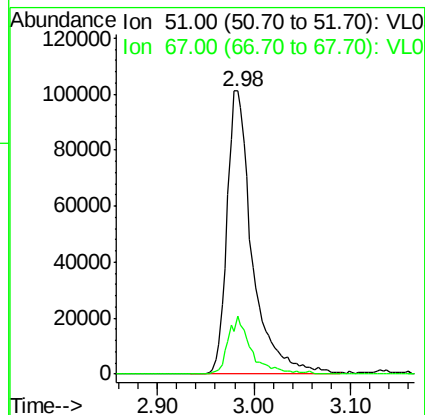
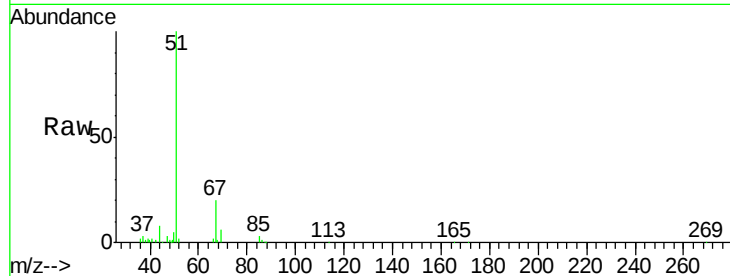
VSTDIC001

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#4

Chloromethane

Concen: 0.928 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL037344.D

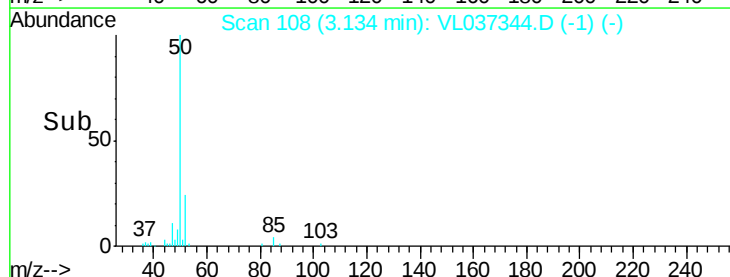
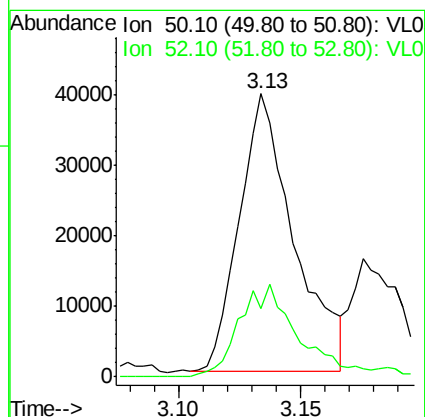
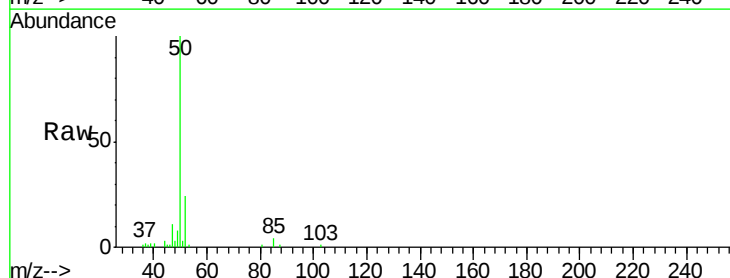
Acq: 6 Aug 2021 13:48

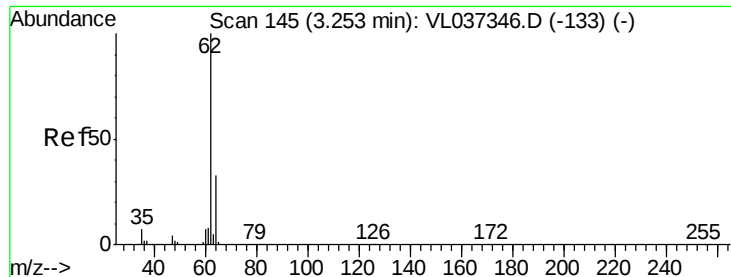
Tgt Ion: 50 Resp: 60835

Ion Ratio Lower Upper

50 100

52 24.9 26.3 39.5#





#5

Vinyl Chloride

Concen: 0.889 ppbv

RT: 3.25 min Scan# 145

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 61082

Ion Ratio Lower Upper

62 100

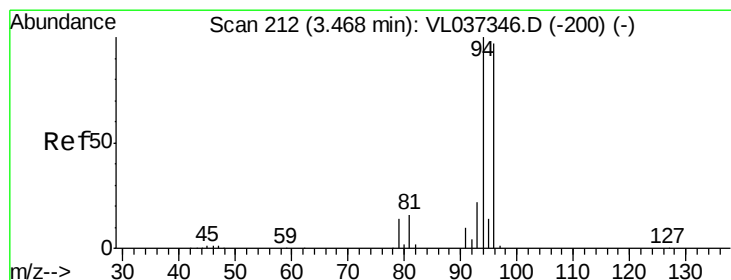
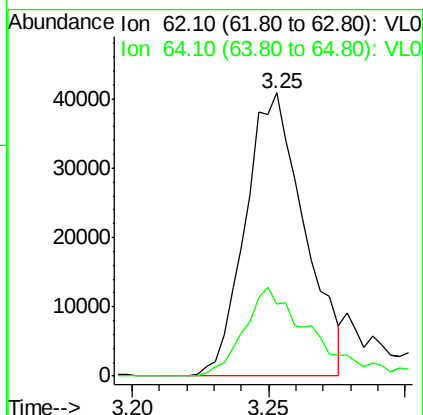
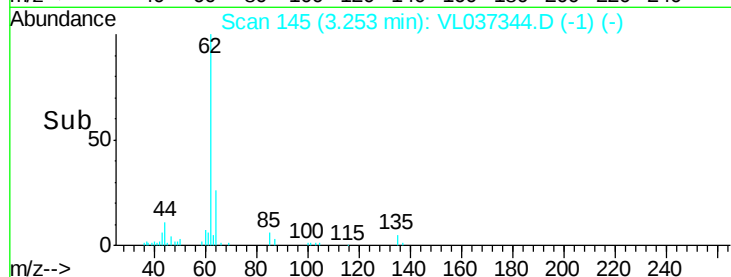
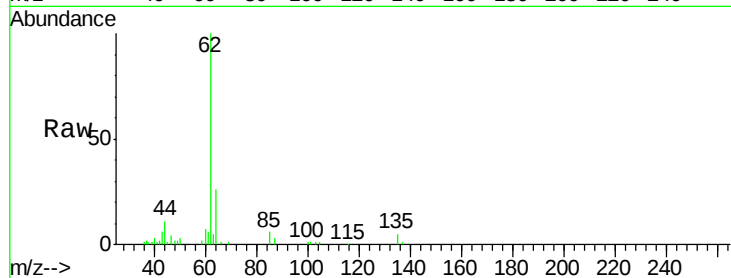
64 25.7 26.4 39.6#

Manual Integrations

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#6

Bromomethane

Concen: 0.831 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL037344.D

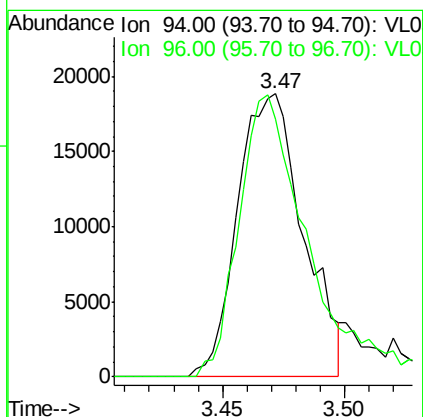
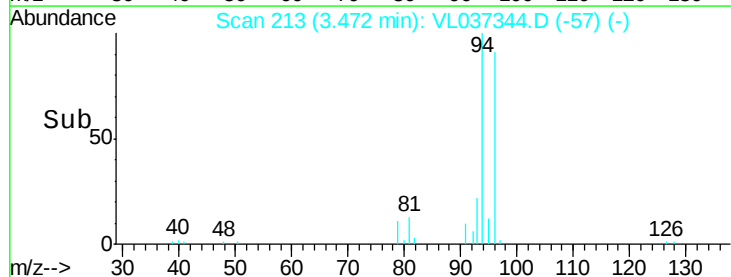
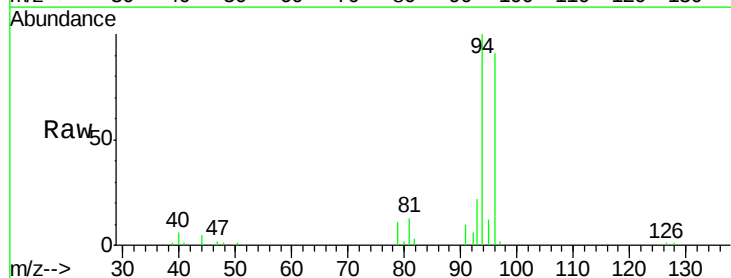
Acq: 6 Aug 2021 13:48

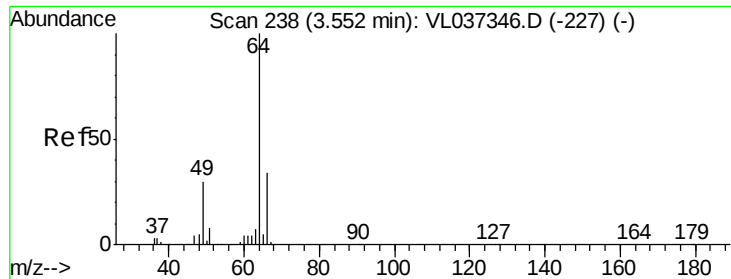
Tgt Ion: 94 Resp: 35063

Ion Ratio Lower Upper

94 100

96 91.0 77.4 116.2





#7

Chloroethane

Concen: 0.942 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 23175

Ion Ratio Lower Upper

64 100

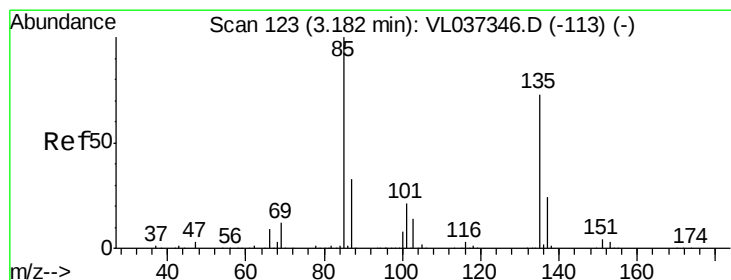
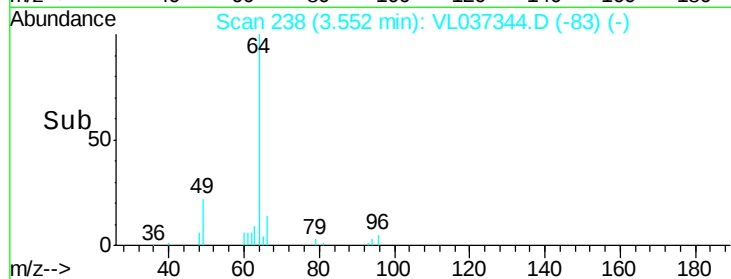
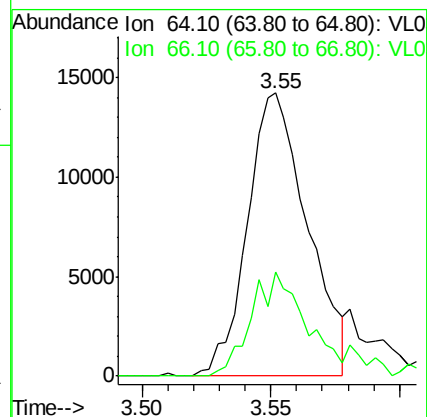
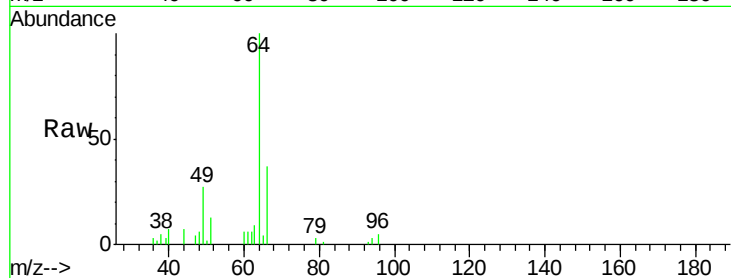
66 36.7 26.8 40.2

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#8

Dichlorotetrafluoroethane

Concen: 0.997 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL037344.D

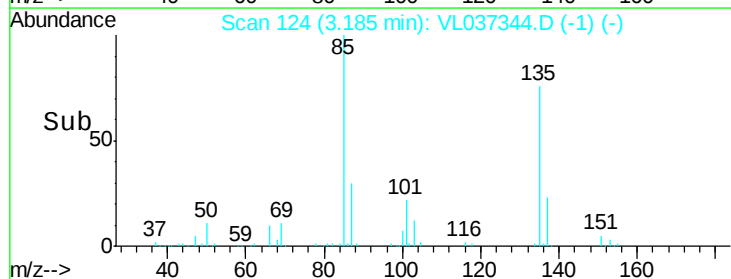
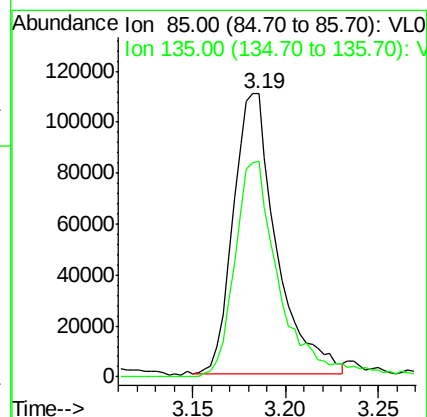
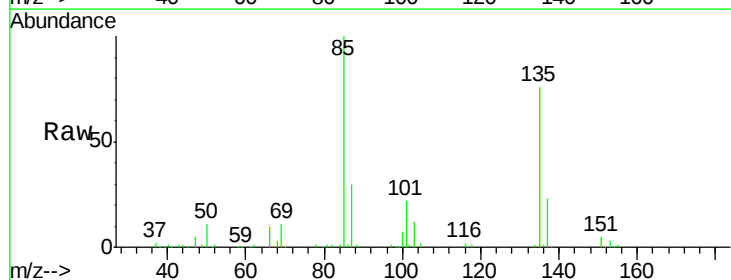
Acq: 6 Aug 2021 13:48

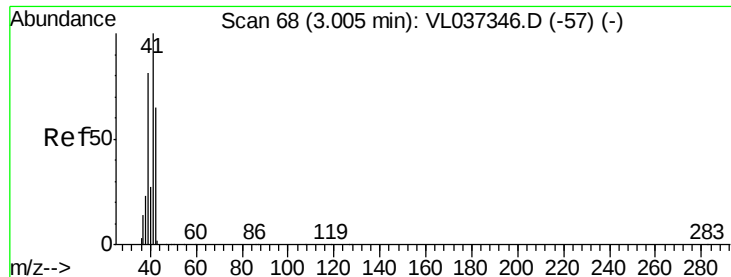
Tgt Ion: 85 Resp: 177324

Ion Ratio Lower Upper

85 100

135 81.5 63.2 94.8





#9

Propene

Concen: 0.856 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 56518

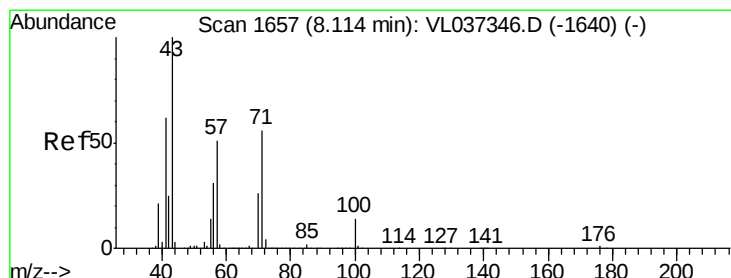
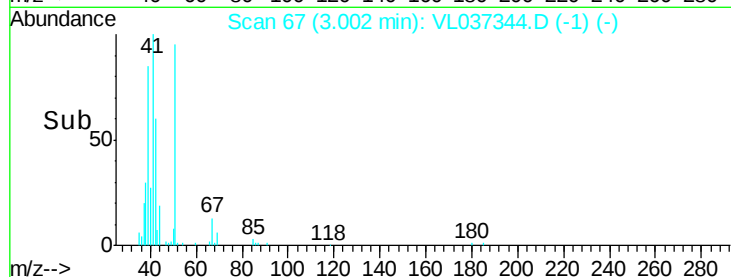
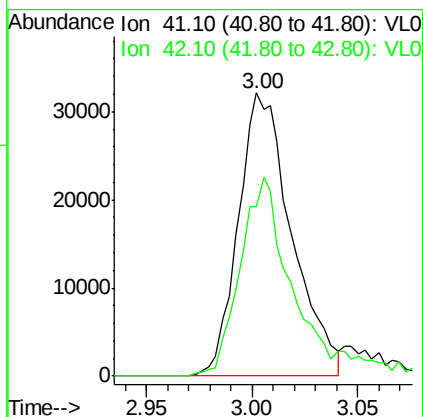
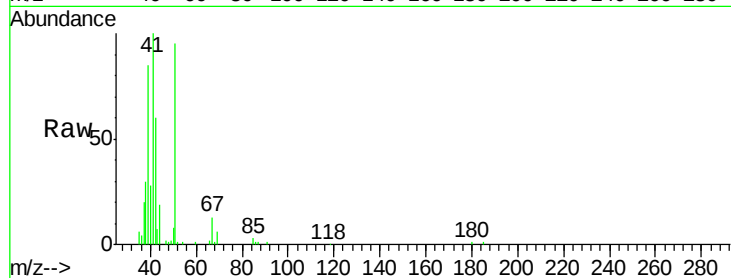
Ion Ratio Lower Upper

41 100

42 72.5 54.3 81.5

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#10

Heptane

Concen: 0.887 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.01 min

Lab File: VL037344.D

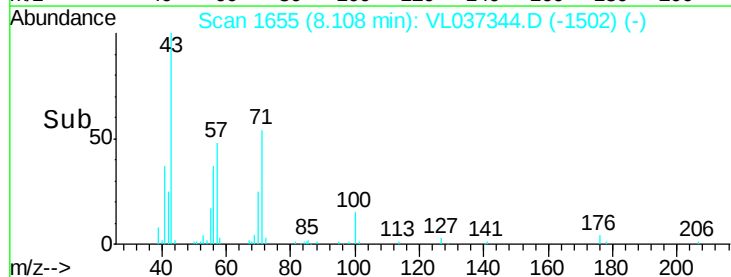
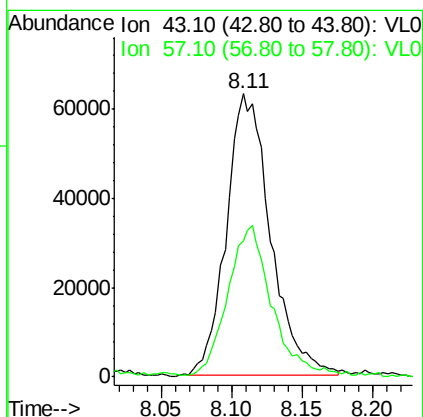
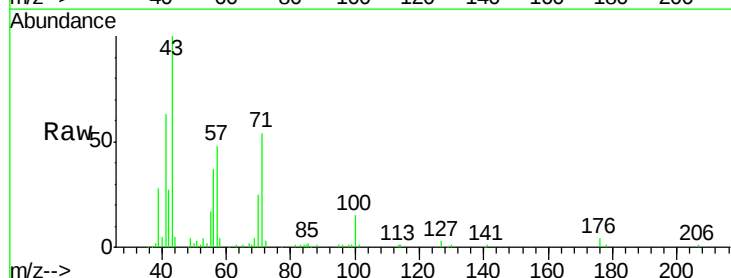
Acq: 6 Aug 2021 13:48

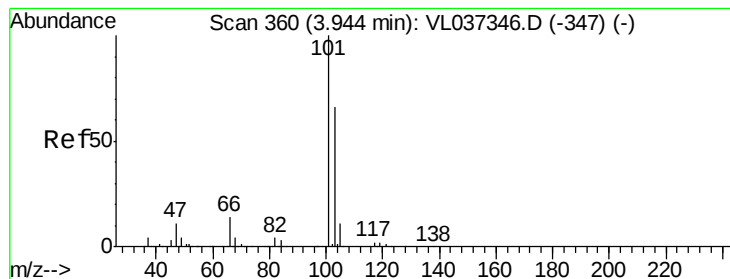
Tgt Ion: 43 Resp: 137508

Ion Ratio Lower Upper

43 100

57 56.2 41.9 62.9





#11

Trichlorofluoromethane

Concen: 1.049 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion:101 Resp: 181698

Ion Ratio Lower Upper

101 100

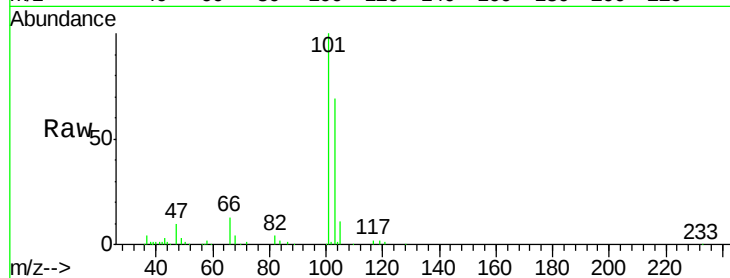
103 69.3 52.5 78.7

Manual Integrations

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.94

100000

80000

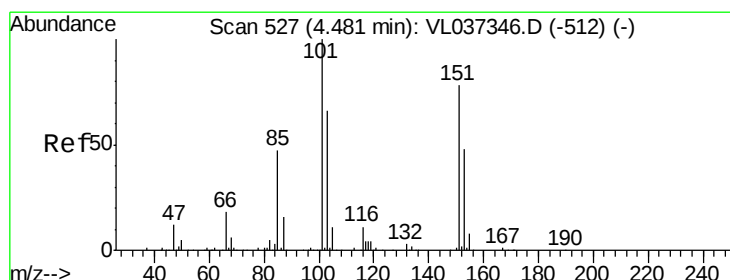
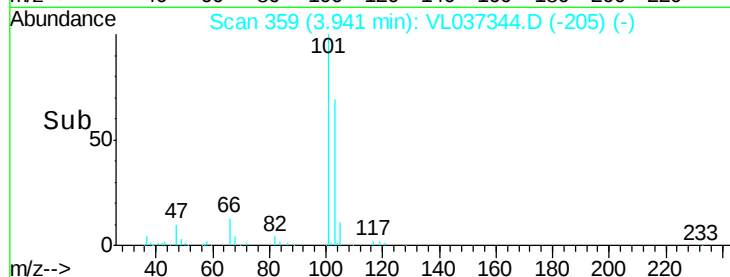
60000

40000

20000

0

Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 1.076 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.00 min

Lab File: VL037344.D

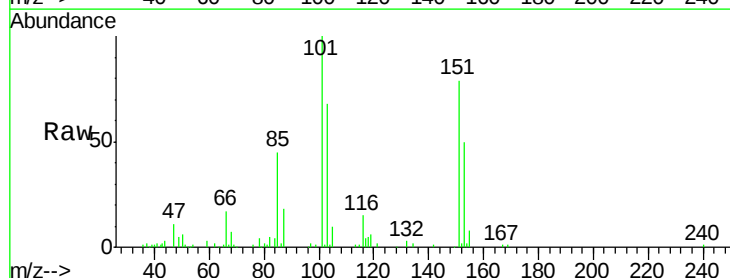
Acq: 6 Aug 2021 13:48

Tgt Ion:101 Resp: 135189

Ion Ratio Lower Upper

101 100

151 78.7 62.4 93.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

4.48

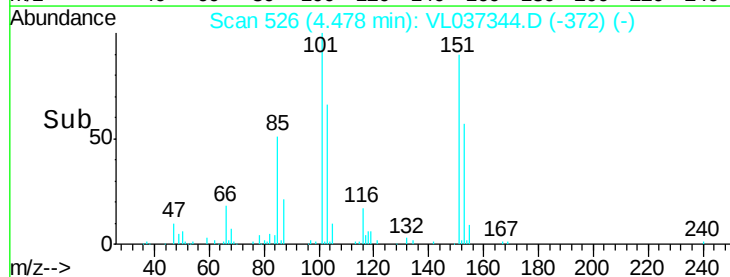
60000

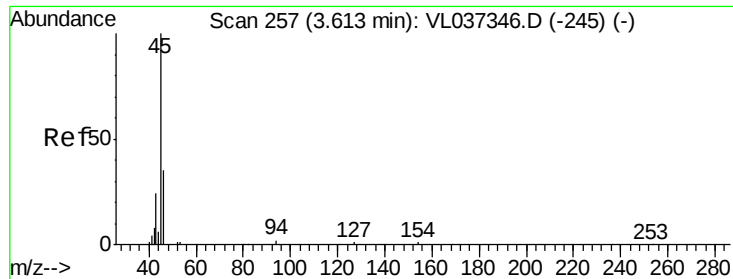
40000

20000

0

Time-->





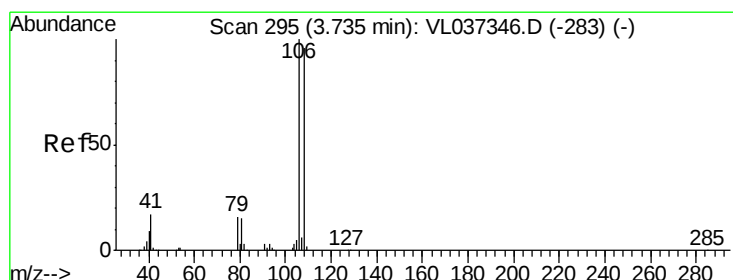
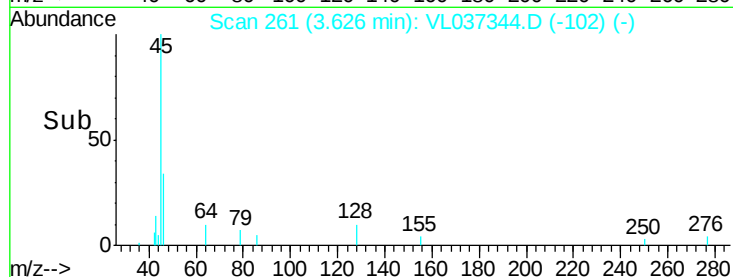
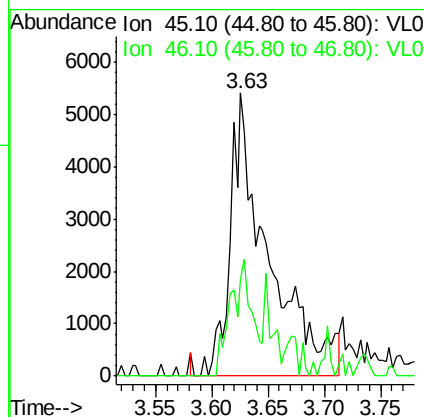
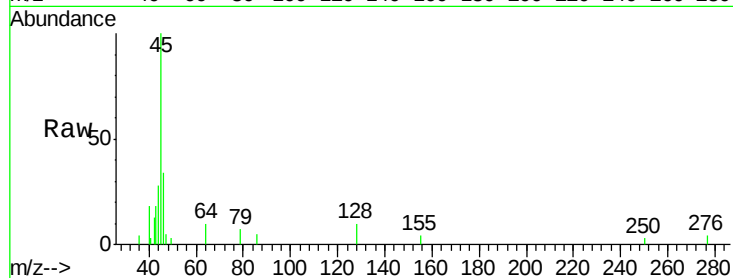
#13
Ethanol
Concen: 1.268 ppbv m
RT: 3.63 min Scan# 261
Delta R.T. 0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 45 Resp: 12652
Ion Ratio Lower Upper
45 100
46 0.0 15.7 62.9#

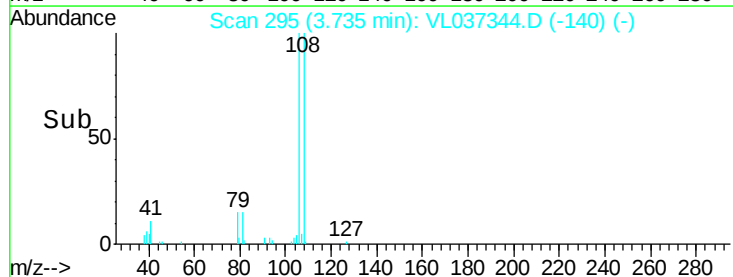
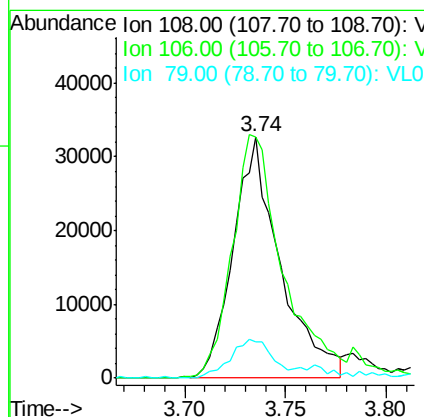
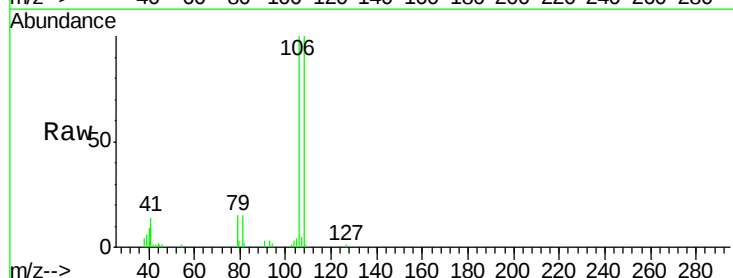
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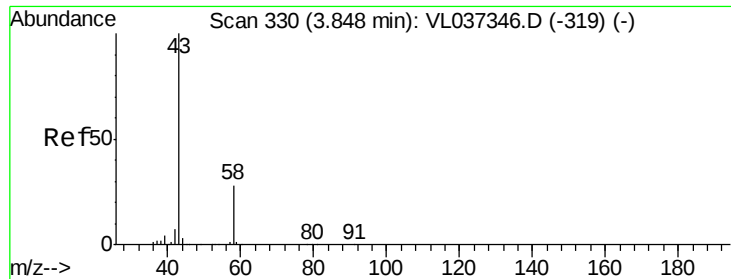
MMDadoda
8/10/2021 6:09:27 PM



#14
Bromoethene
Concen: 0.961 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion: 108 Resp: 53383
Ion Ratio Lower Upper
108 100
106 114.2 86.5 129.7
79 20.0 13.8 20.6





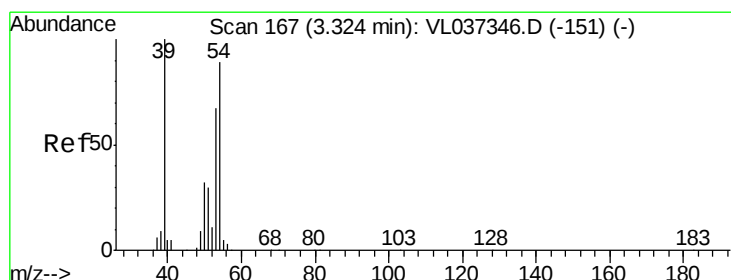
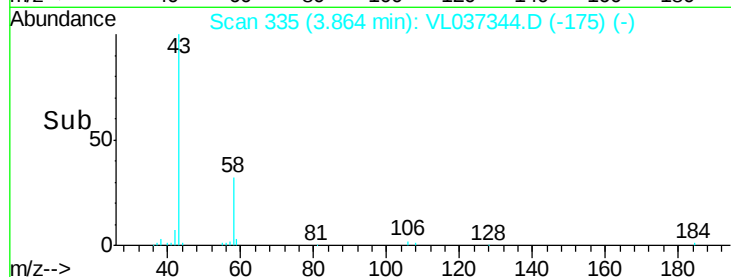
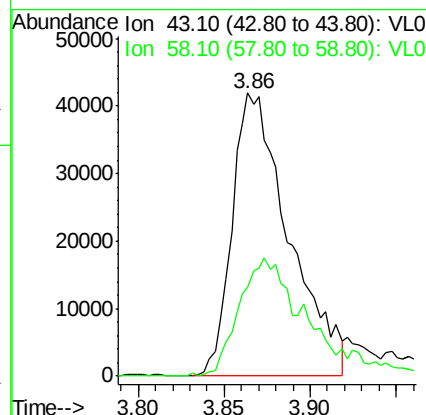
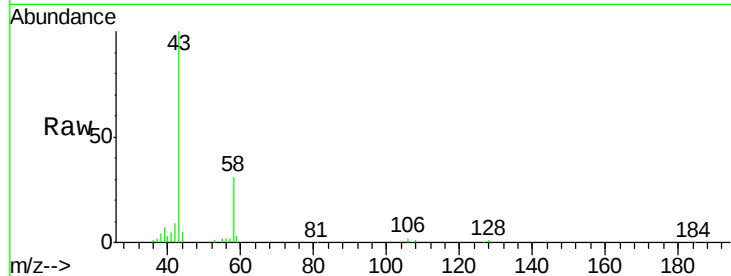
#15
Acetone
Concen: 0.984 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.02 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 96661
Ion Ratio Lower Upper
43 100
58 50.8 24.6 36.8#

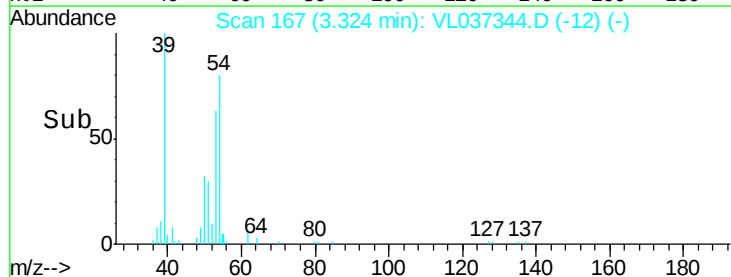
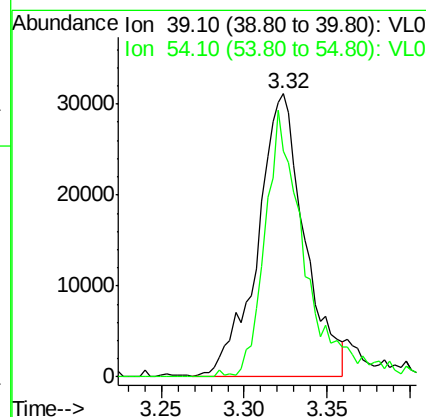
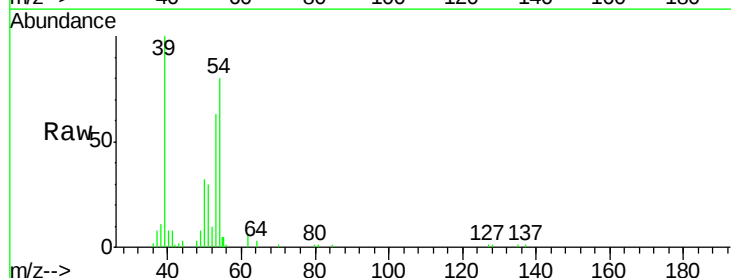
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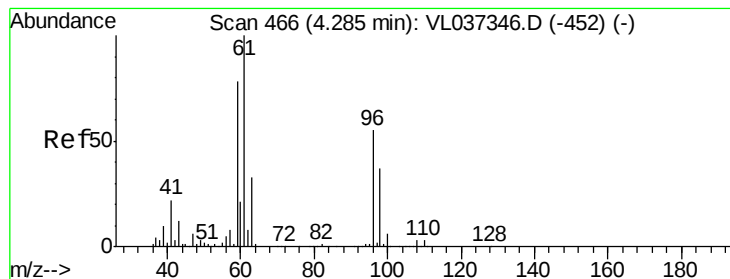
MMDadoda
8/10/2021 6:09:27 PM



#16
1,3-Butadiene
Concen: 0.964 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion: 39 Resp: 61314
Ion Ratio Lower Upper
39 100
54 82.8 64.2 96.4





#17

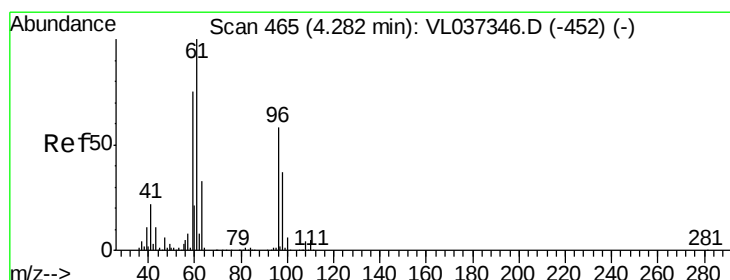
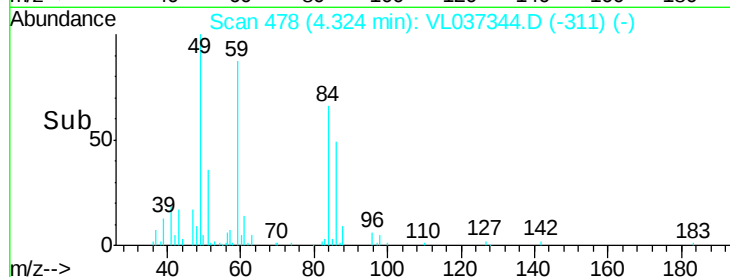
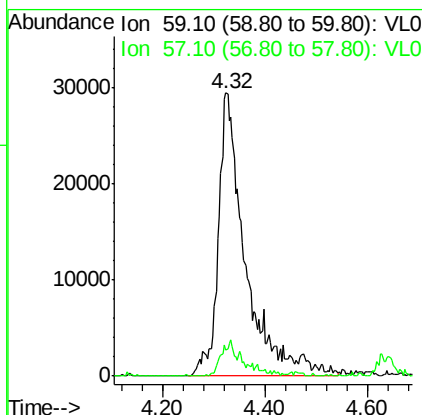
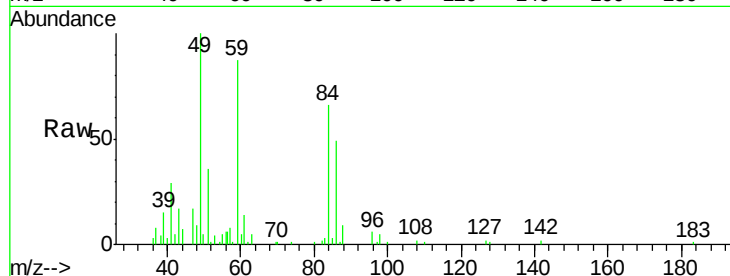
tert-Butyl alcohol
 Concen: 1.097 ppbv
 RT: 4.32 min Scan# 478
 Delta R.T. 0.04 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion: 59 Resp: 108430
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

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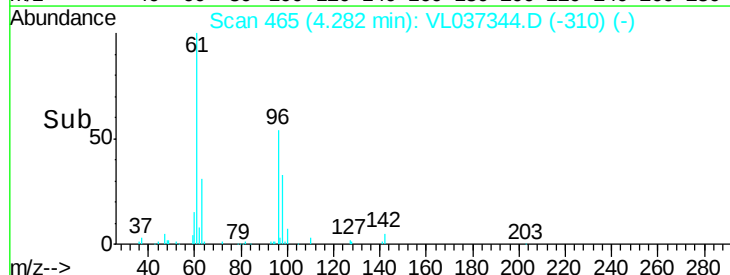
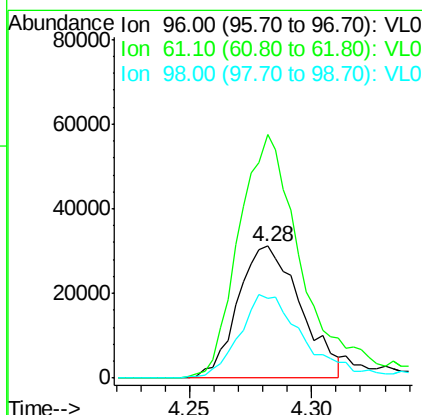
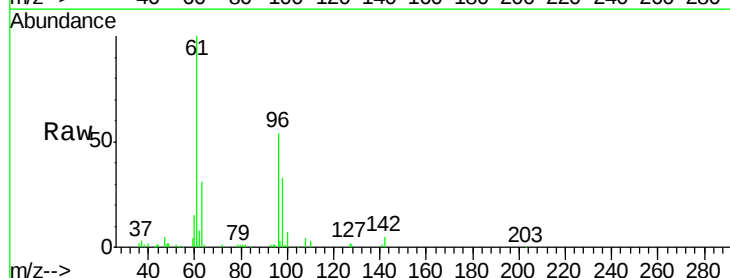
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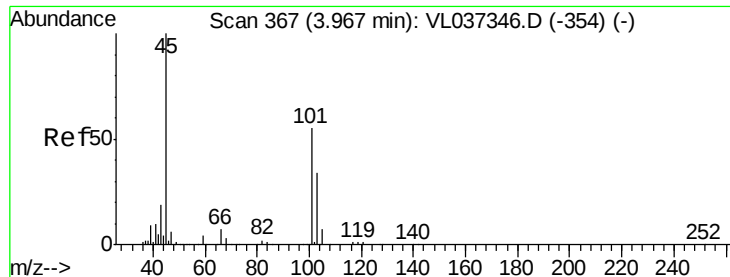


#18

1,1-Dichloroethene
 Concen: 0.972 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Tgt Ion: 96 Resp: 55591
 Ion Ratio Lower Upper
 96 100
 61 183.4 137.0 205.4
 98 60.0 50.4 75.6





#19

Isopropyl Alcohol

Concen: 1.164 ppbv

RT: 4.00 min Scan# 377

Delta R.T. 0.03 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 45 Resp: 63331

Ion Ratio Lower Upper

45 100

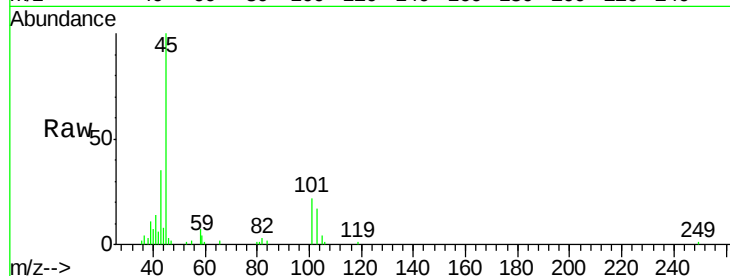
58 7.1 0.0 0.0#

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

20000

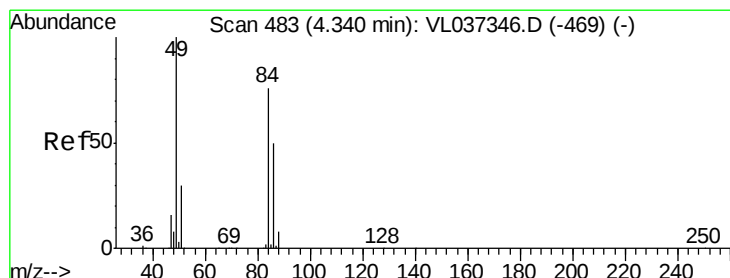
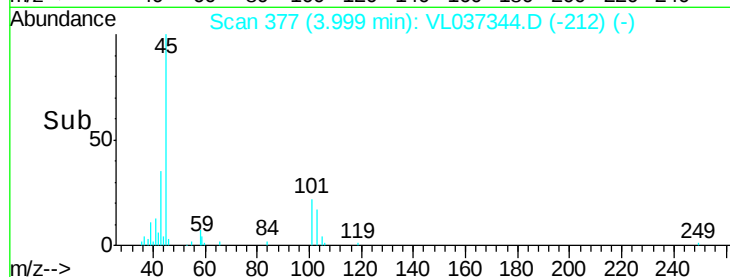
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 1.187 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tgt Ion: 84 Resp: 96588

Ion Ratio Lower Upper

84 100

49 144.5 105.4 158.0

51 44.3 31.1 46.7

86 58.8 52.0 78.0

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

100000

80000

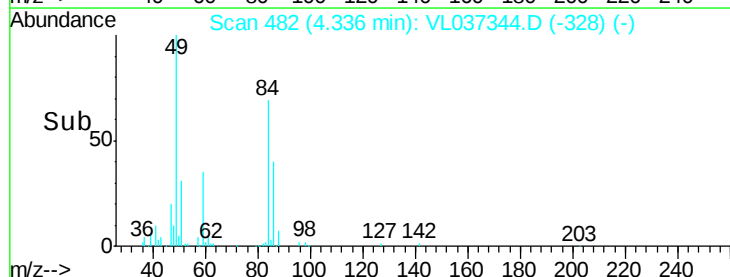
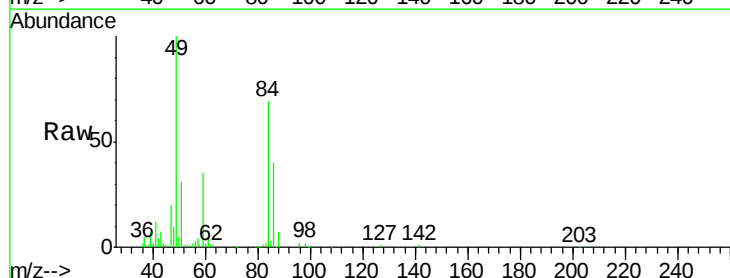
60000

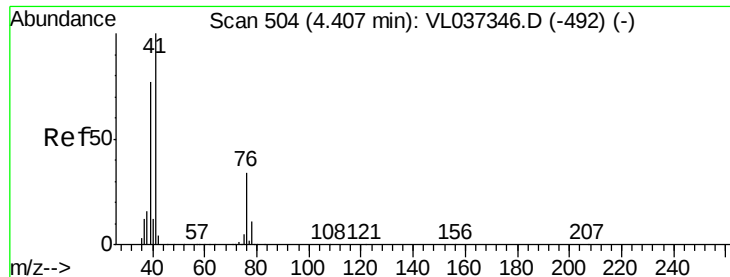
40000

20000

0

Time-->





#21

Allvl Chloride

Concen: 0.923 ppbv

RT: 4.40 min Scan# 503

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

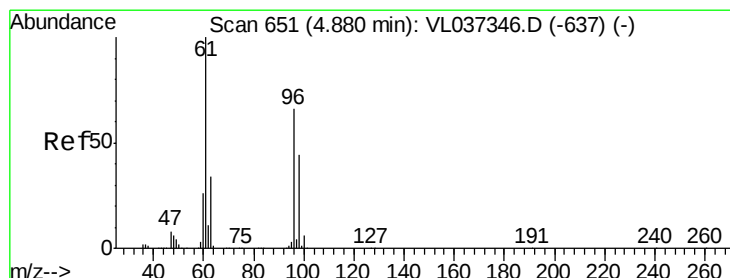
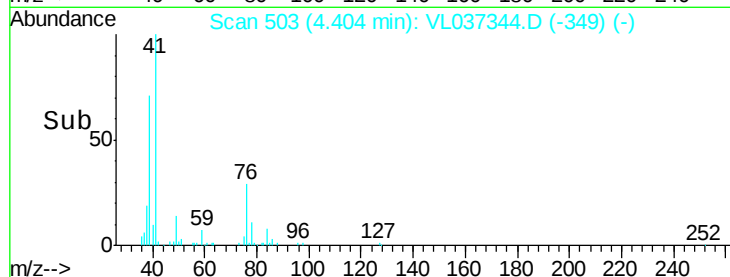
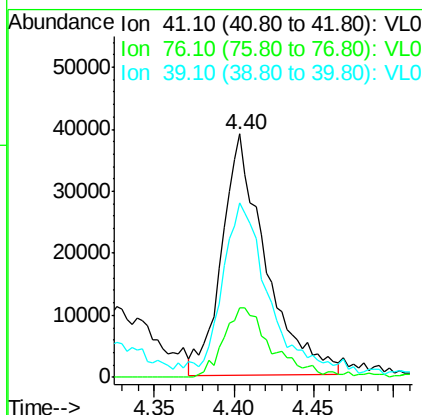
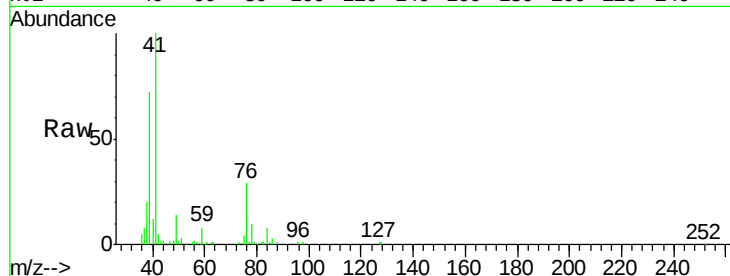
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	73302
Ion	Ratio	Lower	Upper
41	100		
76	31.8	25.8	38.8
39	81.3	61.6	92.4

Manual Integrations
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#22

trans-1,2-Dichloroethene

Concen: 1.023 ppbv

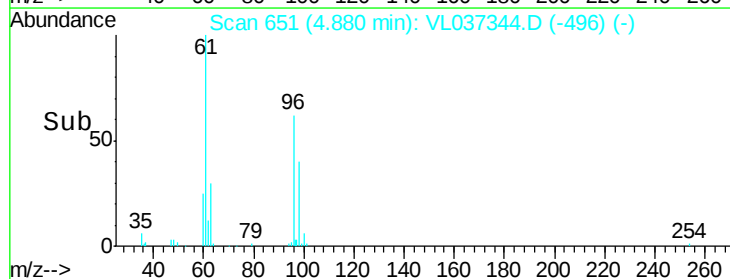
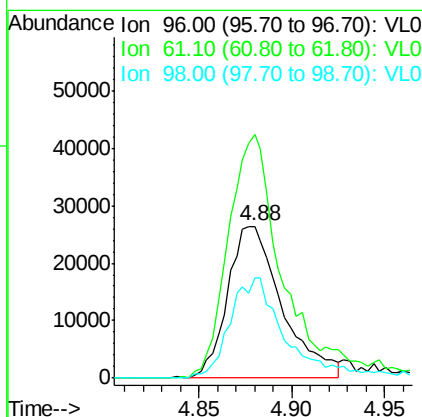
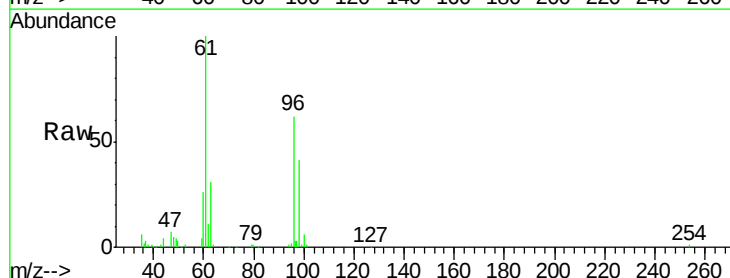
RT: 4.88 min Scan# 651

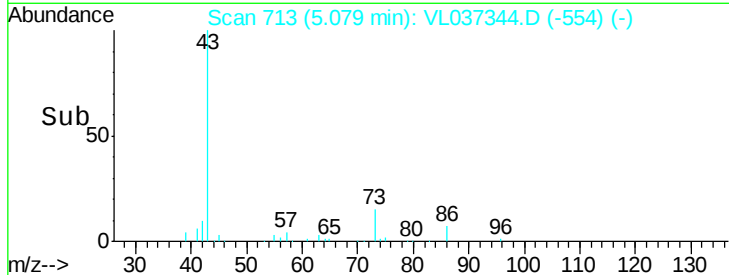
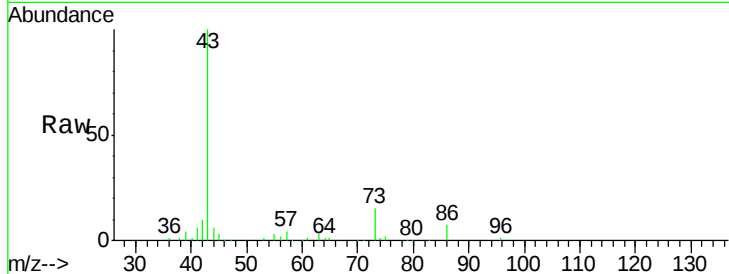
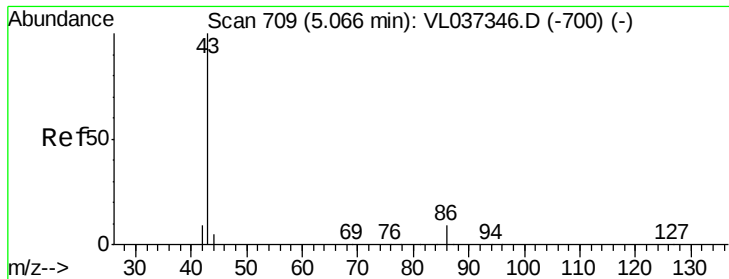
Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tgt Ion:	96	Resp:	53819
Ion	Ratio	Lower	Upper
96	100		
61	160.4	120.6	181.0
98	66.1	53.0	79.6





#23

Vinyl Acetate

Concen: 0.762 ppbv

RT: 5.08 min Scan# 713

Delta R.T. 0.01 min

Lab File: VL037344.D

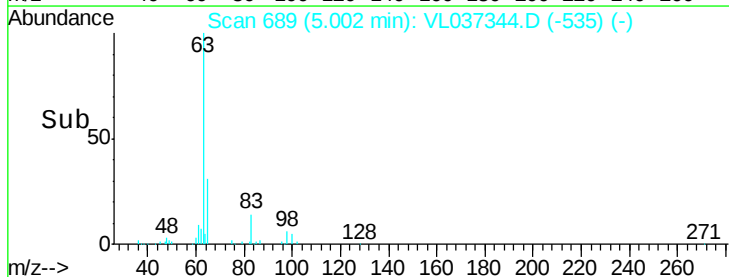
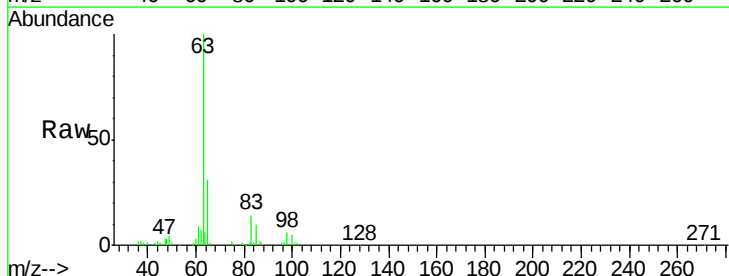
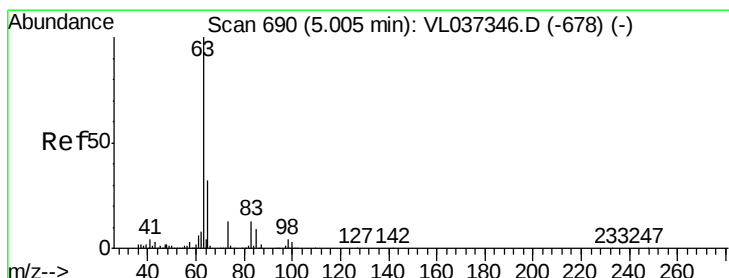
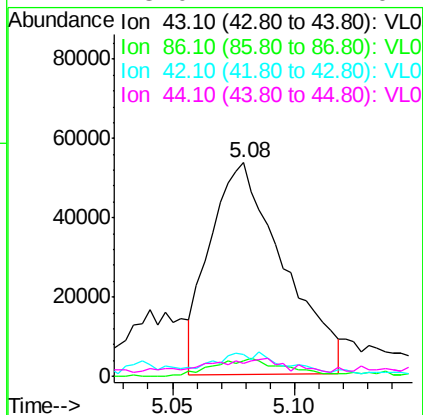
Acq: 6 Aug 2021 13:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
86	7.3	6.2	9.4		
42	8.3	8.3	12.5		
44	3.0	4.1	6.1		

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 0.881 ppbv

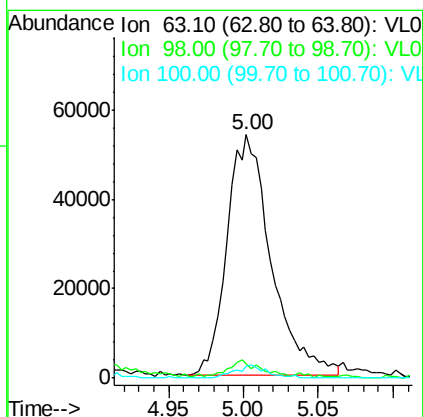
RT: 5.00 min Scan# 689

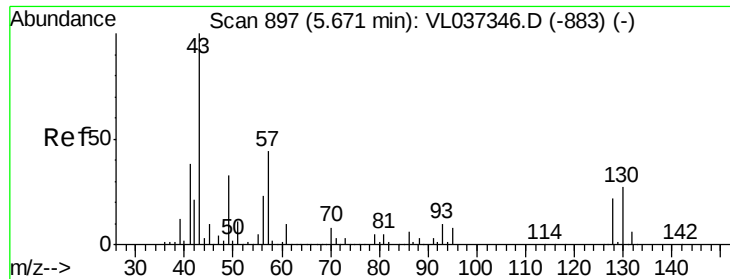
Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	5.4	2.3	6.8		
100	4.9	1.4	4.0		





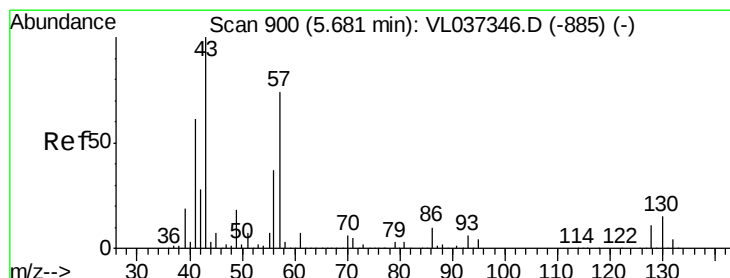
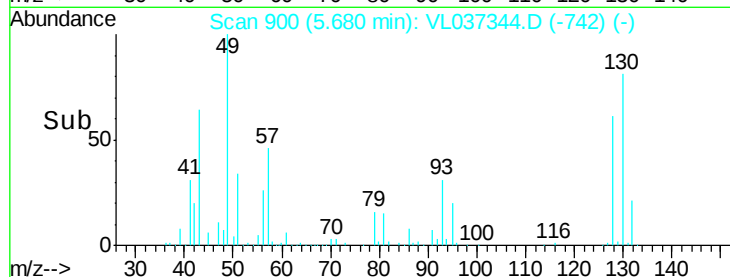
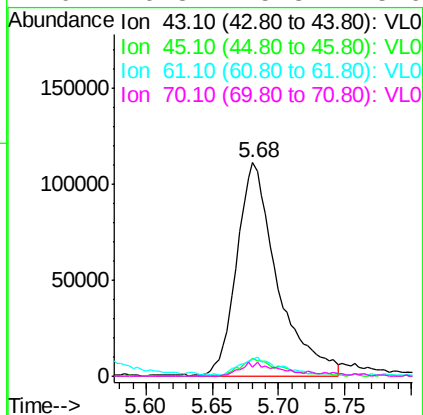
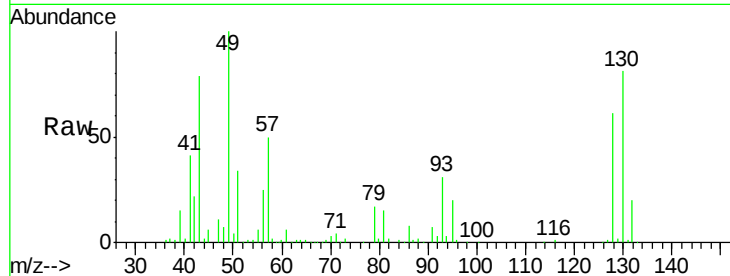
#25
Ethyl Acetate
Concen: 0.924 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		235377		
45	9.2	7.4	11.2		
61	10.6	8.5	12.7		
70	6.3	5.8	8.6		

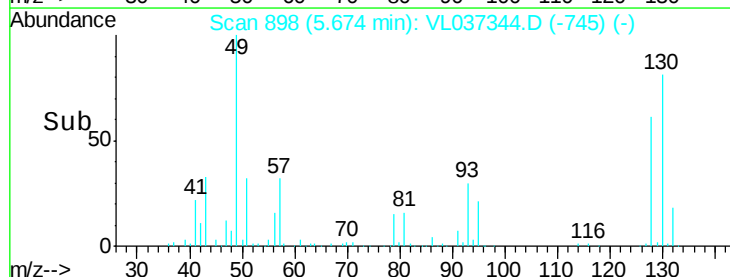
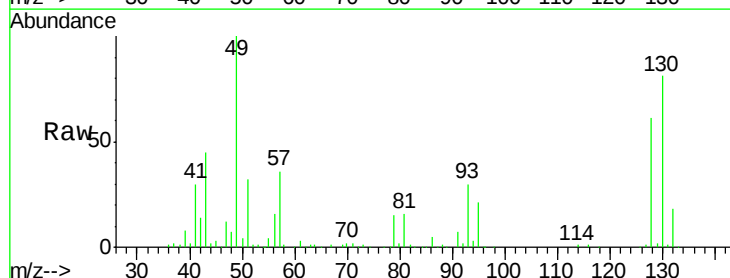
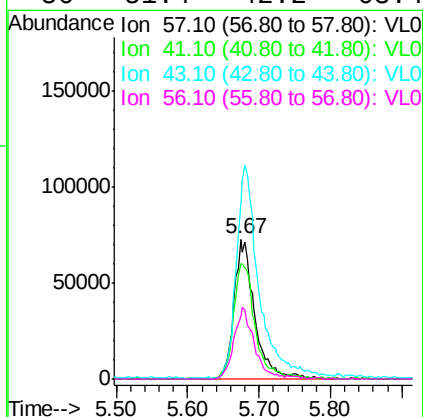
Manual Integrations
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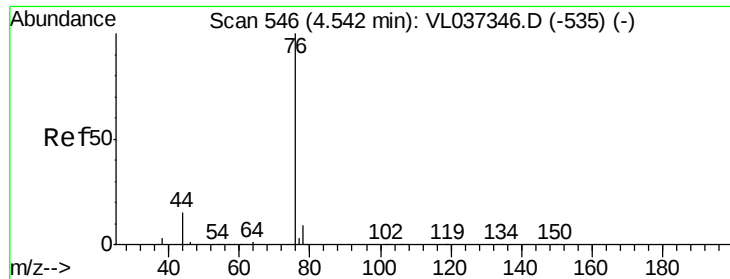
MMDadoda
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#26
Hexane
Concen: 1.036 ppbv m
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100		147360		
41	0.0	68.7	103.1#		
43	169.0	162.6	244.0		
56	51.4	42.2	63.4		





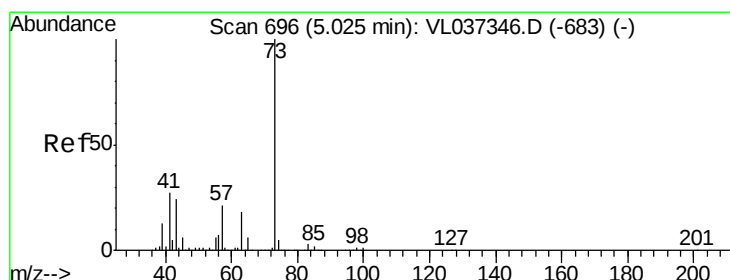
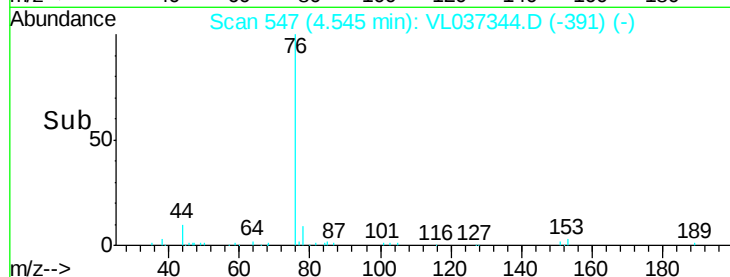
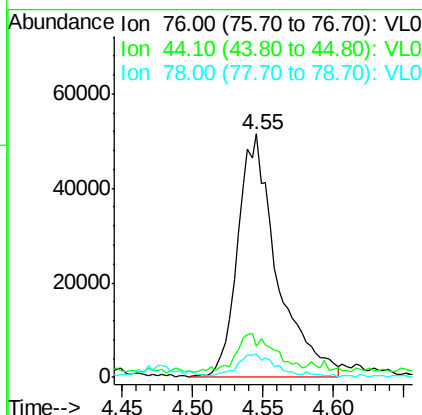
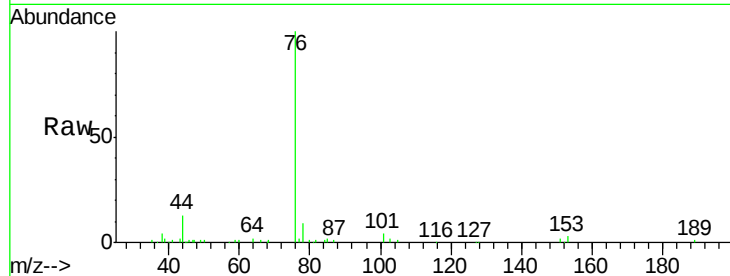
#27
Carbon Disulfide
Concen: 0.858 ppbv
RT: 4.55 min Scan# 547
Delta R.T. 0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion:	76	Resp:	100844
Ion	Ratio	Lower	Upper
76	100		
44	18.8	13.2	19.8
78	10.6	8.0	12.0

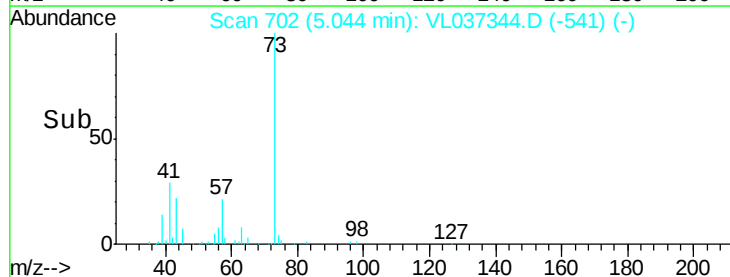
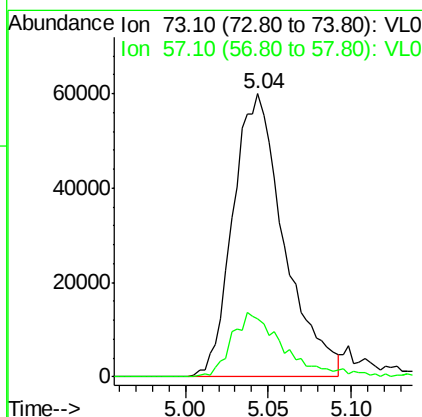
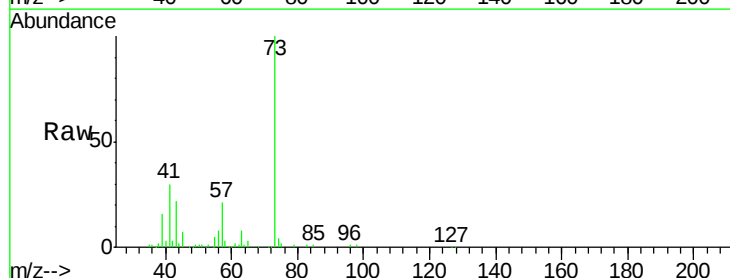
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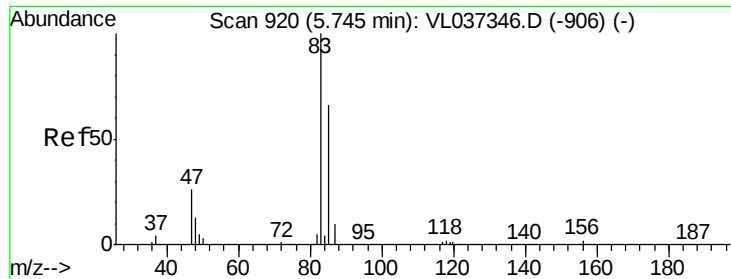
MMDadoda
8/10/2021 6:09:27 PM



#28
Methyl tert-Butyl Ether
Concen: 0.863 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.02 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion:	73	Resp:	128414
Ion	Ratio	Lower	Upper
73	100		
57	23.8	17.9	26.9





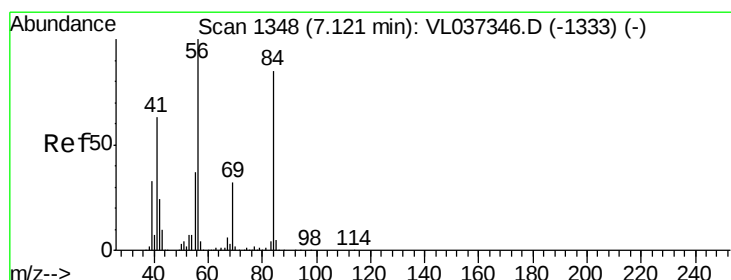
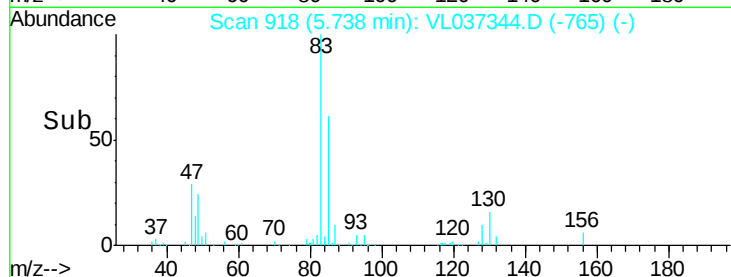
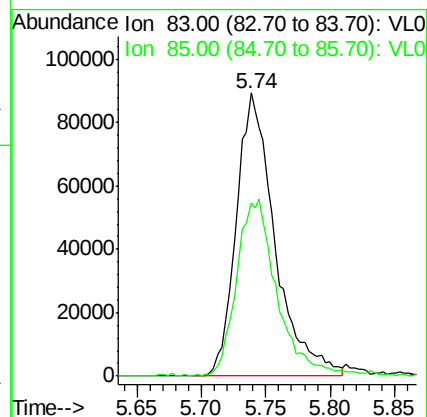
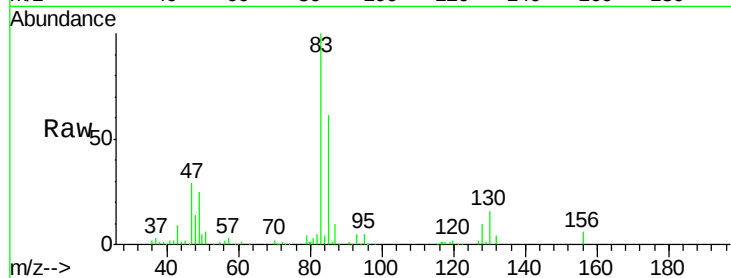
#29
Chloroform
Concen: 1.018 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 186370
Ion Ratio Lower Upper
83 100
85 60.8 53.1 79.7

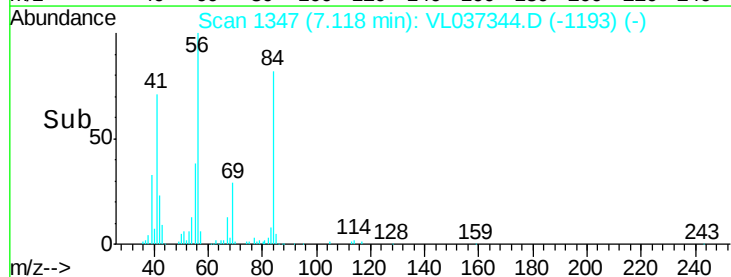
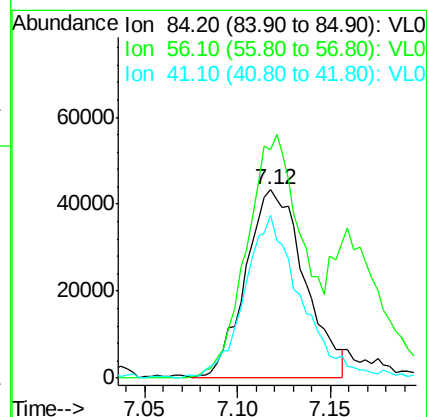
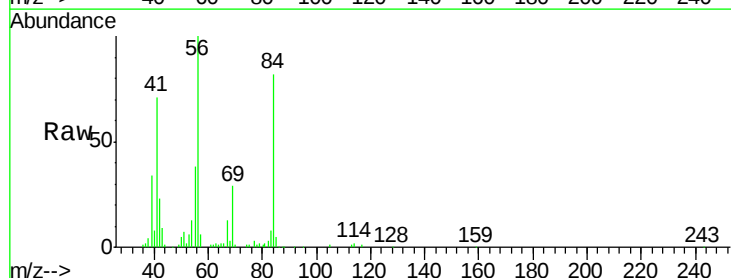
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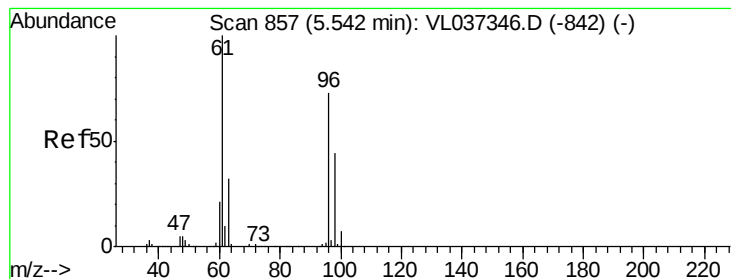
MMDadoda
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#30
Cyclohexane
Concen: 0.874 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion: 84 Resp: 96345
Ion Ratio Lower Upper
84 100
56 121.7 103.3 154.9
41 83.0 61.4 92.0





#31

cis-1,2-Dichloroethene

Concen: 0.858 ppbv

RT: 5.54 min Scan# 857

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

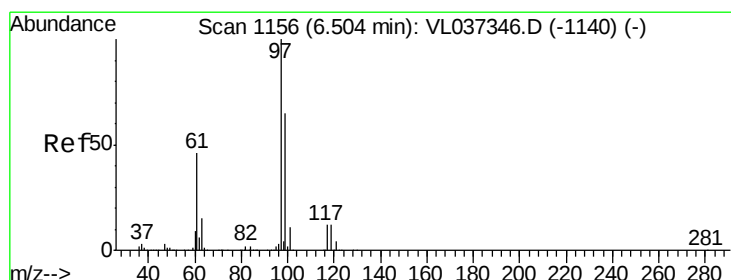
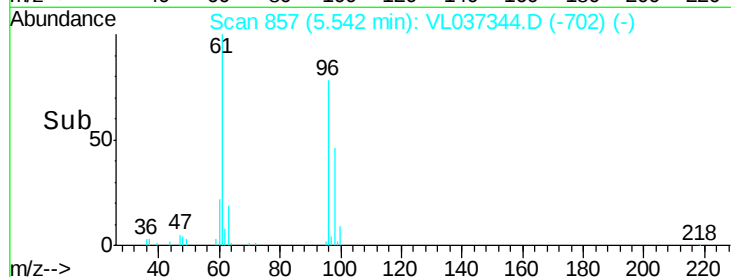
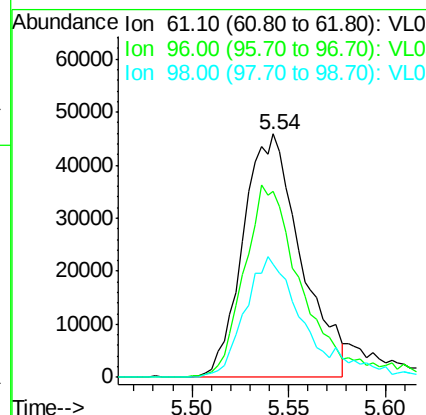
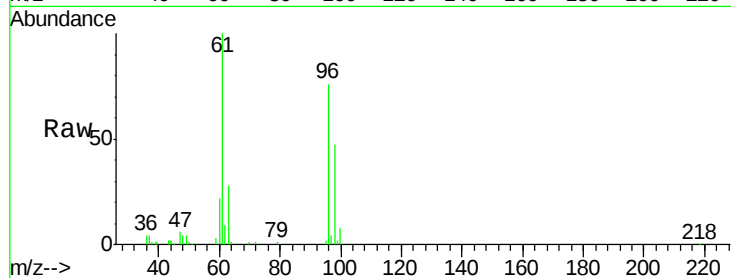
ClientSampleId :

VSTDIC001

Tot Ion:	61	Resp:	95449
Ion	Ratio	Lower	Upper
61	100		
96	75.8	58.5	87.7
98	46.6	35.1	52.7

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#32

1,1,1-Trichloroethane

Concen: 1.009 ppbv

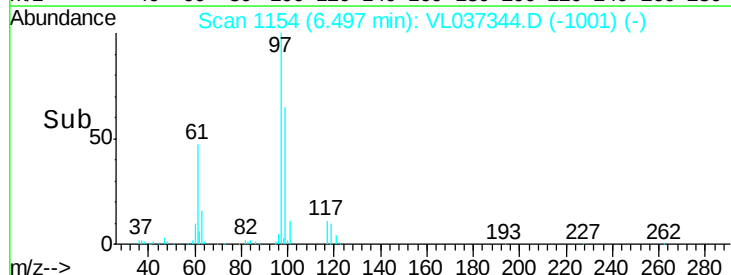
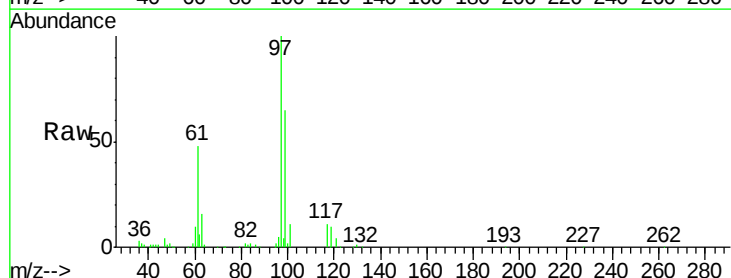
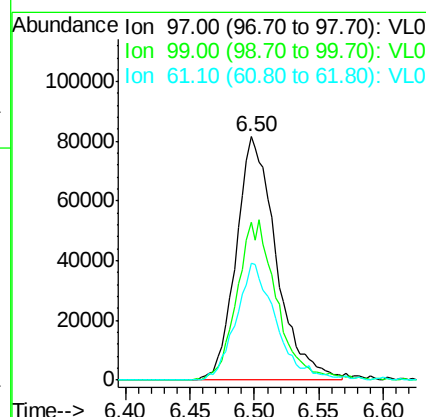
RT: 6.50 min Scan# 1154

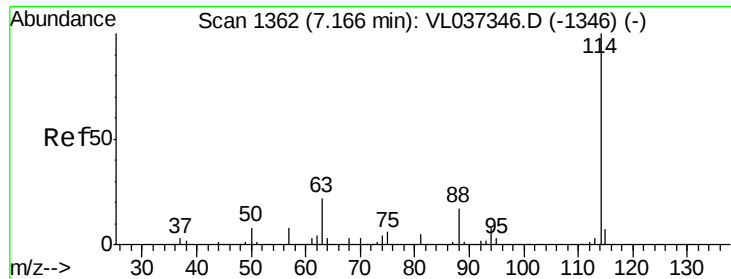
Delta R.T. -0.01 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tgt Ion:	97	Resp:	176190
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.8	77.6
61	48.7	37.0	55.4





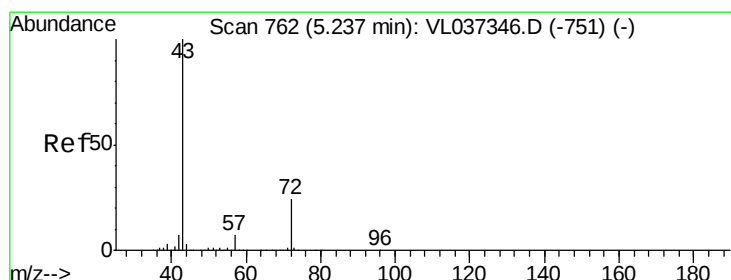
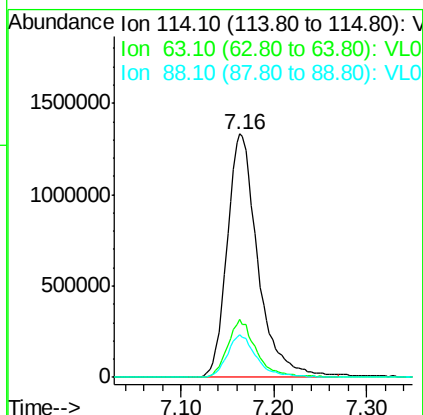
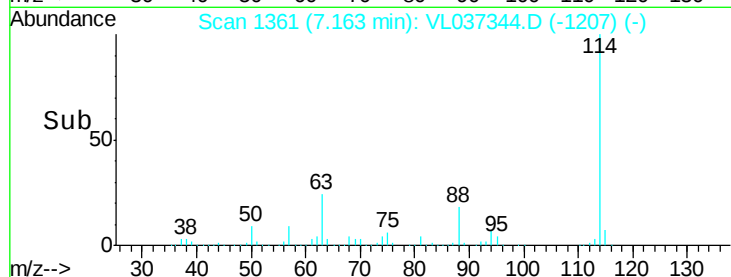
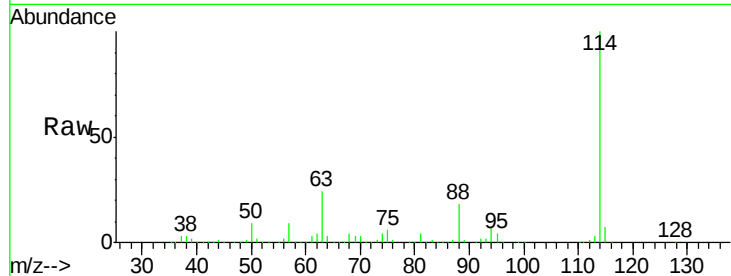
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion:114 Resp: 3061913
 Ion Ratio Lower Upper
 114 100
 63 22.4 17.9 26.9
 88 17.1 13.4 20.2

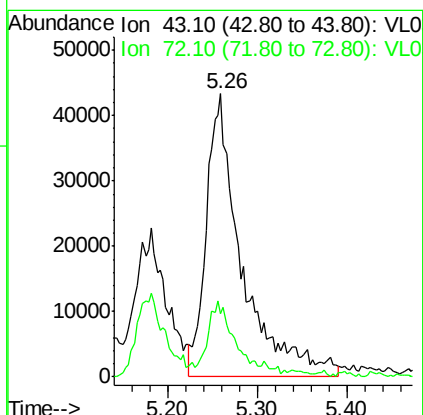
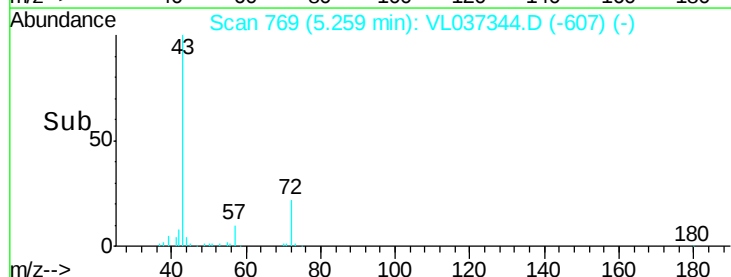
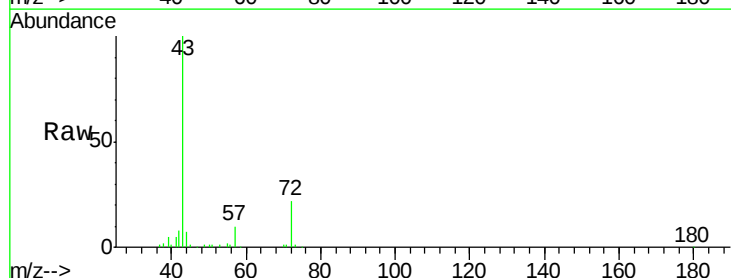
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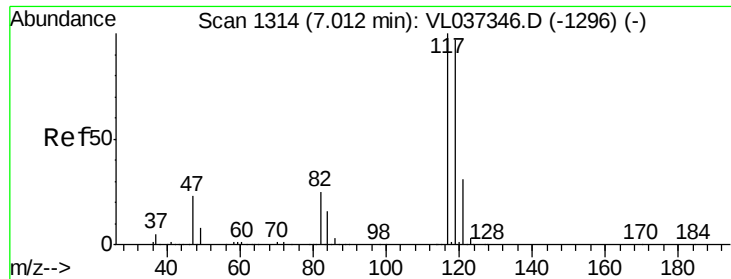
MMDadoda
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#34
 2-Butanone
 Concen: 1.128 ppbv m
 RT: 5.26 min Scan# 769
 Delta R.T. 0.02 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Tgt Ion: 43 Resp: 119307
 Ion Ratio Lower Upper
 43 100
 72 23.8 20.2 30.2





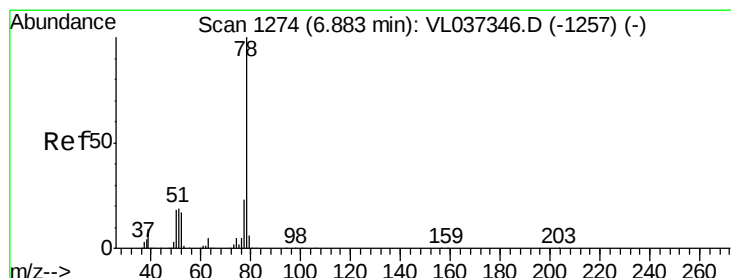
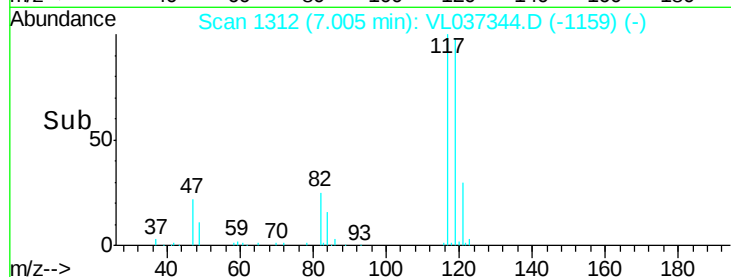
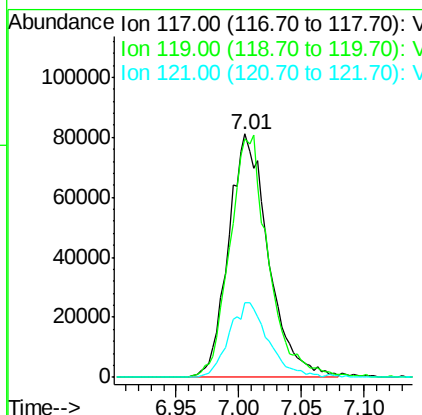
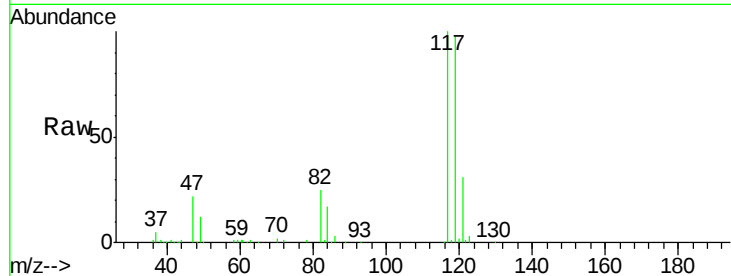
#35
Carbon Tetrachloride
Concen: 0.960 ppbv
RT: 7.01 min Scan# 1312
Delta R.T. -0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.8	116.8
121	30.8	24.6	36.8

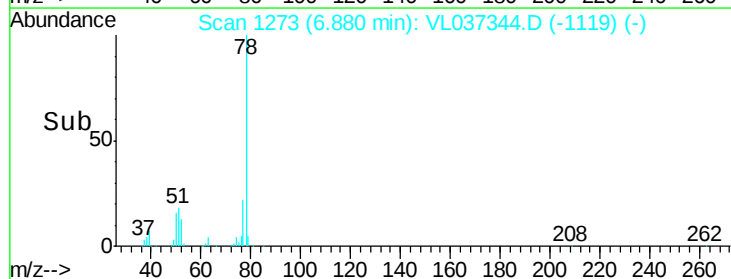
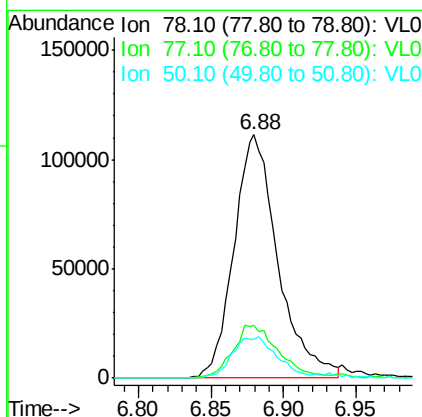
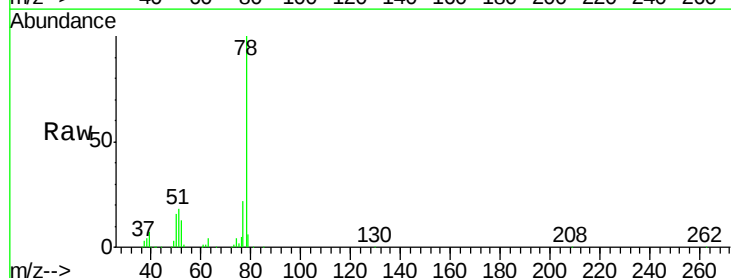
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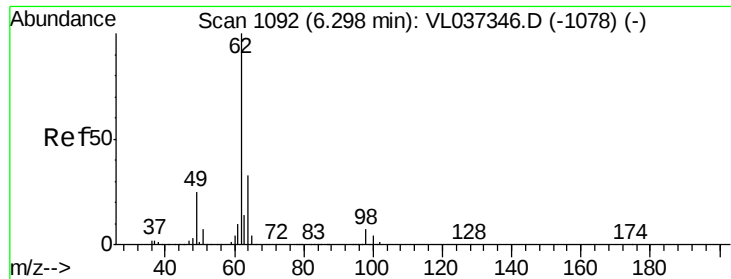
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#36
Benzene
Concen: 0.850 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.7	28.1
50	15.7	14.6	22.0





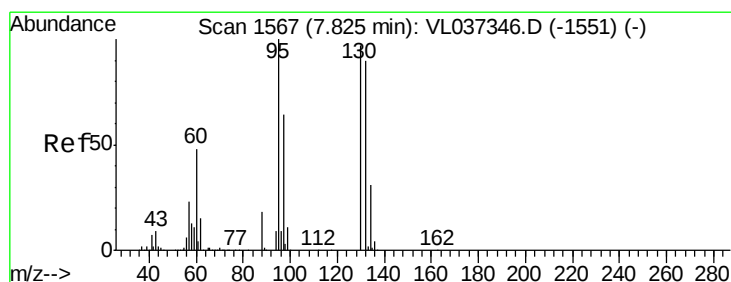
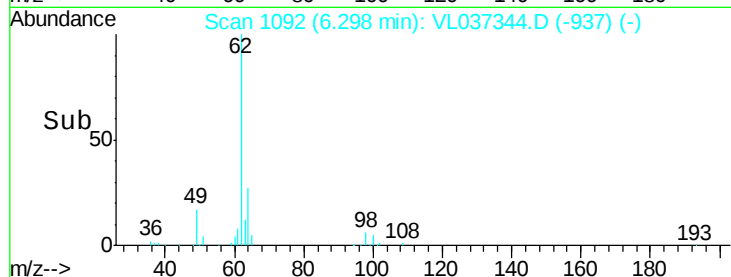
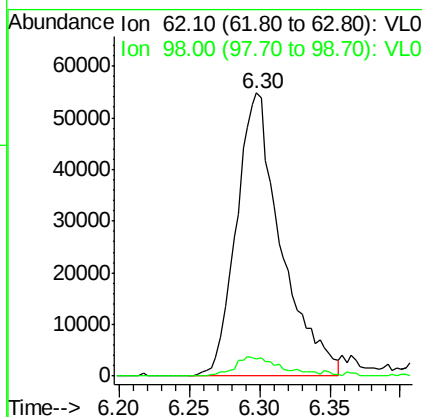
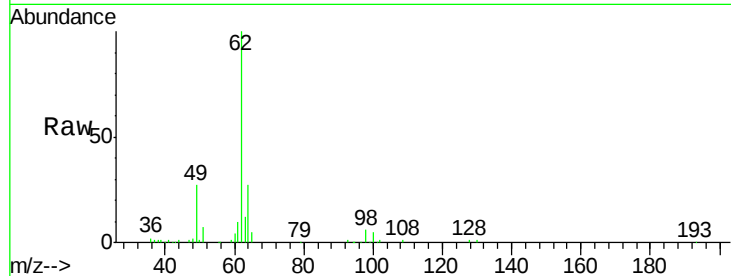
#37
1,2-Dichloroethane
Concen: 0.941 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.8	5.6	8.4

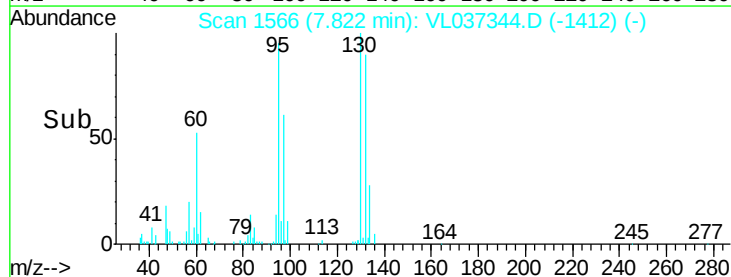
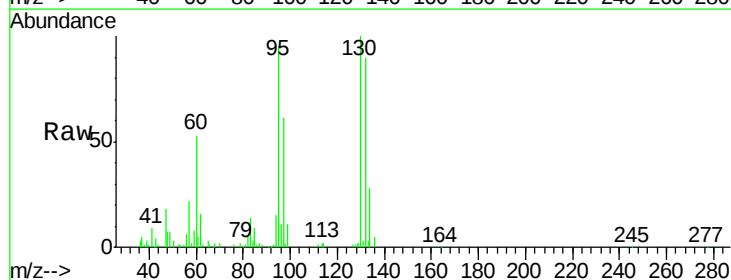
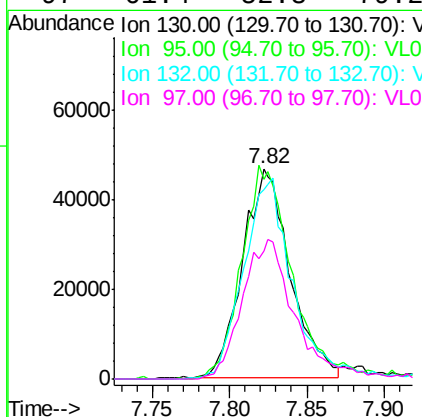
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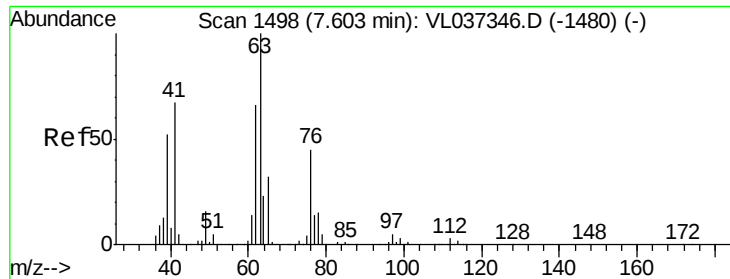
MMDadoda
8/10/2021 6:09:27 PM



#38
Trichloroethene
Concen: 0.819 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	82.8	124.2
132	90.1	74.9	112.3
97	61.4	52.8	79.2





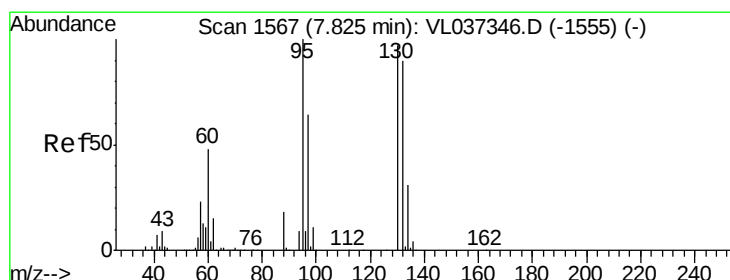
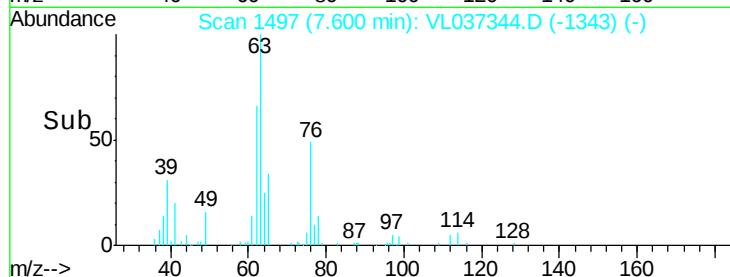
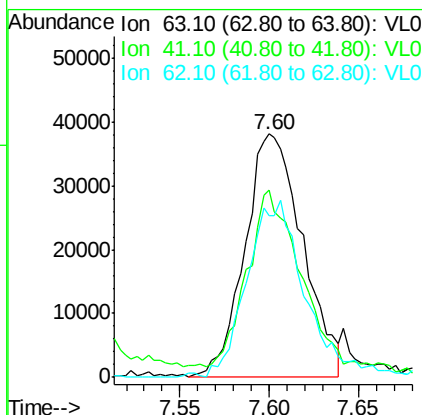
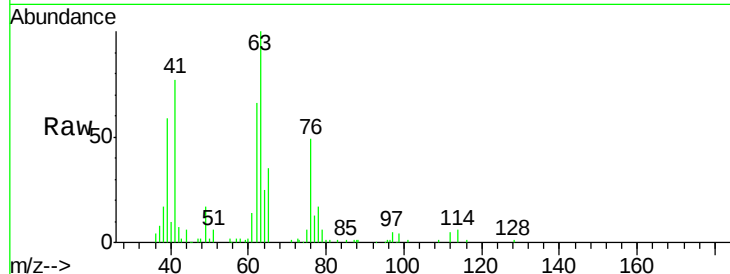
#39
 1,2-Dichloropropane
 Concen: 0.838 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
41	71.9	53.9	80.9
62	64.7	53.0	79.6

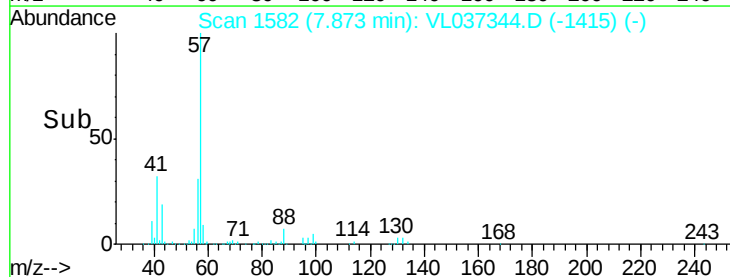
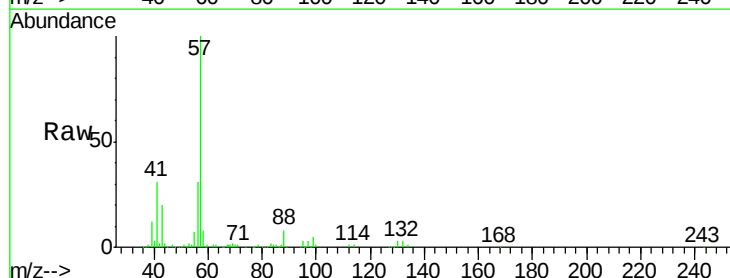
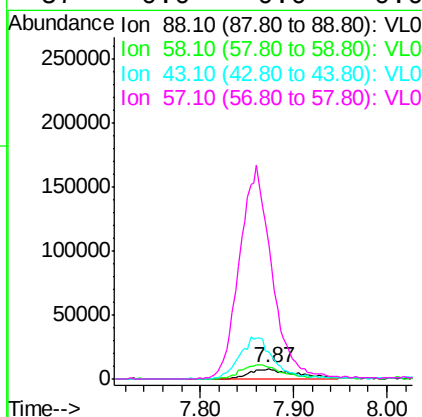
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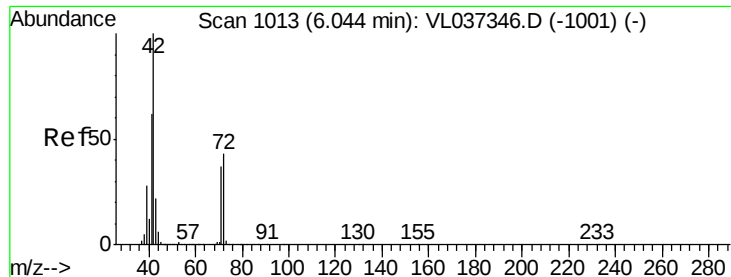
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 8/10/2021 6:09:27 PM



#40
 1,4-Dioxane
 Concen: 0.947 ppbv m
 RT: 7.87 min Scan# 1582
 Delta R.T. 0.04 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





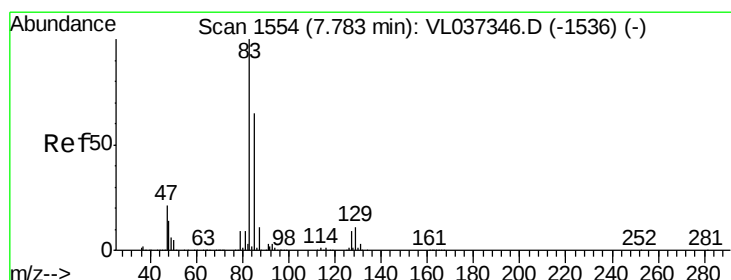
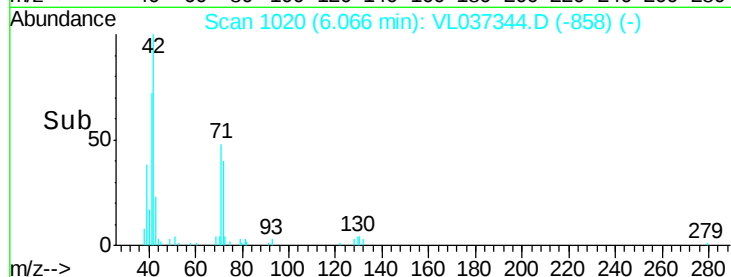
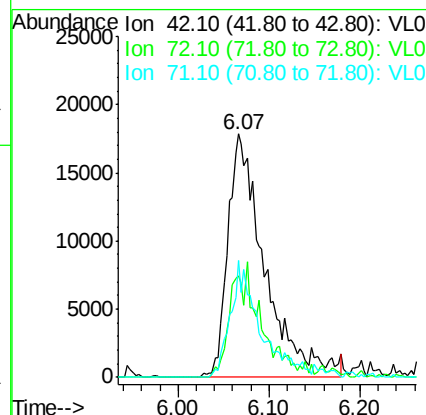
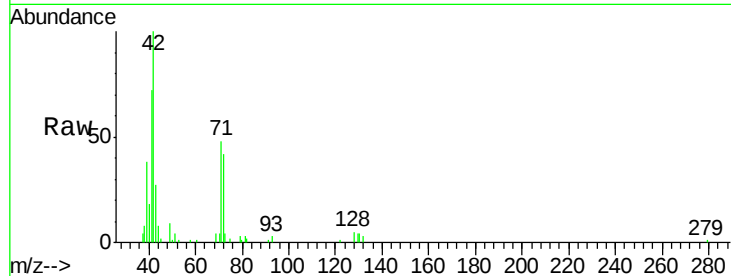
#41
Tetrahydrofuran
Concen: 0.860 ppbv m
RT: 6.07 min Scan# 1020
Delta R.T. 0.02 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	35.6	53.4
71	40.9	33.8	50.6

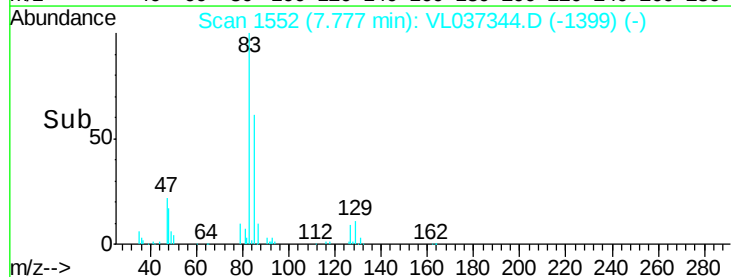
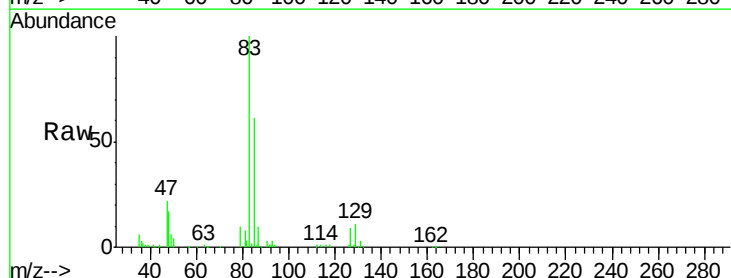
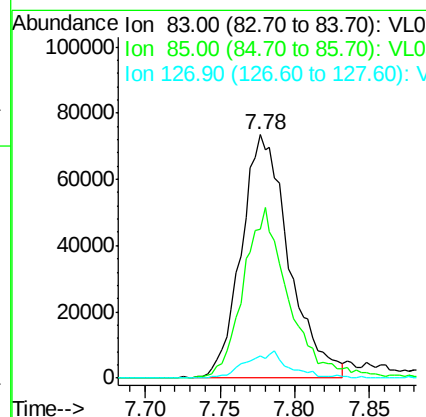
Manual Integrations
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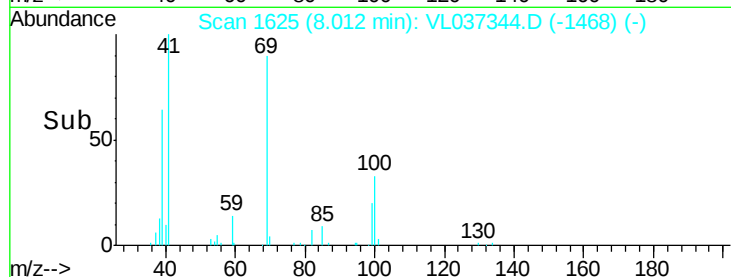
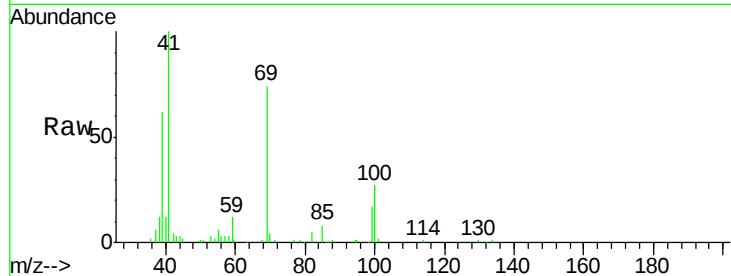
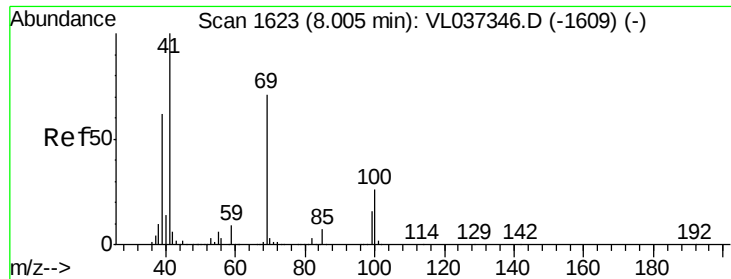
MMDadoda
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#42
Bromodichloromethane
Concen: 0.841 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.0	52.1	78.1
127	9.2	7.0	10.6





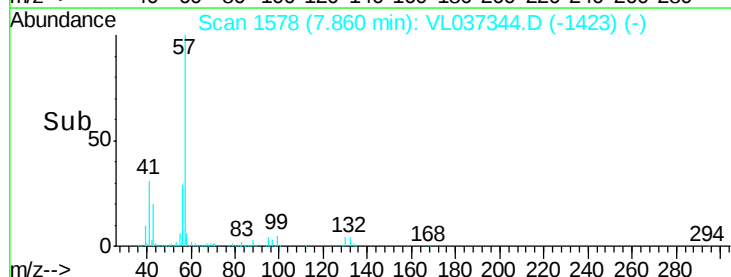
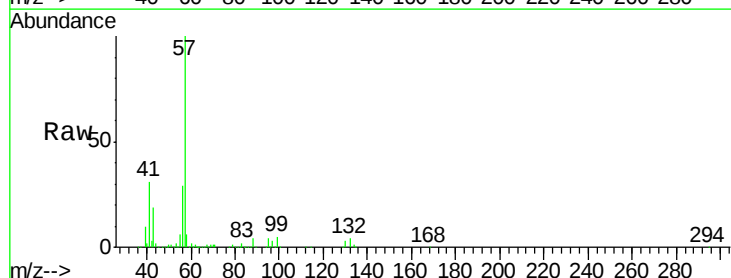
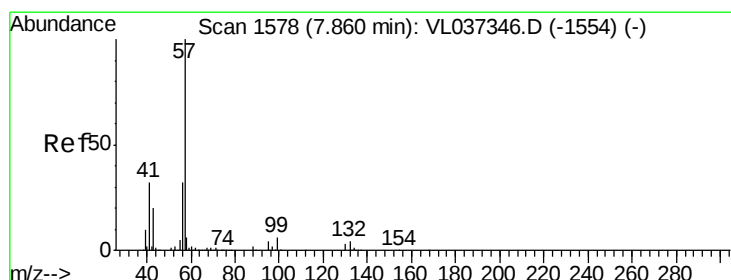
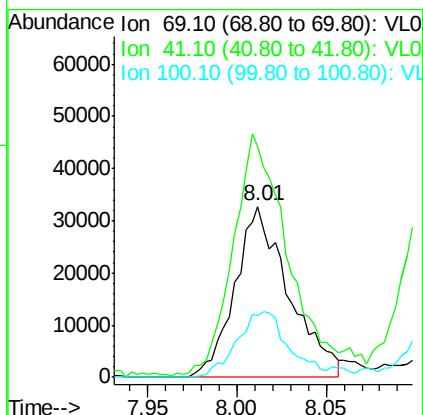
#43
Methvl Methacrylate
Concen: 0.735 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. 0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tot Ion	Ratio	Lower	Upper
69	100		
41	148.0	115.0	172.4
100	39.2	30.1	45.1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

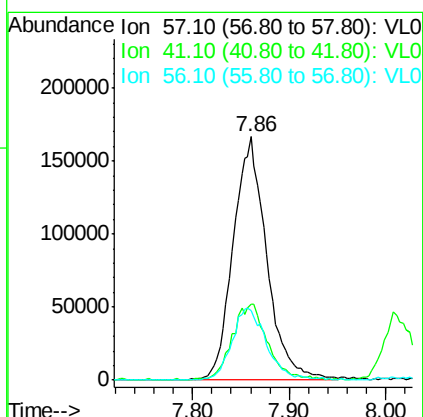
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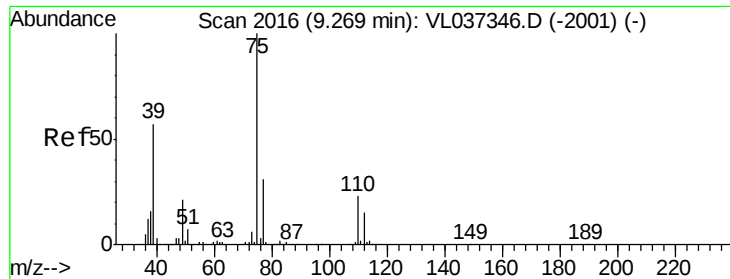
MMDadoda
8/10/2021 6:09:27 PM



#44
2,2,4-Trimethylpentane
Concen: 0.879 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
57	100		
41	32.6	26.1	39.1
56	31.0	25.0	37.4





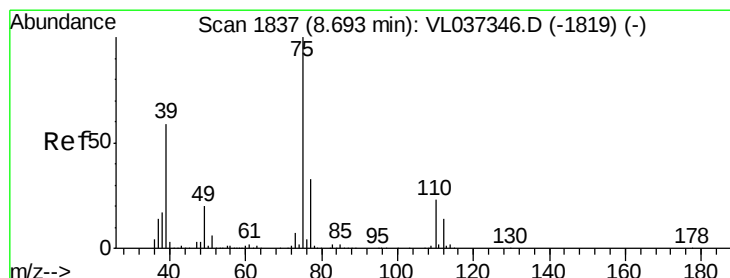
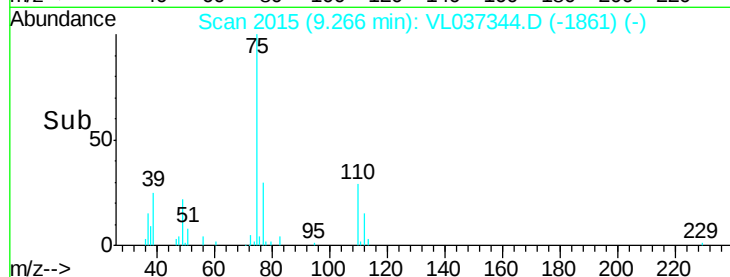
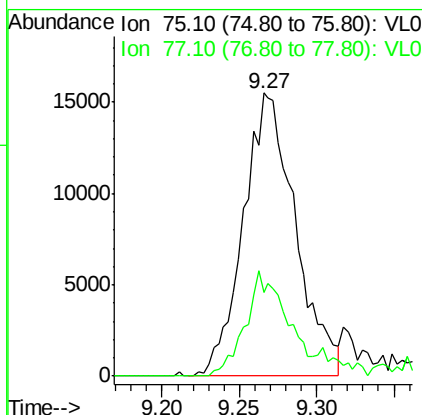
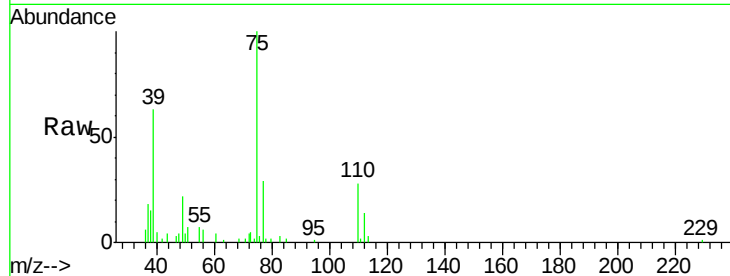
#45
t-1,3-Dichloropropene
Concen: 0.513 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 36318
Ion Ratio Lower Upper
75 100
77 29.4 24.7 37.1

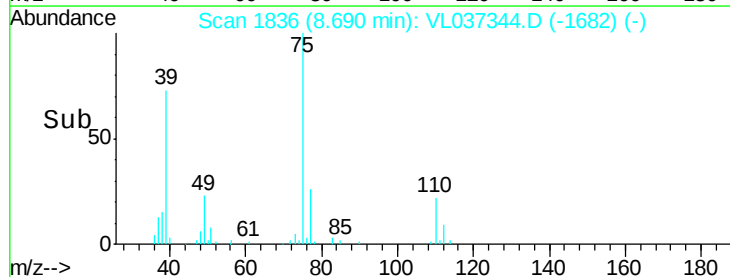
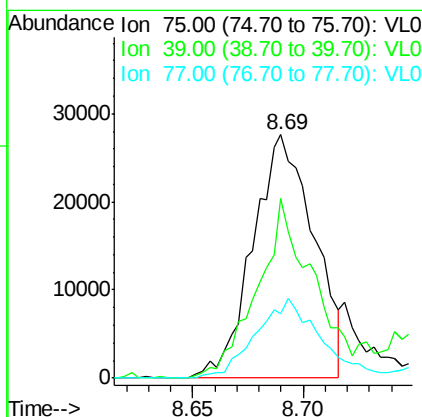
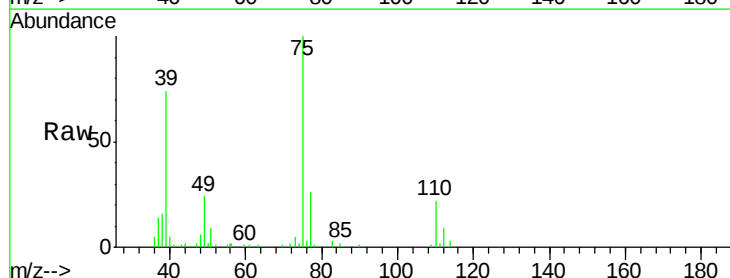
Manual Integrations
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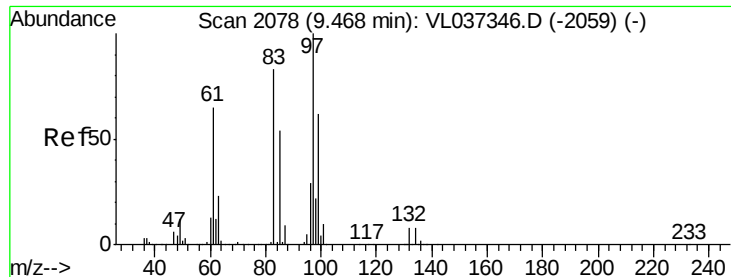
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 0.519 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion: 75 Resp: 53004
Ion Ratio Lower Upper
75 100
39 74.0 47.2 70.8#
77 26.3 26.2 39.4





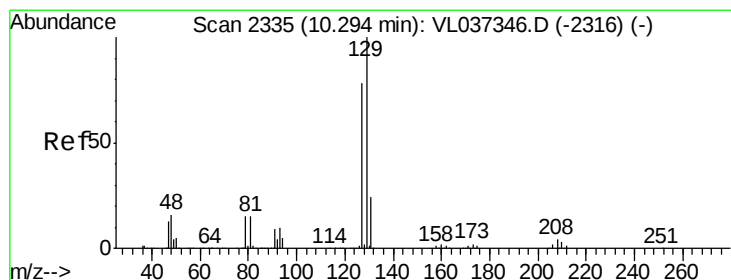
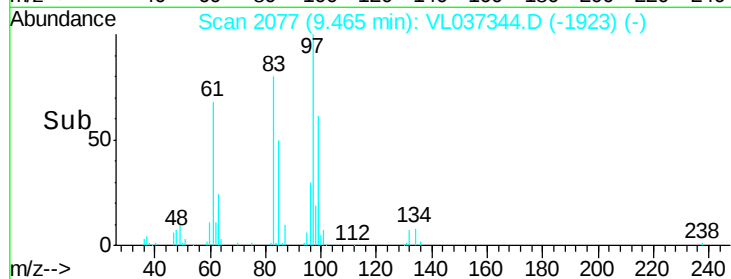
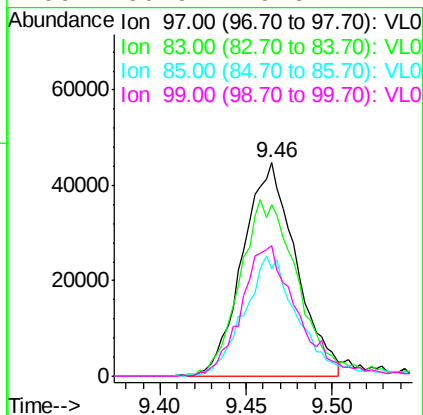
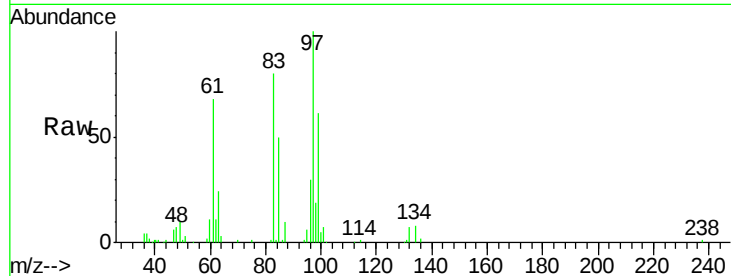
#47
 1,1,2-Trichloroethane
 Concen: 0.874 ppbv
 RT: 9.46 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	97	Resp	96803
Ion	Ratio	Lower	Upper
97	100		
83	79.1	66.1	99.1
85	49.5	43.1	64.7
99	60.9	49.6	74.4

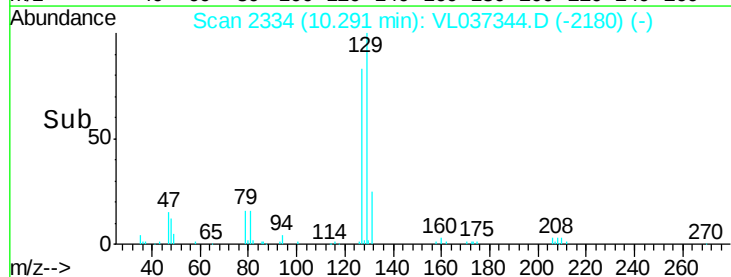
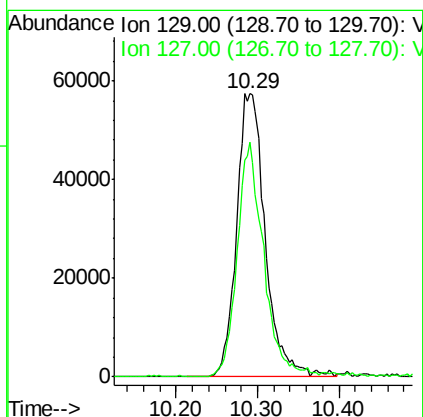
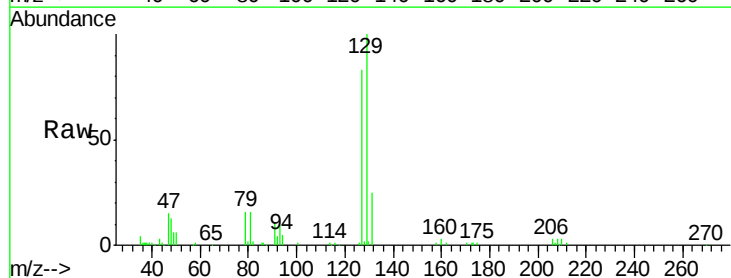
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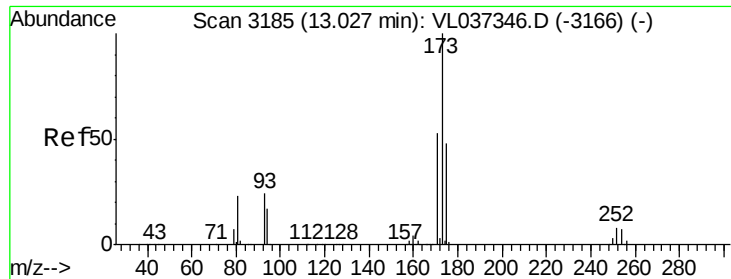
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#48
 Dibromochloromethane
 Concen: 0.831 ppbv m
 RT: 10.29 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Tgt Ion	129	Resp	138449
Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.3	117.8





#49

Bromoform

Concen: 0.725 ppbv

RT: 13.02 min Scan# 3184

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

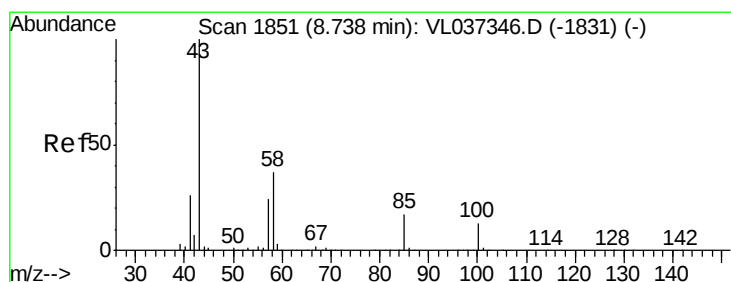
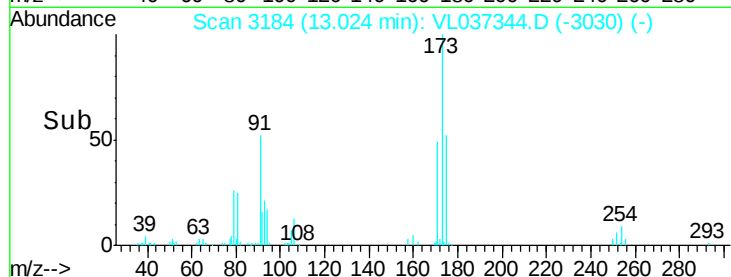
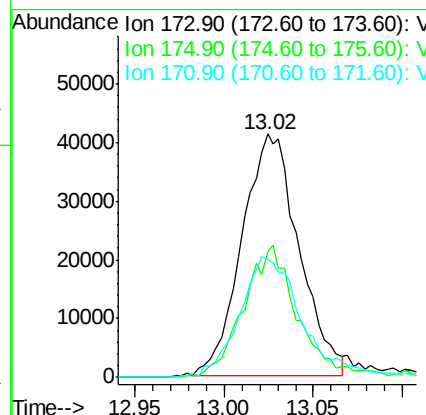
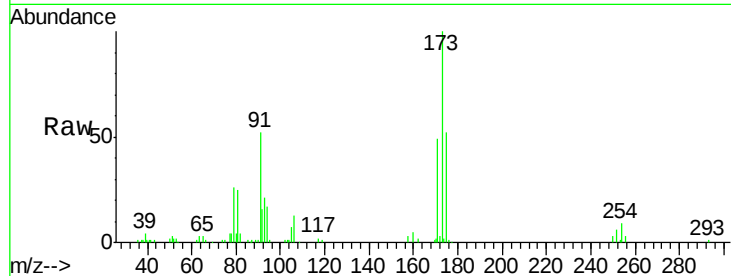
ClientSampleId :

VSTDIC001

Tot Ion:	173	Resp:	91763
Ion	Ratio	Lower	Upper
173	100		
175	52.2	39.6	59.4
171	55.3	42.2	63.4

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#50

4-Methyl-2-Pentanone

Concen: 0.759 ppbv

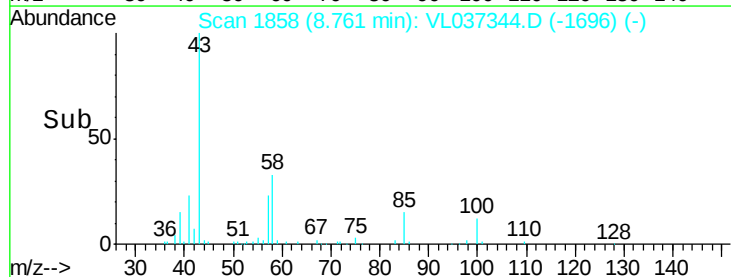
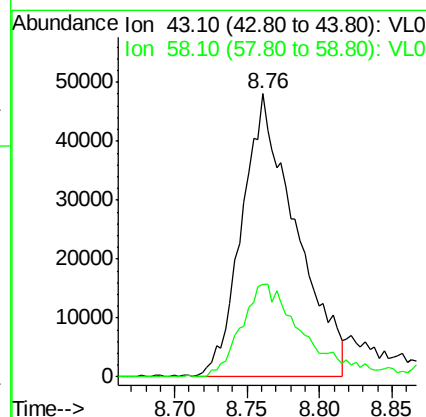
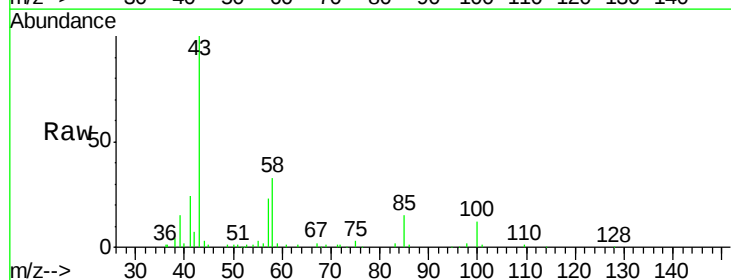
RT: 8.76 min Scan# 1858

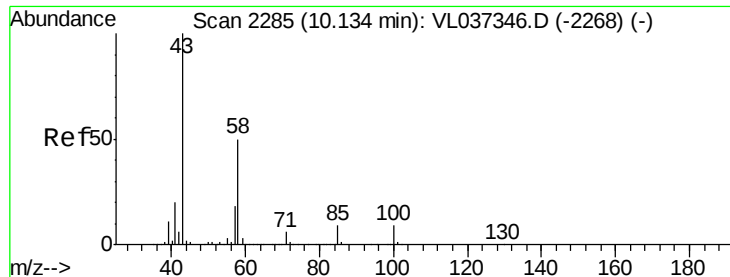
Delta R.T. 0.02 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tgt Ion:	43	Resp:	124389
Ion	Ratio	Lower	Upper
43	100		
58	39.0	29.9	44.9





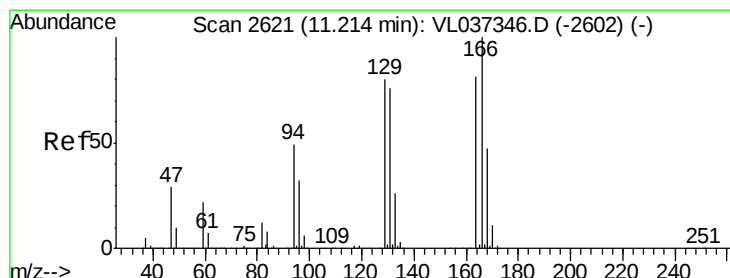
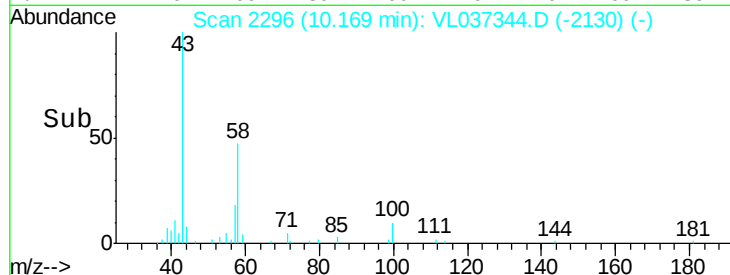
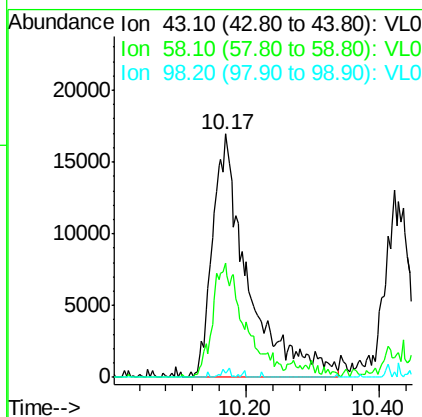
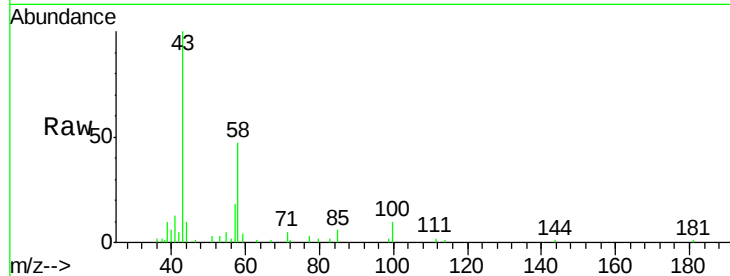
#51
2-Hexanone
Concen: 0.842 ppbv m
RT: 10.17 min Scan# 2296
Delta R.T. 0.04 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.4	60.6#
98	0.0	0.4	0.6#

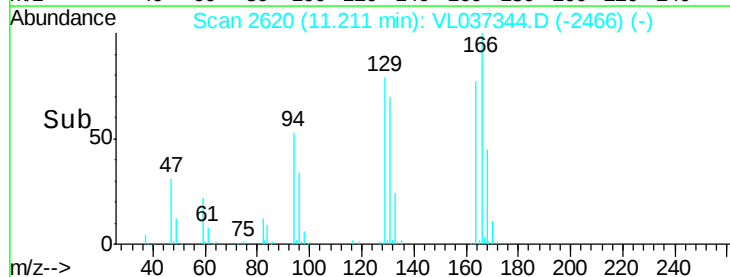
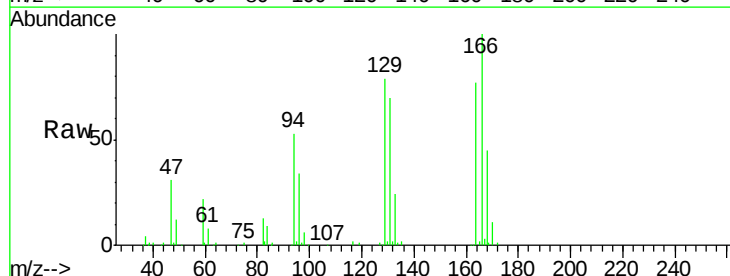
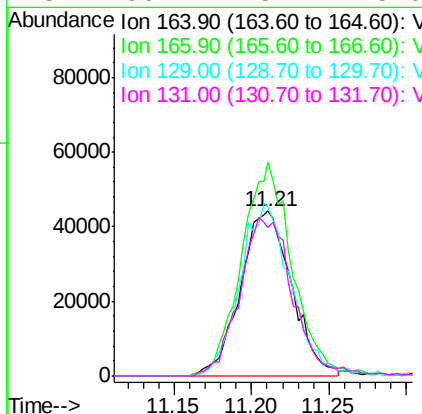
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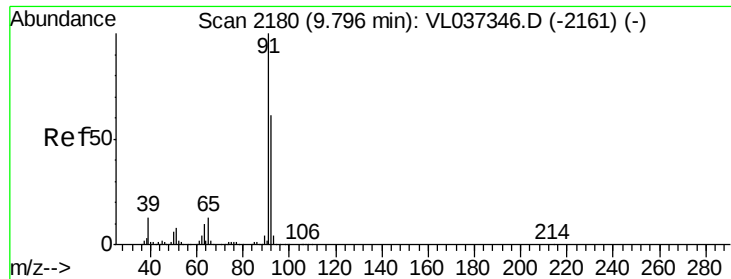
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#52
Tetrachloroethene
Concen: 0.850 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	99.4	149.0
129	102.5	79.2	118.8
131	90.2	75.4	113.0





#53

Toluene

Concen: 0.824 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 270165

Ion Ratio Lower Upper

91 100

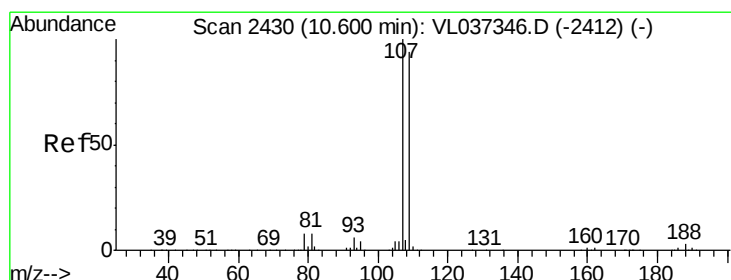
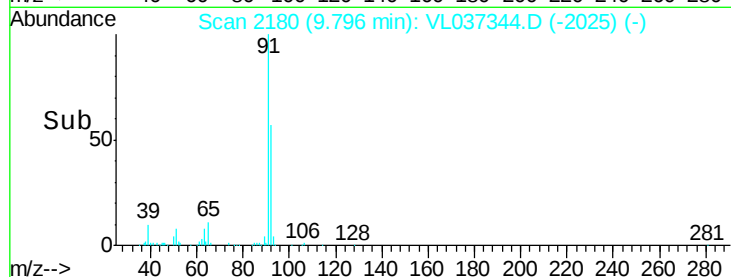
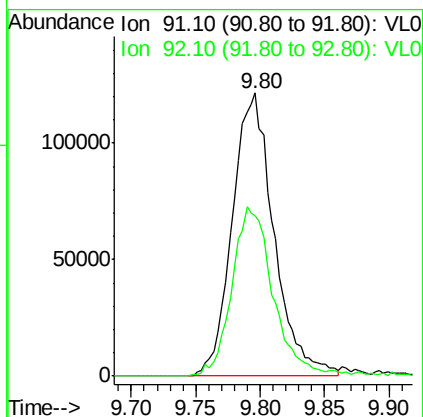
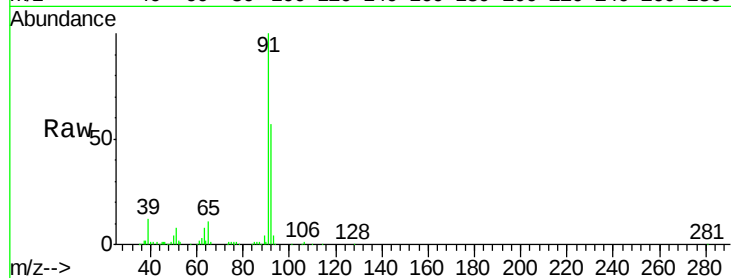
92 60.4 48.2 72.4

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#54

1,2-Dibromoethane

Concen: 0.857 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VL037344.D

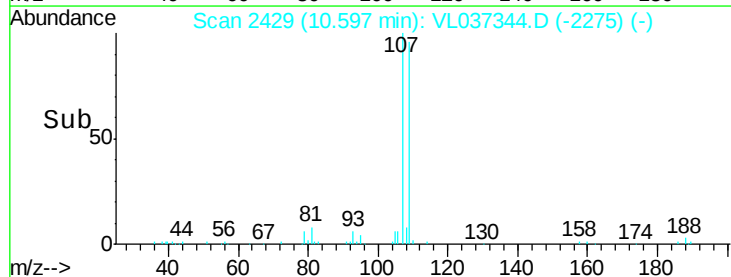
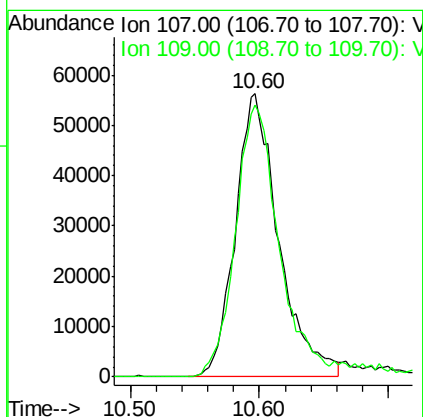
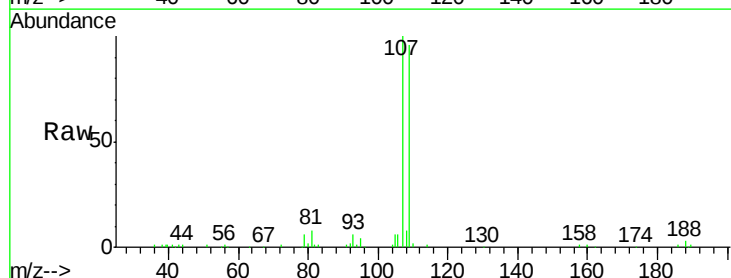
Acq: 6 Aug 2021 13:48

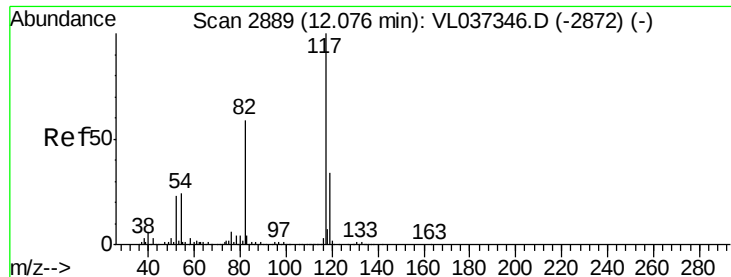
Tgt Ion: 107 Resp: 131657

Ion Ratio Lower Upper

107 100

109 96.1 75.1 112.7





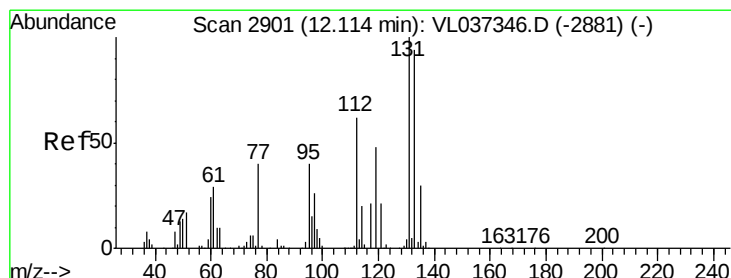
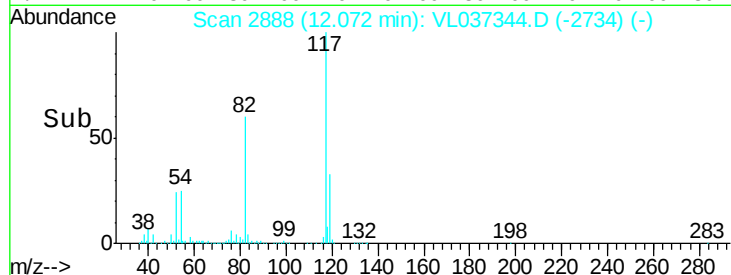
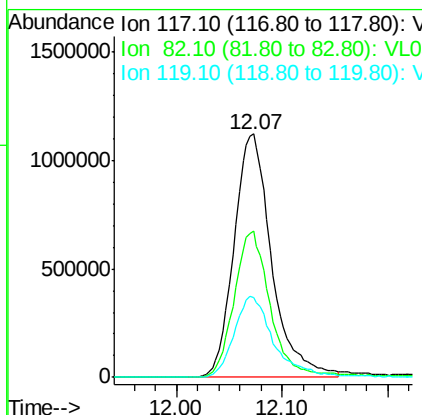
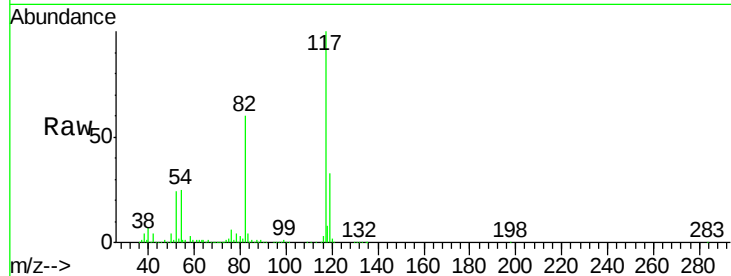
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 2780145
Ion Ratio Lower Upper
117 100
82 60.0 50.5 75.7
119 35.6 50.7 76.1#

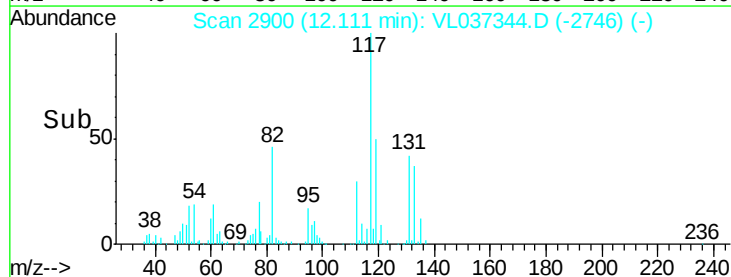
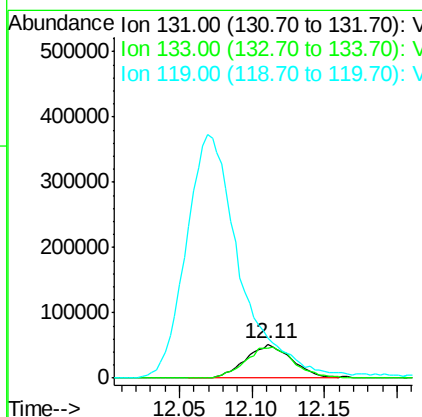
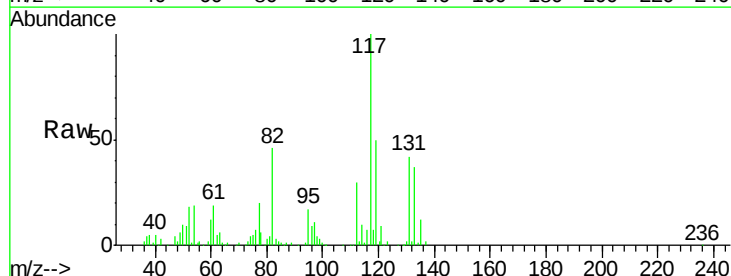
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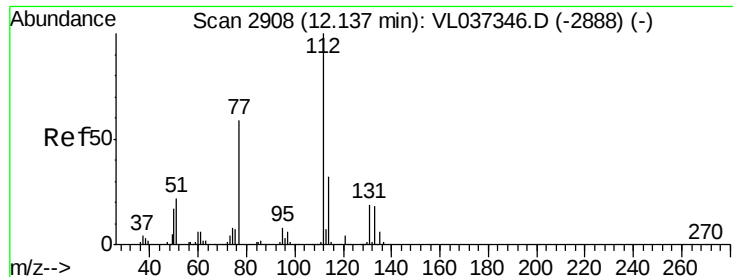
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#56
1,1,1,2-Tetrachloroethane
Concen: 0.920 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion:131 Resp: 114942
Ion Ratio Lower Upper
131 100
133 97.9 76.6 114.8
119 859.9 111.0 166.4#





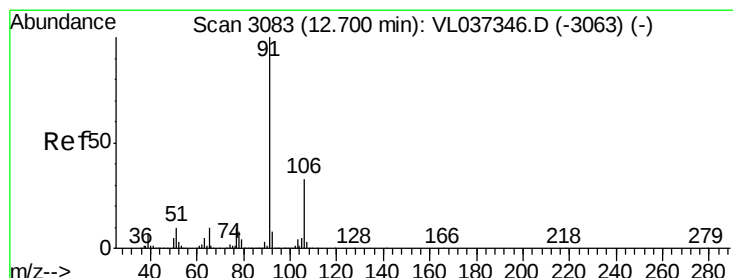
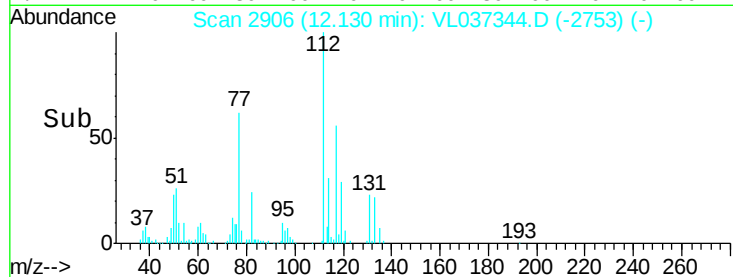
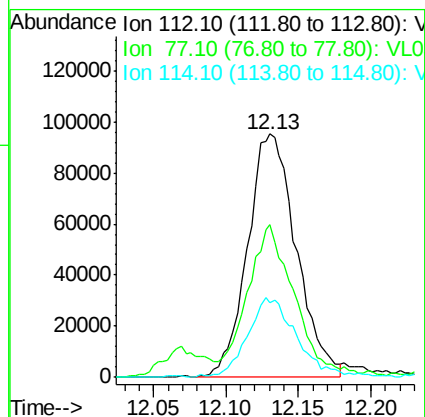
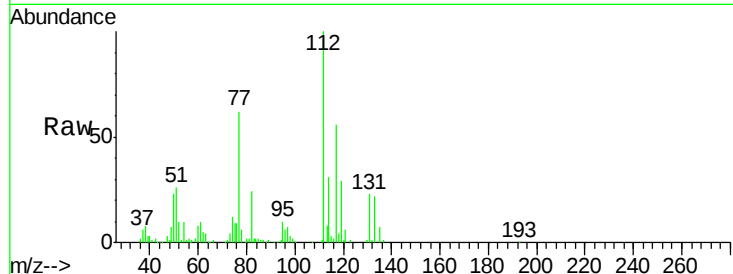
#57
Chlorobenzene
Concen: 0.921 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
112	100		
77	59.2	48.1	72.1
114	30.3	29.0	35.4

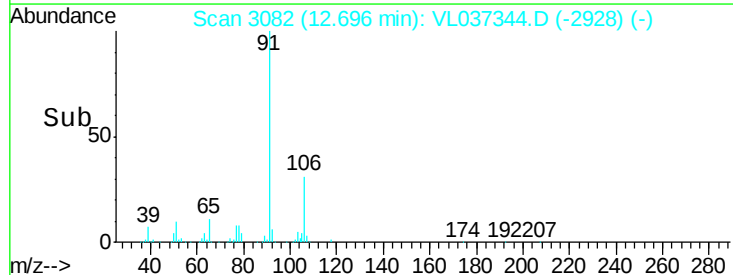
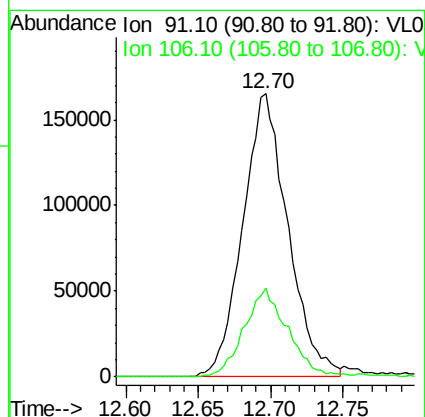
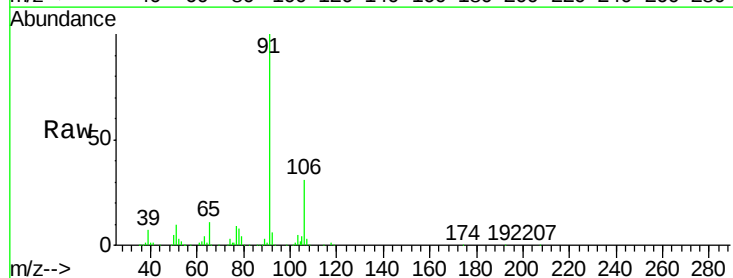
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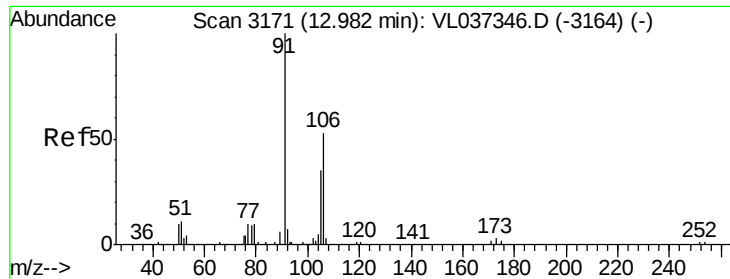
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#58
Ethyl Benzene
Concen: 0.855 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	26.2	39.2





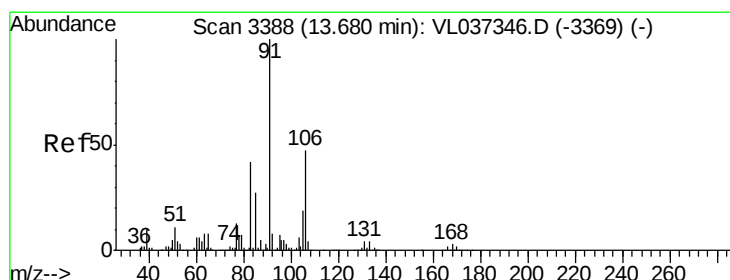
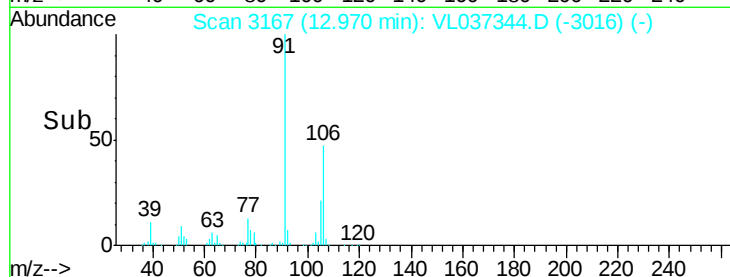
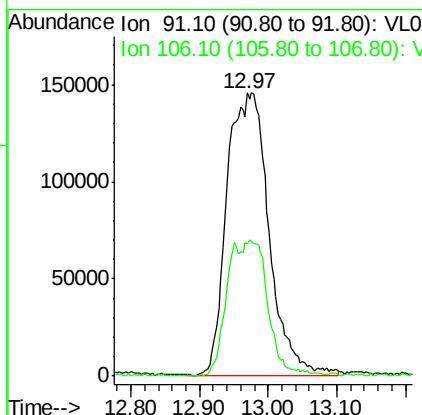
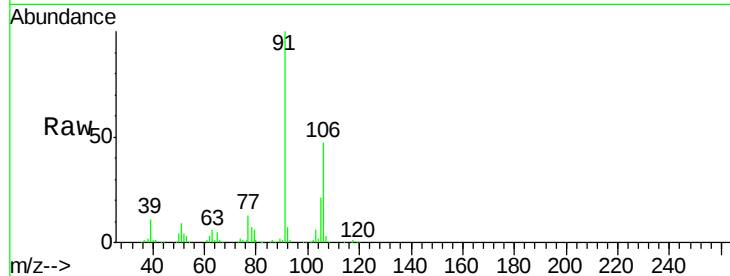
#59
m/p-Xylene
Concen: 1.775 ppbv m
RT: 12.97 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 623046
Ion Ratio Lower Upper
91 100
106 46.5 37.2 55.8

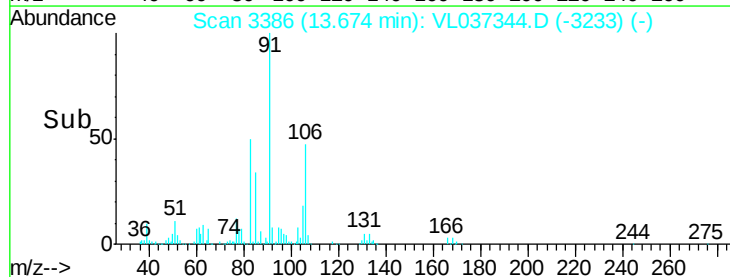
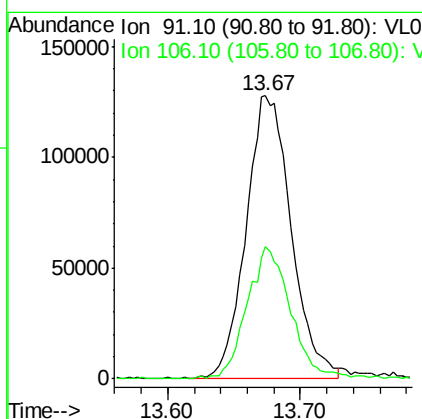
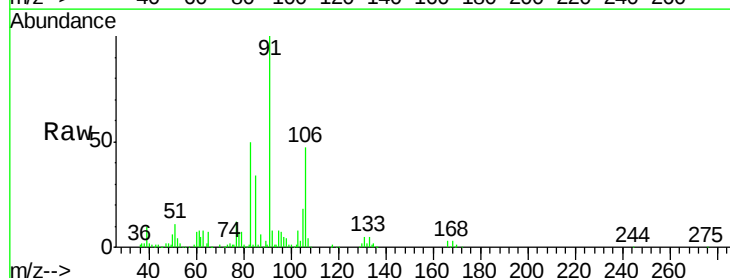
Manual Integrations
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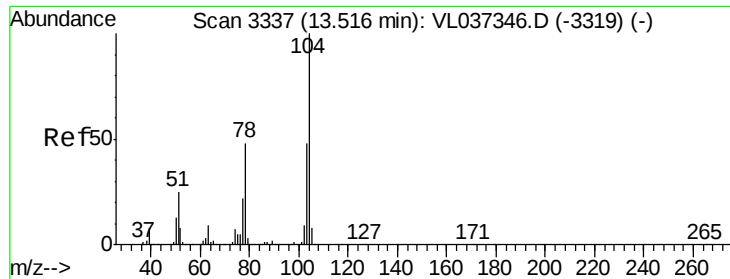
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#60
o-Xylene
Concen: 0.926 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion: 91 Resp: 300773
Ion Ratio Lower Upper
91 100
106 45.8 23.2 69.5





#61

Stvrene

Concen: 0.742 ppbv

RT: 13.51 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

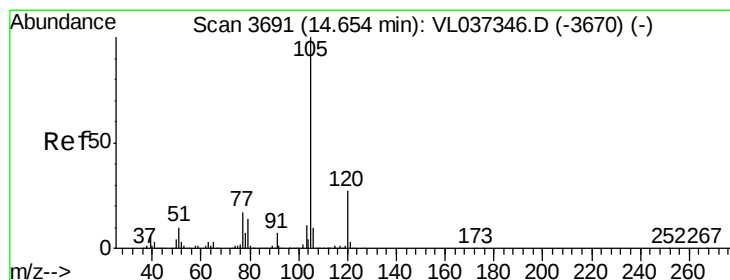
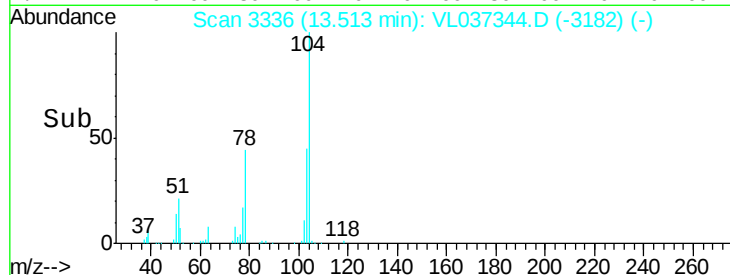
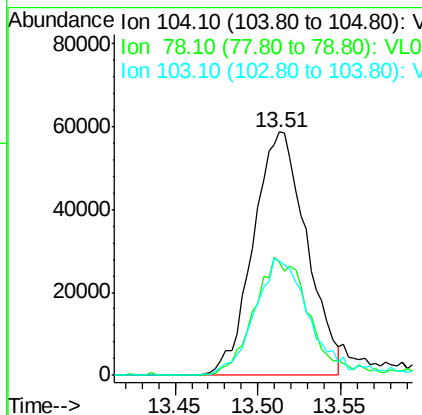
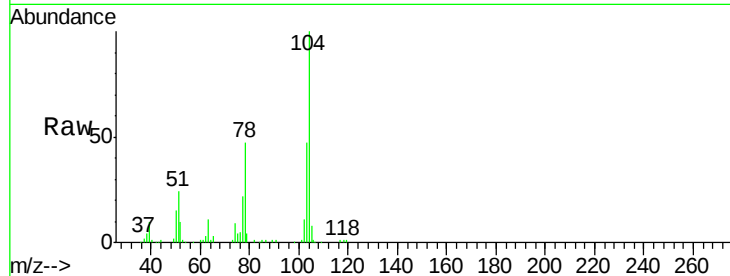
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	131078
Ion Ratio	Lower	Upper	
104	100		
78	51.5	38.4	57.6
103	50.6	38.3	57.5

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#62

Isopropylbenzene

Concen: 0.928 ppbv

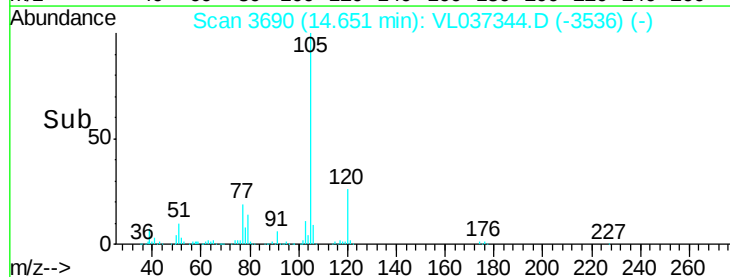
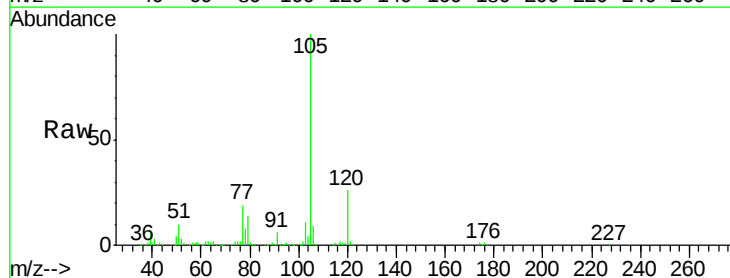
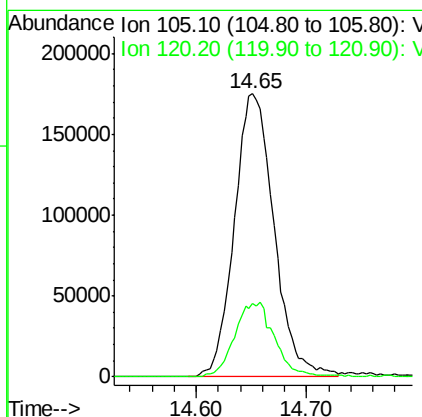
RT: 14.65 min Scan# 3690

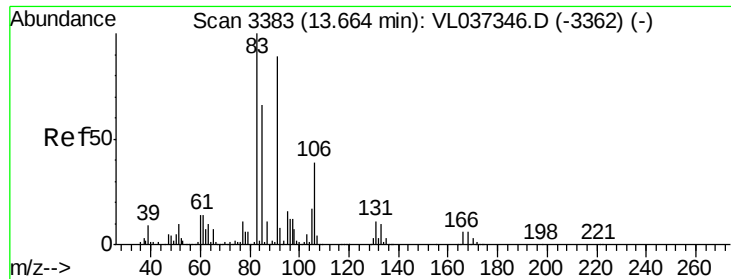
Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tgt Ion:	105	Resp:	436785
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.4	32.2





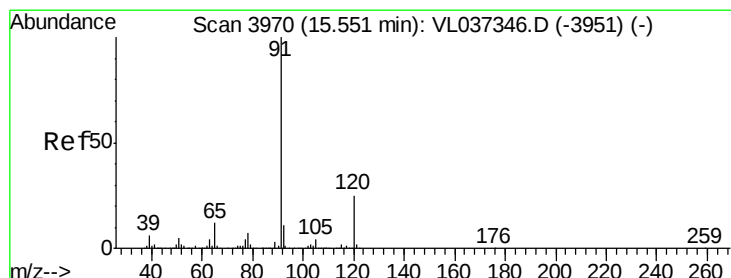
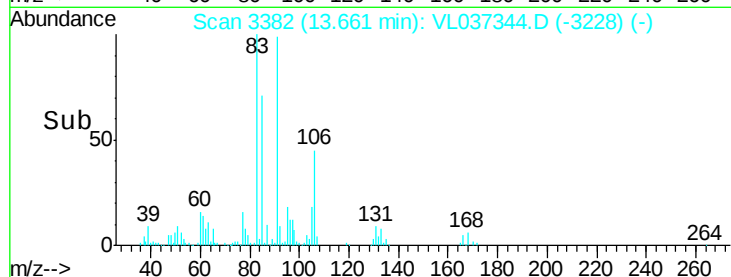
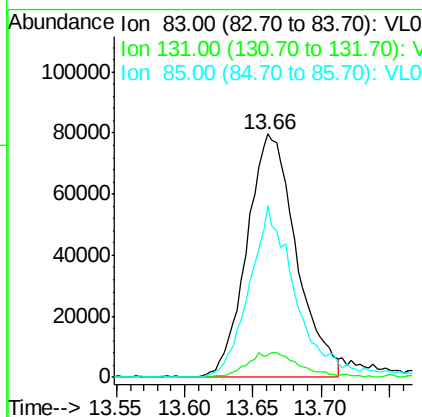
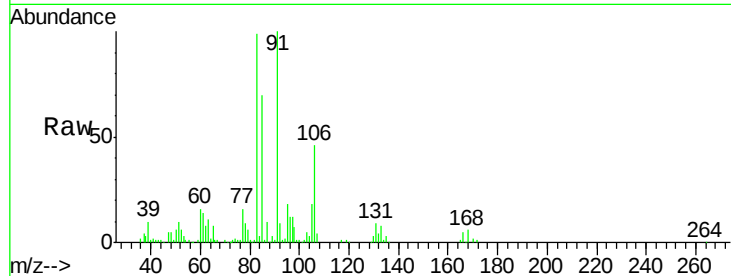
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.870 ppbv
 RT: 13.66 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.3	16.1
85	69.9	33.1	99.2

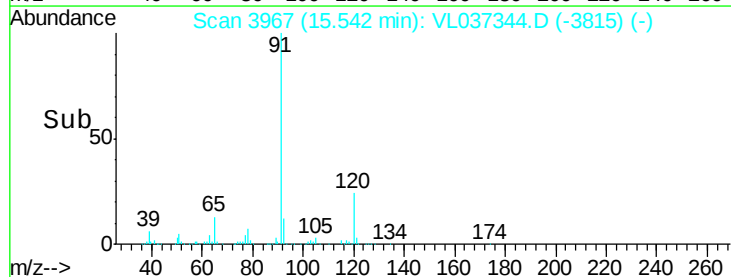
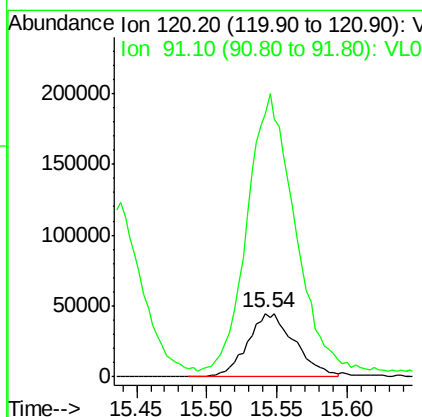
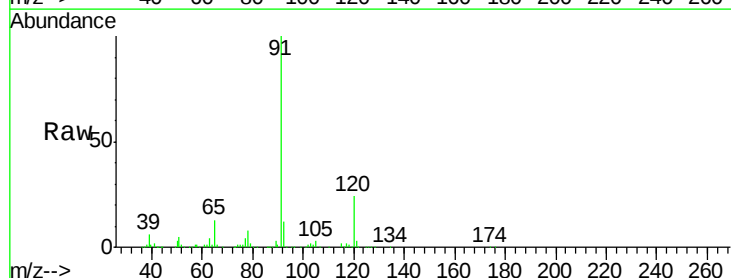
Manual Integrations
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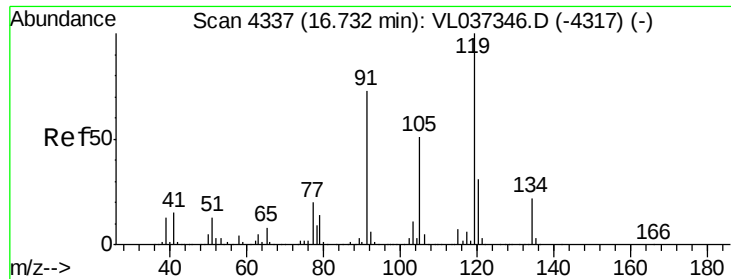
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#64
 n-propylbenzene
 Concen: 0.860 ppbv
 RT: 15.54 min Scan# 3967
 Delta R.T. -0.01 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
120	100		
91	475.1	345.0	517.4





#65

tert-Butylbenzene

Concen: 0.925 ppbv

RT: 16.73 min Scan# 4336

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

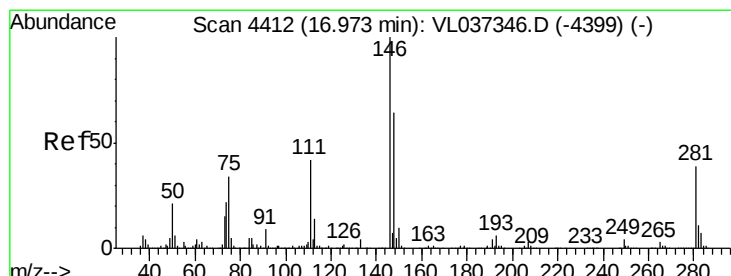
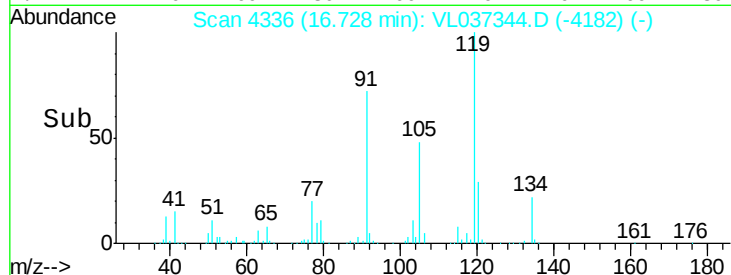
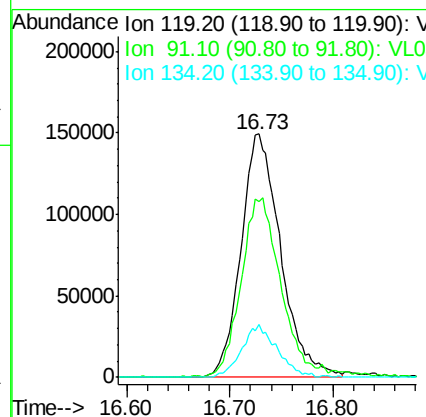
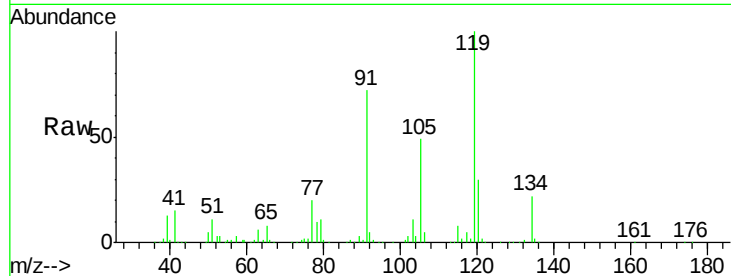
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	398058
Ion Ratio	Lower	Upper	
119	100		
91	75.9	59.5	89.3
134	19.6	16.6	25.0

Manual Integrations
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#66

Benzyl Chloride

Concen: 0.891 ppbv m

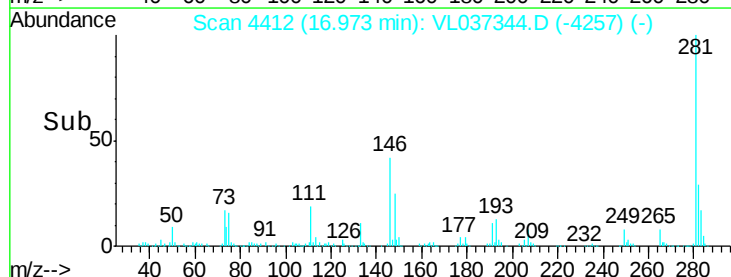
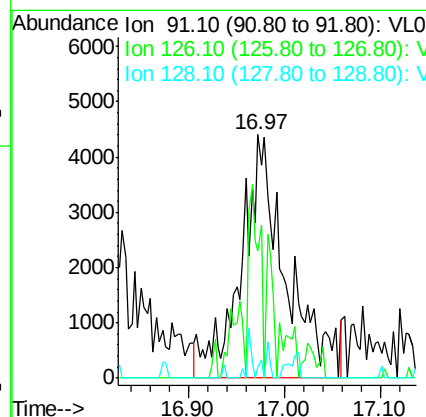
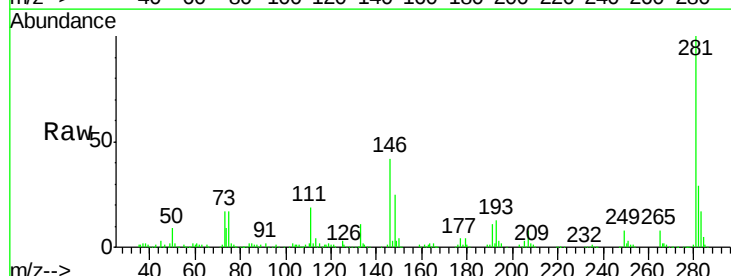
RT: 16.97 min Scan# 4412

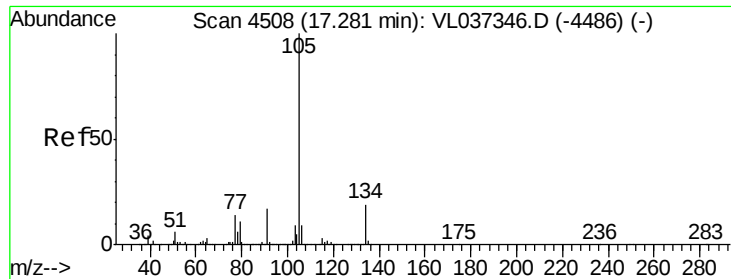
Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tgt Ion:	91	Resp:	14303
Ion Ratio	Lower	Upper	
91	100		
126	0.0	19.2	28.8#
128	0.7	5.8	8.8#





#67

sec-Butylbenzene

Concen: 0.888 ppbv

RT: 17.28 min Scan# 4507

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 514788

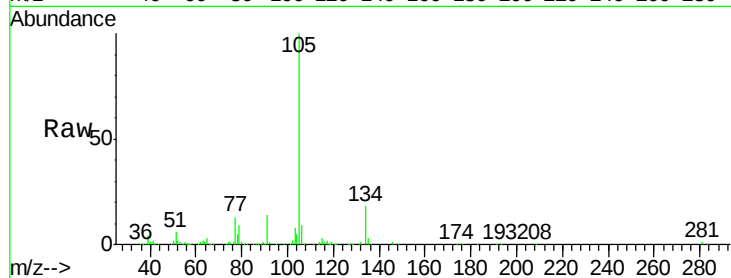
Ion Ratio Lower Upper

105 100

134 19.3 15.6 23.4

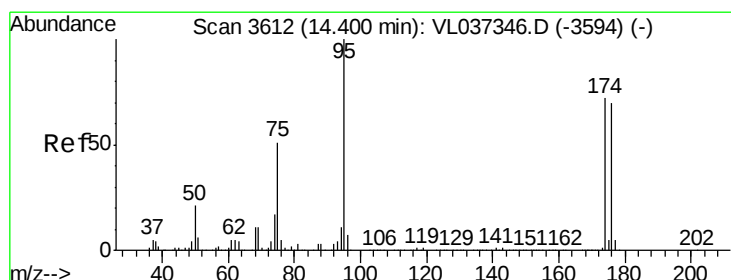
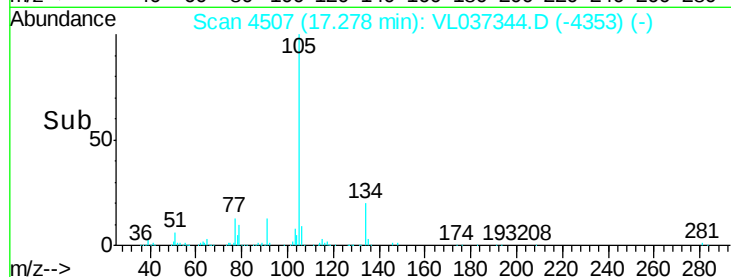
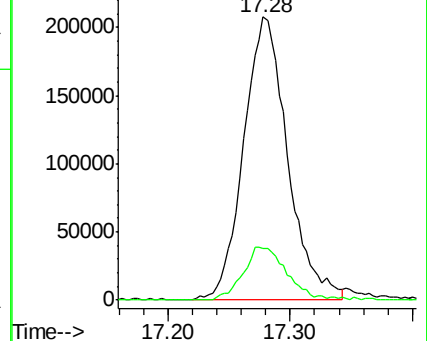
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.073 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

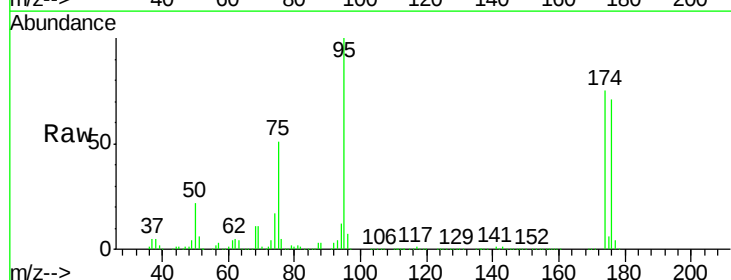
Tgt Ion: 95 Resp: 1957721

Ion Ratio Lower Upper

95 100

174 78.3 60.8 91.2

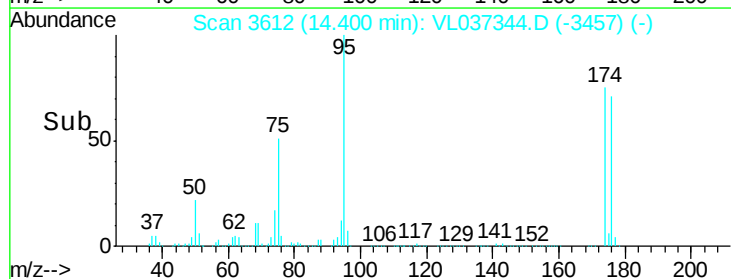
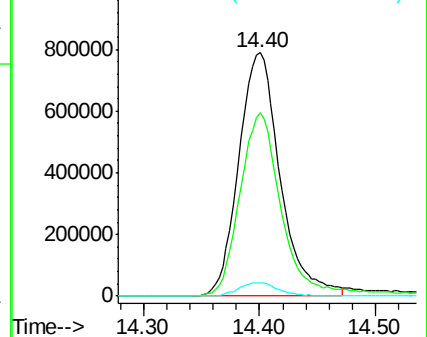
175 5.5 4.3 6.5

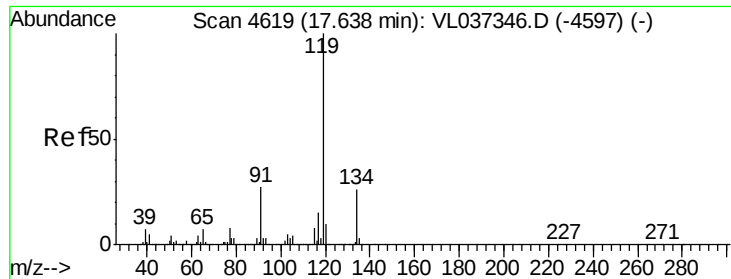


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





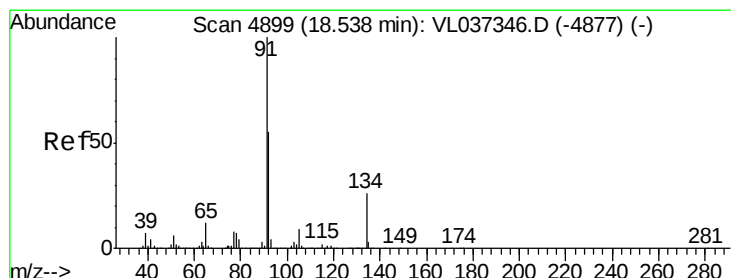
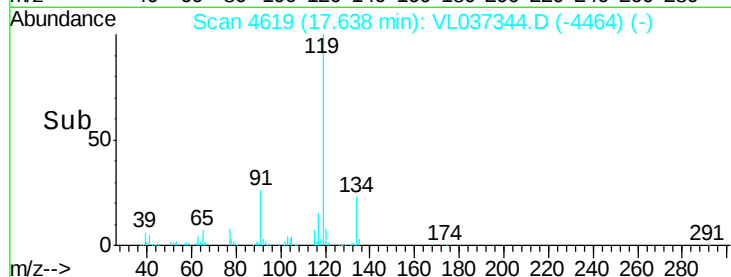
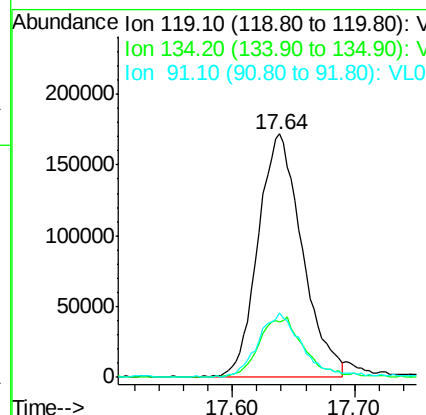
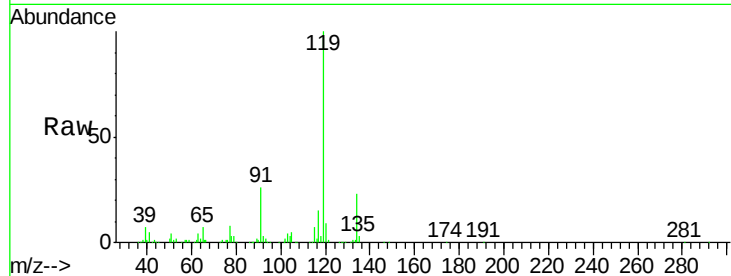
#69
 p-Isopropyltoluene
 Concen: 0.880 ppbv
 RT: 17.64 min Scan# 4619
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	430293		
134	25.6		20.8	31.2
91	26.8		21.0	31.6

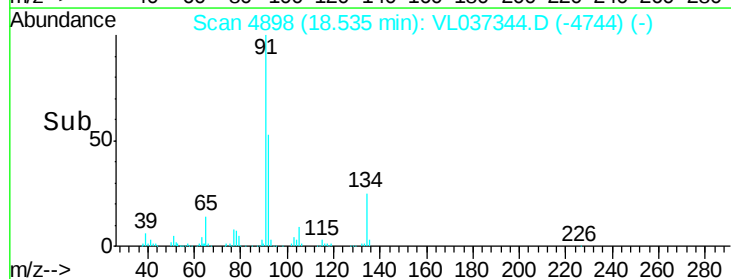
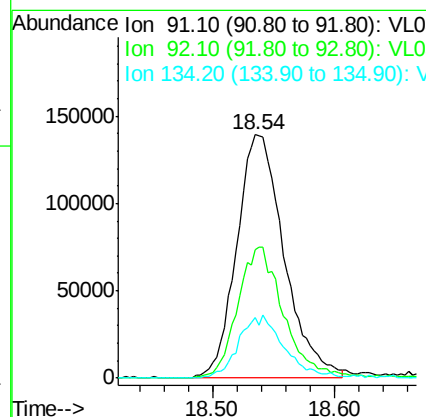
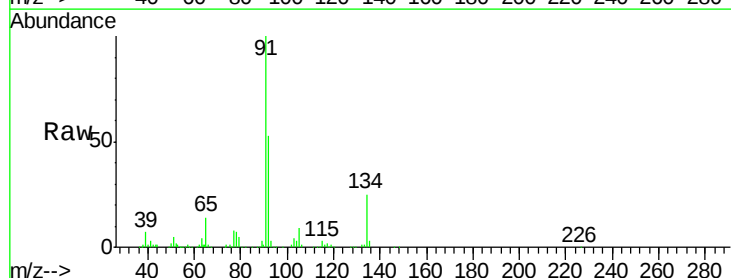
Manual Integrations
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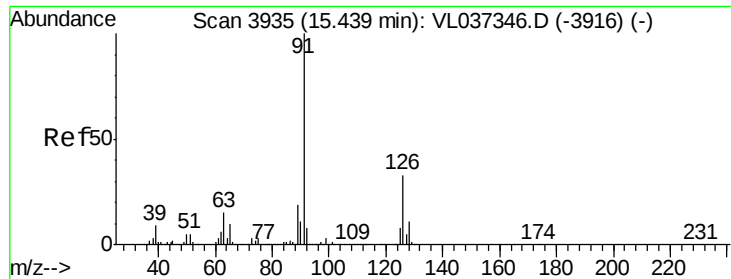
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#70
 n-Butylbenzene
 Concen: 0.837 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	372669		
92	53.3		43.7	65.5
134	24.9		20.4	30.6





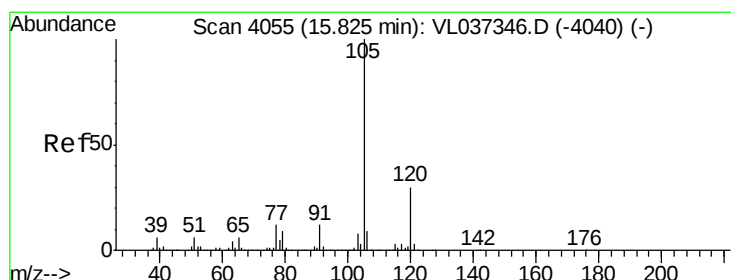
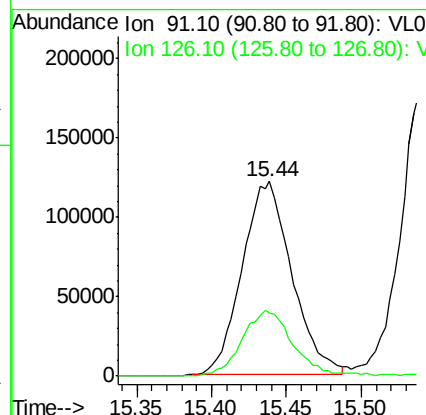
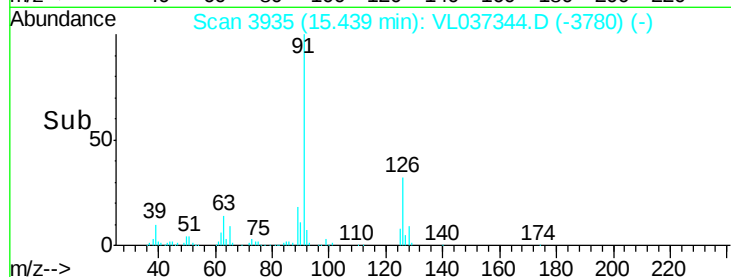
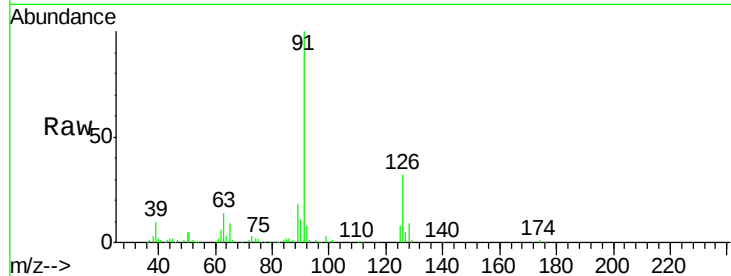
#71
2-Chlorotoluene
Concen: 0.858 ppbv
RT: 15.44 min Scan# 3935
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 281873
Ion Ratio Lower Upper
91 100
126 35.5 13.4 53.6

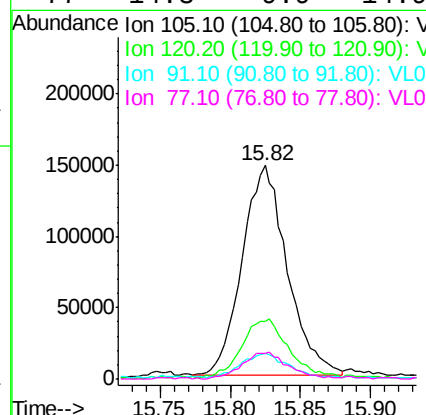
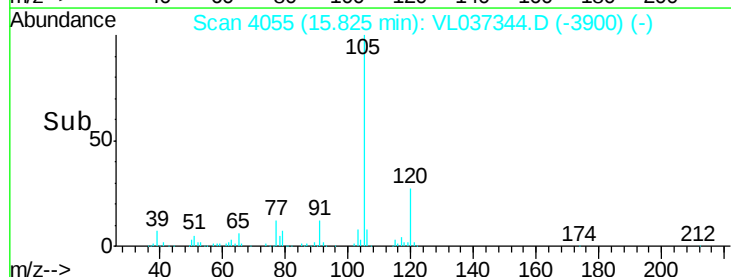
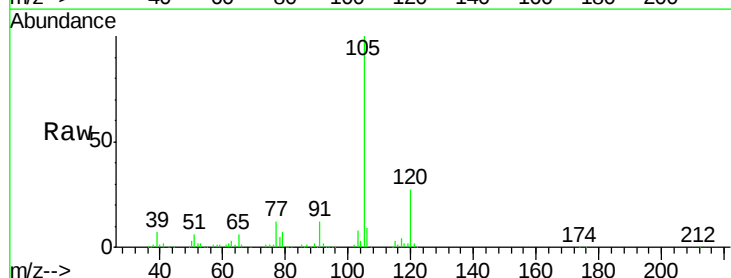
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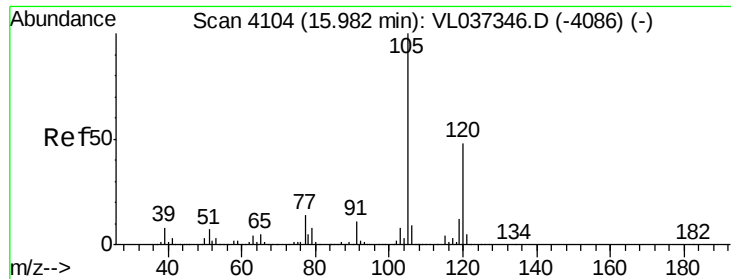
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#72
4-Ethyltoluene
Concen: 0.841 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. -0.00 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion: 105 Resp: 327584
Ion Ratio Lower Upper
105 100
120 30.1 24.4 36.6
91 12.7 9.8 14.6
77 14.3 9.9 14.9





#73

1,3,5-Trimethylbenzene

Concen: 0.874 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 306282

Ion Ratio Lower Upper

105 100

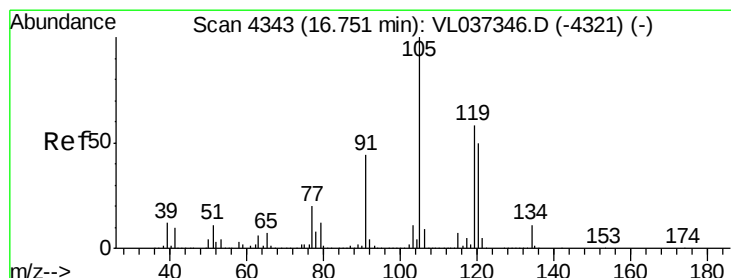
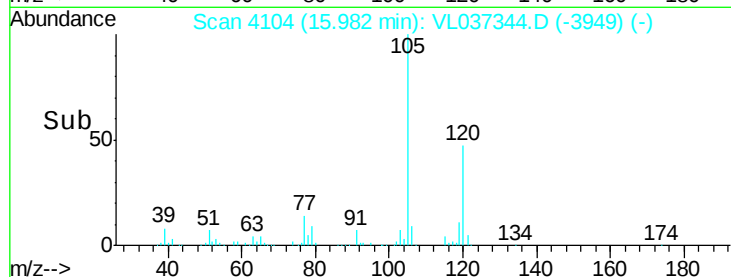
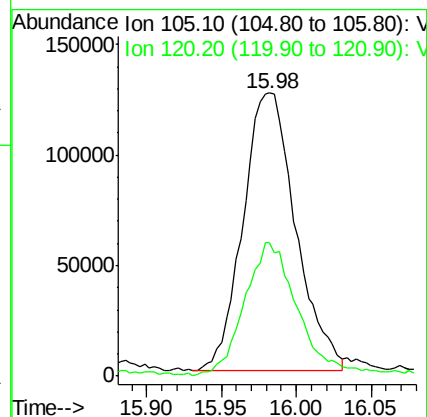
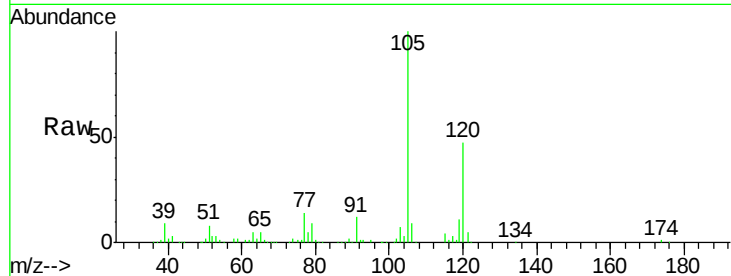
120 48.0 38.1 57.1

Manual Integrations

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#74

1,2,4-Trimethylbenzene

Concen: 0.915 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.00 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Tgt Ion:105 Resp: 340634

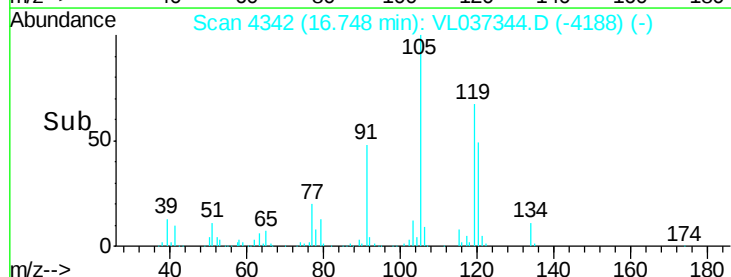
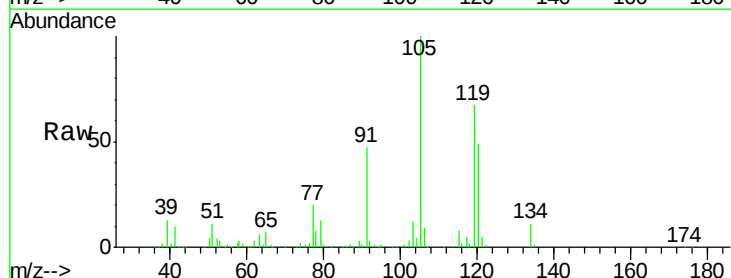
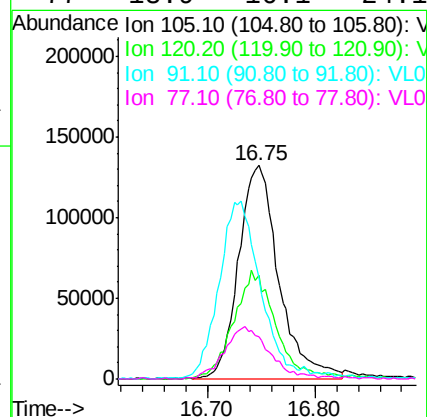
Ion Ratio Lower Upper

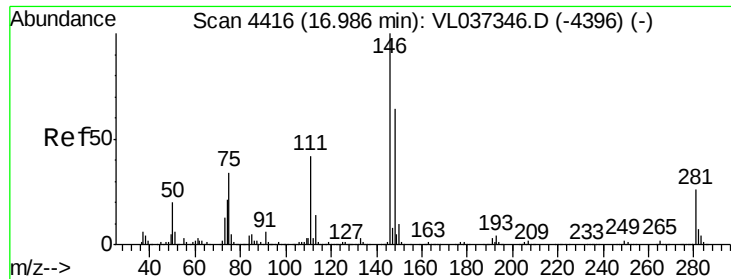
105 100

120 48.1 39.7 59.5

91 45.6 35.0 52.6

77 18.9 16.1 24.1





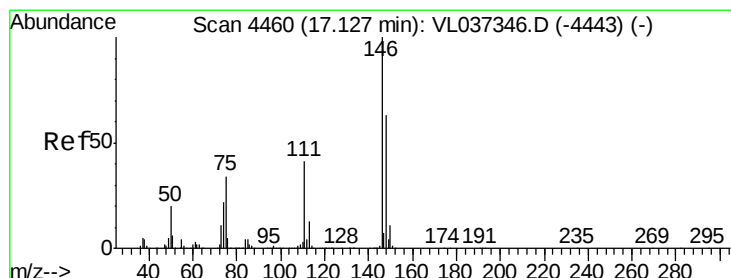
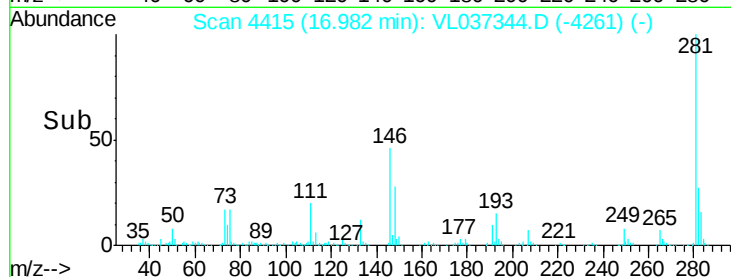
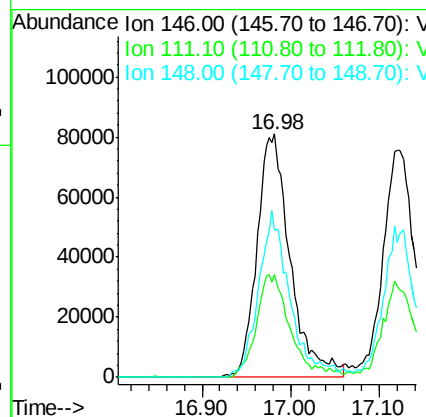
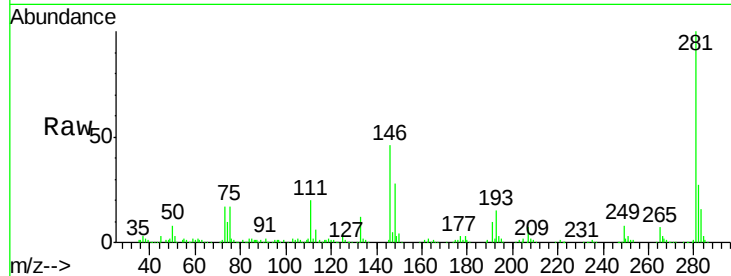
#75
 1,3-Dichlorobenzene
 Concen: 0.922 ppbv m
 RT: 16.98 min Scan# 4415
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.5	64.5#
148	64.9	32.2	96.6

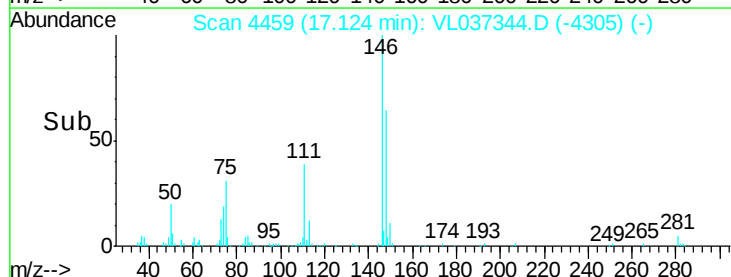
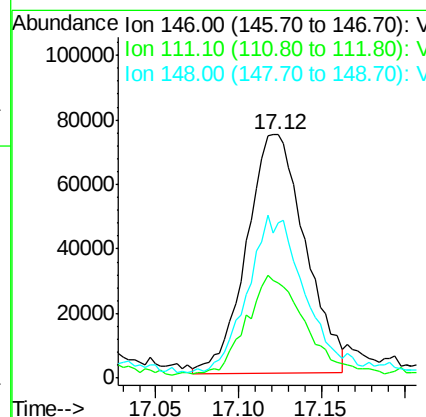
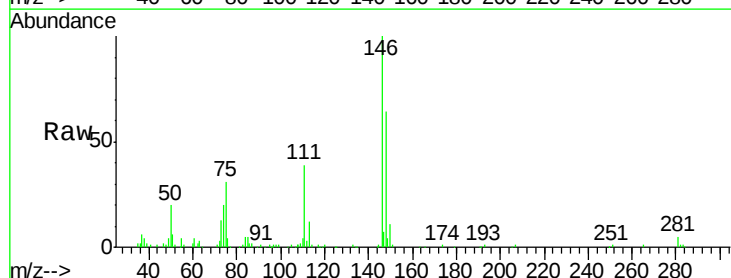
Manual Integrations
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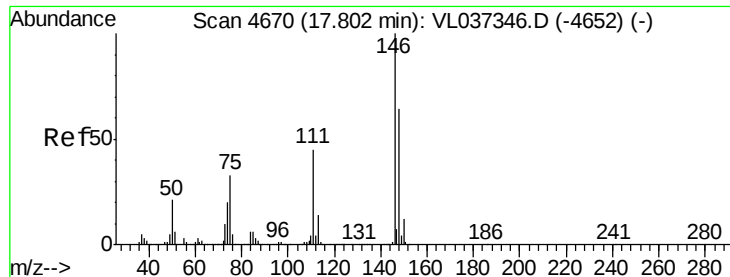
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#76
 1,4-Dichlorobenzene
 Concen: 0.800 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.9	21.1	63.3
148	72.7	32.6	97.7





#77

1,2-Dichlorobenzene

Concen: 0.937 ppbv m

RT: 17.80 min Scan# 4668

Delta R.T. -0.01 min

Lab File: VL037344.D

Acq: 6 Aug 2021 13:48

Instrument :

MSVOA_L

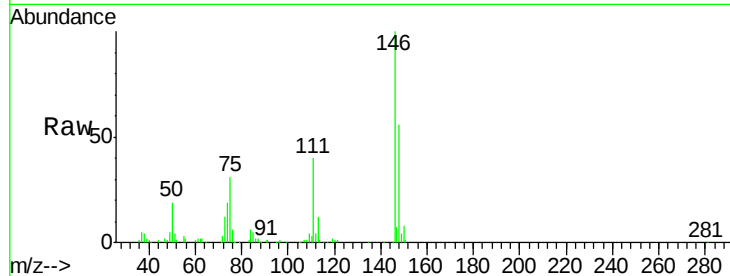
ClientSampleId :

VSTDIC001

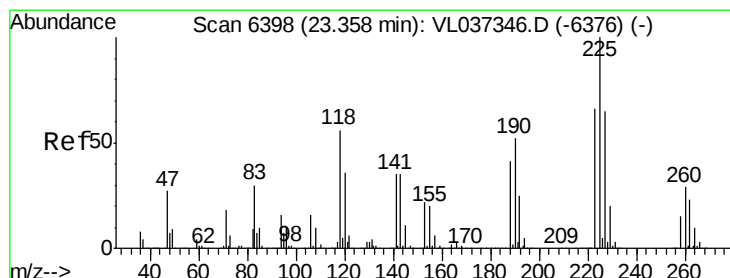
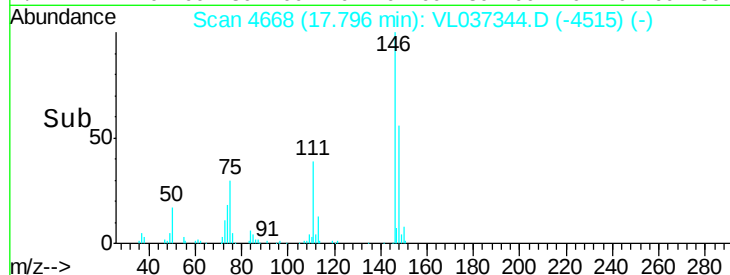
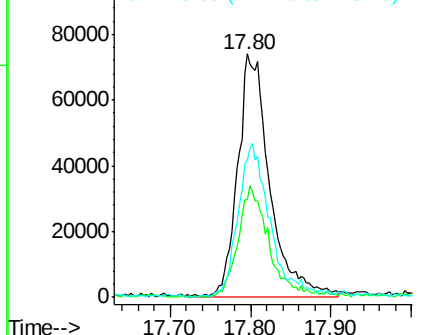
Tot Ion:	146	Resp:	207973
Ion Ratio	Lower	Upper	
146	100		
111	43.8	22.4	67.2
148	63.6	33.0	99.0

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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 0.890 ppbv

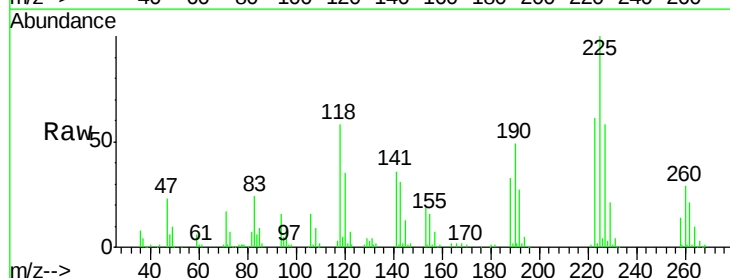
RT: 23.36 min Scan# 6398

Delta R.T. -0.00 min

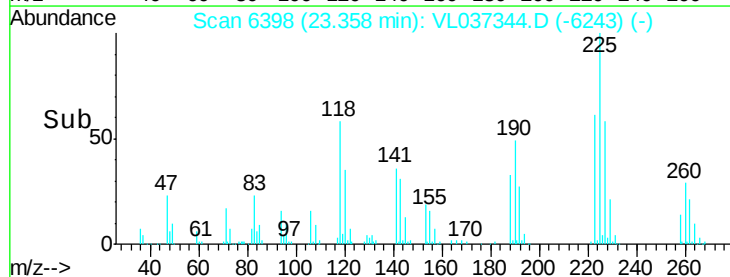
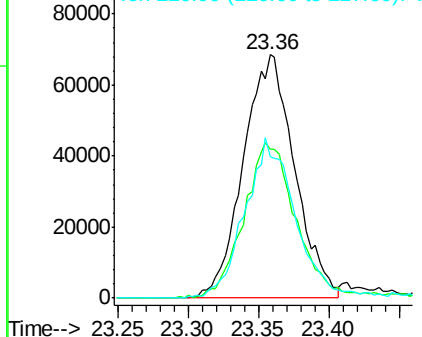
Lab File: VL037344.D

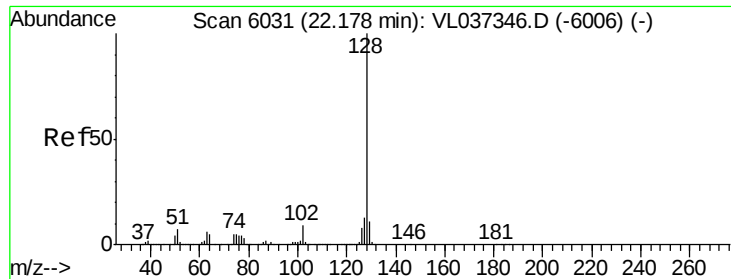
Acq: 6 Aug 2021 13:48

Tgt Ion:	225	Resp:	174273
Ion Ratio	Lower	Upper	
225	100		
223	67.5	51.4	77.0
227	65.3	51.8	77.6



Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V





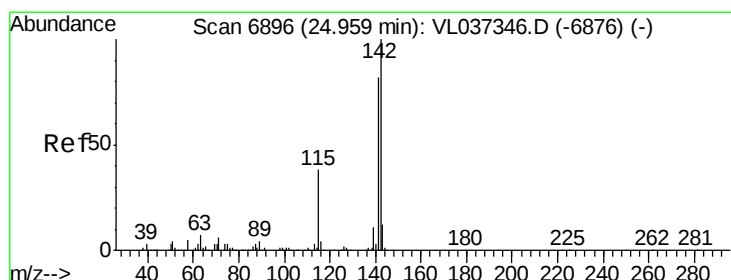
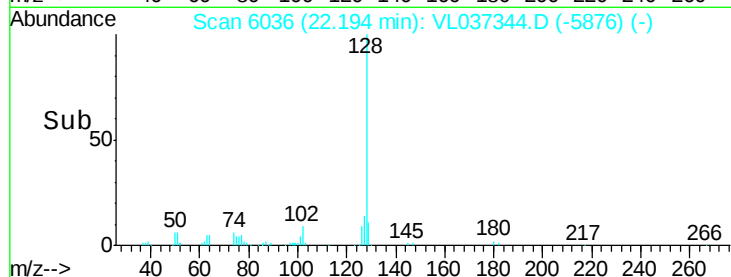
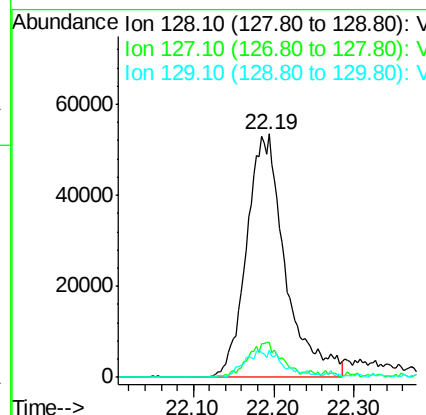
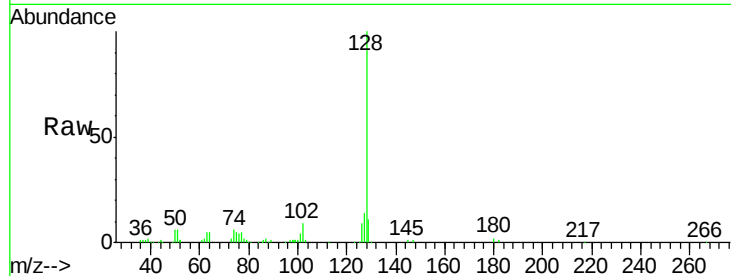
#79
Naphthalene
Concen: 0.561 ppbv m
RT: 22.19 min Scan# 6036
Delta R.T. 0.02 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.2
129	11.4	8.8	13.2

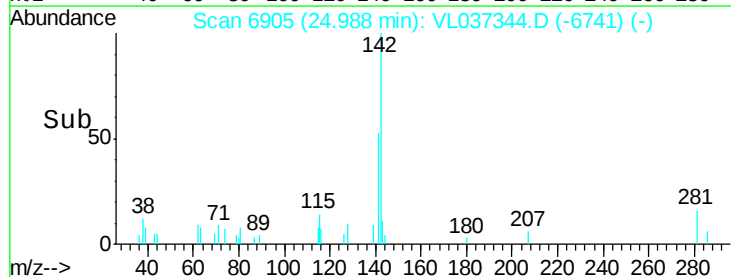
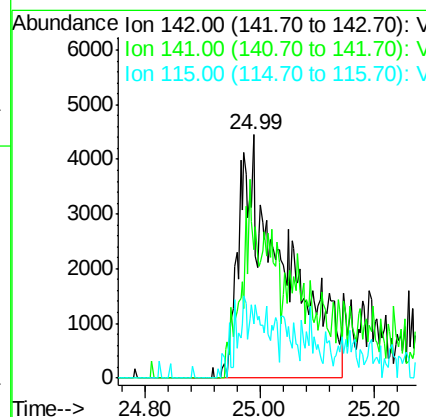
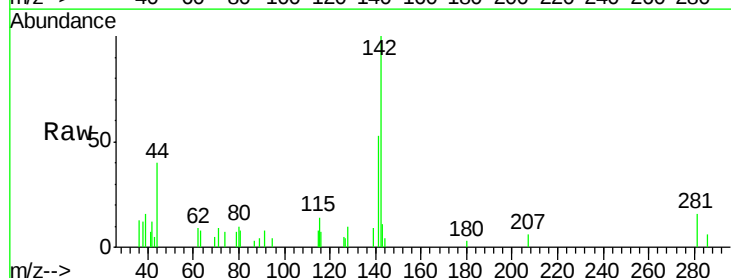
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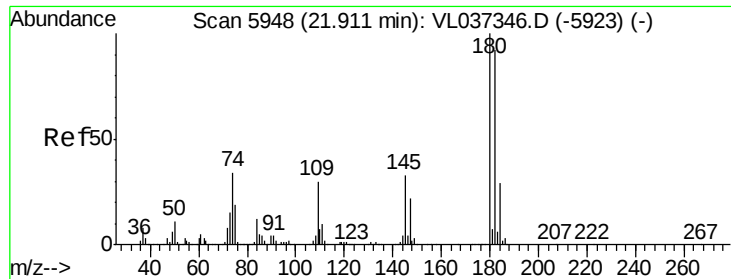
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#80
Naphthalene, 2-methyl-
Concen: 0.483 ppbv m
RT: 24.99 min Scan# 6905
Delta R.T. 0.03 min
Lab File: VL037344.D
Acq: 6 Aug 2021 13:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	27.9	68.4	102.6#
115	21.7	30.0	45.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.678 ppbv
 RT: 21.91 min Scan# 5948
 Delta R.T. -0.00 min
 Lab File: VL037344.D
 Acq: 6 Aug 2021 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128655		
182	100.1	78.1	117.1	
184	30.9	24.9	37.3	

Manual Integrations
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