

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037409.D
 Acq On : 12 Aug 2021 10:28
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDICCC010

Manual Integrations
 APPROVED

apatel
 8/13/2021 11:06:29 AM

Quant Time: Aug 12 11:33:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 11
 QLast Update : Wed Aug 11 09:01:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1364745	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4159679	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3667492m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2735132	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1687976	6.843	ppbv	98
3) Chlorodifluoromethane	2.99	51	2355601	9.283	ppbv	99
4) Chloromethane	3.14	50	847021	9.063	ppbv	97
5) Vinyl Chloride	3.26	62	896544	9.390	ppbv	97
6) Bromomethane	3.47	94	505099	9.651	ppbv	96
7) Chloroethane	3.56	64	324513	9.926	ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	2106050	9.786	ppbv	98
9) Propene	3.01	41	809781	9.373	ppbv	97
10) Heptane	8.12	43	2082864	10.193	ppbv	100
11) Trichlorofluoromethane	3.95	101	2018581	9.733	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1502877	10.182	ppbv	95
13) Ethanol	3.61	45	85053m	8.156	ppbv	
14) Bromoethene	3.74	108	678403	10.049	ppbv	99
15) Acetone	3.85	43	1122038	8.629	ppbv	99
16) 1,3-Butadiene	3.32	39	887424	9.715	ppbv	99
17) tert-Butyl alcohol	4.29	59	1331408	11.445	ppbv	99
18) 1,1-Dichloroethene	4.29	96	672948	10.062	ppbv	96
19) Isopropyl Alcohol	3.96	45	775638	10.361	ppbv #	33
20) Methylene Chloride	4.34	84	613851	8.694	ppbv	97
21) Allyl Chloride	4.41	41	1041971	10.216	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	650176	10.287	ppbv	98
23) Vinyl Acetate	5.07	43	2123443	10.161	ppbv #	98
24) 1,1-Dichloroethane	5.01	63	1584143	9.638	ppbv	98
25) Ethyl Acetate	5.67	43	3241124	9.736	ppbv	100
26) Hexane	5.68	57	1584139	9.397	ppbv	97
27) Carbon Disulfide	4.55	76	1602806	11.344	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1803584	10.018	ppbv	100
29) Chloroform	5.75	83	2336415	9.665	ppbv	99
30) Cyclohexane	7.13	84	1342930	9.623	ppbv	100
31) cis-1,2-Dichloroethene	5.55	61	1502427	9.946	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	2260134	9.643	ppbv	100
34) 2-Butanone	5.24	43	1541726m	9.755	ppbv	
35) Carbon Tetrachloride	7.02	117	2377255	10.248	ppbv	98
36) Benzene	6.89	78	3226875	9.775	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1684995	9.979	ppbv	99
38) Trichloroethene	7.83	130	1300685	9.254	ppbv	96
39) 1,2-Dichloropropane	7.61	63	1232409	10.212	ppbv	99
40) 1,4-Dioxane	7.83	88	282513	8.786	ppbv #	100
41) Tetrahydrofuran	6.04	42	726327	9.776	ppbv	99
42) Bromodichloromethane	7.79	83	2463770	10.322	ppbv	98
43) Methyl Methacrylate	8.01	69	1193716	10.391	ppbv	99

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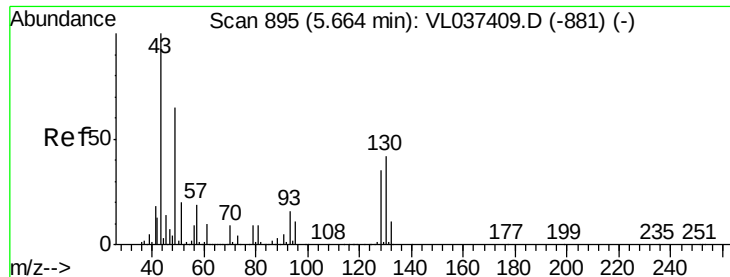
Manual Integrations
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Quant Time: Aug 12 11:33:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5384537	9.779	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1023593	11.868	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1331594	11.413	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1328488	9.768	ppbv	99
48) Dibromochloromethane	10.30	129	2181840	10.878	ppbv	99
49) Bromoform	13.04	173	1744463	11.069	ppbv	95
50) 4-Methyl-2-Pentanone	8.74	43	2088335	10.114	ppbv	99
51) 2-Hexanone	10.13	43	1007707	11.012	ppbv #	97
52) Tetrachloroethene	11.22	164	1212681	9.013	ppbv	97
53) Toluene	9.80	91	3816488	9.969	ppbv	98
54) 1,2-Dibromoethane	10.61	107	1906533	9.904	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1472380	10.386	ppbv #	59
57) Chlorobenzene	12.14	112	2752378	9.724	ppbv	96
58) Ethyl Benzene	12.70	91	4989123	10.191	ppbv	100
59) m/p-Xylene	12.99	91	8360536m	19.837	ppbv	
60) o-Xylene	13.69	91	3815197	9.764	ppbv	97
61) Styrene	13.52	104	2186963	10.804	ppbv	99
62) Isopropylbenzene	14.66	105	5341270	9.704	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2745979	9.293	ppbv	98
64) n-propylbenzene	15.55	120	1401373	10.033	ppbv	99
65) tert-Butylbenzene	16.73	119	4889706	9.849	ppbv	99
66) Benzyl Chloride	16.98	91	286379m	13.606	ppbv	
67) sec-Butylbenzene	17.28	105	6728244	9.859	ppbv	98
69) p-Isopropyltoluene	17.64	119	5703849	10.349	ppbv	100
70) n-Butylbenzene	18.54	91	5493591	10.608	ppbv	99
71) 2-Chlorotoluene	15.45	91	3999140	9.952	ppbv	99
72) 4-Ethyltoluene	15.83	105	4606111	10.079	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	4236494	9.994	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	4458662	10.358	ppbv	98
75) 1,3-Dichlorobenzene	16.99	146	2702726	10.333	ppbv	100
76) 1,4-Dichlorobenzene	17.13	146	2576858	10.033	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2562640	10.166	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1883748	9.319	ppbv	99
79) Naphthalene	22.18	128	3208575	13.683	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	871184	18.897	ppbv	94
81) 1,2,4-Trichlorobenzene	21.91	180	1973170	12.270	ppbv	100

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



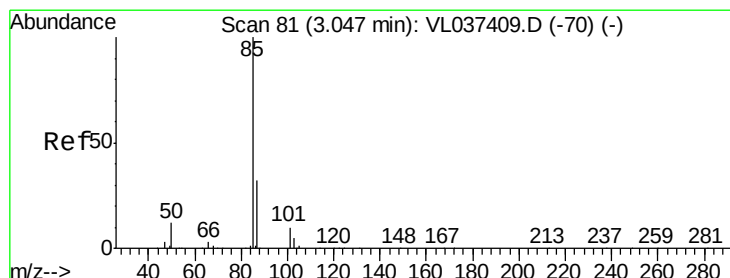
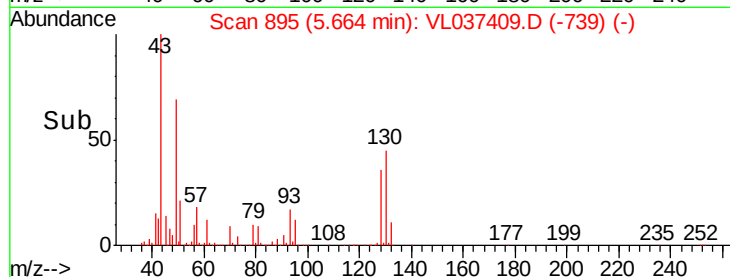
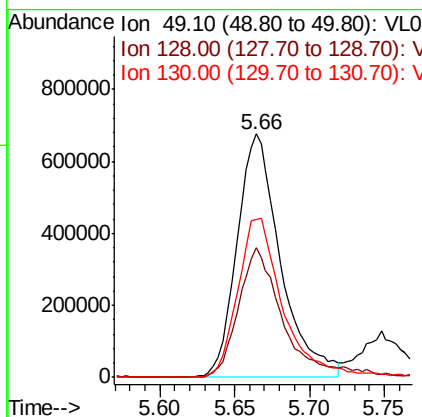
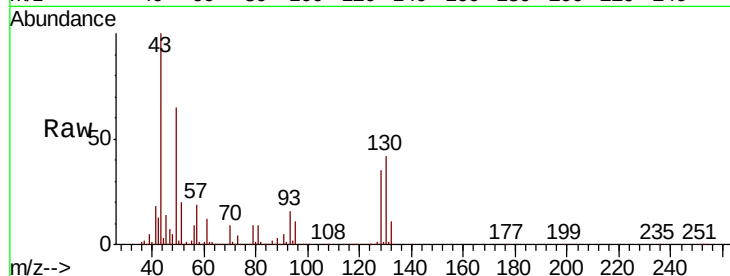
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
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ClientSampleId :
VSTDICCC010

Tot Ion: 49 Resp: 1364745
Ion Ratio Lower Upper
49 100
128 55.7 28.1 84.4
130 69.2 34.3 102.8

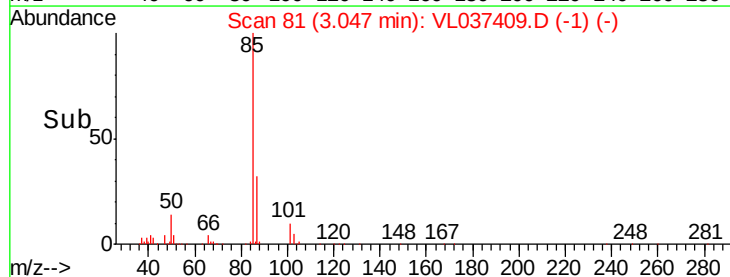
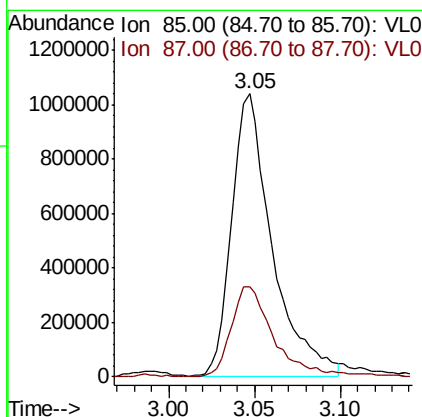
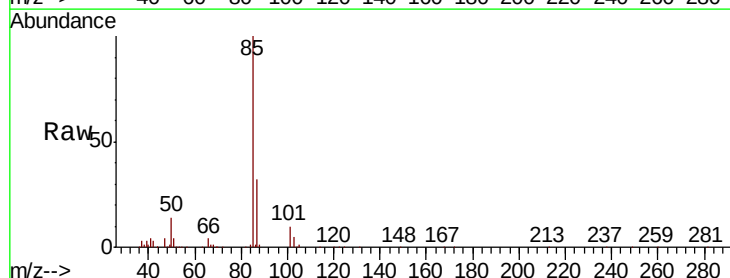
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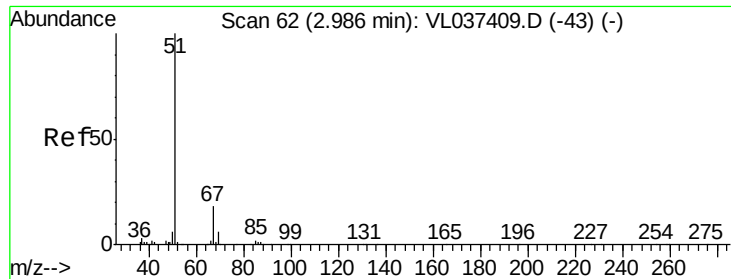
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#2
Dichlorodifluoromethane
Concen: 6.843 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 85 Resp: 1687976
Ion Ratio Lower Upper
85 100
87 32.1 26.6 39.8





#3

Chlorodifluoromethane

Concen: 9.283 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 51 Resp: 2355601

Ion Ratio Lower Upper

51 100

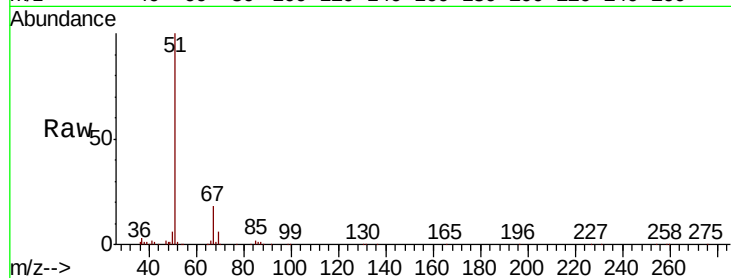
67 18.4 14.3 21.5

Manual Integrations

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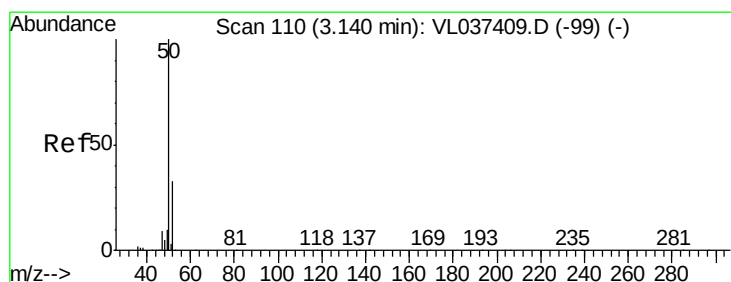
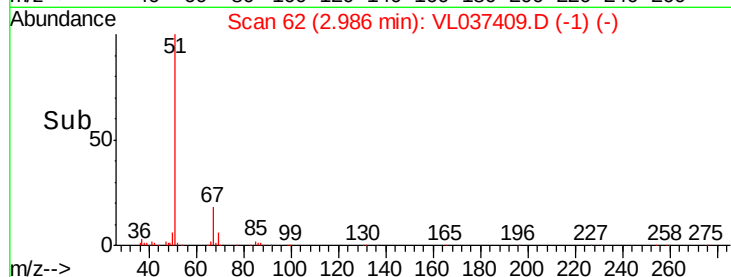
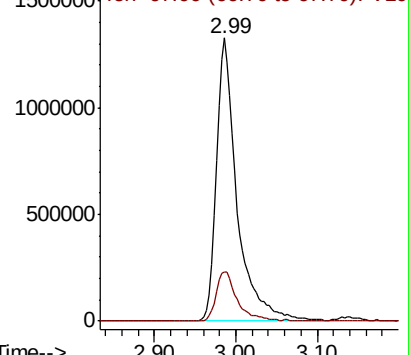
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.063 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037409.D

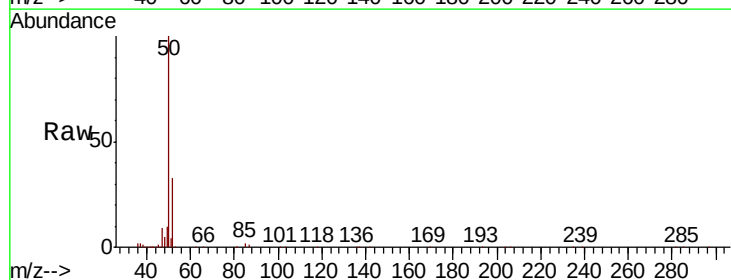
Acq: 12 Aug 2021 10:28

Tgt Ion: 50 Resp: 847021

Ion Ratio Lower Upper

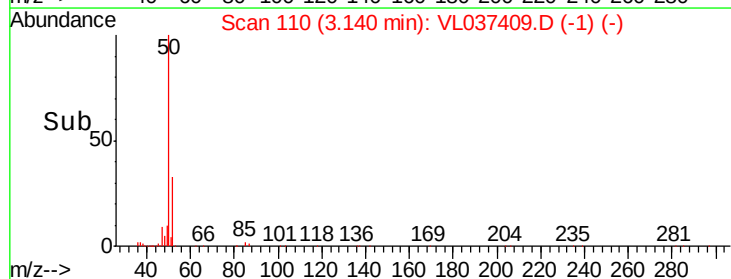
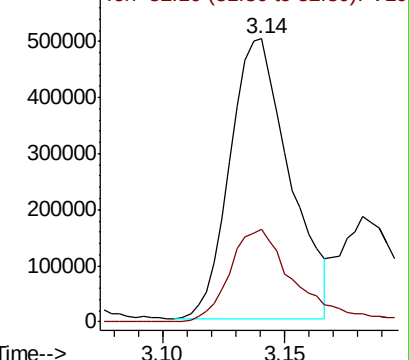
50 100

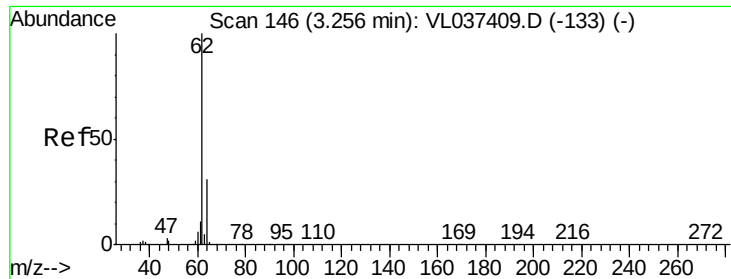
52 32.8 25.0 37.4



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.390 ppbv

RT: 3.26 min Scan# 146

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 62 Resp: 896544

Ion Ratio Lower Upper

62 100

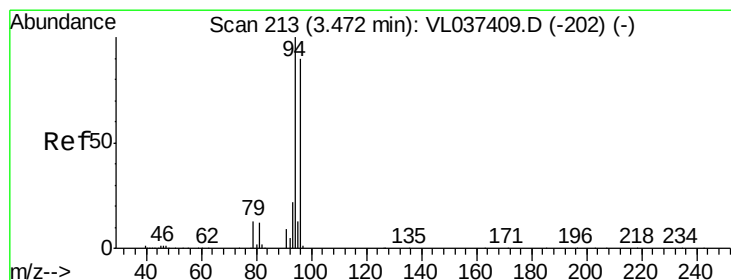
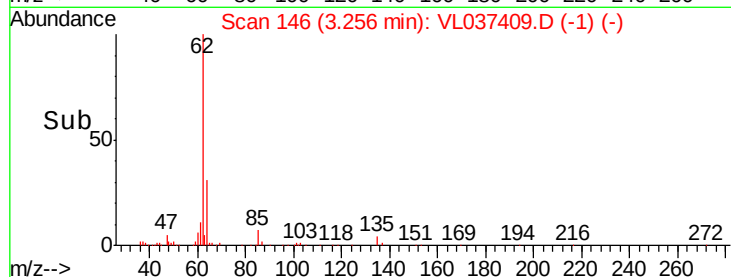
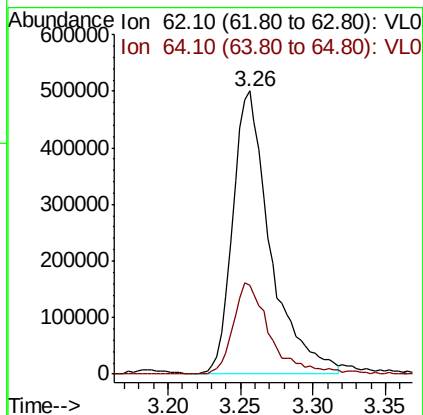
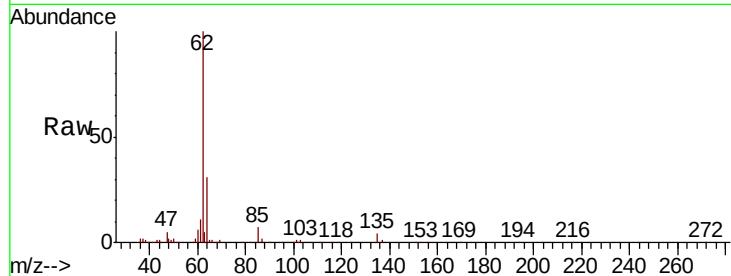
64 31.3 26.2 39.4

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#6

Bromomethane

Concen: 9.651 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL037409.D

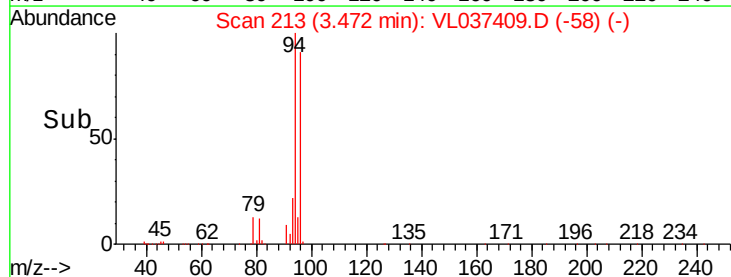
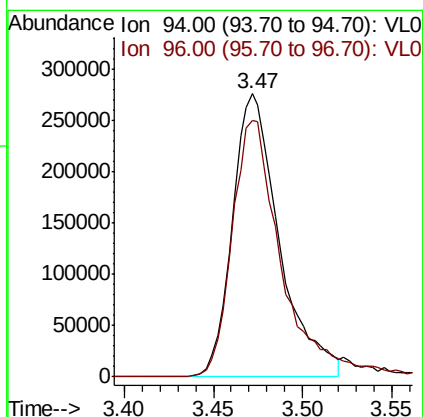
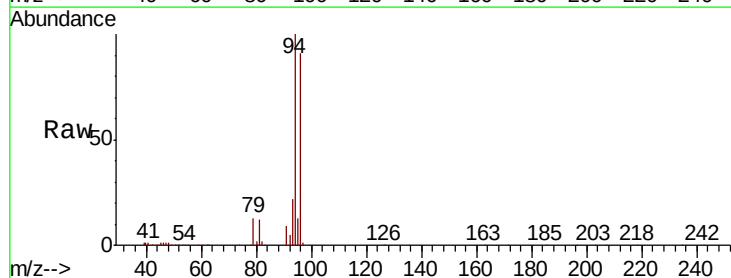
Acq: 12 Aug 2021 10:28

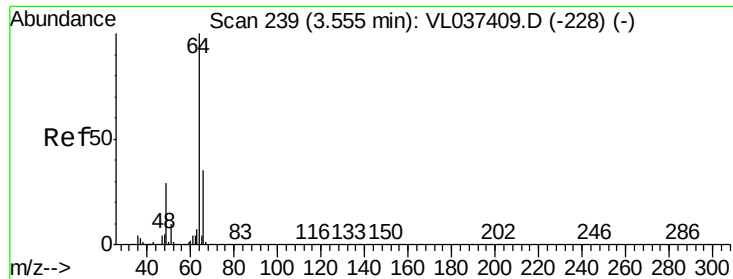
Tgt Ion: 94 Resp: 505099

Ion Ratio Lower Upper

94 100

96 90.3 75.0 112.6





#7

Chloroethane

Concen: 9.926 ppbv

RT: 3.56 min Scan# 239

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 64 Resp: 324513

Ion Ratio Lower Upper

64 100

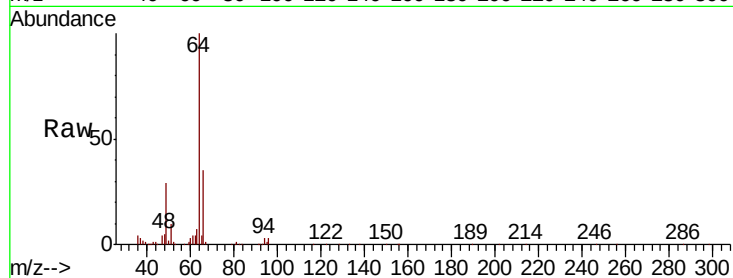
66 34.8 25.4 38.0

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

200000

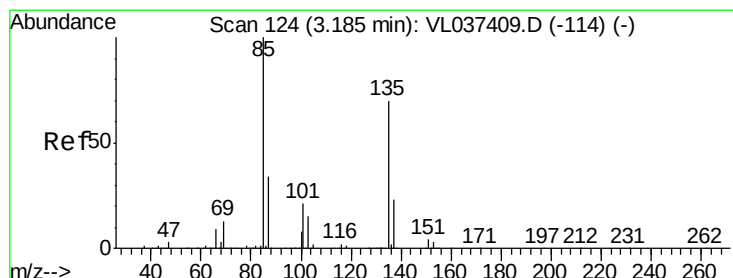
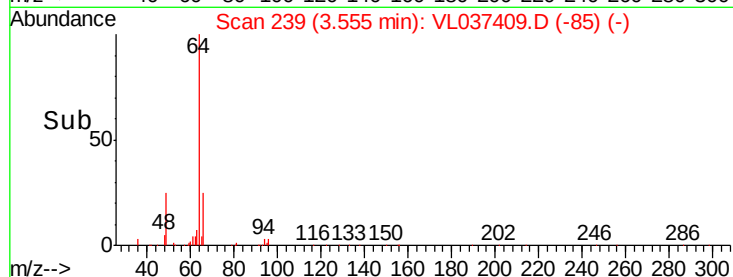
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.786 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL037409.D

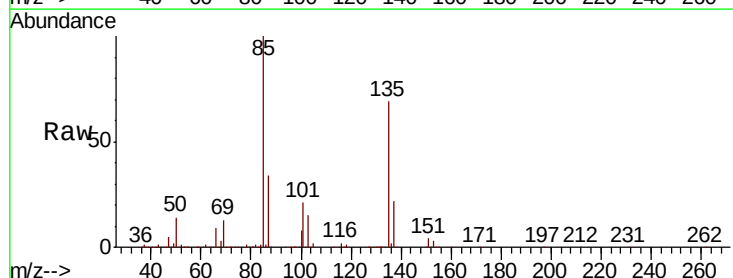
Acq: 12 Aug 2021 10:28

Tgt Ion: 85 Resp: 2106050

Ion Ratio Lower Upper

85 100

135 73.3 59.8 89.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

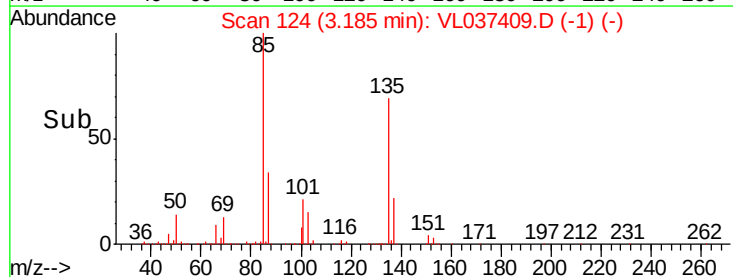
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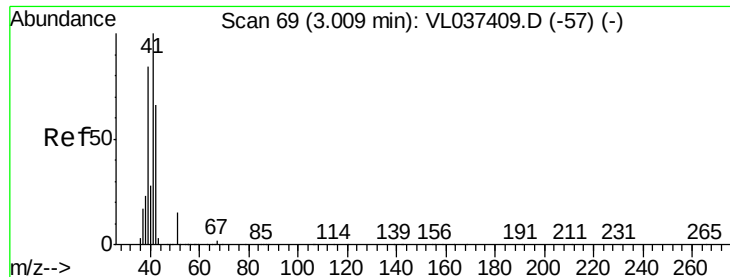
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500000

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Time-->





#9

Propene

Concen: 9.373 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 41 Resp: 809781

Ion Ratio Lower Upper

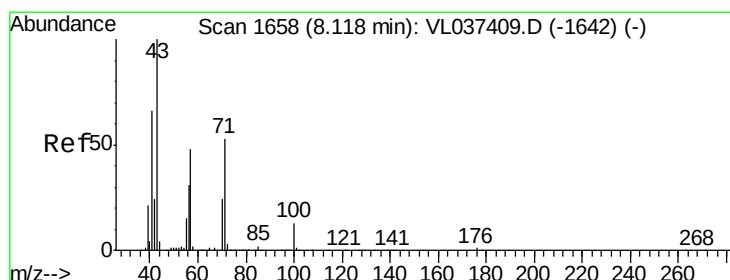
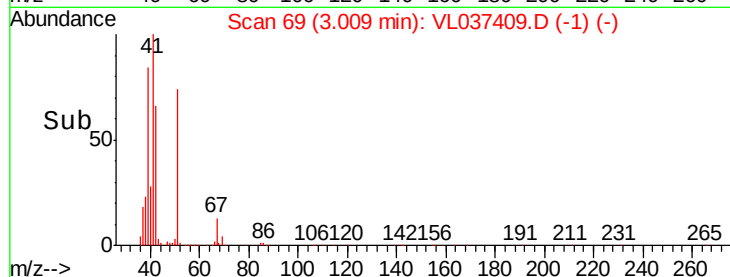
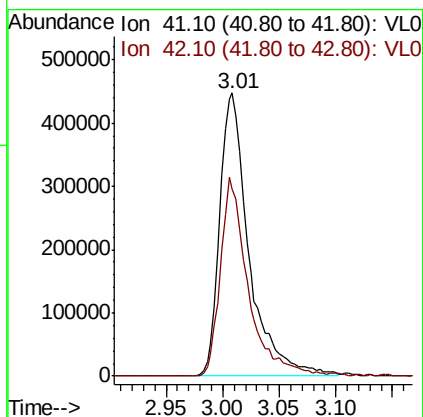
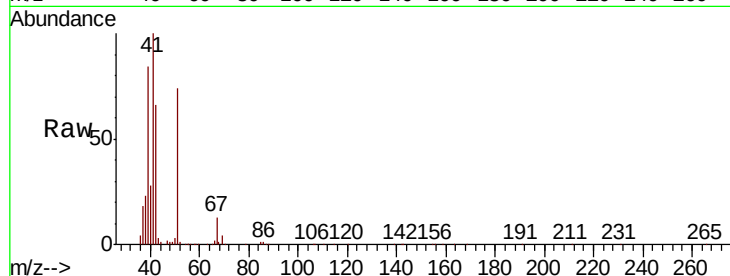
41 100

42 67.3 55.5 83.3

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#10

Heptane

Concen: 10.193 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VL037409.D

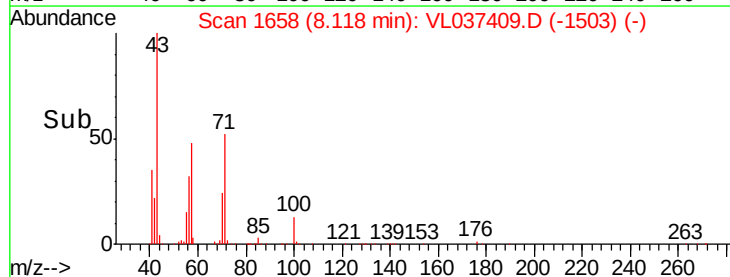
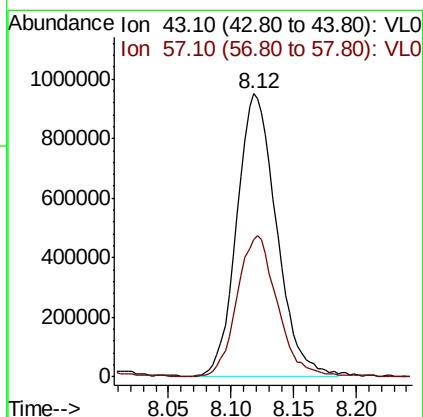
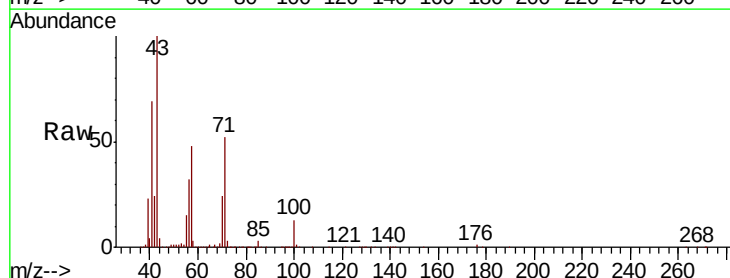
Acq: 12 Aug 2021 10:28

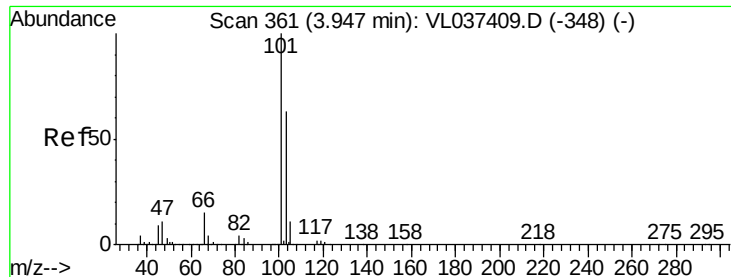
Tgt Ion: 43 Resp: 2082864

Ion Ratio Lower Upper

43 100

57 50.4 40.2 60.2





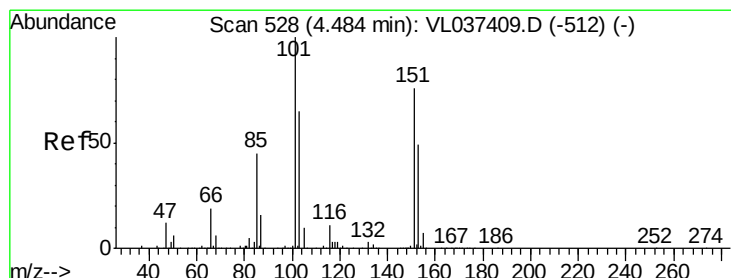
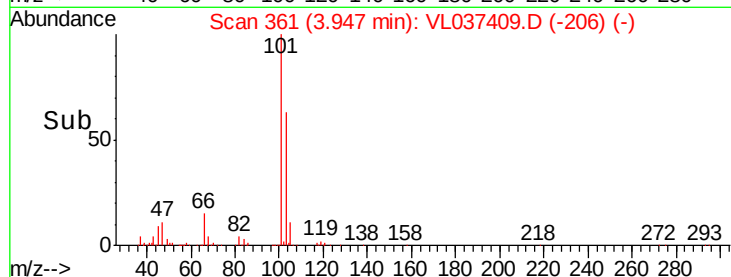
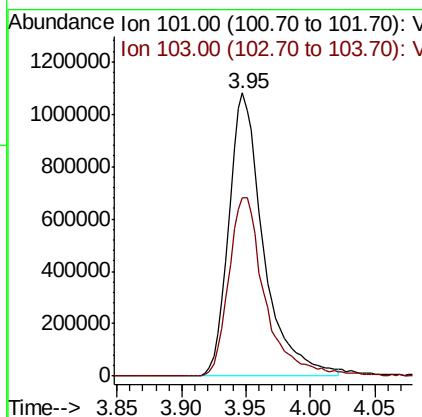
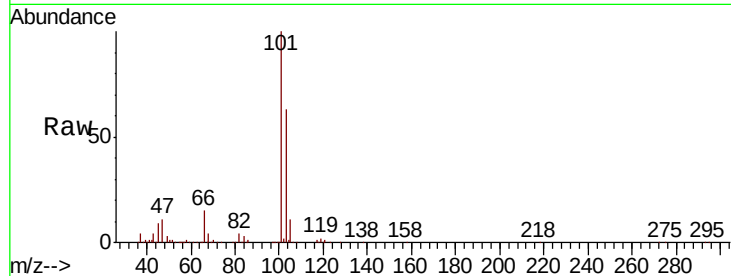
#11
 Trichlorofluoromethane
 Concen: 9.733 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ion	Ratio	Lower	Upper
2018581	101	100		
	103	62.8	51.2	76.8

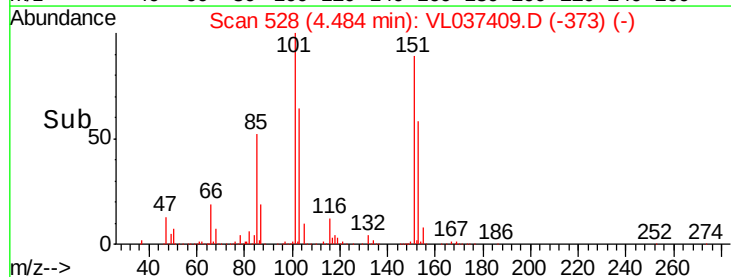
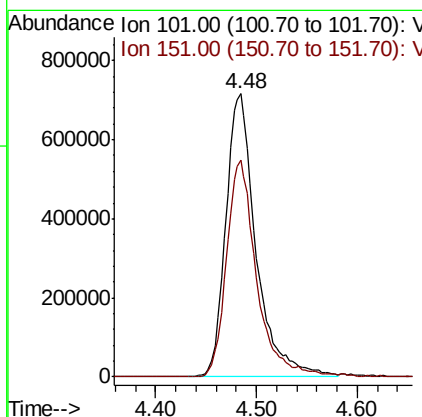
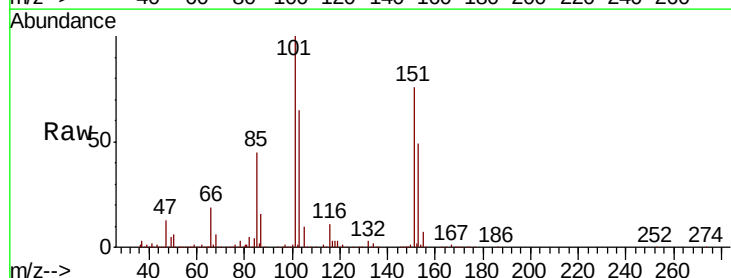
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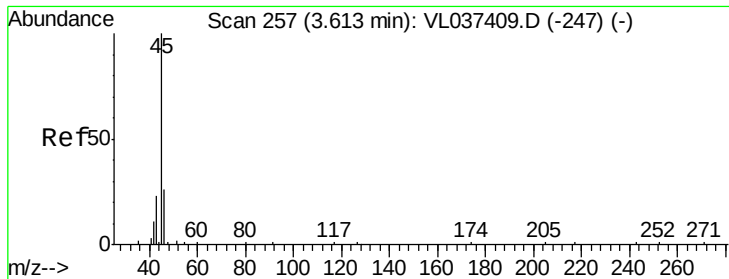
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.182 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion	Ion	Ratio	Lower	Upper
1502877	101	100		
	151	76.5	64.9	97.3





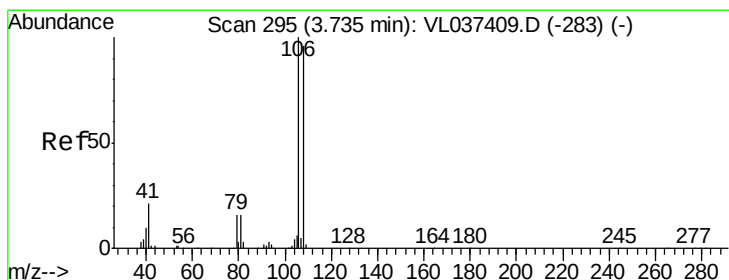
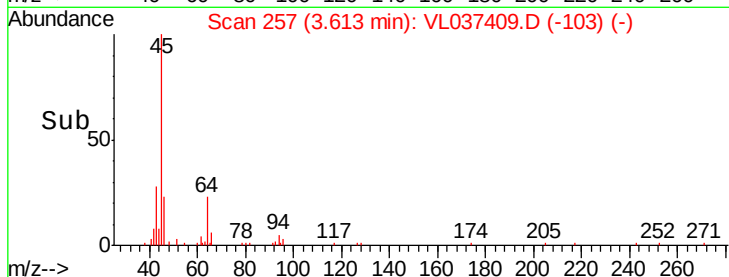
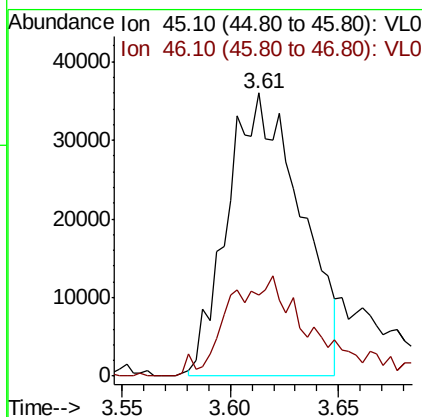
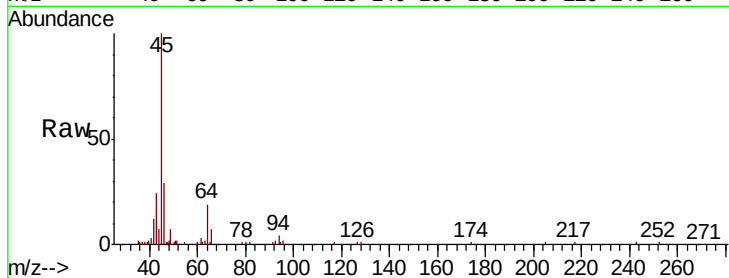
#13
Ethanol
Concen: 8.156 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
45	100		
46	45.1	15.8	63.4

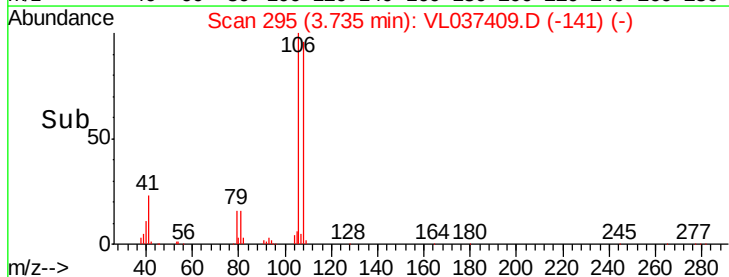
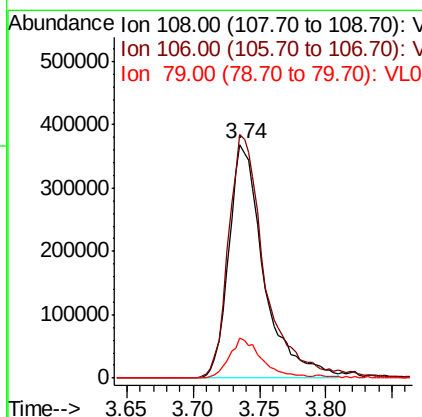
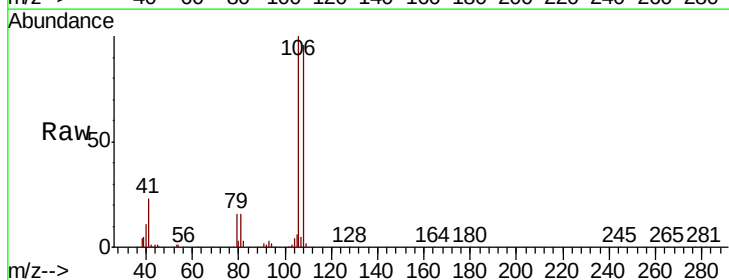
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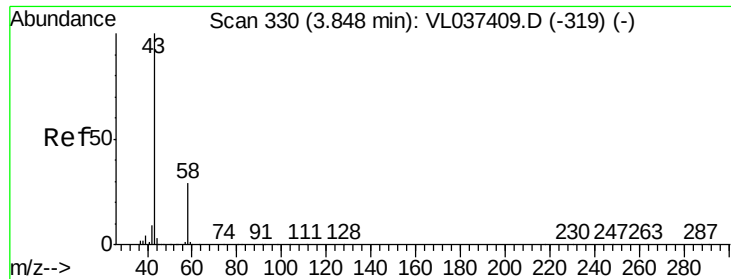
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#14
Bromoethene
Concen: 10.049 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
108	100		
106	109.4	86.2	129.4
79	16.9	13.2	19.8





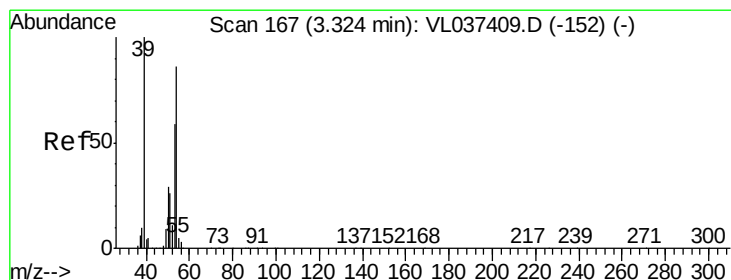
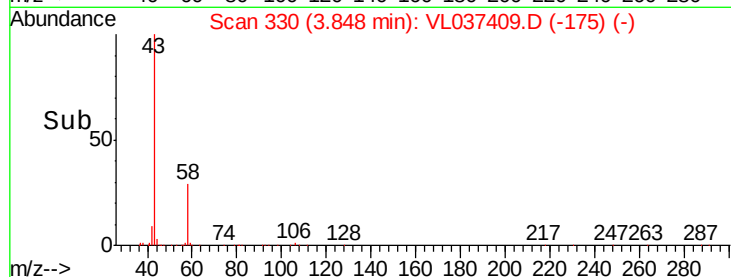
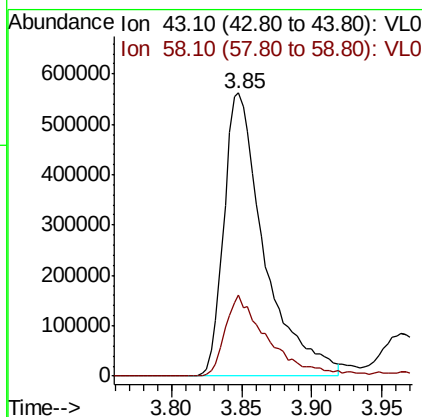
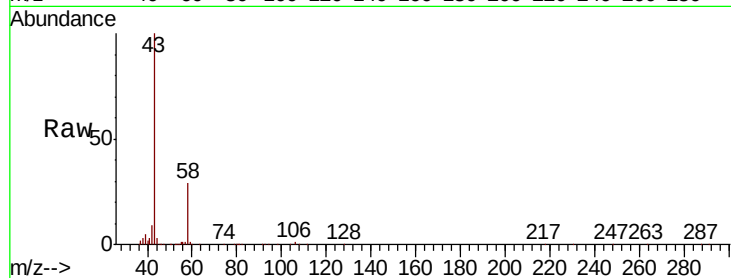
#15
Acetone
Concen: 8.629 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 43 Resp: 1122038
Ion Ratio Lower Upper
43 100
58 30.5 24.6 37.0

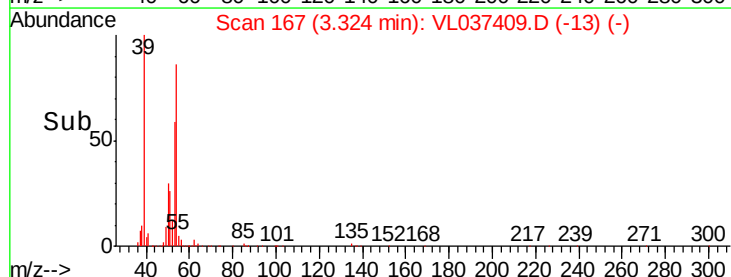
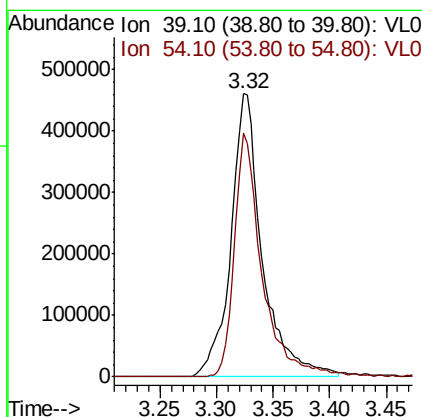
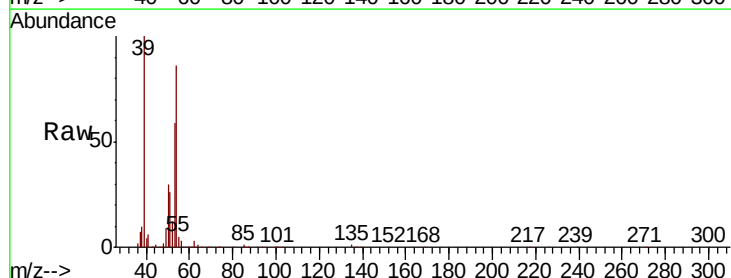
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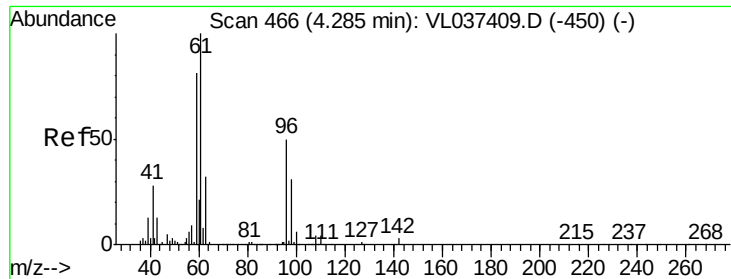
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#16
1,3-Butadiene
Concen: 9.715 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 39 Resp: 887424
Ion Ratio Lower Upper
39 100
54 76.7 60.9 91.3





#17

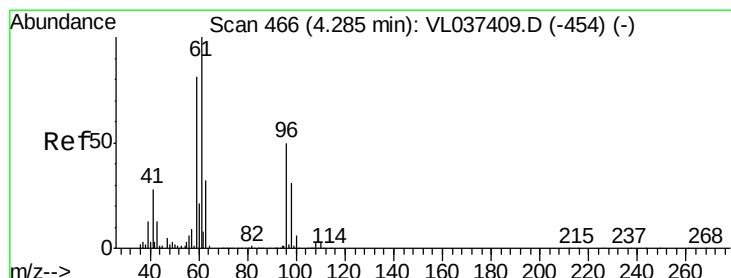
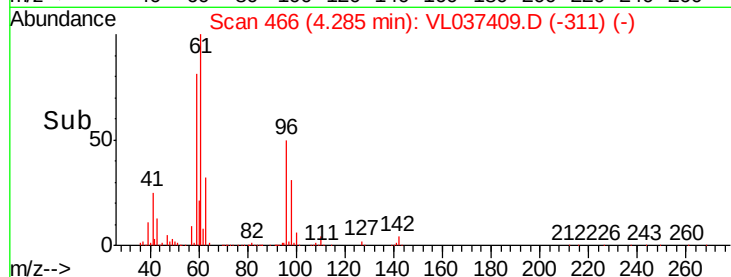
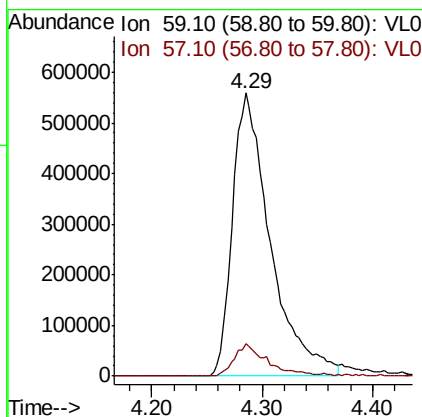
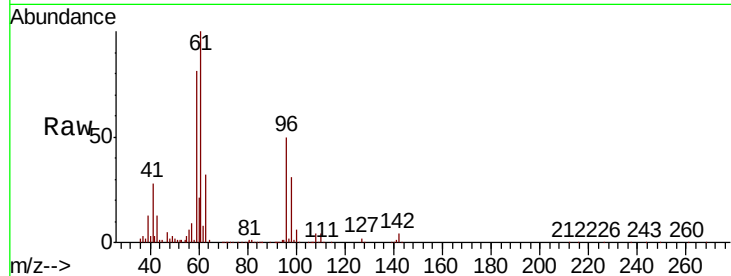
tert-Butyl alcohol
Concen: 11.445 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 59 Resp: 1331408
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0

Manual Integrations
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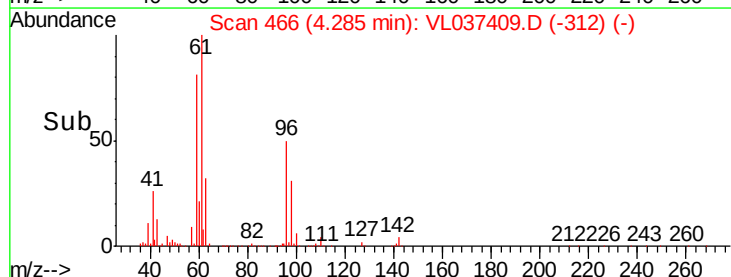
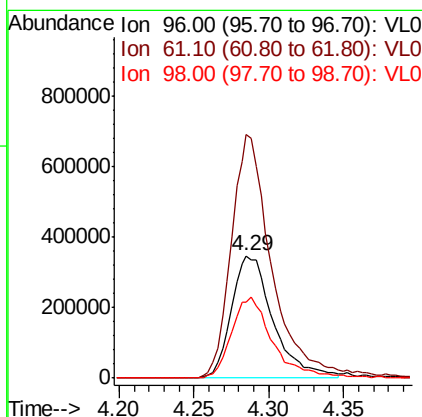
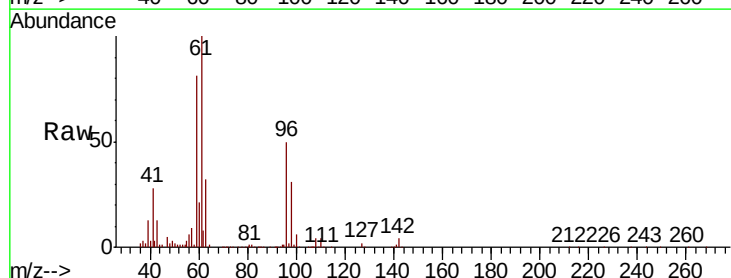
apatel
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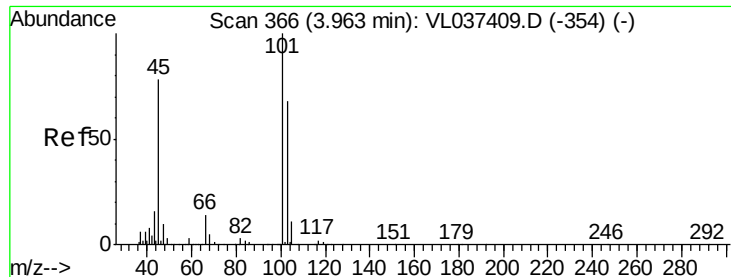


#18

1,1-Dichloroethene
Concen: 10.062 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 96 Resp: 672948
Ion Ratio Lower Upper
96 100
61 198.7 153.2 229.8
98 61.8 49.5 74.3





#19

Isopropyl Alcohol

Concen: 10.361 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 45 Resp: 775638

Ion Ratio Lower Upper

45 100

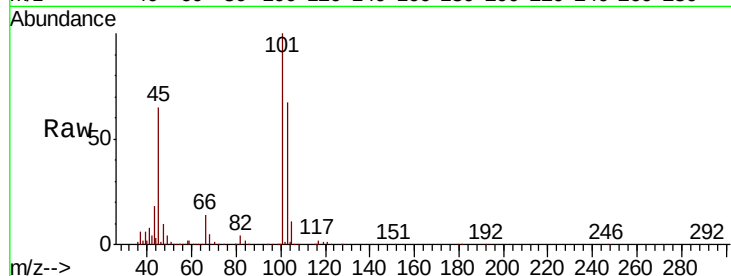
58 2.8 38.7 58.1#

Manual Integrations

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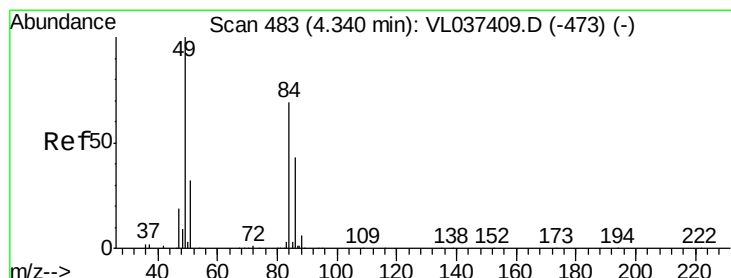
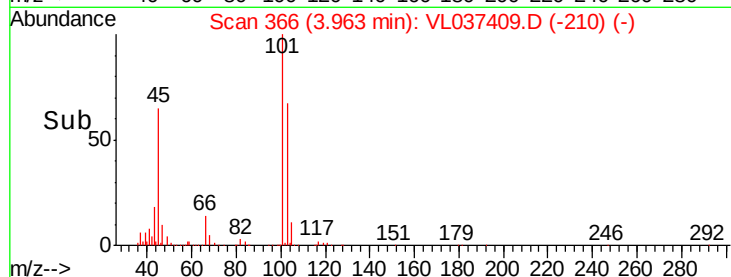
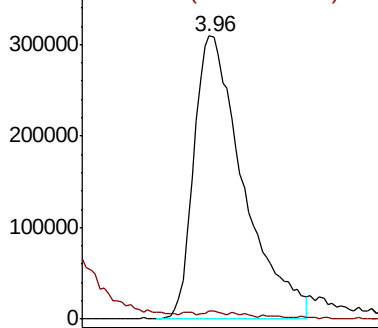
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 8.694 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion: 84 Resp: 613851

Ion Ratio Lower Upper

84 100

49 145.0 113.8 170.6

51 46.4 34.7 52.1

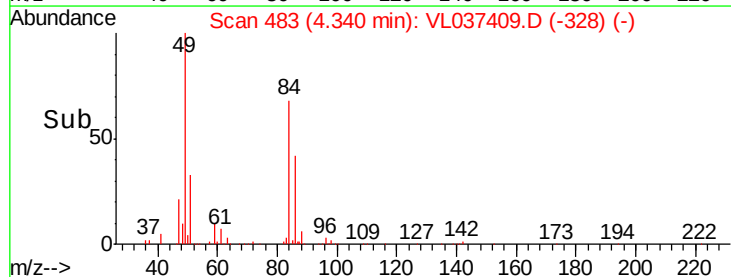
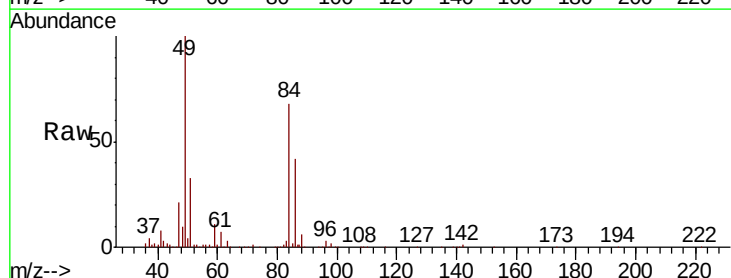
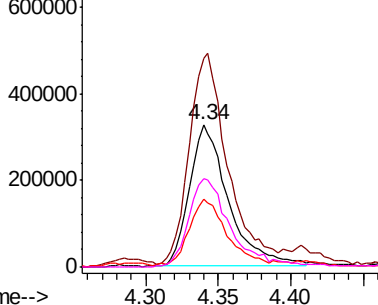
86 61.7 47.4 71.0

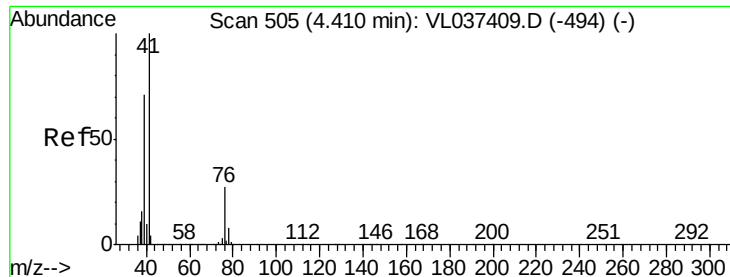
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#21

Allvl Chloride

Concen: 10.216 ppbv

RT: 4.41 min Scan# 505

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

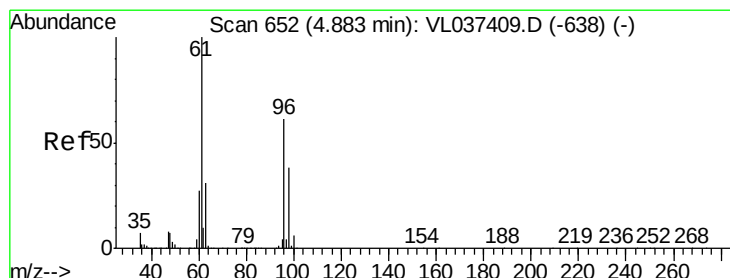
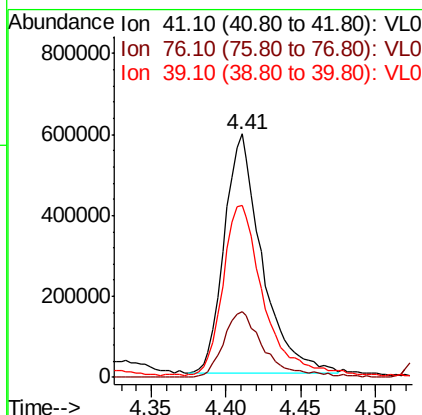
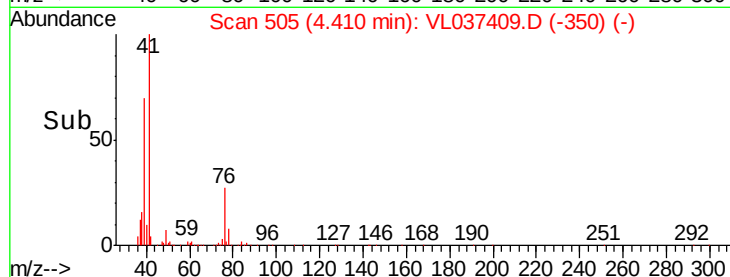
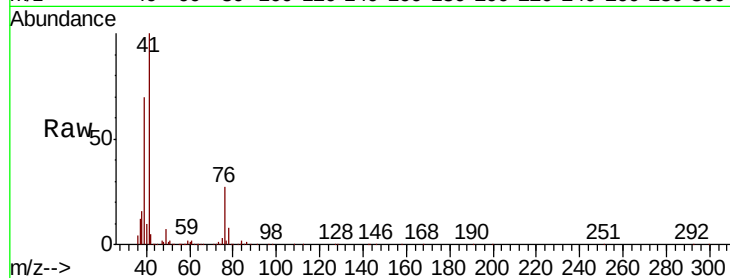
ClientSampleId :

VSTDICCC010

Tot Ion:	41	Resp:	1041971
Ion	Ratio	Lower	Upper
41	100		
76	29.6	23.0	34.4
39	77.9	61.4	92.0

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#22

trans-1,2-Dichloroethene

Concen: 10.287 ppbv

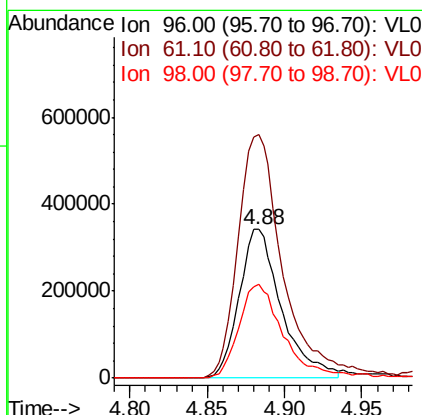
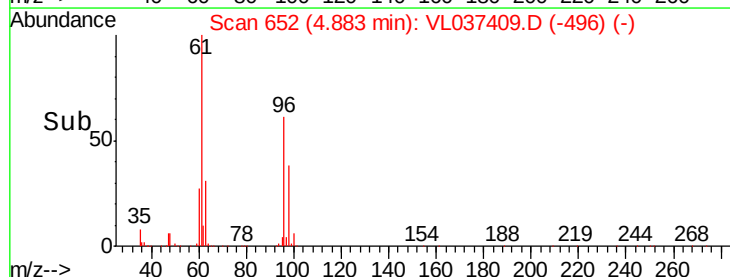
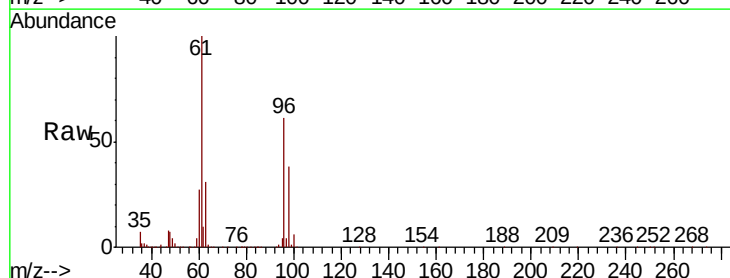
RT: 4.88 min Scan# 652

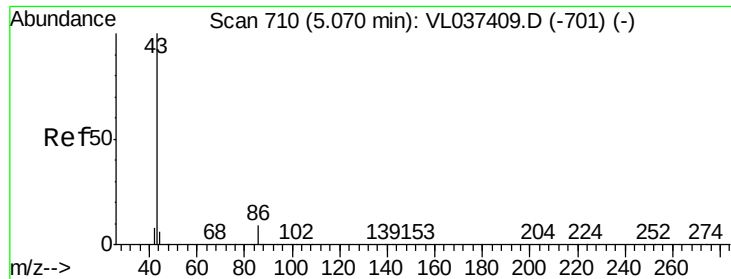
Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion:	96	Resp:	650176
Ion	Ratio	Lower	Upper
96	100		
61	163.7	132.2	198.4
98	62.8	48.7	73.1





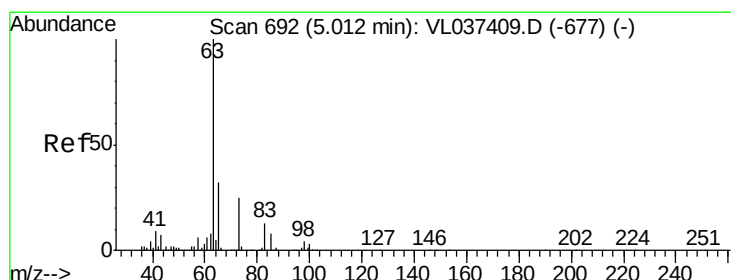
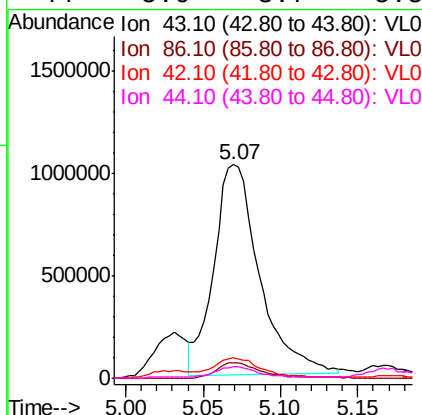
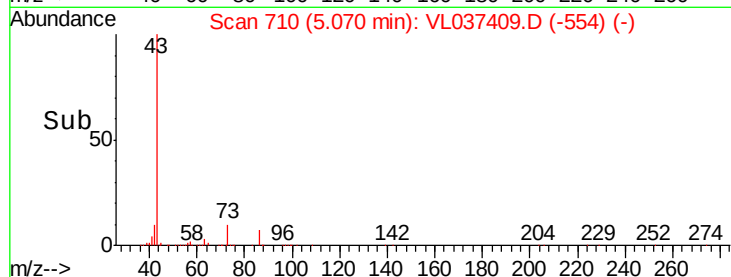
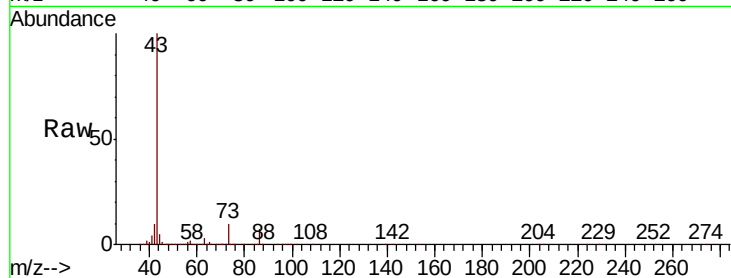
#23
 Vinyl Acetate
 Concen: 10.161 ppbv
 RT: 5.07 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	43	Resp	2123443
Ion	Ratio	Lower	Upper
43	100		
86	7.3	4.8	7.2#
42	9.6	7.3	10.9
44	5.0	3.7	5.5

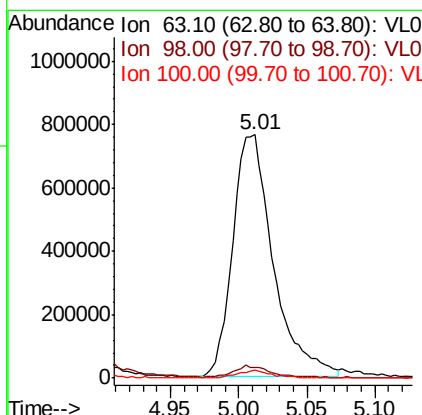
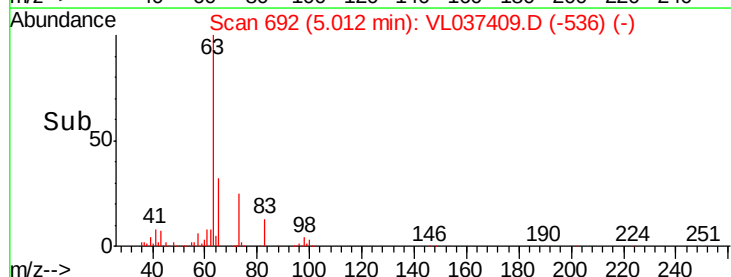
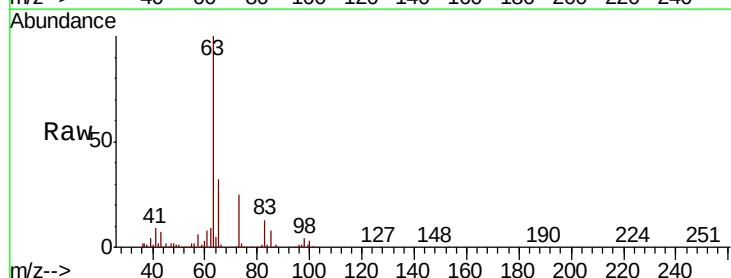
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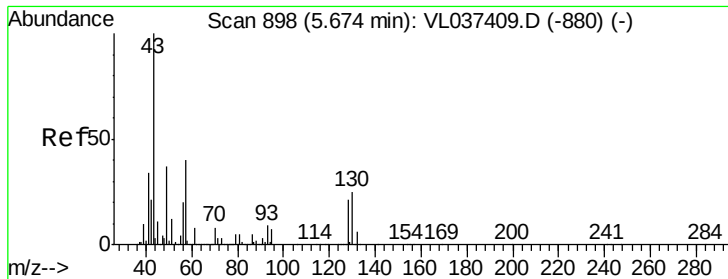
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#24
 1,1-Dichloroethane
 Concen: 9.638 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion	63	Resp	1584143
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.5	7.5
100	3.1	1.4	4.2





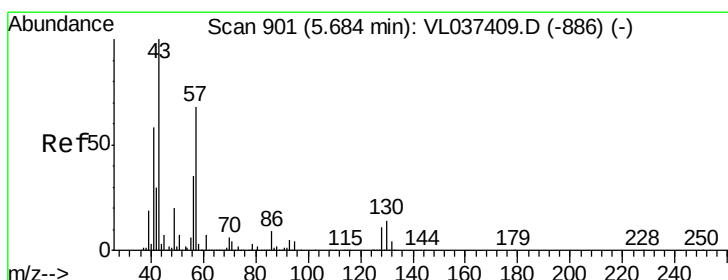
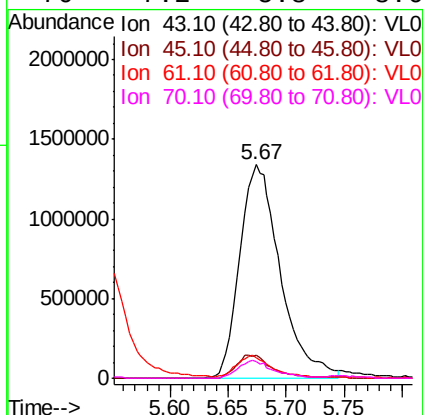
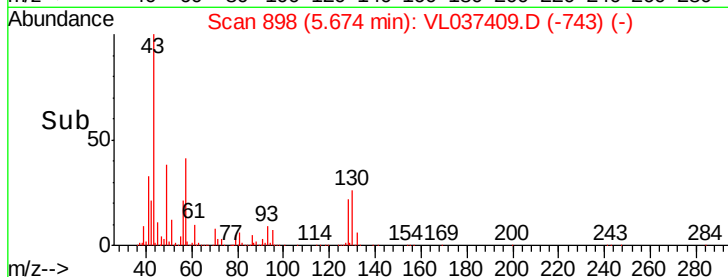
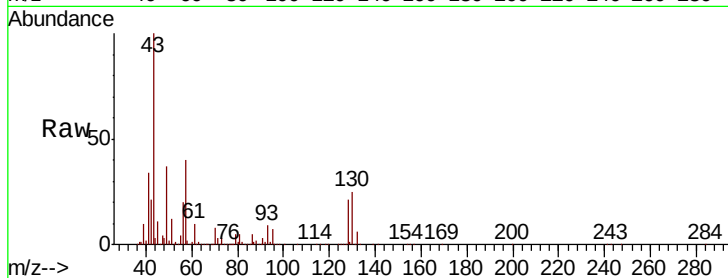
#25
Ethyl Acetate
Concen: 9.736 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	9.9	8.0	12.0	
61	9.6	7.7	11.5	
70	7.2	5.8	8.6	

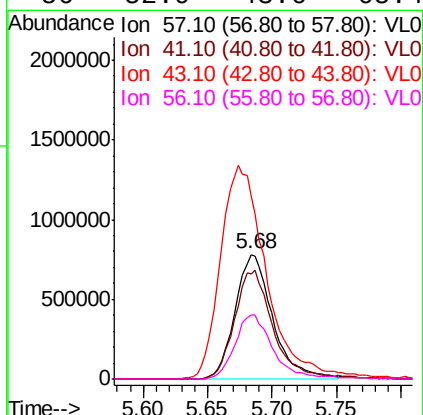
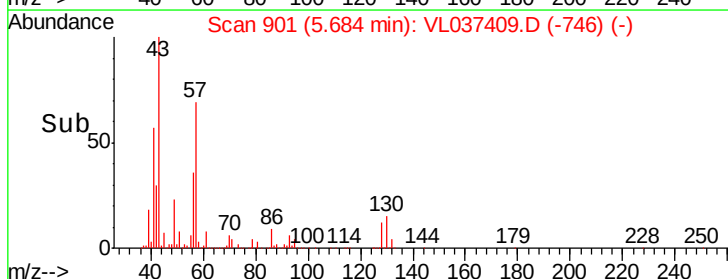
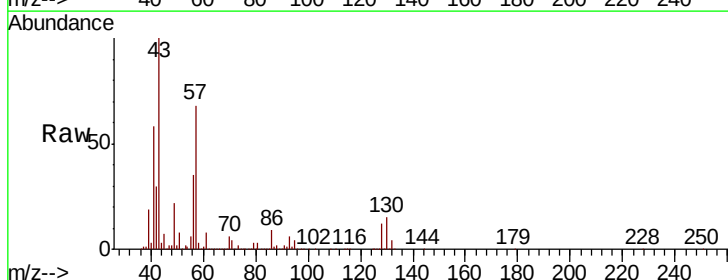
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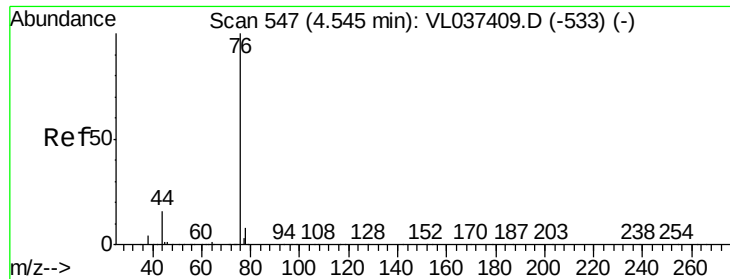
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#26
Hexane
Concen: 9.397 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	90.6	73.4	110.0	
43	211.6	174.4	261.6	
56	52.9	43.6	65.4	





#27

Carbon Disulfide

Concen: 11.344 ppbv

RT: 4.55 min Scan# 547

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 76 Resp: 1602806

Ion Ratio Lower Upper

76 100

44 18.0 13.7 20.5

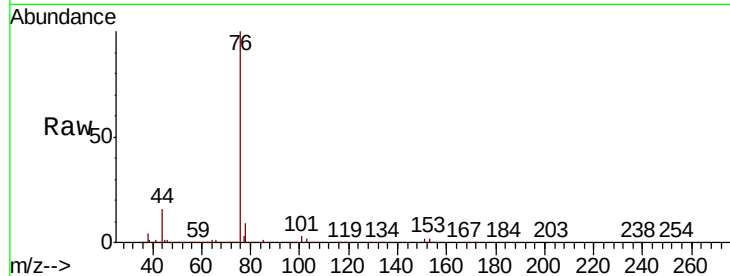
78 10.0 7.7 11.5

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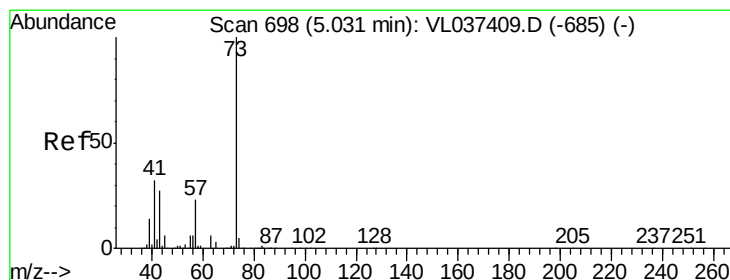
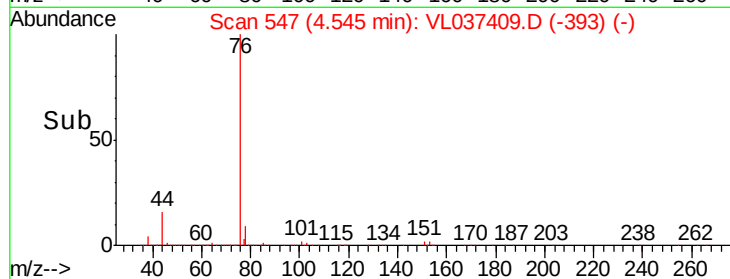
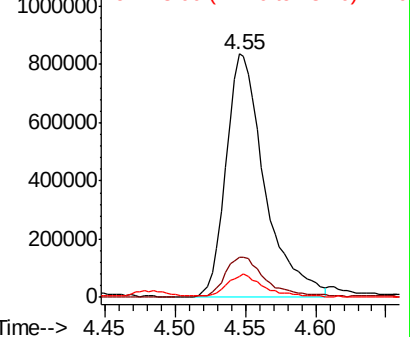
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Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.018 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.00 min

Lab File: VL037409.D

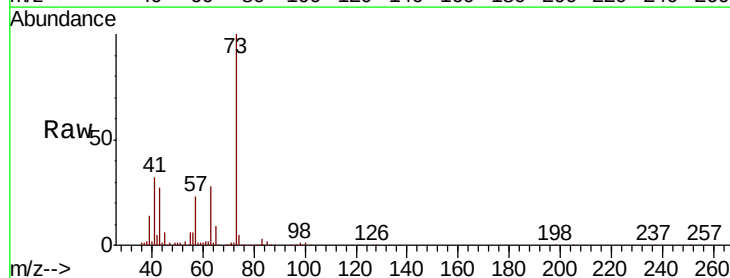
Acq: 12 Aug 2021 10:28

Tgt Ion: 73 Resp: 1803584

Ion Ratio Lower Upper

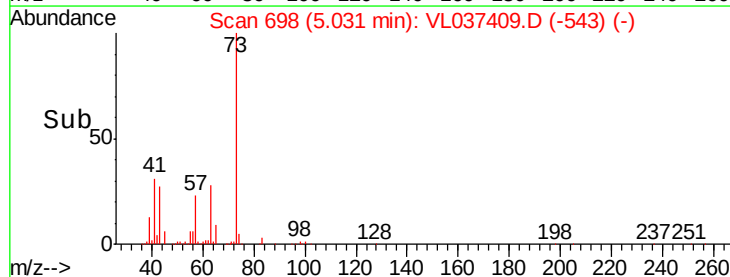
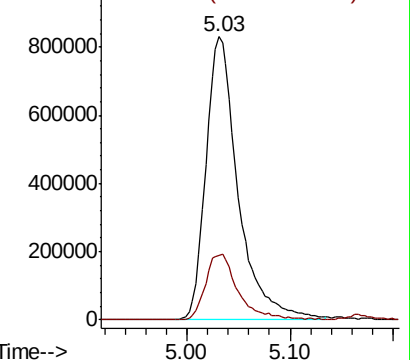
73 100

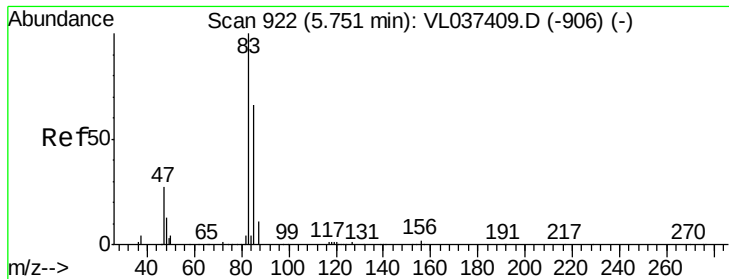
57 23.7 18.8 28.2



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





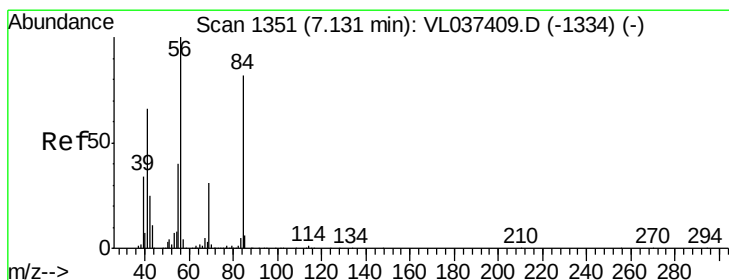
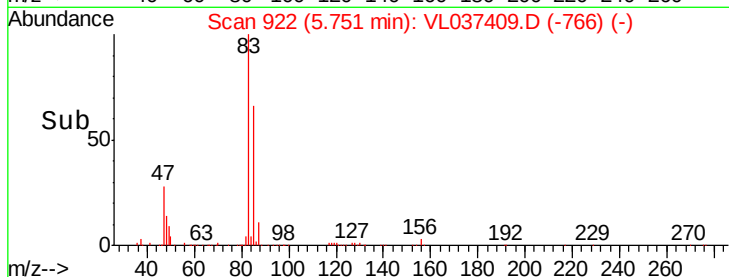
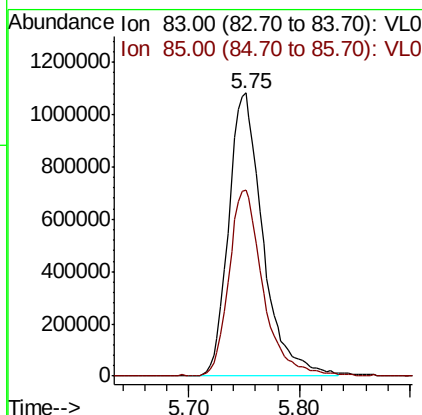
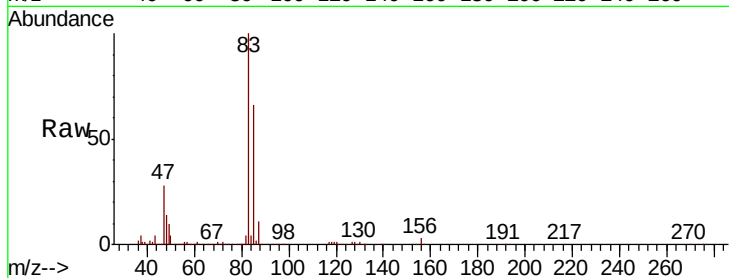
#29
Chloroform
Concen: 9.665 ppbv
RT: 5.75 min Scan# 922
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 83 Resp: 2336415
Ion Ratio Lower Upper
83 100
85 65.5 52.8 79.2

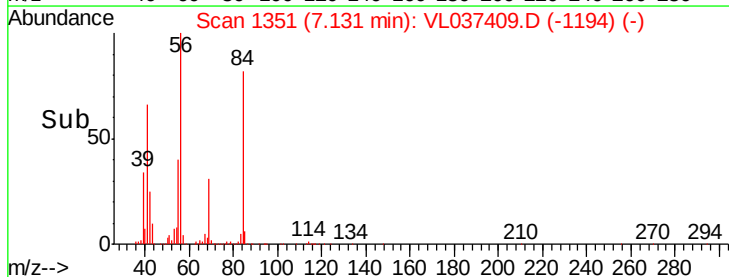
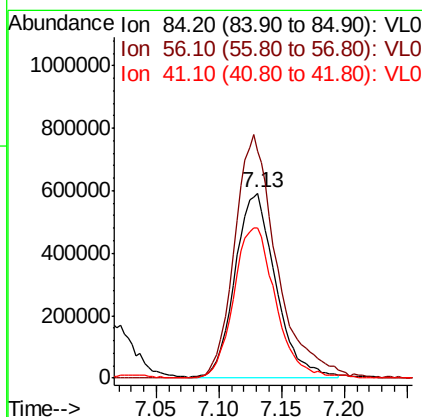
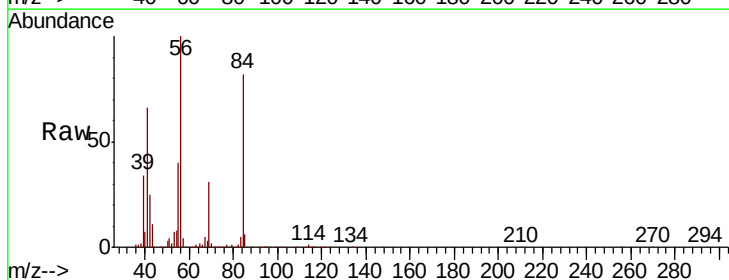
Manual Integrations
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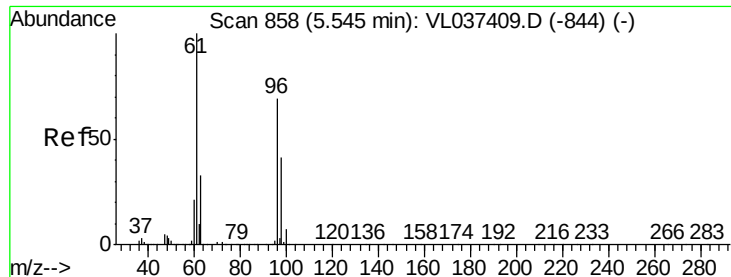
apatel
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#30
Cyclohexane
Concen: 9.623 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 84 Resp: 1342930
Ion Ratio Lower Upper
84 100
56 137.0 109.4 164.0
41 83.2 66.2 99.2





#31

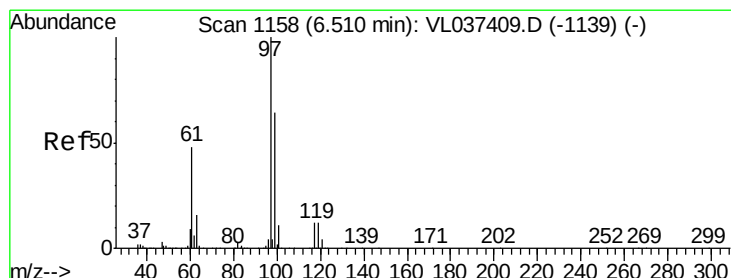
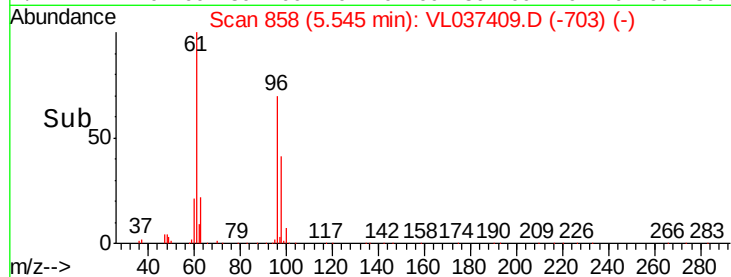
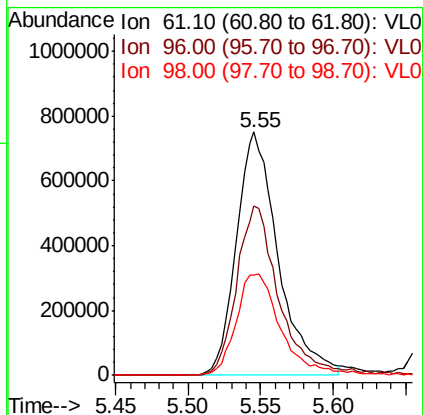
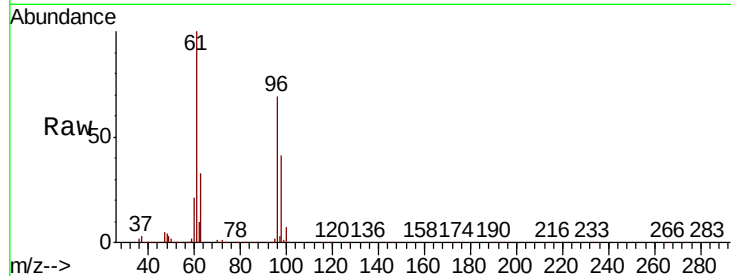
cis-1,2-Dichloroethene
 Concen: 9.946 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	69.4	56.0	84.0
98	41.4	36.8	55.2

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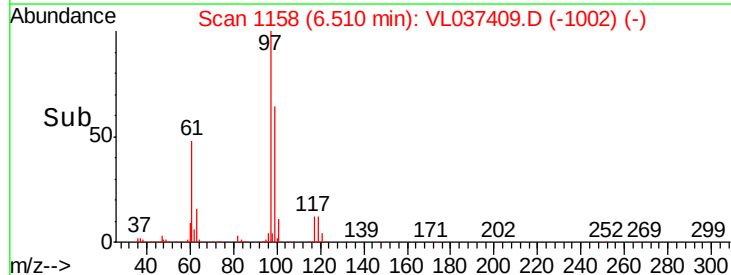
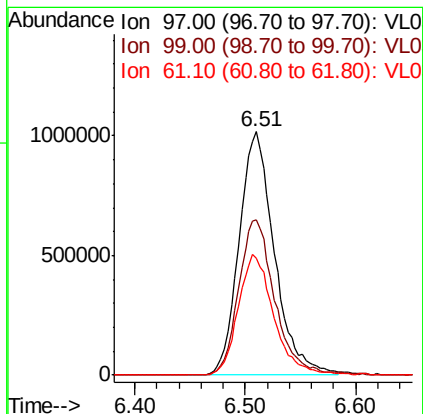
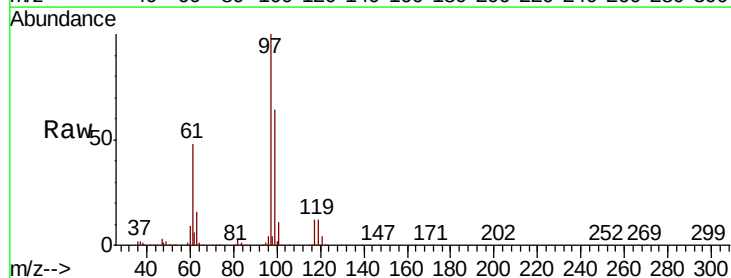
apatel
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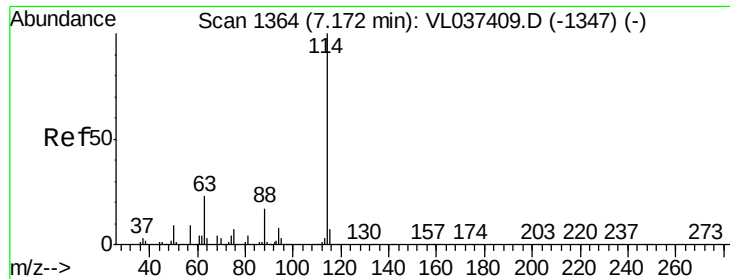


#32

1,1,1-Trichloroethane
 Concen: 9.643 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.7	79.1
61	50.1	39.9	59.9





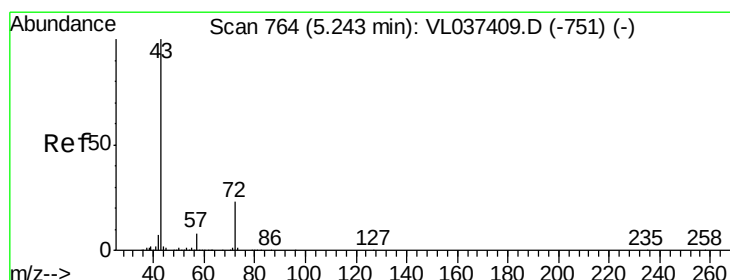
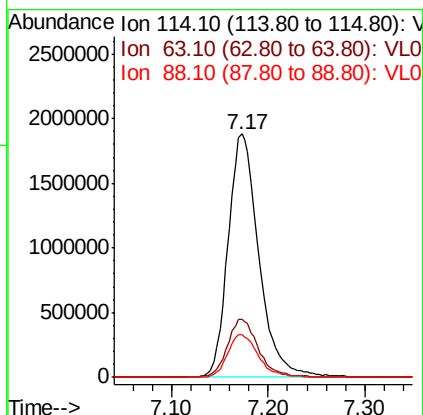
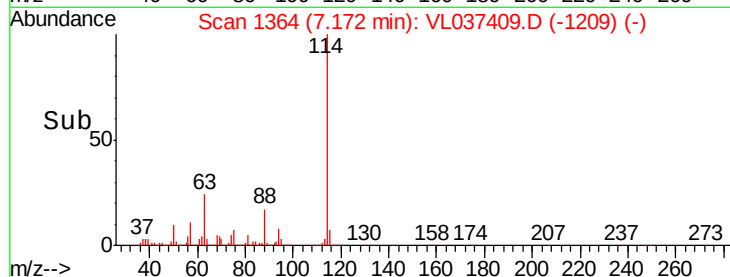
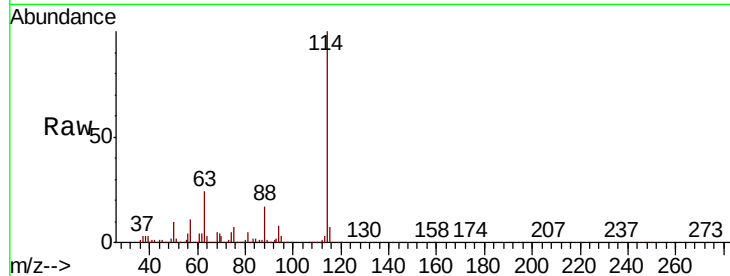
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:114 Resp: 4159679
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.5 29.3
 88 17.8 14.3 21.5

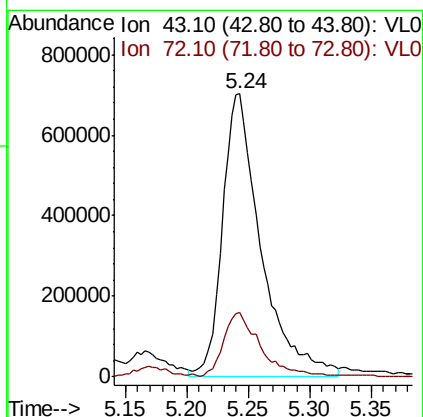
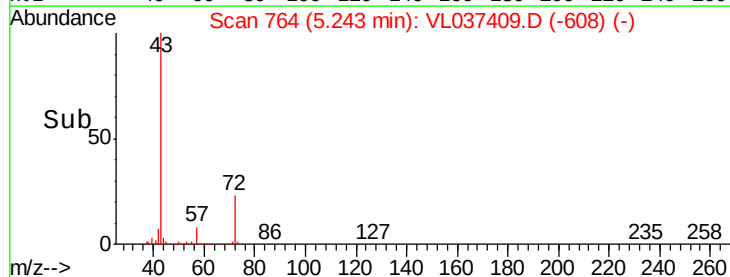
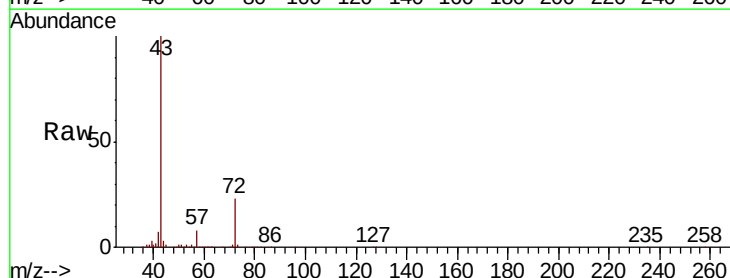
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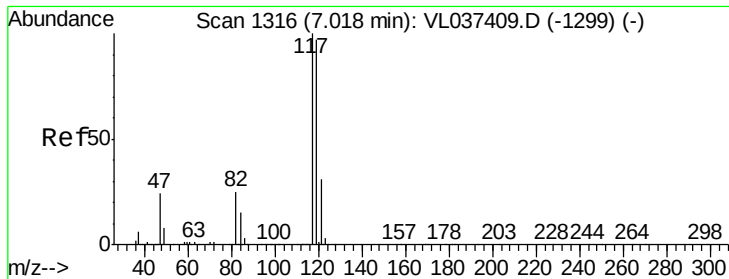
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#34
 2-Butanone
 Concen: 9.755 ppbv m
 RT: 5.24 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion: 43 Resp: 1541726
 Ion Ratio Lower Upper
 43 100
 72 22.1 19.6 29.4





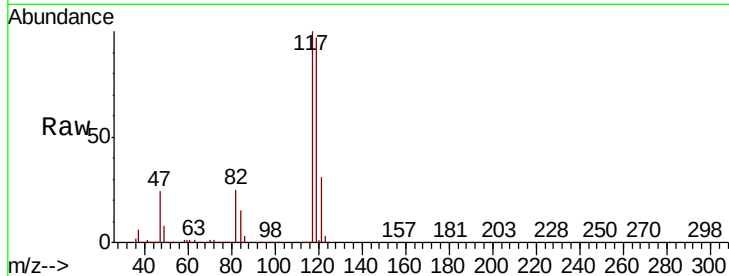
#35
Carbon Tetrachloride
Concen: 10.248 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.1	114.1
121	30.9	24.4	36.6

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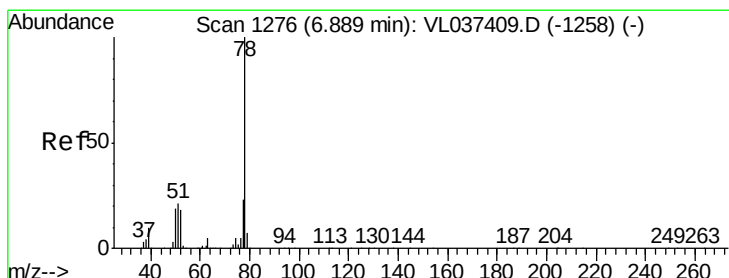
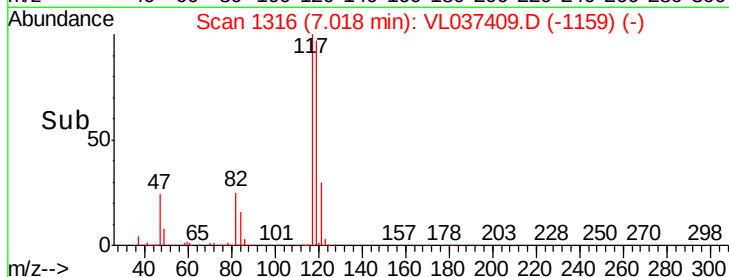
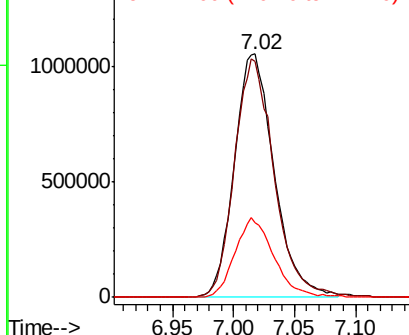


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36
Benzene
Concen: 9.775 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

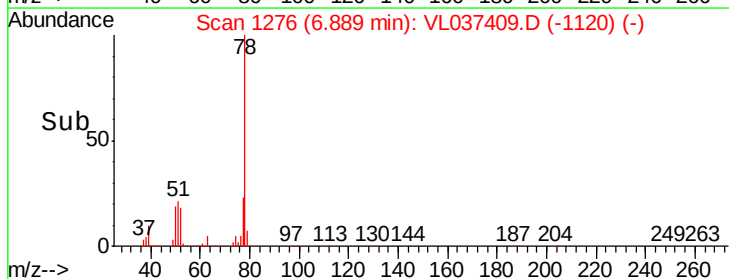
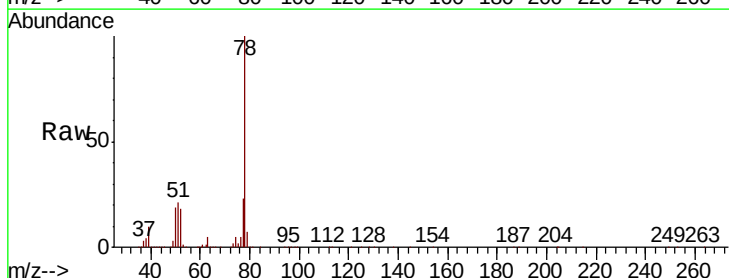
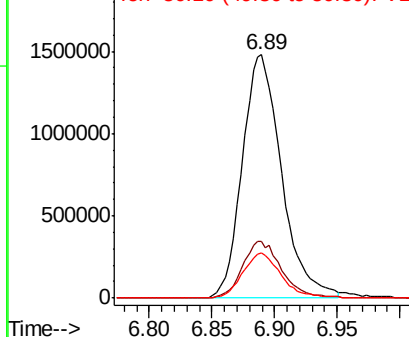
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0
50	18.6	14.3	21.5

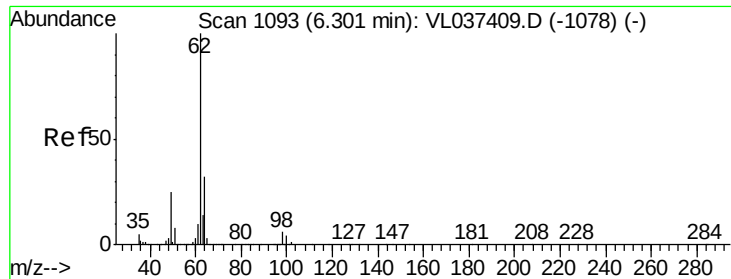
Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





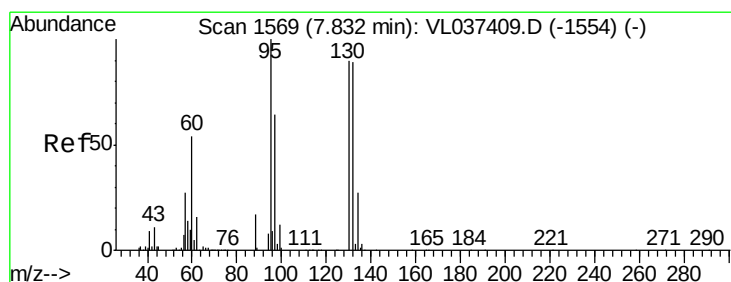
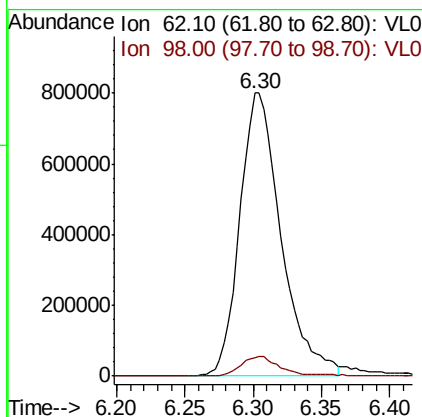
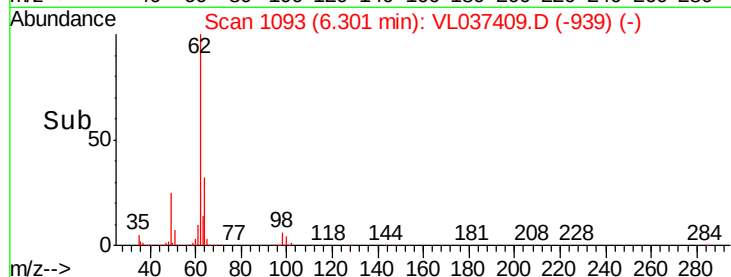
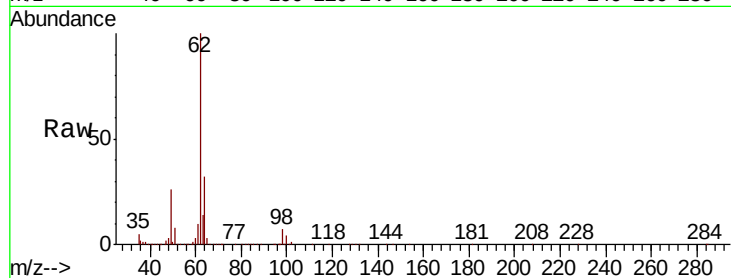
#37
 1,2-Dichloroethane
 Concen: 9.979 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.8	5.8	8.8

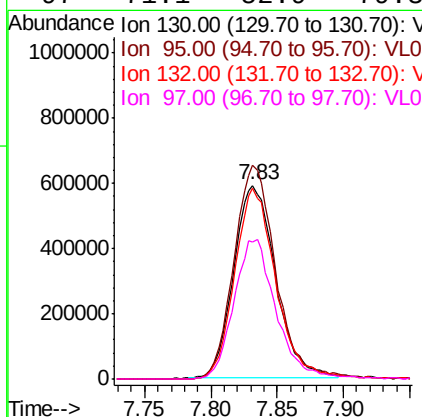
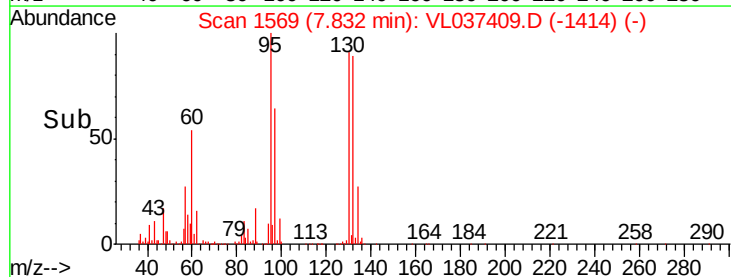
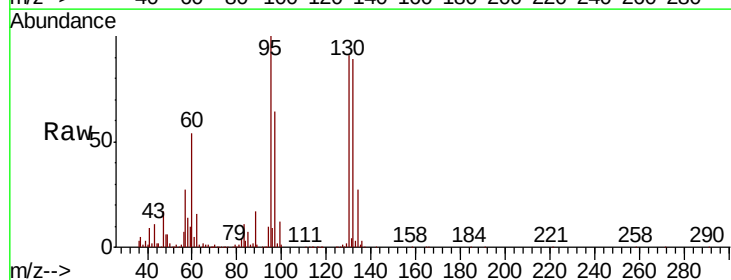
Manual Integrations
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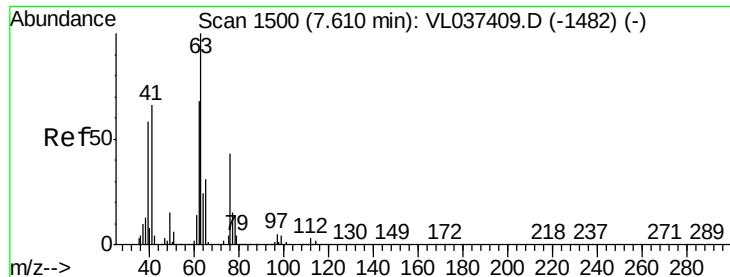
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#38
 Trichloroethene
 Concen: 9.254 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	110.7	89.5	134.3
132	99.0	74.2	111.4
97	71.1	52.9	79.3





#39

1,2-Dichloropropane

Concen: 10.212 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

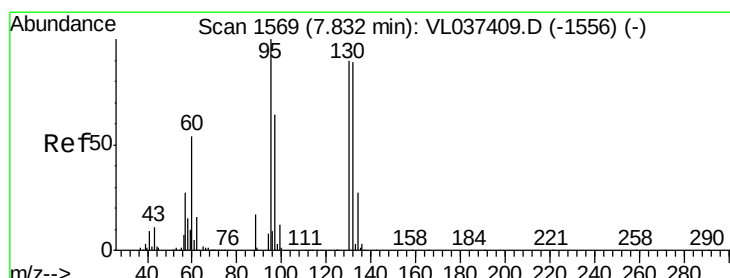
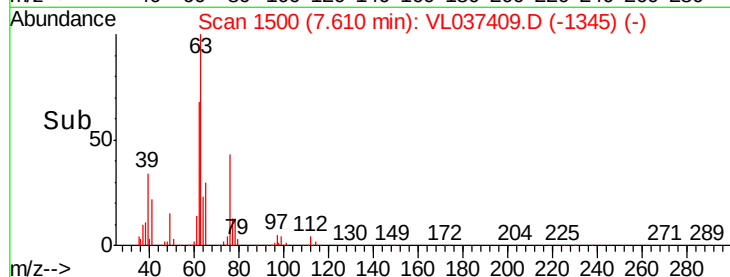
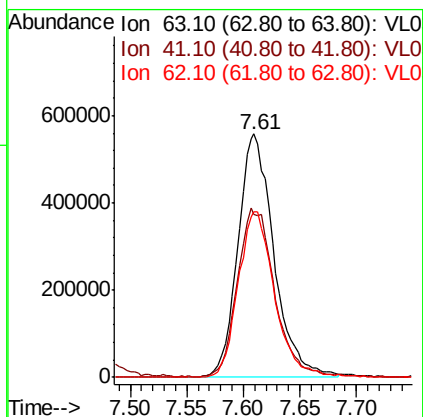
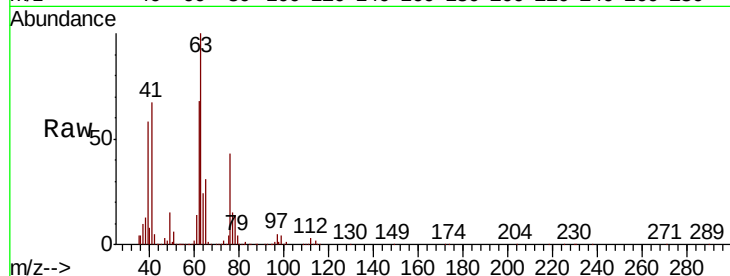
ClientSampleId :

VSTDICCC010

Tot Ion:	63	Resp:	1232409
Ion	Ratio	Lower	Upper
63	100		
41	66.3	54.8	82.2
62	68.1	54.5	81.7

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#40

1,4-Dioxane

Concen: 8.786 ppbv

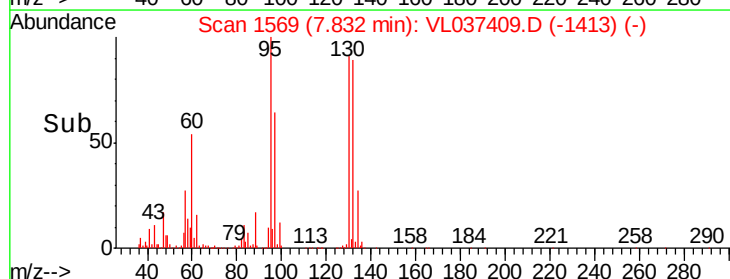
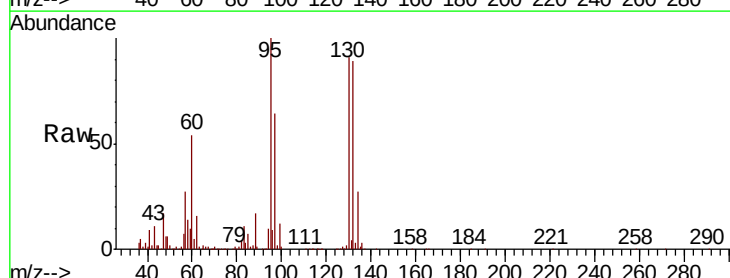
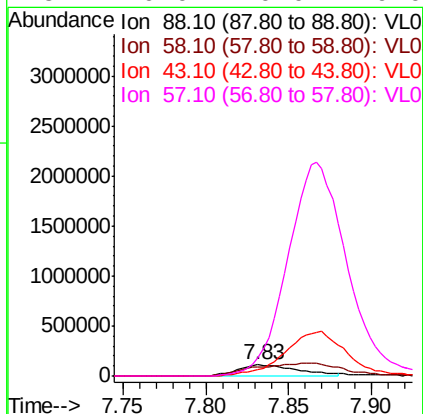
RT: 7.83 min Scan# 1569

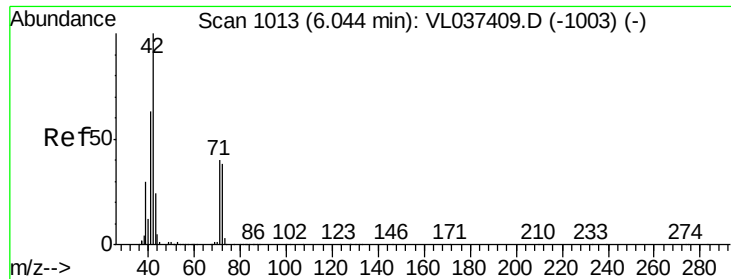
Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion:	88	Resp:	282513
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





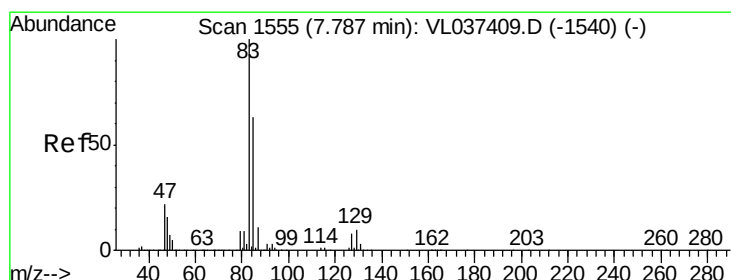
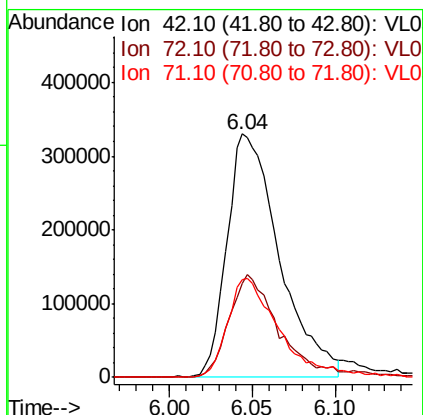
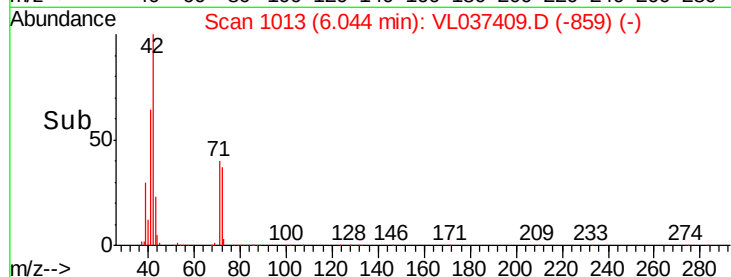
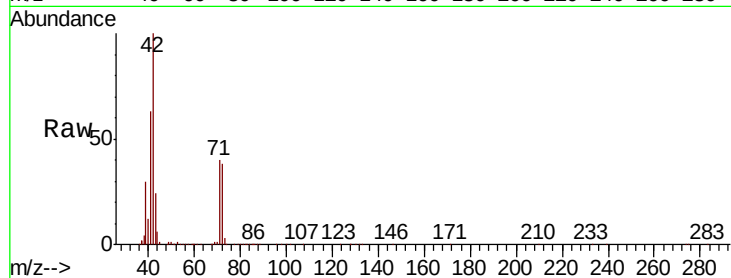
#41
Tetrahydrofuran
Concen: 9.776 ppbv
RT: 6.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.4	51.6
71	40.7	32.3	48.5

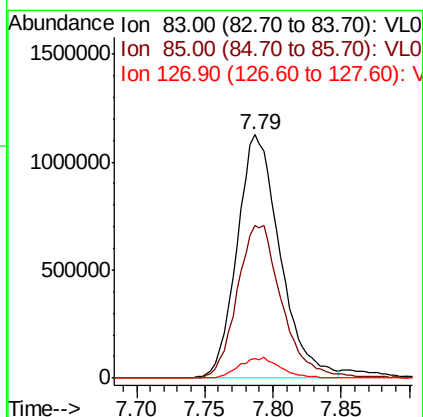
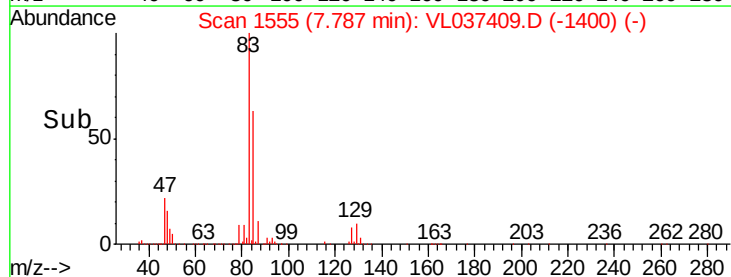
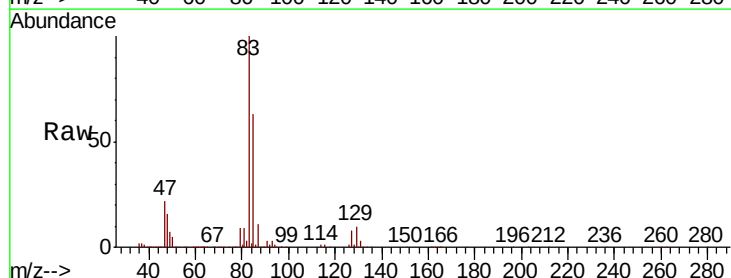
Manual Integrations
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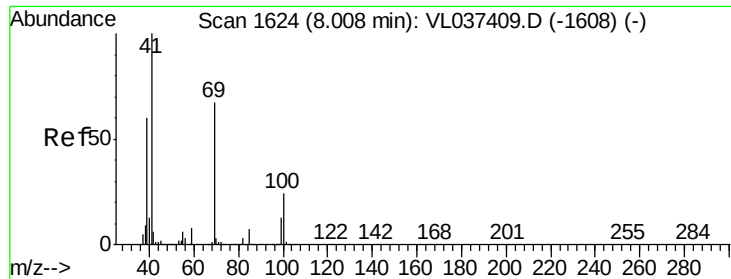
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#42
Bromodichloromethane
Concen: 10.322 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8
127	8.2	6.7	10.1





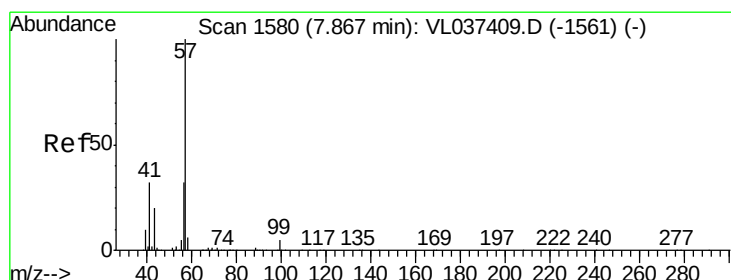
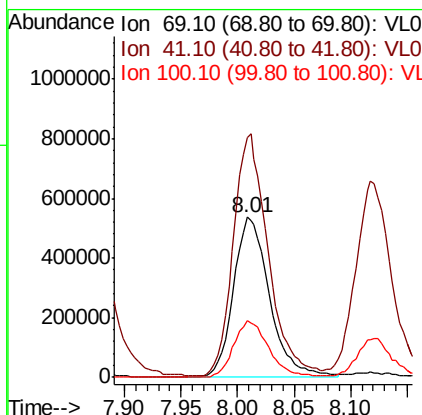
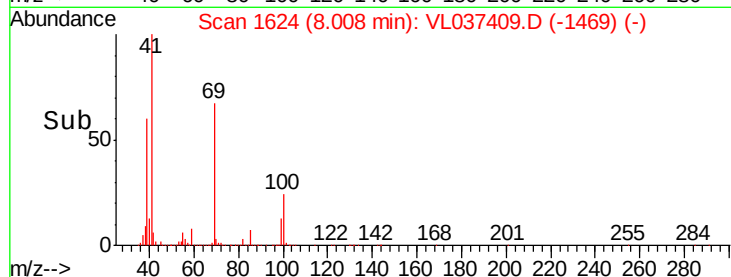
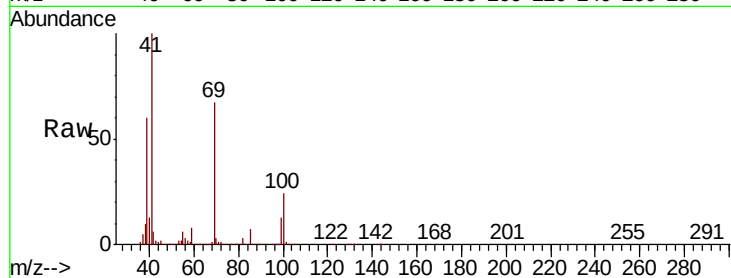
#43
Methvl Methacrylate
Concen: 10.391 ppbv
RT: 8.01 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 69 Resp: 1193716
Ion Ratio Lower Upper
69 100
41 147.6 119.8 179.6
100 34.5 27.7 41.5

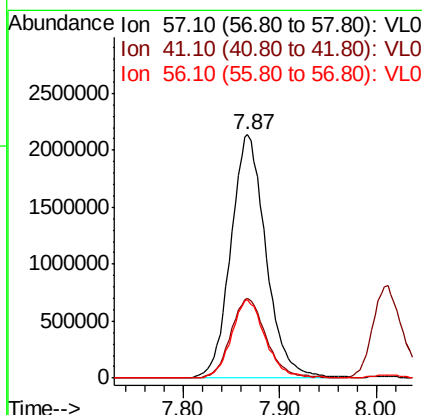
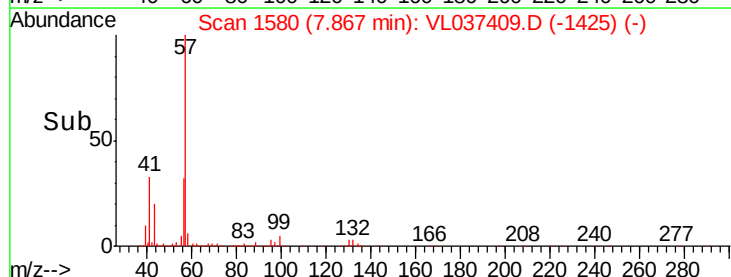
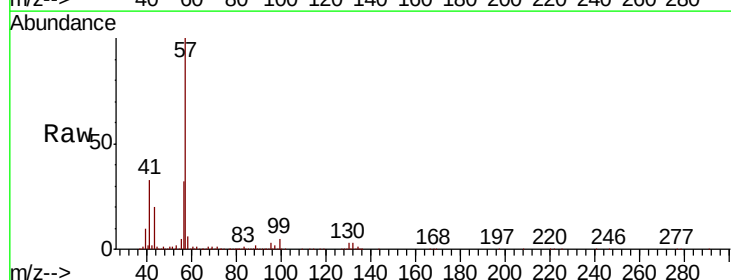
Manual Integrations
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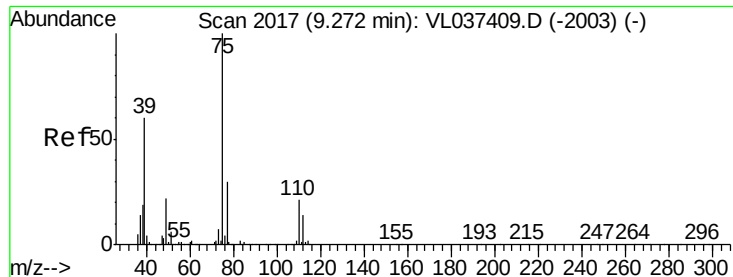
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#44
2,2,4-Trimethylpentane
Concen: 9.779 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 57 Resp: 5384537
Ion Ratio Lower Upper
57 100
41 33.0 26.1 39.1
56 31.2 25.1 37.7





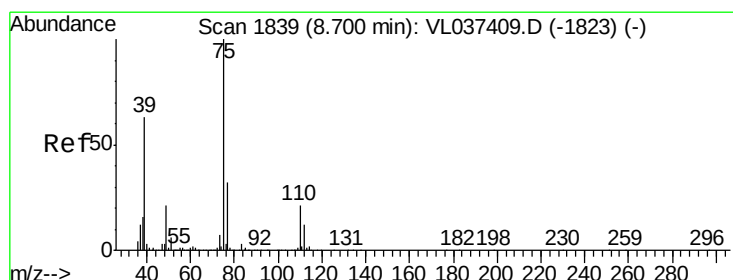
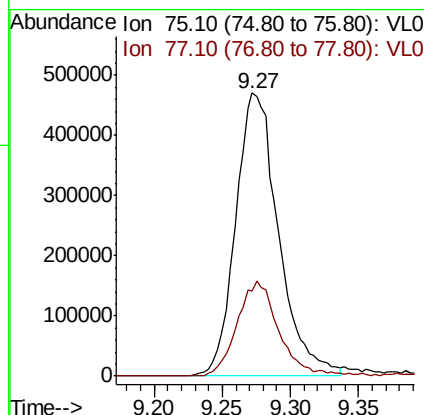
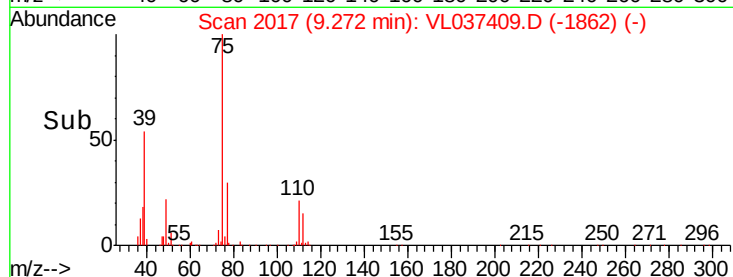
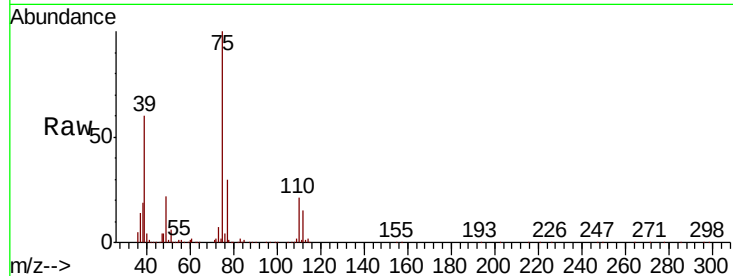
#45
t-1,3-Dichloropropene
Concen: 11.868 ppbv
RT: 9.27 min Scan# 2017
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 75 Resp: 1023593
Ion Ratio Lower Upper
75 100
77 30.2 24.1 36.1

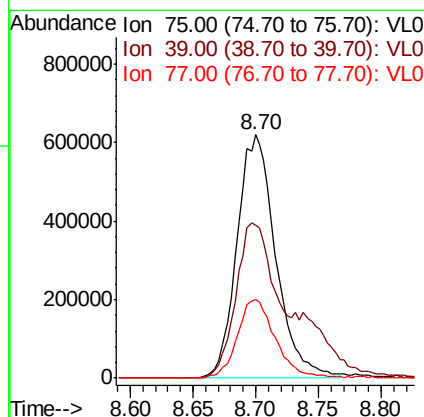
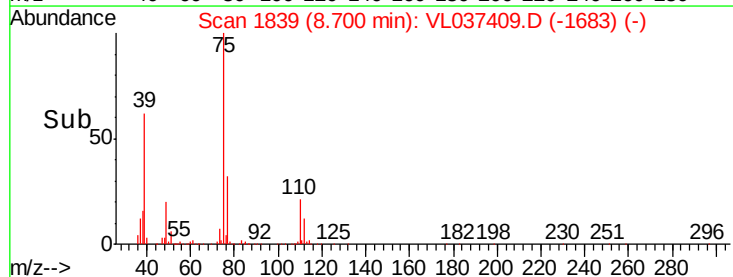
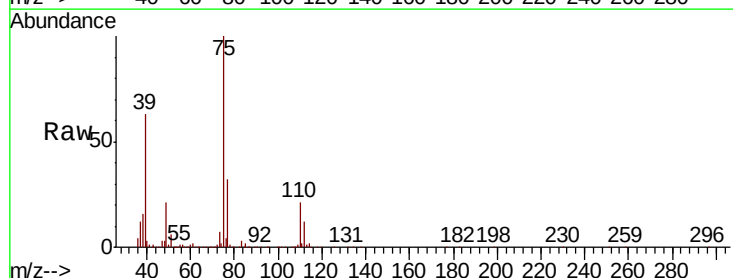
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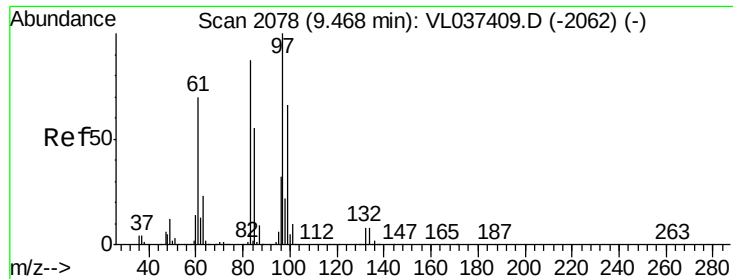
apatel
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#46
cis-1,3-Dichloropropene
Concen: 11.413 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 75 Resp: 1331594
Ion Ratio Lower Upper
75 100
39 62.6 49.4 74.2
77 32.3 25.0 37.6





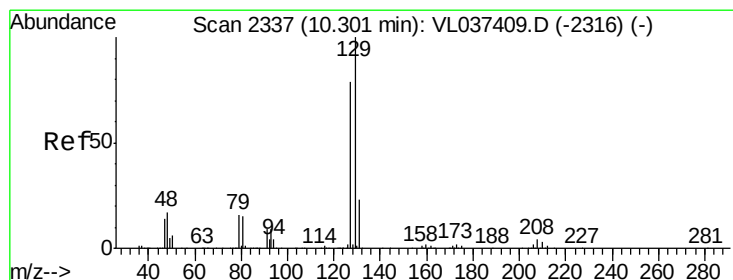
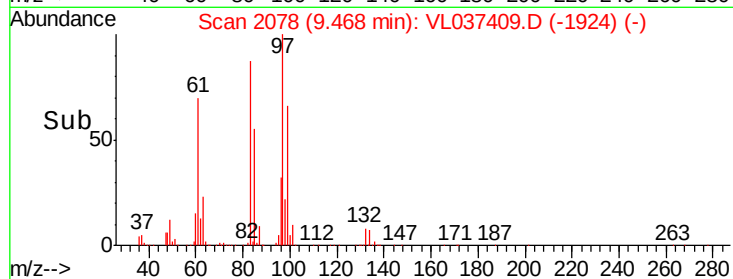
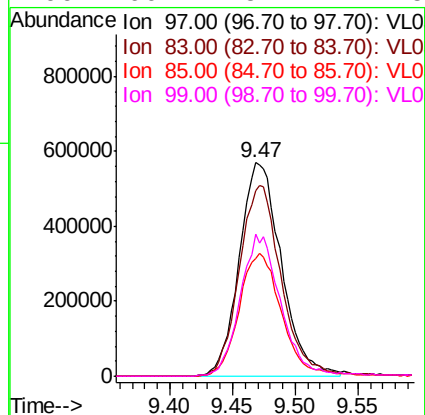
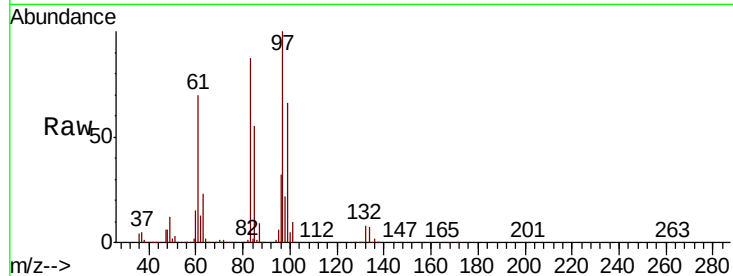
#47
 1,1,2-Trichloroethane
 Concen: 9.768 ppbv
 RT: 9.47 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.9	69.4	104.0	
85	54.8	45.0	67.4	
99	66.2	51.7	77.5	

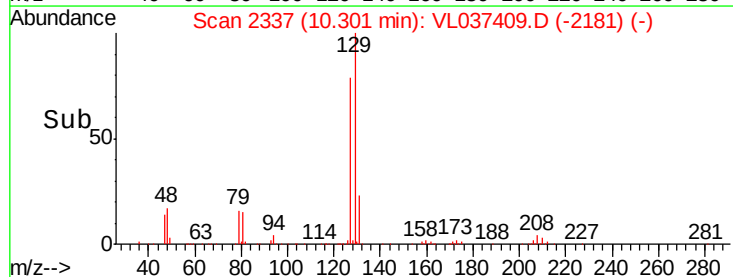
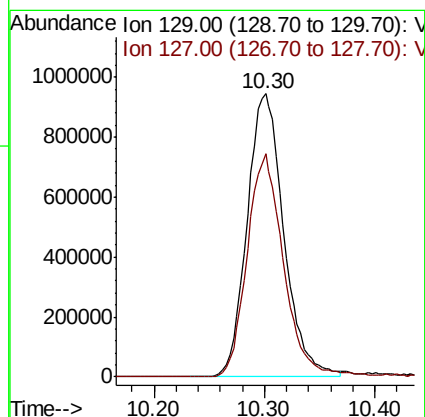
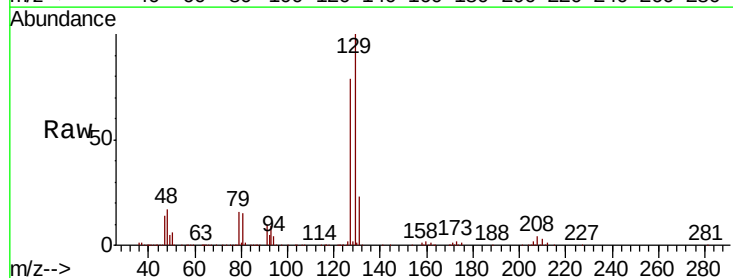
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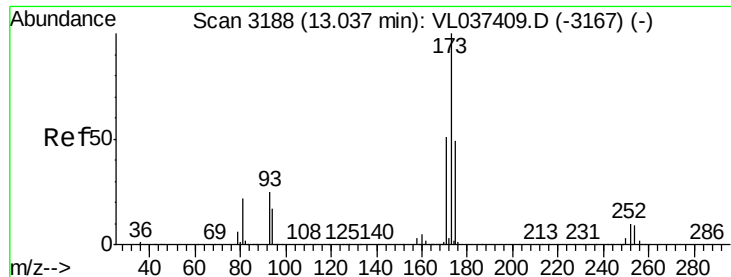
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#48
 Dibromochloromethane
 Concen: 10.878 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	79.2	40.1	120.3	





#49

Bromoform

Concen: 11.069 ppbv

RT: 13.04 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:173 Resp: 1744463

Ion Ratio Lower Upper

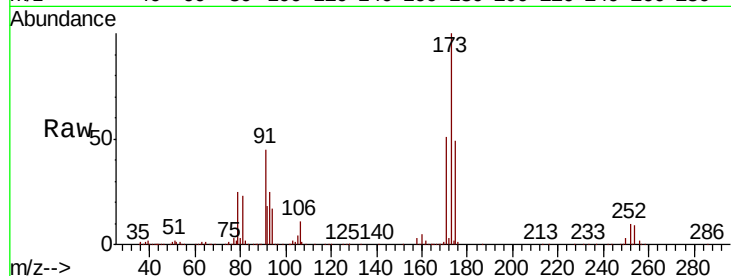
173 100

175 49.9 42.2 63.4

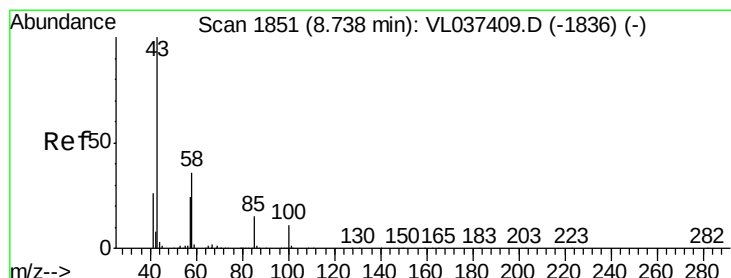
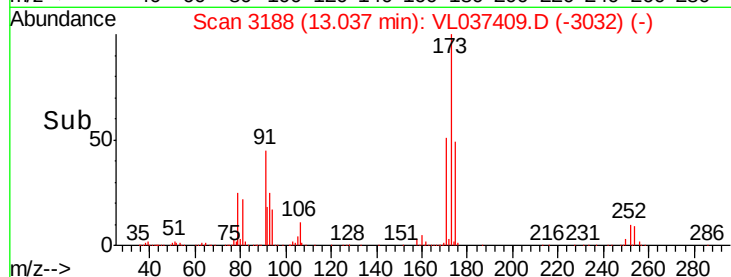
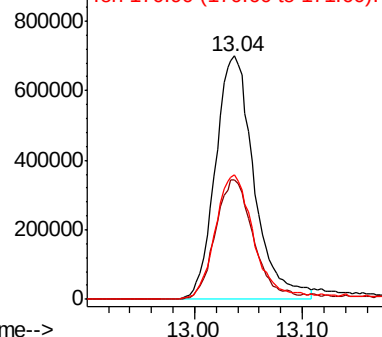
171 51.8 44.6 66.8

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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.114 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VL037409.D

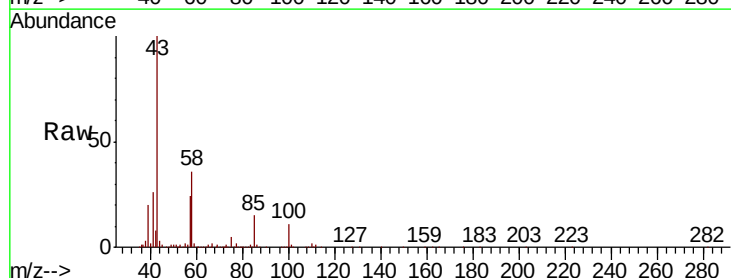
Acq: 12 Aug 2021 10:28

Tgt Ion: 43 Resp: 2088335

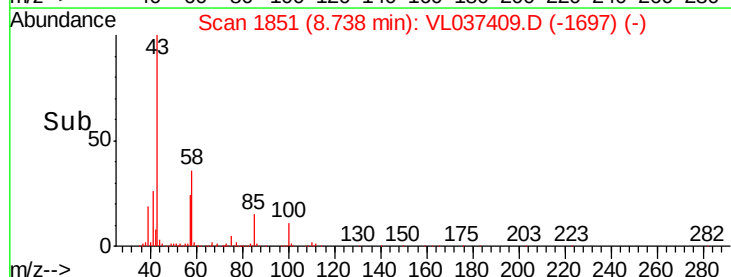
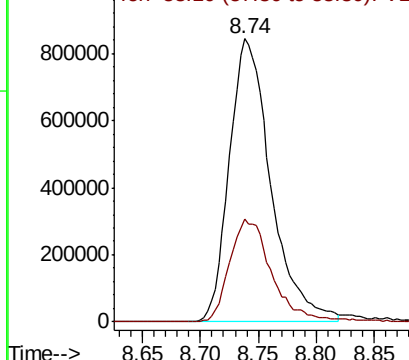
Ion Ratio Lower Upper

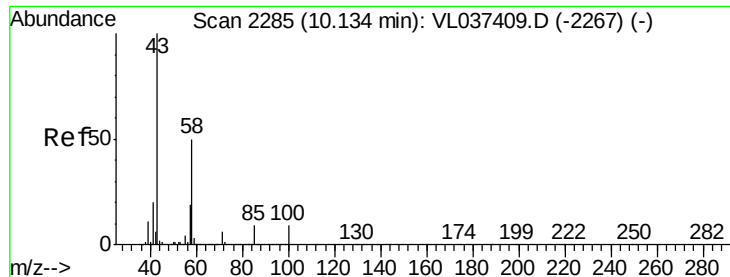
43 100

58 37.4 29.4 44.2



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





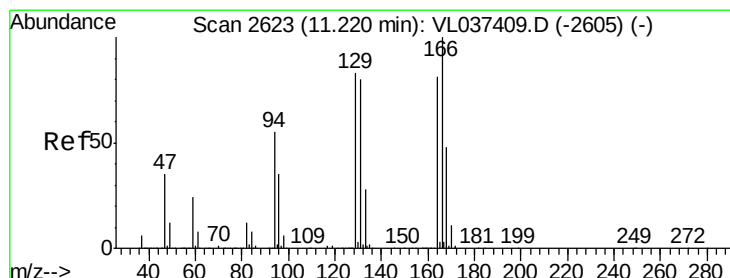
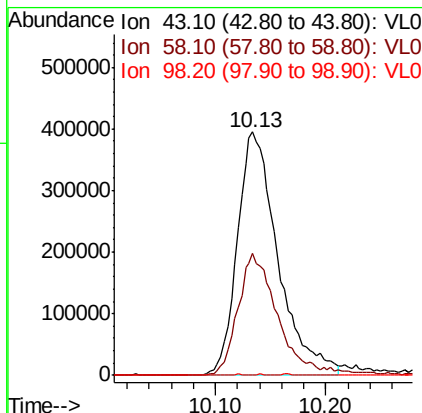
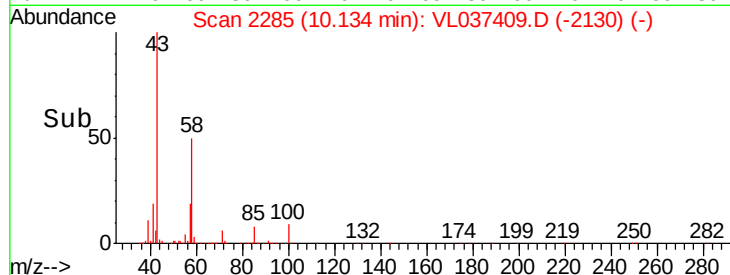
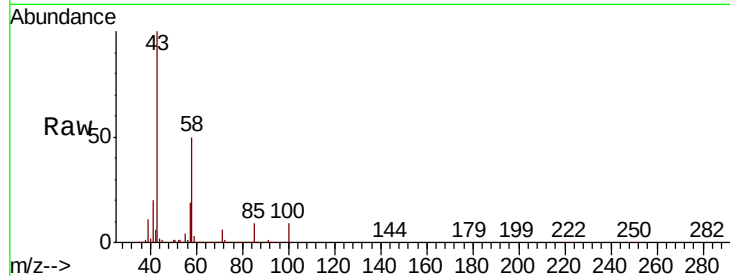
#51
2-Hexanone
Concen: 11.012 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 43 Resp: 1007707
Ion Ratio Lower Upper
43 100
58 49.9 41.8 62.8
98 0.2 0.2 0.4#

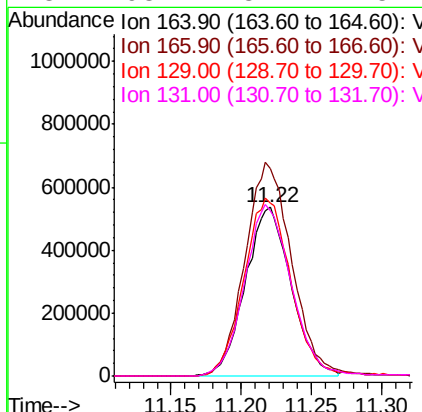
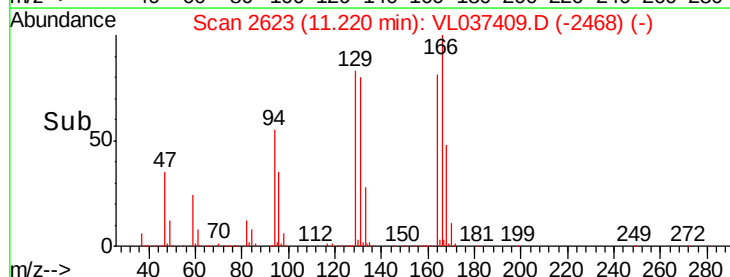
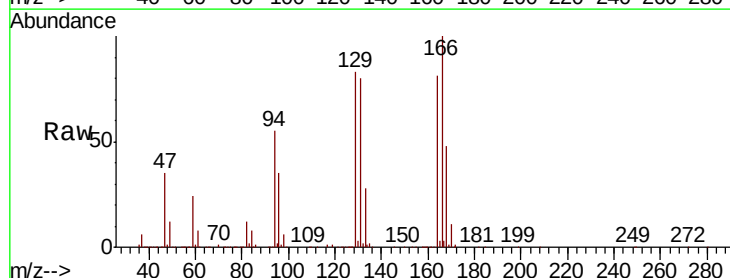
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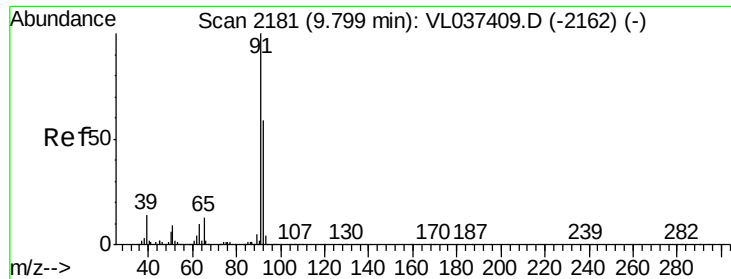
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#52
Tetrachloroethene
Concen: 9.013 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 164 Resp: 1212681
Ion Ratio Lower Upper
164 100
166 123.2 96.5 144.7
129 102.5 83.2 124.8
131 98.2 82.2 123.2





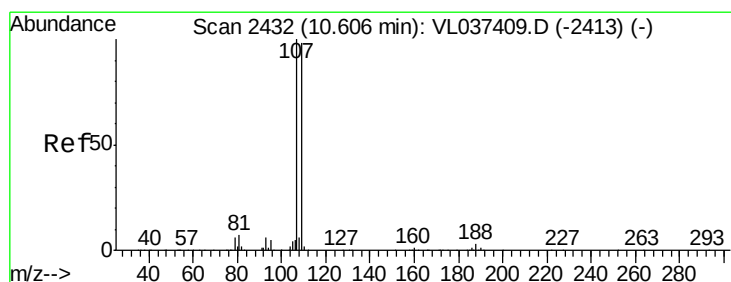
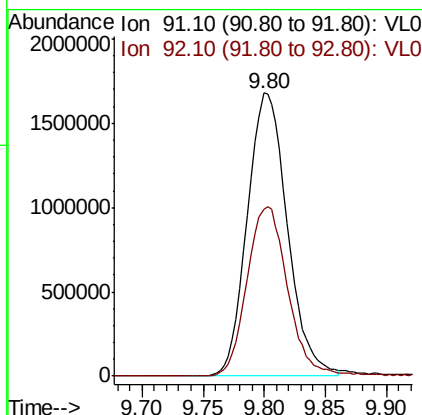
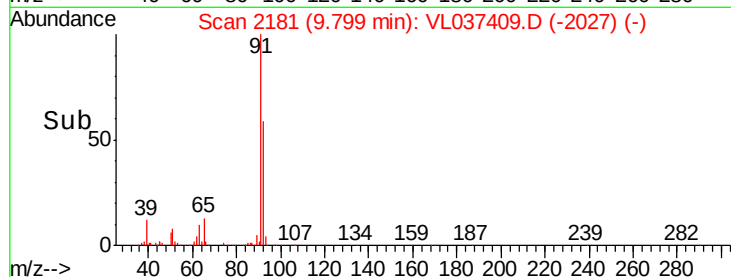
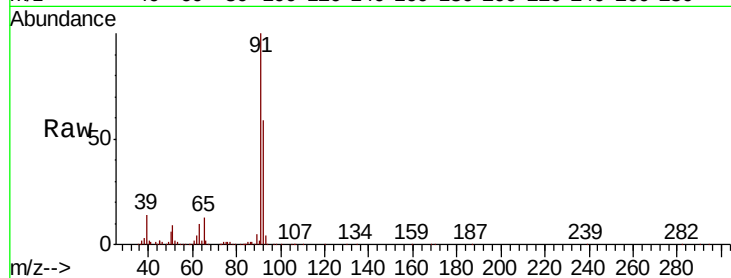
#53
Toluene
Concen: 9.969 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 91 Resp: 3816488
Ion Ratio Lower Upper
91 100
92 61.3 48.1 72.1

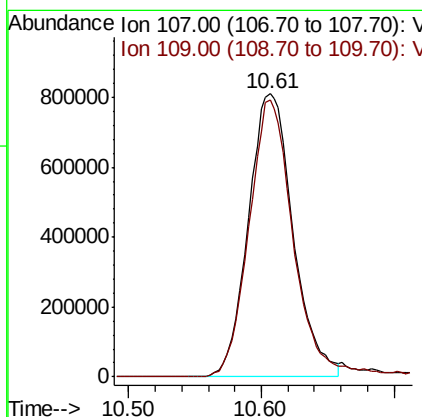
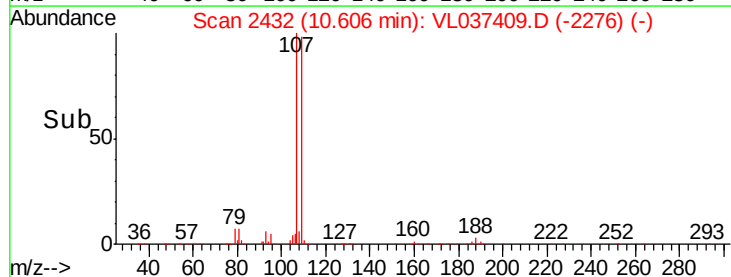
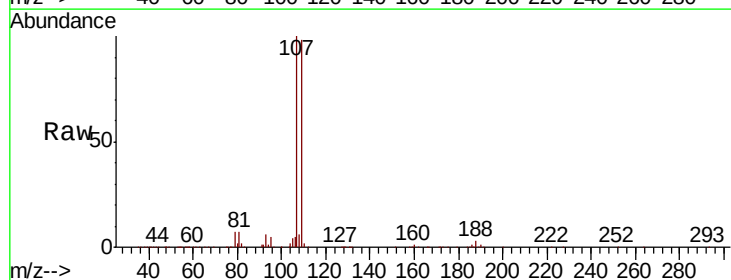
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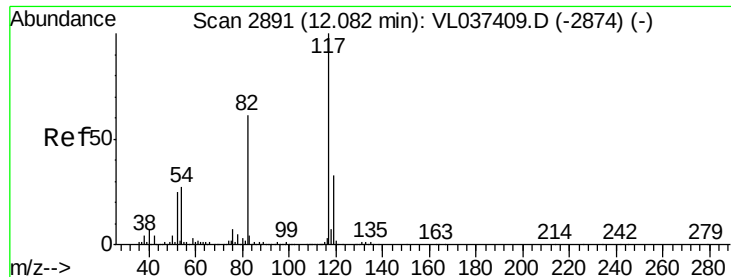
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#54
1,2-Dibromoethane
Concen: 9.904 ppbv
RT: 10.61 min Scan# 2432
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 107 Resp: 1906533
Ion Ratio Lower Upper
107 100
109 98.0 76.7 115.1





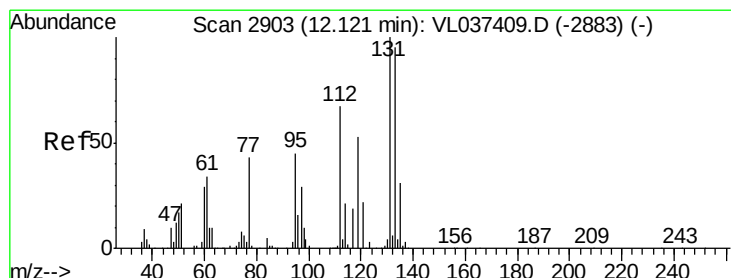
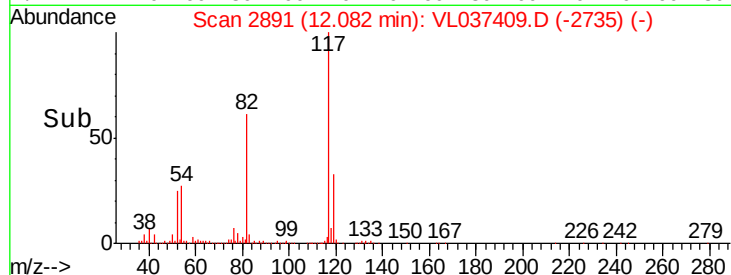
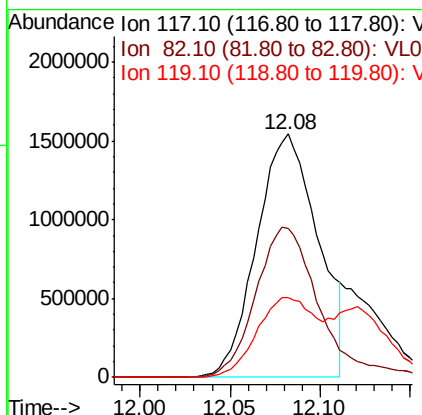
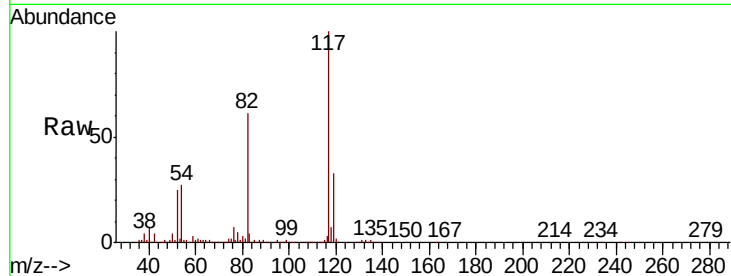
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion:117 Resp: 3667492
Ion Ratio Lower Upper
117 100
82 66.4 52.6 78.8
119 35.0 46.7 70.1#

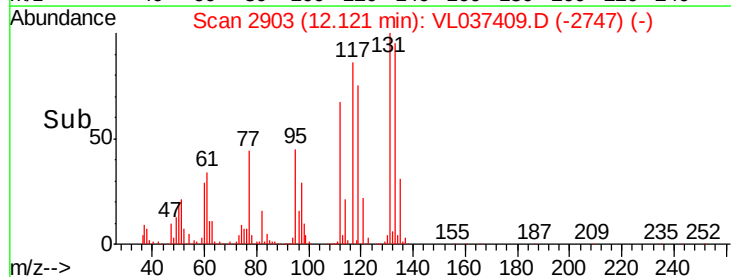
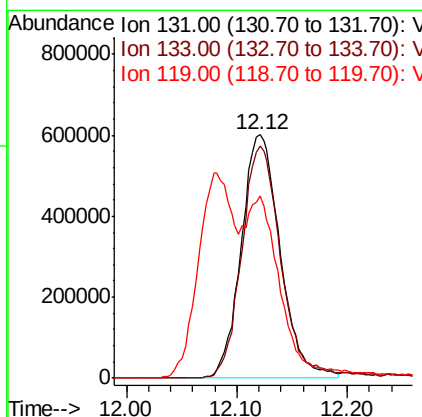
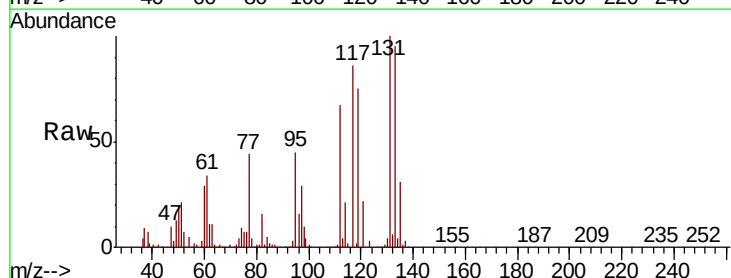
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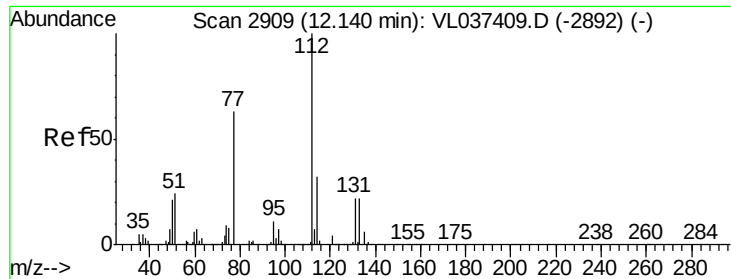
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#56
1,1,1,2-Tetrachloroethane
Concen: 10.386 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion:131 Resp: 1472380
Ion Ratio Lower Upper
131 100
133 96.4 80.3 120.5
119 74.6 126.7 190.1#





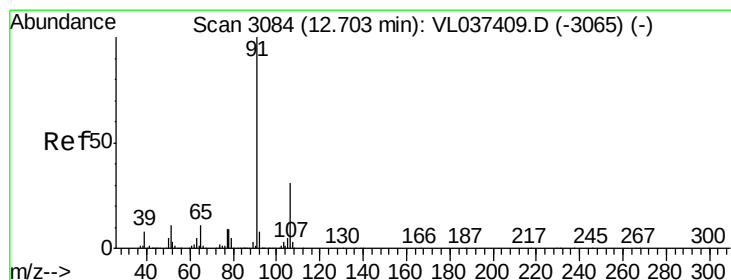
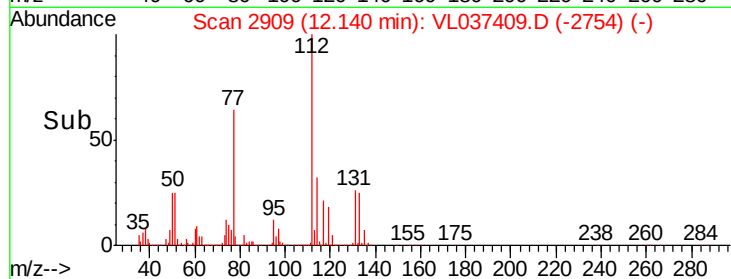
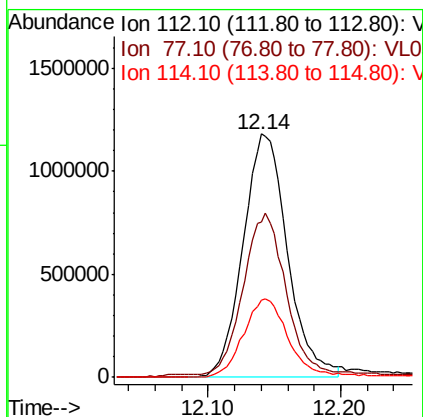
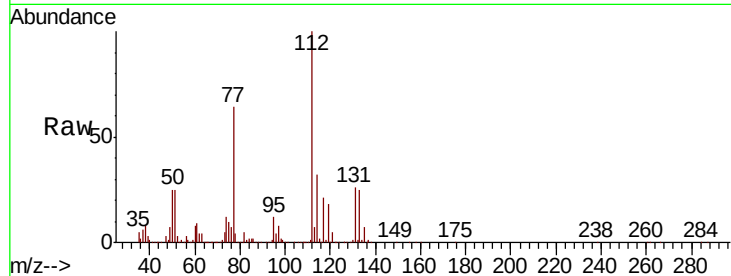
#57
Chlorobenzene
Concen: 9.724 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
112	100		
77	62.5	52.9	79.3
114	31.7	29.8	36.4

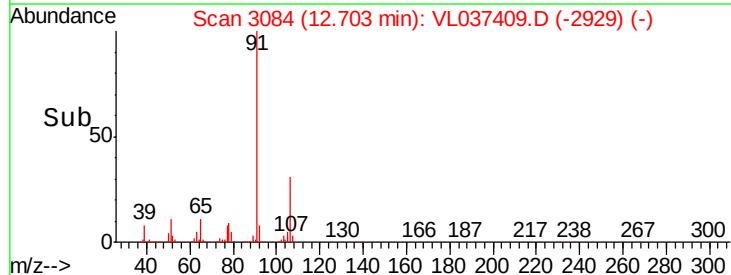
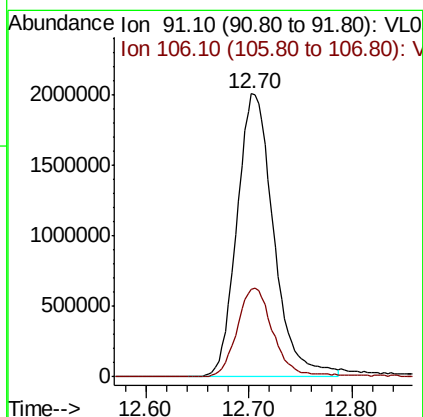
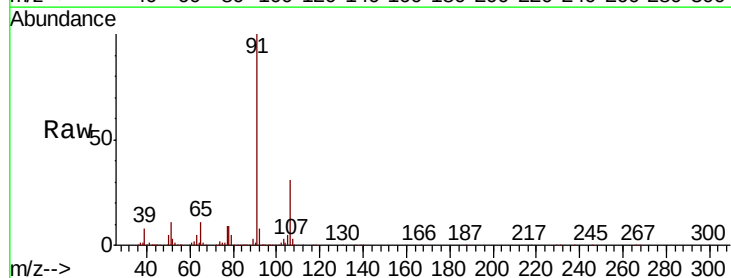
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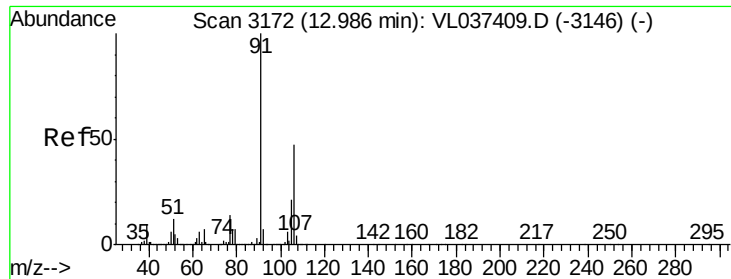
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#58
Ethyl Benzene
Concen: 10.191 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.6	36.8





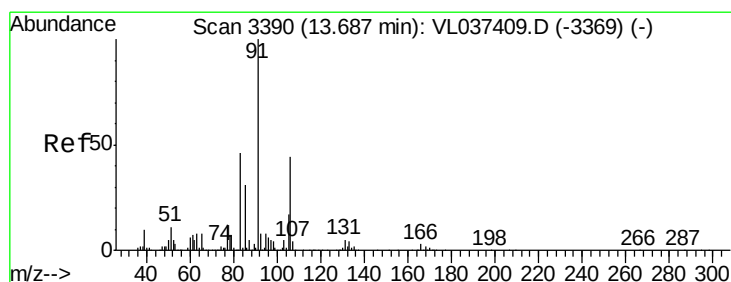
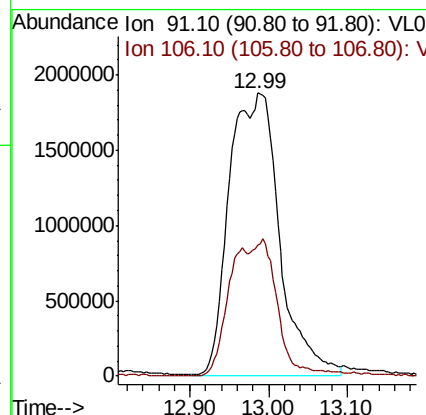
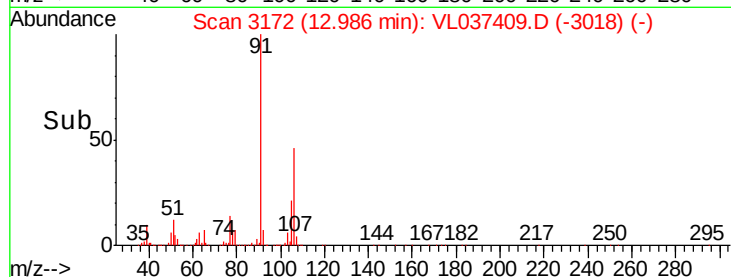
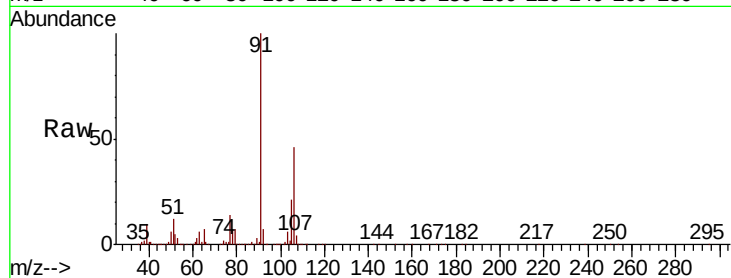
#59
m/p-Xylene
Concen: 19.837 ppbv m
RT: 12.99 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 91 Resp: 8360536
Ion Ratio Lower Upper
91 100
106 45.7 36.6 55.0

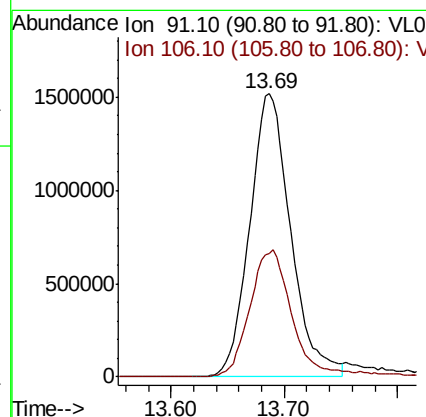
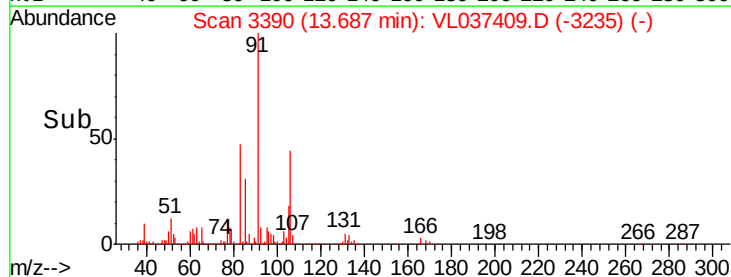
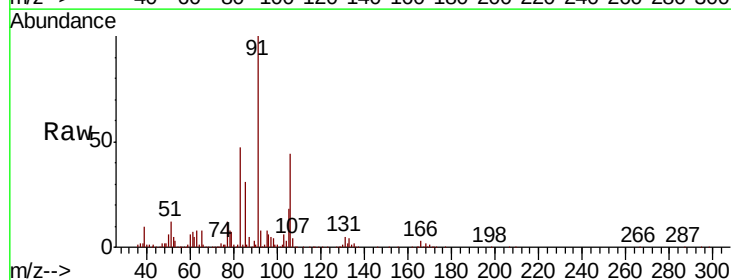
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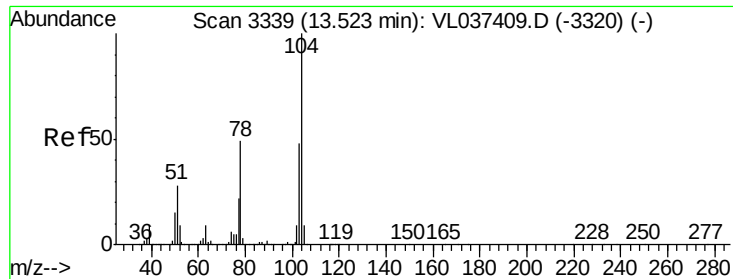
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#60
o-Xylene
Concen: 9.764 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 91 Resp: 3815197
Ion Ratio Lower Upper
91 100
106 48.1 23.2 69.6





#61

Stvrene

Concen: 10.804 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:104 Resp: 2186963

Ion Ratio Lower Upper

104 100

78 51.9 41.4 62.0

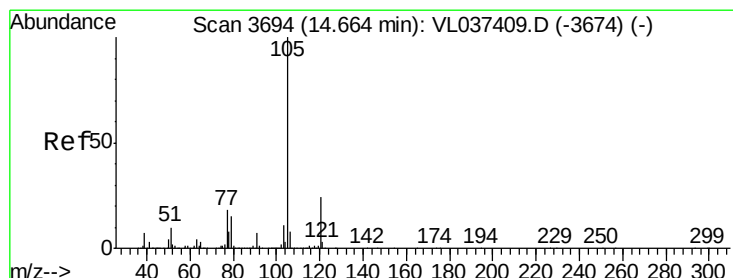
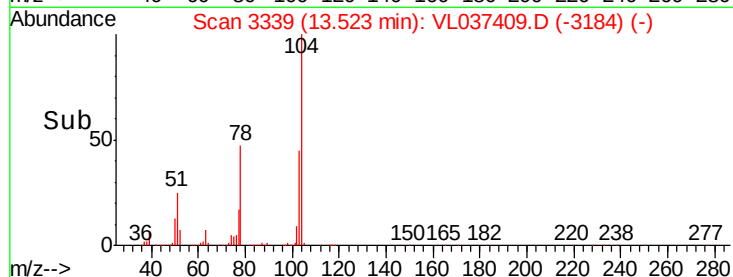
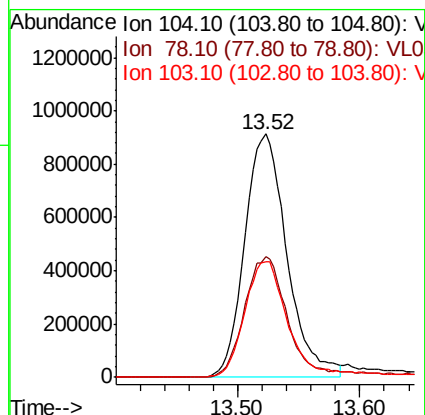
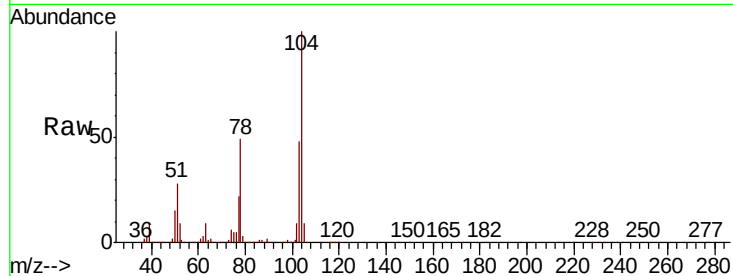
103 50.2 40.6 61.0

Manual Integrations

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#62

Isopropylbenzene

Concen: 9.704 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VL037409.D

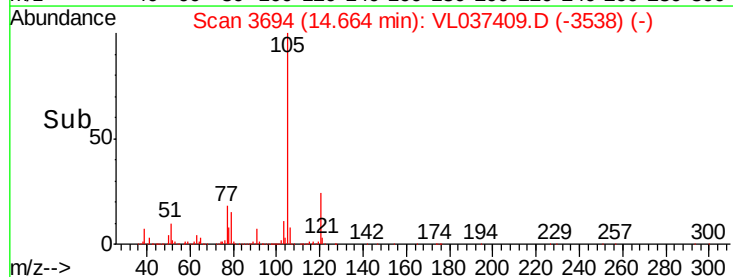
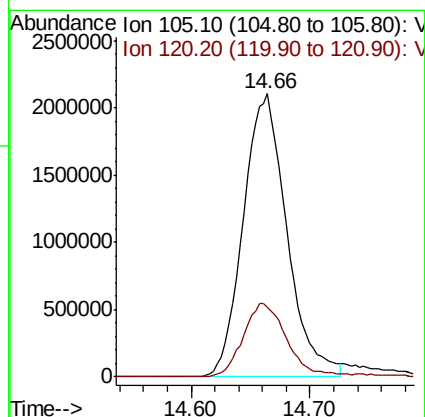
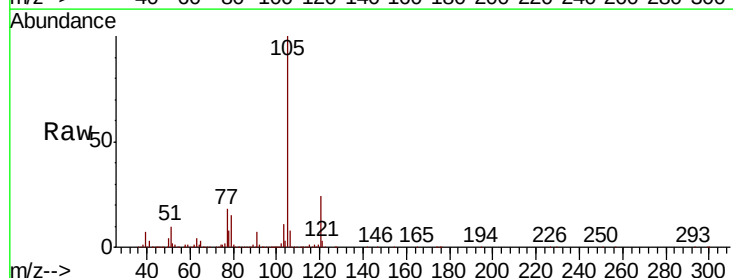
Acq: 12 Aug 2021 10:28

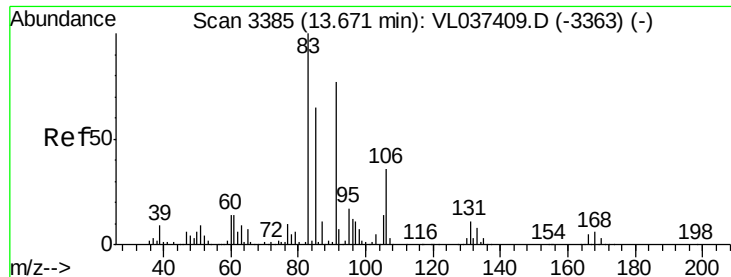
Tgt Ion:105 Resp: 5341270

Ion Ratio Lower Upper

105 100

120 27.0 21.4 32.0





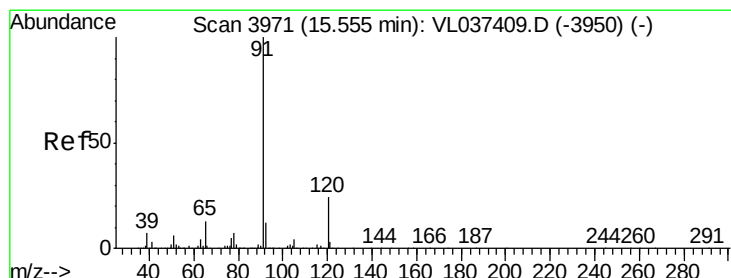
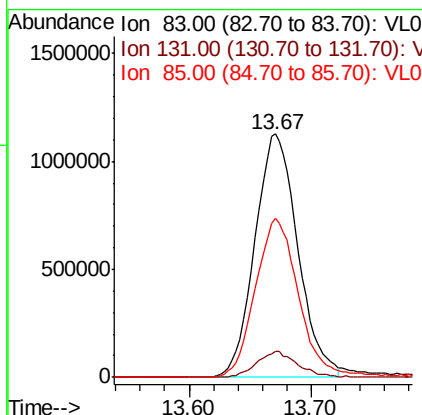
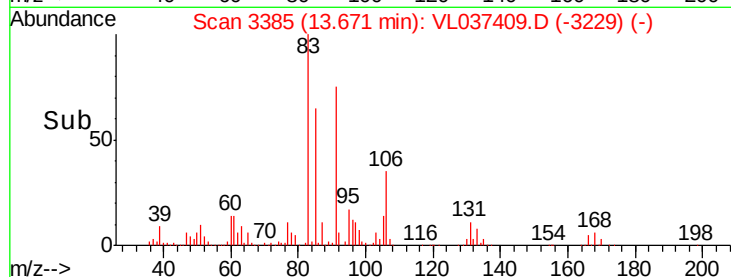
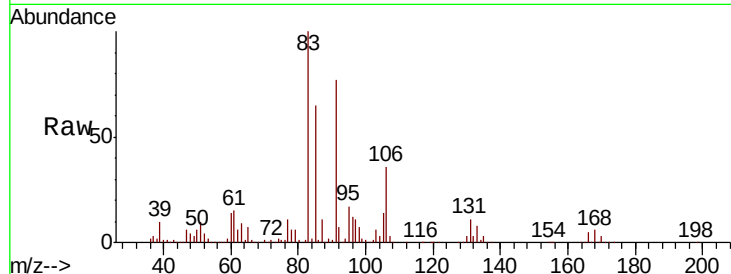
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.293 ppbv
 RT: 13.67 min Scan# 3385
 Delta R.T. 0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	66.8	32.6	97.7

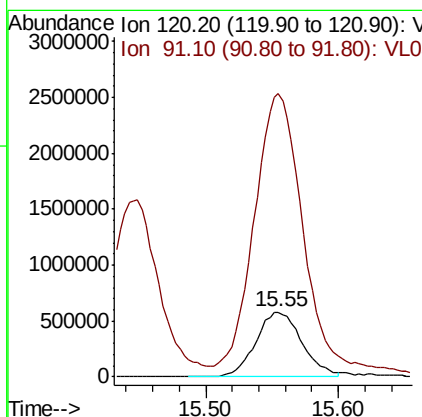
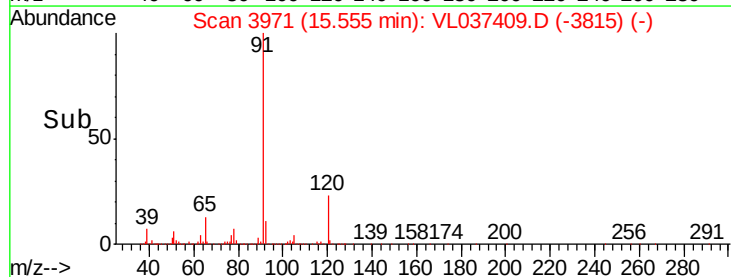
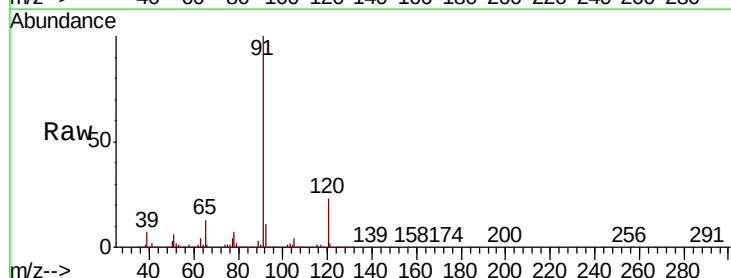
Manual Integrations
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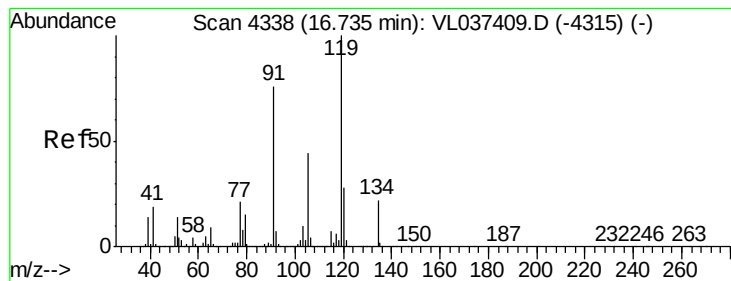
apatel
 8/13/2021 11:06:29 AM



#64
 n-propylbenzene
 Concen: 10.033 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T. 0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
120	100		
91	485.5	386.1	579.1





#65

tert-Butylbenzene

Concen: 9.849 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:119 Resp: 4889706

Ion Ratio Lower Upper

119 100

91 77.8 63.3 94.9

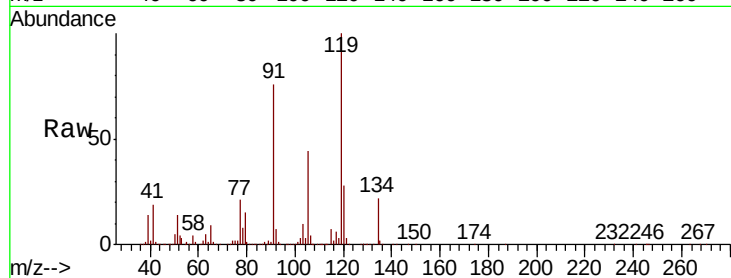
134 20.1 16.3 24.5

Manual Integrations

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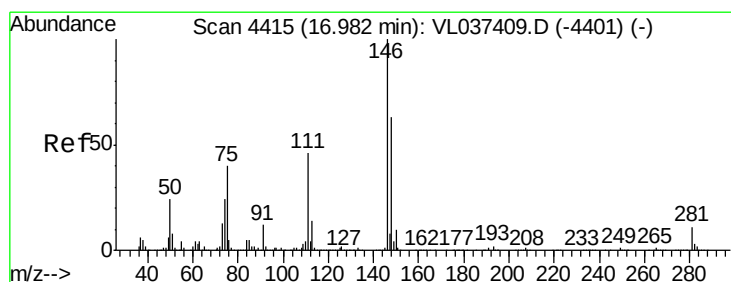
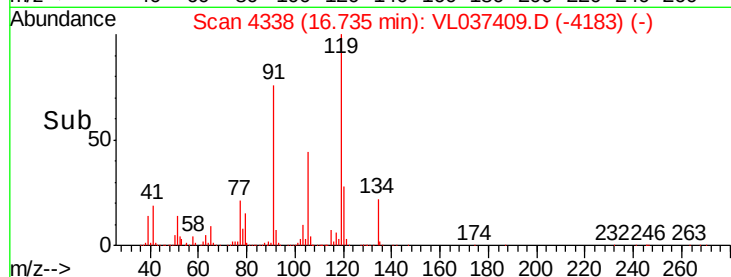
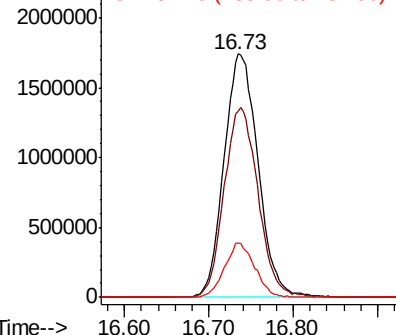
8/13/2021 11:06:29 AM



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 13.606 ppbv m

RT: 16.98 min Scan# 4415

Delta R.T. 0.01 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

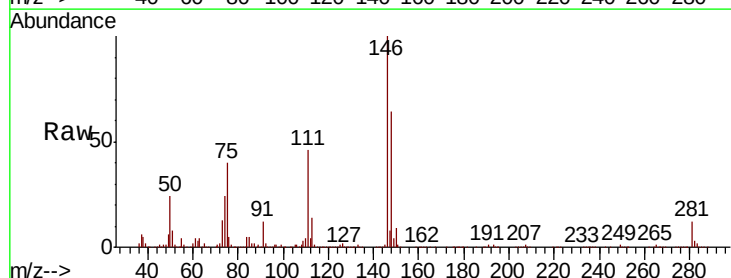
Tgt Ion: 91 Resp: 286379

Ion Ratio Lower Upper

91 100

126 17.9 13.5 20.3

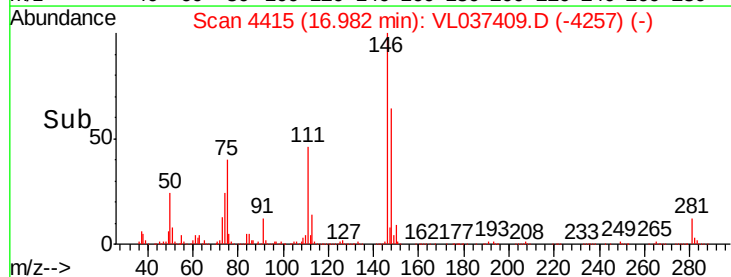
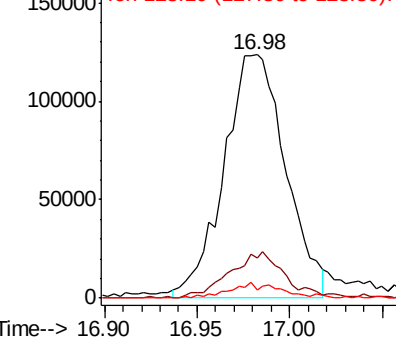
128 5.8 5.4 8.0

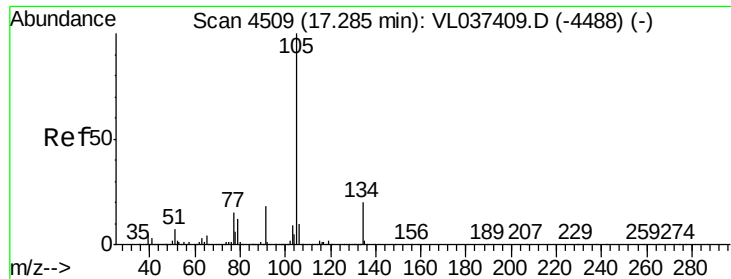


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 9.859 ppbv

RT: 17.28 min Scan# 4509

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 6728244

Ion Ratio Lower Upper

105 100

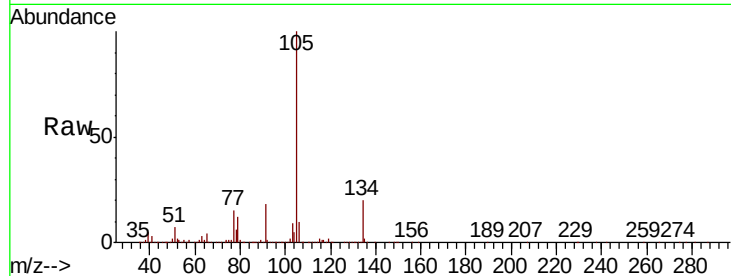
134 19.2 14.8 22.2

Manual Integrations

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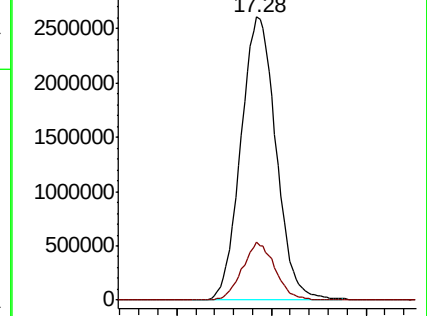
apatel

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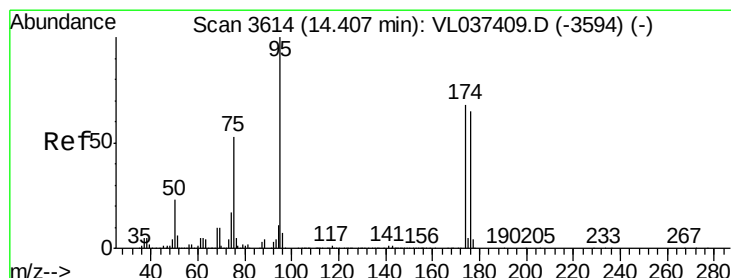
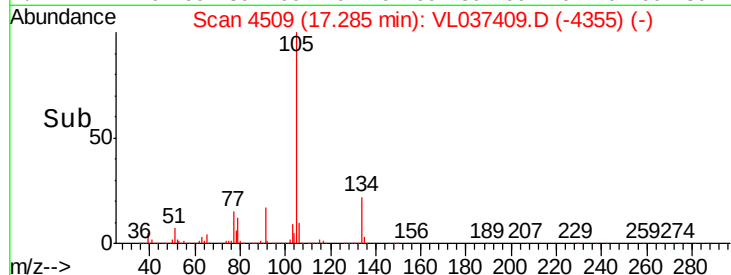


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.000 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

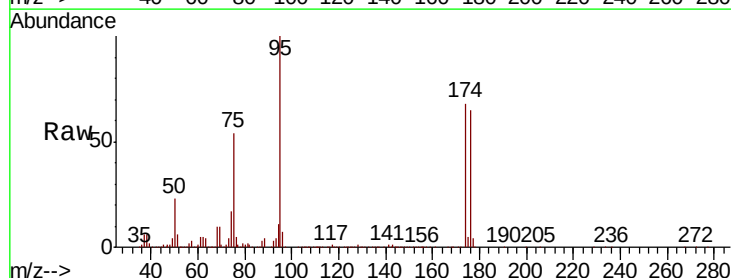
Tgt Ion: 95 Resp: 2735132

Ion Ratio Lower Upper

95 100

174 74.5 58.3 87.5

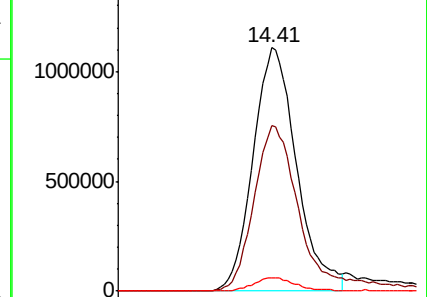
175 5.4 4.3 6.5



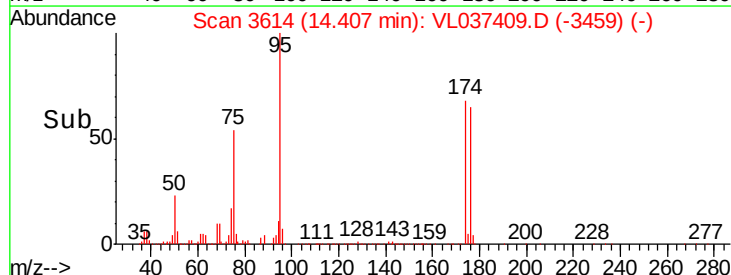
Abundance Ion 95.10 (94.80 to 95.80): VL0

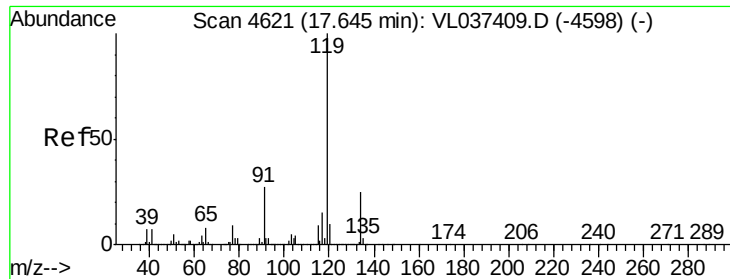
Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



Time-->





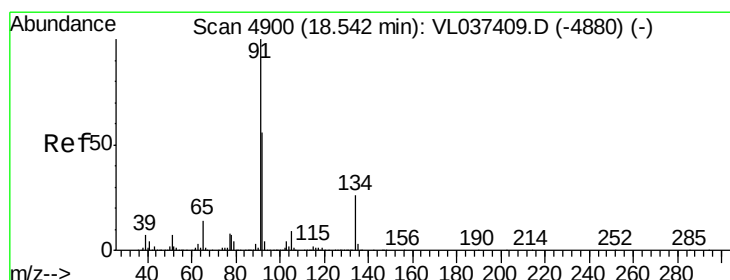
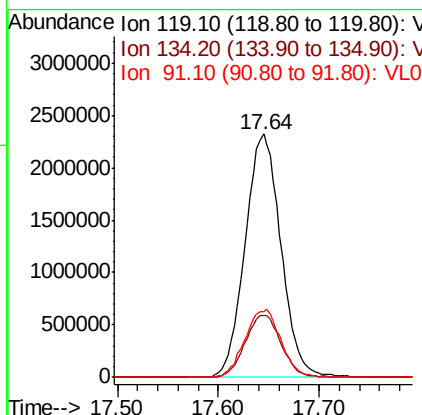
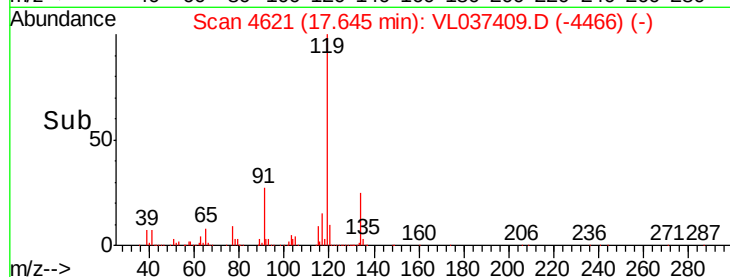
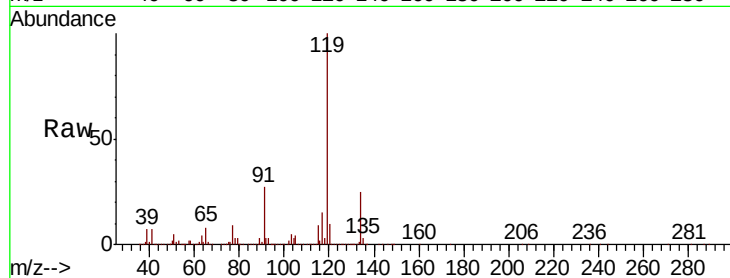
#69
 p-Isopropyltoluene
 Concen: 10.349 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.5	30.7
91	28.0	22.5	33.7

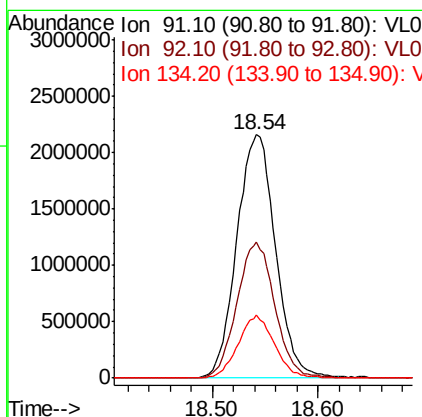
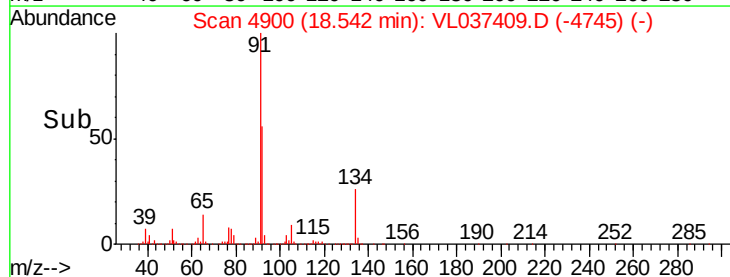
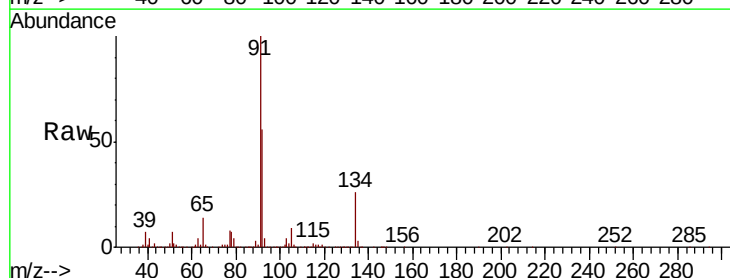
Manual Integrations
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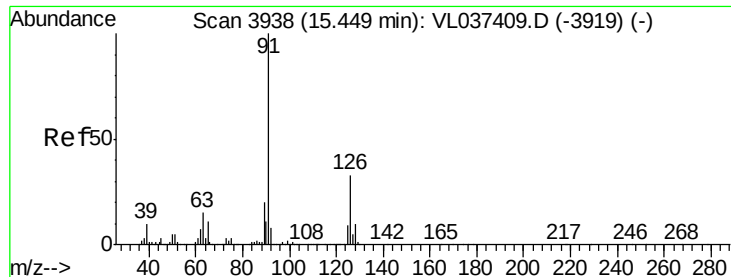
apatel
 8/13/2021 11:06:29 AM



#70
 n-Butylbenzene
 Concen: 10.608 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	43.7	65.5
134	24.4	19.4	29.0





#71

2-Chlorotoluene

Concen: 9.952 ppbv

RT: 15.45 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 91 Resp: 3999140

Ion Ratio Lower Upper

91 100

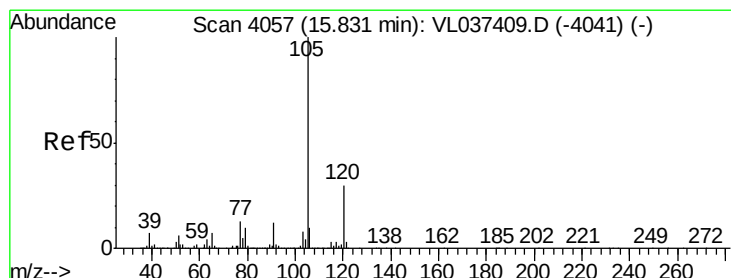
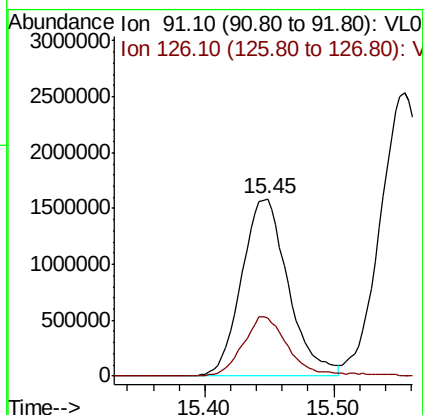
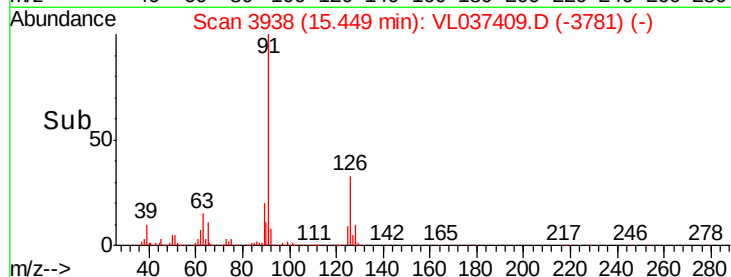
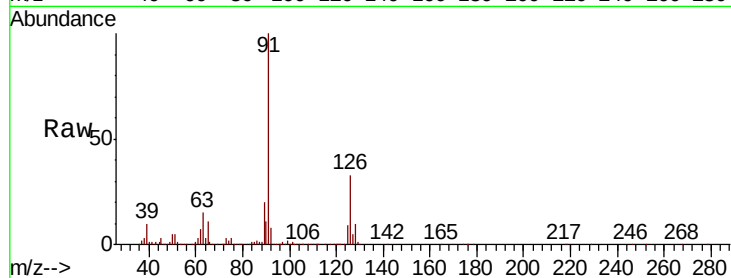
126 33.7 13.3 53.3

Manual Integrations

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#72

4-Ethyltoluene

Concen: 10.079 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion: 105 Resp: 4606111

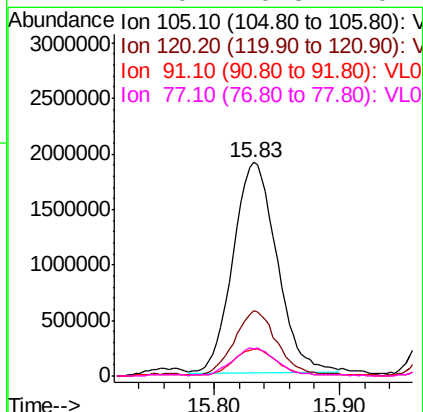
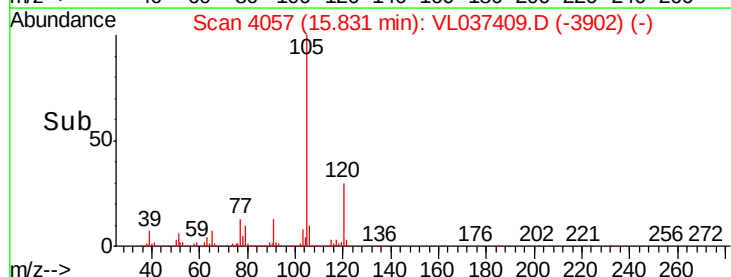
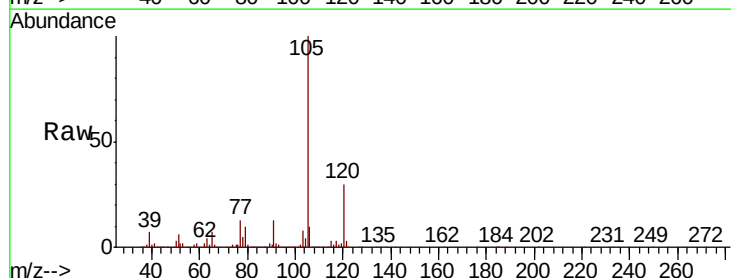
Ion Ratio Lower Upper

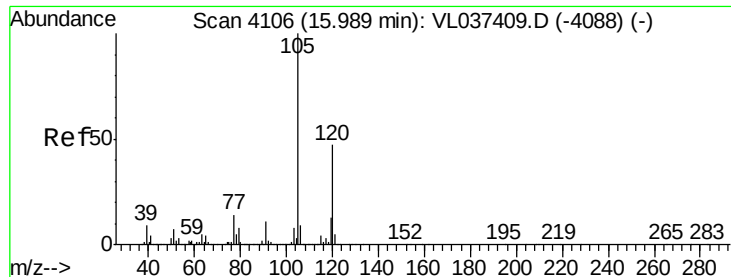
105 100

120 31.2 24.5 36.7

91 14.0 9.9 14.9

77 14.0 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 9.994 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 4236494

Ion Ratio Lower Upper

105 100

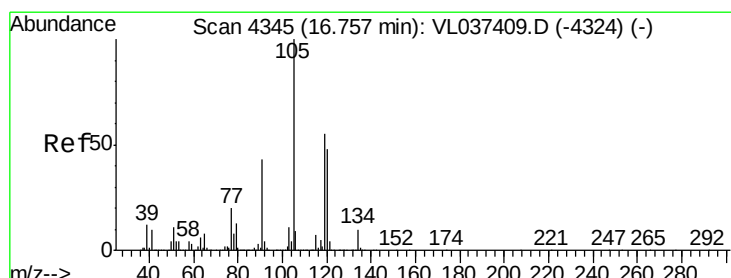
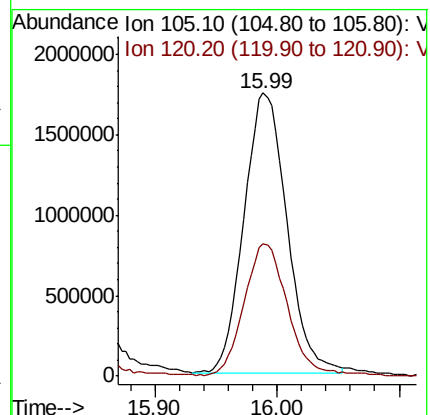
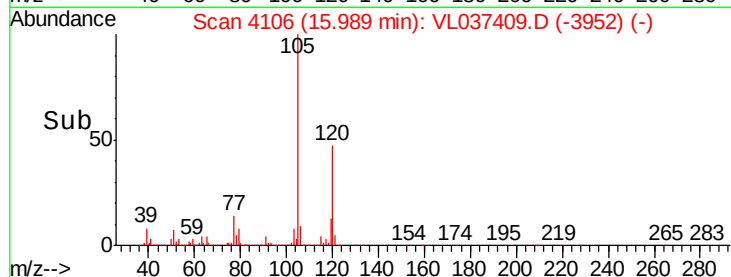
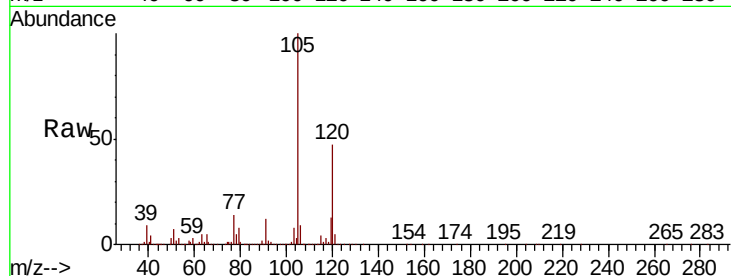
120 46.7 38.9 58.3

Manual Integrations

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#74

1,2,4-Trimethylbenzene

Concen: 10.358 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion:105 Resp: 4458662

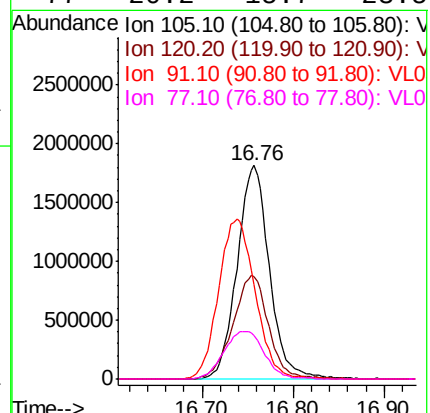
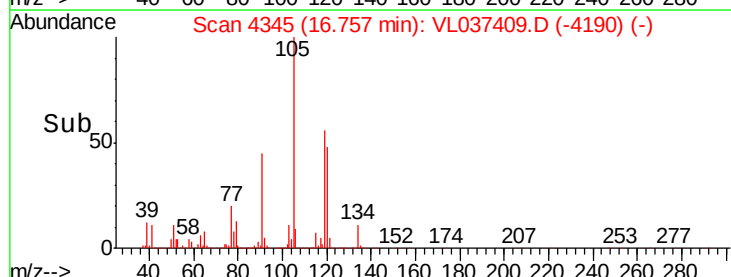
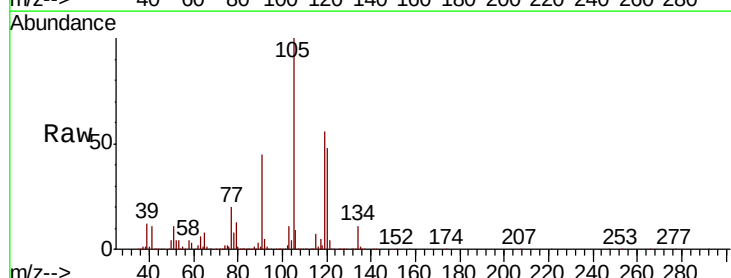
Ion Ratio Lower Upper

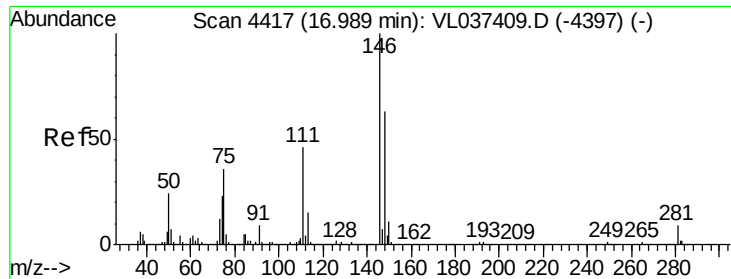
105 100

120 47.7 39.0 58.4

91 44.3 34.4 51.6

77 20.2 15.7 23.5





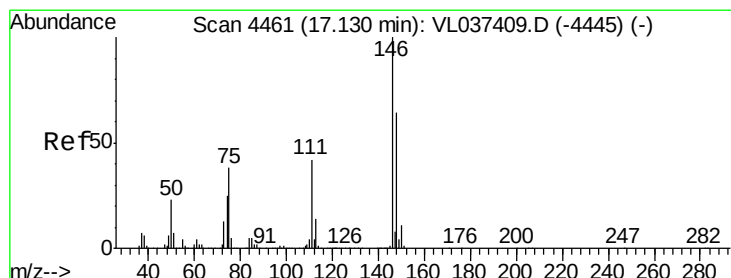
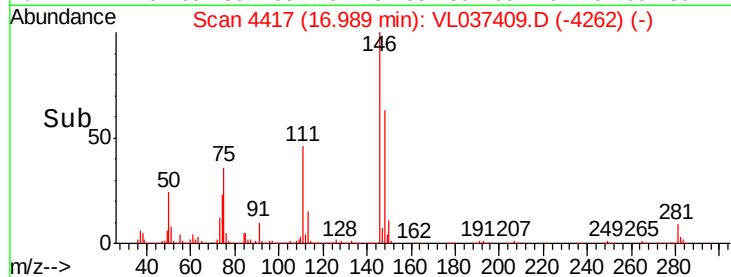
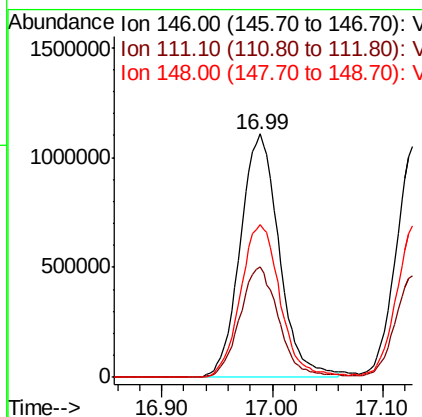
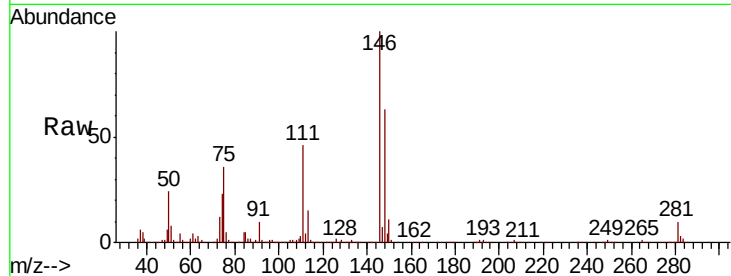
#75
 1,3-Dichlorobenzene
 Concen: 10.333 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.8	68.4
148	64.1	31.9	95.5

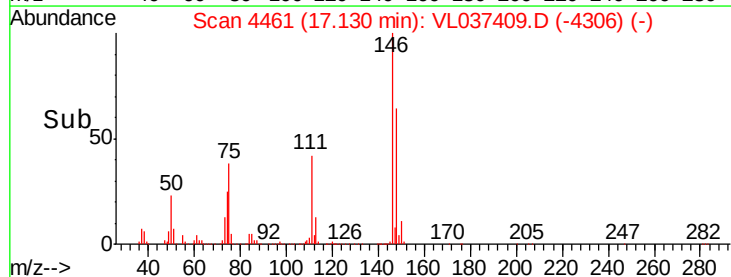
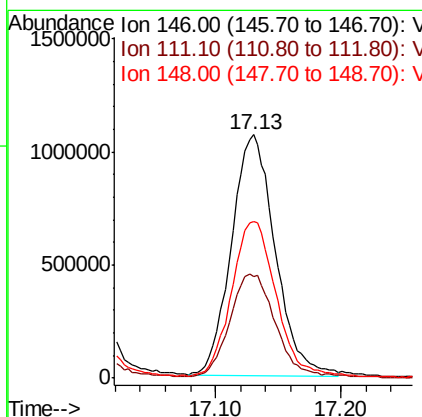
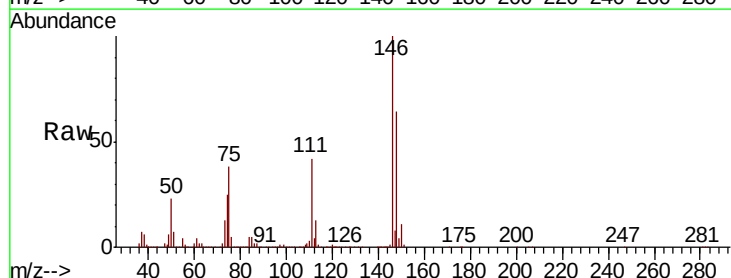
Manual Integrations
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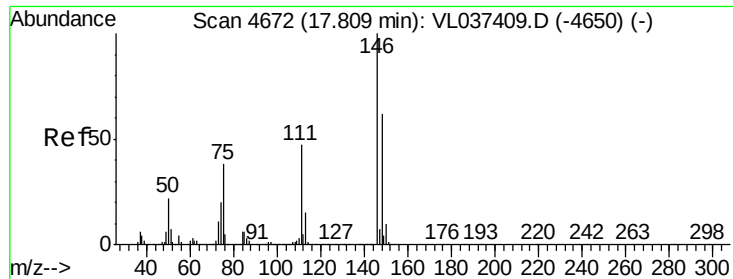
apatel
 8/13/2021 11:06:29 AM



#76
 1,4-Dichlorobenzene
 Concen: 10.033 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.8	68.4
148	68.0	33.3	99.8





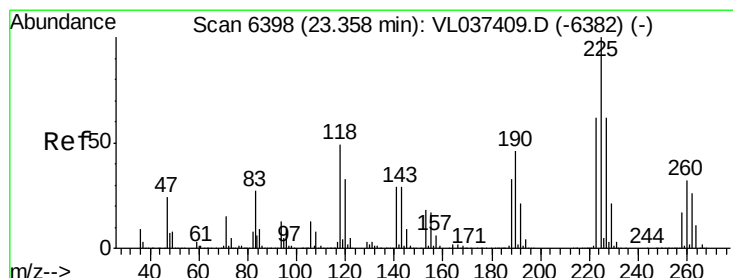
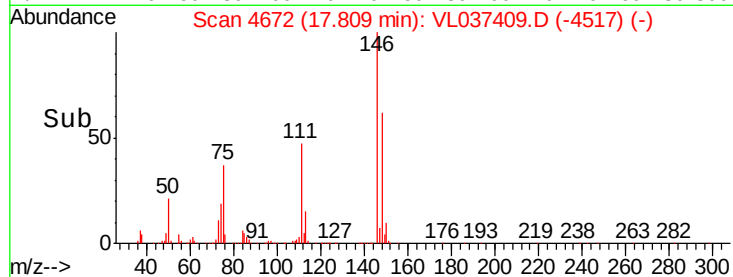
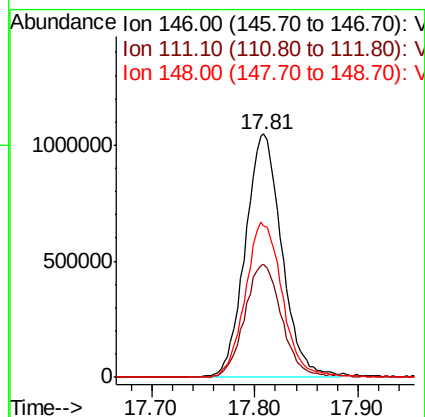
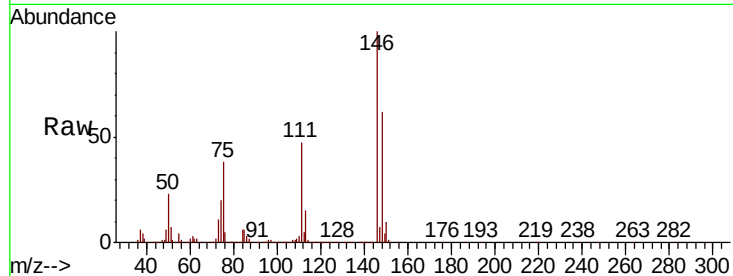
#77
 1,2-Dichlorobenzene
 Concen: 10.166 ppbv
 RT: 17.81 min Scan# 4672
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.7	23.4	70.2
148	64.9	32.3	96.9

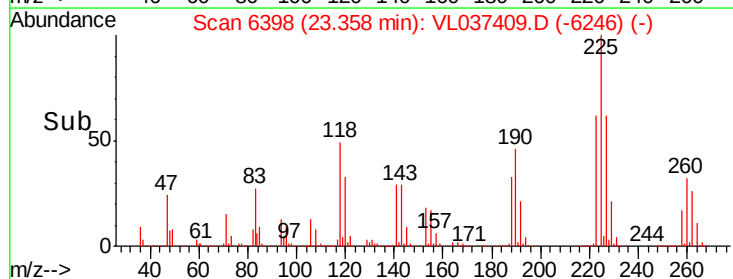
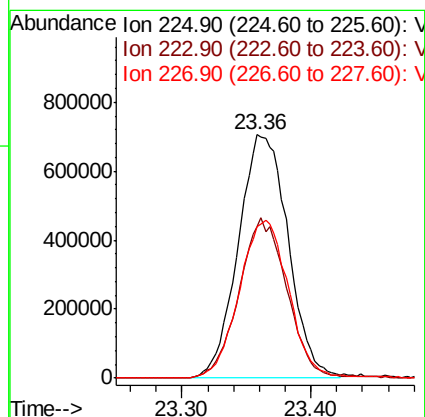
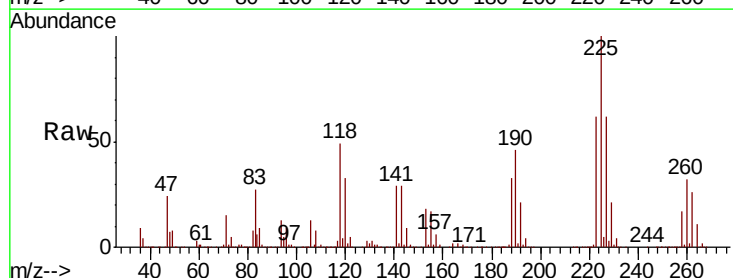
Manual Integrations
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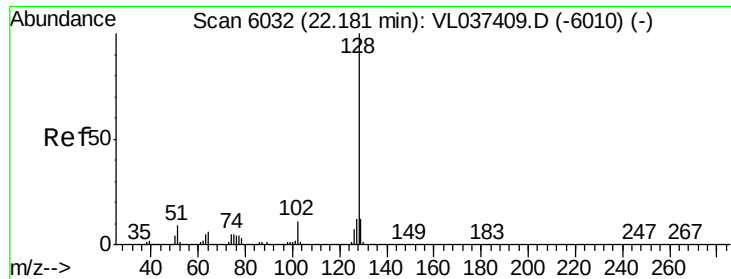
apatel
 8/13/2021 11:06:29 AM



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.319 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T. -0.01 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.8	77.8
227	65.3	52.2	78.4





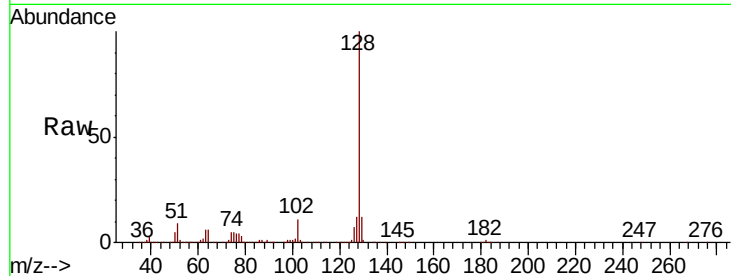
#79
Naphthalene
Concen: 13.683 ppbv
RT: 22.18 min Scan# 6032
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	15.8
129	11.7	9.0	13.4

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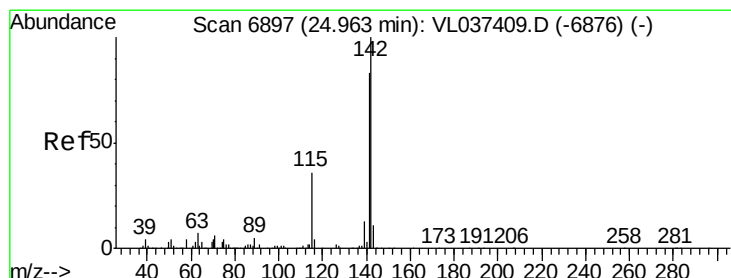
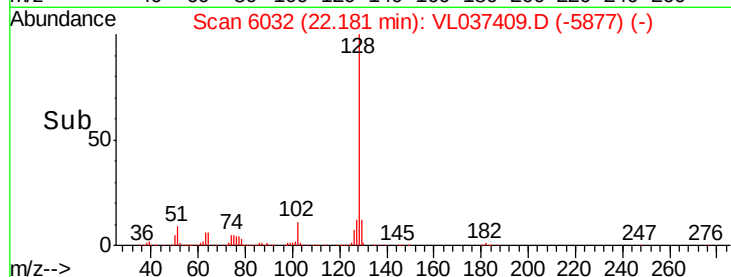
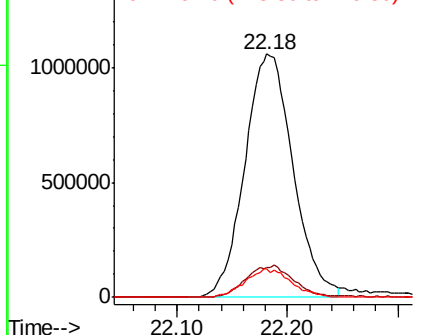


Abundance

Ion 128.10 (127.80 to 128.80): V

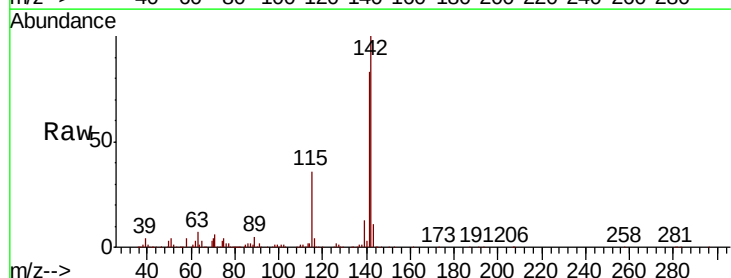
Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80
Naphthalene, 2-methyl-
Concen: 18.897 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	72.1	108.1
115	40.9	28.1	42.1

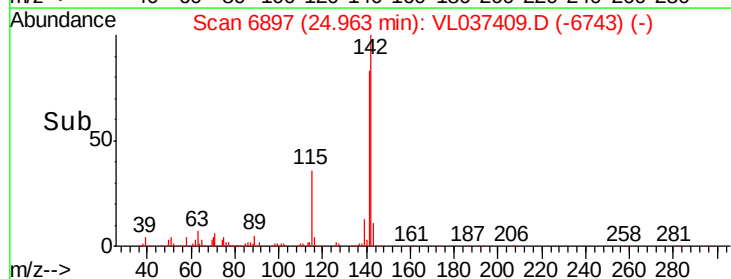
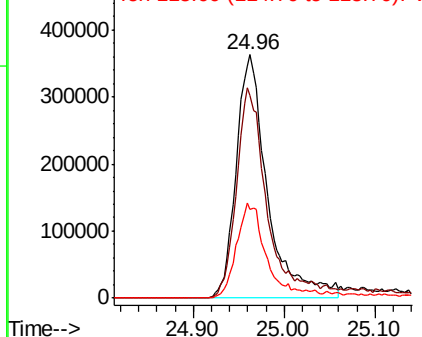


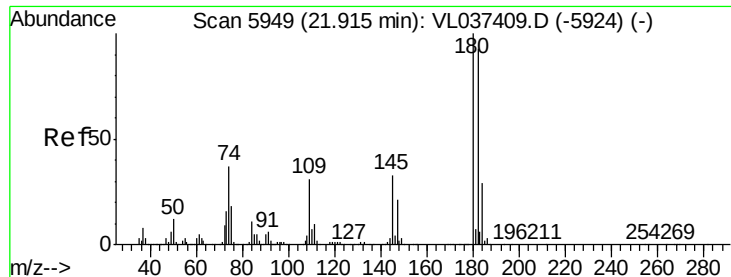
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 12.270 ppbv
 RT: 21.91 min Scan# 5949
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	98.3	78.7	118.1	
184	30.7	24.3	36.5	

Manual Integrations
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