

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037416.D
 Acq On : 12 Aug 2021 15:43
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Manual Integrations
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 8/13/2021 11:06:59 AM

Quant Time: Aug 12 16:27:25 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 12 16:27:25 2021
 QLast Update : Thu Aug 12 15:26:13 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1412265	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4148551	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3743202m	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2681280	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1892738	8.772	ppbv	100
3) Chlorodifluoromethane	2.99	51	2392428	8.626	ppbv	98
4) Chloromethane	3.14	50	880177	8.829	ppbv	98
5) Vinyl Chloride	3.26	62	922165	9.055	ppbv	97
6) Bromomethane	3.47	94	448452	7.873	ppbv	98
7) Chloroethane	3.56	64	320387	8.834	ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	2124800	8.824	ppbv	99
9) Propene	3.01	41	850357	9.131	ppbv	98
10) Heptane	8.12	43	2129783	9.405	ppbv	98
11) Trichlorofluoromethane	3.95	101	2029645	8.693	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1463767	8.950	ppbv	97
13) Ethanol	3.62	45	97691m	9.829	ppbv	
14) Bromoethene	3.74	108	667428	9.174	ppbv	97
15) Acetone	3.85	43	1148658	7.669	ppbv	99
16) 1,3-Butadiene	3.33	39	888007	8.834	ppbv	97
17) tert-Butyl alcohol	4.29	59	1376953	9.632	ppbv	100
18) 1,1-Dichloroethene	4.29	96	685689	9.030	ppbv	95
19) Isopropyl Alcohol	3.97	45	774240	8.882	ppbv #	1
20) Methylene Chloride	4.35	84	609010	7.690	ppbv	90
21) Allyl Chloride	4.41	41	1092983	9.313	ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	675048	9.477	ppbv	95
23) Vinyl Acetate	5.07	43	2020515	8.792	ppbv	100
24) 1,1-Dichloroethane	5.01	63	1452583	8.138	ppbv	97
25) Ethyl Acetate	5.68	43	3331006	9.332	ppbv	99
26) Hexane	5.69	57	1632722	8.863	ppbv	99
27) Carbon Disulfide	4.55	76	1655012	10.657	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1709928	8.674	ppbv	100
29) Chloroform	5.75	83	2309143	8.904	ppbv	98
30) Cyclohexane	7.13	84	1330687	8.772	ppbv	96
31) cis-1,2-Dichloroethene	5.55	61	1540247	9.673	ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	2263143	8.647	ppbv	99
34) 2-Butanone	5.25	43	1455446	8.498	ppbv	97
35) Carbon Tetrachloride	7.02	117	2337882	9.139	ppbv	98
36) Benzene	6.89	78	3289369	9.403	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1629272	9.127	ppbv	99
38) Trichloroethene	7.84	130	1285749	8.327	ppbv	97
39) 1,2-Dichloropropane	7.62	63	1265192	9.494	ppbv	100
40) 1,4-Dioxane	7.84	88	283902	8.755	ppbv #	100
41) Tetrahydrofuran	6.05	42	758492	9.643	ppbv	99
42) Bromodichloromethane	7.79	83	2479606	9.919	ppbv	96
43) Methyl Methacrylate	8.01	69	1187329	10.015	ppbv	100

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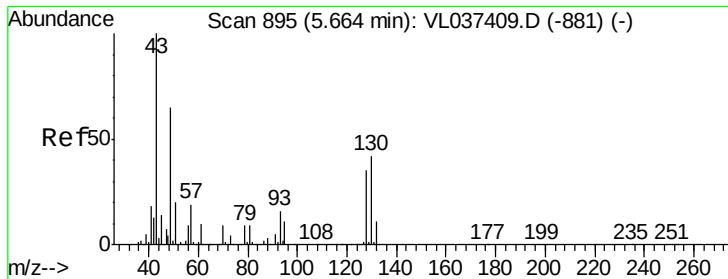
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5470834	9.354	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	804032	9.126	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1057617	8.599	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1325631	9.202	ppbv	97
48) Dibromochloromethane	10.30	129	2092942	10.070	ppbv	97
49) Bromoform	13.04	173	1610000	10.223	ppbv	97
50) 4-Methyl-2-Pentanone	8.75	43	2189936	10.163	ppbv	100
51) 2-Hexanone	10.14	43	1051540m	10.373	ppbv	
52) Tetrachloroethene	11.22	164	1180769	8.012	ppbv	95
53) Toluene	9.81	91	3781816	9.469	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1811503	9.240	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.12	131	1412166	9.477	ppbv #	56
57) Chlorobenzene	12.15	112	2683868	8.847	ppbv	96
58) Ethyl Benzene	12.71	91	4810979	9.475	ppbv	99
59) m/p-Xylene	12.99	91	8147264m	18.265	ppbv	
60) o-Xylene	13.69	91	3692342	8.911	ppbv	99
61) Styrene	13.53	104	2040156	9.745	ppbv	99
62) Isopropylbenzene	14.66	105	5206824	8.786	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2619233	8.381	ppbv	100
64) n-propylbenzene	15.56	120	1334570	8.950	ppbv	100
65) tert-Butylbenzene	16.74	119	4618261	8.642	ppbv	99
66) Benzyl Chloride	16.99	91	210380	8.604	ppbv #	98
67) sec-Butylbenzene	17.29	105	6428628	8.841	ppbv	99
69) p-Isopropyltoluene	17.65	119	5421918	9.085	ppbv	100
70) n-Butylbenzene	18.55	91	5272932	9.506	ppbv	99
71) 2-Chlorotoluene	15.45	91	3726247	8.890	ppbv	99
72) 4-Ethyltoluene	15.84	105	4622645	9.611	ppbv	97
73) 1,3,5-Trimethylbenzene	16.00	105	4130863	9.084	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	4146997	8.907	ppbv	99
75) 1,3-Dichlorobenzene	16.99	146	2482351	8.712	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2386735	8.449	ppbv	100
77) 1,2-Dichlorobenzene	17.81	146	2385340	8.701	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1830700	8.244	ppbv	100
79) Naphthalene	22.19	128	3132514	12.380	ppbv	98
80) Naphthalene, 2-methyl-	24.97	142	939619	17.582	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	1900309	11.053	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

ICVVL081221

Tot Ion: 49 Resp: 1412265

Ion Ratio Lower Upper

49 100

128 55.3 27.9 83.6

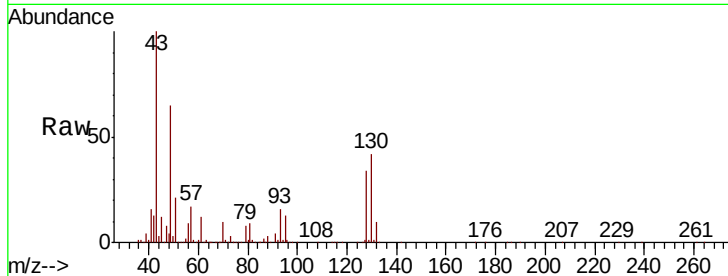
130 67.8 34.6 103.8

Manual Integrations

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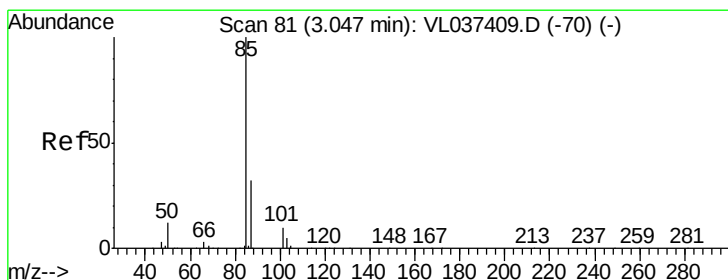
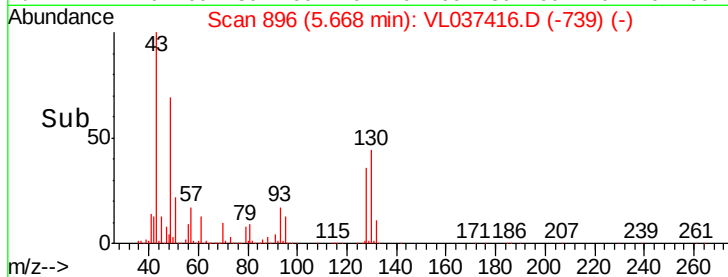
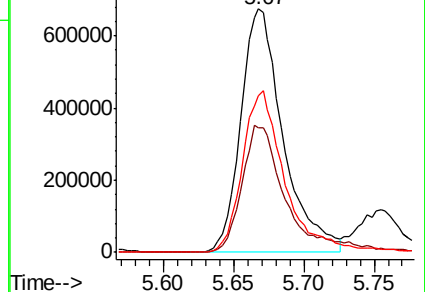
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.772 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL037416.D

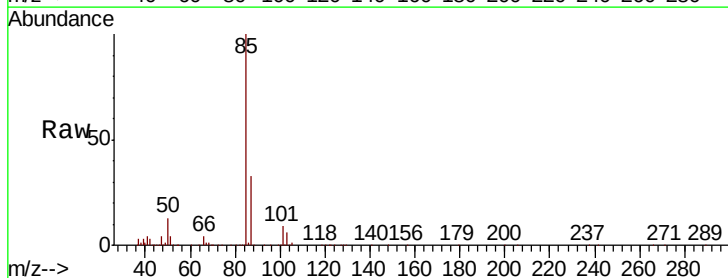
Acq: 12 Aug 2021 15:43

Tgt Ion: 85 Resp: 1892738

Ion Ratio Lower Upper

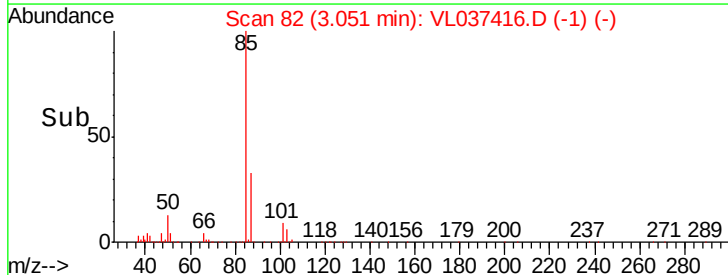
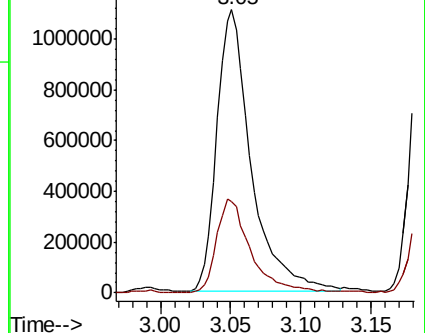
85 100

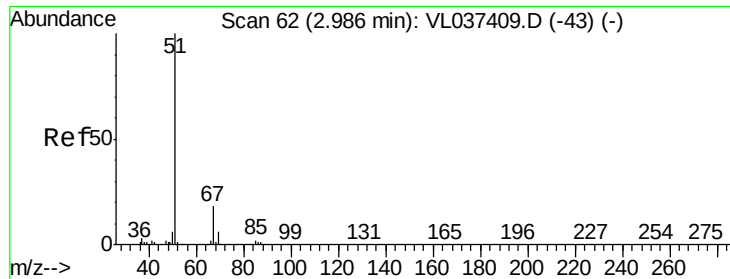
87 32.4 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.626 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.00 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081221

Tot Ion: 51 Resp: 2392428

Ion Ratio Lower Upper

51 100

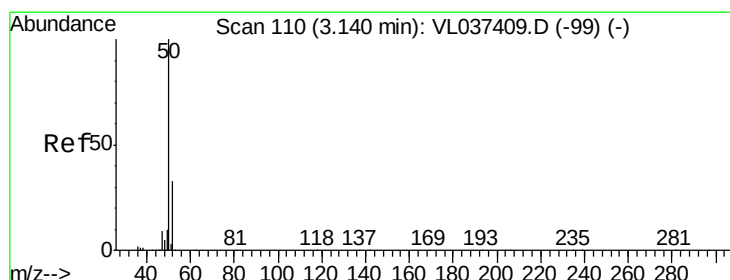
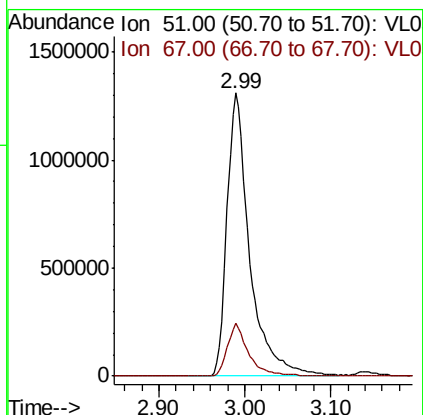
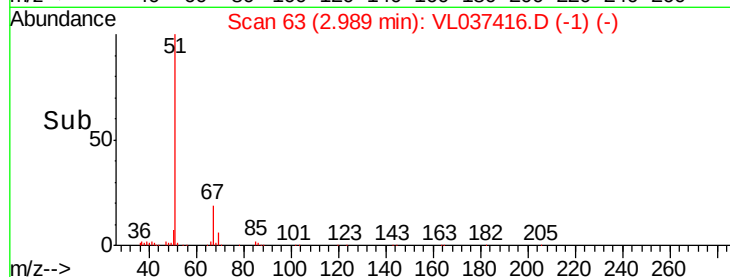
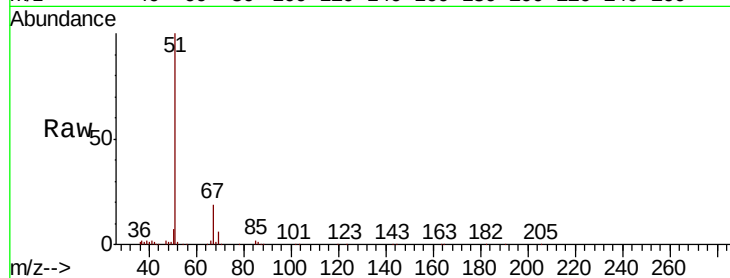
67 17.6 14.7 22.1

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#4

Chloromethane

Concen: 8.829 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL037416.D

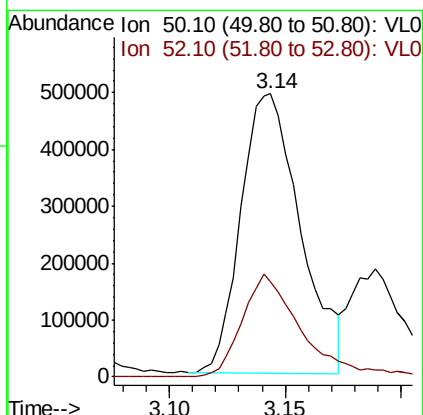
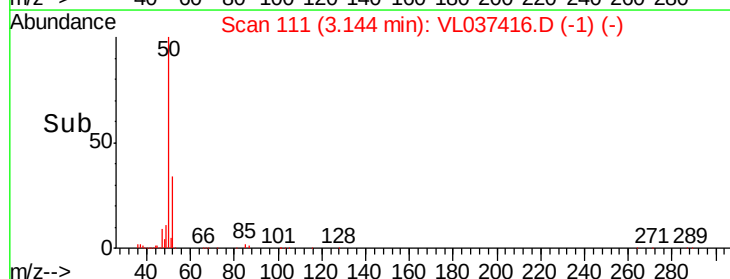
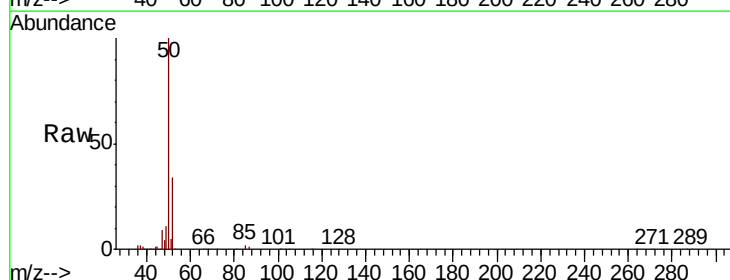
Acq: 12 Aug 2021 15:43

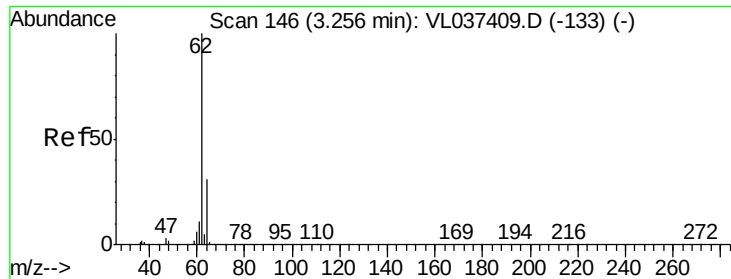
Tgt Ion: 50 Resp: 880177

Ion Ratio Lower Upper

50 100

52 34.0 26.2 39.4





#5

Vinyl Chloride

Concen: 9.055 ppbv

RT: 3.26 min Scan# 147

Delta R.T. 0.00 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081221

Tot Ion: 62 Resp: 922165

Ion Ratio Lower Upper

62 100

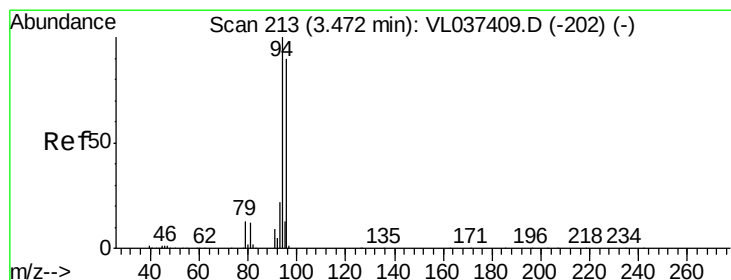
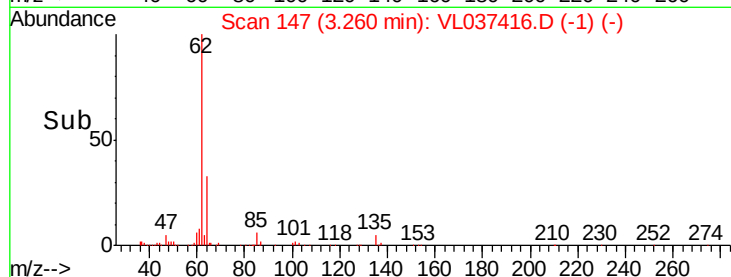
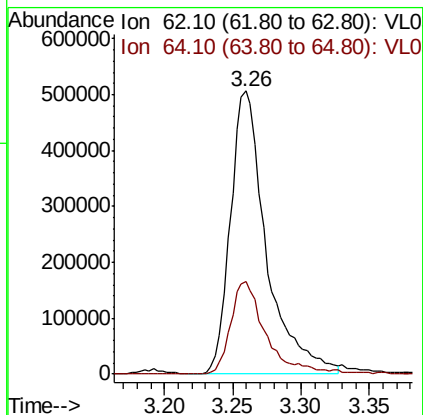
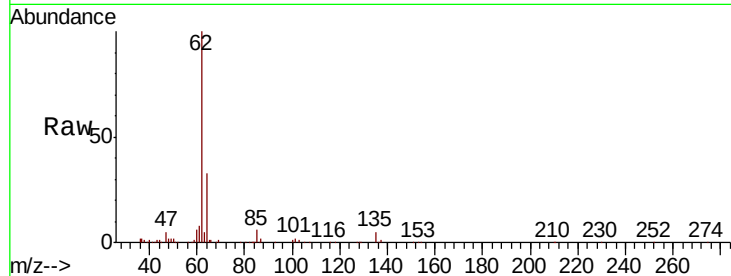
64 33.0 25.0 37.6

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#6

Bromomethane

Concen: 7.873 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL037416.D

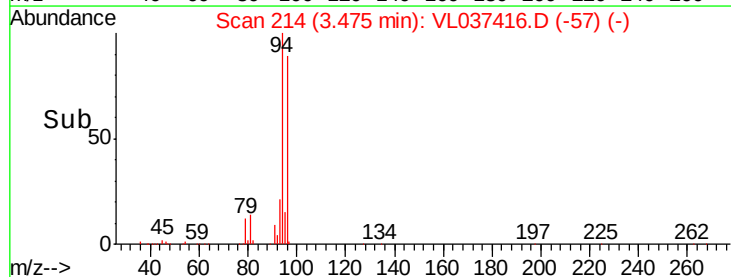
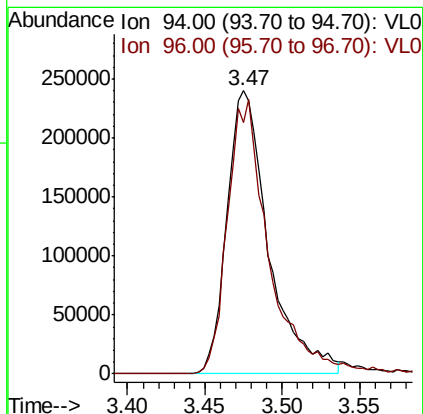
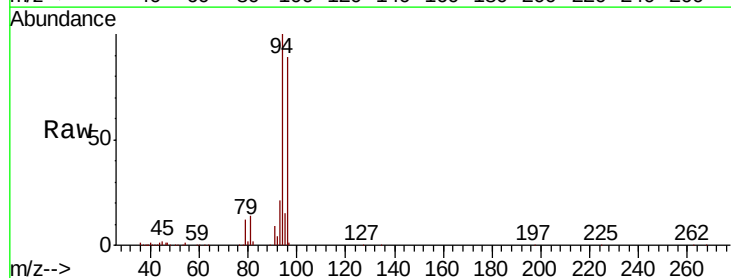
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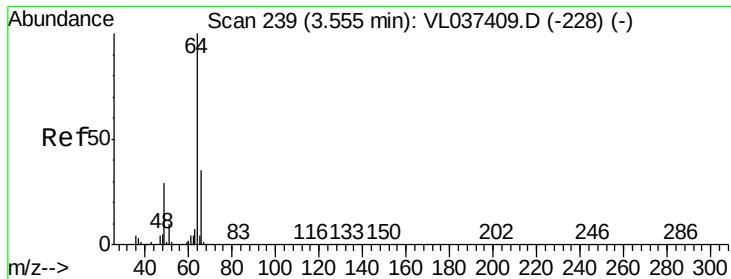
Tgt Ion: 94 Resp: 448452

Ion Ratio Lower Upper

94 100

96 88.4 72.2 108.4





#7

Chloroethane

Concen: 8.834 ppbv

RT: 3.56 min Scan# 240

Delta R.T. 0.00 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

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ClientSampleId :

ICVVL081221

Tot Ion: 64 Resp: 320387

Ion Ratio Lower Upper

64 100

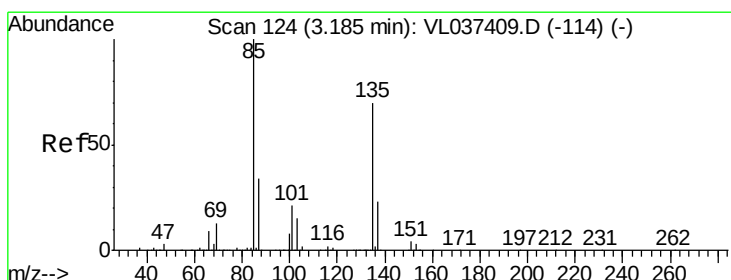
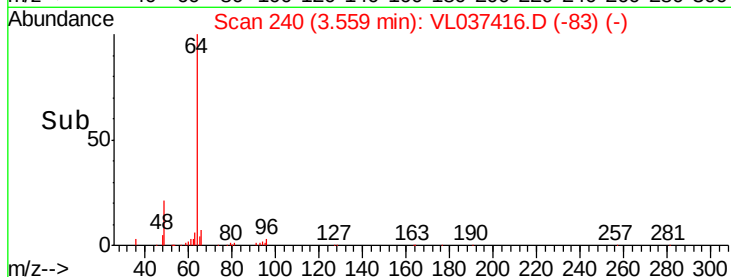
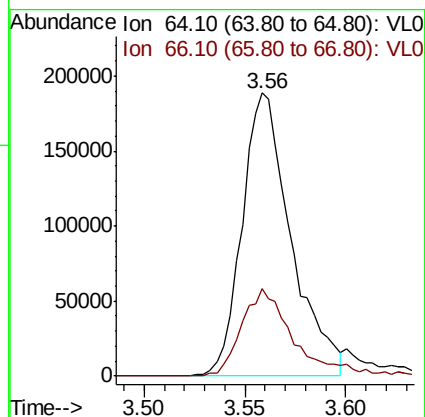
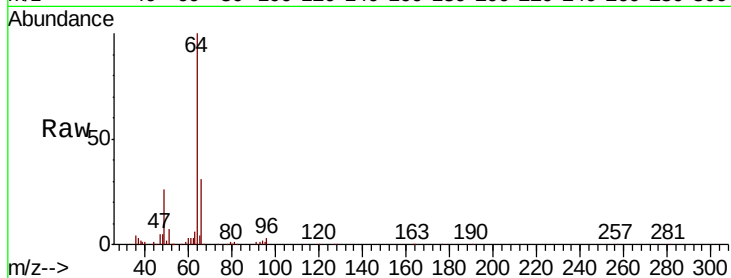
66 31.1 27.8 41.8

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#8

Dichlorotetrafluoroethane

Concen: 8.824 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL037416.D

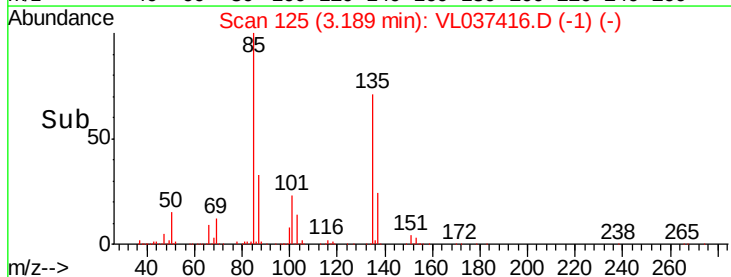
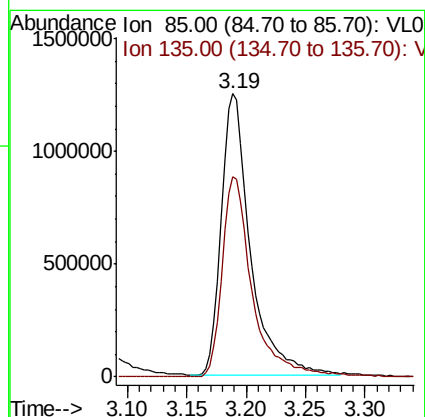
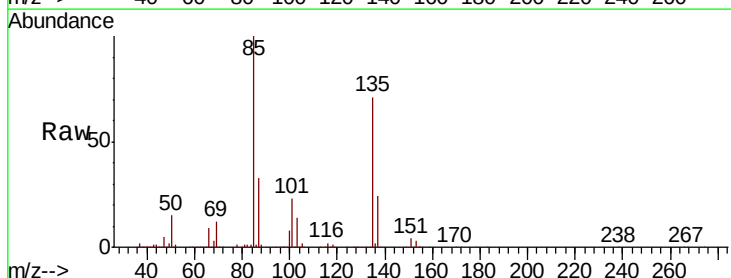
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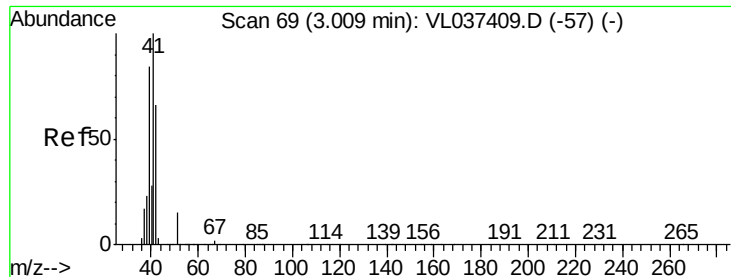
Tgt Ion: 85 Resp: 2124800

Ion Ratio Lower Upper

85 100

135 74.1 58.6 88.0





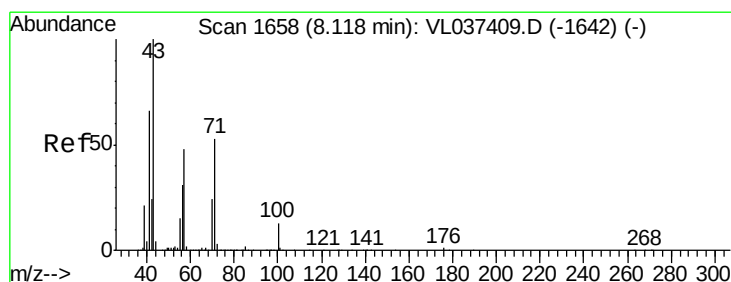
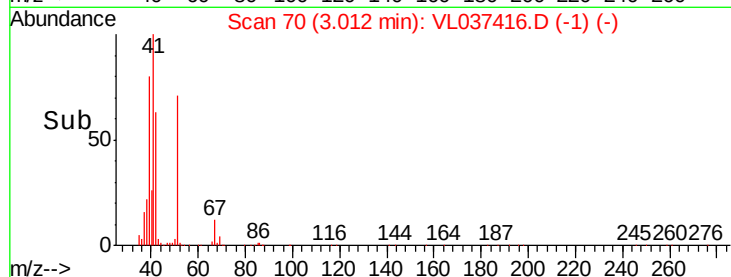
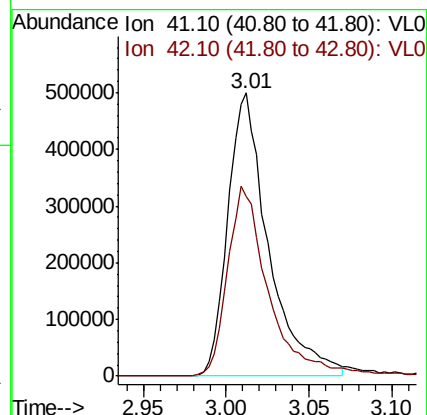
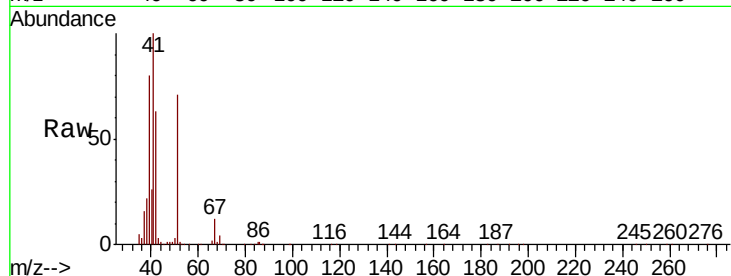
#9
 Propene
 Concen: 9.131 ppbv
 RT: 3.01 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion	Ratio	Lower	Upper
41	100		
42	68.9	53.8	80.8

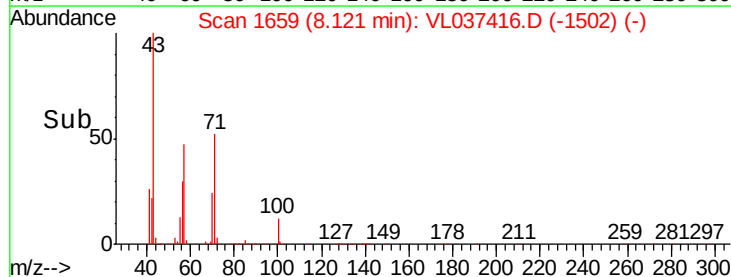
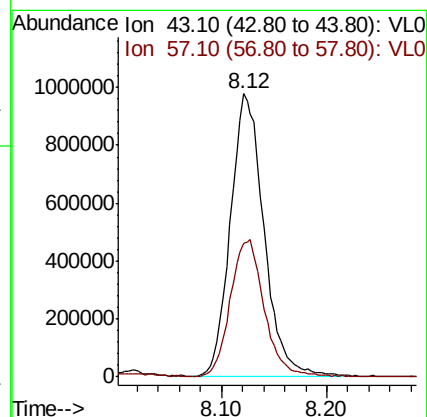
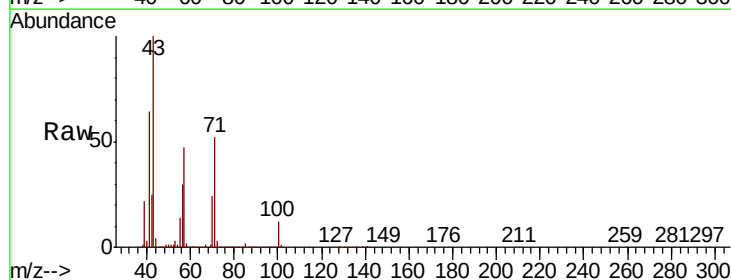
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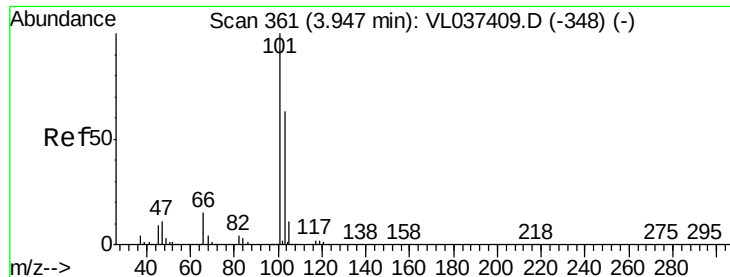
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#10
 Heptane
 Concen: 9.405 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
43	100		
57	48.9	40.3	60.5





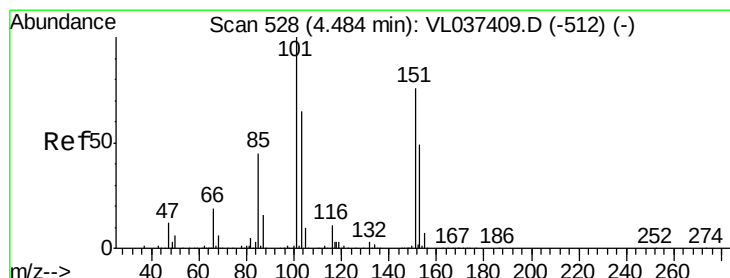
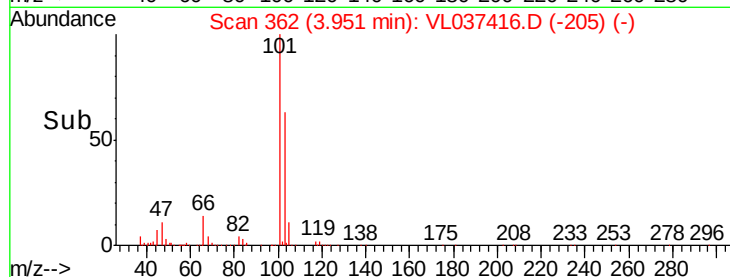
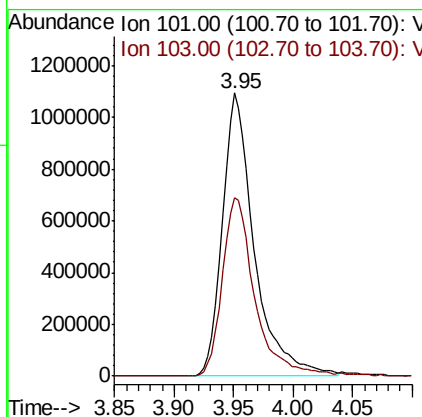
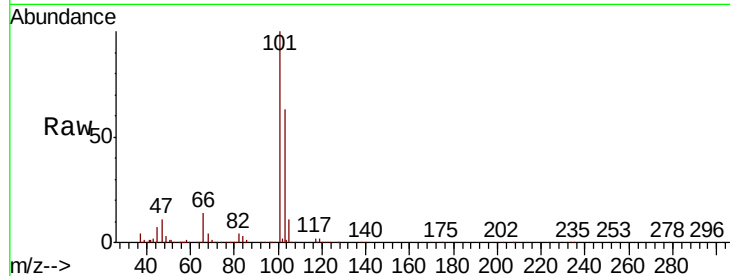
#11
 Trichlorofluoromethane
 Concen: 8.693 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion:101 Resp: 2029645
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.2 75.4

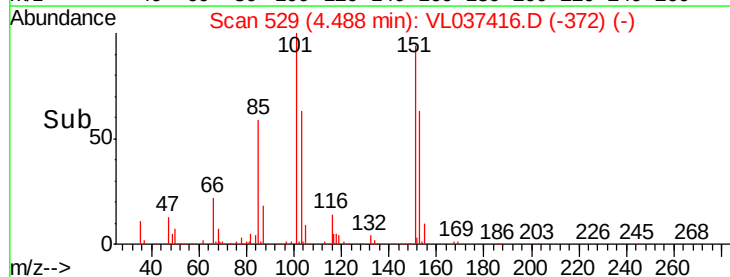
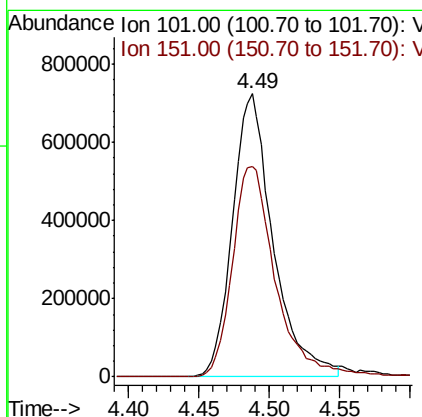
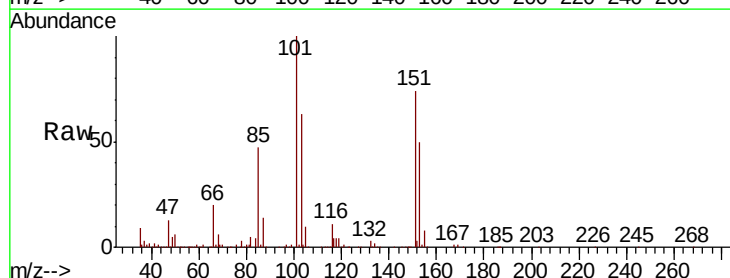
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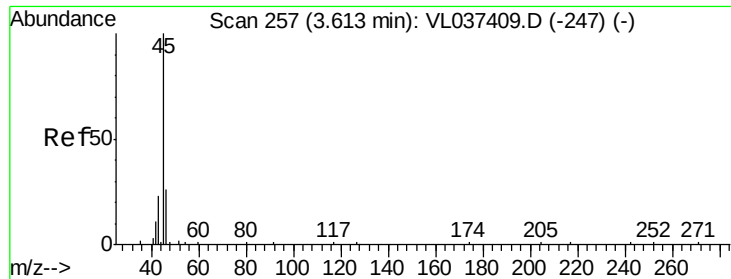
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.950 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion:101 Resp: 1463767
 Ion Ratio Lower Upper
 101 100
 151 79.4 61.2 91.8





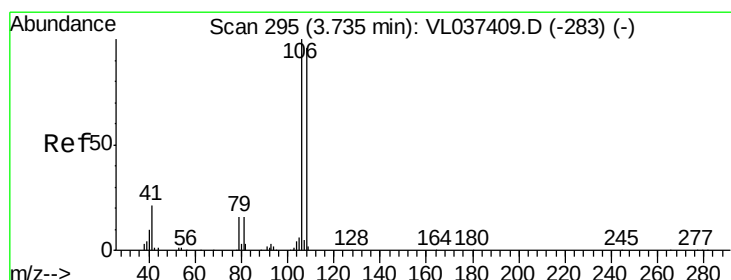
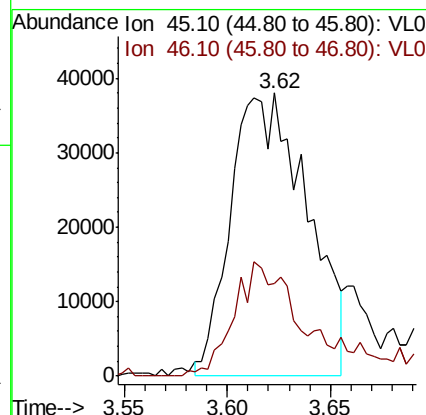
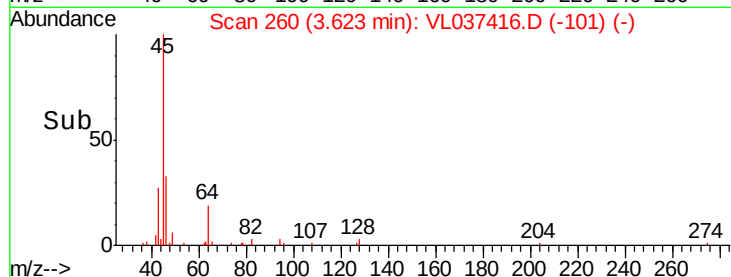
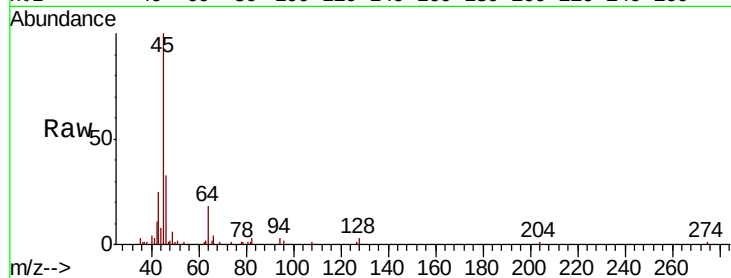
#13
Ethanol
Concen: 9.829 ppbv m
RT: 3.62 min Scan# 260
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion	Ratio	Lower	Upper
45	100		
46	43.3	18.0	72.2

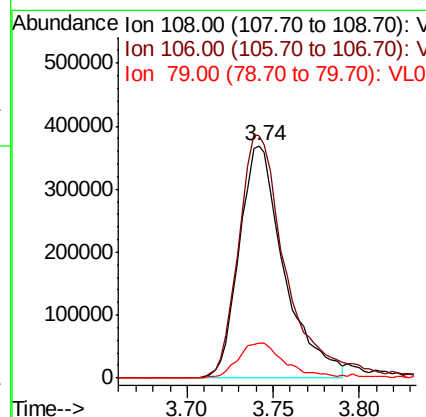
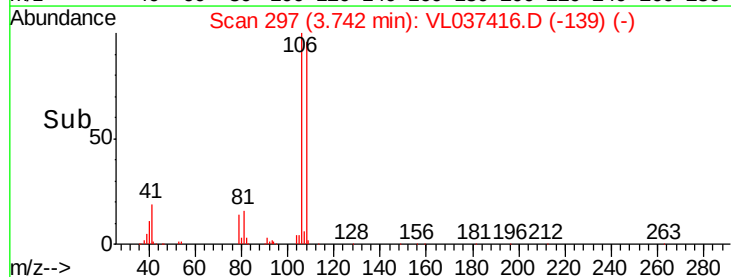
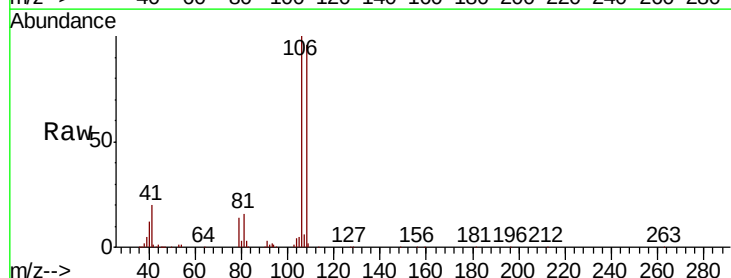
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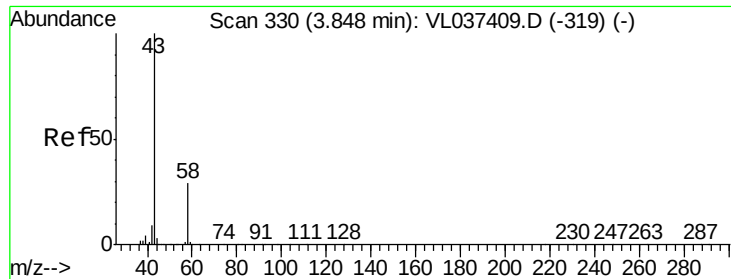
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#14
Bromoethene
Concen: 9.174 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
108	100		
106	113.6	87.5	131.3
79	16.9	13.5	20.3





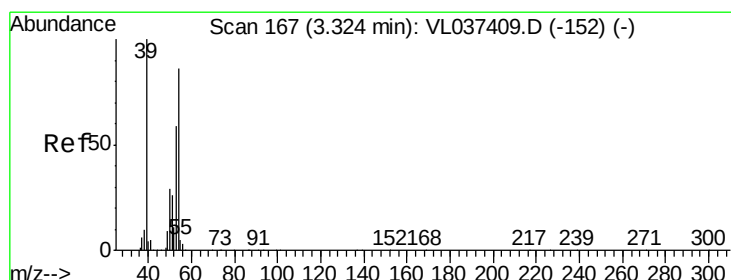
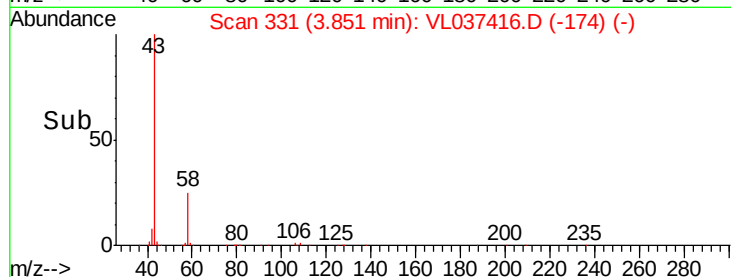
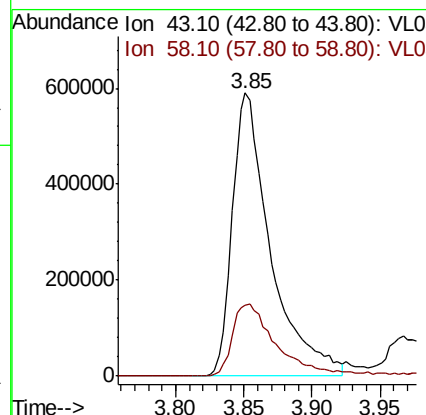
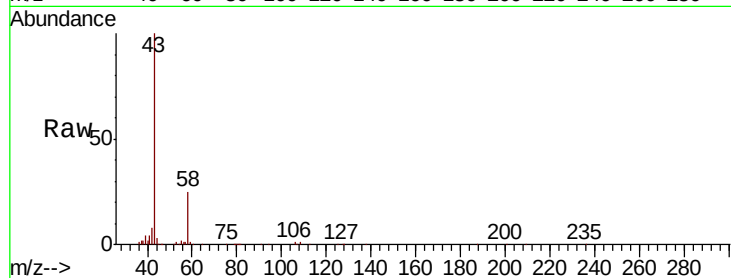
#15
Acetone
Concen: 7.669 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion: 43 Resp: 1148658
Ion Ratio Lower Upper
43 100
58 30.0 24.4 36.6

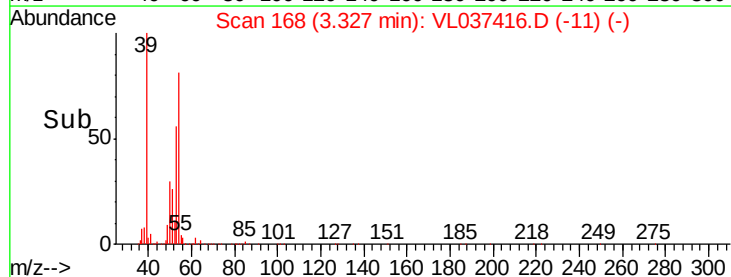
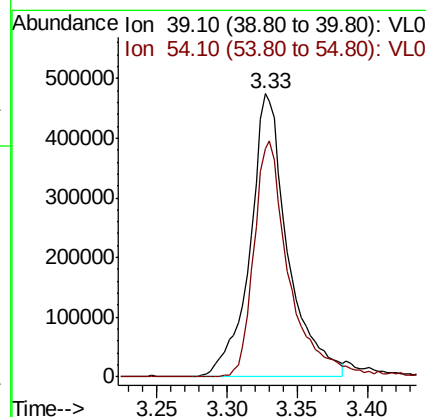
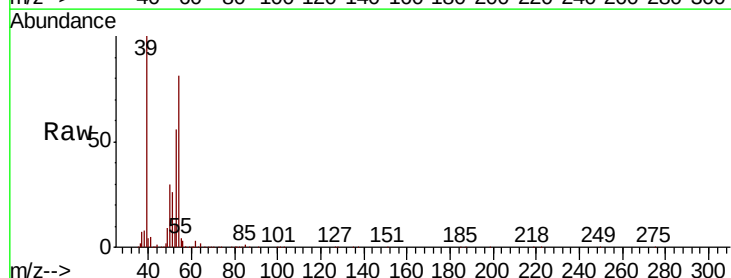
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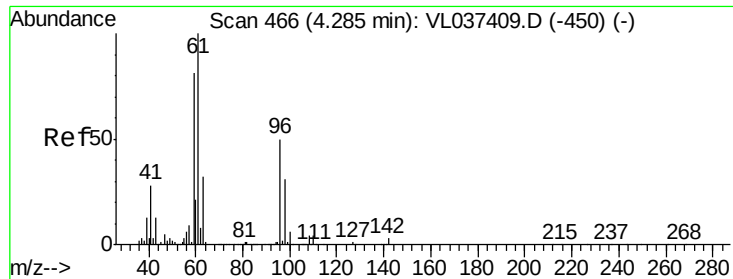
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#16
1,3-Butadiene
Concen: 8.834 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion: 39 Resp: 888007
Ion Ratio Lower Upper
39 100
54 79.4 61.4 92.0





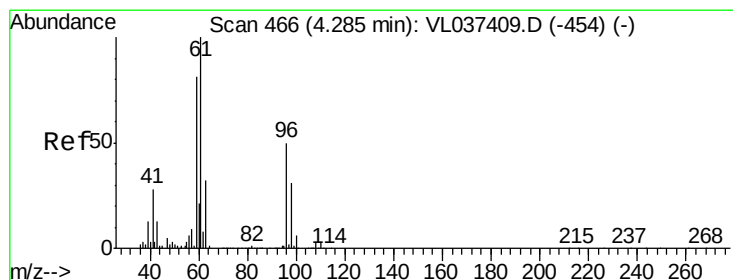
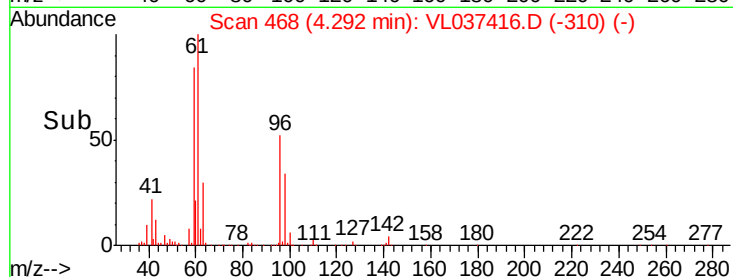
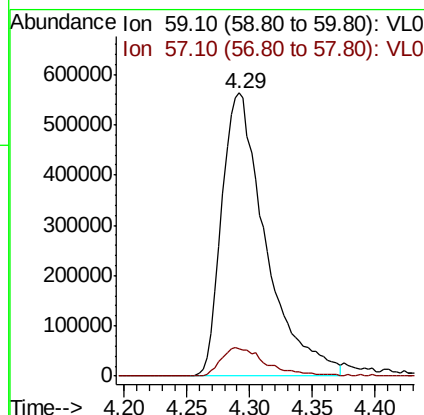
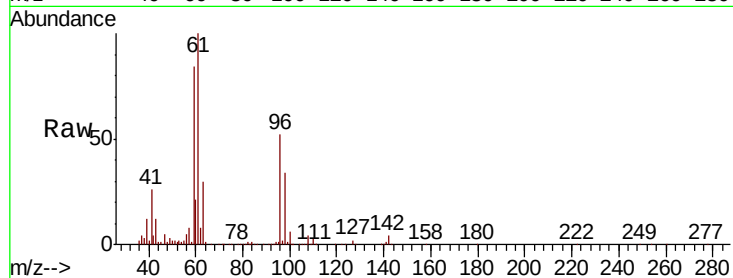
#17
tert-Butyl alcohol
Concen: 9.632 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion: 59 Resp: 1376953
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

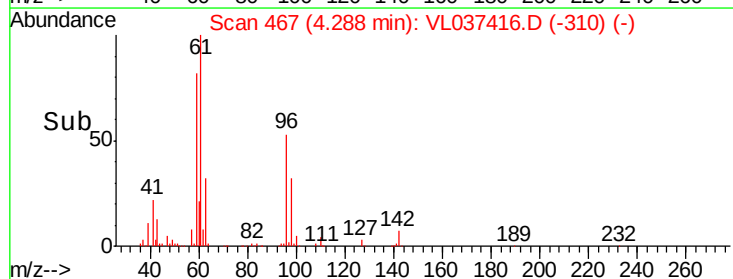
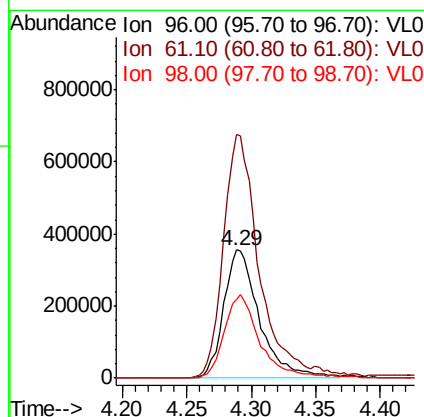
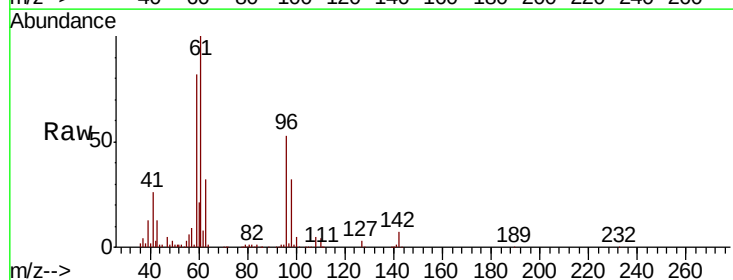
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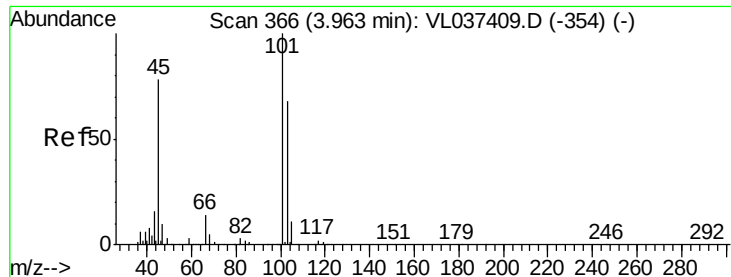
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#18
1,1-Dichloroethene
Concen: 9.030 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion: 96 Resp: 685689
Ion Ratio Lower Upper
96 100
61 189.5 159.0 238.4
98 61.1 49.4 74.2





#19

Isopropyl Alcohol

Concen: 8.882 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081221

Tot Ion: 45 Resp: 774240

Ion Ratio Lower Upper

45 100

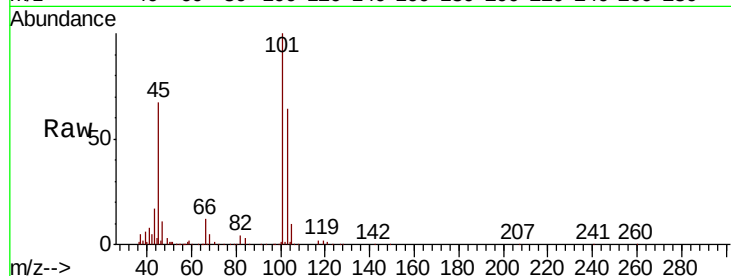
58 44.6 2.2 3.4#

Manual Integrations

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

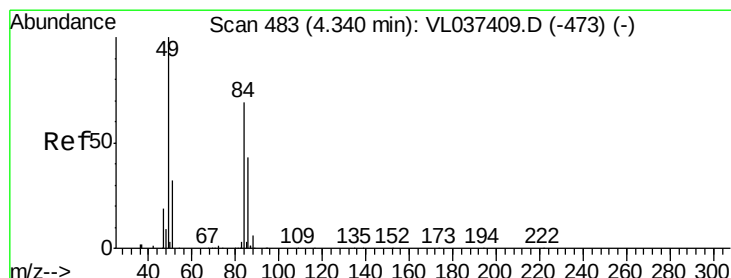
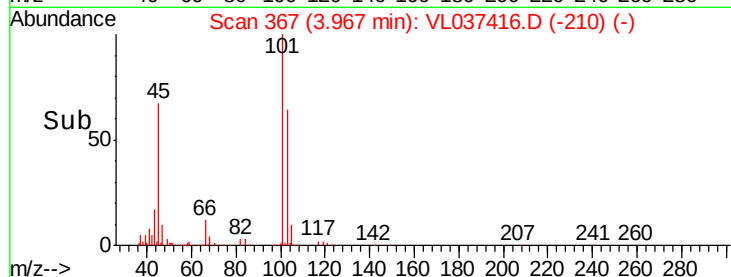
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 7.690 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.01 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Tgt Ion: 84 Resp: 609010

Ion Ratio Lower Upper

84 100

49 156.6 116.0 174.0

51 43.9 37.1 55.7

86 73.5 49.4 74.0

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

800000

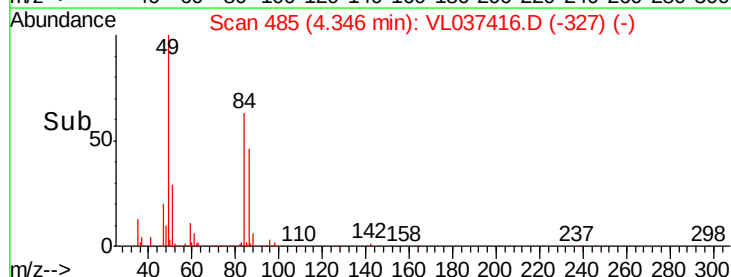
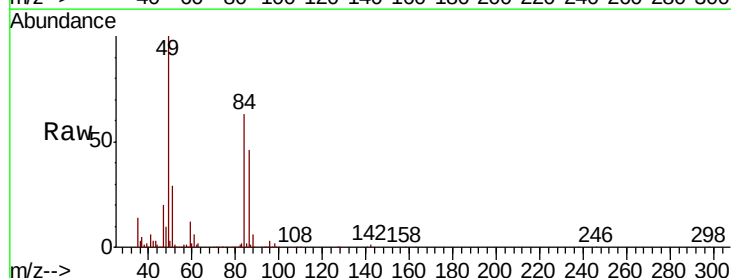
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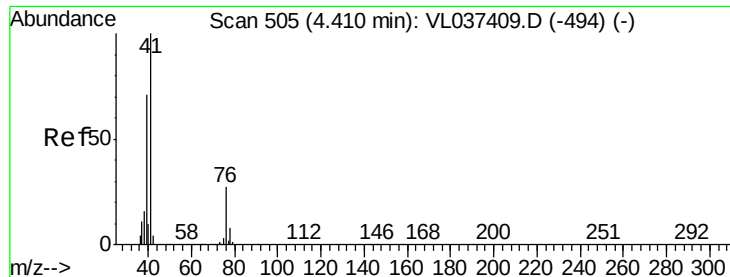
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Time-->





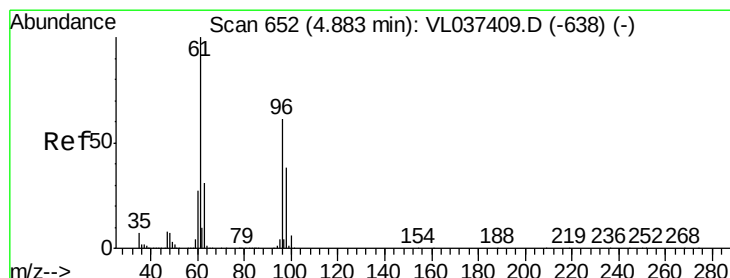
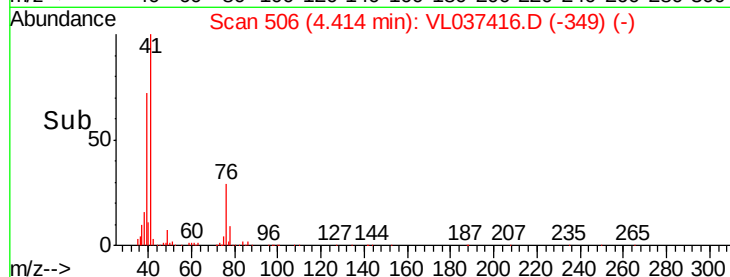
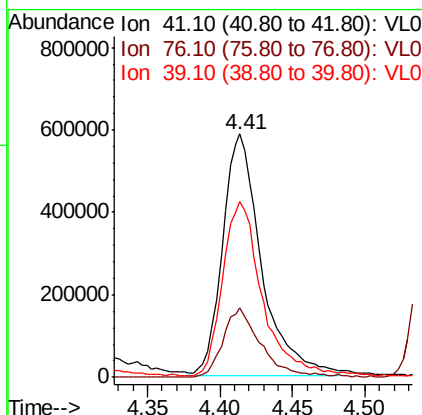
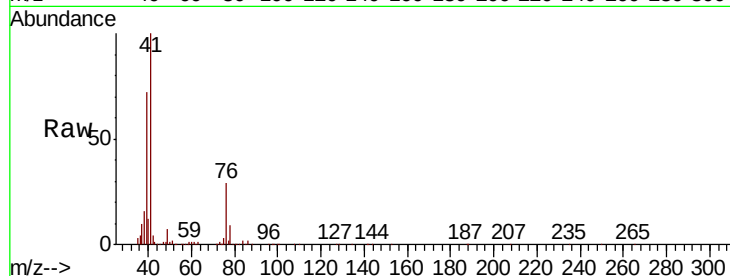
#21
 Allvl Chloride
 Concen: 9.313 ppbv
 RT: 4.41 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion	Ratio	Lower	Upper
41	100		
76	28.4	23.7	35.5
39	75.0	62.3	93.5

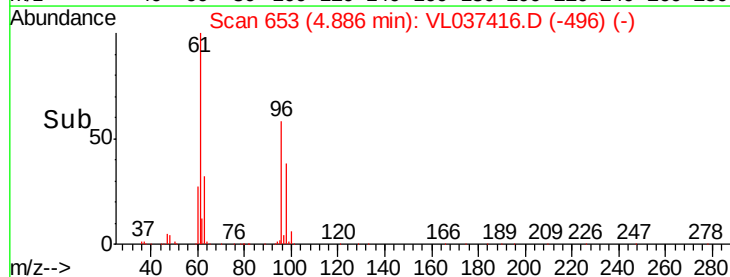
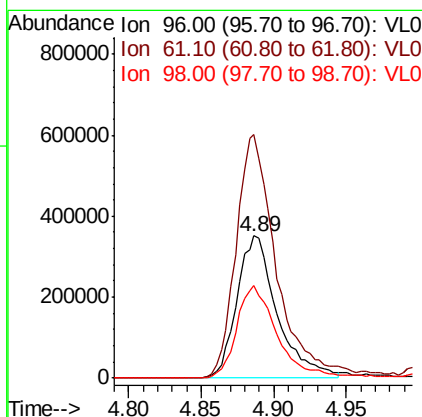
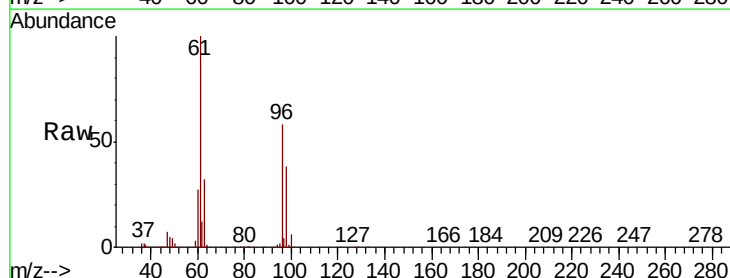
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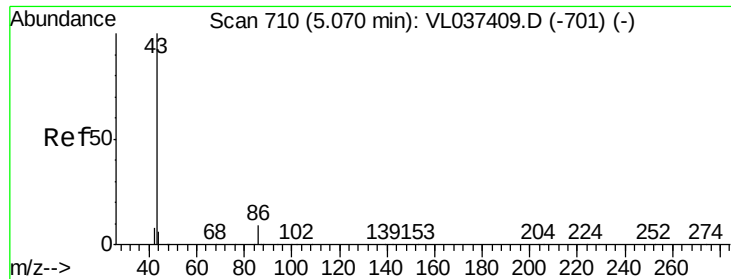
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#22
 trans-1,2-Dichloroethene
 Concen: 9.477 ppbv
 RT: 4.89 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.4	131.0	196.4
98	65.0	50.2	75.4





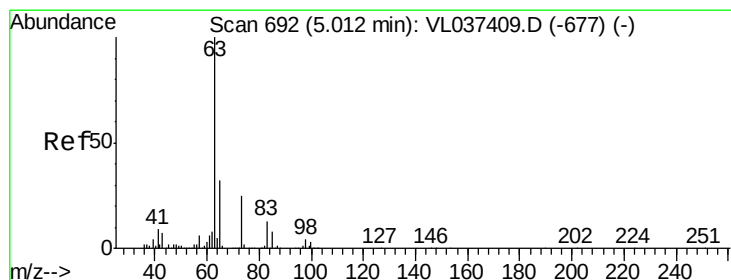
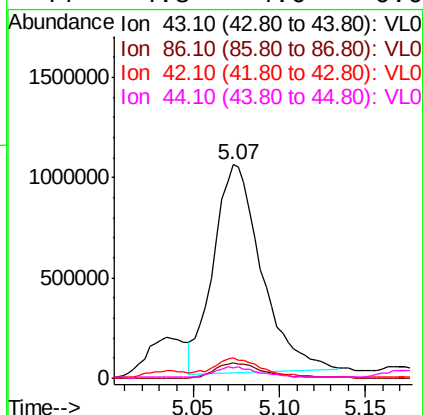
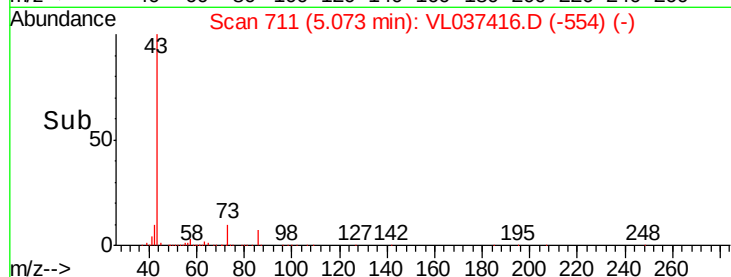
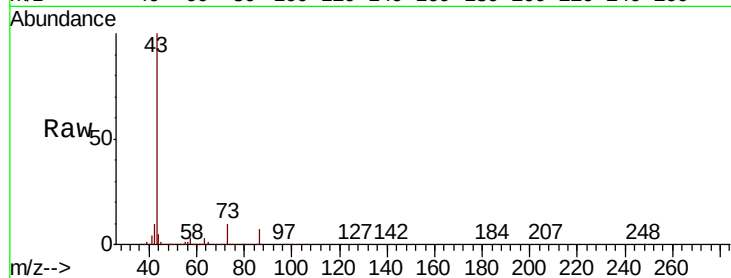
#23
 Vinyl Acetate
 Concen: 8.792 ppbv
 RT: 5.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion	43	Resp	2020515
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.8	8.8
42	9.5	7.7	11.5
44	4.8	4.0	6.0

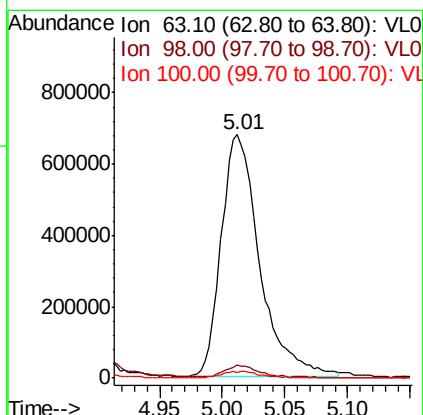
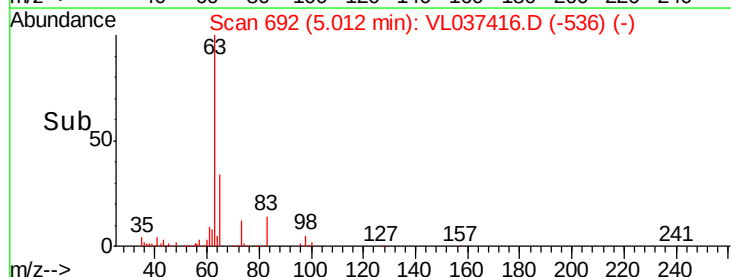
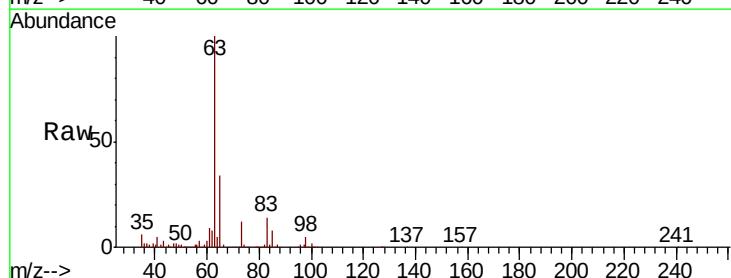
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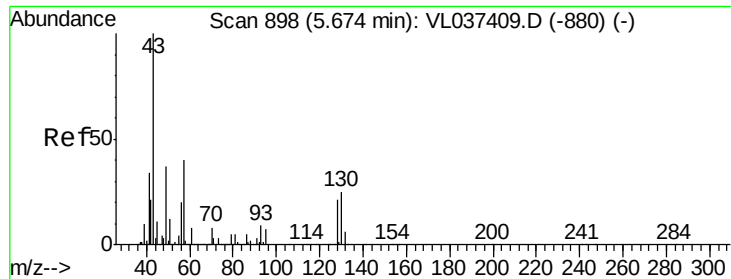
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#24
 1,1-Dichloroethane
 Concen: 8.138 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion	63	Resp	1452583
Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.1	6.3
100	2.4	1.6	4.7





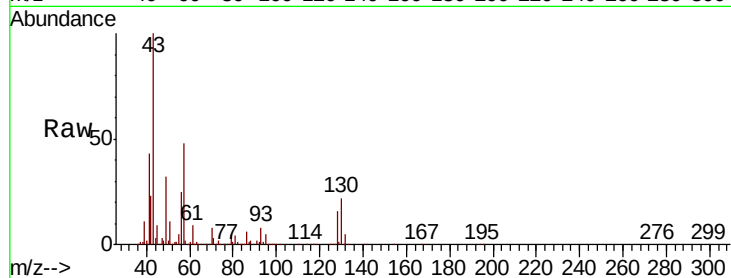
#25
Ethyl Acetate
Concen: 9.332 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	9.8	7.9	11.9	
61	10.2	7.7	11.5	
70	7.2	5.8	8.6	

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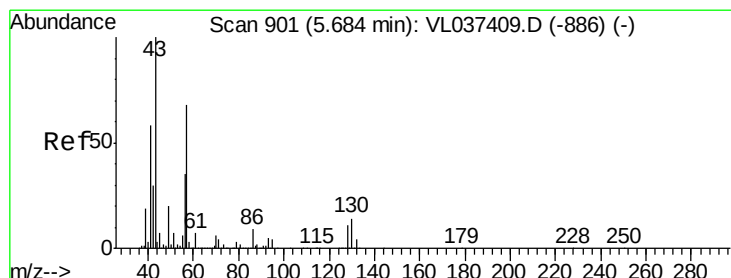
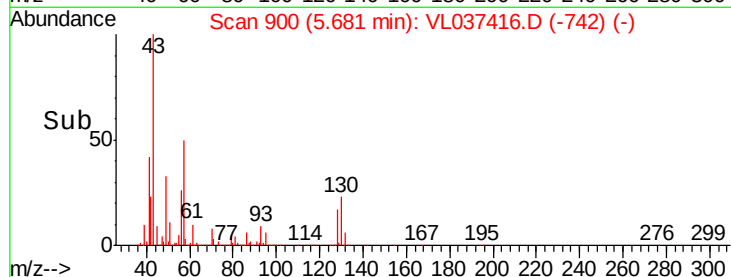
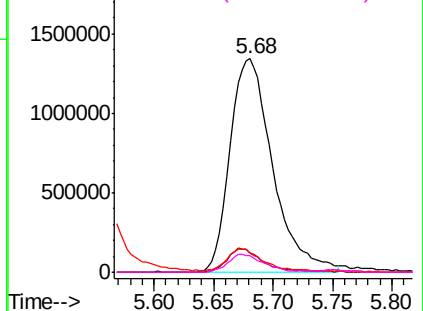
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.863 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	89.3	72.5	108.7	
43	209.2	169.3	253.9	
56	52.5	42.3	63.5	

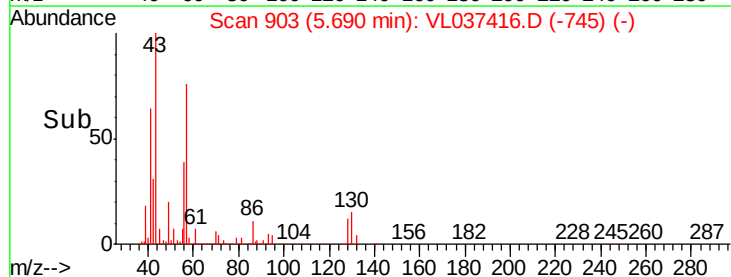
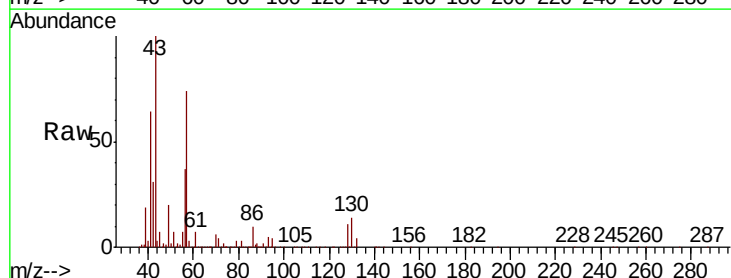
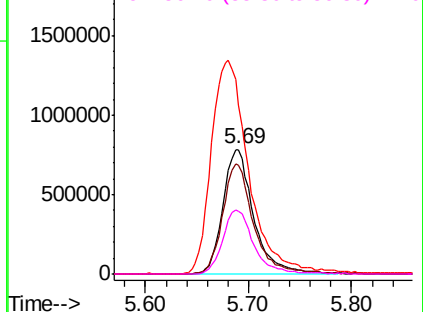
Abundance

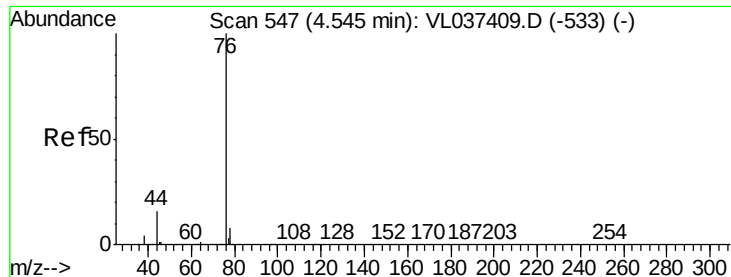
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





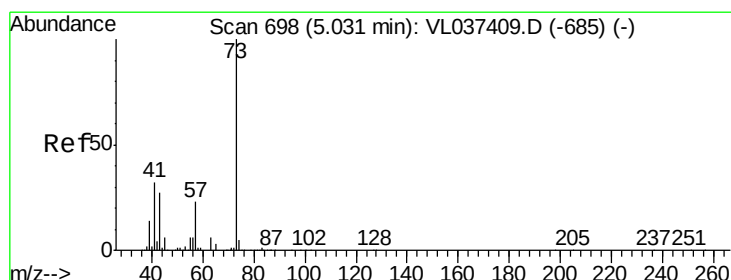
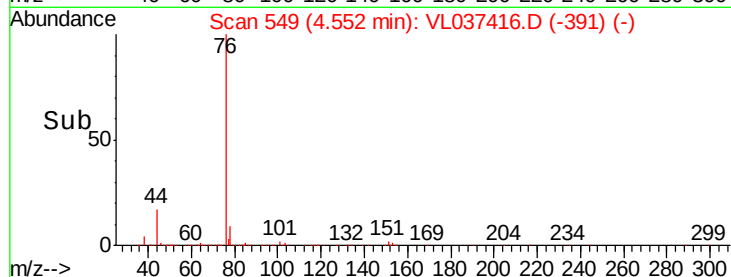
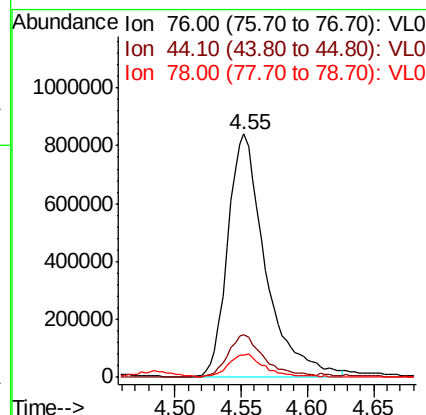
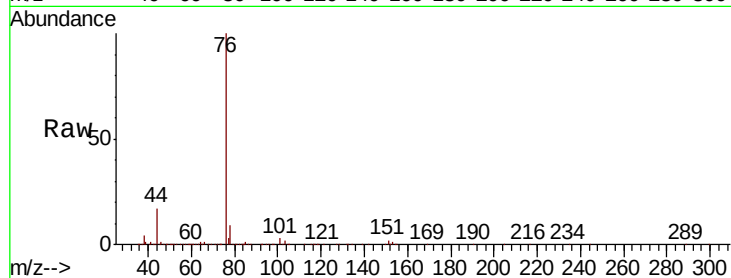
#27
Carbon Disulfide
Concen: 10.657 ppbv
RT: 4.55 min Scan# 549
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion	Ratio	Lower	Upper
76	100		
44	18.0	14.4	21.6
78	9.5	8.0	12.0

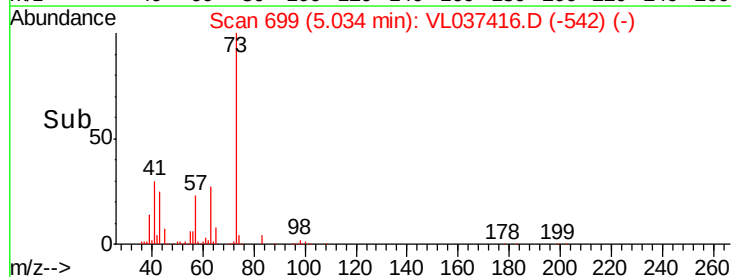
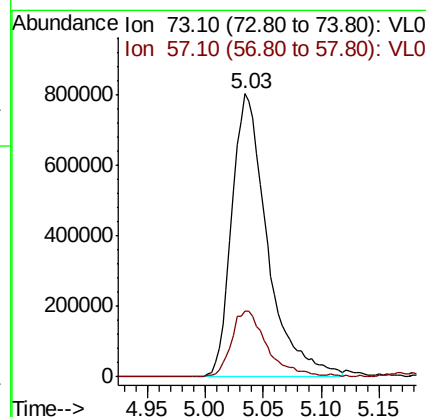
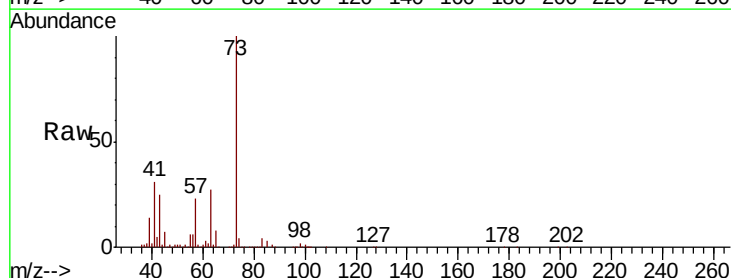
Manual Integrations
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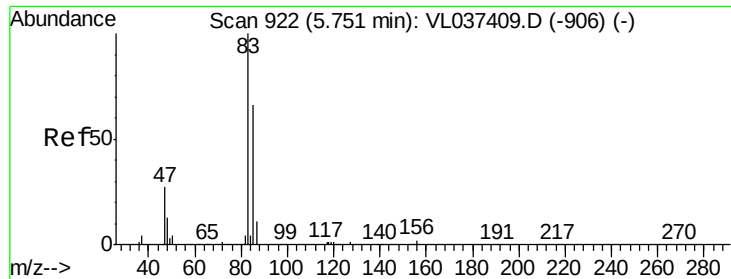
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#28
Methyl tert-Butyl Ether
Concen: 8.674 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.7	19.0	28.4





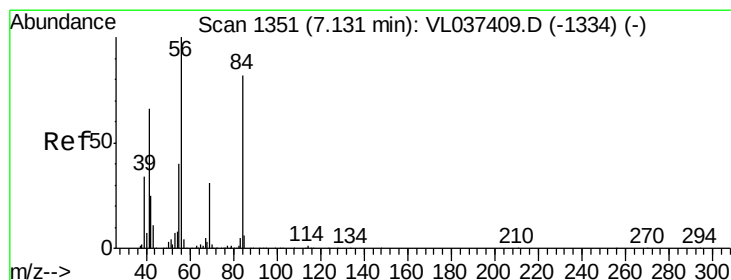
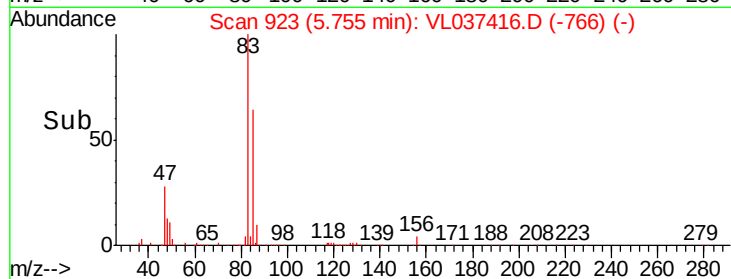
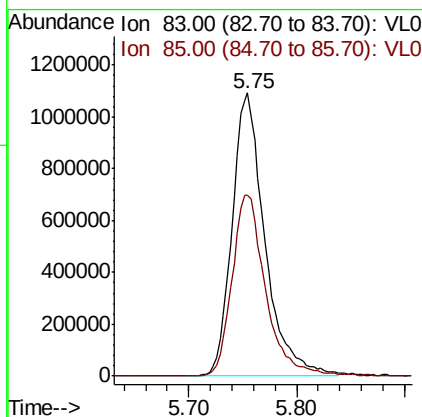
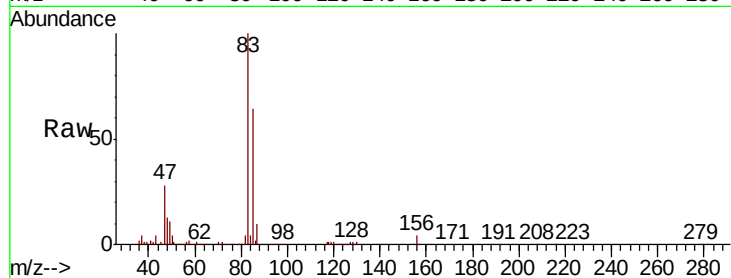
#29
Chloroform
Concen: 8.904 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion: 83 Resp: 2309143
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6

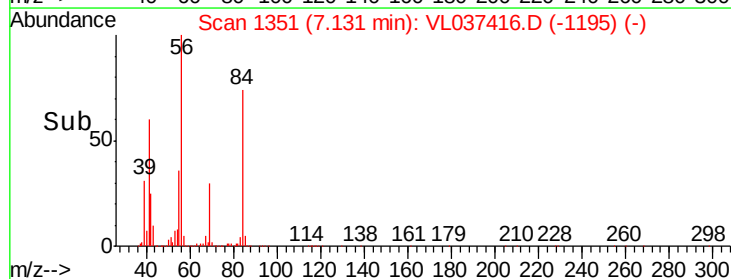
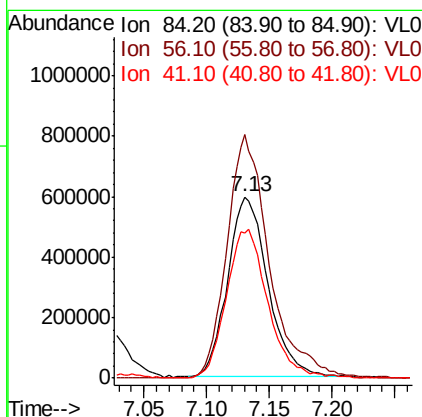
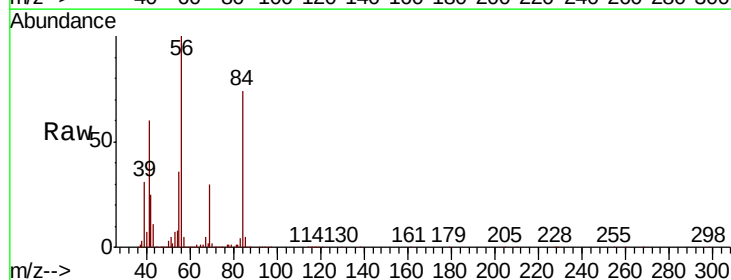
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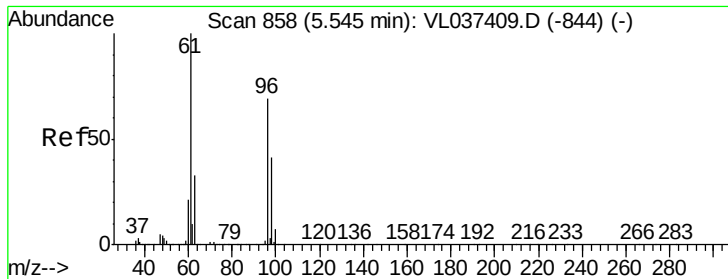
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#30
Cyclohexane
Concen: 8.772 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion: 84 Resp: 1330687
Ion Ratio Lower Upper
84 100
56 143.2 109.6 164.4
41 84.6 66.6 99.8





#31

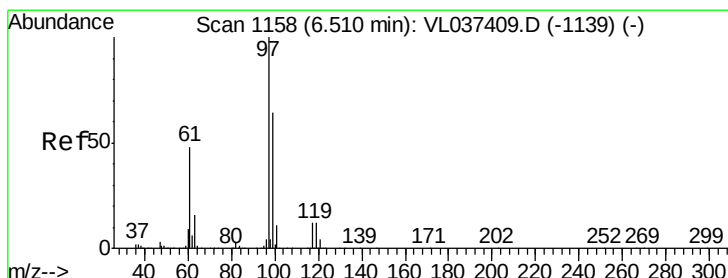
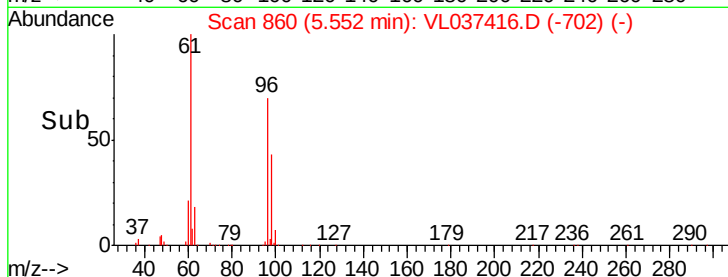
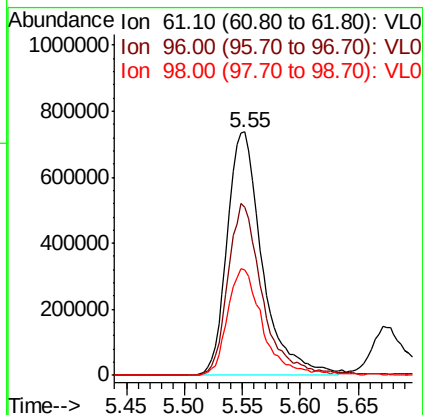
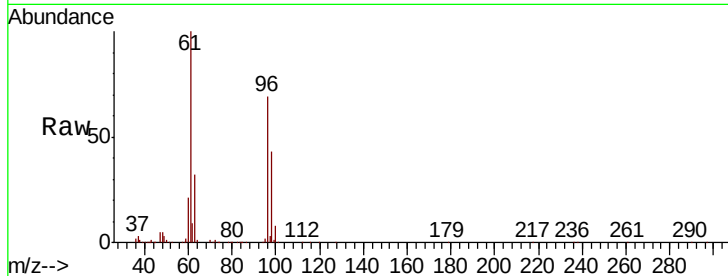
cis-1,2-Dichloroethene
Concen: 9.673 ppbv
RT: 5.55 min Scan# 860
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion	Ratio	Lower	Upper
61	100		
96	69.0	55.5	83.3
98	43.3	33.1	49.7

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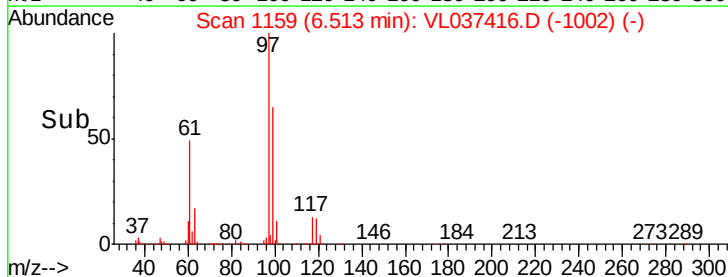
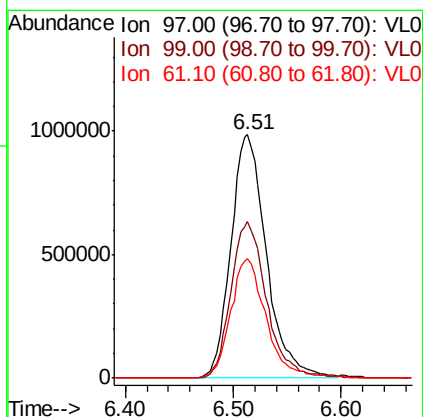
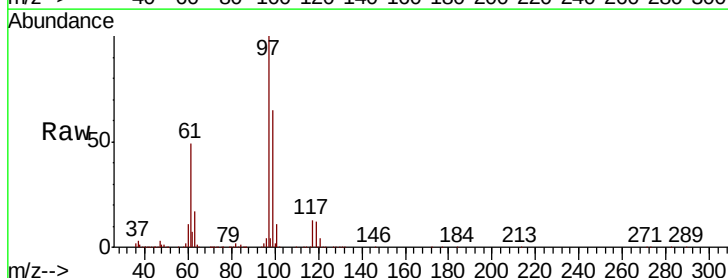
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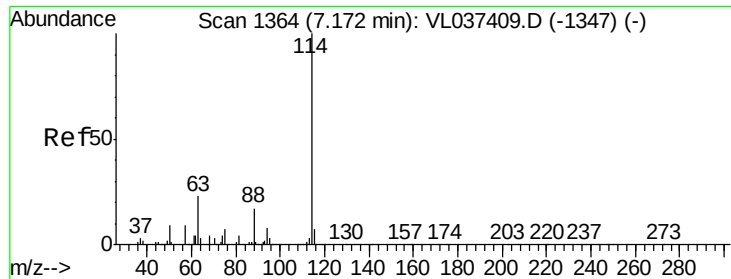


#32

1,1,1-Trichloroethane
Concen: 8.647 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.3	78.5
61	49.5	40.1	60.1





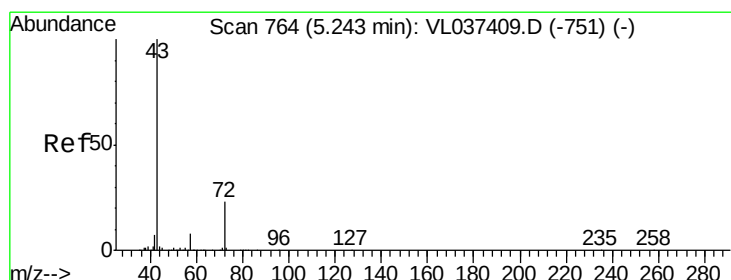
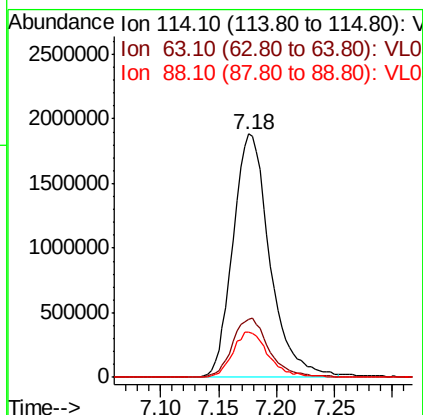
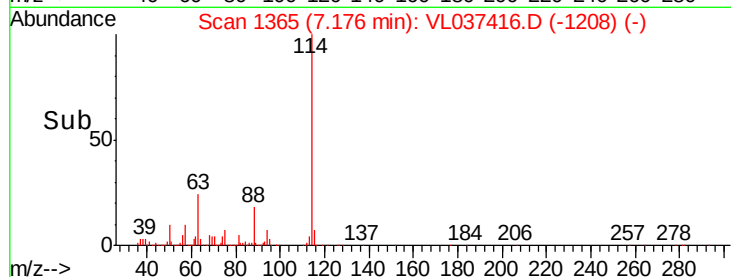
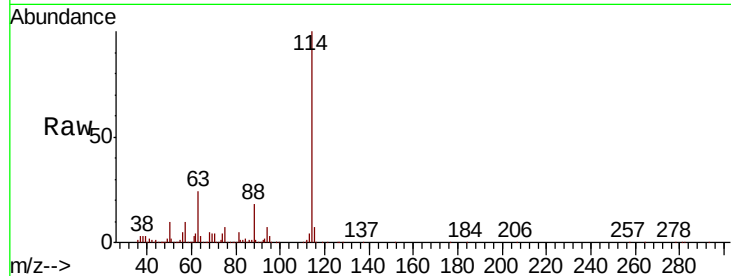
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.4	29.2
88	18.5	14.2	21.4

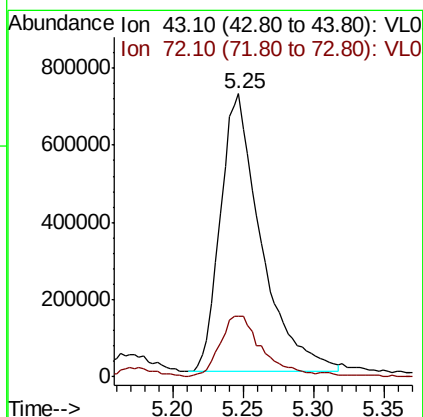
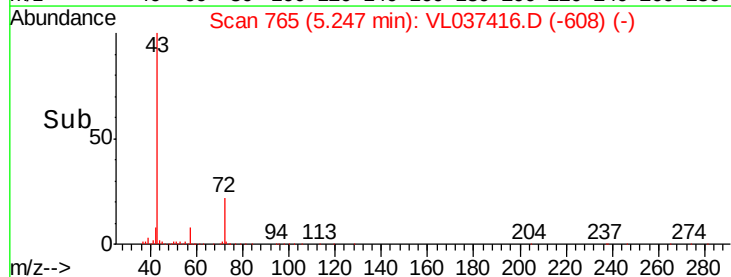
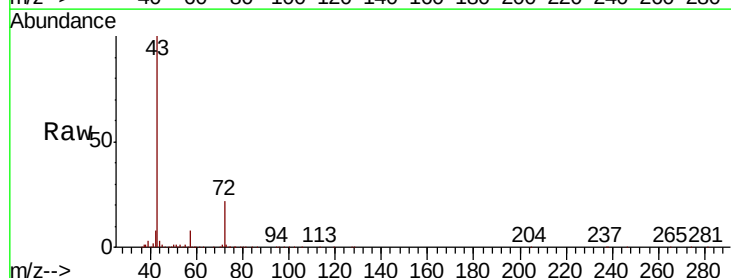
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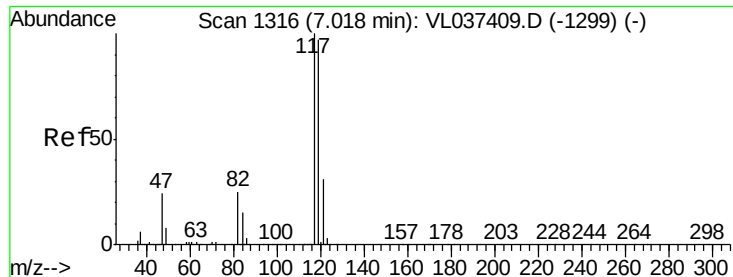
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#34
 2-Butanone
 Concen: 8.498 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.5	17.7	26.5





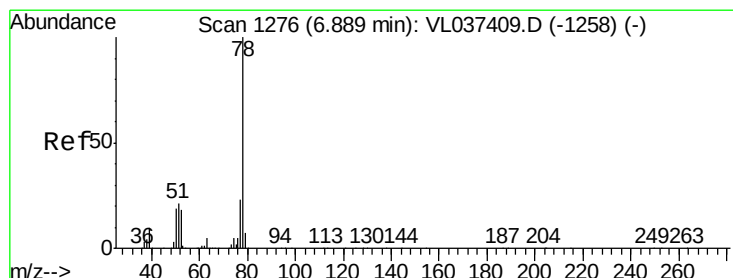
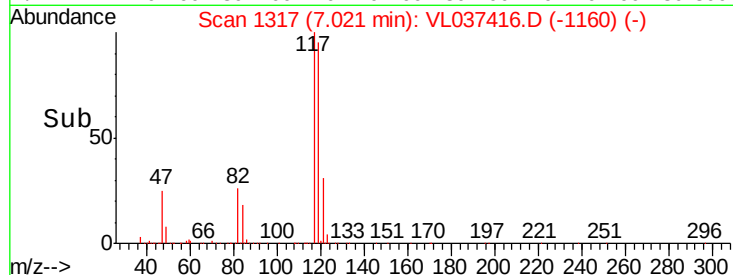
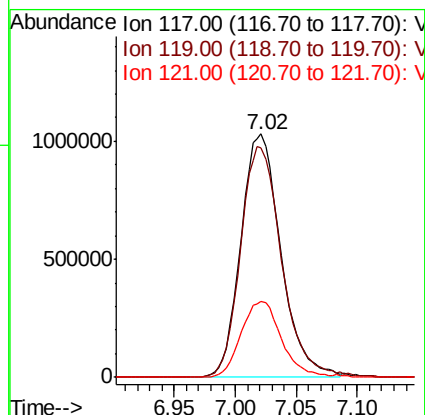
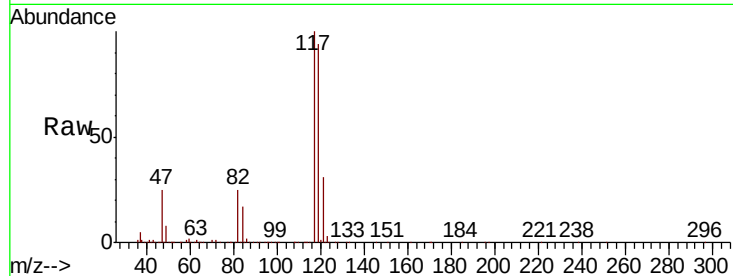
#35
Carbon Tetrachloride
Concen: 9.139 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.5	116.3
121	30.9	24.7	37.1

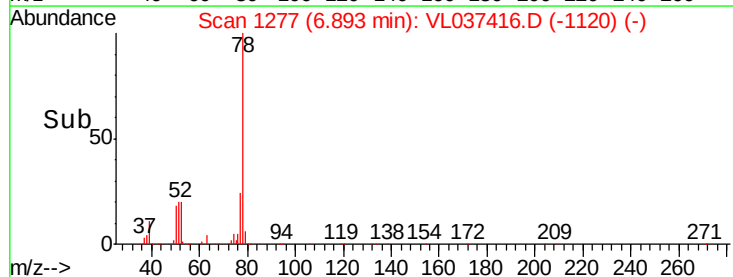
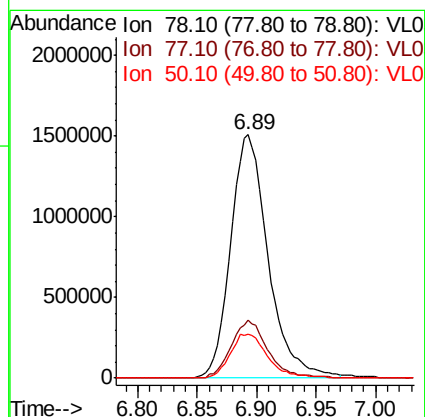
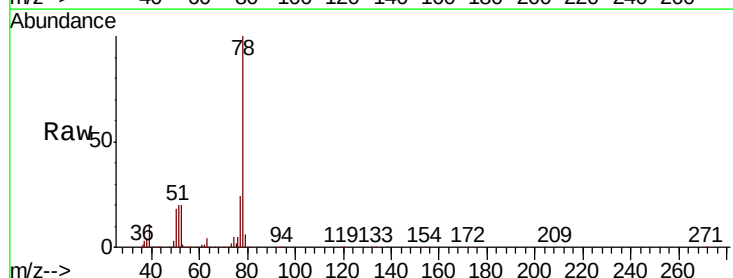
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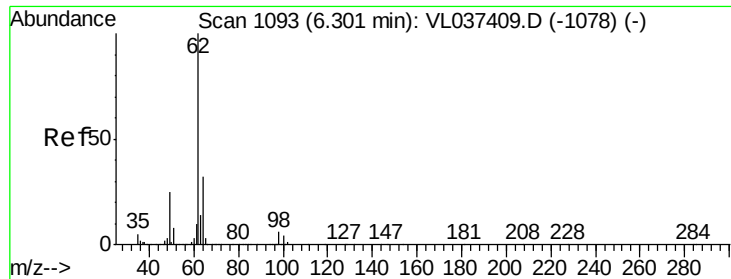
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#36
Benzene
Concen: 9.403 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8
50	17.8	14.9	22.3





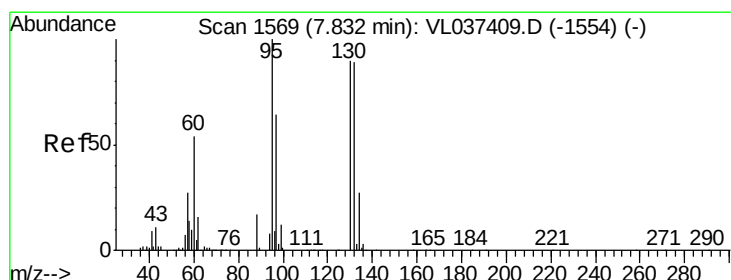
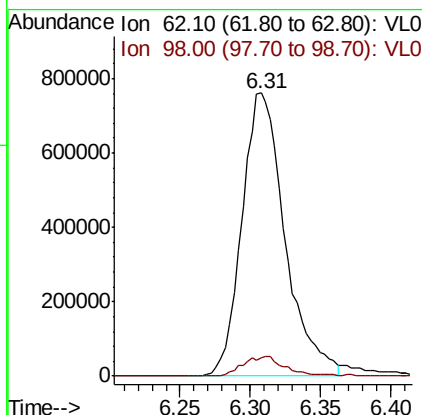
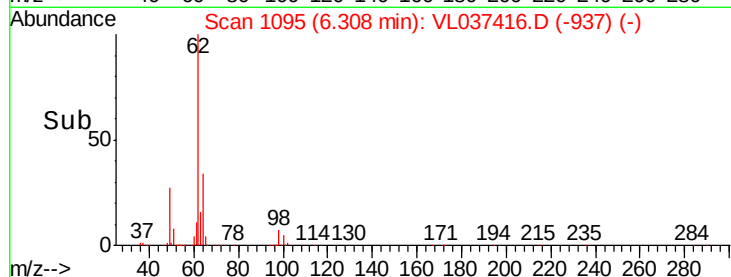
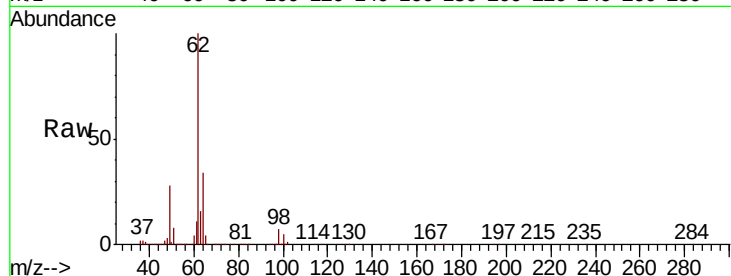
#37
 1,2-Dichloroethane
 Concen: 9.127 ppbv
 RT: 6.31 min Scan# 1095
 Delta R.T. 0.01 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.2	5.4	8.2

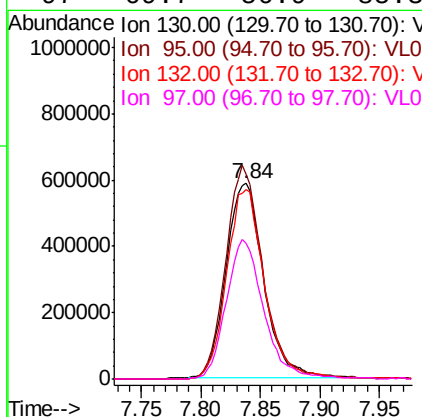
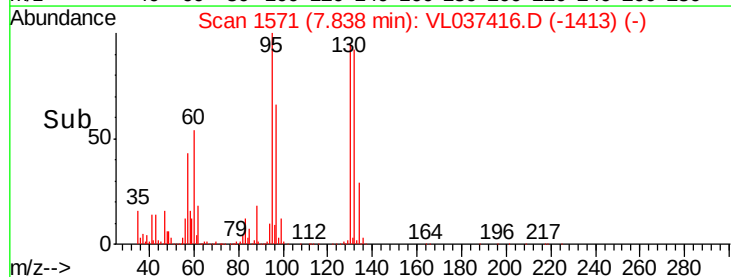
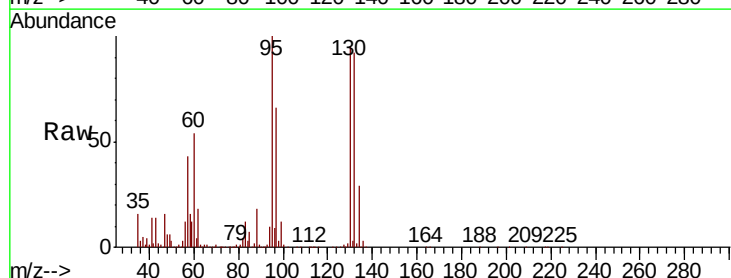
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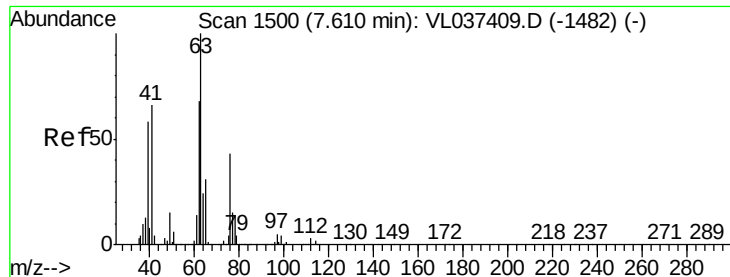
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#38
 Trichloroethene
 Concen: 8.327 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	88.6	132.8
132	97.3	79.2	118.8
97	69.7	56.9	85.3





#39

1,2-Dichloropropane

Concen: 9.494 ppbv

RT: 7.62 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

MSVOA_L

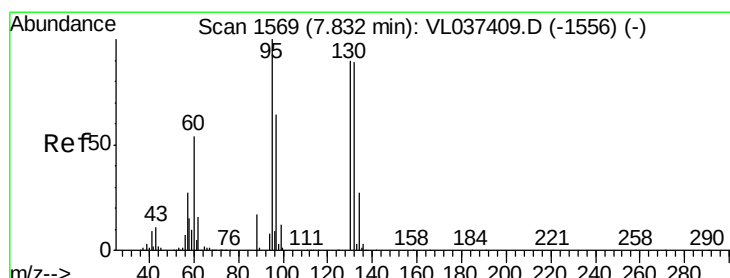
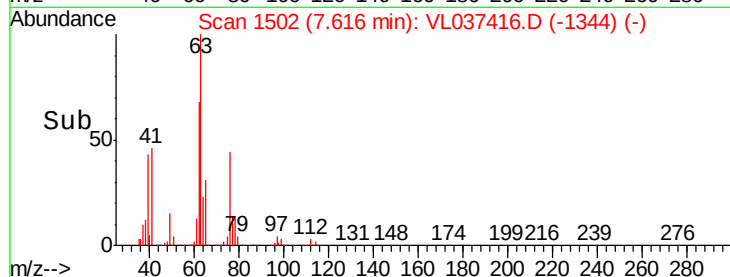
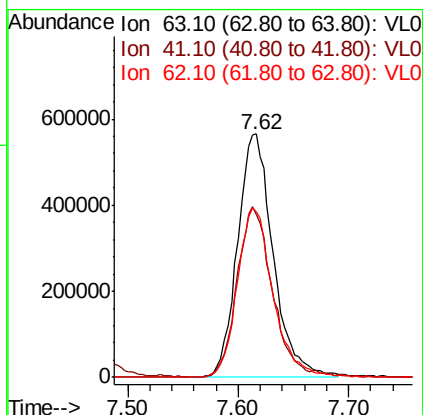
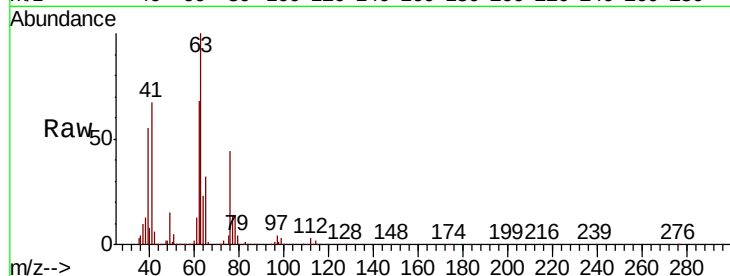
ClientSampleId :

ICVVL081221

Tot Ion:	63	Resp:	1265192
Ion	Ratio	Lower	Upper
63	100		
41	66.9	53.0	79.6
62	68.1	54.5	81.7

Manual Integrations
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#40

1,4-Dioxane

Concen: 8.755 ppbv

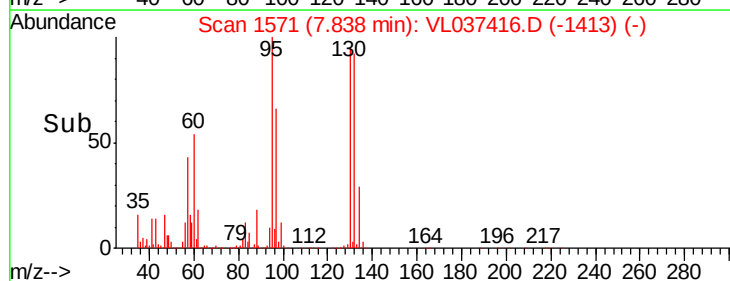
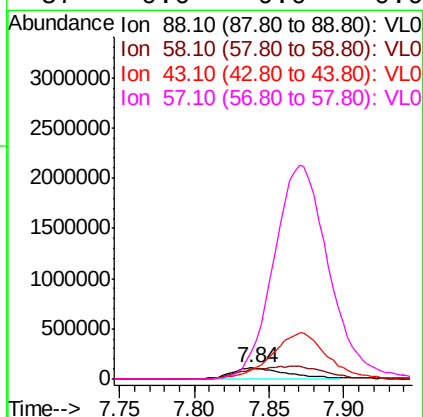
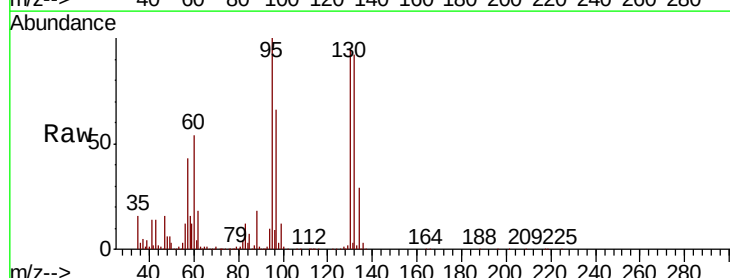
RT: 7.84 min Scan# 1571

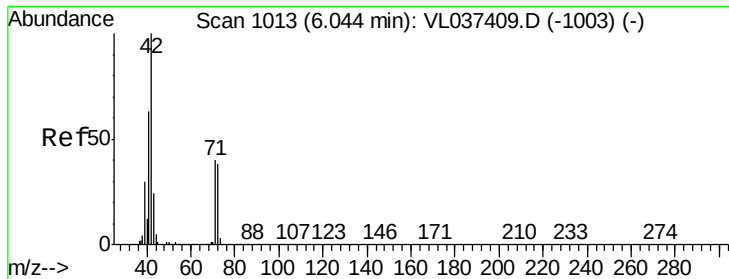
Delta R.T. 0.01 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Tgt Ion:	88	Resp:	283902
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





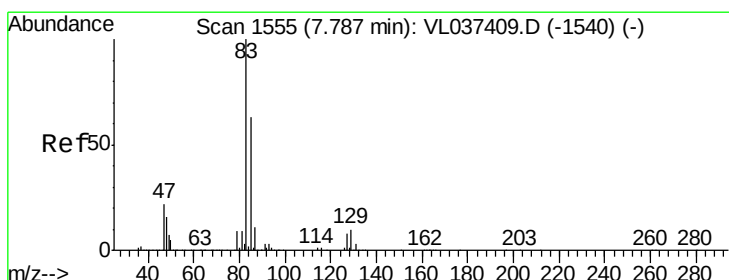
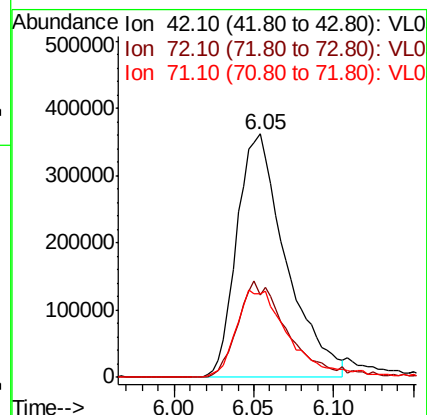
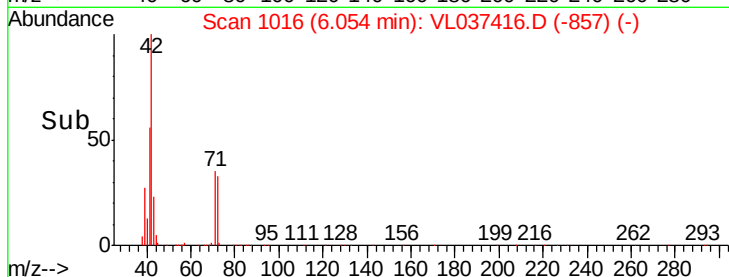
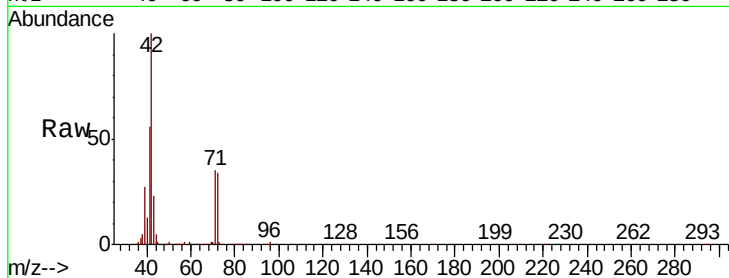
#41
Tetrahydrofuran
Concen: 9.643 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.5	50.3
71	40.0	32.6	48.8

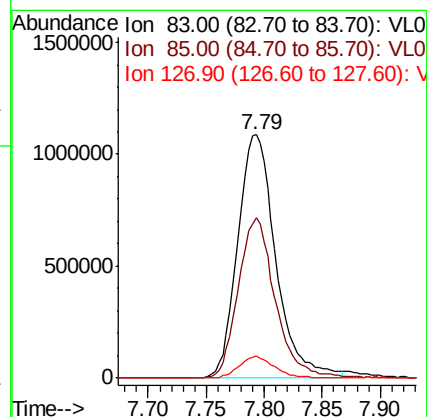
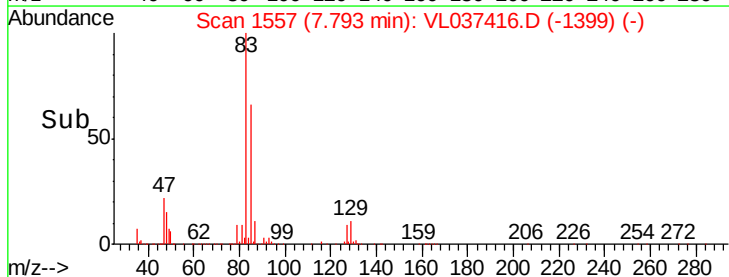
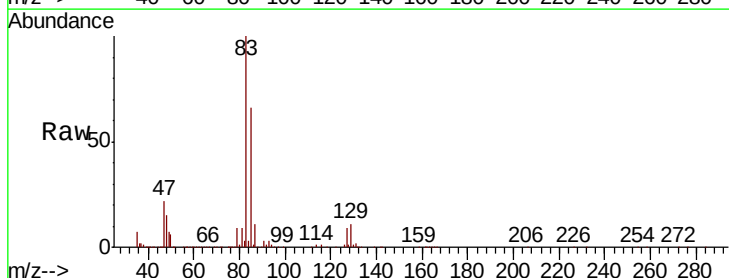
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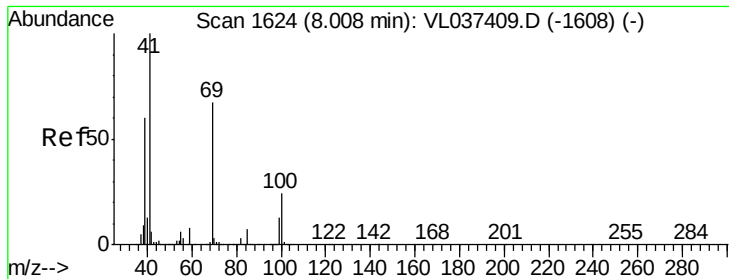
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#42
Bromodichloromethane
Concen: 9.919 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.2	75.2
127	8.8	6.6	9.8





#43

Methyl Methacrylate

Concen: 10.015 ppbv

RT: 8.01 min Scan# 1626

Delta R.T. 0.01 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

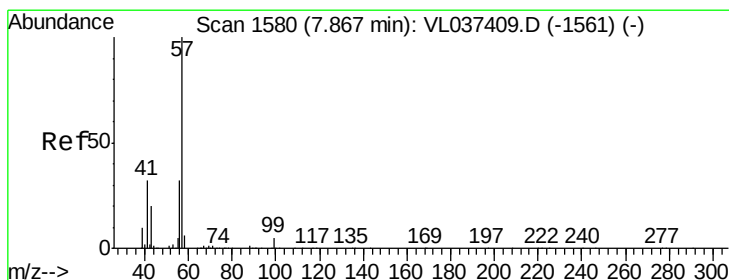
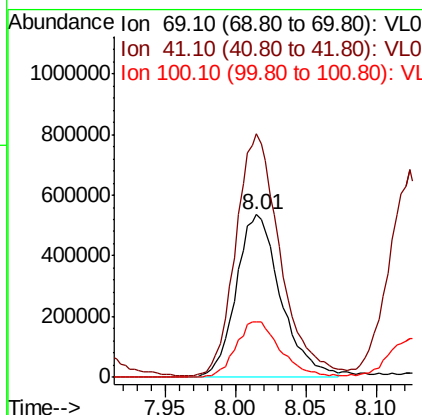
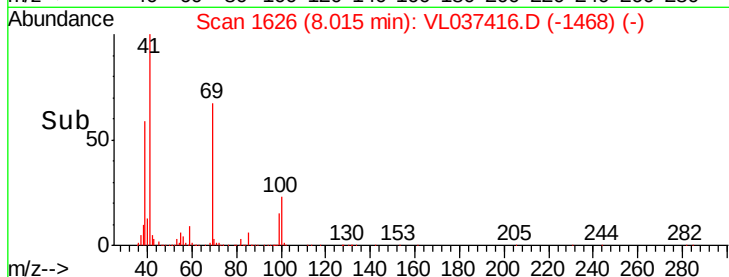
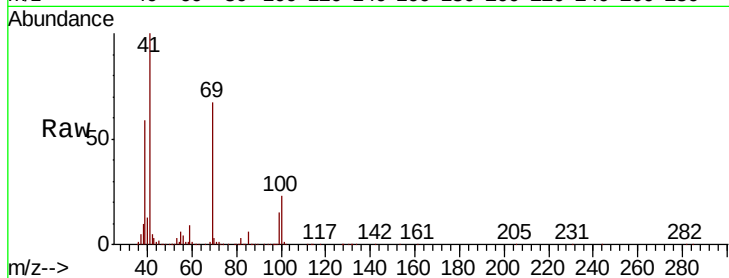
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion: 69 Resp: 1187329

Ion	Ratio	Lower	Upper
69	100		
41	148.2	118.1	177.1
100	34.4	27.6	41.4

Manual Integrations
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#44

2,2,4-Trimethylpentane

Concen: 9.354 ppbv

RT: 7.87 min Scan# 1581

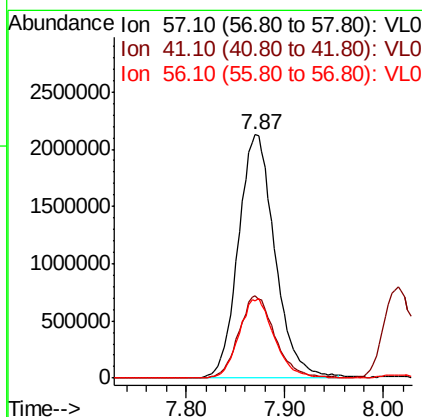
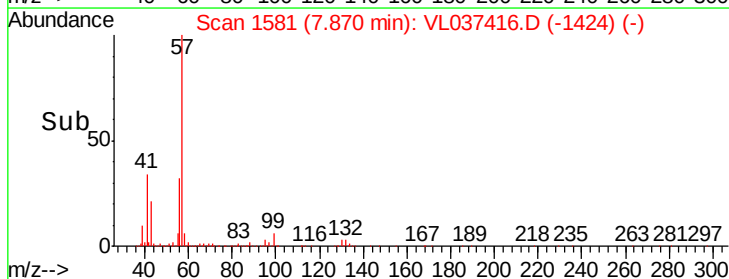
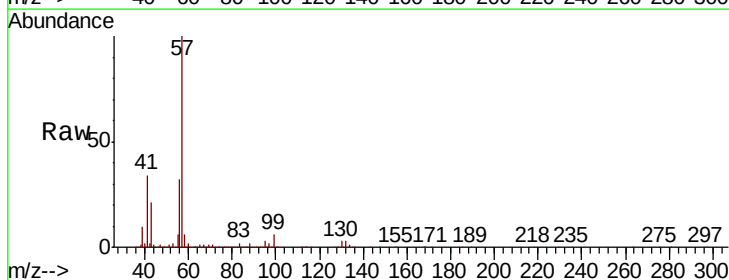
Delta R.T. 0.00 min

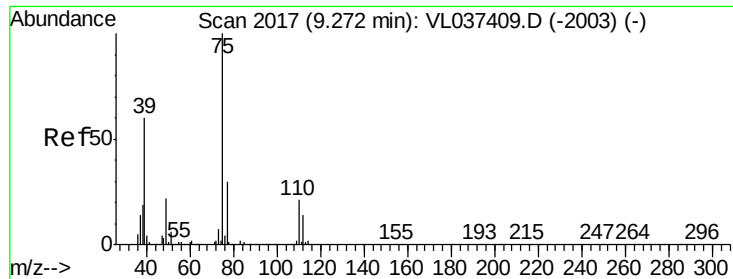
Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Tgt Ion: 57 Resp: 5470834

Ion	Ratio	Lower	Upper
57	100		
41	33.4	26.4	39.6
56	31.7	25.0	37.4





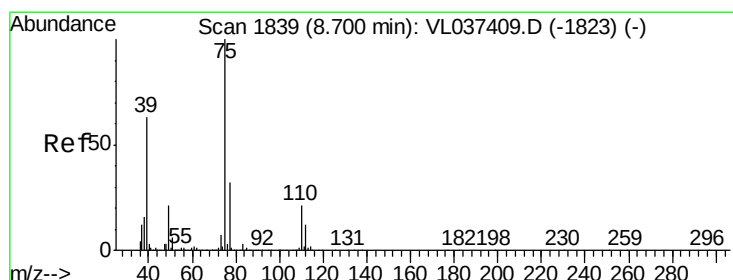
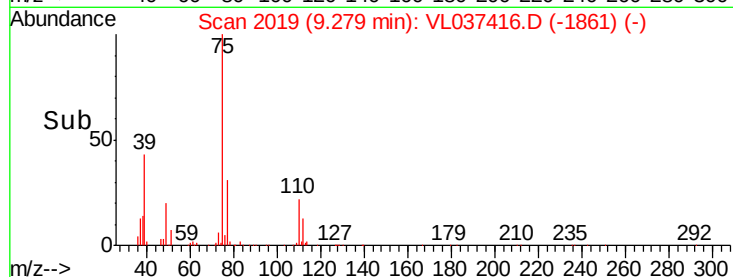
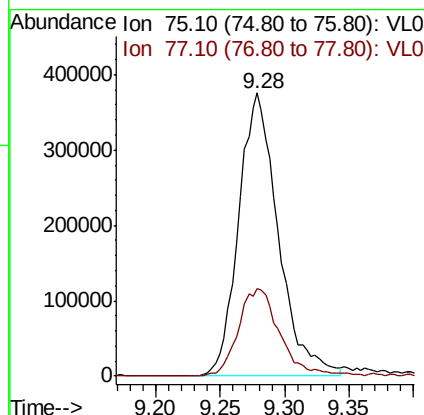
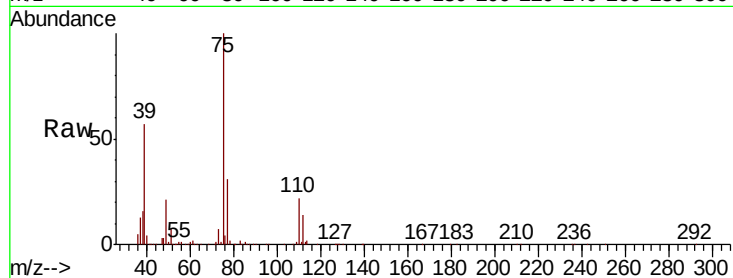
#45
t-1,3-Dichloropropene
Concen: 9.126 ppbv
RT: 9.28 min Scan# 2019
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion: 75 Resp: 804032
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.2

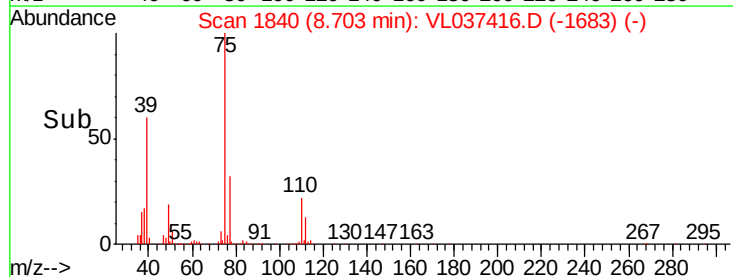
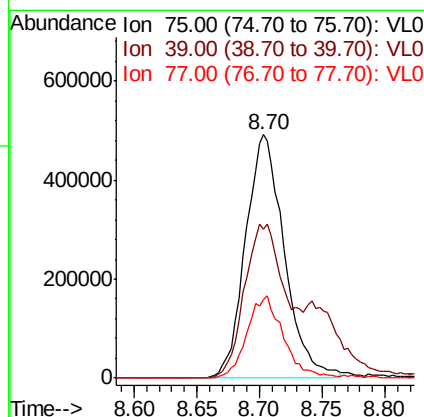
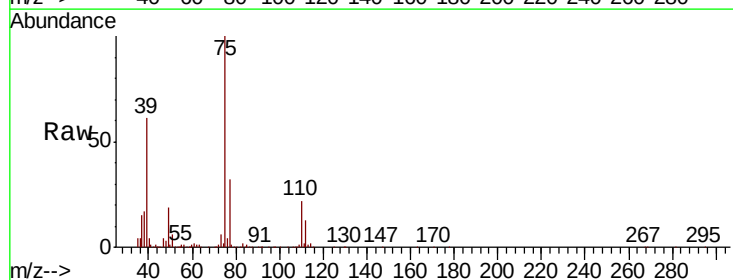
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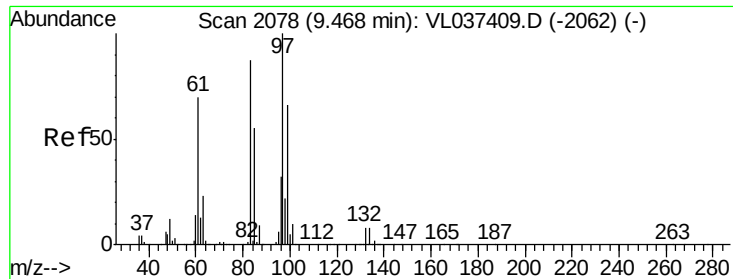
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#46
cis-1,3-Dichloropropene
Concen: 8.599 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion: 75 Resp: 1057617
Ion Ratio Lower Upper
75 100
39 61.1 50.1 75.1
77 32.2 25.8 38.8





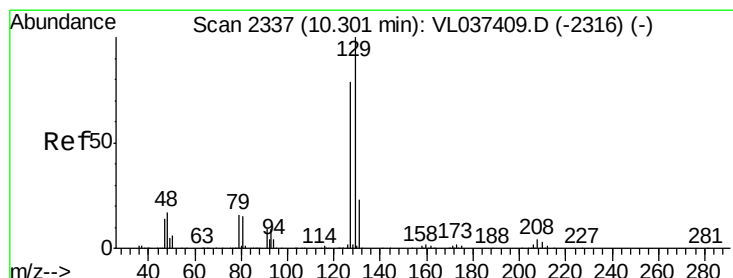
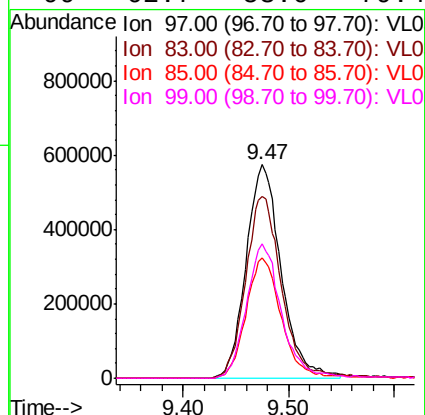
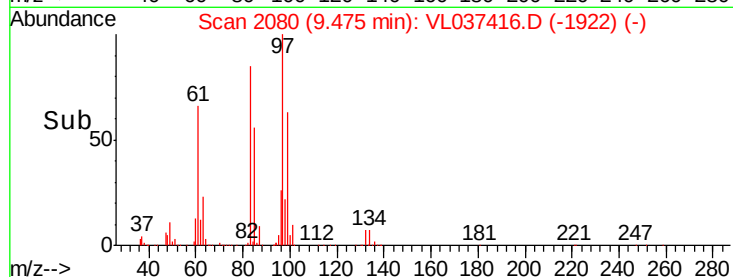
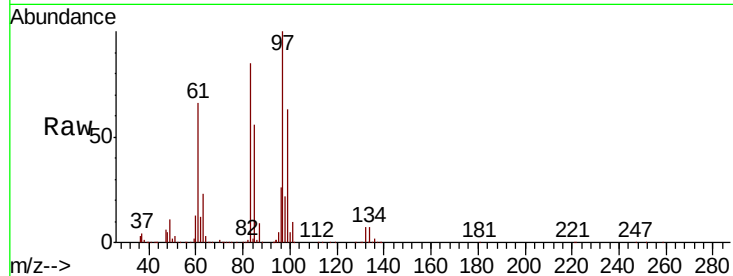
#47
 1,1,2-Trichloroethane
 Concen: 9.202 ppbv
 RT: 9.47 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.5	104.3
85	56.1	43.8	65.8
99	62.7	53.0	79.4

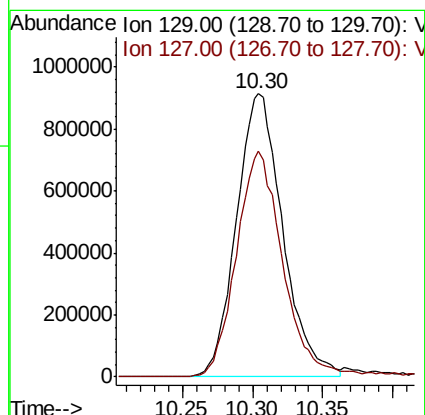
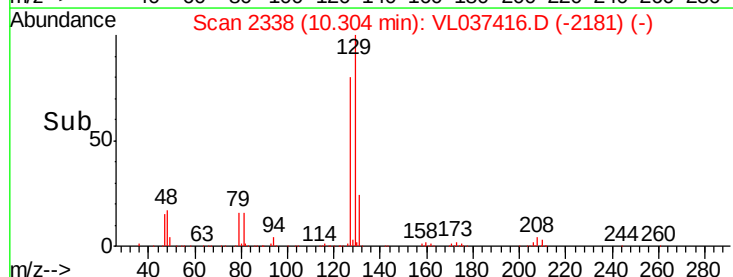
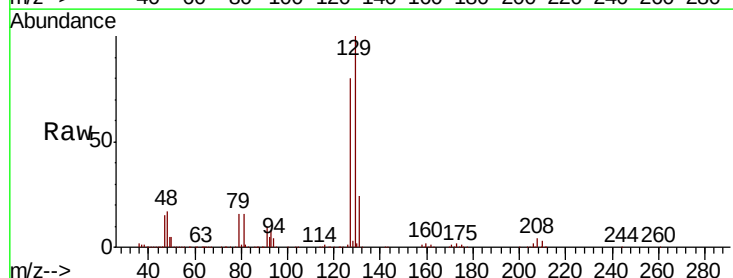
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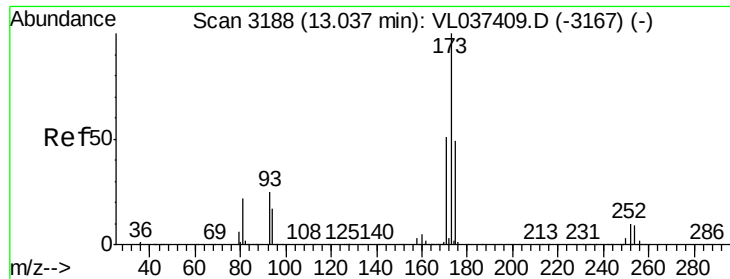
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#48
 Dibromochloromethane
 Concen: 10.070 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	82.1	39.6	118.8





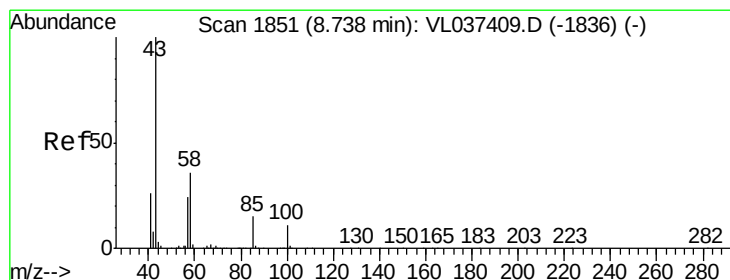
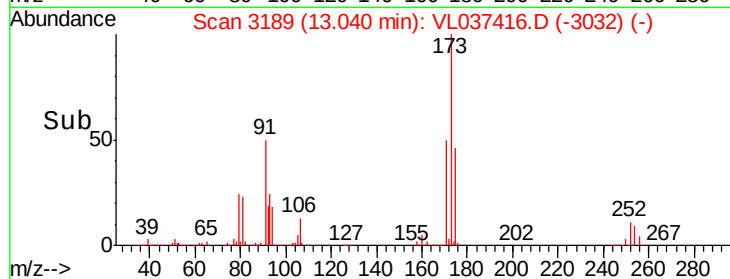
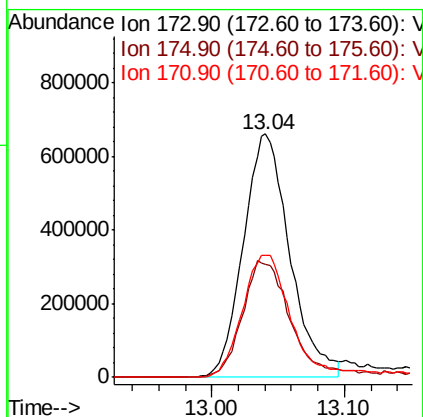
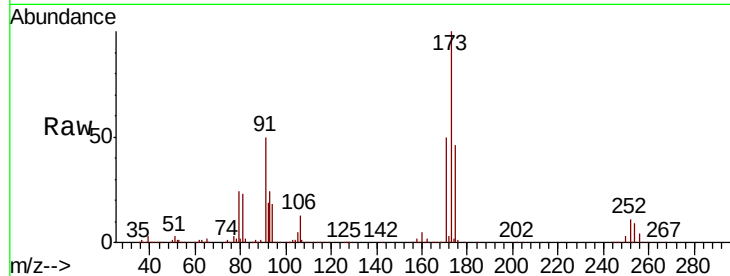
#49
Bromoform
Concen: 10.223 ppbv
RT: 13.04 min Scan# 3189
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion:173 Resp: 1610000
Ion Ratio Lower Upper
173 100
175 49.9 39.9 59.9
171 55.4 41.4 62.2

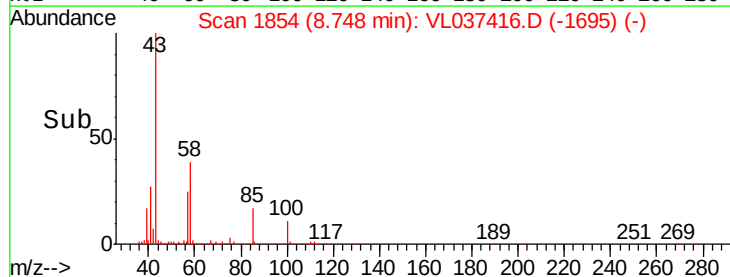
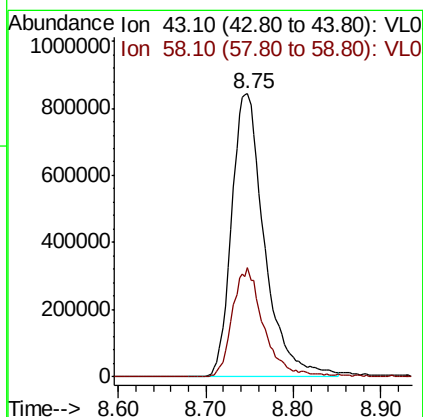
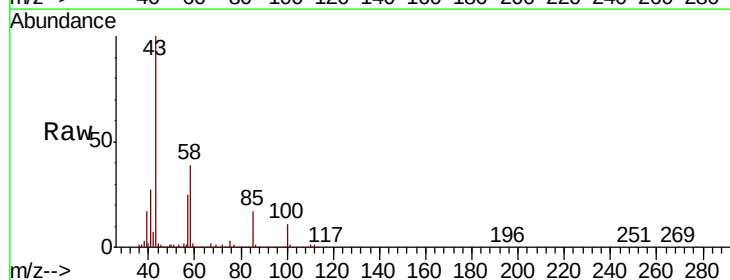
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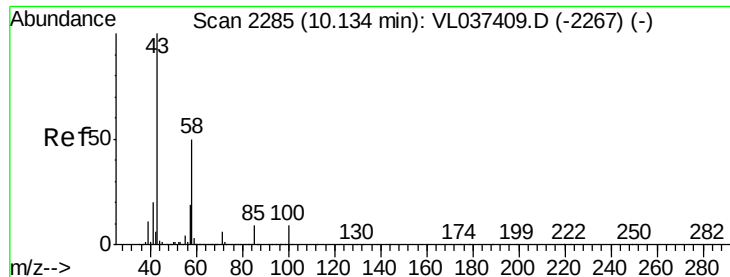
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#50
4-Methyl-2-Pentanone
Concen: 10.163 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion: 43 Resp: 2189936
Ion Ratio Lower Upper
43 100
58 37.3 29.9 44.9





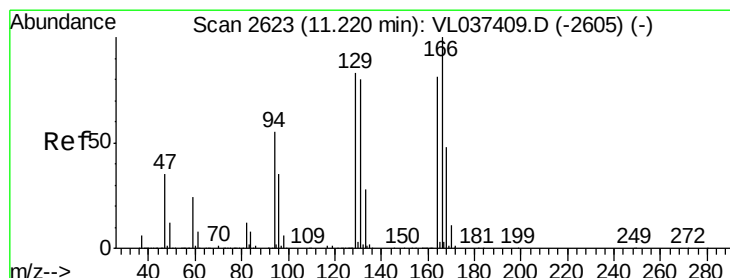
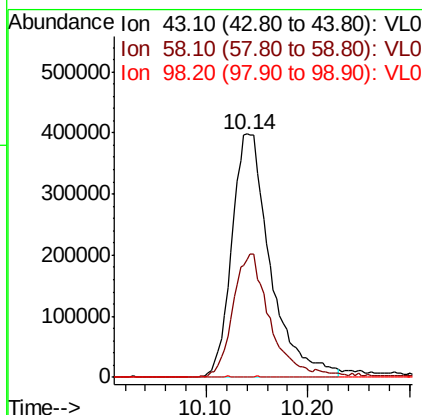
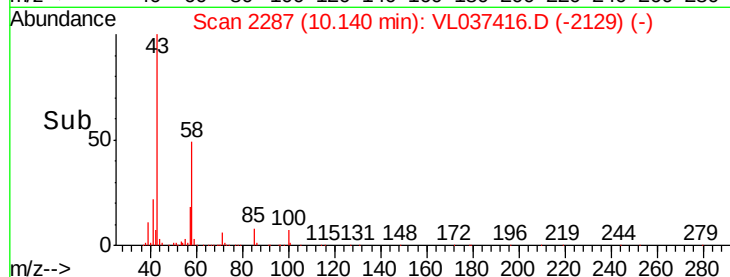
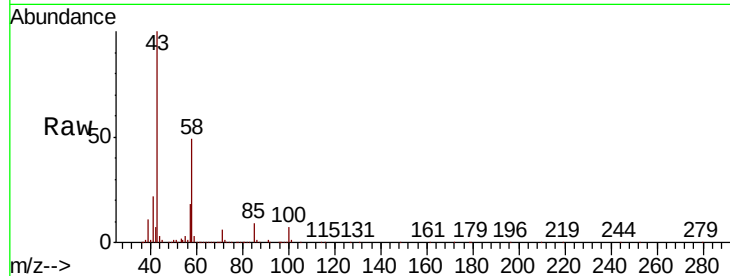
#51
2-Hexanone
Concen: 10.373 ppbv m
RT: 10.14 min Scan# 2287
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampled :
ICVVL081221

Tot Ion: 43 Resp: 1051540
Ion Ratio Lower Upper
43 100
58 50.4 39.9 59.9
98 0.5 0.2 0.2#

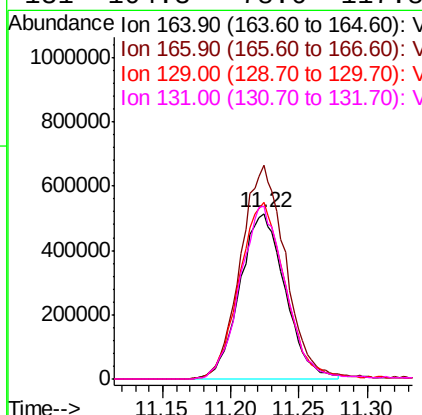
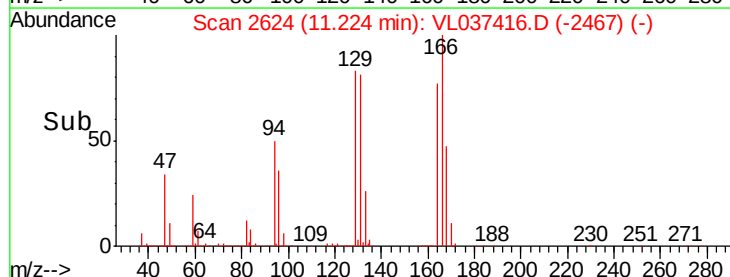
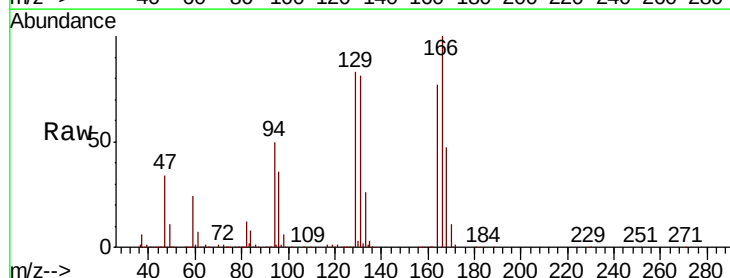
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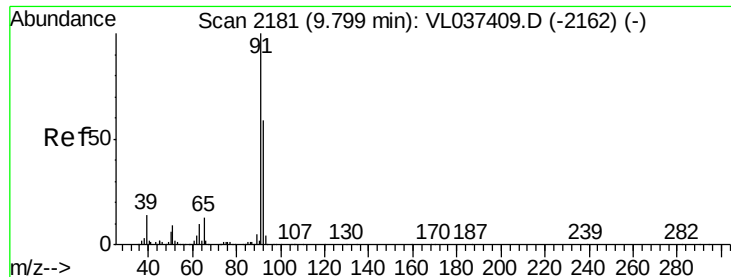
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#52
Tetrachloroethene
Concen: 8.012 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion: 164 Resp: 1180769
Ion Ratio Lower Upper
164 100
166 129.2 98.6 147.8
129 106.9 82.0 123.0
131 104.3 78.6 117.8





#53

Toluene

Concen: 9.469 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. 0.01 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081221

Tot Ion: 91 Resp: 3781816

Ion Ratio Lower Upper

91 100

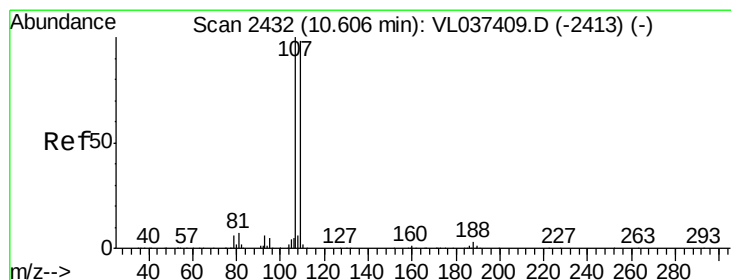
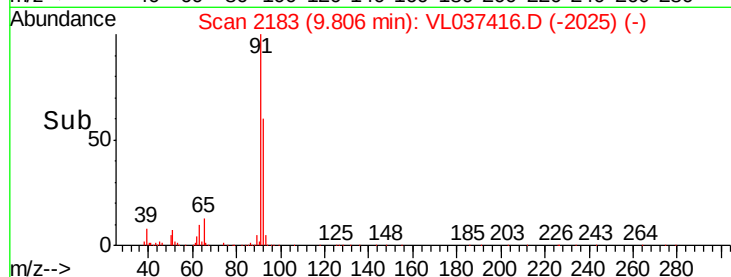
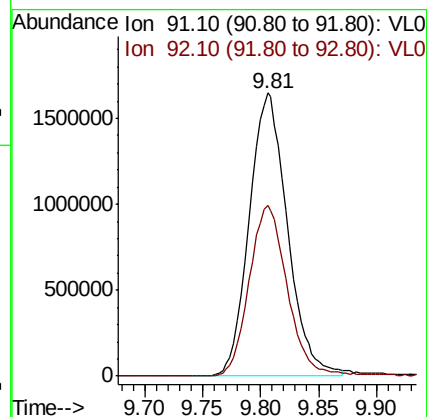
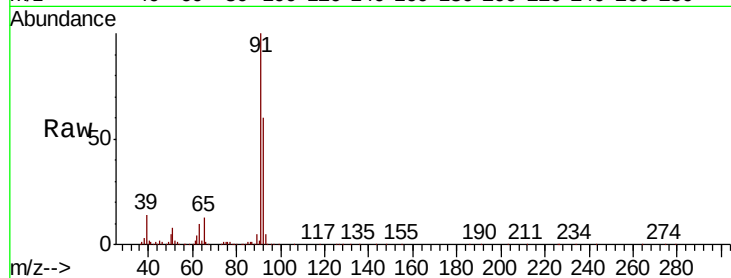
92 60.7 49.0 73.6

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#54

1,2-Dibromoethane

Concen: 9.240 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL037416.D

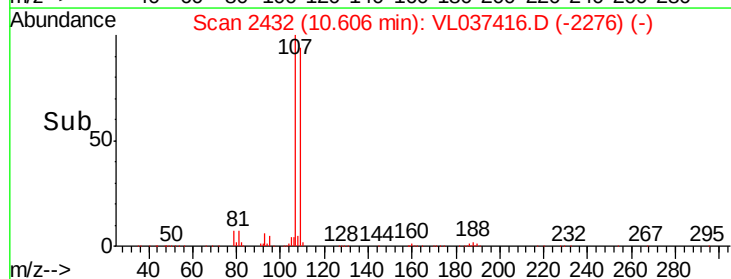
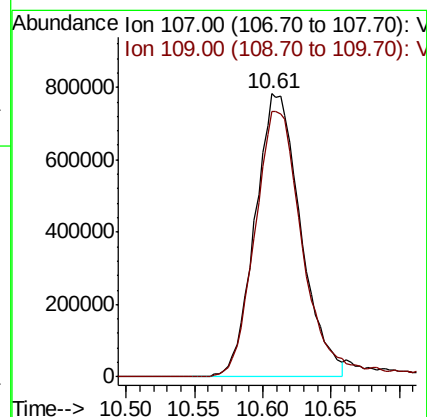
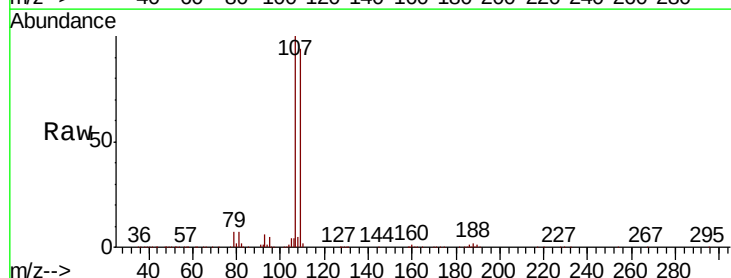
Acq: 12 Aug 2021 15:43

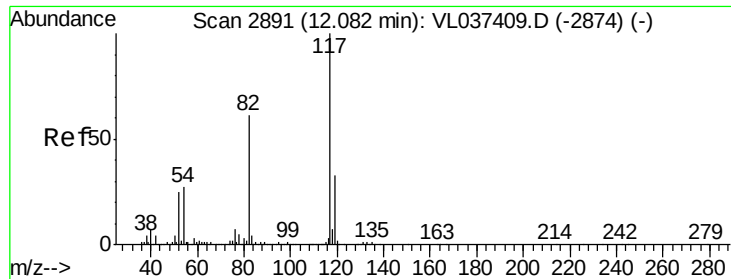
Tgt Ion: 107 Resp: 1811503

Ion Ratio Lower Upper

107 100

109 93.6 78.4 117.6





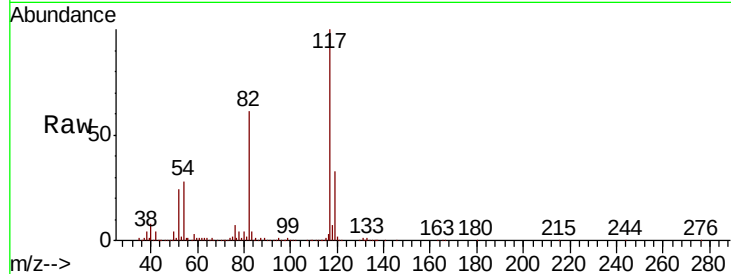
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

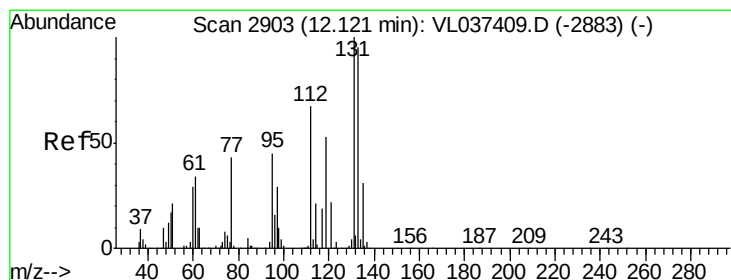
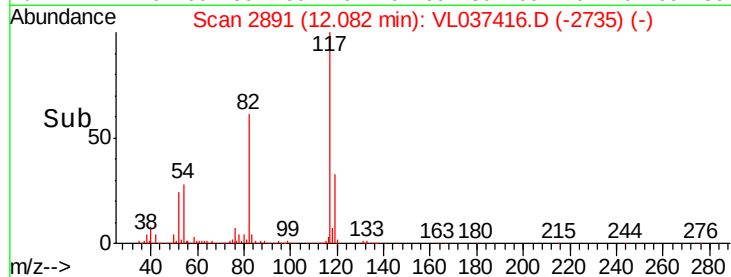
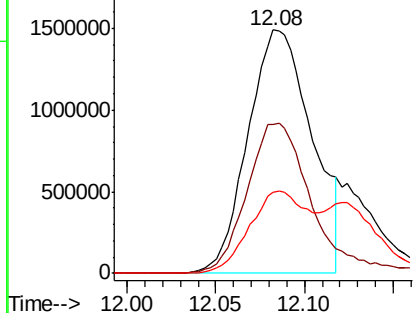
Tot Ion	Ratio	Lower	Upper
117	100		
82	64.7	53.1	79.7
119	31.7	28.0	42.0

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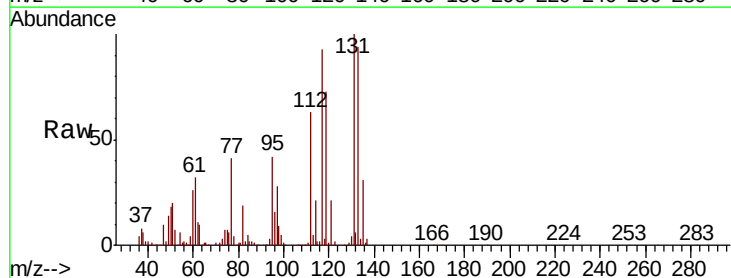


Abundance Ion 117.10 (116.80 to 117.80): V
2000000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

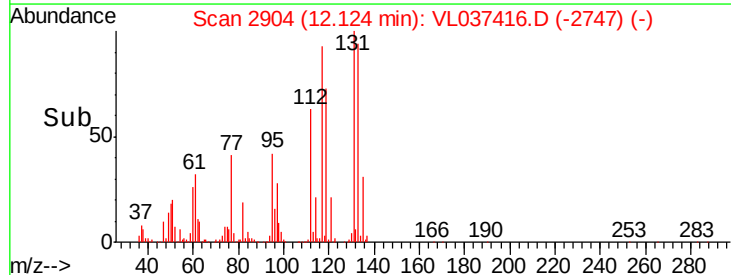
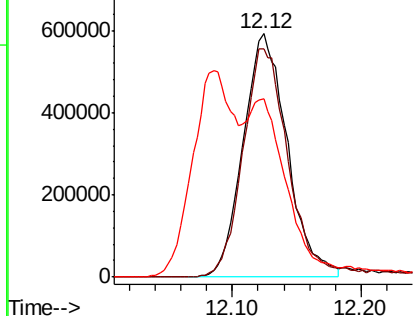


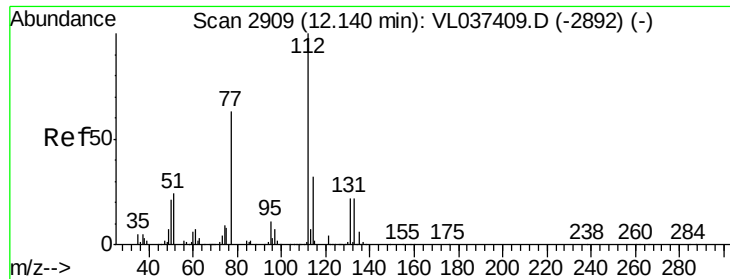
#56
1,1,1,2-Tetrachloroethane
Concen: 9.477 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	101.4	77.1	115.7
119	154.9	59.7	89.5#



Abundance Ion 131.00 (130.70 to 131.70): V
800000 Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





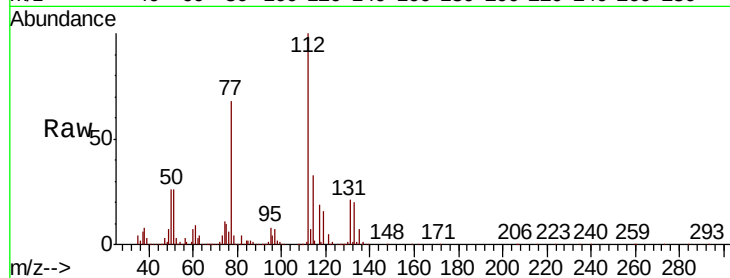
#57
Chlorobenzene
Concen: 8.847 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

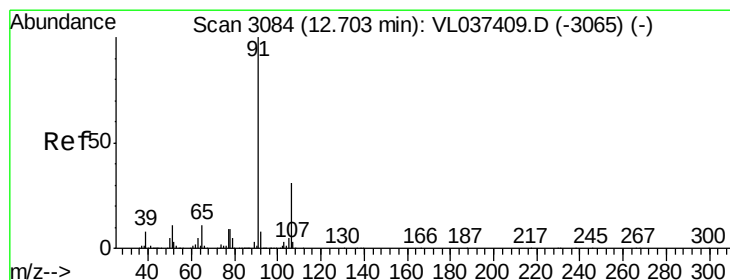
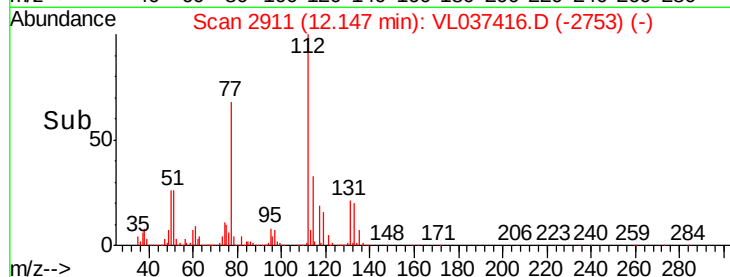
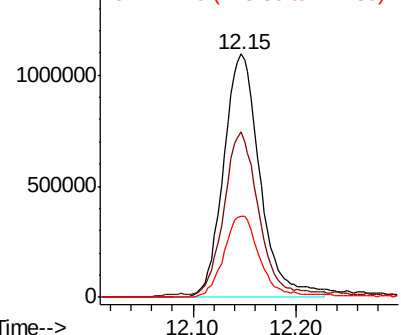
Tot Ion	Ratio	Lower	Upper
112	100		
77	66.5	50.0	75.0
114	32.9	28.5	34.9

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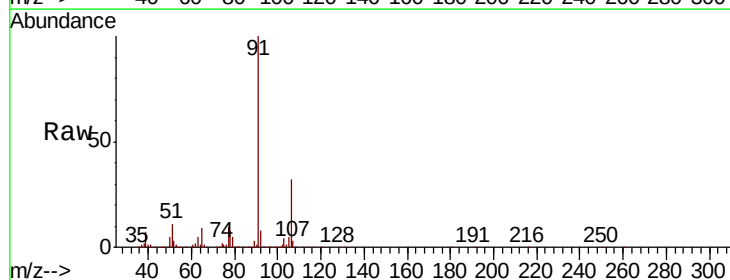


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

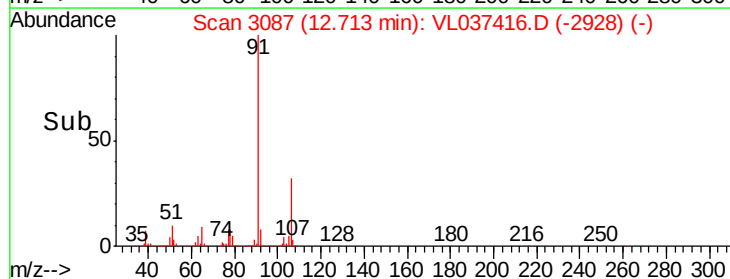
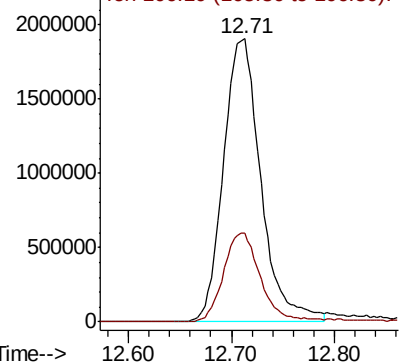


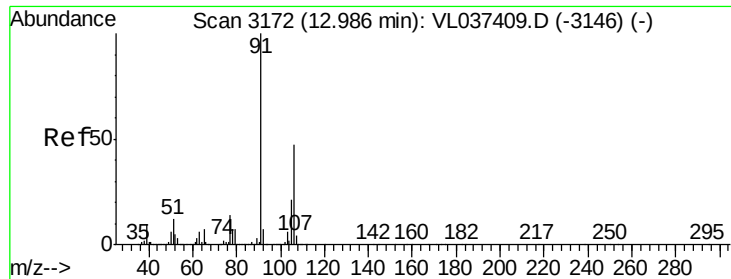
#58
Ethyl Benzene
Concen: 9.475 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.7	37.1



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





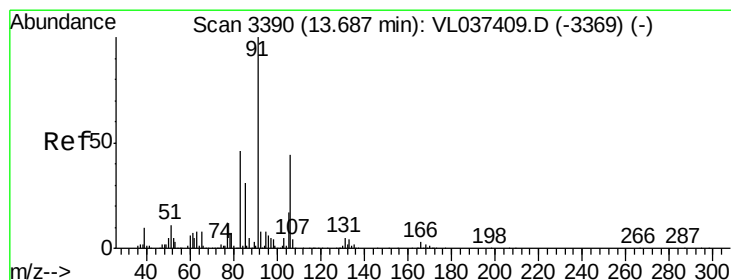
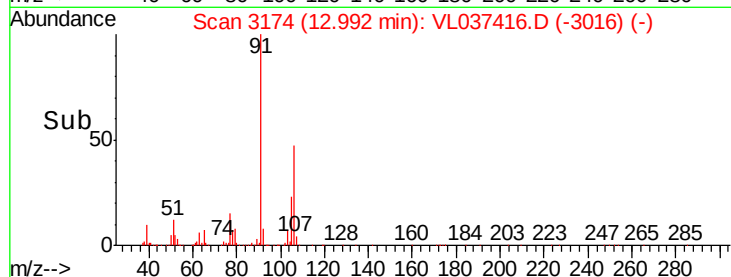
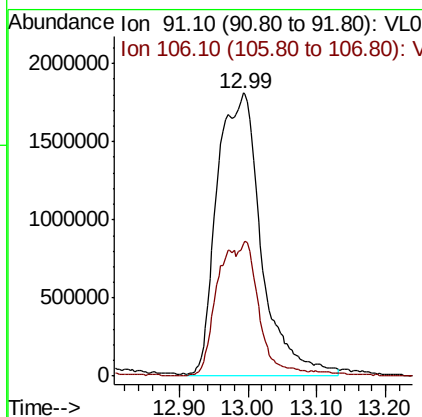
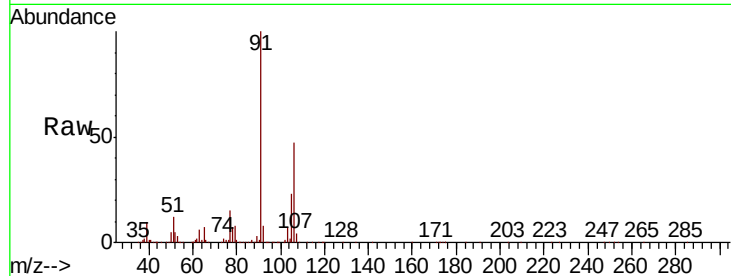
#59
m/p-Xylene
Concen: 18.265 ppbv m
RT: 12.99 min Scan# 3174
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion: 91 Resp: 8147264
Ion Ratio Lower Upper
91 100
106 45.3 36.6 54.8

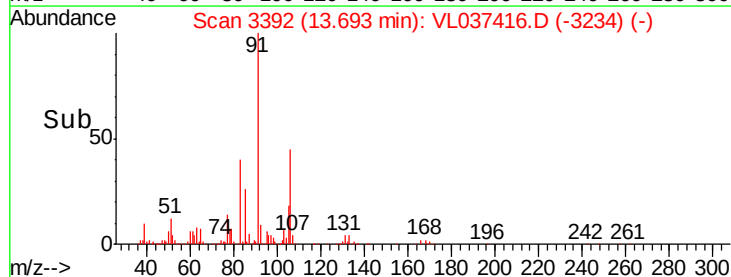
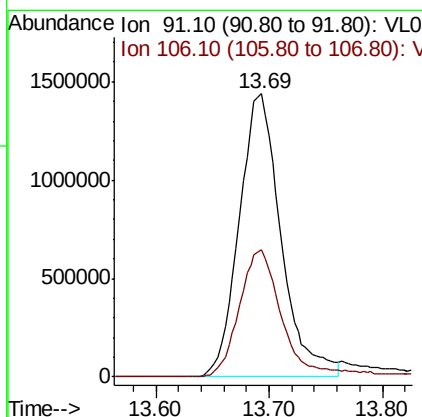
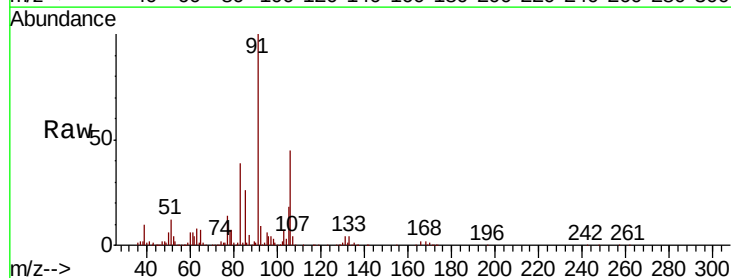
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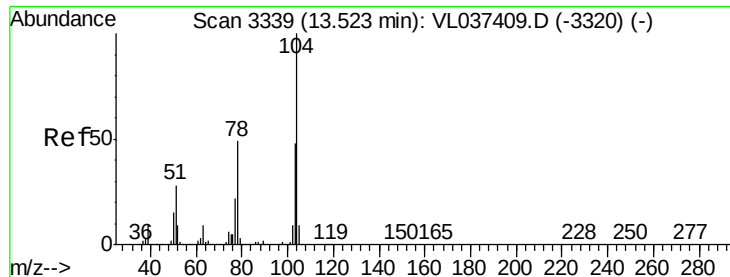
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#60
o-Xylene
Concen: 8.911 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion: 91 Resp: 3692342
Ion Ratio Lower Upper
91 100
106 47.4 24.1 72.2





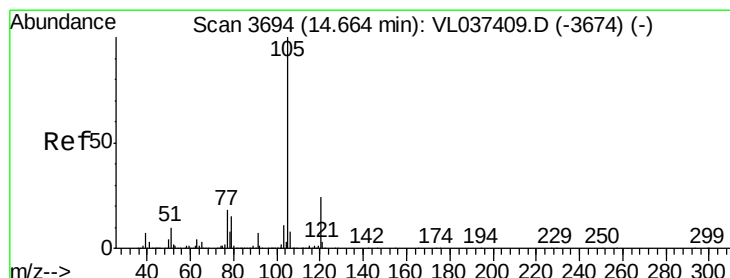
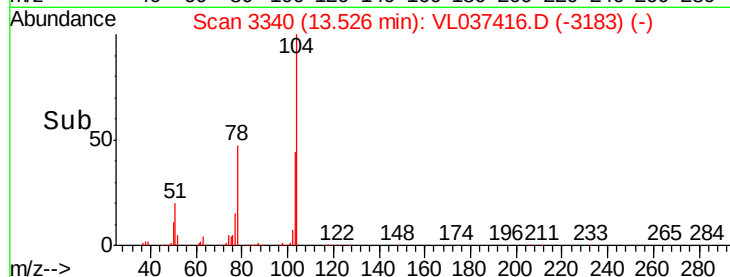
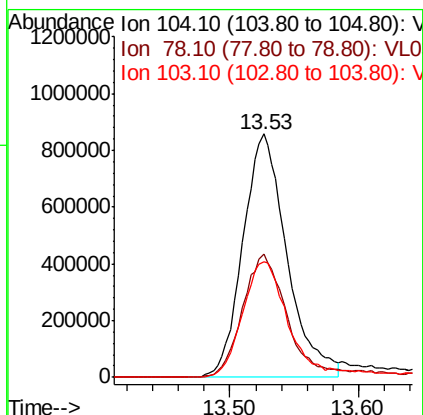
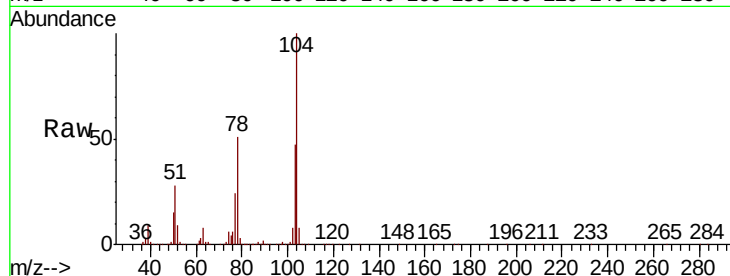
#61
Stvrene
Concen: 9.745 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081221

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.1	41.5	62.3
103	51.0	40.2	60.2

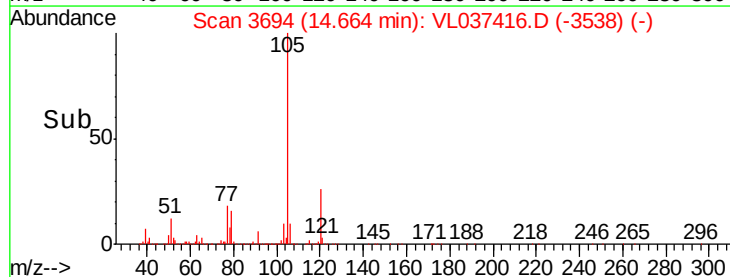
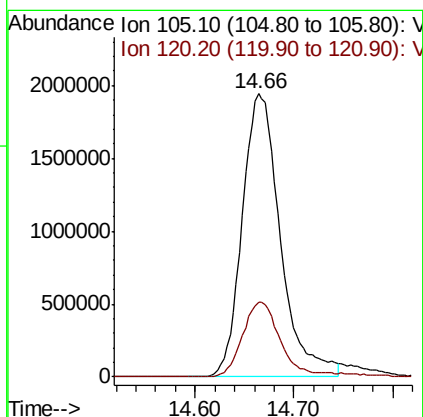
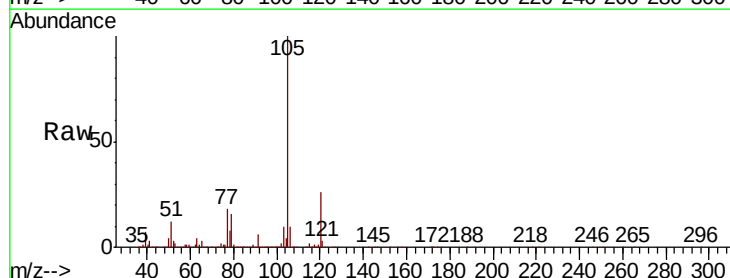
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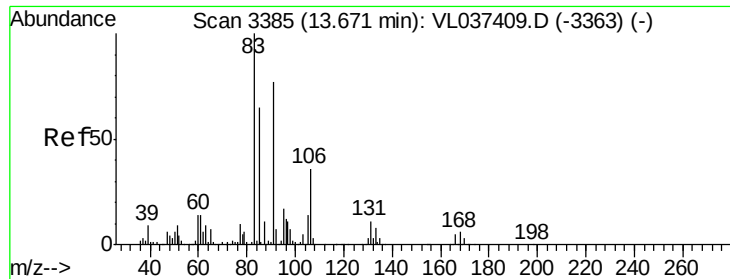
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#62
Isopropylbenzene
Concen: 8.786 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VL037416.D
Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.6	32.4





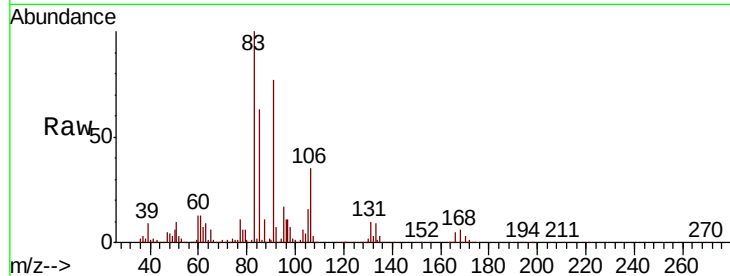
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.381 ppbv
 RT: 13.67 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

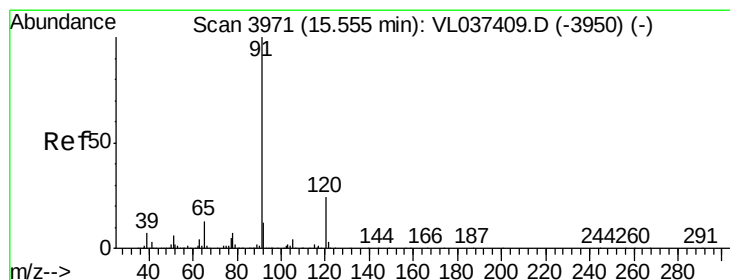
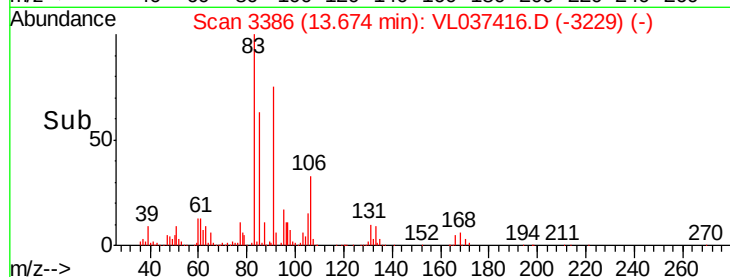
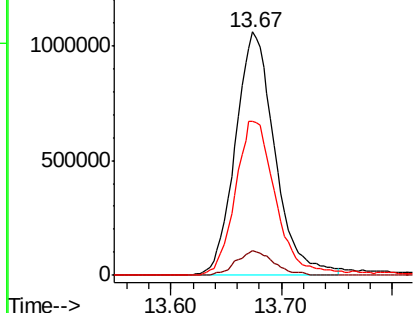
Tot Ion	83	Resp	2619233
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.4
85	66.8	33.4	100.2

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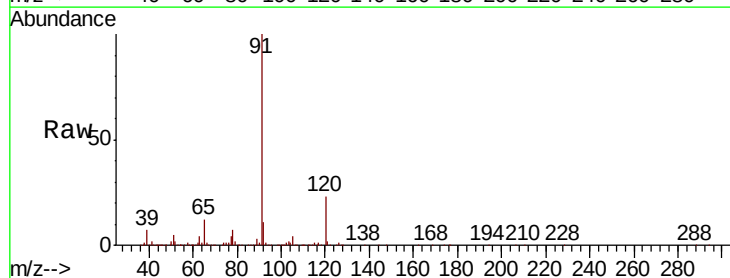


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

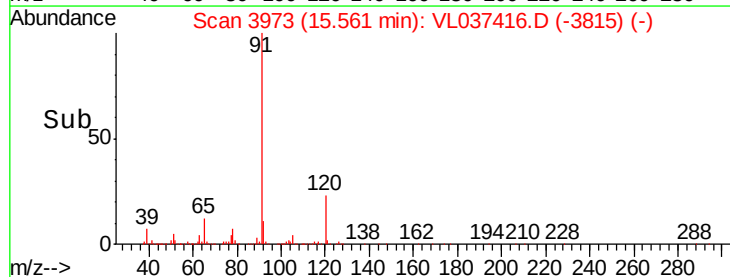
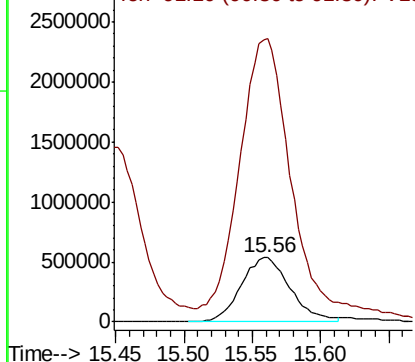


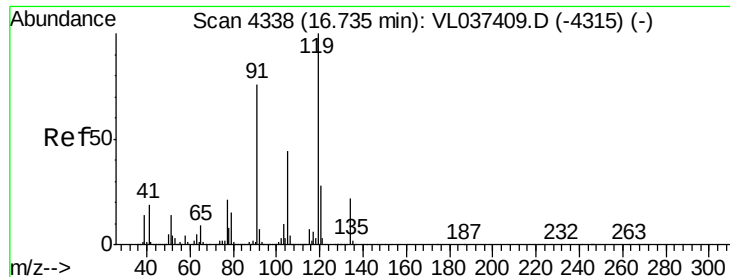
#64
 n-propylbenzene
 Concen: 8.950 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.01 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion	120	Resp	1334570
Ion Ratio	Lower	Upper	
120	100		
91	485.8	388.4	582.6



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





#65

tert-Butylbenzene

Concen: 8.642 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. 0.01 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081221

Tot Ion:119 Resp: 4618261

Ion Ratio Lower Upper

119 100

91 78.3 62.2 93.4

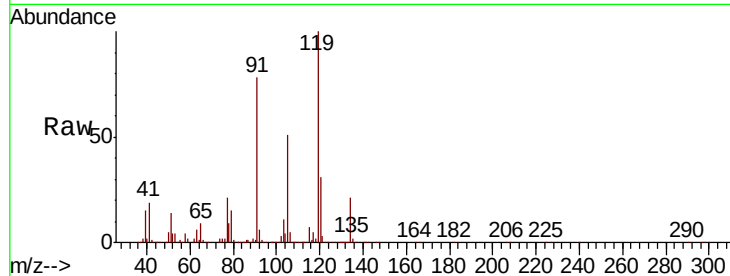
134 20.4 16.1 24.1

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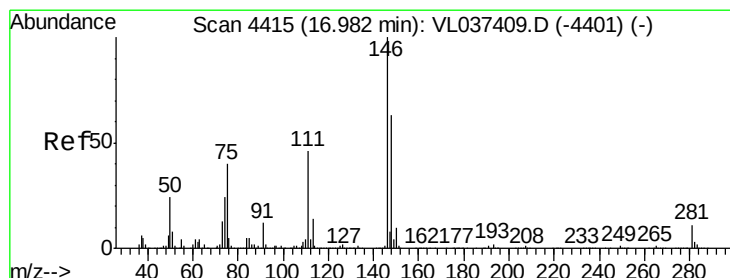
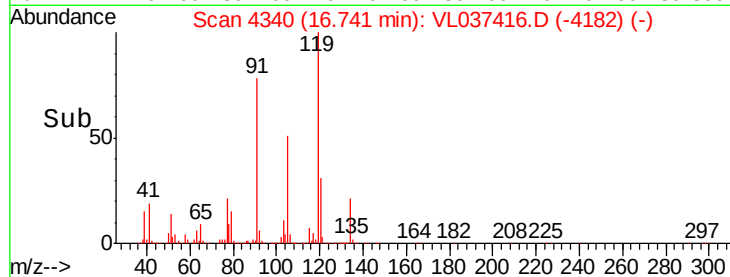
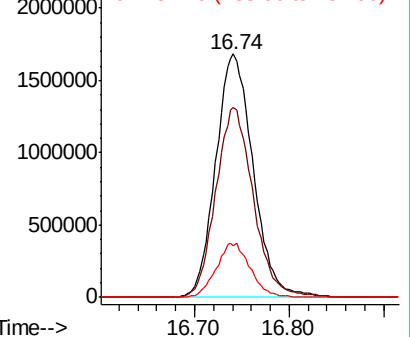
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.604 ppbv

RT: 16.99 min Scan# 4416

Delta R.T. 0.00 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

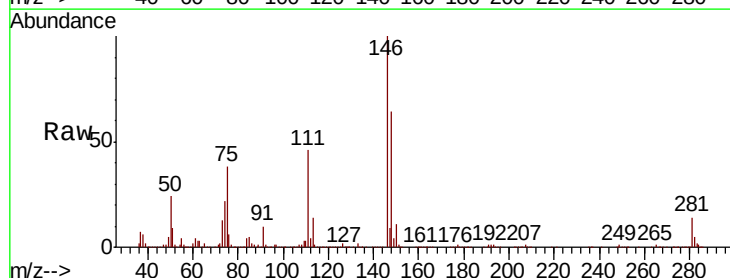
Tgt Ion: 91 Resp: 210380

Ion Ratio Lower Upper

91 100

126 18.4 14.3 21.5

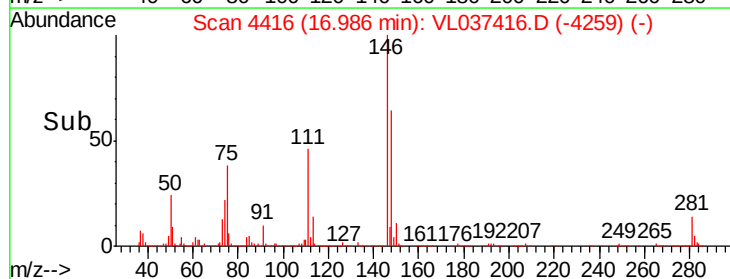
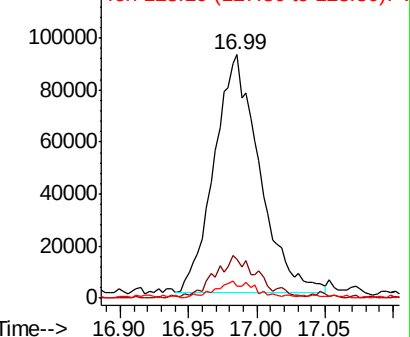
128 7.4 4.6 7.0#

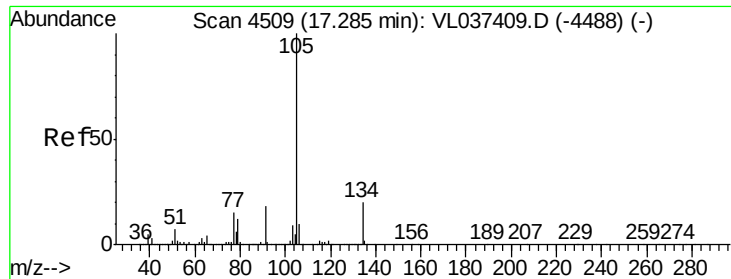


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 8.841 ppbv

RT: 17.29 min Scan# 4510

Delta R.T. 0.00 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081221

Tot Ion: 105 Resp: 6428628

Ion Ratio Lower Upper

105 100

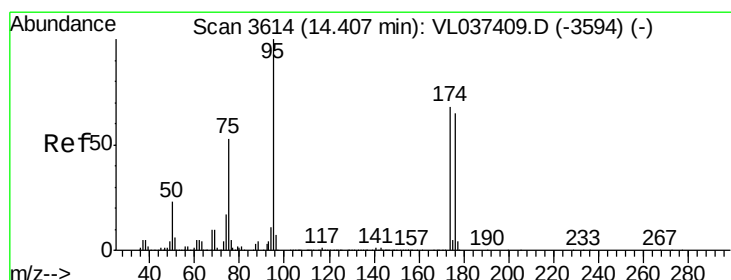
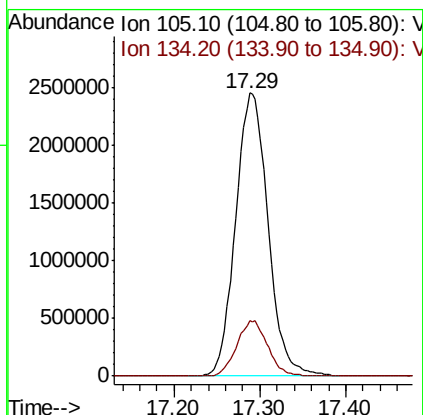
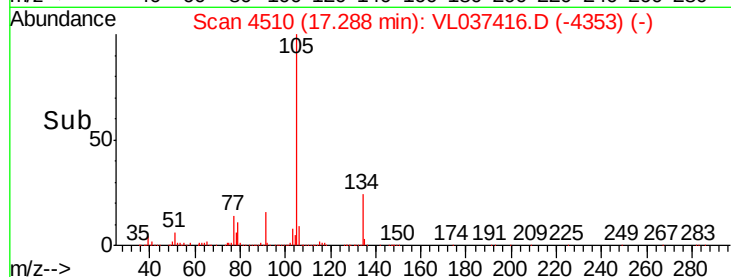
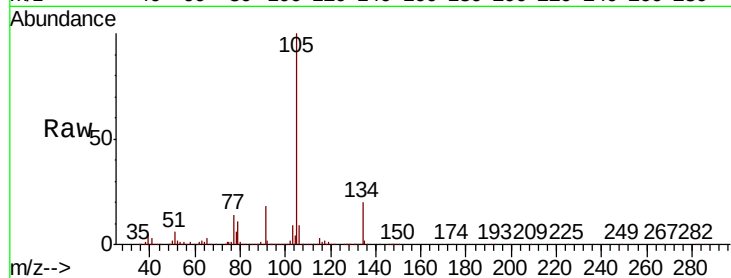
134 18.9 15.4 23.0

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.986 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.01 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

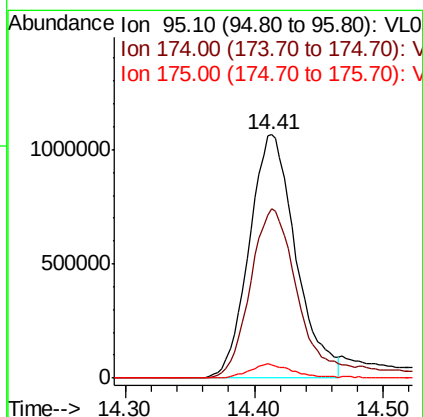
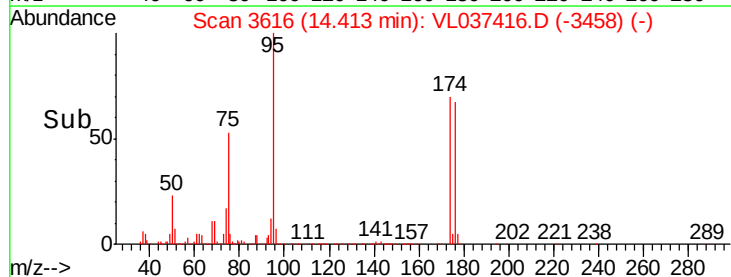
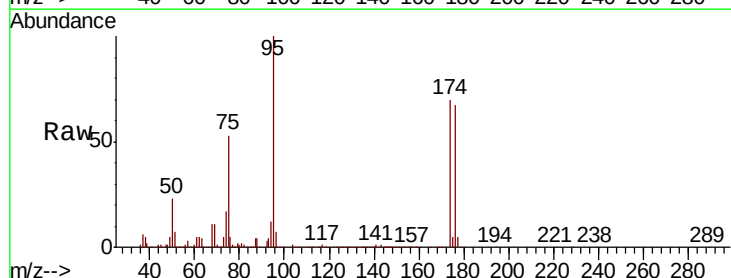
Tgt Ion: 95 Resp: 2681280

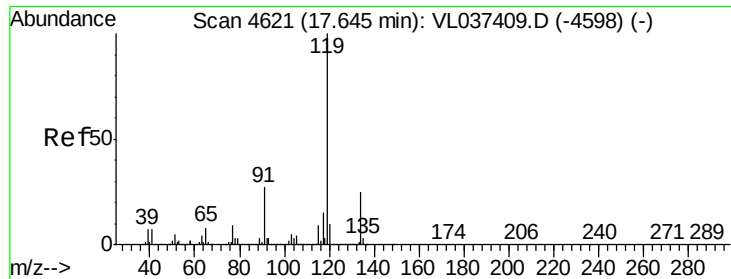
Ion Ratio Lower Upper

95 100

174 76.7 59.6 89.4

175 5.6 4.3 6.5





#69

p-Isopropyltoluene

Concen: 9.085 ppbv

RT: 17.65 min Scan# 4622

Delta R.T. 0.00 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081221

Tot Ion: 119 Resp: 5421918

Ion Ratio Lower Upper

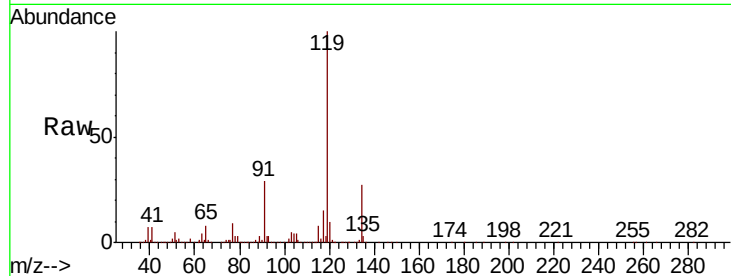
119 100

134 25.8 20.6 31.0

91 28.2 22.4 33.6

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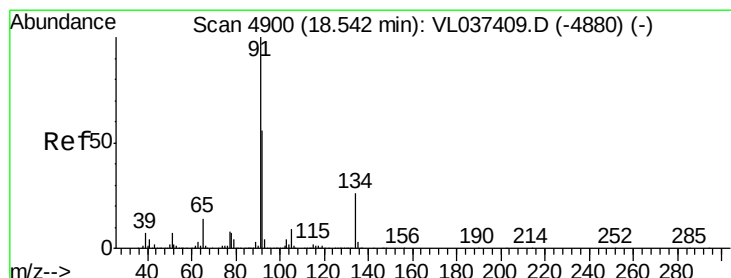
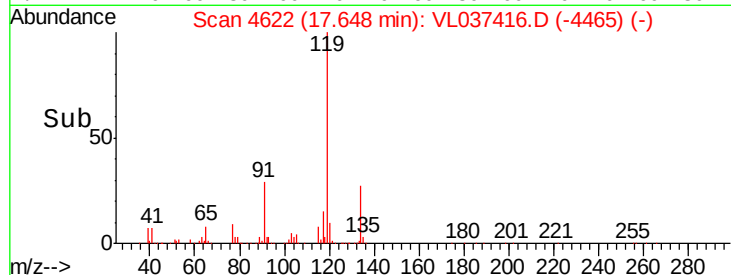
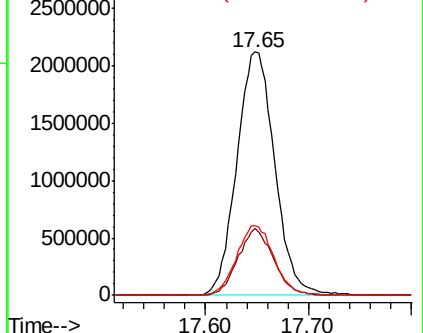
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Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 9.506 ppbv

RT: 18.55 min Scan# 4901

Delta R.T. 0.00 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

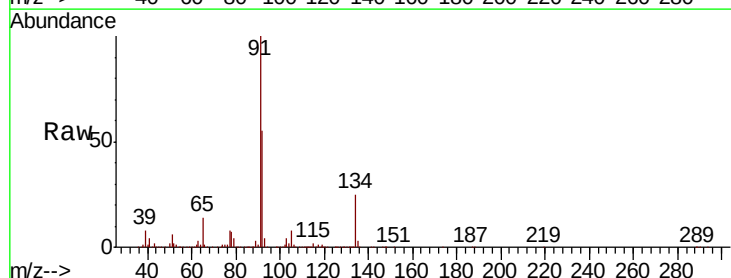
Tgt Ion: 91 Resp: 5272932

Ion Ratio Lower Upper

91 100

92 54.5 44.2 66.2

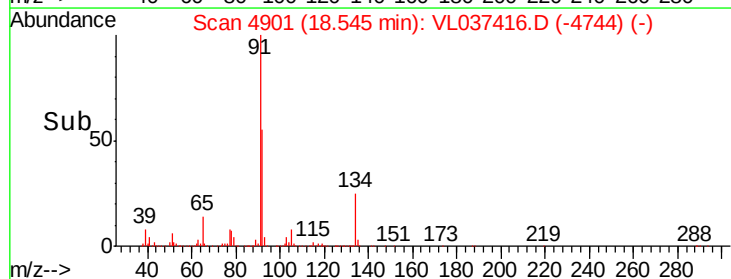
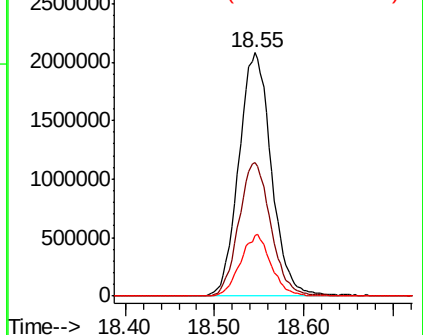
134 23.9 19.5 29.3

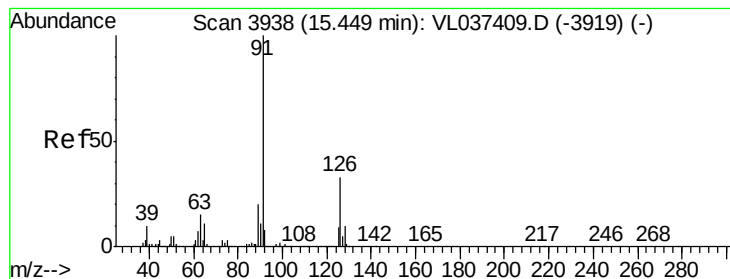


Abundance Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

Ion 134.20 (133.90 to 134.90): V





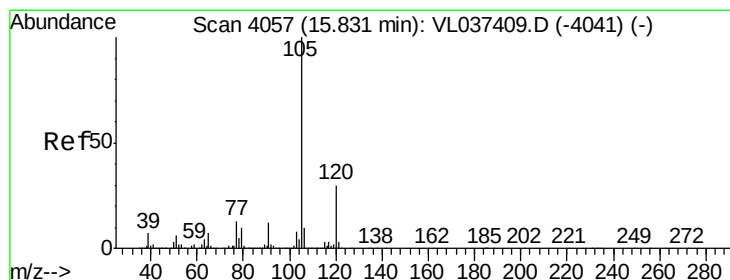
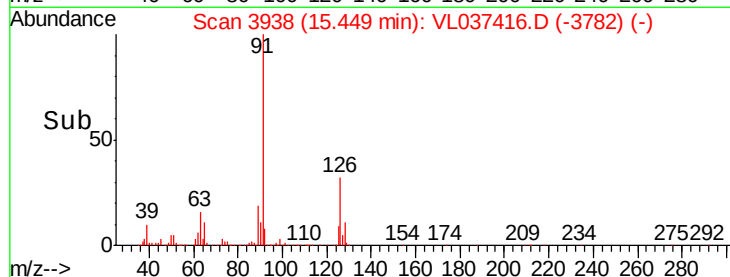
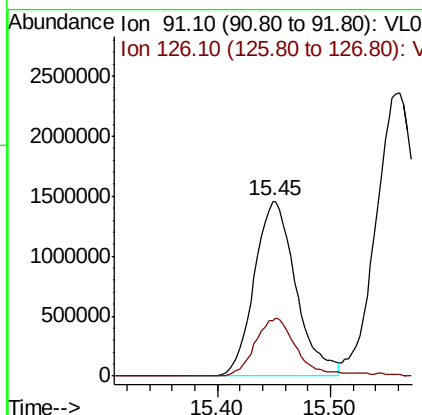
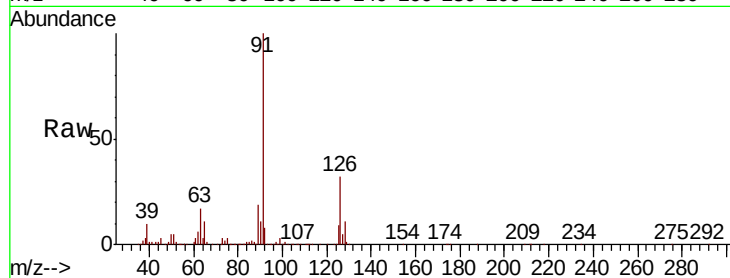
#71
 2-Chlorotoluene
 Concen: 8.890 ppbv
 RT: 15.45 min Scan# 3938
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion: 91 Resp: 3726247
 Ion Ratio Lower Upper
 91 100
 126 34.5 13.5 53.9

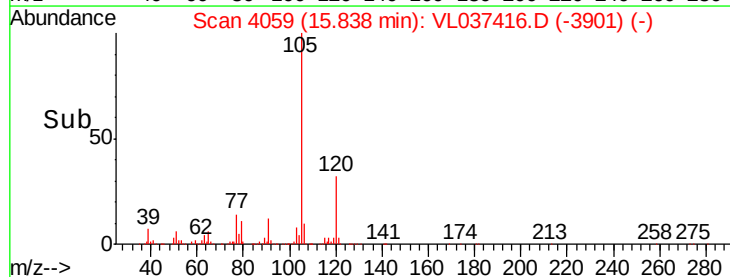
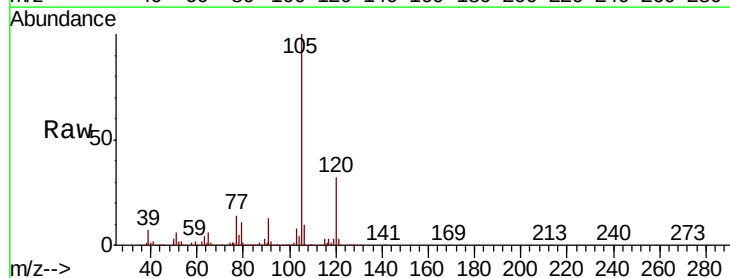
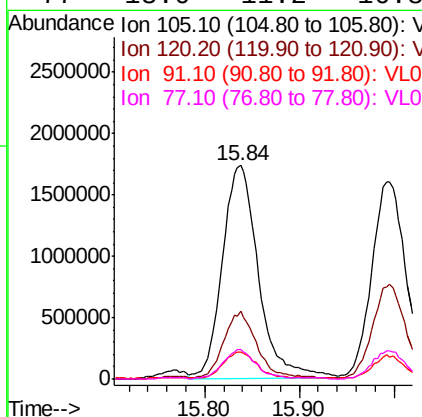
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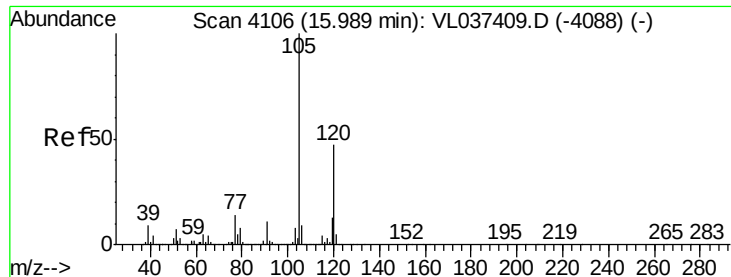
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#72
 4-Ethyltoluene
 Concen: 9.611 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.01 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion: 105 Resp: 4622645
 Ion Ratio Lower Upper
 105 100
 120 29.5 25.0 37.4
 91 11.8 11.2 16.8
 77 13.0 11.2 16.8





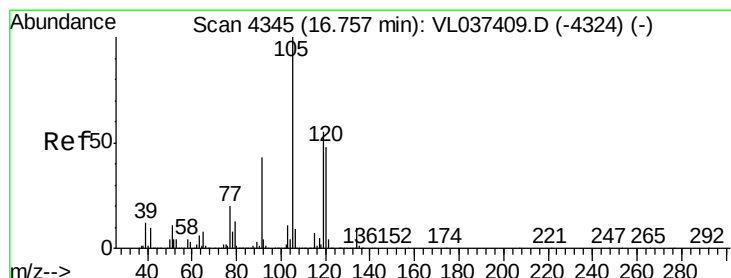
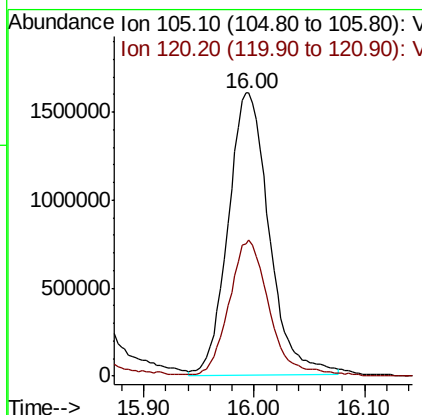
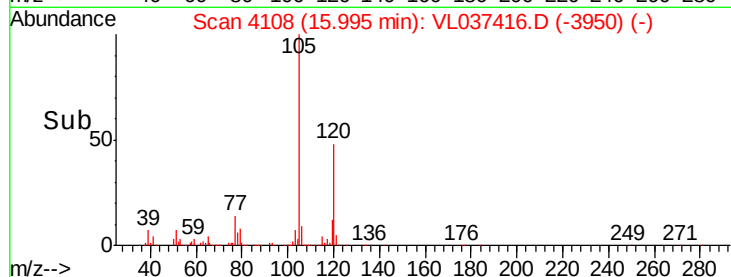
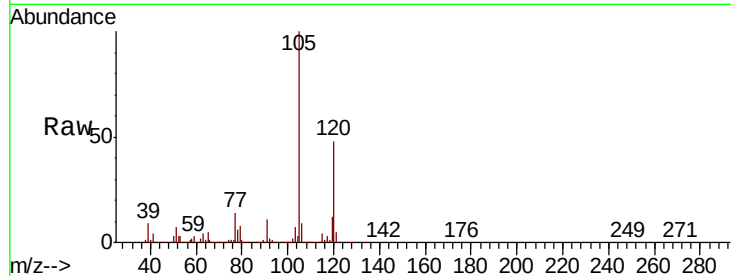
#73
 1,3,5-Trimethylbenzene
 Concen: 9.084 ppbv
 RT: 16.00 min Scan# 4108
 Delta R.T. 0.01 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion:105 Resp: 4130863
 Ion Ratio Lower Upper
 105 100
 120 48.3 37.4 56.0

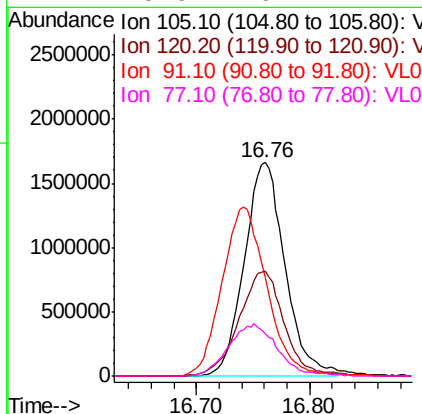
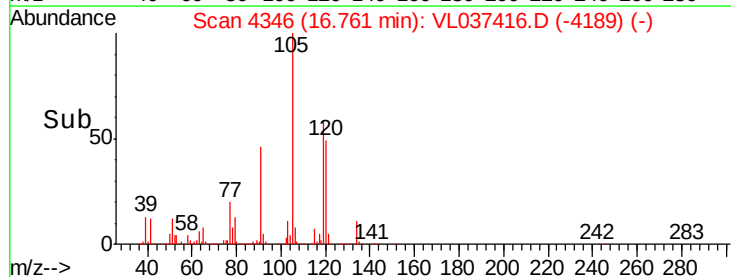
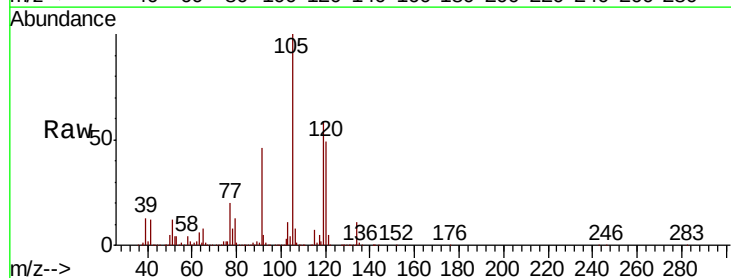
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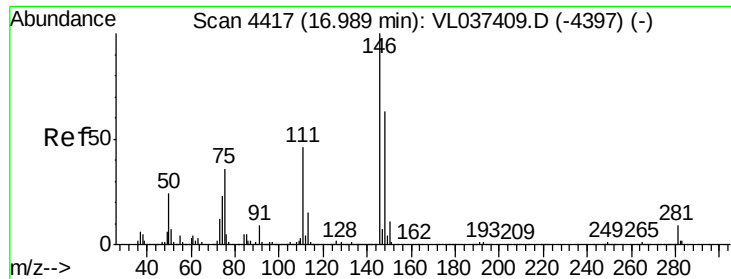
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#74
 1,2,4-Trimethylbenzene
 Concen: 8.907 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion:105 Resp: 4146997
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.2 57.2
 91 44.9 35.4 53.2
 77 19.9 16.2 24.2





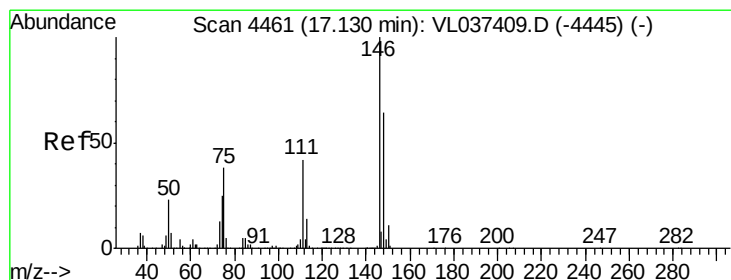
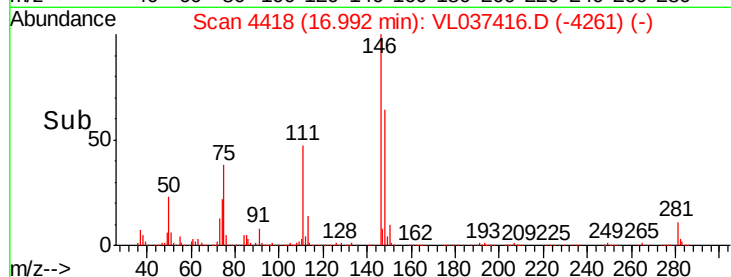
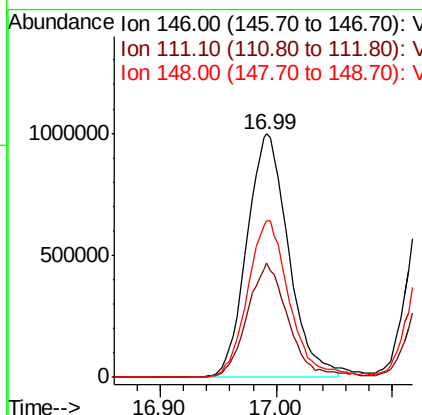
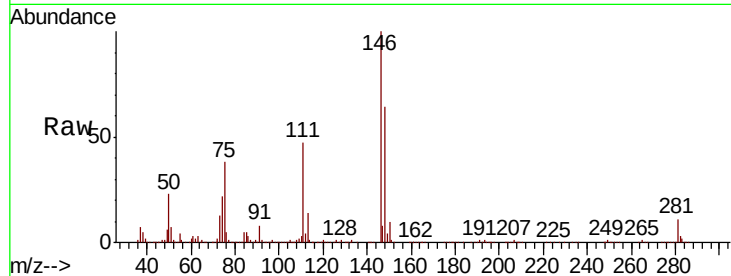
#75
 1,3-Dichlorobenzene
 Concen: 8.712 ppbv
 RT: 16.99 min Scan# 4418
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampled :
 ICVVL081221

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.4	22.9	68.7
148	64.4	32.0	96.2

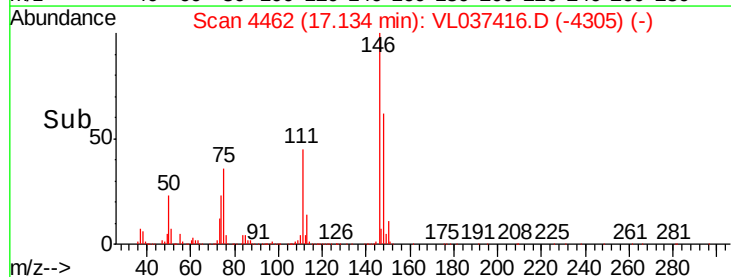
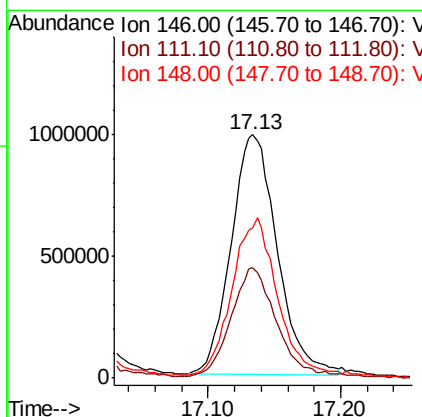
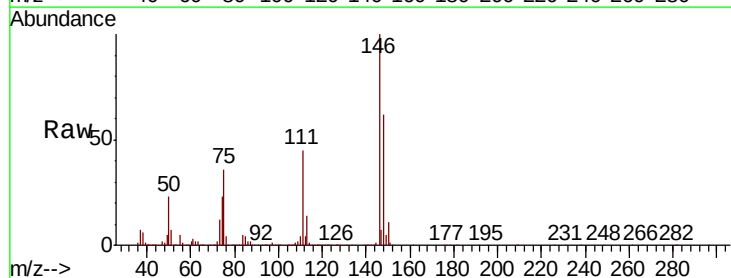
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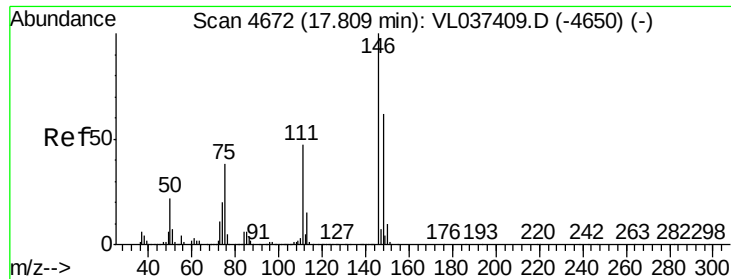
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#76
 1,4-Dichlorobenzene
 Concen: 8.449 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.8	68.4
148	68.1	34.0	102.0





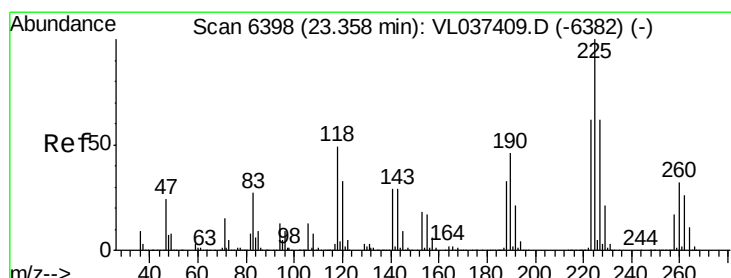
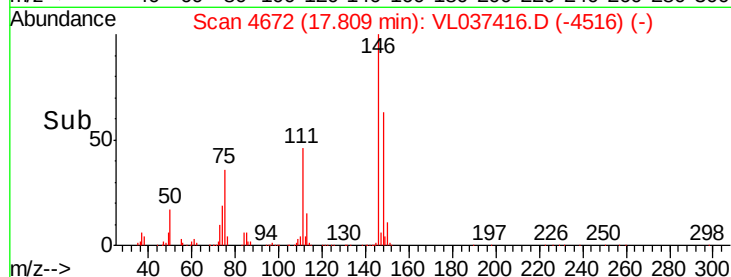
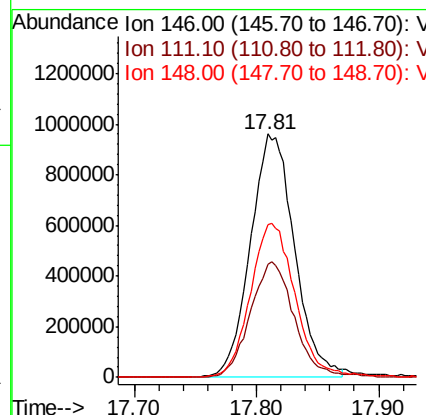
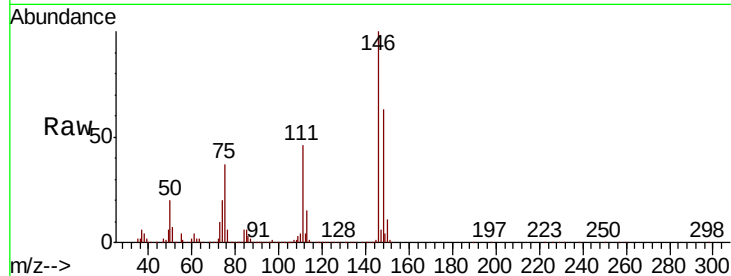
#77
 1,2-Dichlorobenzene
 Concen: 8.701 ppbv
 RT: 17.81 min Scan# 4672
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.8	71.5
148	64.7	32.5	97.4

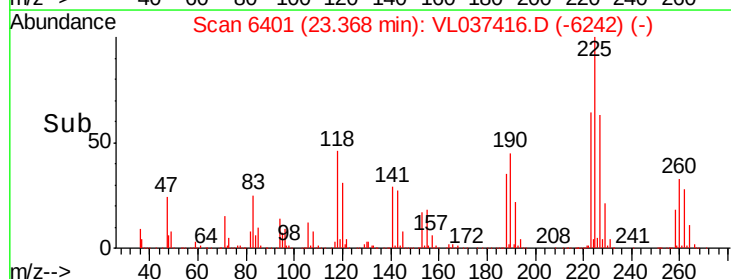
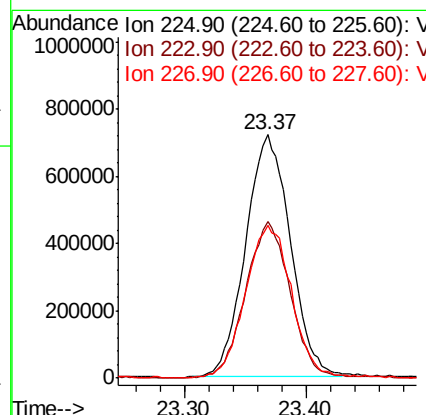
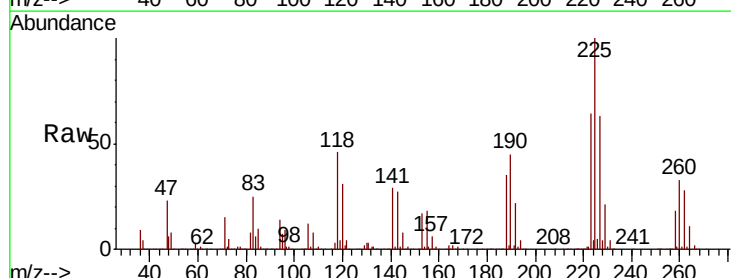
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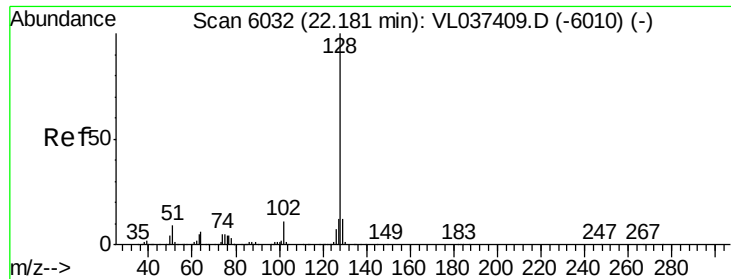
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.244 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.01 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.2	76.8
227	65.4	52.2	78.4





#79

Naphthalene

Concen: 12.380 ppbv

RT: 22.19 min Scan# 6034

Delta R.T. 0.01 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Instrument :

MSVOA_L

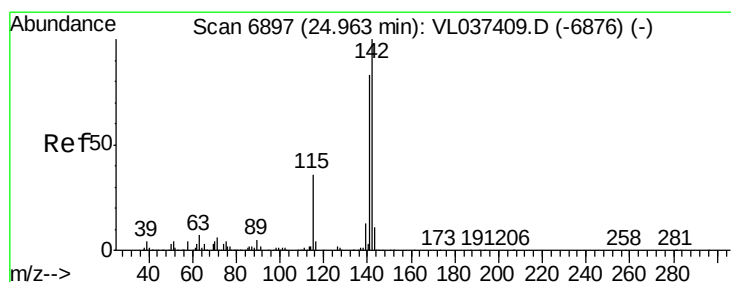
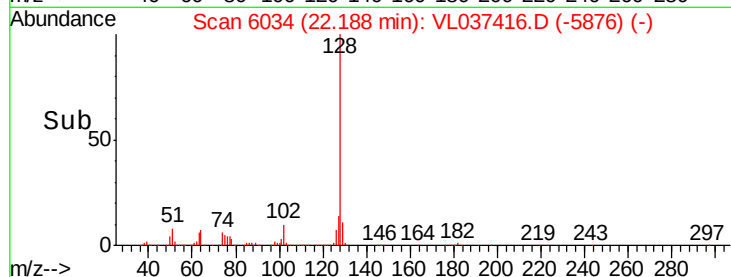
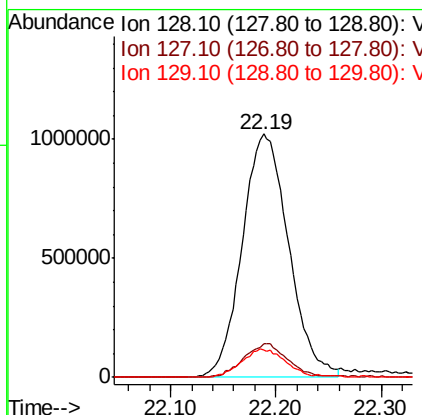
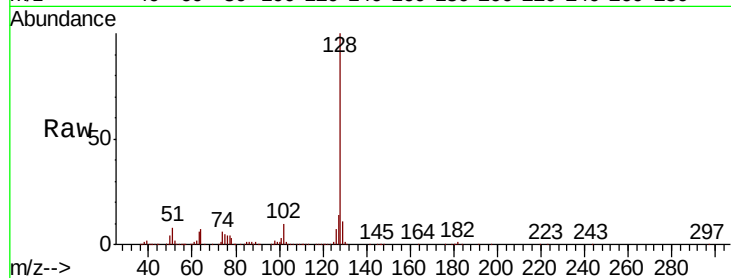
ClientSampleId :

ICVVL081221

Tot Ion:	128	Resp:	3132514
Ion	Ratio	Lower	Upper
128	100		
127	13.5	9.9	14.9
129	11.5	9.4	14.0

Manual Integrations
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#80

Naphthalene, 2-methyl-

Concen: 17.582 ppbv

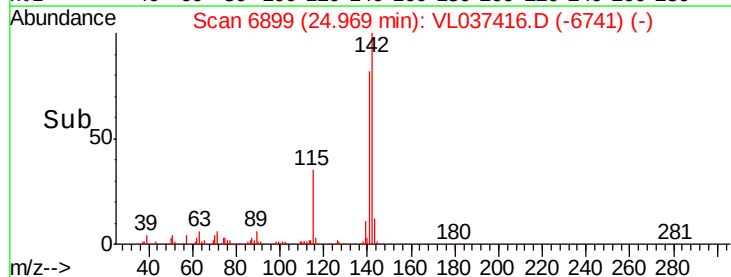
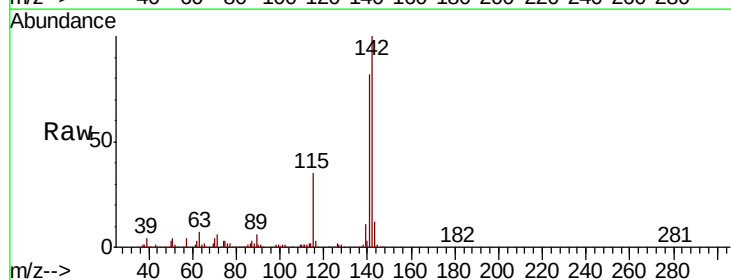
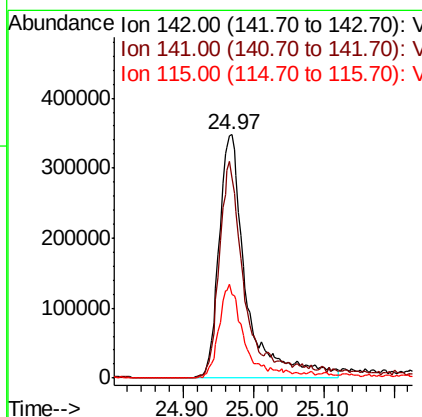
RT: 24.97 min Scan# 6899

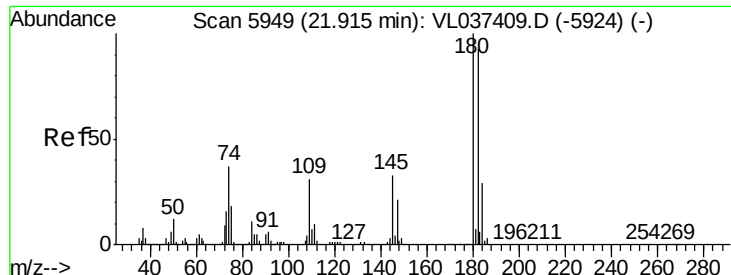
Delta R.T. 0.01 min

Lab File: VL037416.D

Acq: 12 Aug 2021 15:43

Tgt Ion:	142	Resp:	939619
Ion	Ratio	Lower	Upper
142	100		
141	86.4	68.7	103.1
115	35.4	32.7	49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 11.053 ppbv
 RT: 21.92 min Scan# 5950
 Delta R.T. 0.00 min
 Lab File: VL037416.D
 Acq: 12 Aug 2021 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081221

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.3	78.6	118.0
184	31.0	24.6	36.8

Manual Integrations
 APPROVED

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 8/13/2021 11:06:59 AM

