

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
 Data File : VL036422.D
 Acq On : 1 Mar 2021 19:46
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
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 3/2/2021 3:30:39 PM

Quant Time: Mar 02 06:36:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1696931	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.19	114	3880684	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3853371m	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3035991	9.58	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.05	85	2062291	8.143	ppbv	99
3) Chlorodifluoromethane	2.99	51	1841818	8.735	ppbv	99
4) Chloromethane	3.14	50	934677	9.176	ppbv	99
5) Vinyl Chloride	3.26	62	895397	9.440	ppbv	98
6) Bromomethane	3.48	94	506410	8.982	ppbv	96
7) Chloroethane	3.56	64	323716	9.612	ppbv	93
8) Dichlorotetrafluoroethane	3.19	85	2134262	9.266	ppbv	99
9) Propene	3.01	41	828022	10.533	ppbv	99
10) Heptane	8.14	43	2170068	9.367	ppbv	99
11) Trichlorofluoromethane	3.96	101	2226946	8.980	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1379855	8.982	ppbv	99
13) Ethanol	3.61	45	120982m	8.194	ppbv	
14) Bromoethene	3.75	108	578253	8.994	ppbv	99
15) Acetone	3.86	43	1739113	8.384	ppbv	98
16) 1,3-Butadiene	3.33	39	888160	8.954	ppbv	98
17) tert-Butyl alcohol	4.30	59	1399004	8.689	ppbv	100
18) 1,1-Dichloroethene	4.30	96	605474	8.673	ppbv	97
19) Isopropyl Alcohol	3.98	45	874543	7.610	ppbv #	97
20) Methylene Chloride	4.35	84	521986	7.800	ppbv	91
21) Allyl Chloride	4.42	41	1005971	8.711	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	559556	8.824	ppbv	97
23) Vinyl Acetate	5.09	43	2148039	8.807	ppbv	97
24) 1,1-Dichloroethane	5.02	63	1677135	9.298	ppbv	100
25) Ethyl Acetate	5.69	43	3539087	8.838	ppbv	99
26) Hexane	5.70	57	1438602	8.744	ppbv	98
27) Carbon Disulfide	4.56	76	1512717	10.004	ppbv	97
28) Methyl tert-Butyl Ether	5.05	73	1982664	9.224	ppbv	100
29) Chloroform	5.77	83	2331812	8.797	ppbv	98
30) Cyclohexane	7.14	84	1206243	8.815	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1478122	9.079	ppbv	94
32) 1,1,1-Trichloroethane	6.53	97	2274162	9.177	ppbv	99
34) 2-Butanone	5.26	43	2251967	8.734	ppbv	100
35) Carbon Tetrachloride	7.03	117	2333050	8.970	ppbv	96
36) Benzene	6.91	78	3056383	9.272	ppbv	99
37) 1,2-Dichloroethane	6.32	62	1781838	8.742	ppbv	99
38) Trichloroethene	7.85	130	1050883	8.899	ppbv	95
39) 1,2-Dichloropropane	7.63	63	1236023	9.230	ppbv	97
40) 1,4-Dioxane	7.85	88	346552	7.469	ppbv #	23
41) Tetrahydrofuran	6.06	42	1348575	9.372	ppbv	98
42) Bromodichloromethane	7.81	83	2517378	9.222	ppbv	96
43) Methyl Methacrylate	8.03	69	1341341	9.648	ppbv	99

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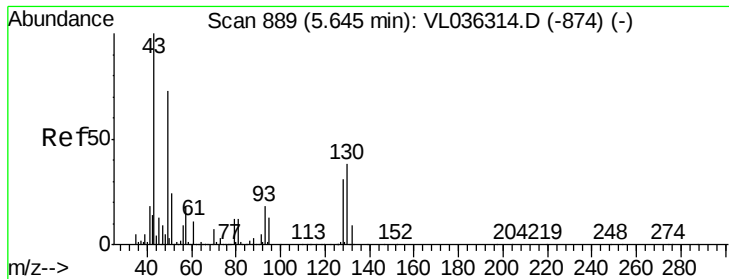
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5290878	8.827	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1397681	10.422	ppbv	100
46) cis-1,3-Dichloropropene	8.72	75	1707039	10.020	ppbv	99
47) 1,1,2-Trichloroethane	9.50	97	1188613	8.673	ppbv	98
48) Dibromochloromethane	10.32	129	1963473	9.601	ppbv	98
49) Bromoform	13.06	173	1581535	9.567	ppbv	100
50) 4-Methyl-2-Pentanone	8.76	43	3505996	9.159	ppbv	99
51) 2-Hexanone	10.15	43	2851774	9.805	ppbv	98
52) Tetrachloroethene	11.24	164	969002	8.029	ppbv	97
53) Toluene	9.83	91	3369106	9.436	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1756486	8.869	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.14	131	1463375	8.257	ppbv #	61
57) Chlorobenzene	12.17	112	2412119	8.102	ppbv	98
58) Ethyl Benzene	12.73	91	4536416	8.597	ppbv	99
59) m/p-Xylene	13.02	91	7631995m	16.467	ppbv	
60) o-Xylene	13.71	91	3623132	8.176	ppbv	100
61) Styrene	13.55	104	2528290	9.206	ppbv	99
62) Isopropylbenzene	14.69	105	5296444	7.974	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	2537415	7.257	ppbv	100
64) n-propylbenzene	15.58	120	1398782	8.556	ppbv	97
65) tert-Butylbenzene	16.77	119	4491581	7.903	ppbv	99
66) Benzyl Chloride	17.01	91	1518558	9.829	ppbv	99
67) sec-Butylbenzene	17.32	105	6459684	7.881	ppbv	99
69) p-Isopropyltoluene	17.68	119	5261089	8.306	ppbv	99
70) n-Butylbenzene	18.57	91	5653212	8.323	ppbv	100
71) 2-Chlorotoluene	15.47	91	4143373	8.137	ppbv	99
72) 4-Ethyltoluene	15.86	105	4159966	8.435	ppbv	100
73) 1,3,5-Trimethylbenzene	16.02	105	3881222	8.119	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	3890179	7.971	ppbv #	90
75) 1,3-Dichlorobenzene	17.02	146	2112986	7.976	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	2064896	7.506	ppbv	95
77) 1,2-Dichlorobenzene	17.84	146	2097434	7.981	ppbv	99
78) Hexachloro-1,3-Butadiene	23.40	225	1665201	7.756	ppbv	99
79) Naphthalene	22.22	128	3326014	11.497	ppbv	98
80) Naphthalene,2-methyl-	24.99	142	814936	15.214	ppbv	93
81) 1,2,4-Trichlorobenzene	21.95	180	1731574	9.810	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.04 min

Lab File: VL036422.D

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Instrument :

MSVOA_L

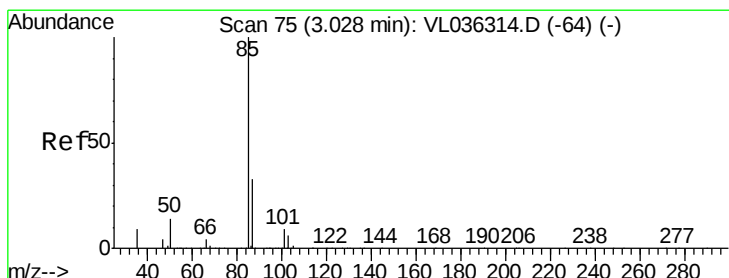
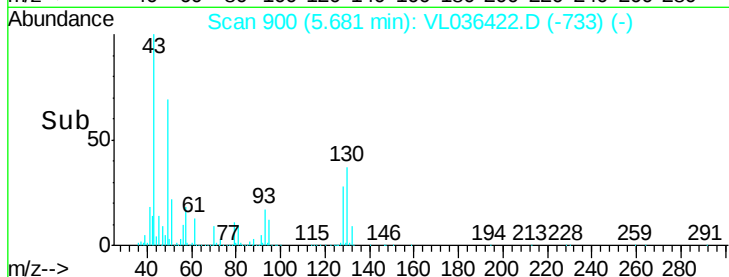
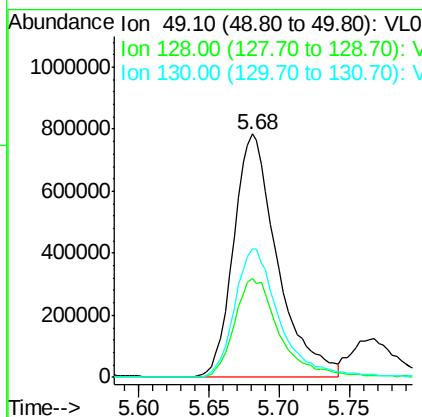
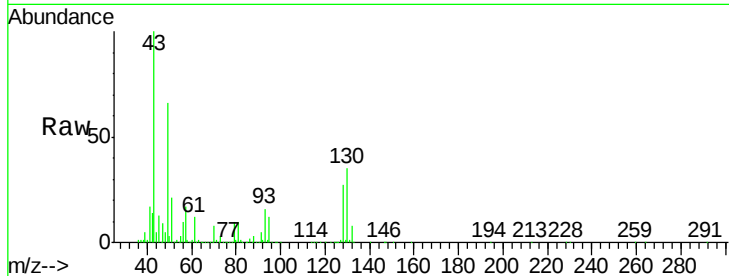
ClientSampleId :

VSTDCCC010EC

Tgt Ion:	49	Resp:	1696931
Ion	Ratio	Lower	Upper
49	100		
128	42.8	20.8	62.5
130	55.3	26.7	80.1

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#2

Dichlorodifluoromethane

Concen: 8.143 ppbv

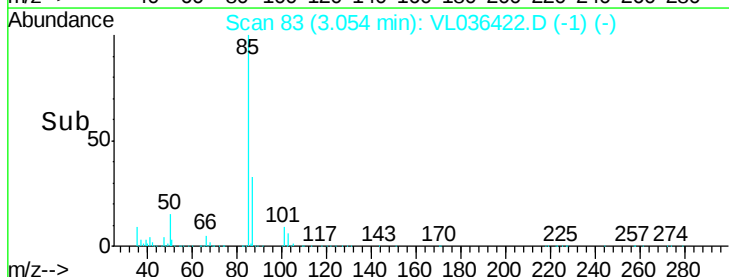
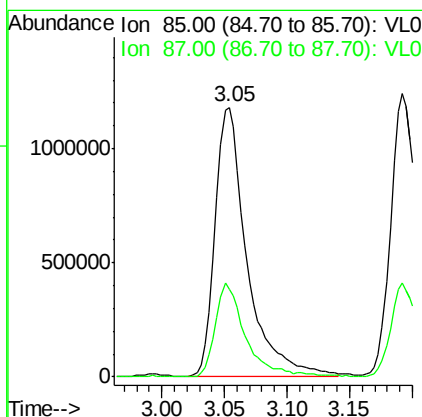
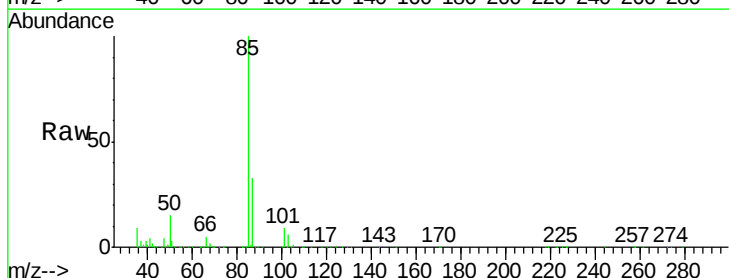
RT: 3.05 min Scan# 83

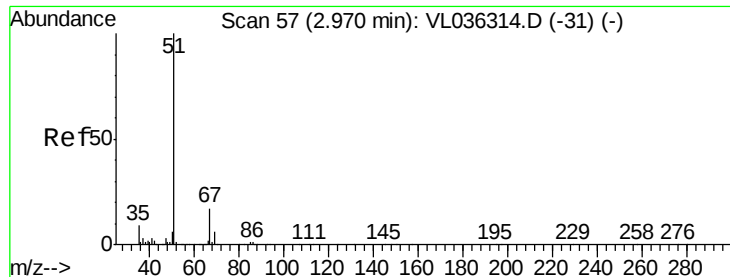
Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Tgt Ion:	85	Resp:	2062291
Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.5	39.7





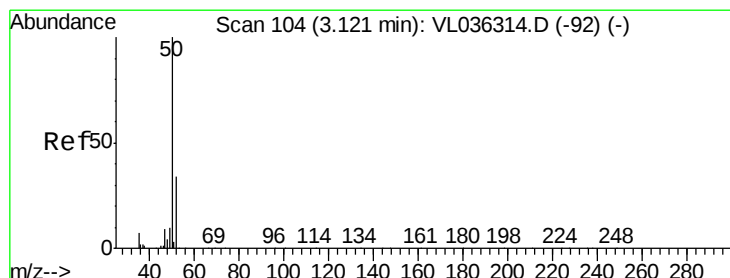
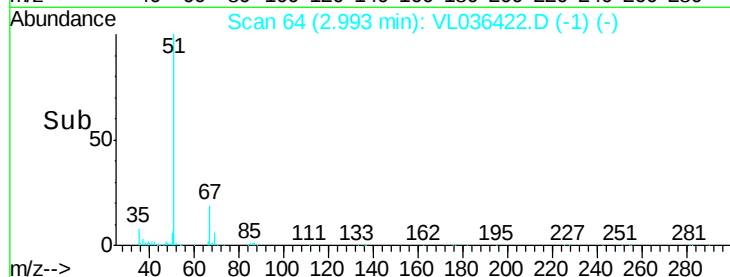
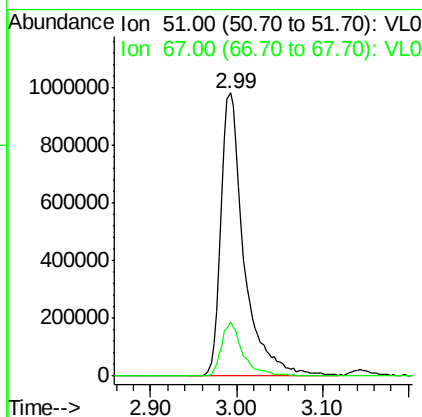
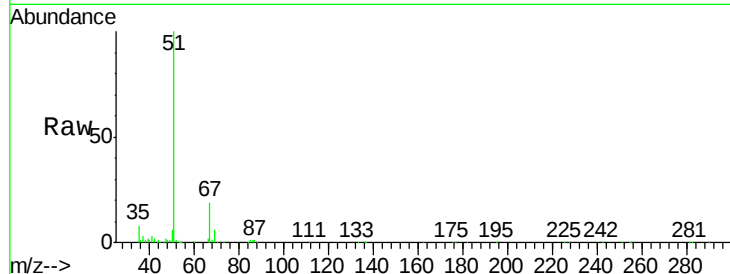
#3
Chlorodifluoromethane
Concen: 8.735 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.02 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

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Tgt Ion: 51 Resp: 1841818
Ion Ratio Lower Upper
51 100
67 18.1 14.7 22.1

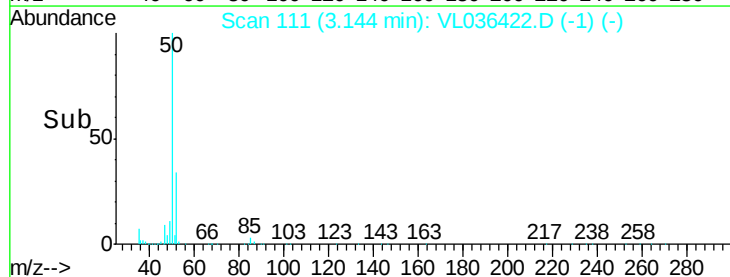
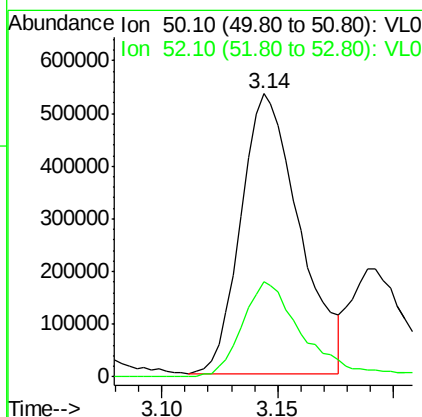
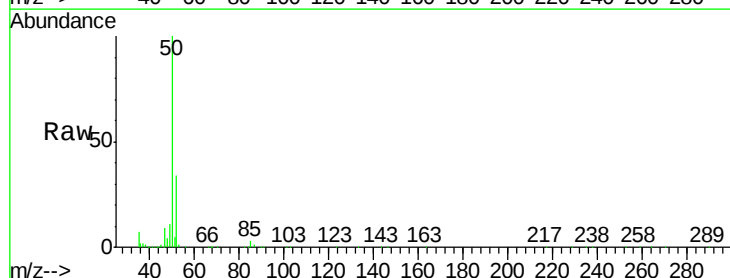
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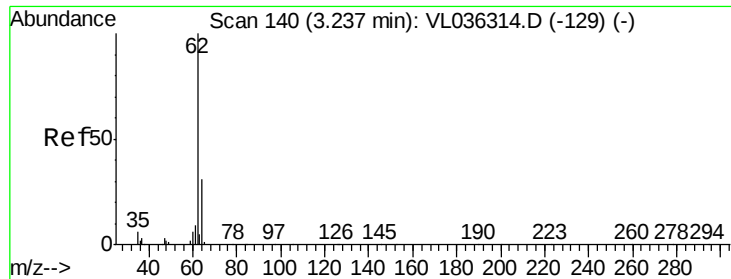
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#4
Chloromethane
Concen: 9.176 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.02 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 50 Resp: 934677
Ion Ratio Lower Upper
50 100
52 34.0 27.0 40.4





#5

Vinyl Chloride

Concen: 9.440 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 895397

Ion Ratio Lower Upper

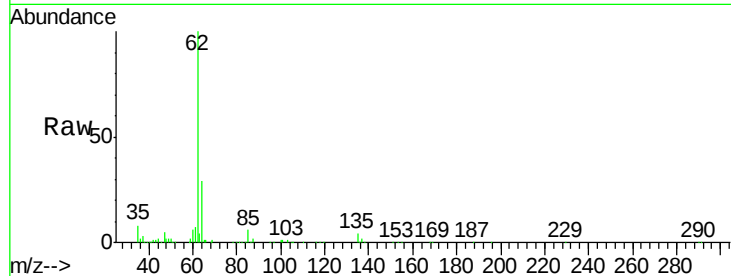
62 100

64 29.5 24.4 36.6

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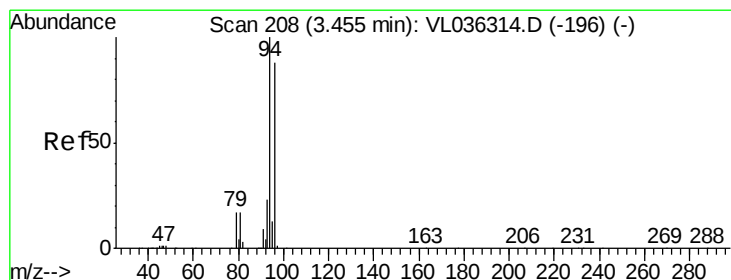
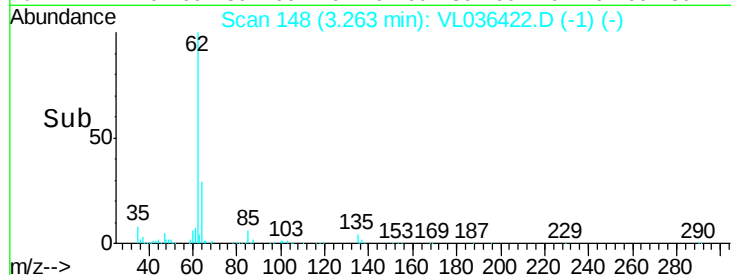
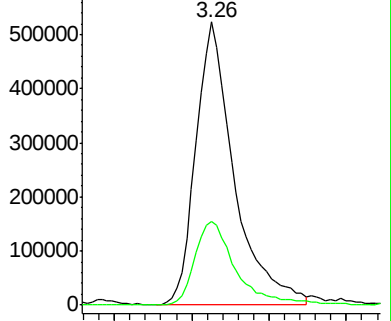
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.982 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.02 min

Lab File: VL036422.D

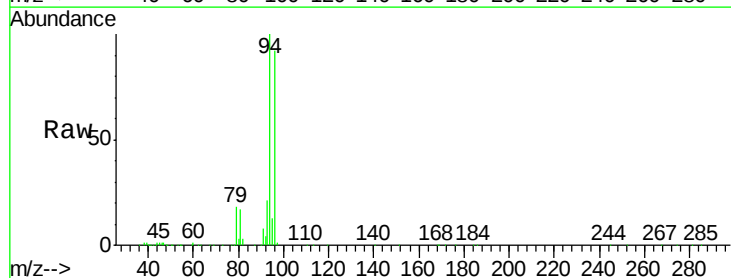
Acq: 1 Mar 2021 19:46

Tgt Ion: 94 Resp: 506410

Ion Ratio Lower Upper

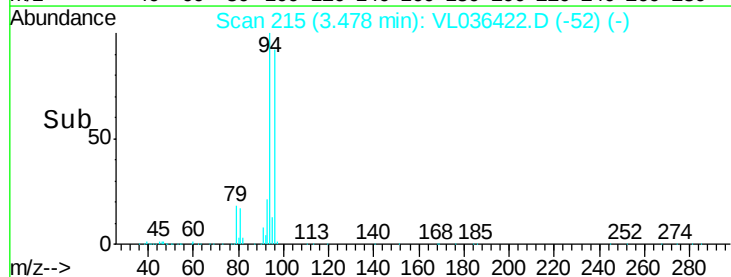
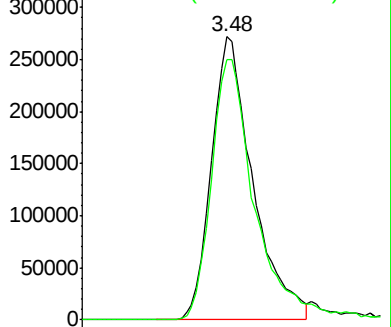
94 100

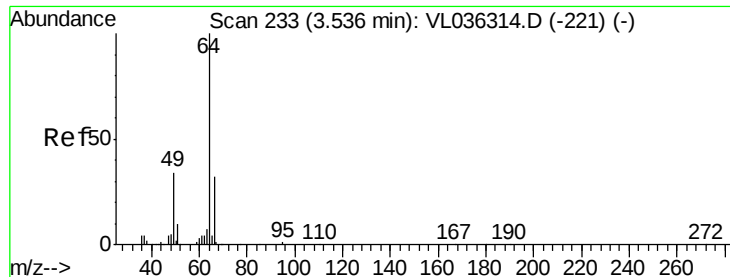
96 92.2 70.8 106.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.612 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 64 Resp: 323716

Ion Ratio Lower Upper

64 100

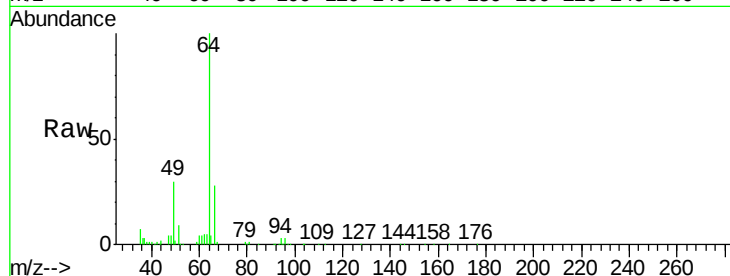
66 28.1 25.6 38.4

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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

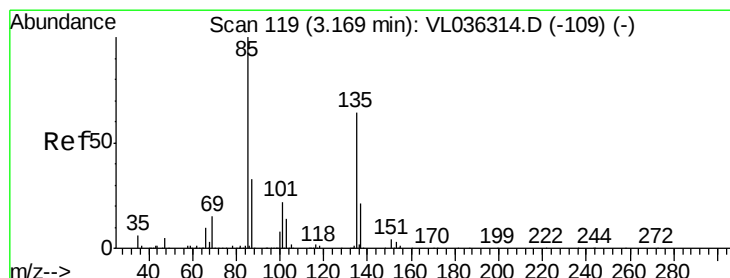
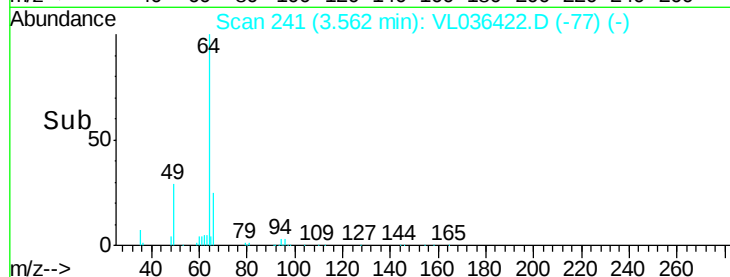
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50000

0

3.50 3.55 3.60 3.65

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.266 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.02 min

Lab File: VL036422.D

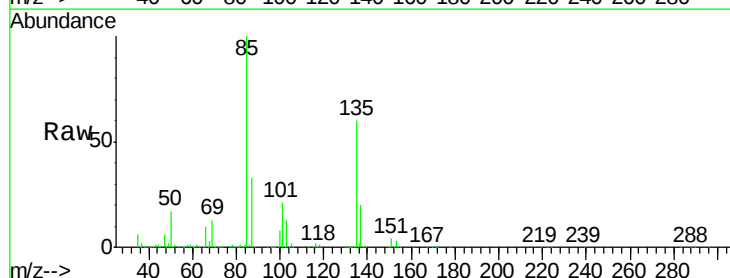
Acq: 1 Mar 2021 19:46

Tgt Ion: 85 Resp: 2134262

Ion Ratio Lower Upper

85 100

135 63.3 51.1 76.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.19

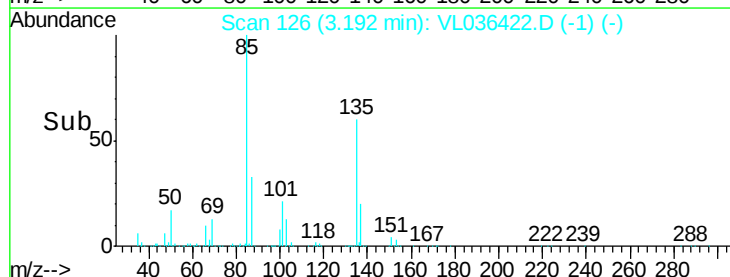
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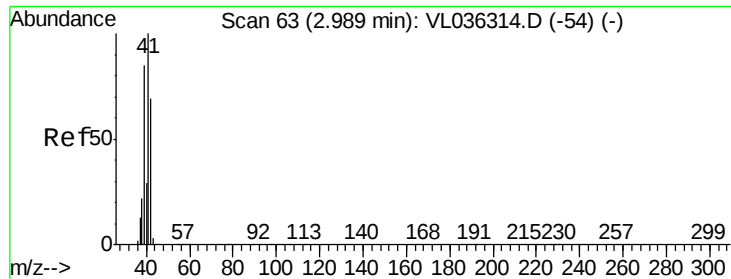
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3.10 3.20 3.30

Time-->





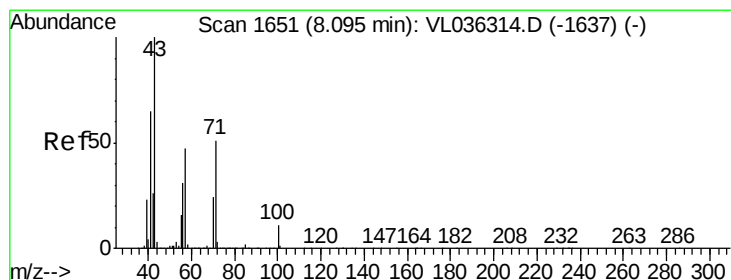
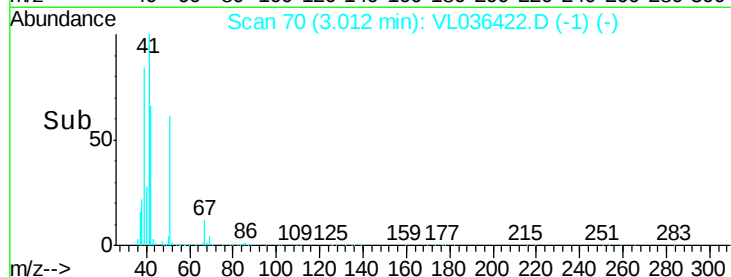
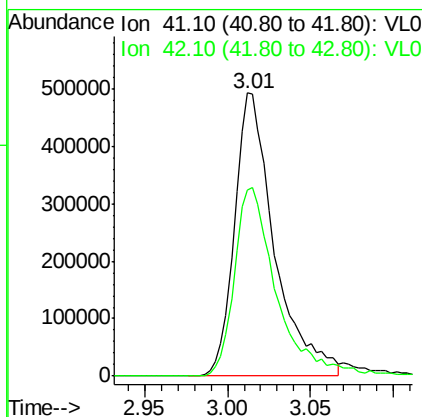
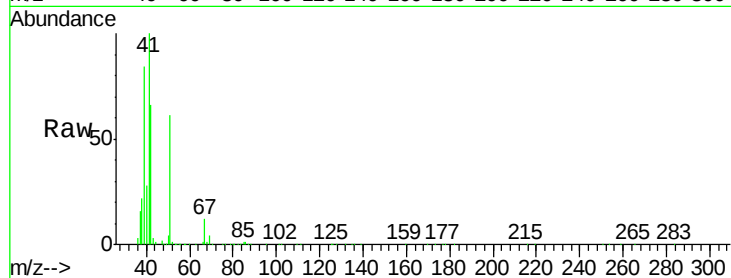
#9
 Propene
 Concen: 10.533 ppbv
 RT: 3.01 min Scan# 70
 Delta R.T. 0.02 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 828022
 Ion Ratio Lower Upper
 41 100
 42 71.4 56.2 84.2

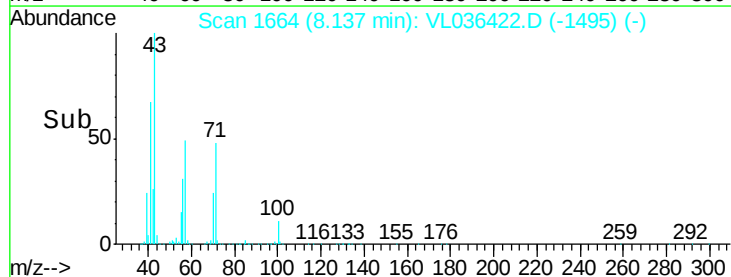
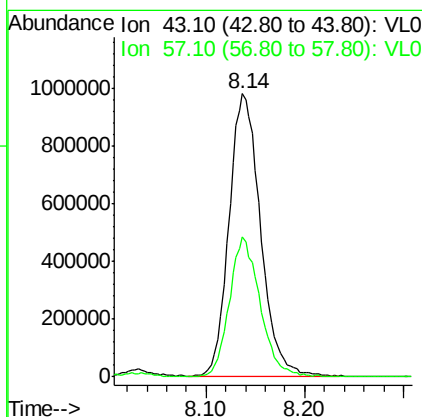
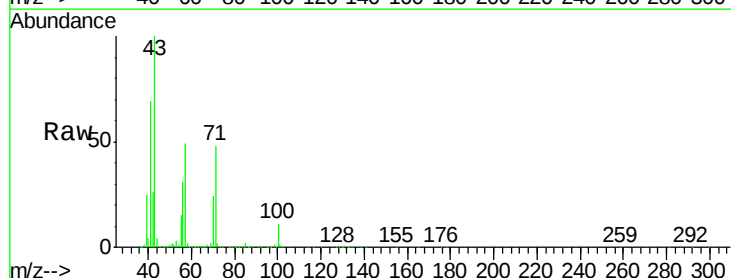
Manual Integrations
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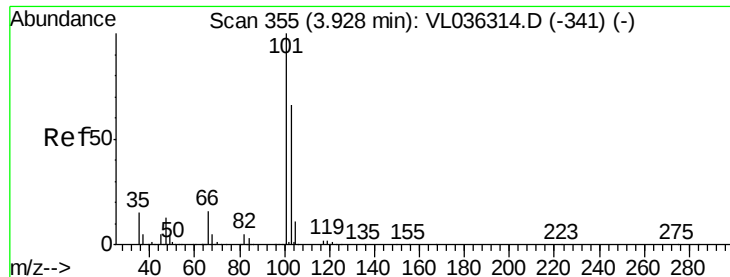
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#10
 Heptane
 Concen: 9.367 ppbv
 RT: 8.14 min Scan# 1664
 Delta R.T. 0.04 min
 Lab File: VL036422.D
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Tgt Ion: 43 Resp: 2170068
 Ion Ratio Lower Upper
 43 100
 57 48.6 39.4 59.2





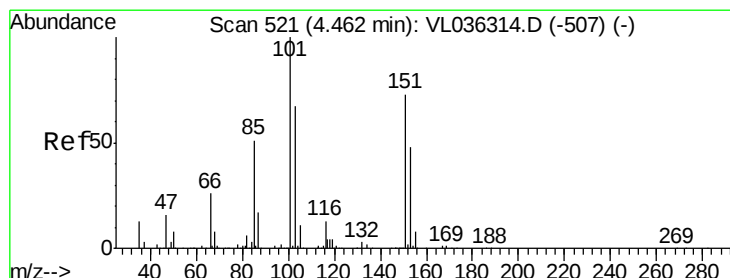
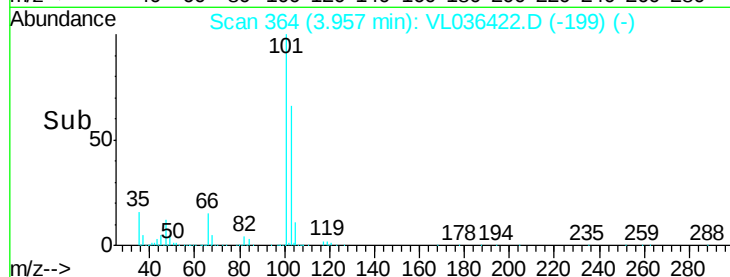
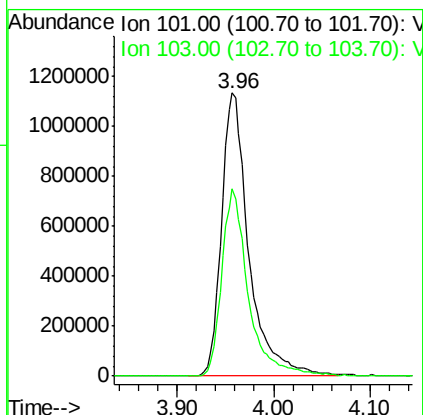
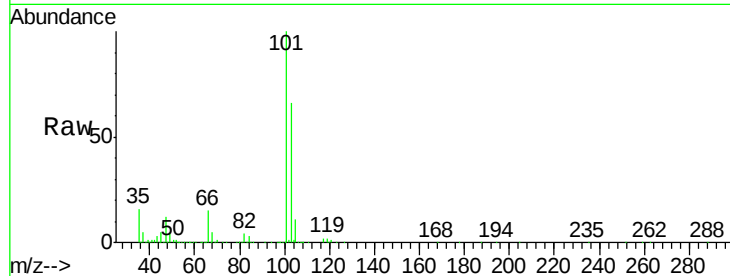
#11
 Trichlorofluoromethane
 Concen: 8.980 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:101 Resp: 2226946
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.9 79.3

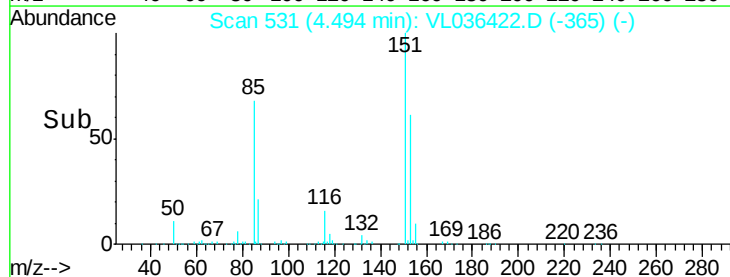
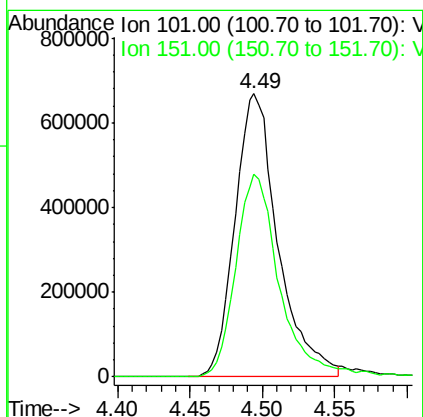
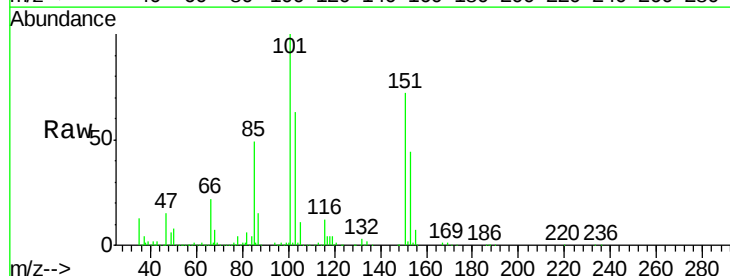
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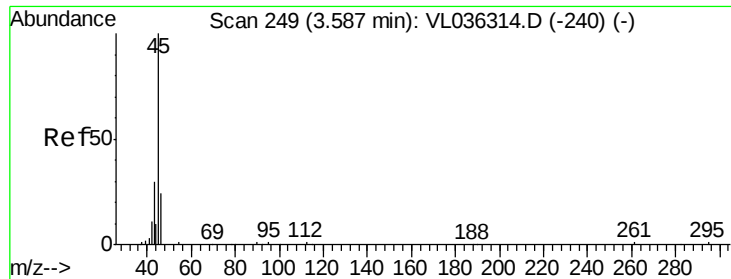
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.982 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion:101 Resp: 1379855
 Ion Ratio Lower Upper
 101 100
 151 73.4 58.2 87.4





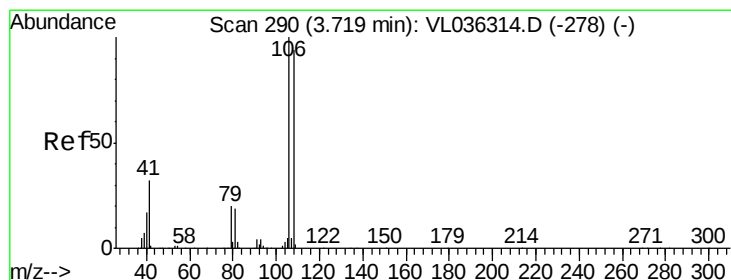
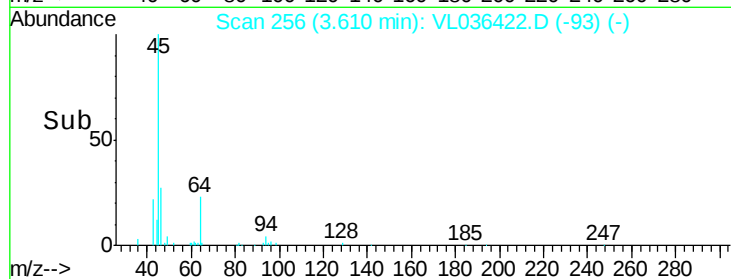
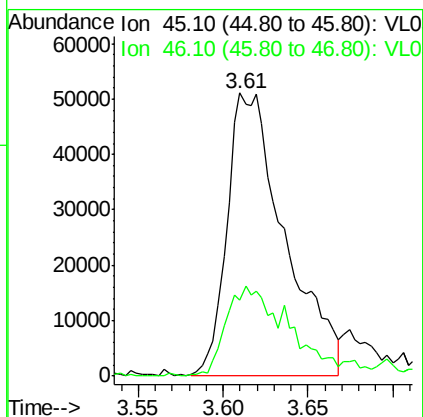
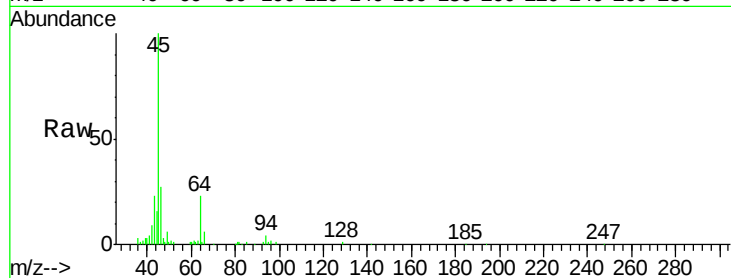
#13
Ethanol
Concen: 8.194 ppbv m
RT: 3.61 min Scan# 256
Delta R.T. 0.02 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 120982
Ion Ratio Lower Upper
45 100
46 38.7 17.7 70.7

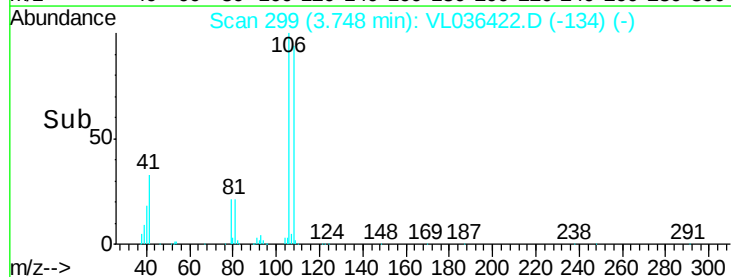
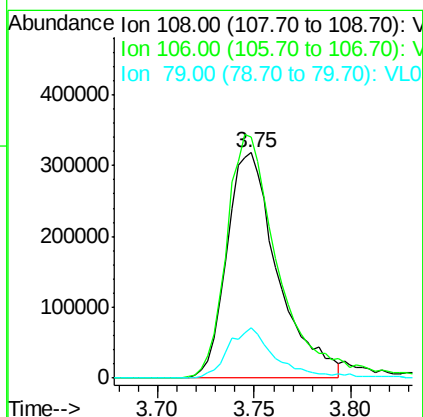
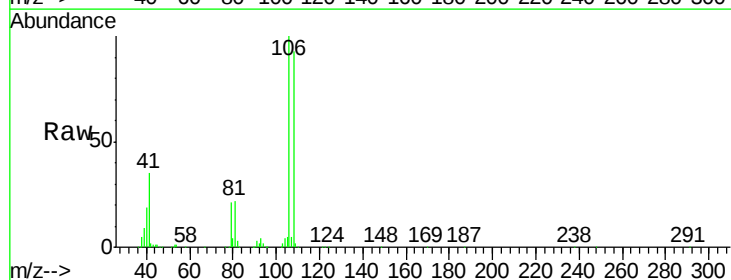
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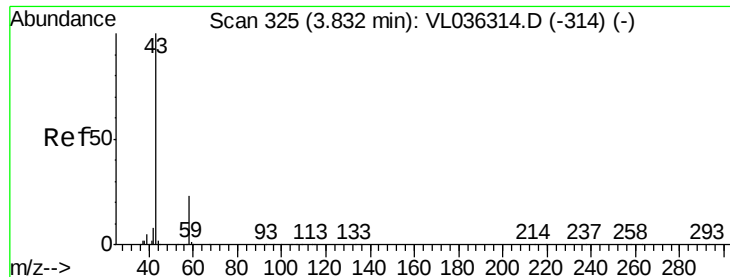
MMDadoda
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#14
Bromoethene
Concen: 8.994 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 108 Resp: 578253
Ion Ratio Lower Upper
108 100
106 113.7 89.8 134.8
79 21.5 17.1 25.7





#15

Acetone

Concen: 8.384 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 1739113

Ion Ratio Lower Upper

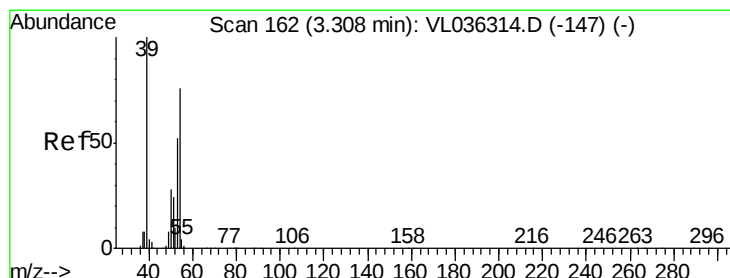
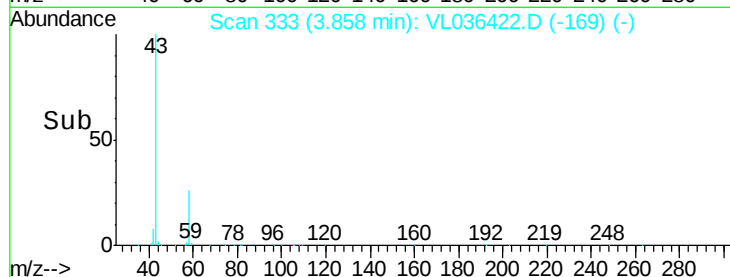
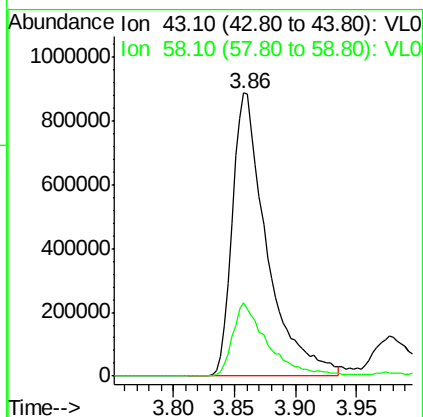
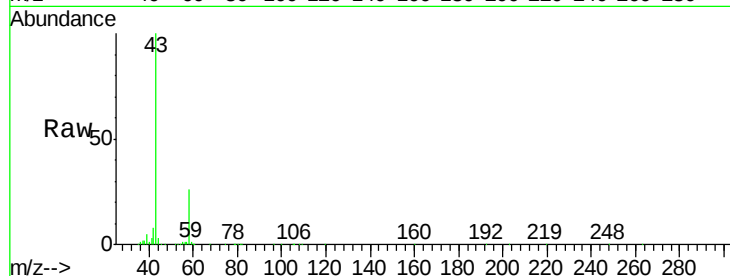
43 100

58 26.2 20.3 30.5

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#16

1,3-Butadiene

Concen: 8.954 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.03 min

Lab File: VL036422.D

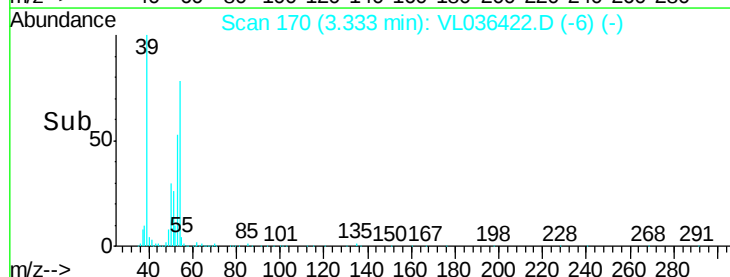
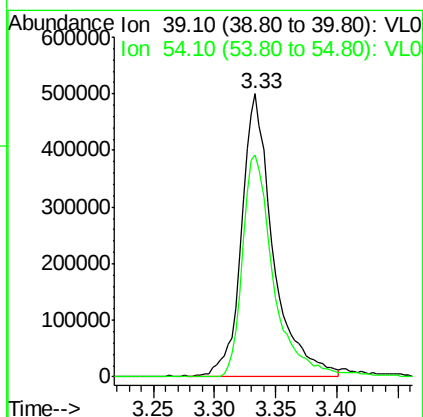
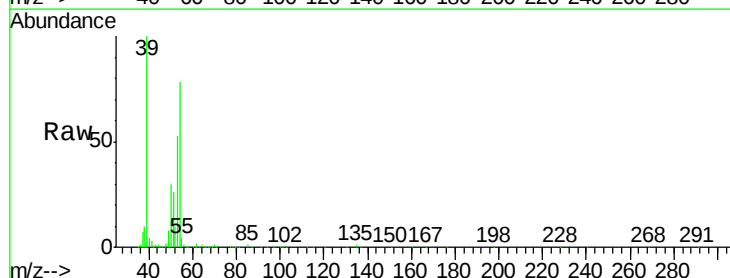
Acq: 1 Mar 2021 19:46

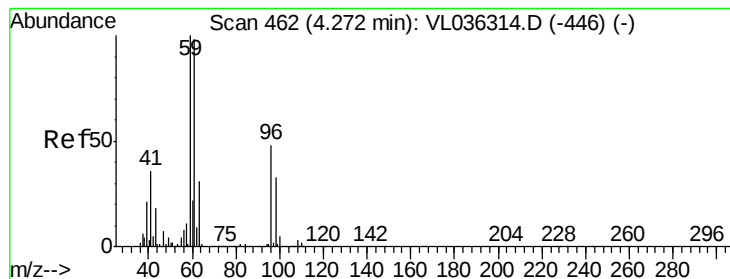
Tgt Ion: 39 Resp: 888160

Ion Ratio Lower Upper

39 100

54 78.4 64.4 96.6





#17

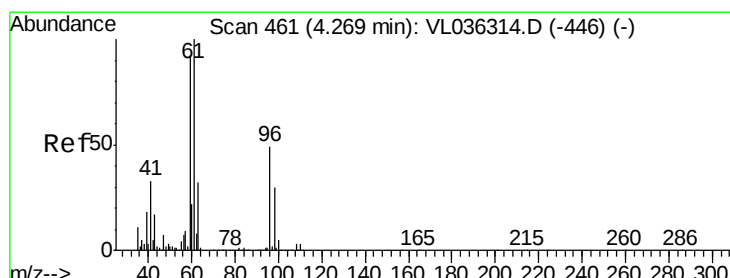
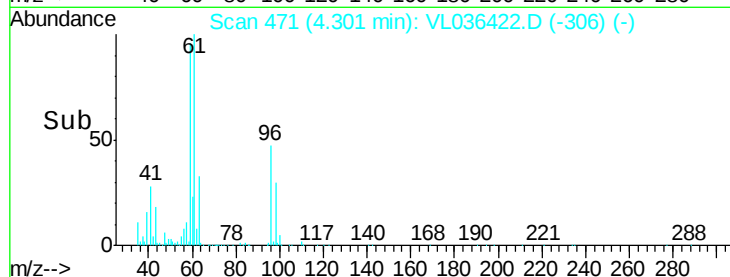
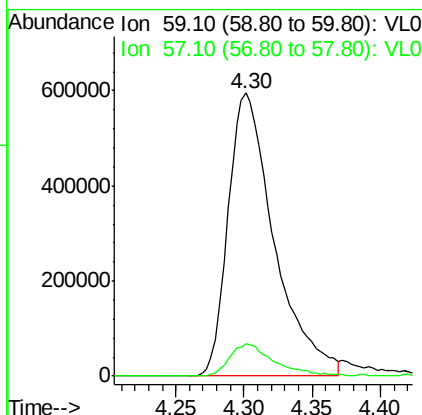
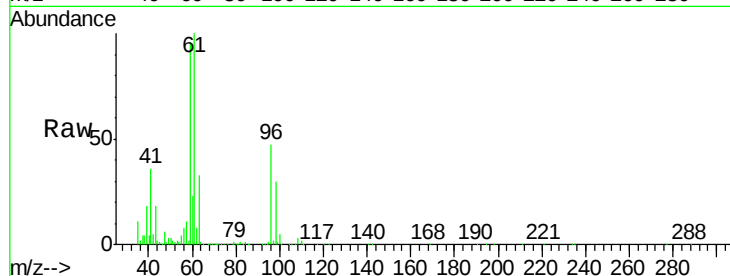
tert-Butyl alcohol
Concen: 8.689 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1399004
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.4

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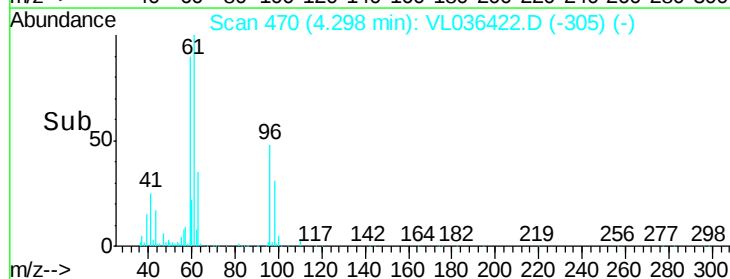
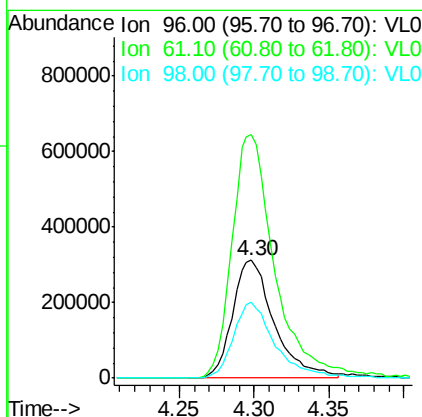
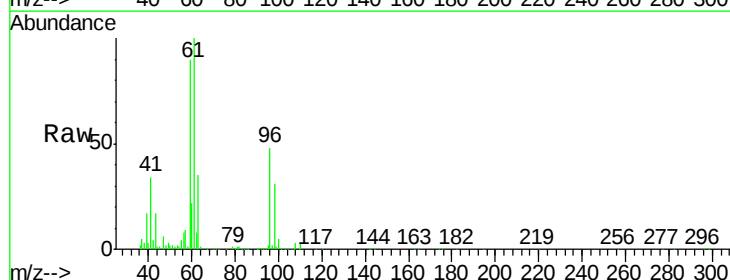
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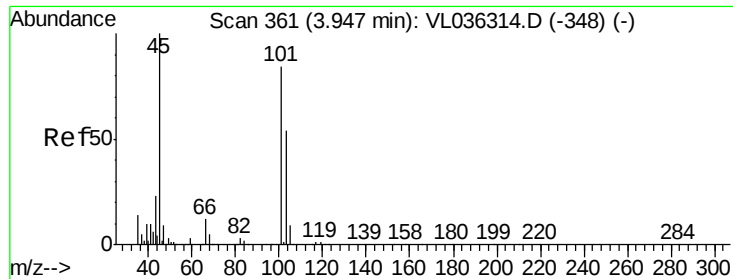


#18

1,1-Dichloroethene
Concen: 8.673 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 96 Resp: 605474
Ion Ratio Lower Upper
96 100
61 206.3 162.5 243.7
98 63.9 48.5 72.7





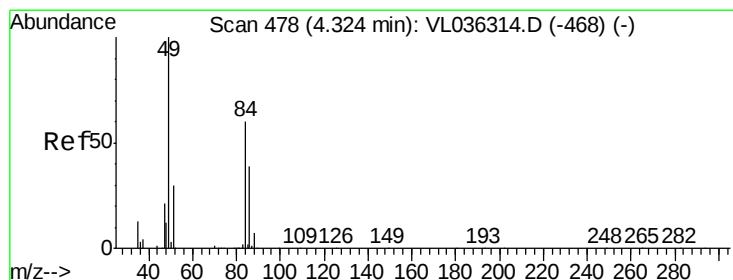
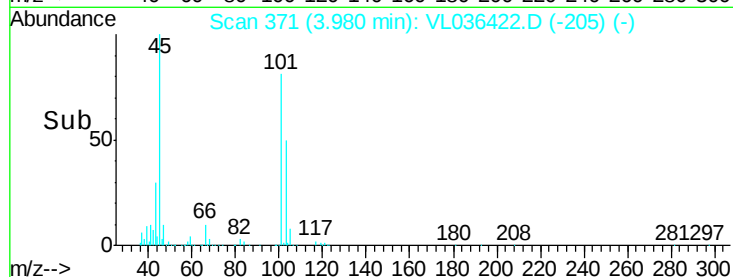
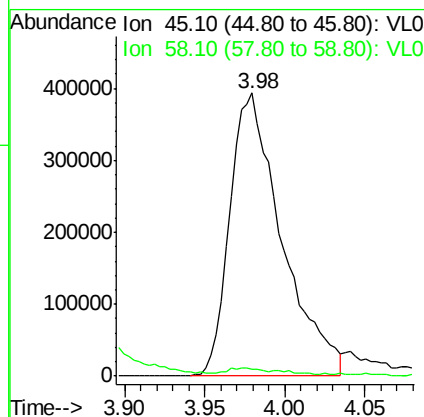
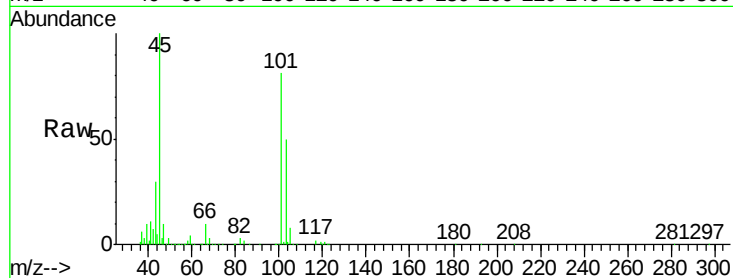
#19
Isopropyl Alcohol
Concen: 7.610 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 874543
Ion Ratio Lower Upper
45 100
58 3.4 1.9 2.9#

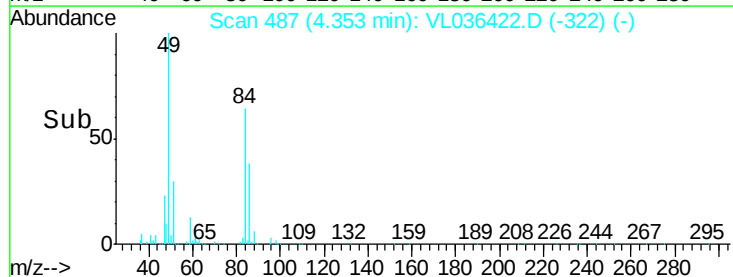
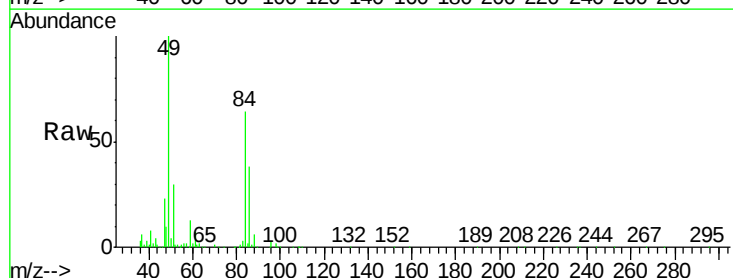
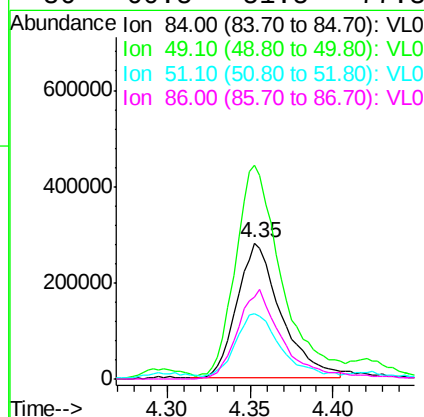
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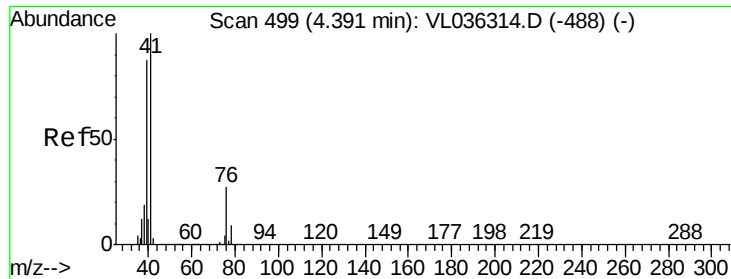
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#20
Methylene Chloride
Concen: 7.800 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 84 Resp: 521986
Ion Ratio Lower Upper
84 100
49 154.1 133.8 200.8
51 45.4 41.4 62.0
86 60.5 51.5 77.3





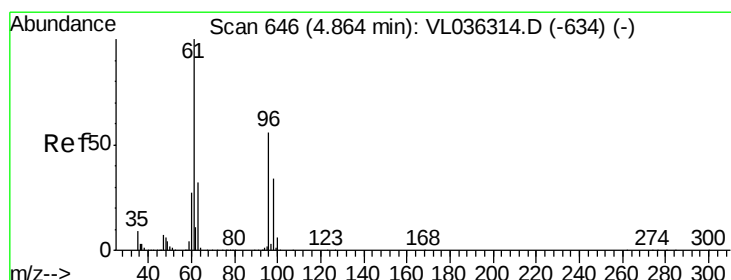
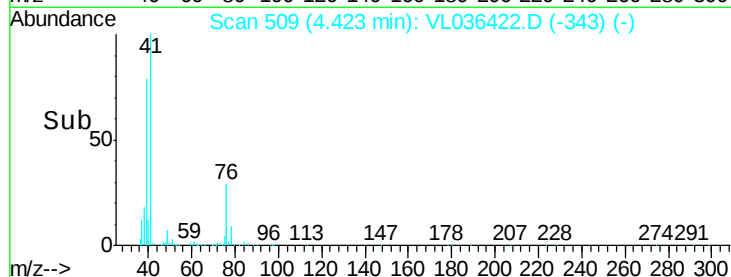
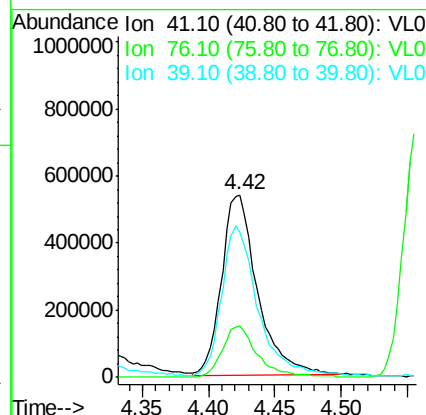
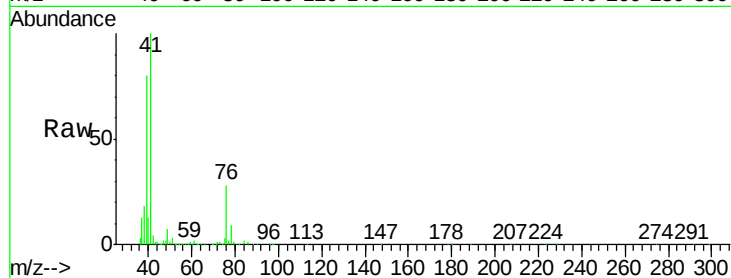
#21
 Allyl Chloride
 Concen: 8.711 ppbv
 RT: 4.42 min Scan# 509
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 1005971
 Ion Ratio Lower Upper
 41 100
 76 28.2 22.0 33.0
 39 85.1 70.2 105.2

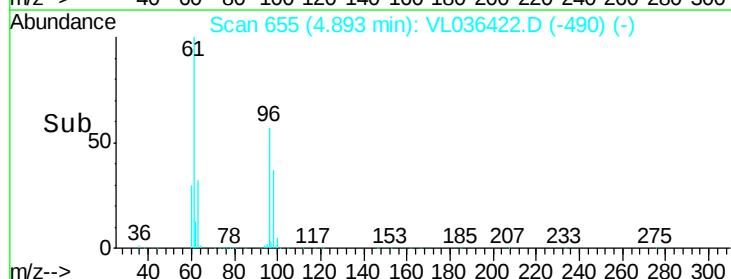
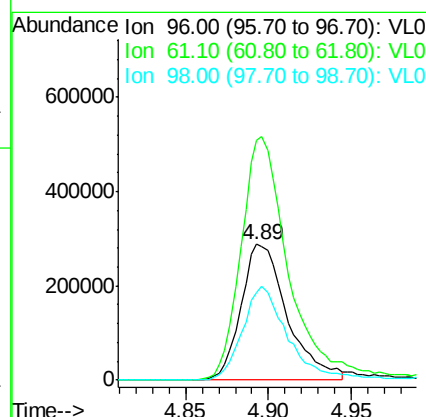
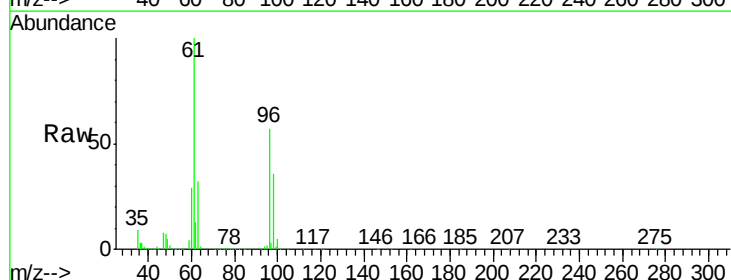
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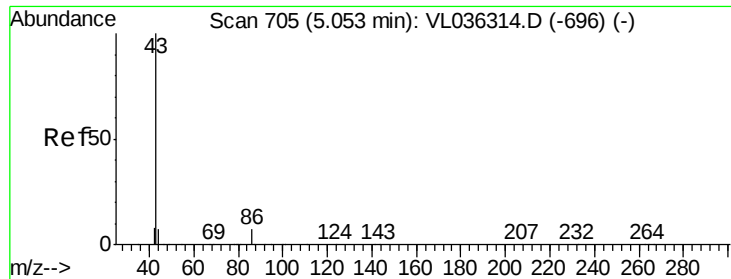
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#22
 trans-1,2-Dichloroethene
 Concen: 8.824 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 96 Resp: 559556
 Ion Ratio Lower Upper
 96 100
 61 176.2 143.7 215.5
 98 64.1 48.5 72.7





#23
 Vinyl Acetate
 Concen: 8.807 ppbv
 RT: 5.09 min Scan# 715
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

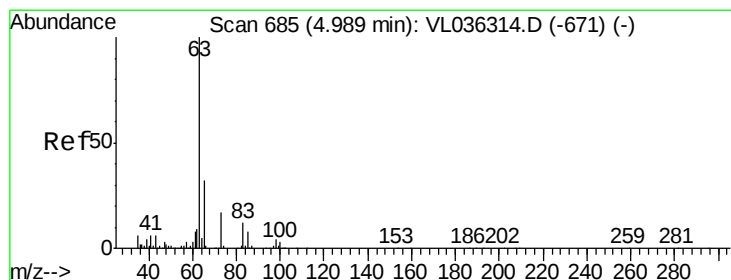
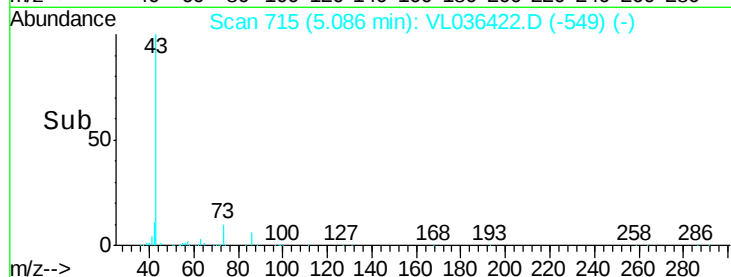
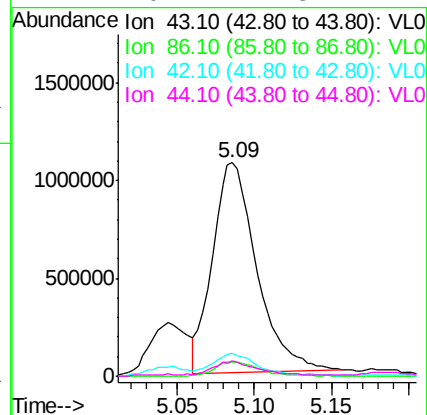
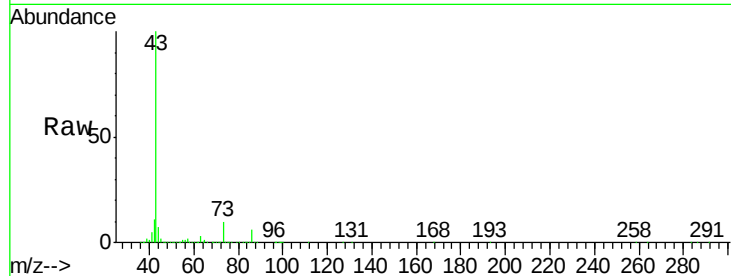
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 2148039

Ion	Ratio	Lower	Upper
43	100		
86	6.5	4.8	7.2
42	10.7	7.4	11.0
44	6.4	4.8	7.2

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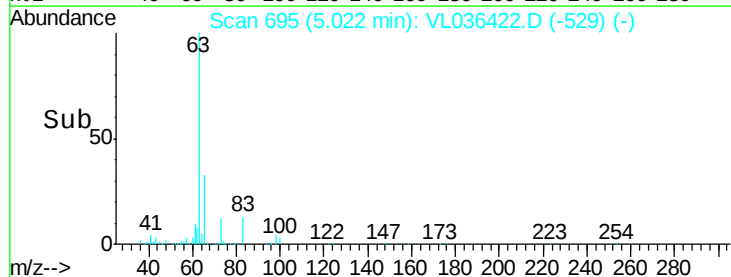
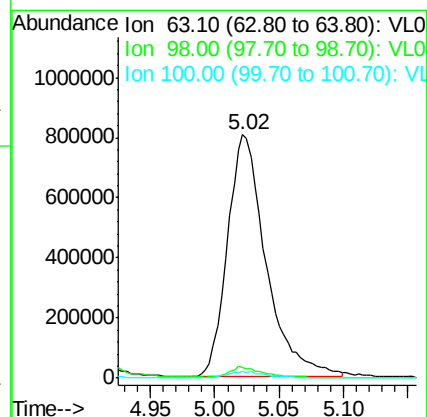
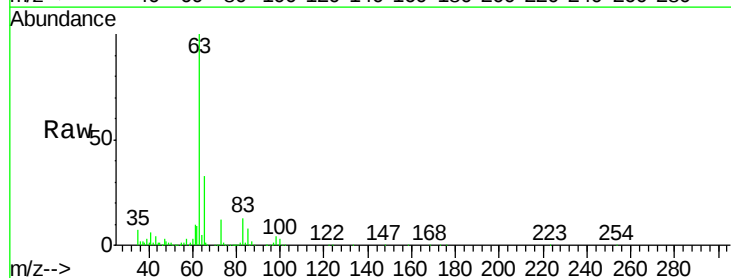
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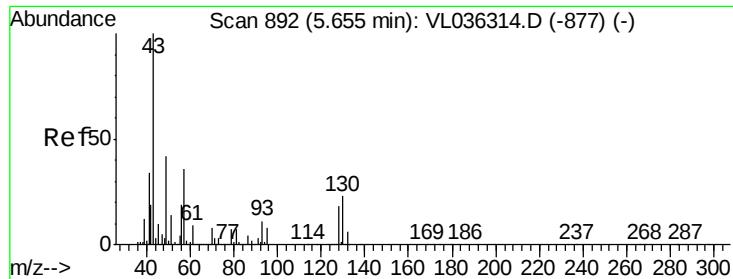


#24
 1,1-Dichloroethane
 Concen: 9.298 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 63 Resp: 1677135

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.0	6.0
100	2.8	1.5	4.4





#25
Ethyl Acetate
Concen: 8.838 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

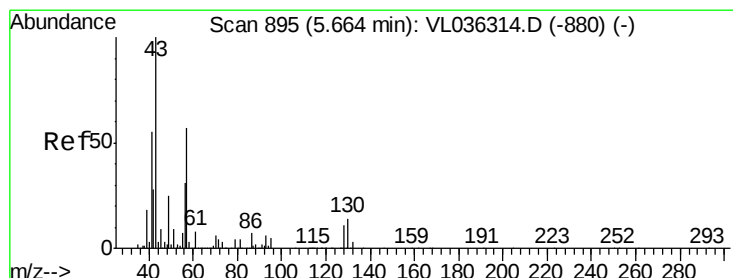
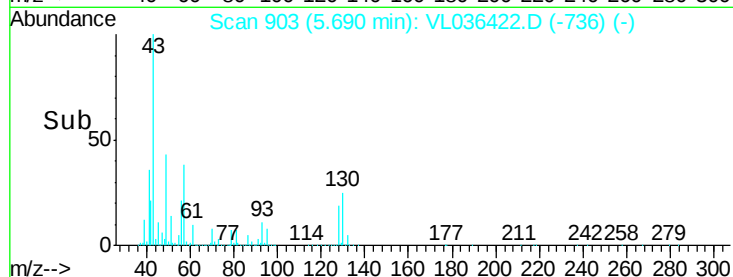
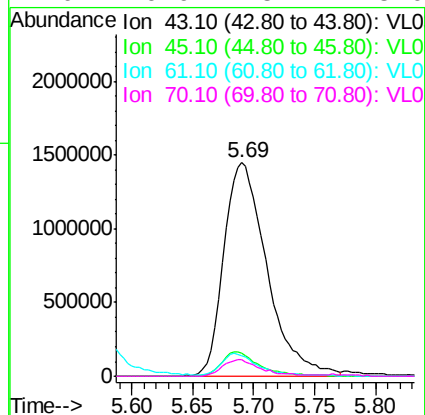
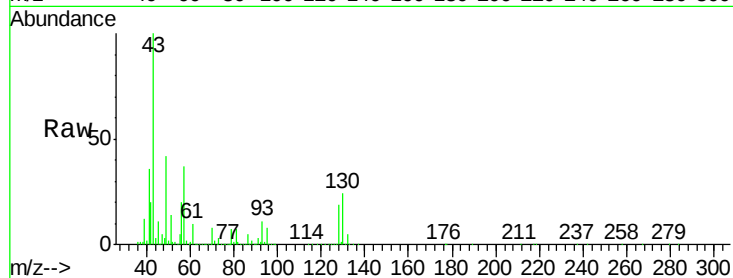
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 3539087

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.3	12.5
61	9.9	7.3	10.9
70	6.9	5.4	8.0

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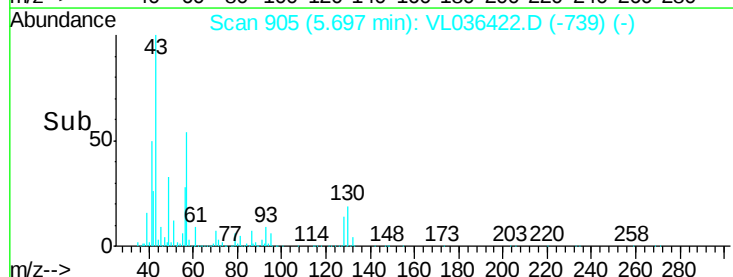
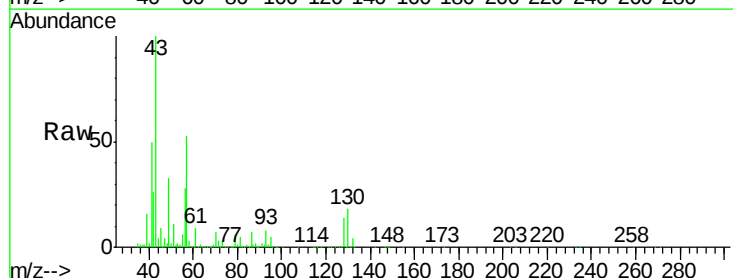
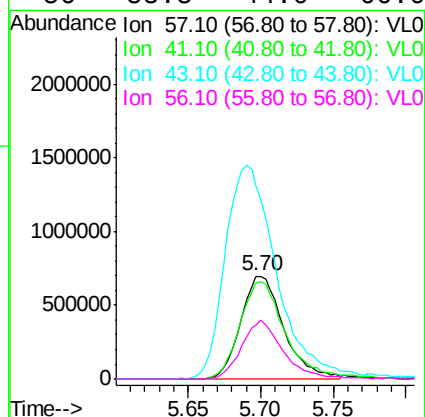
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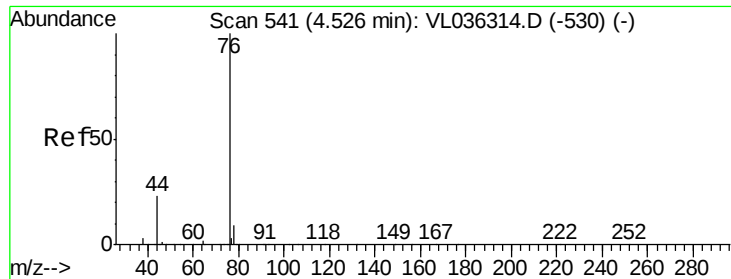


#26
Hexane
Concen: 8.744 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 57 Resp: 1438602

Ion	Ratio	Lower	Upper
57	100		
41	101.3	81.7	122.5
43	252.2	199.1	298.7
56	55.8	44.0	66.0





#27

Carbon Disulfide

Concen: 10.004 ppbv

RT: 4.56 min Scan# 551

Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

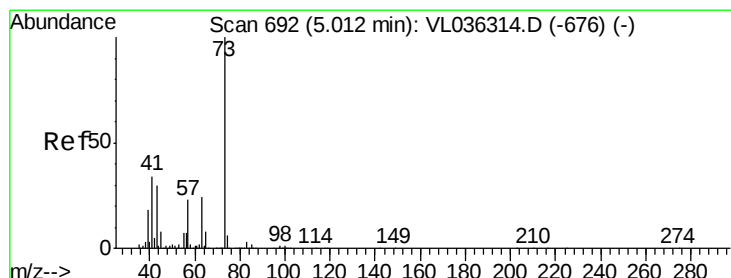
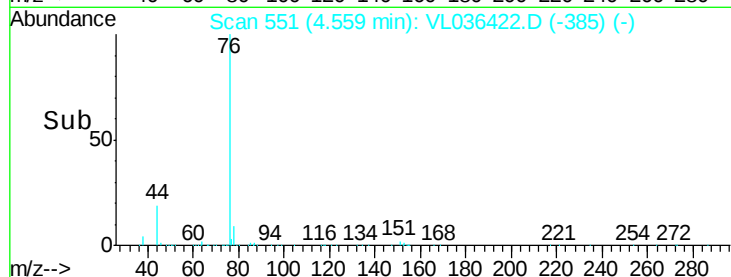
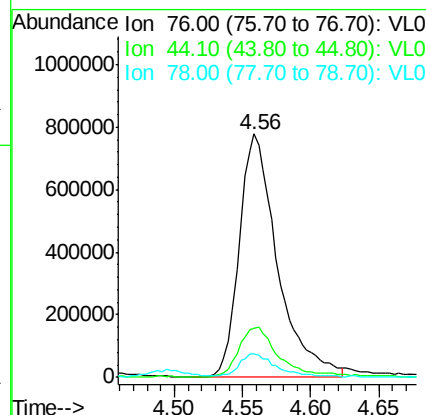
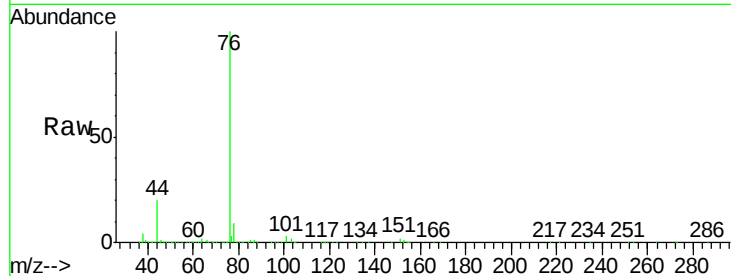
ClientSampleId :

VSTDCCC010EC

Tgt Ion:	76	Resp:	1512717
Ion	Ratio	Lower	Upper
76	100		
44	21.1	18.4	27.6
78	9.7	8.0	12.0

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 9.224 ppbv

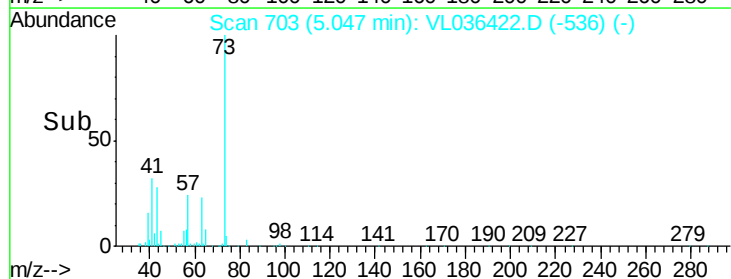
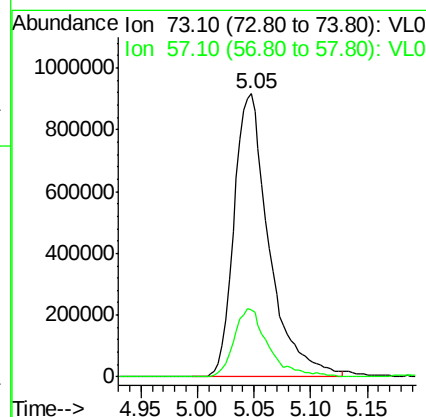
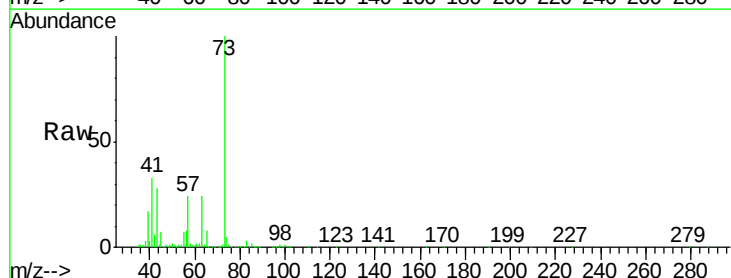
RT: 5.05 min Scan# 703

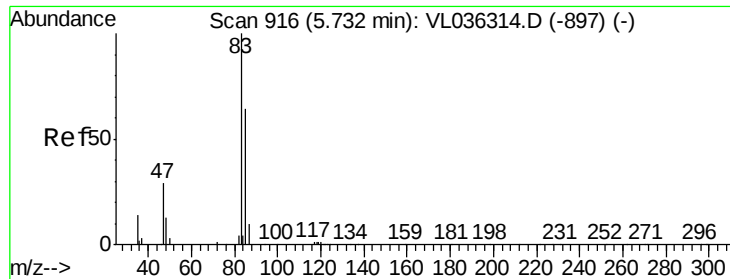
Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Tgt Ion:	73	Resp:	1982664
Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.2	28.8





#29

Chloroform

Concen: 8.797 ppbv

RT: 5.77 min Scan# 927

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 2331812

Ion Ratio Lower Upper

83 100

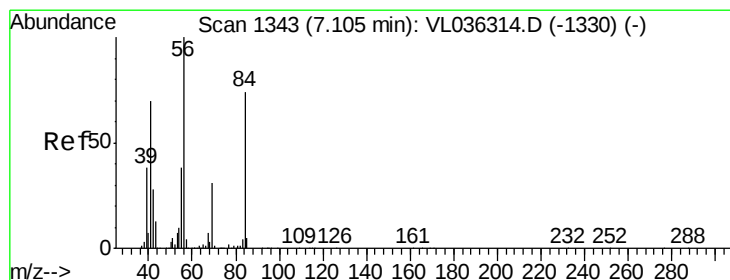
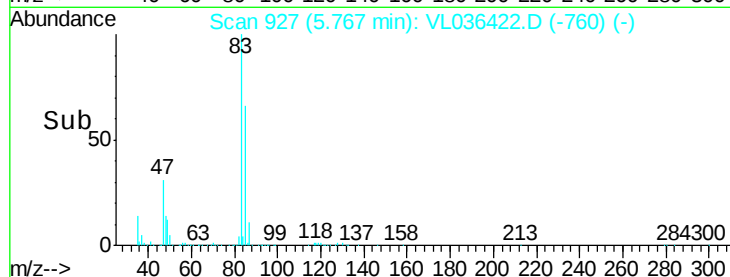
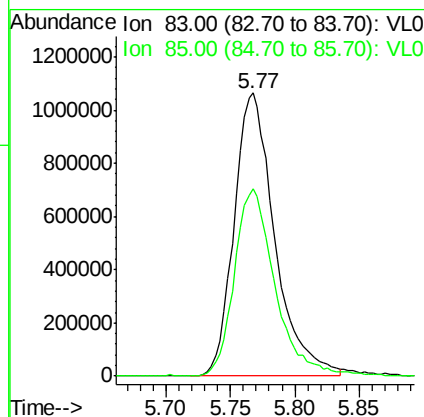
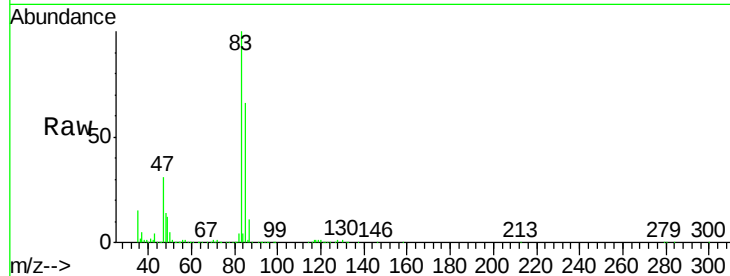
85 66.0 51.4 77.2

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#30

Cyclohexane

Concen: 8.815 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

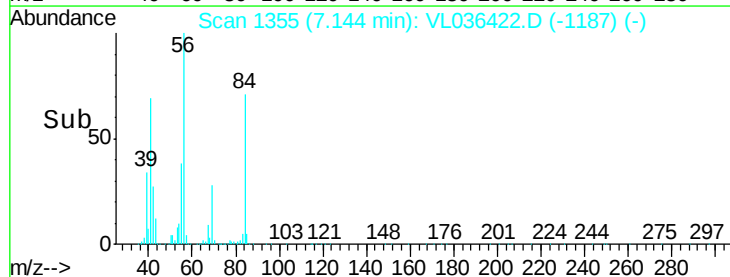
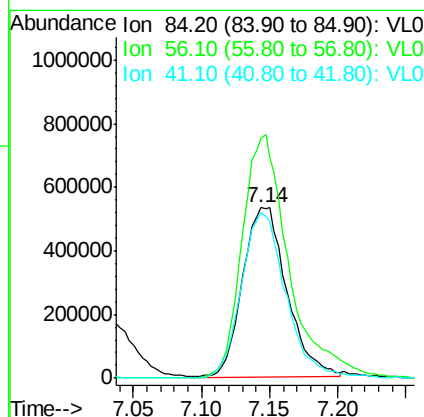
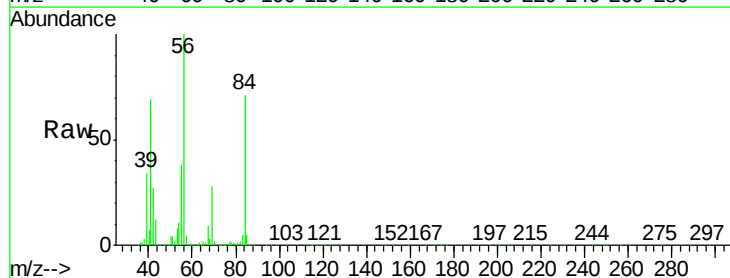
Tgt Ion: 84 Resp: 1206243

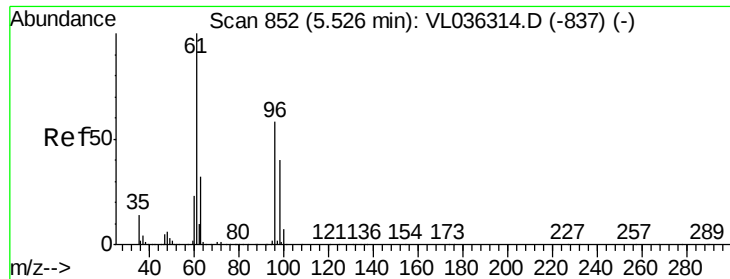
Ion Ratio Lower Upper

84 100

56 152.4 120.2 180.4

41 98.8 79.7 119.5





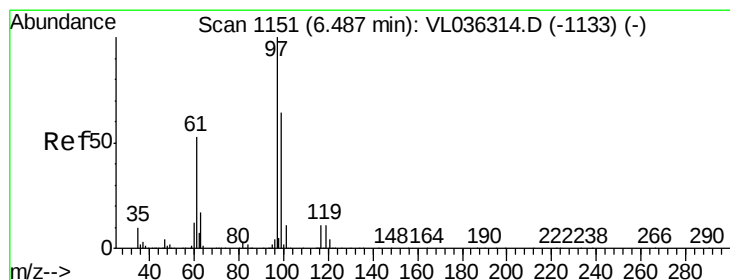
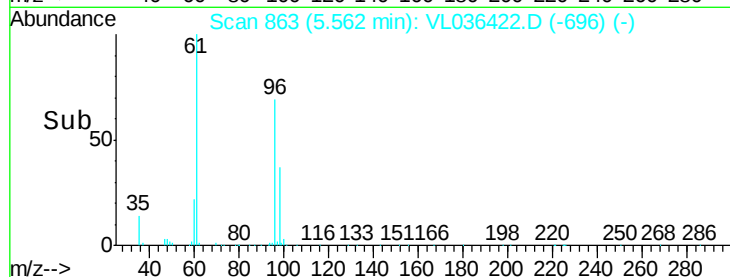
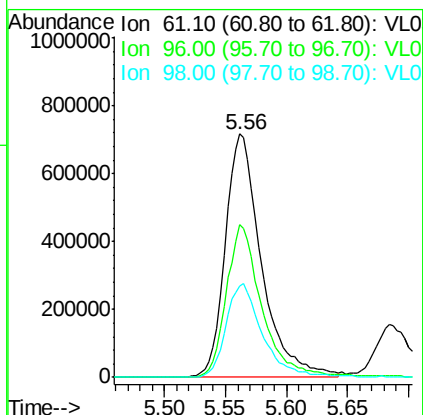
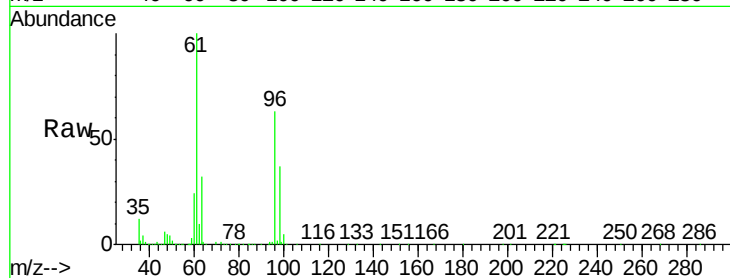
#31
 cis-1,2-Dichloroethene
 Concen: 9.079 ppbv
 RT: 5.56 min Scan# 863
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 1478122
 Ion Ratio Lower Upper
 61 100
 96 62.6 46.0 69.0
 98 37.5 31.9 47.9

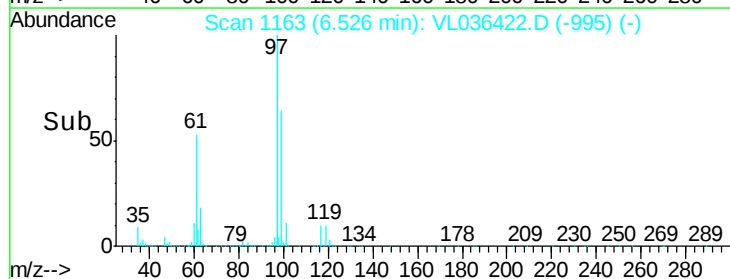
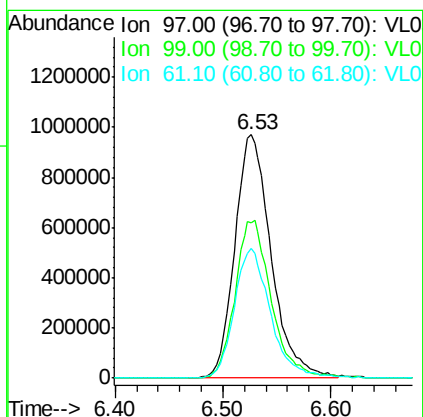
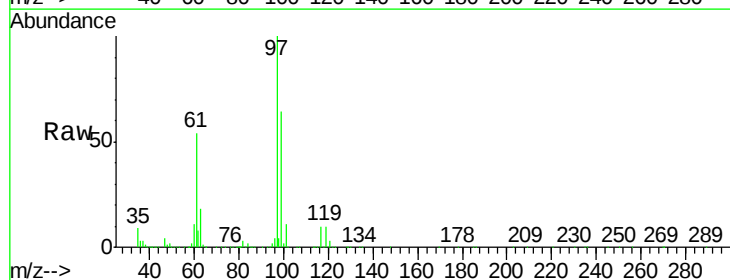
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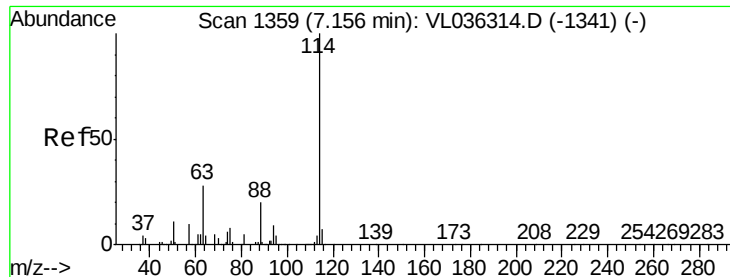
MMDadoda
 3/2/2021 3:30:39 PM



#32
 1,1,1-Trichloroethane
 Concen: 9.177 ppbv
 RT: 6.53 min Scan# 1163
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 97 Resp: 2274162
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.2 78.4
 61 53.1 43.3 64.9





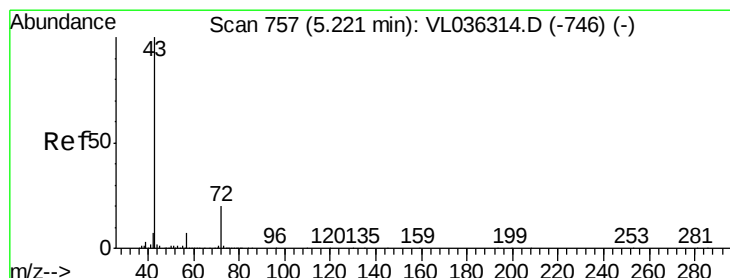
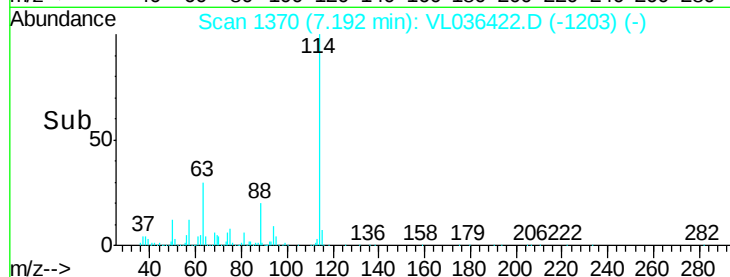
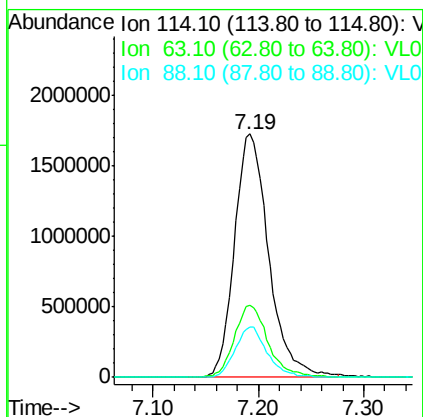
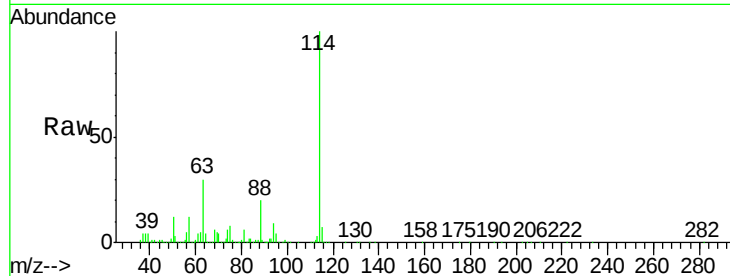
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 114 Resp: 3880684
 Ion Ratio Lower Upper
 114 100
 63 29.7 24.1 36.1
 88 19.8 16.0 24.0

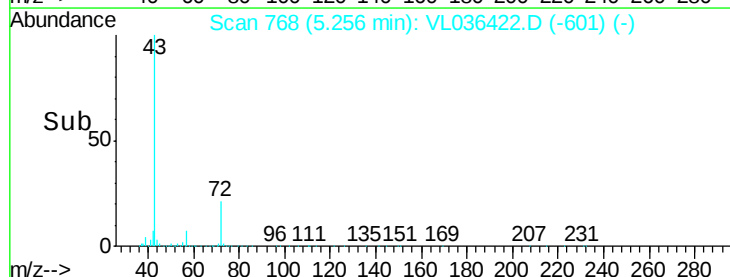
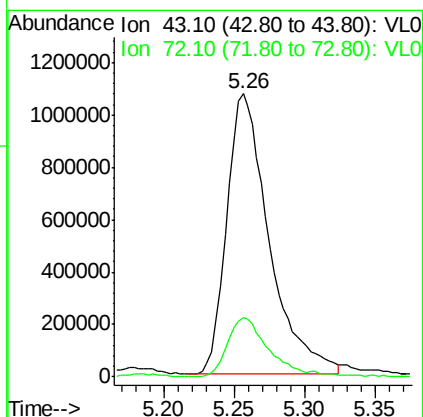
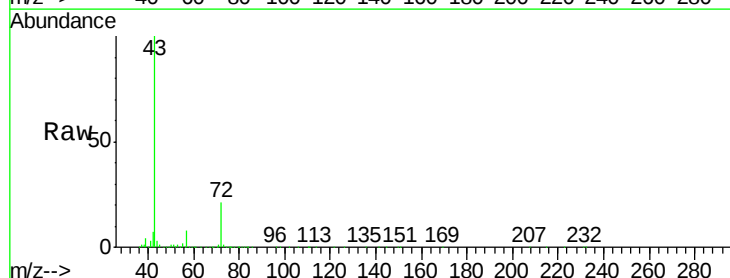
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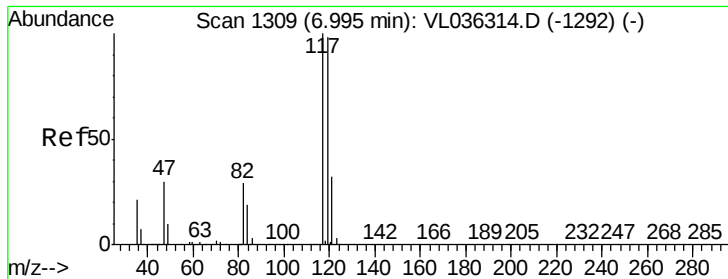
MMDadoda
 3/2/2021 3:30:39 PM



#34
 2-Butanone
 Concen: 8.734 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 43 Resp: 2251967
 Ion Ratio Lower Upper
 43 100
 72 21.1 16.7 25.1





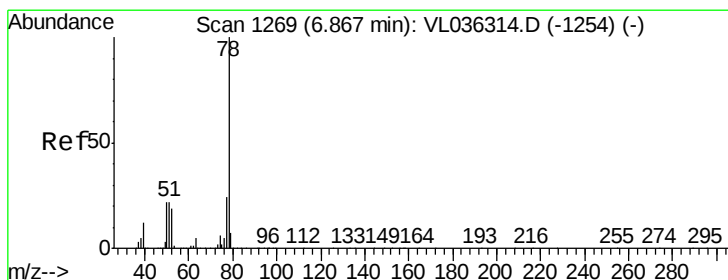
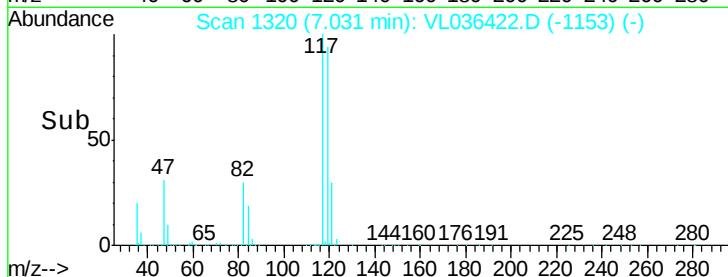
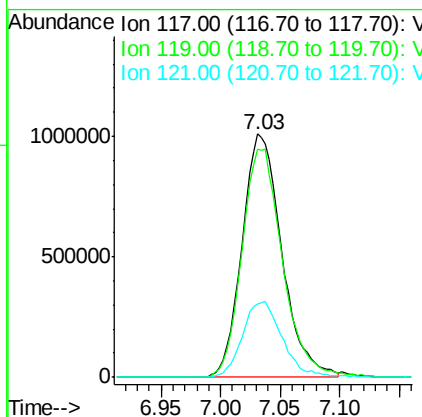
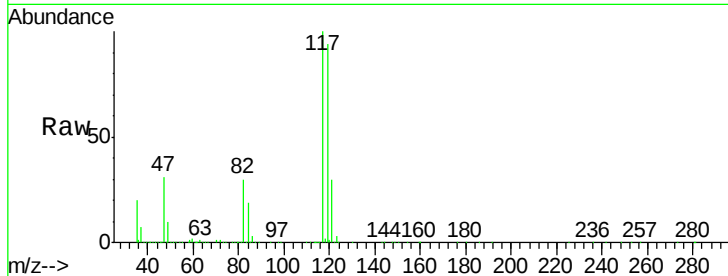
#35
Carbon Tetrachloride
Concen: 8.970 ppbv
RT: 7.03 min Scan# 1320
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 117 Resp: 2333050
Ion Ratio Lower Upper
117 100
119 93.9 78.1 117.1
121 30.1 25.8 38.8

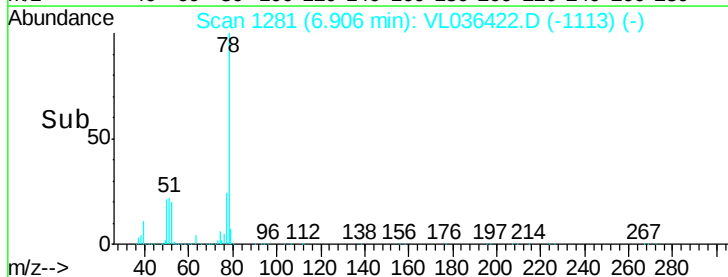
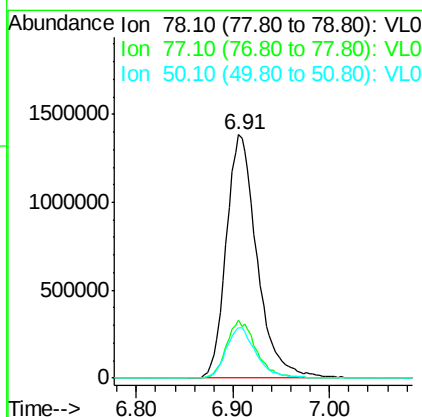
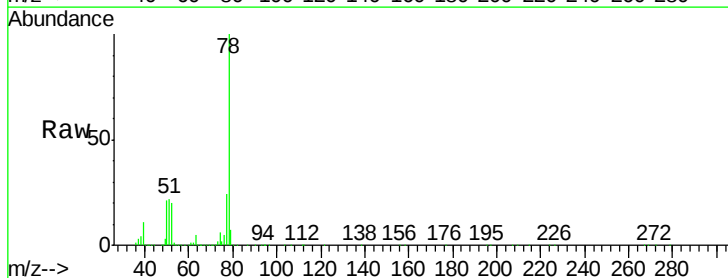
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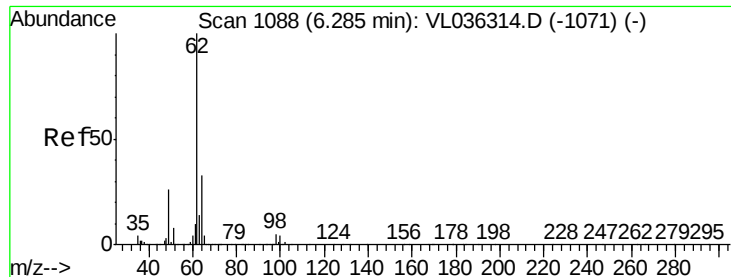
MMDadoda
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#36
Benzene
Concen: 9.272 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 78 Resp: 3056383
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
50 20.6 17.3 25.9





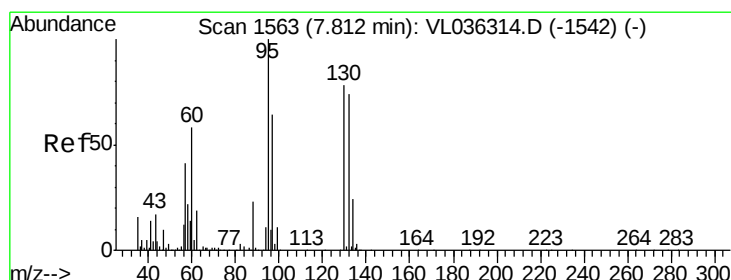
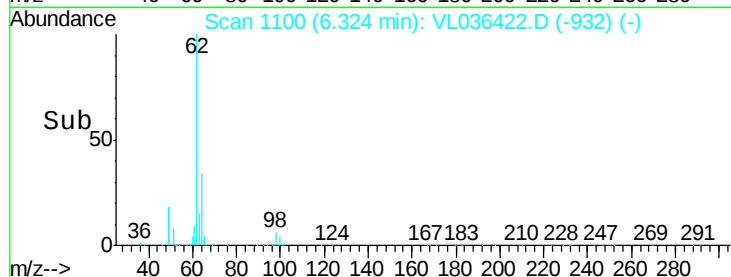
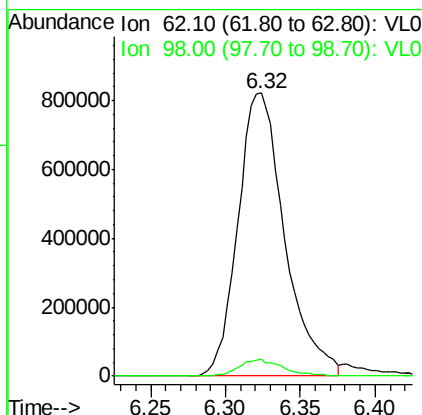
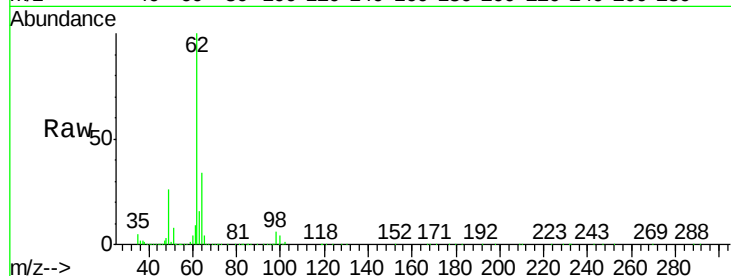
#37
1,2-Dichloroethane
Concen: 8.742 ppbv
RT: 6.32 min Scan# 1100
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1781838
Ion Ratio Lower Upper
62 100
98 5.8 4.5 6.7

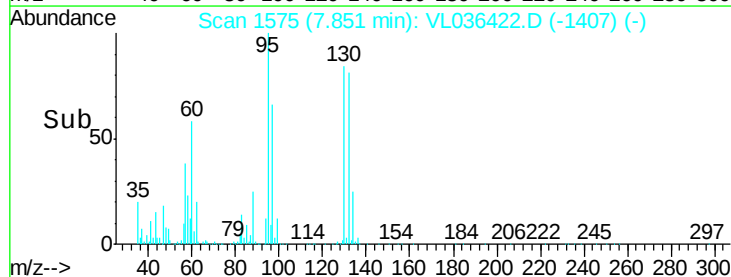
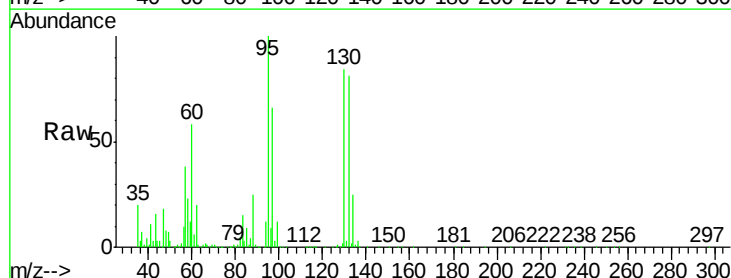
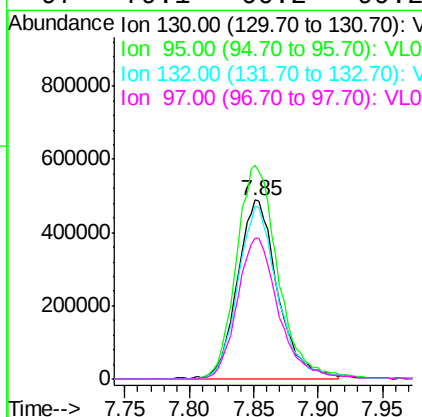
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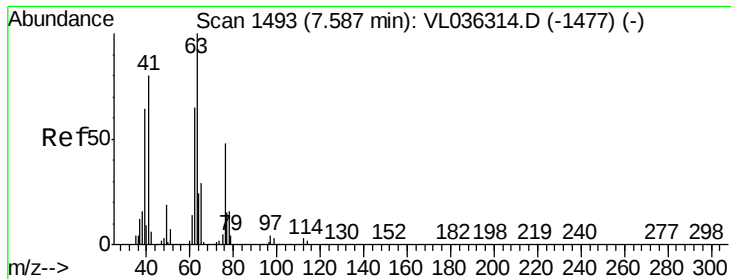
MMDadoda
3/2/2021 3:30:39 PM



#38
Trichloroethene
Concen: 8.899 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 130 Resp: 1050883
Ion Ratio Lower Upper
130 100
95 119.9 102.8 154.2
132 96.5 75.7 113.5
97 79.1 66.2 99.2





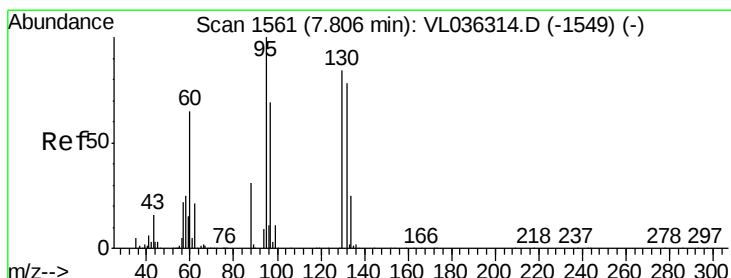
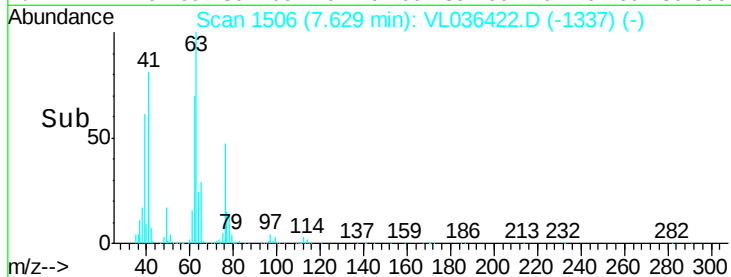
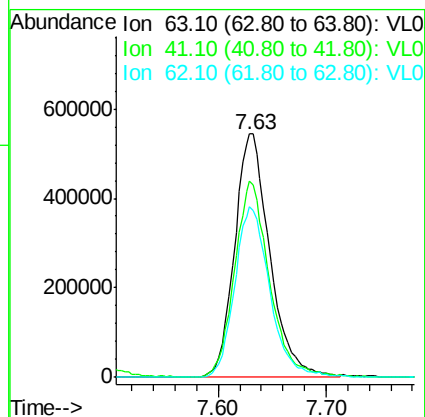
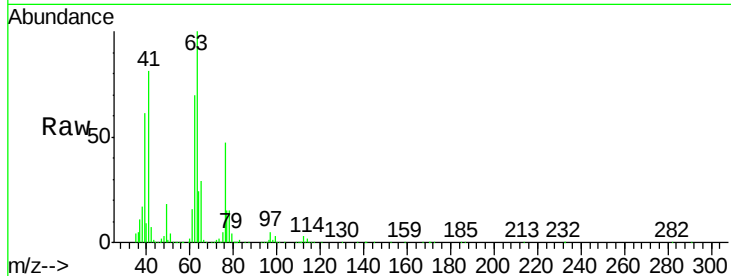
#39
 1,2-Dichloropropane
 Concen: 9.230 ppbv
 RT: 7.63 min Scan# 1506
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
63	100		
41	80.7	63.8	95.6
62	70.3	52.3	78.5

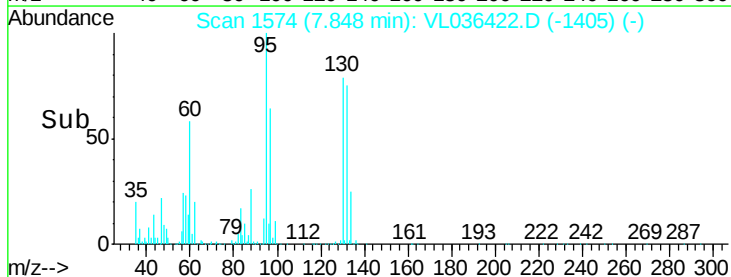
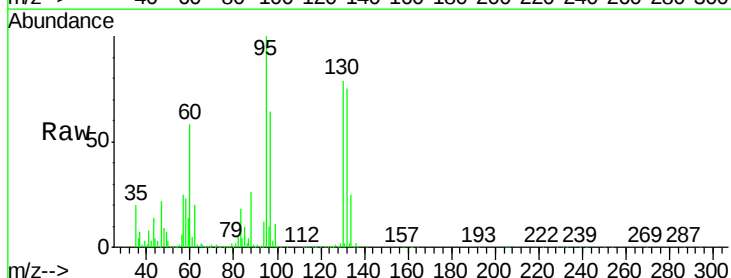
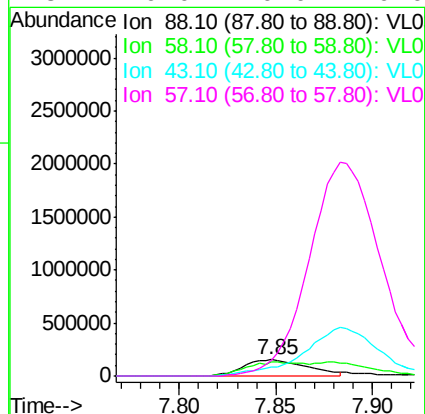
Manual Integrations
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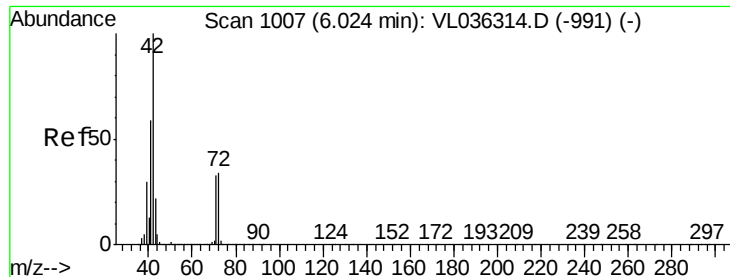
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#40
 1,4-Dioxane
 Concen: 7.469 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	45.0	67.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 9.372 ppbv

RT: 6.06 min Scan# 1018

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 1348575

Ion Ratio Lower Upper

42 100

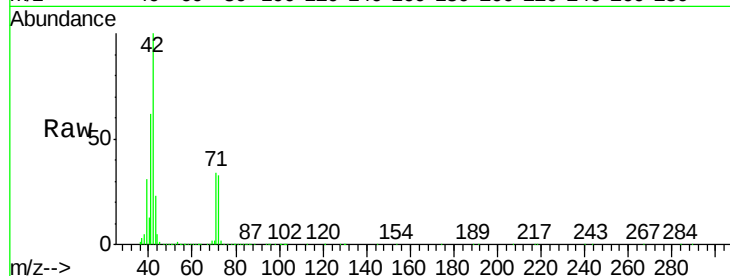
72 34.9 29.3 43.9

71 34.2 27.8 41.8

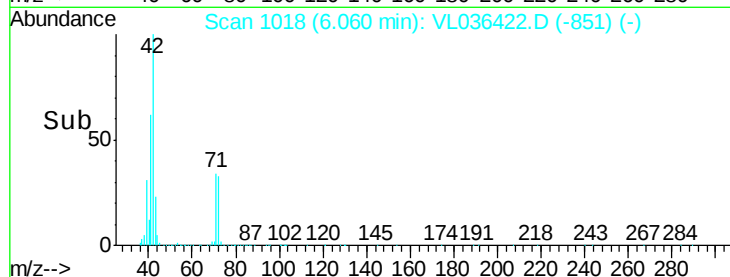
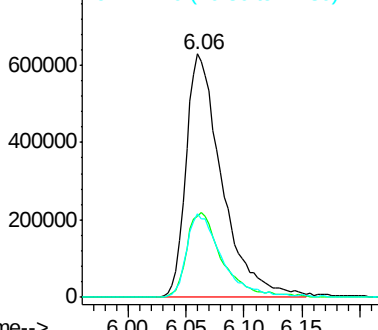
Manual Integrations
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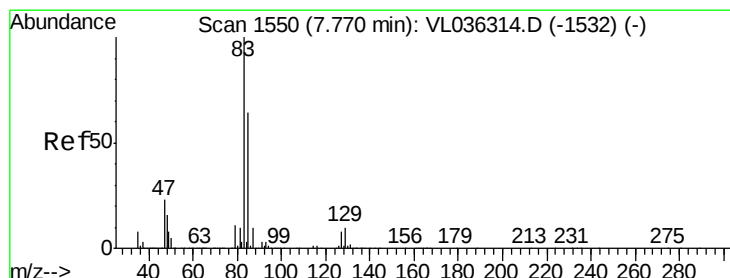
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Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



Time-->



#42

Bromodichloromethane

Concen: 9.222 ppbv

RT: 7.81 min Scan# 1562

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

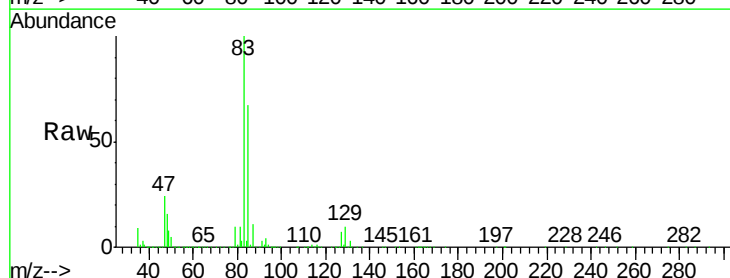
Tgt Ion: 83 Resp: 2517378

Ion Ratio Lower Upper

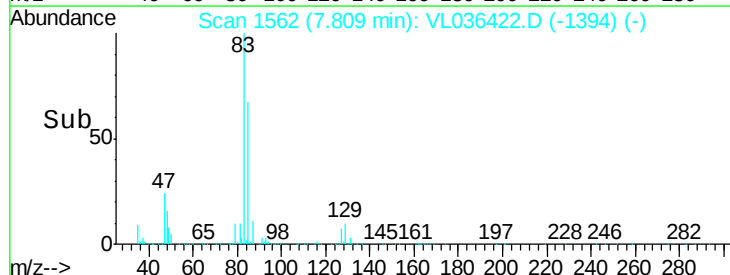
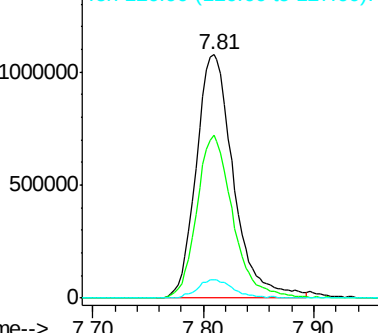
83 100

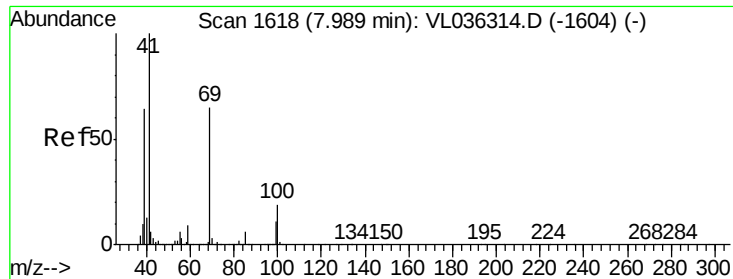
85 66.9 51.1 76.7

127 7.3 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





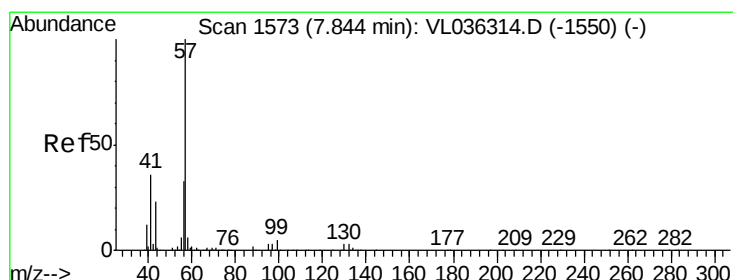
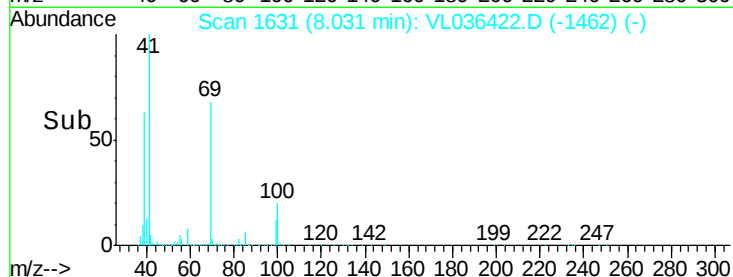
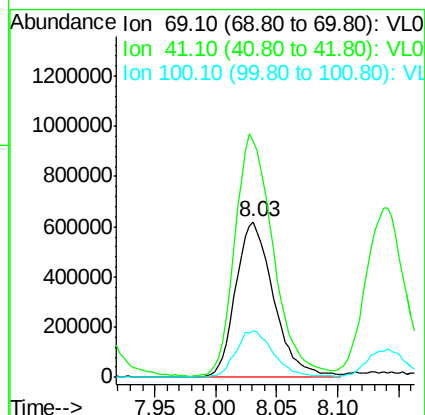
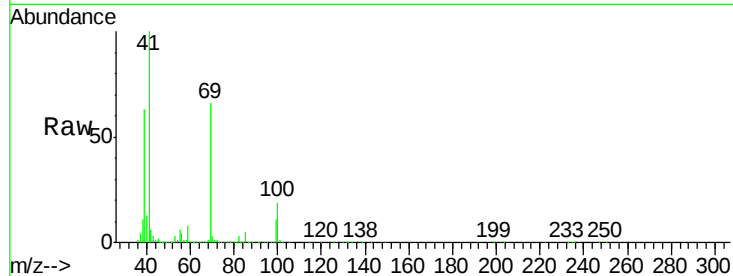
#43
Methyl Methacrylate
Concen: 9.648 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1341341
Ion Ratio Lower Upper
69 100
41 158.4 126.5 189.7
100 30.2 23.1 34.7

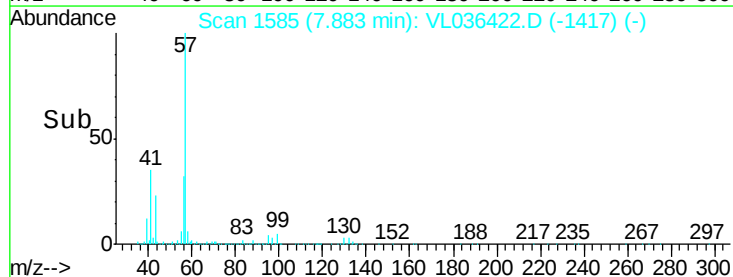
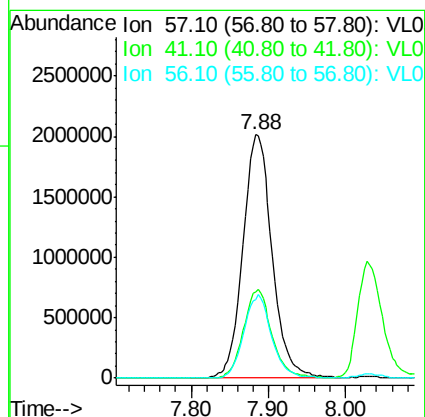
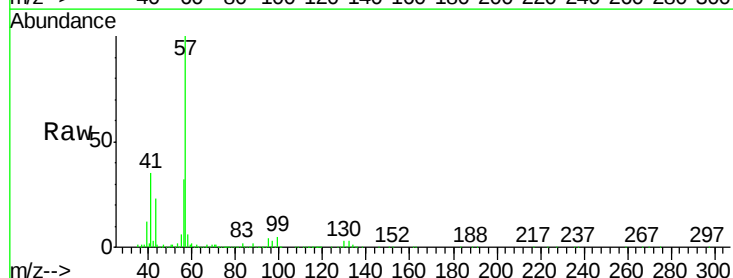
Manual Integrations
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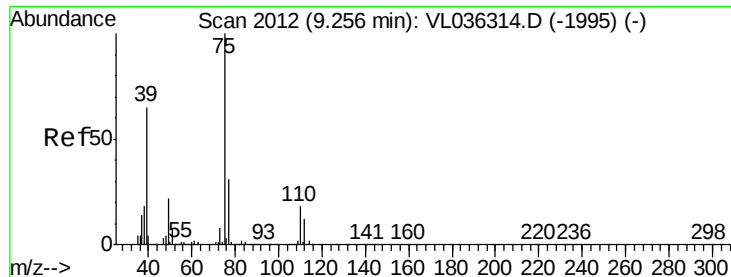
MMDadoda
3/2/2021 3:30:39 PM



#44
2,2,4-Trimethylpentane
Concen: 8.827 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 57 Resp: 5290878
Ion Ratio Lower Upper
57 100
41 35.1 28.8 43.2
56 32.6 25.8 38.6





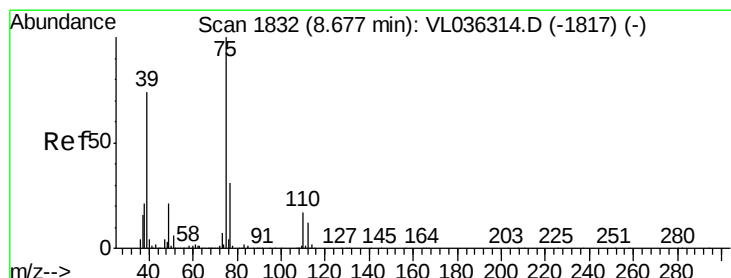
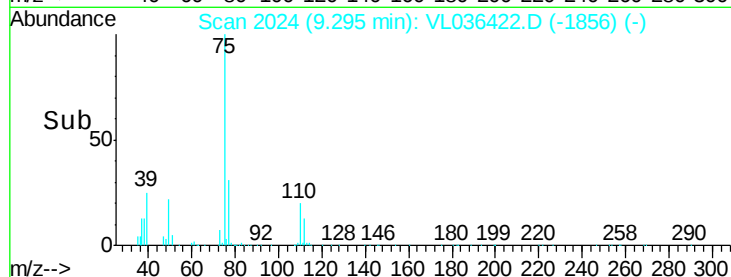
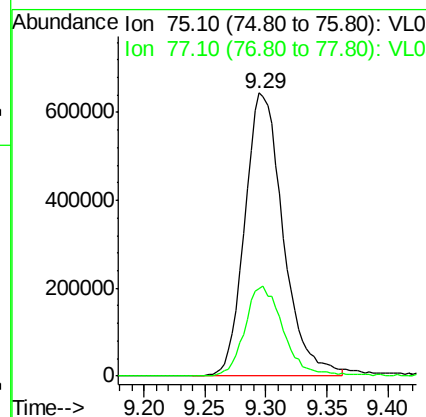
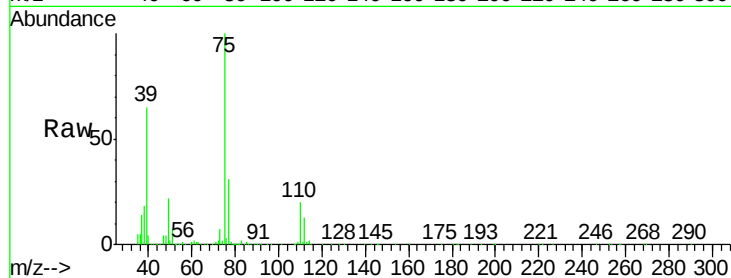
#45
t-1,3-Dichloropropene
Concen: 10.422 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1397681
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0

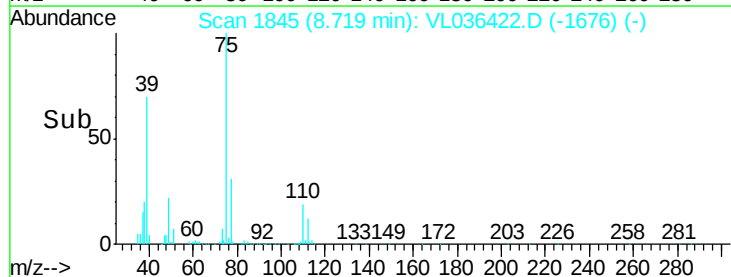
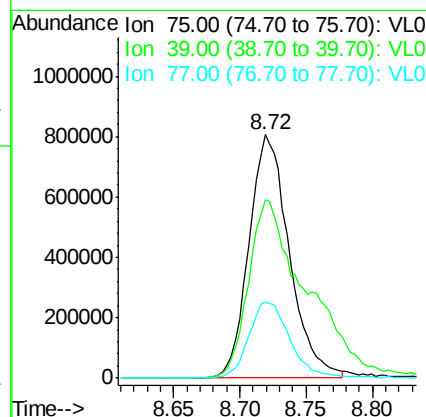
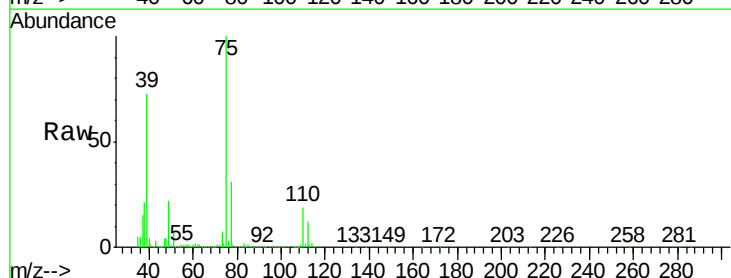
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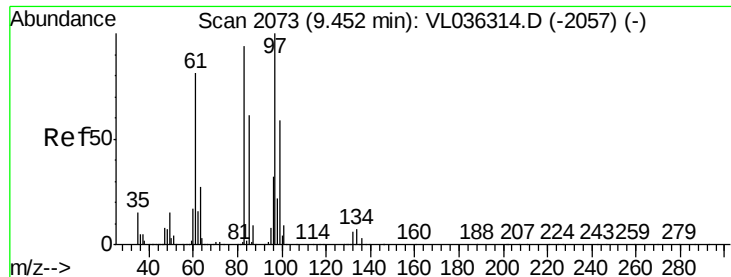
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 10.020 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 75 Resp: 1707039
Ion Ratio Lower Upper
75 100
39 73.0 59.2 88.8
77 31.0 25.0 37.6





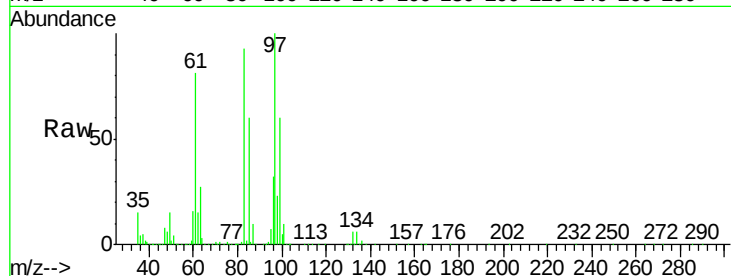
#47
1,1,2-Trichloroethane
Concen: 8.673 ppbv
RT: 9.50 min Scan# 2087
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.7	75.4	113.0
85	59.8	48.9	73.3
99	59.9	46.9	70.3

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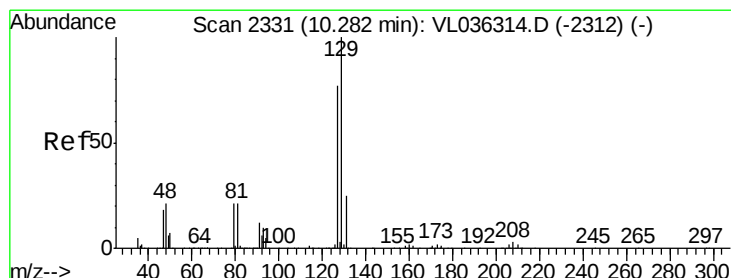
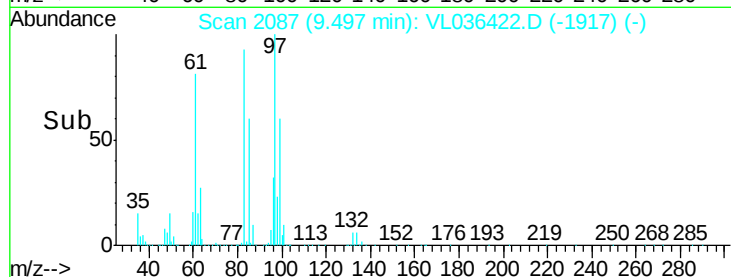
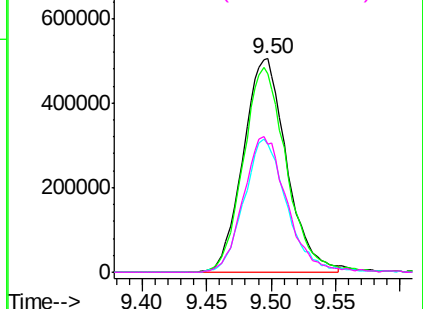
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

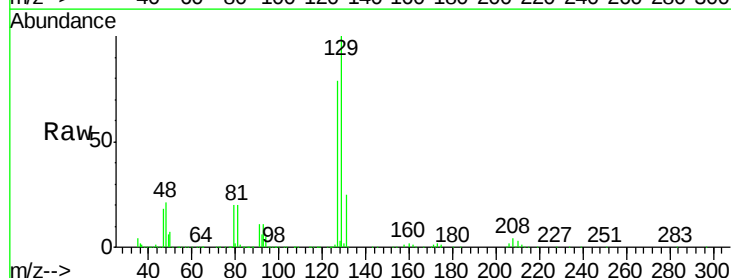
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48
Dibromochloromethane
Concen: 9.601 ppbv
RT: 10.32 min Scan# 2344
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

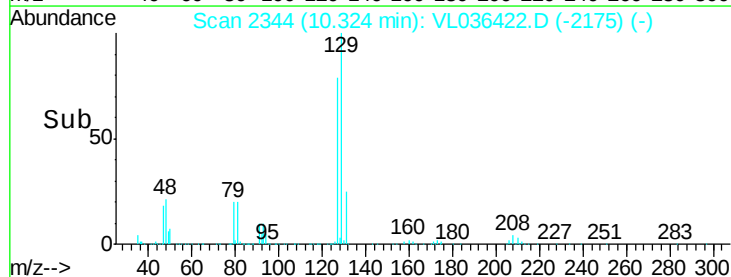
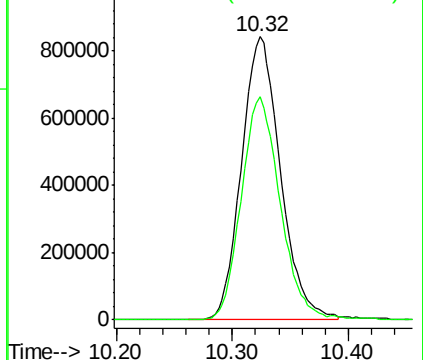
Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.1	117.2

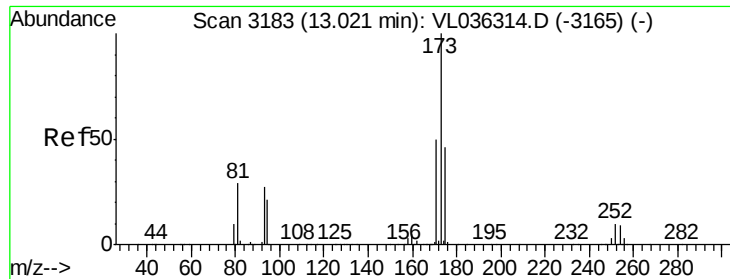


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.567 ppbv

RT: 13.06 min Scan# 3196

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1581535

Ion Ratio Lower Upper

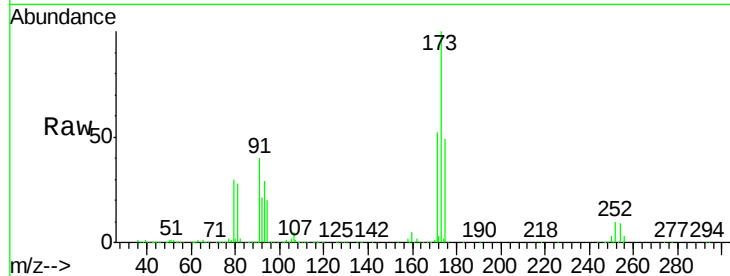
173 100

175 50.3 40.2 60.2

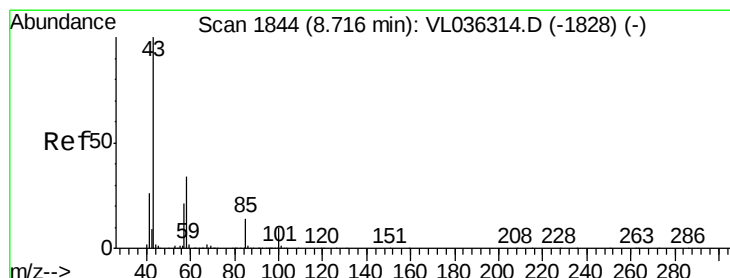
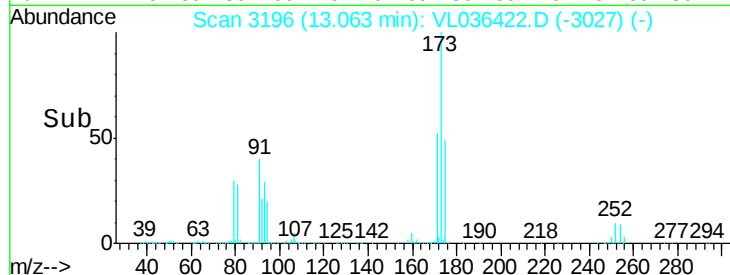
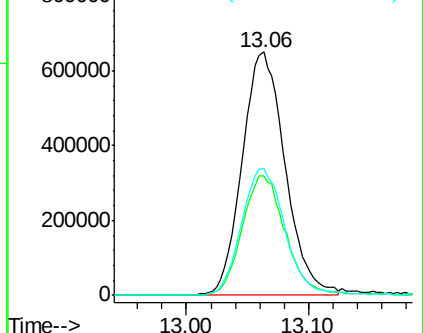
171 53.7 43.4 65.2

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



#50

4-Methyl-2-Pentanone

Concen: 9.159 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.04 min

Lab File: VL036422.D

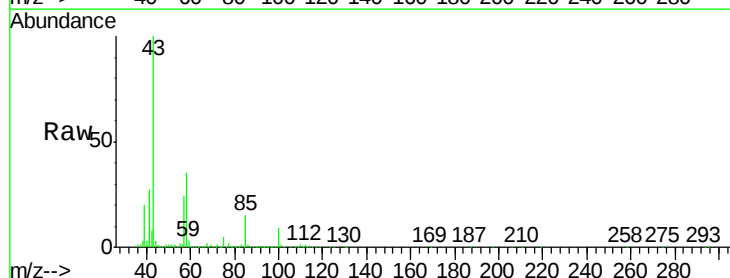
Acq: 1 Mar 2021 19:46

Tgt Ion: 43 Resp: 3505996

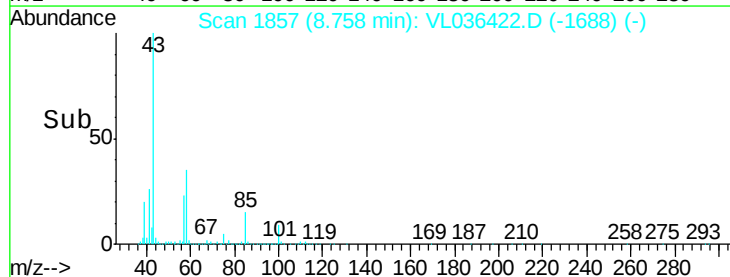
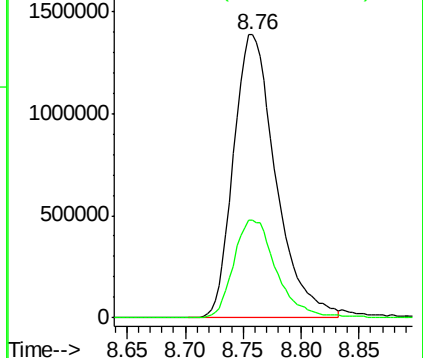
Ion Ratio Lower Upper

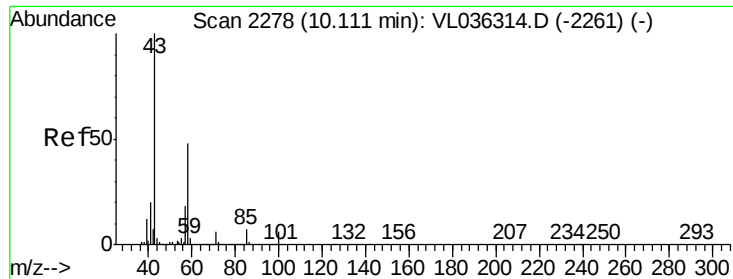
43 100

58 35.3 27.8 41.6



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





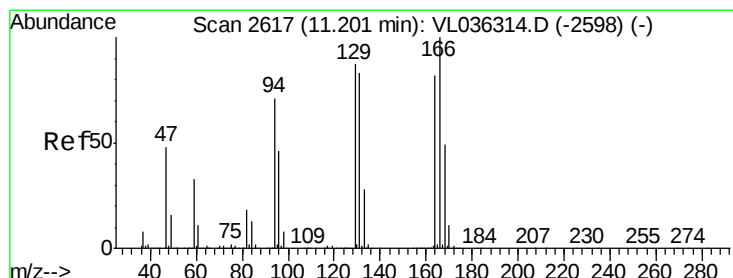
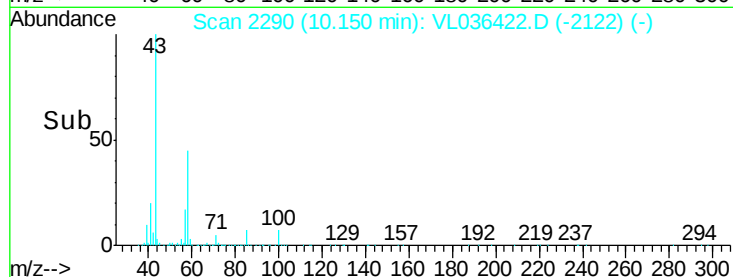
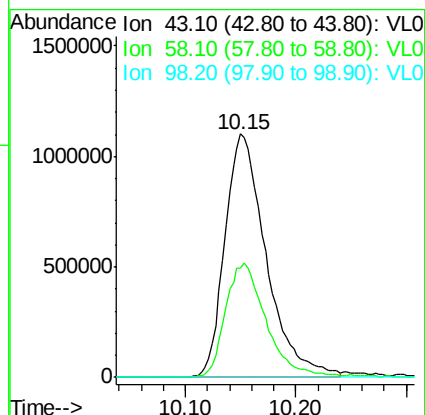
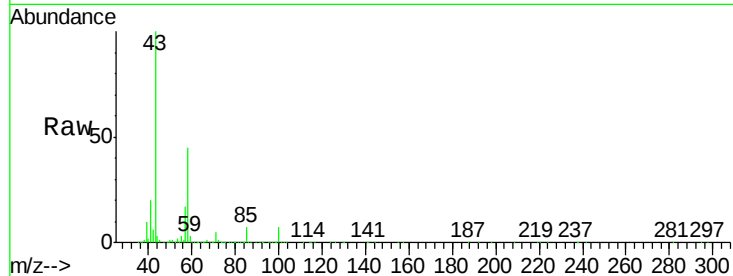
#51
2-Hexanone
Concen: 9.805 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.0	38.7	58.1
98	0.5	0.4	0.6

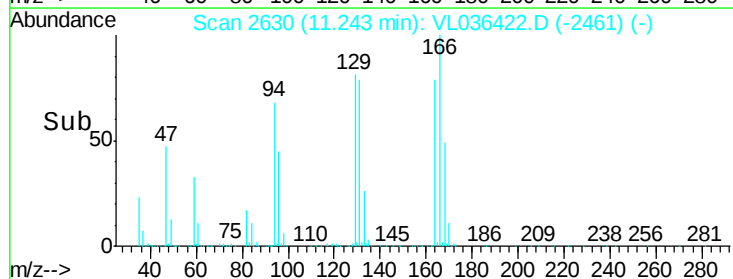
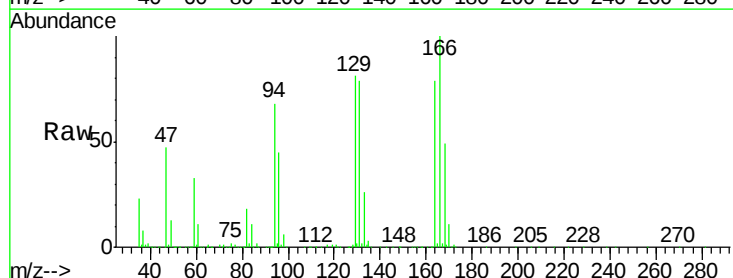
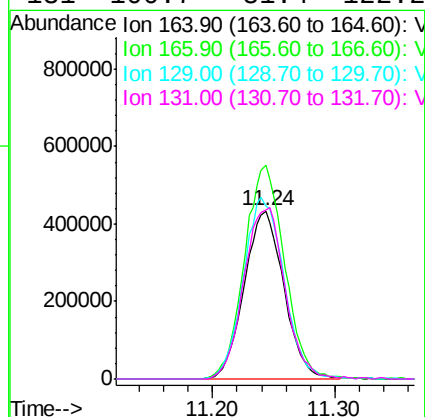
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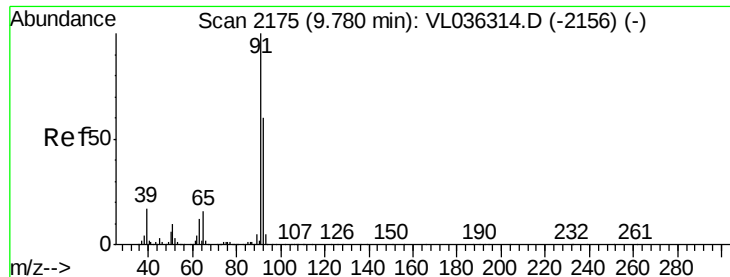
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#52
Tetrachloroethene
Concen: 8.029 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	97.8	146.8
129	102.5	84.9	127.3
131	100.7	81.4	122.2





#53

Toluene

Concen: 9.436 ppbv

RT: 9.83 min Scan# 2189

Delta R.T. 0.05 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 3369106

Ion Ratio Lower Upper

91 100

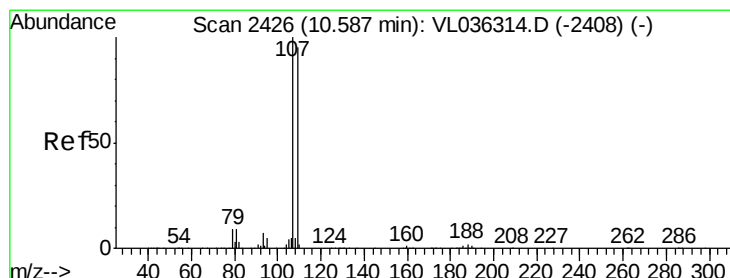
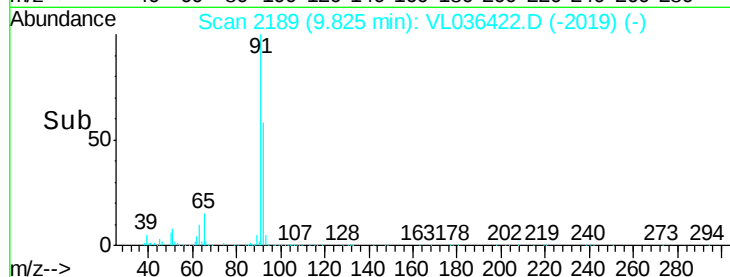
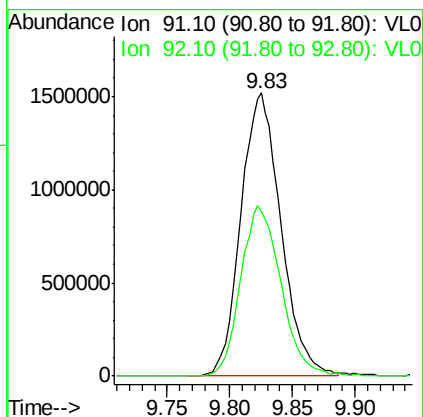
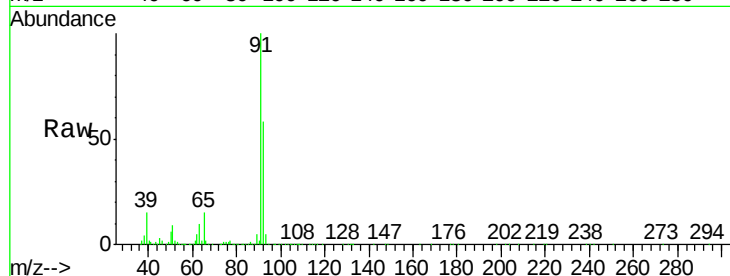
92 60.9 48.6 72.8

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#54

1,2-Dibromoethane

Concen: 8.869 ppbv

RT: 10.63 min Scan# 2440

Delta R.T. 0.05 min

Lab File: VL036422.D

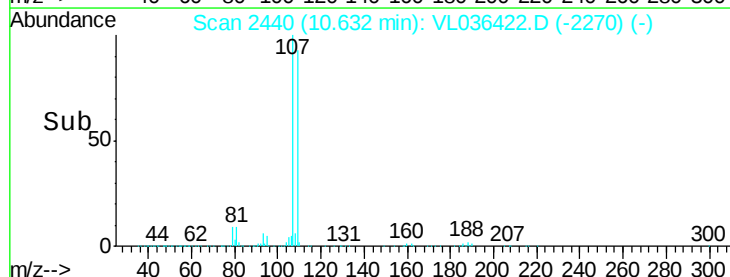
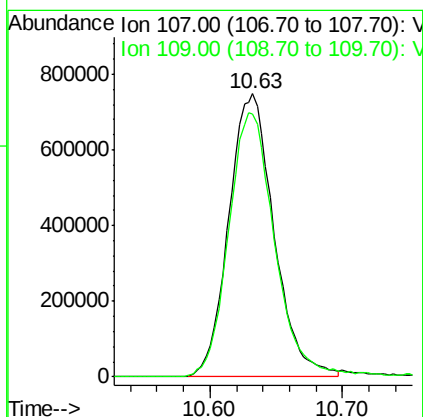
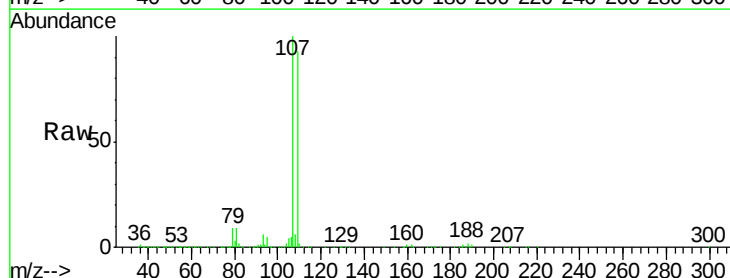
Acq: 1 Mar 2021 19:46

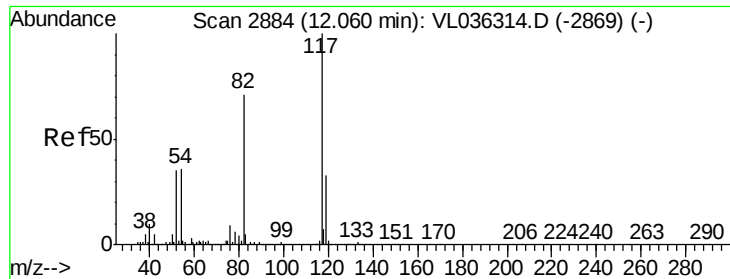
Tgt Ion: 107 Resp: 1756486

Ion Ratio Lower Upper

107 100

109 92.4 76.0 114.0





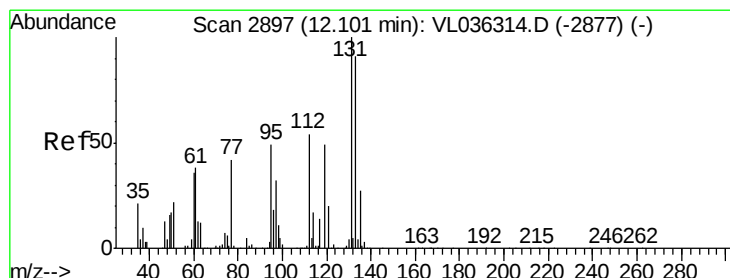
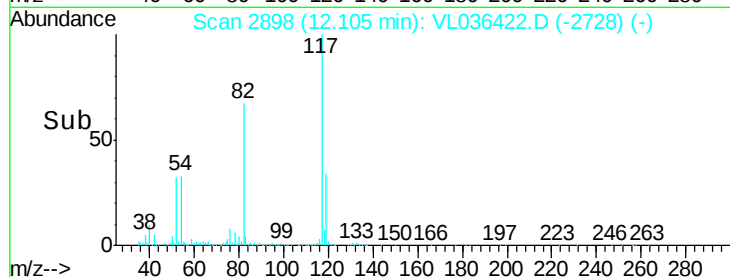
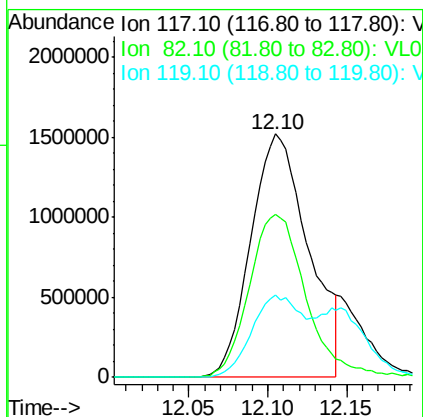
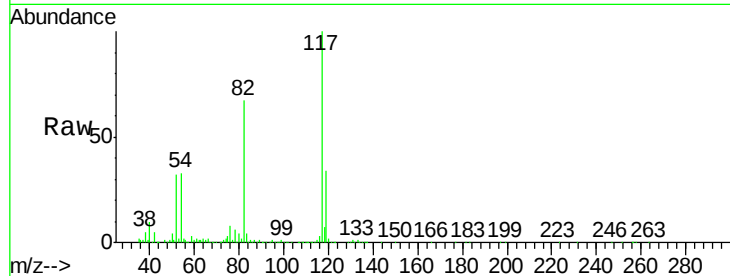
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10 min Scan# 2898
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 3853371
Ion Ratio Lower Upper
117 100
82 66.8 59.1 88.7
119 30.1 46.3 69.5#

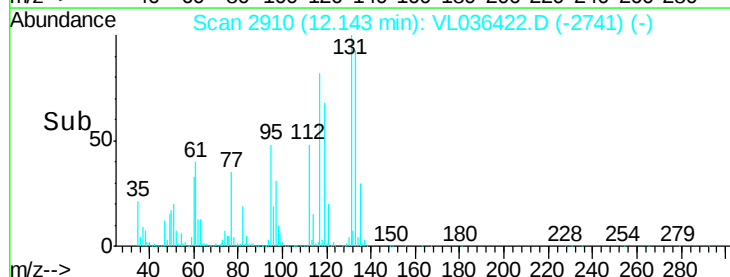
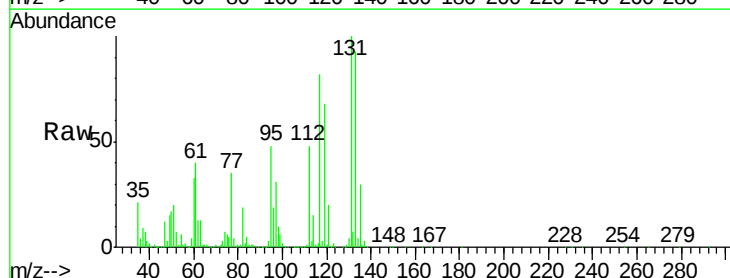
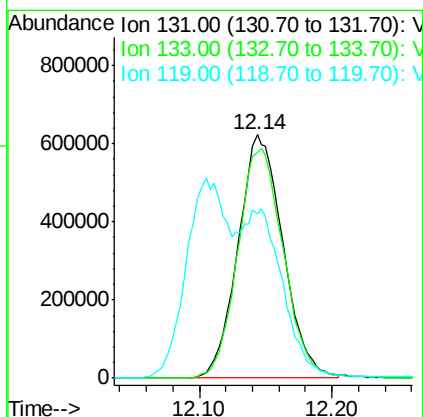
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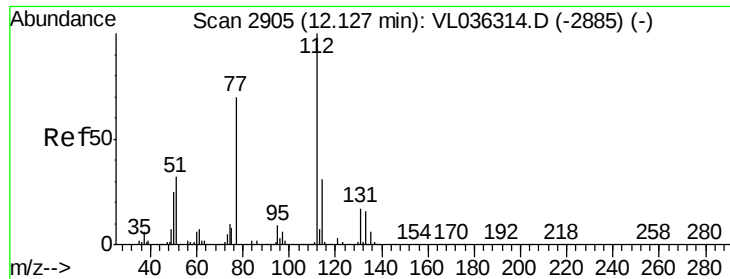
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#56
1,1,1,2-Tetrachloroethane
Concen: 8.257 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion:131 Resp: 1463375
Ion Ratio Lower Upper
131 100
133 96.7 76.0 114.0
119 64.7 115.1 172.7#





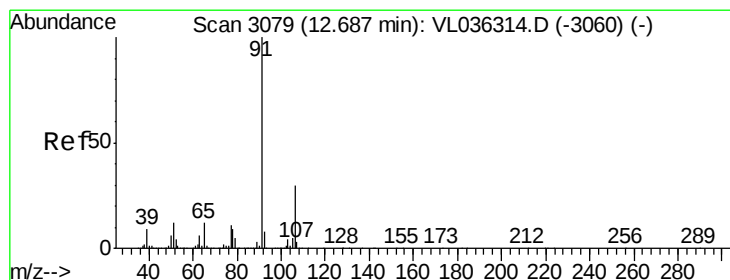
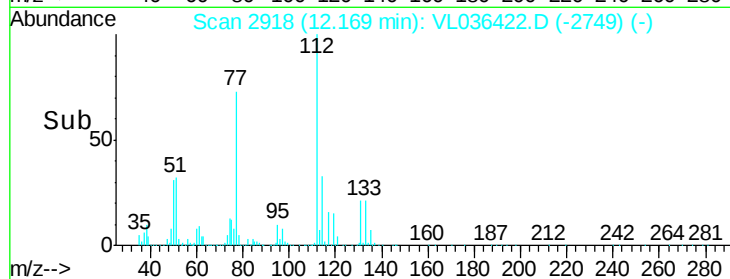
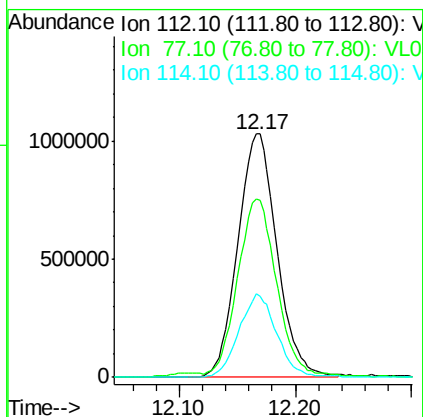
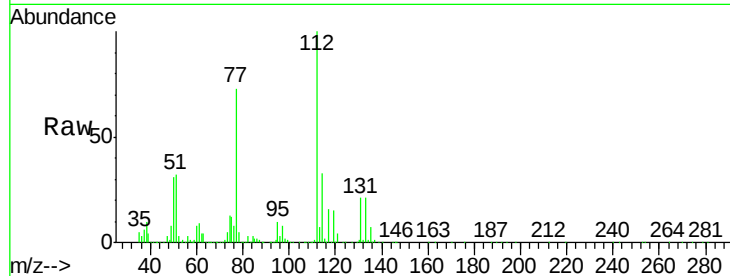
#57
Chlorobenzene
Concen: 8.102 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 112 Resp: 2412119
Ion Ratio Lower Upper
112 100
77 71.9 56.1 84.1
114 33.1 28.3 34.5

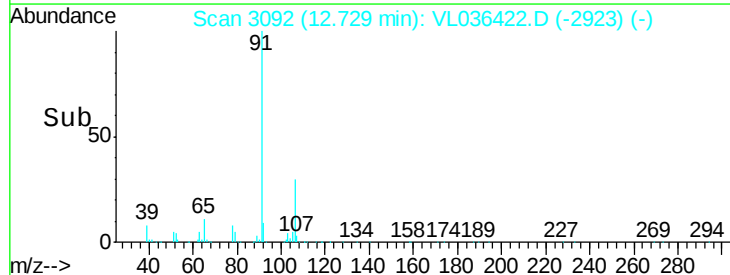
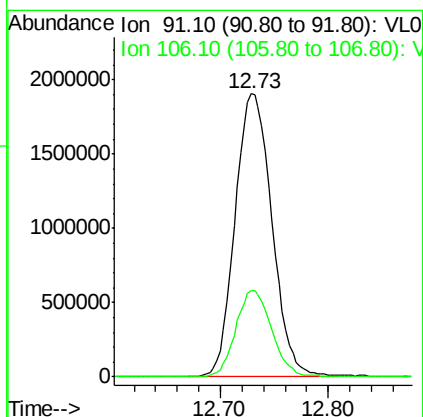
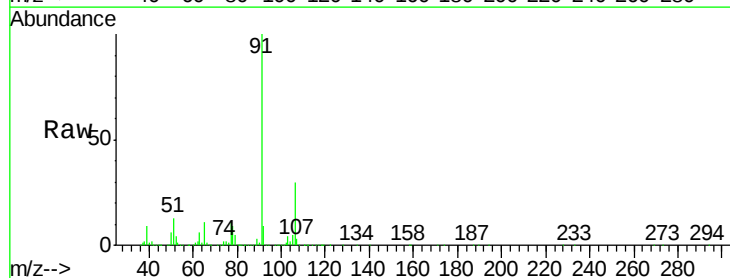
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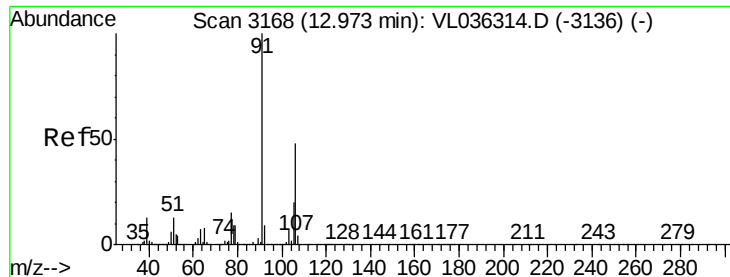
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#58
Ethyl Benzene
Concen: 8.597 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 91 Resp: 4536416
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6





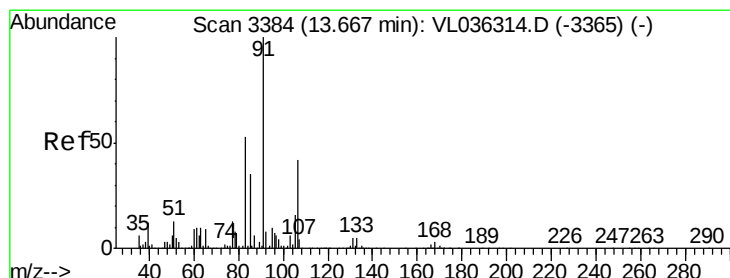
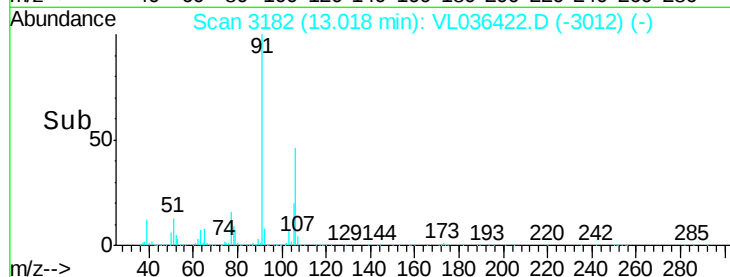
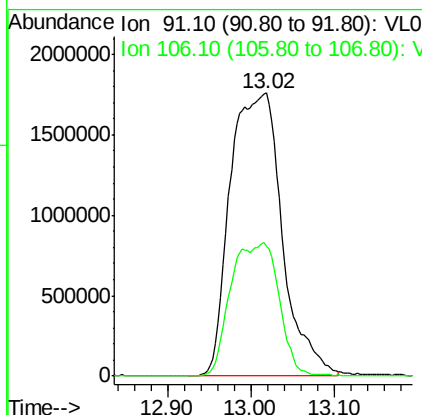
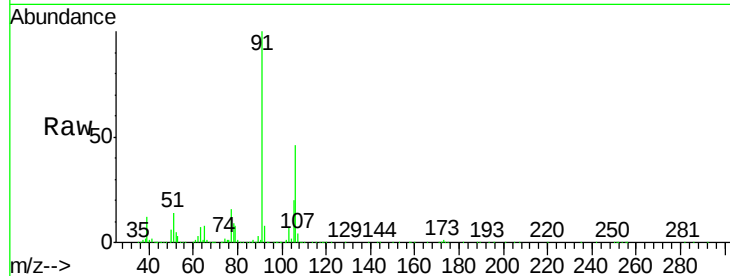
#59
m/p-Xylene
Concen: 16.467 ppbv m
RT: 13.02 min Scan# 3182
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 7631995
Ion Ratio Lower Upper
91 100
106 43.8 34.2 51.2

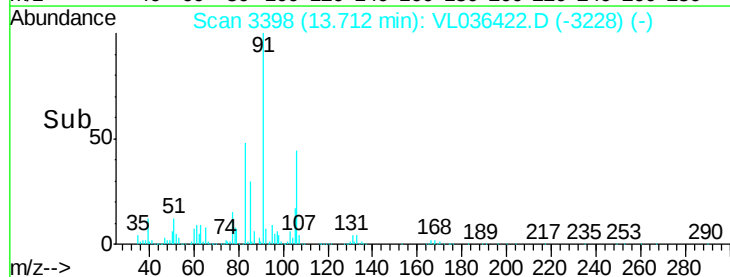
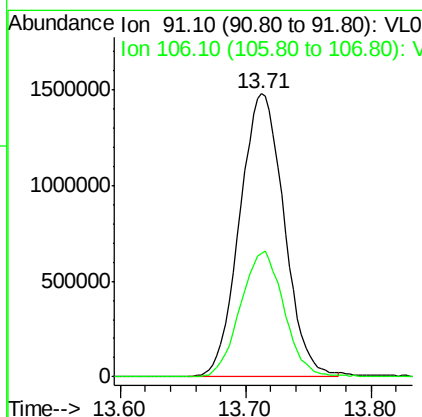
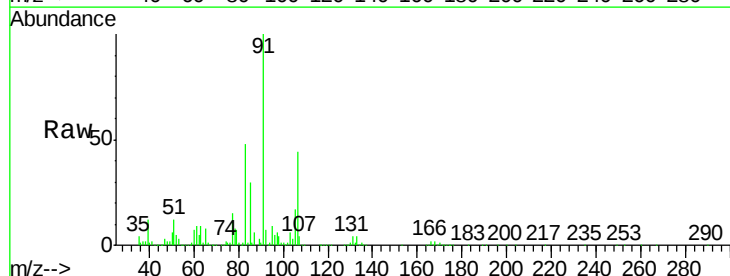
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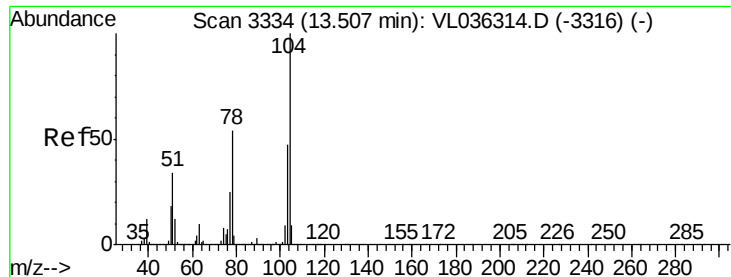
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#60
o-Xylene
Concen: 8.176 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 91 Resp: 3623132
Ion Ratio Lower Upper
91 100
106 43.9 22.0 66.0





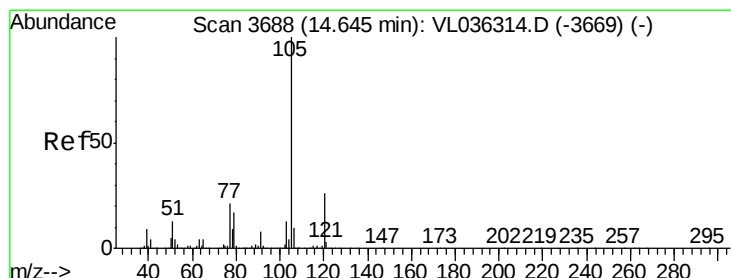
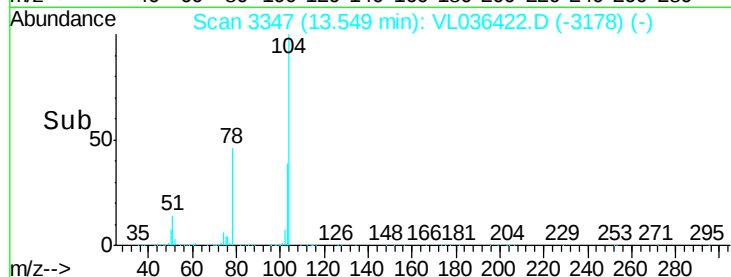
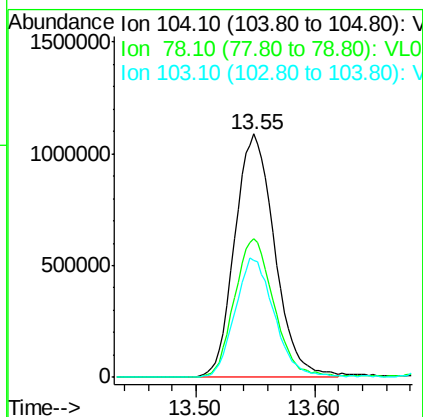
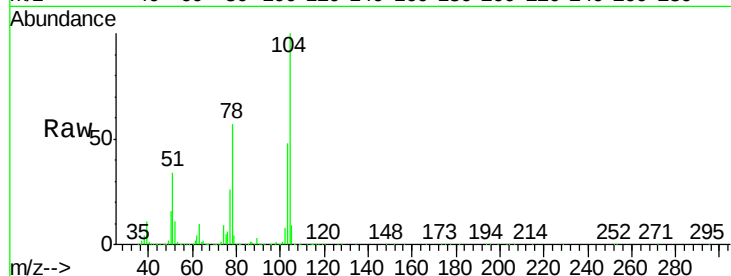
#61
Styrene
Concen: 9.206 ppbv
RT: 13.55 min Scan# 3347
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
104	100		
78	56.9	46.2	69.2
103	48.3	38.3	57.5

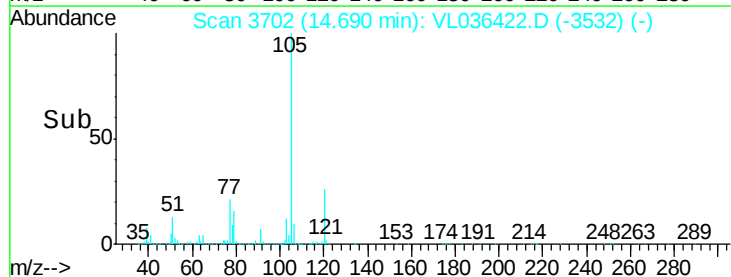
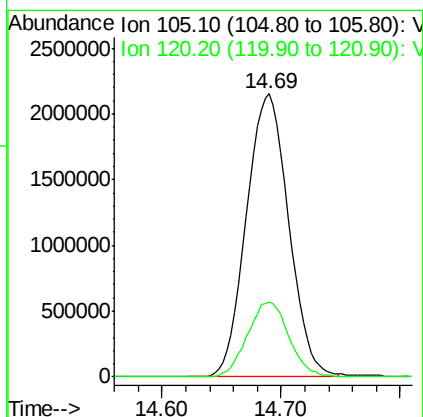
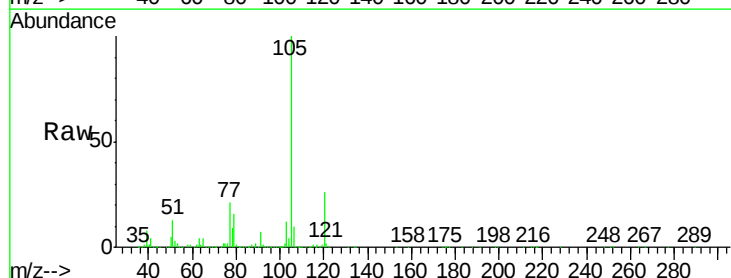
Manual Integrations
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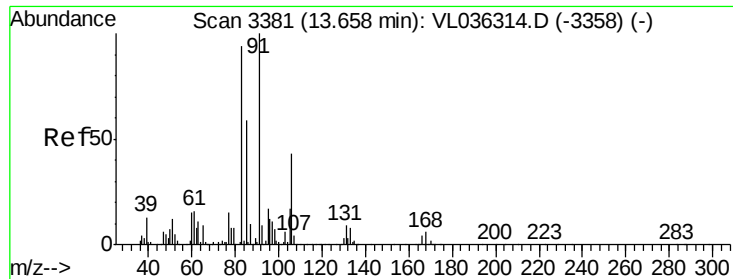
MMDadoda
3/2/2021 3:30:39 PM



#62
Isopropylbenzene
Concen: 7.974 ppbv
RT: 14.69 min Scan# 3702
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.6	30.8





#63

1,1,2,2-Tetrachloroethane

Concen: 7.257 ppbv

RT: 13.70 min Scan# 3393

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 2537415

Ion Ratio Lower Upper

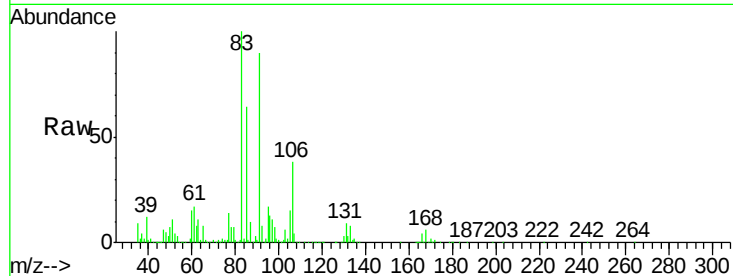
83 100

131 9.1 4.7 14.0

85 65.8 33.0 98.9

Manual Integrations
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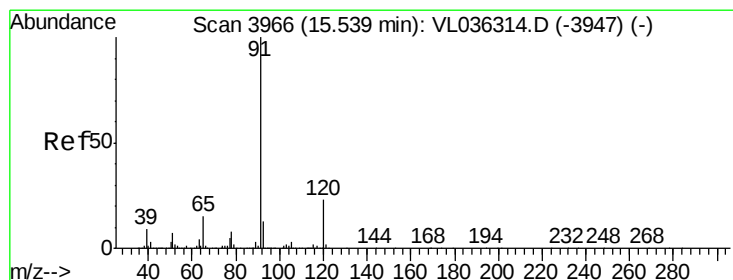
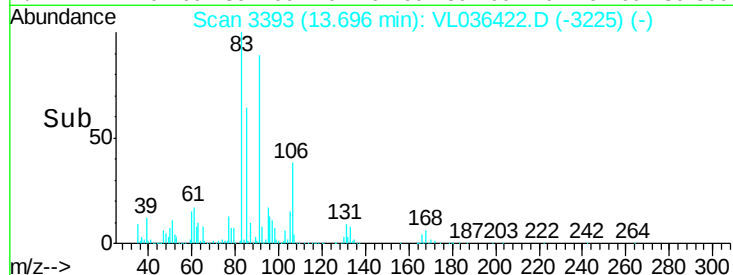
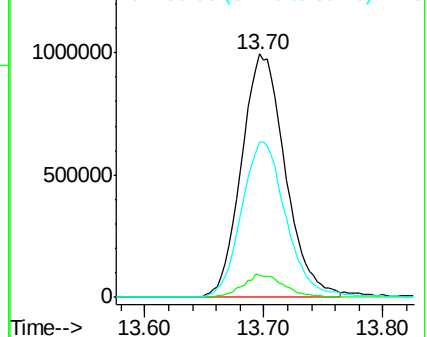
MMDadoda
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Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.556 ppbv

RT: 15.58 min Scan# 3979

Delta R.T. 0.04 min

Lab File: VL036422.D

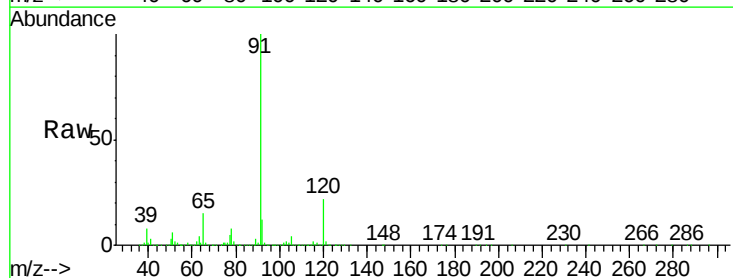
Acq: 1 Mar 2021 19:46

Tgt Ion: 120 Resp: 1398782

Ion Ratio Lower Upper

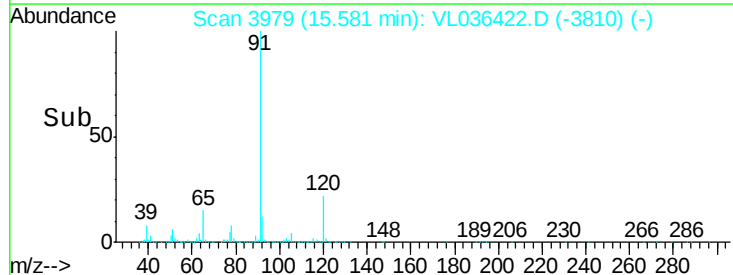
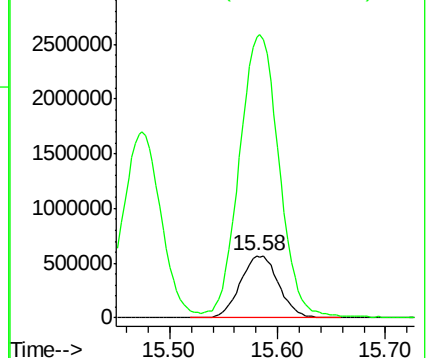
120 100

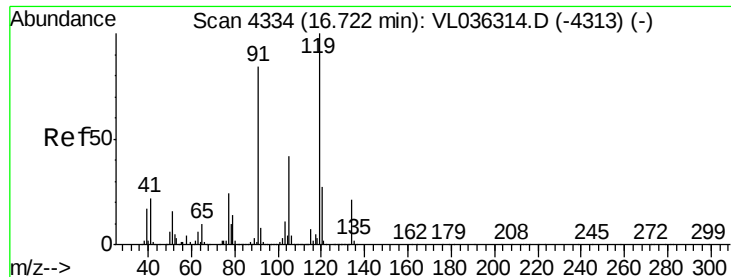
91 475.3 387.2 580.8



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0





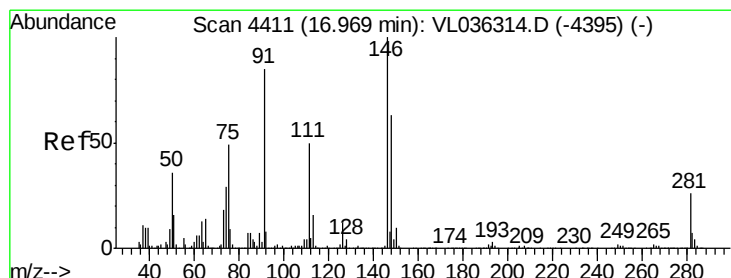
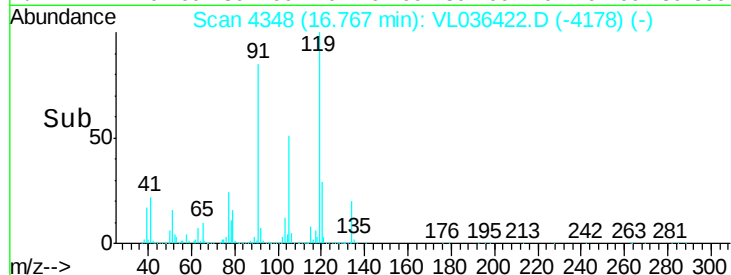
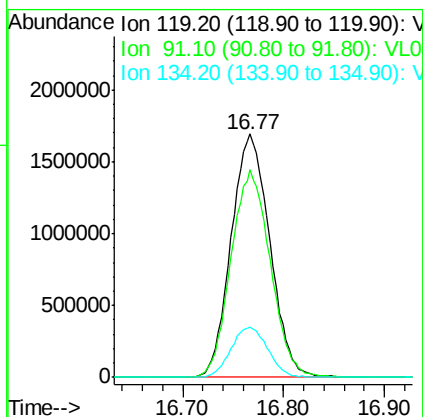
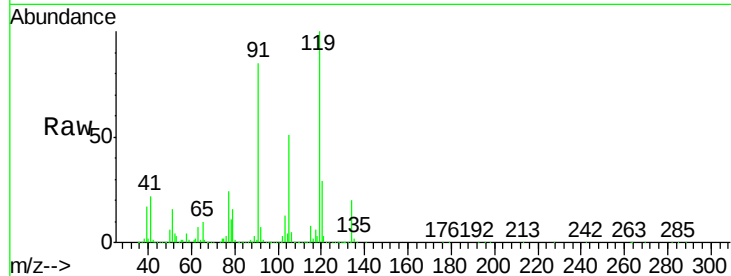
#65
tert-Butylbenzene
Concen: 7.903 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 119 Resp: 4491581
Ion Ratio Lower Upper
119 100
91 86.8 70.5 105.7
134 19.9 15.8 23.8

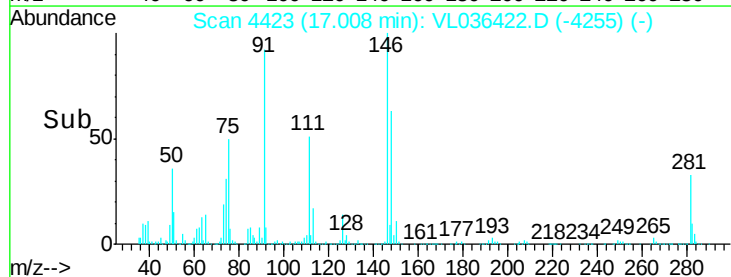
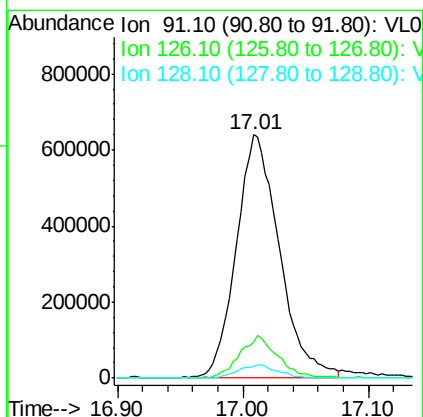
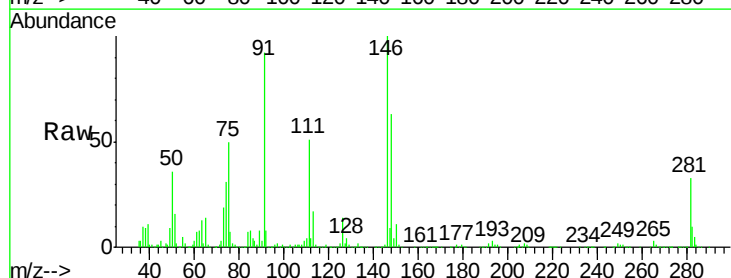
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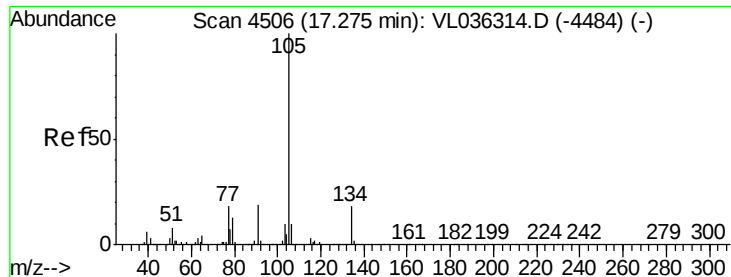
MMDadoda
3/2/2021 3:30:39 PM



#66
Benzyl Chloride
Concen: 9.829 ppbv
RT: 17.01 min Scan# 4423
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 91 Resp: 1518558
Ion Ratio Lower Upper
91 100
126 15.8 12.9 19.3
128 5.2 4.2 6.2





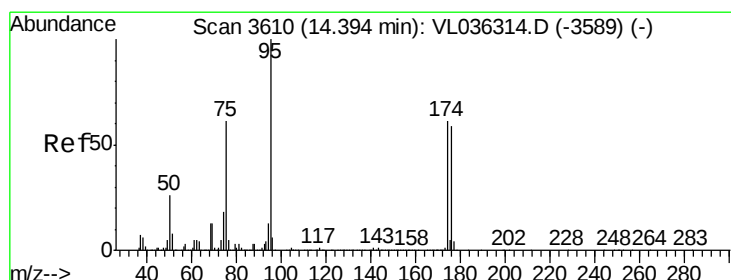
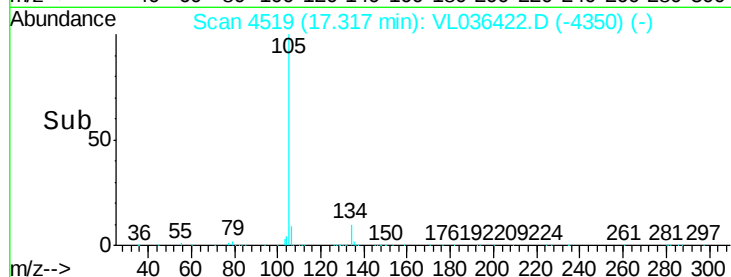
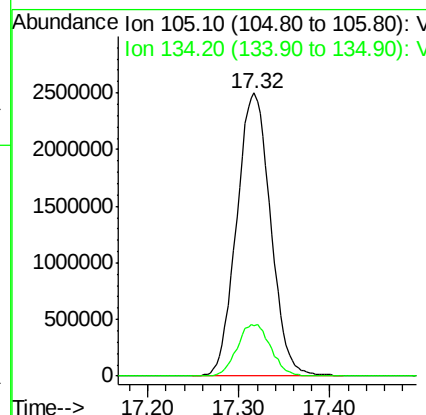
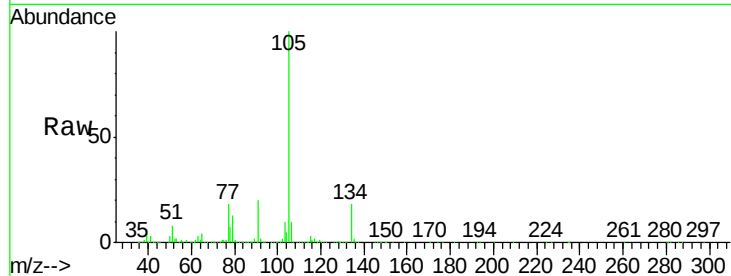
#67
 sec-Butylbenzene
 Concen: 7.881 ppbv
 RT: 17.32 min Scan# 4519
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 105 Resp: 6459684
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.2 21.4

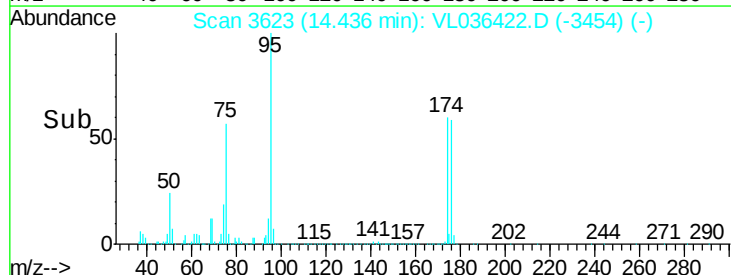
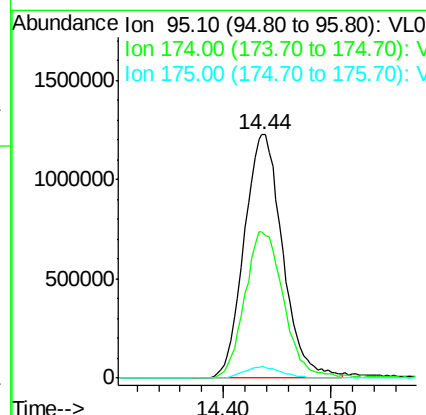
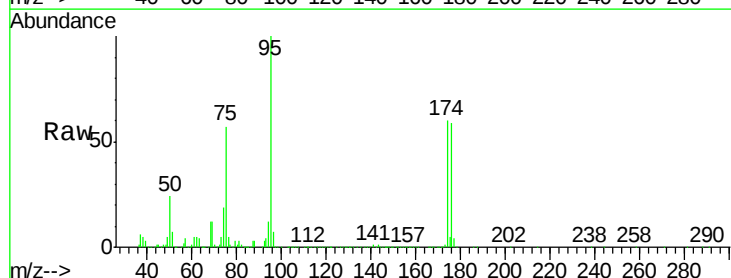
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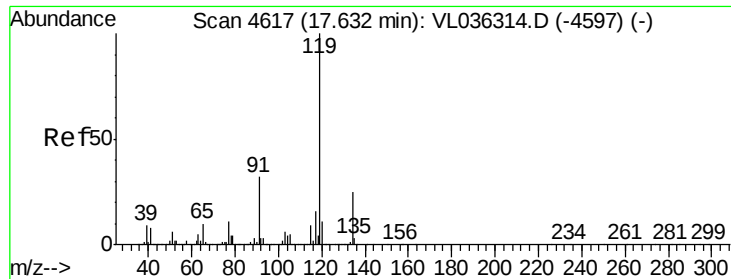
MMDadoda
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.576 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 95 Resp: 3035991
 Ion Ratio Lower Upper
 95 100
 174 61.6 49.8 74.6
 175 4.7 3.7 5.5





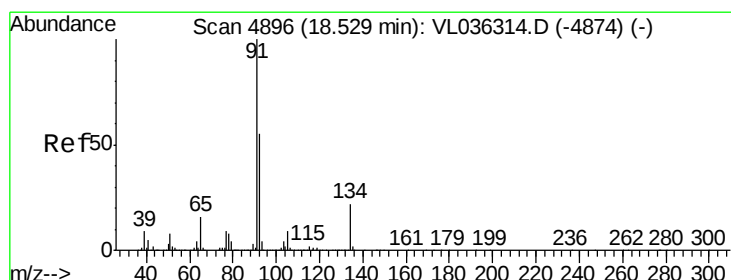
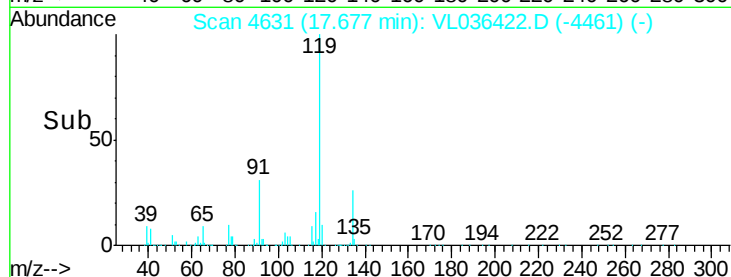
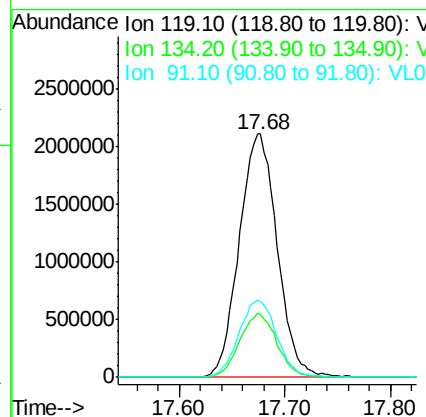
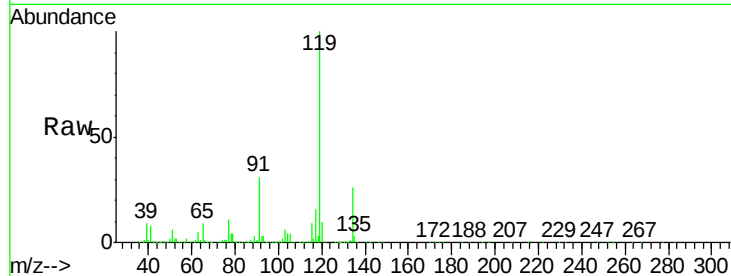
#69
p-Isopropyltoluene
Concen: 8.306 ppbv
RT: 17.68 min Scan# 4631
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 119 Resp: 5261089
Ion Ratio Lower Upper
119 100
134 25.8 20.1 30.1
91 31.6 25.8 38.6

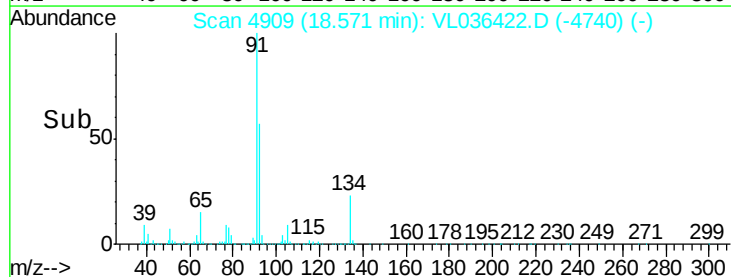
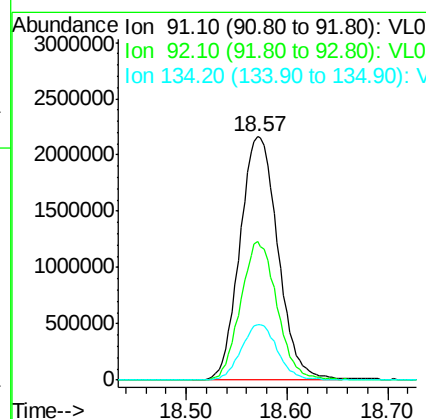
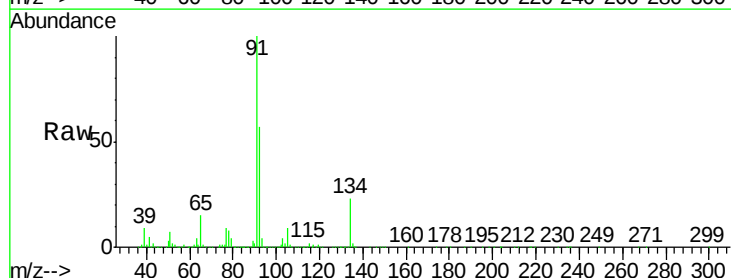
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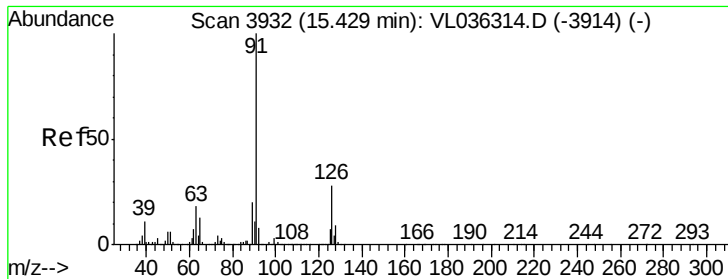
MMDadoda
3/2/2021 3:30:39 PM



#70
n-Butylbenzene
Concen: 8.323 ppbv
RT: 18.57 min Scan# 4909
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 91 Resp: 5653212
Ion Ratio Lower Upper
91 100
92 54.9 43.7 65.5
134 21.9 17.4 26.0





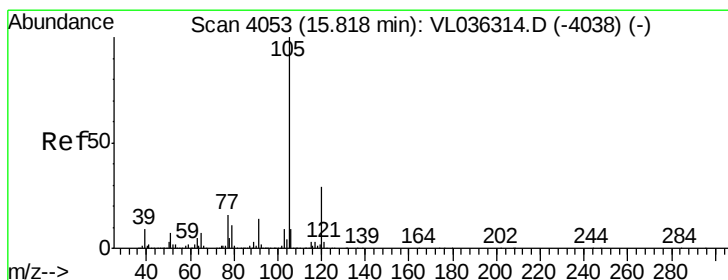
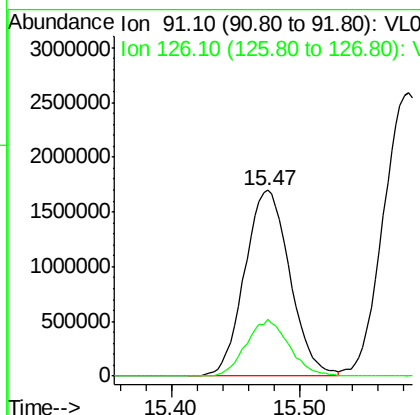
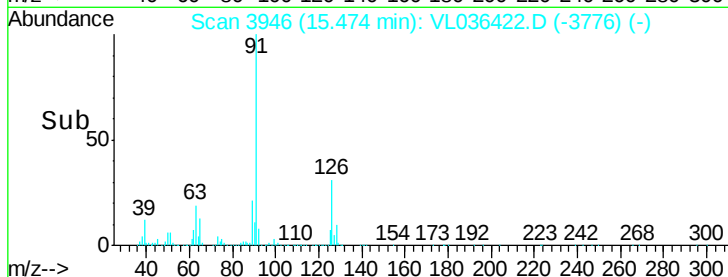
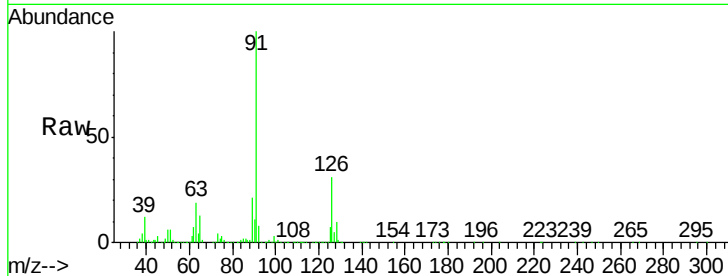
#71
 2-Chlorotoluene
 Concen: 8.137 ppbv
 RT: 15.47 min Scan# 3946
 Delta R.T. 0.05 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 91 Resp: 4143373
 Ion Ratio Lower Upper
 91 100
 126 29.3 11.5 46.1

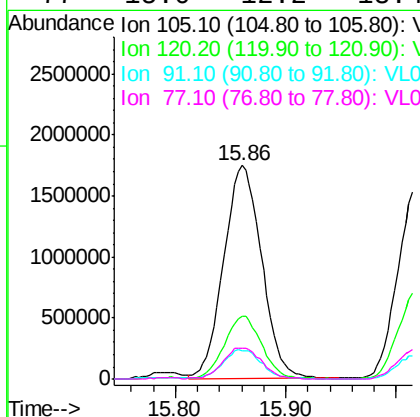
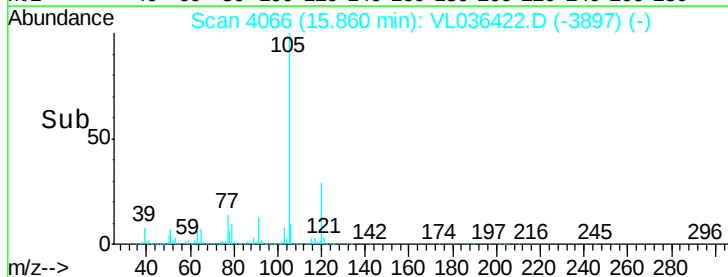
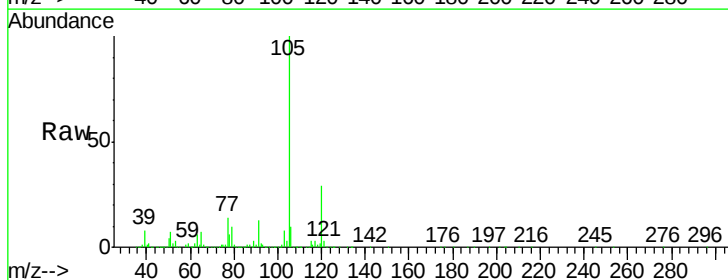
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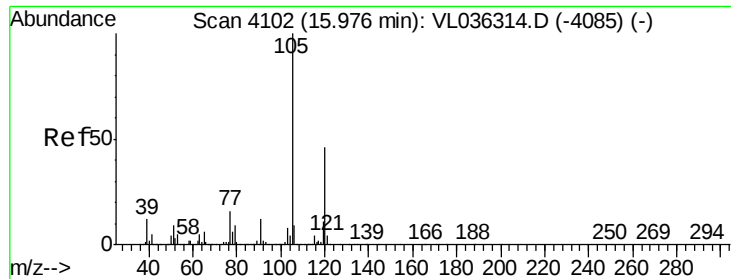
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#72
 4-Ethyltoluene
 Concen: 8.435 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 105 Resp: 4159966
 Ion Ratio Lower Upper
 105 100
 120 29.3 23.2 34.8
 91 13.7 11.0 16.4
 77 15.0 12.2 18.4





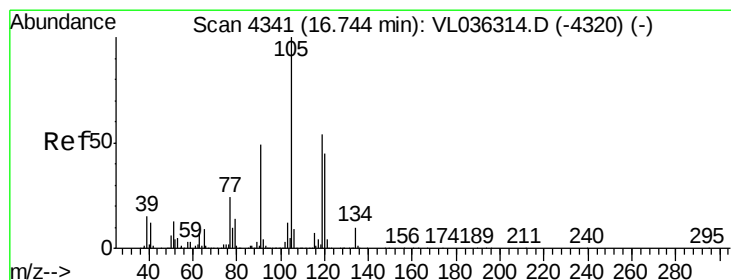
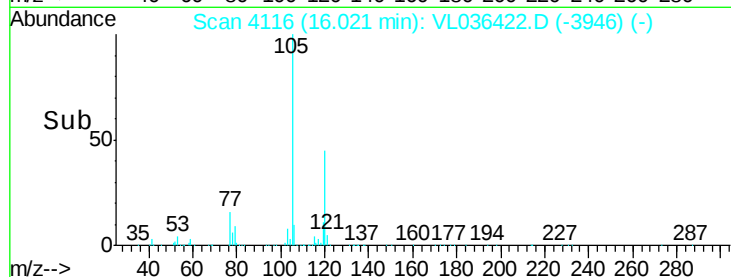
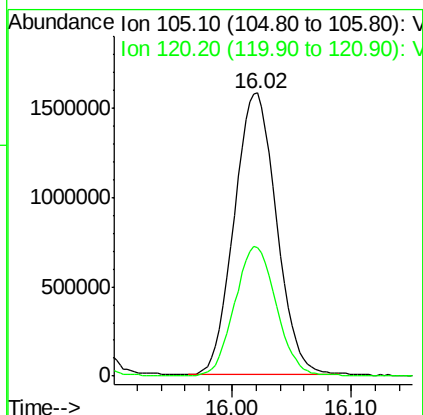
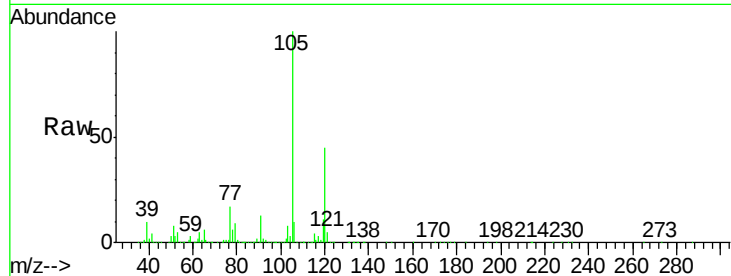
#73
 1,3,5-Trimethylbenzene
 Concen: 8.119 ppbv
 RT: 16.02 min Scan# 4116
 Delta R.T. 0.05 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 3881222
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.9 55.3

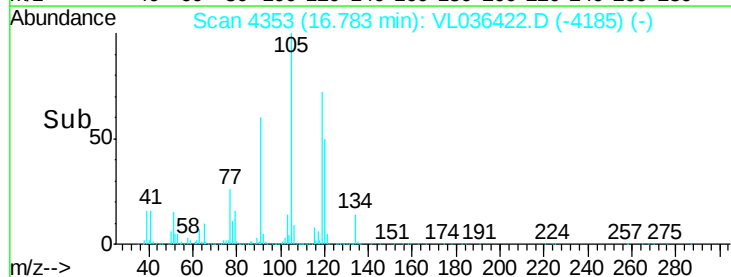
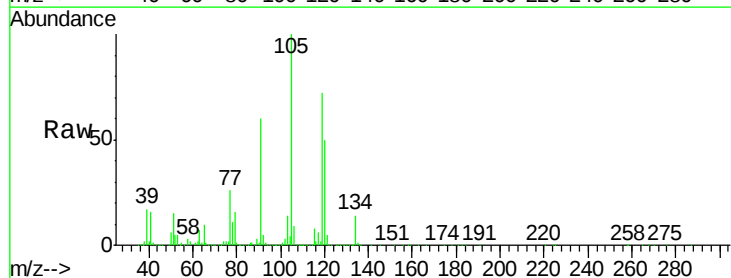
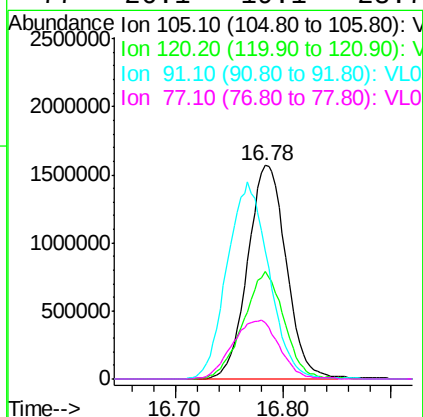
Manual Integrations
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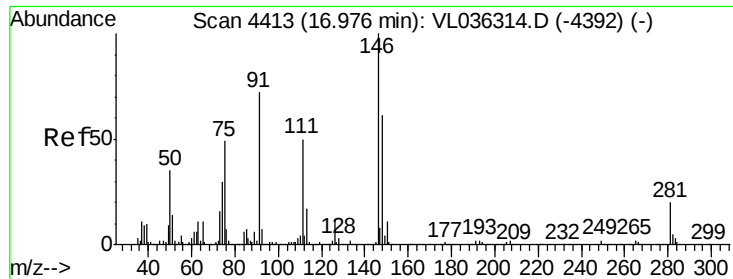
MMDadoda
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#74
 1,2,4-Trimethylbenzene
 Concen: 7.971 ppbv
 RT: 16.78 min Scan# 4353
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion:105 Resp: 3890179
 Ion Ratio Lower Upper
 105 100
 120 50.1 35.8 53.6
 91 59.8 39.8 59.6#
 77 26.1 19.1 28.7





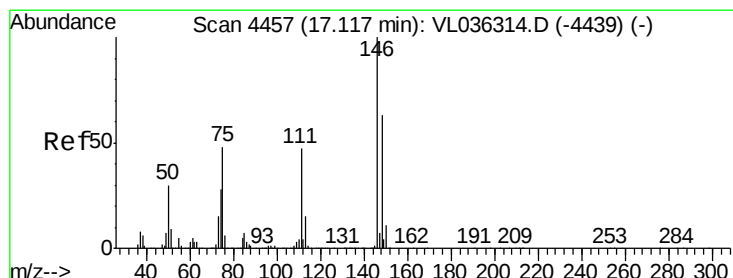
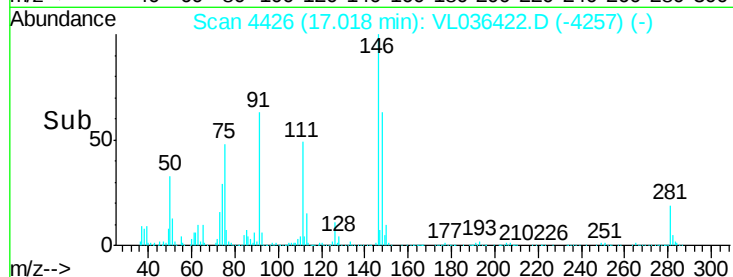
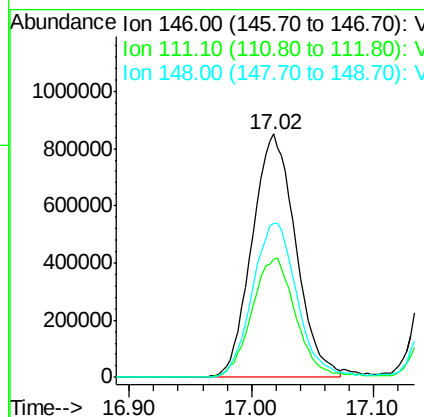
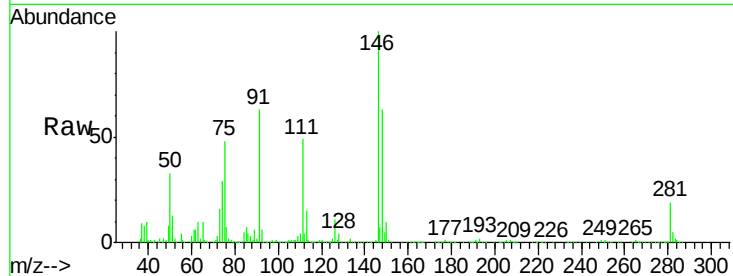
#75
 1,3-Dichlorobenzene
 Concen: 7.976 ppbv
 RT: 17.02 min Scan# 4426
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:146 Resp: 2112986
 Ion Ratio Lower Upper
 146 100
 111 49.5 24.9 74.6
 148 65.0 31.9 95.9

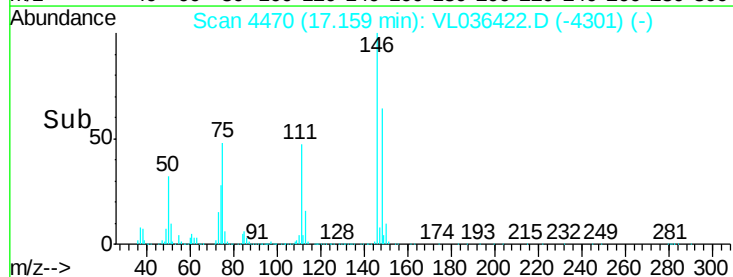
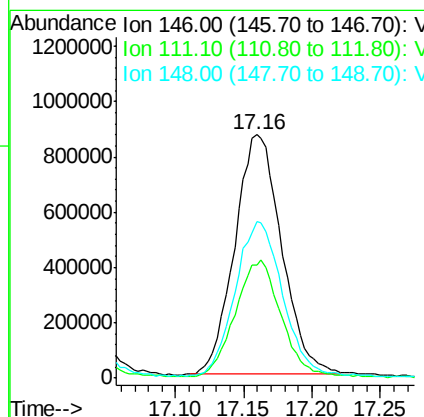
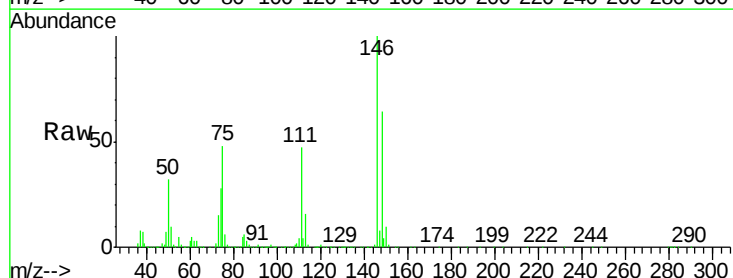
Manual Integrations
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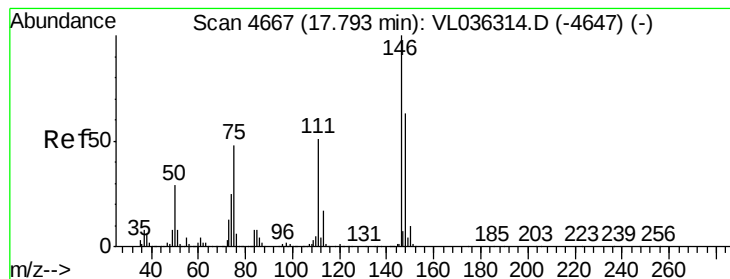
MMDadoda
 3/2/2021 3:30:39 PM



#76
 1,4-Dichlorobenzene
 Concen: 7.506 ppbv
 RT: 17.16 min Scan# 4470
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion:146 Resp: 2064896
 Ion Ratio Lower Upper
 146 100
 111 49.3 23.6 71.0
 148 67.8 31.6 95.0





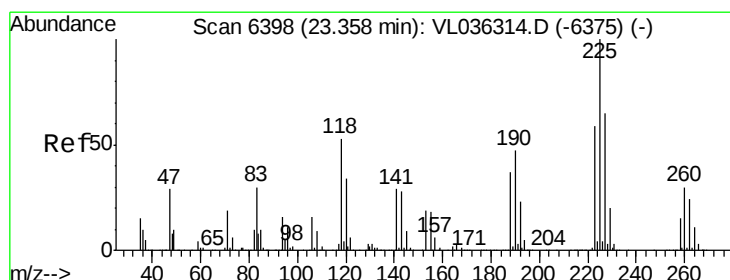
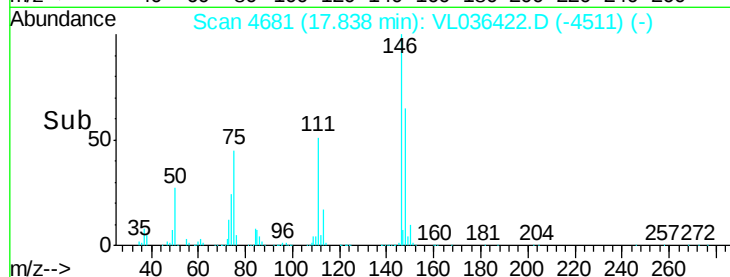
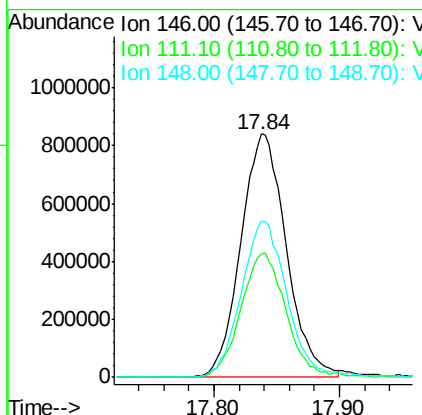
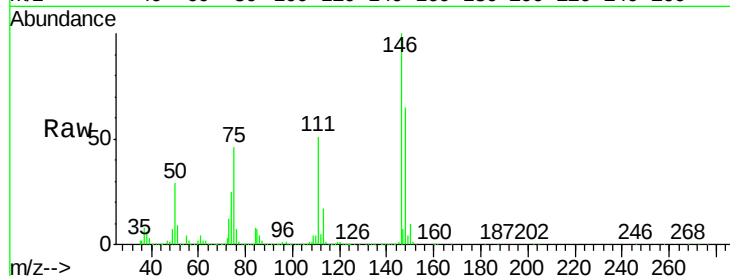
#77
 1,2-Dichlorobenzene
 Concen: 7.981 ppbv
 RT: 17.84 min Scan# 4681
 Delta R.T. 0.05 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:146 Resp: 2097434
 Ion Ratio Lower Upper
 146 100
 111 50.9 25.9 77.8
 148 65.6 32.5 97.4

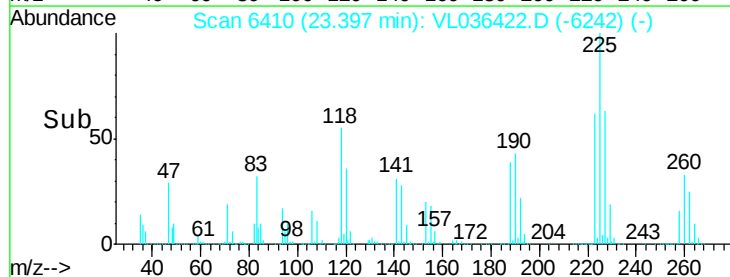
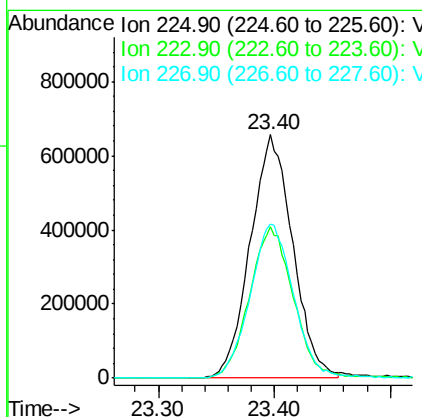
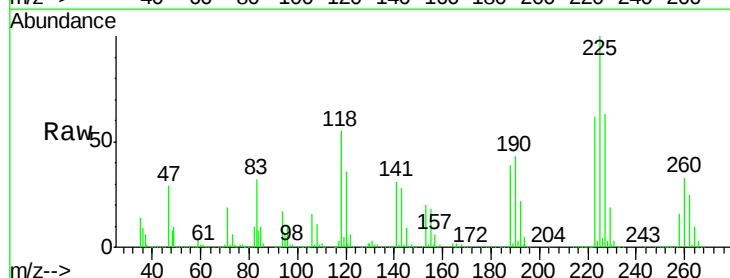
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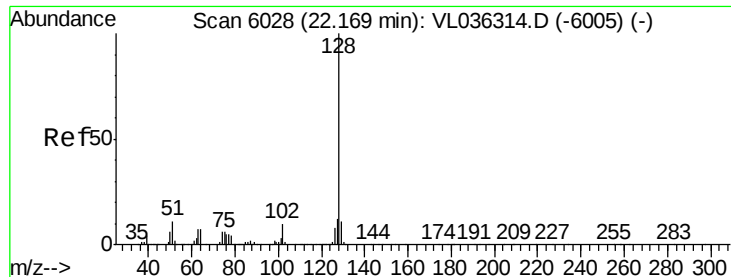
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#78
 Hexachloro-1,3-Butadiene
 Concen: 7.756 ppbv
 RT: 23.40 min Scan# 6410
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion:225 Resp: 1665201
 Ion Ratio Lower Upper
 225 100
 223 64.7 50.8 76.2
 227 65.5 52.2 78.2





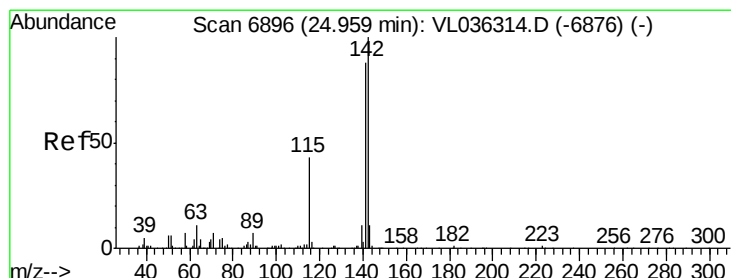
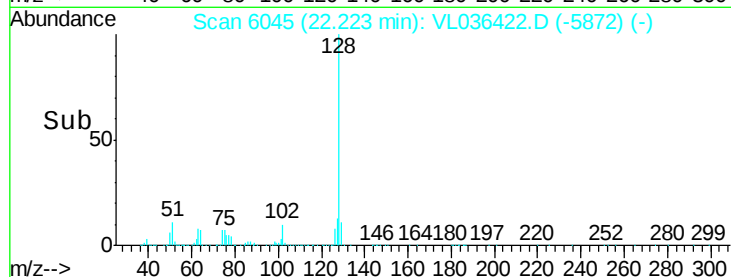
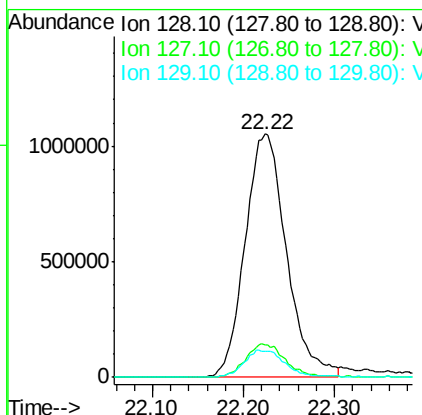
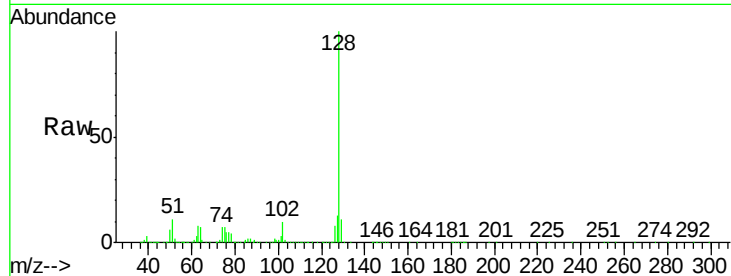
#79
Naphthalene
Concen: 11.497 ppbv
RT: 22.22 min Scan# 6045
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	9.6	14.4
129	10.7	8.5	12.7

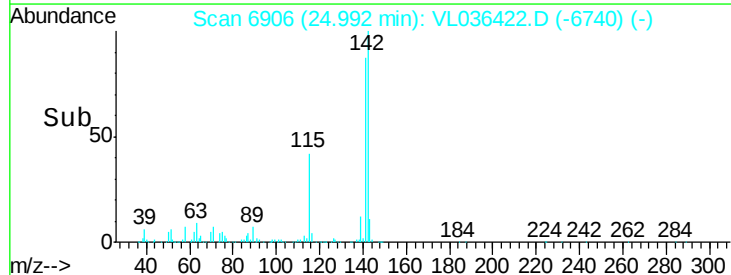
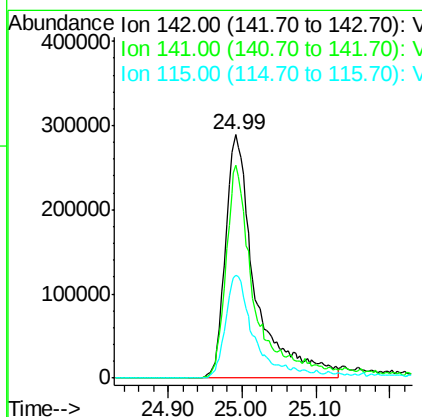
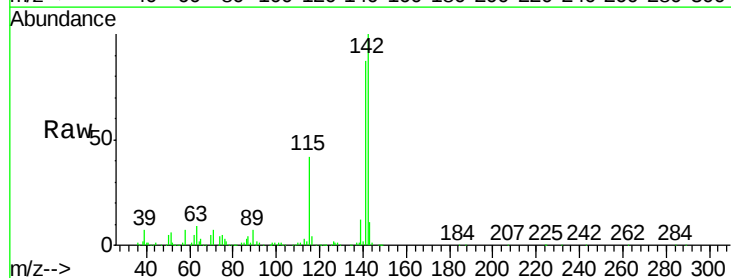
Manual Integrations
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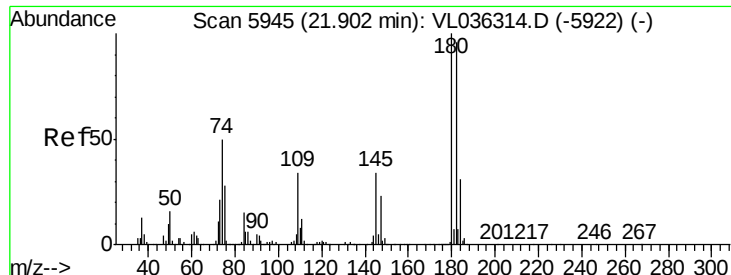
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#80
Naphthalene, 2-methyl-
Concen: 15.214 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	64.4	96.6
115	44.1	34.6	51.8





#81
 1,2,4-Trichlorobenzene
 Concen: 9.810 ppbv
 RT: 21.95 min Scan# 5960
 Delta R.T. 0.05 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	80.2	120.4
184	32.0	25.0	37.6

Manual Integrations
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