

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036192.D
 Acq On : 23 Dec 2020 10:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
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 12/26/2020 1:35:58 PM

Quant Time: Dec 24 05:31:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1163203	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2440914	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2466805m	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2077862	10.61	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.02	85	1078319	7.955	ppbv 99
3) Chlorodifluoromethane	2.96	51	1441042	10.858	ppbv 98
4) Chloromethane	3.11	50	711093	10.914	ppbv 100
5) Vinyl Chloride	3.23	62	683405	9.428	ppbv 98
6) Bromomethane	3.45	94	381985	10.213	ppbv 86
7) Chloroethane	3.53	64	240757	9.750	ppbv 93
8) Dichlorotetrafluoroethane	3.16	85	1574190	10.449	ppbv 89
9) Propene	2.99	41	636588	9.575	ppbv 99
10) Heptane	8.10	43	1679782	9.893	ppbv 99
11) Trichlorofluoromethane	3.92	101	1762379	11.058	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1101053	10.172	ppbv 93
13) Ethanol	3.58	45	98929	10.794	ppbv 92
14) Bromoethene	3.71	108	463189	10.431	ppbv 96
15) Acetone	3.82	43	1629914	11.659	ppbv 97
16) 1,3-Butadiene	3.30	39	723266	10.272	ppbv 98
17) tert-Butyl alcohol	4.27	59	1227869	9.068	ppbv 98
18) 1,1-Dichloroethene	4.26	96	478322	9.953	ppbv 96
19) Isopropyl Alcohol	3.94	45	833219	9.751	ppbv # 100
20) Methylene Chloride	4.32	84	421380	7.356	ppbv 93
21) Allyl Chloride	4.38	41	934335	10.051	ppbv 96
22) trans-1,2-Dichloroethene	4.85	96	473368	9.838	ppbv 94
23) Vinyl Acetate	5.05	43	1925624	10.346	ppbv 98
24) 1,1-Dichloroethane	4.99	63	1285465	9.820	ppbv 99
25) Ethyl Acetate	5.65	43	2900981	10.387	ppbv 100
26) Hexane	5.66	57	1180057	9.388	ppbv 99
27) Carbon Disulfide	4.52	76	1248049	9.991	ppbv 97
28) Methyl tert-Butyl Ether	5.01	73	1703216	9.531	ppbv 99
29) Chloroform	5.73	83	1803282	10.925	ppbv 97
30) Cyclohexane	7.10	84	911657	9.874	ppbv 97
31) cis-1,2-Dichloroethene	5.52	61	1226002	10.730	ppbv 96
32) 1,1,1-Trichloroethane	6.48	97	1775702	10.426	ppbv 97
34) 2-Butanone	5.22	43	1802353	11.132	ppbv 100
35) Carbon Tetrachloride	6.99	117	1719135	12.078	ppbv 98
36) Benzene	6.86	78	2317850	11.205	ppbv 99
37) 1,2-Dichloroethane	6.28	62	1548705	12.920	ppbv 97
38) Trichloroethene	7.81	130	716446	9.265	ppbv 93
39) 1,2-Dichloropropane	7.58	63	954611	11.685	ppbv 92
40) 1,4-Dioxane	7.80	88	327322m	12.739	ppbv
41) Tetrahydrofuran	6.02	42	1064494	11.067	ppbv 100
42) Bromodichloromethane	7.76	83	1982006	12.409	ppbv 98
43) Methyl Methacrylate	7.99	69	1054117	11.878	ppbv 97

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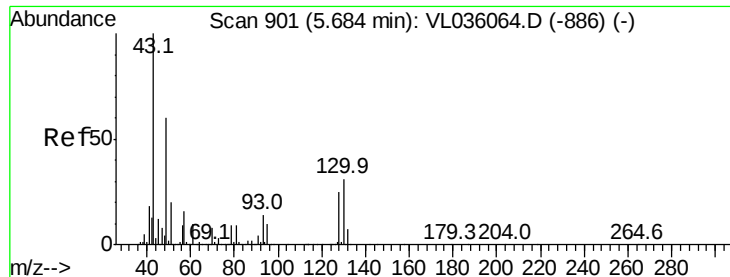
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	4140495	11.052	ppbv	99
45) t-1,3-Dichloropropene	9.25	75	1151690	12.632	ppbv	99
46) cis-1,3-Dichloropropene	8.67	75	1365433	11.949	ppbv	98
47) 1,1,2-Trichloroethane	9.45	97	885635	11.268	ppbv	96
48) Dibromochloromethane	10.28	129	1422697	11.987	ppbv	99
49) Bromoform	13.01	173	1152754	12.340	ppbv	100
50) 4-Methyl-2-Pentanone	8.71	43	2853261	11.816	ppbv	99
51) 2-Hexanone	10.11	43	2273558	12.046	ppbv #	99
52) Tetrachloroethene	11.19	164	683443	9.127	ppbv	94
53) Toluene	9.78	91	2569802	11.063	ppbv	98
54) 1,2-Dibromoethane	10.58	107	1326289	11.258	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.10	131	1077374	10.533	ppbv	97
57) Chlorobenzene	12.12	112	1762973	10.180	ppbv	95
58) Ethyl Benzene	12.68	91	3575458	10.576	ppbv	100
59) m/p-Xylene	12.97	91	6128249m	21.523	ppbv	
60) o-Xylene	13.66	91	2877311	10.726	ppbv	95
61) Styrene	13.50	104	1913009	11.107	ppbv	96
62) Isopropylbenzene	14.64	105	4083951	10.270	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.65	83	1981676	10.968	ppbv	99
64) n-propylbenzene	15.54	120	988773	10.335	ppbv	83
65) tert-Butylbenzene	16.72	119	3391731	10.421	ppbv	92
66) Benzyl Chloride	16.97	91	1185578	14.628	ppbv	94
67) sec-Butylbenzene	17.27	105	4907797	10.774	ppbv	98
69) p-Isopropyltoluene	17.63	119	3897942	10.758	ppbv	96
70) n-Butylbenzene	18.53	91	4346707	12.138	ppbv	98
71) 2-Chlorotoluene	15.43	91	3351281	11.149	ppbv	95
72) 4-Ethyltoluene	15.81	105	3196766	11.001	ppbv	97
73) 1,3,5-Trimethylbenzene	15.97	105	3023669	10.895	ppbv	96
74) 1,2,4-Trimethylbenzene	16.74	105	3072083	11.027	ppbv	94
75) 1,3-Dichlorobenzene	16.97	146	1508491	10.817	ppbv	97
76) 1,4-Dichlorobenzene	17.11	146	1476613	10.400	ppbv	96
77) 1,2-Dichlorobenzene	17.80	146	1432808	10.760	ppbv	97
78) Hexachloro-1,3-Butadiene	23.35	225	878783	8.234	ppbv	98
79) Naphthalene	22.17	128	1527732	10.788	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	599971	18.946	ppbv	92
81) 1,2,4-Trichlorobenzene	21.90	180	878789	9.288	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.04 min

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ClientSampleId :

VSTDCCC010

Tot Ion: 49 Resp: 1163203

Ion Ratio Lower Upper

49 100

128 37.0 21.1 63.1

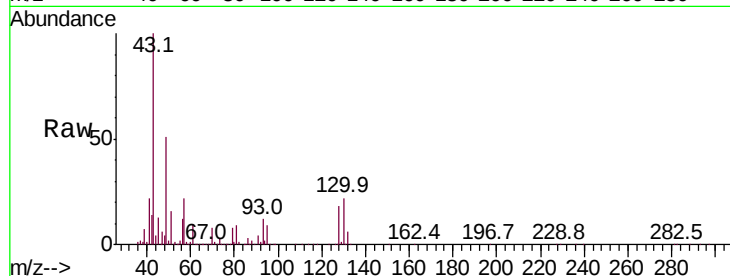
130 46.4 27.1 81.3

Manual Integrations

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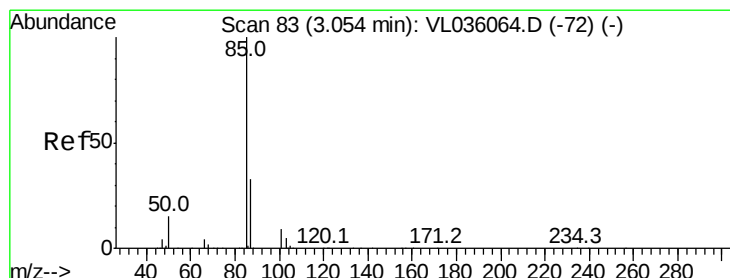
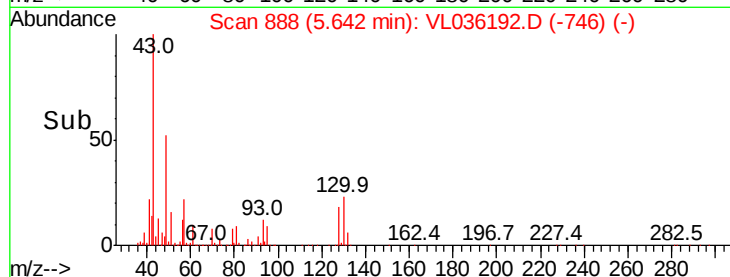
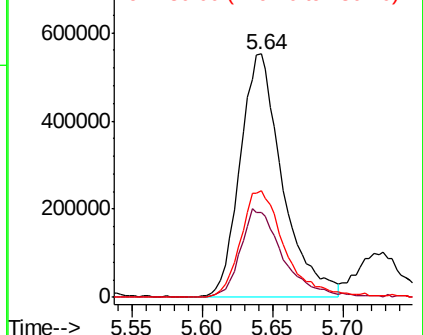
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 7.955 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.03 min

Lab File: VL036192.D

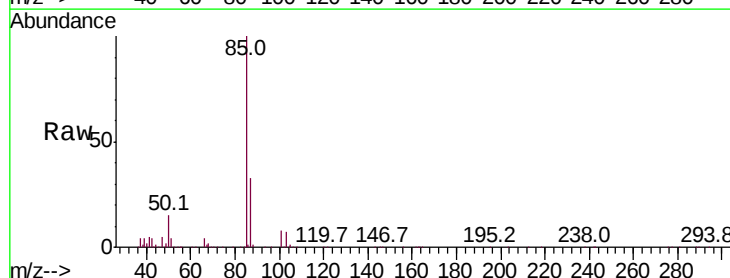
Acq: 23 Dec 2020 10:37

Tgt Ion: 85 Resp: 1078319

Ion Ratio Lower Upper

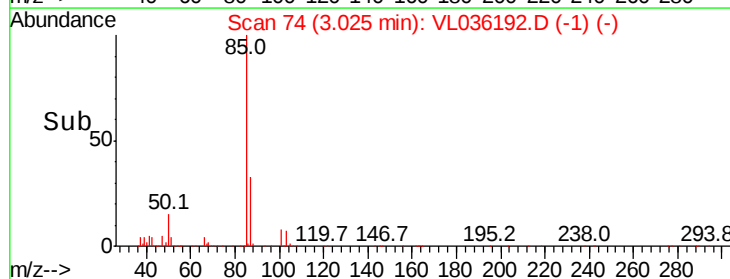
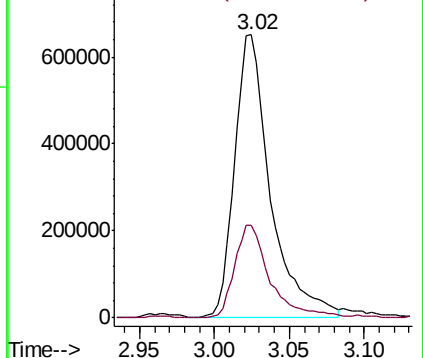
85 100

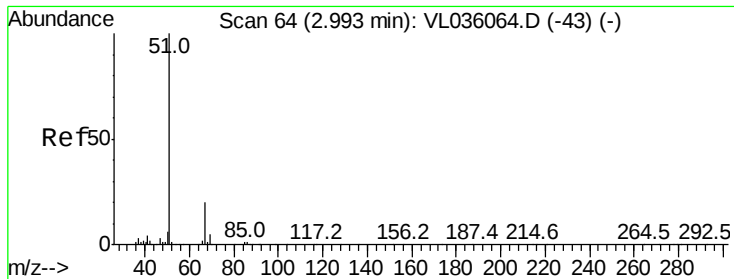
87 32.6 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.858 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.03 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 51 Resp: 1441042

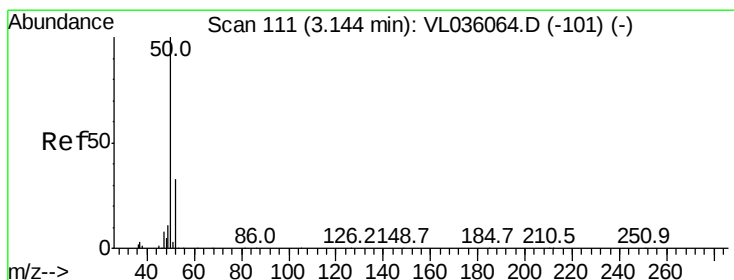
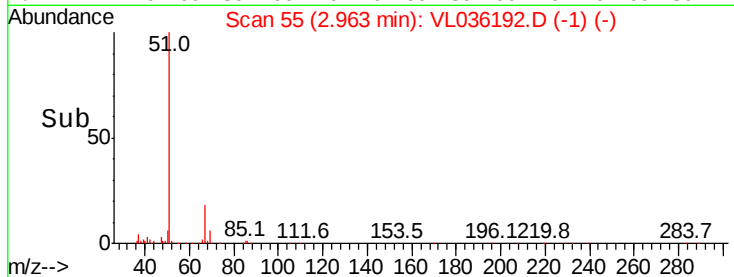
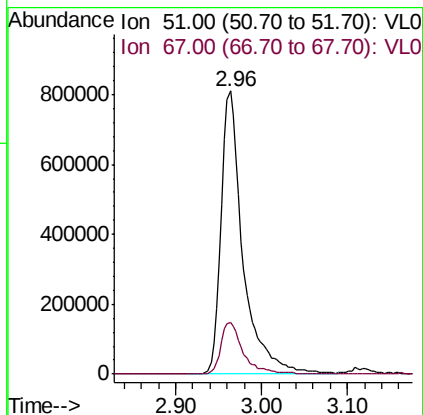
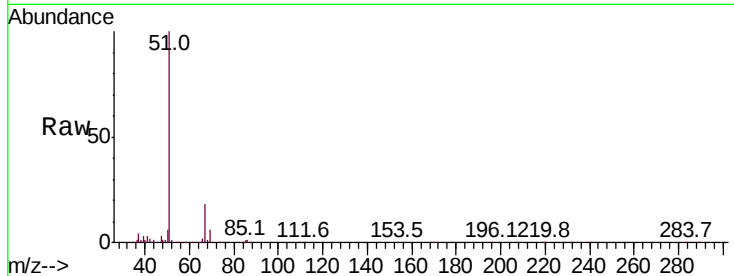
Ion Ratio Lower Upper

51 100

67 18.6 14.3 21.5

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#4

Chloromethane

Concen: 10.914 ppbv

RT: 3.11 min Scan# 102

Delta R.T. -0.03 min

Lab File: VL036192.D

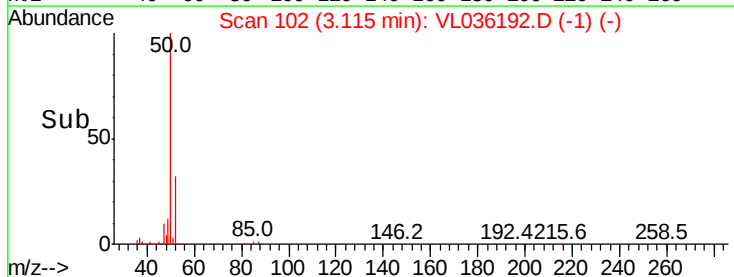
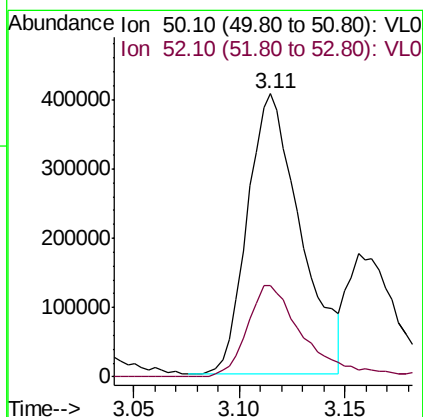
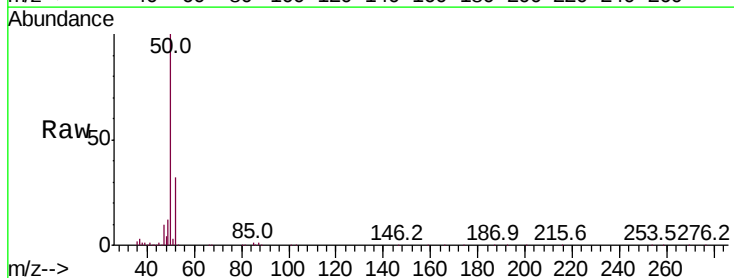
Acq: 23 Dec 2020 10:37

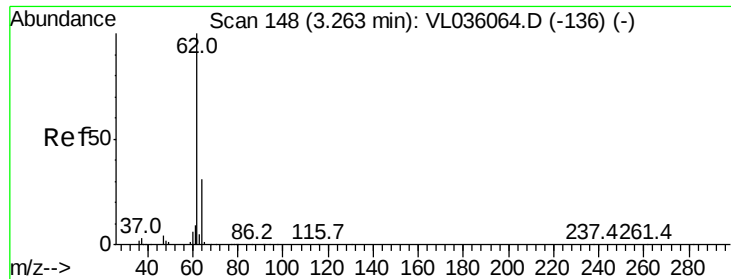
Tgt Ion: 50 Resp: 711093

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1





#5

Vinyl Chloride

Concen: 9.428 ppbv

RT: 3.23 min Scan# 138

Delta R.T. -0.03 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 62 Resp: 683405

Ion Ratio Lower Upper

62 100

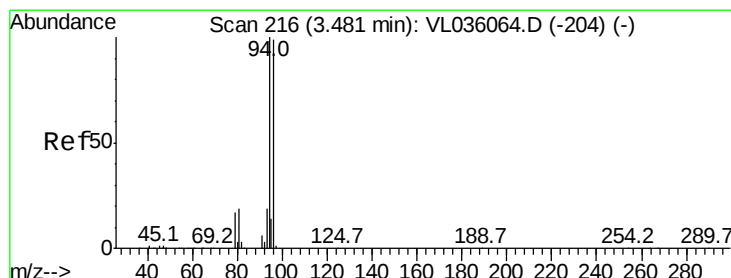
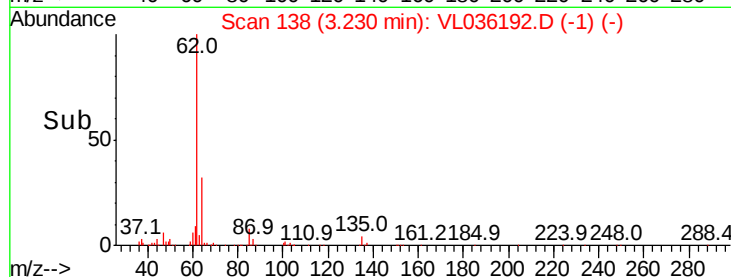
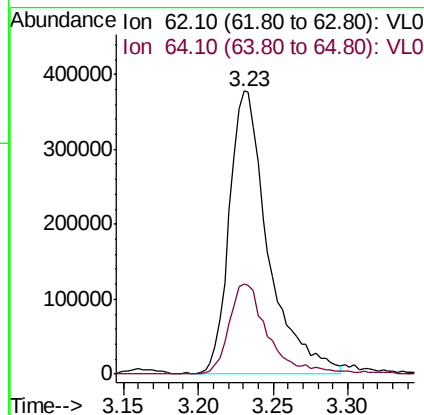
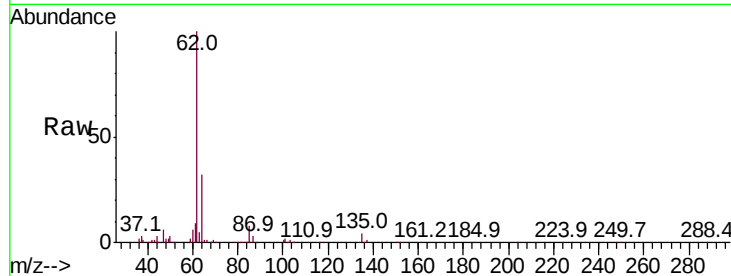
64 31.9 24.5 36.7

Manual Integrations

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#6

Bromomethane

Concen: 10.213 ppbv

RT: 3.45 min Scan# 206

Delta R.T. -0.03 min

Lab File: VL036192.D

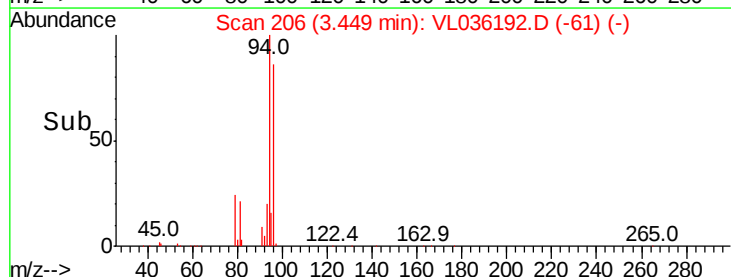
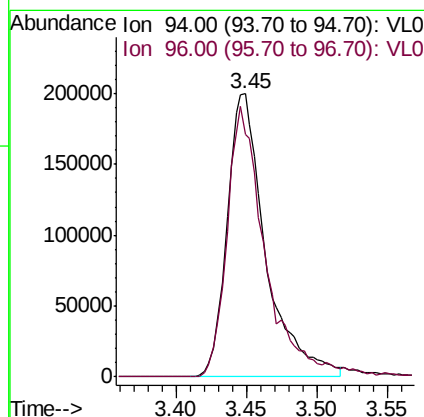
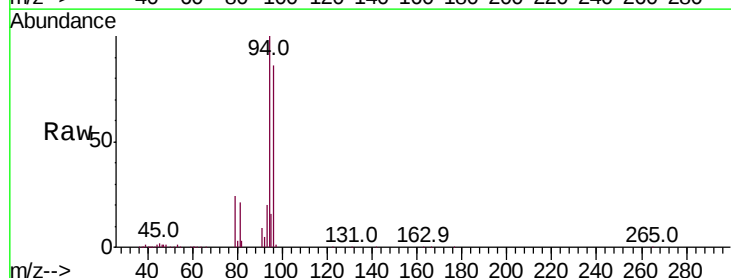
Acq: 23 Dec 2020 10:37

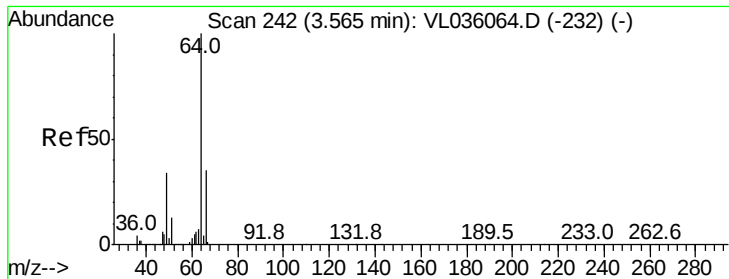
Tgt Ion: 94 Resp: 381985

Ion Ratio Lower Upper

94 100

96 85.5 79.4 119.0





#7

Chloroethane

Concen: 9.750 ppbv

RT: 3.53 min Scan# 231

Delta R.T. -0.04 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 64 Resp: 240757

Ion Ratio Lower Upper

64 100

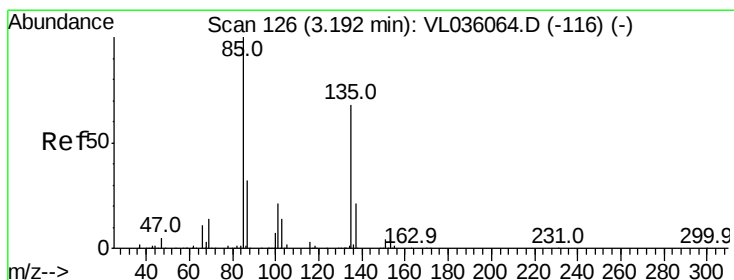
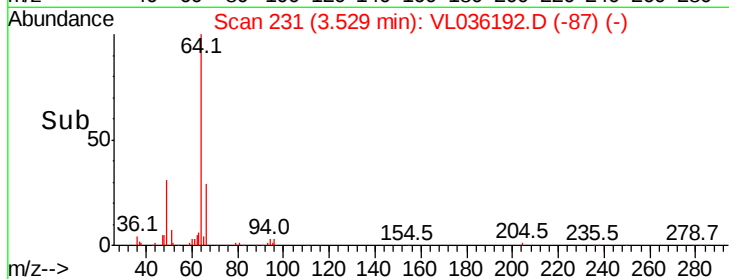
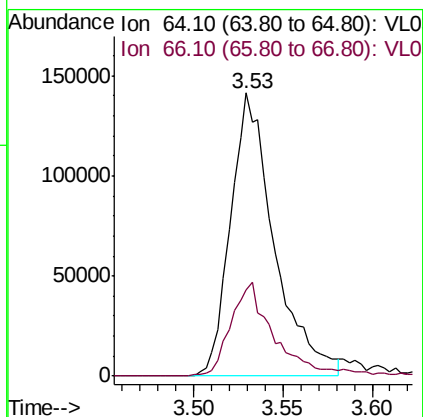
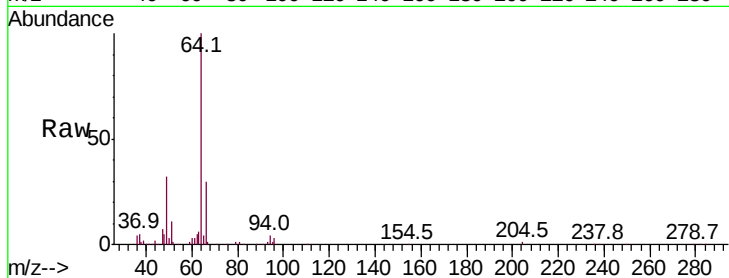
66 30.4 27.7 41.5

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 10.449 ppbv

RT: 3.16 min Scan# 117

Delta R.T. -0.03 min

Lab File: VL036192.D

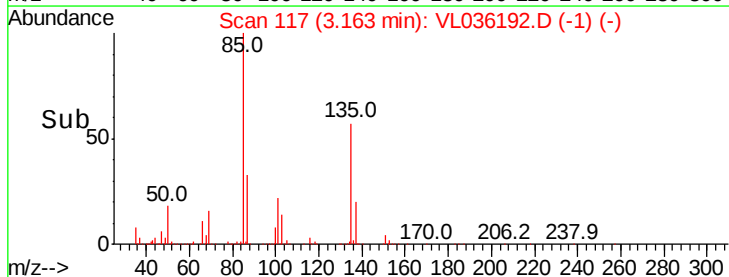
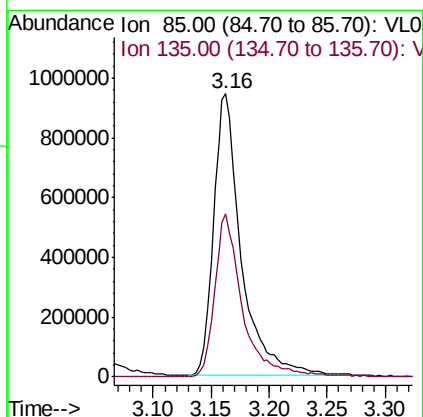
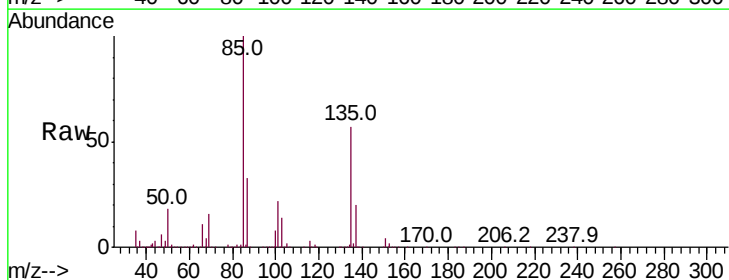
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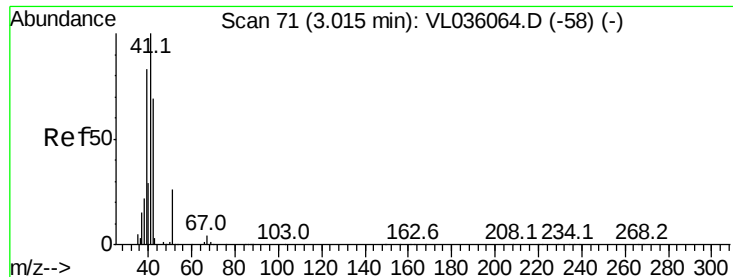
Tgt Ion: 85 Resp: 1574190

Ion Ratio Lower Upper

85 100

135 58.2 53.8 80.8





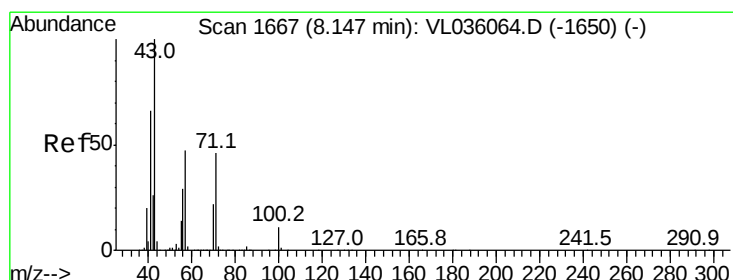
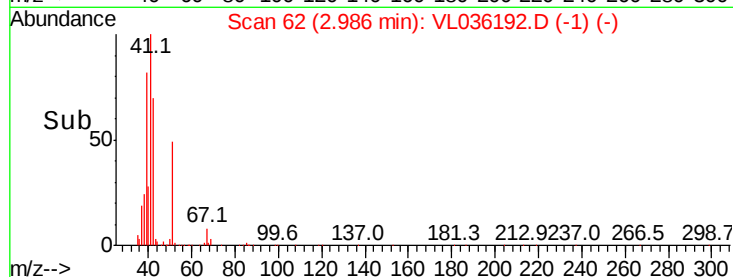
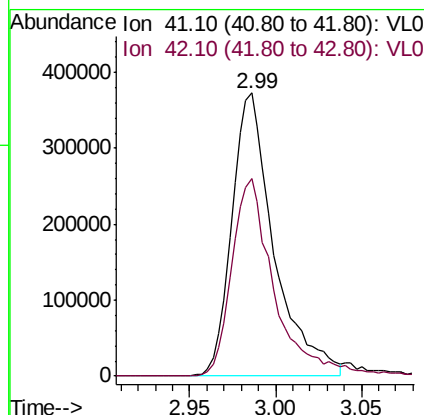
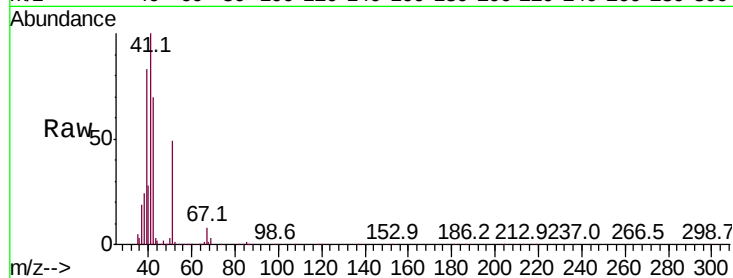
#9
 Propene
 Concen: 9.575 ppbv
 RT: 2.99 min Scan# 62
 Delta R.T. -0.03 min
 Lab File: VL036192.D
 Acq: 23 Dec 2020 10:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 41 Resp: 636588
 Ion Ratio Lower Upper
 41 100
 42 72.0 57.0 85.6

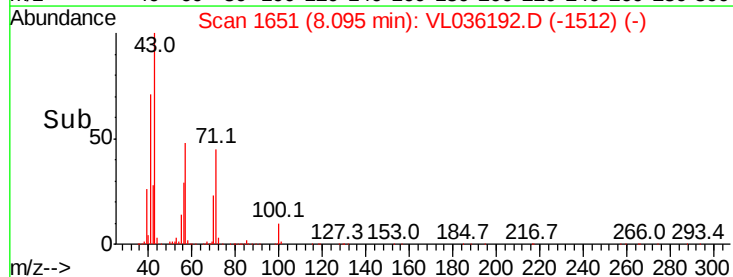
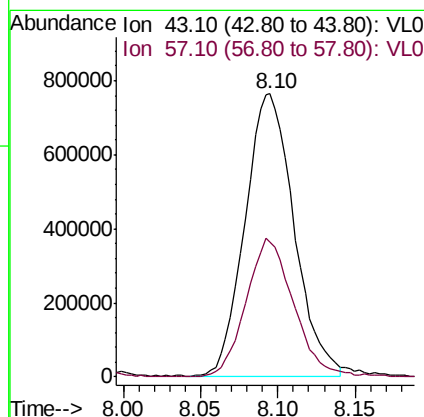
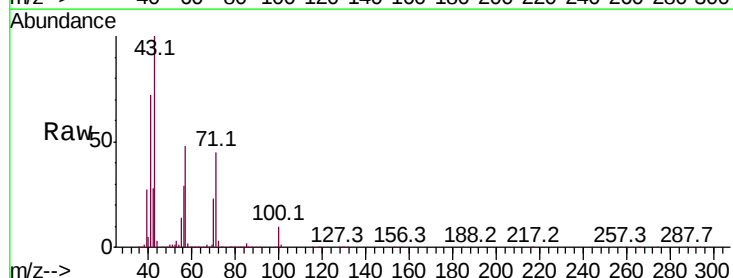
Manual Integrations
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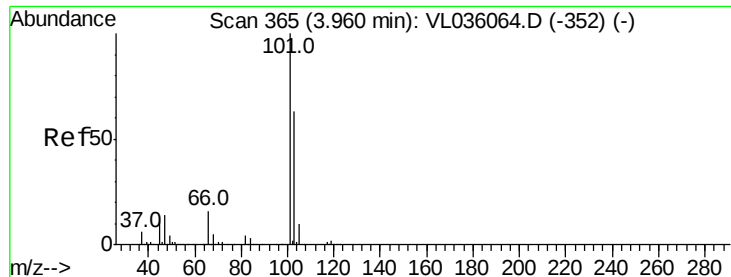
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#10
 Heptane
 Concen: 9.893 ppbv
 RT: 8.10 min Scan# 1651
 Delta R.T. -0.05 min
 Lab File: VL036192.D
 Acq: 23 Dec 2020 10:37

Tgt Ion: 43 Resp: 1679782
 Ion Ratio Lower Upper
 43 100
 57 48.0 37.9 56.9





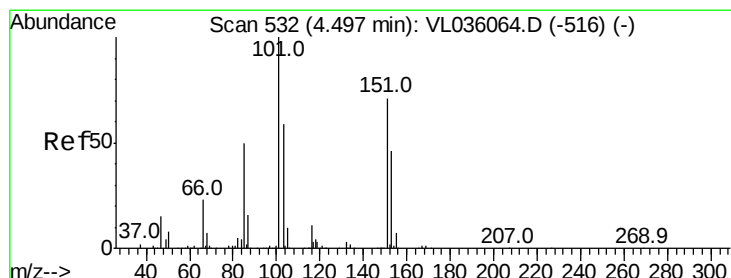
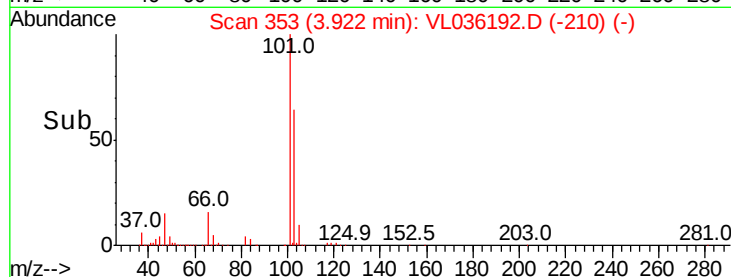
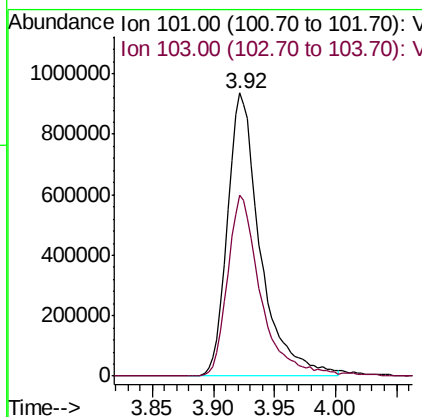
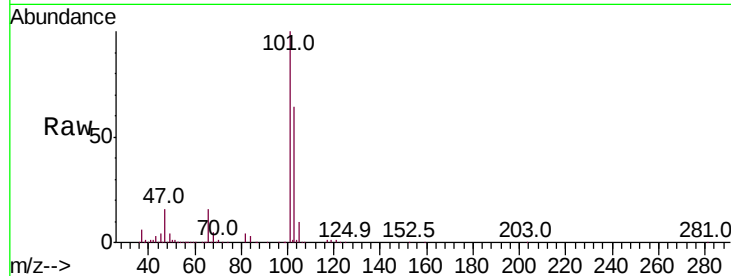
#11
 Trichlorofluoromethane
 Concen: 11.058 ppbv
 RT: 3.92 min Scan# 353
 Delta R.T. -0.04 min
 Lab File: VL036192.D
 Acq: 23 Dec 2020 10:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:101 Resp: 1762379
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.3 75.5

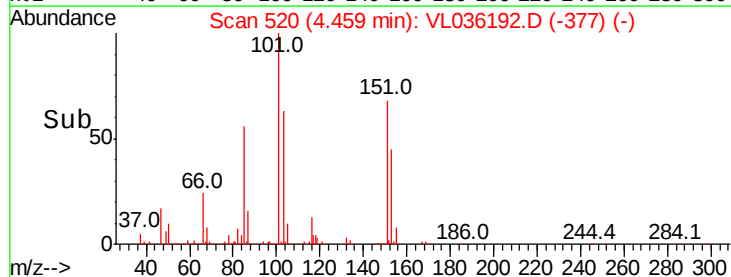
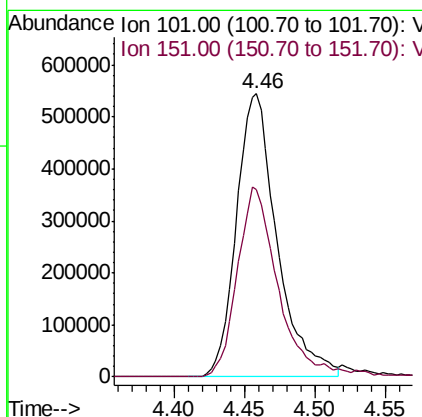
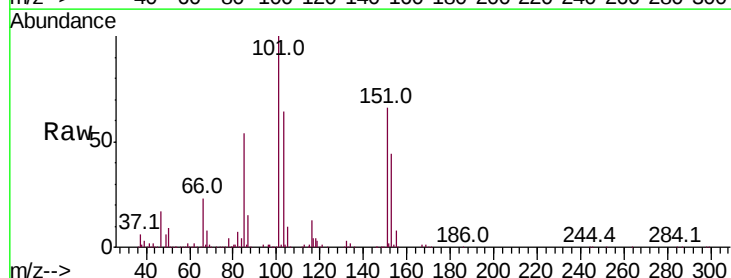
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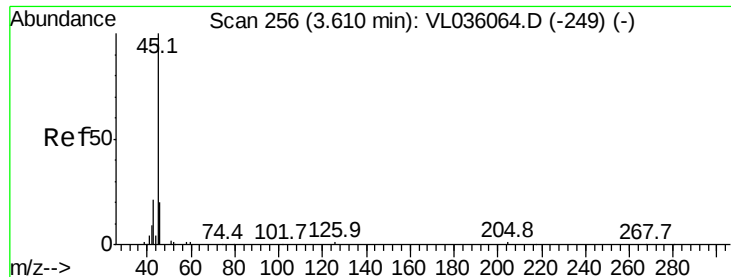
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.172 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. -0.04 min
 Lab File: VL036192.D
 Acq: 23 Dec 2020 10:37

Tgt Ion:101 Resp: 1101053
 Ion Ratio Lower Upper
 101 100
 151 68.4 59.3 88.9





#13

Ethanol

Concen: 10.794 ppbv

RT: 3.58 min Scan# 248

Delta R.T. -0.03 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 45 Resp: 98929

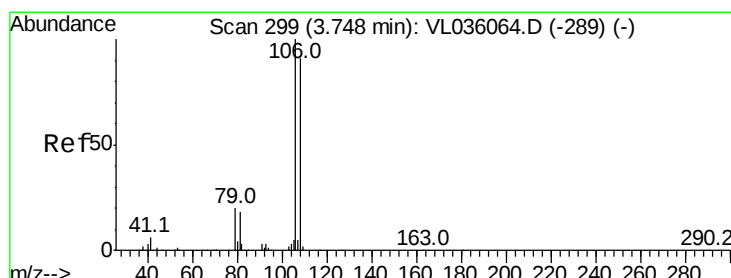
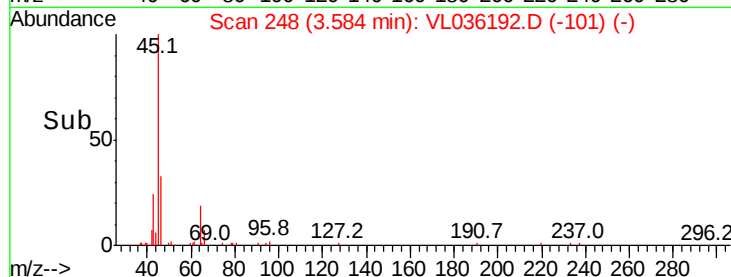
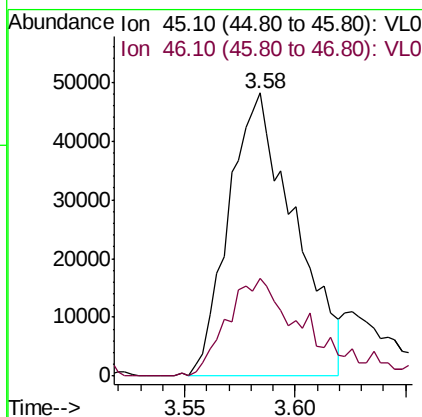
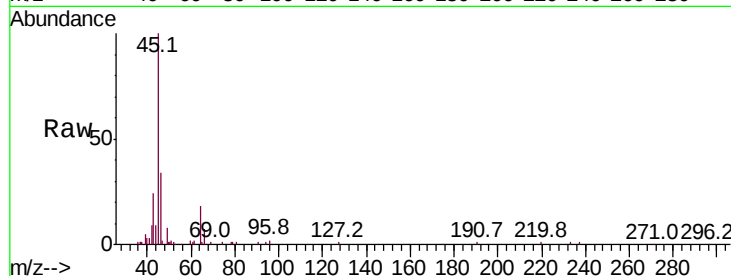
Ion Ratio Lower Upper

45 100

46 42.3 19.0 75.8

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#14

Bromoethene

Concen: 10.431 ppbv

RT: 3.71 min Scan# 287

Delta R.T. -0.04 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

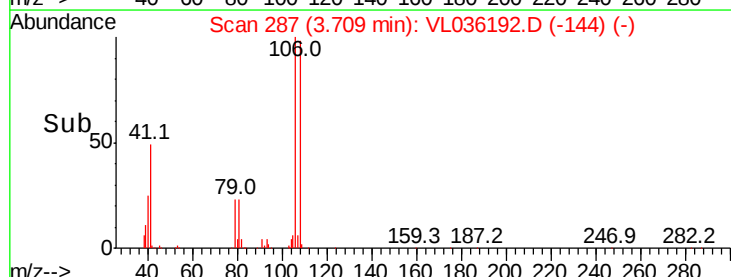
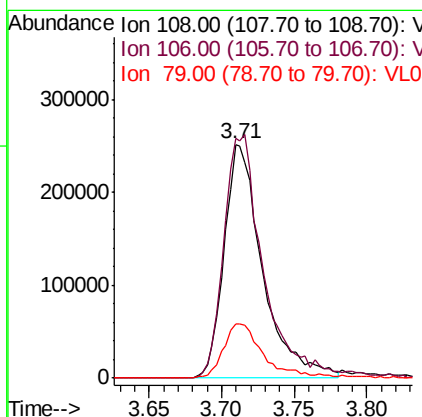
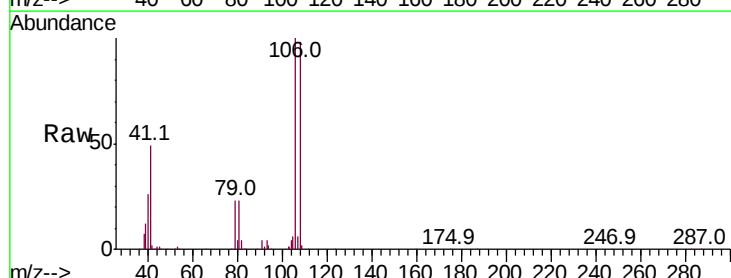
Tgt Ion: 108 Resp: 463189

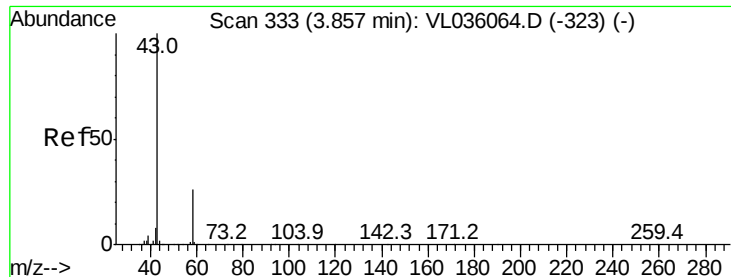
Ion Ratio Lower Upper

108 100

106 109.3 91.0 136.4

79 25.0 19.3 28.9





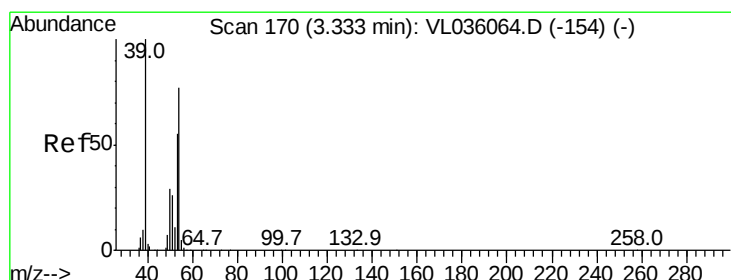
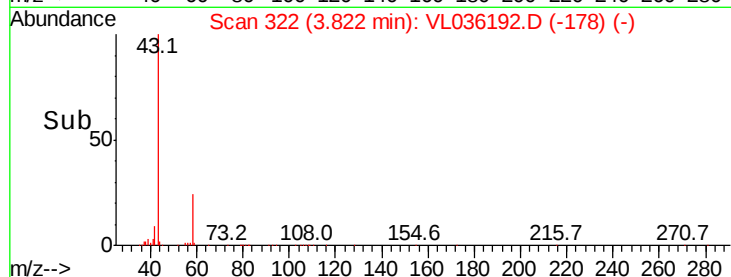
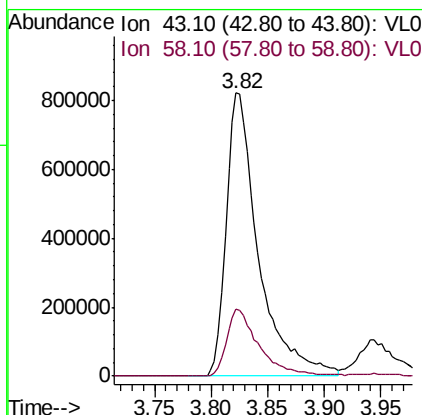
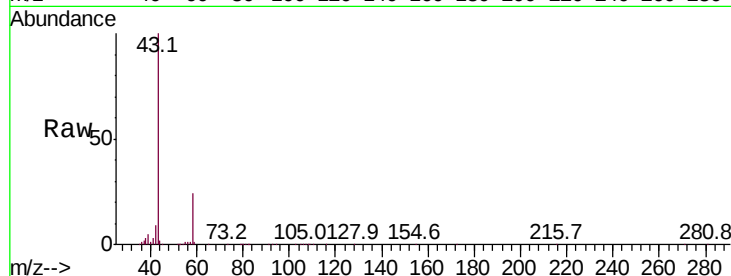
#15
Acetone
Concen: 11.659 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.04 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1629914
Ion Ratio Lower Upper
43 100
58 24.6 20.9 31.3

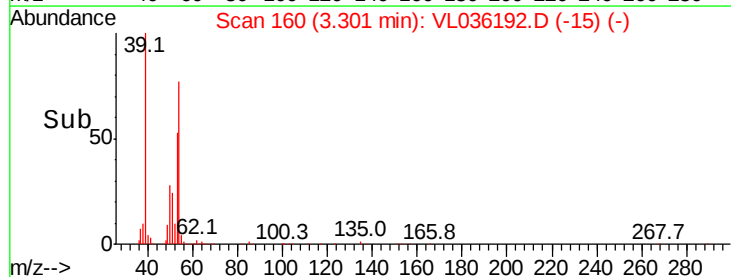
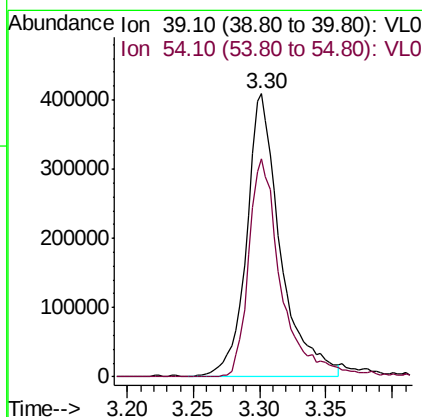
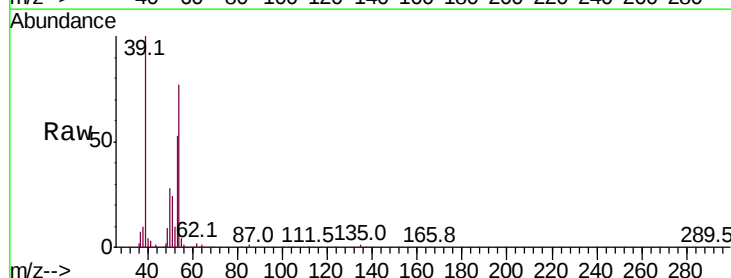
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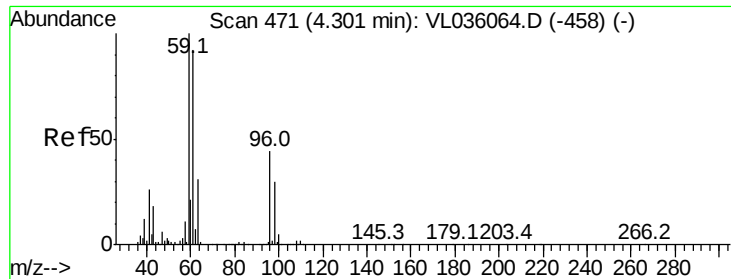
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#16
1,3-Butadiene
Concen: 10.272 ppbv
RT: 3.30 min Scan# 160
Delta R.T. -0.03 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 39 Resp: 723266
Ion Ratio Lower Upper
39 100
54 75.5 62.1 93.1





#17

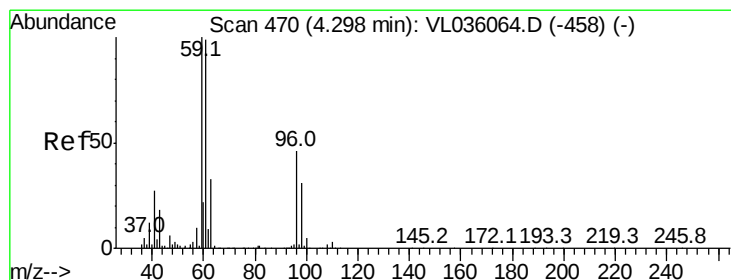
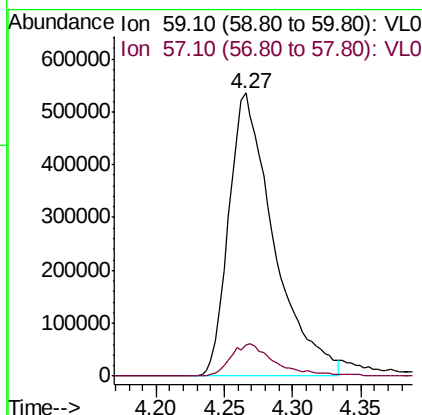
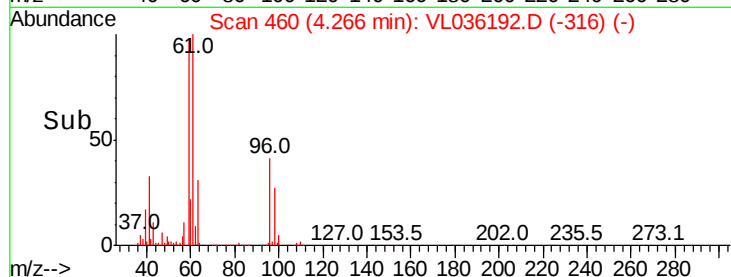
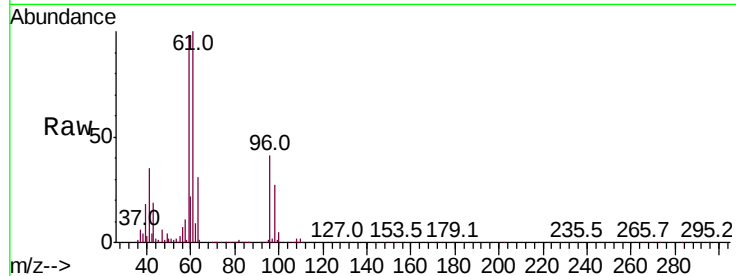
tert-Butyl alcohol
Concen: 9.068 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.04 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 59 Resp: 1227869
Ion Ratio Lower Upper
59 100
57 11.7 8.7 13.1

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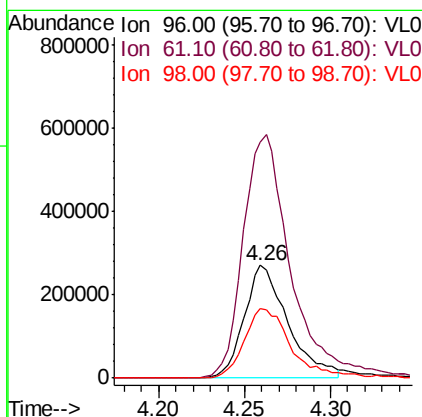
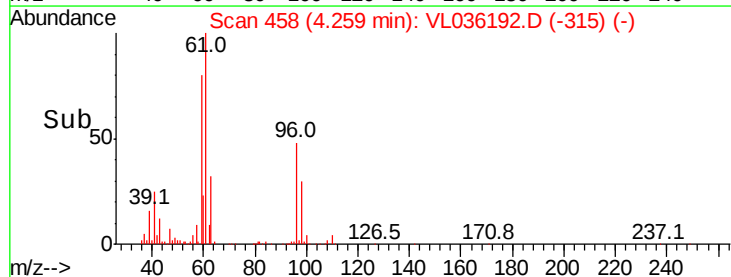
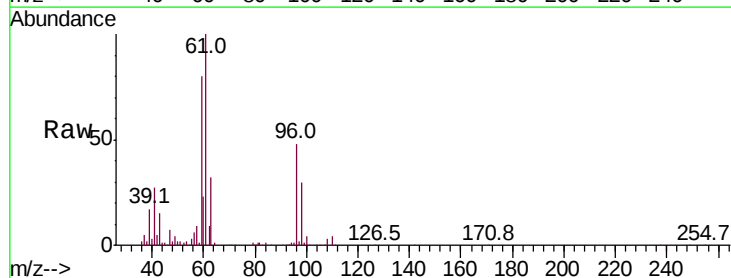
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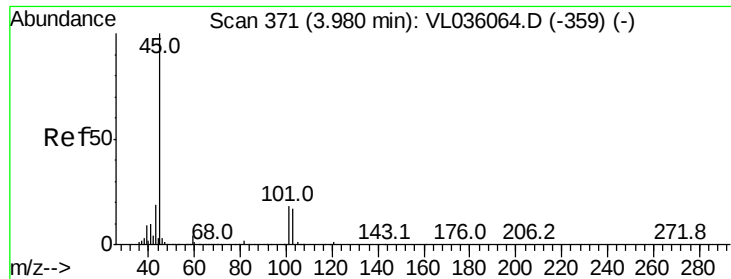


#18

1,1-Dichloroethene
Concen: 9.953 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.04 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 96 Resp: 478322
Ion Ratio Lower Upper
96 100
61 209.0 171.4 257.2
98 61.7 54.2 81.2





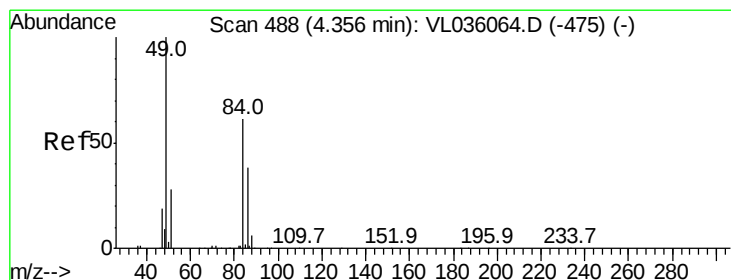
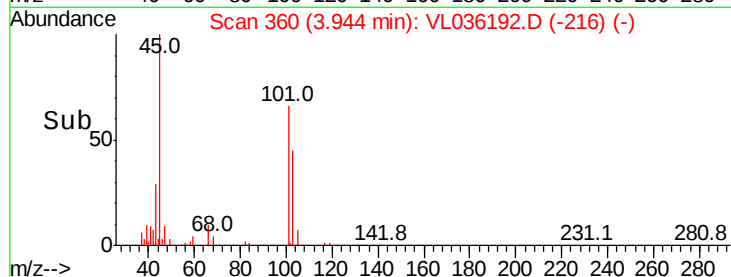
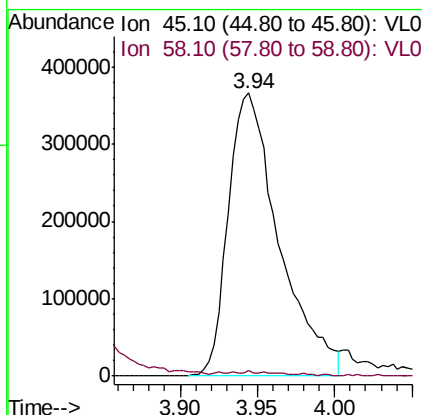
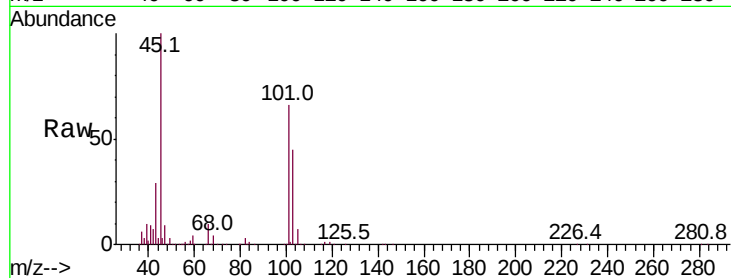
#19
Isopropyl Alcohol
Concen: 9.751 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.04 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 45 Resp: 833219
Ion Ratio Lower Upper
45 100
58 1.7 0.0 0.0#

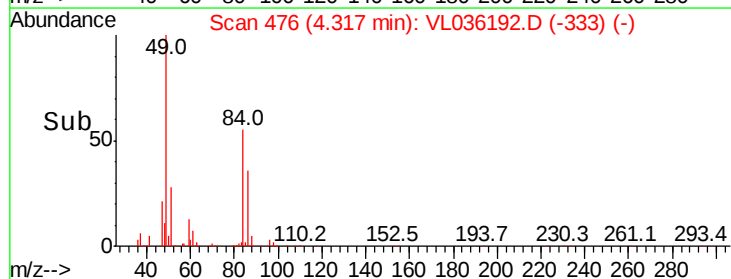
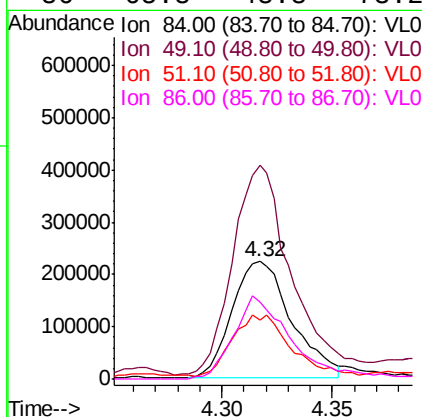
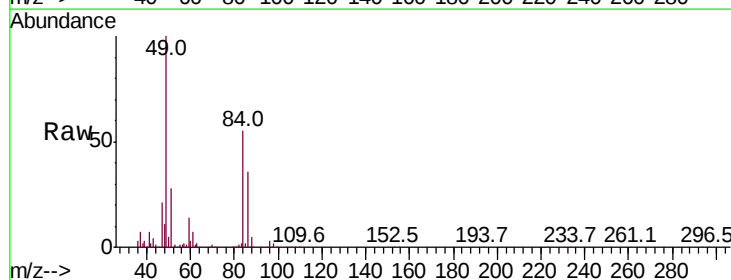
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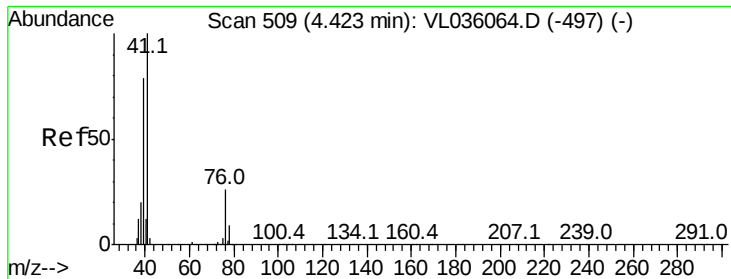
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#20
Methylene Chloride
Concen: 7.356 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.04 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 84 Resp: 421380
Ion Ratio Lower Upper
84 100
49 179.0 133.0 199.4
51 47.9 38.9 58.3
86 65.8 48.8 73.2





#21

Allvl Chloride

Concen: 10.051 ppbv

RT: 4.38 min Scan# 497

Delta R.T. -0.04 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

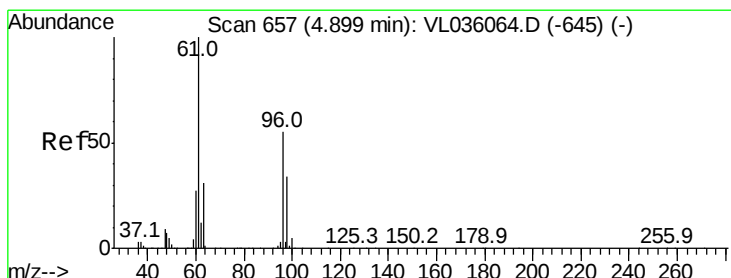
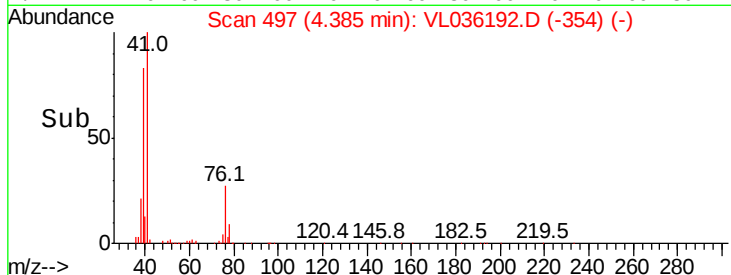
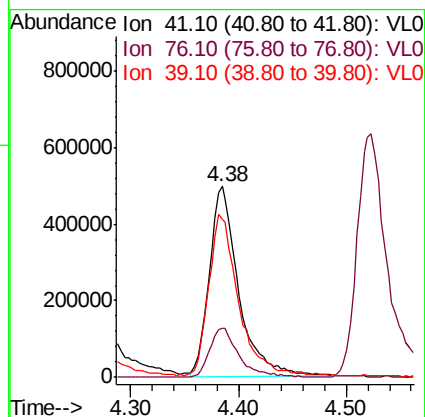
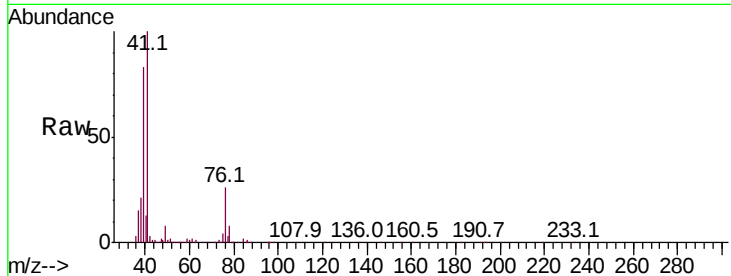
ClientSampleId :

VSTDCCC010

Tot Ion:	41	Resp:	934335
Ion Ratio	Lower	Upper	
41	100		
76	26.1	21.0	31.4
39	86.7	66.0	99.0

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#22

trans-1,2-Dichloroethene

Concen: 9.838 ppbv

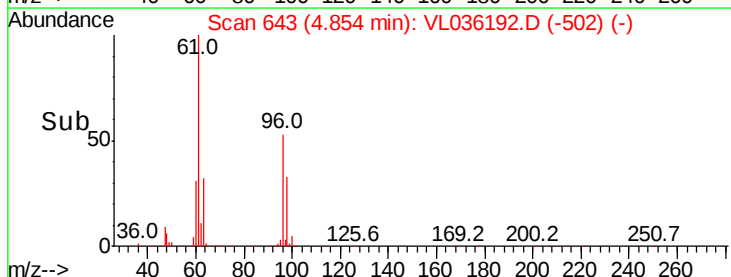
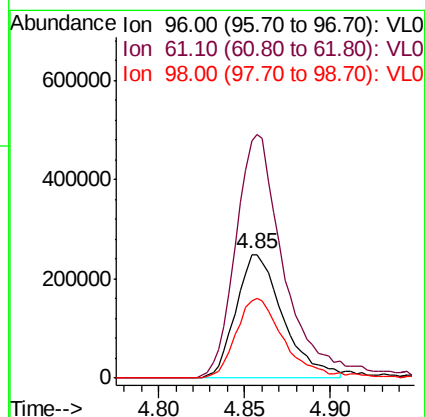
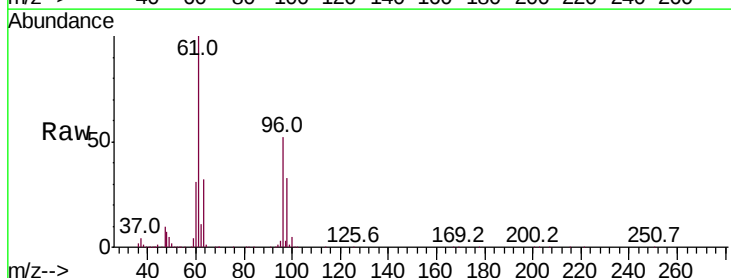
RT: 4.85 min Scan# 643

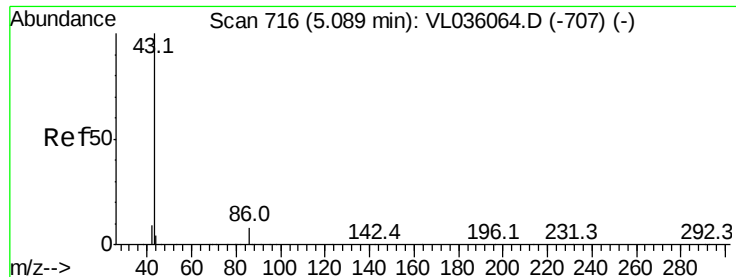
Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion:	96	Resp:	473368
Ion Ratio	Lower	Upper	
96	100		
61	192.1	145.7	218.5
98	62.6	49.2	73.8





#23

Vinyl Acetate

Concen: 10.346 ppbv

RT: 5.05 min Scan# 703

Delta R.T. -0.04 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 1925624

Ion Ratio Lower Upper

43 100

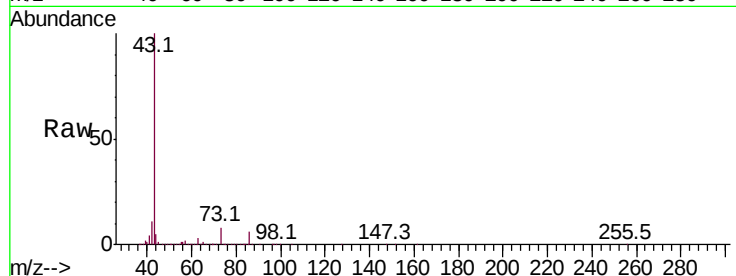
86 6.0 5.0 7.4

42 10.8 7.8 11.6

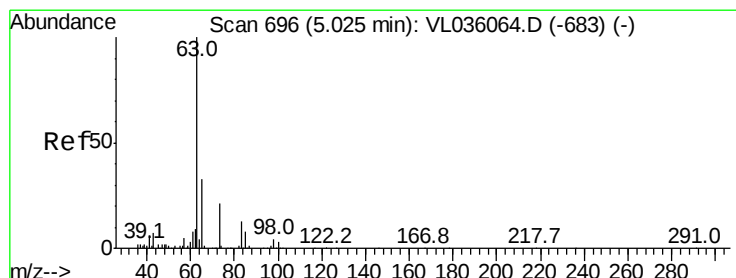
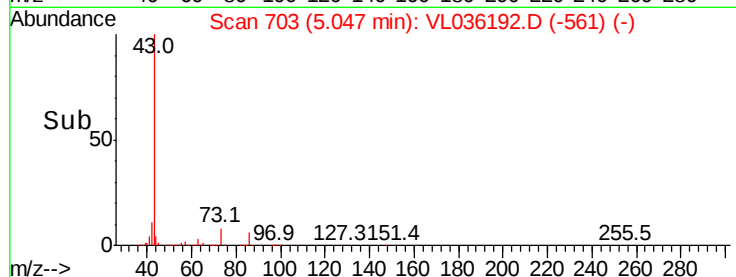
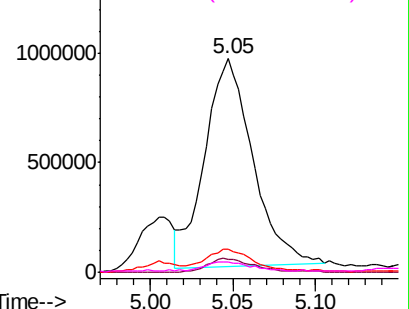
44 4.3 3.2 4.8

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Abundance Ion 43.10 (42.80 to 43.80): VL0
1500000 Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.820 ppbv

RT: 4.99 min Scan# 684

Delta R.T. -0.04 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

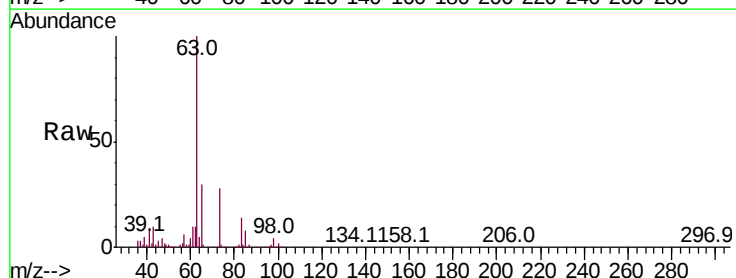
Tgt Ion: 63 Resp: 1285465

Ion Ratio Lower Upper

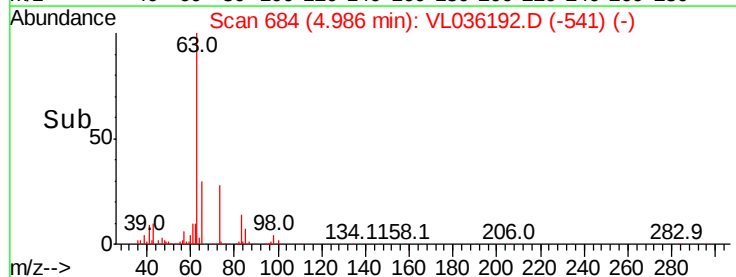
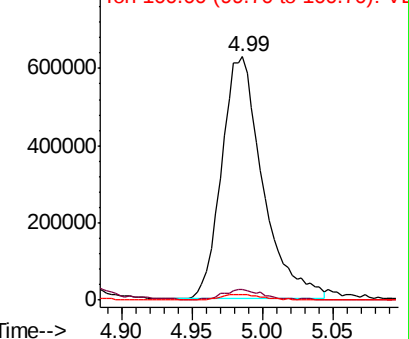
63 100

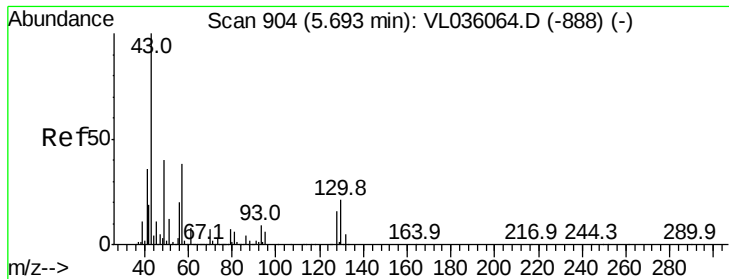
98 4.1 2.2 6.6

100 2.2 1.5 4.4



Abundance Ion 63.10 (62.80 to 63.80): VL0
800000 Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 10.387 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 2900981

Ion Ratio Lower Upper

43 100

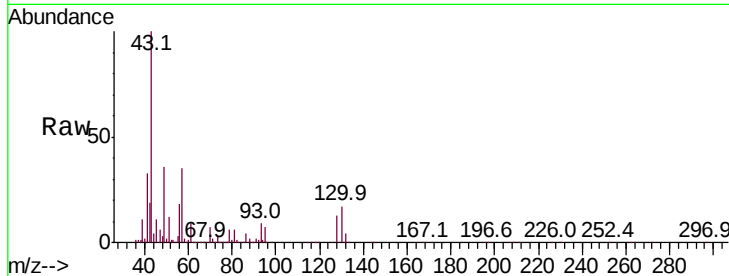
45 10.2 8.2 12.4

61 9.4 7.4 11.2

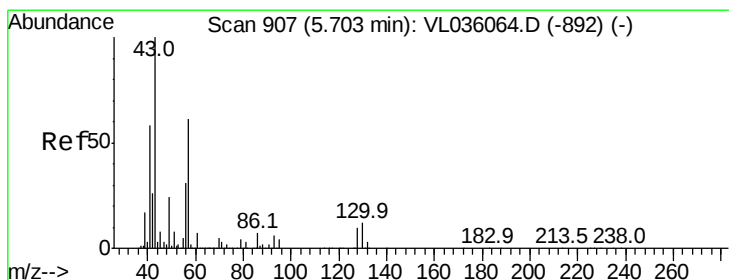
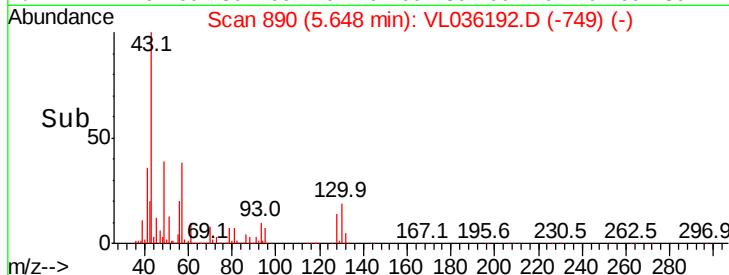
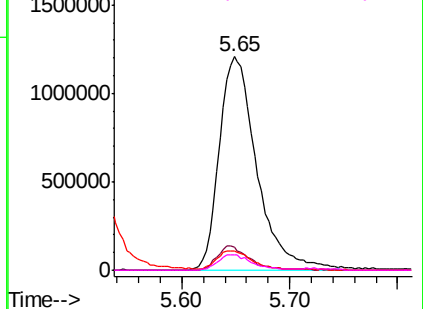
70 6.7 5.4 8.0

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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: 9.388 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion: 57 Resp: 1180057

Ion Ratio Lower Upper

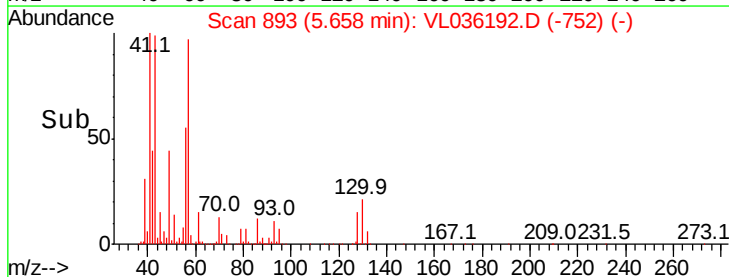
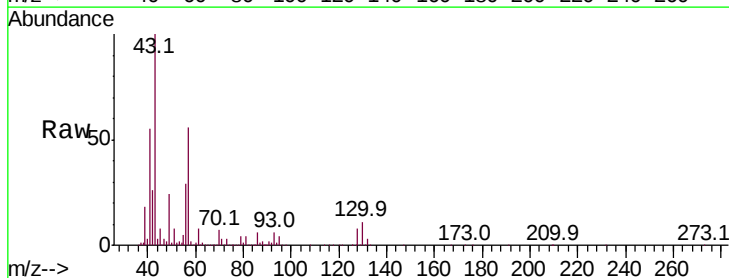
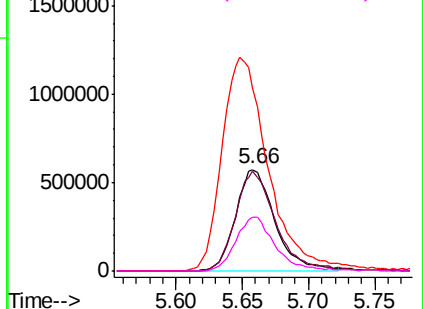
57 100

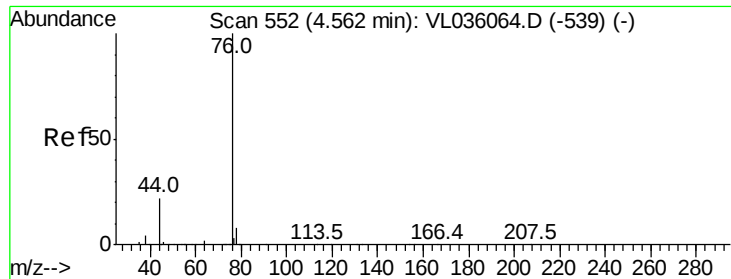
41 102.6 82.9 124.3

43 250.5 199.9 299.9

56 54.3 43.1 64.7

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: 9.991 ppbv

RT: 4.52 min Scan# 540

Delta R.T. -0.04 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 76 Resp: 1248049

Ion Ratio Lower Upper

76 100

44 24.4 17.9 26.9

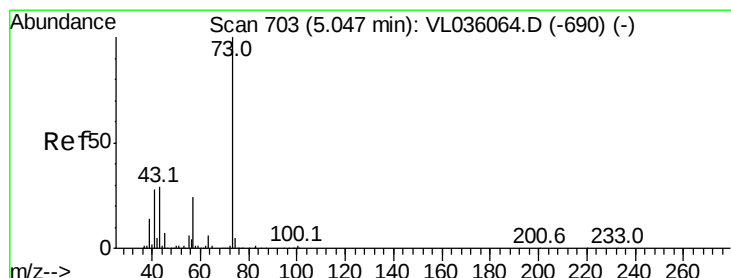
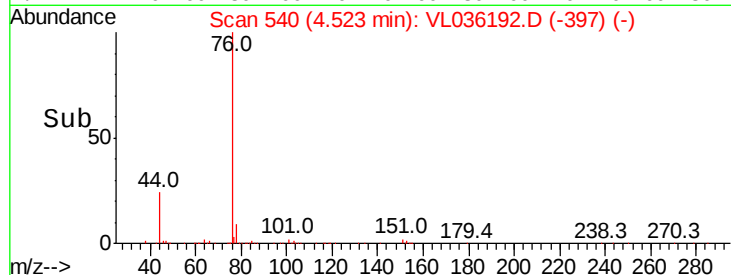
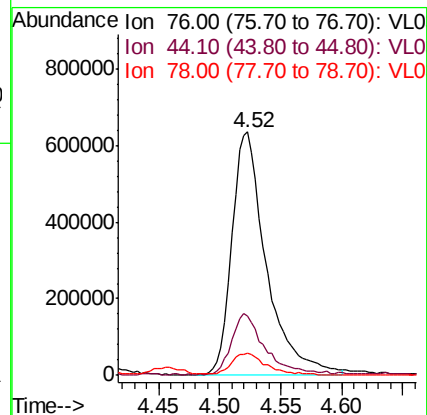
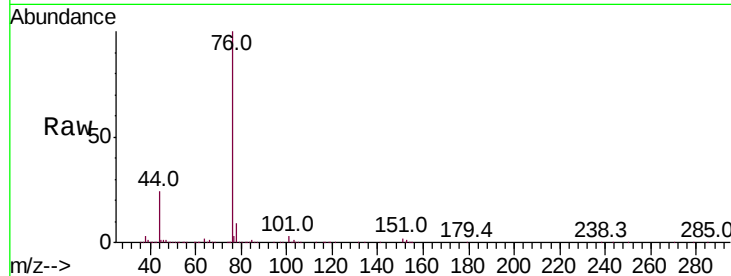
78 9.8 7.8 11.8

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#28

Methyl tert-Butyl Ether

Concen: 9.531 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.04 min

Lab File: VL036192.D

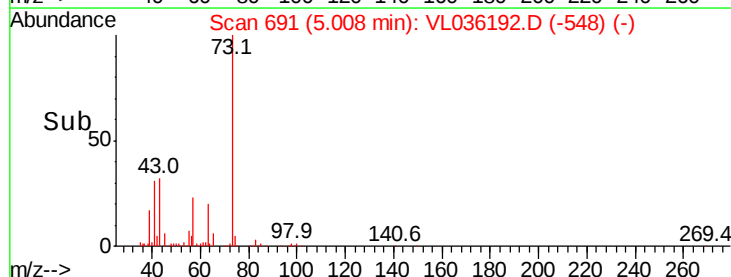
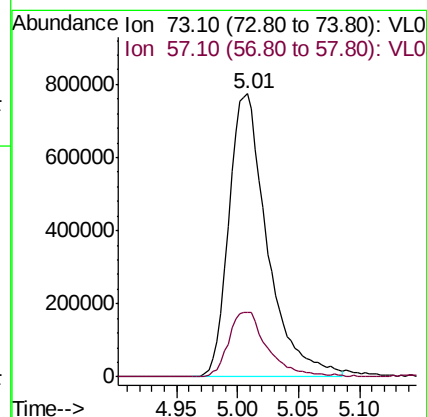
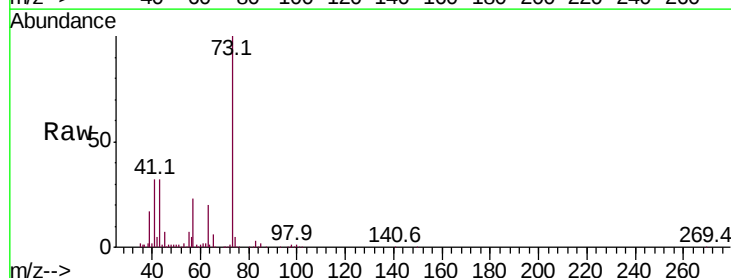
Acq: 23 Dec 2020 10:37

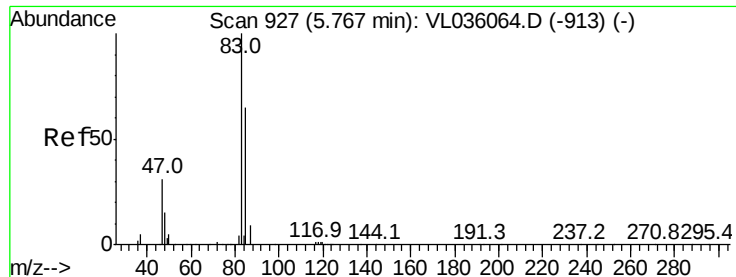
Tgt Ion: 73 Resp: 1703216

Ion Ratio Lower Upper

73 100

57 23.5 19.2 28.8





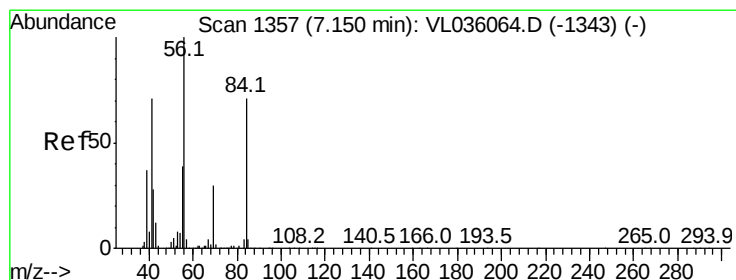
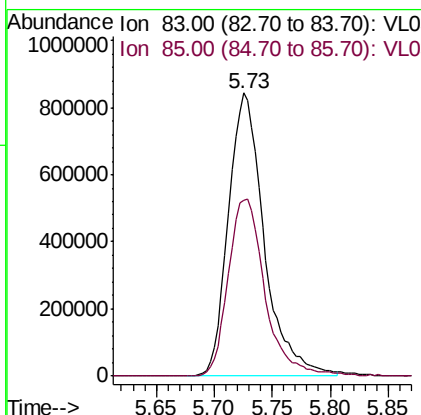
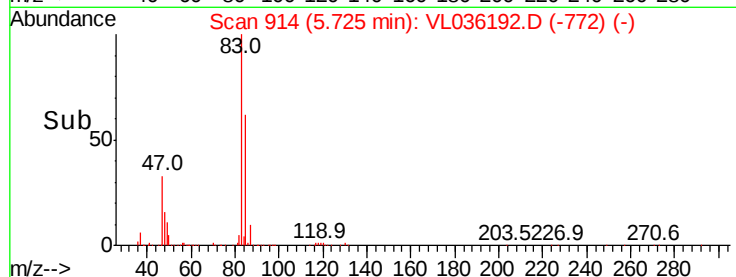
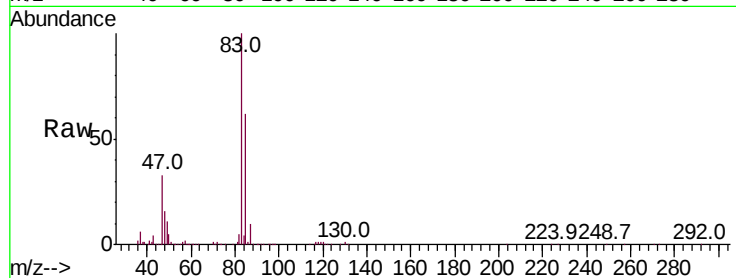
#29
Chloroform
Concen: 10.925 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.04 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 1803282
Ion Ratio Lower Upper
83 100
85 62.2 51.8 77.6

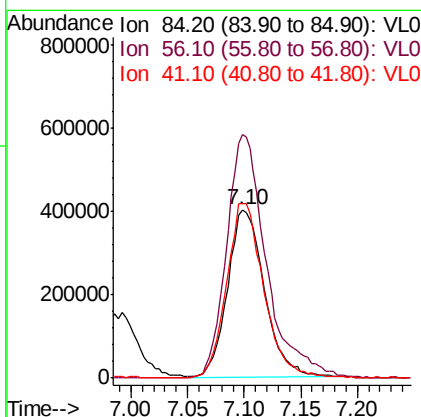
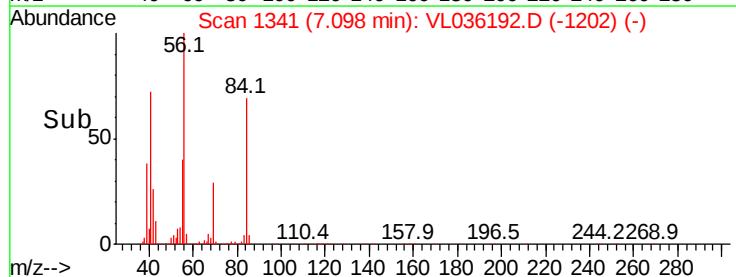
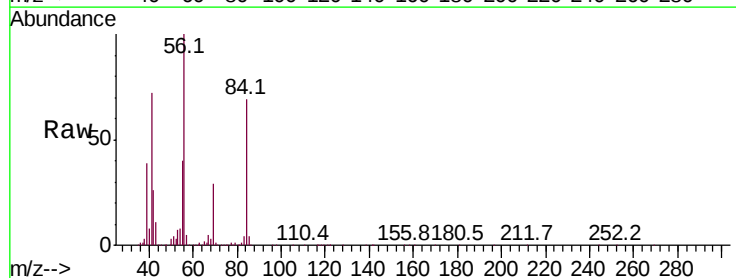
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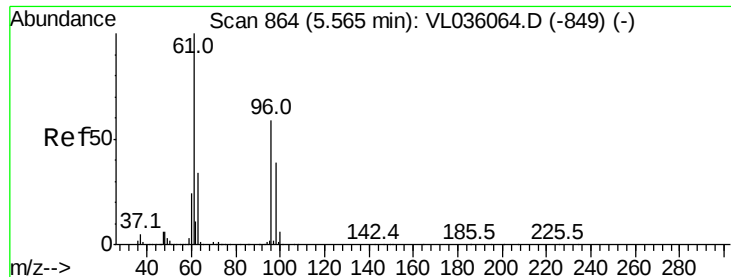
MMDadoda
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#30
Cyclohexane
Concen: 9.874 ppbv
RT: 7.10 min Scan# 1341
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 84 Resp: 911657
Ion Ratio Lower Upper
84 100
56 157.9 128.0 192.0
41 105.6 81.3 121.9





#31

cis-1,2-Dichloroethene

Concen: 10.730 ppbv

RT: 5.52 min Scan# 851

Delta R.T. -0.04 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

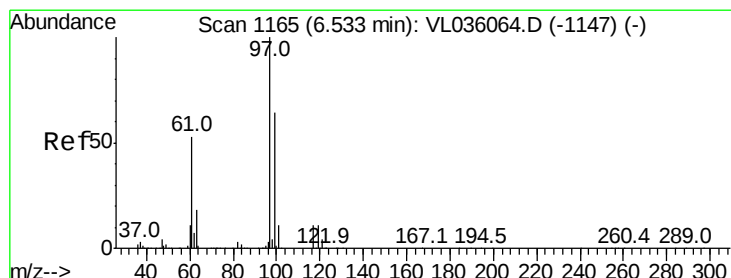
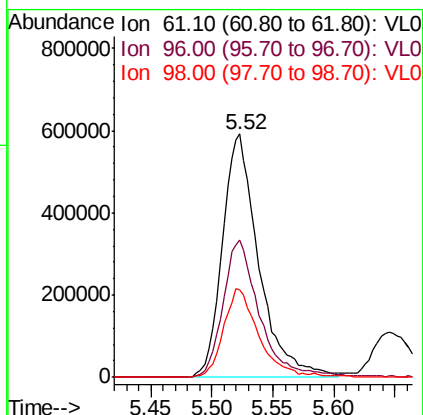
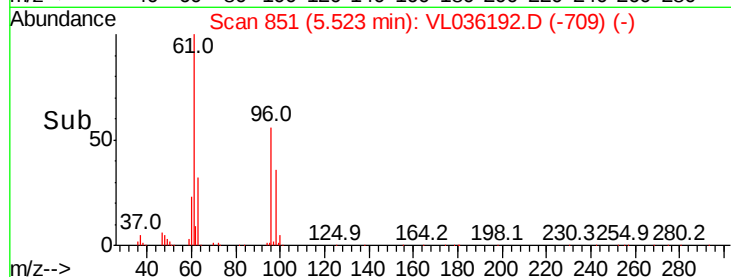
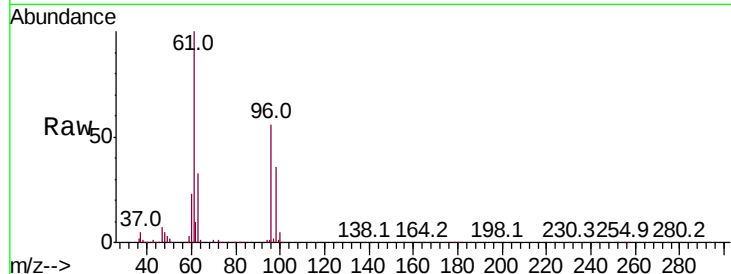
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 61 Resp: 1226002

Ion	Ratio	Lower	Upper
61	100		
96	56.3	47.3	70.9
98	35.7	31.4	47.0

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#32

1,1,1-Trichloroethane

Concen: 10.426 ppbv

RT: 6.48 min Scan# 1150

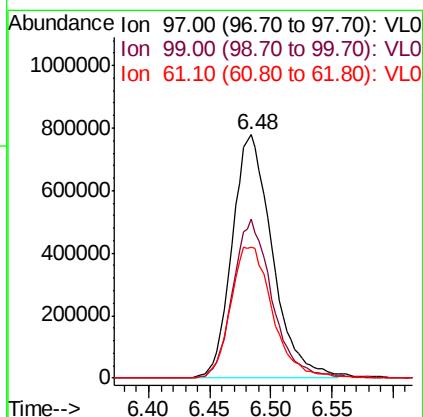
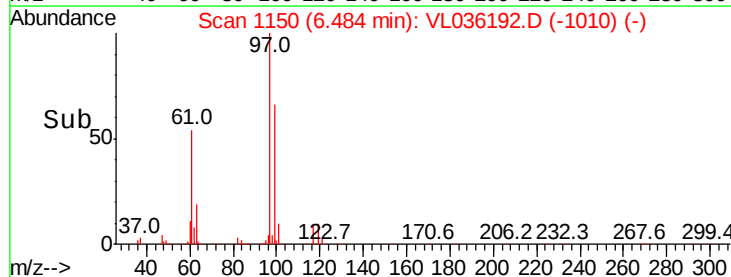
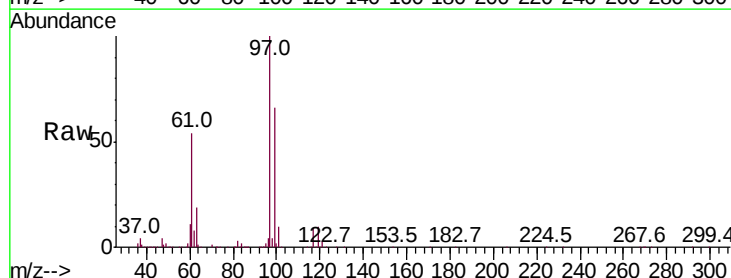
Delta R.T. -0.05 min

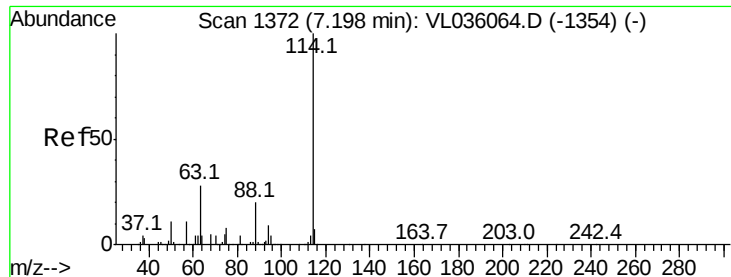
Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion: 97 Resp: 1775702

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.4	78.6
61	56.9	43.4	65.0





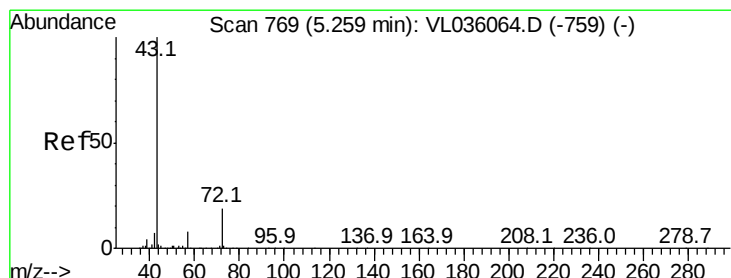
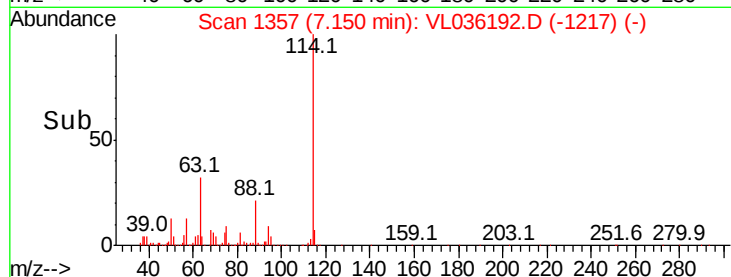
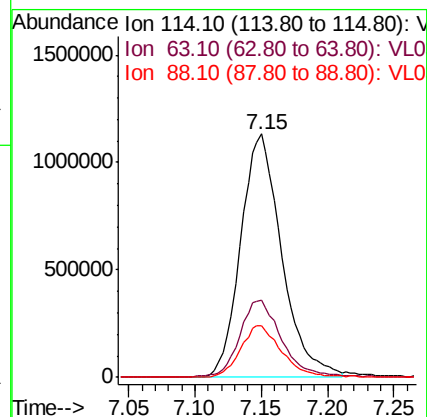
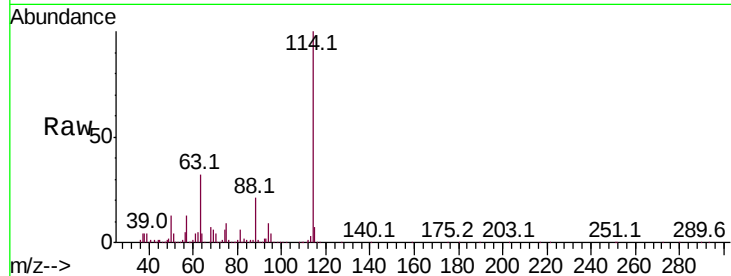
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
114	100		
63	32.7	23.6	35.4
88	21.3	15.8	23.6

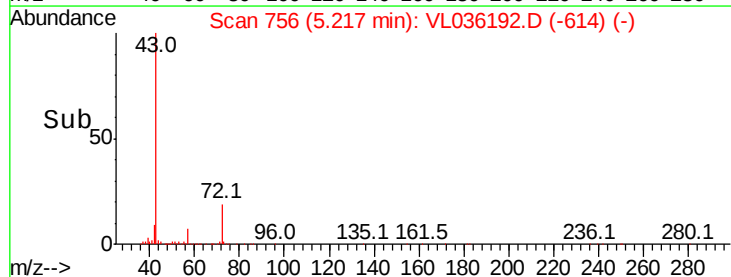
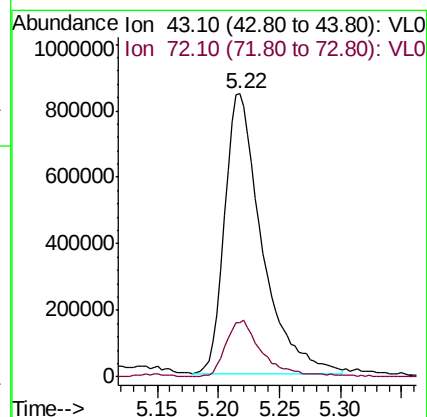
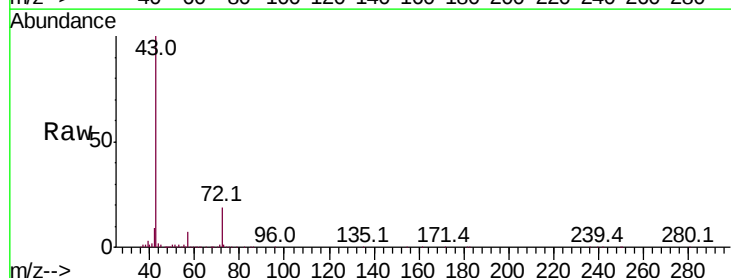
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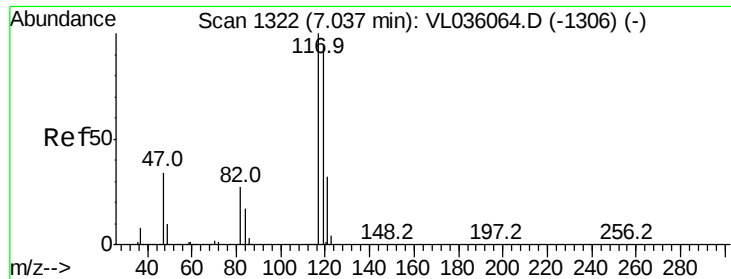
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#34
2-Butanone
Concen: 11.132 ppbv
RT: 5.22 min Scan# 756
Delta R.T. -0.04 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.4	16.5	24.7





#35

Carbon Tetrachloride

Concen: 12.078 ppbv

RT: 6.99 min Scan# 1308

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:117 Resp: 1719135

Ion Ratio Lower Upper

117 100

119 95.1 75.1 112.7

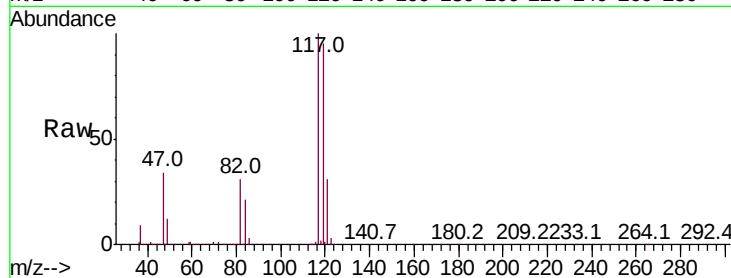
121 30.6 25.6 38.4

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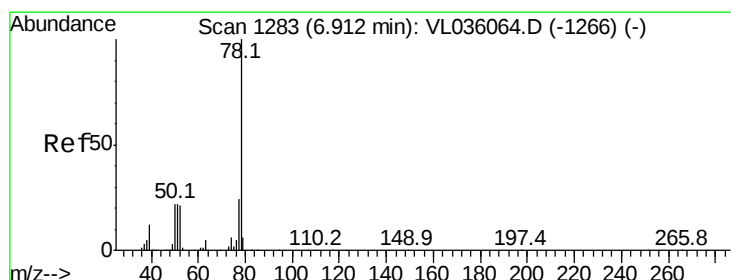
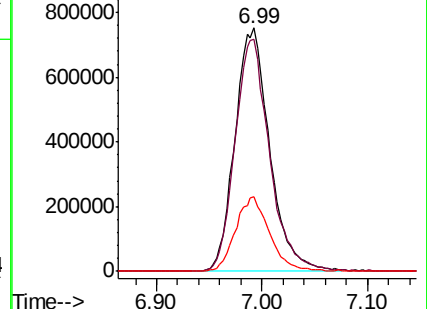
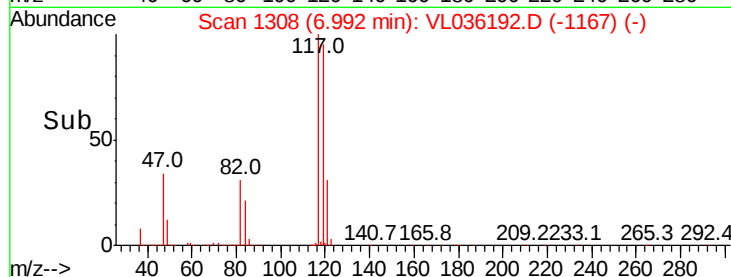
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 11.205 ppbv

RT: 6.86 min Scan# 1268

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

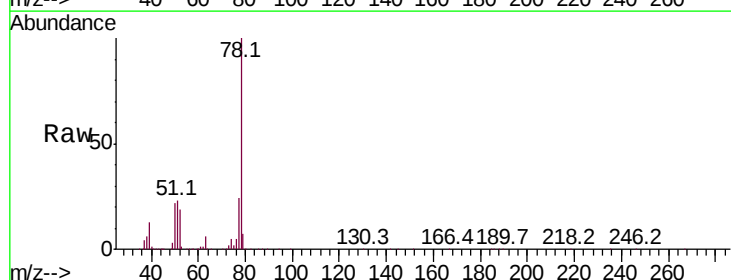
Tgt Ion: 78 Resp: 2317850

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.2

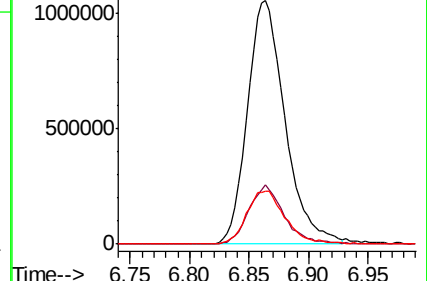
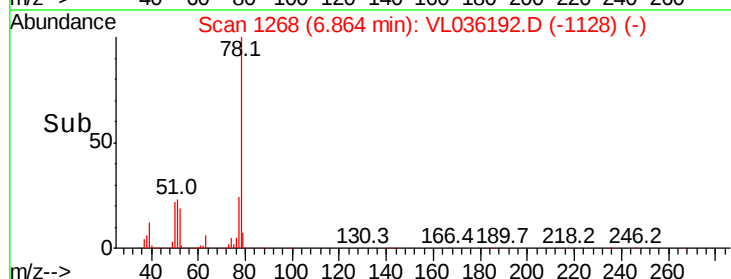
50 21.7 17.8 26.8

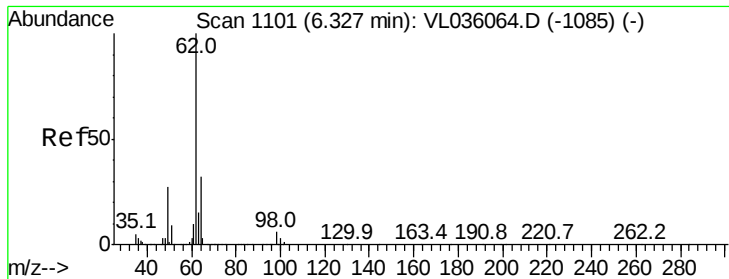


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 12.920 ppbv

RT: 6.28 min Scan# 1086

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 62 Resp: 1548705

Ion Ratio Lower Upper

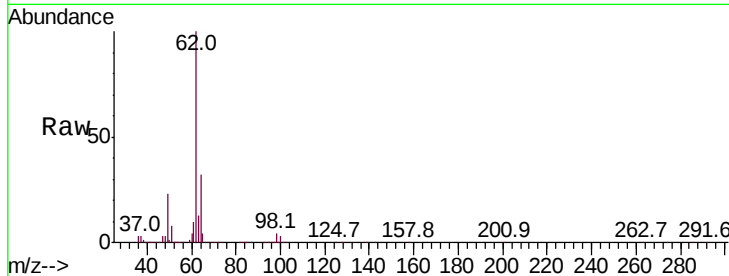
62 100

98 4.9 4.6 7.0

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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

6.28

800000

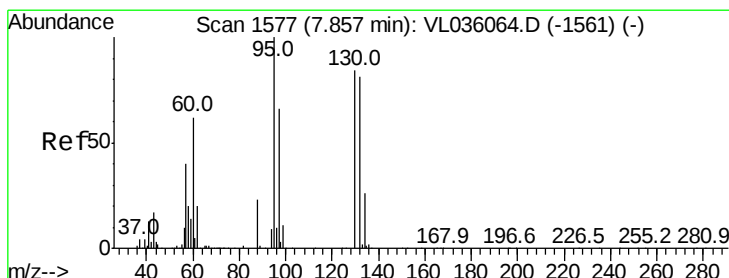
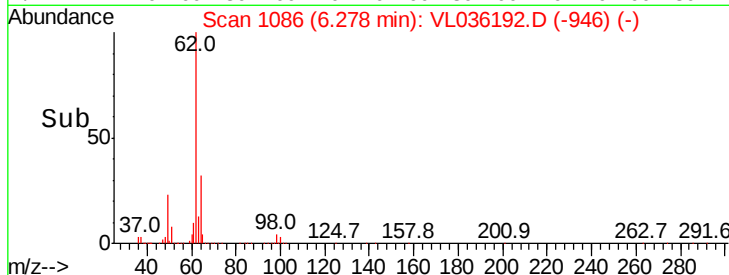
600000

400000

200000

0

Time-->



#38

Trichloroethene

Concen: 9.265 ppbv

RT: 7.81 min Scan# 1561

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion:130 Resp: 716446

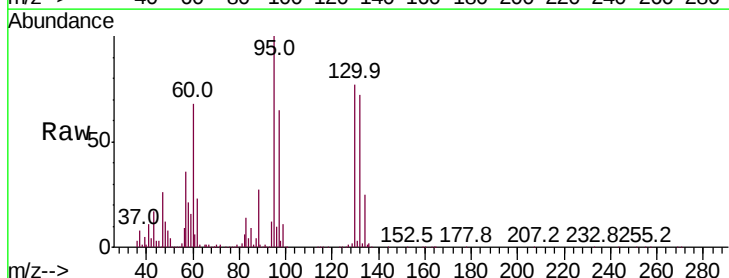
Ion Ratio Lower Upper

130 100

95 130.4 95.2 142.8

132 94.3 76.9 115.3

97 84.5 62.3 93.5



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

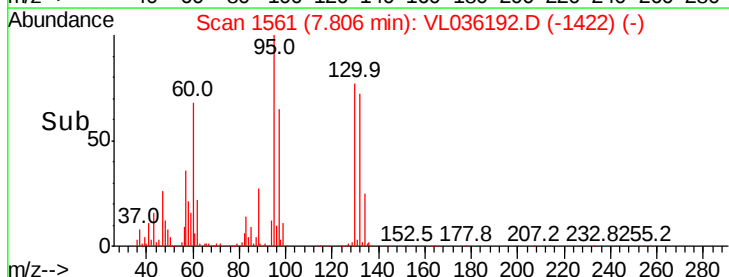
600000

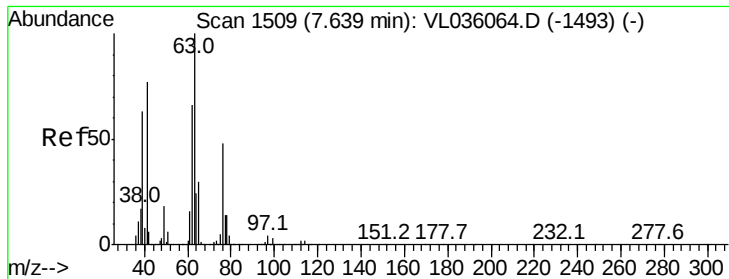
400000

200000

0

Time-->





#39

1,2-Dichloropropane

Concen: 11.685 ppbv

RT: 7.58 min Scan# 1492

Delta R.T. -0.05 min

Lab File: VL036192.D

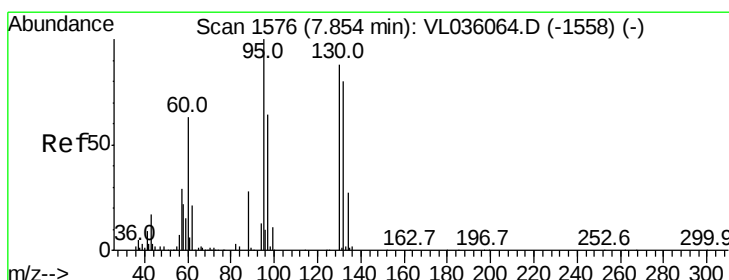
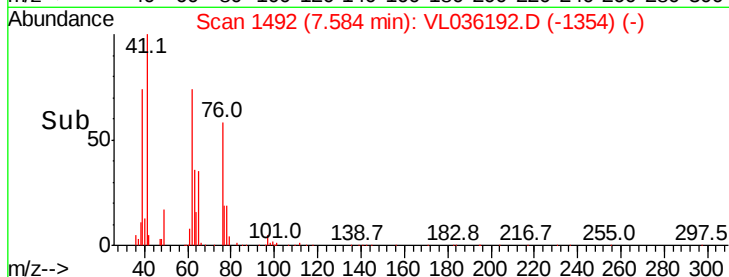
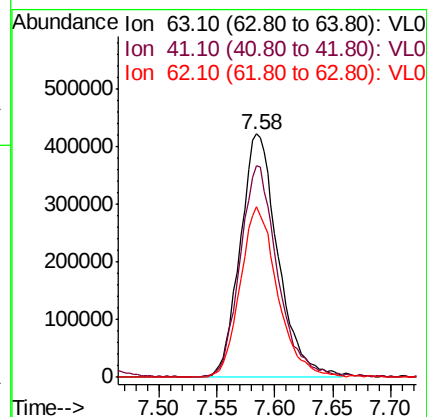
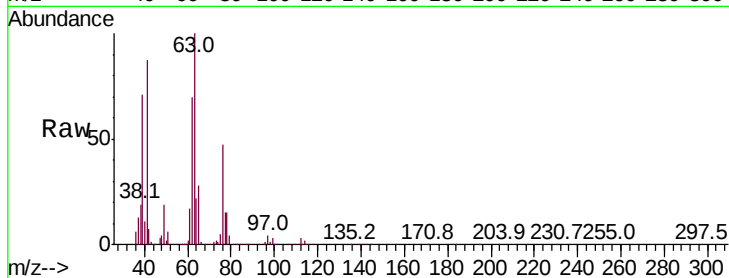
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
63	100		
41	86.4	61.9	92.9
62	70.1	52.5	78.7

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#40

1,4-Dioxane

Concen: 12.739 ppbv m

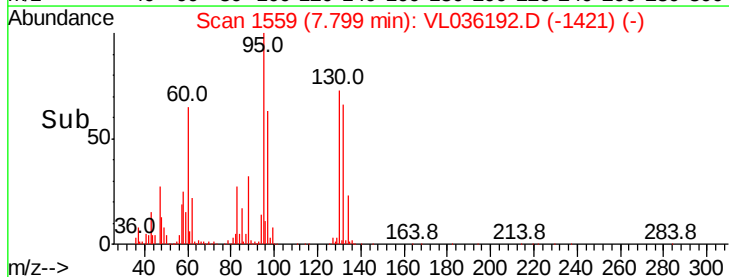
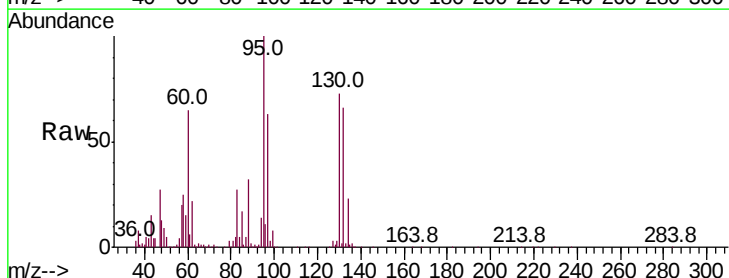
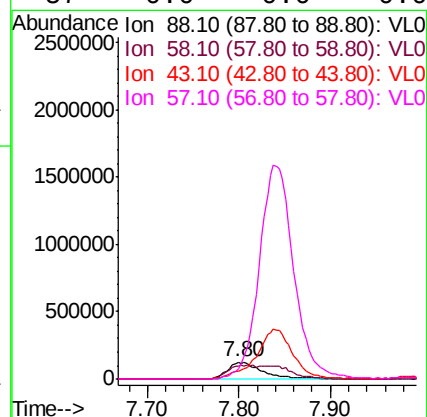
RT: 7.80 min Scan# 1559

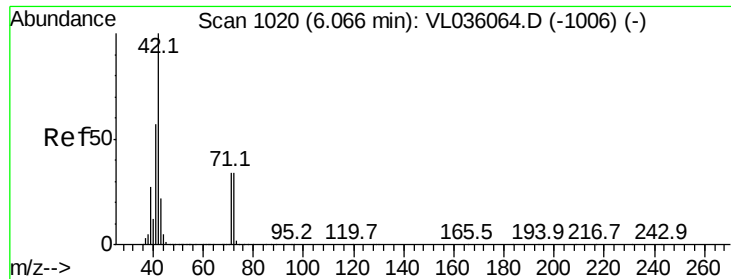
Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	122.6	184.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





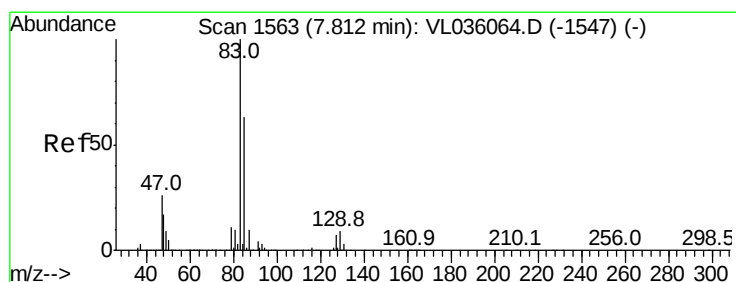
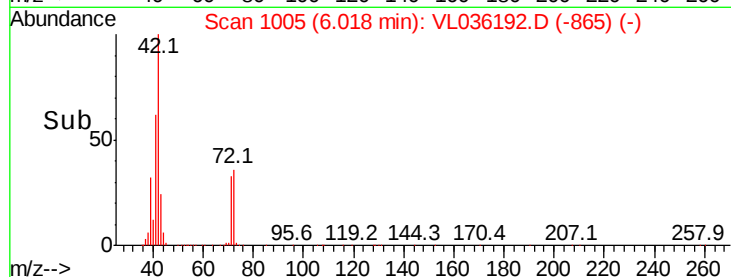
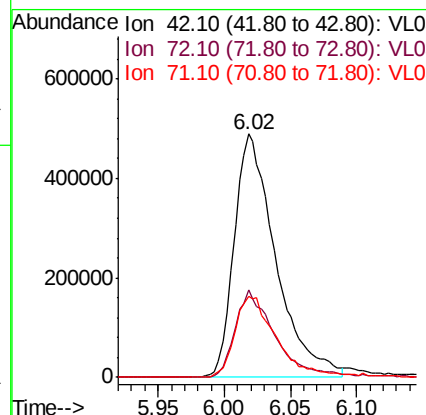
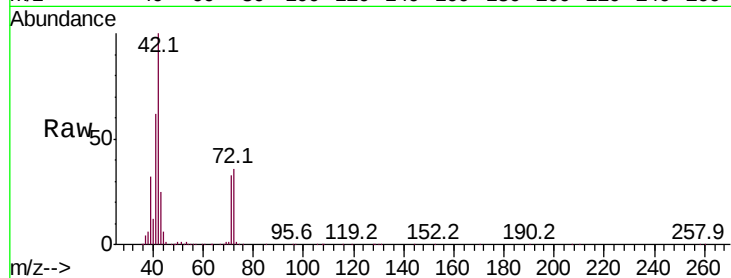
#41
Tetrahydrofuran
Concen: 11.067 ppbv
RT: 6.02 min Scan# 1005
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.3	28.3	42.5
71	34.3	27.3	40.9

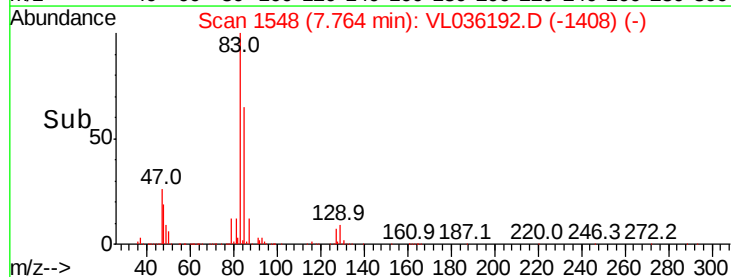
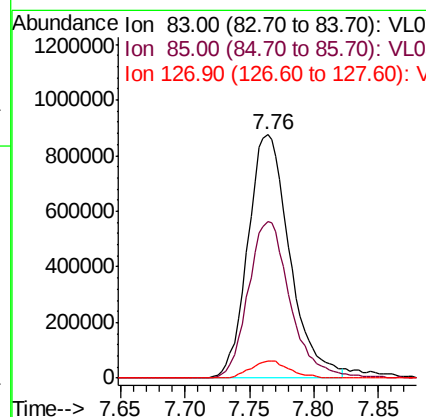
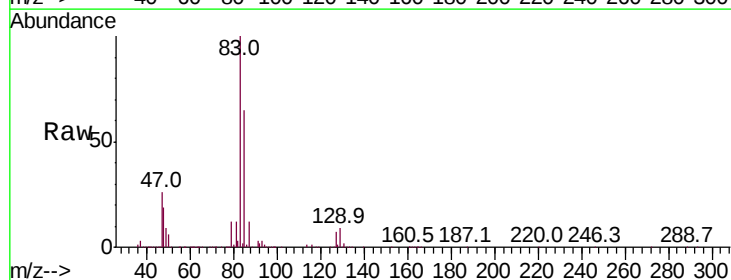
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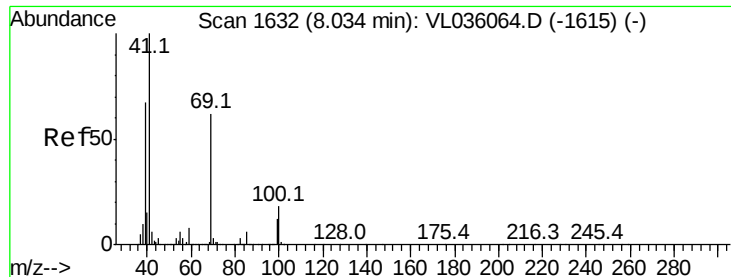
MMDadoda
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#42
Bromodichloromethane
Concen: 12.409 ppbv
RT: 7.76 min Scan# 1548
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.2
127	7.0	5.5	8.3





#43

Methyl Methacrylate

Concen: 11.878 ppbv

RT: 7.99 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

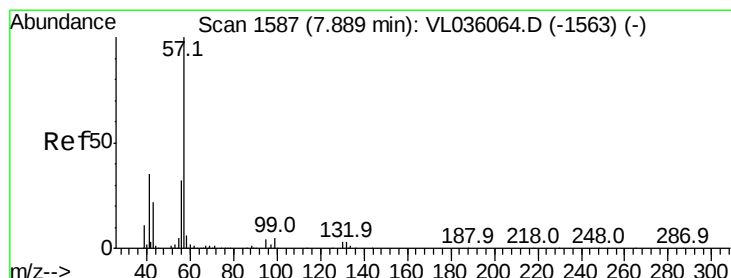
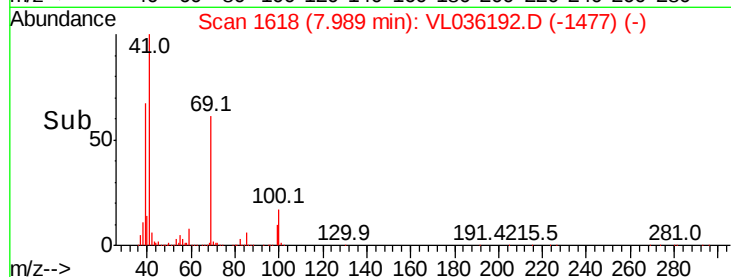
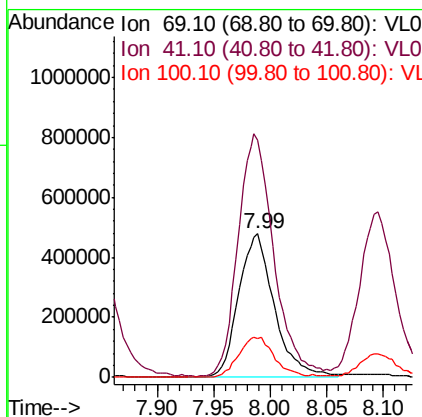
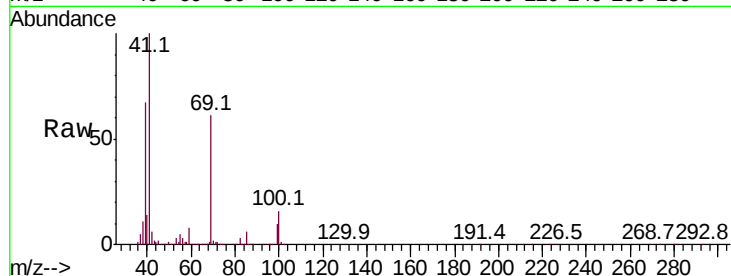
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 1054117

Ion	Ratio	Lower	Upper
69	100		
41	170.2	133.0	199.6
100	28.4	25.4	38.0

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#44

2,2,4-Trimethylpentane

Concen: 11.052 ppbv

RT: 7.84 min Scan# 1571

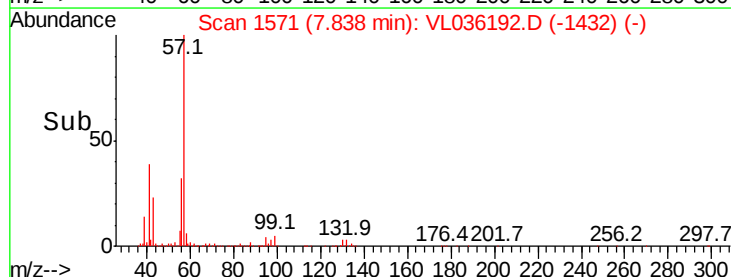
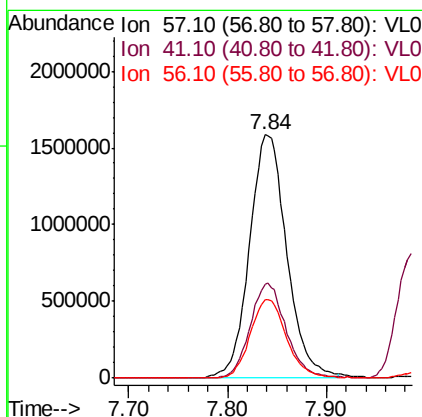
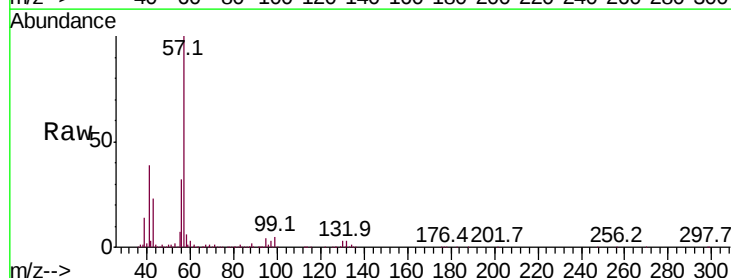
Delta R.T. -0.05 min

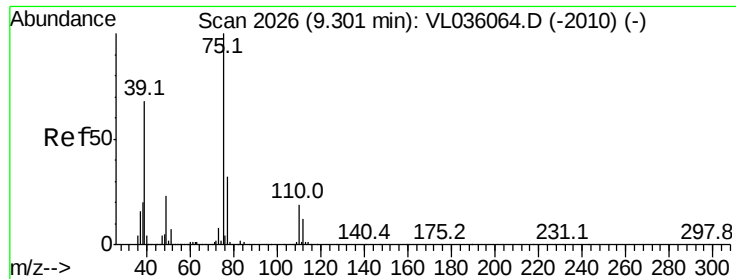
Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion: 57 Resp: 4140495

Ion	Ratio	Lower	Upper
57	100		
41	37.3	28.9	43.3
56	31.6	25.3	37.9





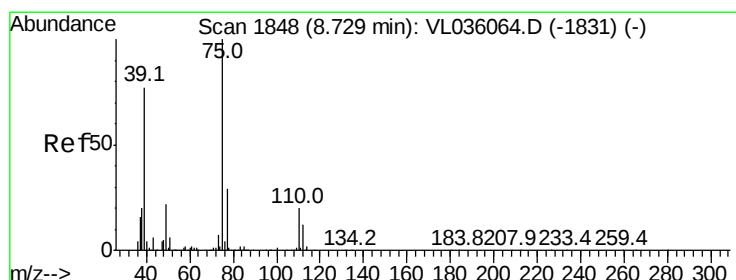
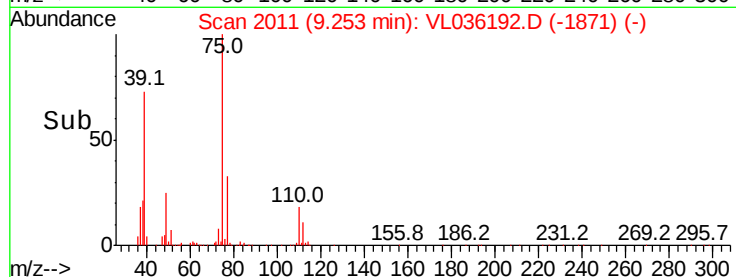
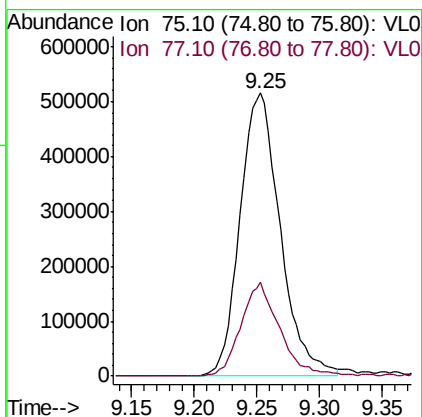
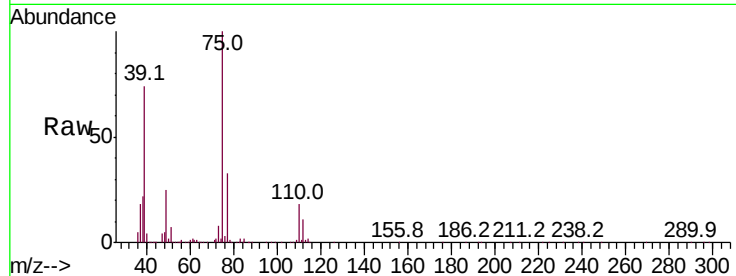
#45
t-1,3-Dichloropropene
Concen: 12.632 ppbv
RT: 9.25 min Scan# 2011
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 1151690
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0

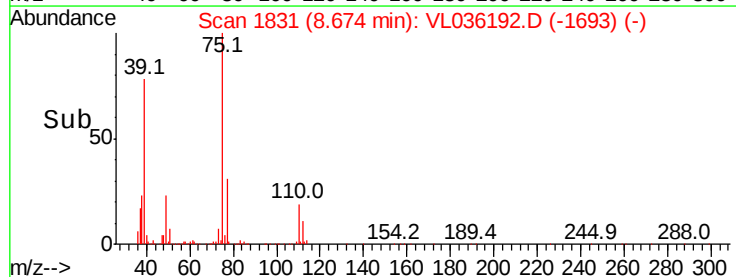
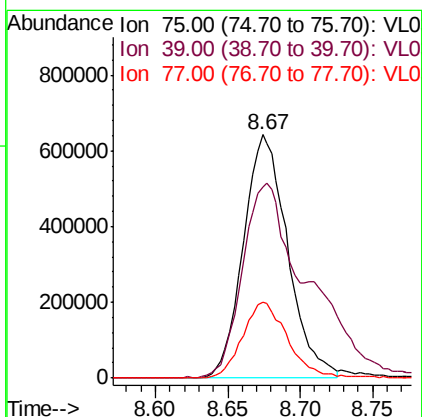
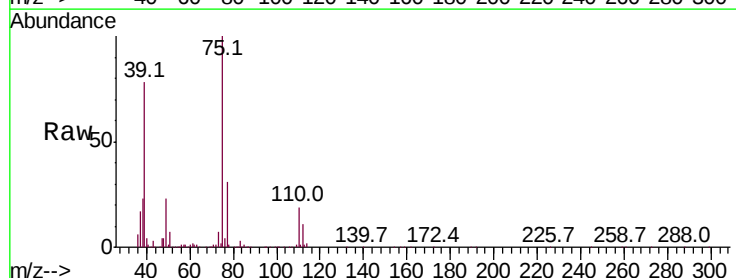
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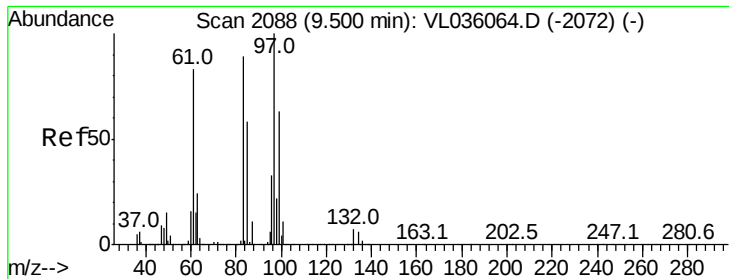
MMDadoda
12/26/2020 1:35:58 PM



#46
cis-1,3-Dichloropropene
Concen: 11.949 ppbv
RT: 8.67 min Scan# 1831
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 75 Resp: 1365433
Ion Ratio Lower Upper
75 100
39 77.9 61.6 92.4
77 31.3 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 11.268 ppbv

RT: 9.45 min Scan# 2072

Delta R.T. -0.05 min

Lab File: VL036192.D

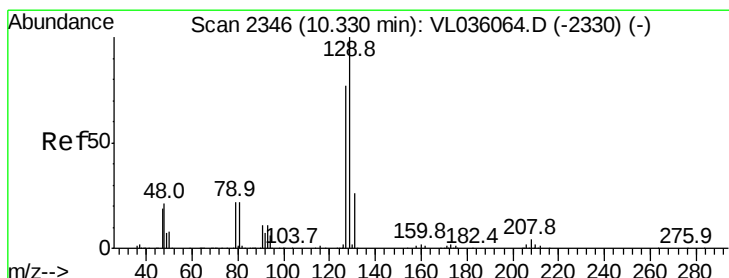
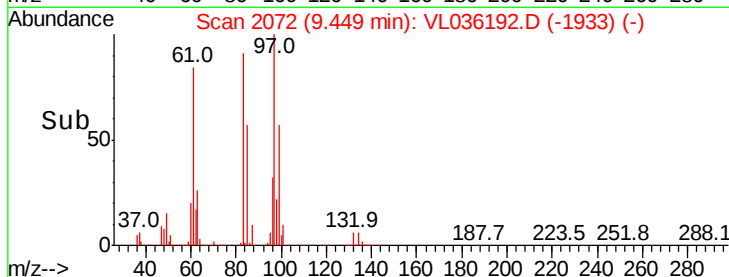
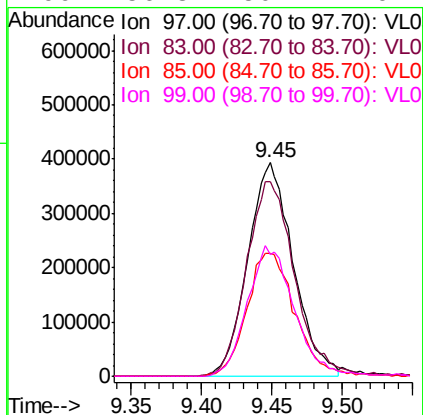
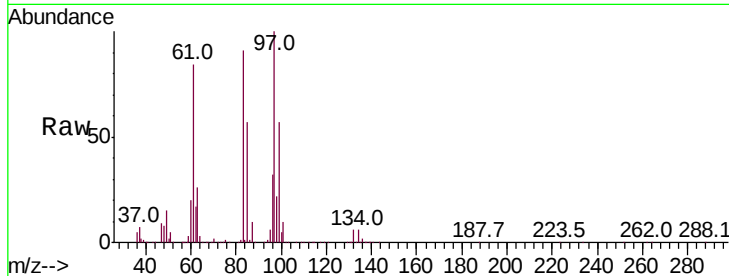
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.1	71.4	107.2
85	57.2	46.6	70.0
99	56.8	50.7	76.1

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#48

Dibromochloromethane

Concen: 11.987 ppbv

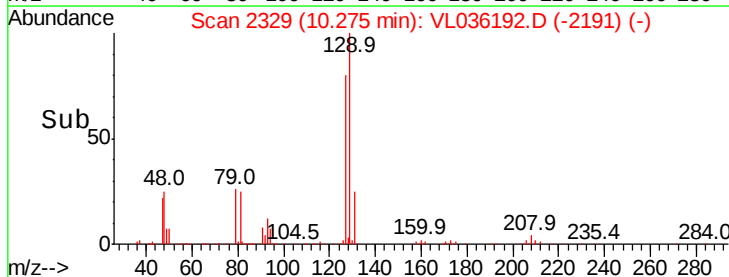
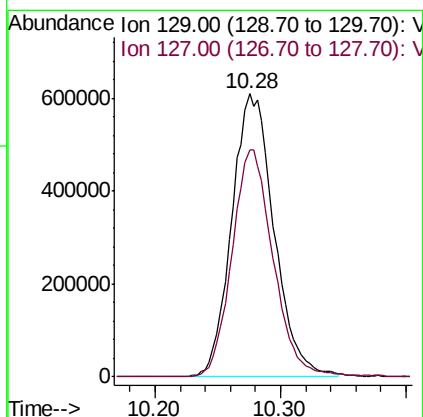
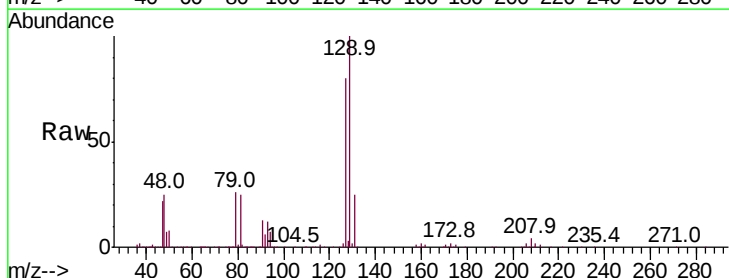
RT: 10.28 min Scan# 2329

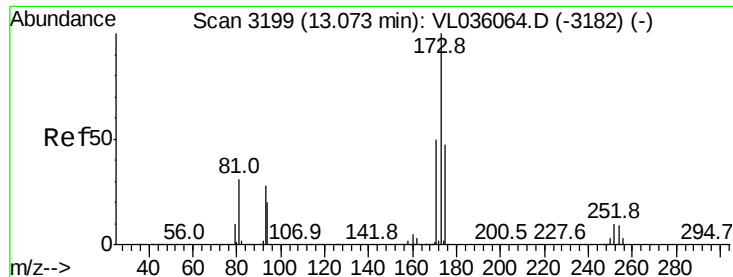
Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.0	117.0





#49

Bromoform

Concen: 12.340 ppbv

RT: 13.01 min Scan# 3181

Delta R.T. -0.06 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:173 Resp: 1152754

Ion Ratio Lower Upper

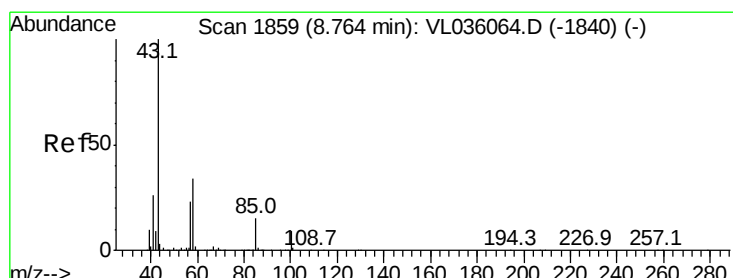
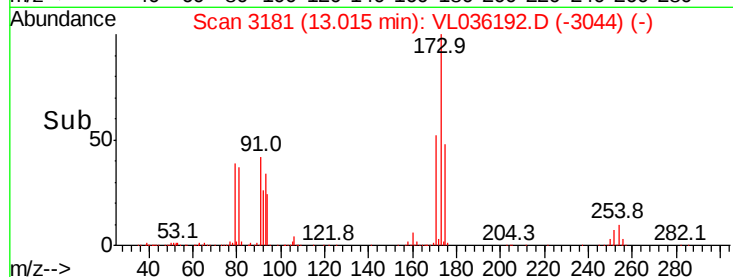
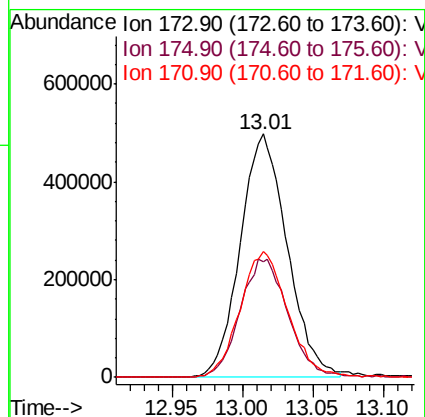
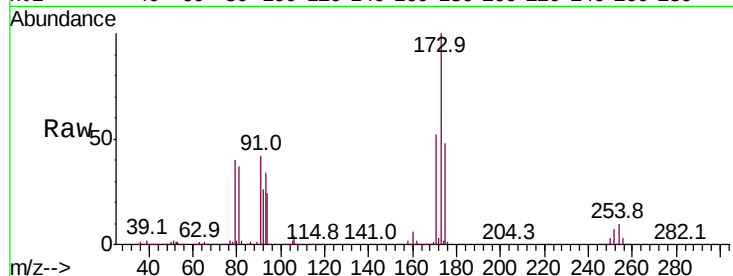
173 100

175 50.2 39.8 59.6

171 53.2 42.5 63.7

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#50

4-Methyl-2-Pentanone

Concen: 11.816 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. -0.05 min

Lab File: VL036192.D

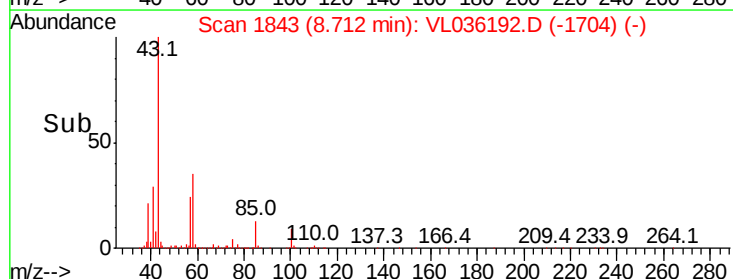
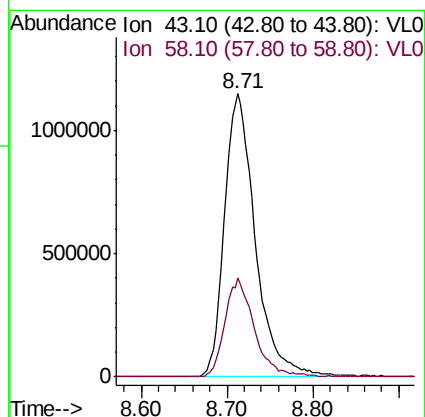
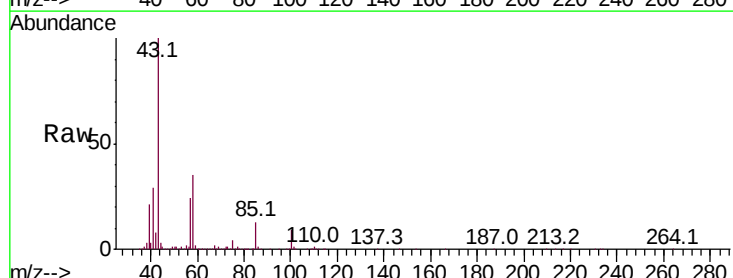
Acq: 23 Dec 2020 10:37

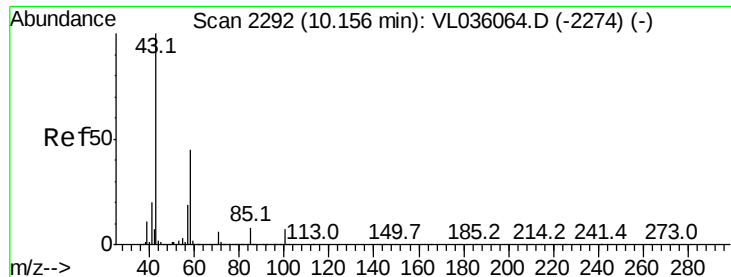
Tgt Ion: 43 Resp: 2853261

Ion Ratio Lower Upper

43 100

58 33.6 27.4 41.2





#51

2-Hexanone

Concen: 12.046 ppbv

RT: 10.11 min Scan# 2277

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 2273558

Ion Ratio Lower Upper

43 100

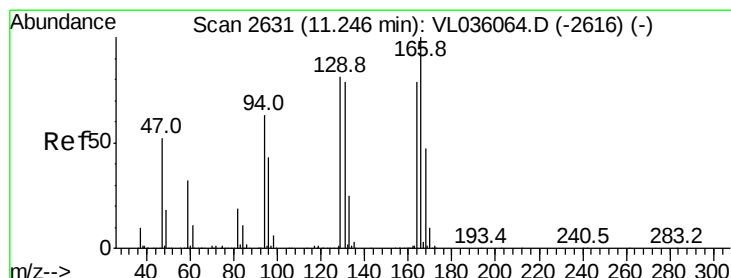
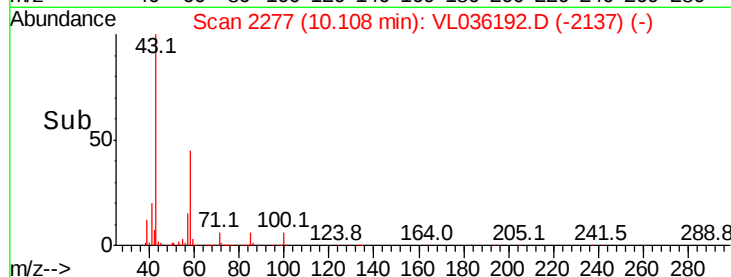
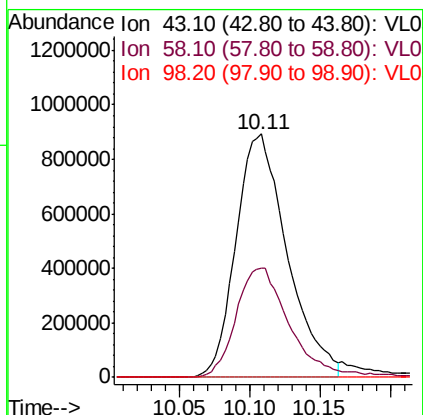
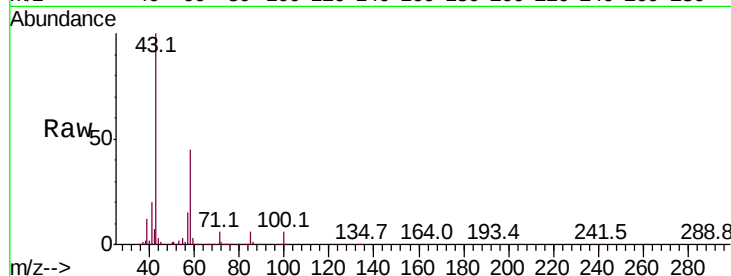
58 47.7 38.7 58.1

98 0.2 0.1 0.1#

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#52

Tetrachloroethene

Concen: 9.127 ppbv

RT: 11.19 min Scan# 2614

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion: 164 Resp: 683443

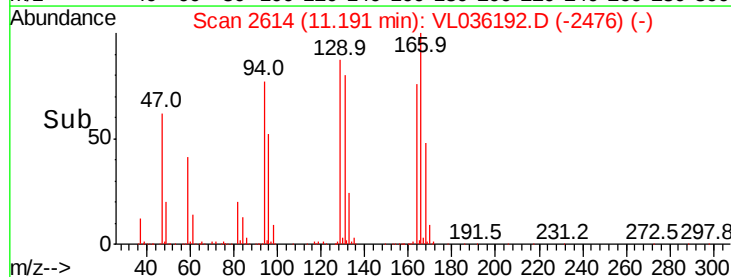
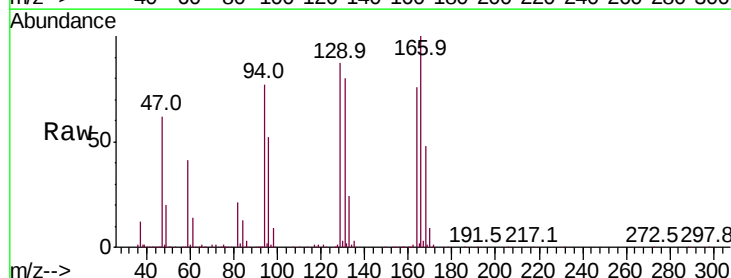
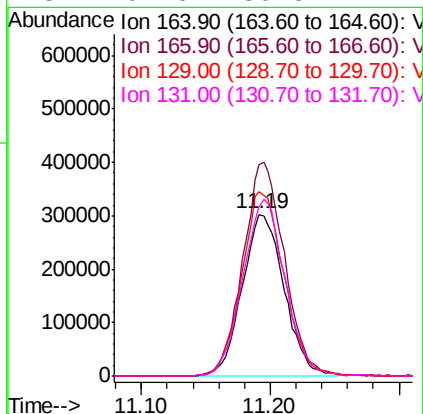
Ion Ratio Lower Upper

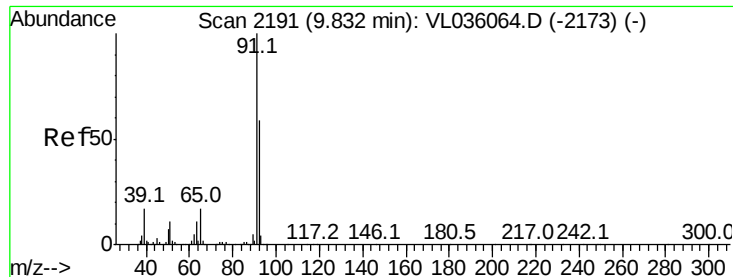
164 100

166 130.9 101.9 152.9

129 114.1 82.1 123.1

131 104.6 80.8 121.2





#53

Toluene

Concen: 11.063 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 2569802

Ion Ratio Lower Upper

91 100

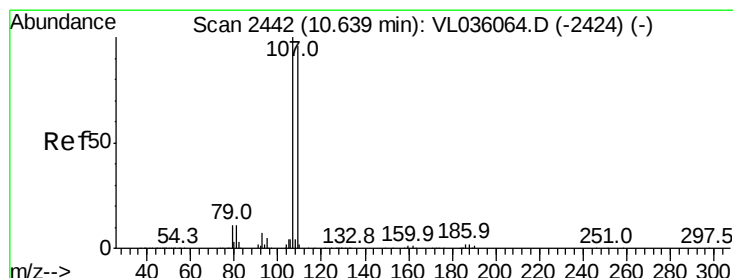
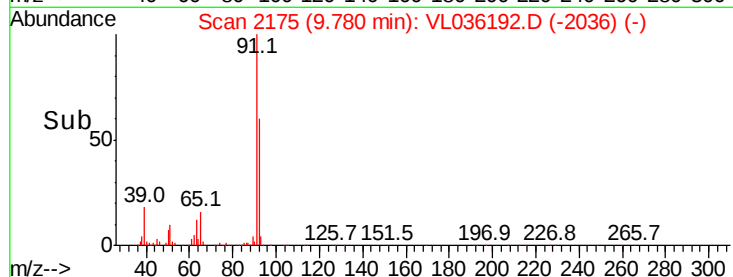
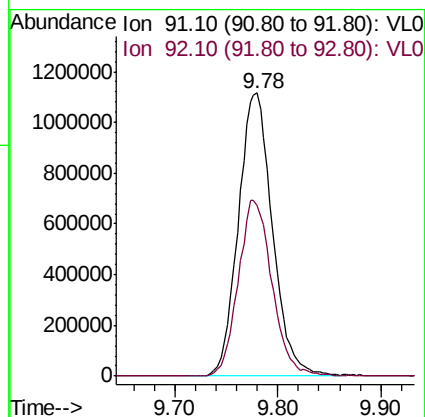
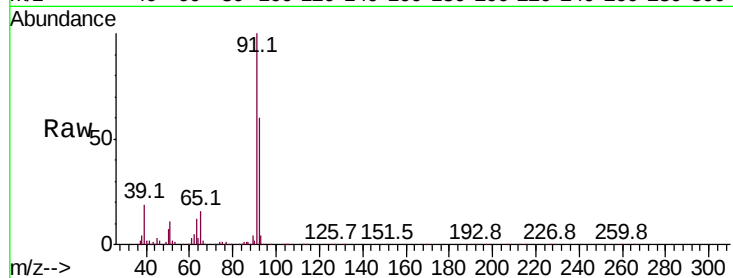
92 61.7 48.2 72.2

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#54

1,2-Dibromoethane

Concen: 11.258 ppbv

RT: 10.58 min Scan# 2425

Delta R.T. -0.05 min

Lab File: VL036192.D

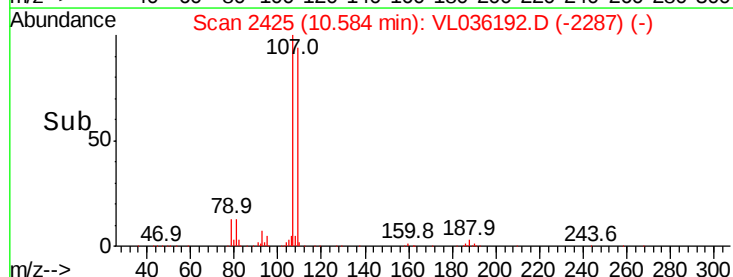
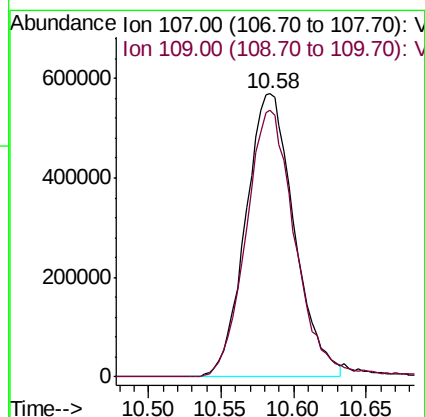
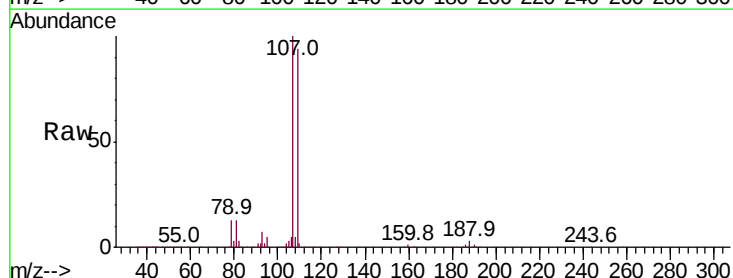
Acq: 23 Dec 2020 10:37

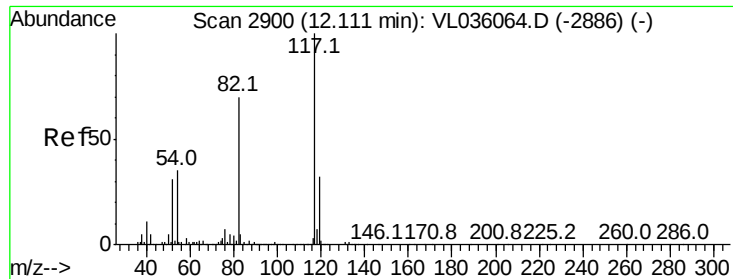
Tgt Ion: 107 Resp: 1326289

Ion Ratio Lower Upper

107 100

109 94.0 76.6 115.0





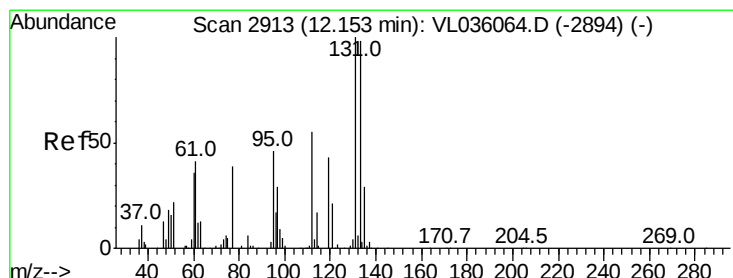
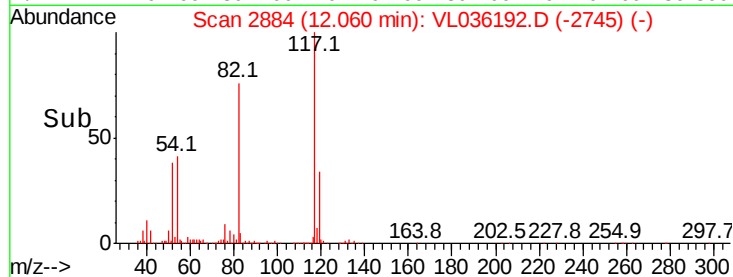
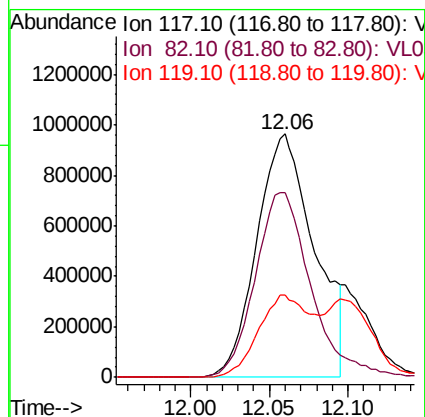
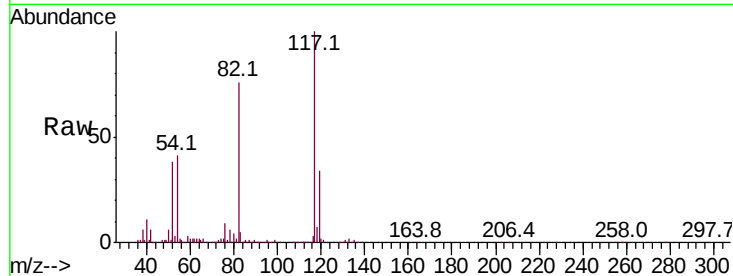
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06 min Scan# 2884
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:117 Resp: 2466805
Ion Ratio Lower Upper
117 100
82 74.1 0.0 0.0#
119 31.5 0.0 0.0#

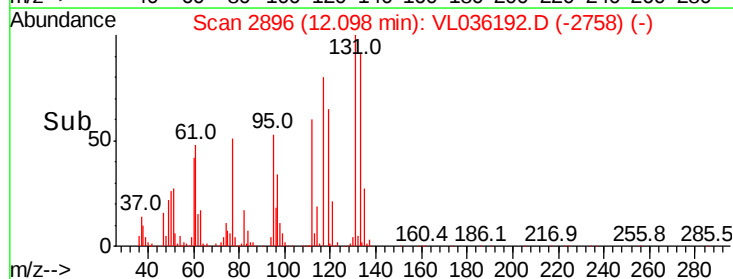
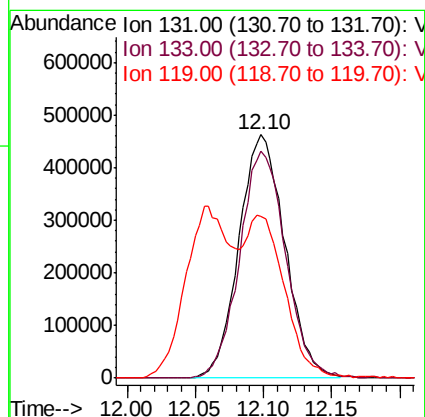
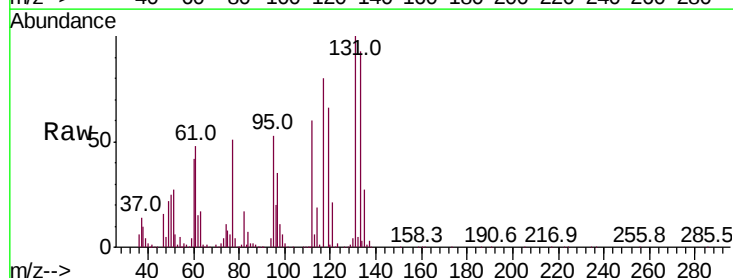
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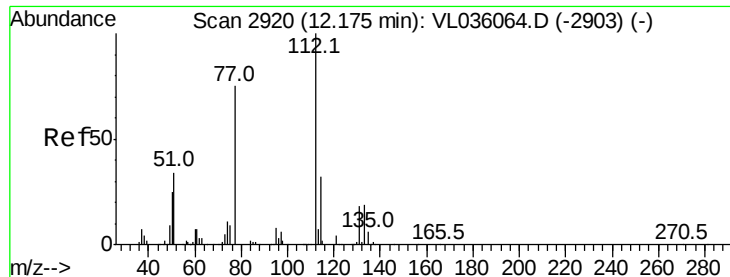
MMDadoda
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#56
1,1,1,2-Tetrachloroethane
Concen: 10.533 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion:131 Resp: 1077374
Ion Ratio Lower Upper
131 100
133 94.1 77.7 116.5
119 67.0 51.6 77.4





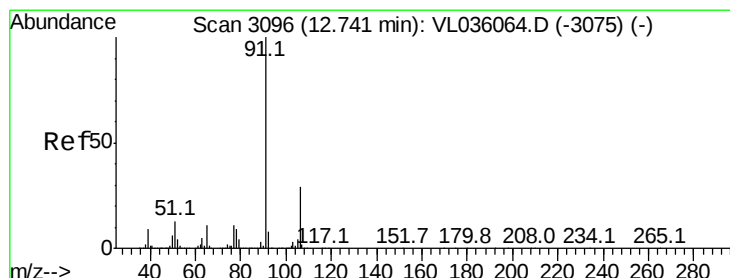
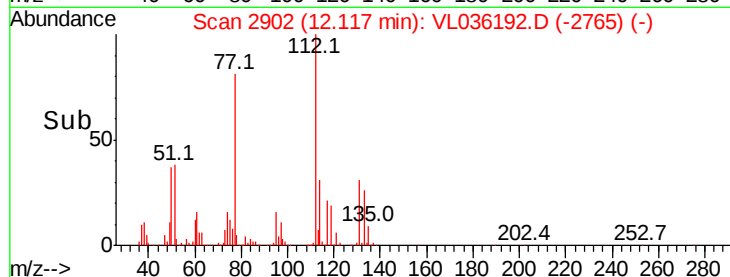
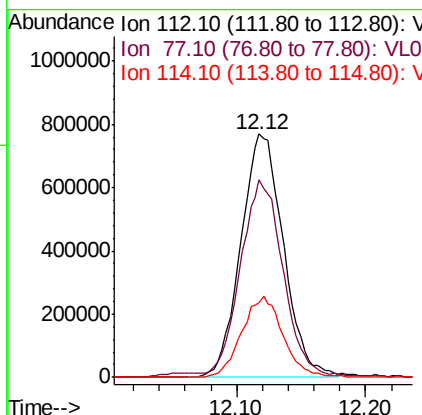
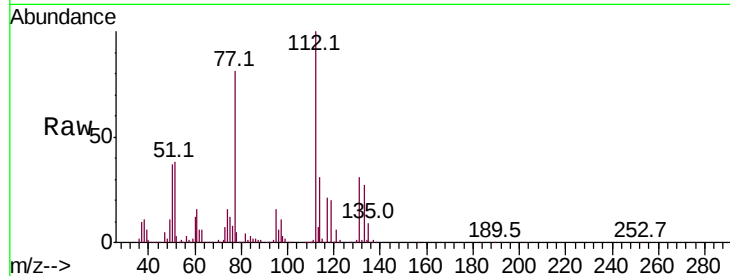
#57
Chlorobenzene
Concen: 10.180 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.06 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 112 Resp: 1762973
Ion Ratio Lower Upper
112 100
77 80.0 60.5 90.7
114 30.6 29.2 35.6

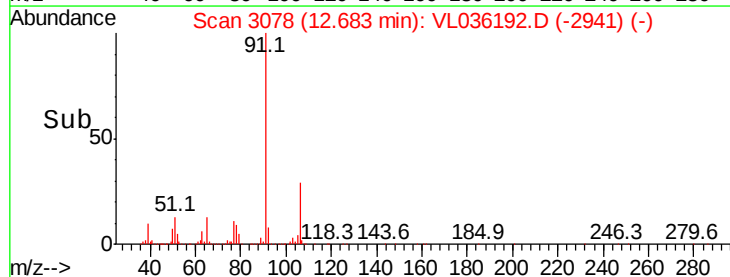
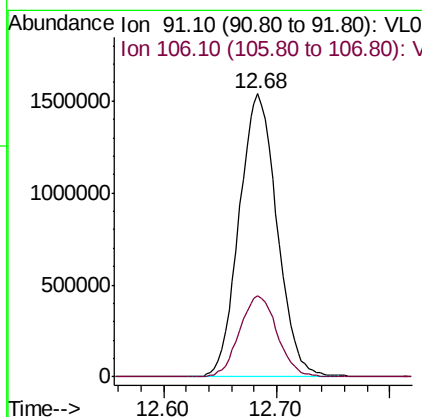
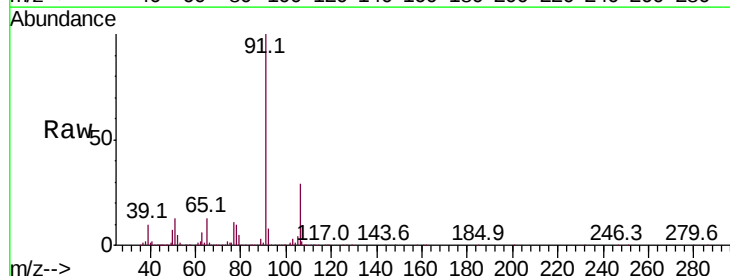
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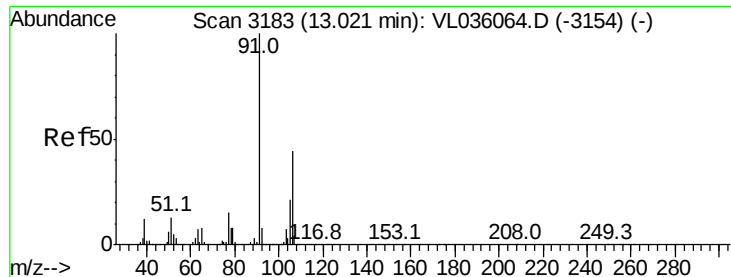
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#58
Ethyl Benzene
Concen: 10.576 ppbv
RT: 12.68 min Scan# 3078
Delta R.T. -0.06 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 91 Resp: 3575458
Ion Ratio Lower Upper
91 100
106 28.7 23.0 34.4





#59

m/p-Xylene

Concen: 21.523 ppbv m

RT: 12.97 min Scan# 3166

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 6128249

Ion Ratio Lower Upper

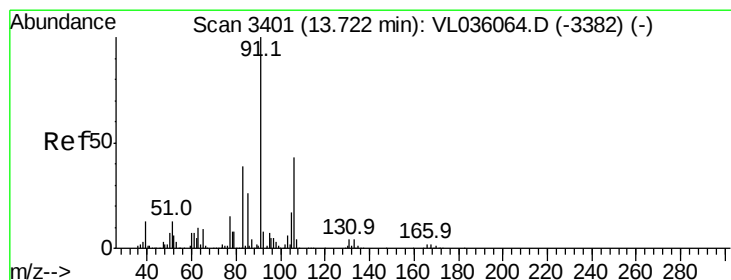
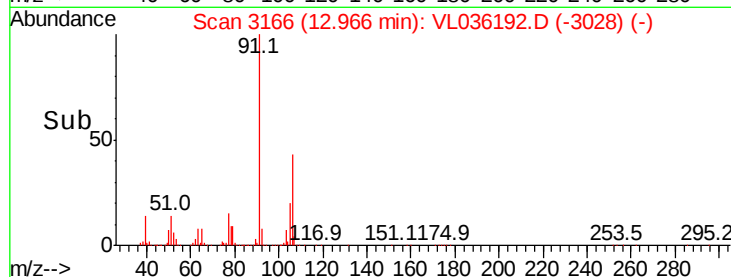
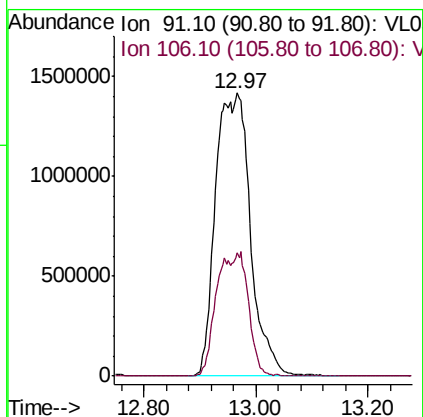
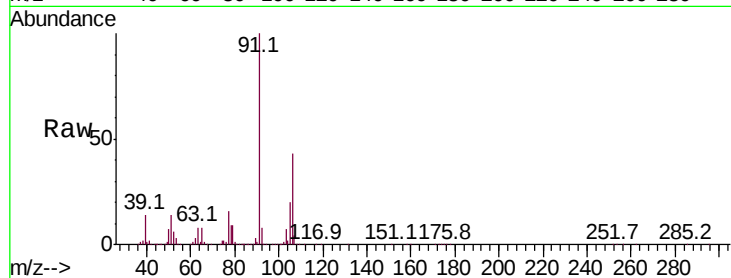
91 100

106 39.9 33.6 50.4

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#60

o-Xylene

Concen: 10.726 ppbv

RT: 13.66 min Scan# 3383

Delta R.T. -0.06 min

Lab File: VL036192.D

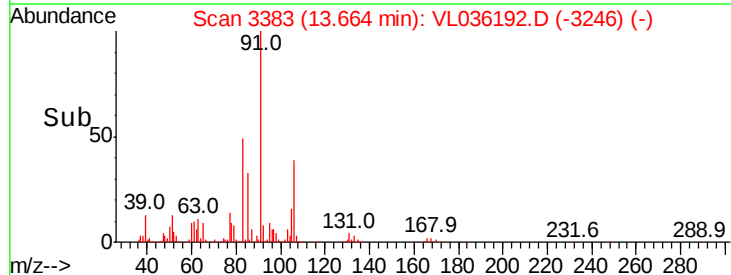
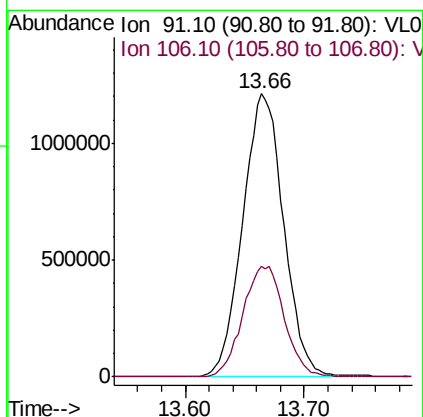
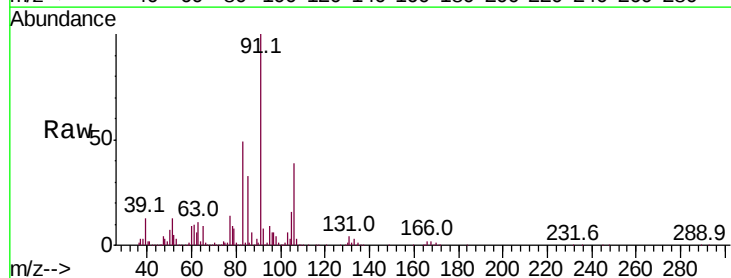
Acq: 23 Dec 2020 10:37

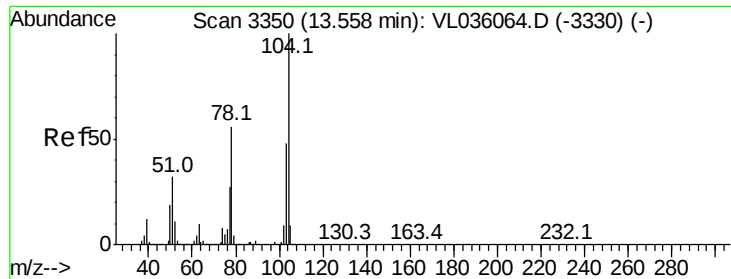
Tgt Ion: 91 Resp: 2877311

Ion Ratio Lower Upper

91 100

106 40.0 21.6 64.6





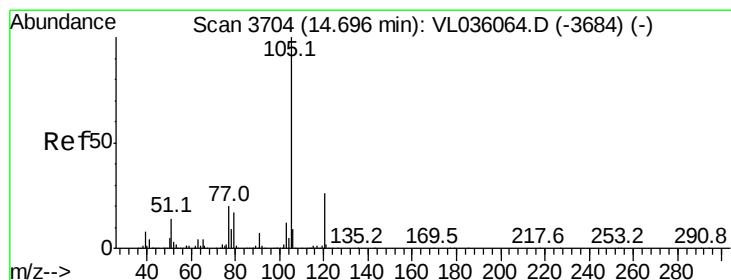
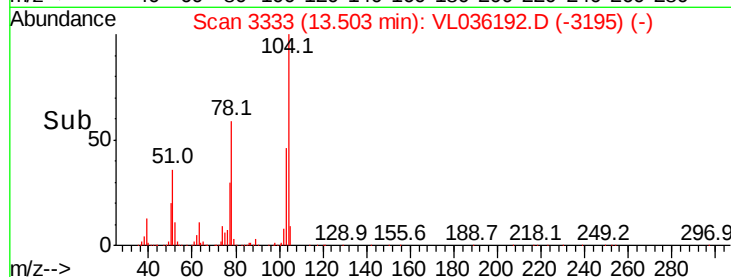
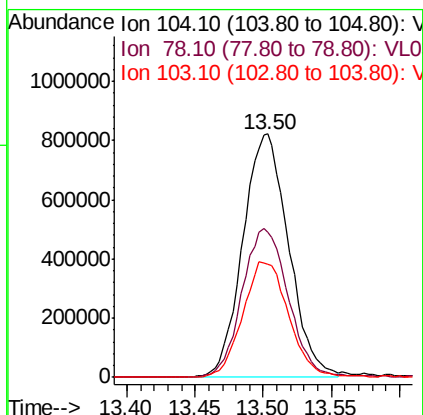
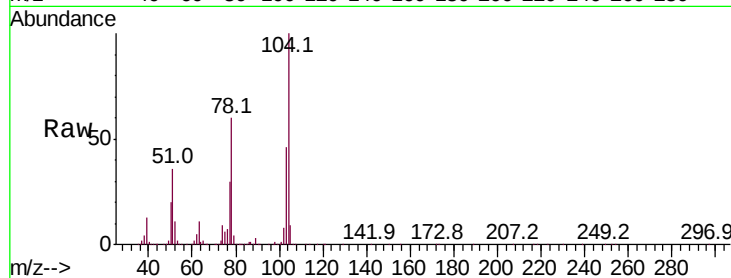
#61
Stvrene
Concen: 11.107 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
104	100		
78	62.1	45.8	68.8
103	48.2	38.6	57.8

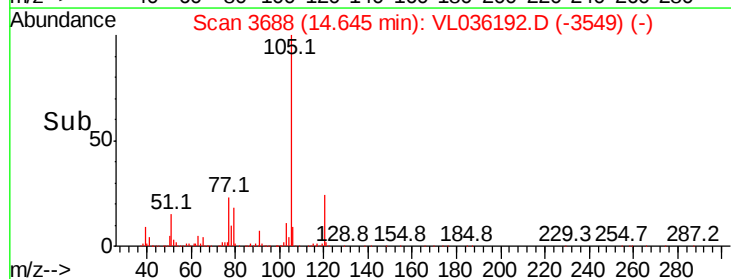
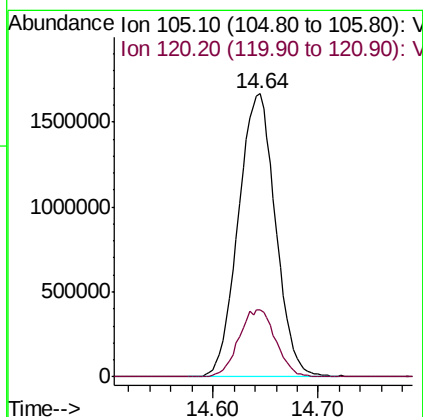
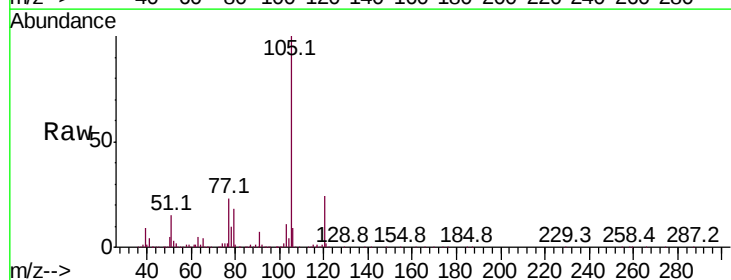
Manual Integrations
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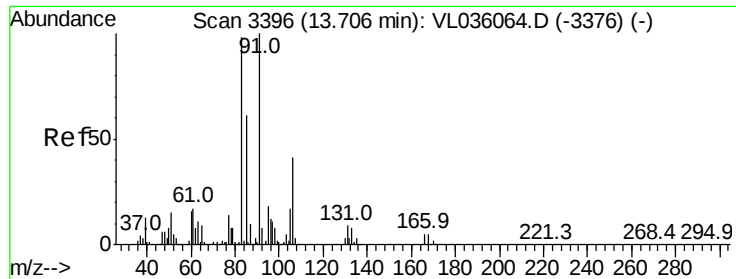
MMDadoda
12/26/2020 1:35:58 PM



#62
Isopropylbenzene
Concen: 10.270 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.7	20.1	30.1





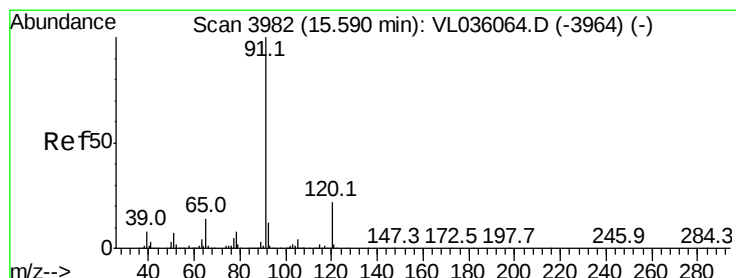
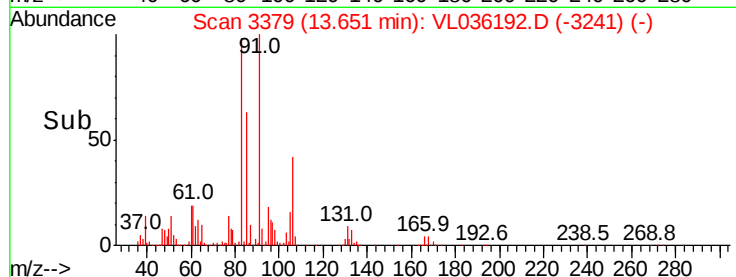
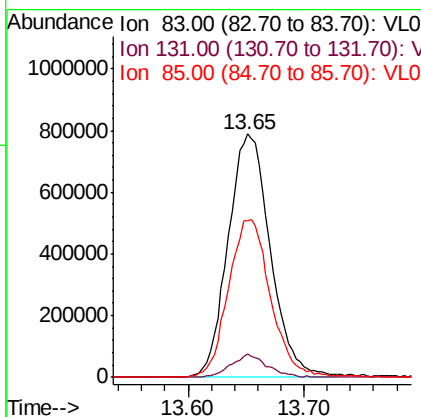
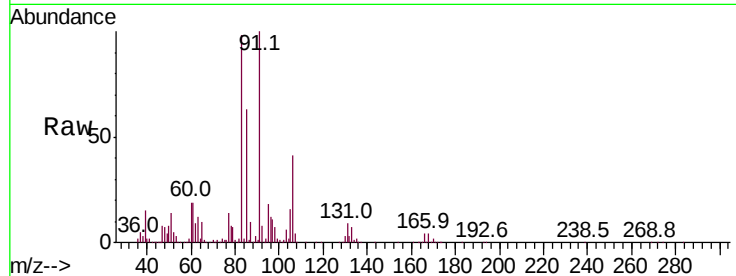
#63
1,1,2,2-Tetrachloroethane
Concen: 10.968 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
83	100		
131	8.3	4.6	13.8
85	65.8	32.5	97.5

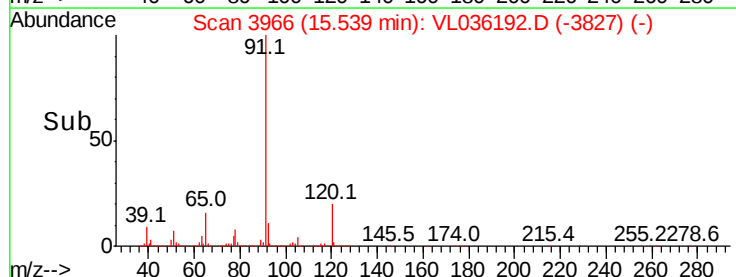
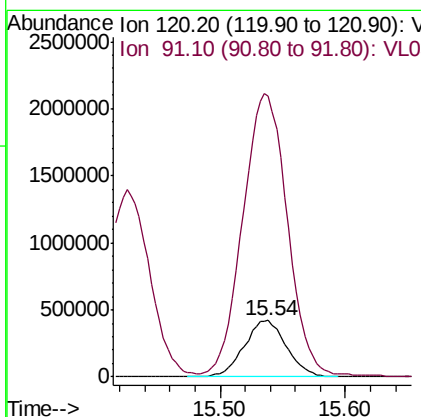
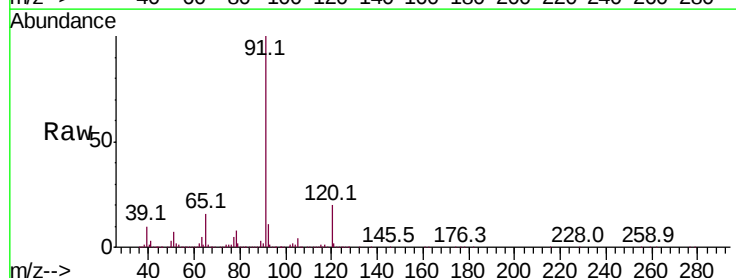
Manual Integrations
APPROVED

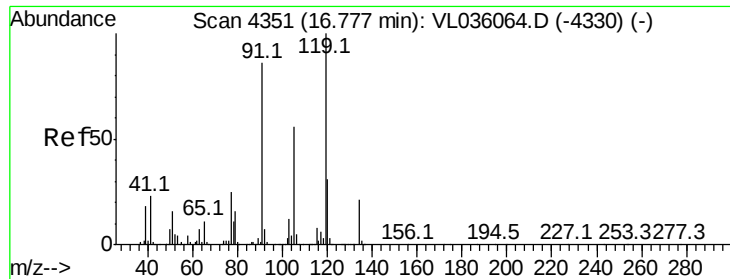
MMDadoda
12/26/2020 1:35:58 PM



#64
n-propylbenzene
Concen: 10.335 ppbv
RT: 15.54 min Scan# 3966
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion	Ratio	Lower	Upper
120	100		
91	532.9	388.9	583.3





#65

tert-Butylbenzene

Concen: 10.421 ppbv

RT: 16.72 min Scan# 4334

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:119 Resp: 3391731

Ion Ratio Lower Upper

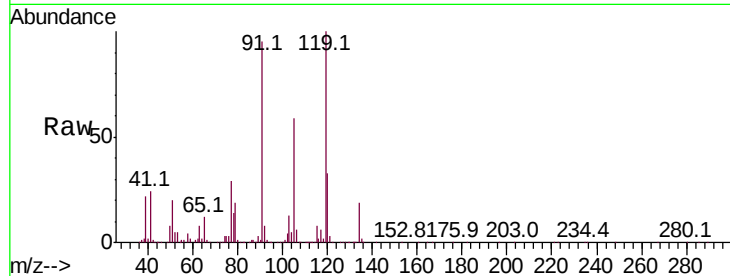
119 100

91 96.8 70.2 105.2

134 18.8 15.8 23.6

Manual Integrations
APPROVED

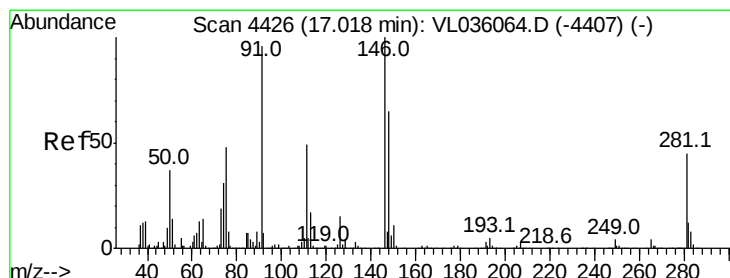
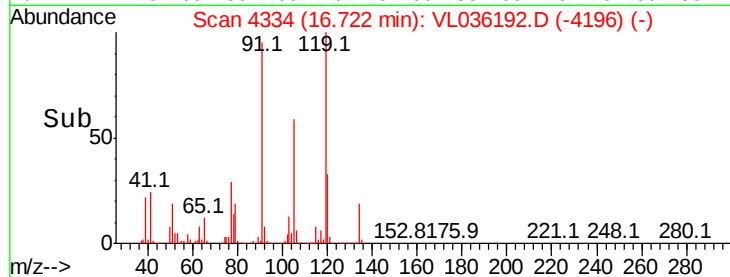
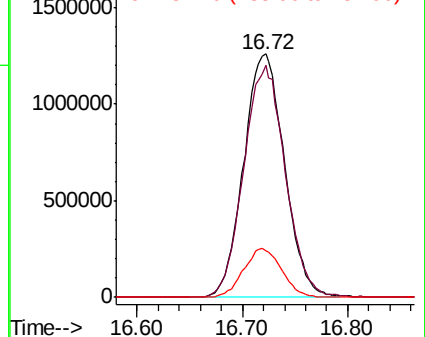
MMDadoda
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 14.628 ppbv

RT: 16.97 min Scan# 4410

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

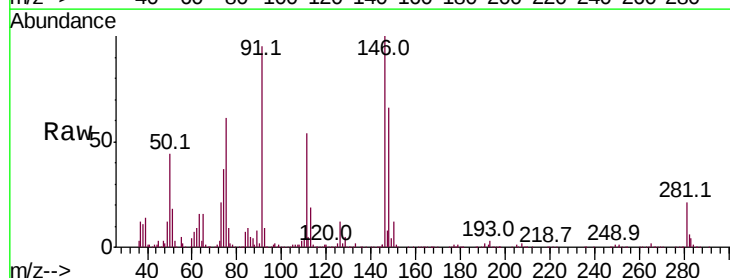
Tgt Ion: 91 Resp: 1185578

Ion Ratio Lower Upper

91 100

126 14.0 13.5 20.3

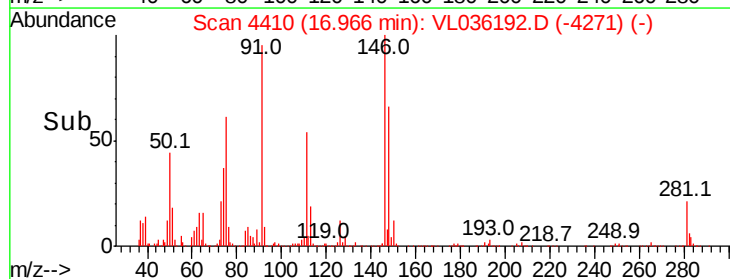
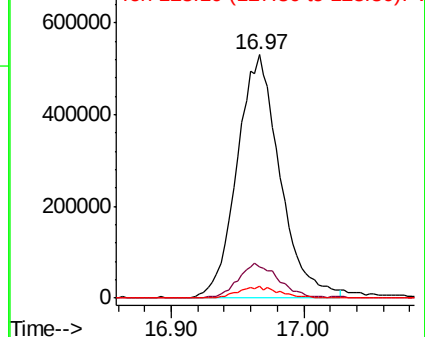
128 4.7 4.4 6.6

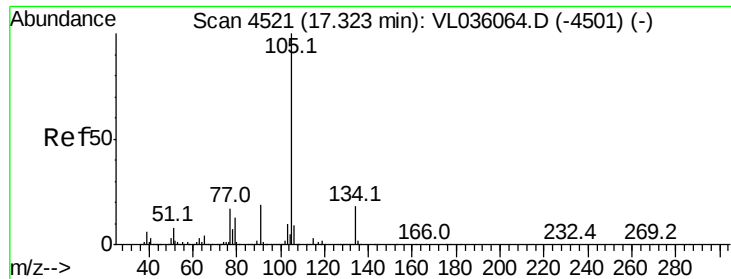


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





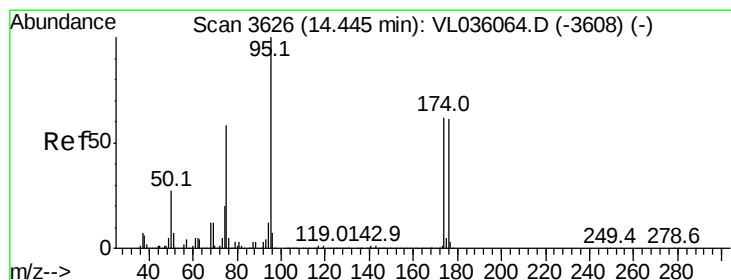
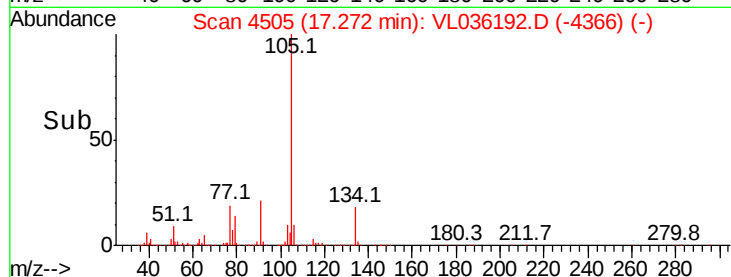
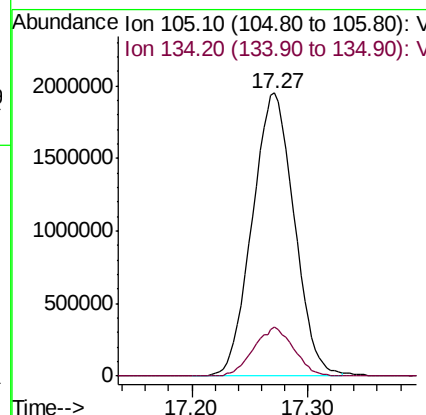
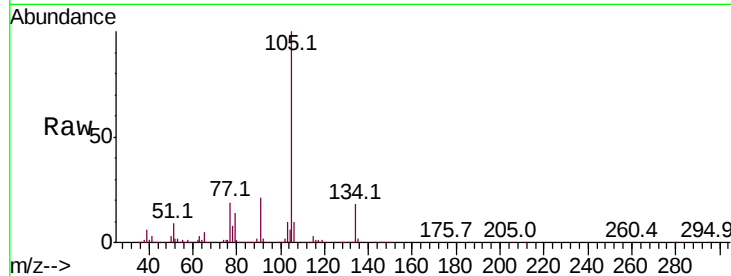
#67
 sec-Butylbenzene
 Concen: 10.774 ppbv
 RT: 17.27 min Scan# 4505
 Delta R.T. -0.05 min
 Lab File: VL036192.D
 Acq: 23 Dec 2020 10:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:105 Resp: 4907797
 Ion Ratio Lower Upper
 105 100
 134 16.7 14.2 21.4

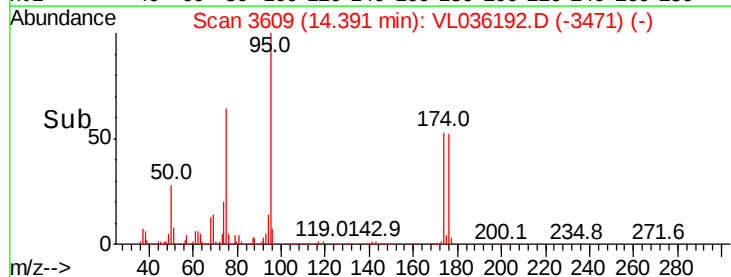
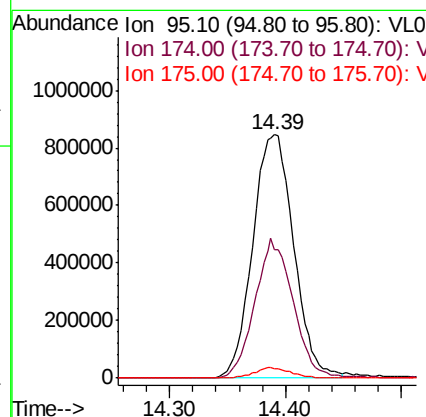
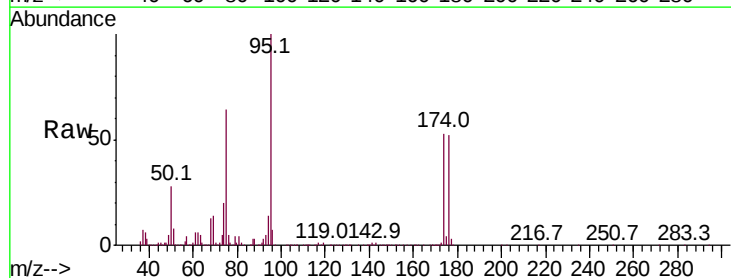
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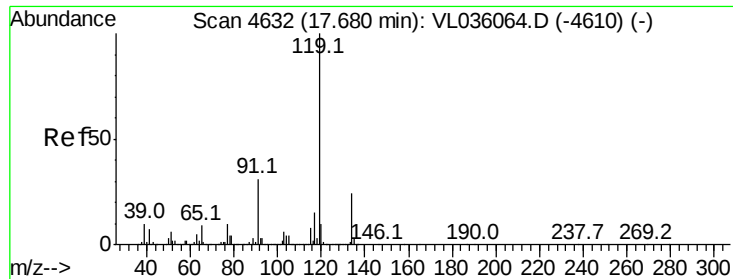
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.608 ppbv
 RT: 14.39 min Scan# 3609
 Delta R.T. -0.05 min
 Lab File: VL036192.D
 Acq: 23 Dec 2020 10:37

Tgt Ion: 95 Resp: 2077862
 Ion Ratio Lower Upper
 95 100
 174 54.2 50.7 76.1
 175 3.9 4.0 6.0#





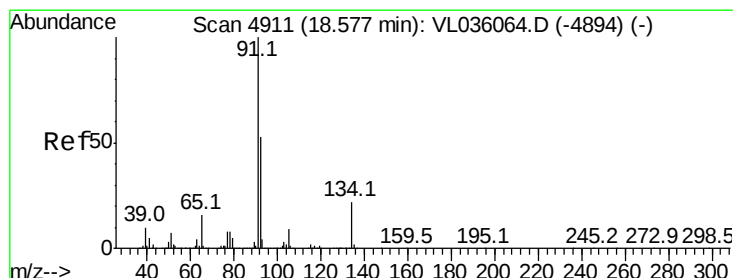
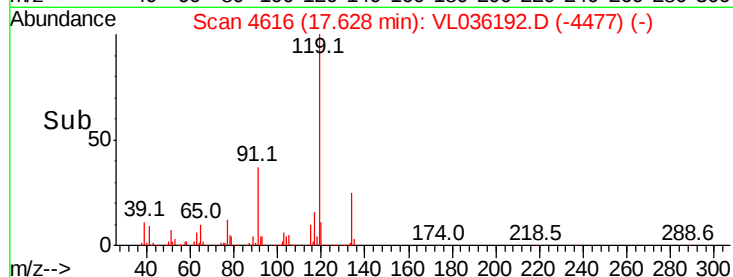
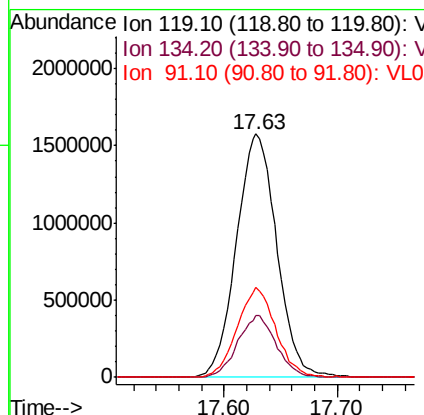
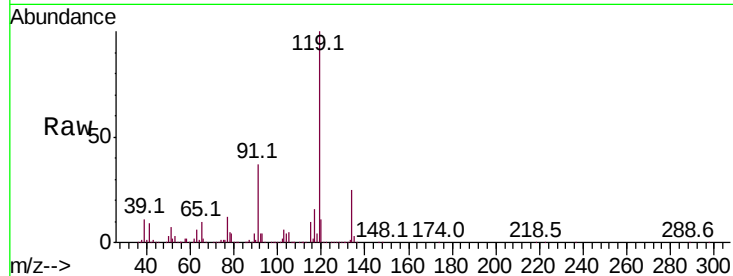
#69
p-Isopropyltoluene
Concen: 10.758 ppbv
RT: 17.63 min Scan# 4616
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.2	19.8	29.6
91	35.4	25.8	38.6

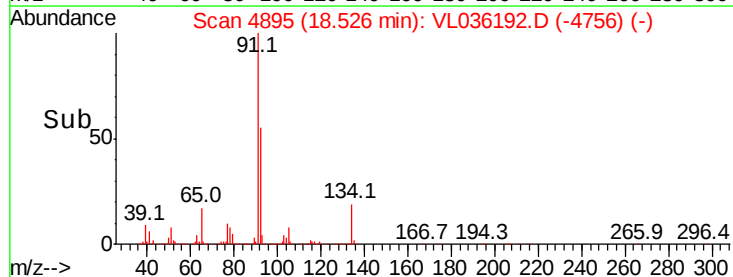
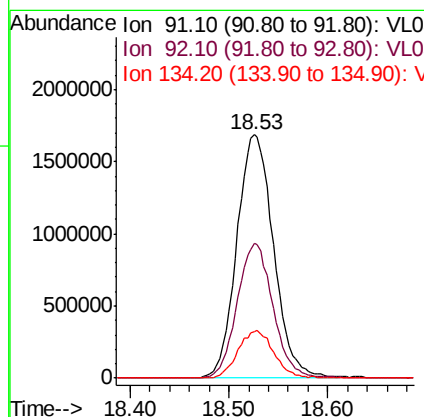
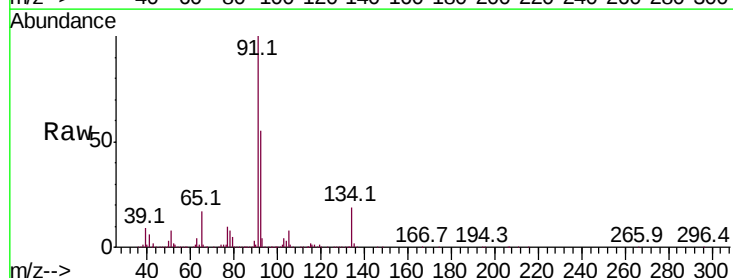
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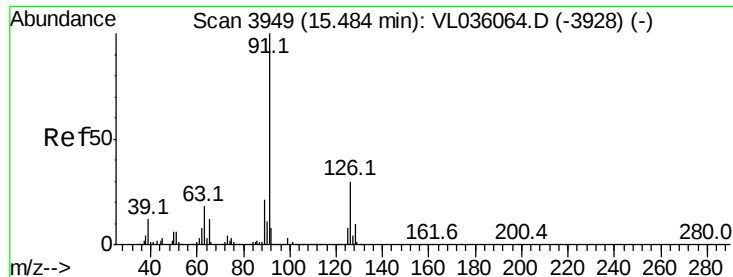
MMDadoda
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#70
n-Butylbenzene
Concen: 12.138 ppbv
RT: 18.53 min Scan# 4895
Delta R.T. -0.05 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	43.3	64.9
134	19.3	17.1	25.7





#71

2-Chlorotoluene

Concen: 11.149 ppbv

RT: 15.43 min Scan# 3931

Delta R.T. -0.06 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 3351281

Ion Ratio Lower Upper

91 100

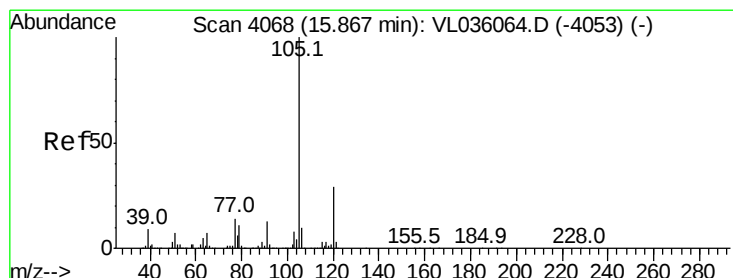
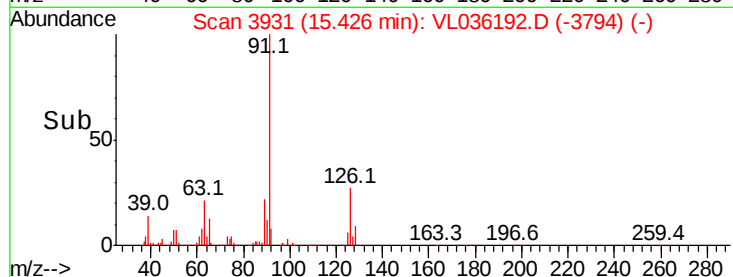
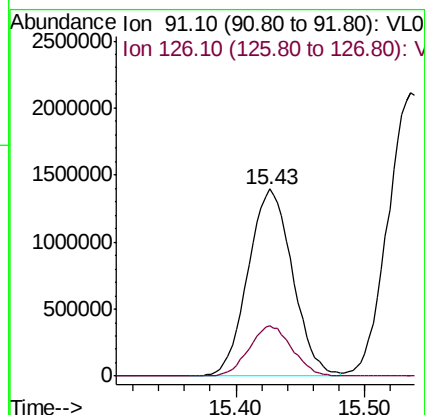
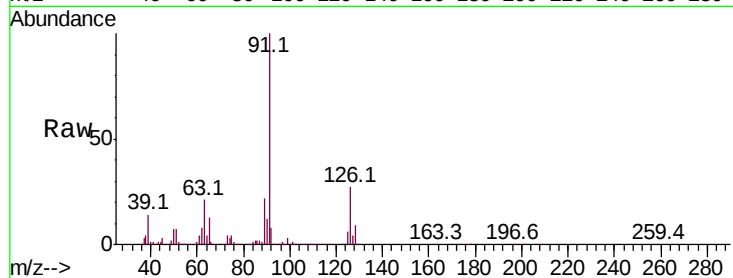
126 26.2 11.6 46.4

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#72

4-Ethyltoluene

Concen: 11.001 ppbv

RT: 15.81 min Scan# 4051

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion:105 Resp: 3196766

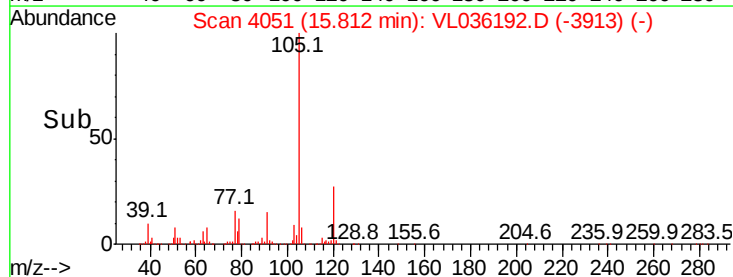
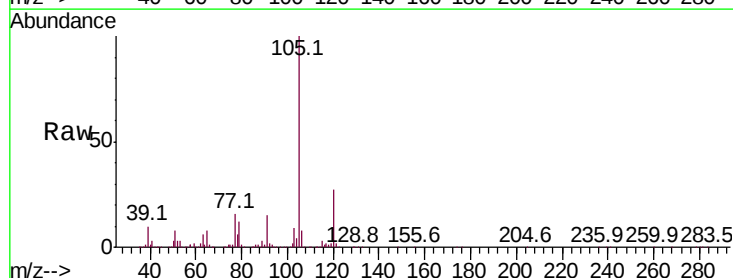
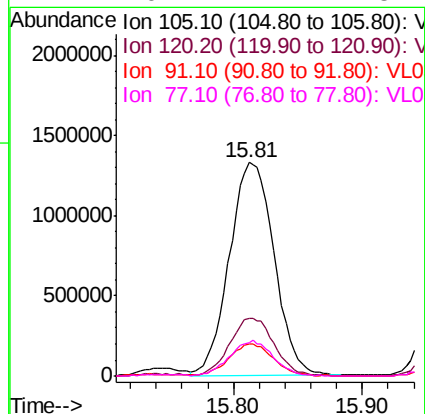
Ion Ratio Lower Upper

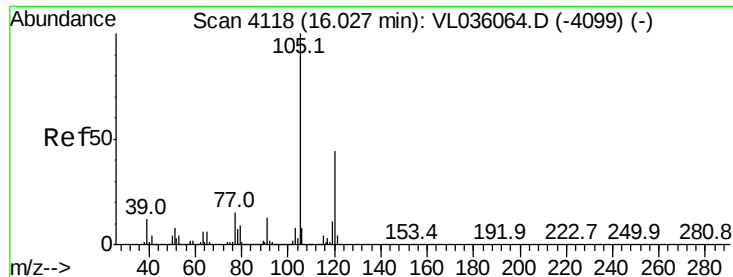
105 100

120 27.1 23.6 35.4

91 14.8 11.4 17.0

77 16.1 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 10.895 ppbv

RT: 15.97 min Scan# 4100

Delta R.T. -0.06 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 3023669

Ion Ratio Lower Upper

105 100

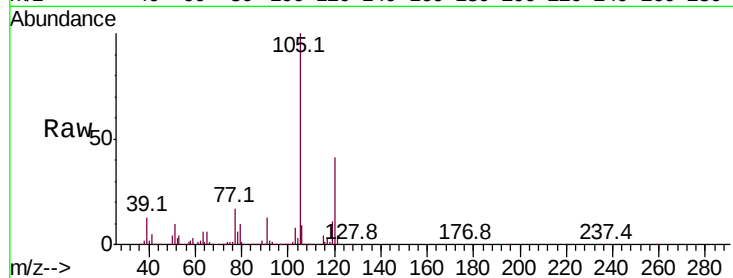
120 41.4 35.4 53.2

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

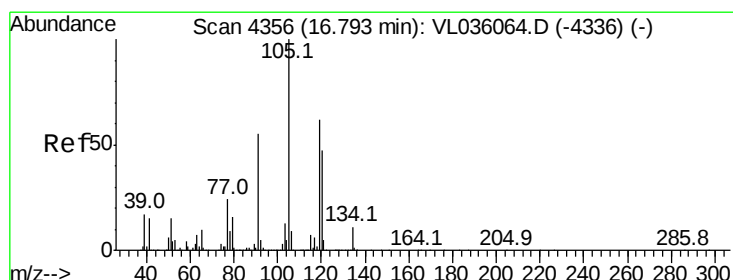
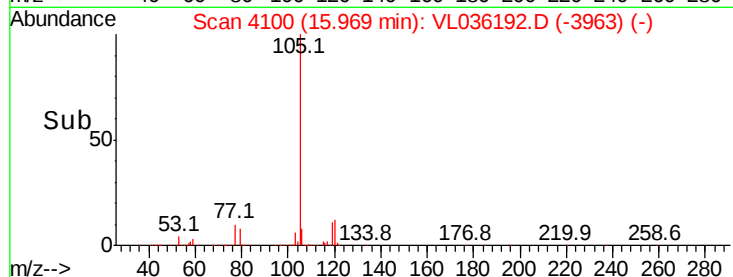
15.97

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 11.027 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Tgt Ion:105 Resp: 3072083

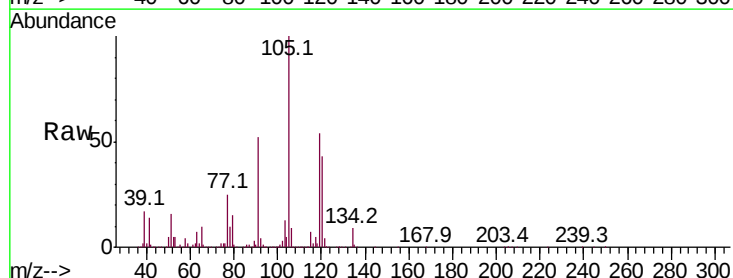
Ion Ratio Lower Upper

105 100

120 42.9 37.4 56.0

91 51.4 45.6 68.4

77 24.5 19.4 29.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

16.74

2000000

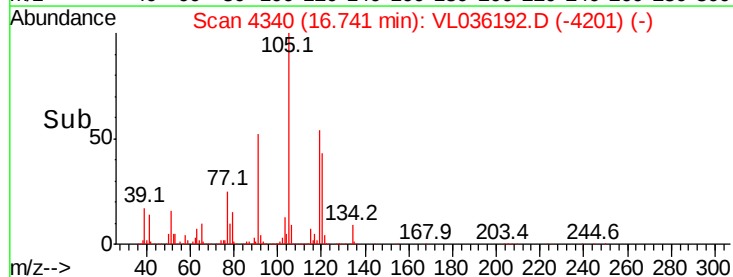
1500000

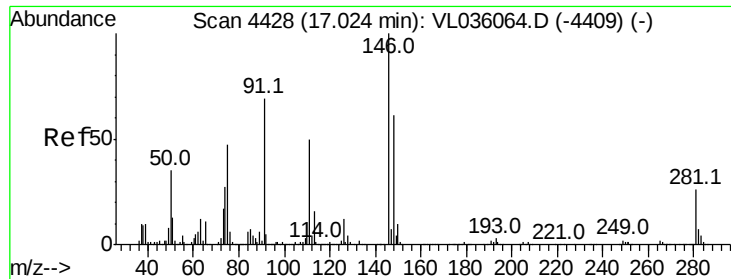
1000000

500000

0

Time-->





#75

1,3-Dichlorobenzene

Concen: 10.817 ppbv

RT: 16.97 min Scan# 4411

Delta R.T. -0.05 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:146 Resp: 1508491

Ion Ratio Lower Upper

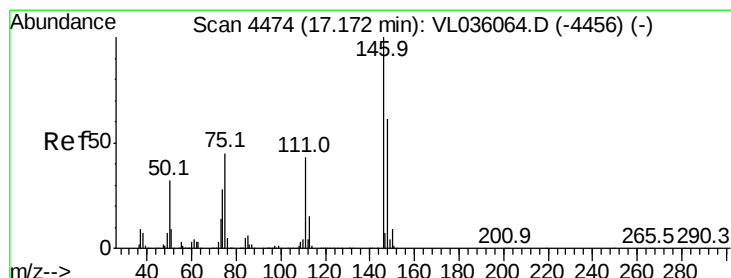
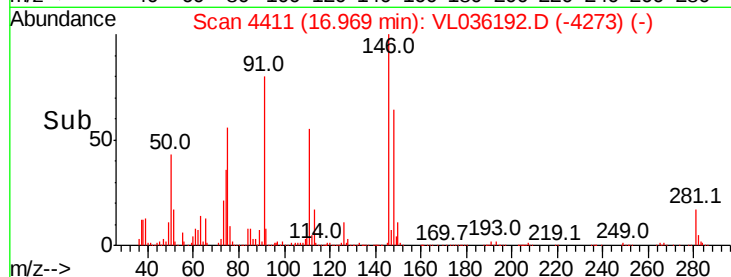
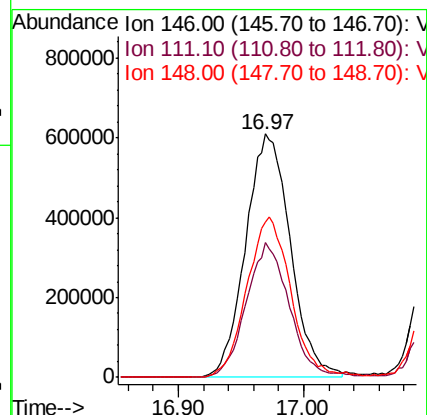
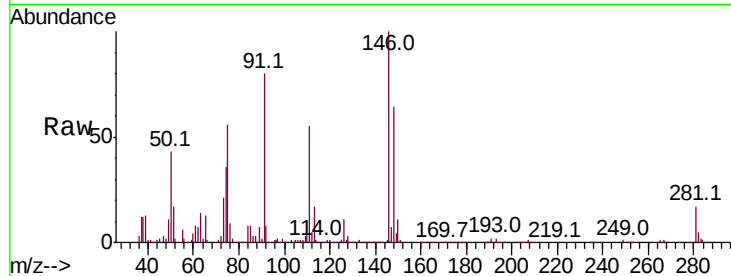
146 100

111 53.5 25.1 75.3

148 65.0 32.9 98.6

Manual Integrations
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#76

1,4-Dichlorobenzene

Concen: 10.400 ppbv

RT: 17.11 min Scan# 4456

Delta R.T. -0.06 min

Lab File: VL036192.D

Acq: 23 Dec 2020 10:37

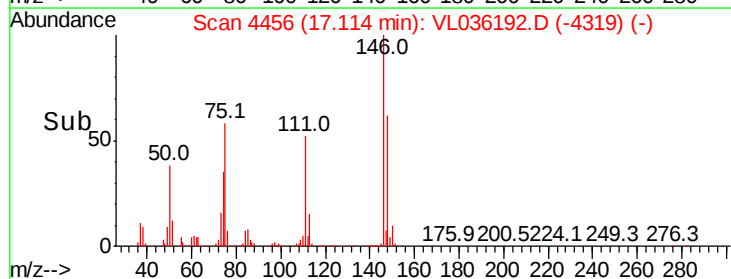
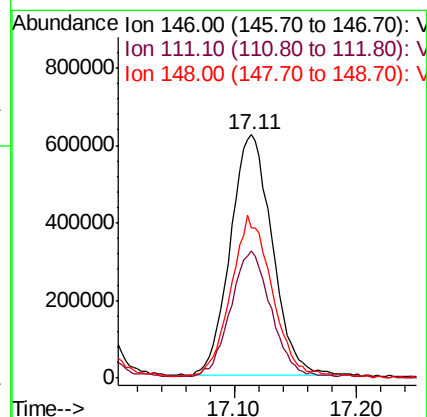
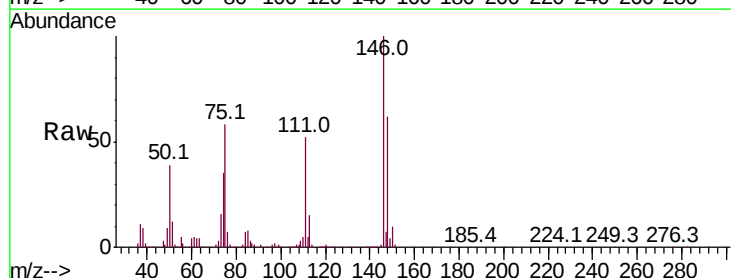
Tgt Ion:146 Resp: 1476613

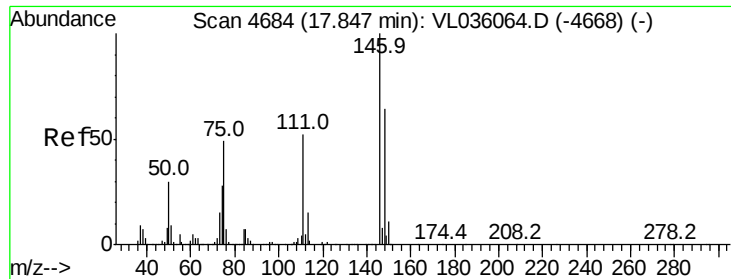
Ion Ratio Lower Upper

146 100

111 52.7 24.3 72.8

148 67.3 32.8 98.3





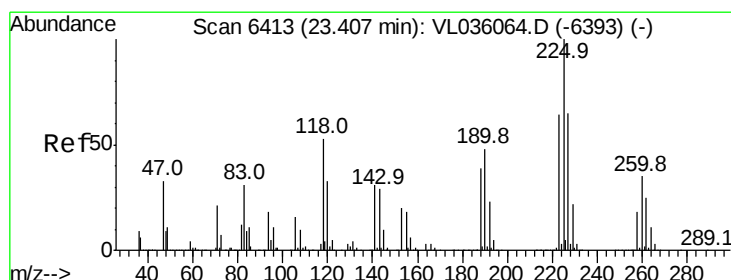
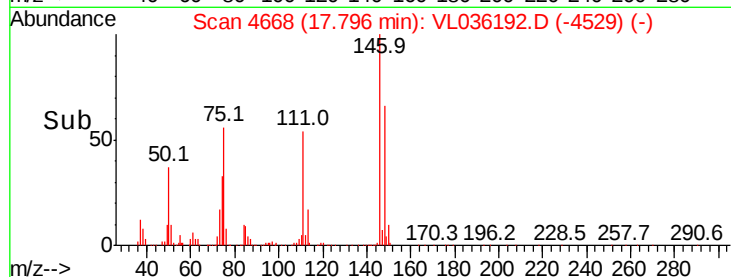
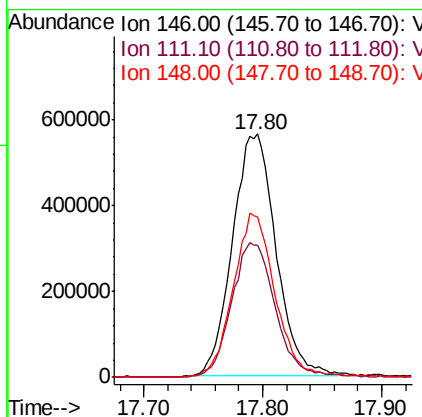
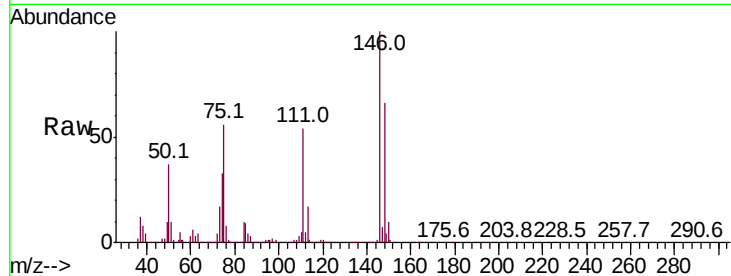
#77
 1,2-Dichlorobenzene
 Concen: 10.760 ppbv
 RT: 17.80 min Scan# 4668
 Delta R.T. -0.05 min
 Lab File: VL036192.D
 Acq: 23 Dec 2020 10:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	55.5	26.1	78.2
148	65.5	33.1	99.5

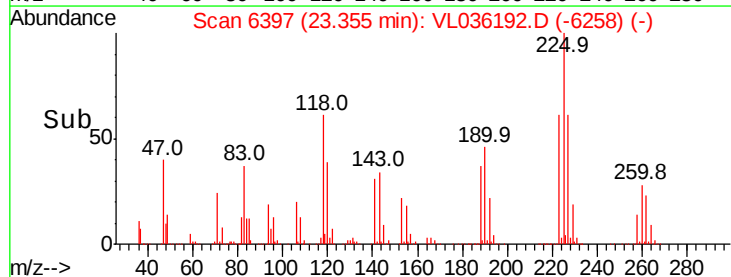
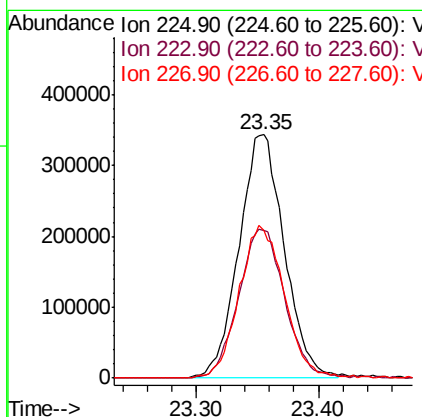
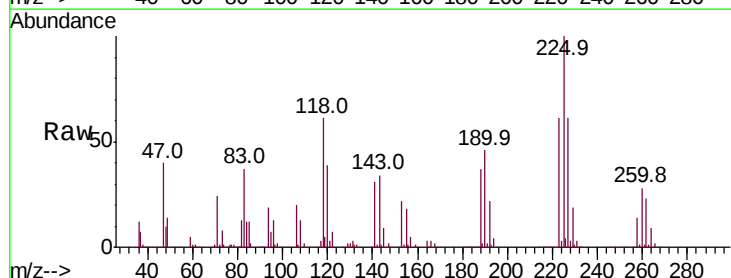
Manual Integrations
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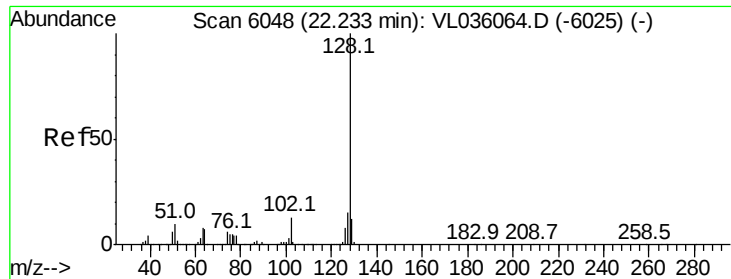
MMDadoda
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.234 ppbv
 RT: 23.35 min Scan# 6397
 Delta R.T. -0.05 min
 Lab File: VL036192.D
 Acq: 23 Dec 2020 10:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	63.0	51.7	77.5





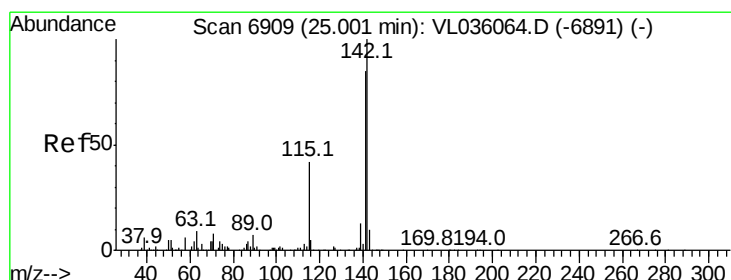
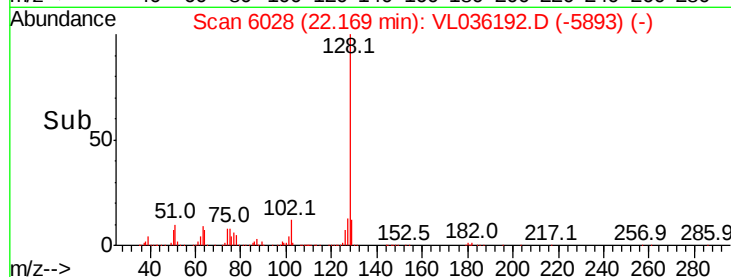
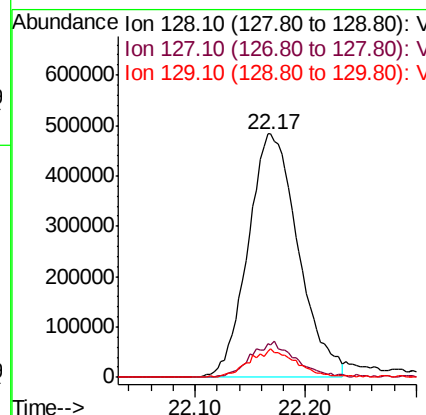
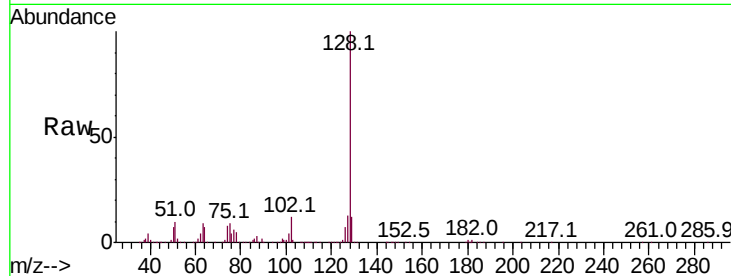
#79
Naphthalene
Concen: 10.788 ppbv
RT: 22.17 min Scan# 6028
Delta R.T. -0.06 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:128 Resp: 1527732
Ion Ratio Lower Upper
128 100
127 13.3 11.7 17.5
129 11.5 9.3 13.9

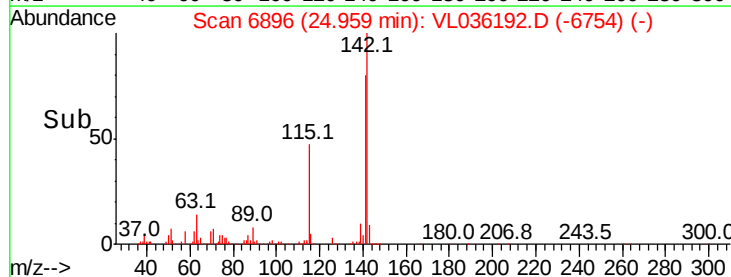
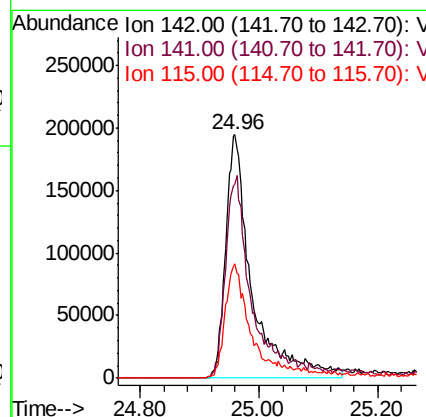
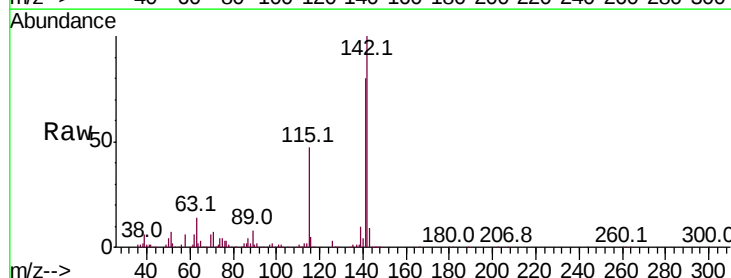
Manual Integrations
APPROVED

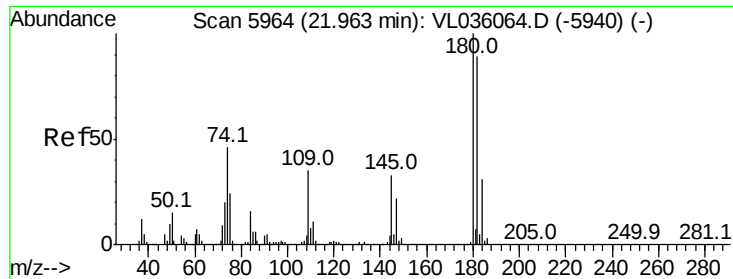
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#80
Naphthalene, 2-methyl-
Concen: 18.946 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. -0.04 min
Lab File: VL036192.D
Acq: 23 Dec 2020 10:37

Tgt Ion:142 Resp: 599971
Ion Ratio Lower Upper
142 100
141 87.3 64.3 96.5
115 47.1 33.9 50.9





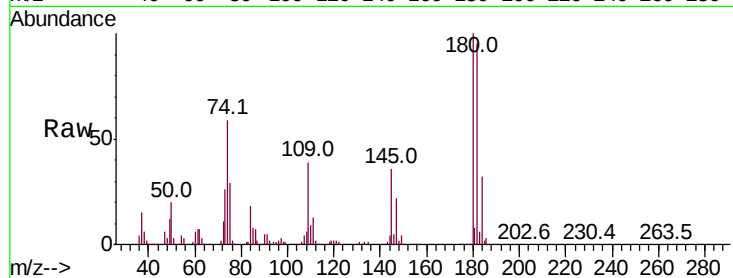
#81
 1,2,4-Trichlorobenzene
 Concen: 9.288 ppbv
 RT: 21.90 min Scan# 5945
 Delta R.T. -0.06 min
 Lab File: VL036192.D
 Acq: 23 Dec 2020 10:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	102.0	0.0	0.0#
184	30.7	0.0	0.0#

Manual Integrations
 APPROVED

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Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

