

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036290.D
 Acq On : 29 Jan 2021 11:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:54:01 PM

Quant Time: Jan 30 00:19:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1489505	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3355743	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3091076m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2746103	10.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1950015	9.766	ppbv	99
3) Chlorodifluoromethane	2.98	51	1716818	9.385	ppbv	98
4) Chloromethane	3.13	50	825589	9.131	ppbv	100
5) Vinyl Chloride	3.25	62	830651	9.709	ppbv	100
6) Bromomethane	3.47	94	447667	9.359	ppbv	96
7) Chloroethane	3.55	64	290856	9.872	ppbv	98
8) Dichlorotetrafluoroethane	3.18	85	1930659	9.981	ppbv	97
9) Propene	3.00	41	747674	8.583	ppbv	98
10) Heptane	8.12	43	1964046	9.083	ppbv	98
11) Trichlorofluoromethane	3.94	101	2042236	10.061	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1259917	10.238	ppbv	96
13) Ethanol	3.60	45	108918	7.963	ppbv	94
14) Bromoethene	3.73	108	559830	9.990	ppbv	96
15) Acetone	3.84	43	1581858	8.671	ppbv	98
16) 1,3-Butadiene	3.32	39	811180	9.128	ppbv	99
17) tert-Butyl alcohol	4.29	59	1457357	9.681	ppbv	100
18) 1,1-Dichloroethene	4.28	96	551938	9.674	ppbv	93
19) Isopropyl Alcohol	3.96	45	985821	8.964	ppbv	100
20) Methylene Chloride	4.34	84	479820	8.241	ppbv	95
21) Allyl Chloride	4.40	41	956729	9.635	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	528979	10.035	ppbv	98
23) Vinyl Acetate	5.07	43	2178130	9.854	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1540217	9.619	ppbv	99
25) Ethyl Acetate	5.67	43	3273168	8.937	ppbv	100
26) Hexane	5.68	57	1330251	8.724	ppbv	99
27) Carbon Disulfide	4.54	76	1397471	11.461	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1929225	9.356	ppbv	96
29) Chloroform	5.75	83	2167920	9.930	ppbv	93
30) Cyclohexane	7.12	84	1130153	9.699	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1367464	9.383	ppbv	97
32) 1,1,1-Trichloroethane	6.50	97	2140246	10.136	ppbv	99
34) 2-Butanone	5.24	43	2050820	8.299	ppbv	98
35) Carbon Tetrachloride	7.01	117	2182256	10.293	ppbv	99
36) Benzene	6.89	78	2805264	9.123	ppbv	97
37) 1,2-Dichloroethane	6.30	62	1741150	9.410	ppbv	99
38) Trichloroethene	7.83	130	949298	8.336	ppbv	96
39) 1,2-Dichloropropane	7.61	63	1146185	9.181	ppbv	99
40) 1,4-Dioxane	7.83	88	364070	8.062	ppbv #	1
41) Tetrahydrofuran	6.04	42	1210838	8.478	ppbv	99
42) Bromodichloromethane	7.79	83	2360062	10.149	ppbv	96
43) Methyl Methacrylate	8.01	69	1237860	9.473	ppbv	97

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Quant Time: Jan 30 00:19:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 1
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

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

44) 2,2,4-Trimethylpentane	7.86	57	4824759	8.543	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1350885	10.884	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1636693	10.262	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1094788	9.167	ppbv	94
48) Dibromochloromethane	10.30	129	1791219	10.251	ppbv	100
49) Bromoform	13.04	173	1429648	9.802	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	3242113	8.799	ppbv	100
51) 2-Hexanone	10.13	43	2668139	9.179	ppbv #	100
52) Tetrachloroethene	11.22	164	876807	7.738	ppbv	96
53) Toluene	9.80	91	3109793	9.041	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1622104	9.162	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1340400	9.717	ppbv	94
57) Chlorobenzene	12.15	112	2145978	8.849	ppbv	98
58) Ethyl Benzene	12.71	91	4153449	9.055	ppbv	99
59) m/p-Xylene	13.00	91	7062199m	17.918	ppbv	
60) o-Xylene	13.69	91	3267767	8.601	ppbv	99
61) Styrene	13.53	104	2263817	9.436	ppbv	100
62) Isopropylbenzene	14.67	105	4817965	8.530	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2270559	8.027	ppbv	99
64) n-propylbenzene	15.56	120	1230611	8.867	ppbv	100
65) tert-Butylbenzene	16.74	119	3955284	8.263	ppbv	100
66) Benzyl Chloride	16.99	91	1292941	10.573	ppbv	100
67) sec-Butylbenzene	17.29	105	5634994	7.931	ppbv	100
69) p-Isopropyltoluene	17.65	119	4499181	7.984	ppbv	100
70) n-Butylbenzene	18.55	91	4683284	7.800	ppbv	100
71) 2-Chlorotoluene	15.45	91	3717581	8.373	ppbv	99
72) 4-Ethyltoluene	15.84	105	3634621	8.478	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3406035	8.334	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3421764	8.162	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	1769535	7.870	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1748114	7.870	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	1693267	7.710	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1304765	7.428	ppbv	99
79) Naphthalene	22.20	128	2477847	10.112	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	794038	15.186	ppbv	100
81) 1,2,4-Trichlorobenzene	21.93	180	1329402	9.292	ppbv	99

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

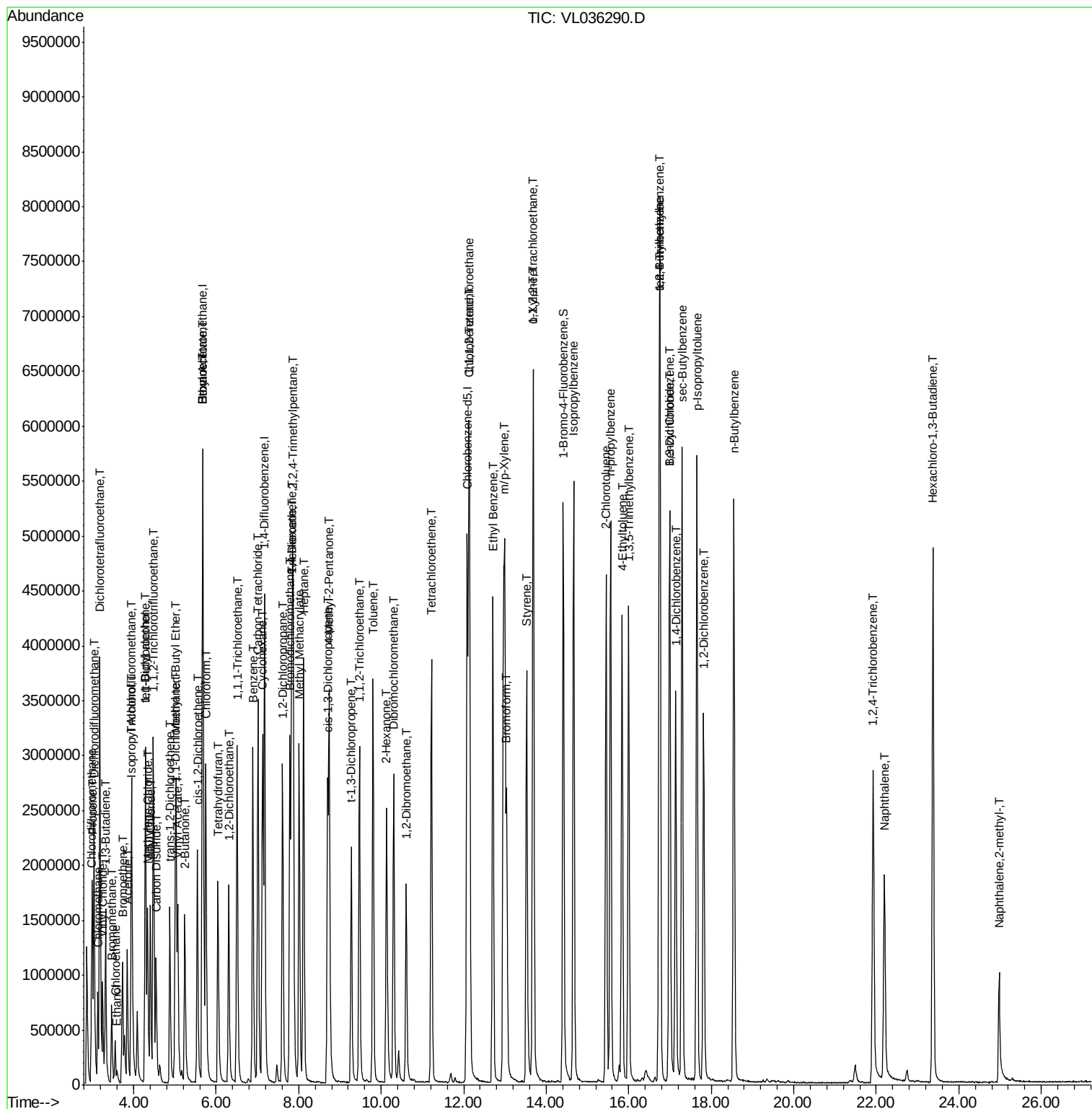
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012821\
Data File : VL036290.D
Acq On : 29 Jan 2021 11:12
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

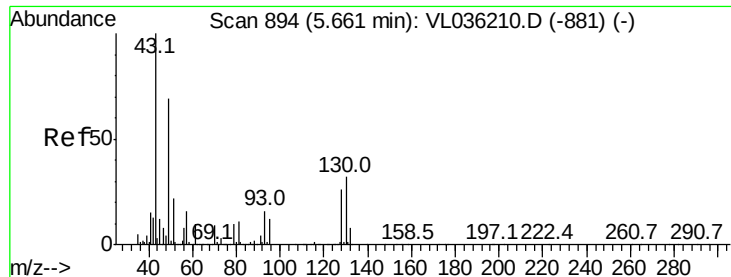
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED

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2/1/2021 1:54:01 PM

Quant Time: Jan 30 00:19:38 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSV0A_LThu Jan
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 49 Resp: 1489505

Ion Ratio Lower Upper

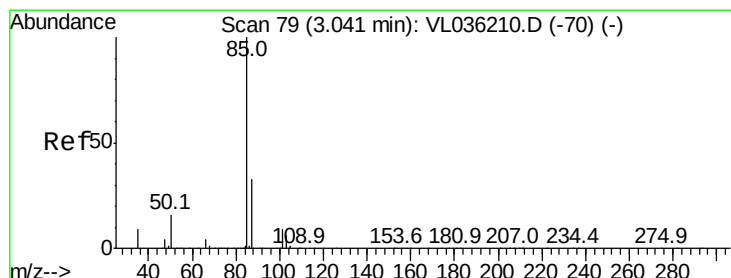
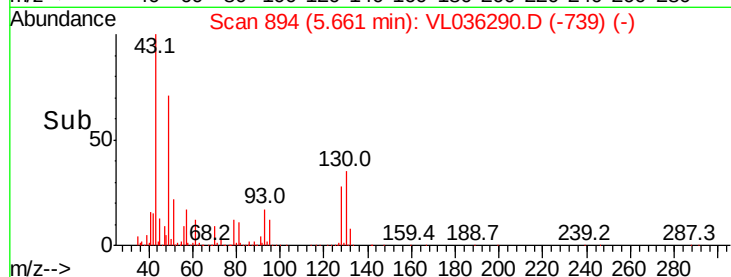
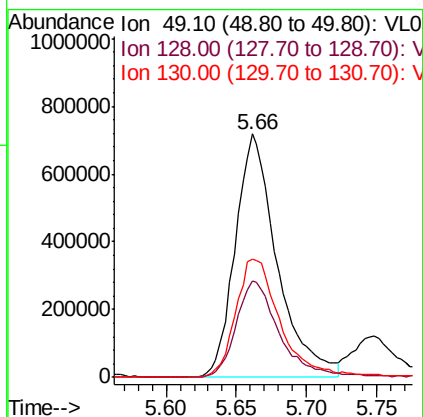
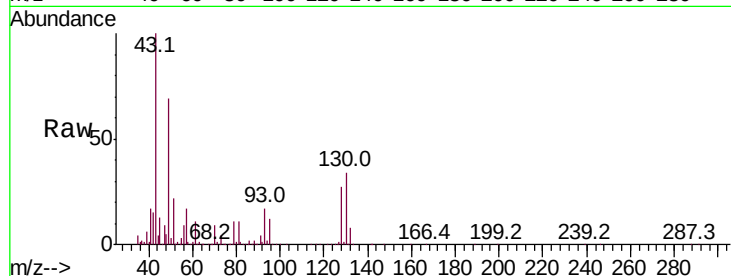
49 100

128 41.6 20.1 60.2

130 52.5 25.3 75.9

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 9.766 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL036290.D

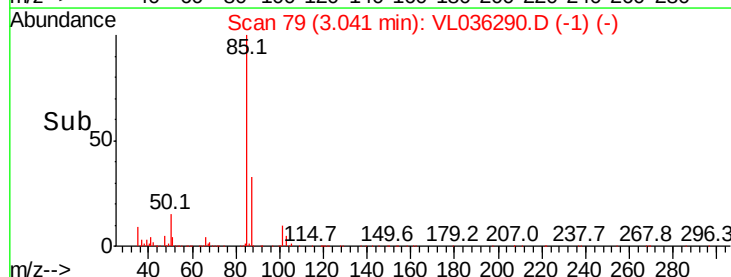
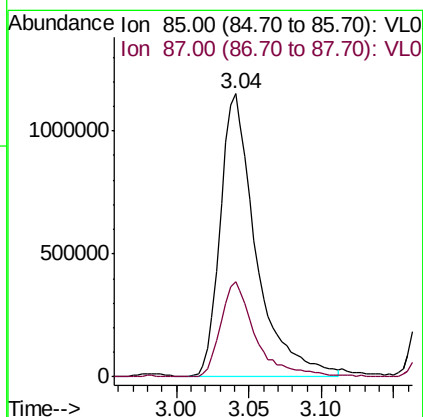
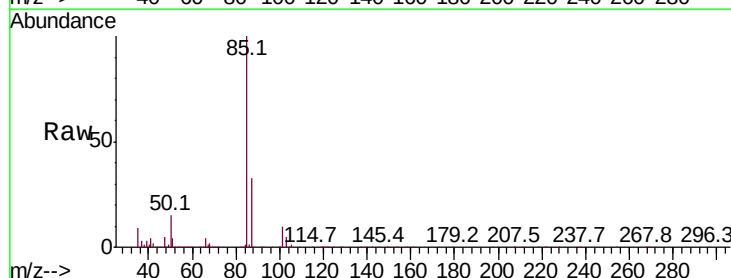
Acq: 29 Jan 2021 11:12

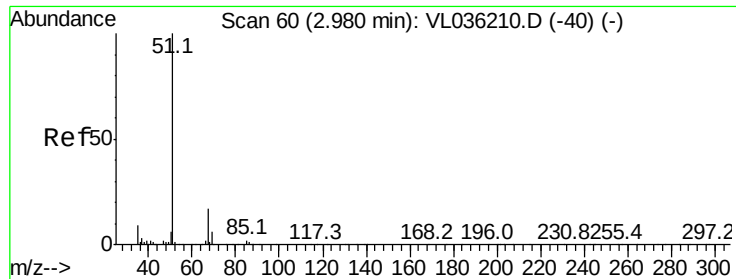
Tgt Ion: 85 Resp: 1950015

Ion Ratio Lower Upper

85 100

87 33.4 26.4 39.6





#3

Chlorodifluoromethane

Concen: 9.385 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 51 Resp: 1716818

Ion Ratio Lower Upper

51 100

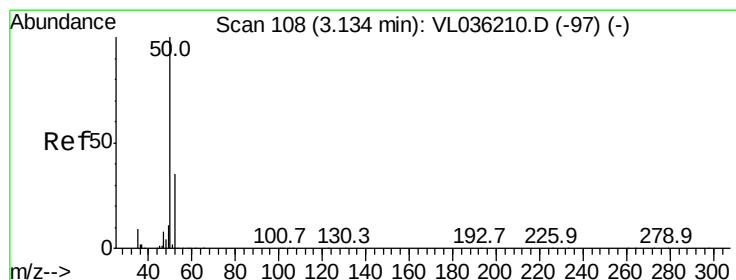
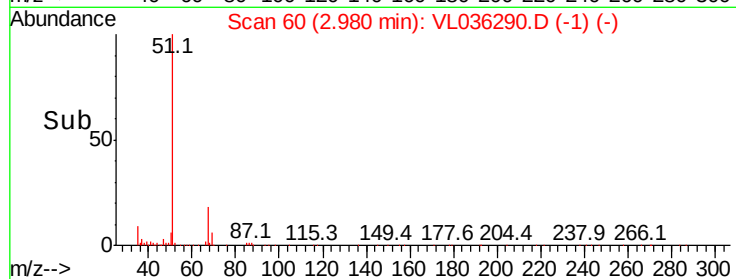
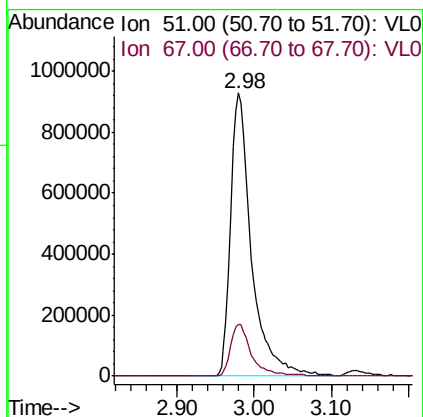
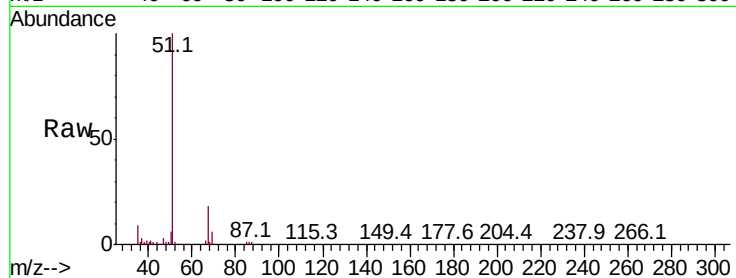
67 18.6 14.0 21.0

Manual Integrations

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2/1/2021 1:54:01 PM



#4

Chloromethane

Concen: 9.131 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL036290.D

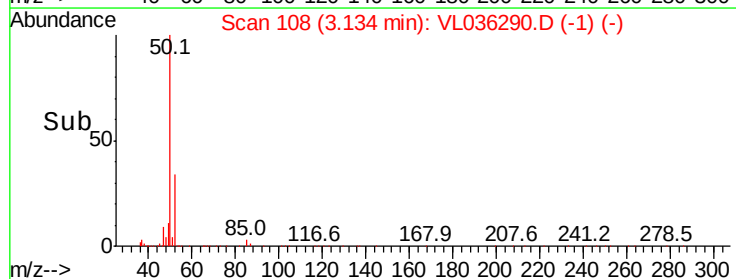
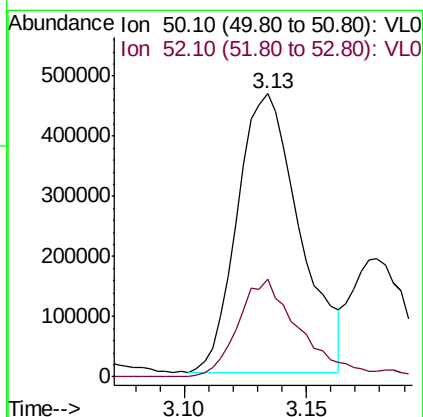
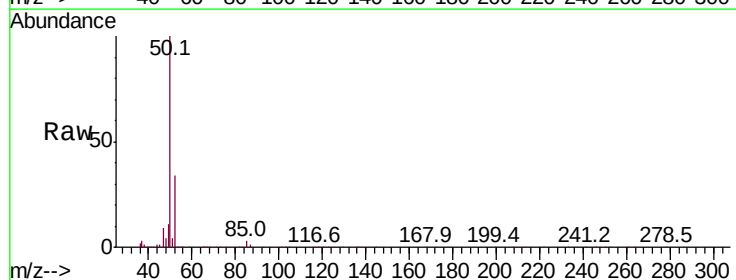
Acq: 29 Jan 2021 11:12

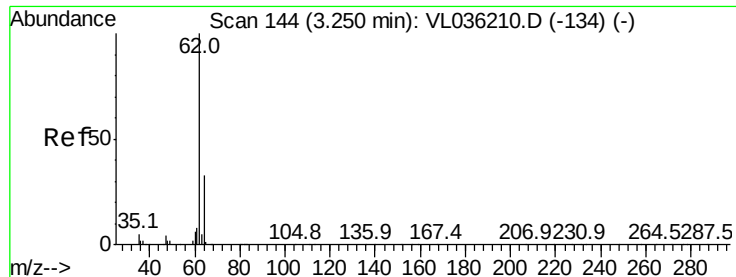
Tgt Ion: 50 Resp: 825589

Ion Ratio Lower Upper

50 100

52 34.8 27.8 41.8





#5

Vinyl Chloride

Concen: 9.709 ppbv

RT: 3.25 min Scan# 144

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 62 Resp: 830651

Ion Ratio Lower Upper

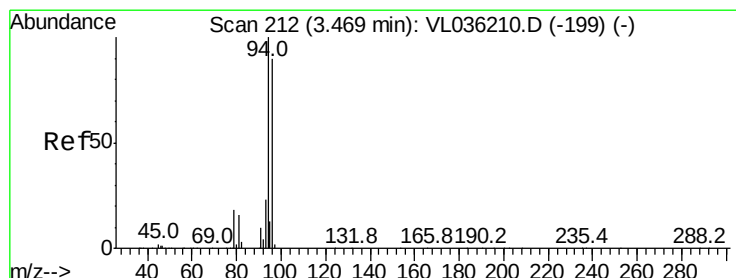
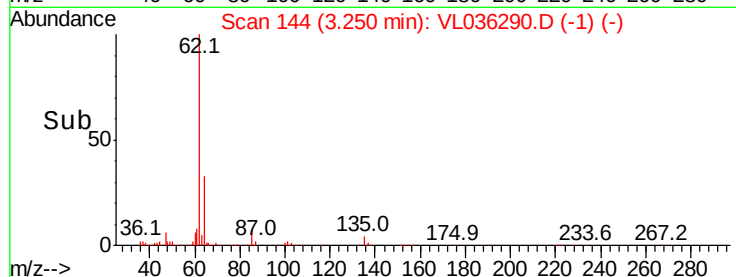
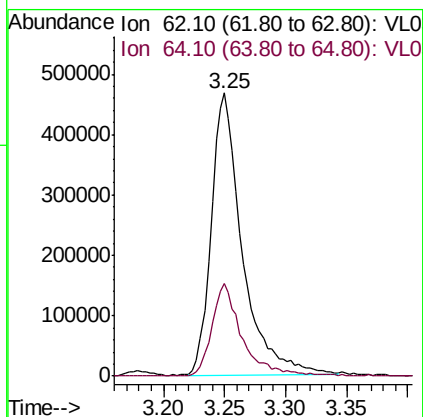
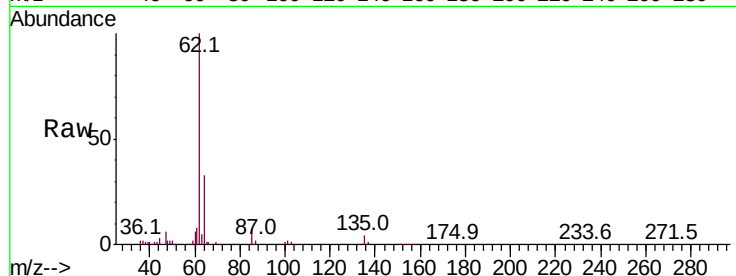
62 100

64 32.8 26.2 39.2

Manual Integrations
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2/1/2021 1:54:01 PM



#6

Bromomethane

Concen: 9.359 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036290.D

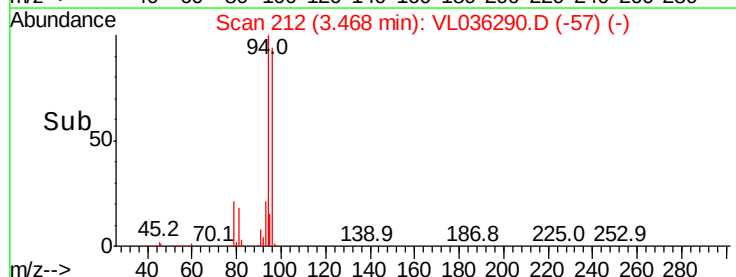
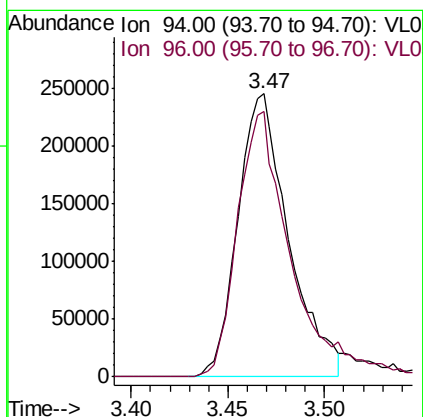
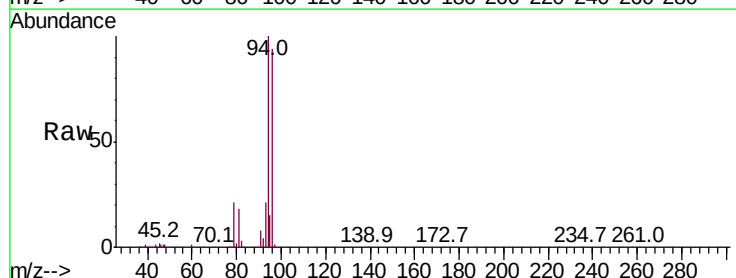
Acq: 29 Jan 2021 11:12

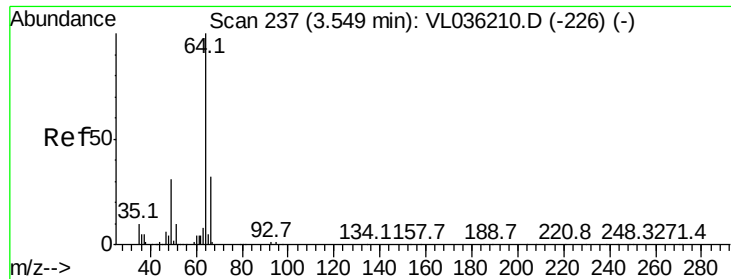
Tgt Ion: 94 Resp: 447667

Ion Ratio Lower Upper

94 100

96 93.5 71.9 107.9





#7

Chloroethane

Concen: 9.872 ppbv

RT: 3.55 min Scan# 237

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 64 Resp: 290856

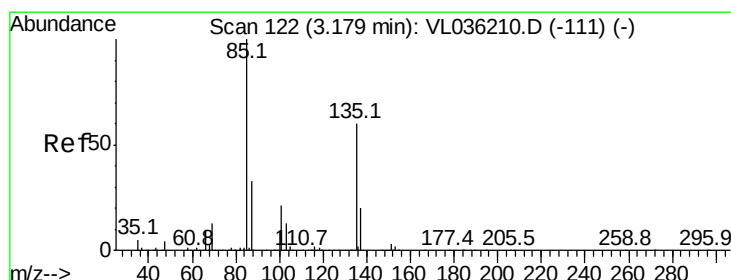
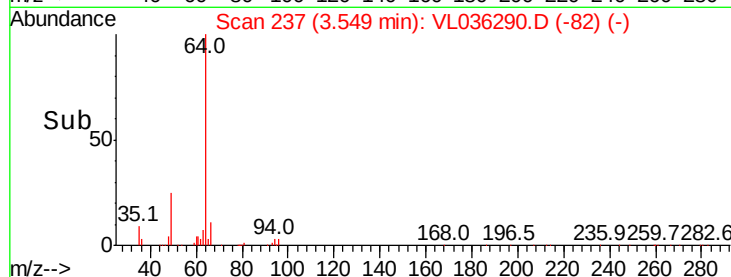
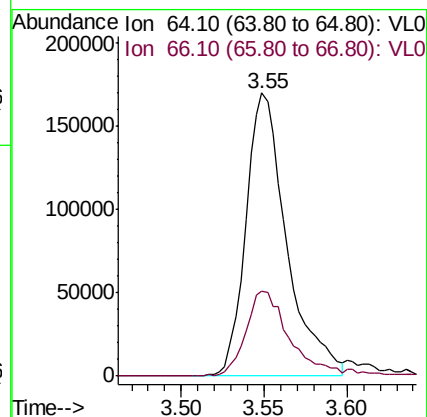
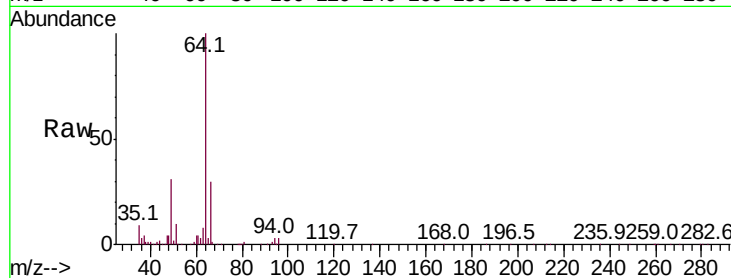
Ion Ratio Lower Upper

64 100

66 30.2 25.2 37.8

Manual Integrations
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#8

Dichlorotetrafluoroethane

Concen: 9.981 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.00 min

Lab File: VL036290.D

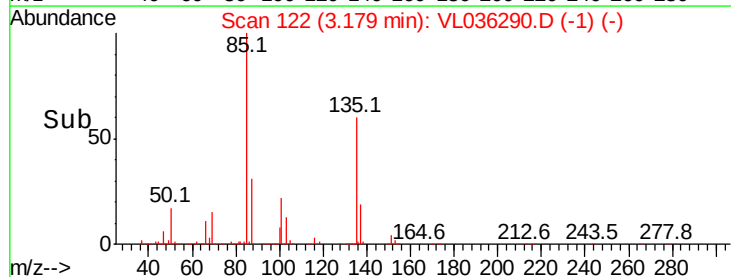
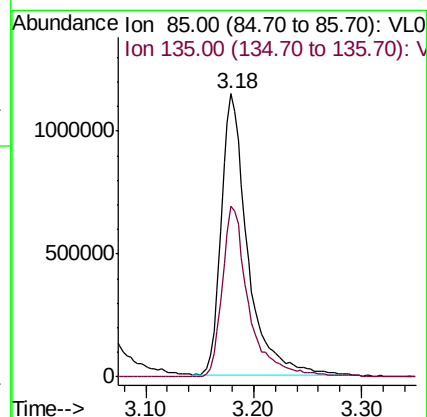
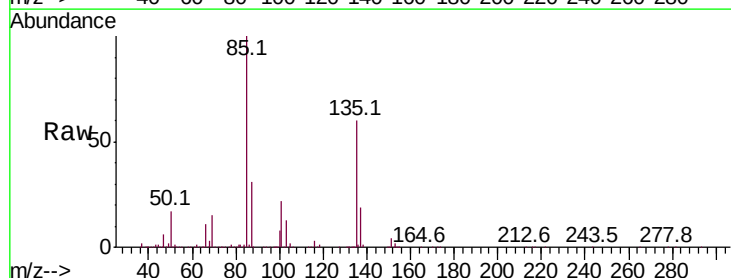
Acq: 29 Jan 2021 11:12

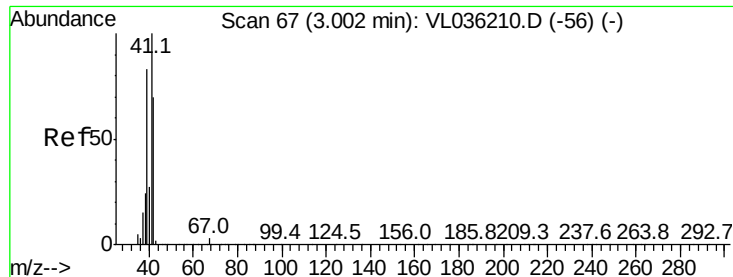
Tgt Ion: 85 Resp: 1930659

Ion Ratio Lower Upper

85 100

135 62.3 51.5 77.3





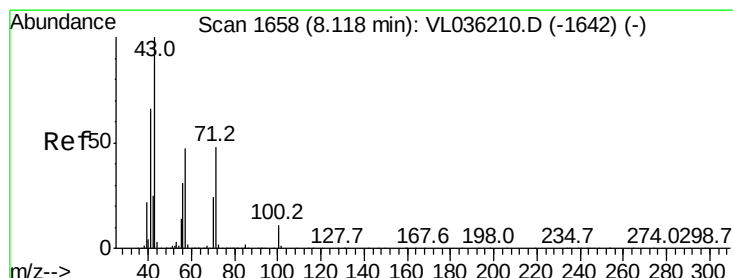
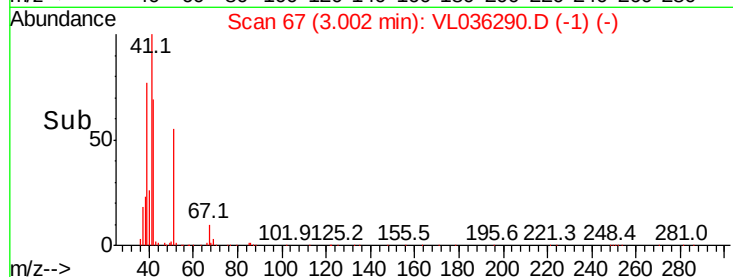
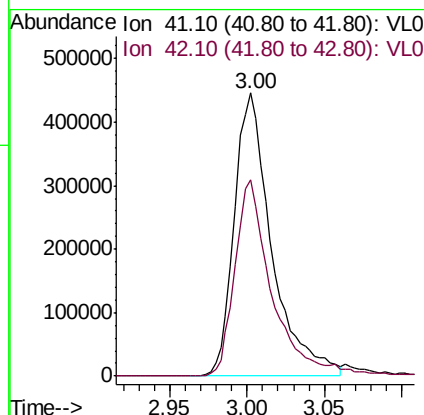
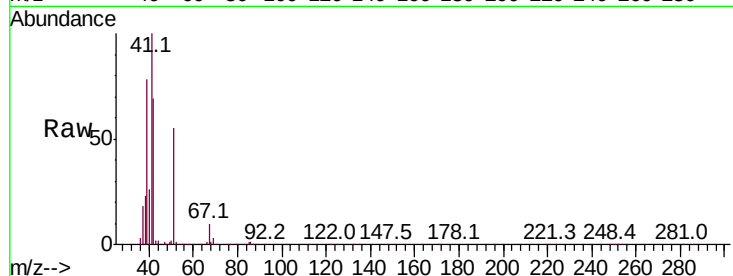
#9
Propene
Concen: 8.583 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 41 Resp: 747674
Ion Ratio Lower Upper
41 100
42 69.8 57.1 85.7

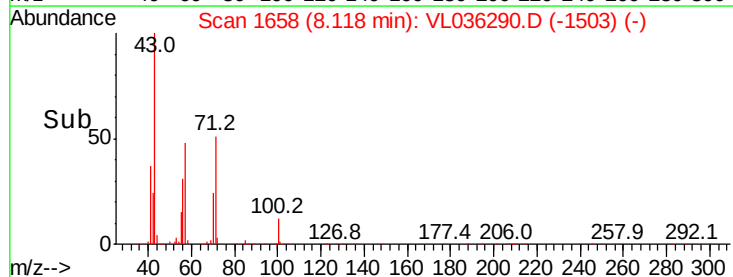
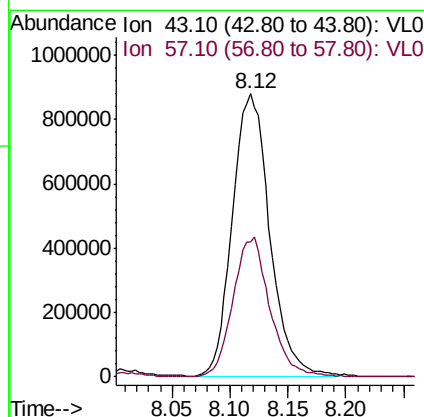
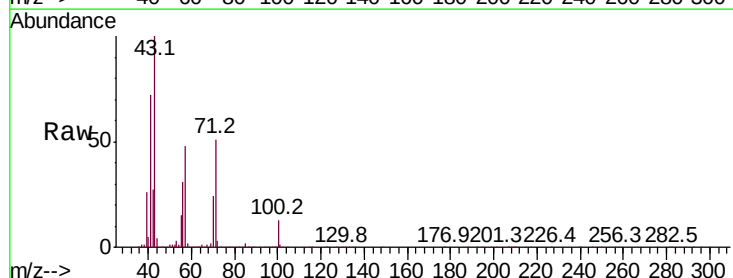
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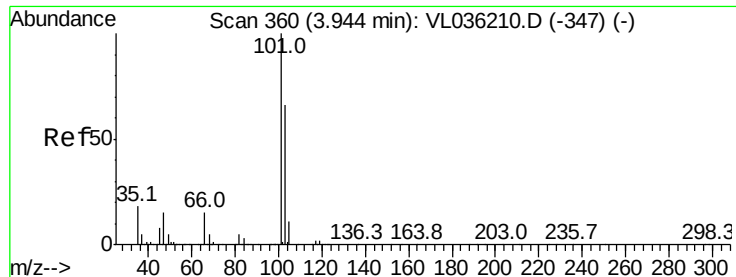
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2/1/2021 1:54:01 PM



#10
Heptane
Concen: 9.083 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 43 Resp: 1964046
Ion Ratio Lower Upper
43 100
57 49.0 38.1 57.1





#11

Trichlorofluoromethane

Concen: 10.061 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:101 Resp: 2042236

Ion Ratio Lower Upper

101 100

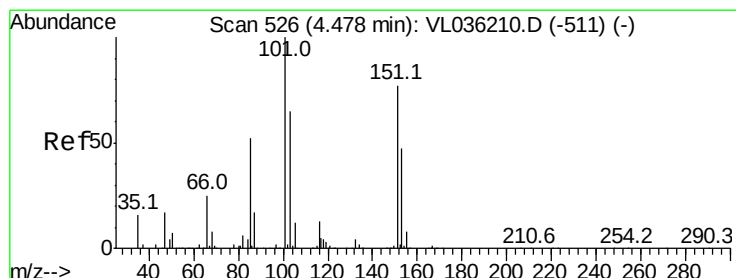
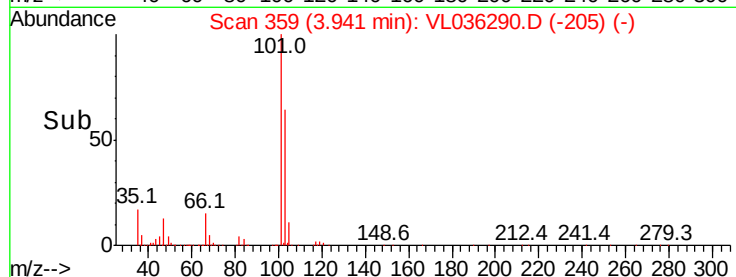
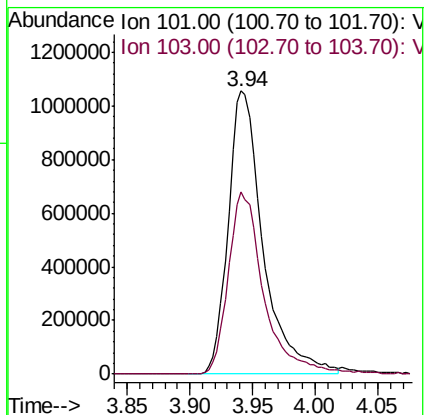
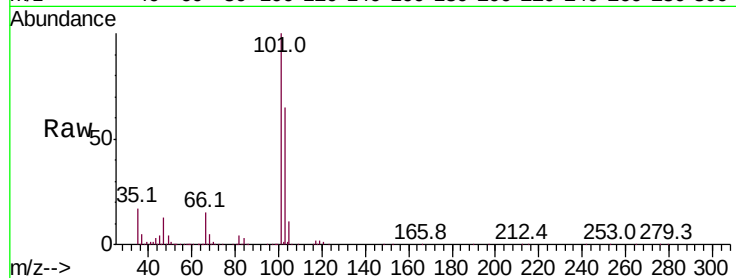
103 64.6 52.6 78.8

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#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.238 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.00 min

Lab File: VL036290.D

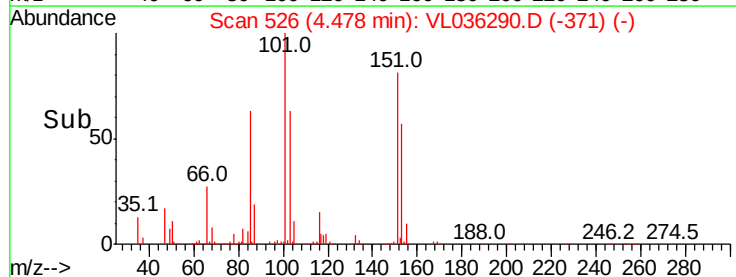
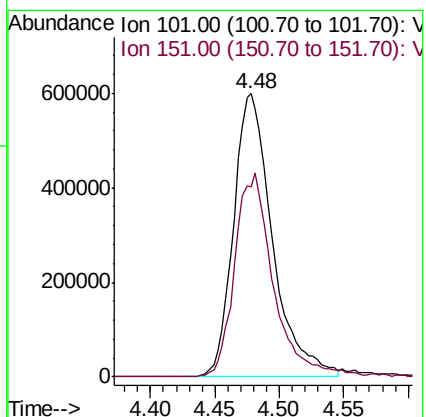
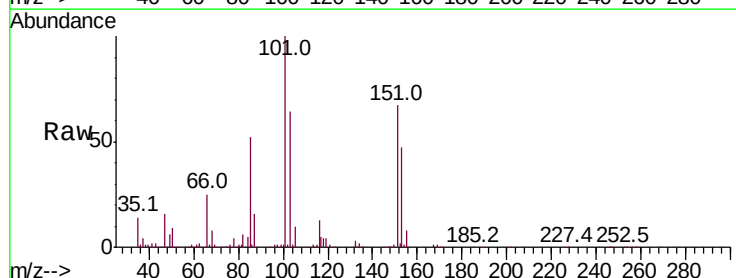
Acq: 29 Jan 2021 11:12

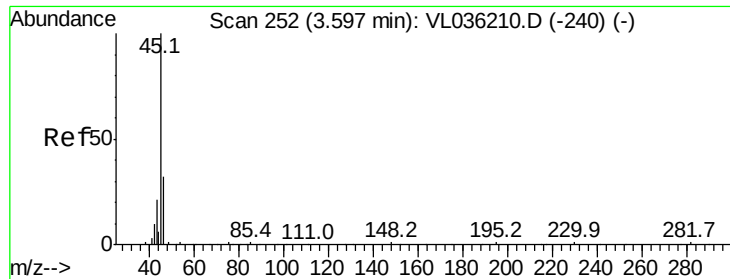
Tgt Ion:101 Resp: 1259917

Ion Ratio Lower Upper

101 100

151 71.5 59.8 89.6





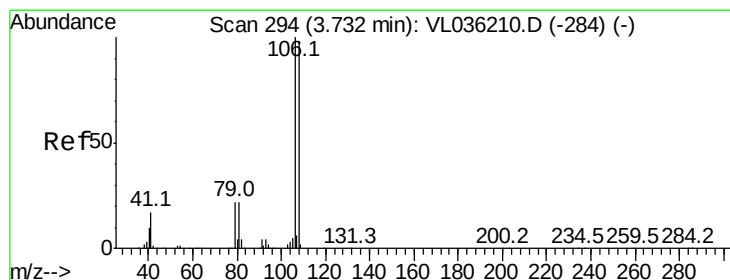
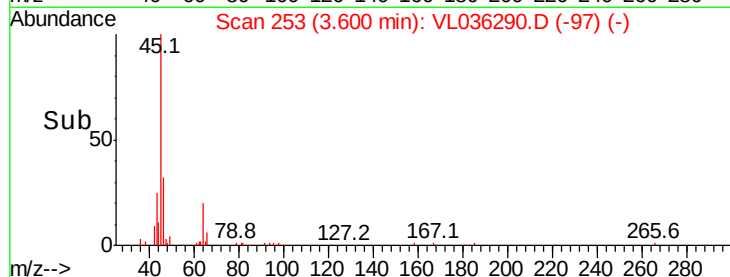
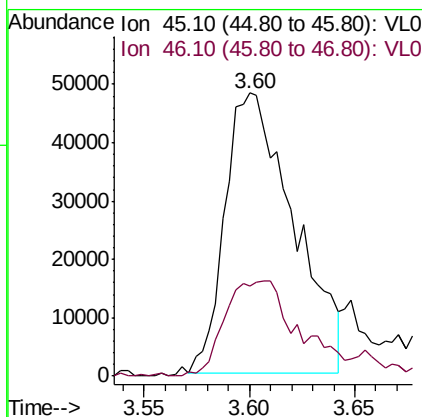
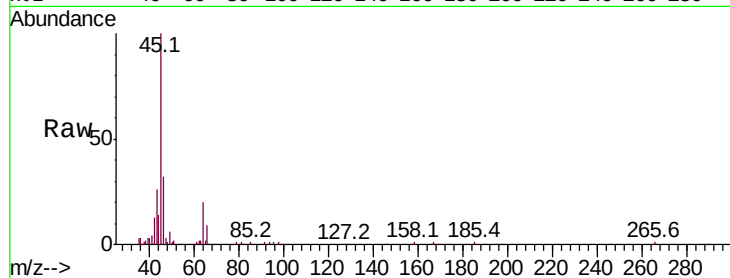
#13
Ethanol
Concen: 7.963 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
45	100		
46	43.8	19.2	77.0

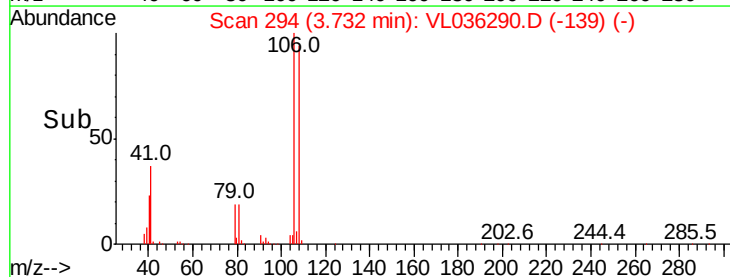
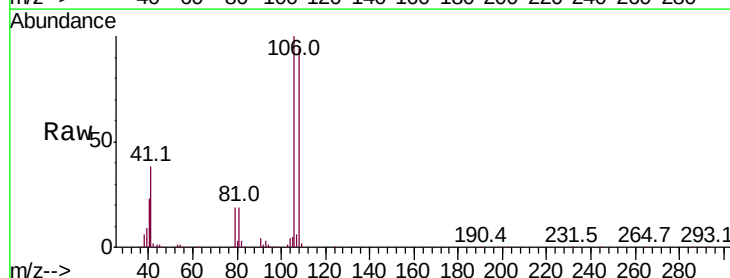
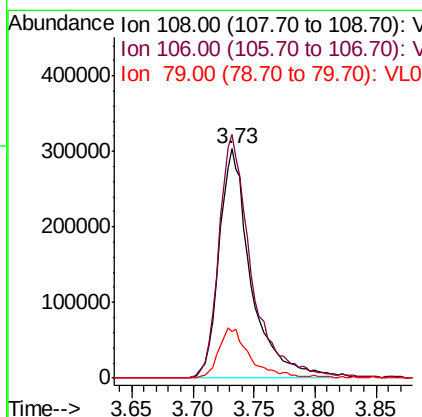
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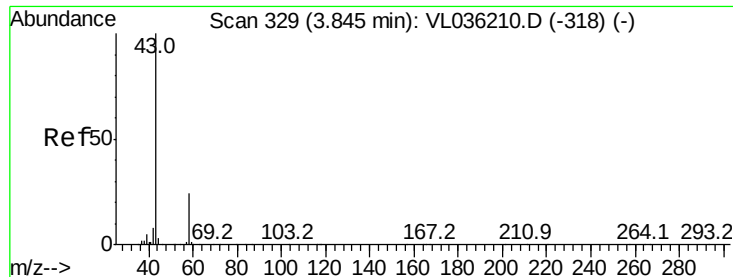
MMDadoda
2/1/2021 1:54:01 PM



#14
Bromoethene
Concen: 9.990 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
108	100		
106	109.3	91.4	137.2
79	22.4	18.3	27.5





#15

Acetone

Concen: 8.671 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 1581858

Ion Ratio Lower Upper

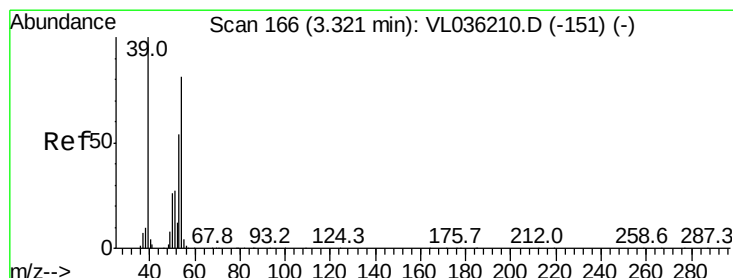
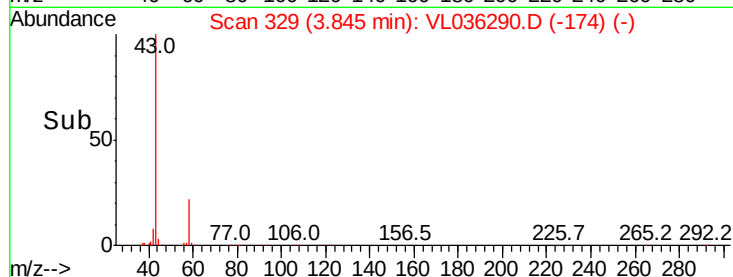
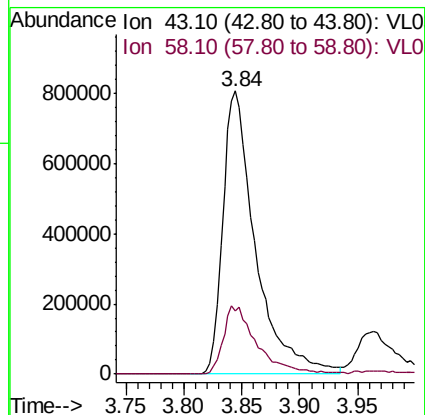
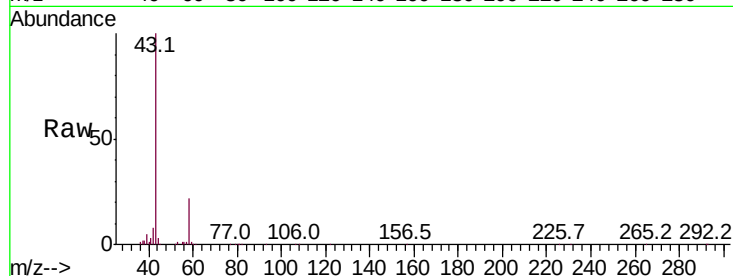
43 100

58 25.1 20.9 31.3

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2/1/2021 1:54:01 PM



#16

1,3-Butadiene

Concen: 9.128 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.00 min

Lab File: VL036290.D

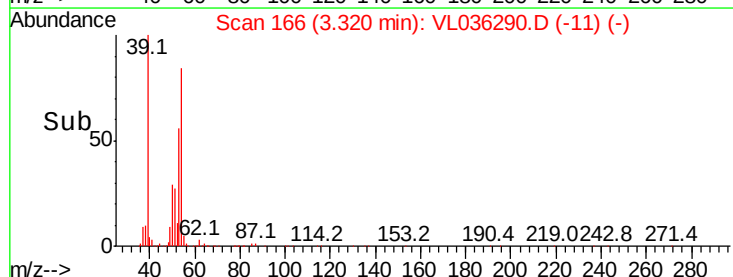
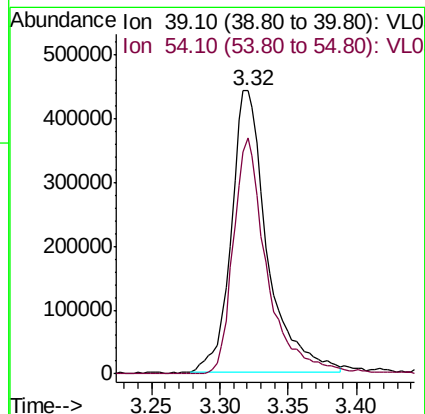
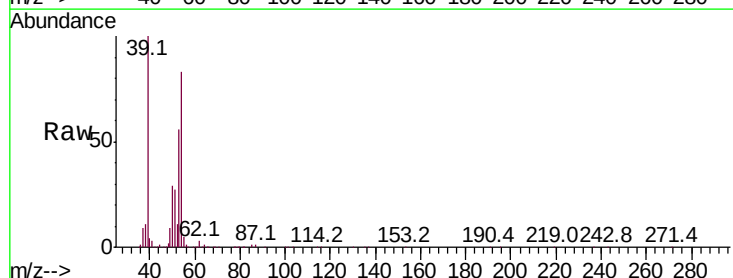
Acq: 29 Jan 2021 11:12

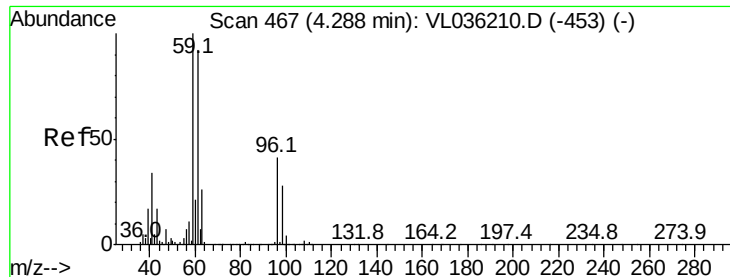
Tgt Ion: 39 Resp: 811180

Ion Ratio Lower Upper

39 100

54 79.4 62.5 93.7





#17

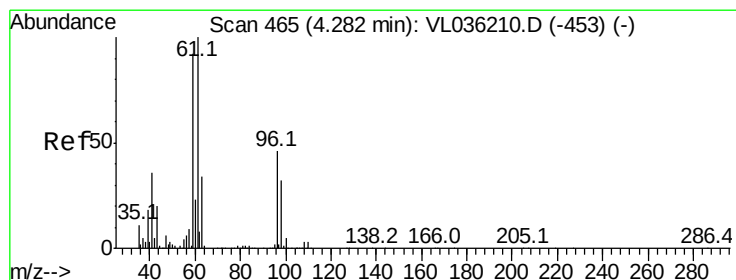
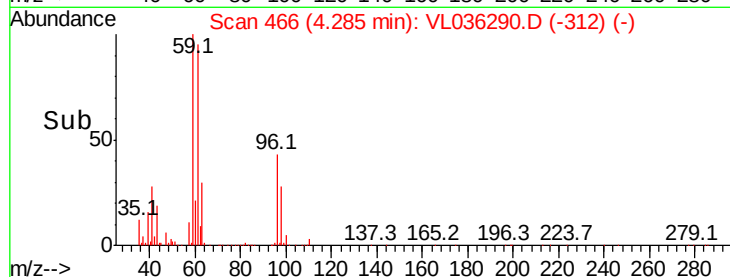
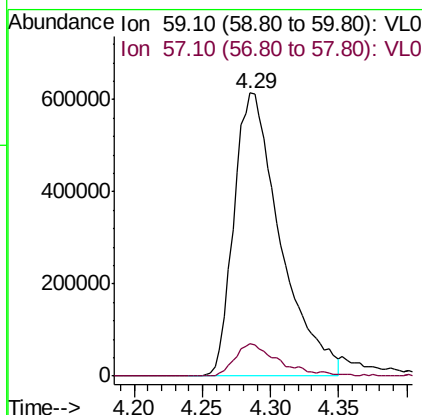
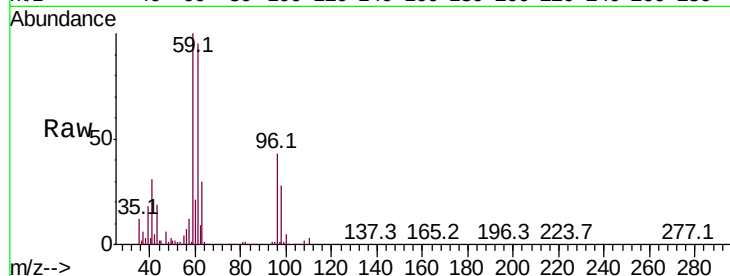
tert-Butyl alcohol
Concen: 9.681 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 59 Resp: 1457357
Ion Ratio Lower Upper
59 100
57 11.4 9.2 13.8

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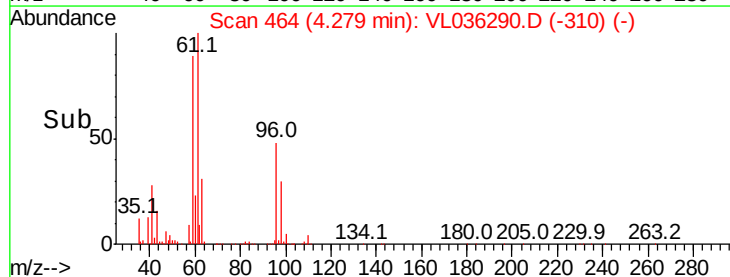
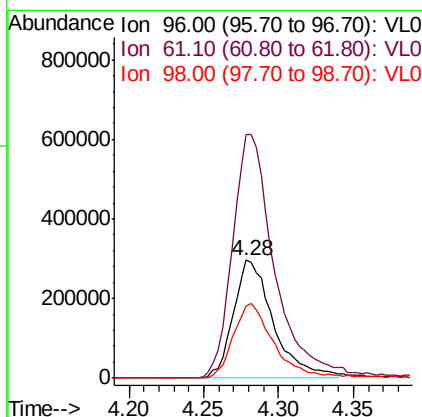
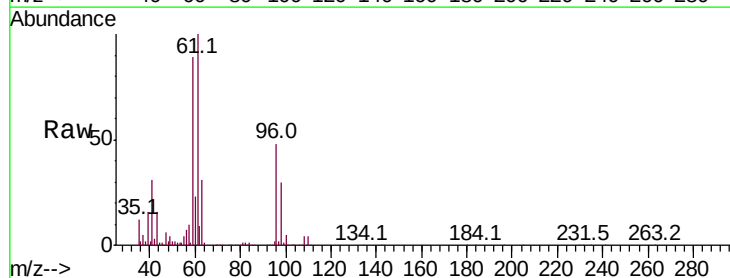
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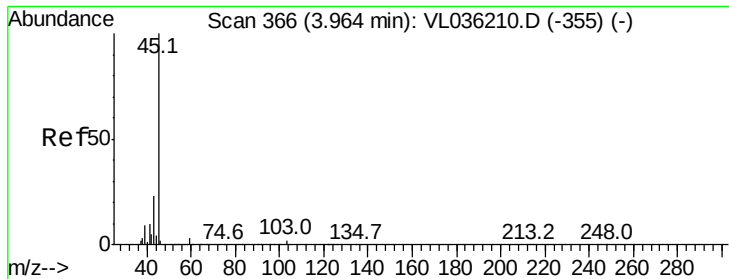


#18

1,1-Dichloroethene
Concen: 9.674 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 96 Resp: 551938
Ion Ratio Lower Upper
96 100
61 206.5 173.4 260.0
98 61.0 54.9 82.3





#19

Isopropyl Alcohol

Concen: 8.964 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 985821

Ion Ratio Lower Upper

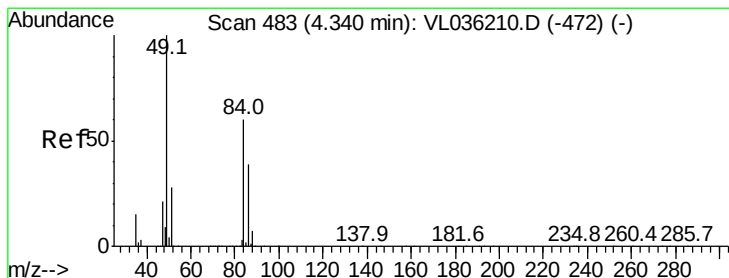
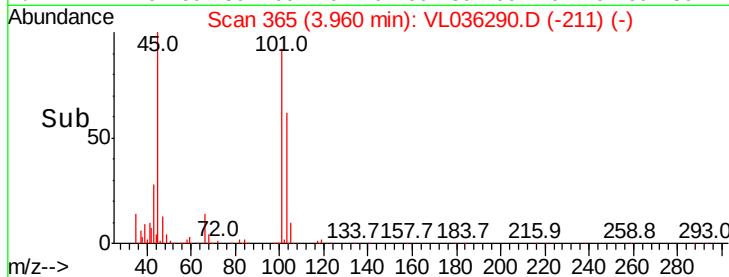
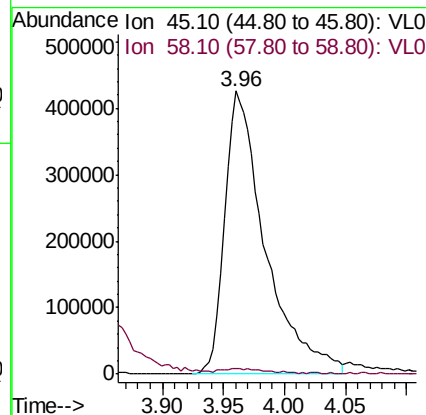
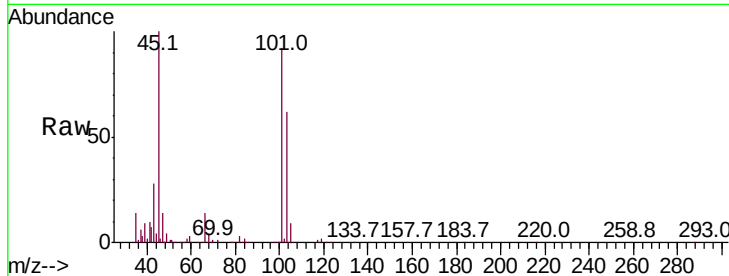
45 100

58 2.2 1.9 2.9

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2/1/2021 1:54:01 PM



#20

Methylene Chloride

Concen: 8.241 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion: 84 Resp: 479820

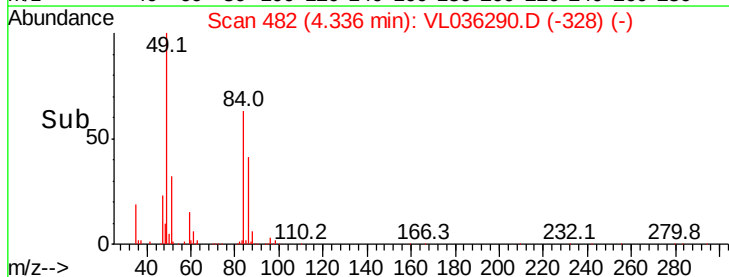
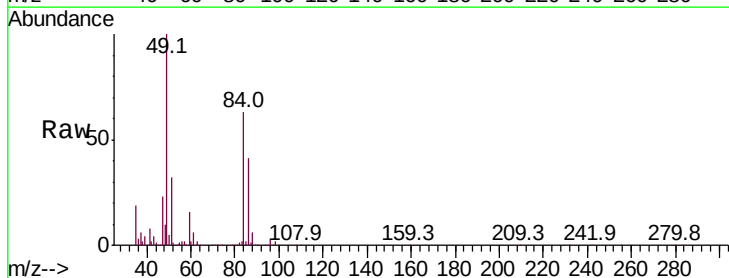
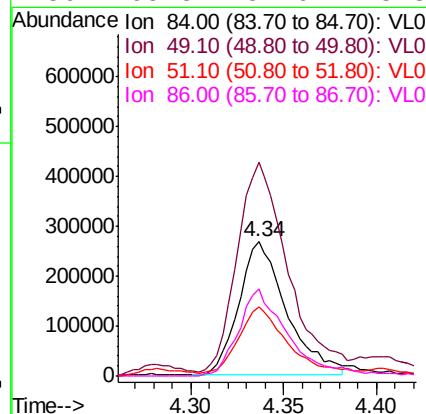
Ion Ratio Lower Upper

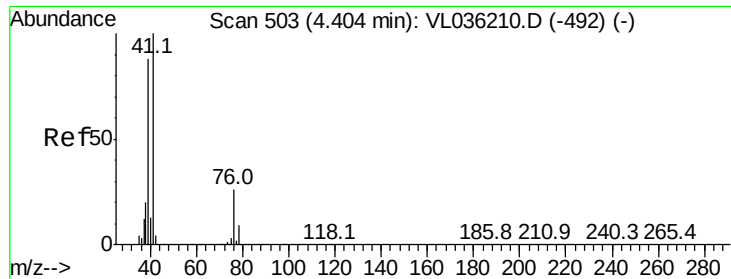
84 100

49 157.2 134.1 201.1

51 48.7 37.4 56.0

86 65.3 52.6 78.8





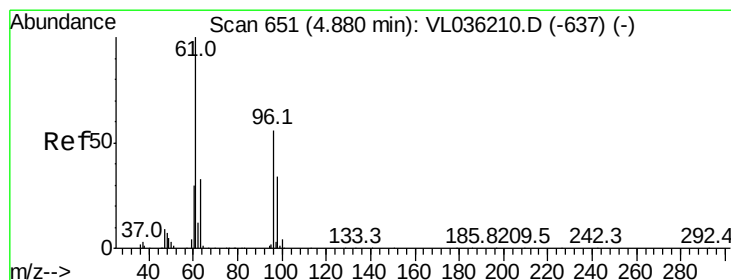
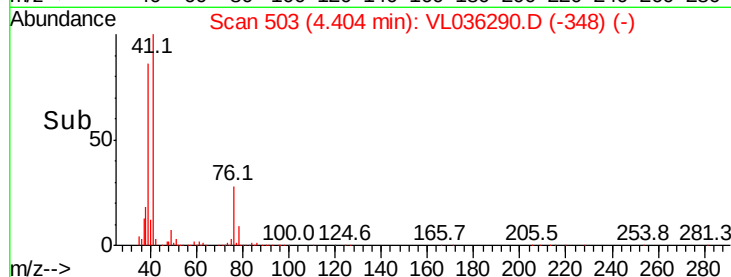
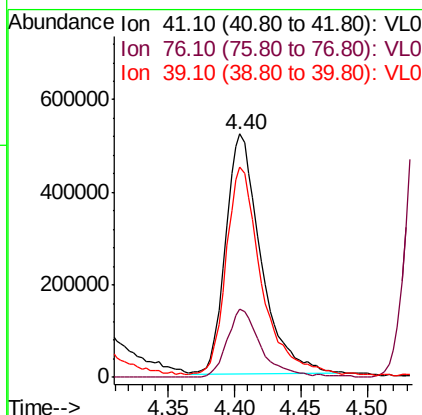
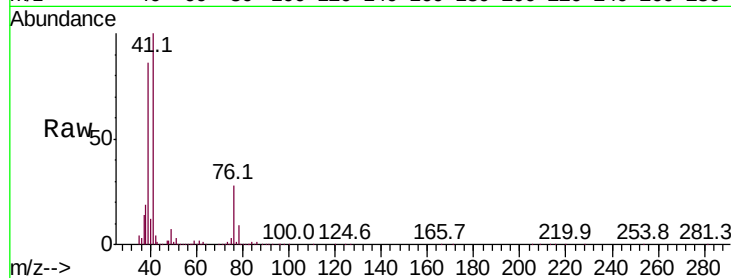
#21
Allvl Chloride
Concen: 9.635 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
41	100		
76	27.9	20.5	30.7
39	89.1	67.8	101.8

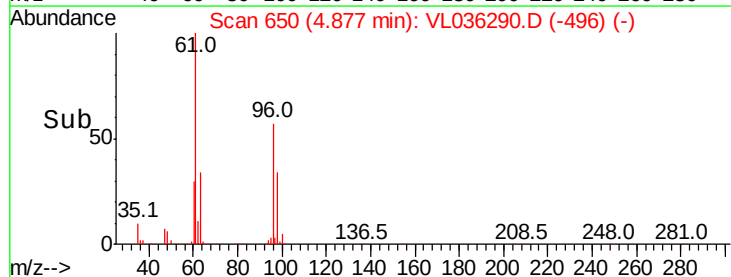
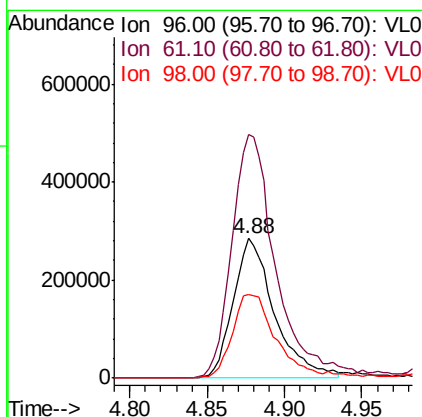
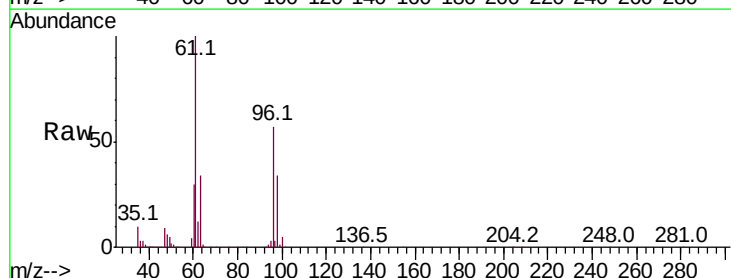
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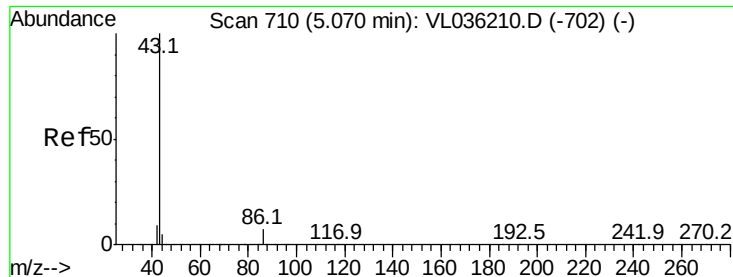
MMDadoda
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#22
trans-1,2-Dichloroethene
Concen: 10.035 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.7	142.7	214.1
98	59.6	48.7	73.1





#23

Vinyl Acetate

Concen: 9.854 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 2178130

Ion Ratio Lower Upper

43 100

86 6.8 4.9 7.3

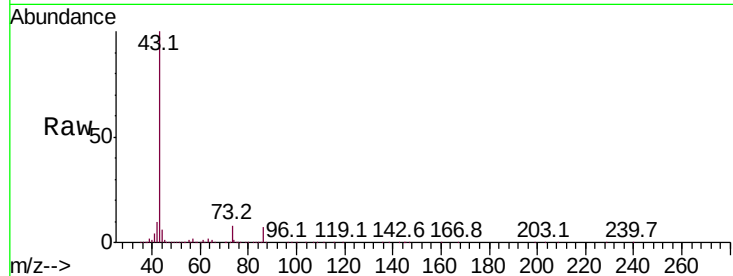
42 10.1 7.8 11.6

44 5.3 3.7 5.5

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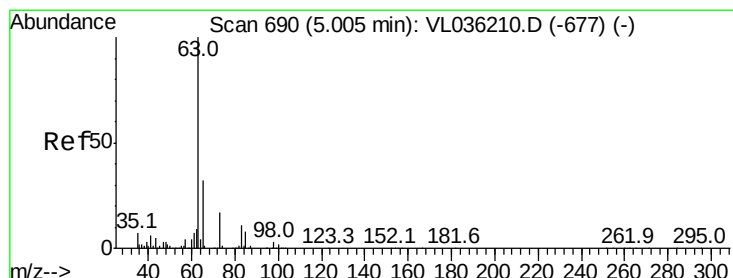
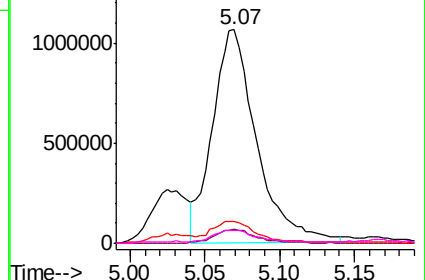
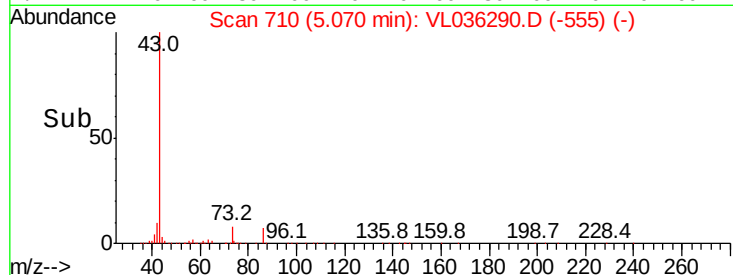


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.619 ppbv

RT: 5.00 min Scan# 689

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

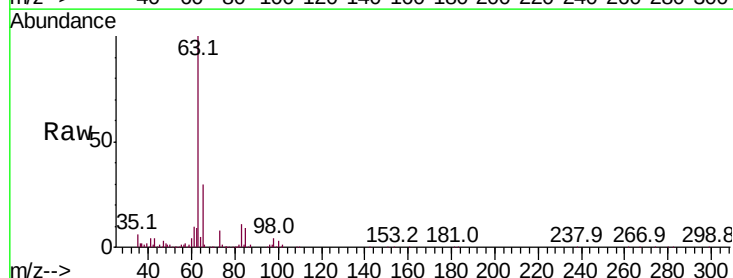
Tgt Ion: 63 Resp: 1540217

Ion Ratio Lower Upper

63 100

98 3.7 1.7 5.1

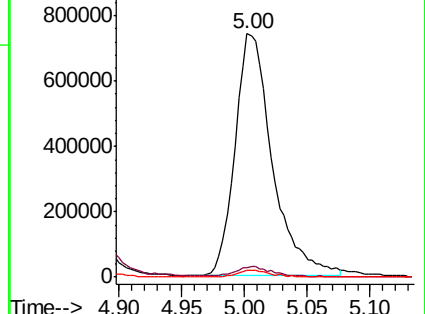
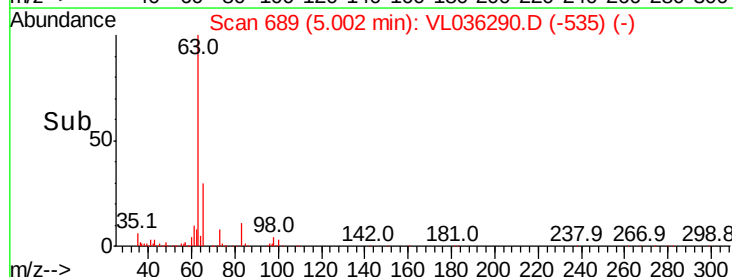
100 2.5 1.1 3.1

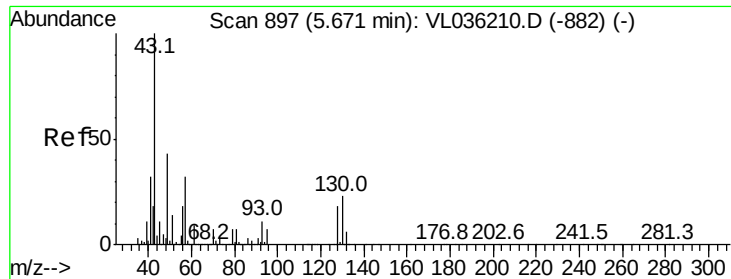


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





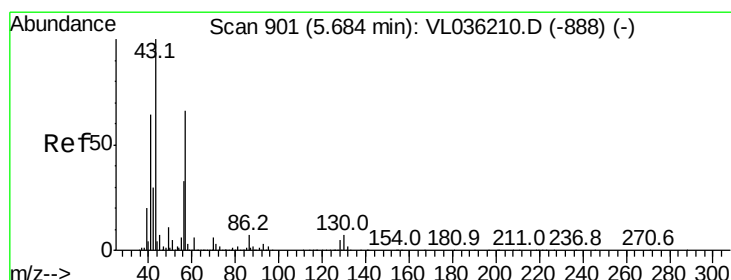
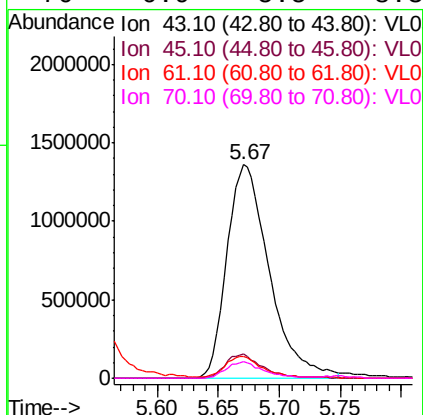
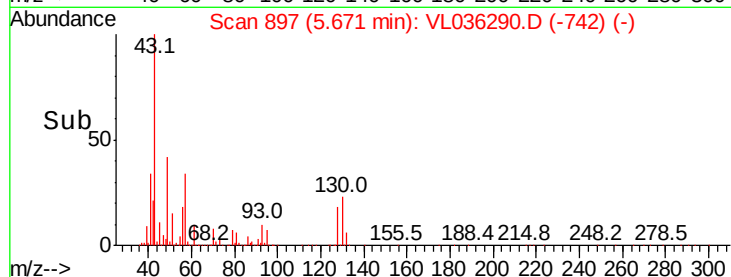
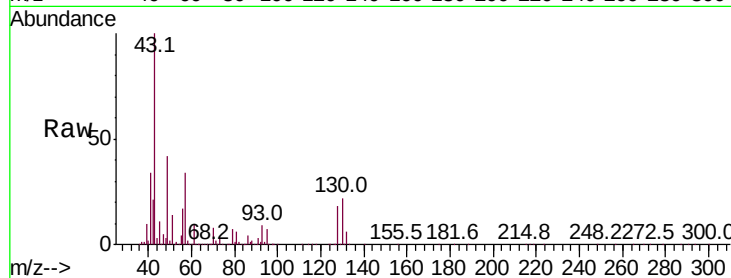
#25
Ethyl Acetate
Concen: 8.937 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.3	12.5
61	9.6	7.4	11.2
70	6.9	5.5	8.3

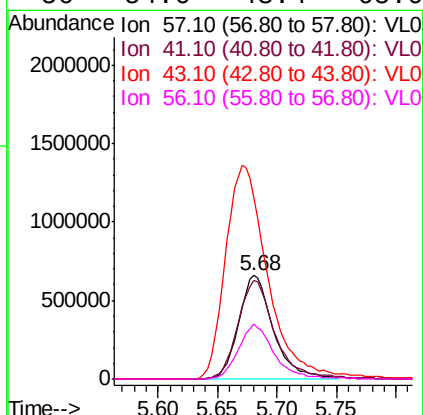
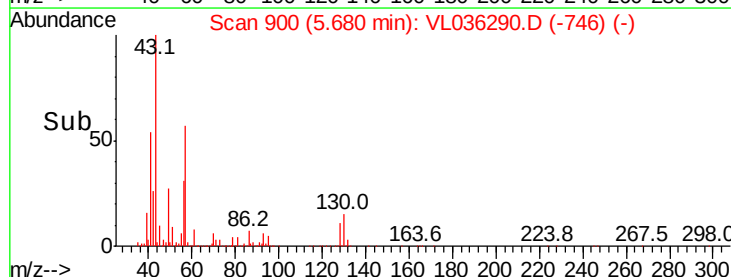
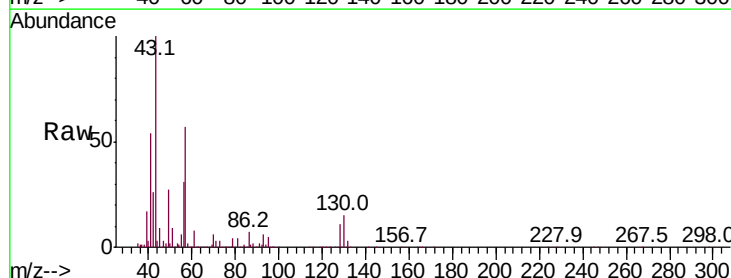
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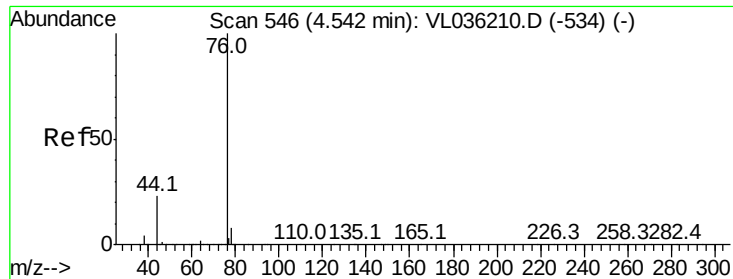
MMDadoda
2/1/2021 1:54:01 PM



#26
Hexane
Concen: 8.724 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
57	100		
41	102.4	83.0	124.6
43	251.2	202.4	303.6
56	54.6	43.4	65.0





#27

Carbon Disulfide

Concen: 11.461 ppbv

RT: 4.54 min Scan# 546

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 76 Resp: 1397471

Ion Ratio Lower Upper

76 100

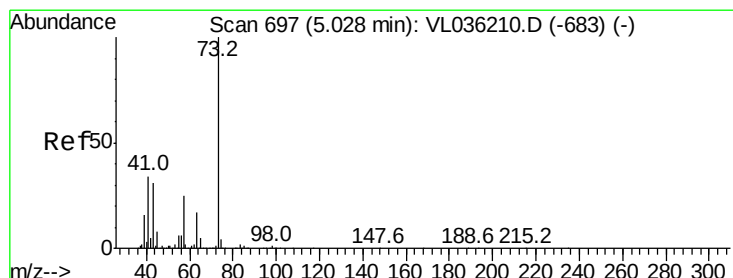
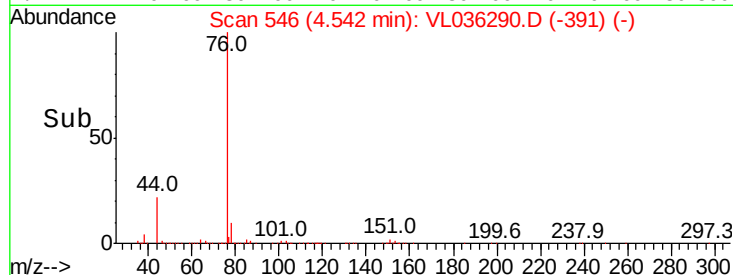
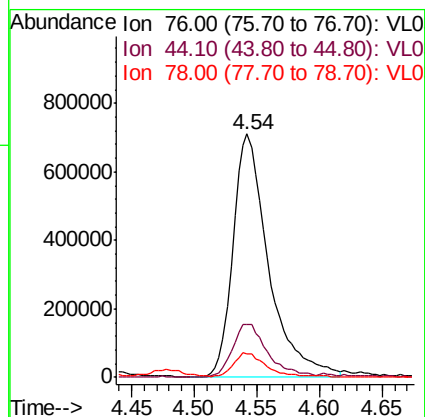
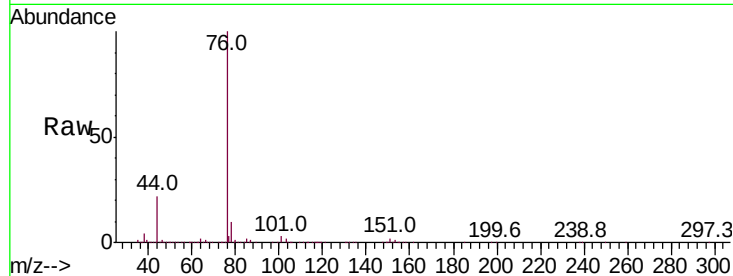
44 22.2 19.0 28.6

78 10.1 8.0 12.0

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 9.356 ppbv

RT: 5.03 min Scan# 697

Delta R.T. -0.00 min

Lab File: VL036290.D

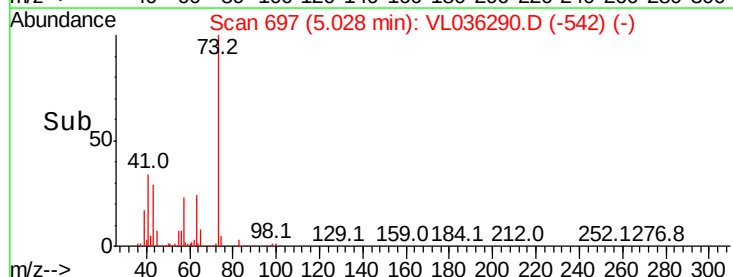
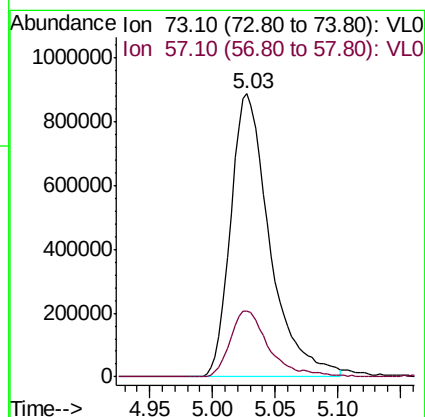
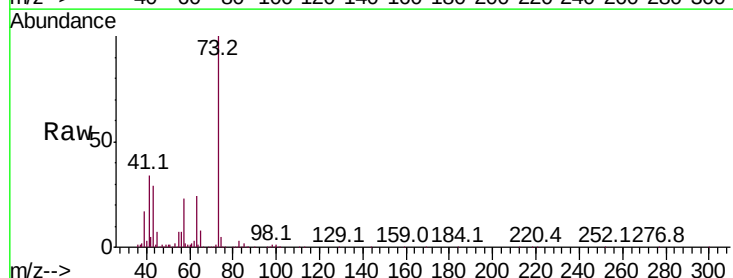
Acq: 29 Jan 2021 11:12

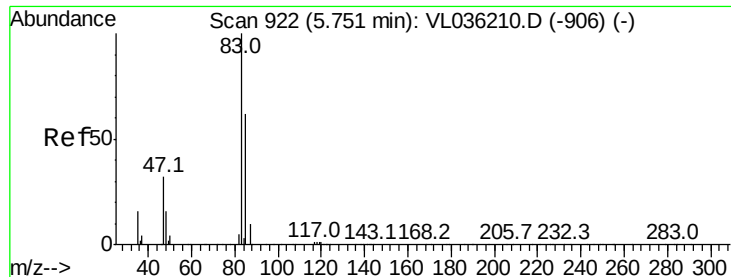
Tgt Ion: 73 Resp: 1929225

Ion Ratio Lower Upper

73 100

57 23.4 20.4 30.6





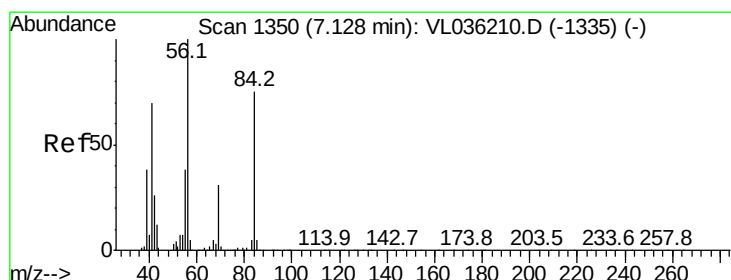
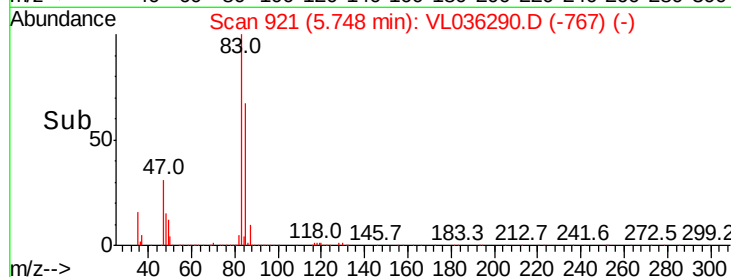
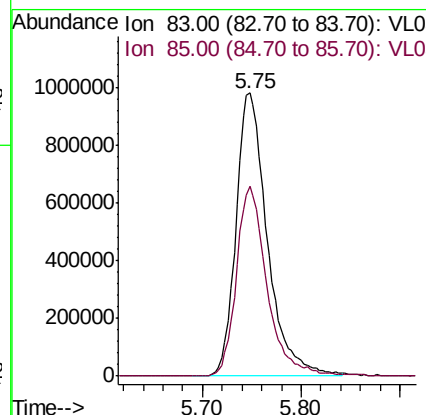
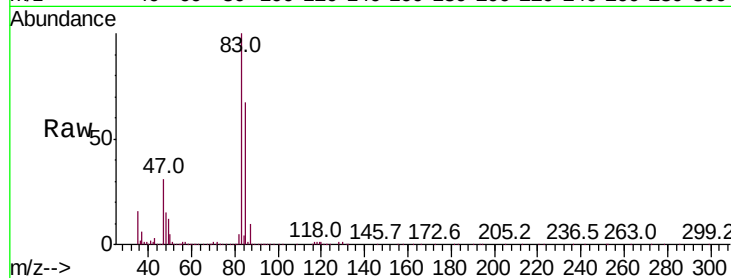
#29
Chloroform
Concen: 9.930 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 83 Resp: 2167920
Ion Ratio Lower Upper
83 100
85 66.6 49.3 73.9

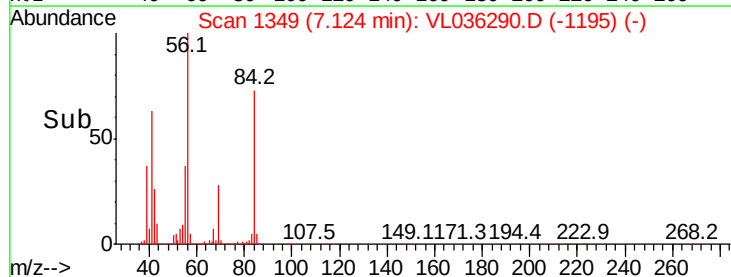
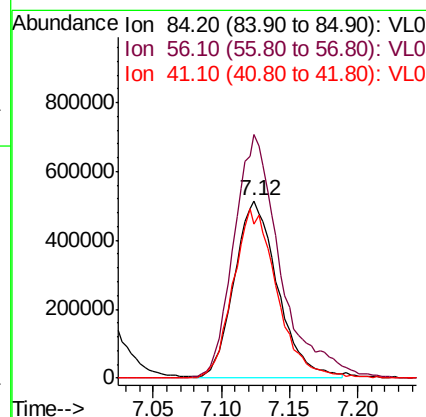
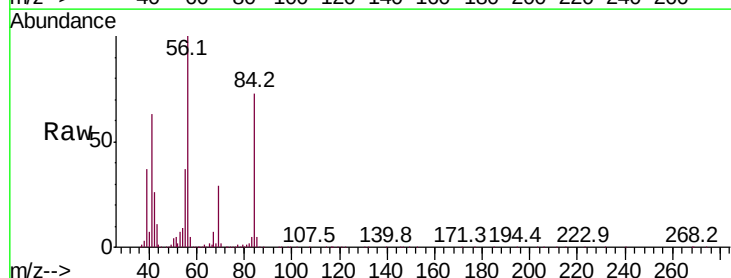
Manual Integrations
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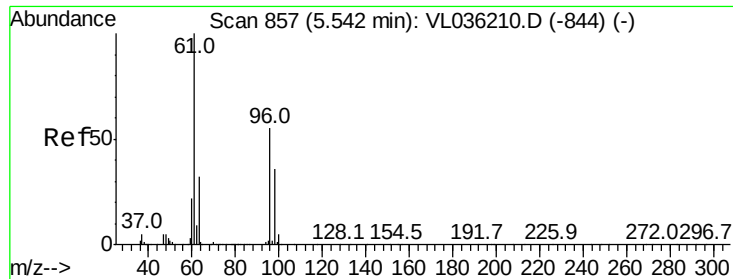
MMDadoda
2/1/2021 1:54:01 PM



#30
Cyclohexane
Concen: 9.699 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 84 Resp: 1130153
Ion Ratio Lower Upper
84 100
56 149.0 119.4 179.0
41 97.2 79.4 119.0





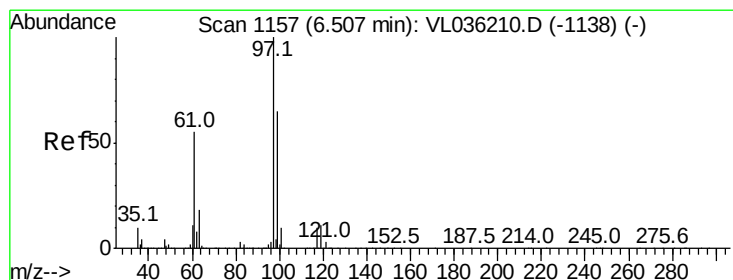
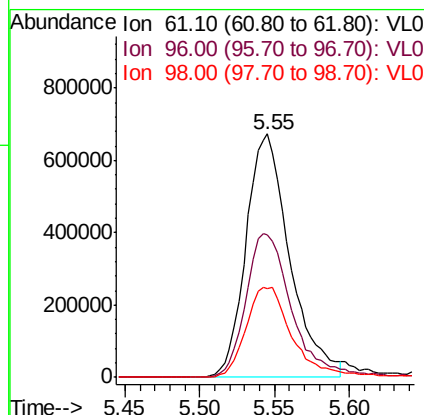
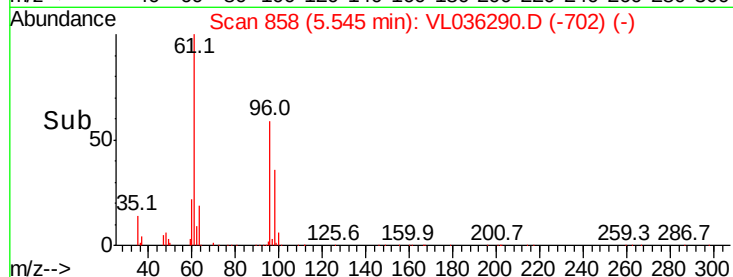
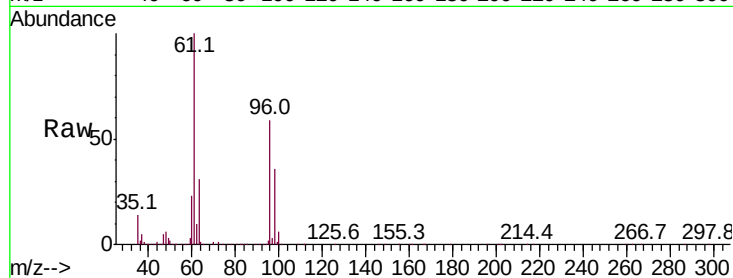
#31
 cis-1,2-Dichloroethene
 Concen: 9.383 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 61 Resp: 1367464
 Ion Ratio Lower Upper
 61 100
 96 58.6 44.1 66.1
 98 36.3 28.6 42.8

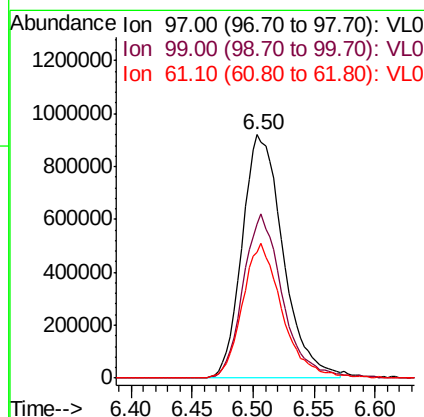
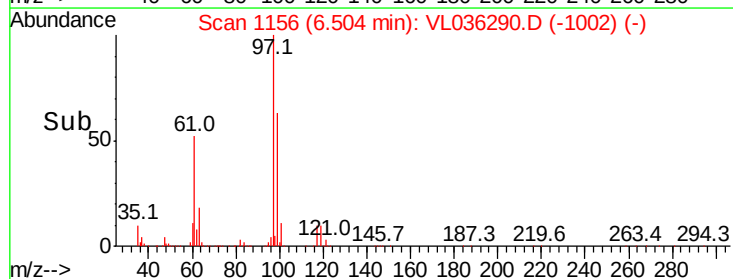
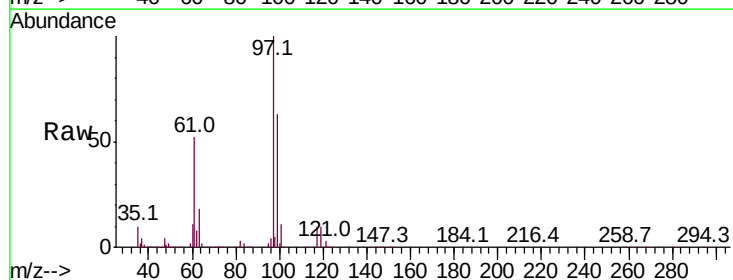
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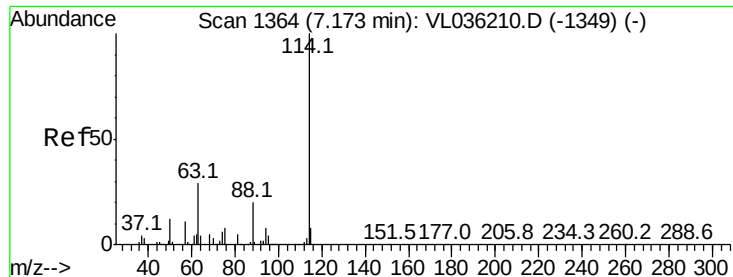
MMDadoda
 2/1/2021 1:54:01 PM



#32
 1,1,1-Trichloroethane
 Concen: 10.136 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion: 97 Resp: 2140246
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.0 78.0
 61 53.6 43.6 65.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

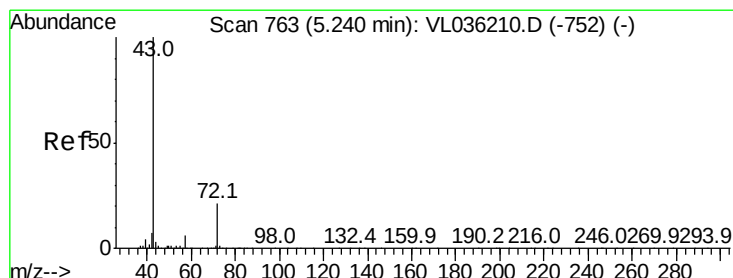
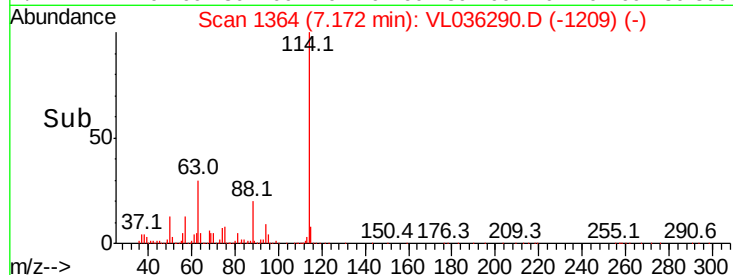
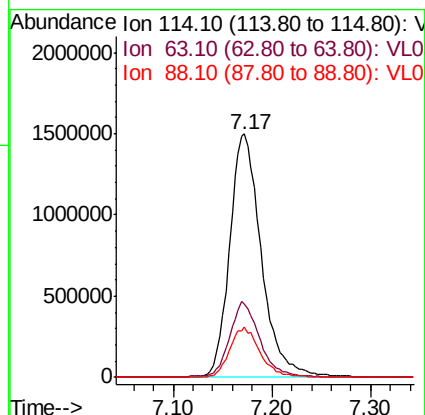
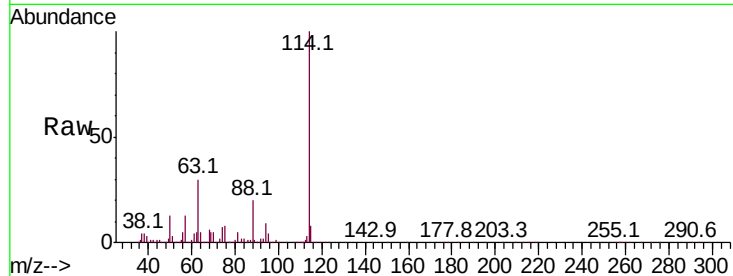
Instrument :
MSVOA_L

ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.2	24.7	37.1
88	20.0	16.6	24.8

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2/1/2021 1:54:01 PM



#34

2-Butanone

Concen: 8.299 ppbv

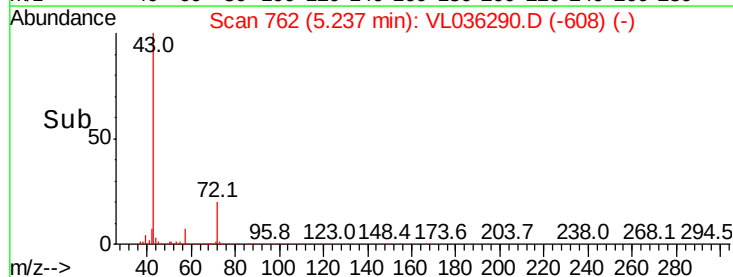
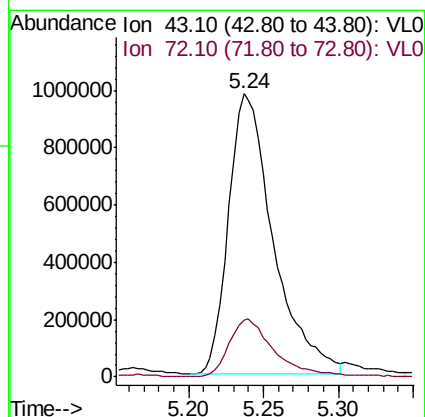
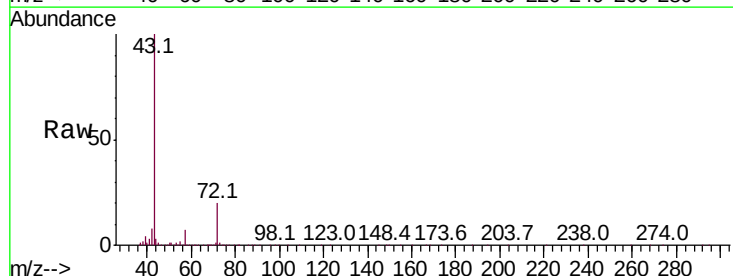
RT: 5.24 min Scan# 762

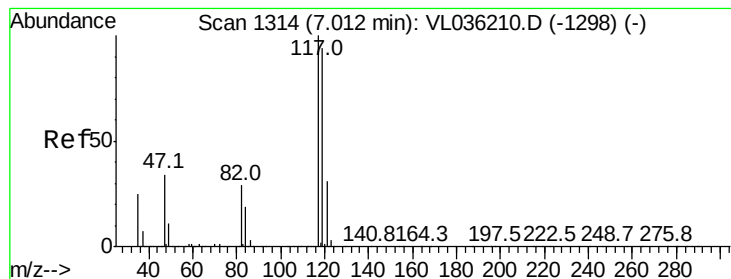
Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.2	16.1	24.1





#35

Carbon Tetrachloride

Concen: 10.293 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:117 Resp: 2182256

Ion Ratio Lower Upper

117 100

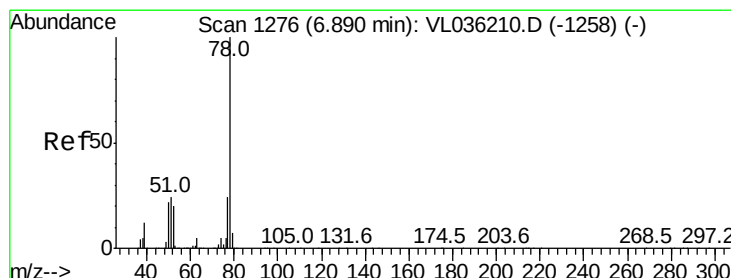
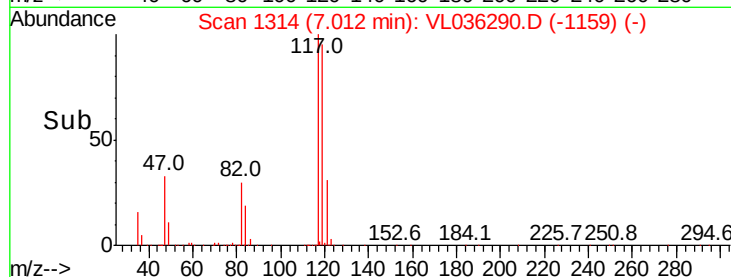
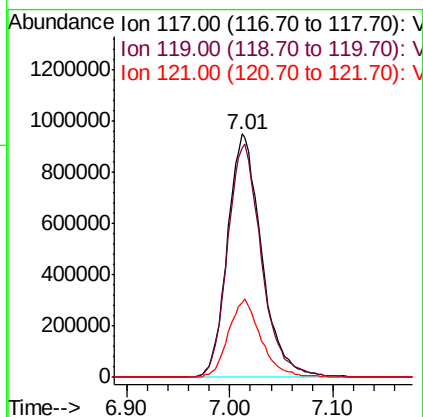
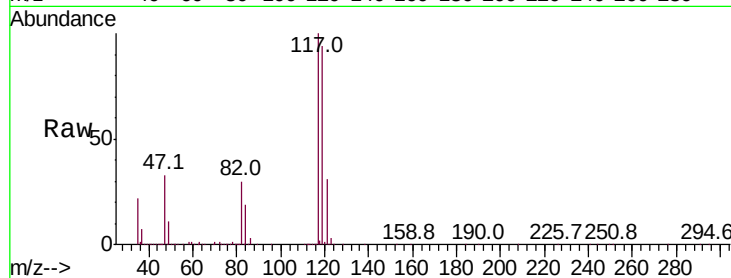
119 94.2 74.9 112.3

121 30.9 25.0 37.6

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2/1/2021 1:54:01 PM



#36

Benzene

Concen: 9.123 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

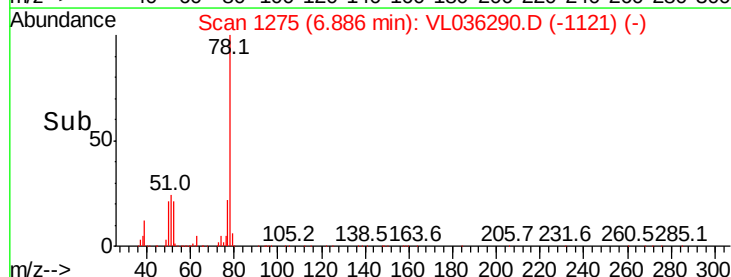
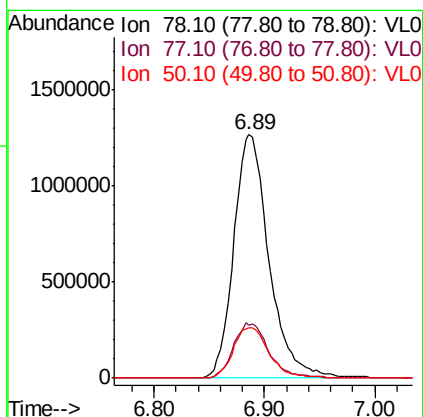
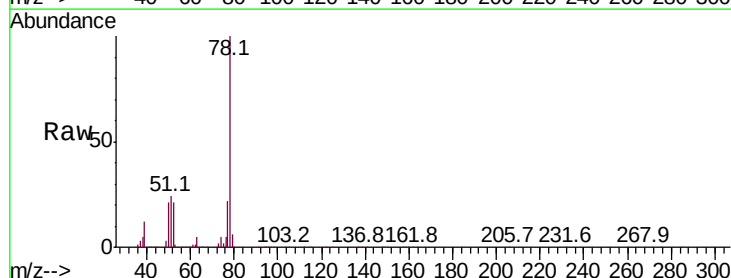
Tgt Ion: 78 Resp: 2805264

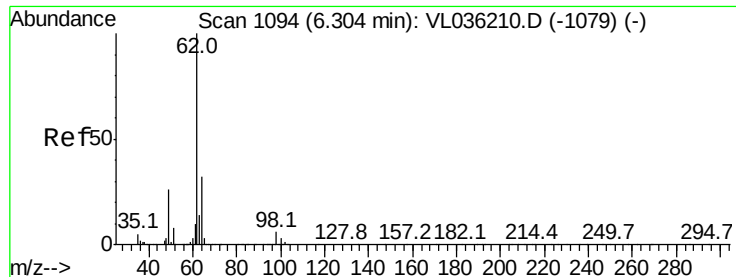
Ion Ratio Lower Upper

78 100

77 22.0 19.4 29.0

50 20.8 17.4 26.2





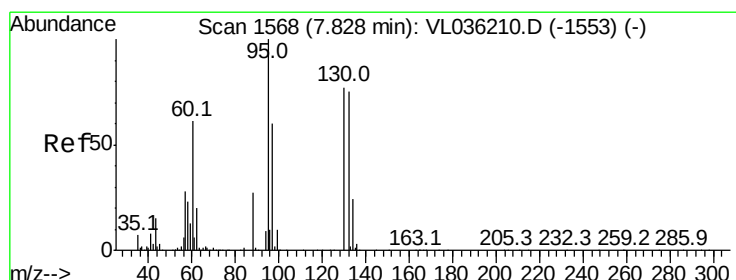
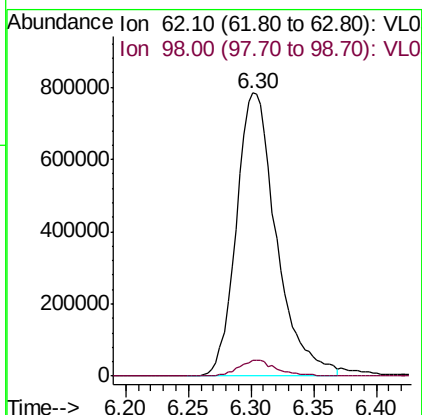
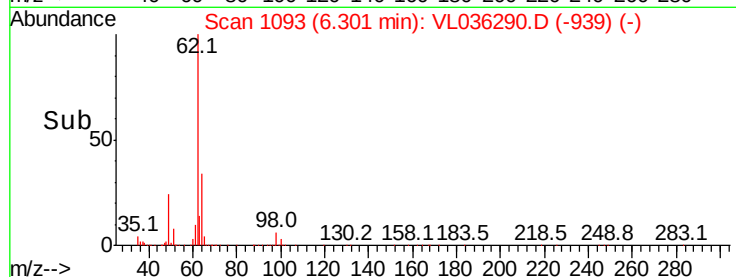
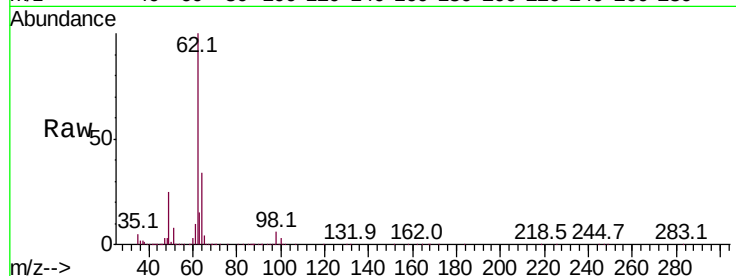
#37
1,2-Dichloroethane
Concen: 9.410 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.7	4.4	6.6

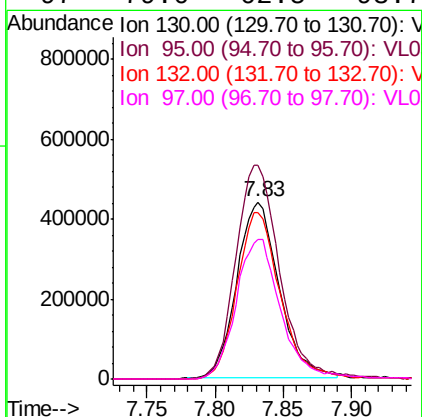
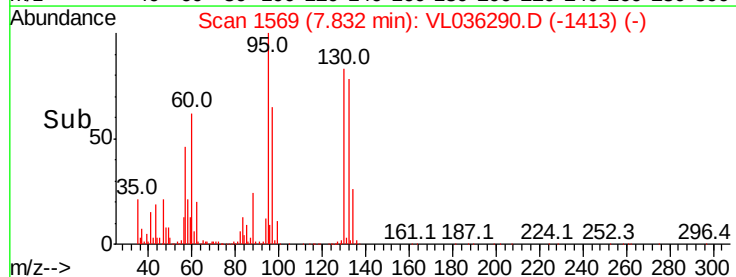
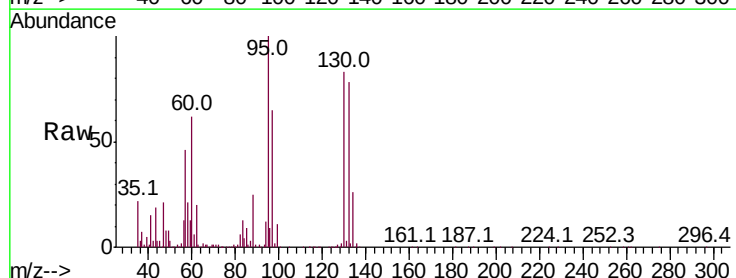
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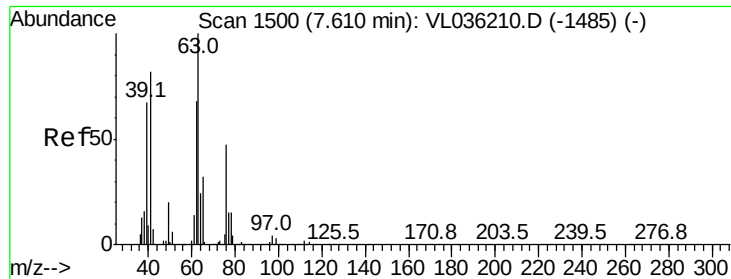
MMDadoda
2/1/2021 1:54:01 PM



#38
Trichloroethene
Concen: 8.336 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	121.3	103.9	155.9
132	94.1	77.4	116.2
97	79.0	62.5	93.7





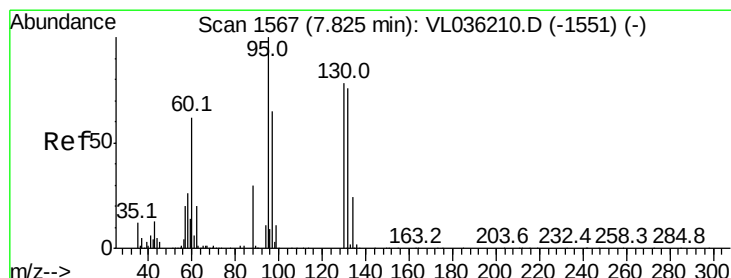
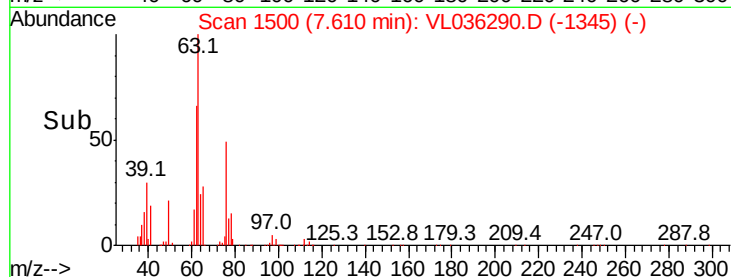
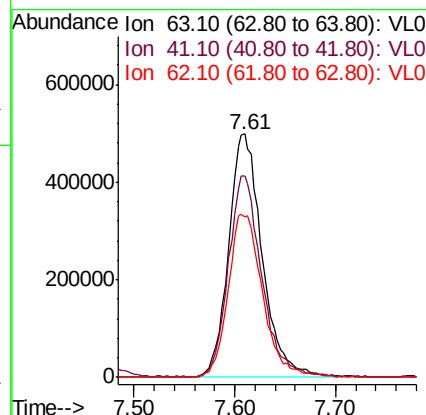
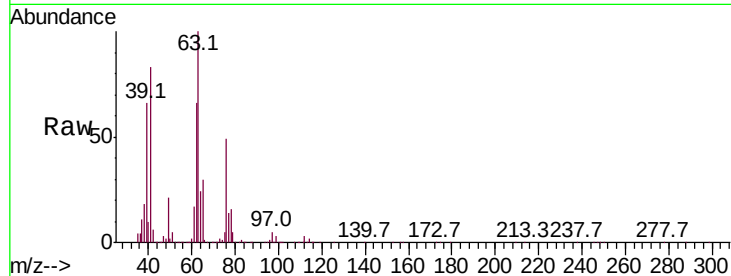
#39
 1,2-Dichloropropane
 Concen: 9.181 ppbv
 RT: 7.61 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
63	100		
41	82.7	66.1	99.1
62	66.2	54.8	82.2

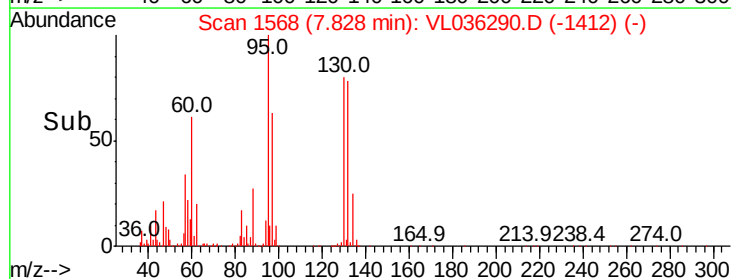
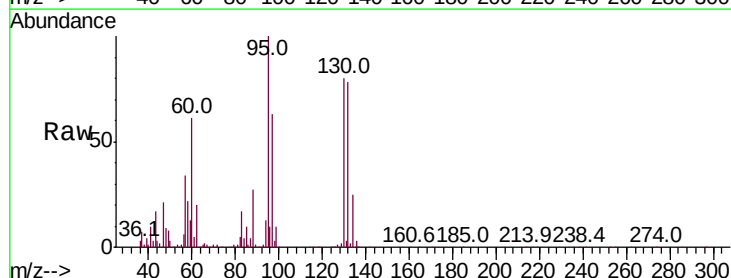
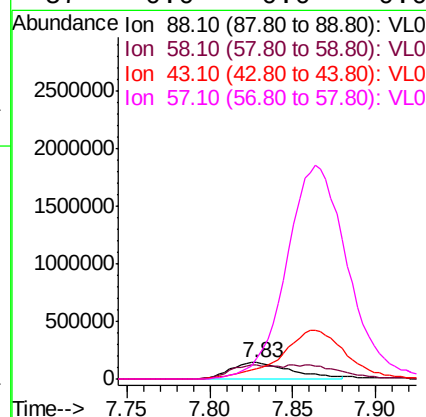
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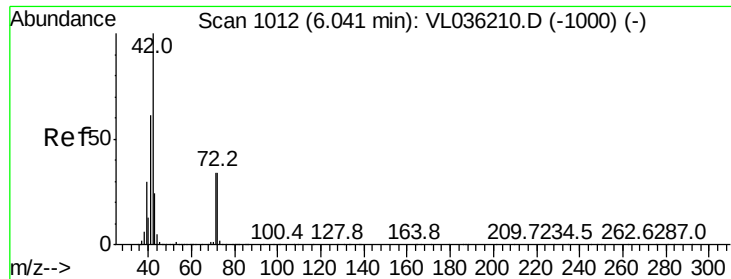
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#40
 1,4-Dioxane
 Concen: 8.062 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	123.0	184.6#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





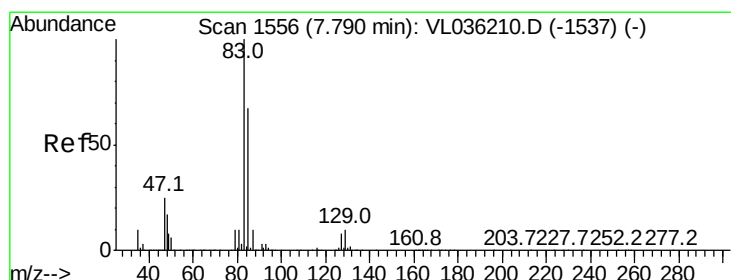
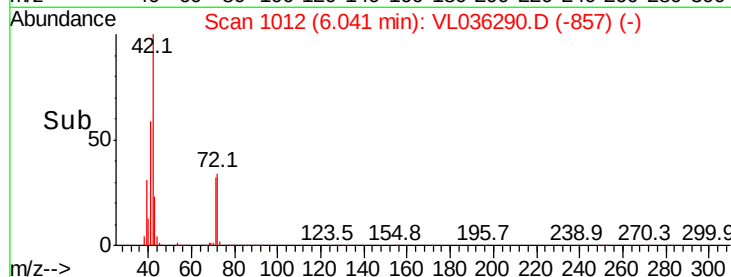
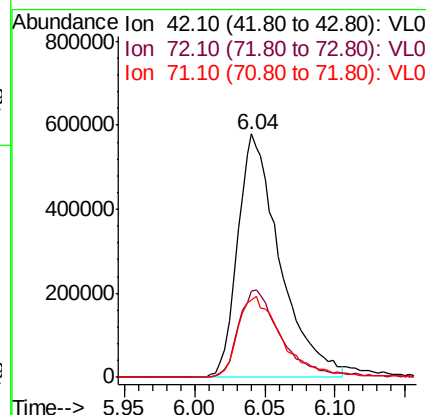
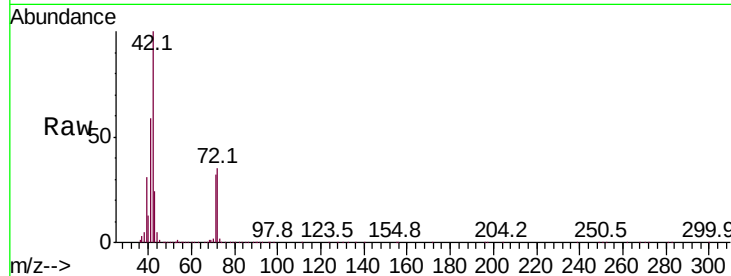
#41
Tetrahydrofuran
Concen: 8.478 ppbv
RT: 6.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.3	29.5	44.3
71	35.8	29.1	43.7

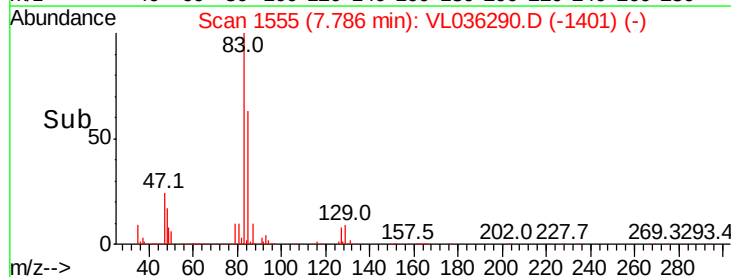
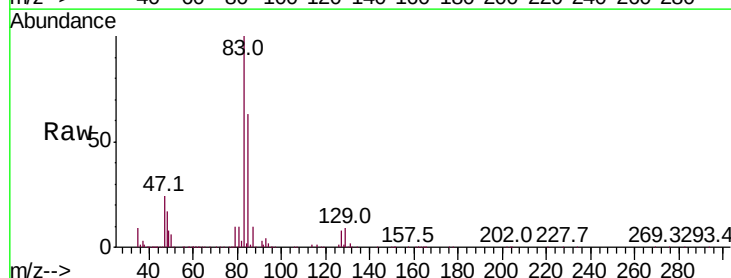
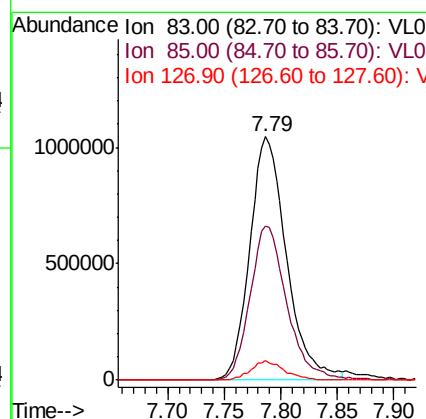
Manual Integrations
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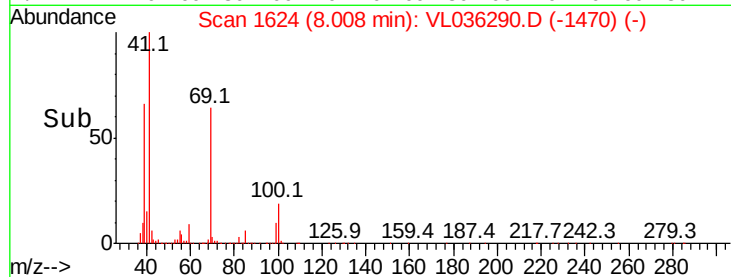
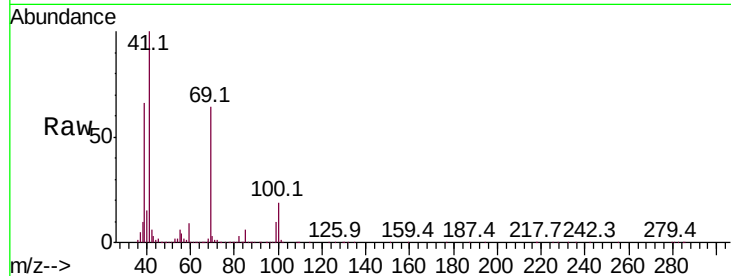
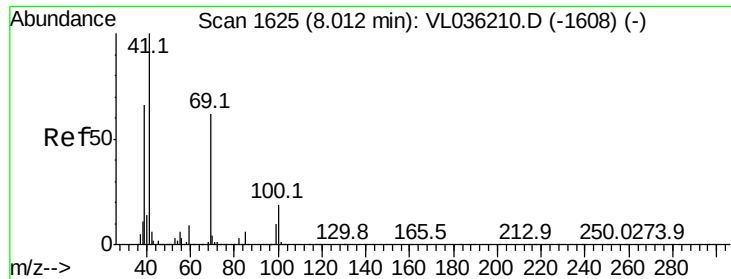
MMDadoda
2/1/2021 1:54:01 PM



#42
Bromodichloromethane
Concen: 10.149 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.4	80.2
127	7.9	6.2	9.2





#43

Methyl Methacrylate

Concen: 9.473 ppbv

RT: 8.01 min Scan# 1624

Delta R.T. -0.00 min

Lab File: VL036290.D

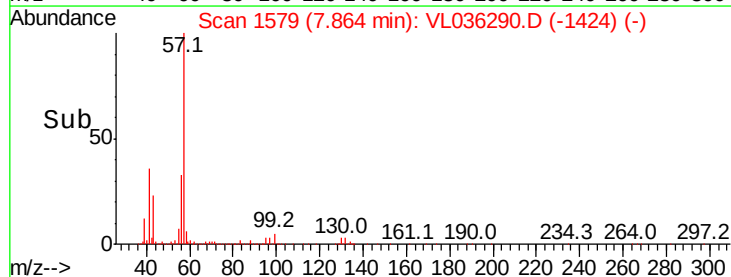
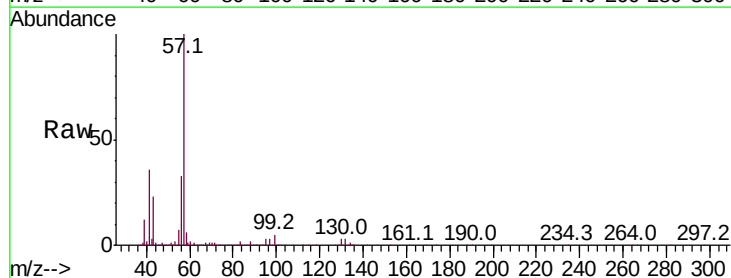
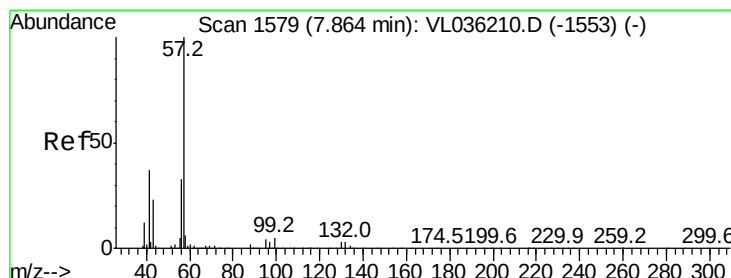
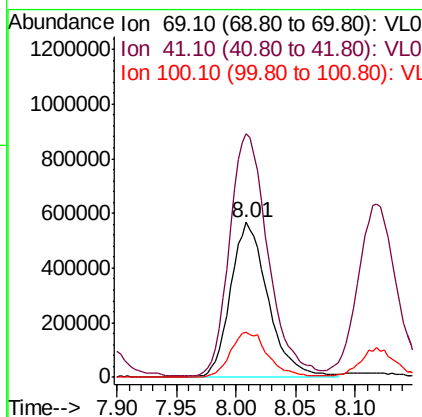
Acq: 29 Jan 2021 11:12

Tot Ion	Ratio	Lower	Upper
69	100		
41	161.7	133.4	200.2
100	29.7	24.3	36.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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2/1/2021 1:54:01 PM



#44

2,2,4-Trimethylpentane

Concen: 8.543 ppbv

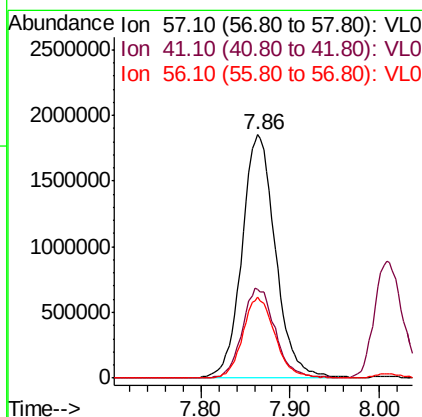
RT: 7.86 min Scan# 1579

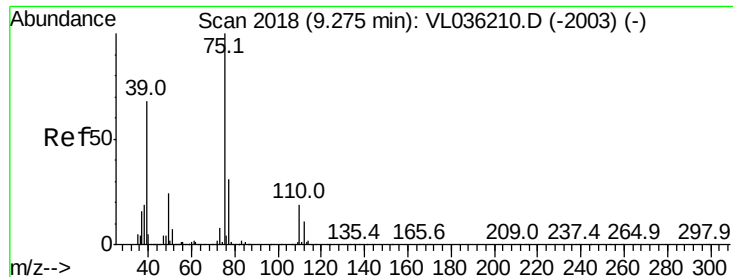
Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
57	100		
41	36.2	28.5	42.7
56	32.0	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 10.884 ppbv

RT: 9.28 min Scan# 2018

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

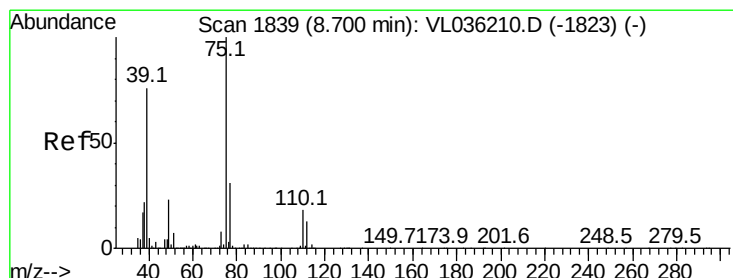
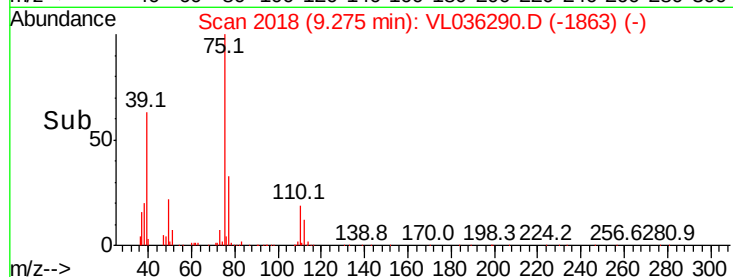
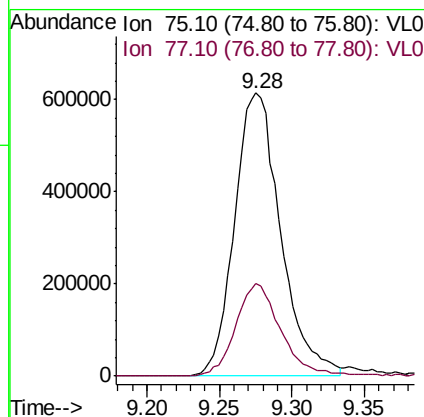
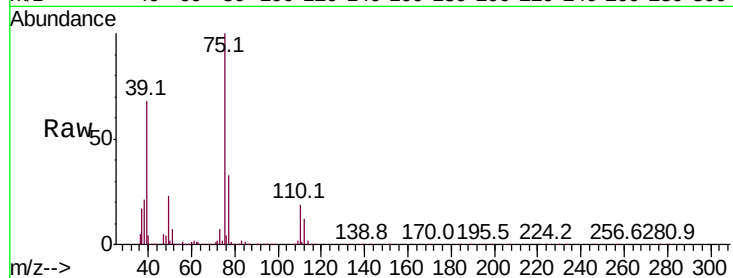
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 75 Resp: 1350885

Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.7	37.1

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2/1/2021 1:54:01 PM



#46

cis-1,3-Dichloropropene

Concen: 10.262 ppbv

RT: 8.70 min Scan# 1839

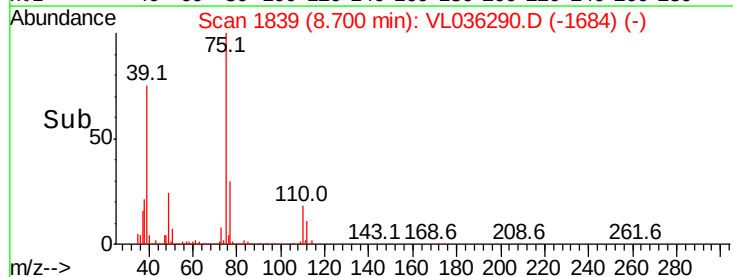
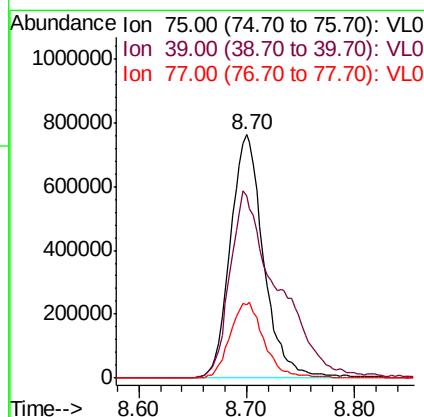
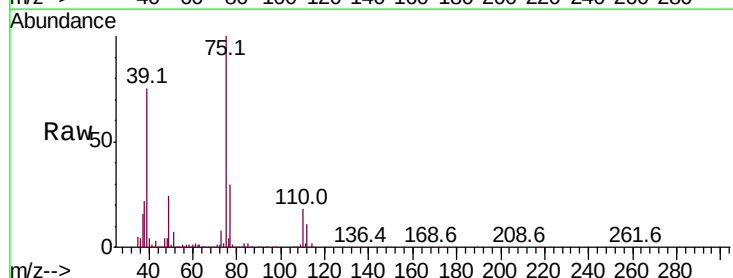
Delta R.T. -0.00 min

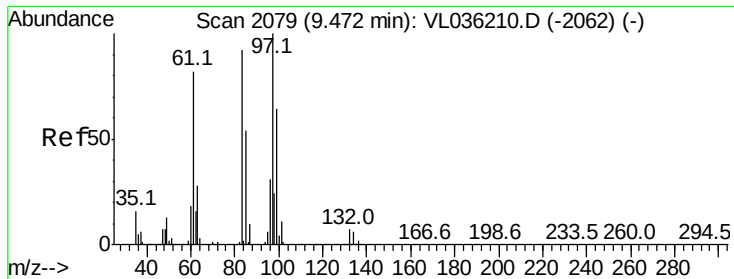
Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion: 75 Resp: 1636693

Ion	Ratio	Lower	Upper
75	100		
39	74.8	61.2	91.8
77	30.1	24.6	37.0





#47

1,1,2-Trichloroethane

Concen: 9.167 ppbv

RT: 9.47 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 97 Resp: 1094788

Ion Ratio Lower Upper

97 100

83 95.7 73.3 109.9

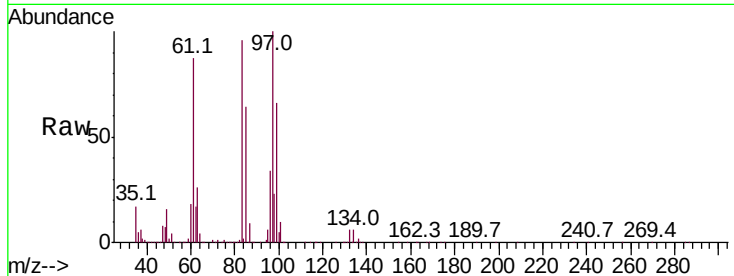
85 63.7 43.2 64.8

99 65.5 51.5 77.3

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2/1/2021 1:54:01 PM

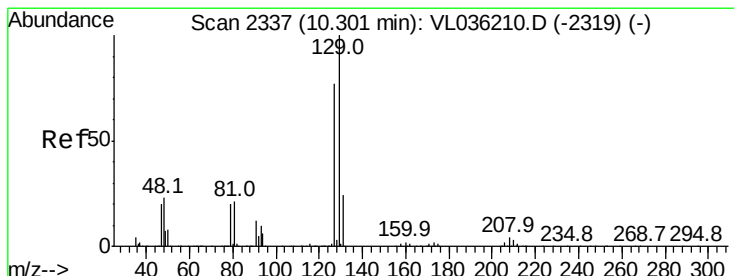
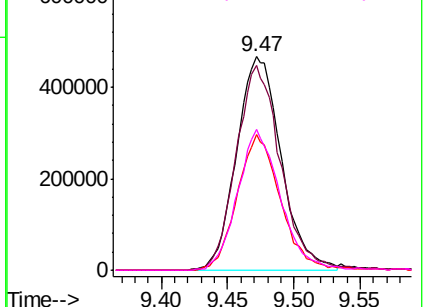
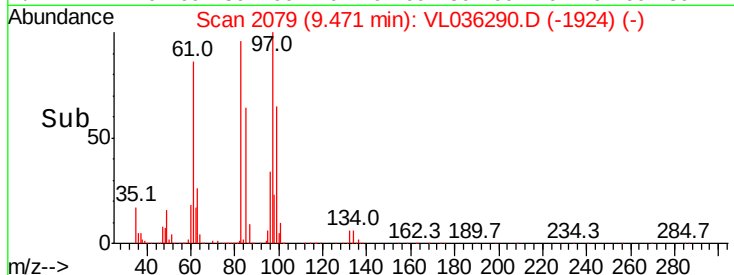


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 10.251 ppbv

RT: 10.30 min Scan# 2337

Delta R.T. -0.00 min

Lab File: VL036290.D

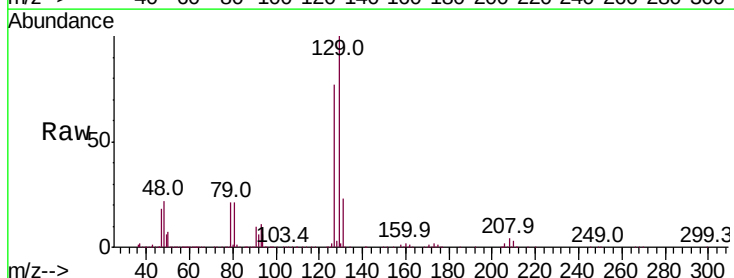
Acq: 29 Jan 2021 11:12

Tgt Ion: 129 Resp: 1791219

Ion Ratio Lower Upper

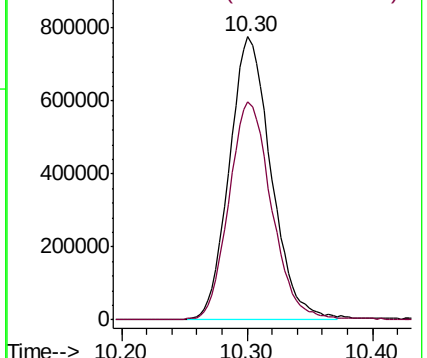
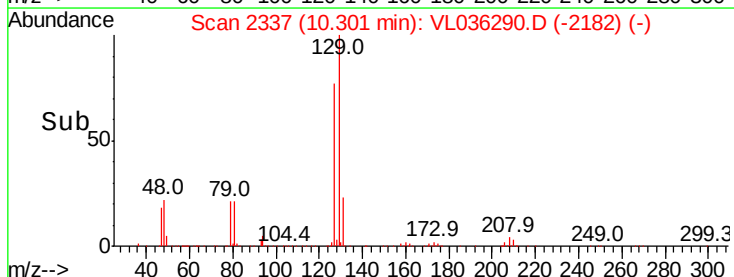
129 100

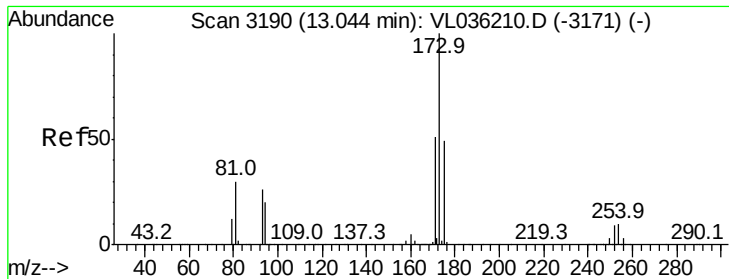
127 79.1 39.6 118.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.802 ppbv

RT: 13.04 min Scan# 3189

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:173 Resp: 1429648

Ion Ratio Lower Upper

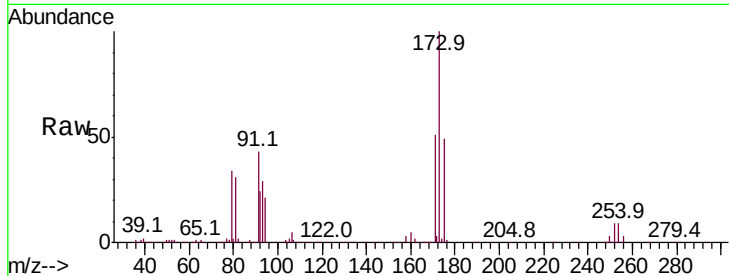
173 100

175 50.5 40.7 61.1

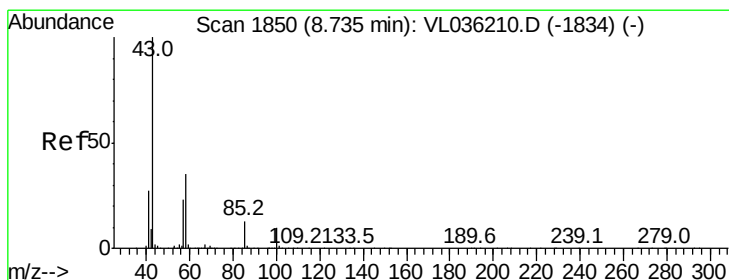
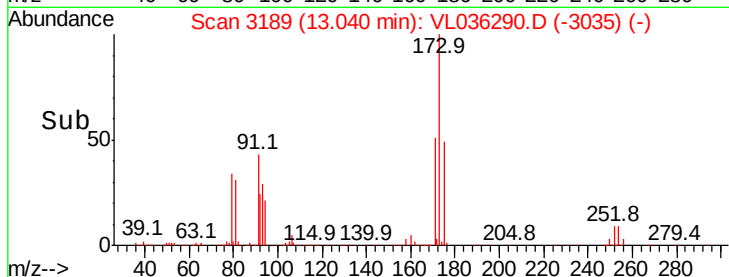
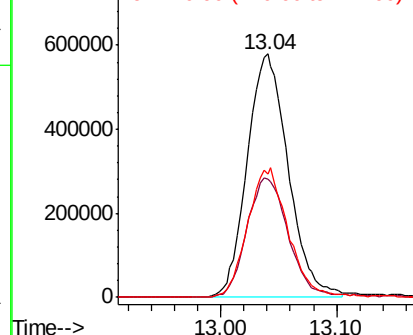
171 53.2 43.0 64.6

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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: 8.799 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VL036290.D

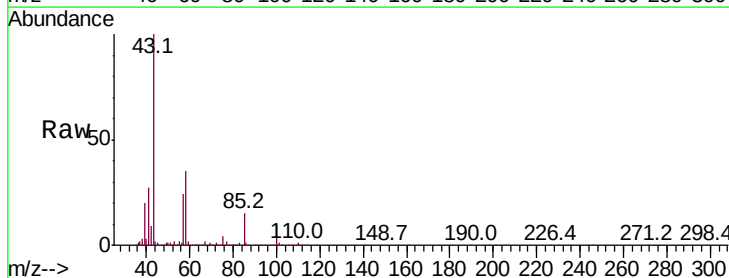
Acq: 29 Jan 2021 11:12

Tgt Ion: 43 Resp: 3242113

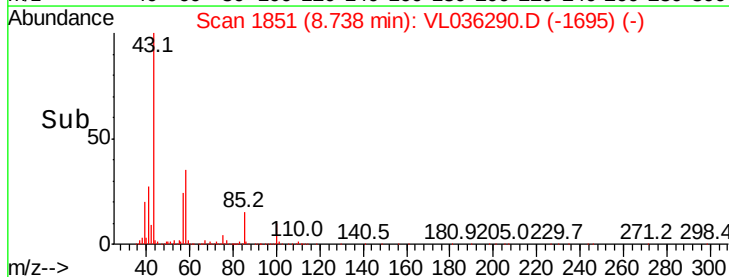
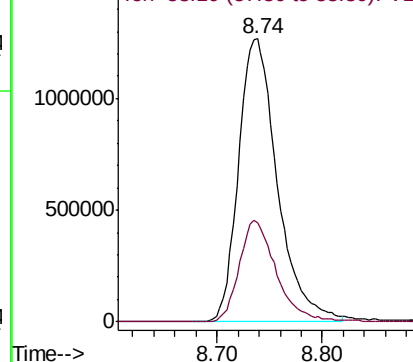
Ion Ratio Lower Upper

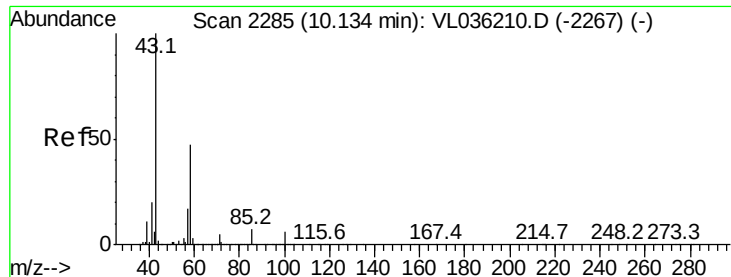
43 100

58 34.5 27.6 41.4



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





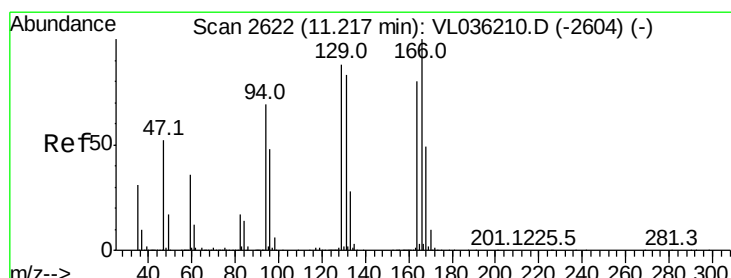
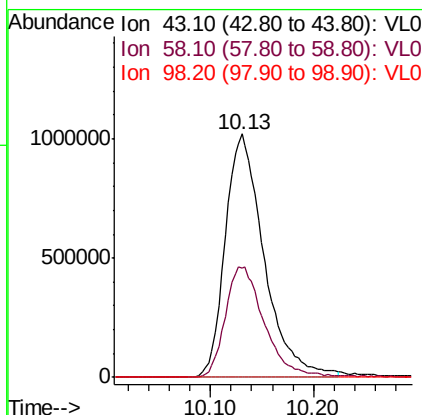
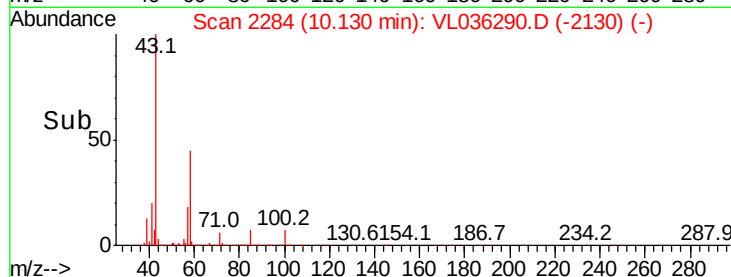
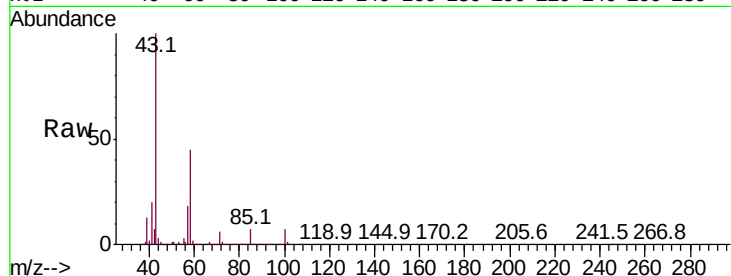
#51
2-Hexanone
Concen: 9.179 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 2668139
Ion Ratio Lower Upper
43 100
58 46.4 37.4 56.0
98 0.4 0.2 0.2#

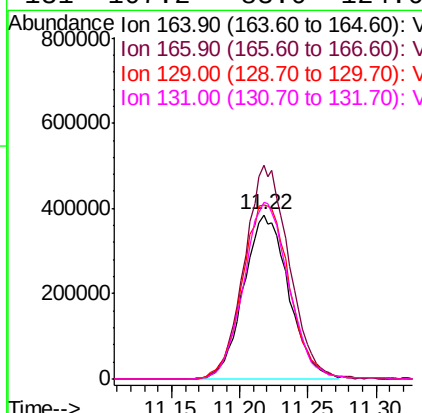
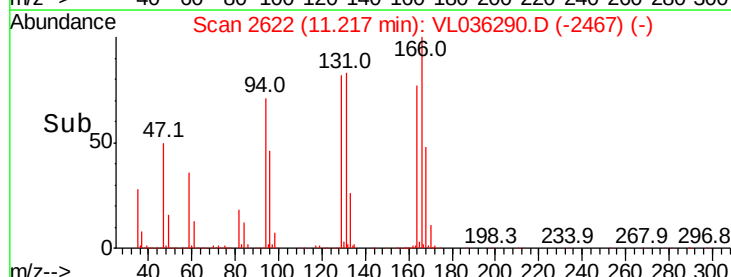
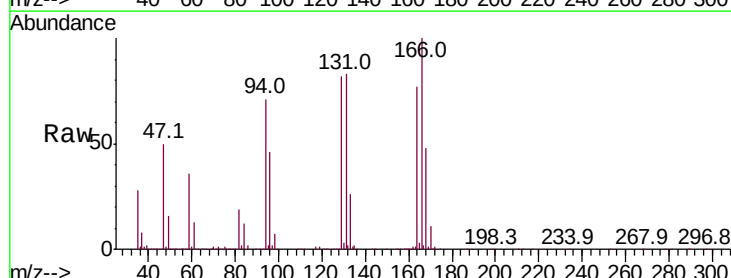
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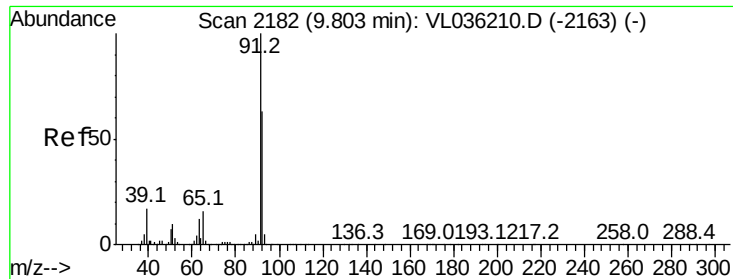
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2/1/2021 1:54:01 PM



#52
Tetrachloroethene
Concen: 7.738 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 164 Resp: 876807
Ion Ratio Lower Upper
164 100
166 129.9 99.9 149.9
129 106.3 88.2 132.4
131 107.2 83.0 124.6





#53

Toluene

Concen: 9.041 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 3109793

Ion Ratio Lower Upper

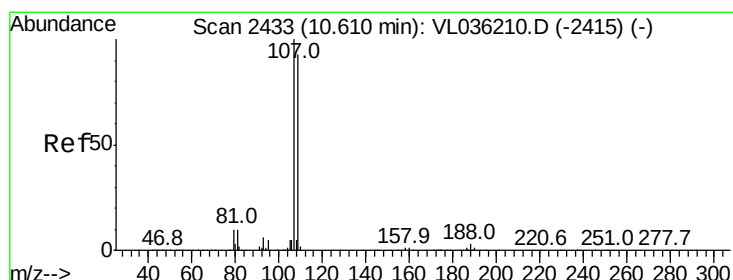
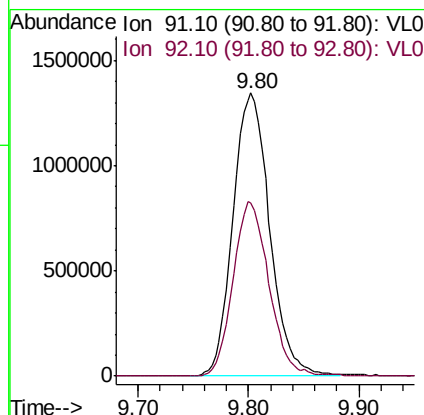
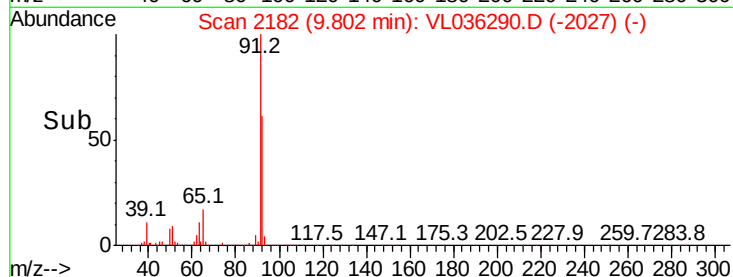
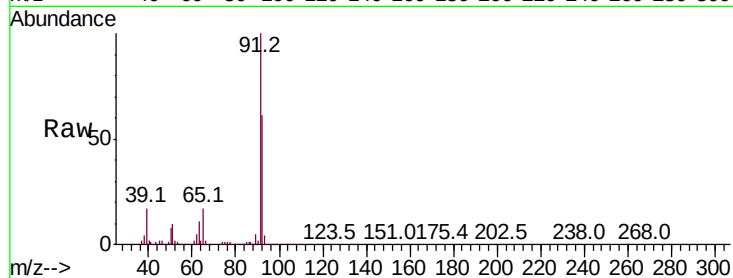
91 100

92 60.5 48.5 72.7

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2/1/2021 1:54:01 PM



#54

1,2-Dibromoethane

Concen: 9.162 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. -0.00 min

Lab File: VL036290.D

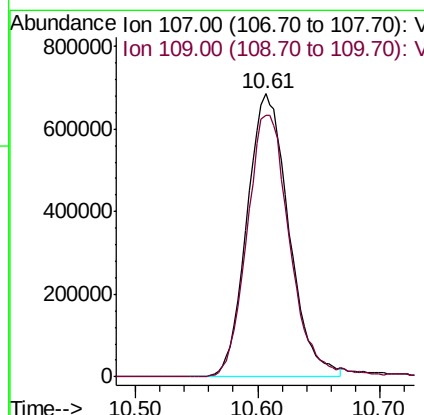
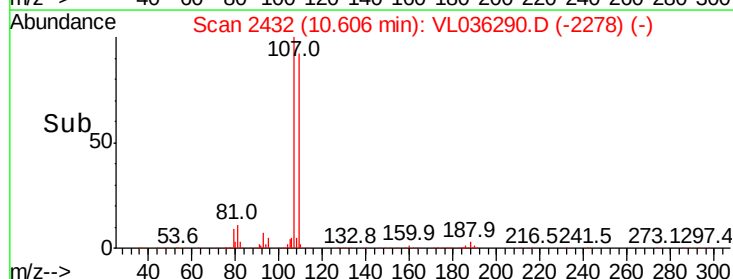
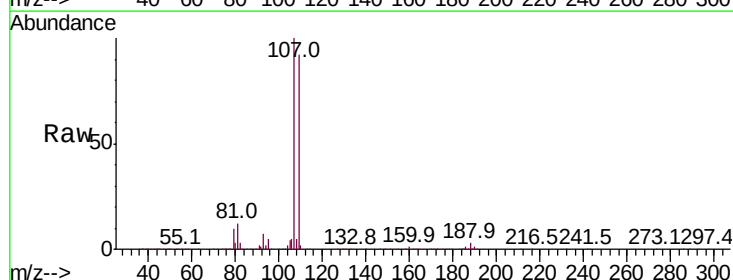
Acq: 29 Jan 2021 11:12

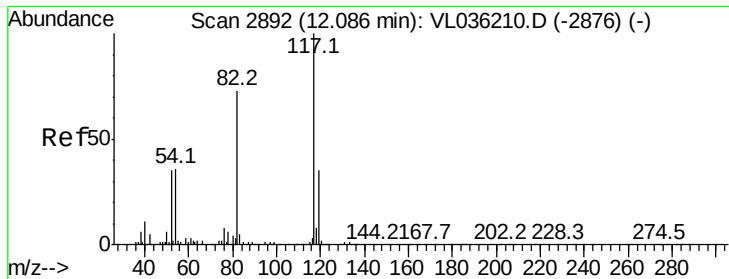
Tgt Ion: 107 Resp: 1622104

Ion Ratio Lower Upper

107 100

109 92.3 74.5 111.7





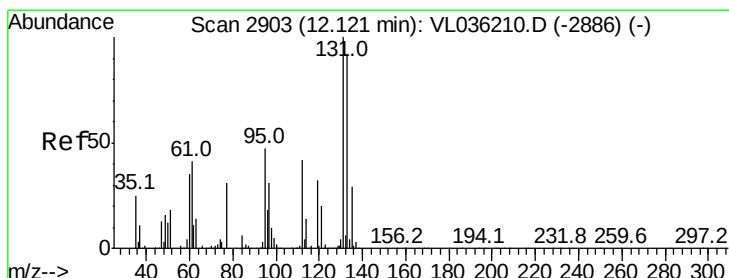
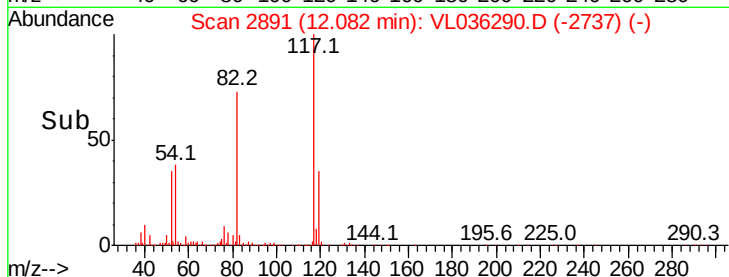
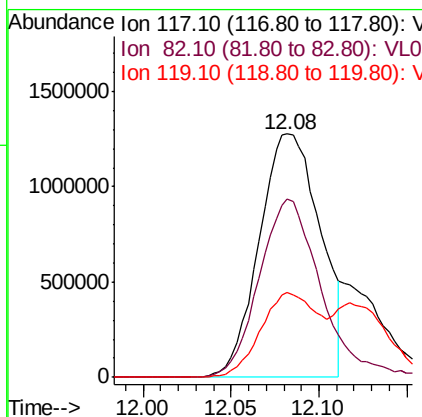
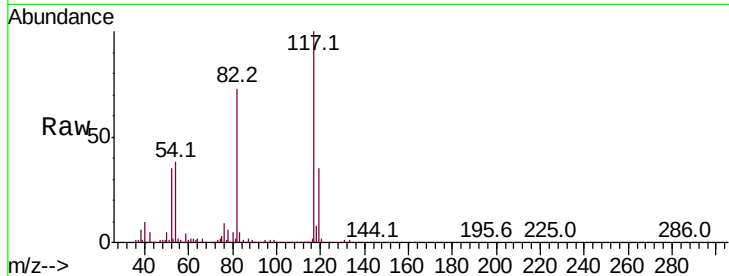
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08 min Scan# 2891
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:117 Resp: 3091076
Ion Ratio Lower Upper
117 100
82 75.2 59.7 89.5
119 32.8 28.6 43.0

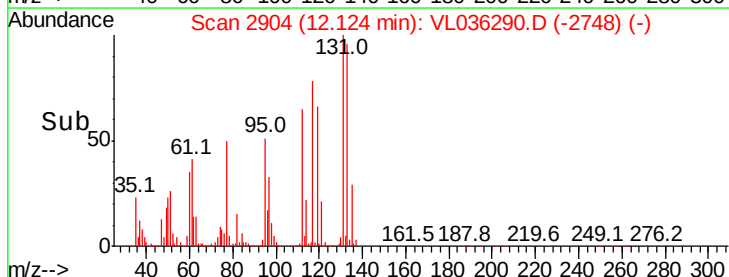
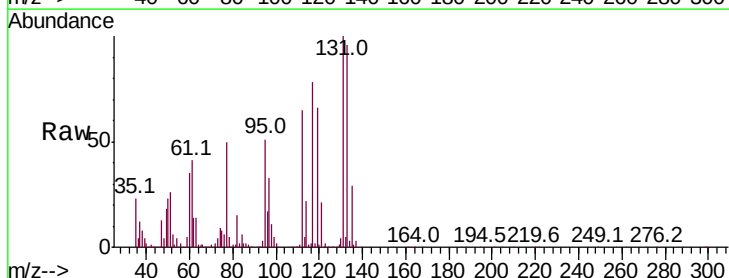
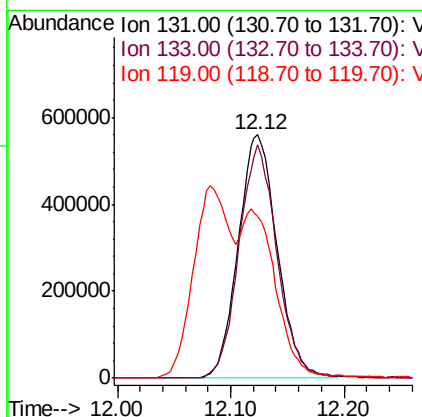
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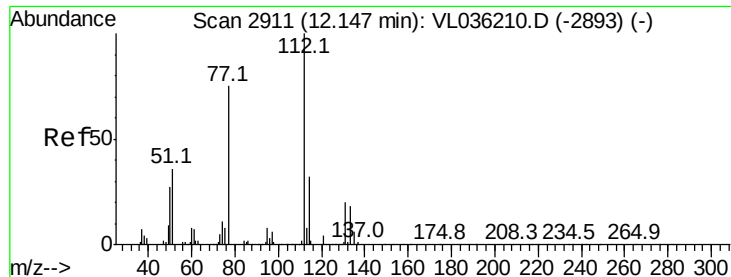
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2/1/2021 1:54:01 PM



#56
1,1,1,2-Tetrachloroethane
Concen: 9.717 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion:131 Resp: 1340400
Ion Ratio Lower Upper
131 100
133 94.1 76.5 114.7
119 67.4 45.4 68.0





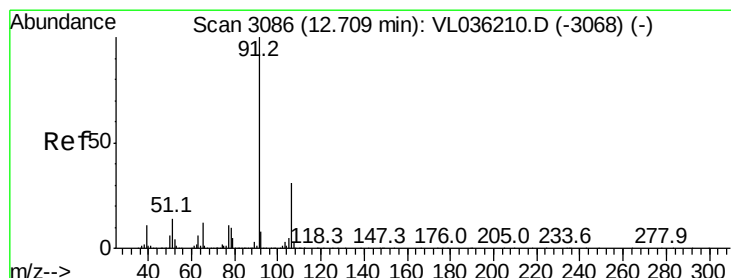
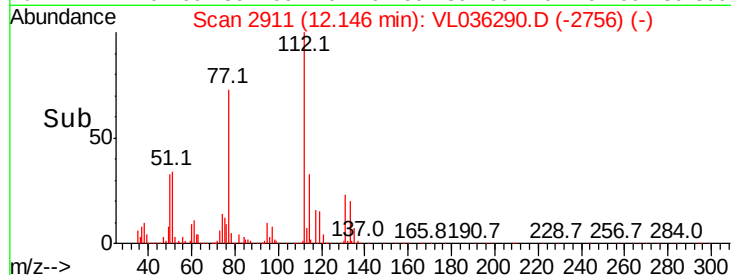
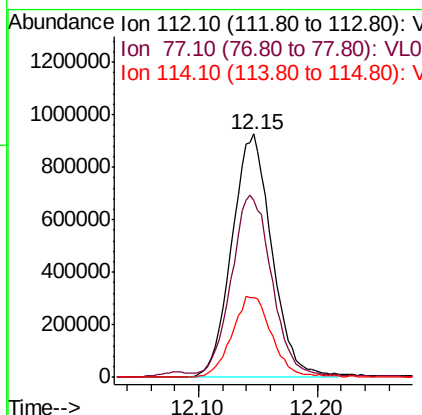
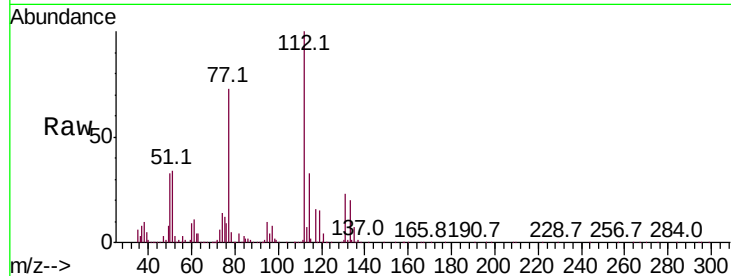
#57
Chlorobenzene
Concen: 8.849 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
112	100		
77	71.9	59.6	89.4
114	32.6	28.7	35.1

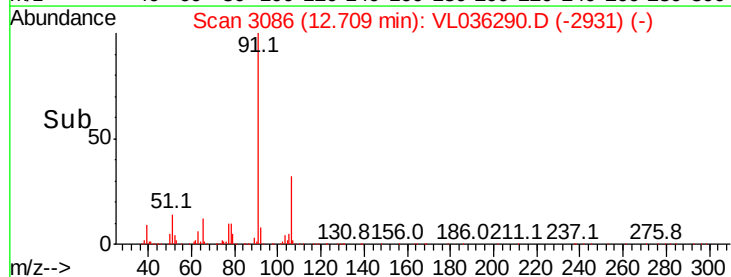
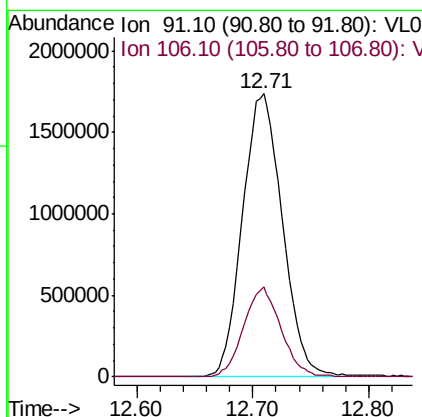
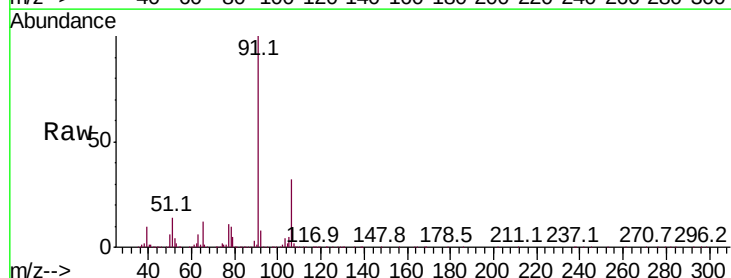
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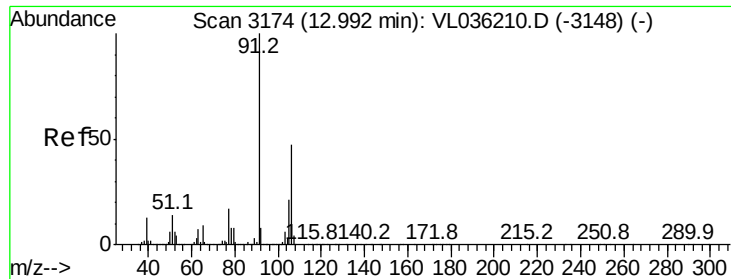
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2/1/2021 1:54:01 PM



#58
Ethyl Benzene
Concen: 9.055 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.8	37.2





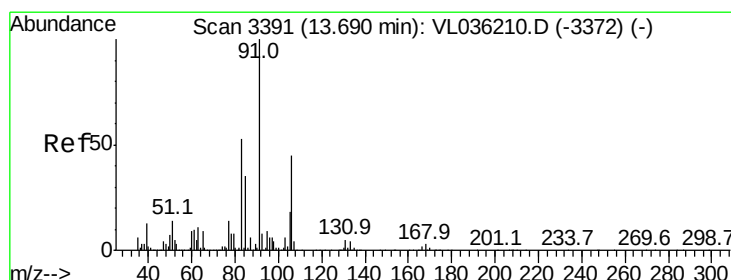
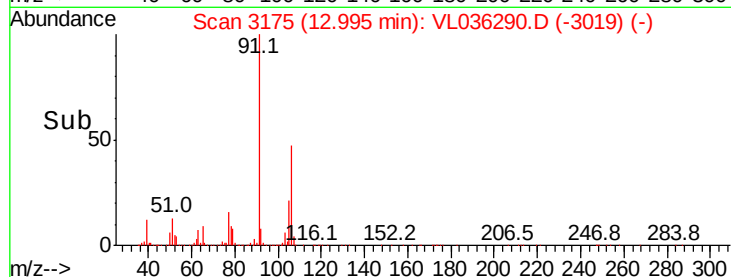
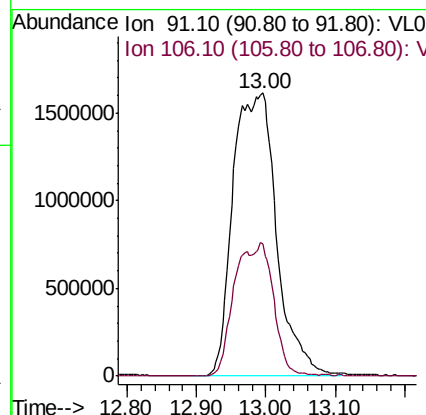
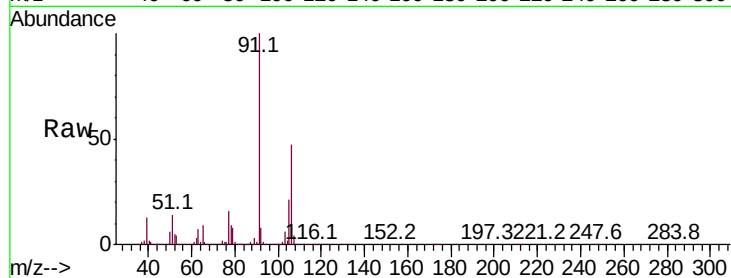
#59
m/p-Xylene
Concen: 17.918 ppbv m
RT: 13.00 min Scan# 3175
Delta R.T. 0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 7062199
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8#

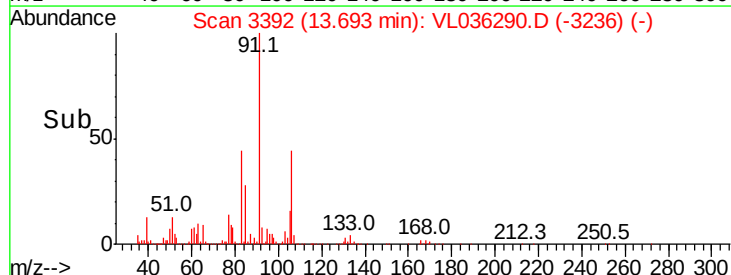
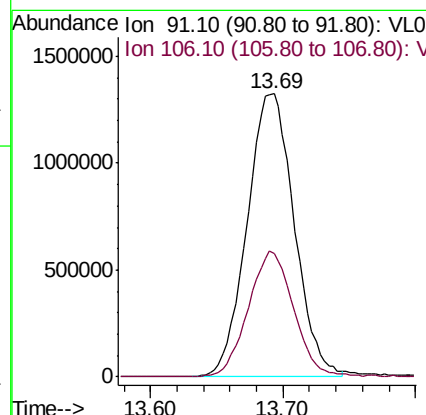
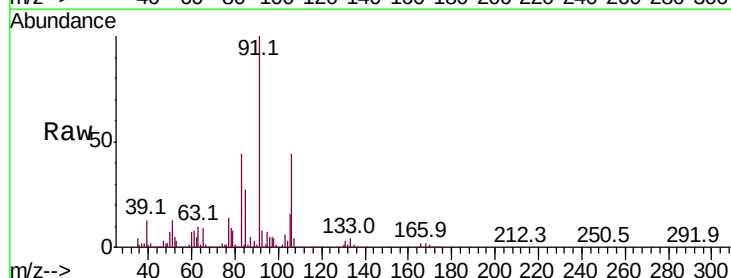
Manual Integrations
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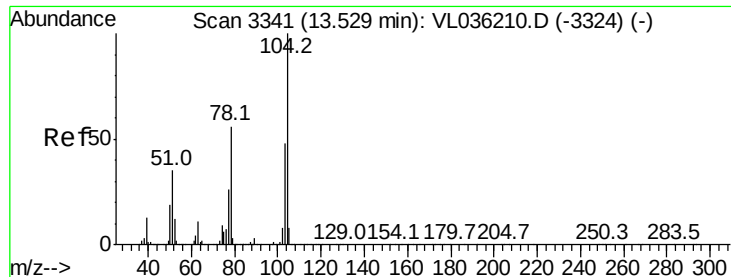
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#60
o-Xylene
Concen: 8.601 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 91 Resp: 3267767
Ion Ratio Lower Upper
91 100
106 43.1 21.9 65.8





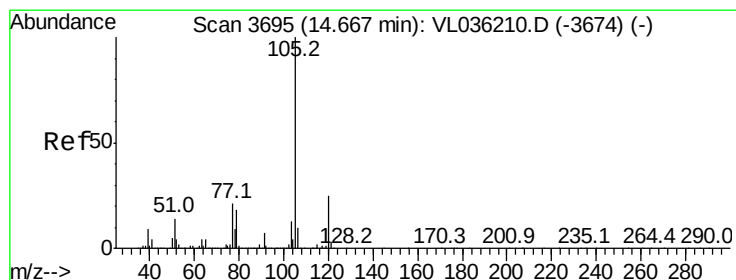
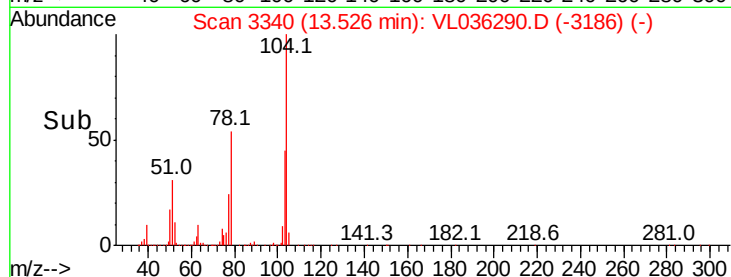
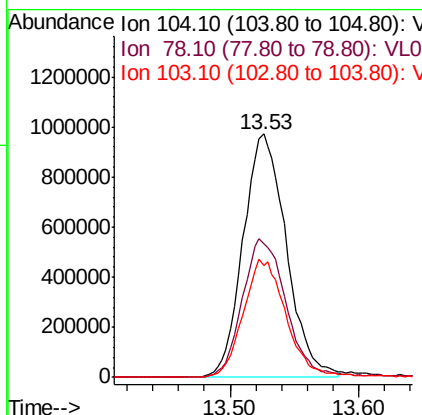
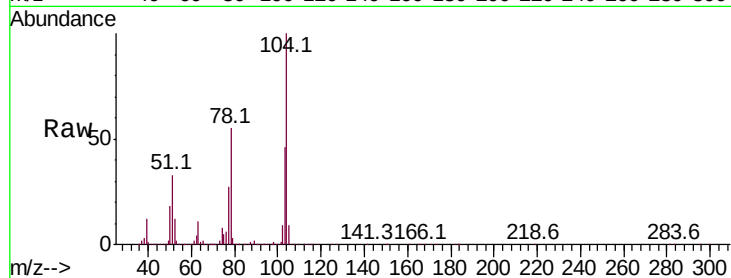
#61
Stvrene
Concen: 9.436 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	58.5	46.8	70.2
103	48.7	38.4	57.6

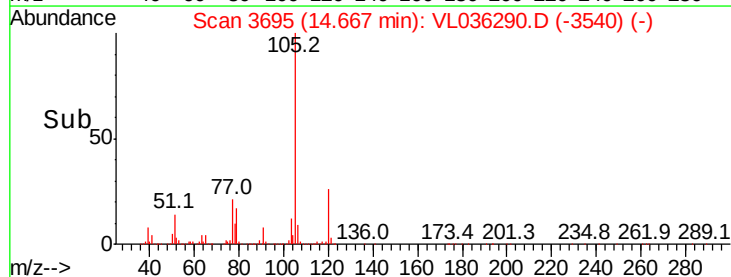
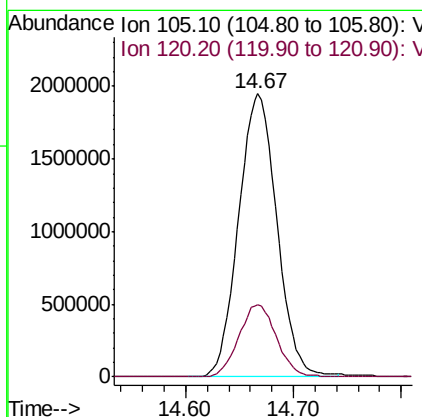
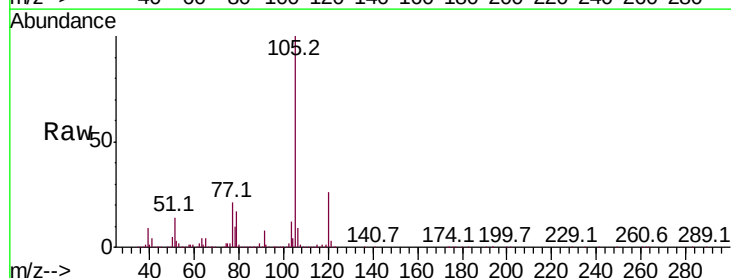
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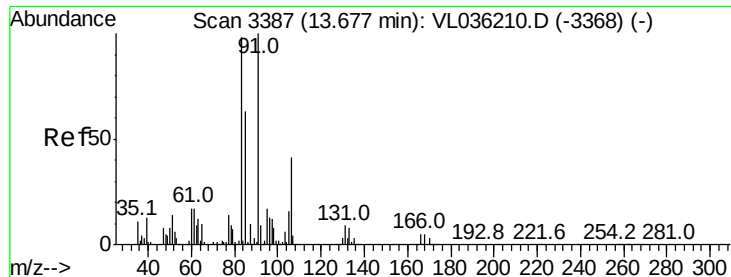
MMDadoda
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#62
Isopropylbenzene
Concen: 8.530 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.3	30.5





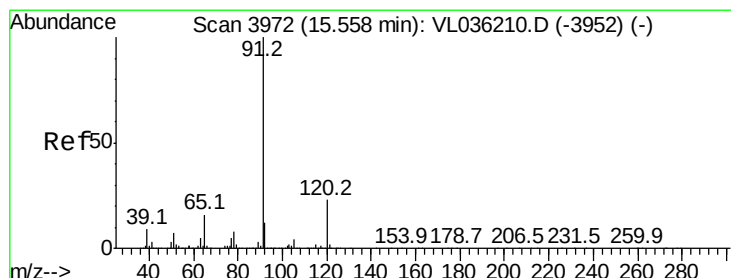
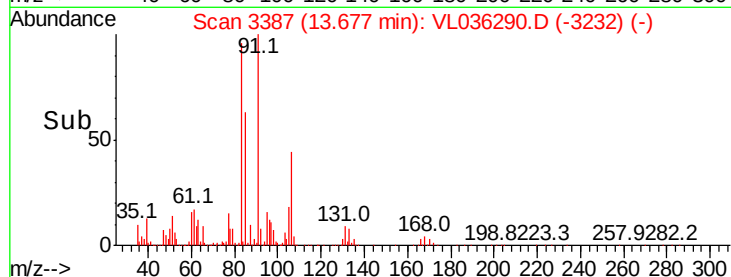
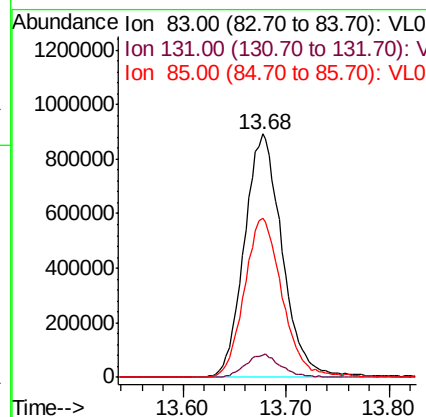
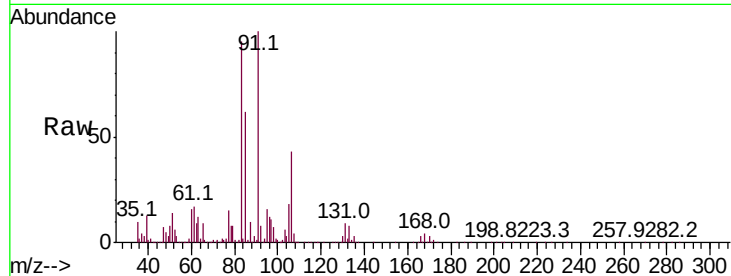
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.027 ppbv
 RT: 13.68 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.5
85	65.7	33.1	99.3

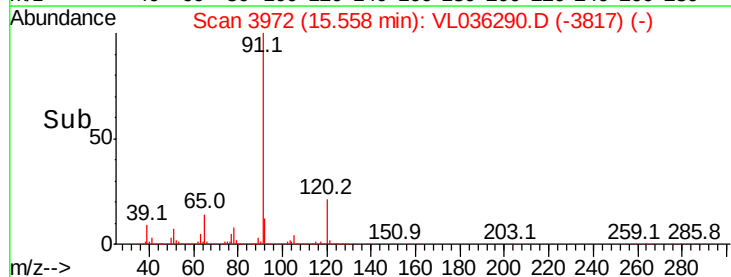
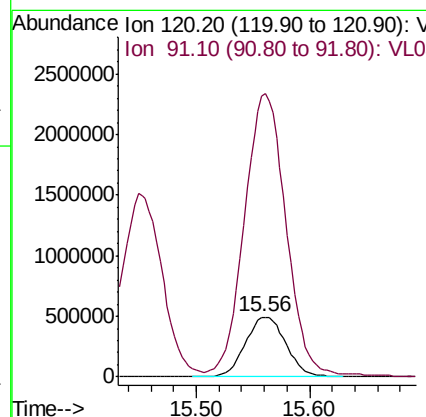
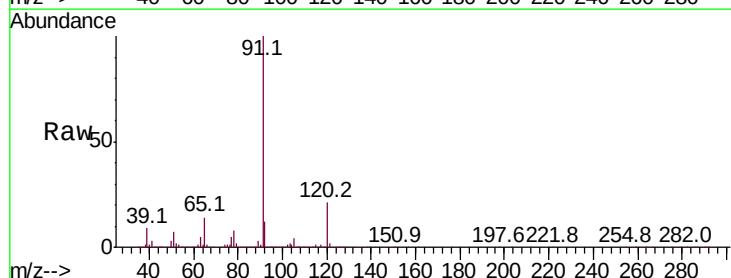
Manual Integrations
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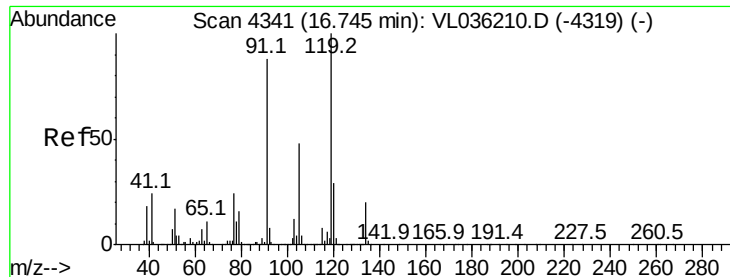
MMDadoda
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#64
 n-propylbenzene
 Concen: 8.867 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
120	100		
91	489.0	391.8	587.6





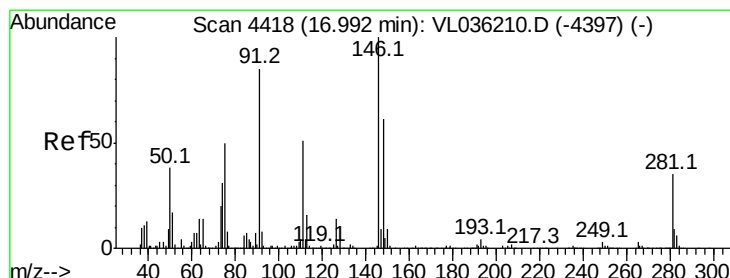
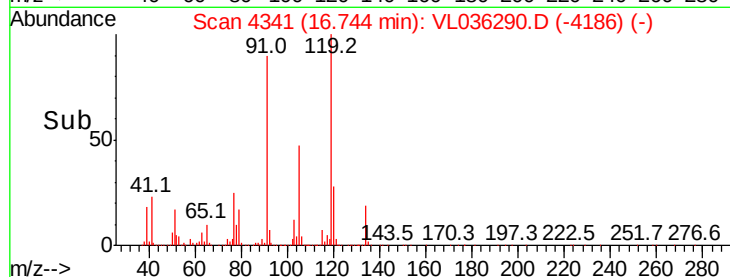
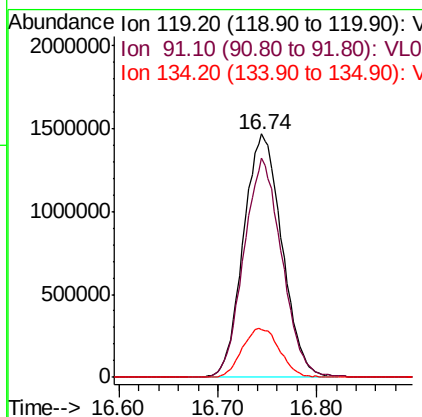
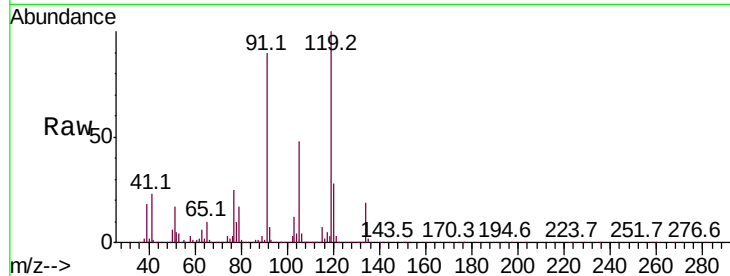
#65
 tert-Butylbenzene
 Concen: 8.263 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:119 Resp: 3955284
 Ion Ratio Lower Upper
 119 100
 91 89.1 71.0 106.6
 134 19.7 15.8 23.6

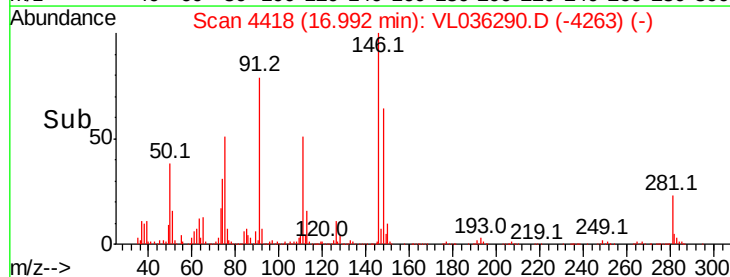
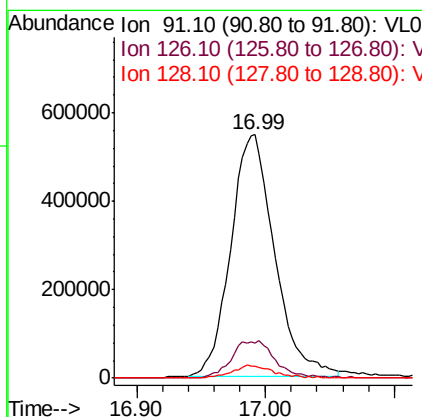
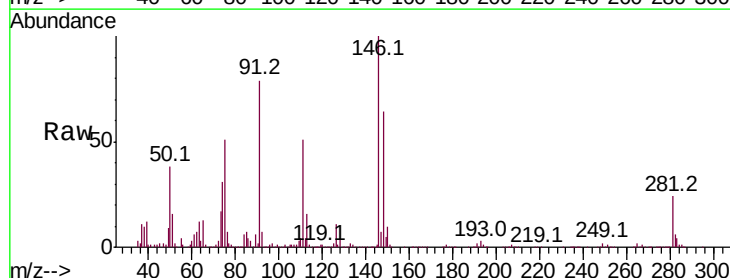
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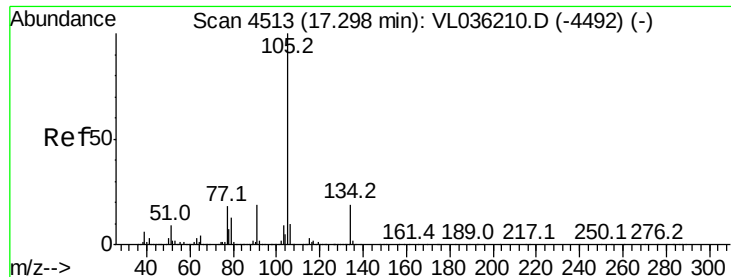
MMDadoda
 2/1/2021 1:54:01 PM



#66
 Benzyl Chloride
 Concen: 10.573 ppbv
 RT: 16.99 min Scan# 4418
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion: 91 Resp: 1292941
 Ion Ratio Lower Upper
 91 100
 126 15.8 12.6 19.0
 128 5.1 3.8 5.6





#67

sec-Butylbenzene

Concen: 7.931 ppbv

RT: 17.29 min Scan# 4512

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 5634994

Ion Ratio Lower Upper

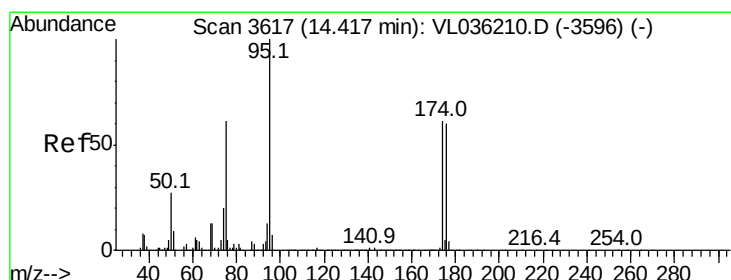
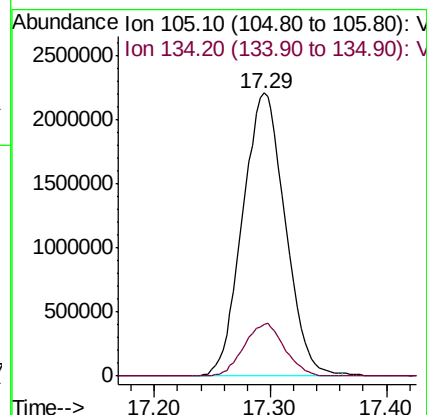
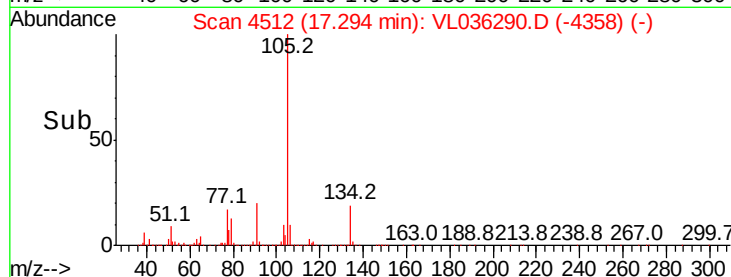
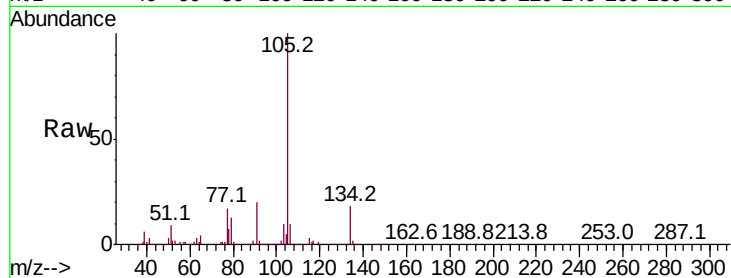
105 100

134 17.9 14.2 21.4

Manual Integrations
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2/1/2021 1:54:01 PM



#68

1-Bromo-4-Fluorobenzene

Concen: 10.733 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

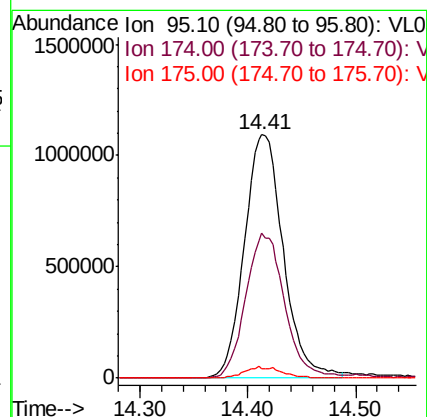
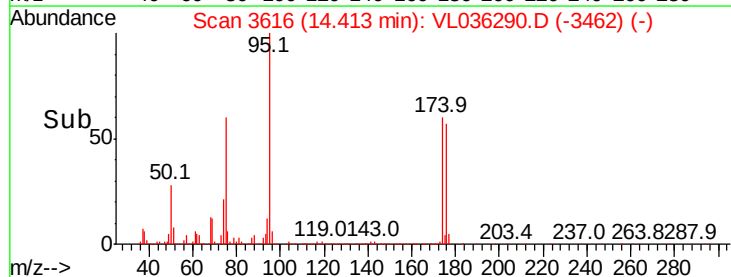
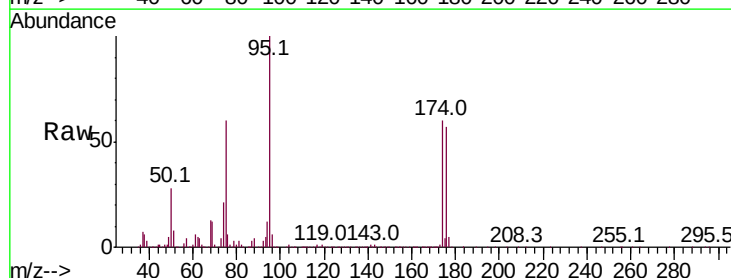
Tgt Ion: 95 Resp: 2746103

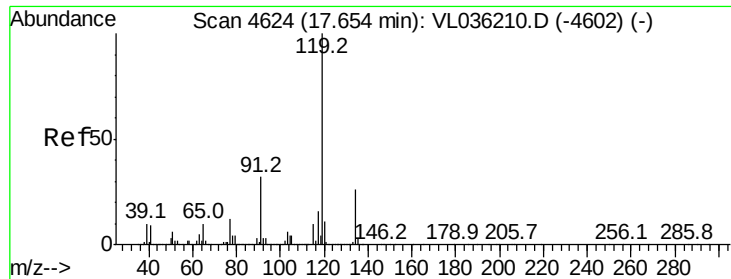
Ion Ratio Lower Upper

95 100

174 61.1 49.4 74.0

175 4.5 3.8 5.8





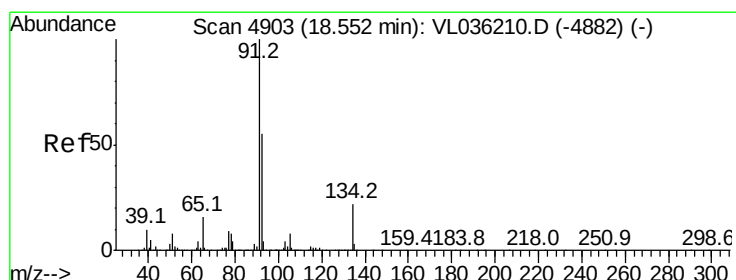
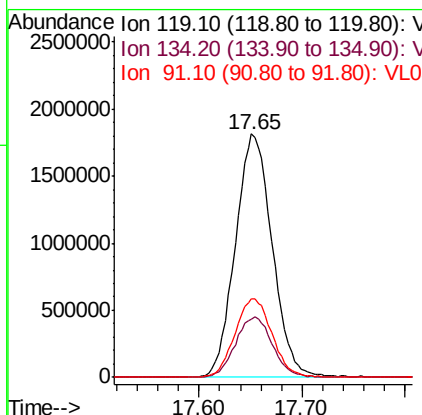
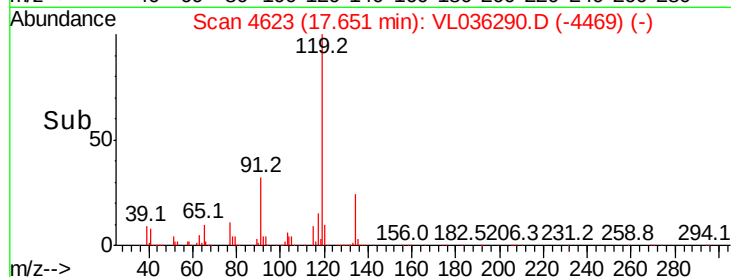
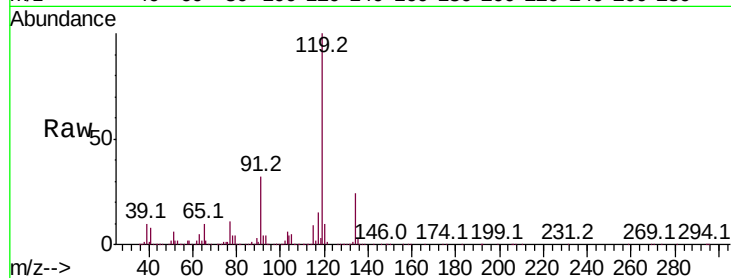
#69
 p-Isopropyltoluene
 Concen: 7.984 ppbv
 RT: 17.65 min Scan# 4623
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.2	30.4
91	32.4	26.0	39.0

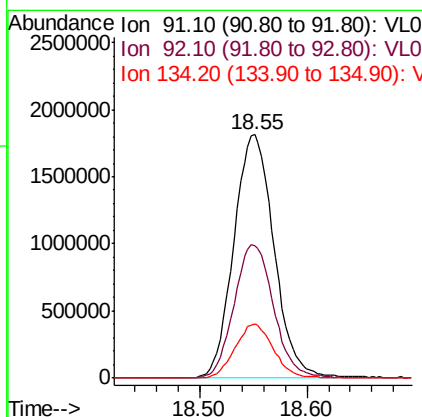
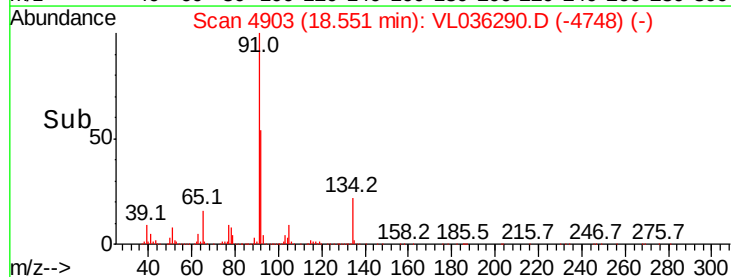
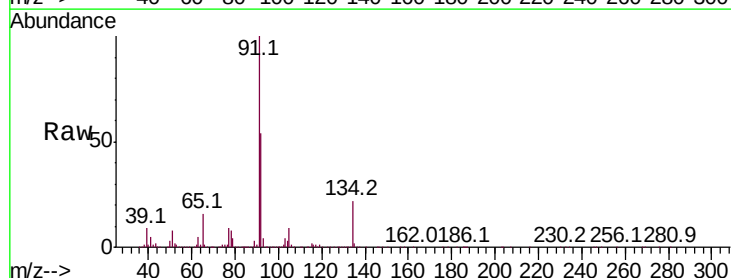
Manual Integrations
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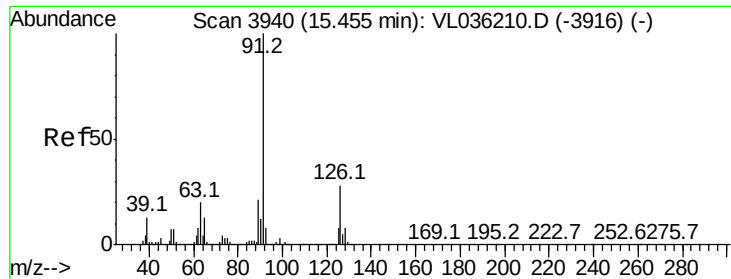
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#70
 n-Butylbenzene
 Concen: 7.800 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	44.0	66.0
134	21.3	17.0	25.4





#71

2-Chlorotoluene

Concen: 8.373 ppbv

RT: 15.45 min Scan# 3938

Delta R.T. -0.01 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 3717581

Ion Ratio Lower Upper

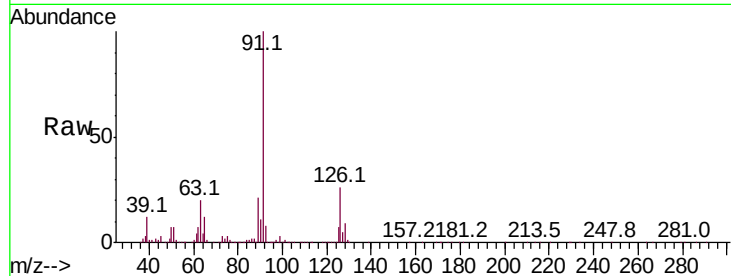
91 100

126 29.2 11.5 45.9

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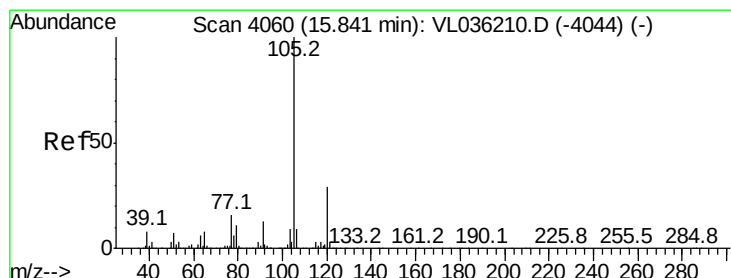
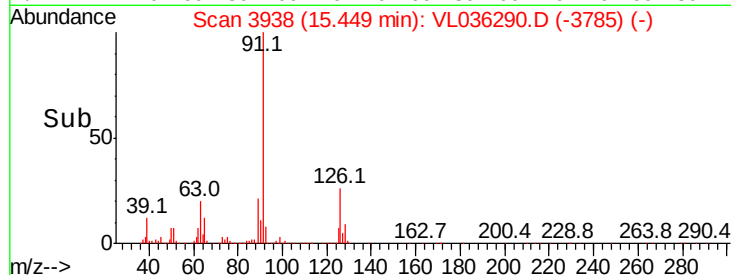
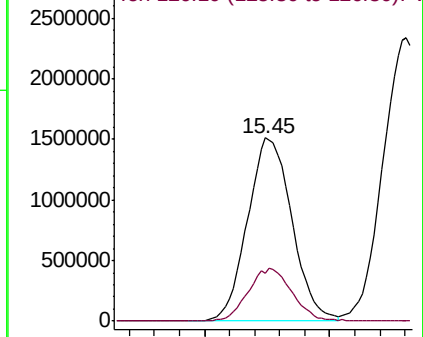
MMDadoda

2/1/2021 1:54:01 PM



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 8.478 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion: 105 Resp: 3634621

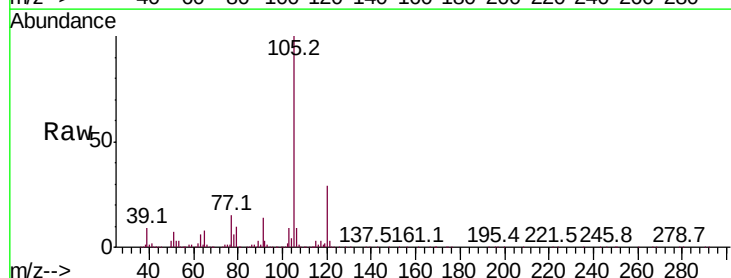
Ion Ratio Lower Upper

105 100

120 29.1 23.7 35.5

91 15.1 11.9 17.9

77 15.3 12.6 18.8

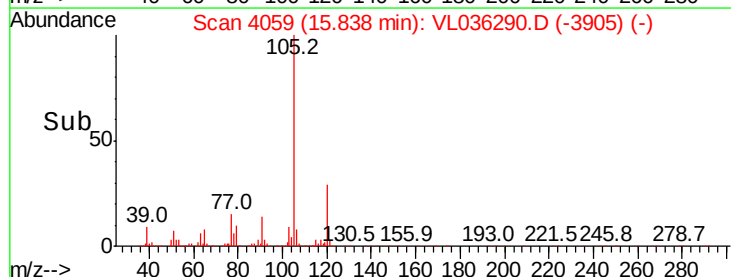
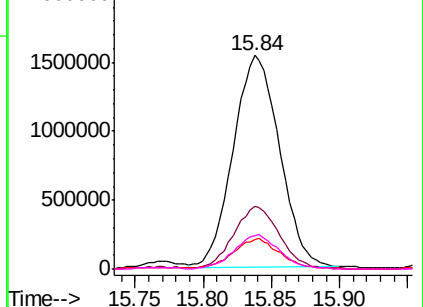


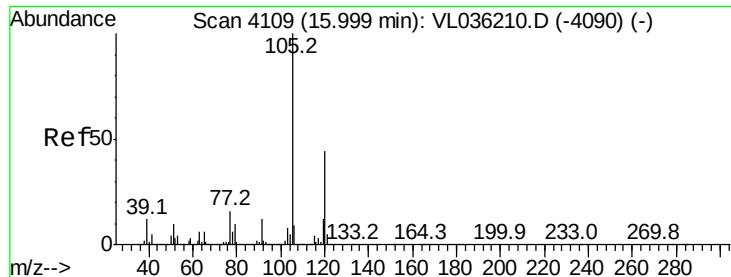
Abundance Ion 105.10 (104.80 to 105.80): V

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





#73

1,3,5-Trimethylbenzene

Concen: 8.334 ppbv

RT: 16.00 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 3406035

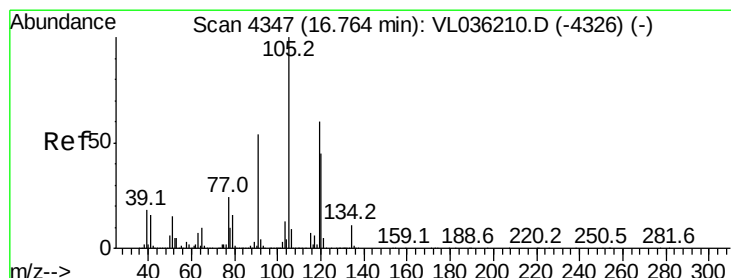
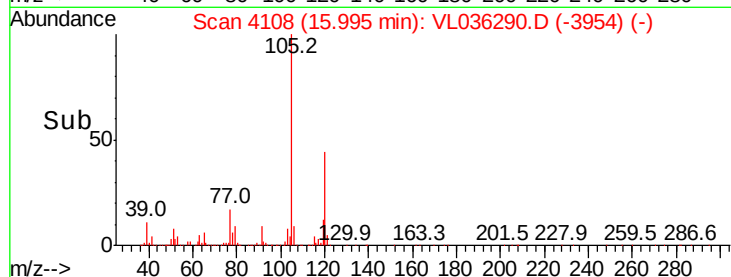
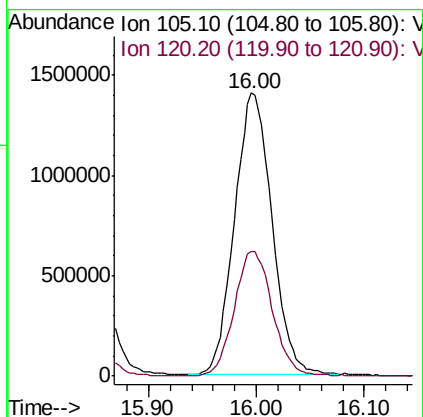
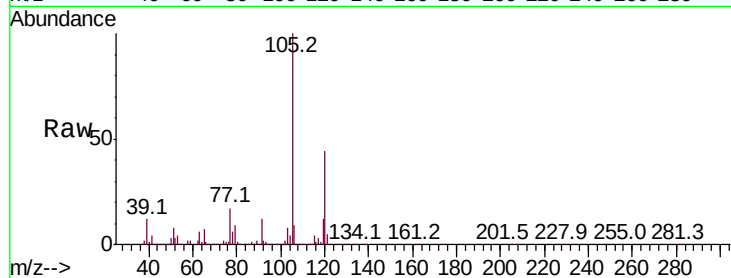
Ion Ratio Lower Upper

105 100

120 44.0 35.5 53.3

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2/1/2021 1:54:01 PM



#74

1,2,4-Trimethylbenzene

Concen: 8.162 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion:105 Resp: 3421764

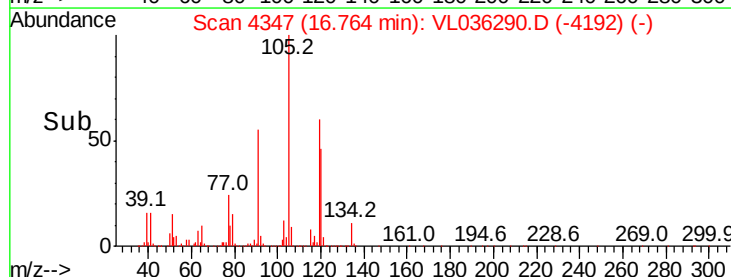
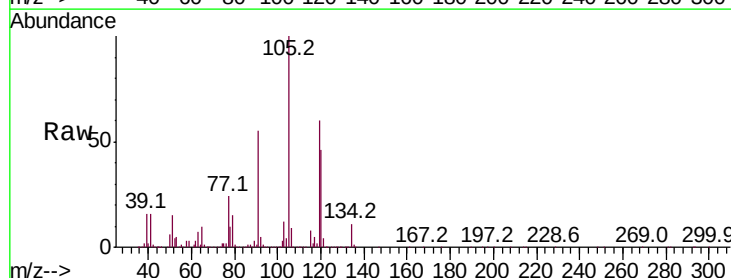
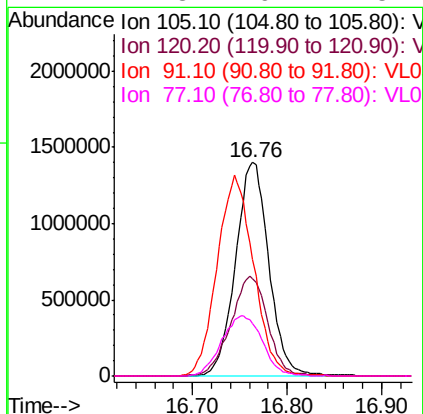
Ion Ratio Lower Upper

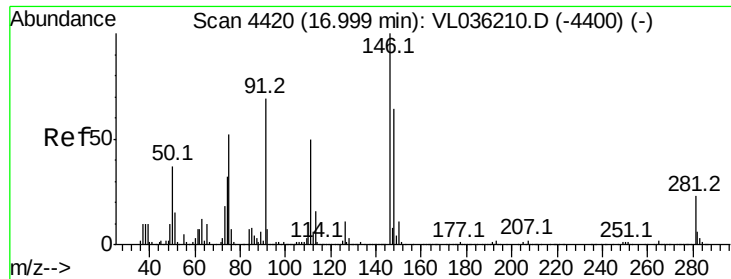
105 100

120 45.5 36.2 54.2

91 54.7 43.3 64.9

77 24.3 19.1 28.7





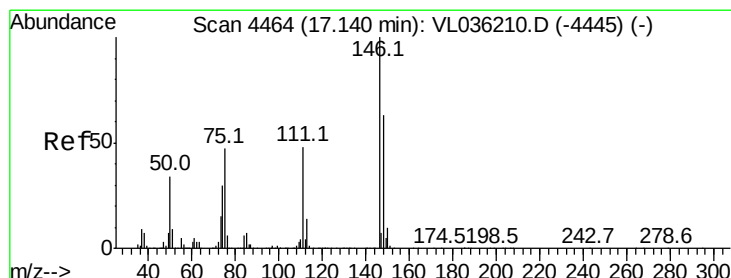
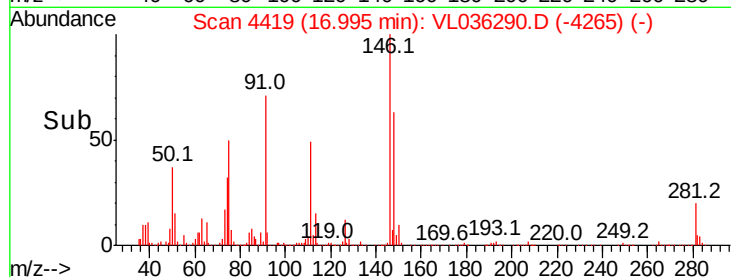
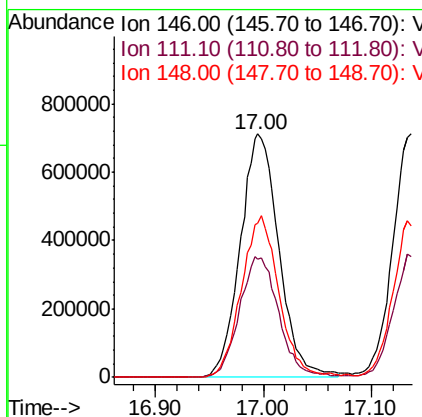
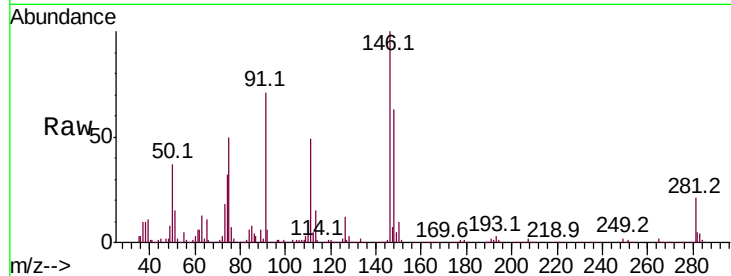
#75
 1,3-Dichlorobenzene
 Concen: 7.870 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 1769535
 Ion Ratio Lower Upper
 146 100
 111 50.2 25.5 76.5
 148 64.9 32.4 97.2

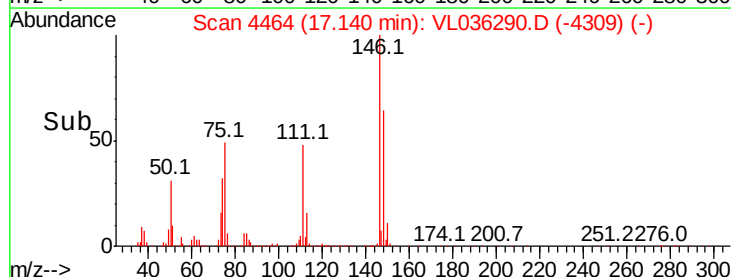
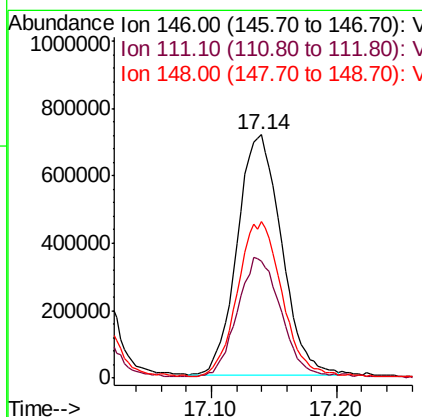
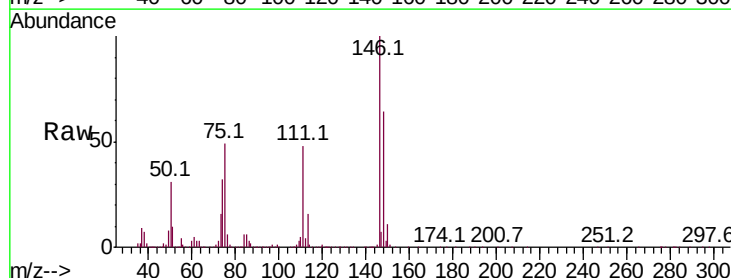
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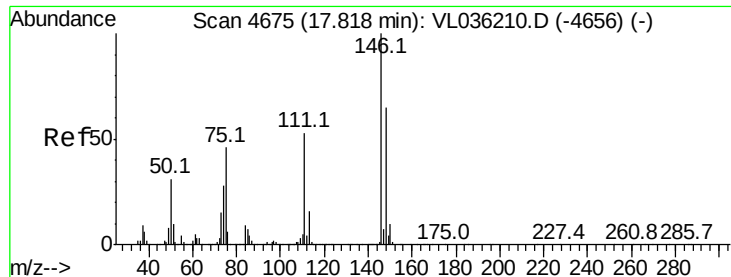
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#76
 1,4-Dichlorobenzene
 Concen: 7.870 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion:146 Resp: 1748114
 Ion Ratio Lower Upper
 146 100
 111 50.7 25.4 76.0
 148 66.2 33.3 99.9





#77

1,2-Dichlorobenzene

Concen: 7.710 ppbv

RT: 17.82 min Scan# 4674

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

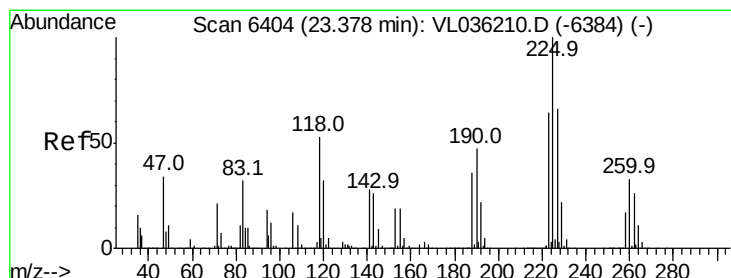
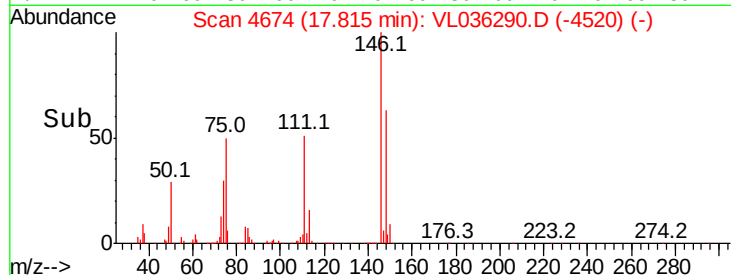
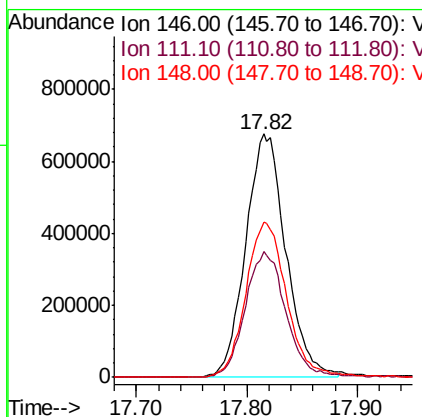
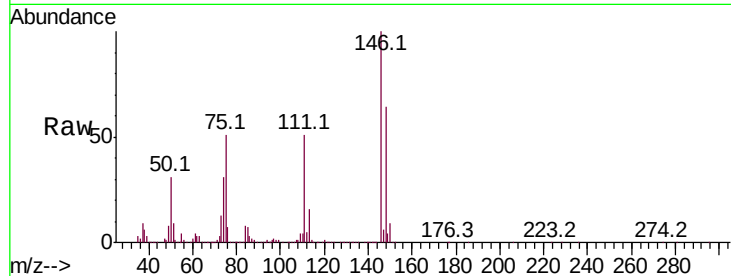
ClientSampleId :

VSTDCCC010EC

Tot Ion:	146	Resp:	1693267
Ion	Ratio	Lower	Upper
146	100		
111	53.4	26.5	79.4
148	65.8	32.8	98.4

Manual Integrations
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#78

Hexachloro-1,3-Butadiene

Concen: 7.428 ppbv

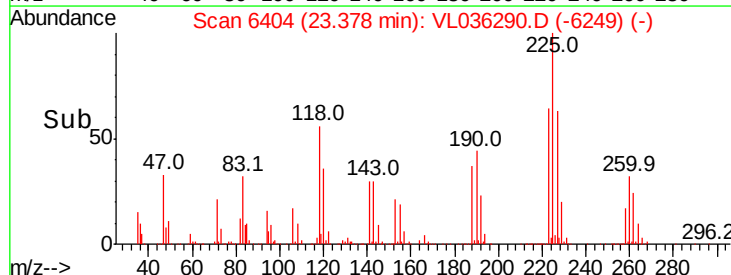
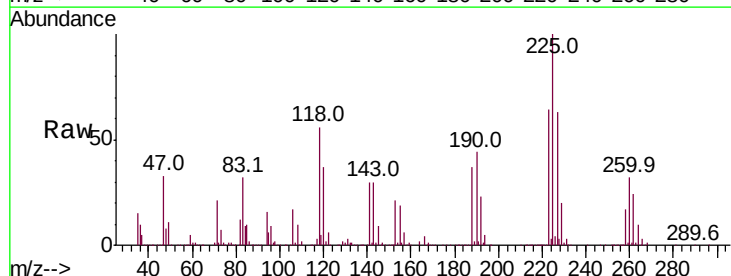
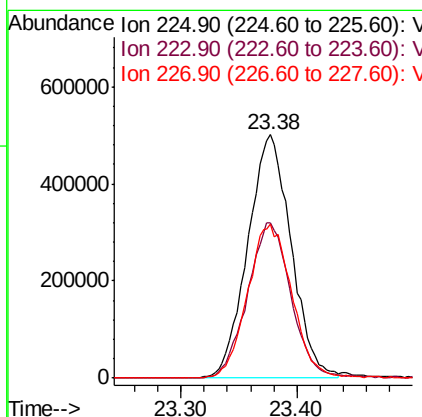
RT: 23.38 min Scan# 6404

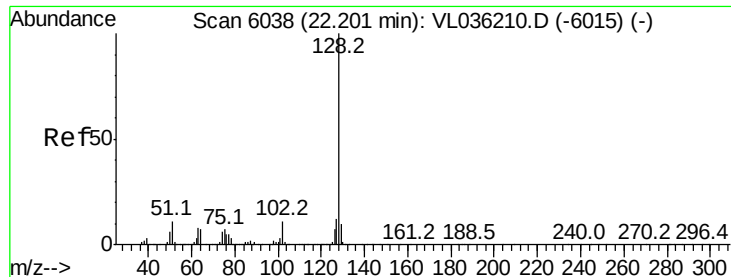
Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion:	225	Resp:	1304765
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.5	75.7
227	64.9	51.7	77.5





#79

Naphthalene

Concen: 10.112 ppbv

RT: 22.20 min Scan# 6037

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

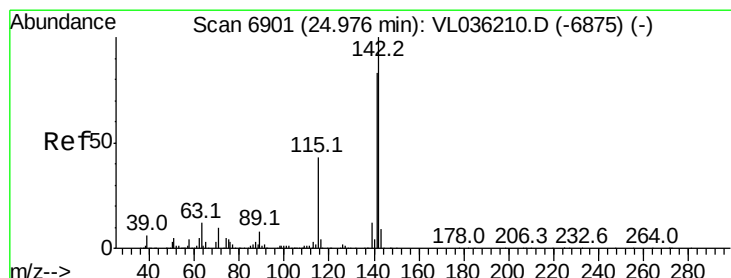
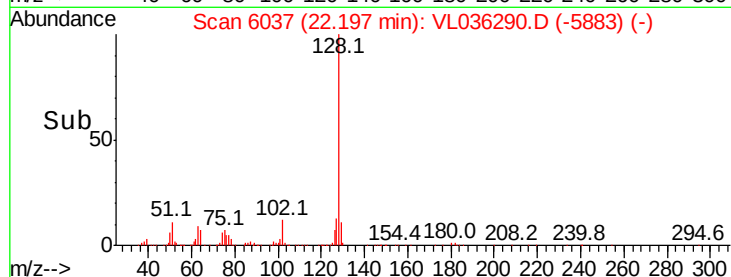
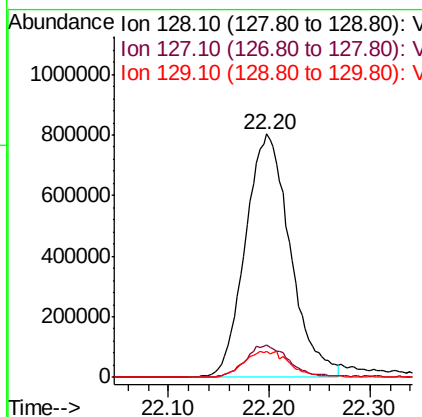
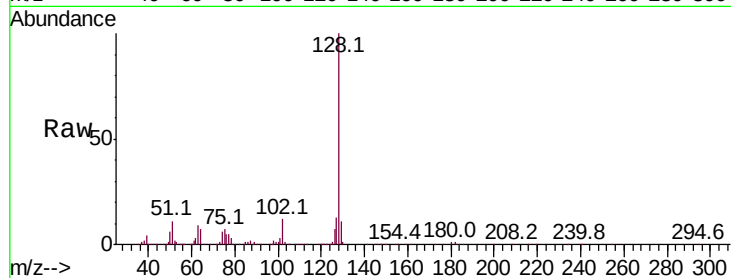
ClientSampleId :

VSTDCCC010EC

Tot Ion:	128	Resp:	2477847
Ion	Ratio	Lower	Upper
128	100		
127	13.5	9.9	14.9
129	10.8	8.4	12.6

Manual Integrations
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MMDadoda
2/1/2021 1:54:01 PM



#80

Naphthalene, 2-methyl-

Concen: 15.186 ppbv

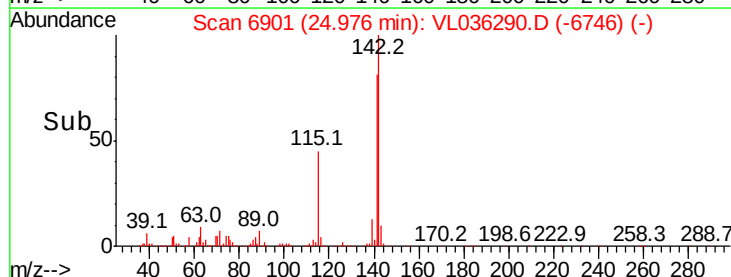
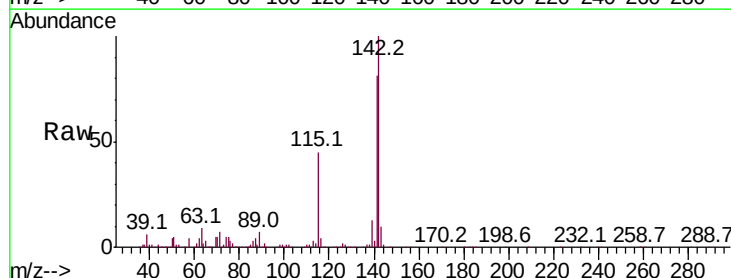
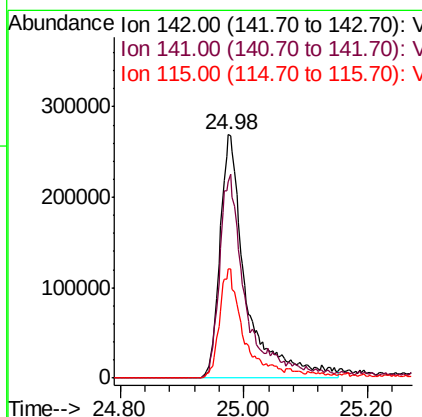
RT: 24.98 min Scan# 6901

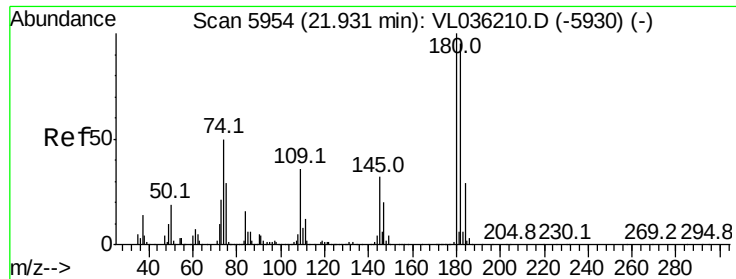
Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion:	142	Resp:	794038
Ion	Ratio	Lower	Upper
142	100		
141	85.8	68.6	102.8
115	40.5	32.9	49.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.292 ppbv
 RT: 21.93 min Scan# 5953
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.6	79.9	119.9
184	31.4	25.6	38.4

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:54:01 PM

