

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036703.D
 Acq On : 6 Apr 2021 17:54
 Operator : SY/AP
 Sample : VL0406ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VL0406ABS01

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:10:56 AM

Quant Time: Apr 07 05:57:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1333175	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3387475	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3188946	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2617453	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2019086	9.285 ppbv	97
3) Chlorodifluoromethane	2.99	51	2401745	9.642 ppbv	100
4) Chloromethane	3.14	50	781185	8.879 ppbv	99
5) Vinyl Chloride	3.26	62	763726	8.442 ppbv	98
6) Bromomethane	3.48	94	422897	8.491 ppbv	97
7) Chloroethane	3.56	64	273464	8.797 ppbv	96
8) Dichlorotetrafluoroethane	3.19	85	1841763	8.874 ppbv	98
9) Propene	3.01	41	706221	8.894 ppbv	99
10) Heptane	8.13	43	1877396	9.281 ppbv	98
11) Trichlorofluoromethane	3.95	101	1861576	8.401 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1234621	8.714 ppbv	100
13) Ethanol	3.62	45	73490m	7.772 ppbv	
14) Bromoethene	3.75	108	516219	8.764 ppbv	99
15) Acetone	3.85	43	979340	7.464 ppbv	99
16) 1,3-Butadiene	3.33	39	798336	8.739 ppbv	98
17) tert-Butyl alcohol	4.30	59	1071489	9.380 ppbv	98
18) 1,1-Dichloroethene	4.29	96	544486	8.640 ppbv	95
19) Isopropyl Alcohol	3.97	45	613735	8.503 ppbv	100
20) Methylene Chloride	4.35	84	458439	7.462 ppbv	98
21) Allyl Chloride	4.42	41	897166	8.577 ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	514800	8.811 ppbv	91
23) Vinyl Acetate	5.08	43	1929096	8.595 ppbv	99
24) 1,1-Dichloroethane	5.02	63	1494256	9.134 ppbv	99
25) Ethyl Acetate	5.68	43	2758442	8.842 ppbv	100
26) Hexane	5.69	57	1316532	9.094 ppbv	98
27) Carbon Disulfide	4.56	76	1314604	9.218 ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1465826	8.586 ppbv	99
29) Chloroform	5.76	83	2085084	9.006 ppbv	99
30) Cyclohexane	7.14	84	1150011	9.795 ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	1287988	9.199 ppbv	97
32) 1,1,1-Trichloroethane	6.52	97	2142878	9.184 ppbv	99
34) 2-Butanone	5.25	43	1324776	8.012 ppbv	100
35) Carbon Tetrachloride	7.03	117	2262291	8.695 ppbv	97
36) Benzene	6.90	78	2789246	8.928 ppbv	99
37) 1,2-Dichloroethane	6.32	62	1604567	8.726 ppbv	100
38) Trichloroethene	7.84	130	1049207	8.630 ppbv	98
39) 1,2-Dichloropropane	7.62	63	1087190	8.579 ppbv	96
40) 1,4-Dioxane	7.84	88	261694m	8.872 ppbv	
41) Tetrahydrofuran	6.06	42	540606	7.091 ppbv	92
42) Bromodichloromethane	7.80	83	2277633	9.106 ppbv	97
43) Methyl Methacrylate	8.02	69	1027587	9.795 ppbv	98

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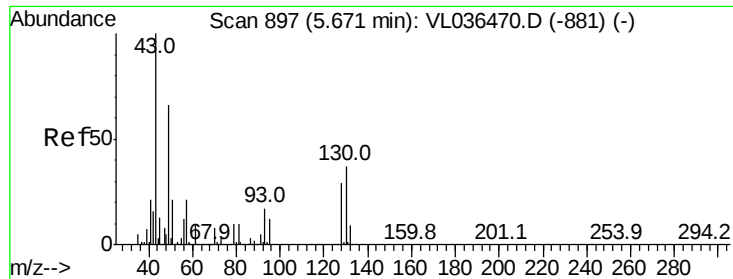
Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:10:56 AM

Quant Time: Apr 07 05:57:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4736095	8.613	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	975626	8.144	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1264774	8.260	ppbv	97
47) 1,1,2-Trichloroethane	9.49	97	1143842	8.911	ppbv	96
48) Dibromochloromethane	10.32	129	1874418	9.579	ppbv	100
49) Bromoform	13.05	173	1563254	9.915	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	1968165	8.226	ppbv	98
51) 2-Hexanone	10.15	43	1040924	8.621	ppbv #	100
52) Tetrachloroethene	11.24	164	957051	8.319	ppbv	99
53) Toluene	9.82	91	3117839	9.371	ppbv	99
54) 1,2-Dibromoethane	10.63	107	1608350	8.872	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	1320712	9.157	ppbv	99
57) Chlorobenzene	12.16	112	2381510	8.777	ppbv	99
58) Ethyl Benzene	12.72	91	4269722	9.203	ppbv	100
59) m/p-Xylene	13.01	91	7275311m	17.979	ppbv	
60) o-Xylene	13.71	91	3460930	8.845	ppbv	100
61) Styrene	13.54	104	1890637	9.605	ppbv	99
62) Isopropylbenzene	14.68	105	4805206	9.120	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2568941	8.607	ppbv	99
64) n-propylbenzene	15.58	120	1256562	9.754	ppbv	99
65) tert-Butylbenzene	16.76	119	4214923	9.225	ppbv	99
66) Benzyl Chloride	17.00	91	311997	6.178	ppbv	97
67) sec-Butylbenzene	17.31	105	5912091	9.167	ppbv	99
69) p-Isopropyltoluene	17.67	119	4890428	9.710	ppbv	99
70) n-Butylbenzene	18.56	91	5032225	9.637	ppbv	99
71) 2-Chlorotoluene	15.47	91	3715370	9.410	ppbv	100
72) 4-Ethyltoluene	15.85	105	4149792	9.679	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	3673488	9.180	ppbv	98
74) 1,2,4-Trimethylbenzene	16.78	105	3845956	8.981	ppbv	99
75) 1,3-Dichlorobenzene	17.01	146	2271871	9.425	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	2199186	9.189	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	2211251	9.760	ppbv	98
78) Hexachloro-1,3-Butadiene	23.39	225	1736343	8.557	ppbv	99
79) Naphthalene	22.22	128	2645504	10.587	ppbv	98
80) Naphthalene, 2-methyl-	24.99	142	331411	6.726	ppbv	96
81) 1,2,4-Trichlorobenzene	21.94	180	1611789	10.447	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion: 49 Resp: 1333175

Ion Ratio Lower Upper

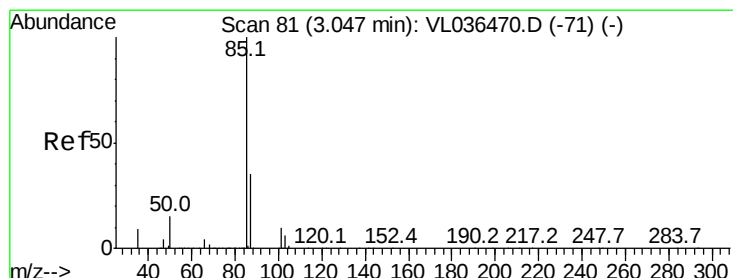
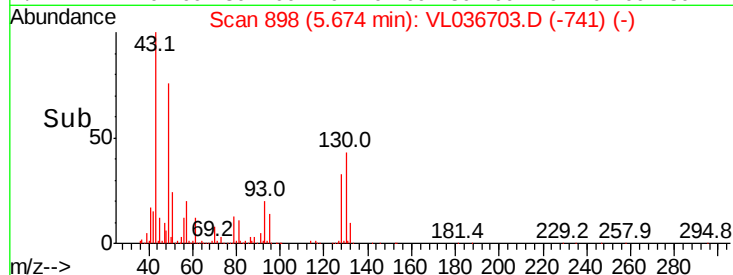
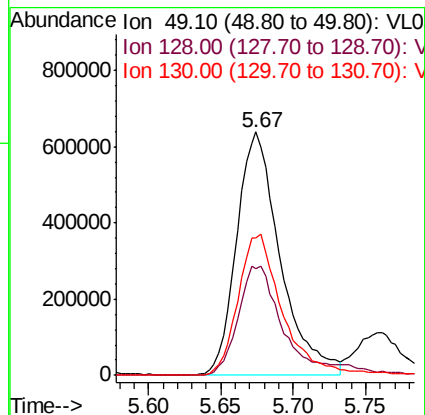
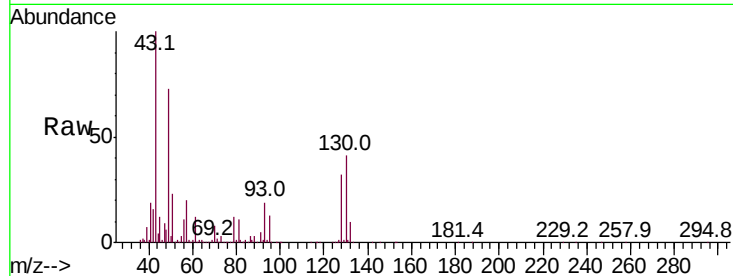
49 100

128 48.9 23.5 70.6

130 60.3 29.1 87.4

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#2

Dichlorodifluoromethane

Concen: 9.285 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL036703.D

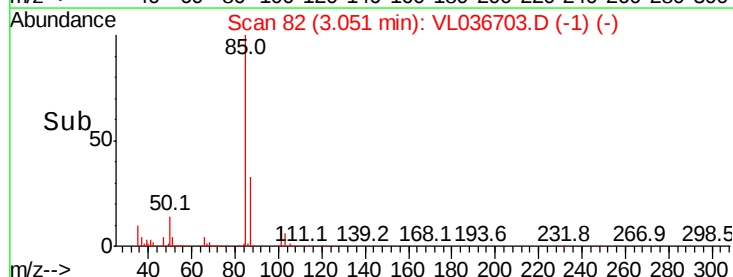
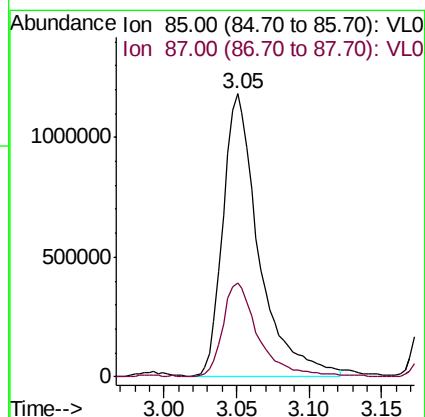
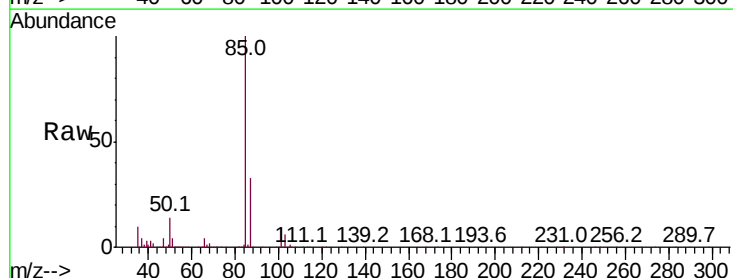
Acq: 6 Apr 2021 17:54

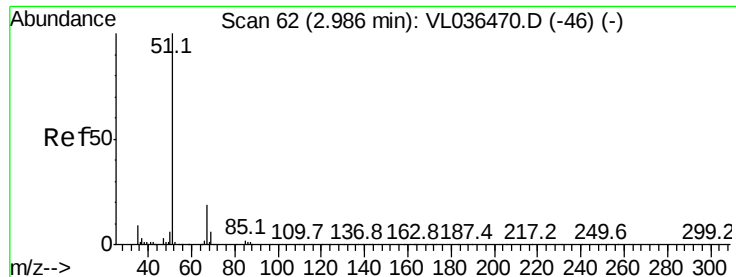
Tgt Ion: 85 Resp: 2019086

Ion Ratio Lower Upper

85 100

87 33.1 27.8 41.8





#3

Chlorodifluoromethane

Concen: 9.642 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.00 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion: 51 Resp: 2401745

Ion Ratio Lower Upper

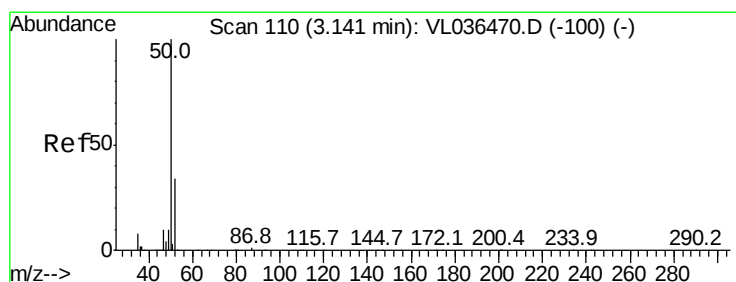
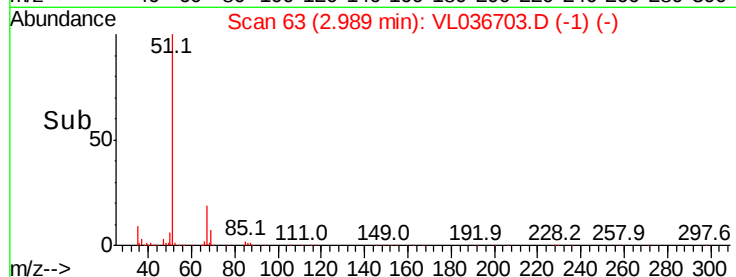
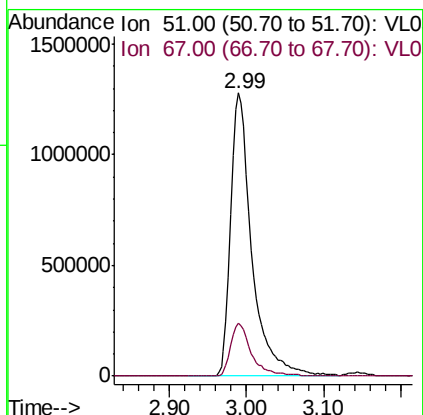
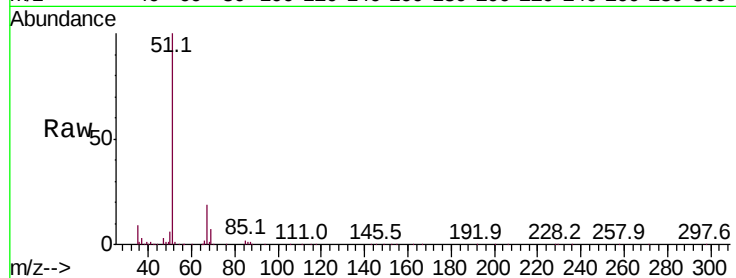
51 100

67 18.6 14.7 22.1

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#4

Chloromethane

Concen: 8.879 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL036703.D

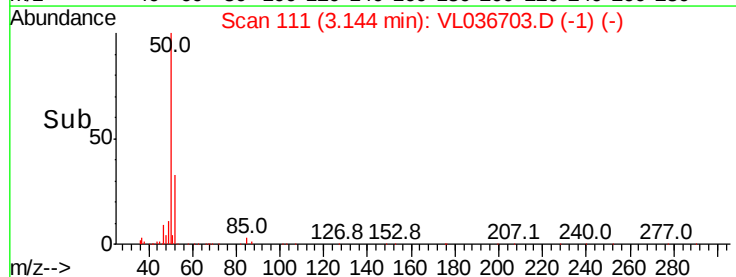
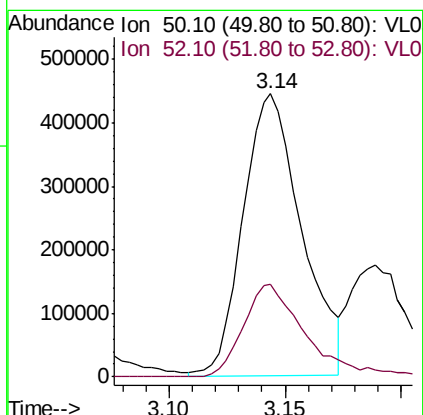
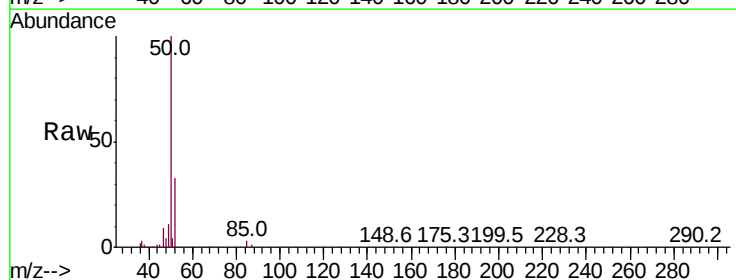
Acq: 6 Apr 2021 17:54

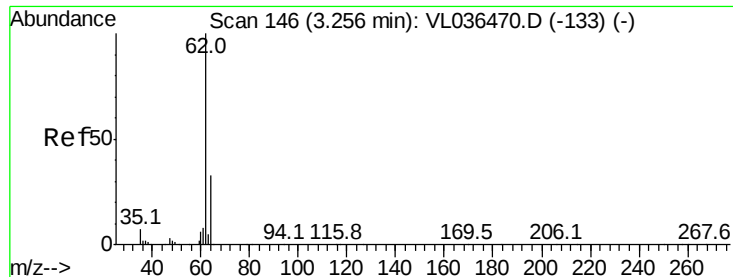
Tgt Ion: 50 Resp: 781185

Ion Ratio Lower Upper

50 100

52 33.2 27.0 40.6





#5

Vinyl Chloride

Concen: 8.442 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion: 62 Resp: 763726

Ion Ratio Lower Upper

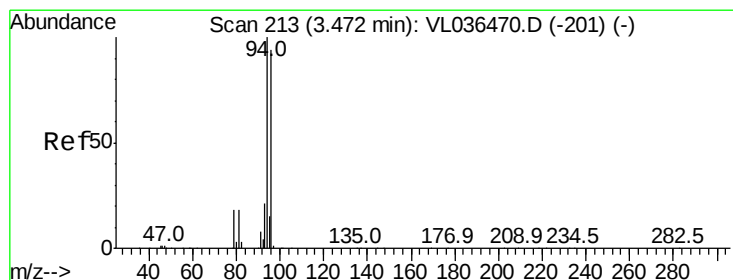
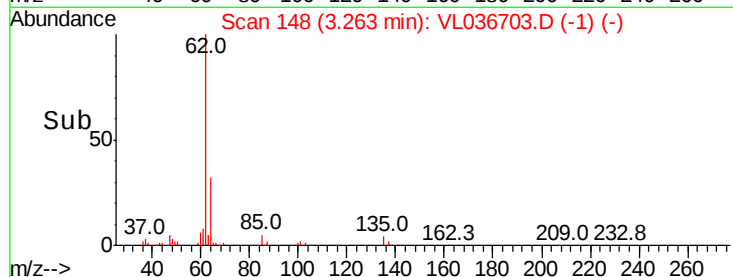
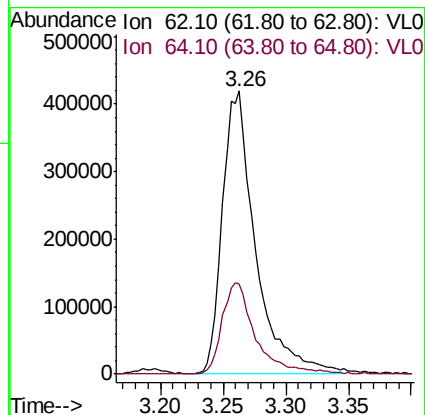
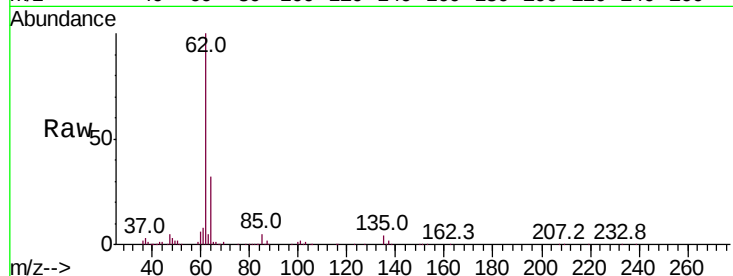
62 100

64 31.7 26.4 39.6

Manual Integrations
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#6

Bromomethane

Concen: 8.491 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036703.D

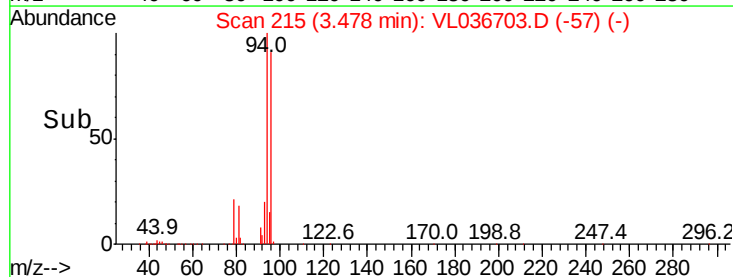
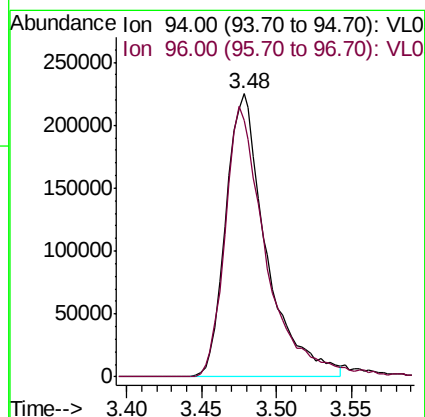
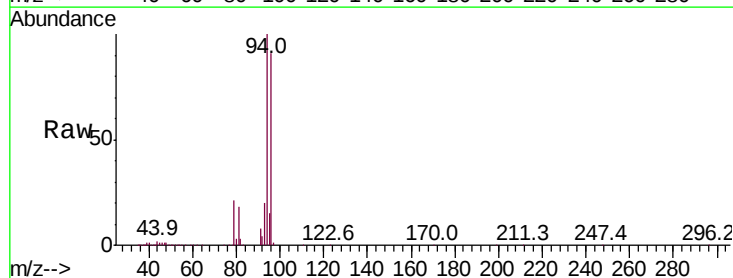
Acq: 6 Apr 2021 17:54

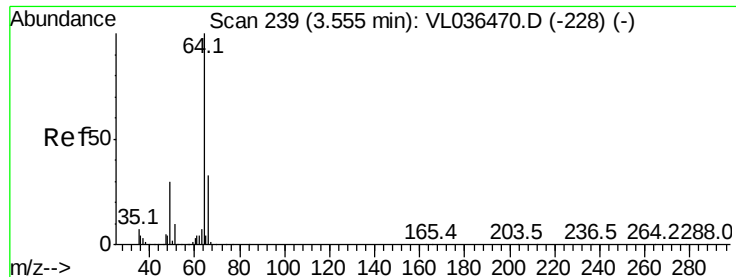
Tgt Ion: 94 Resp: 422897

Ion Ratio Lower Upper

94 100

96 90.7 74.9 112.3





#7

Chloroethane

Concen: 8.797 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion: 64 Resp: 273464

Ion Ratio Lower Upper

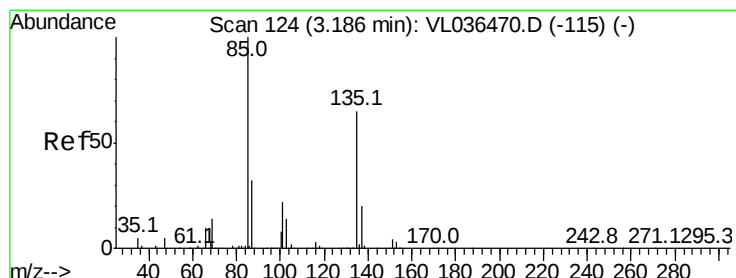
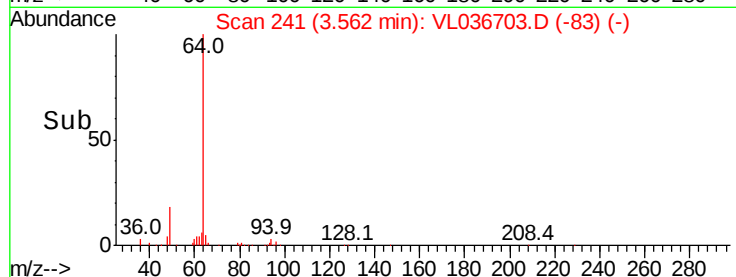
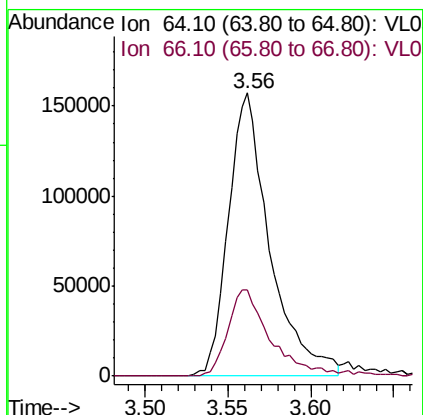
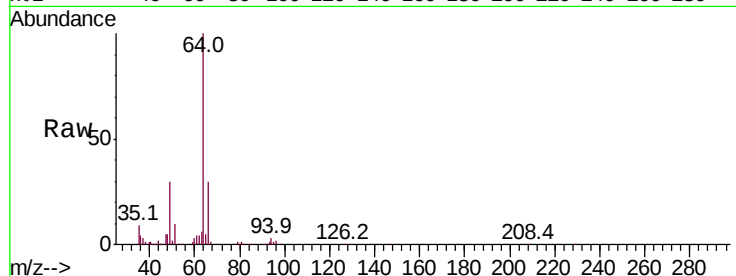
64 100

66 30.5 26.2 39.2

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#8

Dichlorotetrafluoroethane

Concen: 8.874 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036703.D

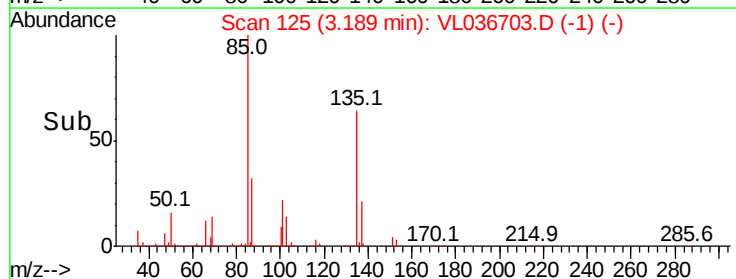
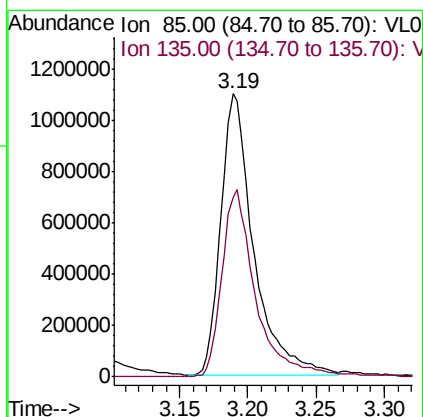
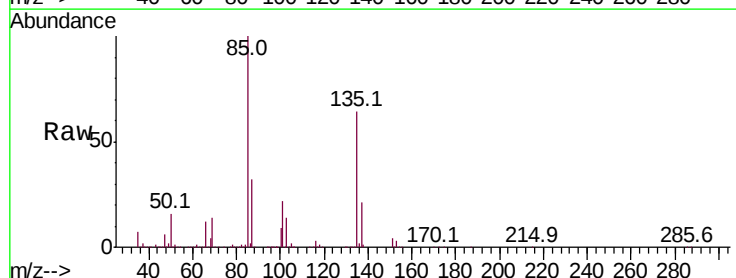
Acq: 6 Apr 2021 17:54

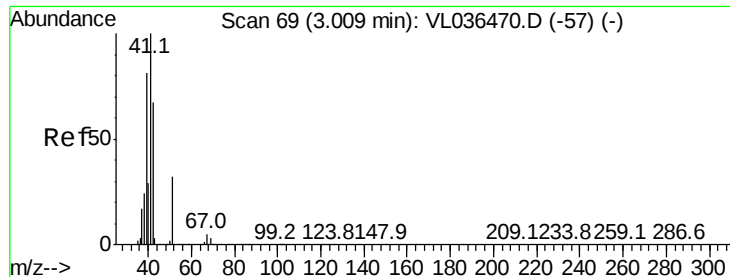
Tgt Ion: 85 Resp: 1841763

Ion Ratio Lower Upper

85 100

135 69.3 54.3 81.5





#9

Propene

Concen: 8.894 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

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ClientSampleId :

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Tot Ion: 41 Resp: 706221

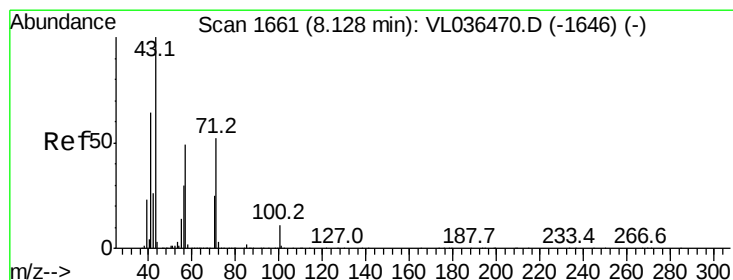
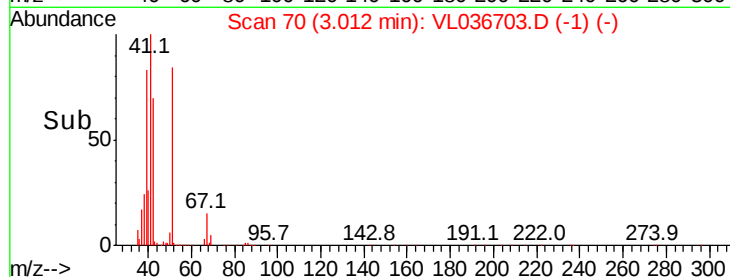
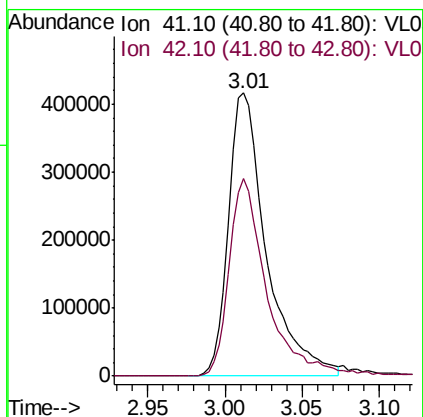
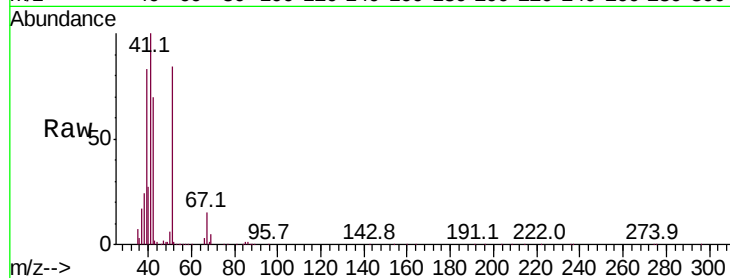
Ion Ratio Lower Upper

41 100

42 70.4 57.0 85.4

Manual Integrations
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#10

Heptane

Concen: 9.281 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.01 min

Lab File: VL036703.D

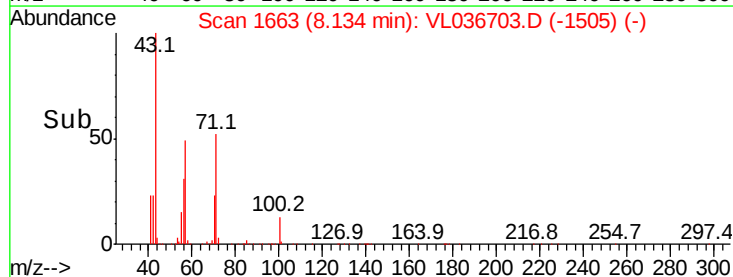
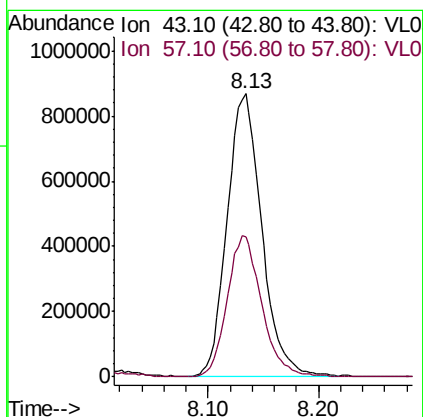
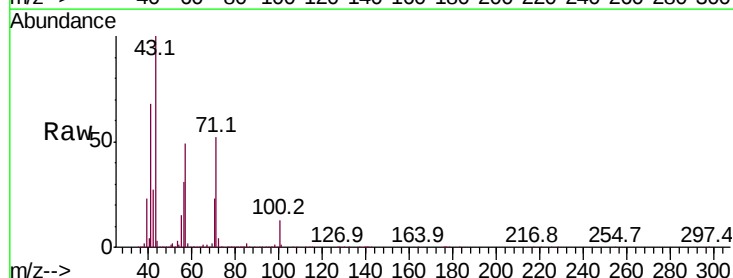
Acq: 6 Apr 2021 17:54

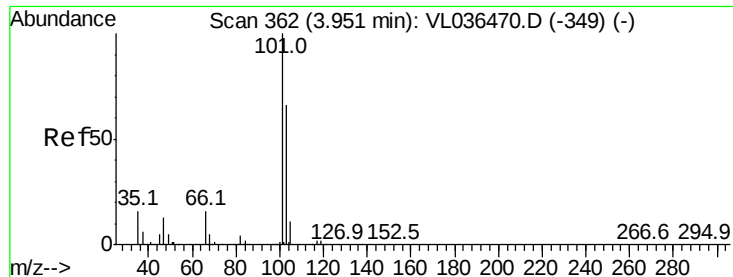
Tgt Ion: 43 Resp: 1877396

Ion Ratio Lower Upper

43 100

57 50.0 39.0 58.6





#11

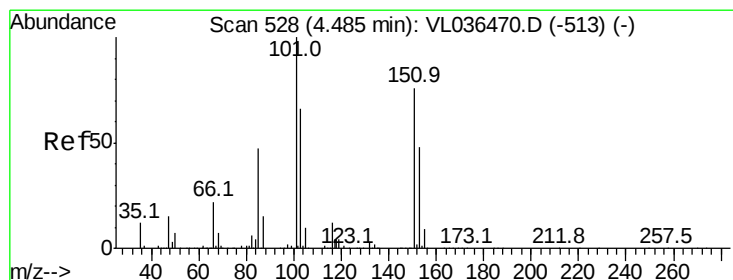
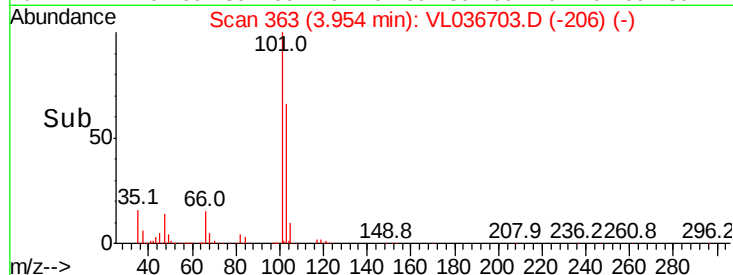
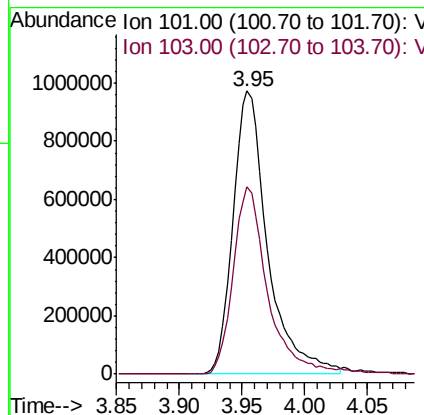
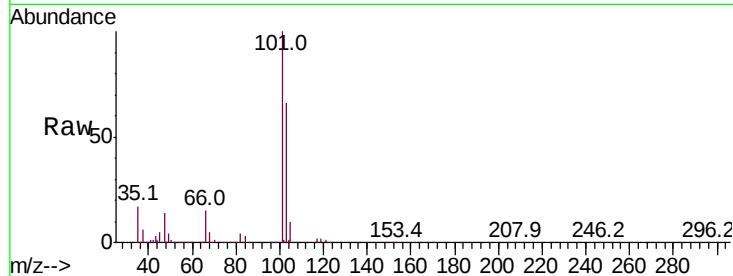
Trichlorofluoromethane
Concen: 8.401 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion:101 Resp: 1861576
Ion Ratio Lower Upper
101 100
103 66.0 52.5 78.7

Manual Integrations
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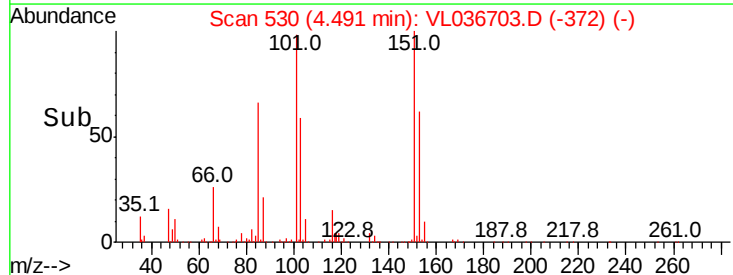
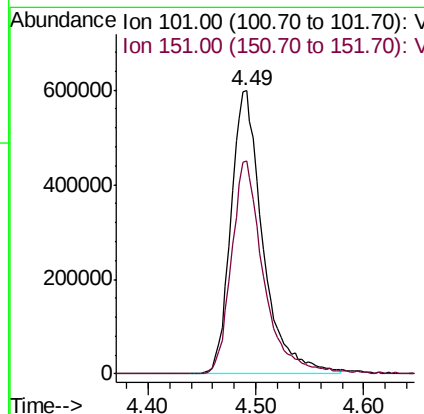
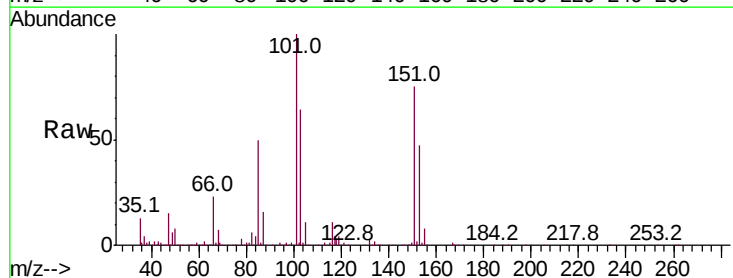
MMDadoda
4/12/2021 11:10:56 AM

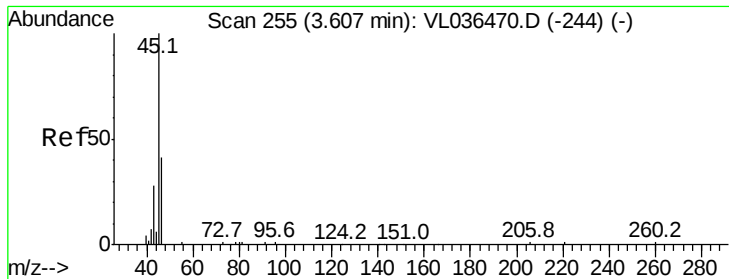


#12

1,1,2-Trichlorotrifluoroethane
Concen: 8.714 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion:101 Resp: 1234621
Ion Ratio Lower Upper
101 100
151 76.4 60.9 91.3





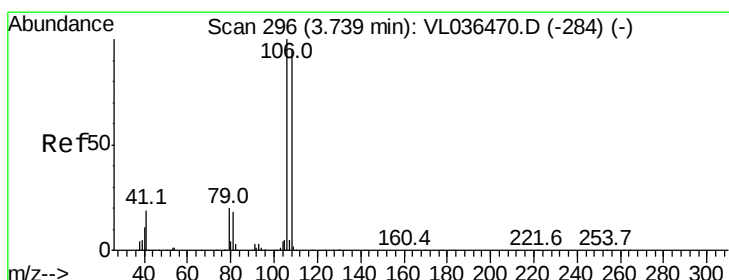
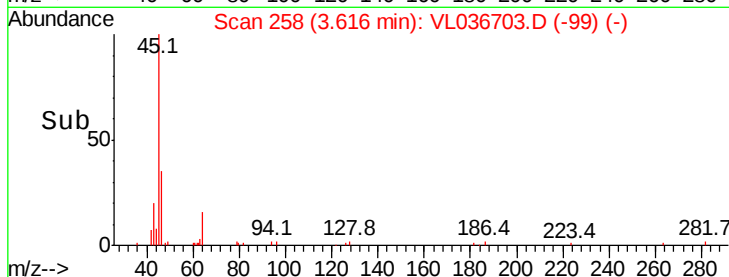
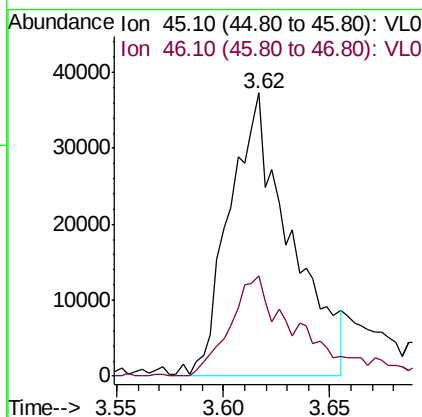
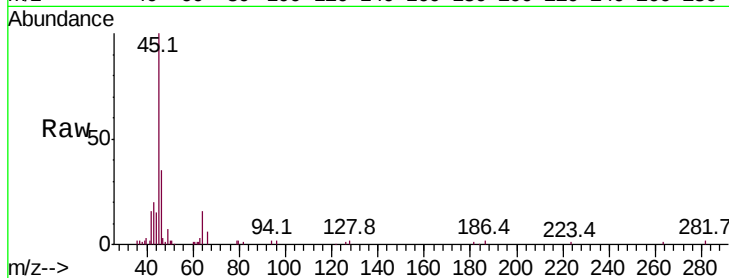
#13
Ethanol
Concen: 7.772 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion: 45 Resp: 73490
Ion Ratio Lower Upper
45 100
46 40.8 16.6 66.2

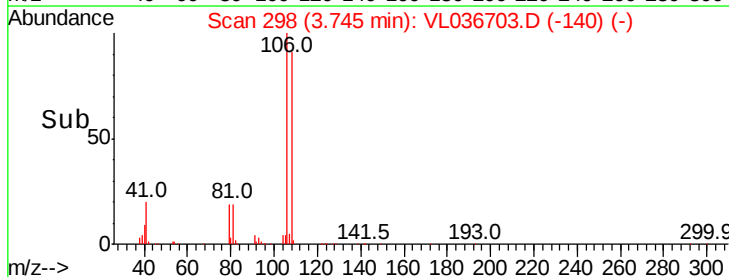
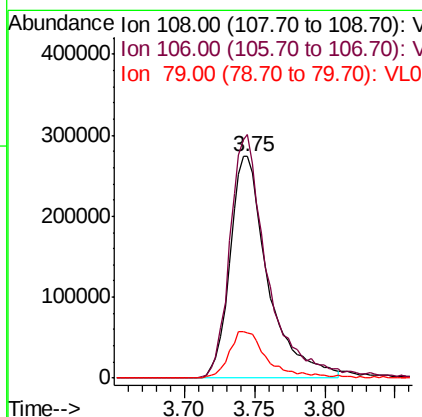
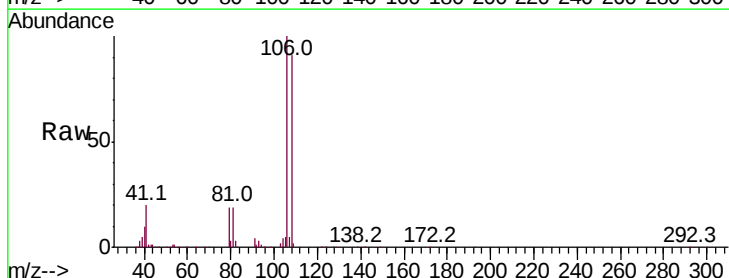
Manual Integrations
APPROVED

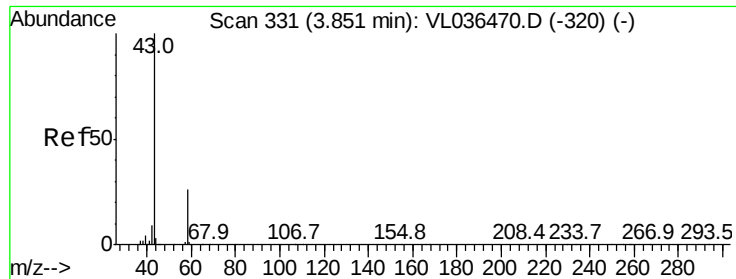
MMDadoda
4/12/2021 11:10:56 AM



#14
Bromoethene
Concen: 8.764 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion: 108 Resp: 516219
Ion Ratio Lower Upper
108 100
106 110.5 89.0 133.6
79 21.8 16.6 25.0





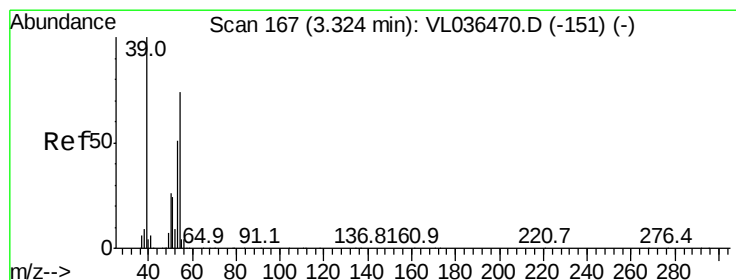
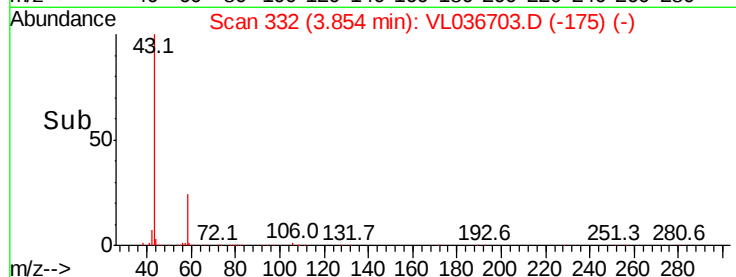
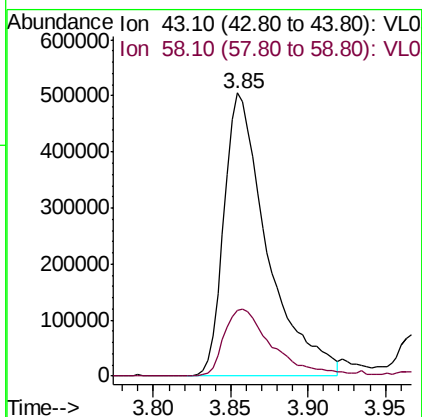
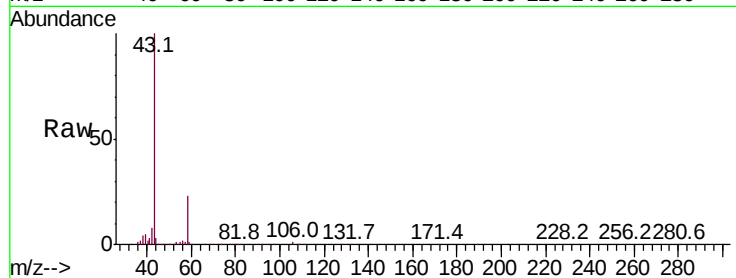
#15
Acetone
Concen: 7.464 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.2	31.8

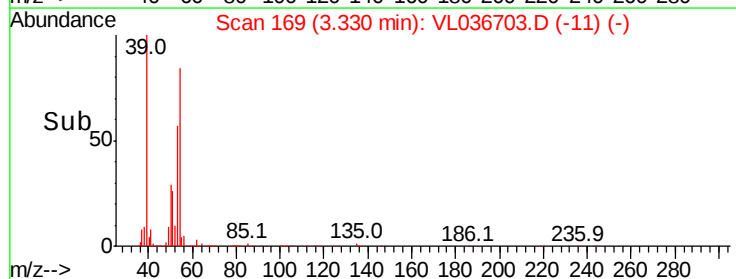
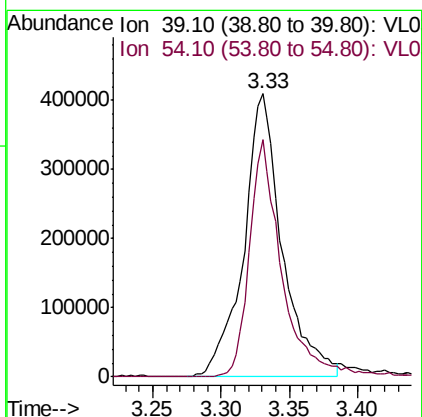
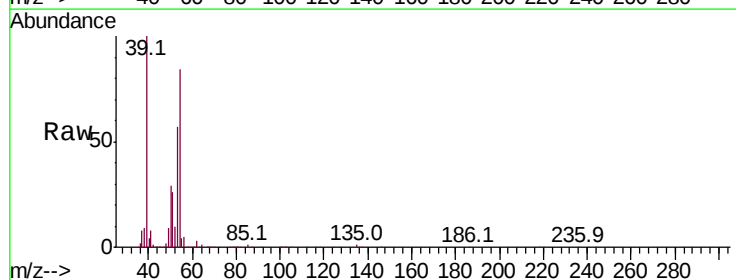
Manual Integrations
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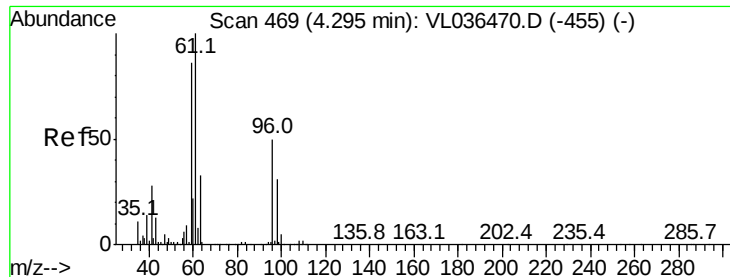
MMDadoda
4/12/2021 11:10:56 AM



#16
1,3-Butadiene
Concen: 8.739 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
39	100		
54	72.1	58.8	88.2





#17

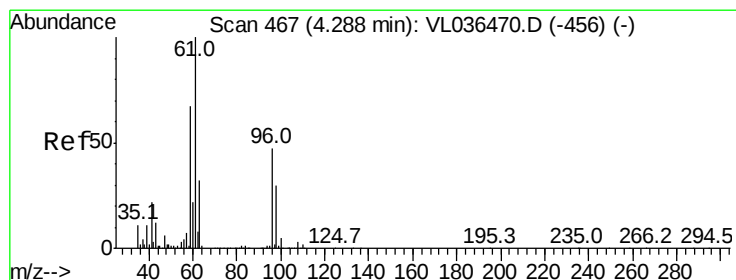
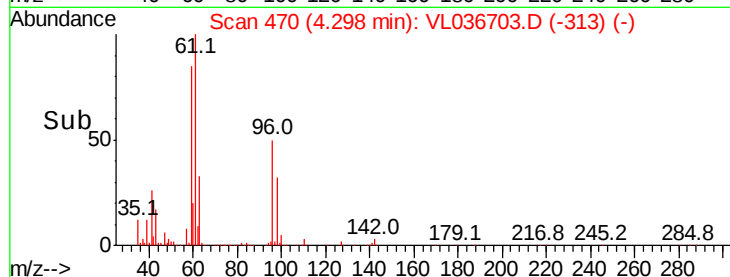
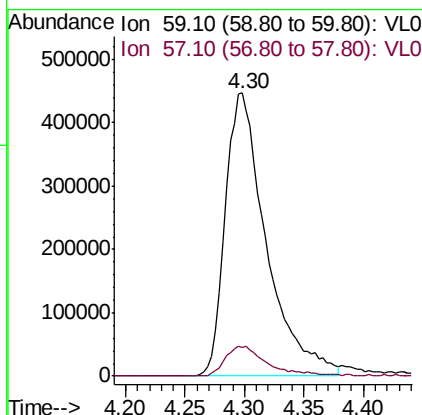
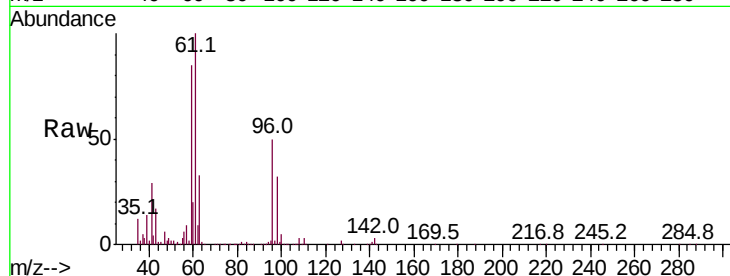
tert-Butyl alcohol
Concen: 9.380 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion: 59 Resp: 1071489
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8

Manual Integrations
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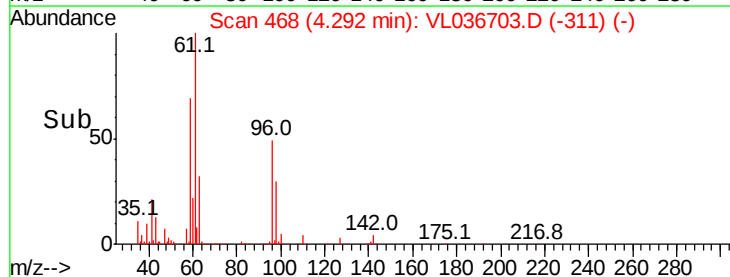
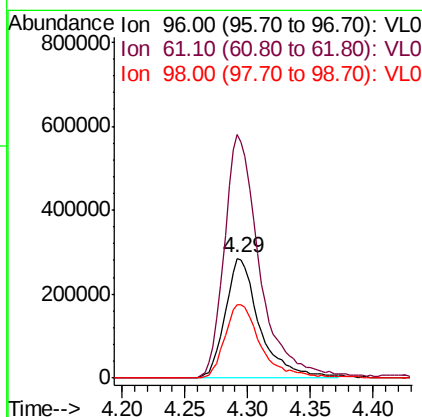
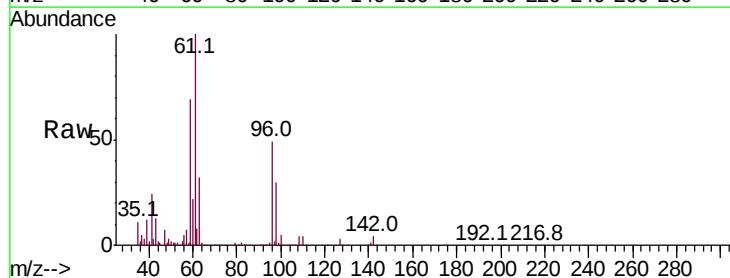
MMDadoda
4/12/2021 11:10:56 AM

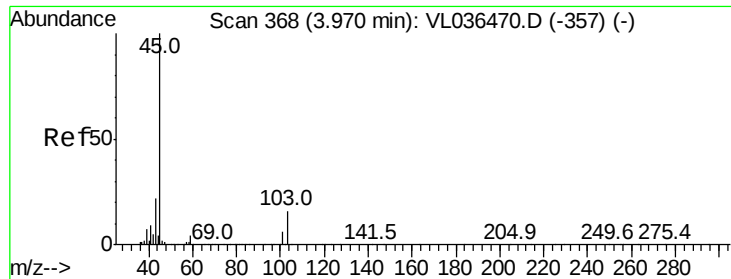


#18

1,1-Dichloroethene
Concen: 8.640 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion: 96 Resp: 544486
Ion Ratio Lower Upper
96 100
61 202.8 168.6 253.0
98 60.9 50.8 76.2





#19

Isopropyl Alcohol

Concen: 8.503 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.00 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion: 45 Resp: 613735

Ion Ratio Lower Upper

45 100

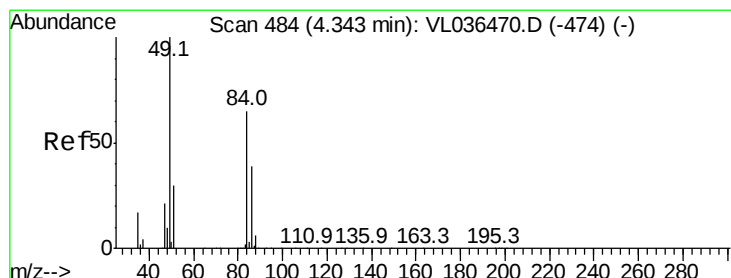
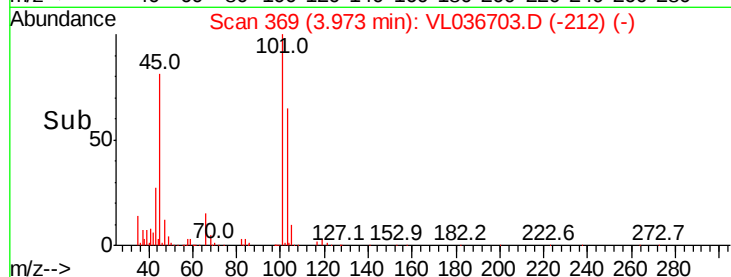
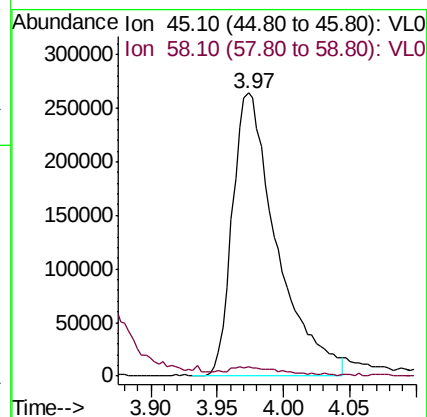
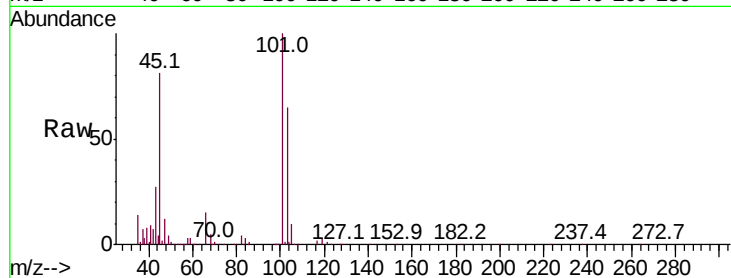
58 3.6 2.9 4.3

Manual Integrations

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4/12/2021 11:10:56 AM



#20

Methylene Chloride

Concen: 7.462 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Tgt Ion: 84 Resp: 458439

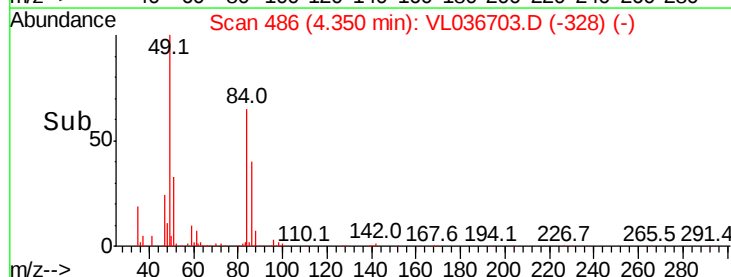
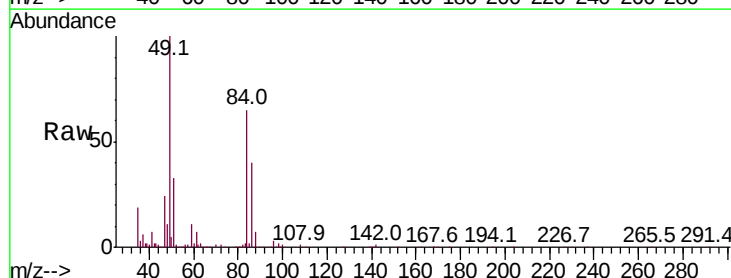
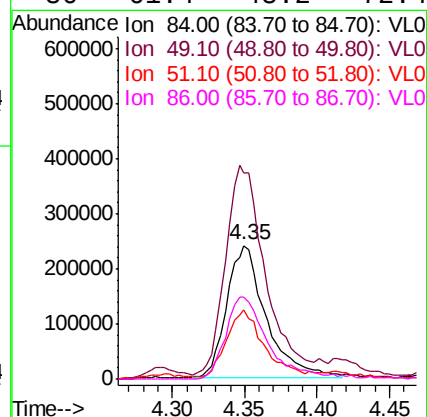
Ion Ratio Lower Upper

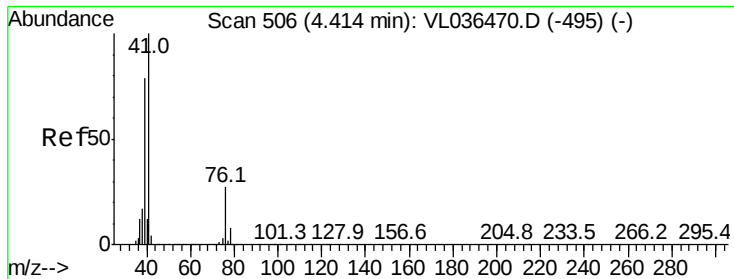
84 100

49 152.4 122.9 184.3

51 49.9 36.9 55.3

86 61.4 48.2 72.4





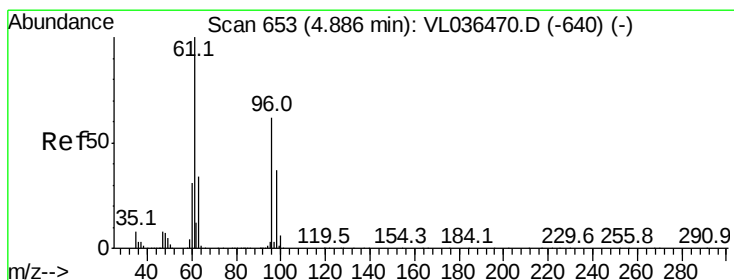
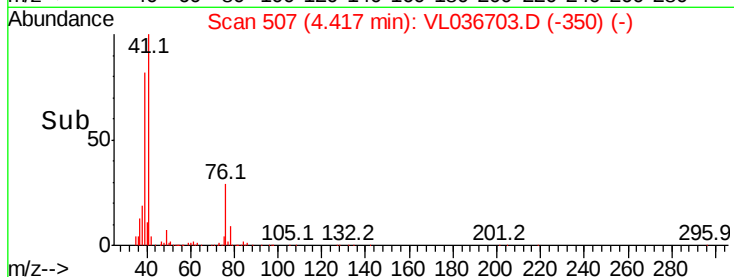
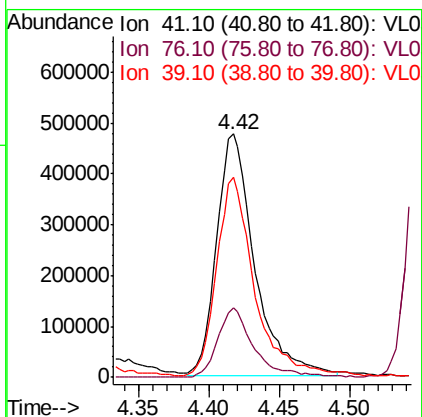
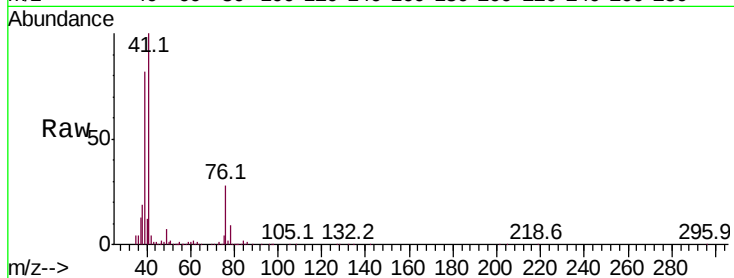
#21
Allvl Chloride
Concen: 8.577 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion	Ratio	Lower	Upper
41	100		
76	27.1	22.9	34.3
39	81.3	67.3	100.9

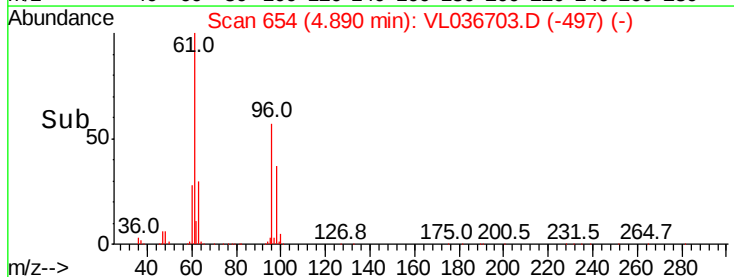
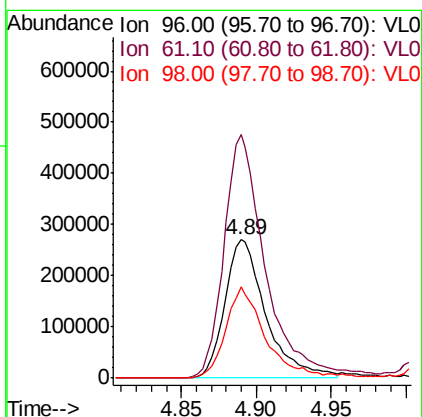
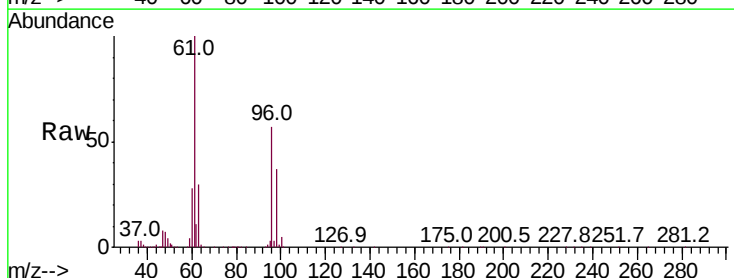
Manual Integrations
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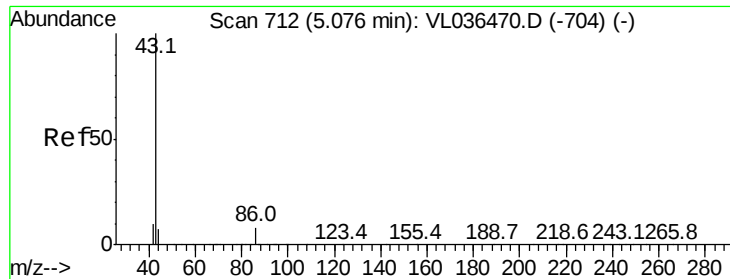
MMDadoda
4/12/2021 11:10:56 AM



#22
trans-1,2-Dichloroethene
Concen: 8.811 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.5	129.4	194.0
98	65.3	48.2	72.4





#23

Vinyl Acetate

Concen: 8.595 ppbv

RT: 5.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion: 43 Resp: 1929096

Ion Ratio Lower Upper

43 100

86 7.1 5.4 8.0

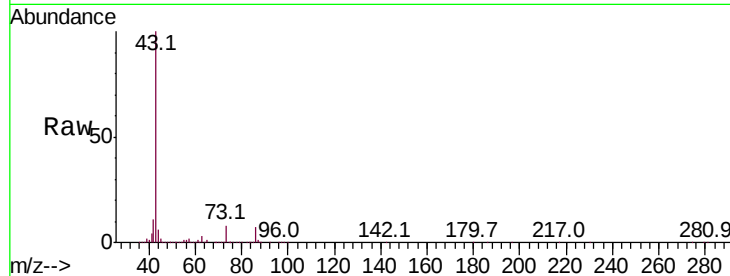
42 10.4 8.5 12.7

44 5.8 4.6 7.0

Manual Integrations
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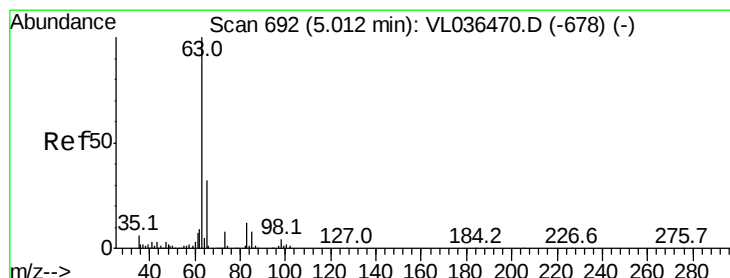
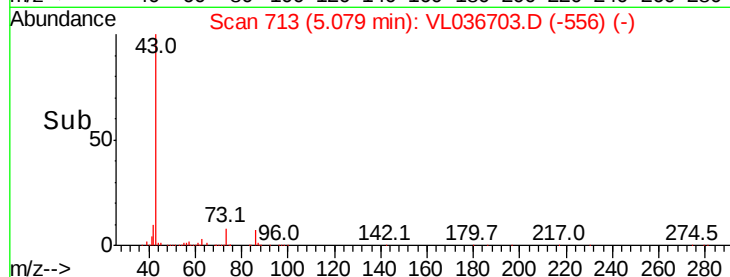
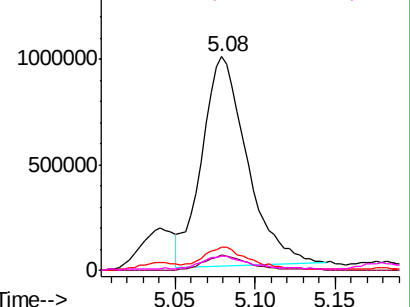


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.134 ppbv

RT: 5.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

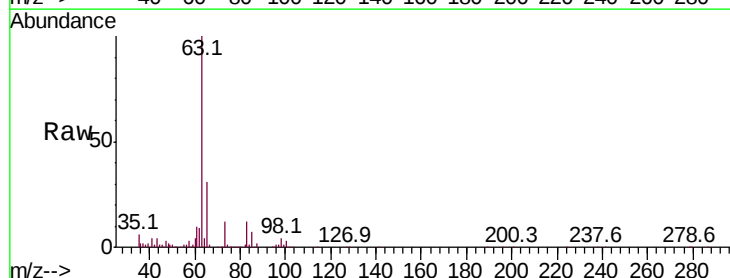
Tgt Ion: 63 Resp: 1494256

Ion Ratio Lower Upper

63 100

98 4.0 2.1 6.2

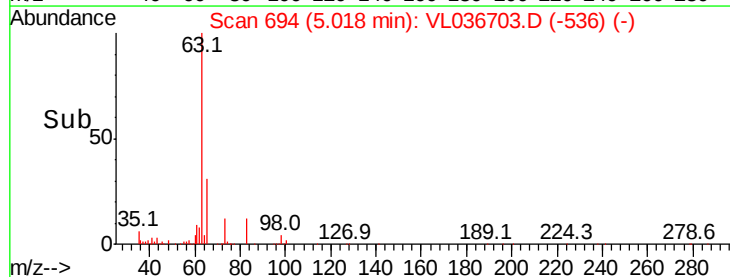
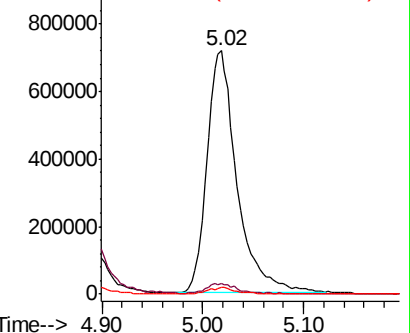
100 2.7 0.9 2.8

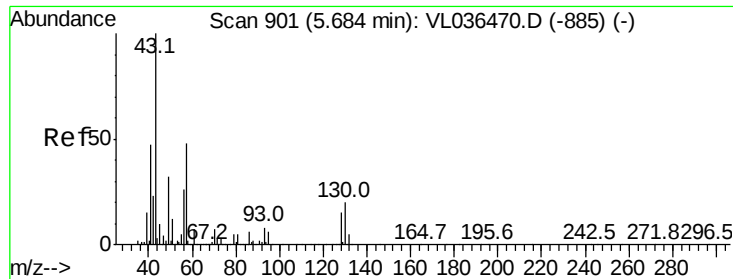


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





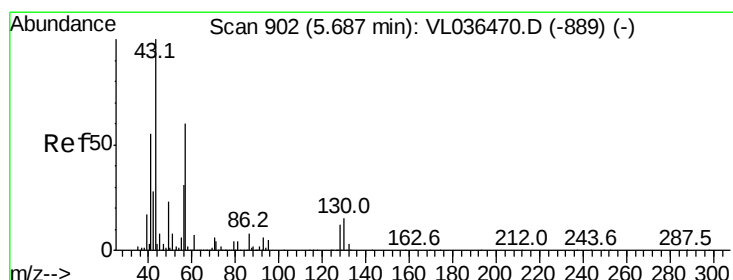
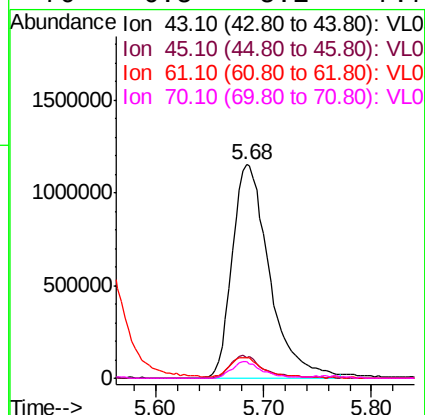
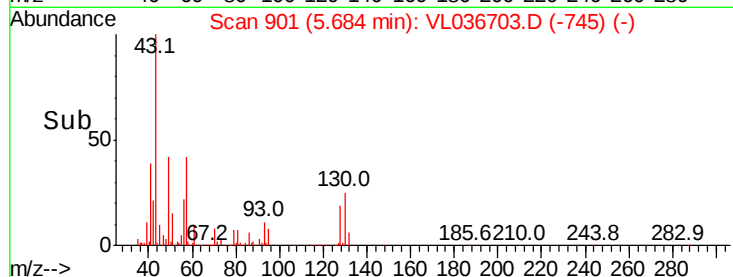
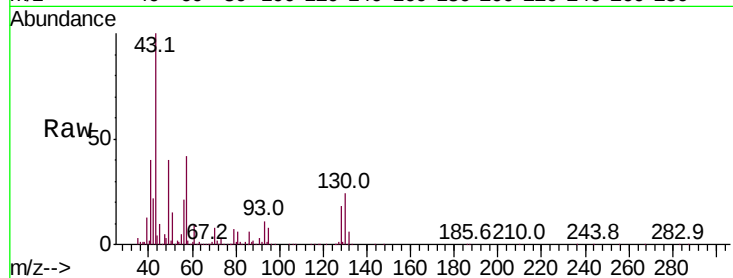
#25
Ethyl Acetate
Concen: 8.842 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.9	11.9
61	9.3	7.4	11.2
70	6.5	5.1	7.7

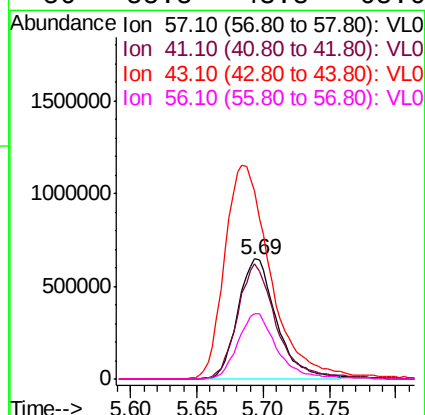
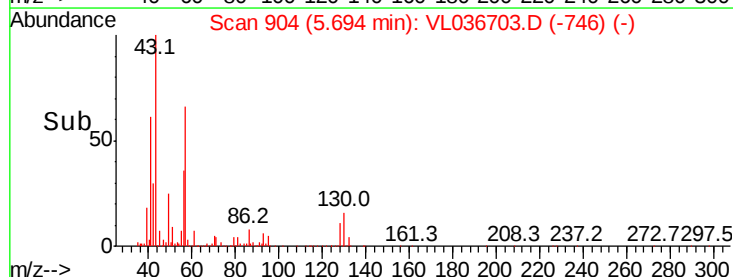
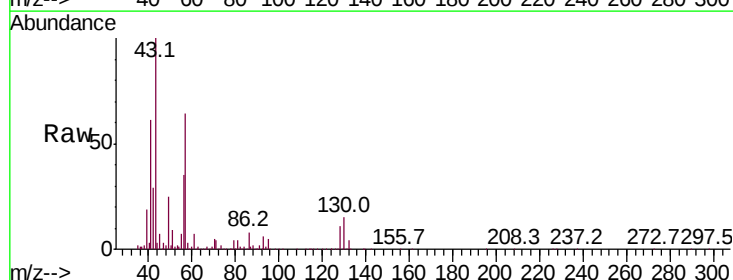
Manual Integrations
APPROVED

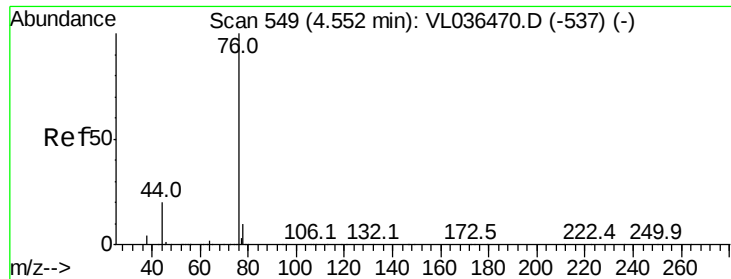
MMDadoda
4/12/2021 11:10:56 AM



#26
Hexane
Concen: 9.094 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
57	100		
41	97.2	77.2	115.8
43	213.3	173.8	260.6
56	55.5	43.8	65.6





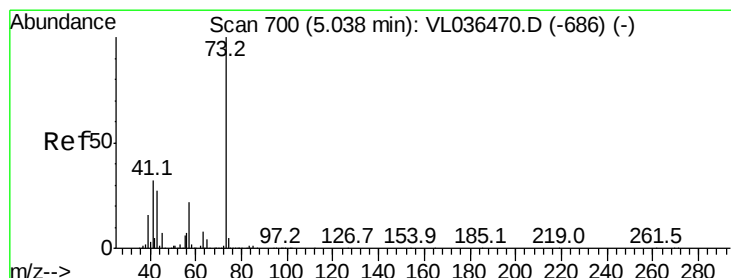
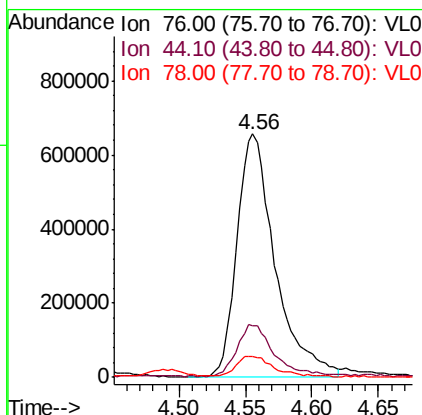
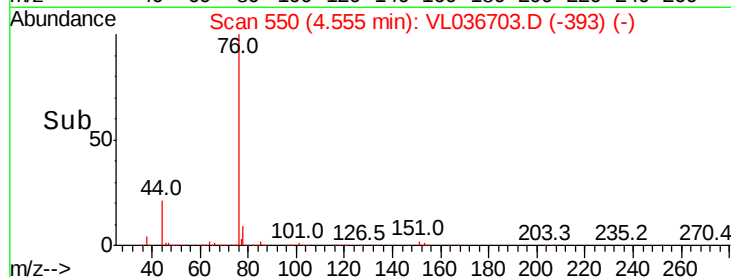
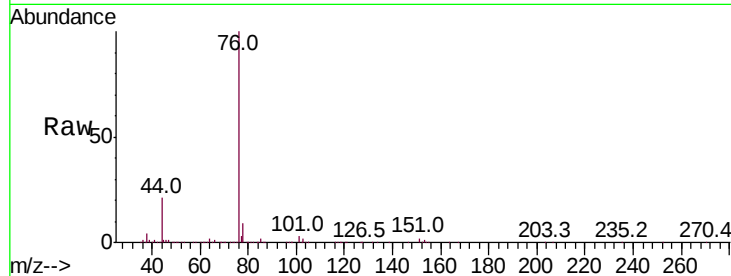
#27
Carbon Disulfide
Concen: 9.218 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion: 76 Resp: 1314604
Ion Ratio Lower Upper
76 100
44 21.3 17.5 26.3
78 9.5 8.6 13.0

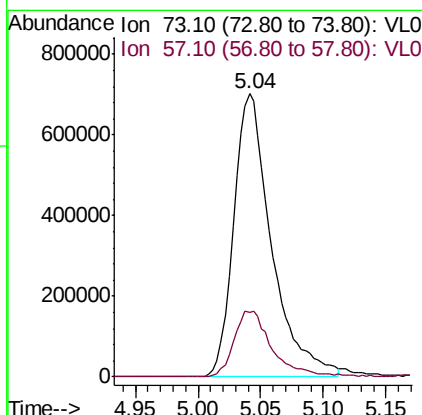
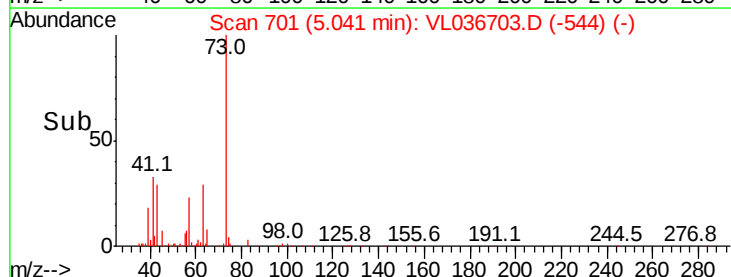
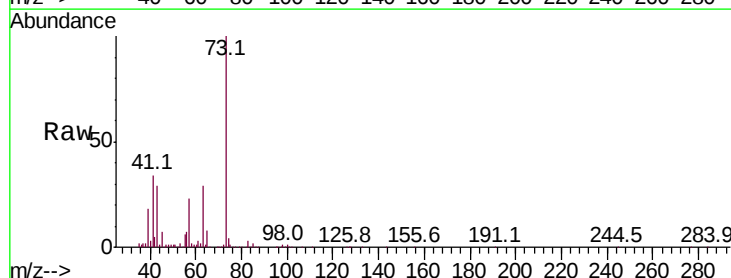
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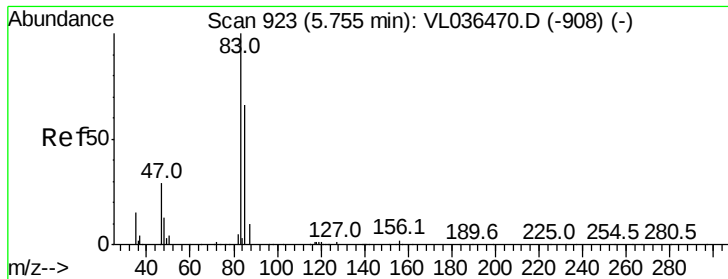
MMDadoda
4/12/2021 11:10:56 AM



#28
Methyl tert-Butyl Ether
Concen: 8.586 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion: 73 Resp: 1465826
Ion Ratio Lower Upper
73 100
57 23.8 18.5 27.7





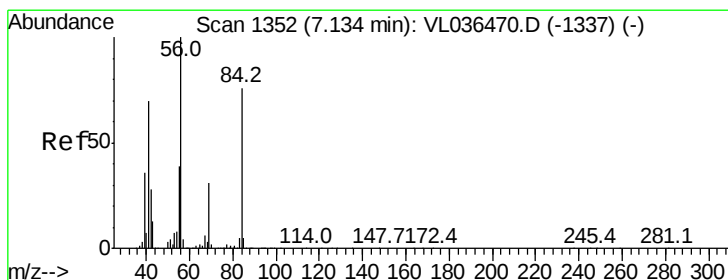
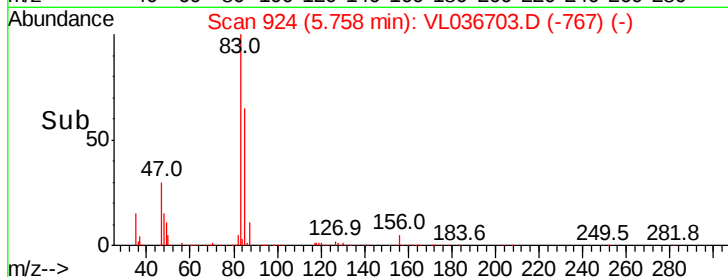
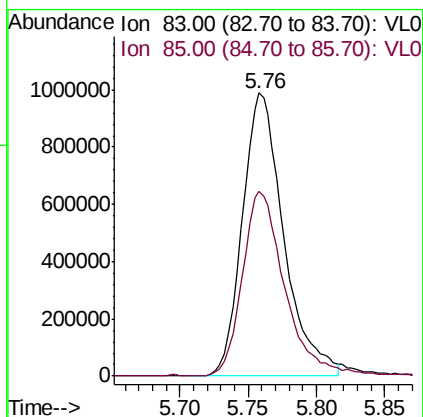
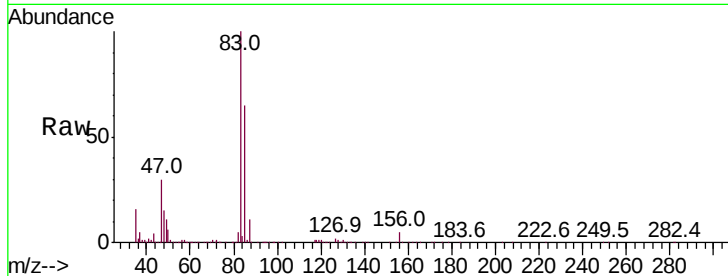
#29
Chloroform
Concen: 9.006 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion: 83 Resp: 2085084
Ion Ratio Lower Upper
83 100
85 65.0 52.6 78.8

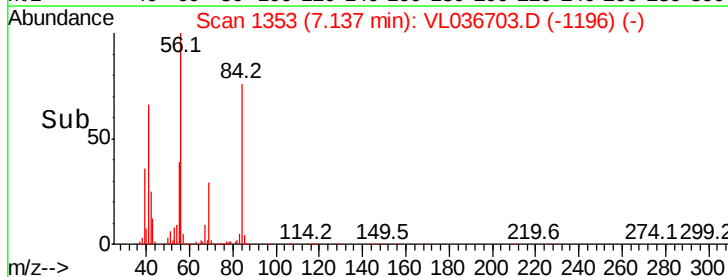
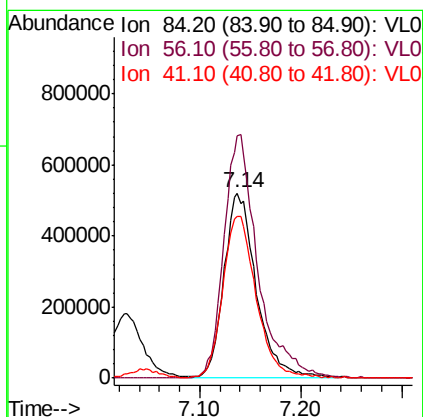
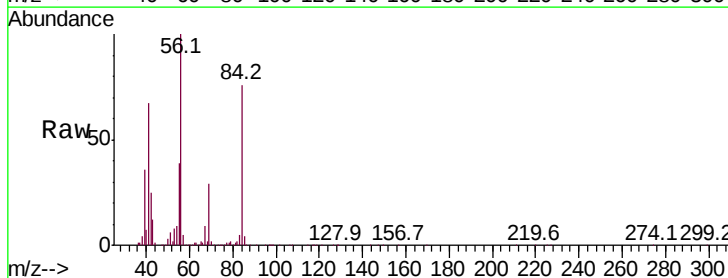
Manual Integrations
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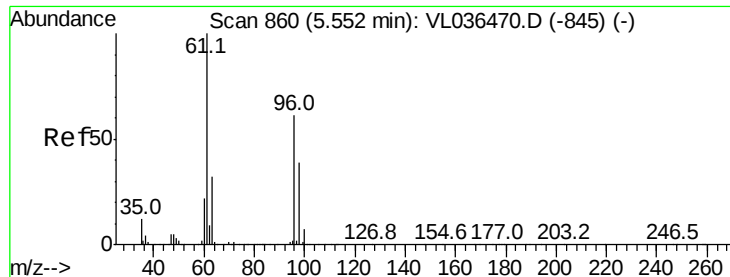
MMDadoda
4/12/2021 11:10:56 AM



#30
Cyclohexane
Concen: 9.795 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion: 84 Resp: 1150011
Ion Ratio Lower Upper
84 100
56 140.3 114.6 171.8
41 90.8 75.3 112.9





#31

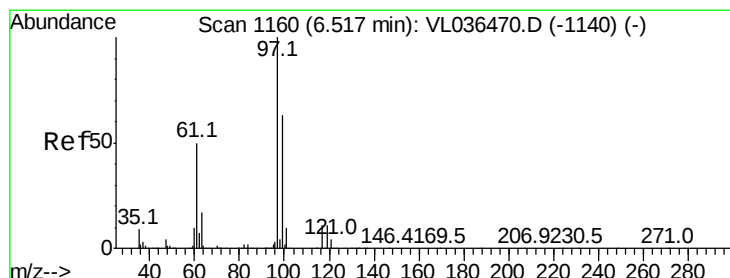
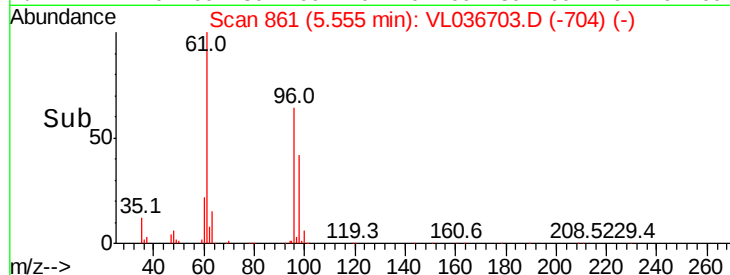
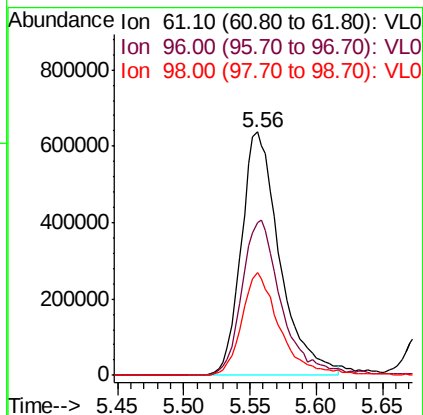
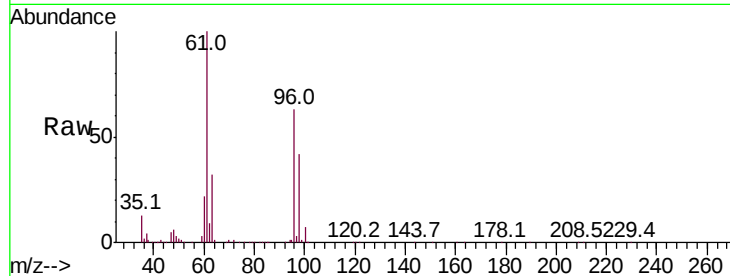
cis-1,2-Dichloroethene
Concen: 9.199 ppbv
RT: 5.56 min Scan# 861
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion	Ratio	Lower	Upper
61	100		
96	62.7	48.7	73.1
98	41.9	31.4	47.0

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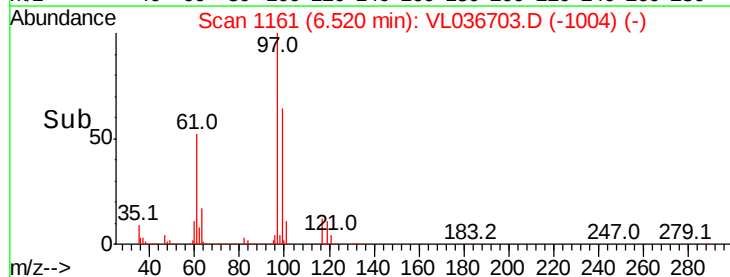
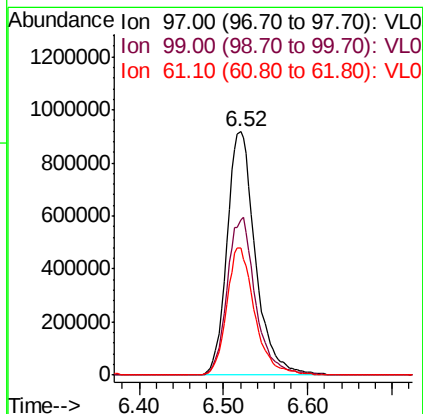
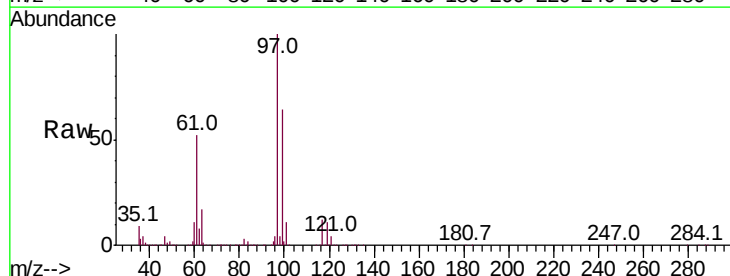
MMDadoda
4/12/2021 11:10:56 AM

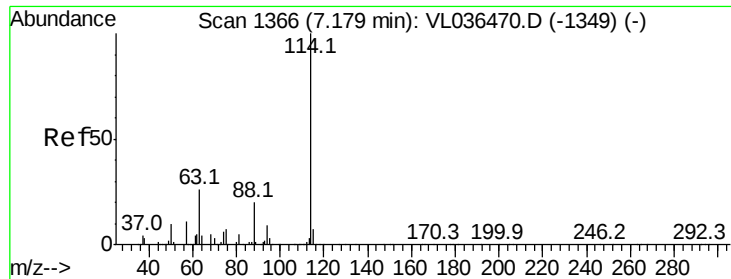


#32

1,1,1-Trichloroethane
Concen: 9.184 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	51.4	40.6	60.8





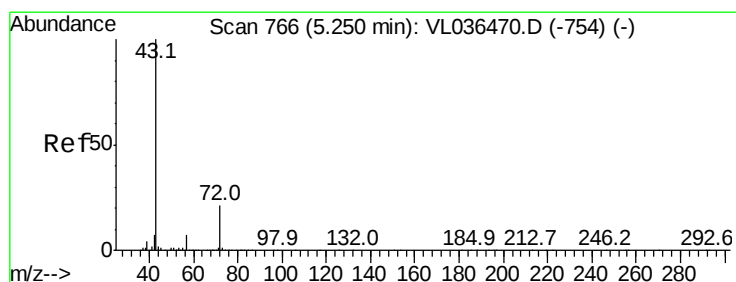
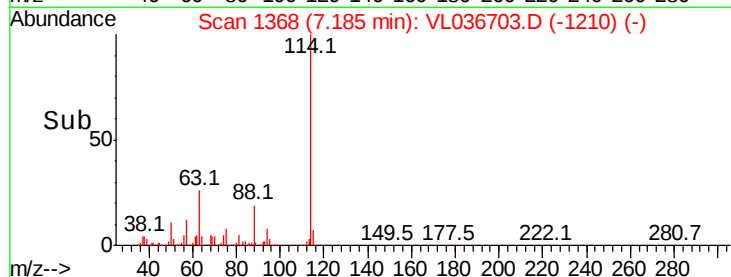
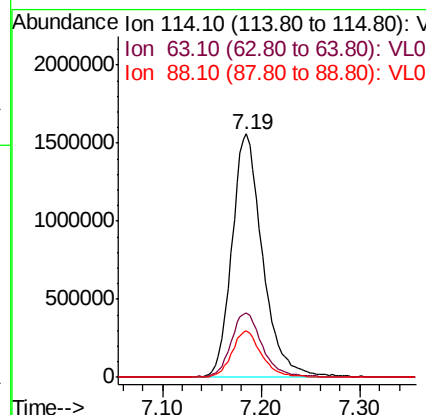
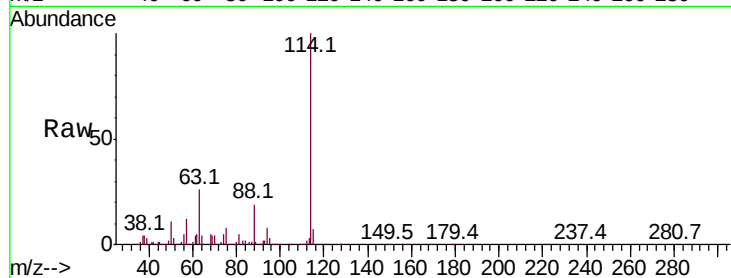
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABS01

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.4	33.6
88	18.7	15.4	23.0

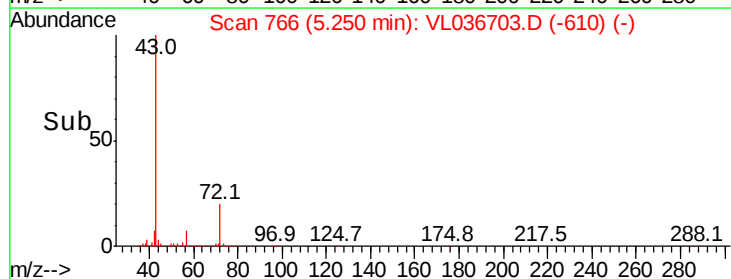
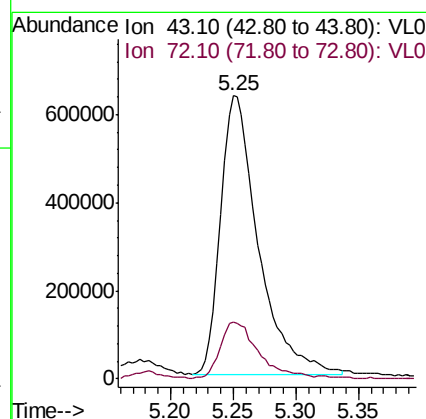
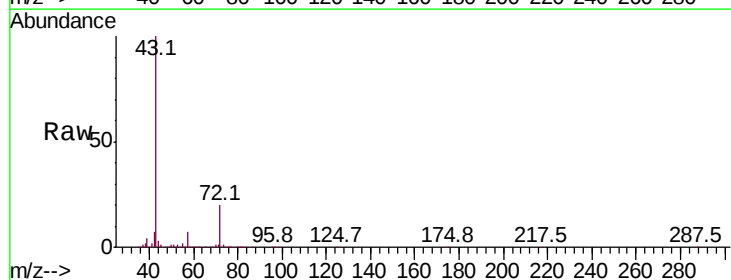
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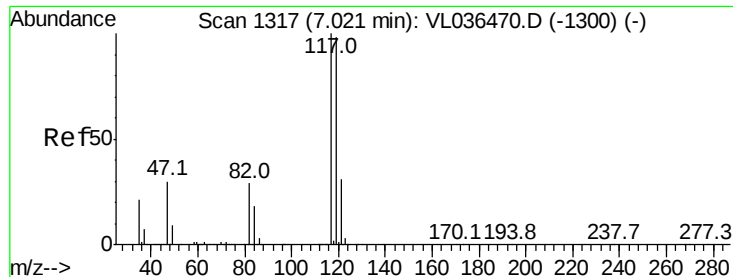
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#34
 2-Butanone
 Concen: 8.012 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.5	17.0	25.6





#35

Carbon Tetrachloride

Concen: 8.695 ppbv

RT: 7.03 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

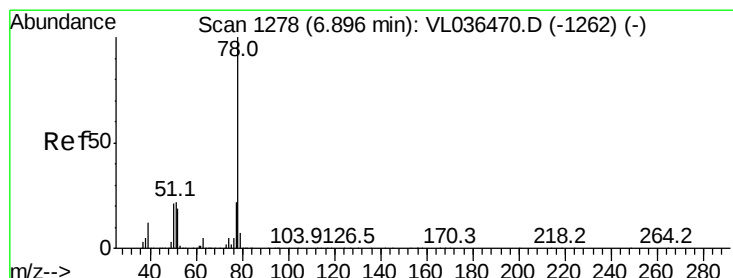
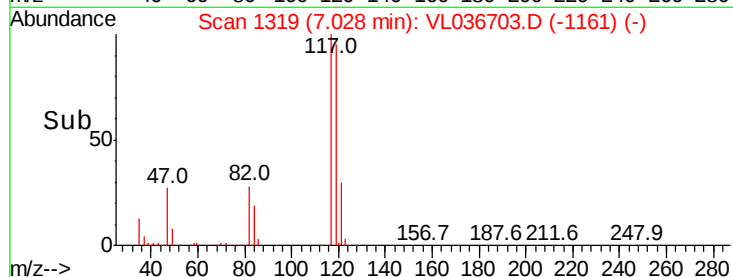
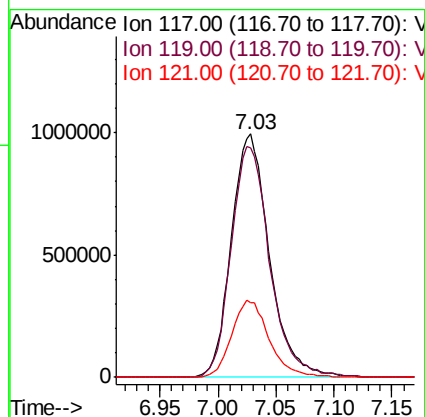
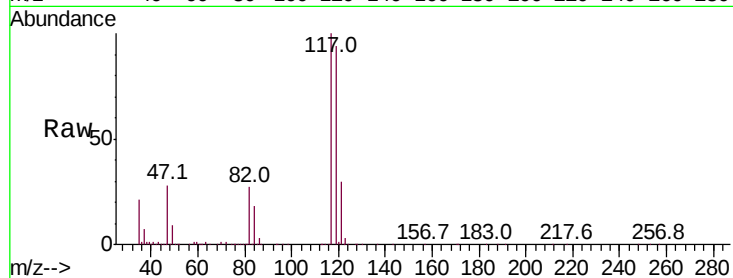
ClientSampleId :

VL0406ABS01

Tot Ion:	117	Resp:	2262291
Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.2	117.2
121	30.3	24.5	36.7

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#36

Benzene

Concen: 8.928 ppbv

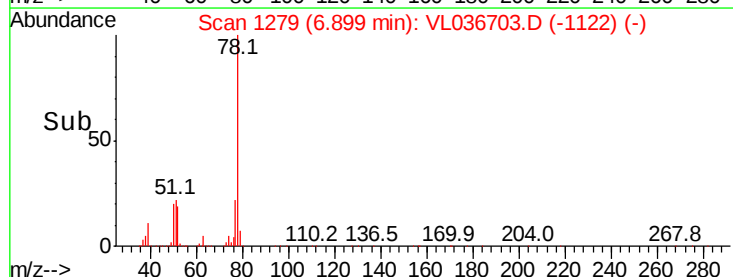
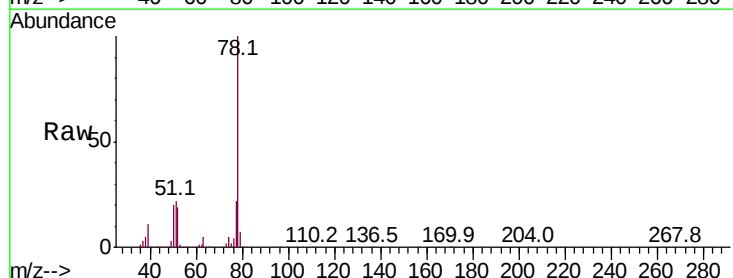
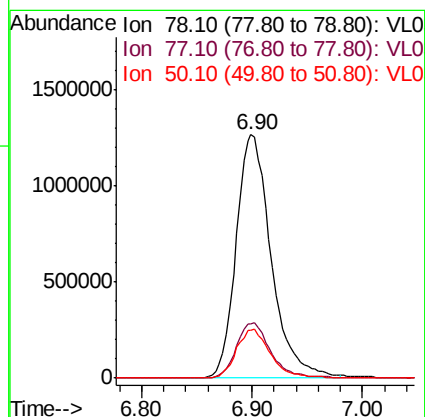
RT: 6.90 min Scan# 1279

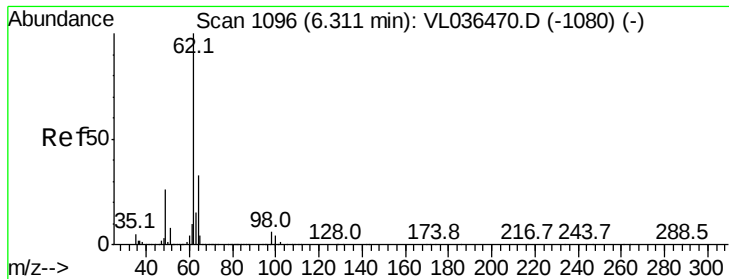
Delta R.T. 0.00 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Tgt Ion:	78	Resp:	2789246
Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.0	27.0
50	19.8	16.5	24.7





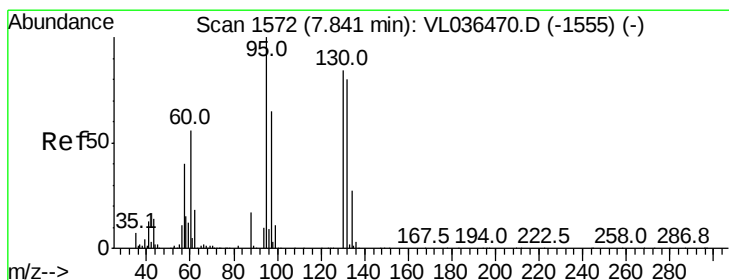
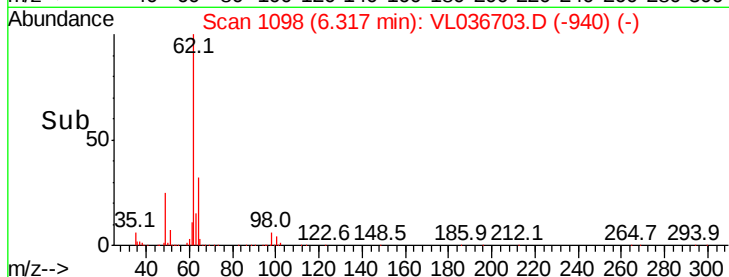
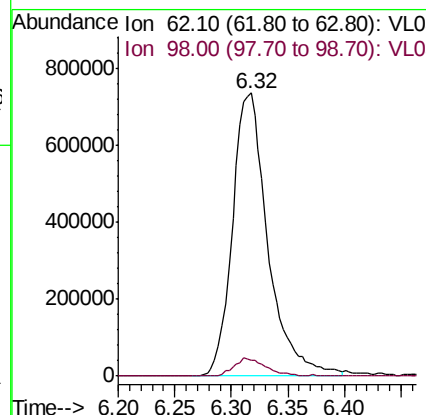
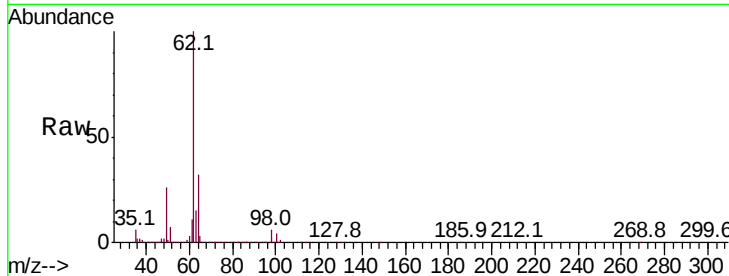
#37
 1,2-Dichloroethane
 Concen: 8.726 ppbv
 RT: 6.32 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABS01

Tot Ion: 62 Resp: 1604567
 Ion Ratio Lower Upper
 62 100
 98 6.1 4.9 7.3

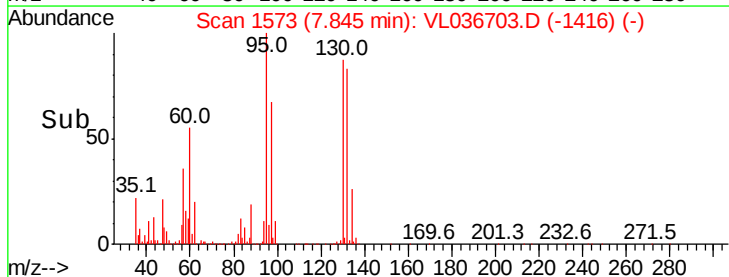
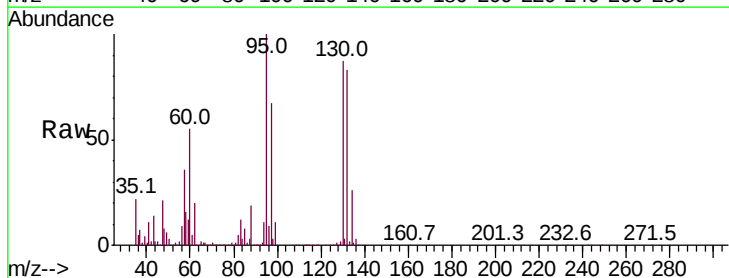
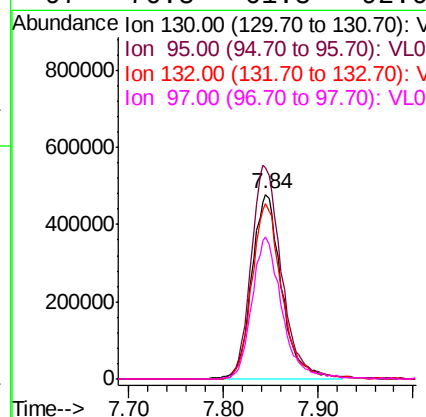
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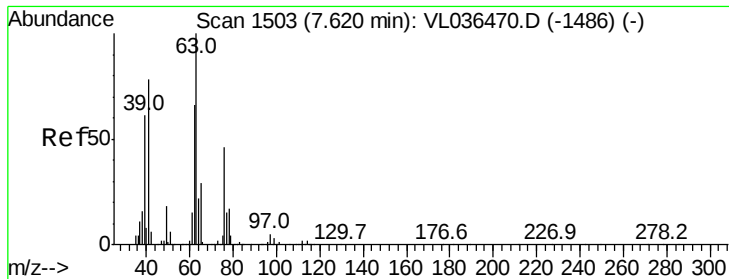
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#38
 Trichloroethene
 Concen: 8.630 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Tgt Ion: 130 Resp: 1049207
 Ion Ratio Lower Upper
 130 100
 95 114.6 95.7 143.5
 132 94.9 76.2 114.4
 97 76.8 61.8 92.6





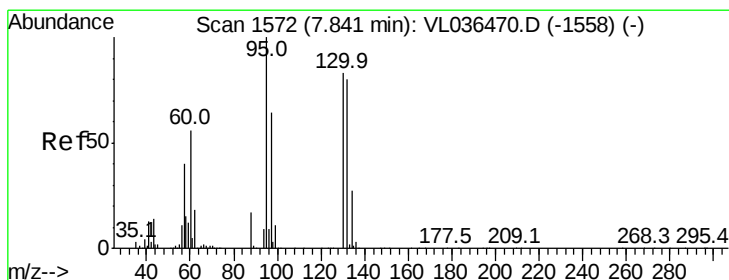
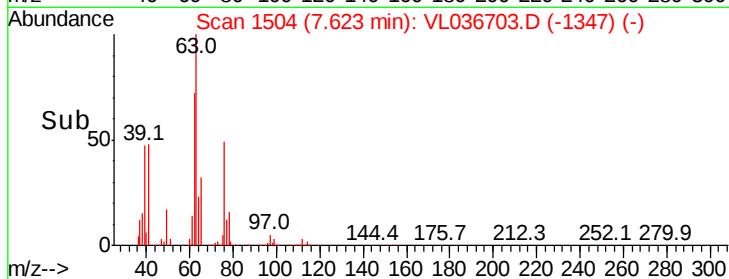
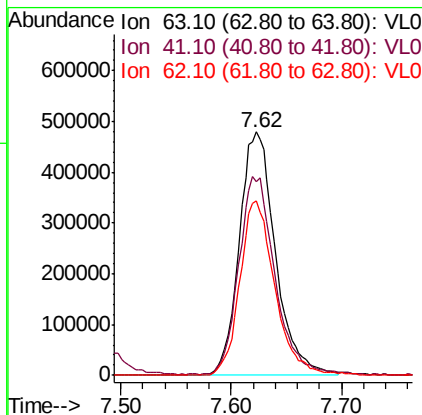
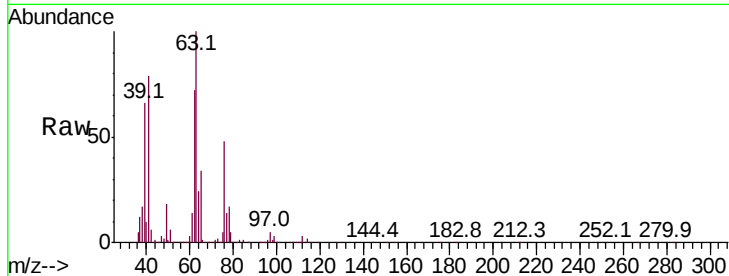
#39
 1,2-Dichloropropane
 Concen: 8.579 ppbv
 RT: 7.62 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABS01

Tot Ion: 63 Resp: 1087190
 Ion Ratio Lower Upper
 63 100
 41 78.9 62.4 93.6
 62 71.8 52.8 79.2

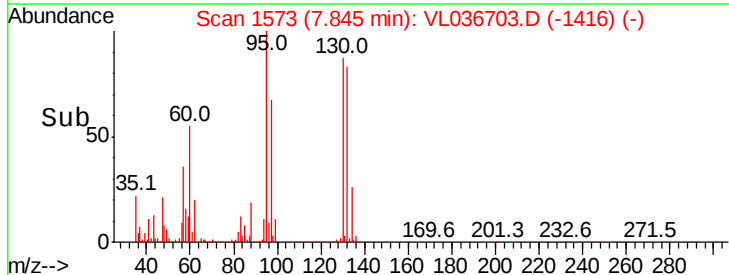
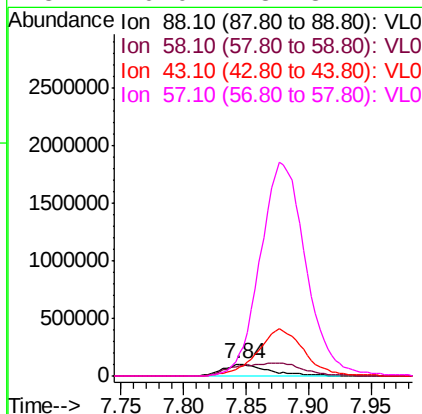
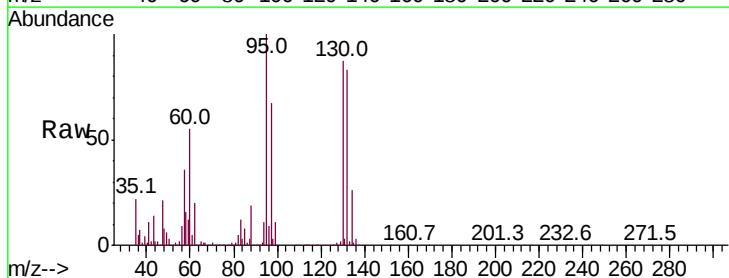
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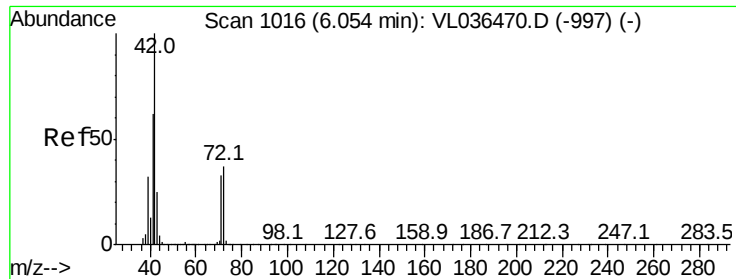
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#40
 1,4-Dioxane
 Concen: 8.872 ppbv m
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Tgt Ion: 88 Resp: 261694
 Ion Ratio Lower Upper
 88 100
 58 0.0 134.1 201.1#
 43 0.0 346.6 520.0#
 57 0.0 1481.8 2222.8#





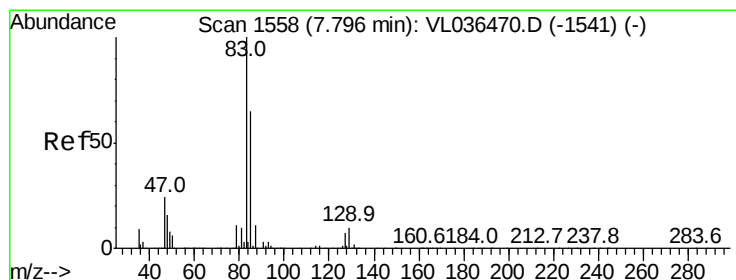
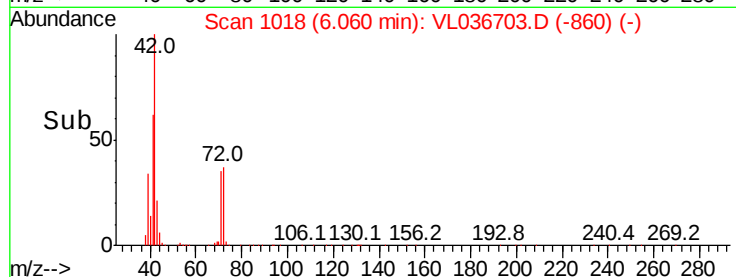
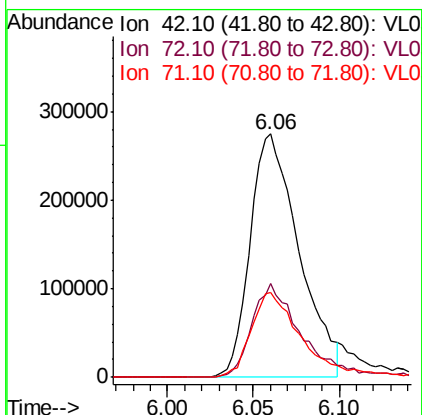
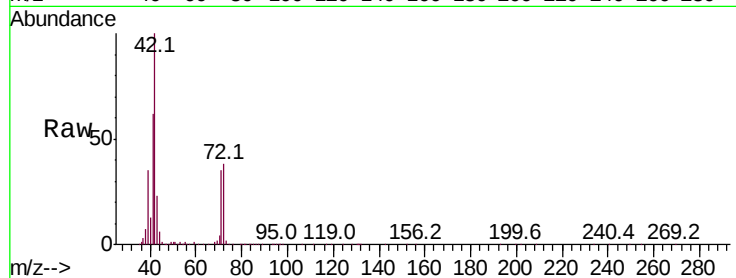
#41
Tetrahydrofuran
Concen: 7.091 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	40.0		27.6	41.4
71	36.8		27.0	40.4

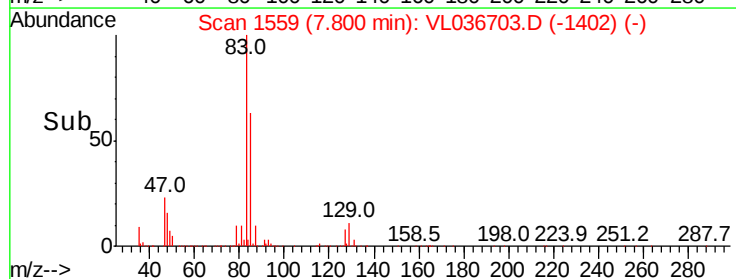
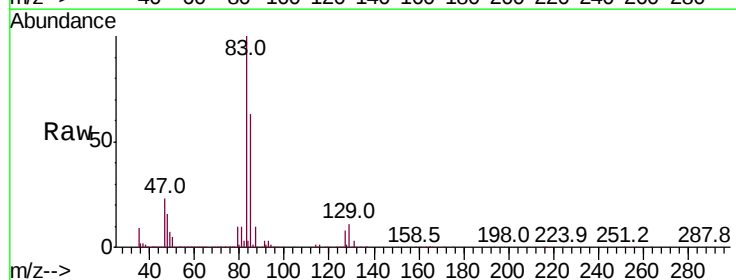
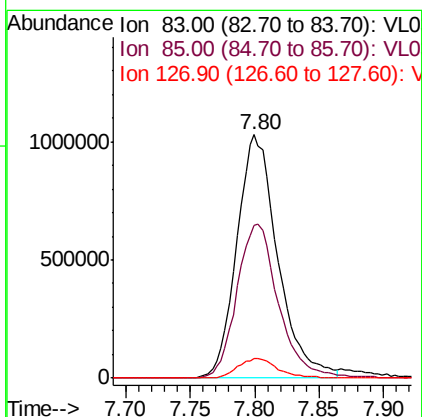
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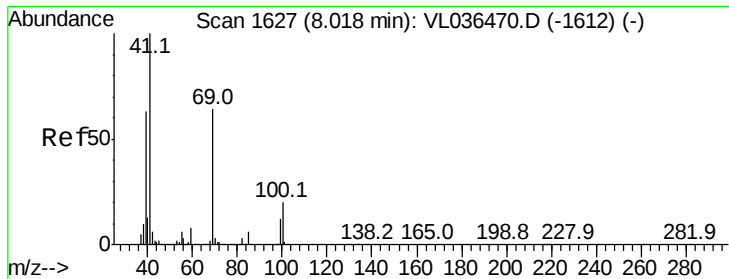
MMDadoda
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#42
Bromodichloromethane
Concen: 9.106 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.5		51.8	77.6
127	8.2		5.8	8.8





#43

Methvl Methacrylate

Concen: 9.795 ppbv

RT: 8.02 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L

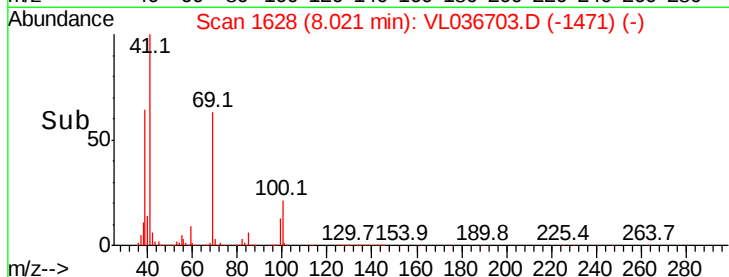
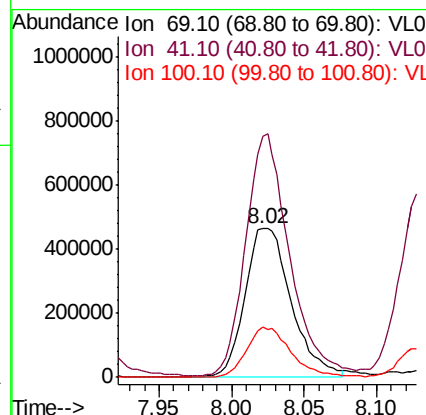
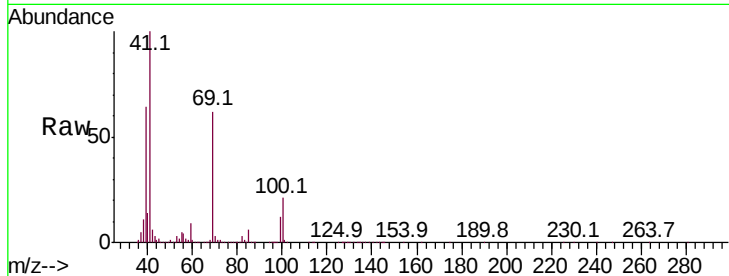
ClientSampleId :
VL0406ABS01

Tot Ion: 69 Resp: 1027587

Ion	Ratio	Lower	Upper
69	100		
41	156.4	126.8	190.2
100	32.5	24.9	37.3

Manual Integrations
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4/12/2021 11:10:56 AM



#44

2,2,4-Trimethylpentane

Concen: 8.613 ppbv

RT: 7.88 min Scan# 1583

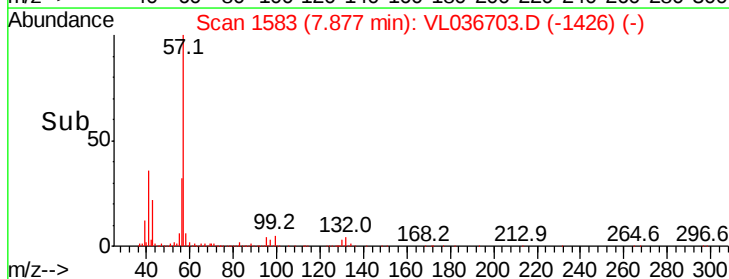
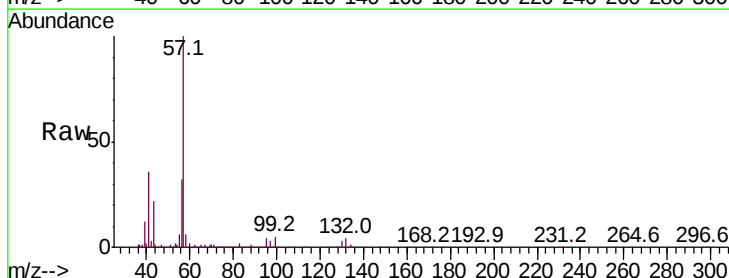
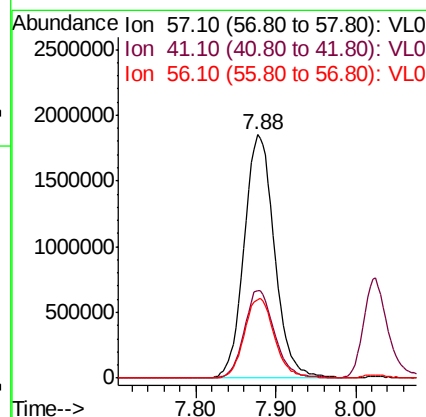
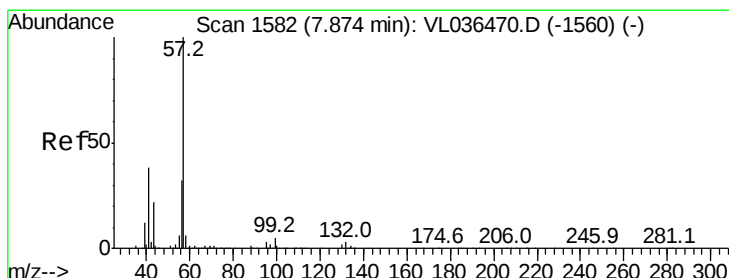
Delta R.T. 0.00 min

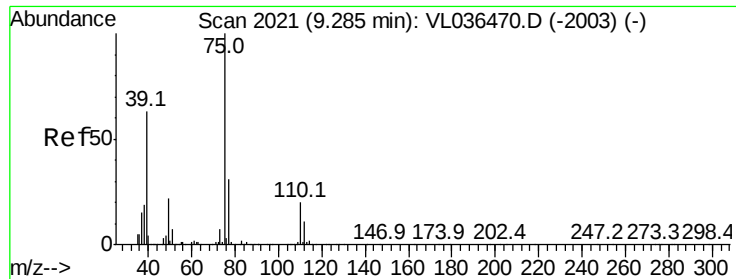
Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Tgt Ion: 57 Resp: 4736095

Ion	Ratio	Lower	Upper
57	100		
41	35.6	28.8	43.2
56	32.6	26.1	39.1





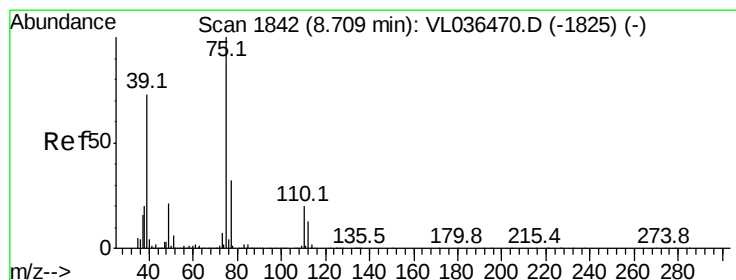
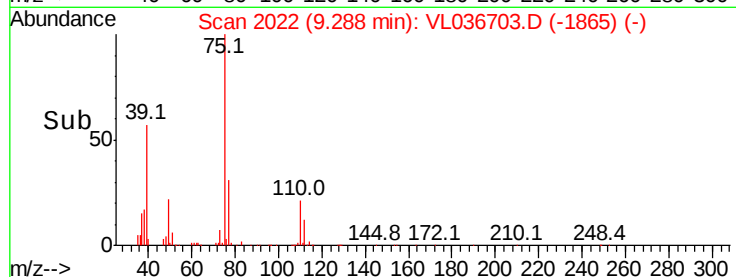
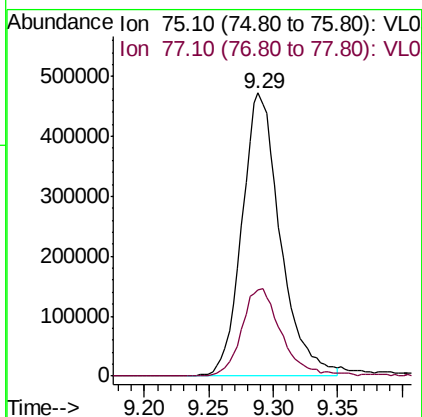
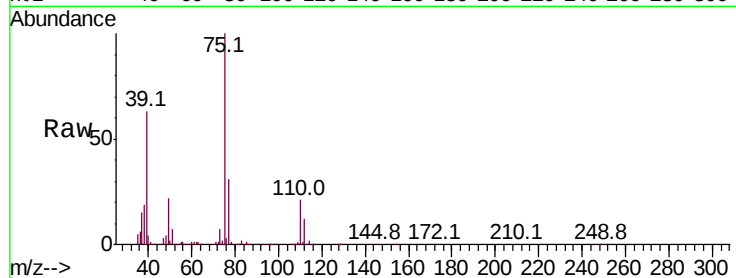
#45
t-1,3-Dichloropropene
Concen: 8.144 ppbv
RT: 9.29 min Scan# 2022
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion: 75 Resp: 975626
Ion Ratio Lower Upper
75 100
77 30.7 25.1 37.7

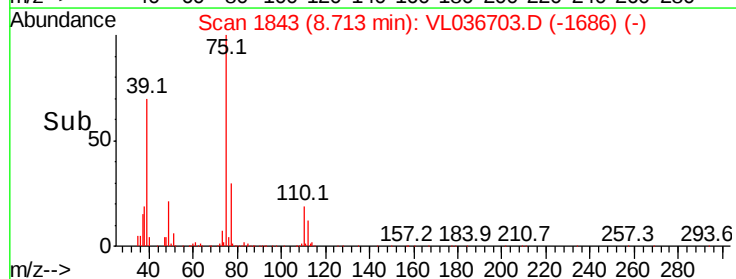
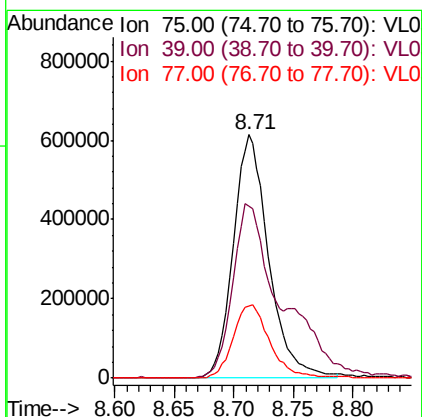
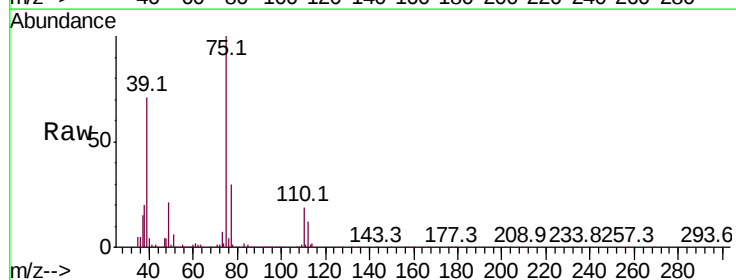
Manual Integrations
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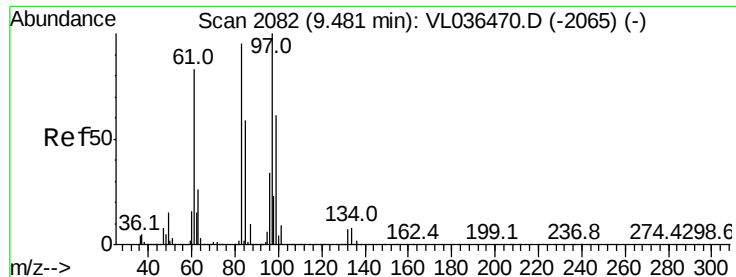
MMDadoda
4/12/2021 11:10:56 AM



#46
cis-1,3-Dichloropropene
Concen: 8.260 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion: 75 Resp: 1264774
Ion Ratio Lower Upper
75 100
39 70.4 58.2 87.2
77 29.6 25.2 37.8





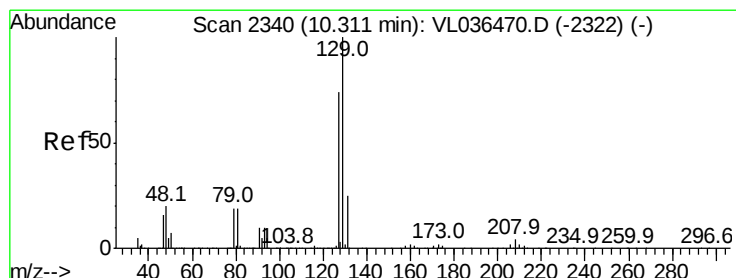
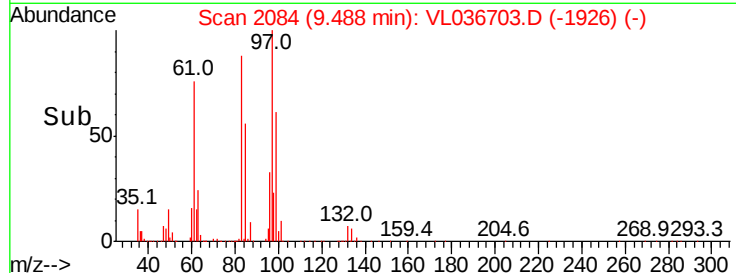
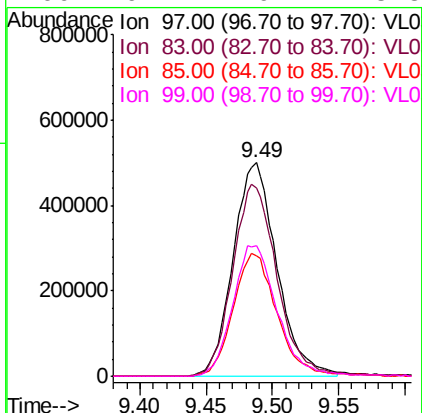
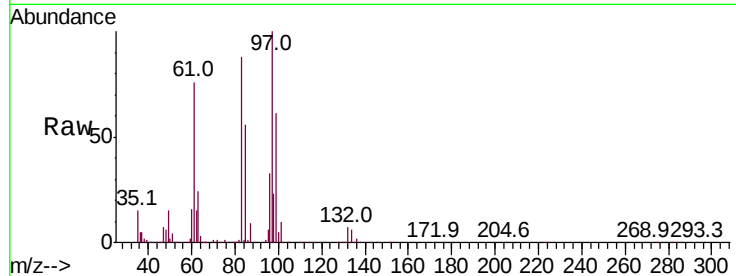
#47
 1,1,2-Trichloroethane
 Concen: 8.911 ppbv
 RT: 9.49 min Scan# 2084
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.2	75.8	113.8
85	56.2	47.1	70.7
99	61.2	49.2	73.8

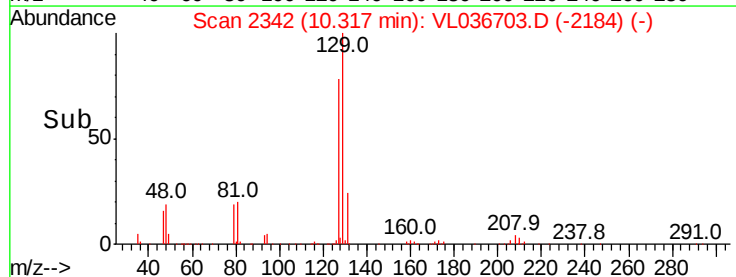
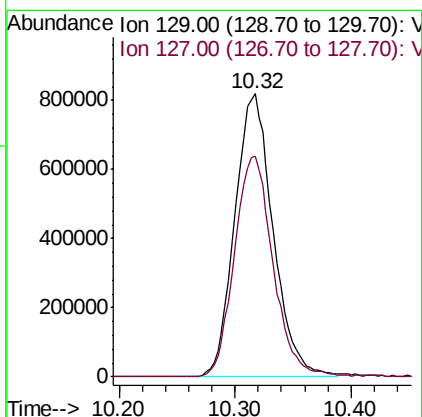
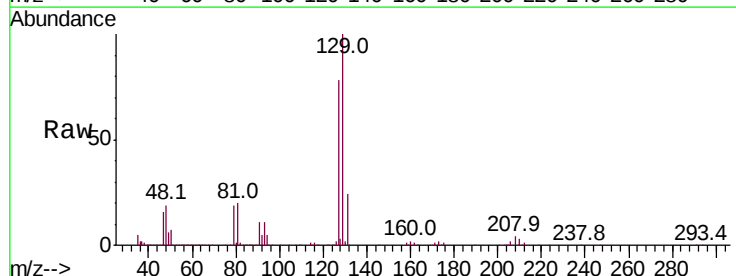
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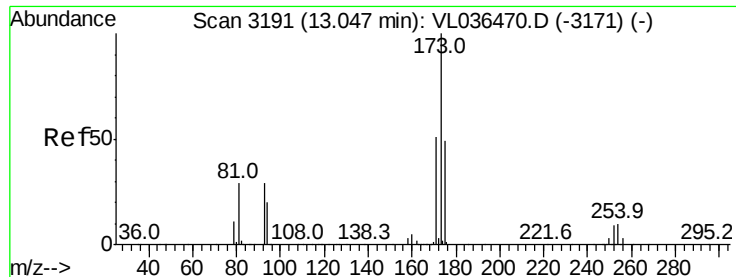
MMDadoda
 4/12/2021 11:10:56 AM



#48
 Dibromochloromethane
 Concen: 9.579 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.6	118.8





#49

Bromoform

Concen: 9.915 ppbv

RT: 13.05 min Scan# 3193

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion:173 Resp: 1563254

Ion Ratio Lower Upper

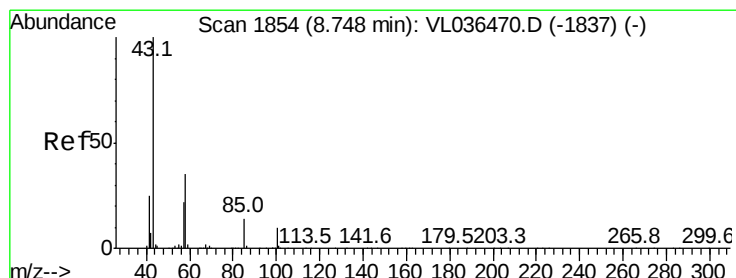
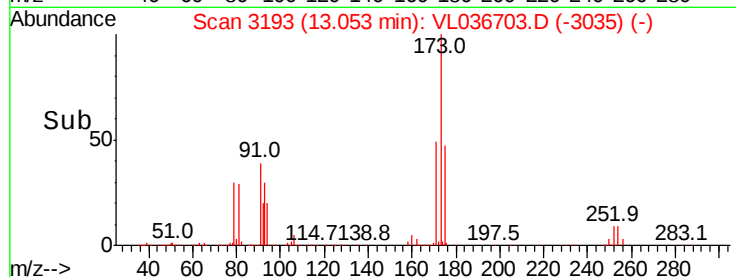
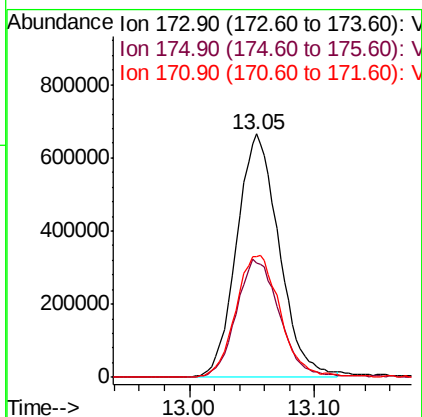
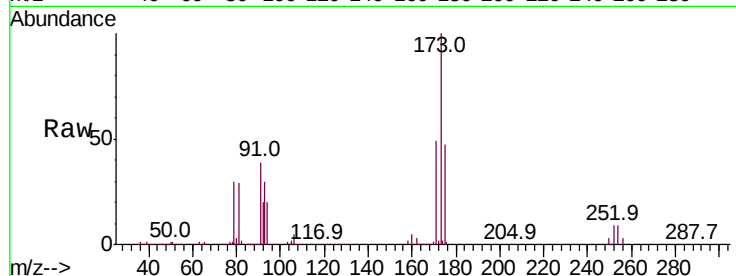
173 100

175 50.2 39.6 59.4

171 53.5 41.4 62.0

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4/12/2021 11:10:56 AM



#50

4-Methyl-2-Pentanone

Concen: 8.226 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL036703.D

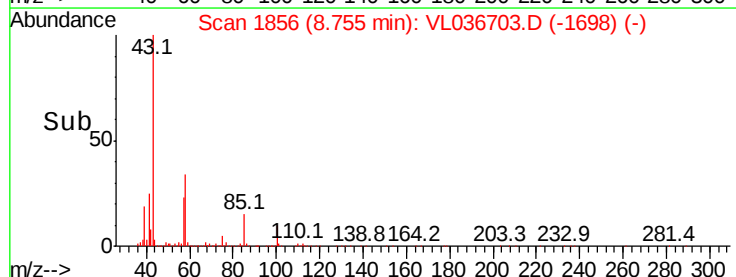
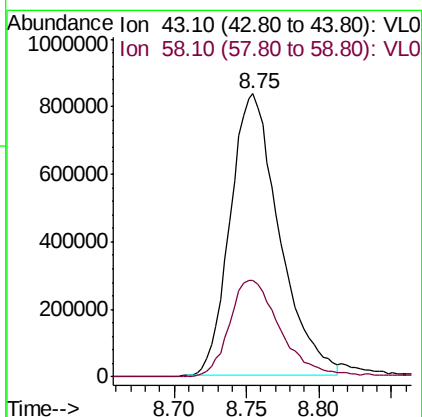
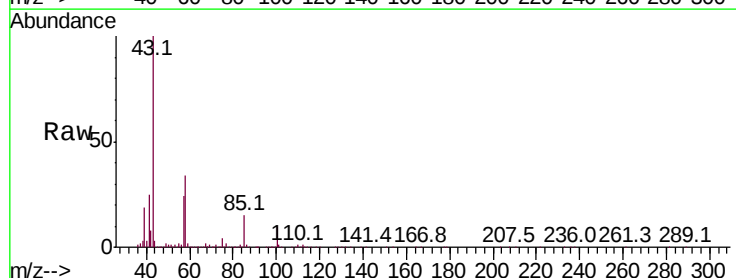
Acq: 6 Apr 2021 17:54

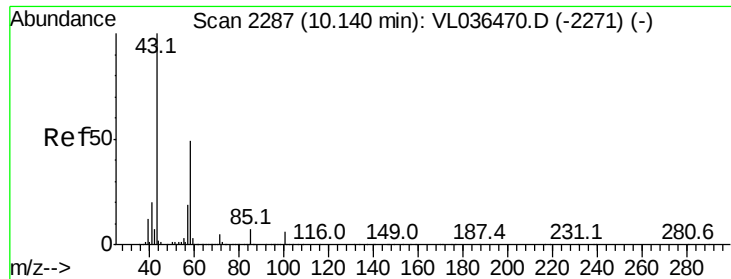
Tgt Ion: 43 Resp: 1968165

Ion Ratio Lower Upper

43 100

58 36.1 28.2 42.2





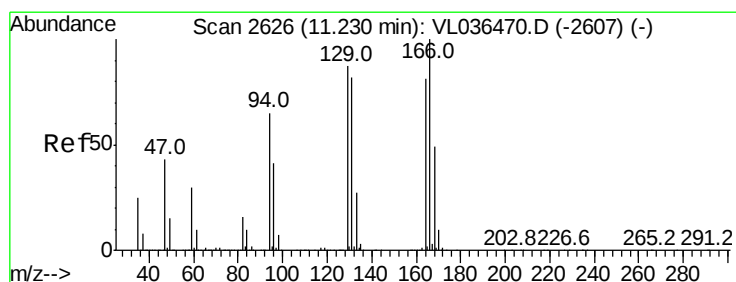
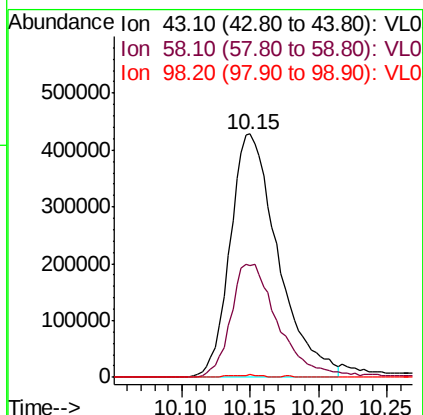
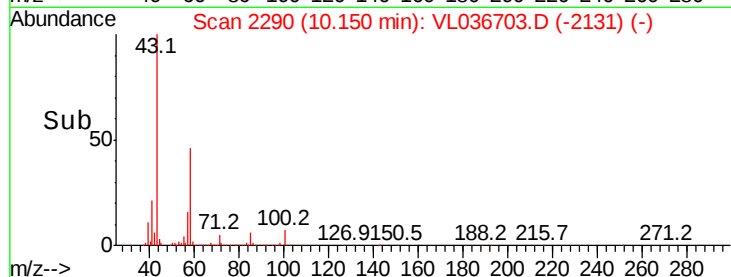
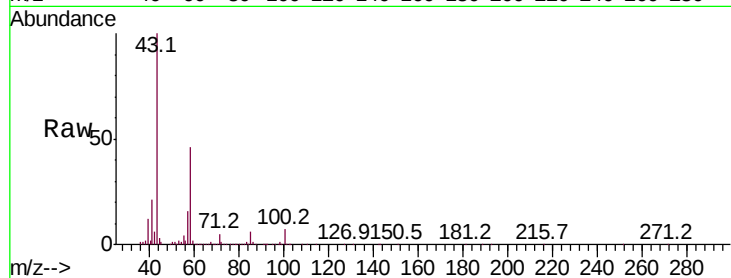
#51
2-Hexanone
Concen: 8.621 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion: 43 Resp: 1040924
Ion Ratio Lower Upper
43 100
58 47.3 37.7 56.5
98 0.7 0.2 0.2#

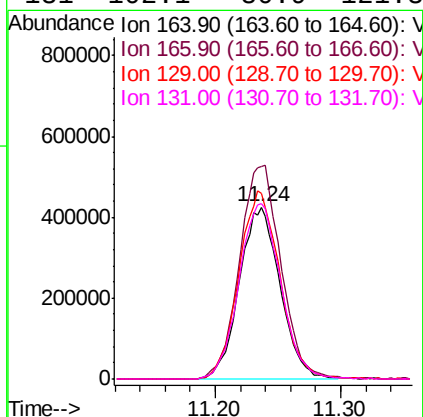
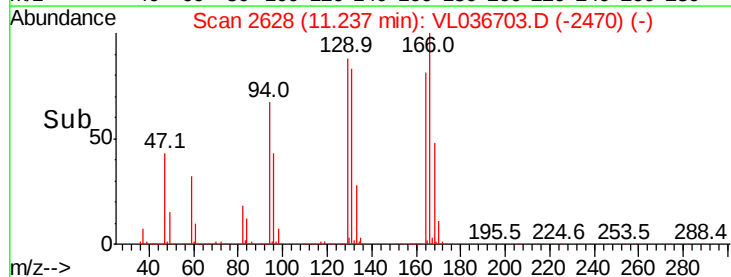
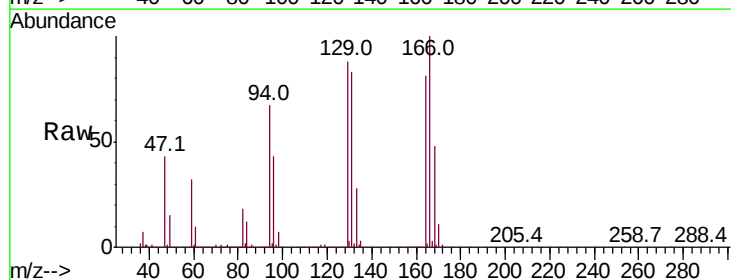
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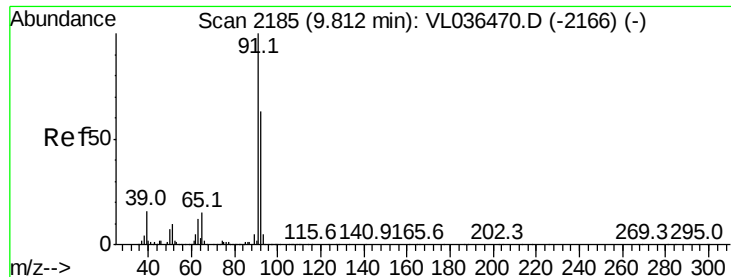
MMDadoda
4/12/2021 11:10:56 AM



#52
Tetrachloroethene
Concen: 8.319 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion: 164 Resp: 957051
Ion Ratio Lower Upper
164 100
166 123.5 98.3 147.5
129 108.1 85.8 128.8
131 102.1 80.9 121.3





#53

Toluene

Concen: 9.371 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion: 91 Resp: 3117839

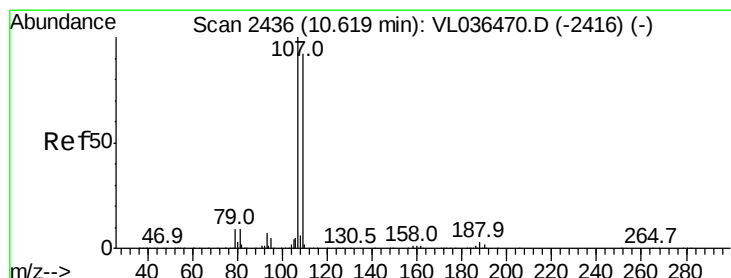
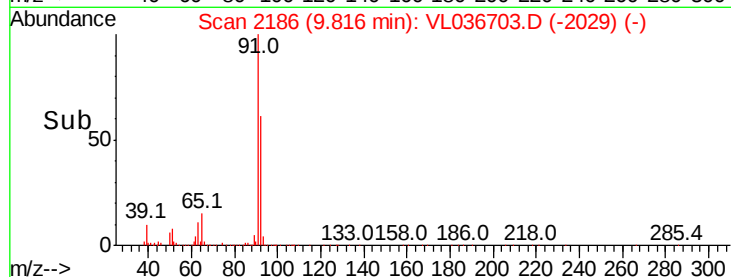
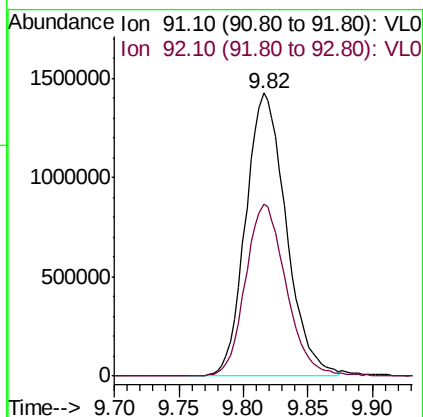
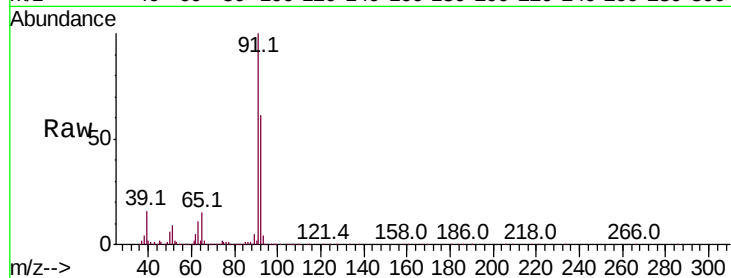
Ion Ratio Lower Upper

91 100

92 61.7 48.8 73.2

Manual Integrations
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#54

1,2-Dibromoethane

Concen: 8.872 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VL036703.D

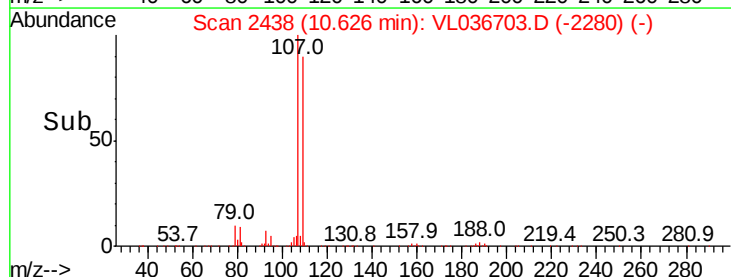
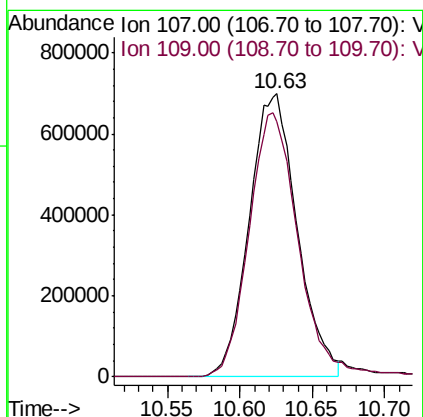
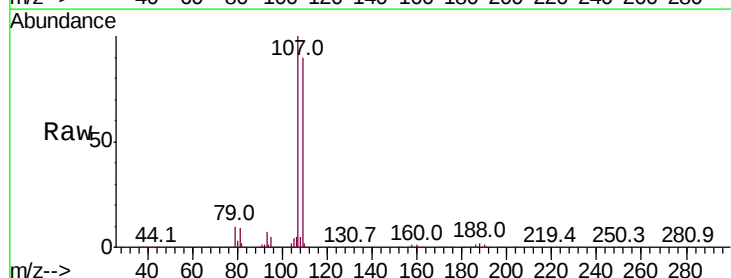
Acq: 6 Apr 2021 17:54

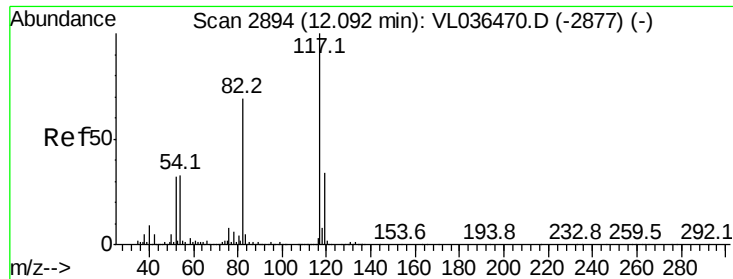
Tgt Ion: 107 Resp: 1608350

Ion Ratio Lower Upper

107 100

109 90.1 73.9 110.9





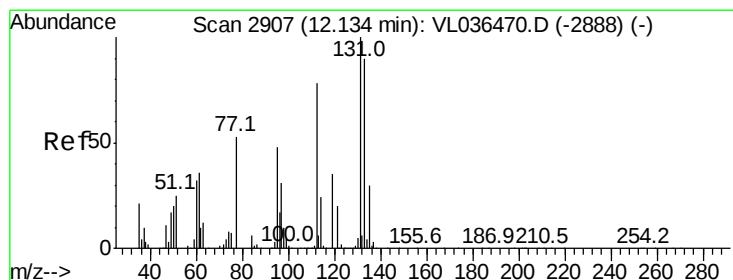
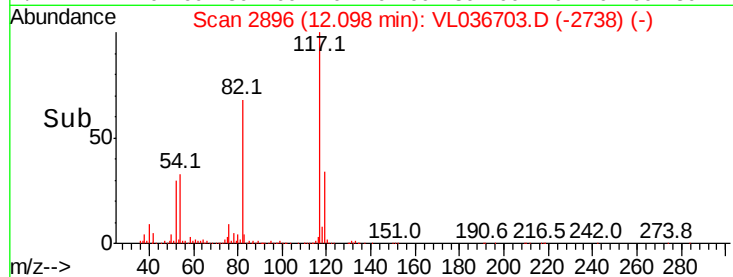
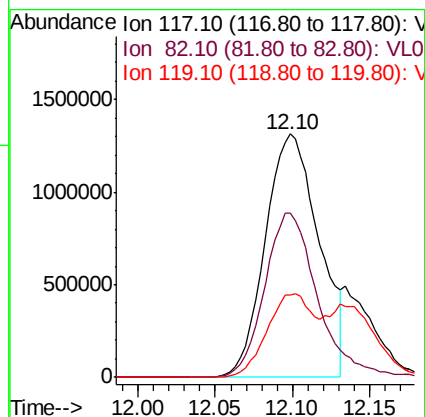
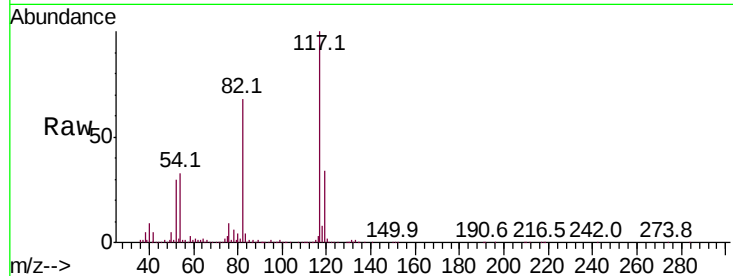
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.8	57.4	86.0
119	33.9	47.4	71.0#

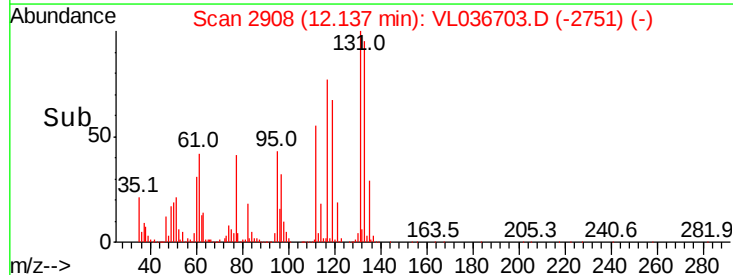
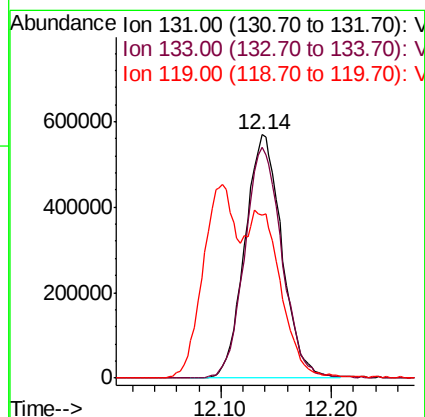
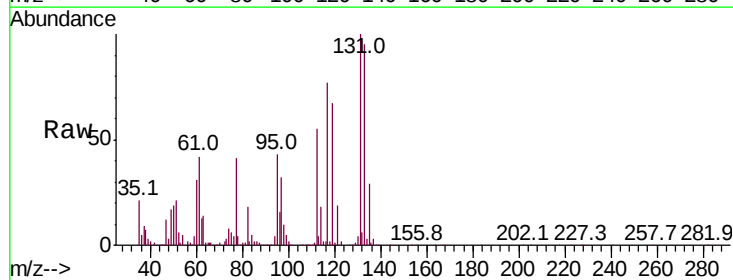
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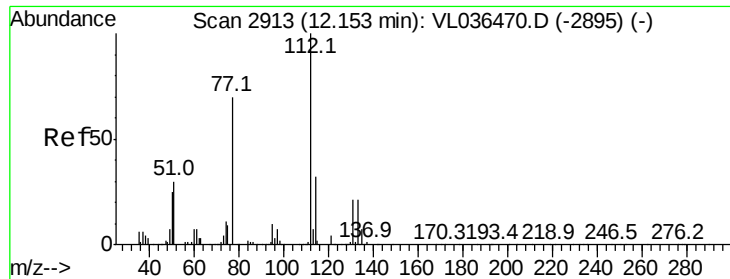
MMDadoda
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.157 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	75.8	113.6
119	61.4	48.7	73.1





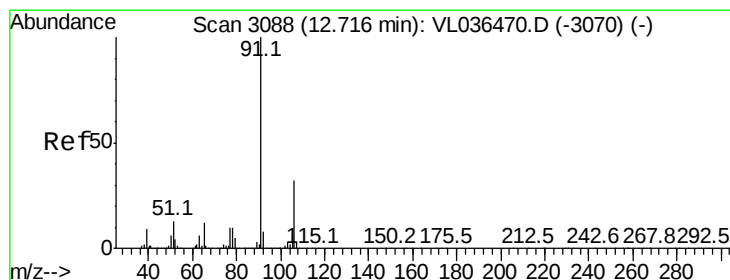
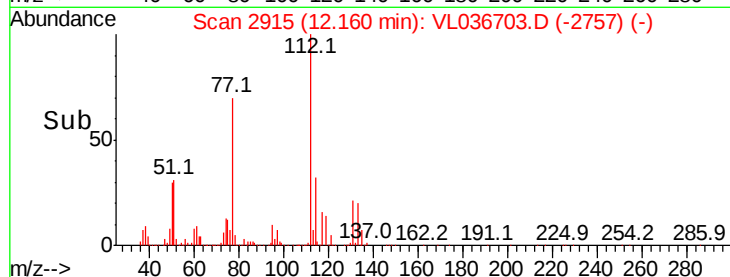
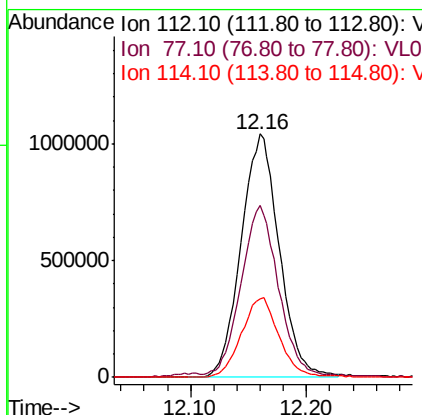
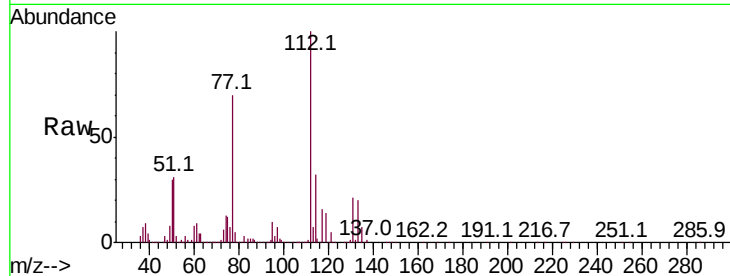
#57
Chlorobenzene
Concen: 8.777 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion	Ratio	Lower	Upper
112	100		
77	69.5	56.0	84.0
114	32.4	29.0	35.4

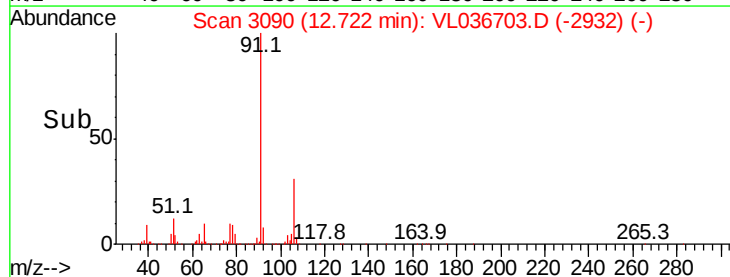
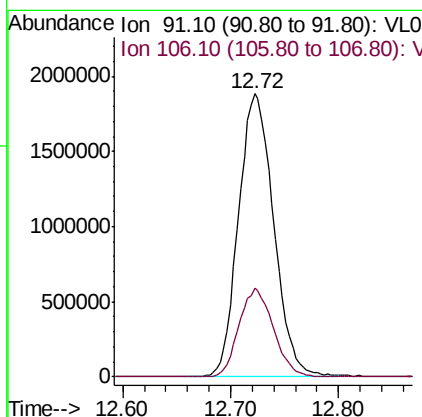
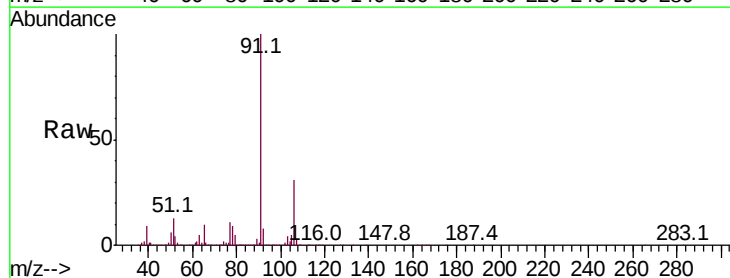
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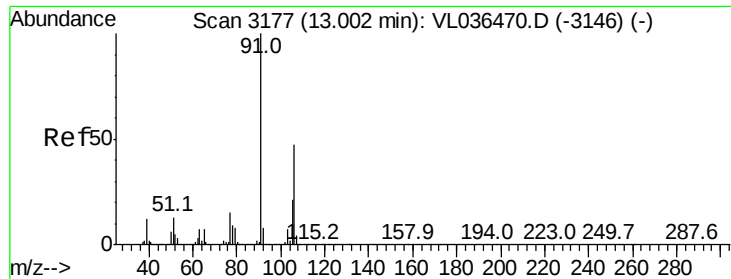
MMDadoda
4/12/2021 11:10:56 AM



#58
Ethyl Benzene
Concen: 9.203 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.3	37.9





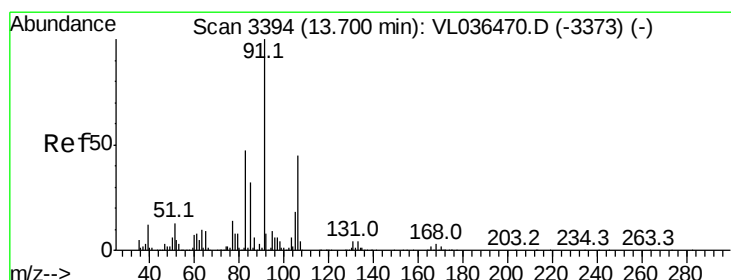
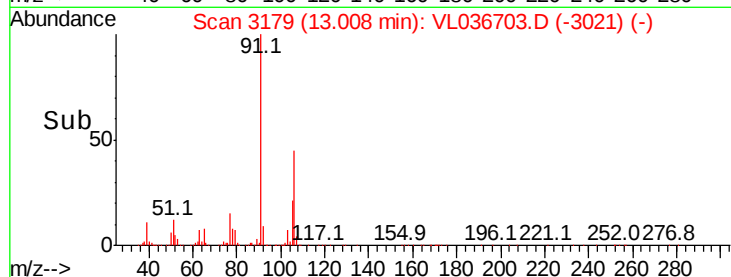
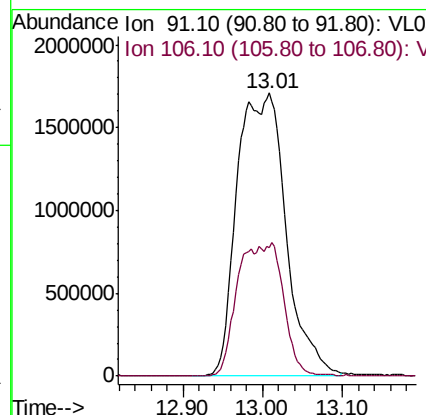
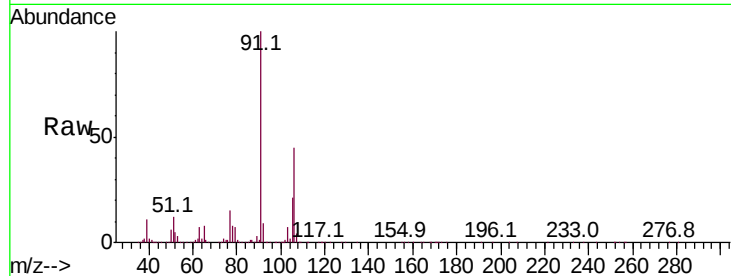
#59
m/p-Xylene
Concen: 17.979 ppbv m
RT: 13.01 min Scan# 3179
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion: 91 Resp: 7275311
Ion Ratio Lower Upper
91 100
106 44.3 35.3 52.9

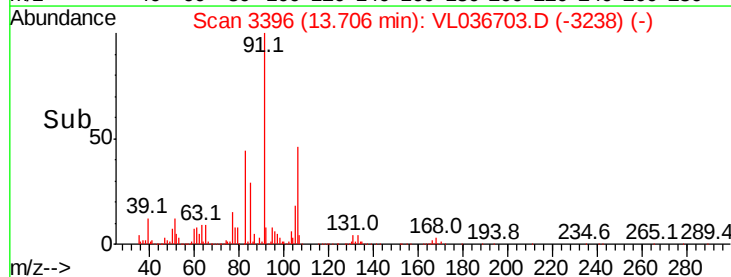
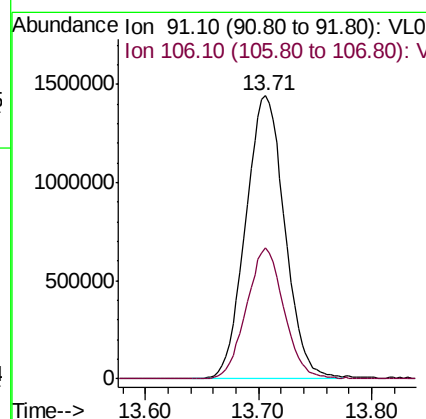
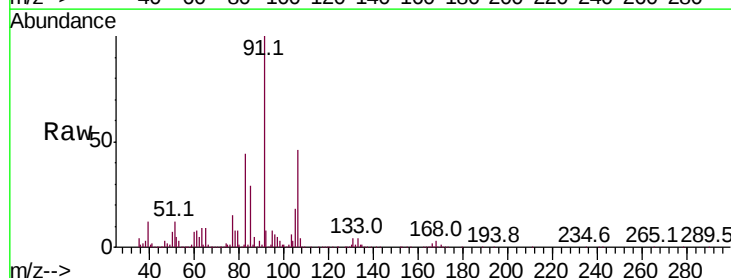
Manual Integrations
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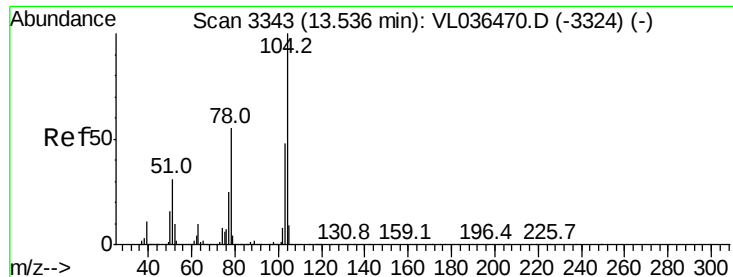
MMDadoda
4/12/2021 11:10:56 AM



#60
o-Xylene
Concen: 8.845 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion: 91 Resp: 3460930
Ion Ratio Lower Upper
91 100
106 44.7 22.3 66.9





#61

Stvrene

Concen: 9.605 ppbv

RT: 13.54 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion:104 Resp: 1890637

Ion Ratio Lower Upper

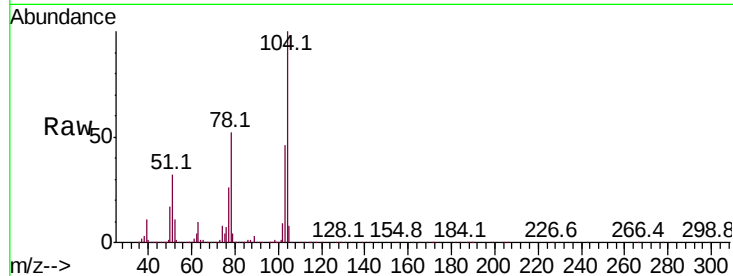
104 100

78 54.3 43.8 65.8

103 47.4 38.3 57.5

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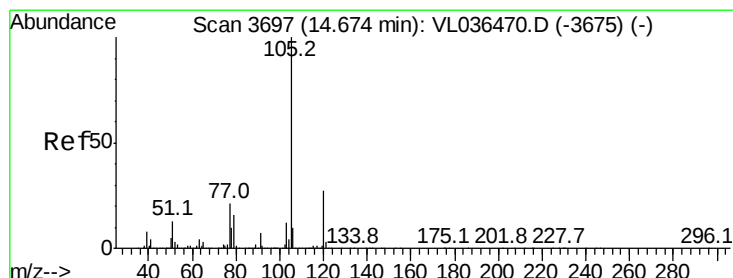
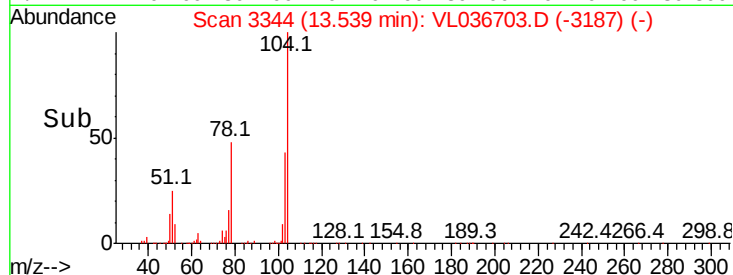
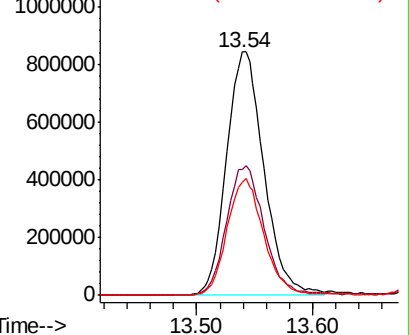
MMDadoda
4/12/2021 11:10:56 AM



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.120 ppbv

RT: 14.68 min Scan# 3699

Delta R.T. 0.01 min

Lab File: VL036703.D

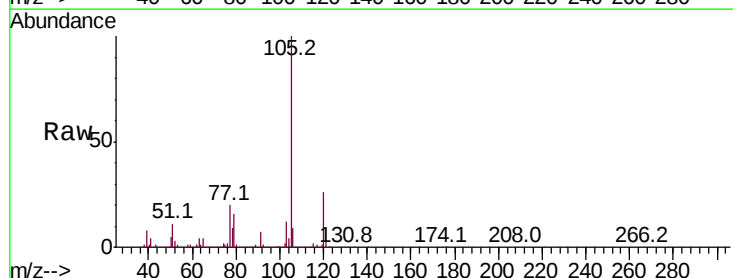
Acq: 6 Apr 2021 17:54

Tgt Ion:105 Resp: 4805206

Ion Ratio Lower Upper

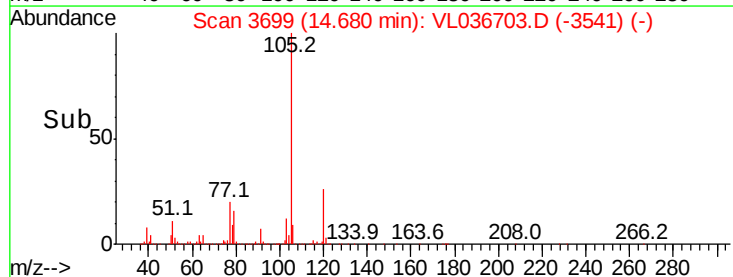
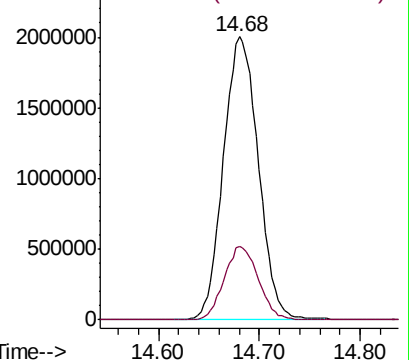
105 100

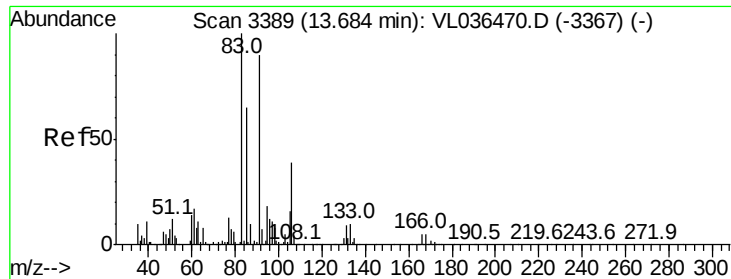
120 25.7 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





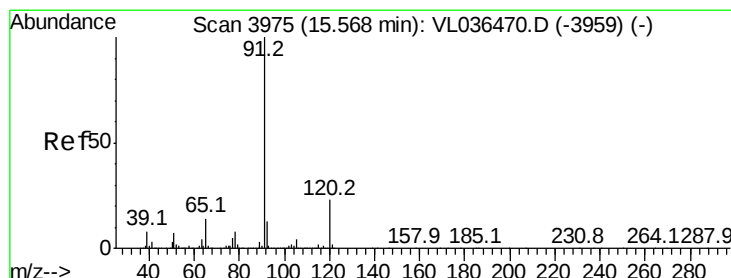
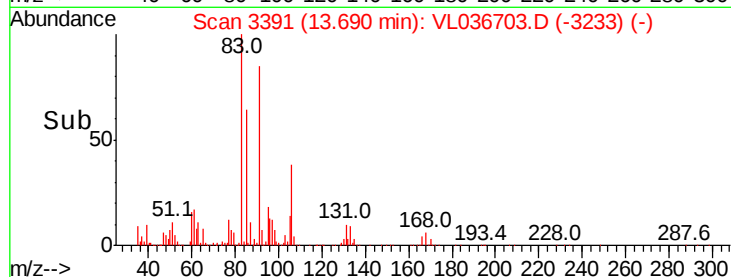
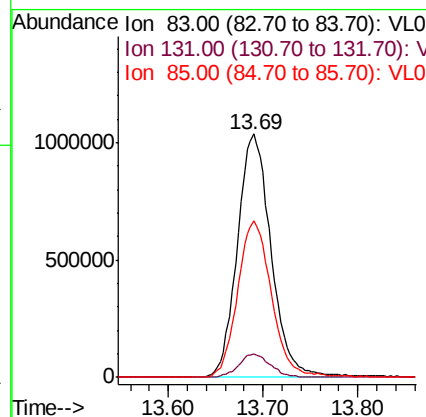
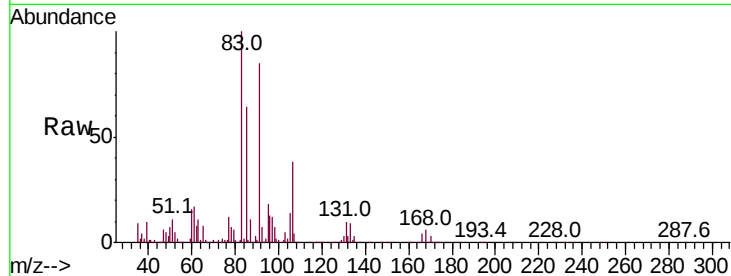
#63
1,1,2,2-Tetrachloroethane
Concen: 8.607 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion: 83 Resp: 2568941
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 65.0 33.1 99.3

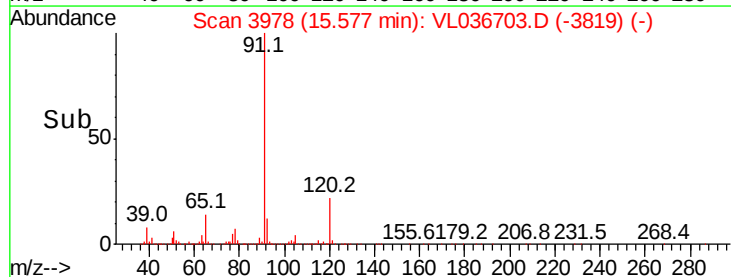
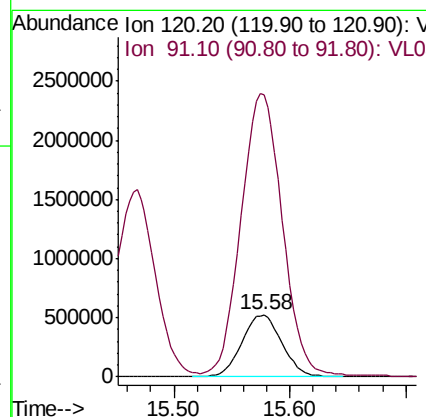
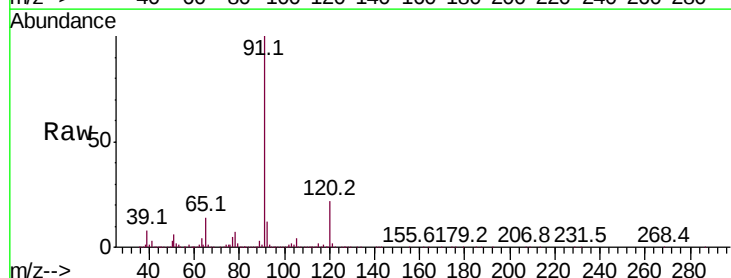
Manual Integrations
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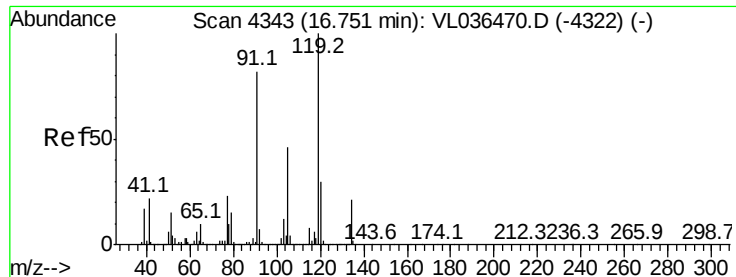
MMDadoda
4/12/2021 11:10:56 AM



#64
n-propylbenzene
Concen: 9.754 ppbv
RT: 15.58 min Scan# 3978
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion:120 Resp: 1256562
Ion Ratio Lower Upper
120 100
91 474.2 377.4 566.2





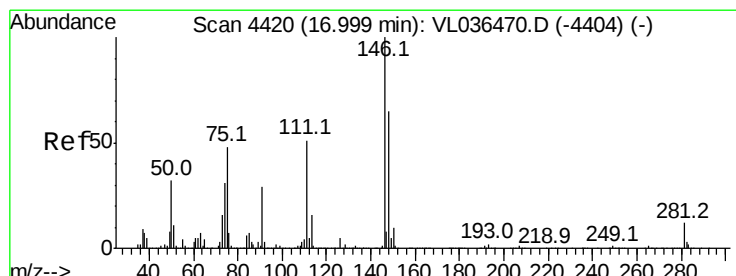
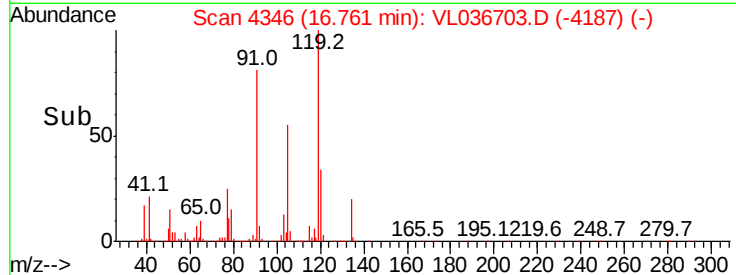
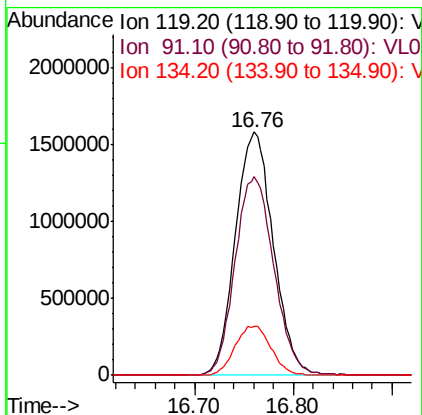
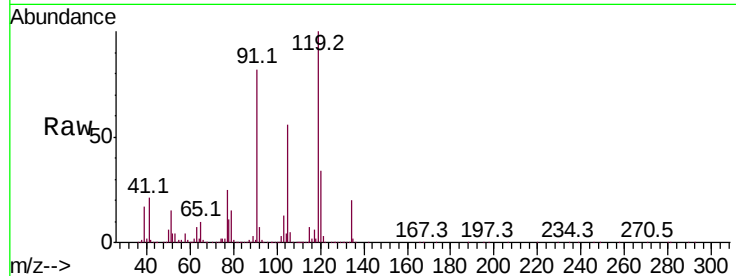
#65
tert-Butylbenzene
Concen: 9.225 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	83.7	67.5	101.3
134	19.5	15.8	23.8

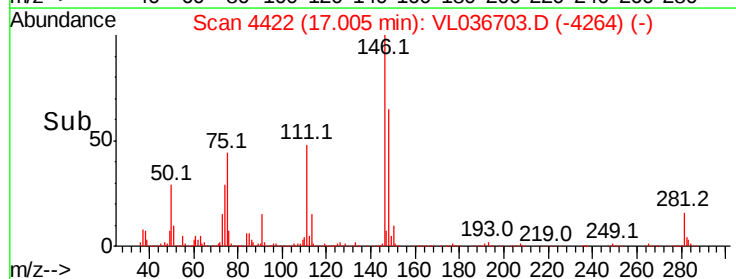
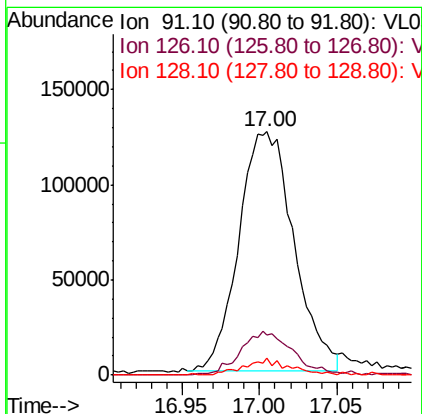
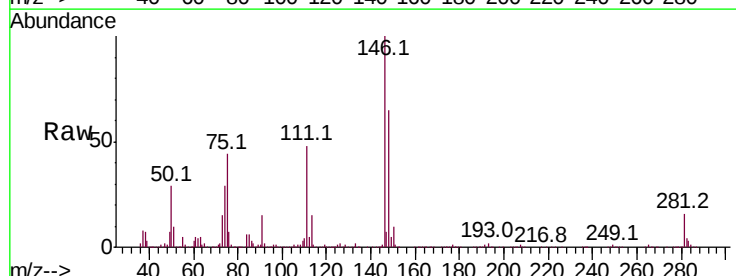
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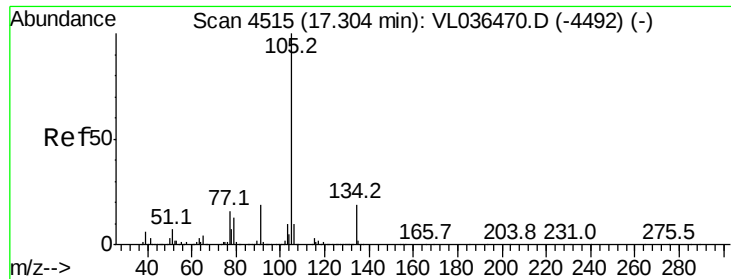
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#66
Benzyl Chloride
Concen: 6.178 ppbv
RT: 17.00 min Scan# 4422
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	18.4	13.5	20.3
128	6.1	4.2	6.4





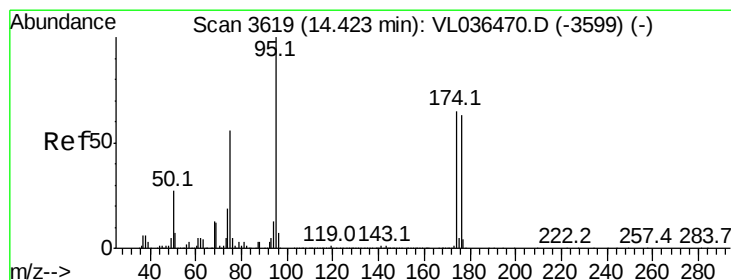
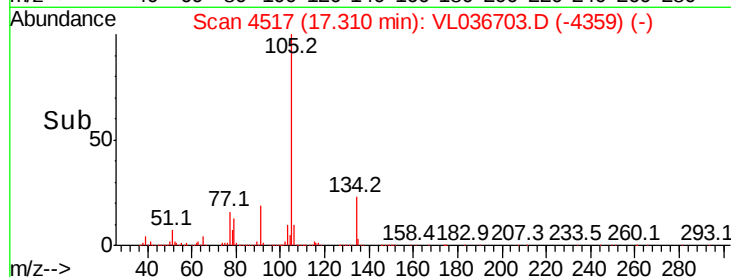
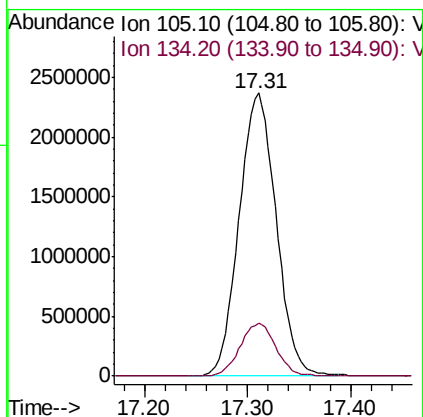
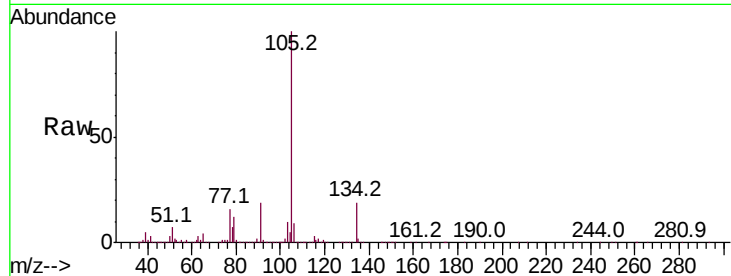
#67
 sec-Butylbenzene
 Concen: 9.167 ppbv
 RT: 17.31 min Scan# 4517
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABS01

Tot Ion: 105 Resp: 5912091
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.7 22.1

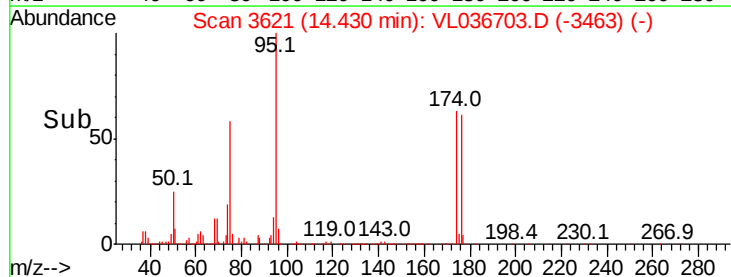
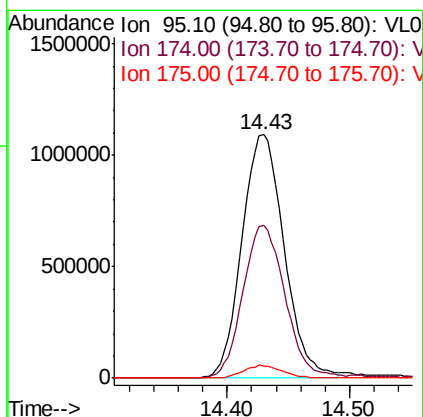
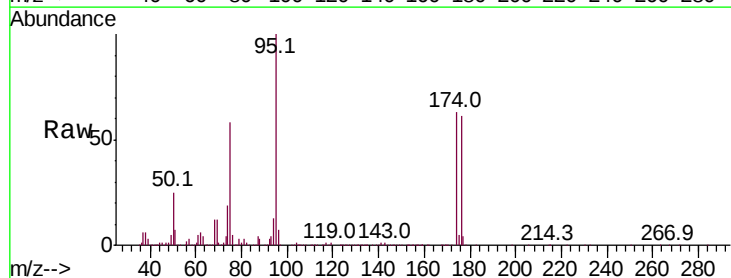
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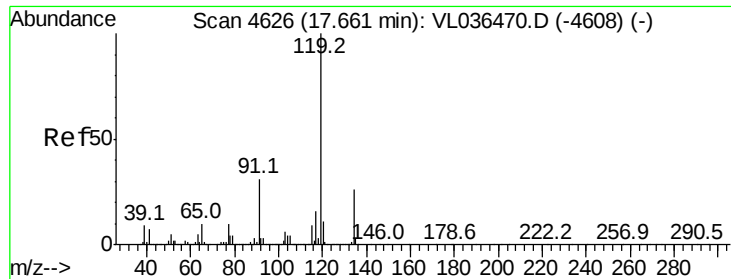
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.298 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Tgt Ion: 95 Resp: 2617453
 Ion Ratio Lower Upper
 95 100
 174 64.3 51.0 76.6
 175 4.9 3.9 5.9





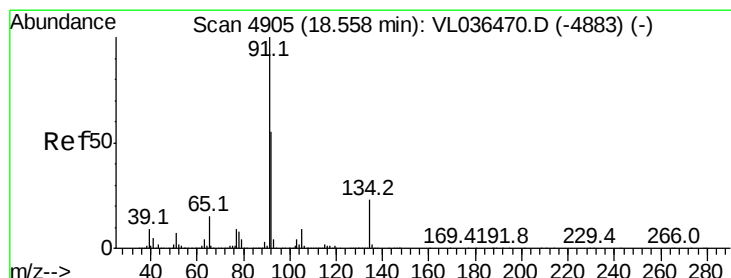
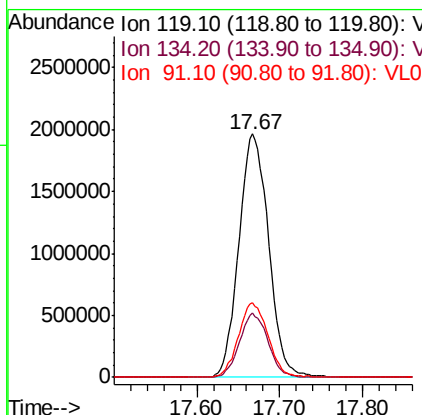
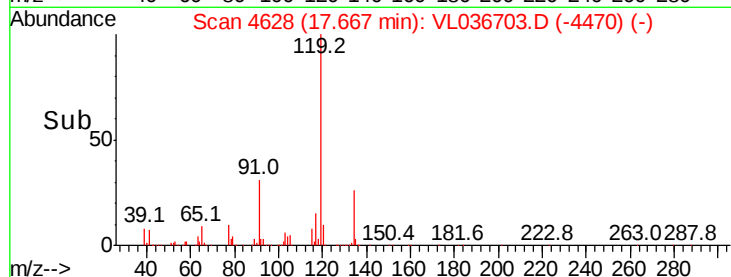
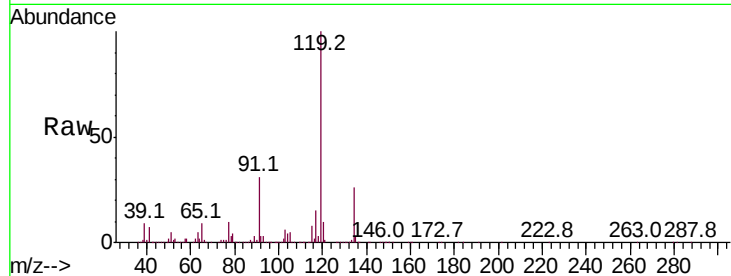
#69
 p-Isopropyltoluene
 Concen: 9.710 ppbv
 RT: 17.67 min Scan# 4628
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.6	30.8
91	30.4	25.0	37.6

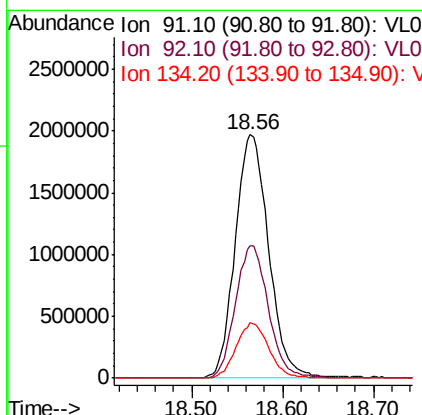
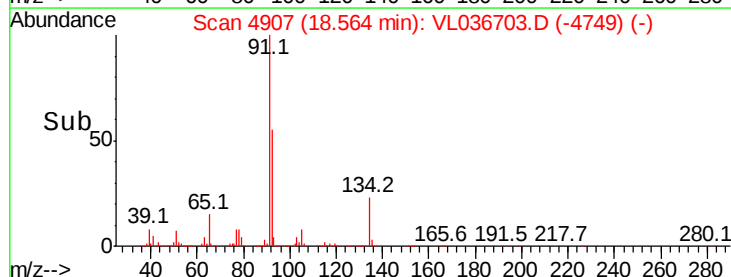
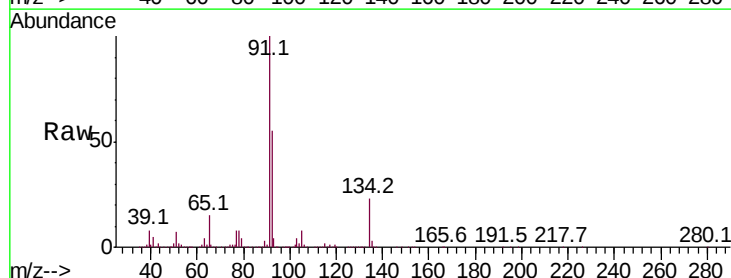
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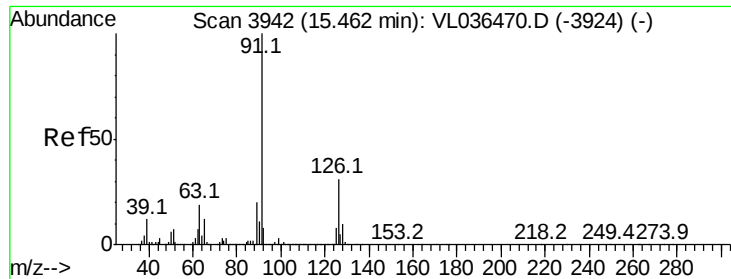
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#70
 n-Butylbenzene
 Concen: 9.637 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.8	65.8
134	22.2	18.0	27.0





#71

2-Chlorotoluene

Concen: 9.410 ppbv

RT: 15.47 min Scan# 3944

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion: 91 Resp: 3715370

Ion Ratio Lower Upper

91 100

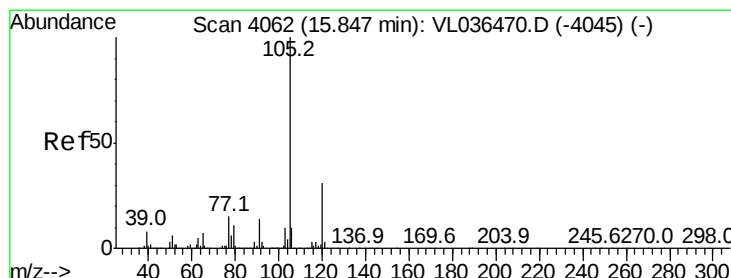
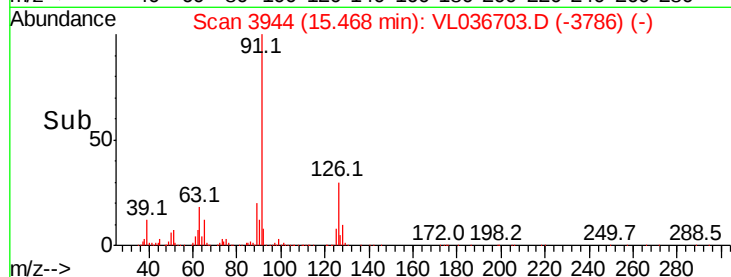
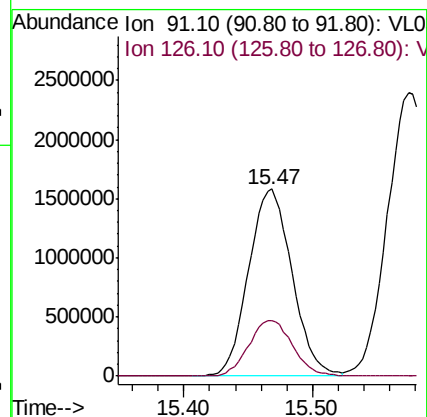
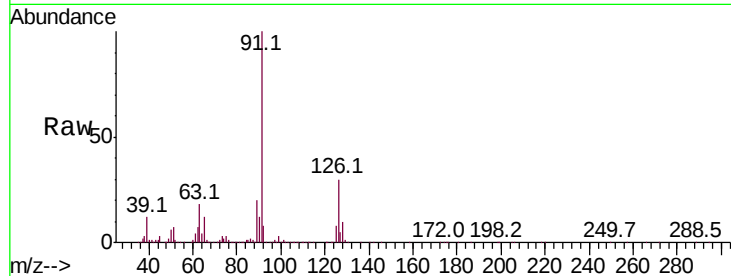
126 30.2 12.1 48.5

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#72

4-Ethyltoluene

Concen: 9.679 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Tgt Ion:105 Resp: 4149792

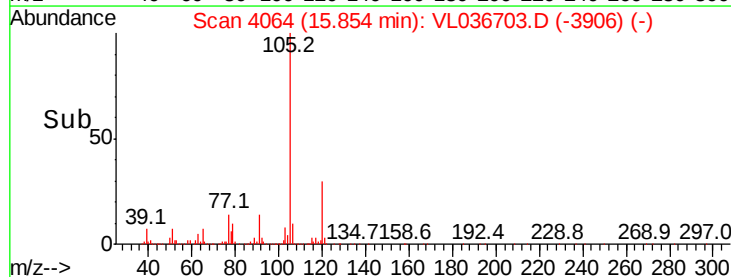
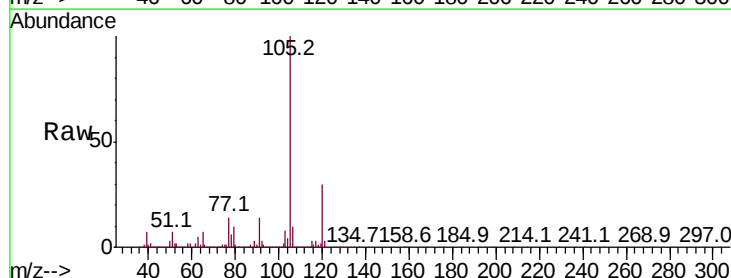
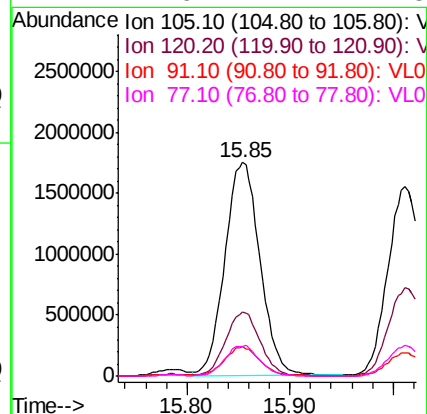
Ion Ratio Lower Upper

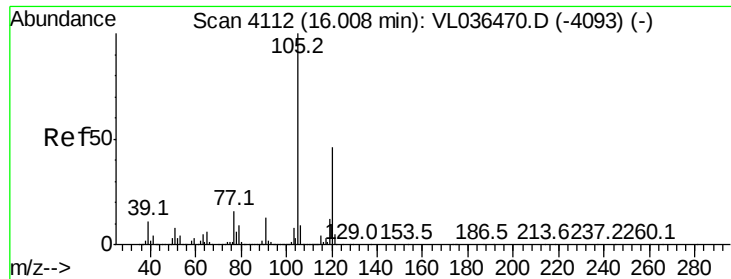
105 100

120 30.4 24.0 36.0

91 13.6 11.0 16.4

77 14.6 11.7 17.5





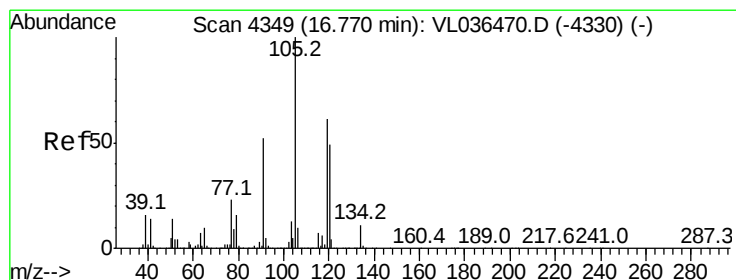
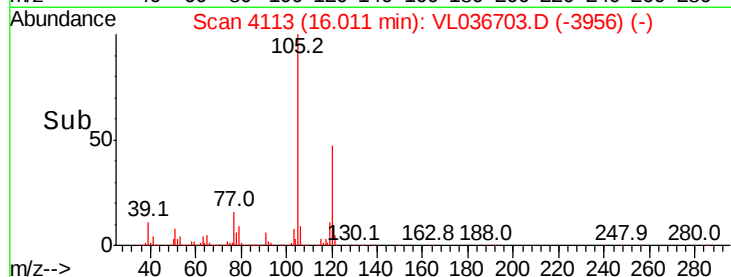
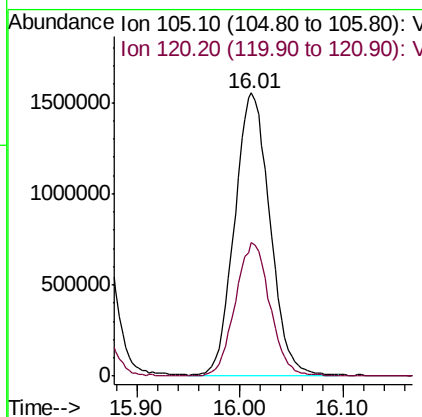
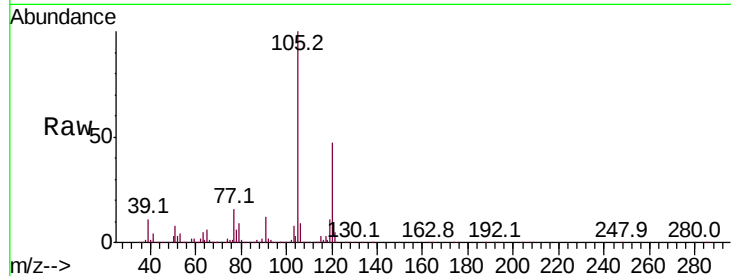
#73
 1,3,5-Trimethylbenzene
 Concen: 9.180 ppbv
 RT: 16.01 min Scan# 4113
 Delta R.T. 0.00 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABS01

Tot Ion:105 Resp: 3673488
 Ion Ratio Lower Upper
 105 100
 120 47.0 36.6 54.8

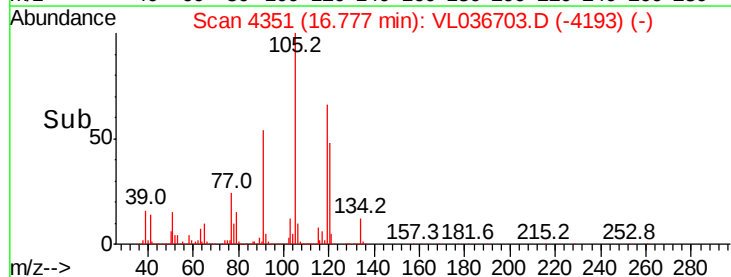
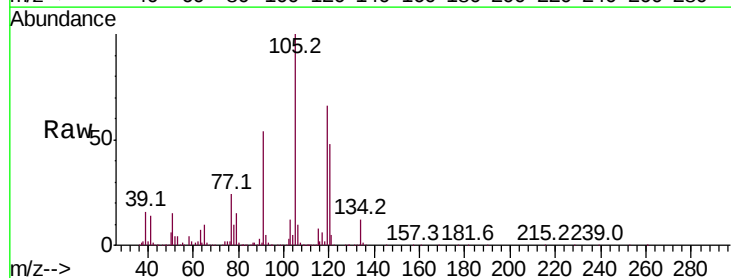
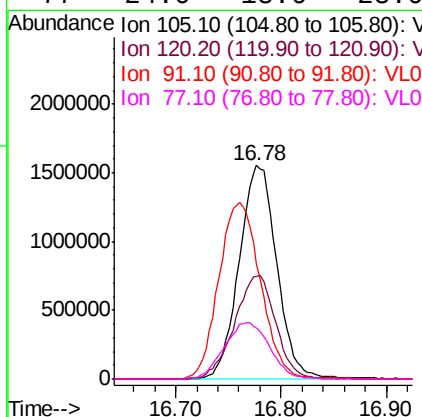
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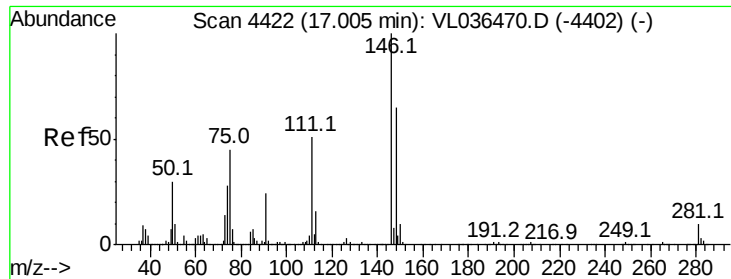
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#74
 1,2,4-Trimethylbenzene
 Concen: 8.981 ppbv
 RT: 16.78 min Scan# 4351
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Tgt Ion:105 Resp: 3845956
 Ion Ratio Lower Upper
 105 100
 120 47.8 39.2 58.8
 91 53.8 42.6 64.0
 77 24.0 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 9.425 ppbv

RT: 17.01 min Scan# 4424

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABS01

Tot Ion:146 Resp: 2271871

Ion Ratio Lower Upper

146 100

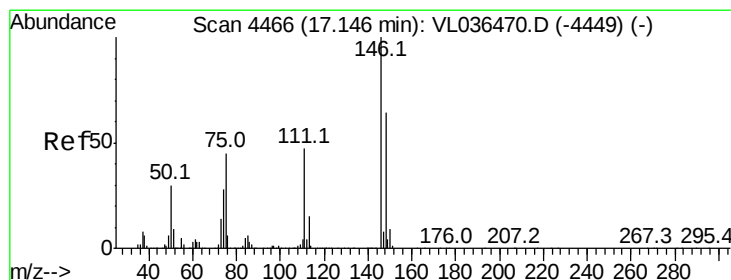
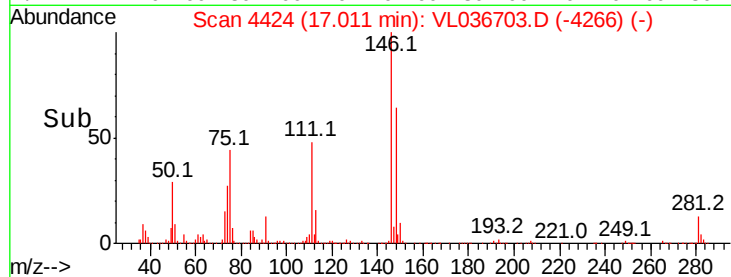
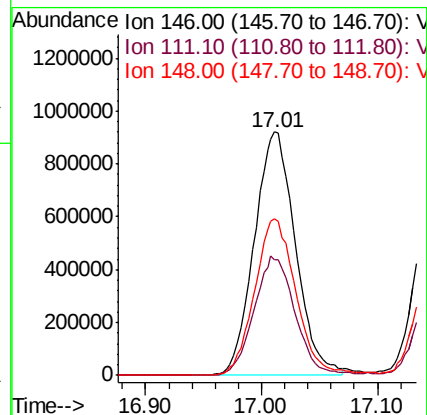
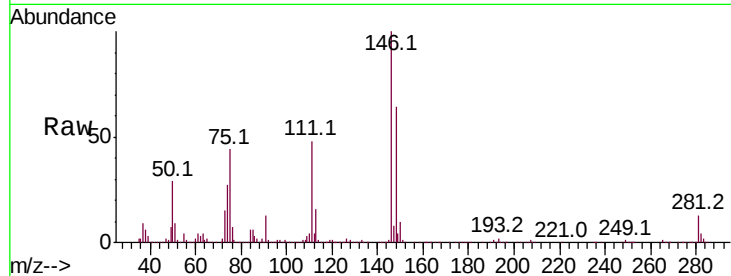
111 49.0 24.5 73.5

148 64.9 32.3 96.9

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#76

1,4-Dichlorobenzene

Concen: 9.189 ppbv

RT: 17.15 min Scan# 4468

Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

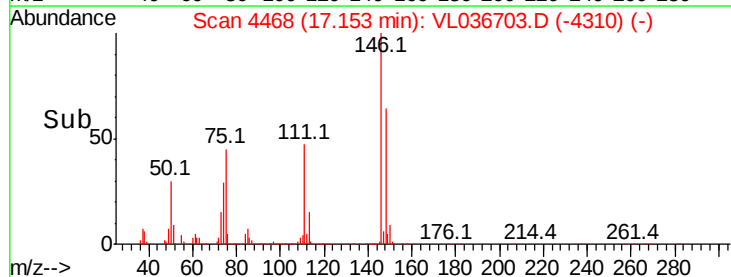
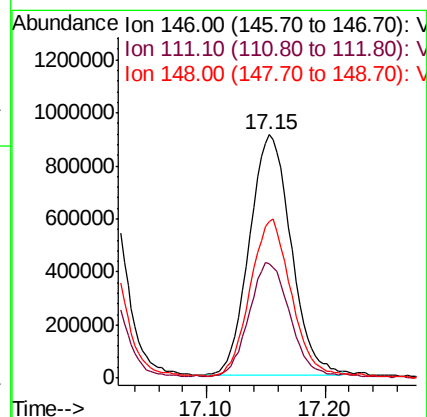
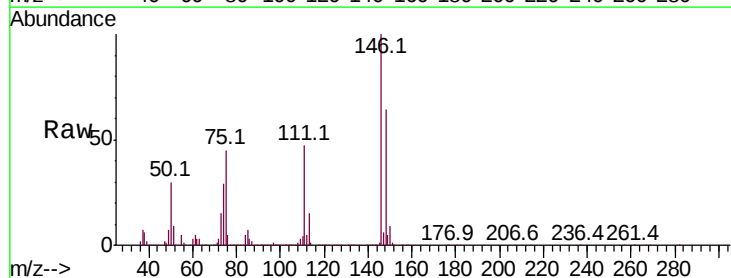
Tgt Ion:146 Resp: 2199186

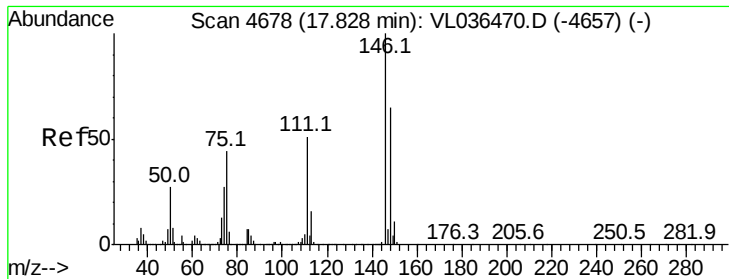
Ion Ratio Lower Upper

146 100

111 48.6 24.3 72.8

148 67.4 33.0 98.9





#77

1,2-Dichlorobenzene

Concen: 9.760 ppbv

RT: 17.83 min Scan# 4679

Delta R.T. 0.00 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Instrument :

MSVOA_L

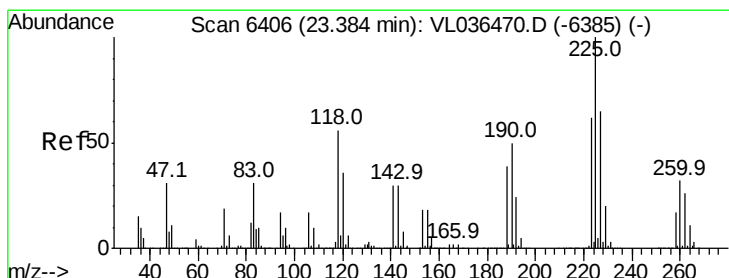
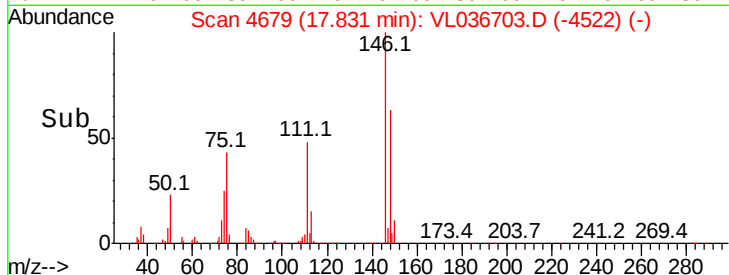
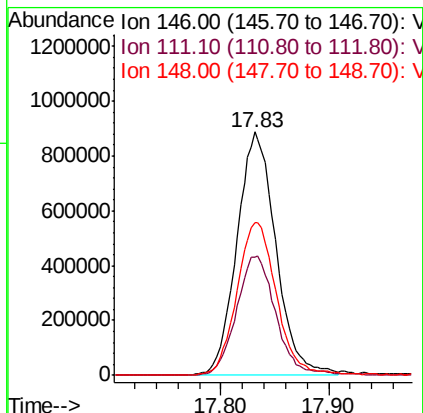
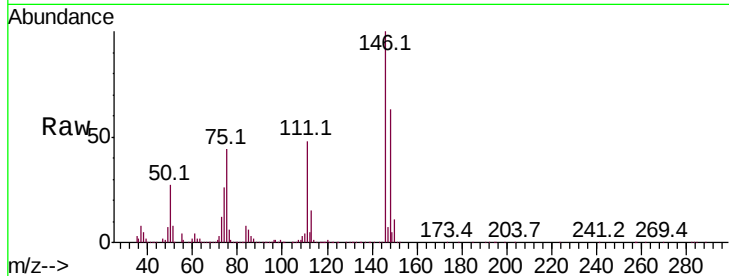
ClientSampleId :

VL0406ABS01

Tot Ion:	146	Resp:	2211251
Ion	Ratio	Lower	Upper
146	100		
111	49.6	25.5	76.5
148	64.1	32.9	98.6

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#78

Hexachloro-1,3-Butadiene

Concen: 8.557 ppbv

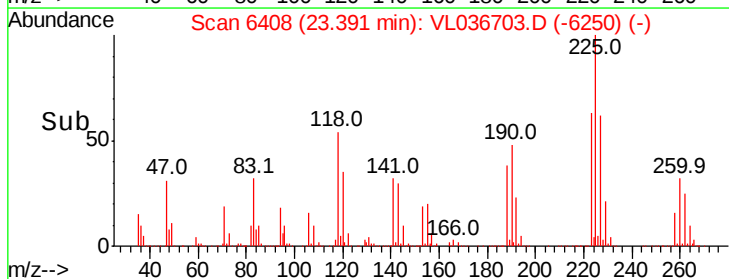
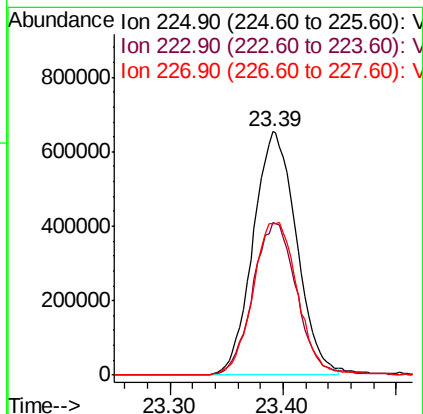
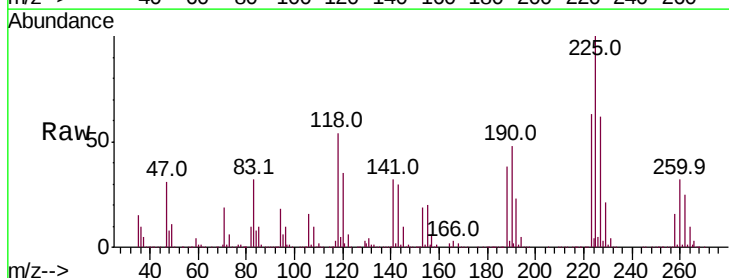
RT: 23.39 min Scan# 6408

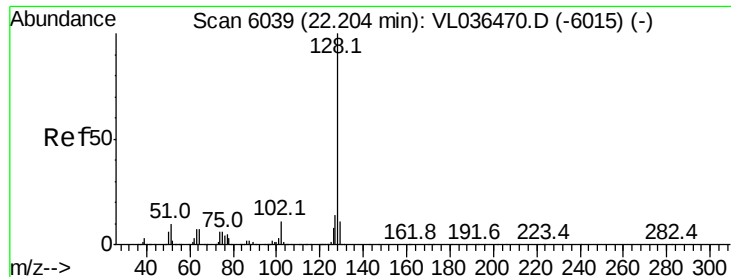
Delta R.T. 0.01 min

Lab File: VL036703.D

Acq: 6 Apr 2021 17:54

Tgt Ion:	225	Resp:	1736343
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	75.8
227	64.7	52.2	78.2





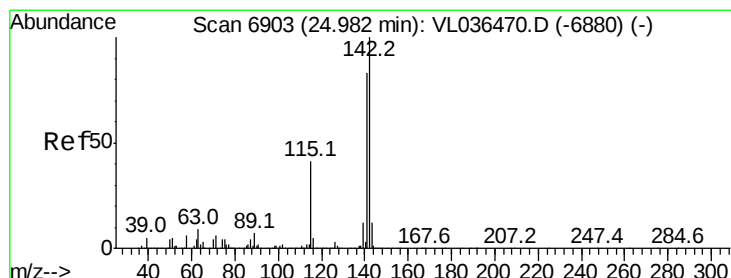
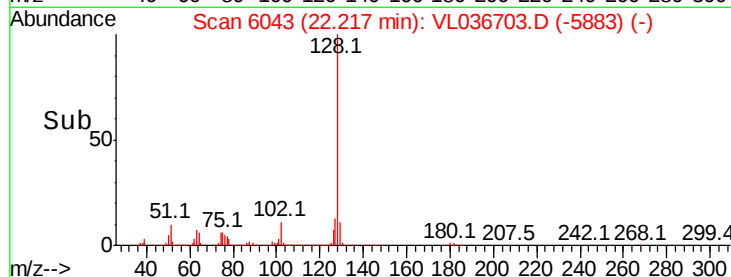
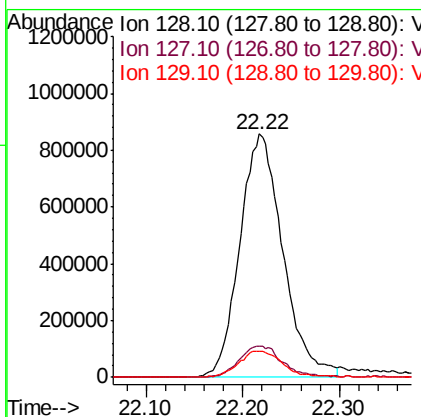
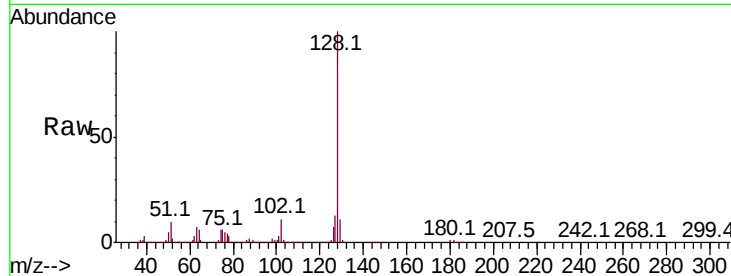
#79
Naphthalene
Concen: 10.587 ppbv
RT: 22.22 min Scan# 6043
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.9	16.3
129	10.7	9.0	13.4

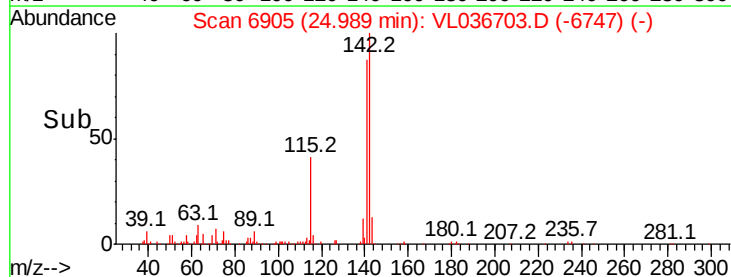
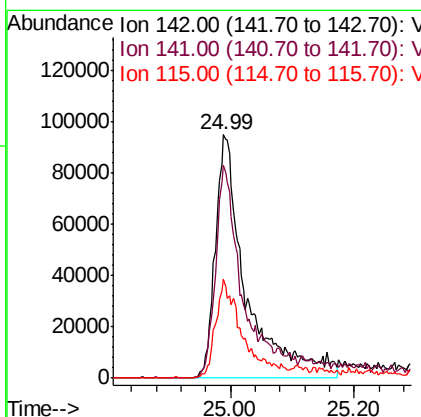
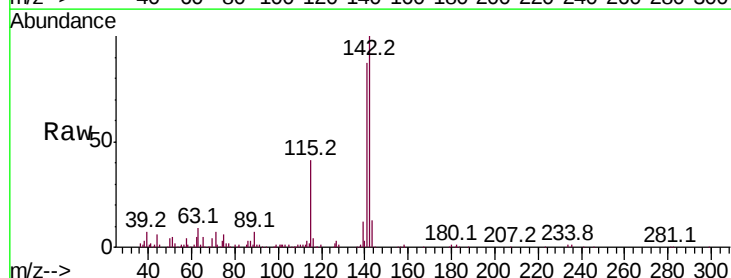
Manual Integrations
APPROVED

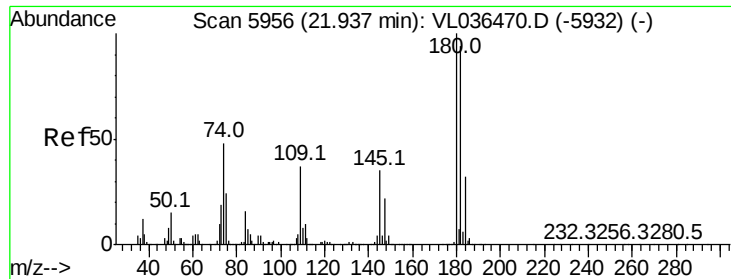
MMDadoda
4/12/2021 11:10:56 AM



#80
Naphthalene, 2-methyl-
Concen: 6.726 ppbv
RT: 24.99 min Scan# 6905
Delta R.T. 0.01 min
Lab File: VL036703.D
Acq: 6 Apr 2021 17:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.7	67.8	101.8
115	35.7	34.0	51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.447 ppbv
 RT: 21.94 min Scan# 5958
 Delta R.T. 0.01 min
 Lab File: VL036703.D
 Acq: 6 Apr 2021 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.1	80.8	121.2
184	32.0	25.0	37.4

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:10:56 AM

