

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100820\
 Data File : VL035754.D
 Acq On : 8 Oct 2020 21:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
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 10/12/2020 10:30:00 AM

Quant Time: Oct 09 02:29:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 2
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1201426	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	4596726	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	4660599m	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3393162	9.72	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1749283	8.874	ppbv 97
3) Chlorodifluoromethane	2.98	51	1217703	9.421	ppbv 100
4) Chloromethane	3.13	50	658902	9.490	ppbv 95
5) Vinyl Chloride	3.25	62	779621	9.493	ppbv 100
6) Bromomethane	3.47	94	658285	9.482	ppbv 97
7) Chloroethane	3.55	64	288949	9.593	ppbv 98
8) Dichlorotetrafluoroethane	3.18	85	2191455	9.165	ppbv 100
9) Propene	3.00	41	465970	9.929	ppbv 100
10) Heptane	8.12	43	1371840	10.486	ppbv 100
11) Trichlorofluoromethane	3.94	101	2608710	9.275	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1973745	9.413	ppbv 99
13) Ethanol	3.60	45	108267	9.355	ppbv 100
14) Bromoethene	3.73	108	867040	9.817	ppbv 100
15) Acetone	3.84	43	1137863	8.802	ppbv 99
16) 1,3-Butadiene	3.32	39	486551	10.288	ppbv 98
17) tert-Butyl alcohol	4.29	59	1432059	10.170	ppbv 100
18) 1,1-Dichloroethene	4.28	96	910853	9.922	ppbv 99
19) Isopropyl Alcohol	3.97	45	706745	10.050	ppbv 99
20) Methylene Chloride	4.34	84	768214	8.090	ppbv 98
21) Allyl Chloride	4.41	41	656735	10.481	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	950902	9.804	ppbv 98
23) Vinyl Acetate	5.07	43	1708875	10.792	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1639472	9.506	ppbv 100
25) Ethyl Acetate	5.67	43	2240631	9.632	ppbv 100
26) Hexane	5.68	57	1243758	9.757	ppbv 99
27) Carbon Disulfide	4.54	76	2028842	10.678	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	2139814	10.590	ppbv 100
29) Chloroform	5.75	83	2471569	9.548	ppbv 98
30) Cyclohexane	7.13	84	1360191	10.815	ppbv 100
31) cis-1,2-Dichloroethene	5.55	61	1320021	10.727	ppbv 99
32) 1,1,1-Trichloroethane	6.51	97	2401763	10.525	ppbv 100
34) 2-Butanone	5.24	43	1546387	10.171	ppbv 100
35) Carbon Tetrachloride	7.02	117	2467960	10.298	ppbv 98
36) Benzene	6.89	78	3135324	10.468	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1536426	9.842	ppbv 100
38) Trichloroethene	7.84	130	1548775	10.365	ppbv 98
39) 1,2-Dichloropropane	7.62	63	1077865	9.928	ppbv 97
40) 1,4-Dioxane	7.83	88	525773	10.590	ppbv 97
41) Tetrahydrofuran	6.05	42	870584	11.366	ppbv 100
42) Bromodichloromethane	7.80	83	2594144	10.316	ppbv 99
43) Methyl Methacrylate	8.02	69	1317506	11.060	ppbv 99

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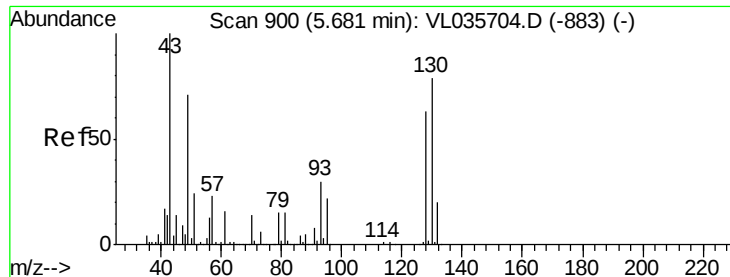
Manual Integrations
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 10/12/2020 10:30:00 AM

Quant Time: Oct 09 02:29:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 2
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4221290	9.821	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1501802	12.487	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	1774551	11.970	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1516753	9.754	ppbv	99
48) Dibromochloromethane	10.31	129	2557155	10.805	ppbv	100
49) Bromoform	13.05	173	2279296	11.350	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2304087	10.376	ppbv	100
51) 2-Hexanone	10.14	43	1963517	10.974	ppbv	100
52) Tetrachloroethene	11.23	164	1465946	10.178	ppbv	99
53) Toluene	9.81	91	3896383	11.032	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2380243	10.222	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	1972059	10.091	ppbv	97
57) Chlorobenzene	12.16	112	3297727	9.368	ppbv	99
58) Ethyl Benzene	12.72	91	5116604	10.938	ppbv	100
59) m/p-Xylene	13.01	91	8765976m	21.458	ppbv	
60) o-Xylene	13.71	91	4266318	10.324	ppbv	100
61) Styrene	13.54	104	3376579	11.817	ppbv	99
62) Isopropylbenzene	14.68	105	6398617	9.983	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	3127731	9.230	ppbv	99
64) n-propylbenzene	15.58	120	1986067	10.587	ppbv	100
65) tert-Butylbenzene	16.76	119	5961483	10.230	ppbv	100
66) Benzyl Chloride	17.01	91	2368918	13.417	ppbv	99
67) sec-Butylbenzene	17.31	105	7961718	9.893	ppbv	100
69) p-Isopropyltoluene	17.67	119	6807527	10.398	ppbv	99
70) n-Butylbenzene	18.57	91	6835945	10.139	ppbv	100
71) 2-Chlorotoluene	15.47	91	4967794	10.626	ppbv	100
72) 4-Ethyltoluene	15.86	105	5287528	10.801	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	4906329	10.606	ppbv	100
74) 1,2,4-Trimethylbenzene	16.78	105	5152672	9.881	ppbv	100
75) 1,3-Dichlorobenzene	17.01	146	3440477	9.663	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	3468465	10.192	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	3365070	10.007	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	1880170	10.134	ppbv	100
79) Naphthalene	22.22	128	5334178	10.724	ppbv	98
80) Naphthalene, 2-methyl-	24.99	142	1799925	15.342	ppbv	99
81) 1,2,4-Trichlorobenzene	21.95	180	2708955	10.510	ppbv	100

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



#1

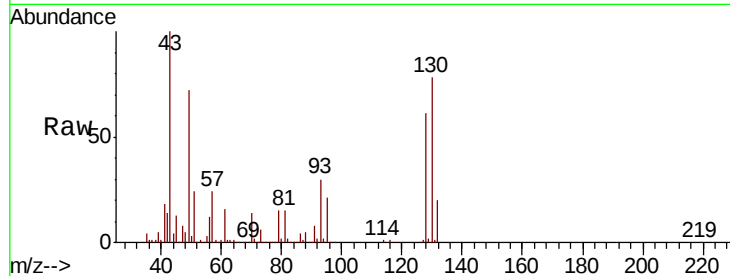
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
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ClientSampleId :
VSTDCCC010EC

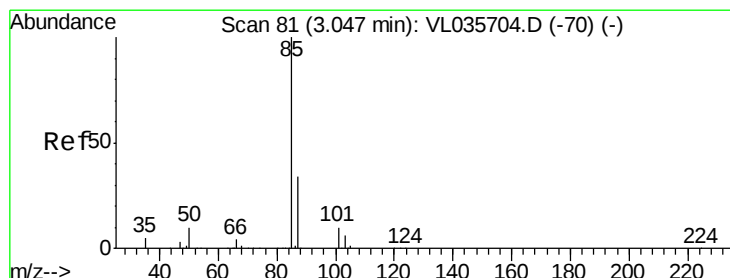
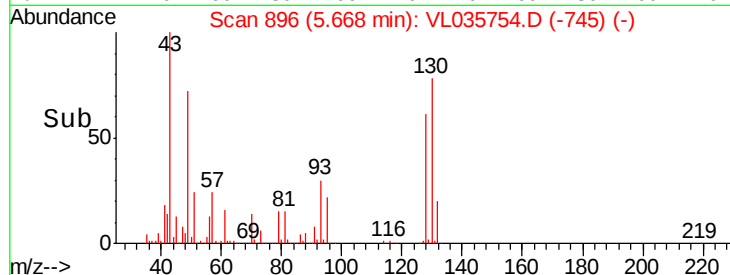
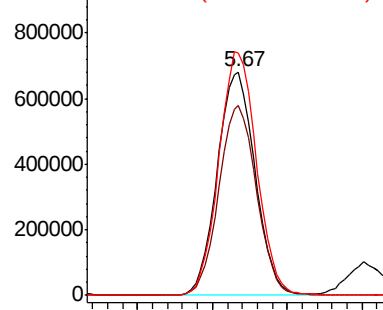
Tot Ion: 49 Resp: 1201426
Ion Ratio Lower Upper
49 100
128 85.1 43.1 129.4
130 109.2 54.9 164.7

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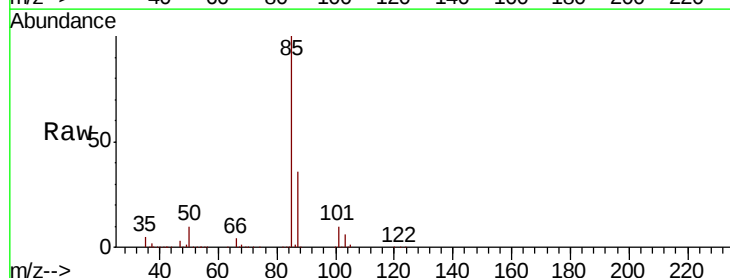
Abundance Ion 49.10 (48.80 to 49.80): VL0
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Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



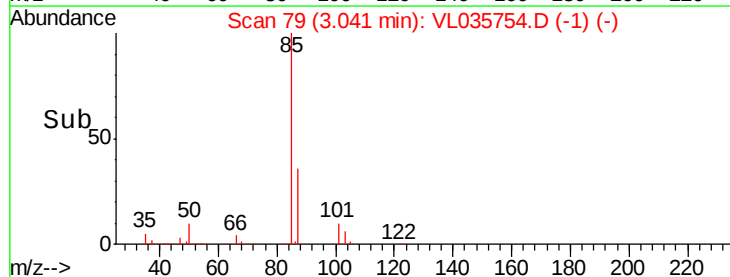
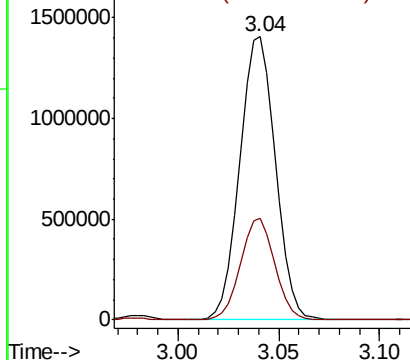
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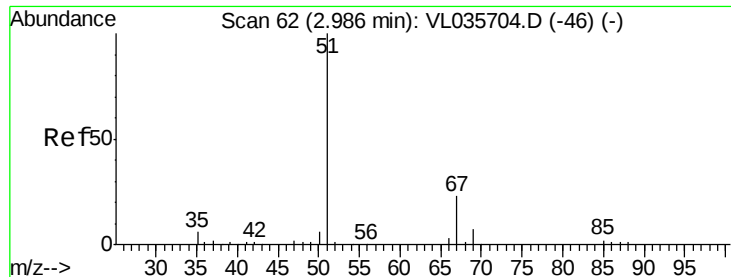
Dichlorodifluoromethane
Concen: 8.874 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 85 Resp: 1749283
Ion Ratio Lower Upper
85 100
87 35.8 27.3 40.9



Abundance Ion 85.00 (84.70 to 85.70): VL0
1500000
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.421 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Tot Ion: 51 Resp: 1217703

Ion Ratio Lower Upper

51 100

67 22.2 17.8 26.8

Instrument :

MSVOA_L

ClientSampleId :

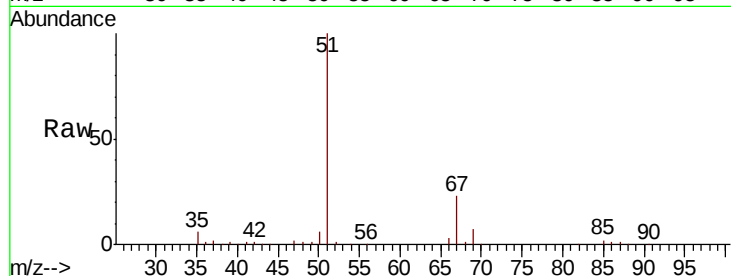
VSTDCCC010EC

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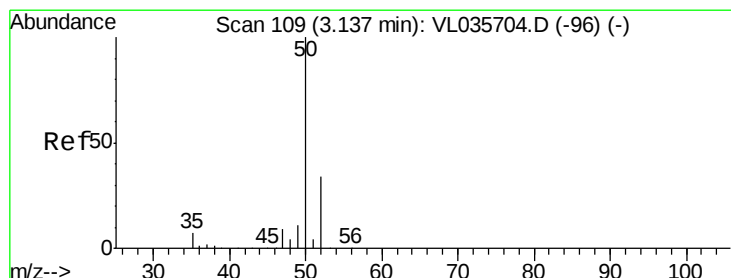
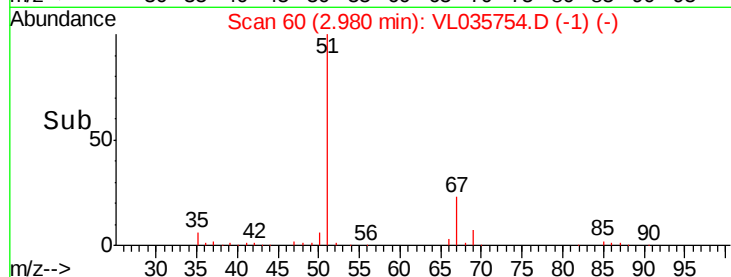
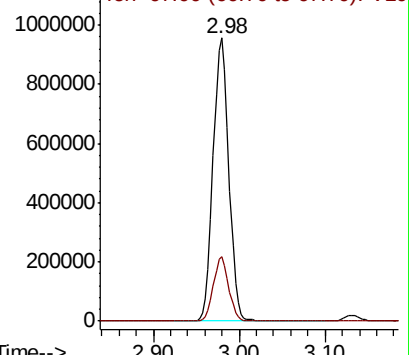
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.490 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL035754.D

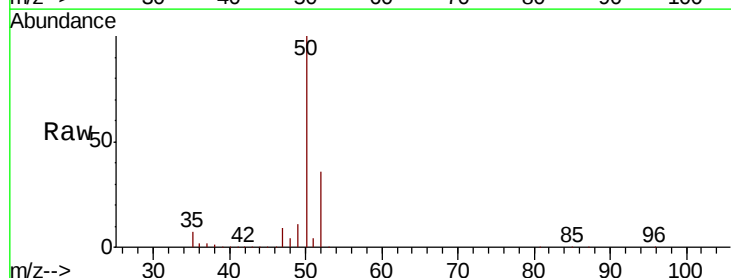
Acq: 8 Oct 2020 21:05

Tgt Ion: 50 Resp: 658902

Ion Ratio Lower Upper

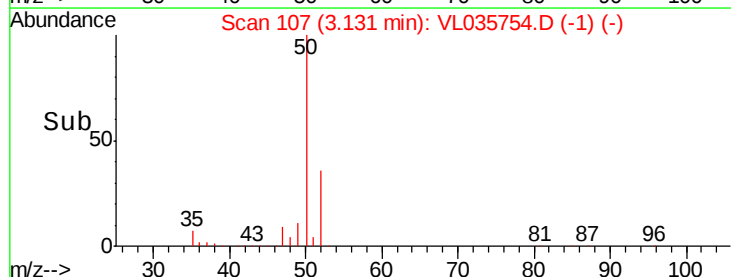
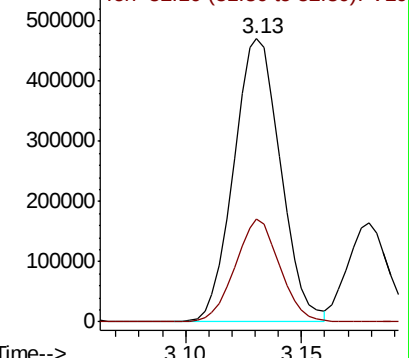
50 100

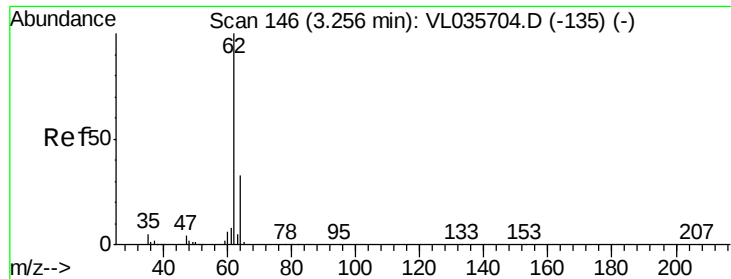
52 36.2 26.8 40.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.493 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 62 Resp: 779621

Ion Ratio Lower Upper

62 100

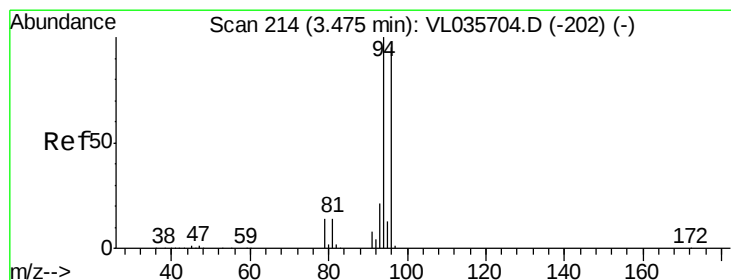
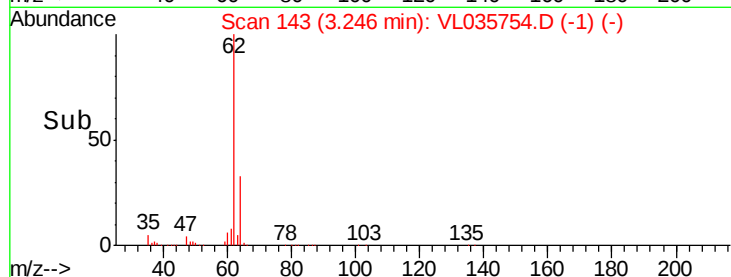
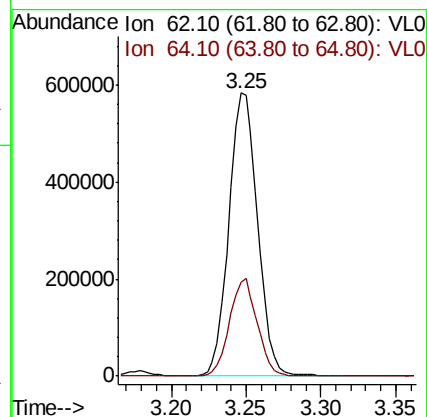
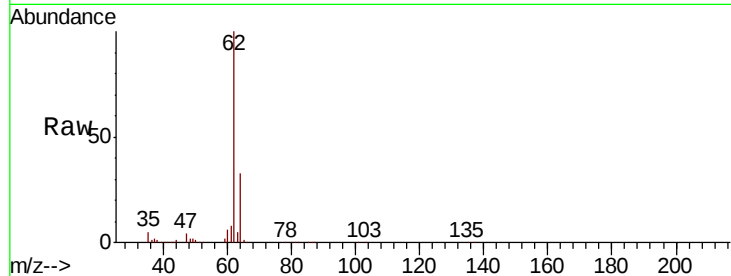
64 33.4 26.8 40.2

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#6

Bromomethane

Concen: 9.482 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL035754.D

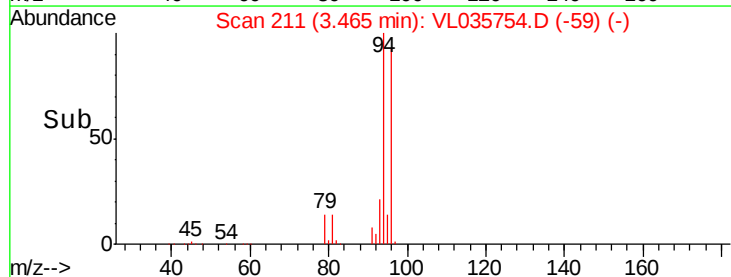
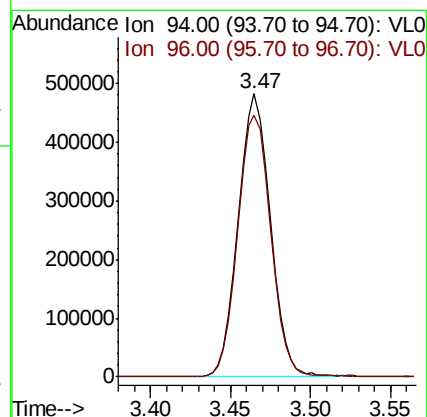
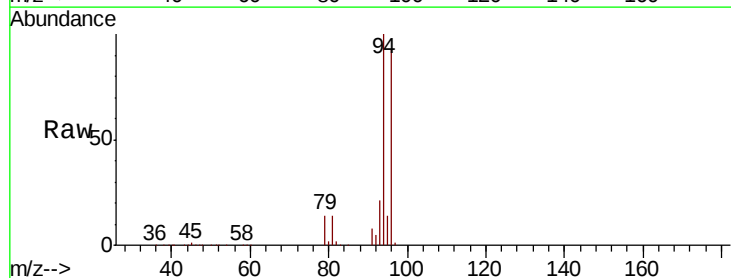
Acq: 8 Oct 2020 21:05

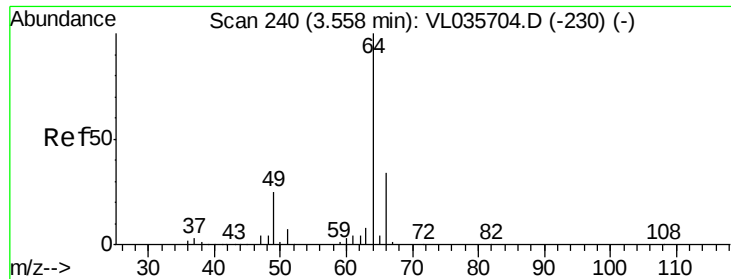
Tgt Ion: 94 Resp: 658285

Ion Ratio Lower Upper

94 100

96 92.5 76.3 114.5





#7

Chloroethane

Concen: 9.593 ppbv

RT: 3.55 min Scan# 237

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 64 Resp: 288949

Ion Ratio Lower Upper

64 100

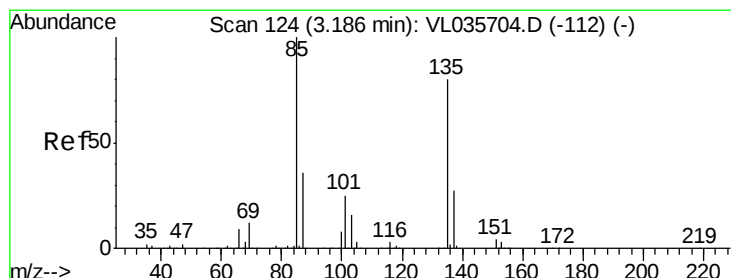
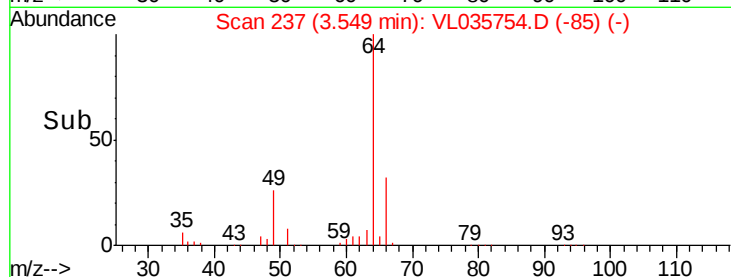
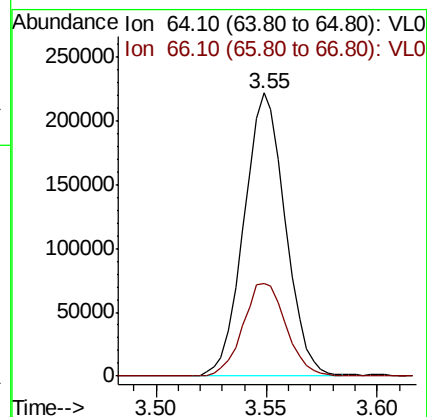
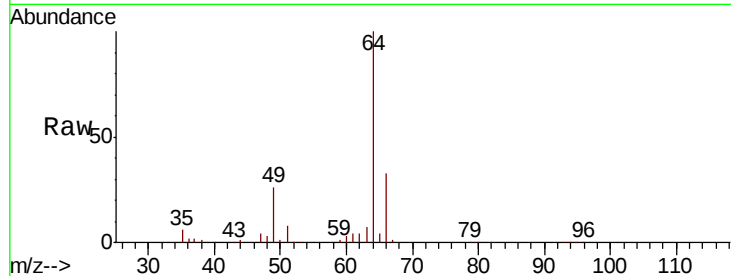
66 32.7 26.9 40.3

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#8

Dichlorotetrafluoroethane

Concen: 9.165 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.01 min

Lab File: VL035754.D

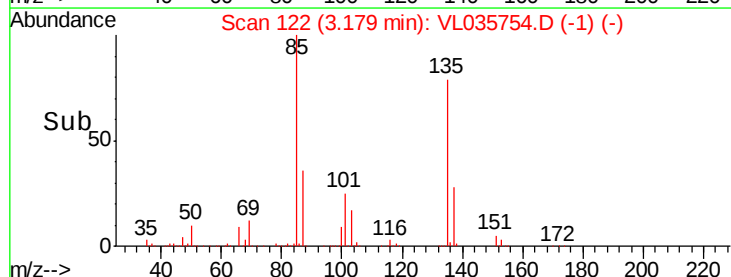
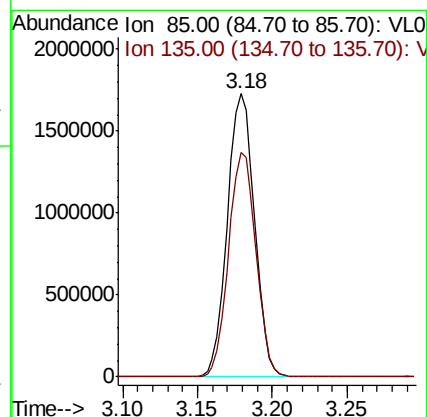
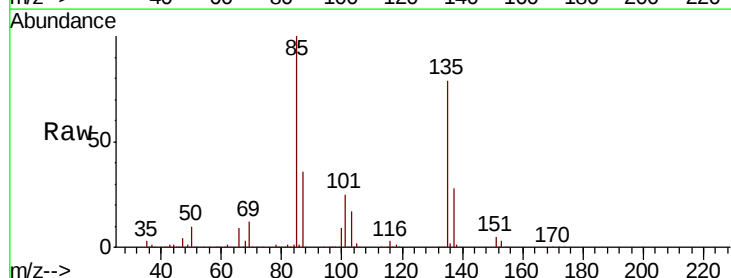
Acq: 8 Oct 2020 21:05

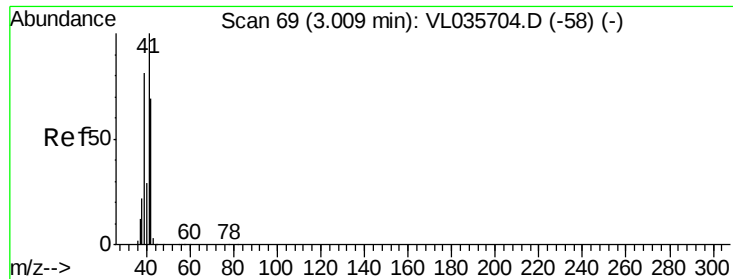
Tgt Ion: 85 Resp: 2191455

Ion Ratio Lower Upper

85 100

135 80.2 64.3 96.5





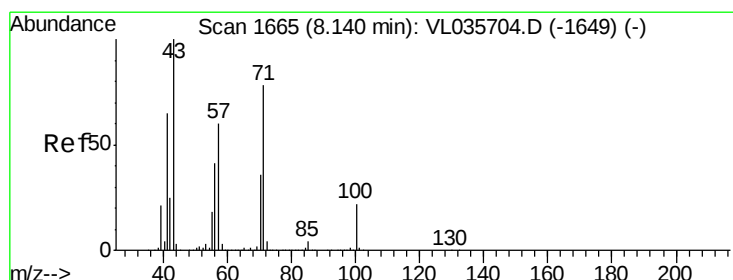
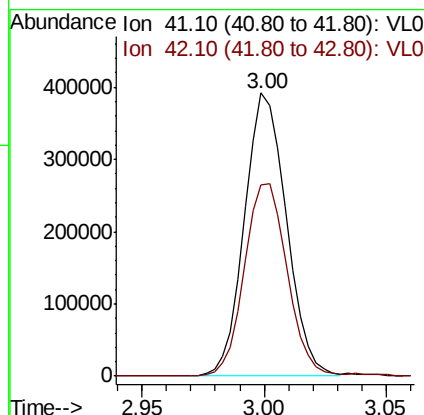
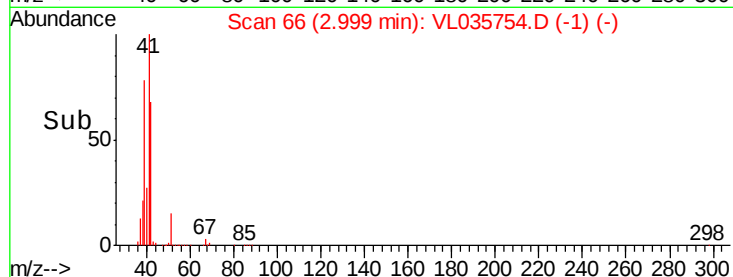
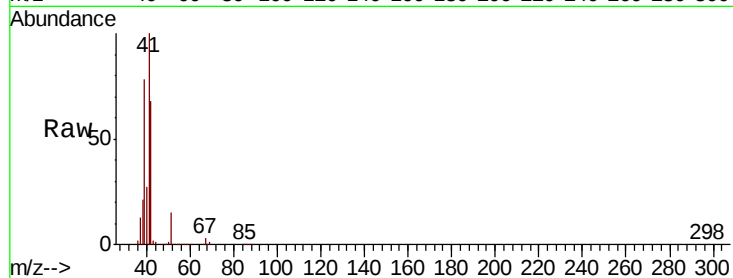
#9
 Propene
 Concen: 9.929 ppbv
 RT: 3.00 min Scan# 66
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 41 Resp: 465970
 Ion Ratio Lower Upper
 41 100
 42 70.3 56.2 84.4

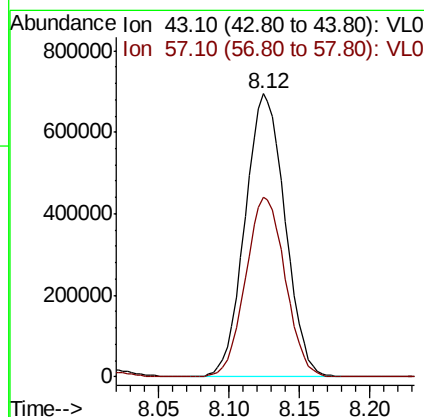
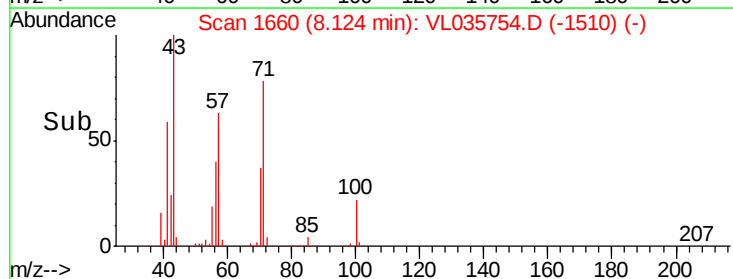
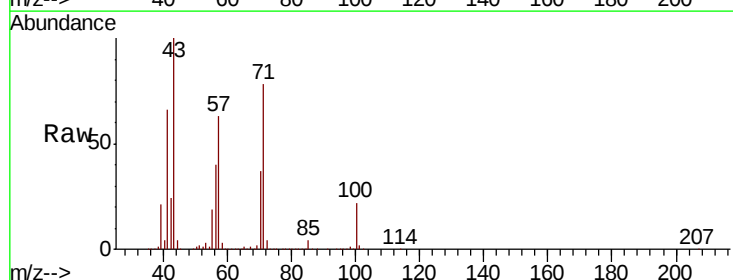
Manual Integrations
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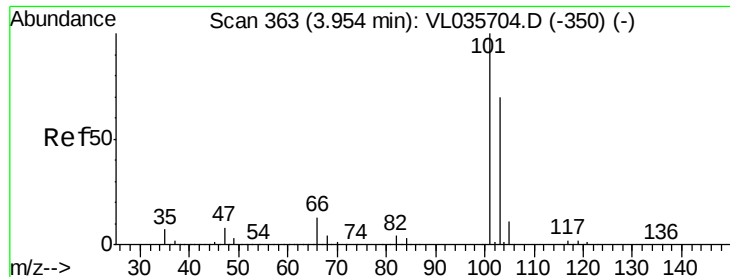
apatel
 10/12/2020 10:30:00 AM



#10
 Heptane
 Concen: 10.486 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 43 Resp: 1371840
 Ion Ratio Lower Upper
 43 100
 57 63.1 50.4 75.6





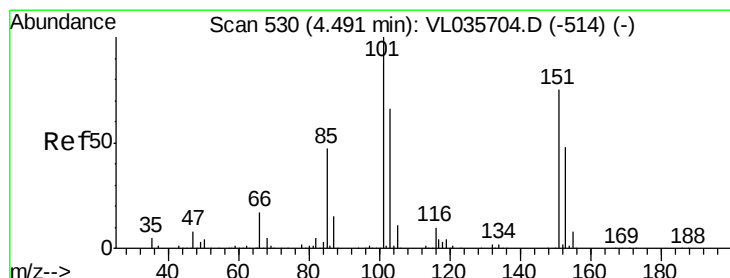
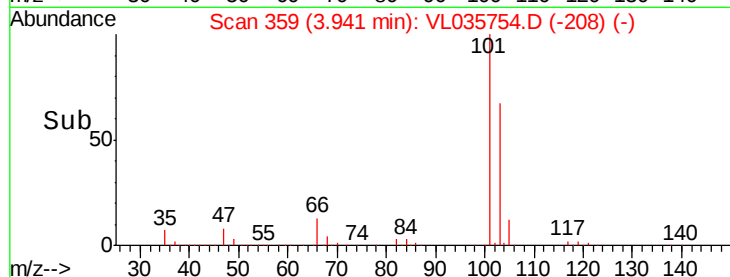
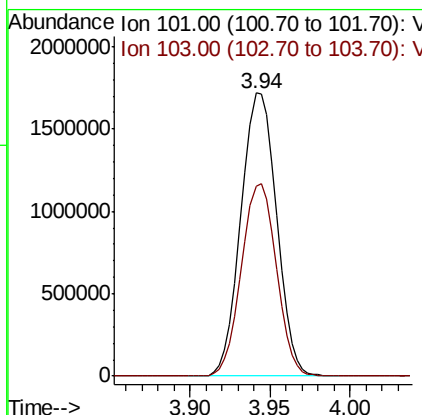
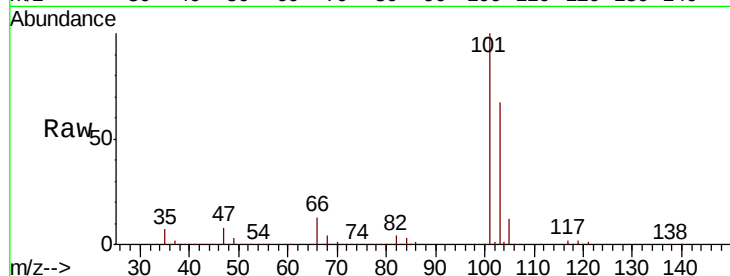
#11
 Trichlorofluoromethane
 Concen: 9.275 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:101 Resp: 2608710
 Ion Ratio Lower Upper
 101 100
 103 67.3 55.6 83.4

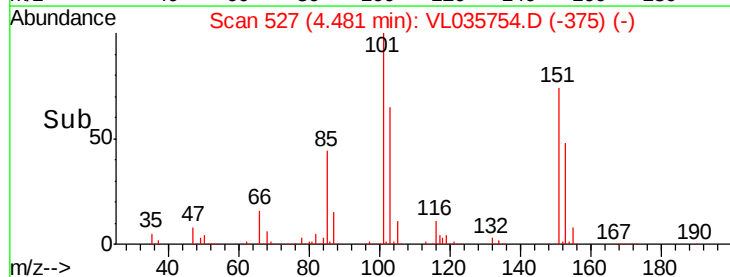
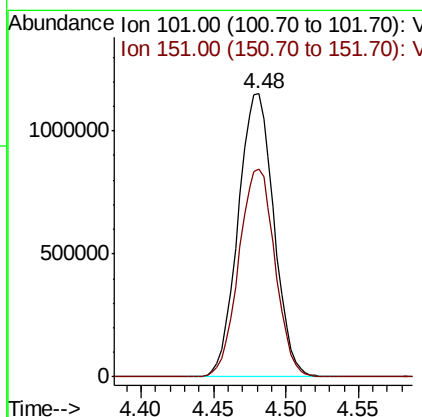
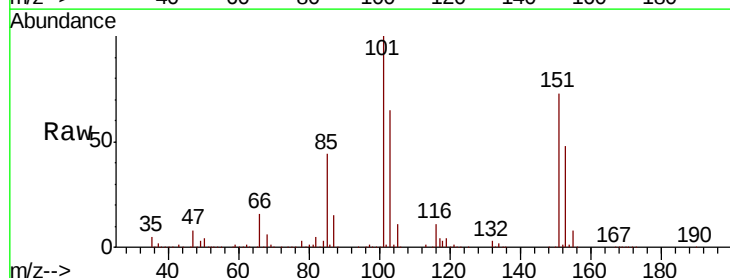
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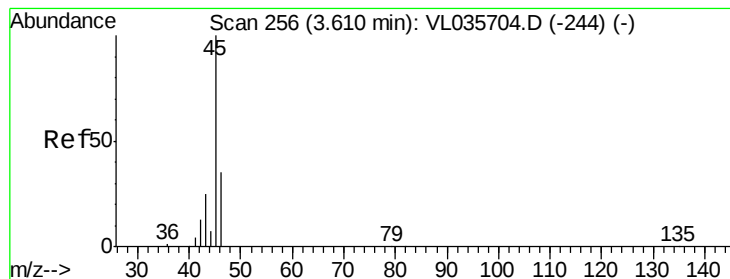
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.413 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion:101 Resp: 1973745
 Ion Ratio Lower Upper
 101 100
 151 74.4 59.1 88.7





#13

Ethanol

Concen: 9.355 ppbv

RT: 3.60 min Scan# 254

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 108267

Ion Ratio Lower Upper

45 100

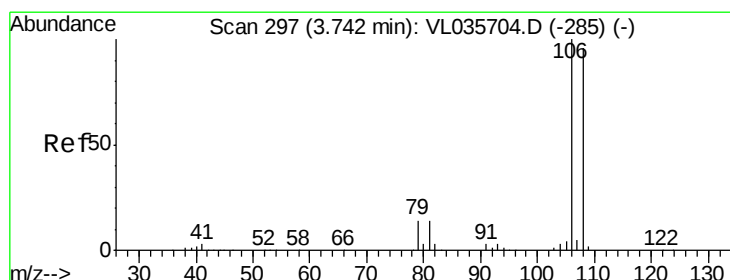
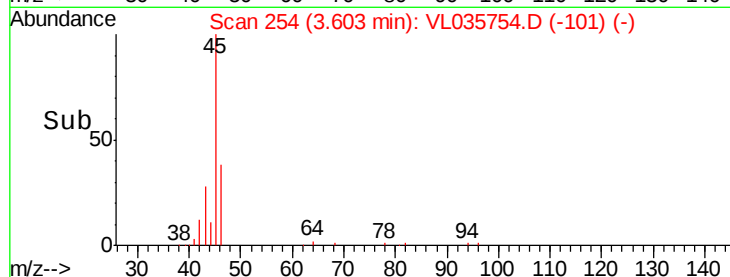
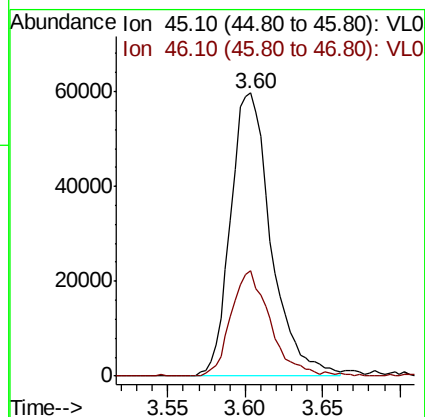
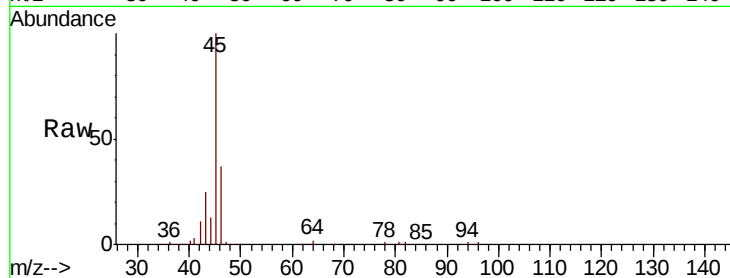
46 36.4 14.7 58.7

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#14

Bromoethene

Concen: 9.817 ppbv

RT: 3.73 min Scan# 294

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

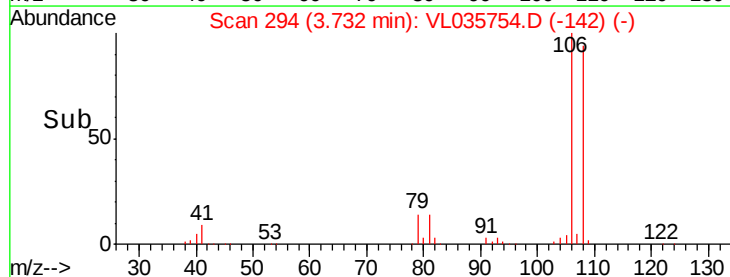
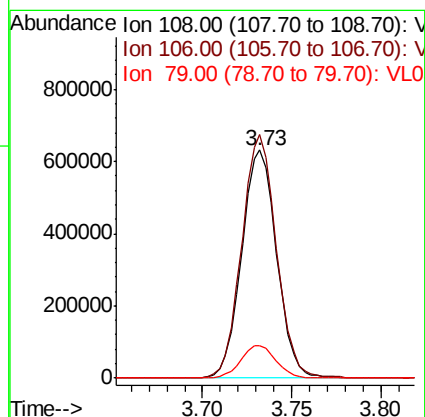
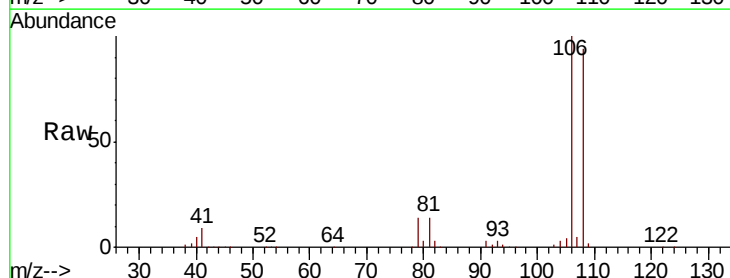
Tgt Ion: 108 Resp: 867040

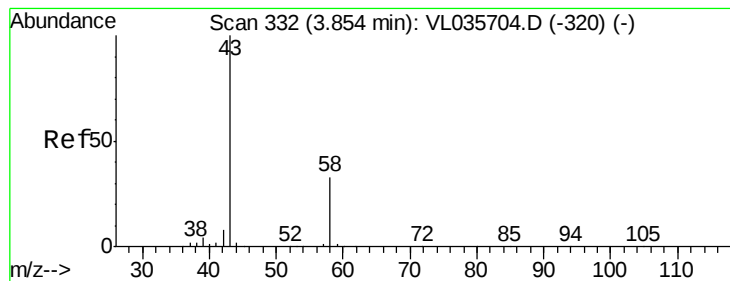
Ion Ratio Lower Upper

108 100

106 105.7 84.6 126.8

79 14.5 11.6 17.4





#15

Acetone

Concen: 8.802 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Tot Ion: 43 Resp: 1137863

Ion Ratio Lower Upper

43 100

58 34.8 27.3 40.9

Instrument :

MSVOA_L

ClientSampleId :

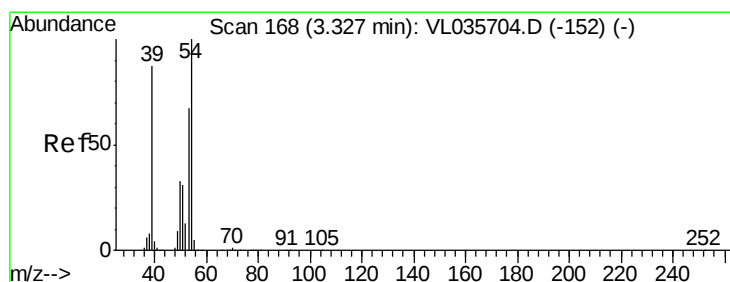
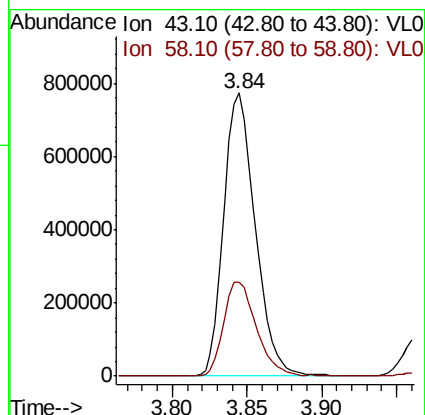
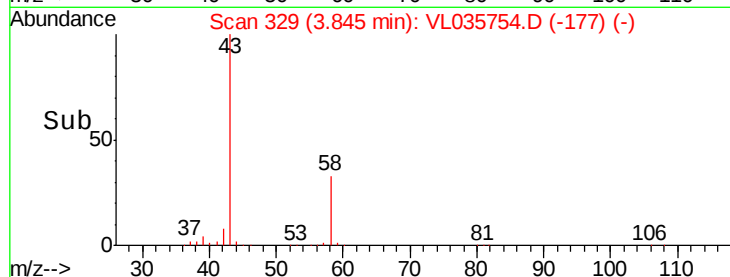
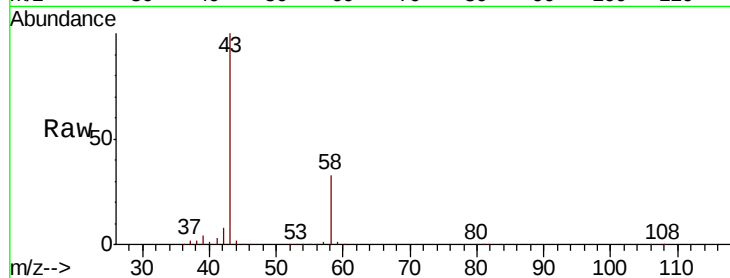
VSTDCCC010EC

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#16

1,3-Butadiene

Concen: 10.288 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.01 min

Lab File: VL035754.D

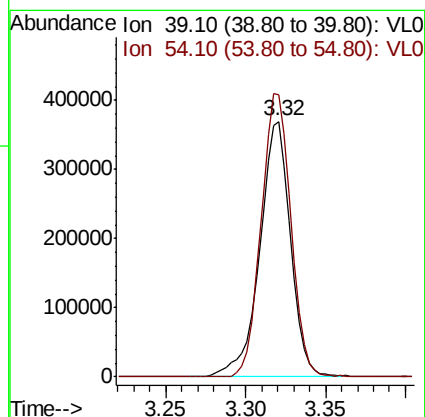
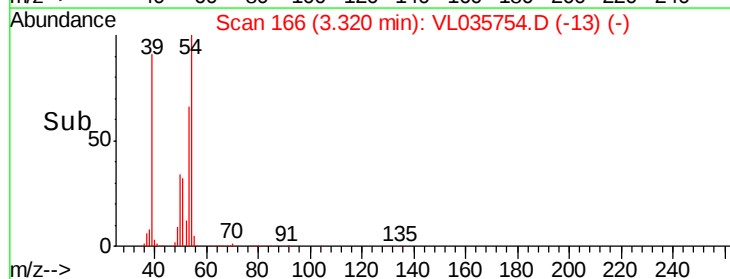
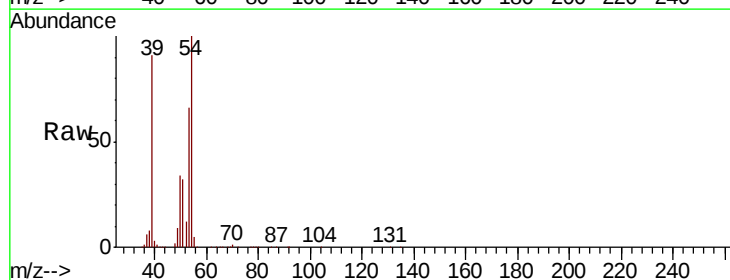
Acq: 8 Oct 2020 21:05

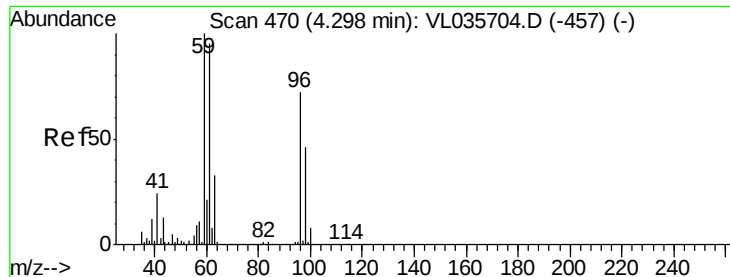
Tgt Ion: 39 Resp: 486551

Ion Ratio Lower Upper

39 100

54 107.5 87.4 131.0





#17

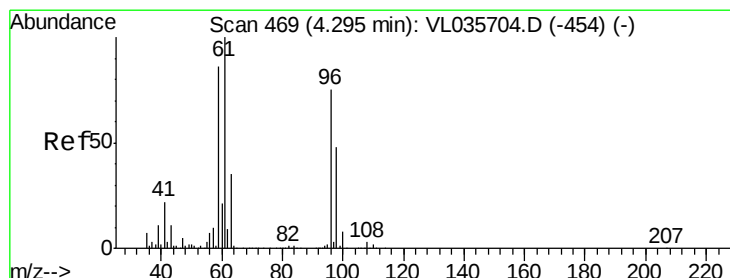
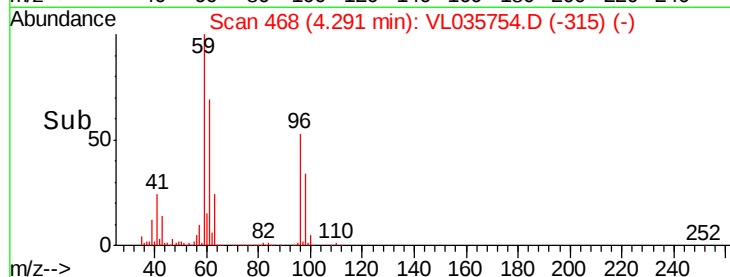
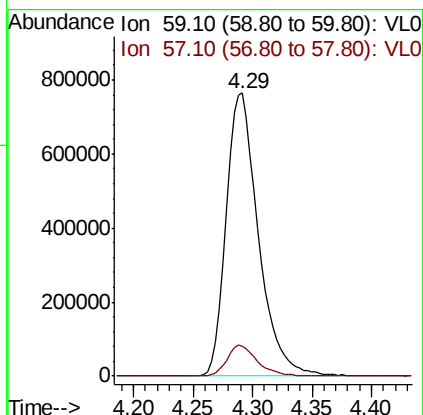
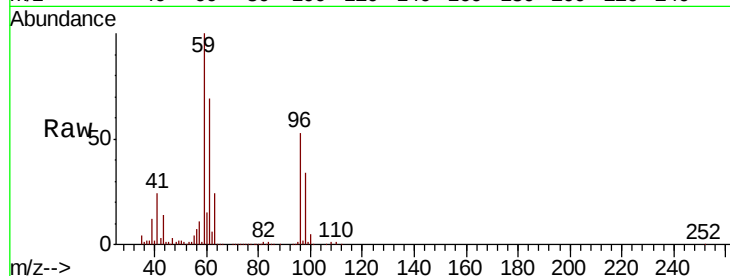
tert-Butyl alcohol
 Concen: 10.170 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 59 Resp: 1432059
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

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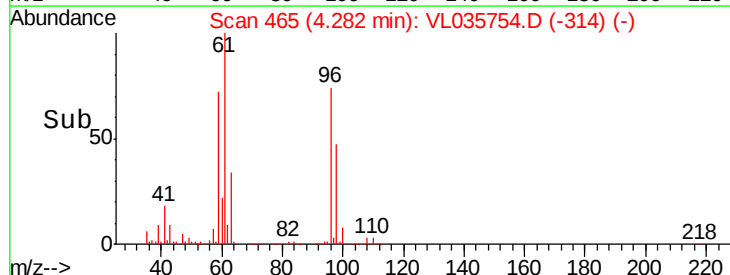
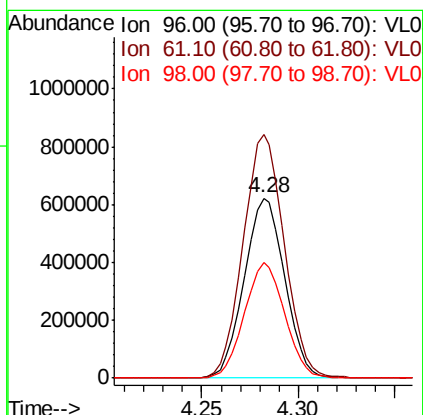
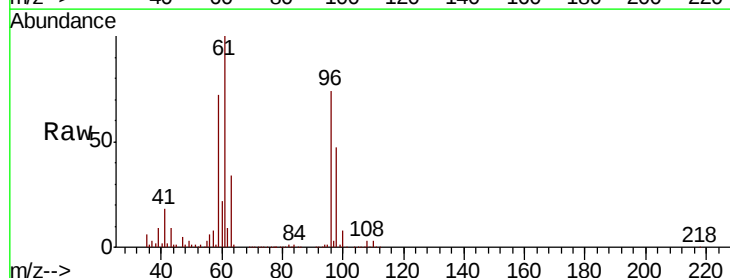
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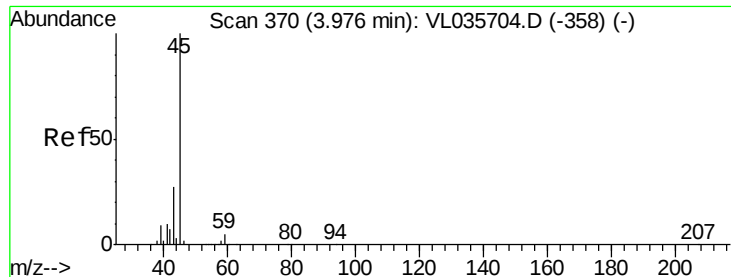


#18

1,1-Dichloroethene
 Concen: 9.922 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 96 Resp: 910853
 Ion Ratio Lower Upper
 96 100
 61 135.2 106.7 160.1
 98 64.0 50.8 76.2





#19

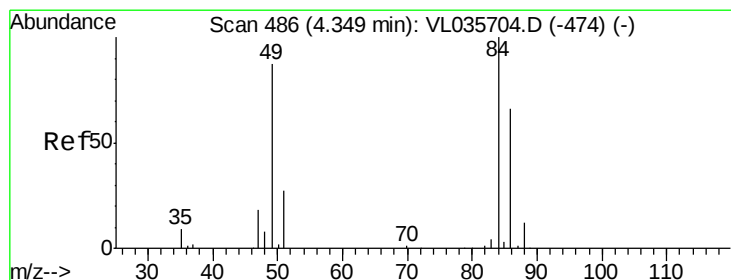
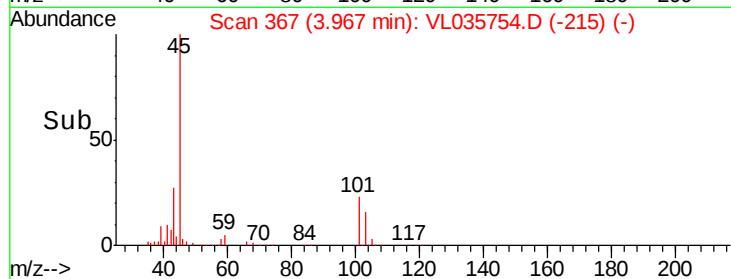
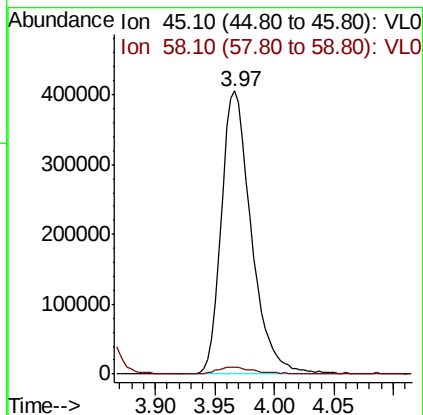
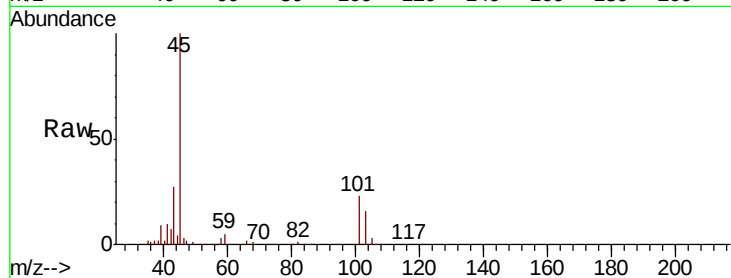
Isopropyl Alcohol
 Concen: 10.050 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
45	100		
58	3.2	2.8	4.2

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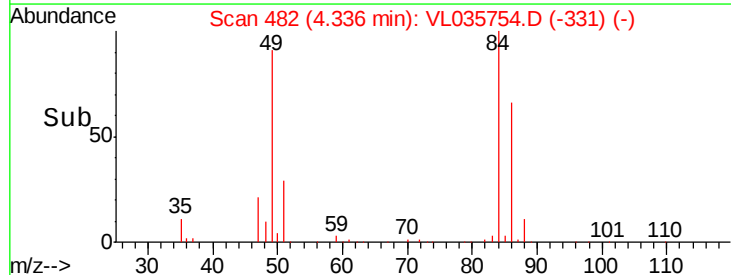
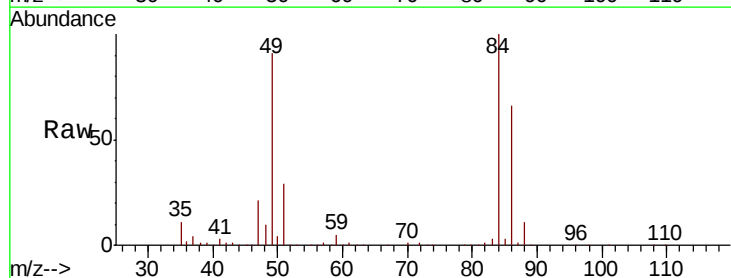
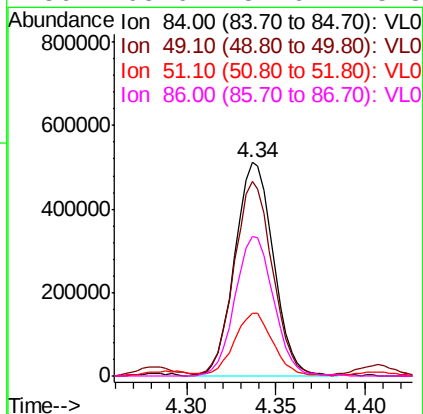
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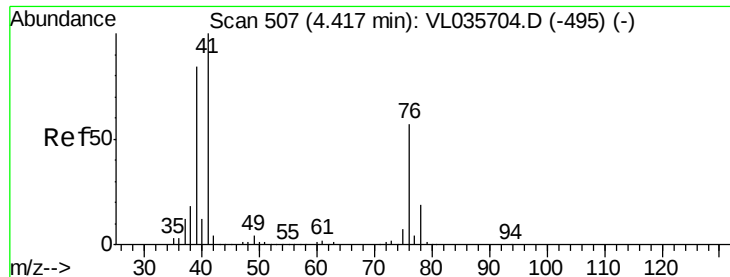


#20

Methylene Chloride
 Concen: 8.090 ppbv
 RT: 4.34 min Scan# 482
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	90.7	69.8	104.6
51	28.9	21.8	32.8
86	65.6	52.6	78.8





#21

Allvl Chloride

Concen: 10.481 ppbv

RT: 4.41 min Scan# 504

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

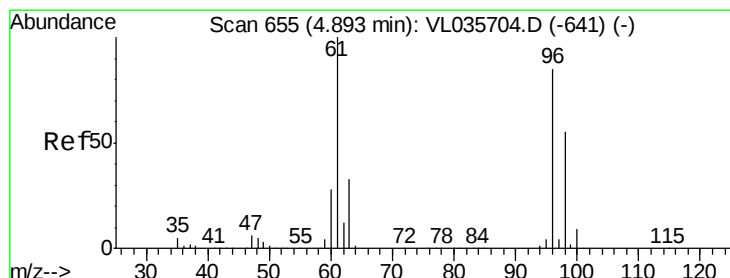
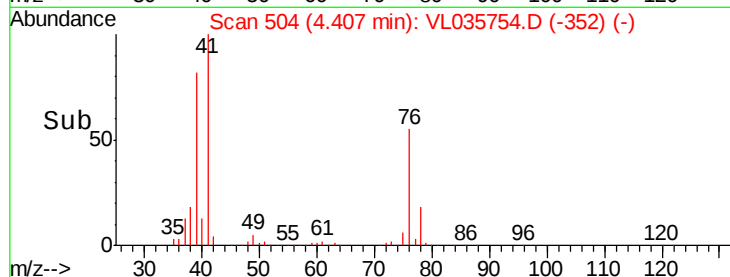
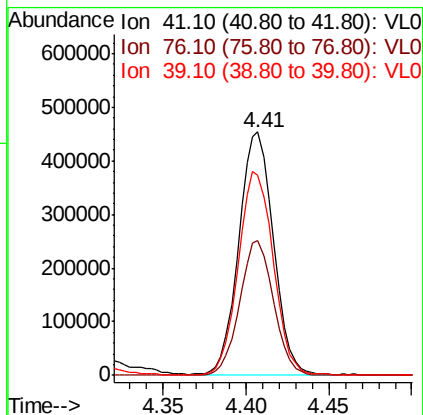
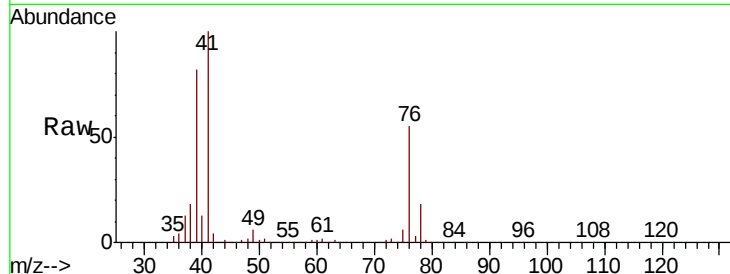
ClientSampleId :

VSTDCCC010EC

Tot Ion:	41	Resp:	656735
Ion	Ratio	Lower	Upper
41	100		
76	54.7	44.8	67.2
39	85.4	68.4	102.6

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#22

trans-1,2-Dichloroethene

Concen: 9.804 ppbv

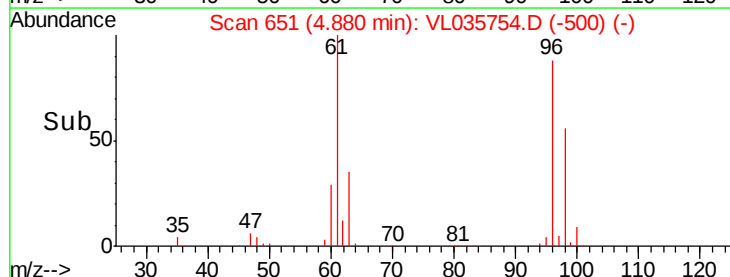
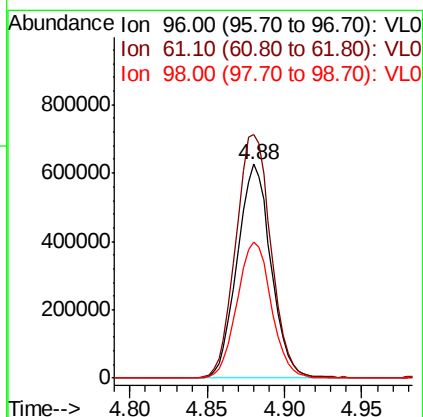
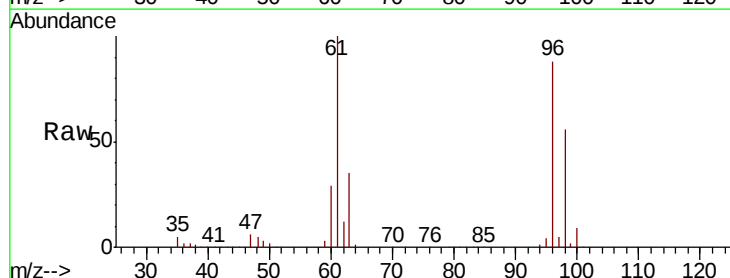
RT: 4.88 min Scan# 651

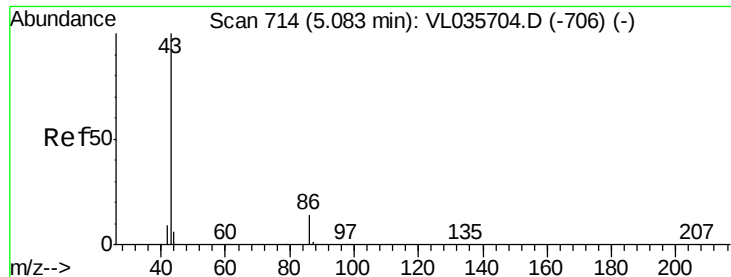
Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Tgt Ion:	96	Resp:	950902
Ion	Ratio	Lower	Upper
96	100		
61	113.8	93.7	140.5
98	63.8	51.2	76.8





#23

Vinyl Acetate

Concen: 10.792 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 1708875

Ion Ratio Lower Upper

43 100

86 12.5 9.7 14.5

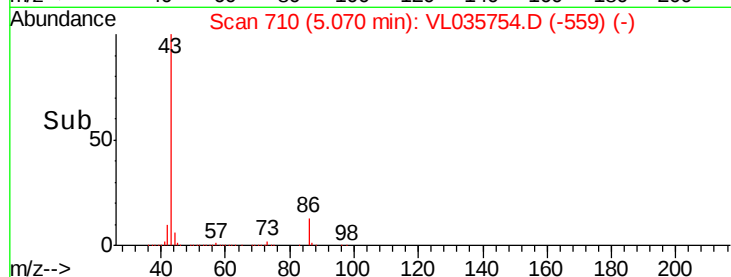
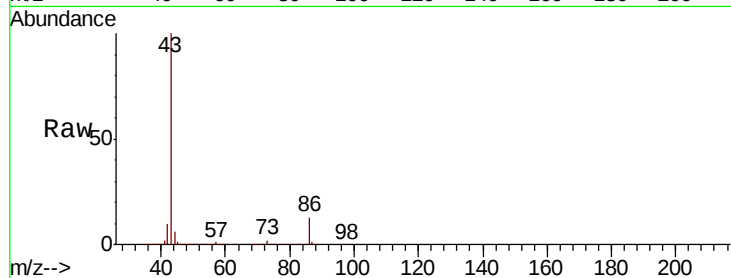
42 9.9 7.9 11.9

44 6.2 4.8 7.2

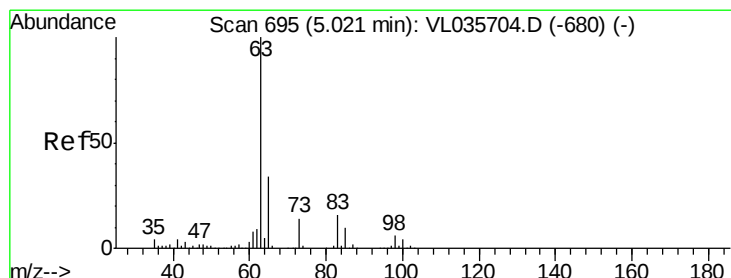
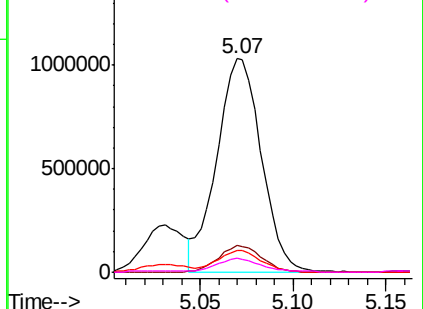
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Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.506 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

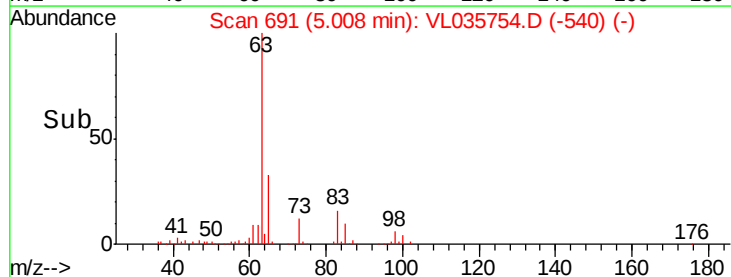
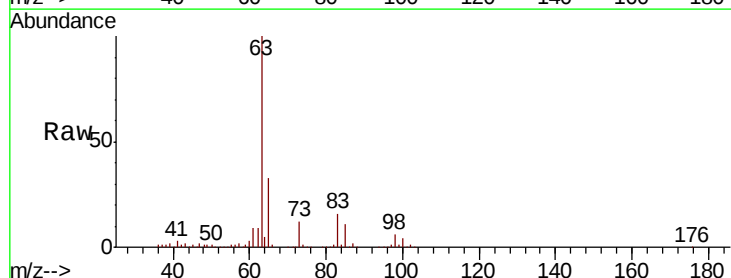
Tgt Ion: 63 Resp: 1639472

Ion Ratio Lower Upper

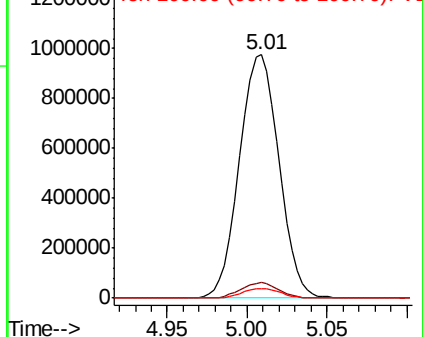
63 100

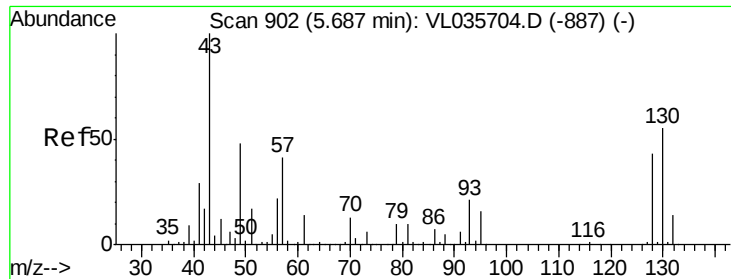
98 6.3 3.3 9.8

100 4.0 2.0 5.8



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





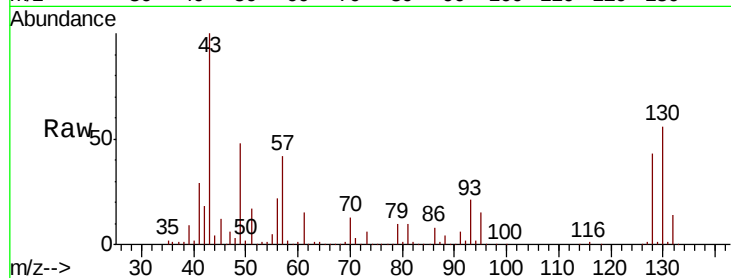
#25
Ethyl Acetate
Concen: 9.632 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:	43	Resp:	2240631
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.6	12.8
61	13.2	10.4	15.6
70	11.3	8.9	13.3

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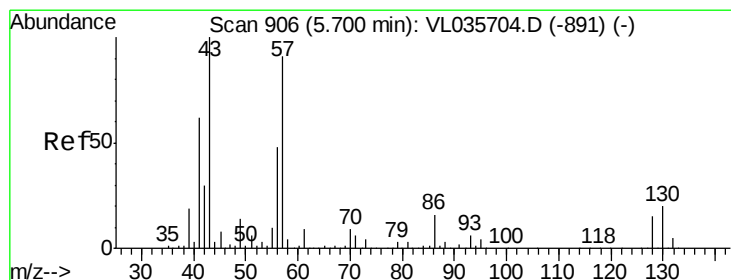
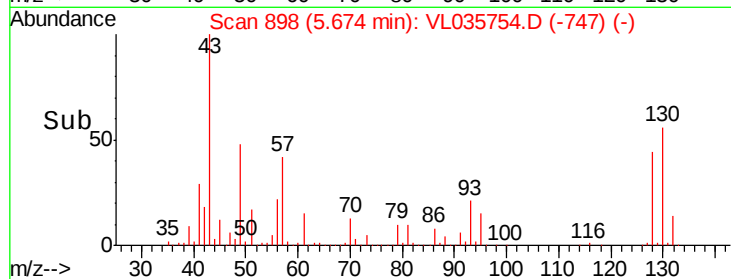
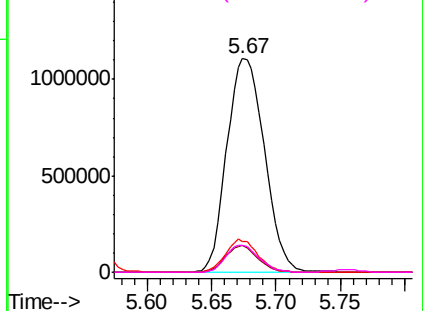
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.757 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion:	57	Resp:	1243758
Ion	Ratio	Lower	Upper
57	100		
41	72.4	57.9	86.9
43	180.9	143.8	215.6
56	52.8	43.0	64.6

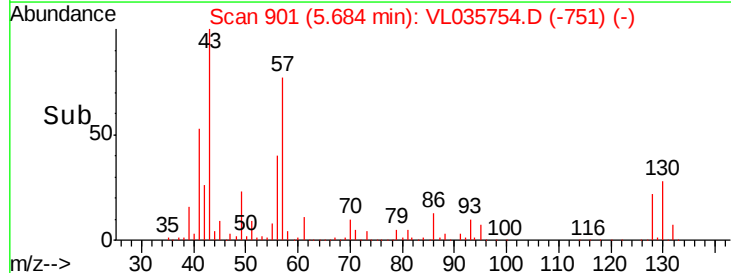
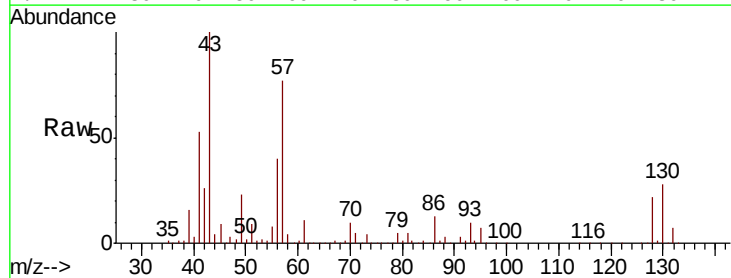
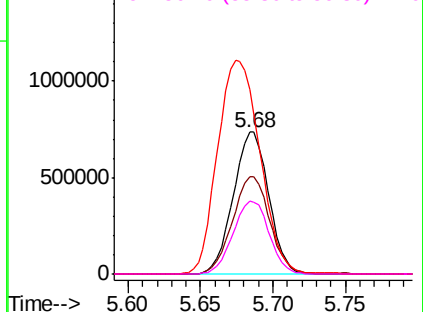
Abundance

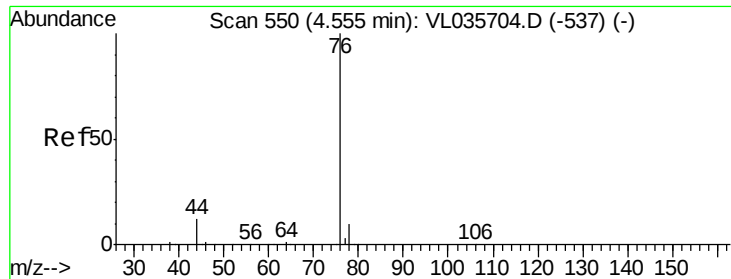
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





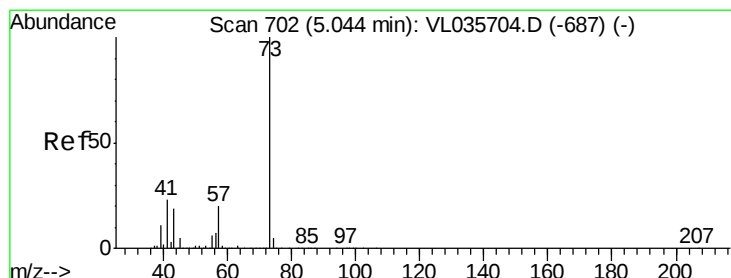
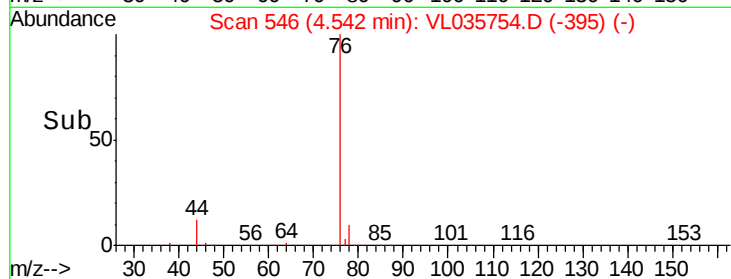
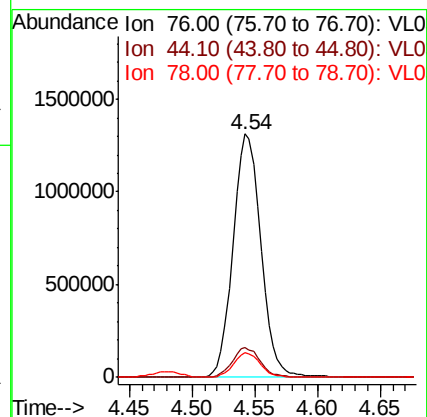
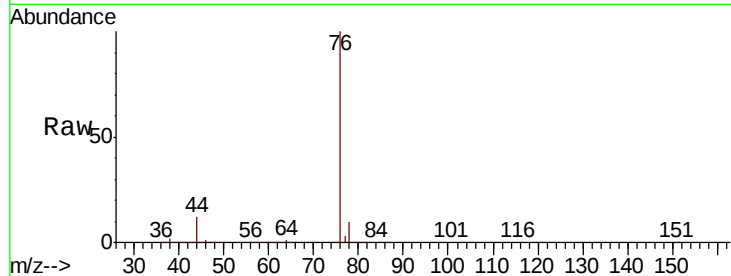
#27
Carbon Disulfide
Concen: 10.678 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
76	100		
44	12.0	9.7	14.5
78	9.6	7.8	11.8

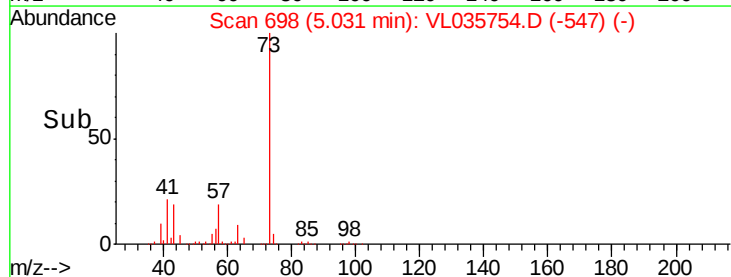
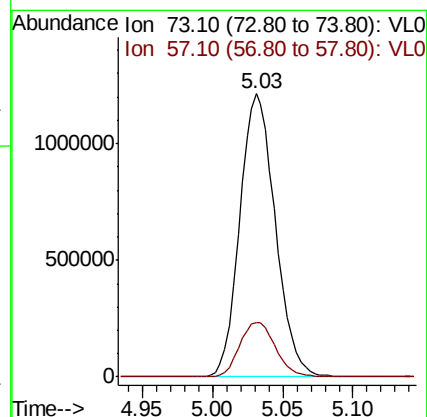
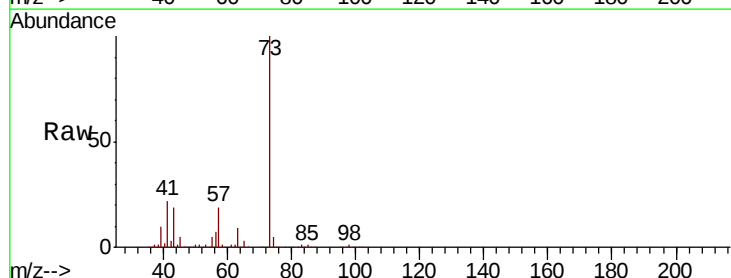
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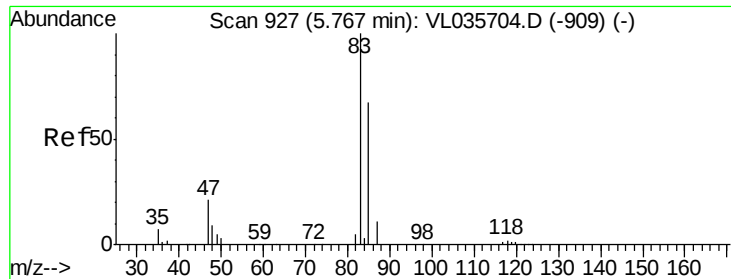
apatel
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#28
Methyl tert-Butyl Ether
Concen: 10.590 ppbv
RT: 5.03 min Scan# 698
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion	Ratio	Lower	Upper
73	100		
57	19.7	15.6	23.4





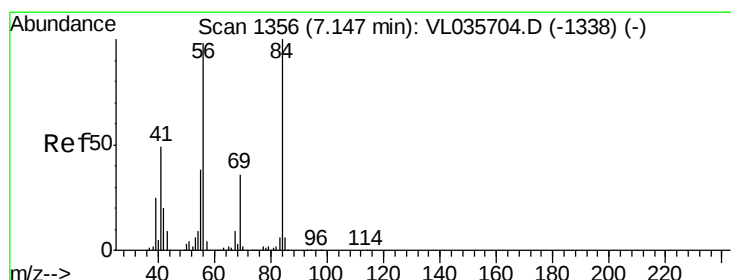
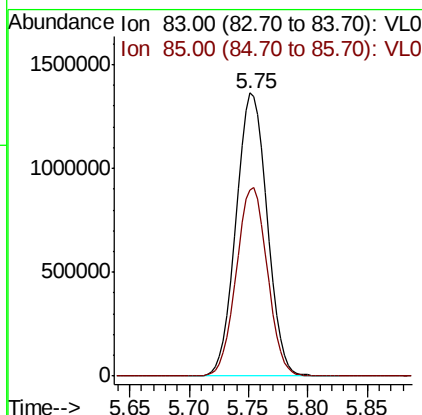
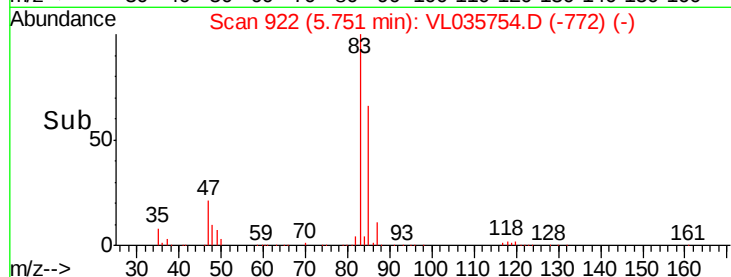
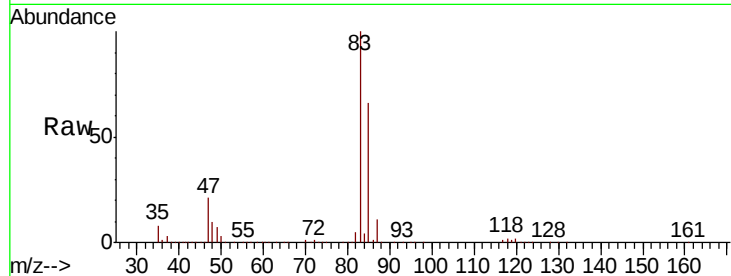
#29
Chloroform
Concen: 9.548 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 83 Resp: 2471569
Ion Ratio Lower Upper
83 100
85 65.6 54.0 81.0

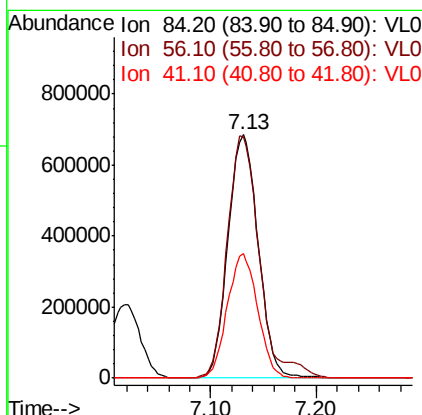
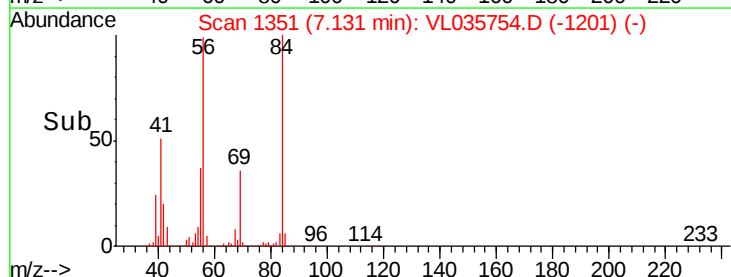
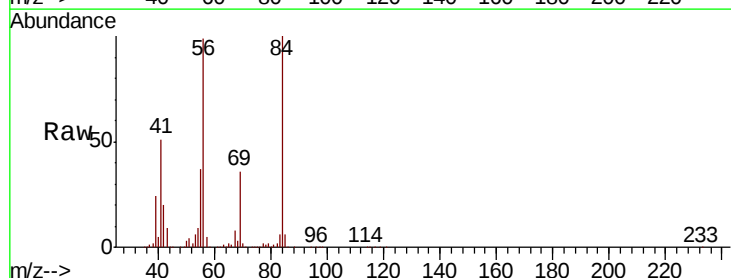
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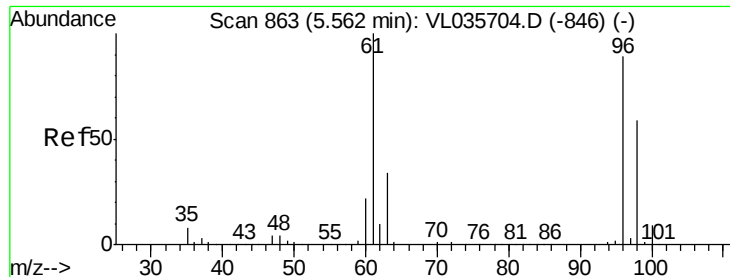
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#30
Cyclohexane
Concen: 10.815 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 84 Resp: 1360191
Ion Ratio Lower Upper
84 100
56 105.4 84.6 127.0
41 51.3 41.1 61.7





#31

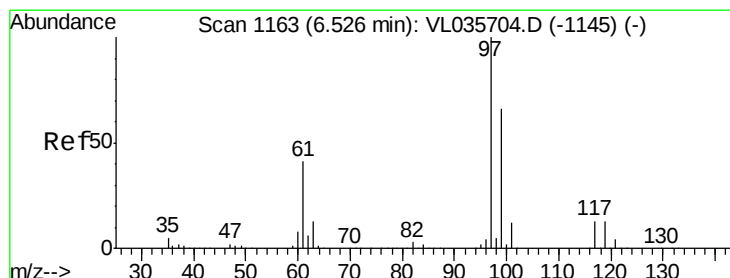
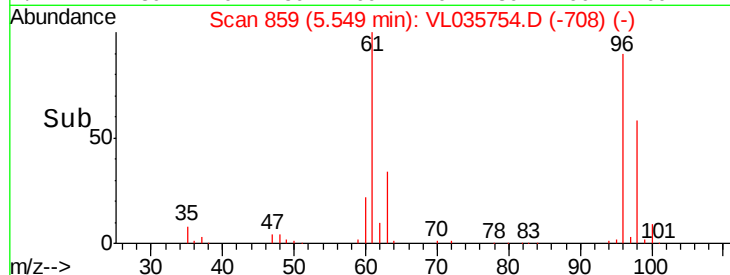
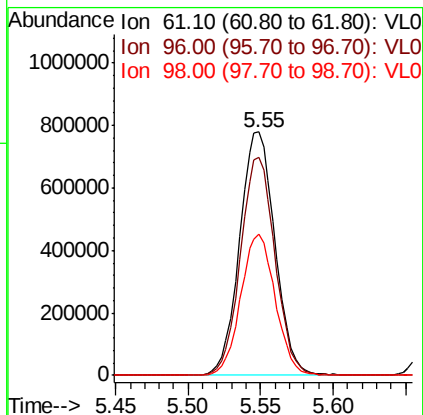
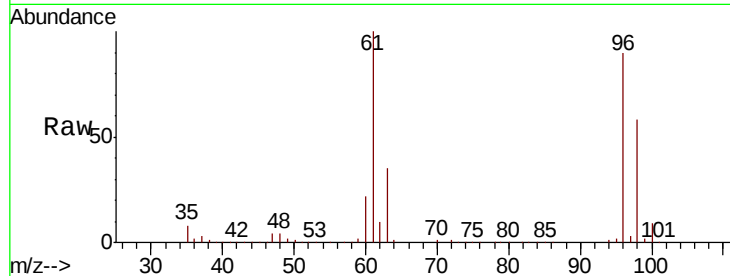
cis-1,2-Dichloroethene
 Concen: 10.727 ppbv
 RT: 5.55 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 61 Resp: 1320021
 Ion Ratio Lower Upper
 61 100
 96 89.7 71.4 107.2
 98 58.1 47.4 71.2

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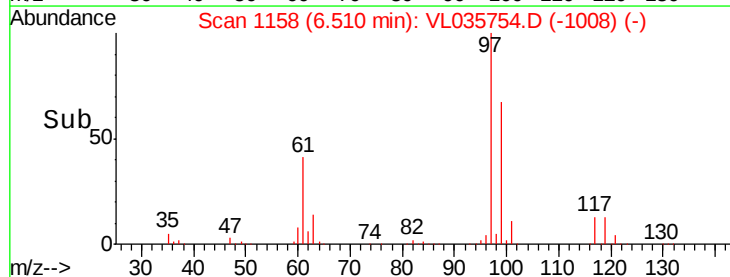
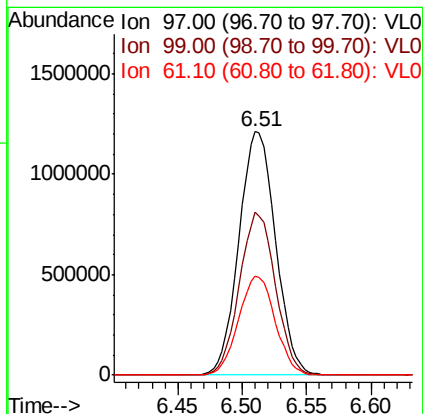
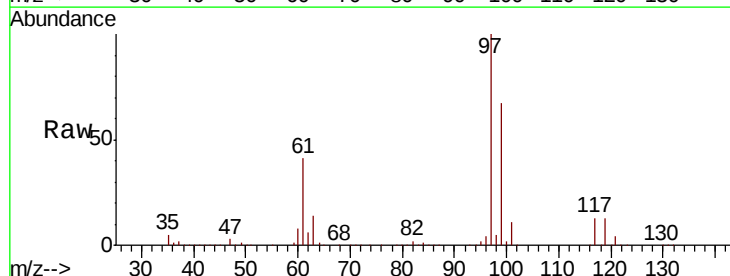
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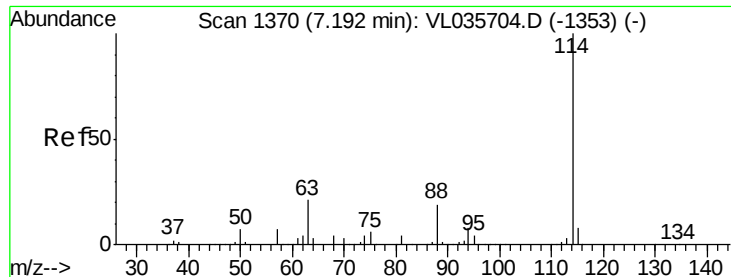


#32

1,1,1-Trichloroethane
 Concen: 10.525 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 97 Resp: 2401763
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.7 79.1
 61 40.7 32.7 49.1





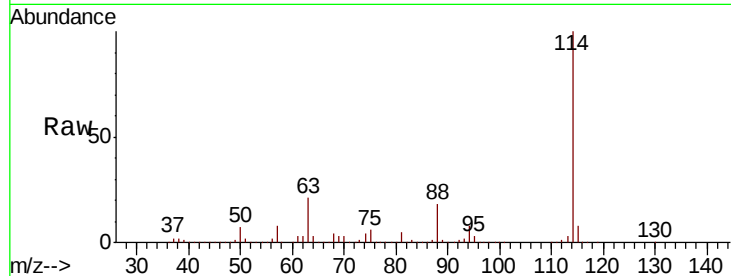
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

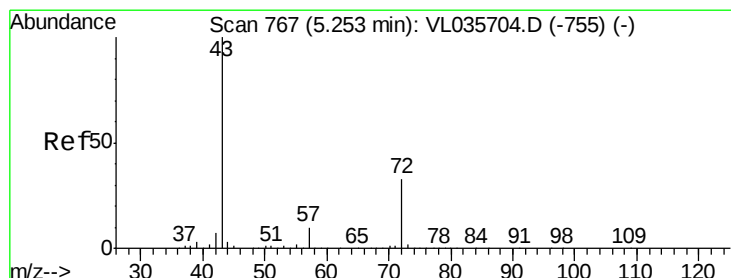
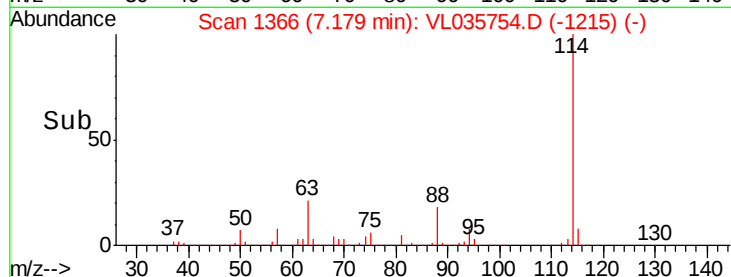
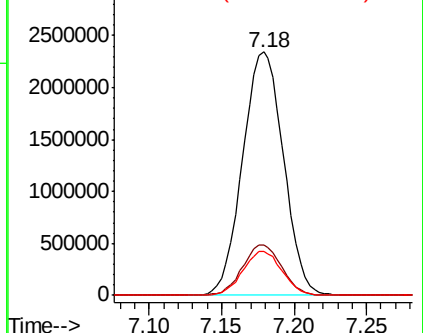
Tot Ion:114 Resp: 4596726
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.1 24.1
 88 17.4 14.1 21.1

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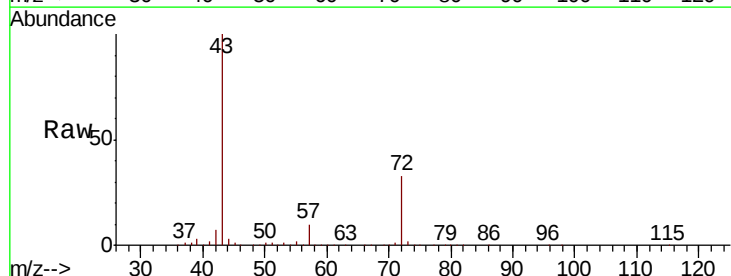


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

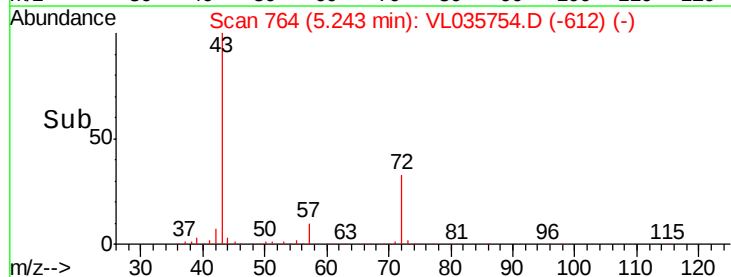
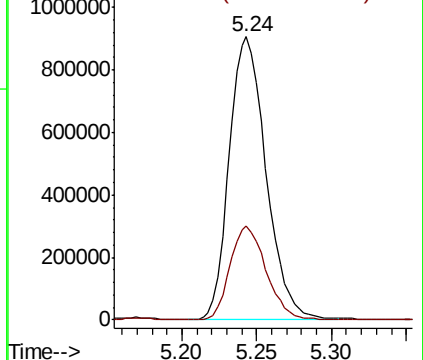


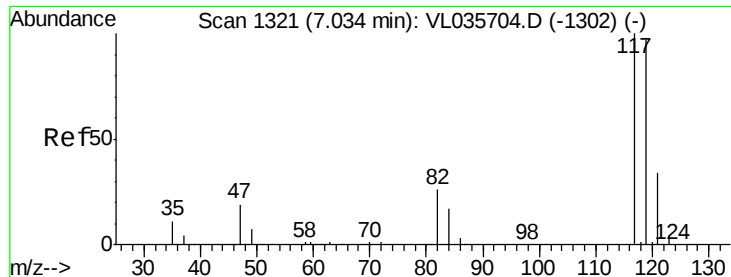
#34
 2-Butanone
 Concen: 10.171 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 43 Resp: 1546387
 Ion Ratio Lower Upper
 43 100
 72 32.9 26.1 39.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





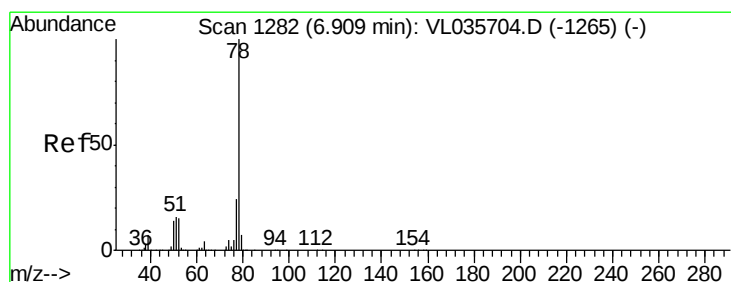
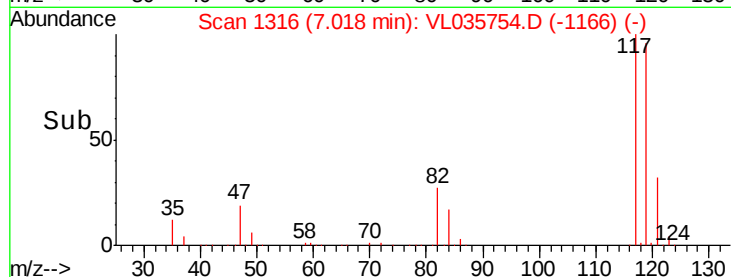
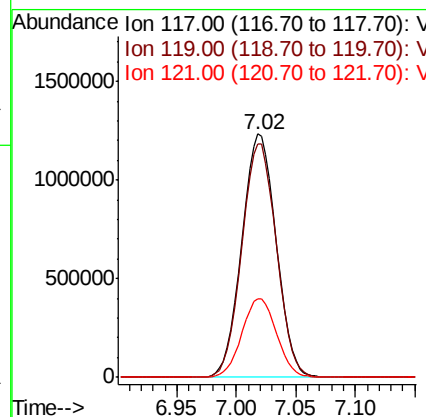
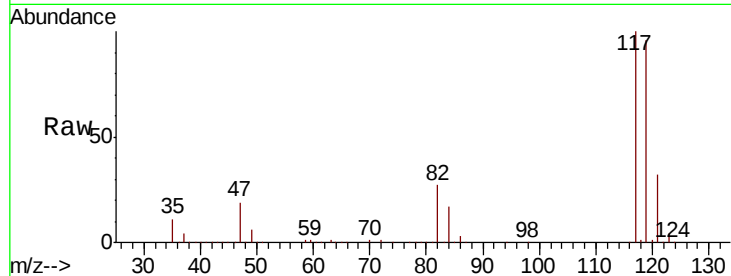
#35
Carbon Tetrachloride
Concen: 10.298 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:117 Resp: 2467960
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5
121 32.0 26.9 40.3

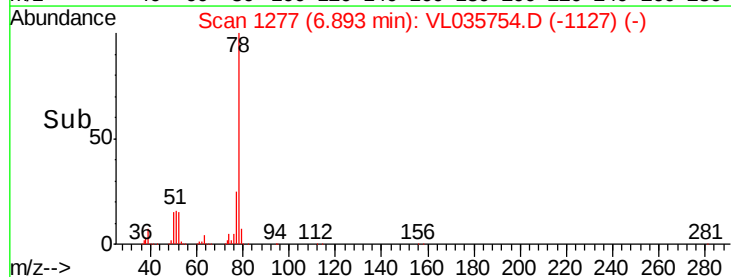
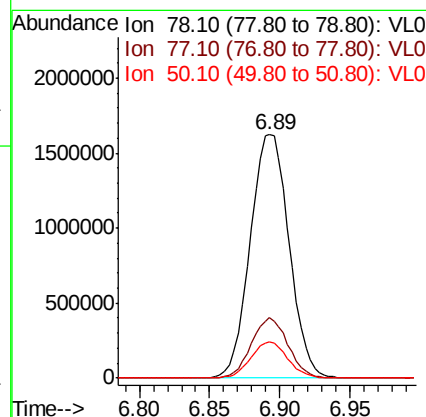
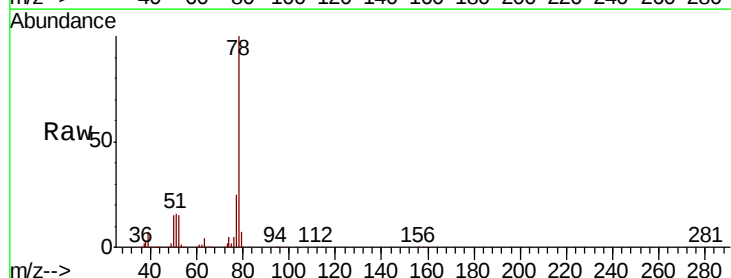
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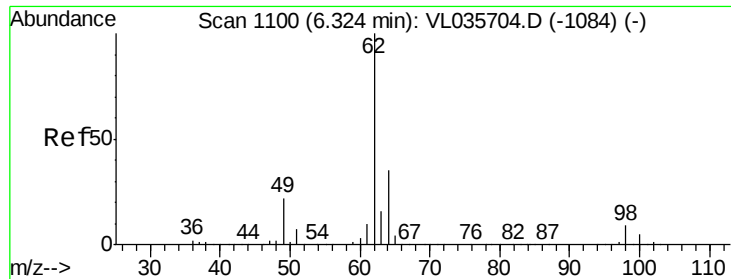
apatel
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#36
Benzene
Concen: 10.468 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 78 Resp: 3135324
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9
50 14.7 11.6 17.4





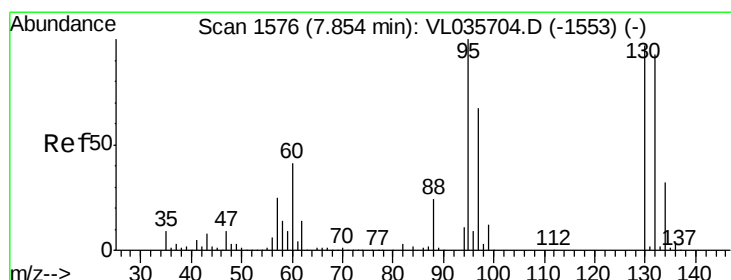
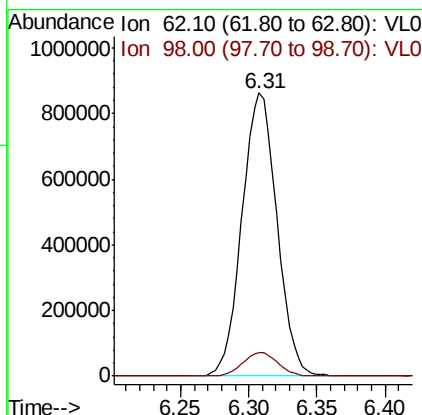
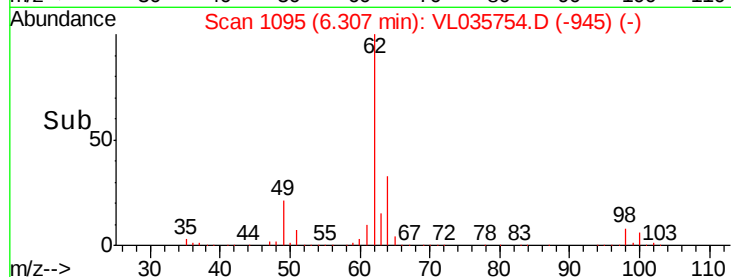
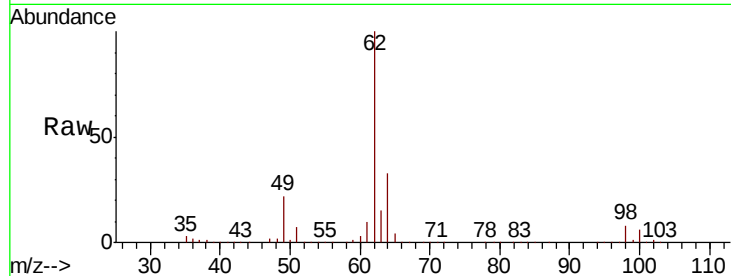
#37
 1,2-Dichloroethane
 Concen: 9.842 ppbv
 RT: 6.31 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 62 Resp: 1536426
 Ion Ratio Lower Upper
 62 100
 98 8.4 6.9 10.3

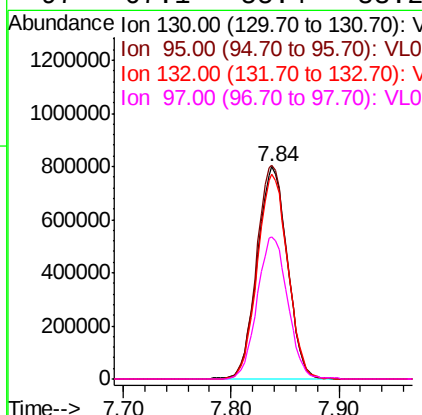
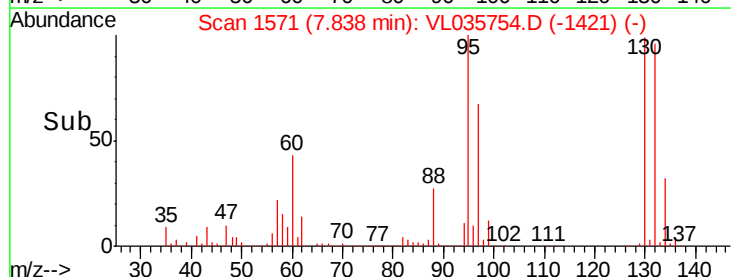
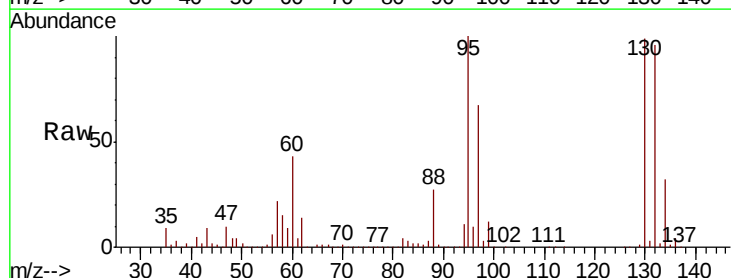
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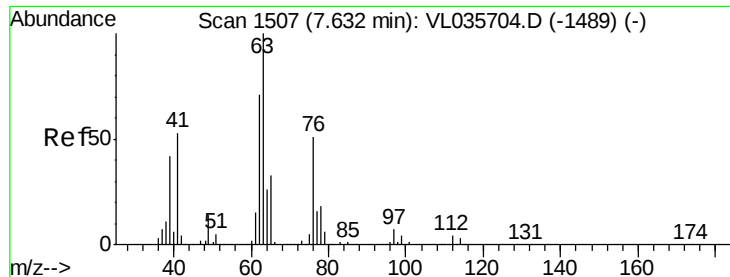
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#38
 Trichloroethene
 Concen: 10.365 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 130 Resp: 1548775
 Ion Ratio Lower Upper
 130 100
 95 100.6 82.4 123.6
 132 96.6 76.8 115.2
 97 67.1 55.4 83.2





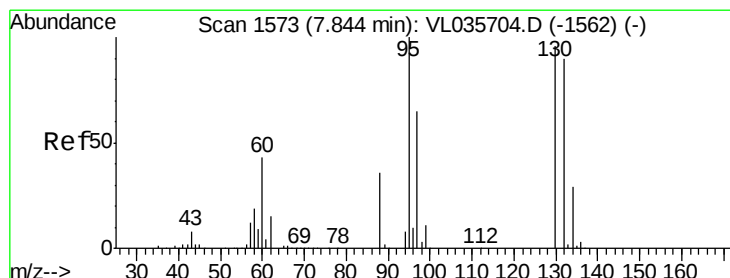
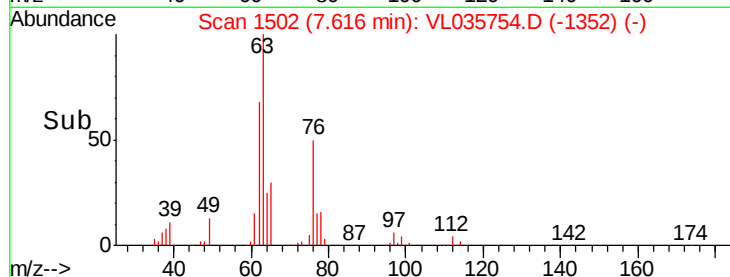
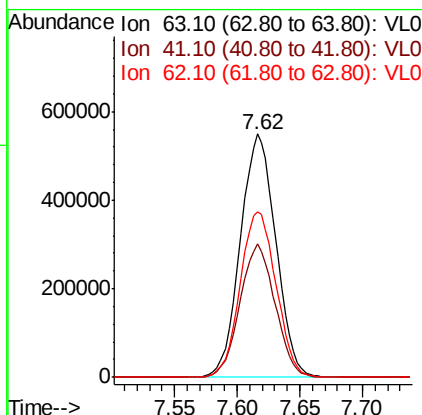
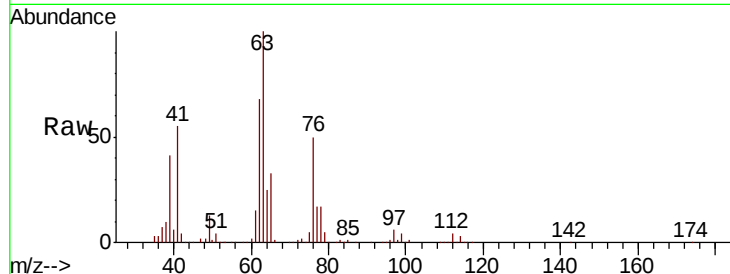
#39
 1,2-Dichloropropane
 Concen: 9.928 ppbv
 RT: 7.62 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
63	100		
41	54.8	42.6	63.8
62	67.8	56.5	84.7

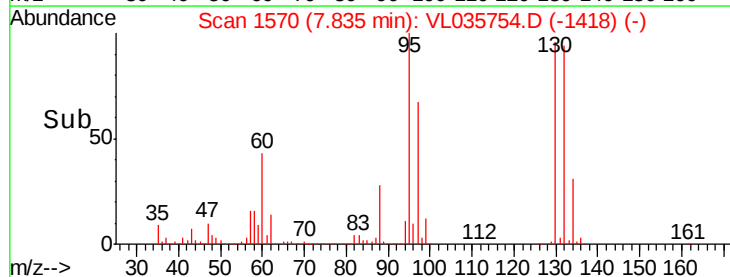
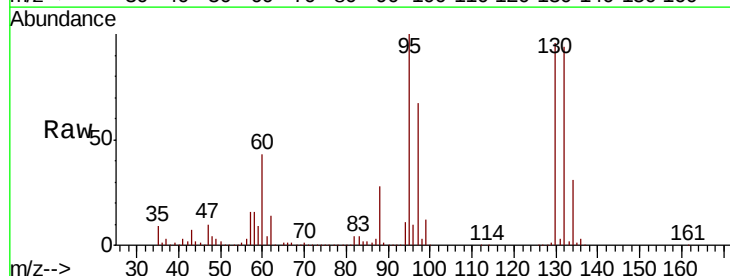
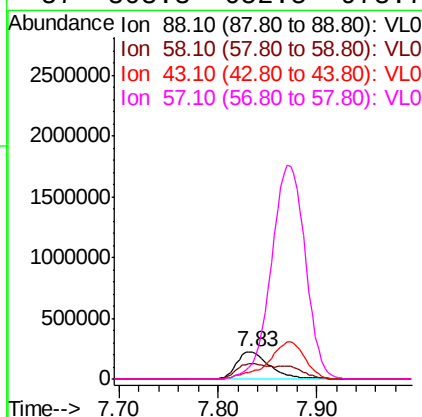
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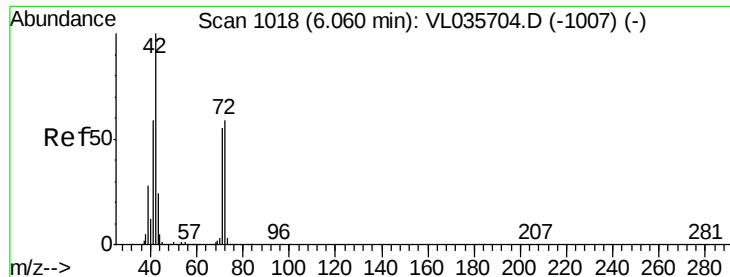
apatel
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#40
 1,4-Dioxane
 Concen: 10.590 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.9	76.2	114.4
43	150.8	123.4	185.2
57	803.3	652.5	978.7





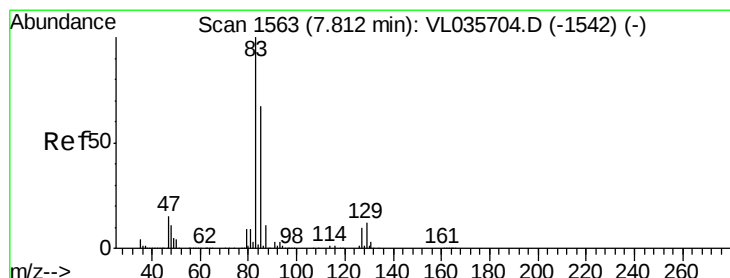
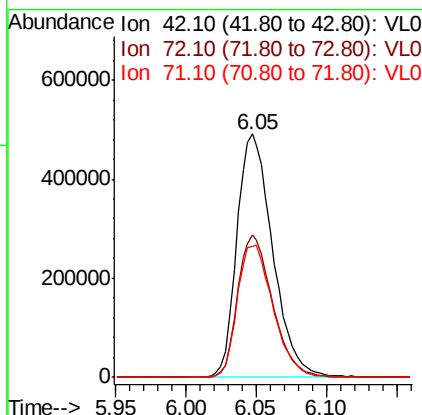
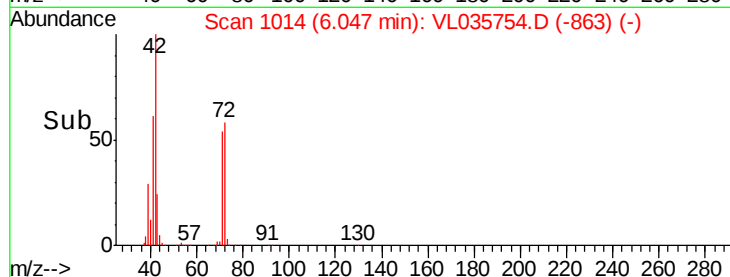
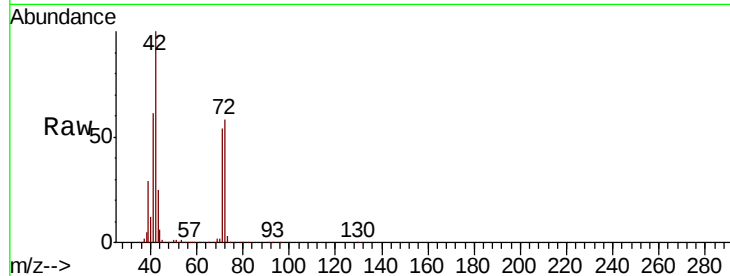
#41
Tetrahydrofuran
Concen: 11.366 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.5	46.2	69.4
71	55.0	44.2	66.4

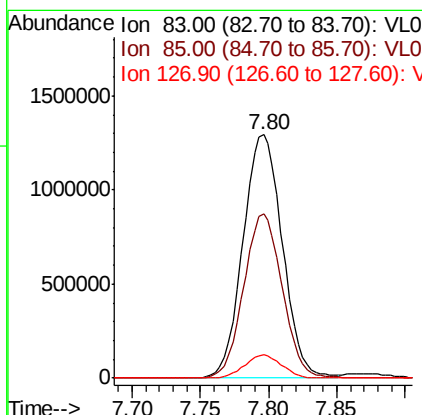
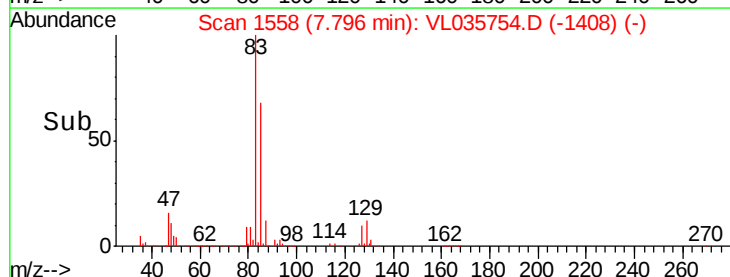
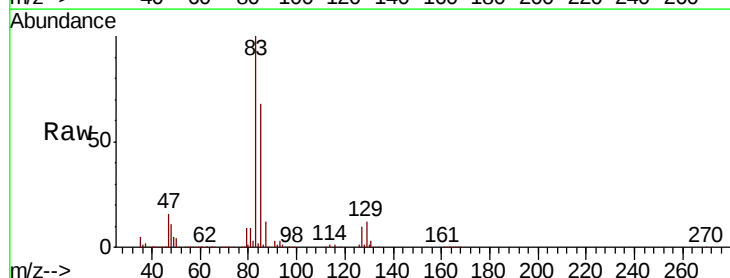
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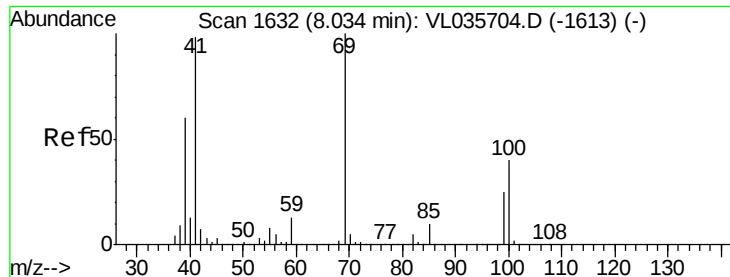
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#42
Bromodichloromethane
Concen: 10.316 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	53.4	80.0
127	9.5	7.8	11.6





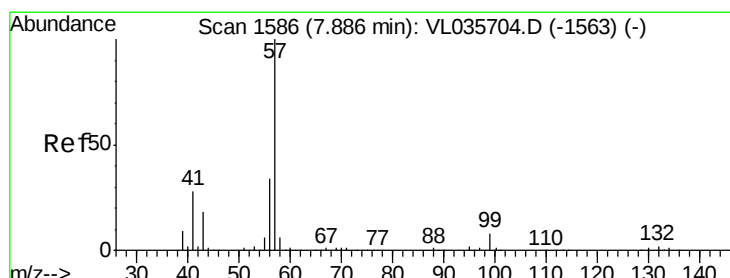
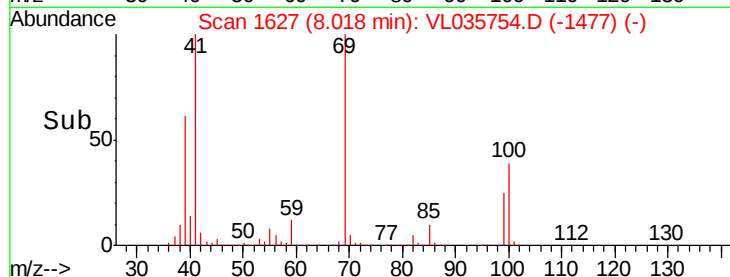
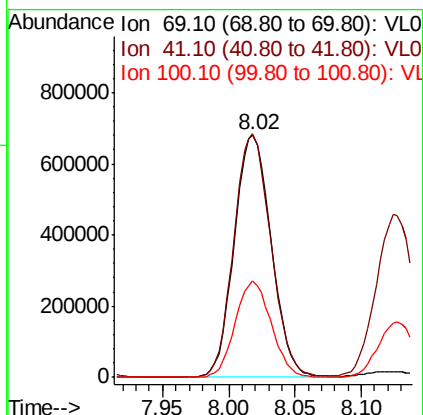
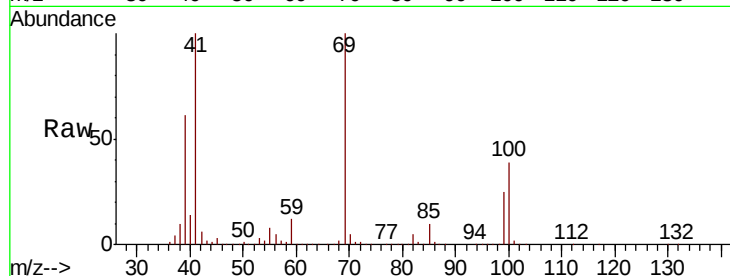
#43
Methyl Methacrylate
Concen: 11.060 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 69 Resp: 1317506
Ion Ratio Lower Upper
69 100
41 100.8 79.8 119.6
100 38.8 30.6 46.0

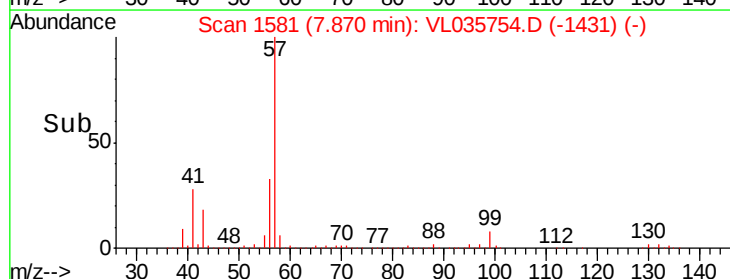
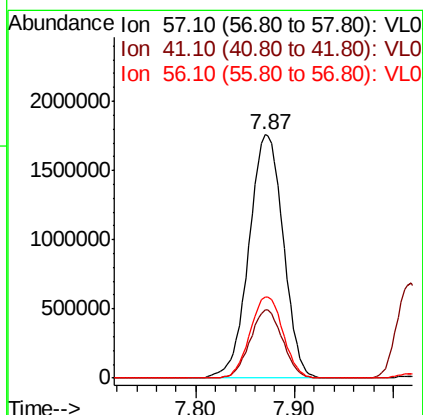
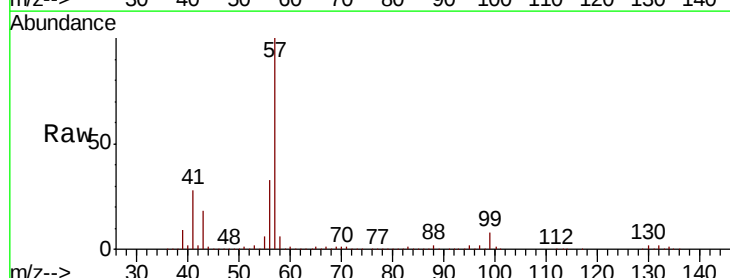
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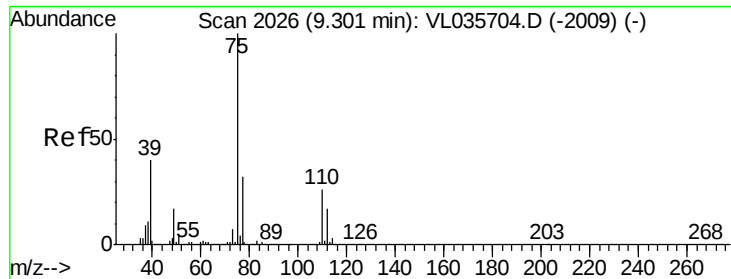
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#44
2,2,4-Trimethylpentane
Concen: 9.821 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 57 Resp: 4221290
Ion Ratio Lower Upper
57 100
41 26.6 21.2 31.8
56 32.1 25.8 38.8





#45

t-1,3-Dichloropropene

Concen: 12.487 ppbv

RT: 9.28 min Scan# 2021

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Tot Ion: 75 Resp: 1501802

Ion Ratio Lower Upper

75 100

77 33.9 25.9 38.9

Instrument :

MSVOA_L

ClientSampleId :

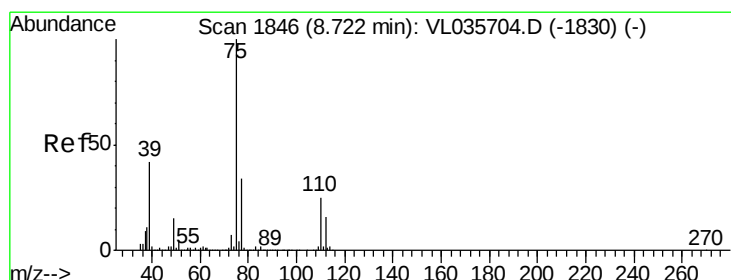
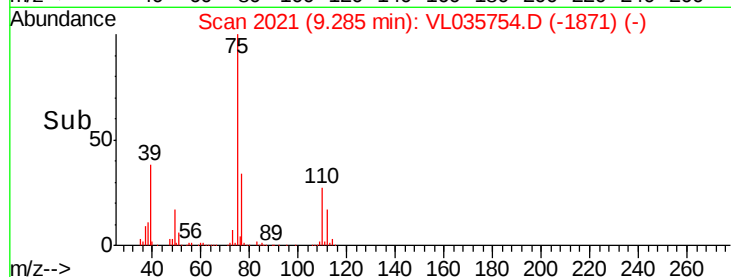
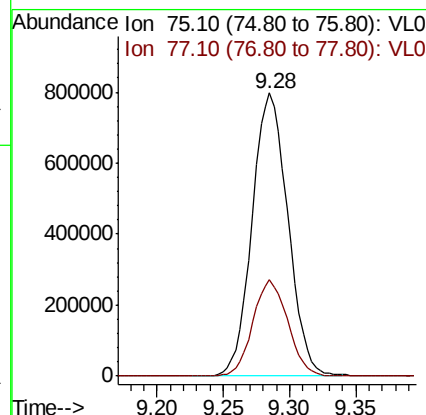
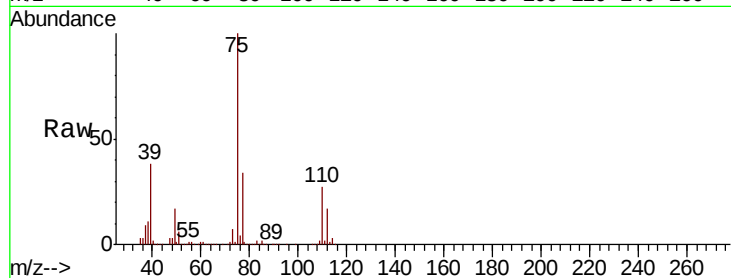
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#46

cis-1,3-Dichloropropene

Concen: 11.970 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

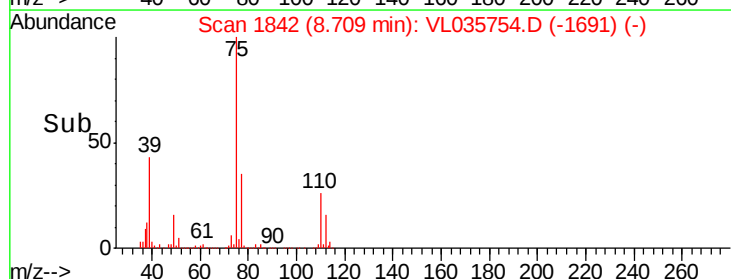
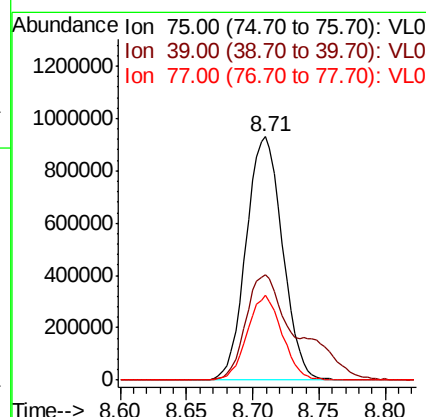
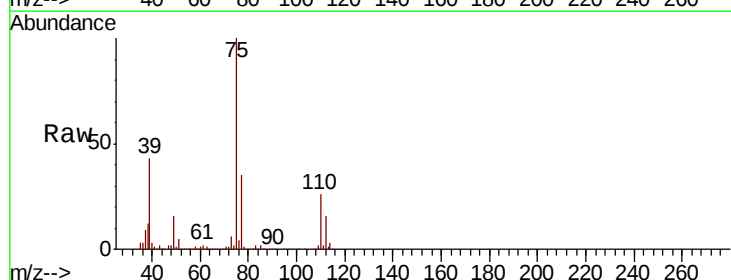
Tgt Ion: 75 Resp: 1774551

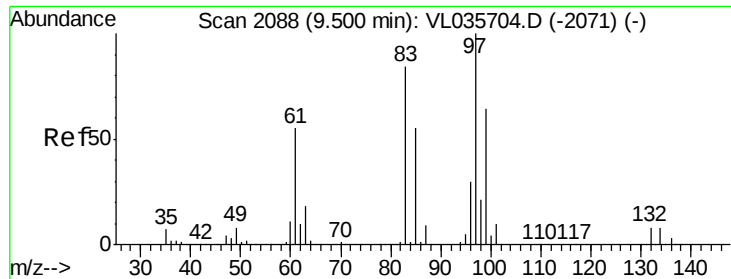
Ion Ratio Lower Upper

75 100

39 43.5 33.9 50.9

77 34.7 27.4 41.0





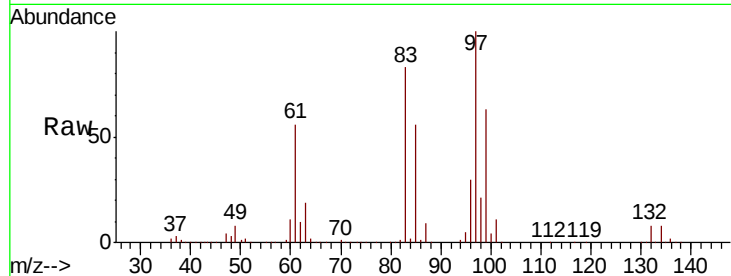
#47
 1,1,2-Trichloroethane
 Concen: 9.754 ppbv
 RT: 9.48 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

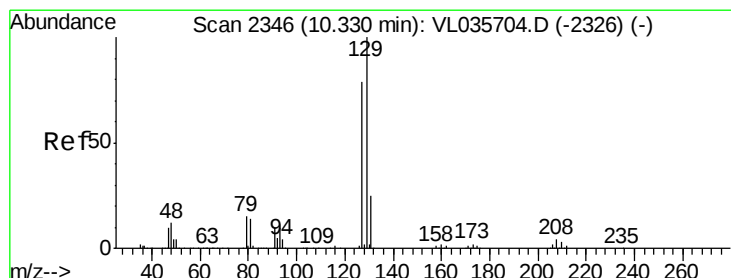
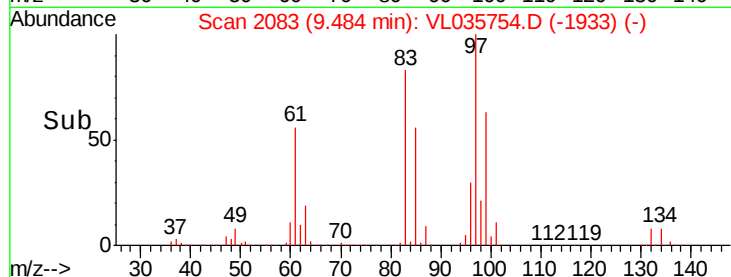
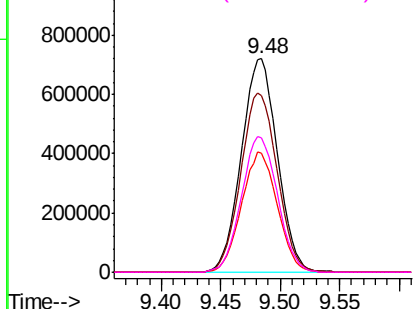
Tot Ion: 97 Resp: 1516753
 Ion Ratio Lower Upper
 97 100
 83 82.9 67.1 100.7
 85 55.9 43.9 65.9
 99 63.1 51.3 76.9

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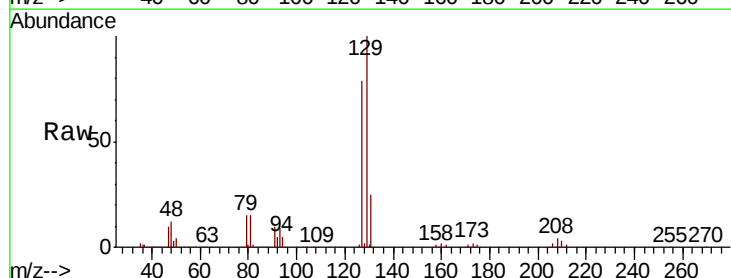


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

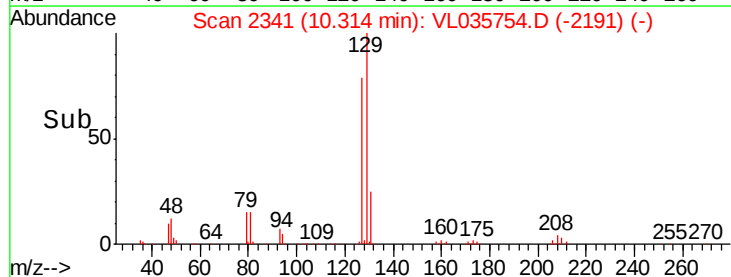
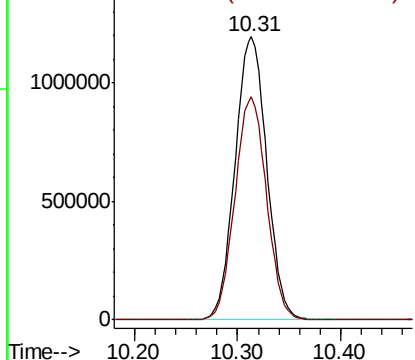


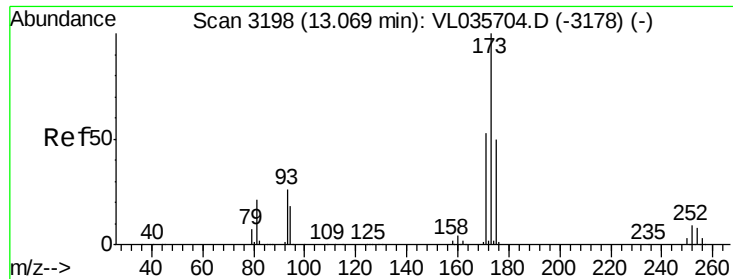
#48
 Dibromochloromethane
 Concen: 10.805 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 129 Resp: 2557155
 Ion Ratio Lower Upper
 129 100
 127 78.8 39.4 118.1



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





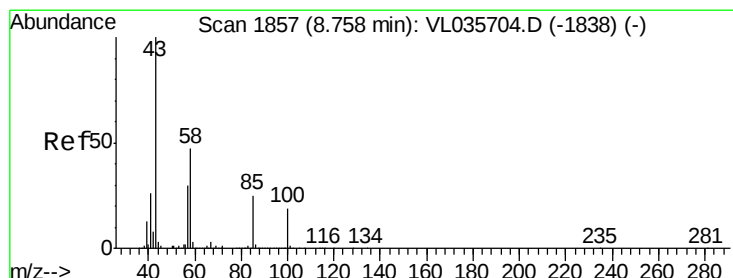
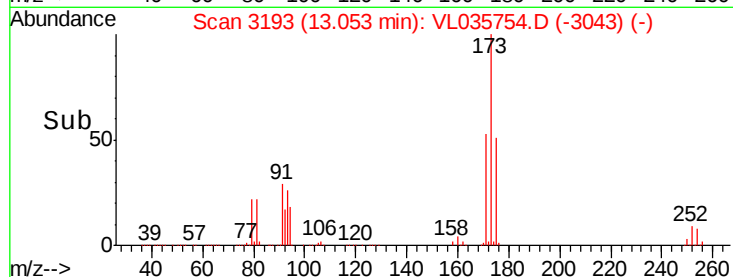
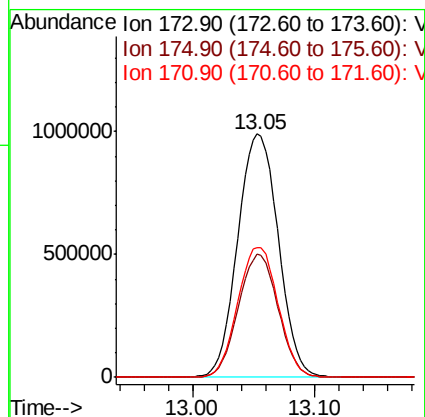
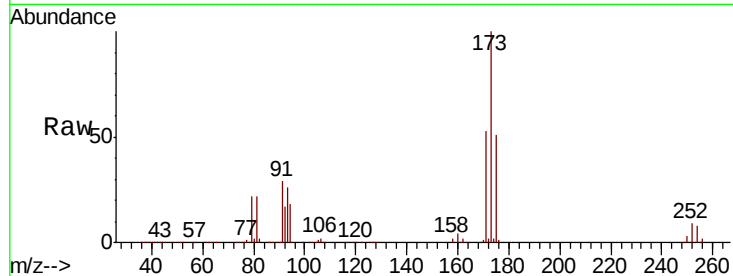
#49
Bromoform
Concen: 11.350 ppbv
RT: 13.05 min Scan# 3193
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:173 Resp: 2279296
Ion Ratio Lower Upper
173 100
175 49.9 39.8 59.6
171 53.3 42.8 64.2

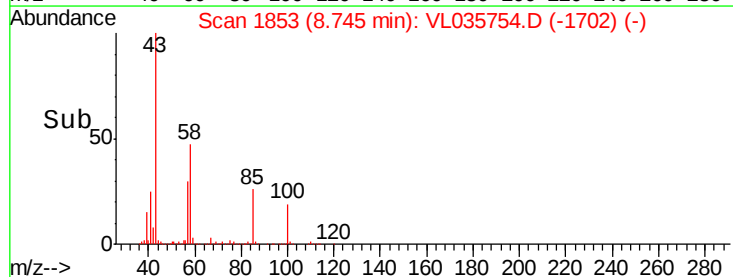
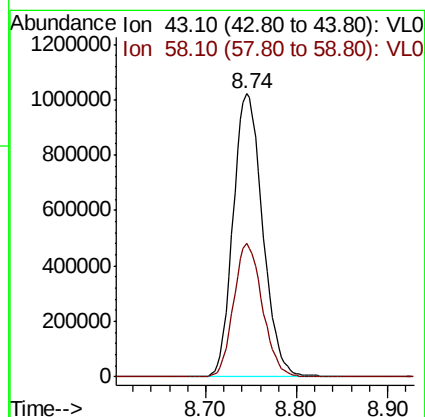
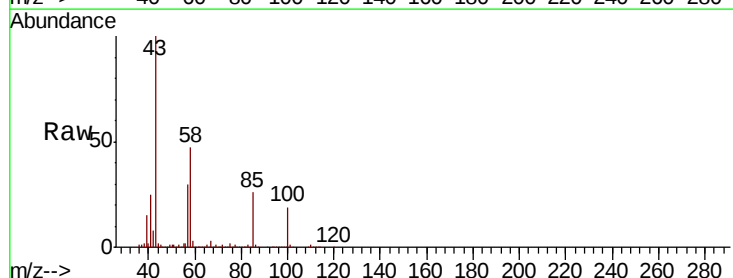
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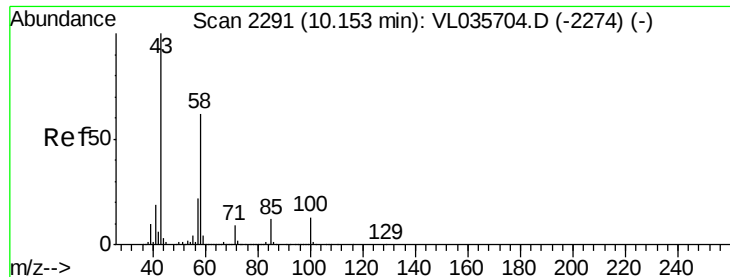
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#50
4-Methyl-2-Pentanone
Concen: 10.376 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 43 Resp: 2304087
Ion Ratio Lower Upper
43 100
58 46.0 36.6 54.8





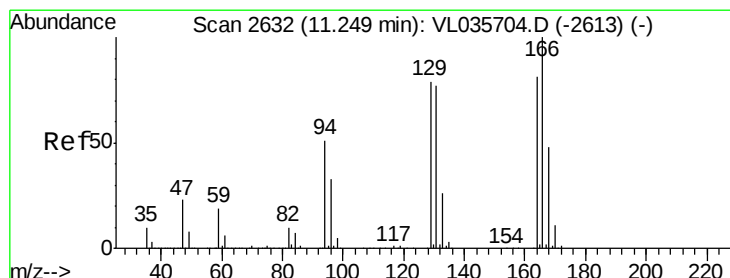
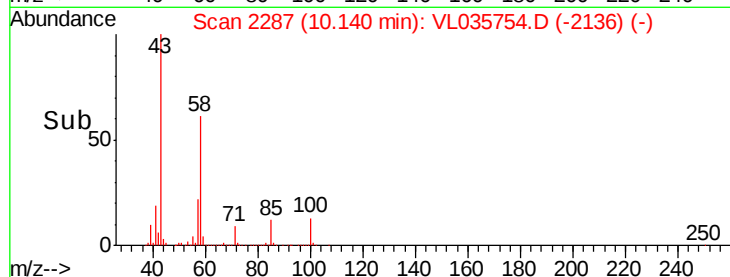
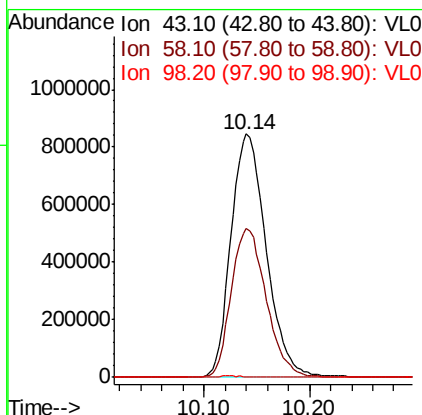
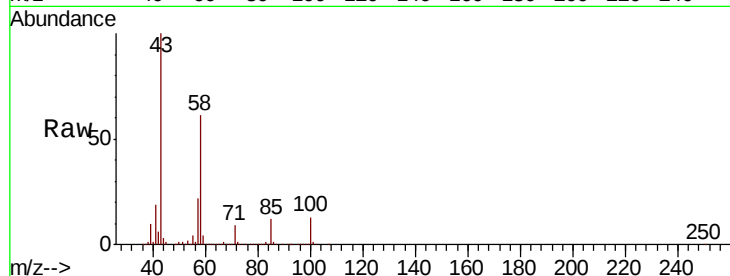
#51
2-Hexanone
Concen: 10.974 ppbv
RT: 10.14 min Scan# 2287
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 1963517
Ion Ratio Lower Upper
43 100
58 61.0 48.7 73.1
98 0.7 0.7 1.1

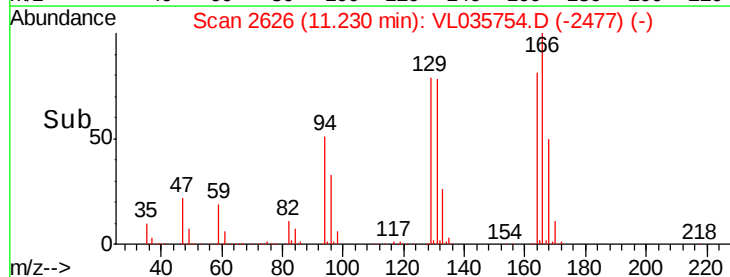
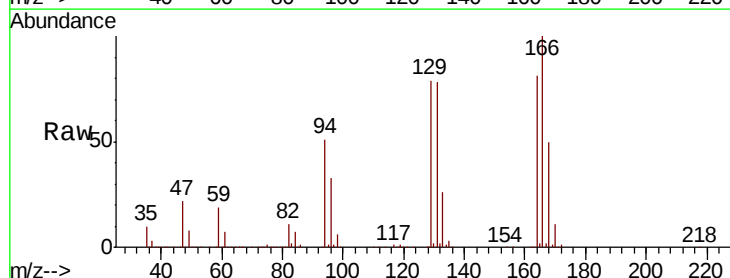
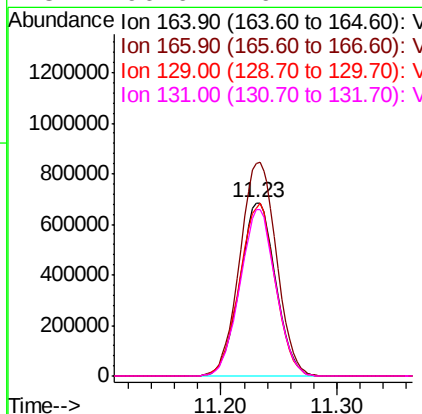
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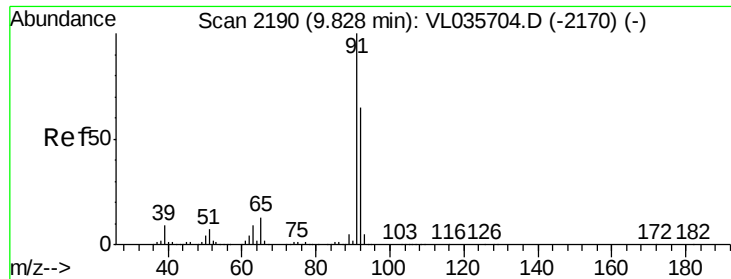
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#52
Tetrachloroethene
Concen: 10.178 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 164 Resp: 1465946
Ion Ratio Lower Upper
164 100
166 123.3 98.7 148.1
129 97.4 78.4 117.6
131 96.6 76.2 114.2





#53

Toluene

Concen: 11.032 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 3896383

Ion Ratio Lower Upper

91 100

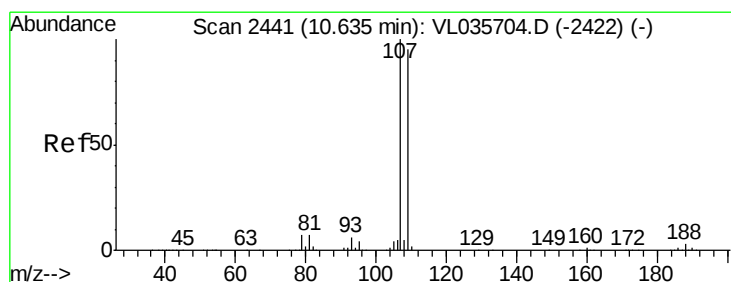
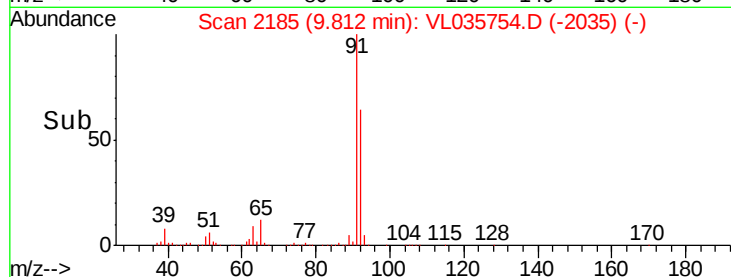
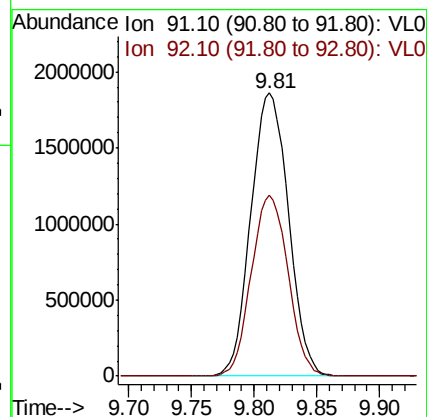
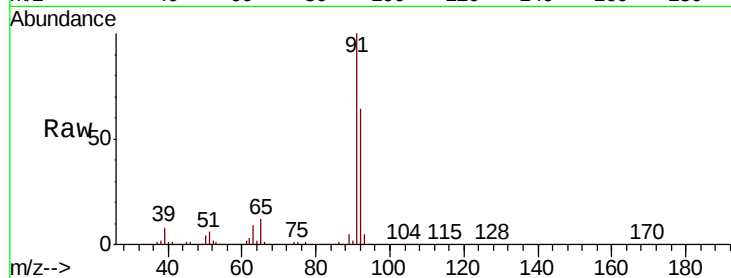
92 62.4 50.0 75.0

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#54

1,2-Dibromoethane

Concen: 10.222 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.02 min

Lab File: VL035754.D

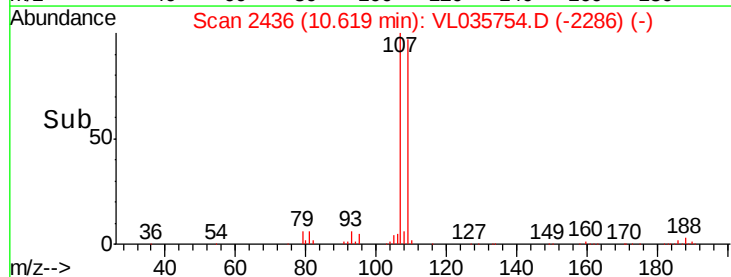
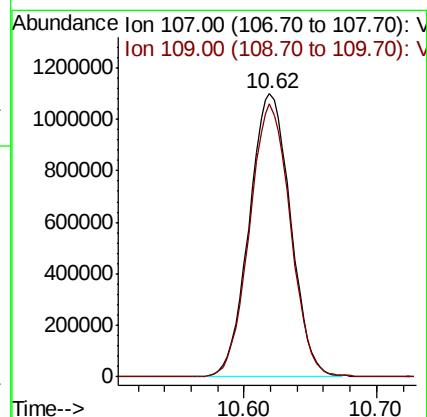
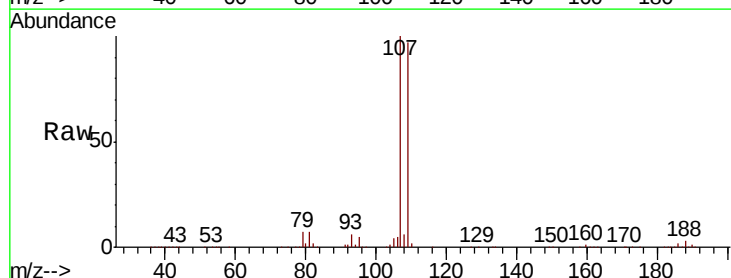
Acq: 8 Oct 2020 21:05

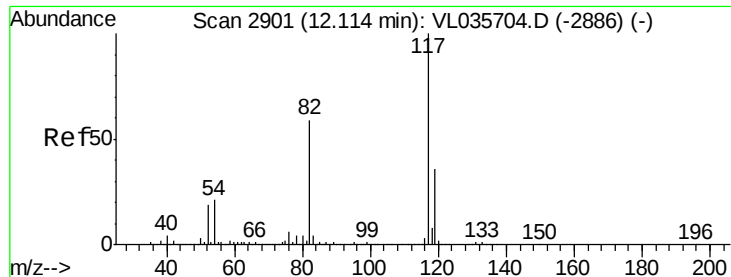
Tgt Ion: 107 Resp: 2380243

Ion Ratio Lower Upper

107 100

109 96.6 76.0 114.0





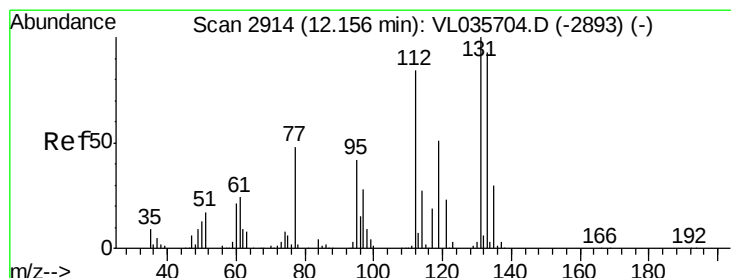
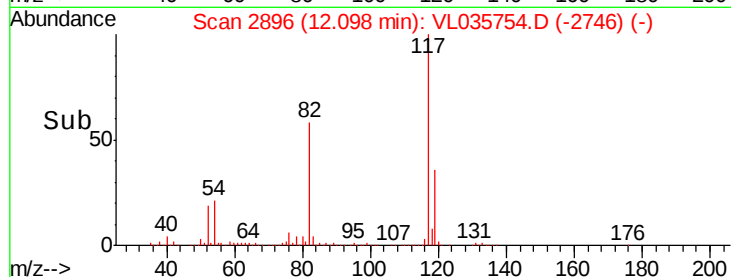
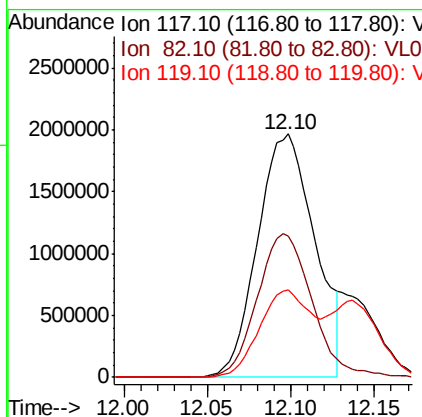
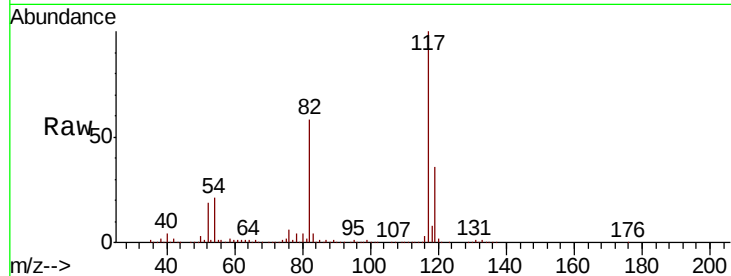
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:117 Resp: 4660599
Ion Ratio Lower Upper
117 100
82 56.8 46.1 69.1
119 31.1 28.0 42.0

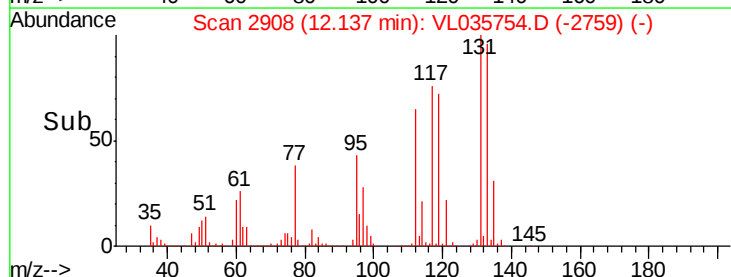
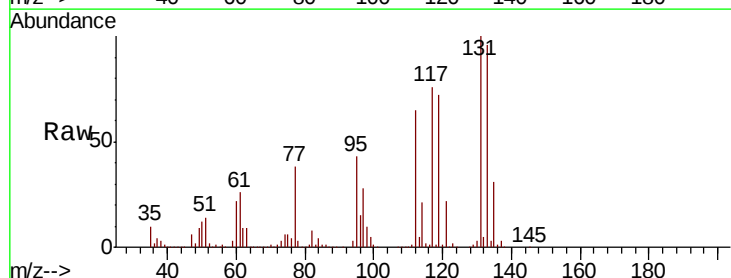
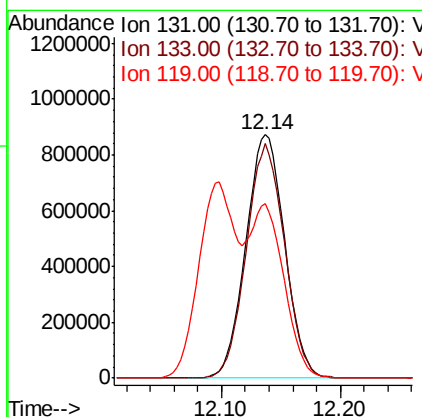
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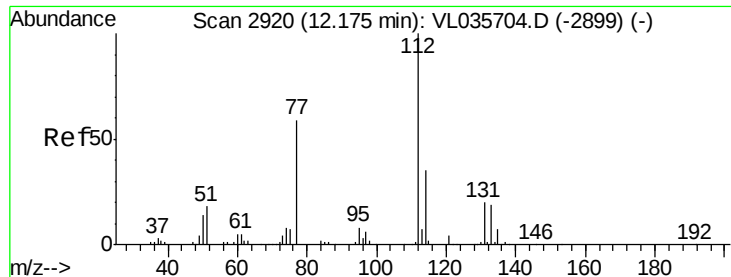
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#56
1,1,1,2-Tetrachloroethane
Concen: 10.091 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion:131 Resp: 1972059
Ion Ratio Lower Upper
131 100
133 94.9 76.2 114.4
119 70.0 52.4 78.6





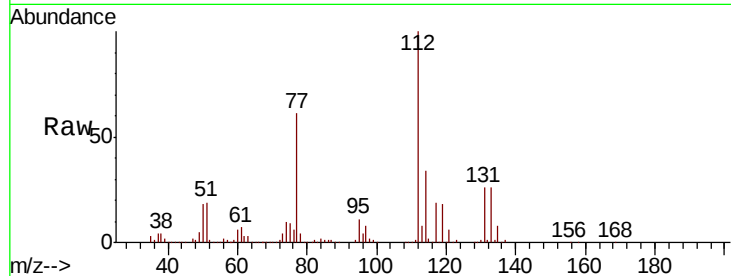
#57
Chlorobenzene
Concen: 9.368 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

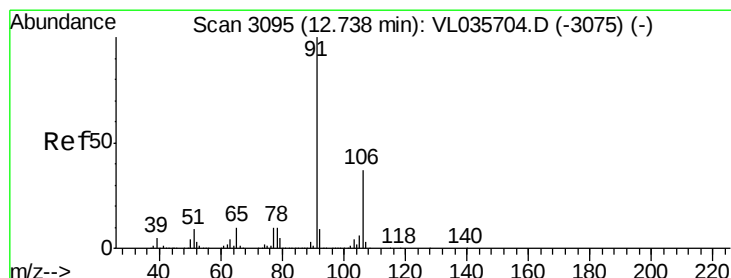
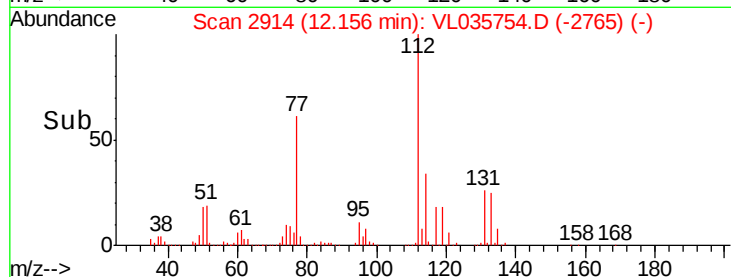
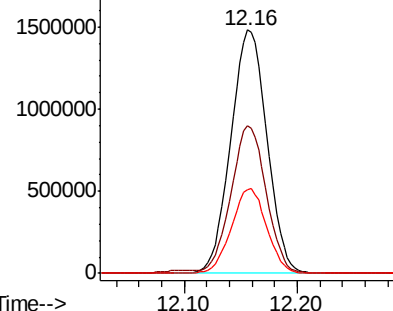
Tot Ion	Ratio	Lower	Upper
112	100		
77	60.4	48.2	72.2
114	34.3	31.9	39.1

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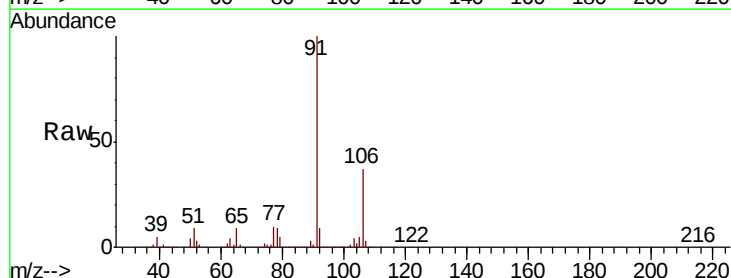


Abundance Ion 112.10 (111.80 to 112.80): V
2000000 Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

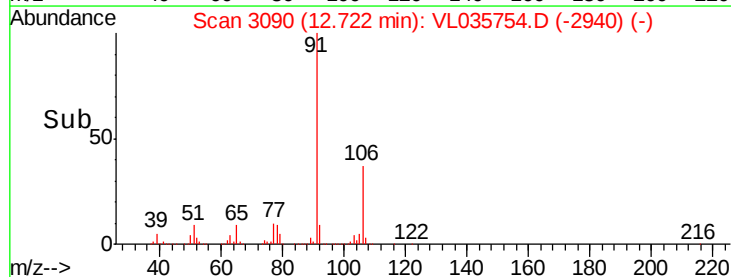
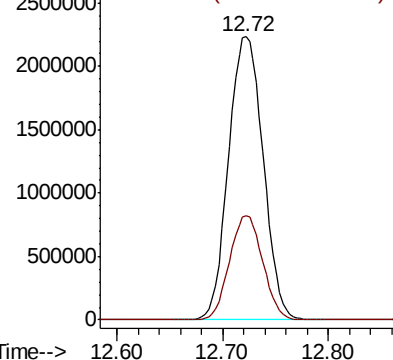


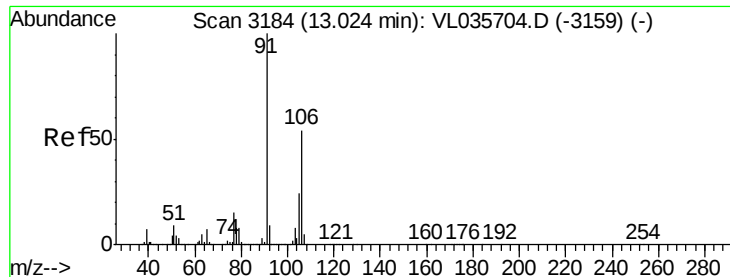
#58
Ethyl Benzene
Concen: 10.938 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	36.9	29.7	44.5



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





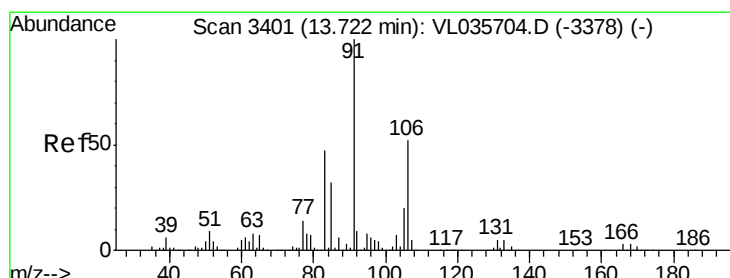
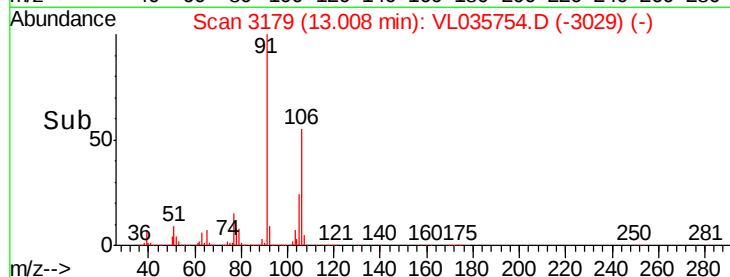
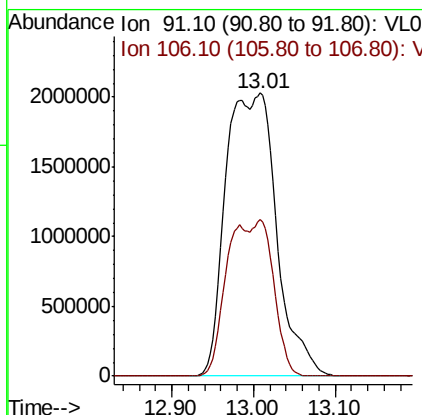
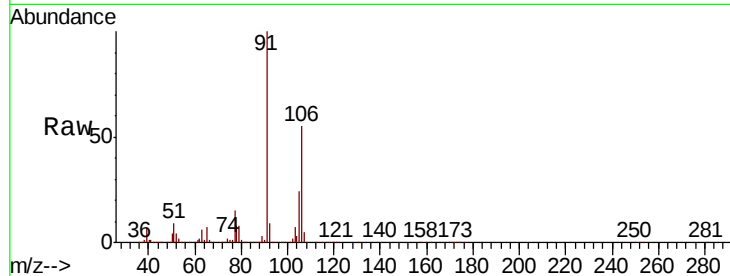
#59
m/p-Xylene
Concen: 21.458 ppbv m
RT: 13.01 min Scan# 3179
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 8765976
Ion Ratio Lower Upper
91 100
106 50.2 41.4 62.0

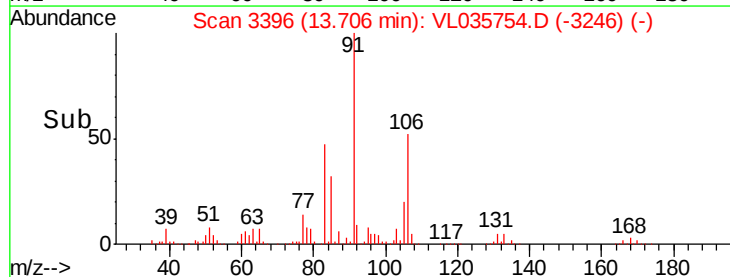
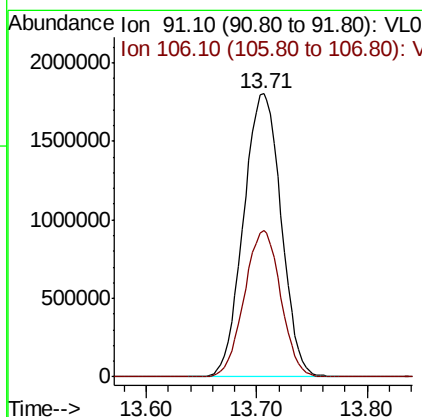
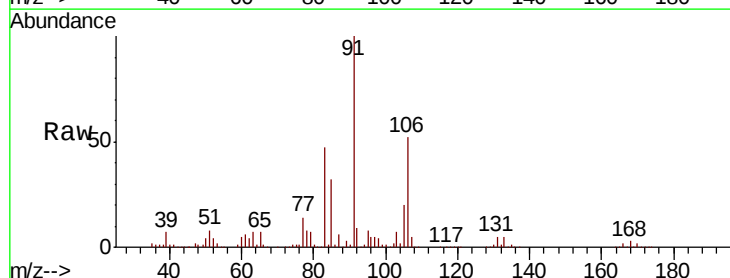
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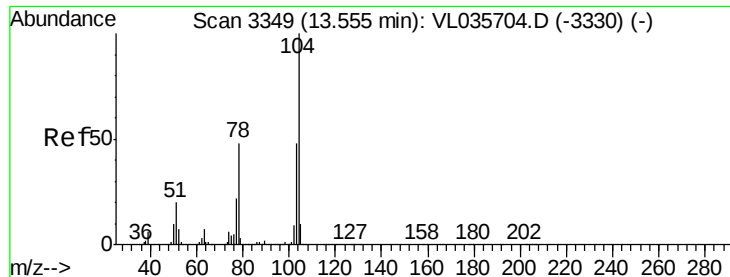
apatel
10/12/2020 10:30:00 AM



#60
o-Xylene
Concen: 10.324 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 91 Resp: 4266318
Ion Ratio Lower Upper
91 100
106 50.1 25.0 75.0





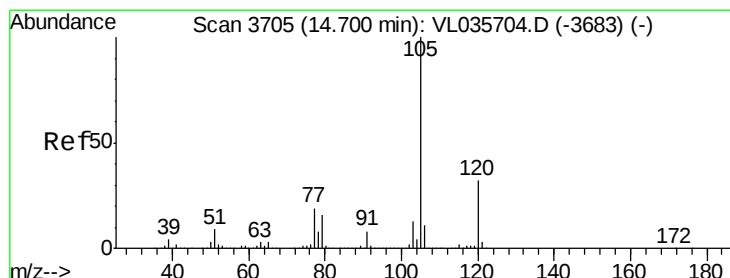
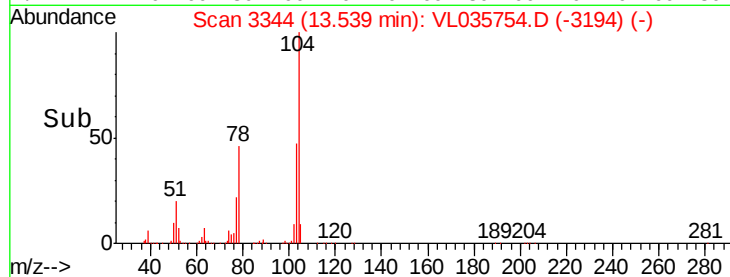
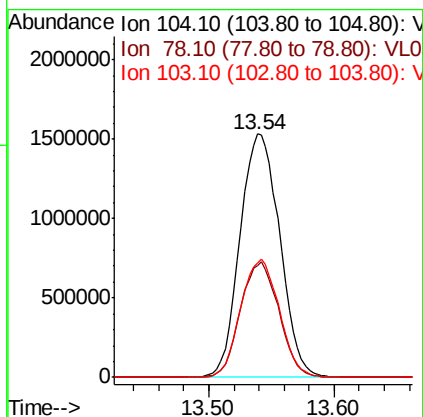
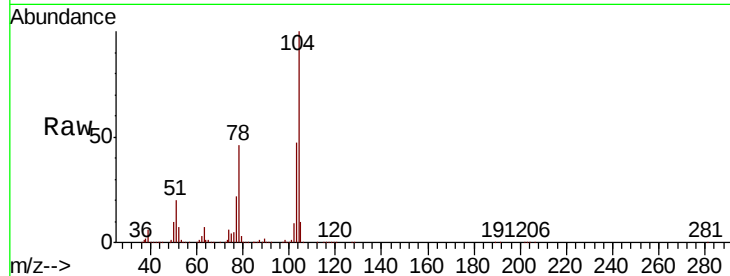
#61
Stvrene
Concen: 11.817 ppbv
RT: 13.54 min Scan# 3344
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.1	37.2	55.8
103	47.2	38.2	57.2

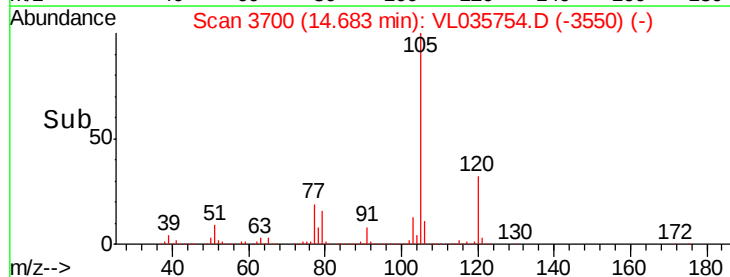
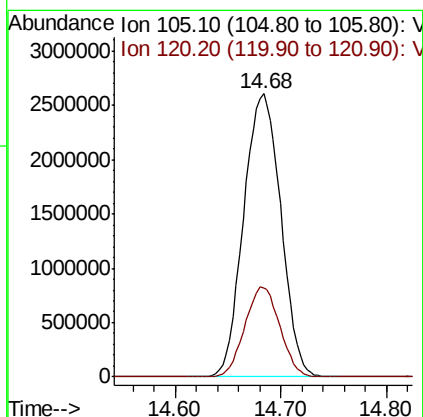
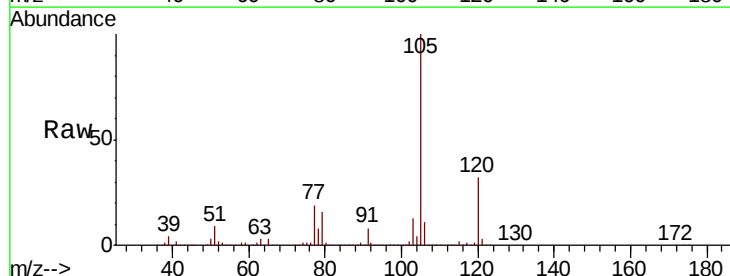
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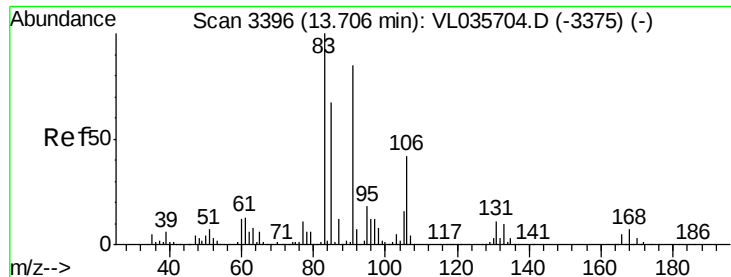
apatel
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#62
Isopropylbenzene
Concen: 9.983 ppbv
RT: 14.68 min Scan# 3700
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.0	24.1	36.1





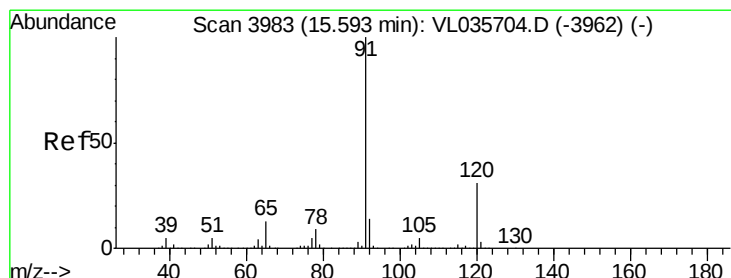
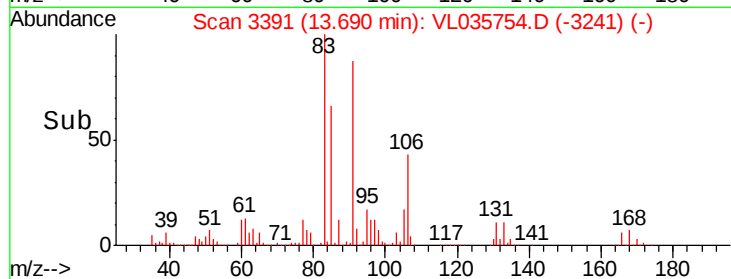
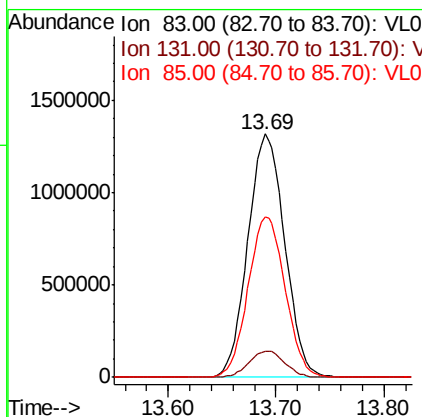
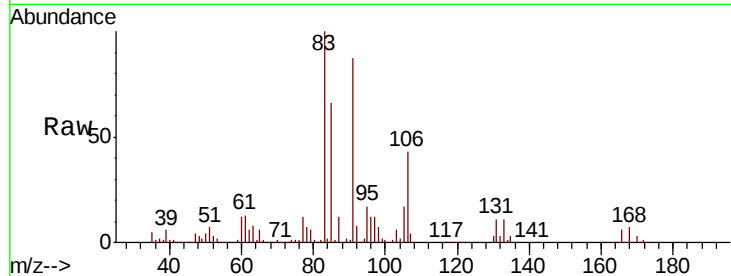
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.230 ppbv
 RT: 13.69 min Scan# 3391
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	83	Resp	3127731
Ion Ratio	100	Lower	Upper
83	100		
131	10.7	5.3	16.1
85	66.3	33.4	100.2

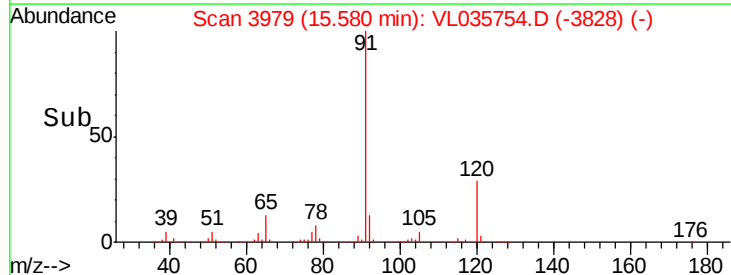
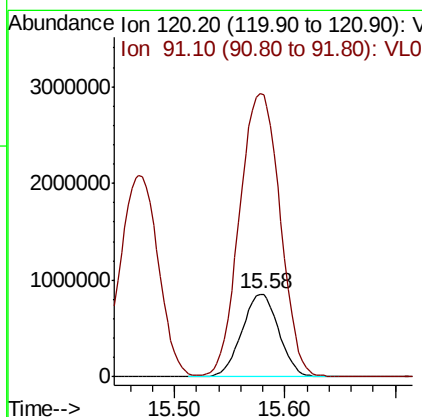
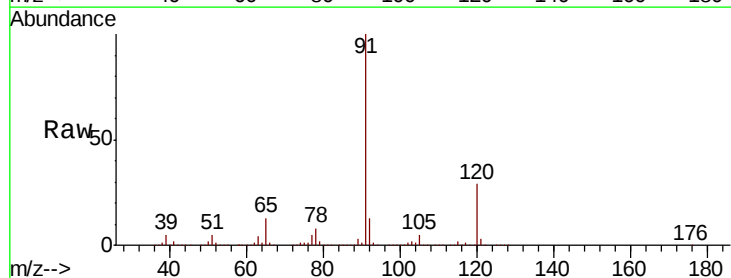
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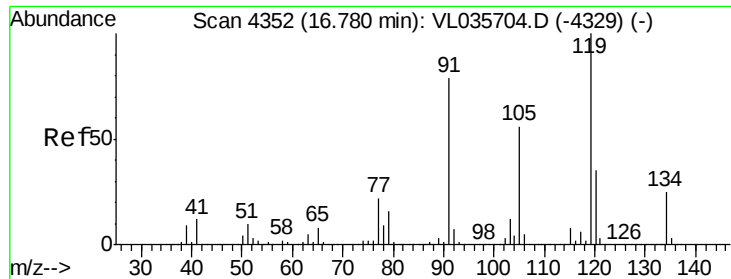
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#64
 n-propylbenzene
 Concen: 10.587 ppbv
 RT: 15.58 min Scan# 3979
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion	120	Resp	1986067
Ion Ratio	100	Lower	Upper
120	100		
91	376.4	300.4	450.6





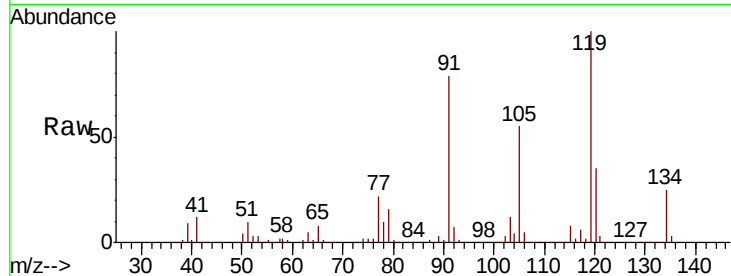
#65
tert-Butylbenzene
Concen: 10.230 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

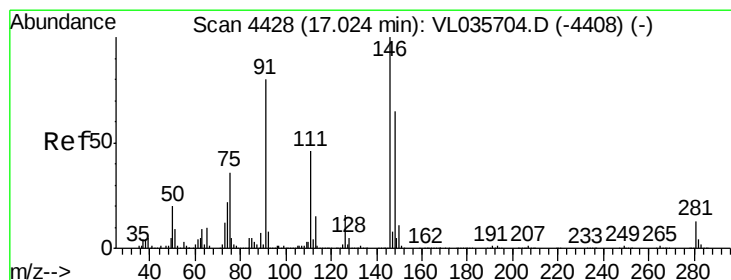
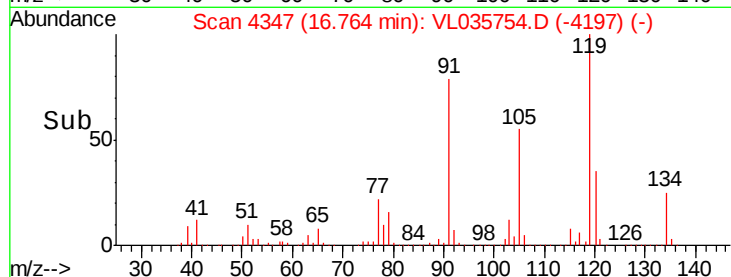
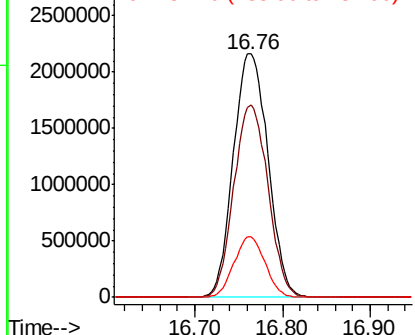
Tot Ion:119 Resp: 5961483
Ion Ratio Lower Upper
119 100
91 77.8 62.4 93.6
134 22.5 18.2 27.2

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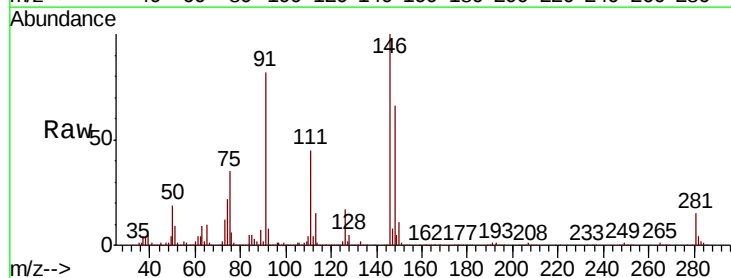


Abundance Ion 119.20 (118.90 to 119.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 134.20 (133.90 to 134.90): V

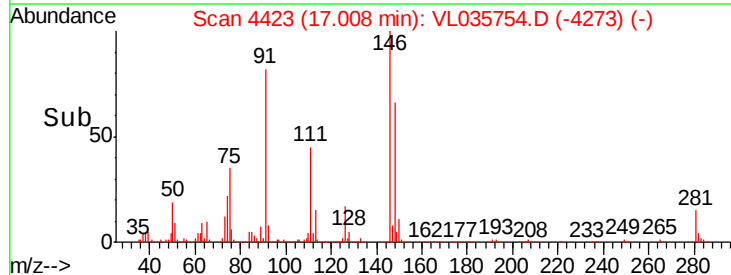
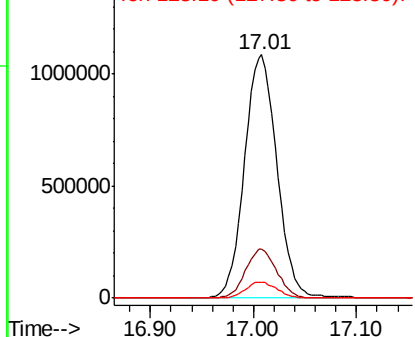


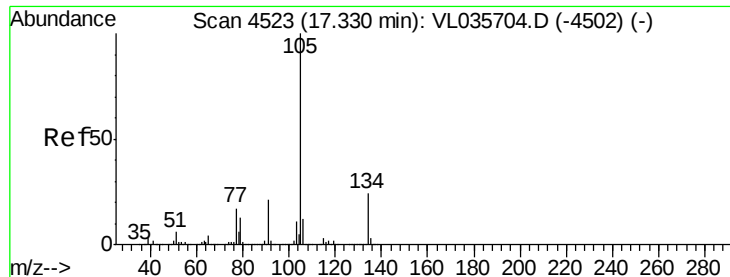
#66
Benzyl Chloride
Concen: 13.417 ppbv
RT: 17.01 min Scan# 4423
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 91 Resp: 2368918
Ion Ratio Lower Upper
91 100
126 19.5 15.3 22.9
128 6.4 5.0 7.4



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 9.893 ppbv

RT: 17.31 min Scan# 4518

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 7961718

Ion Ratio Lower Upper

105 100

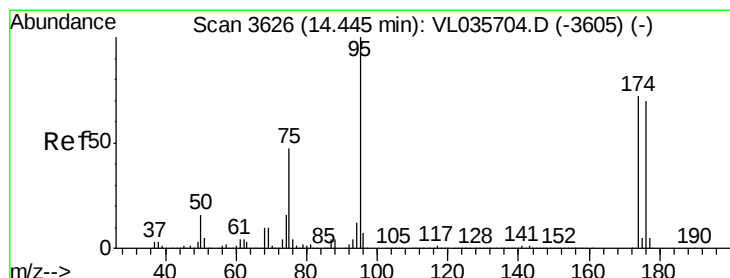
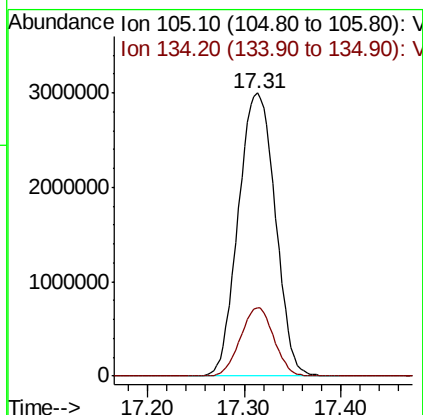
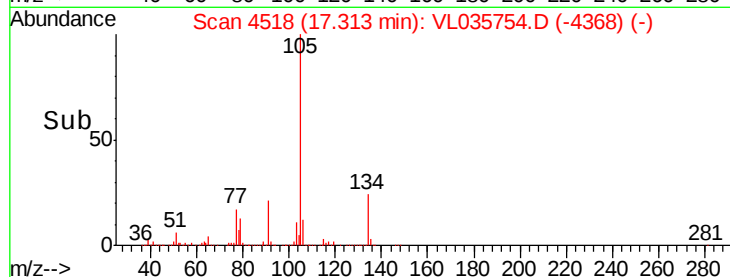
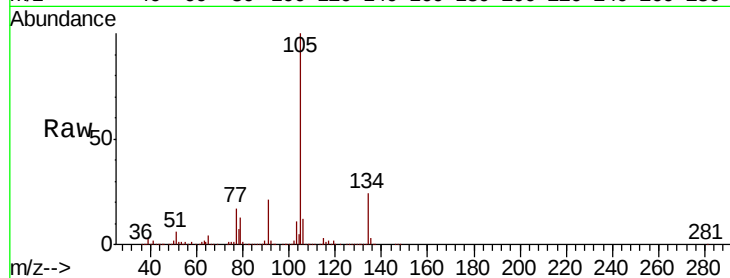
134 22.0 17.6 26.4

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.716 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

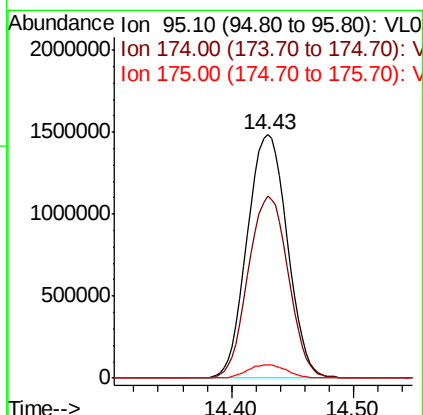
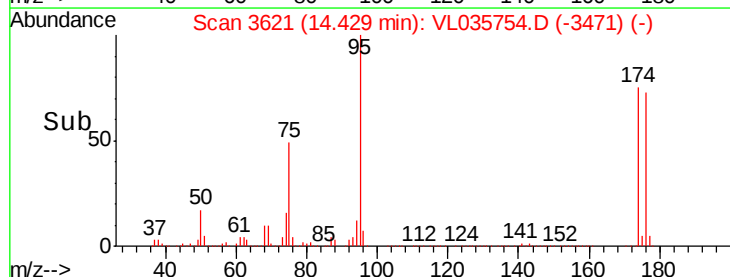
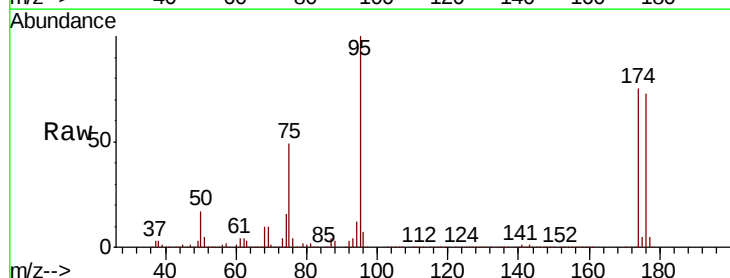
Tgt Ion: 95 Resp: 3393162

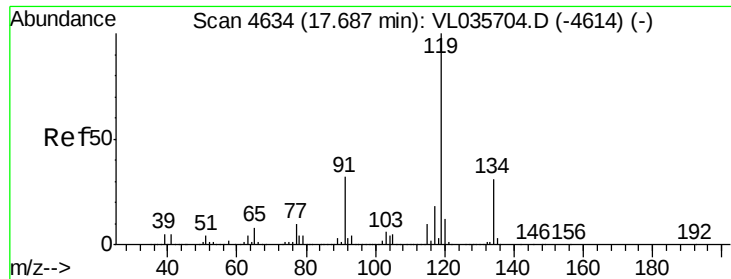
Ion Ratio Lower Upper

95 100

174 75.1 59.6 89.4

175 5.4 4.2 6.4





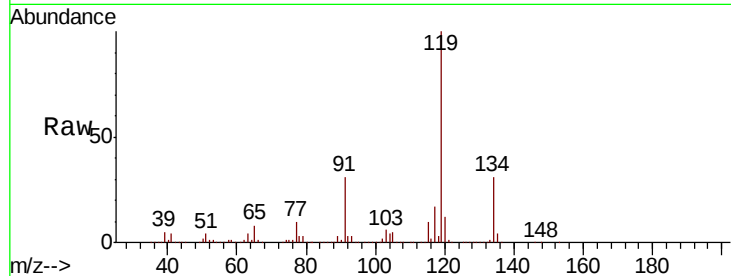
#69
 p-Isopropyltoluene
 Concen: 10.398 ppbv
 RT: 17.67 min Scan# 4630
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.6	23.9	35.9
91	29.4	23.8	35.6

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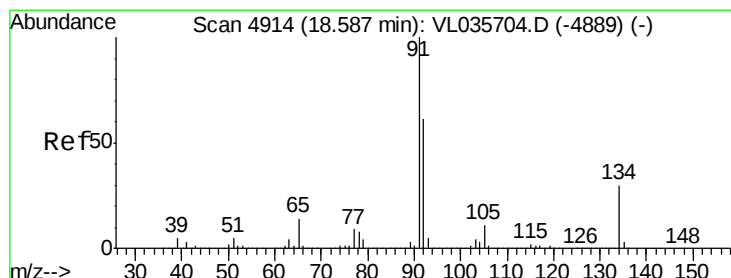
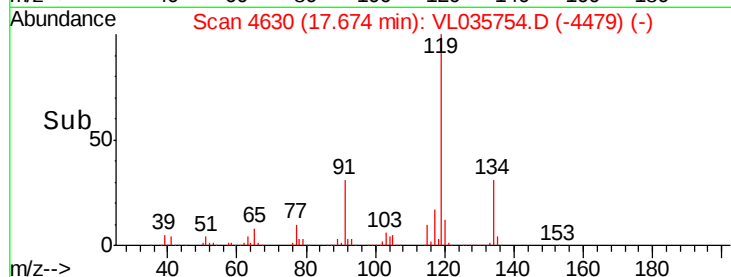
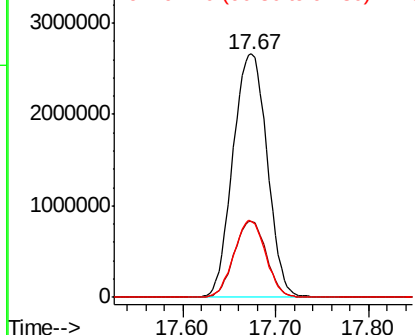


Abundance

Ion 119.10 (118.80 to 119.80): V

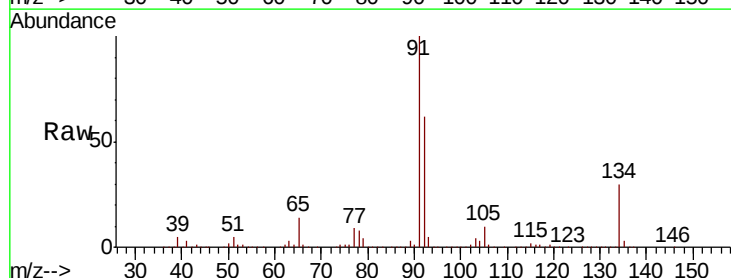
Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70
 n-Butylbenzene
 Concen: 10.139 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.4	47.0	70.4
134	27.5	21.9	32.9

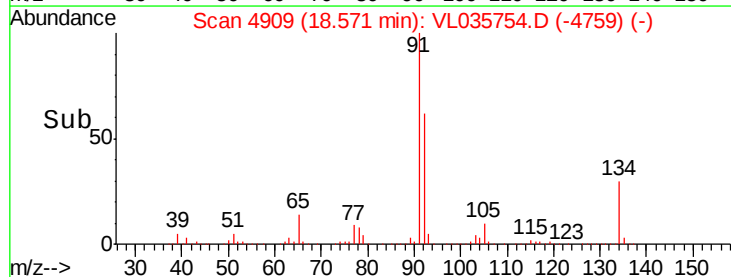
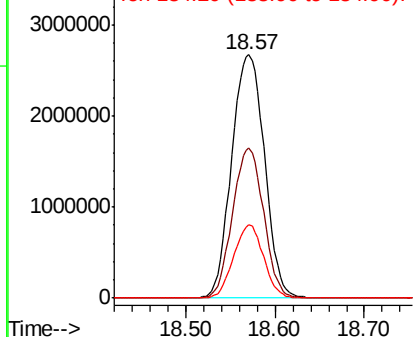


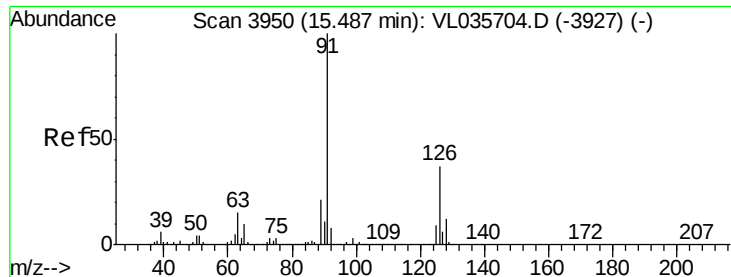
Abundance

Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 10.626 ppbv

RT: 15.47 min Scan# 3944

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 4967794

Ion Ratio Lower Upper

91 100

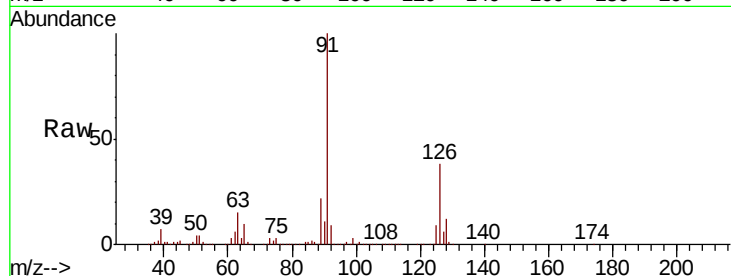
126 36.0 14.4 57.4

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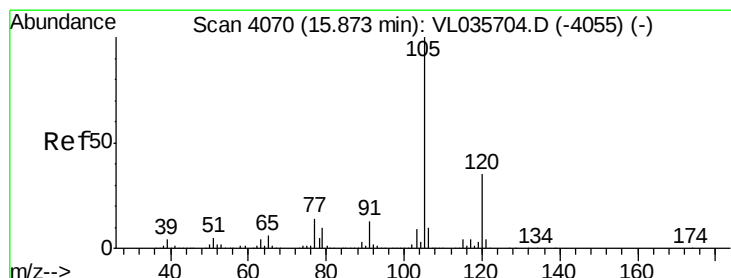
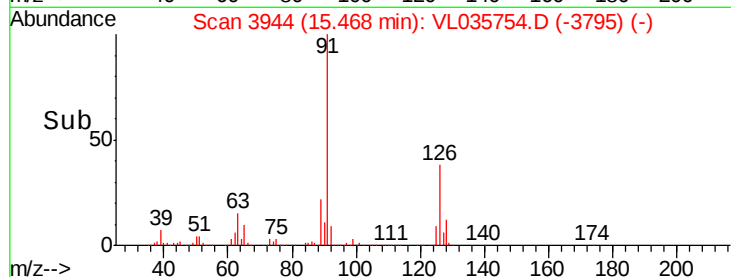
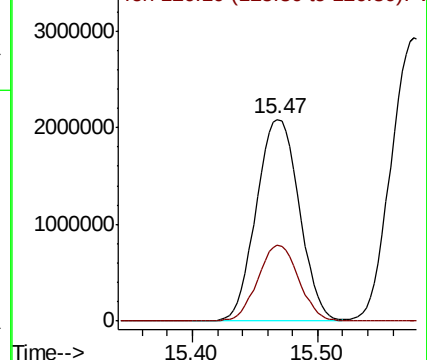
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 10.801 ppbv

RT: 15.86 min Scan# 4065

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Tgt Ion:105 Resp: 5287528

Ion Ratio Lower Upper

105 100

120 33.0 26.5 39.7

91 12.5 10.2 15.2

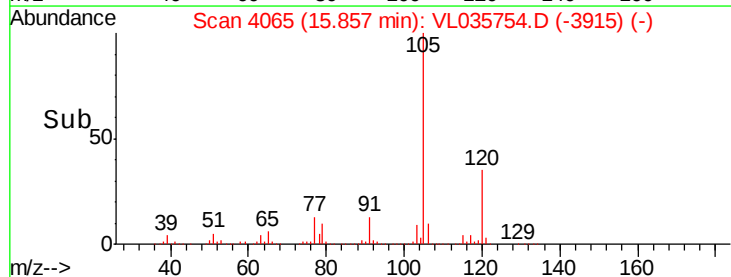
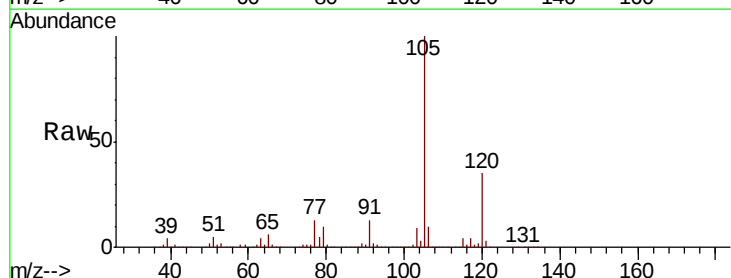
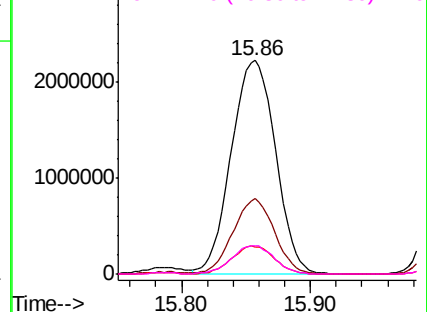
77 12.9 10.3 15.5

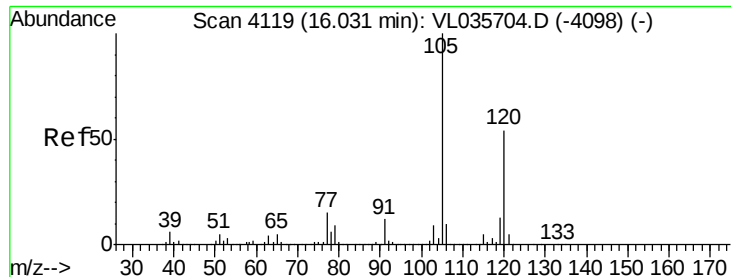
Abundance Ion 105.10 (104.80 to 105.80): V

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: 10.606 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 4906329

Ion Ratio Lower Upper

105 100

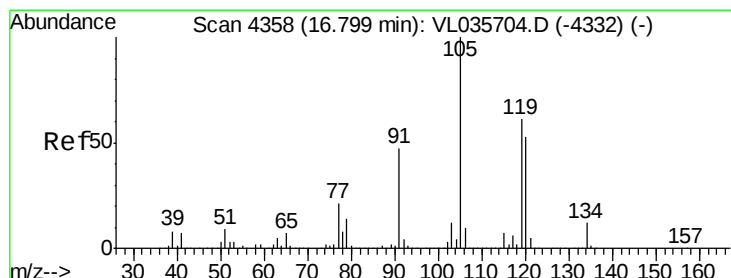
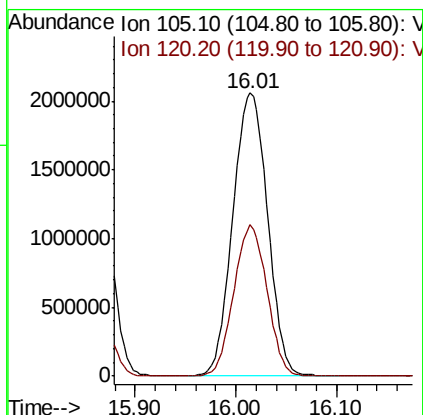
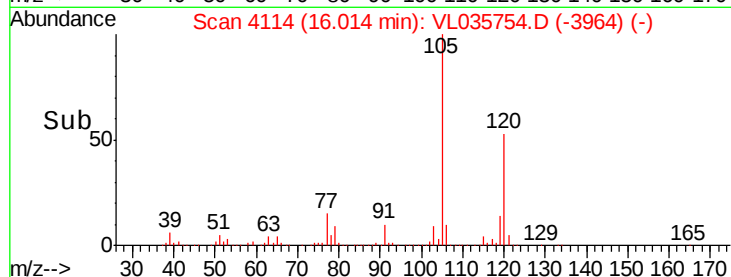
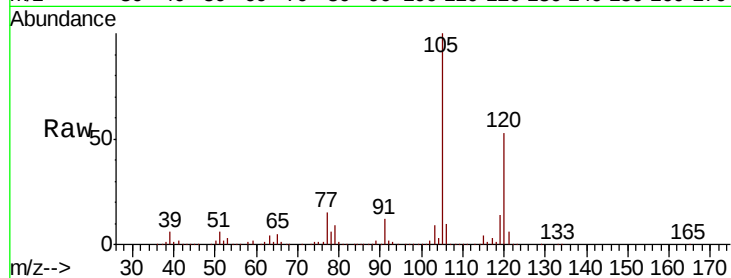
120 53.5 43.0 64.4

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#74

1,2,4-Trimethylbenzene

Concen: 9.881 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Tgt Ion:105 Resp: 5152672

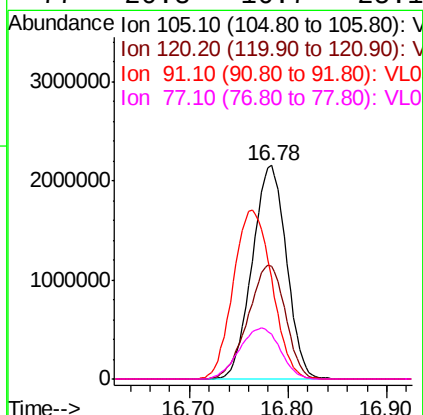
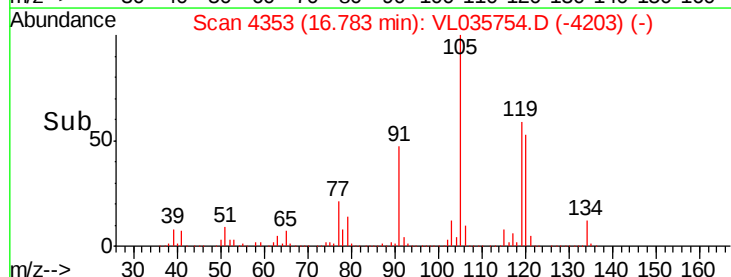
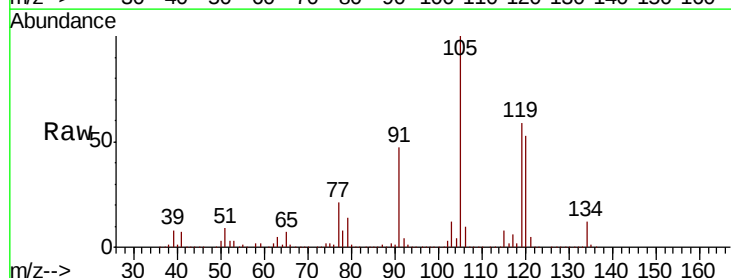
Ion Ratio Lower Upper

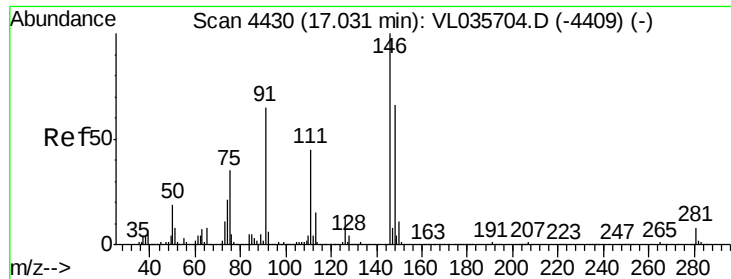
105 100

120 53.0 42.5 63.7

91 47.2 37.7 56.5

77 20.8 16.7 25.1





#75

1,3-Dichlorobenzene

Concen: 9.663 ppbv

RT: 17.01 min Scan# 4425

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

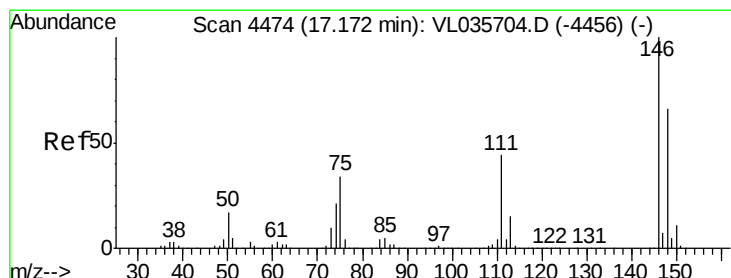
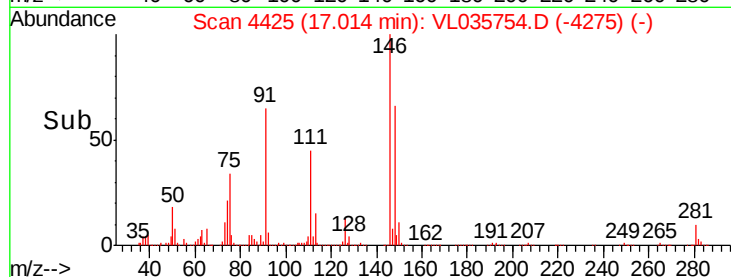
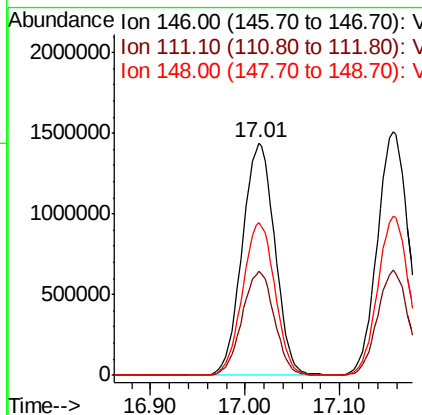
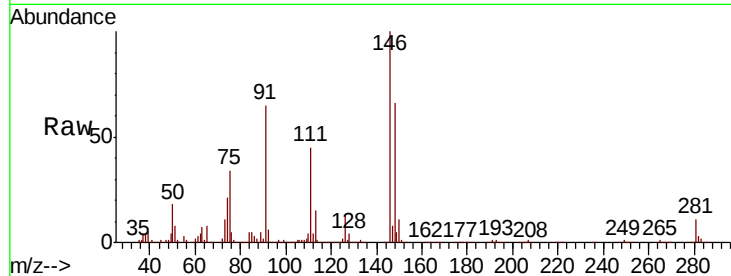
ClientSampleId :

VSTDCCC010EC

Tot Ion:	146	Resp:	3440477
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.0
148	65.5	33.0	99.0

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#76

1,4-Dichlorobenzene

Concen: 10.192 ppbv

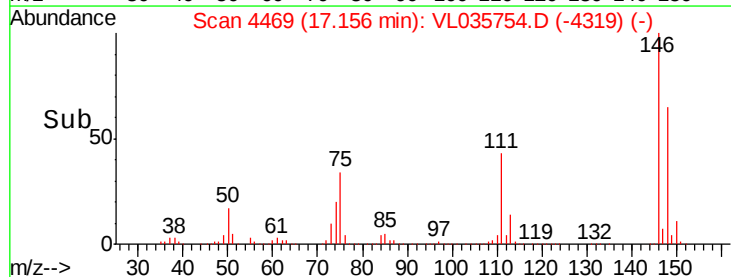
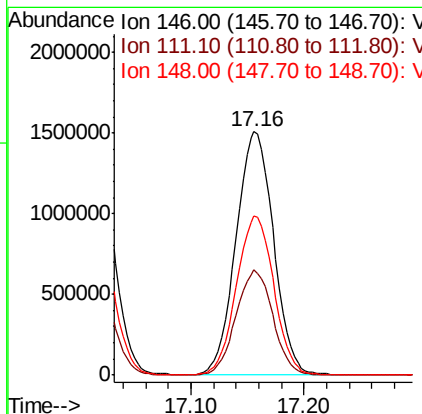
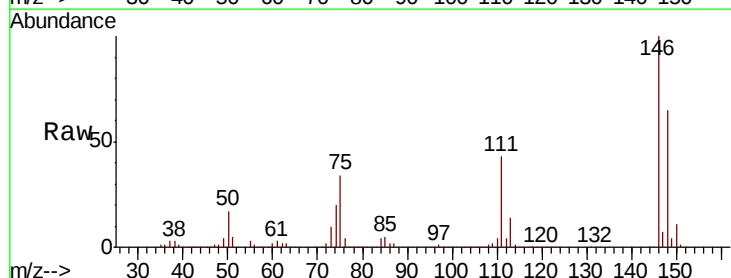
RT: 17.16 min Scan# 4469

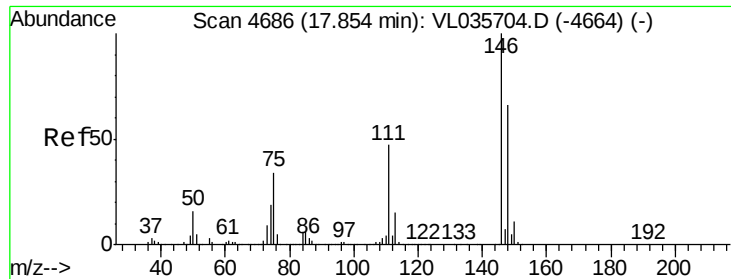
Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Tgt Ion:	146	Resp:	3468465
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.4	64.3
148	65.5	32.6	98.0





#77

1,2-Dichlorobenzene

Concen: 10.007 ppbv

RT: 17.83 min Scan# 4680

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:146 Resp: 3365070

Ion Ratio Lower Upper

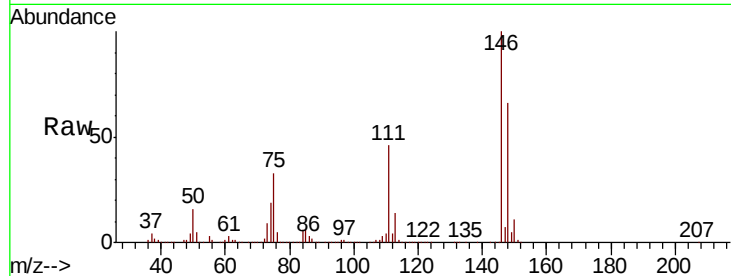
146 100

111 45.3 22.9 68.5

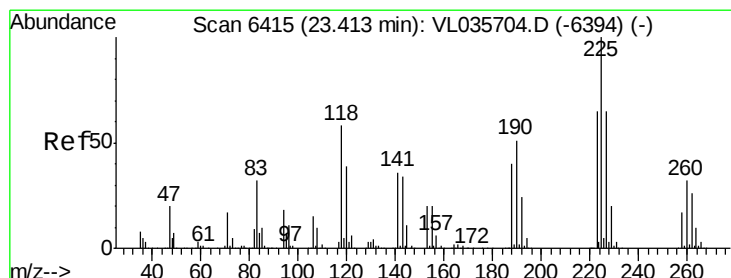
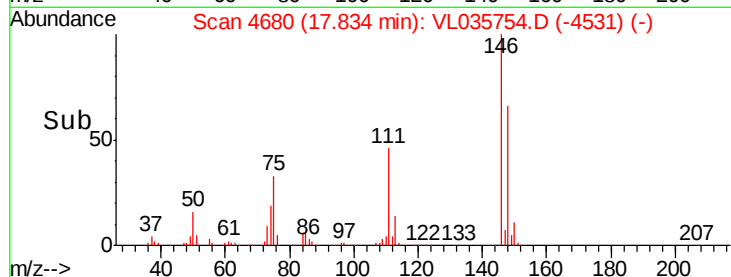
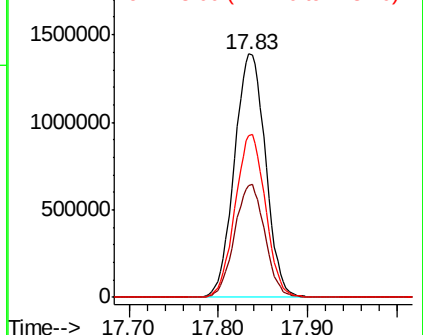
148 65.4 32.6 98.0

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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 10.134 ppbv

RT: 23.40 min Scan# 6410

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

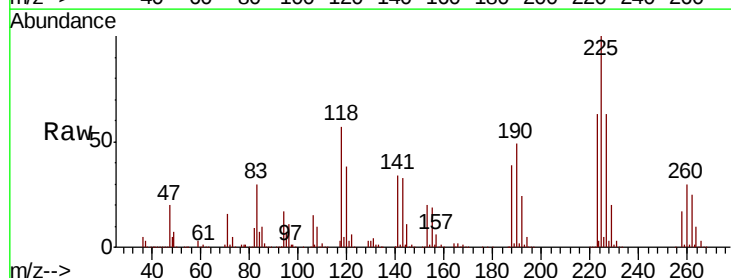
Tgt Ion:225 Resp: 1880170

Ion Ratio Lower Upper

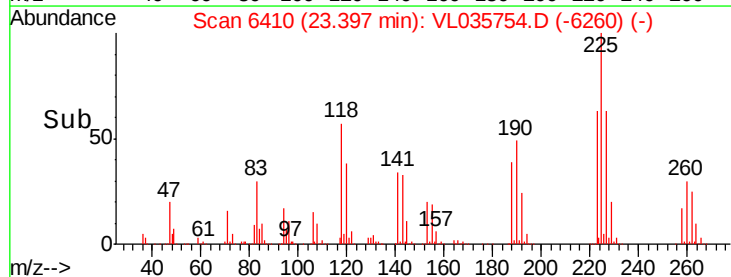
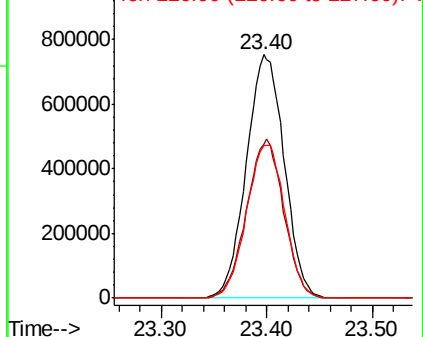
225 100

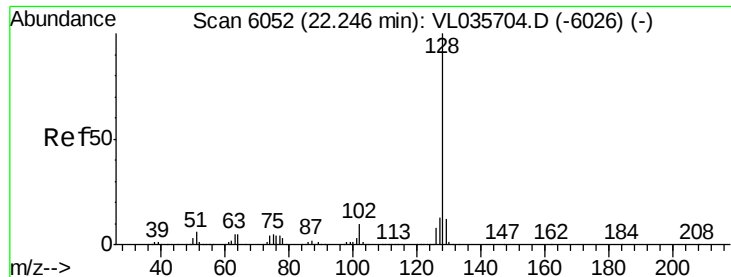
223 64.1 51.3 76.9

227 63.8 51.6 77.4



Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V





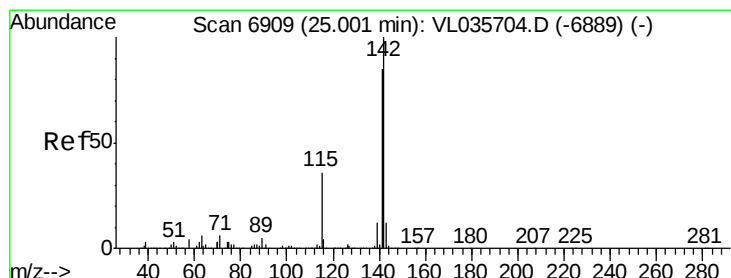
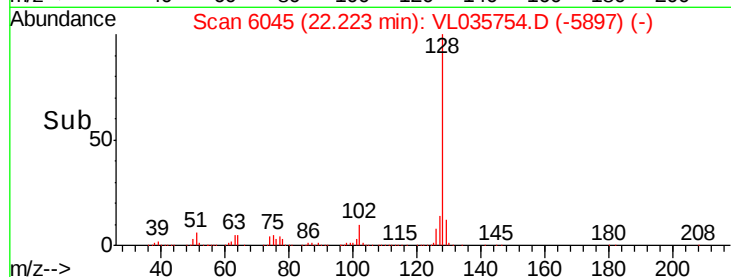
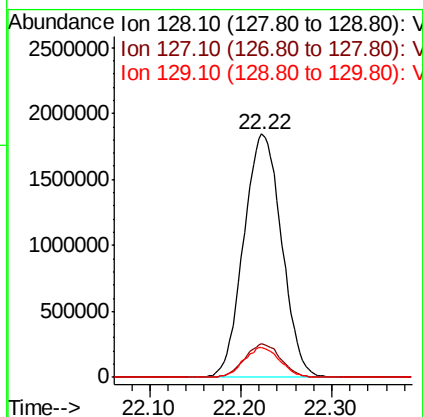
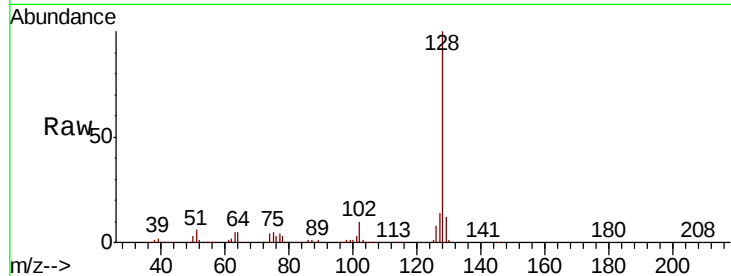
#79
Naphthalene
Concen: 10.724 ppbv
RT: 22.22 min Scan# 6045
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	12.5	9.4	14.0

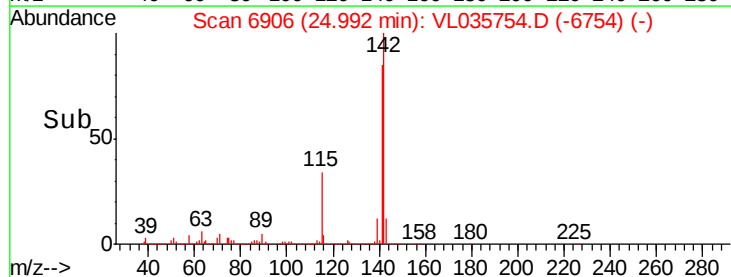
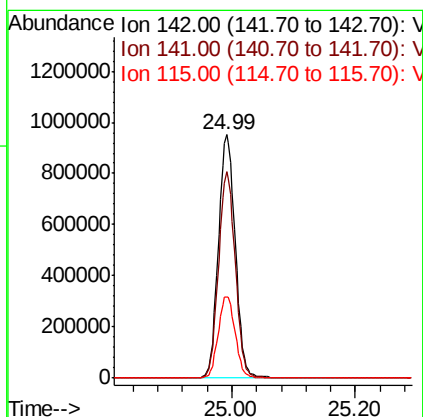
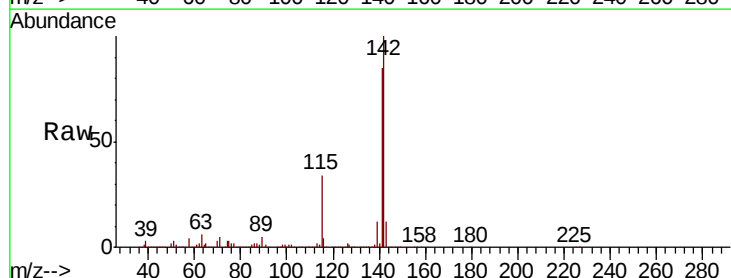
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#80
Naphthalene, 2-methyl-
Concen: 15.342 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.4	68.2	102.4
115	33.9	27.8	41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.510 ppbv
 RT: 21.95 min Scan# 5961
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.2
184	30.9	24.6	37.0

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