

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035826.D
 Acq On : 4 Nov 2020 5:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:14:51 PM

Quant Time: Nov 04 06:35:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1090248	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4933941	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4847187m	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	3286905	9.54	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.02	85	2041470	9.946	ppbv 99
3) Chlorodifluoromethane	2.96	51	1242464	9.516	ppbv 98
4) Chloromethane	3.11	50	603677	9.518	ppbv 99
5) Vinyl Chloride	3.23	62	789367	9.763	ppbv 100
6) Bromomethane	3.45	94	682027	10.489	ppbv 99
7) Chloroethane	3.53	64	288264	10.130	ppbv 99
8) Dichlorotetrafluoroethane	3.16	85	2316519	9.861	ppbv 99
9) Propene	2.99	41	460954	9.646	ppbv 100
10) Heptane	8.10	43	1272199	9.639	ppbv 96
11) Trichlorofluoromethane	3.92	101	2541400	9.860	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1914511	9.977	ppbv 96
13) Ethanol	3.58	45	78931	7.614	ppbv 95
14) Bromoethene	3.71	108	913692	10.346	ppbv 99
15) Acetone	3.83	43	1042143	8.941	ppbv 98
16) 1,3-Butadiene	3.30	39	480220	9.569	ppbv 96
17) tert-Butyl alcohol	4.27	59	1567407	10.147	ppbv 99
18) 1,1-Dichloroethene	4.26	96	915699	10.393	ppbv 96
19) Isopropyl Alcohol	3.94	45	679514	9.487	ppbv # 98
20) Methylene Chloride	4.32	84	737968	8.994	ppbv 99
21) Allyl Chloride	4.38	41	630332	10.000	ppbv 94
22) trans-1,2-Dichloroethene	4.86	96	928098	10.391	ppbv 96
23) Vinyl Acetate	5.05	43	1494652	9.148	ppbv 99
24) 1,1-Dichloroethane	4.99	63	1531204	9.837	ppbv 99
25) Ethyl Acetate	5.65	43	2176512	9.479	ppbv 99
26) Hexane	5.66	57	1220806	9.640	ppbv 96
27) Carbon Disulfide	4.52	76	1946663	10.259	ppbv 99
28) Methyl tert-Butyl Ether	5.01	73	2250934	9.898	ppbv 99
29) Chloroform	5.73	83	2492593	10.015	ppbv 98
30) Cyclohexane	7.10	84	1398182	10.137	ppbv 93
31) cis-1,2-Dichloroethene	5.52	61	1320678	10.138	ppbv 96
32) 1,1,1-Trichloroethane	6.48	97	2490179	9.588	ppbv 99
34) 2-Butanone	5.22	43	1401790	8.754	ppbv 94
35) Carbon Tetrachloride	6.99	117	2485439	9.428	ppbv 98
36) Benzene	6.86	78	3304681	9.009	ppbv 99
37) 1,2-Dichloroethane	6.28	62	1548304	9.317	ppbv 99
38) Trichloroethene	7.81	130	1589329	8.871	ppbv 97
39) 1,2-Dichloropropane	7.58	63	1076796	8.719	ppbv 95
40) 1,4-Dioxane	7.81	88	505002	8.628	ppbv 96
41) Tetrahydrofuran	6.02	42	832971	9.156	ppbv 92
42) Bromodichloromethane	7.77	83	2598387	9.267	ppbv 99
43) Methyl Methacrylate	7.99	69	1328118	9.493	ppbv 94

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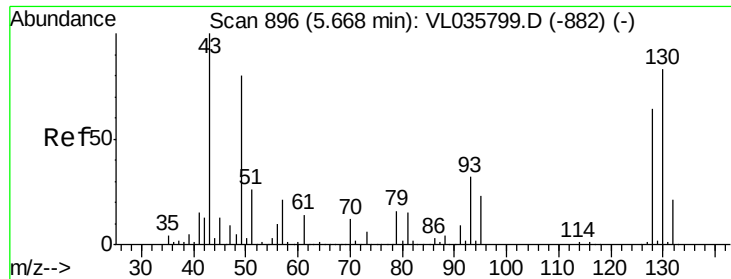
Manual Integrations
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MMDadoda
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Quant Time: Nov 04 06:35:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	4107009	8.461	ppbv	99
45) t-1,3-Dichloropropene	9.25	75	1518901	10.241	ppbv	99
46) cis-1,3-Dichloropropene	8.68	75	1812056	9.647	ppbv	96
47) 1,1,2-Trichloroethane	9.45	97	1547278	9.195	ppbv	99
48) Dibromochloromethane	10.28	129	2544738	9.899	ppbv	100
49) Bromoform	13.02	173	2211955	10.197	ppbv	99
50) 4-Methyl-2-Pentanone	8.72	43	2165847	8.846	ppbv	97
51) 2-Hexanone	10.11	43	1805686	9.180	ppbv #	95
52) Tetrachloroethene	11.19	164	1525892	8.781	ppbv	99
53) Toluene	9.78	91	4083452	9.226	ppbv	99
54) 1,2-Dibromoethane	10.59	107	2420190	9.457	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.10	131	1994868	9.170	ppbv	99
57) Chlorobenzene	12.12	112	3367608	8.738	ppbv	98
58) Ethyl Benzene	12.69	91	5269905	8.927	ppbv	97
59) m/p-Xylene	12.97	91	8747005m	17.512	ppbv	
60) o-Xylene	13.67	91	4260318	8.768	ppbv	98
61) Styrene	13.50	104	3464512	9.732	ppbv	98
62) Isopropylbenzene	14.64	105	6579744	8.616	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.65	83	3018170	8.017	ppbv	100
64) n-propylbenzene	15.54	120	2044343	9.261	ppbv	91
65) tert-Butylbenzene	16.72	119	6058735	8.716	ppbv	98
66) Benzyl Chloride	16.97	91	2310096	10.054	ppbv	97
67) sec-Butylbenzene	17.27	105	8036753	8.579	ppbv	97
69) p-Isopropyltoluene	17.64	119	6976924	9.026	ppbv	99
70) n-Butylbenzene	18.53	91	6806777	9.143	ppbv	97
71) 2-Chlorotoluene	15.43	91	5023419	8.993	ppbv	97
72) 4-Ethyltoluene	15.82	105	5414240	9.188	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	5021234	9.311	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	5113152	8.849	ppbv	98
75) 1,3-Dichlorobenzene	16.97	146	3442946	9.358	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	3419395	9.634	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	3439984	9.591	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1796386	10.734	ppbv	99
79) Naphthalene	22.17	128	5345732	13.271	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	1476542	22.493	ppbv	95
81) 1,2,4-Trichlorobenzene	21.90	180	2748595	12.213	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

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VSTDCCC010EC

Tot Ion: 49 Resp: 1090248

Ion Ratio Lower Upper

49 100

128 92.7 41.5 124.6

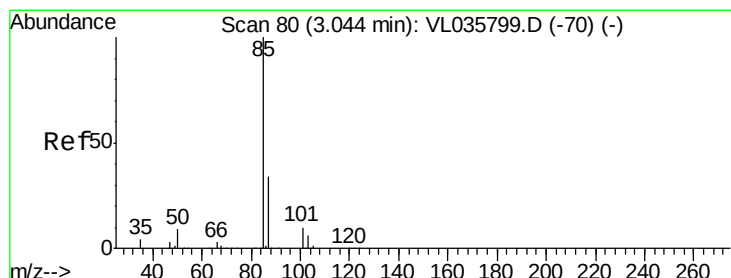
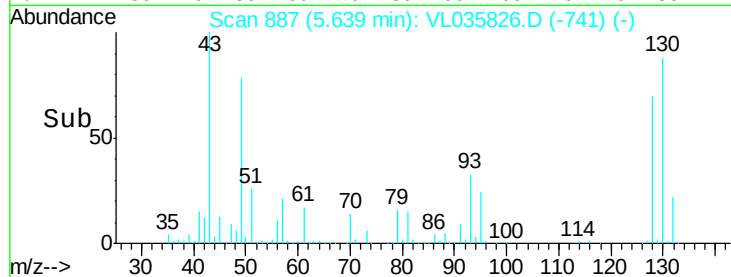
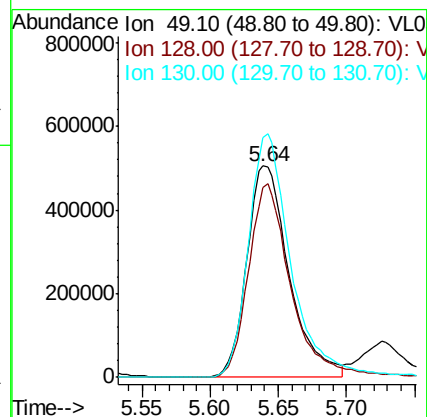
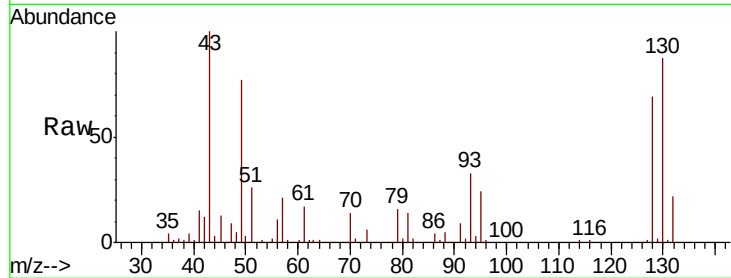
130 117.8 53.7 161.1

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#2

Dichlorodifluoromethane

Concen: 9.946 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.02 min

Lab File: VL035826.D

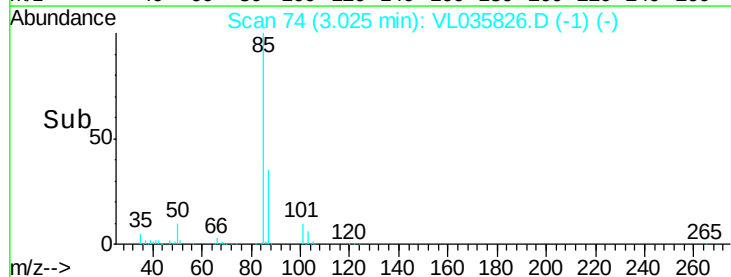
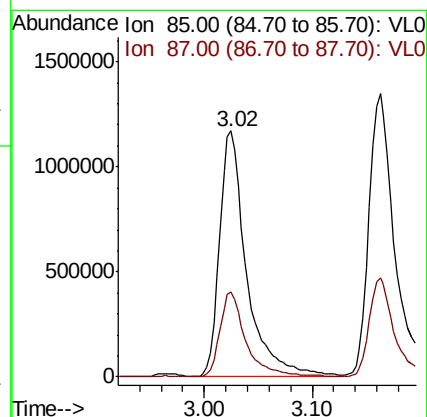
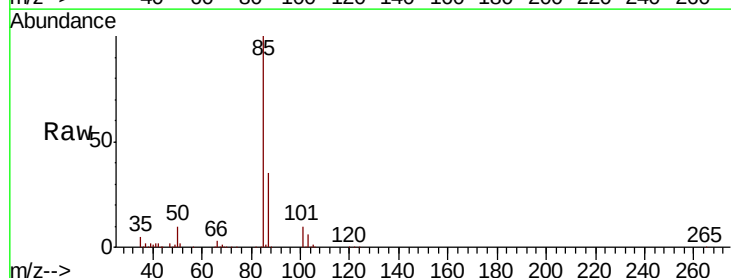
Acq: 4 Nov 2020 5:40

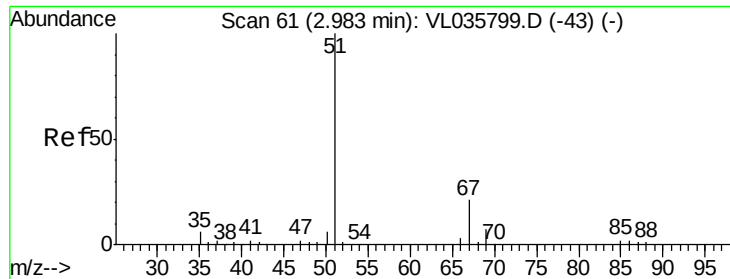
Tgt Ion: 85 Resp: 2041470

Ion Ratio Lower Upper

85 100

87 34.6 27.1 40.7





#3

Chlorodifluoromethane

Concen: 9.516 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.02 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 51 Resp: 1242464

Ion Ratio Lower Upper

51 100

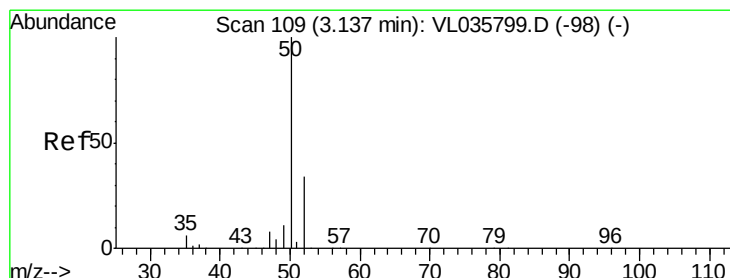
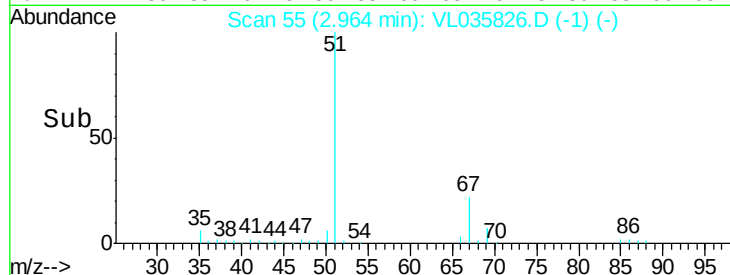
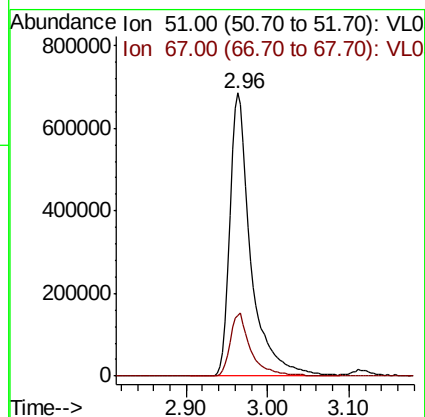
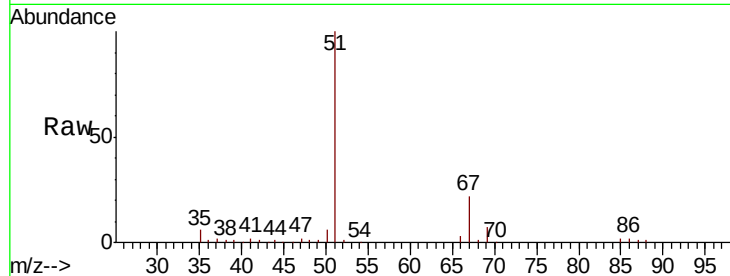
67 22.0 17.0 25.4

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#4

Chloromethane

Concen: 9.518 ppbv

RT: 3.11 min Scan# 102

Delta R.T. -0.02 min

Lab File: VL035826.D

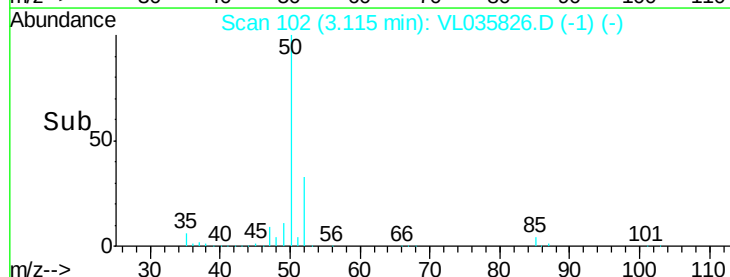
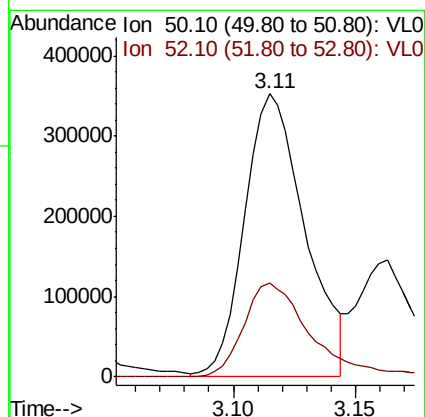
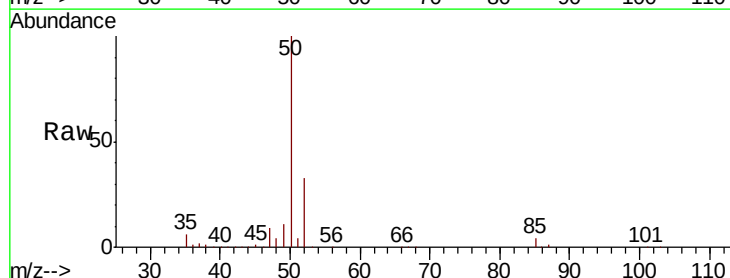
Acq: 4 Nov 2020 5:40

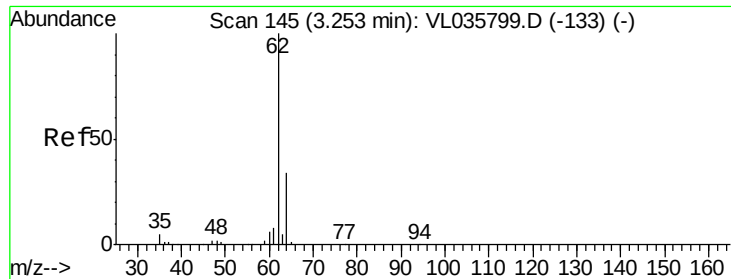
Tgt Ion: 50 Resp: 603677

Ion Ratio Lower Upper

50 100

52 33.4 27.1 40.7





#5

Vinyl Chloride

Concen: 9.763 ppbv

RT: 3.23 min Scan# 138

Delta R.T. -0.02 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 62 Resp: 789367

Ion Ratio Lower Upper

62 100

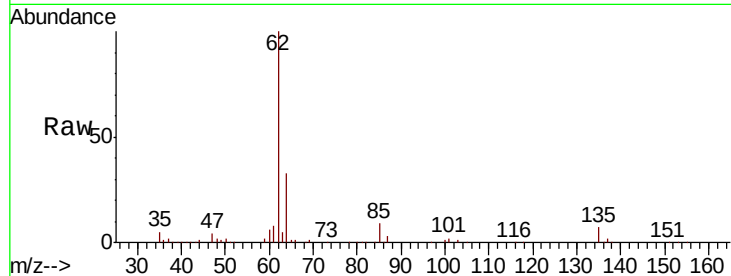
64 33.4 26.9 40.3

Manual Integrations

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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.23

400000

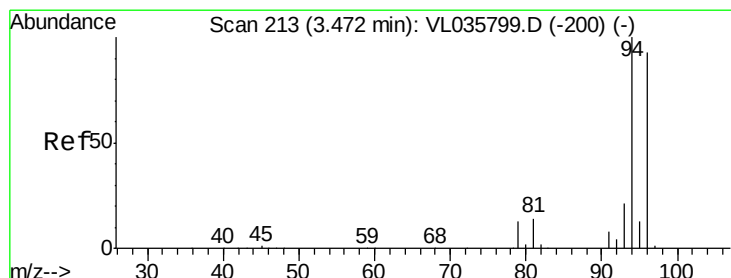
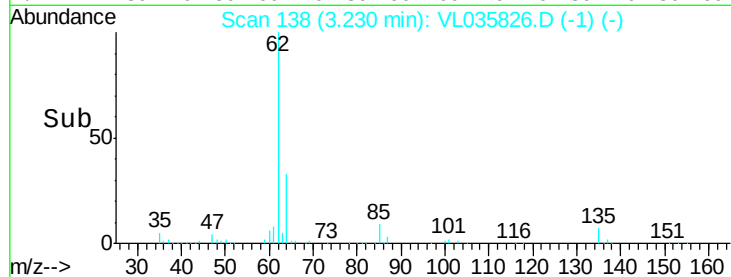
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 10.489 ppbv

RT: 3.45 min Scan# 206

Delta R.T. -0.02 min

Lab File: VL035826.D

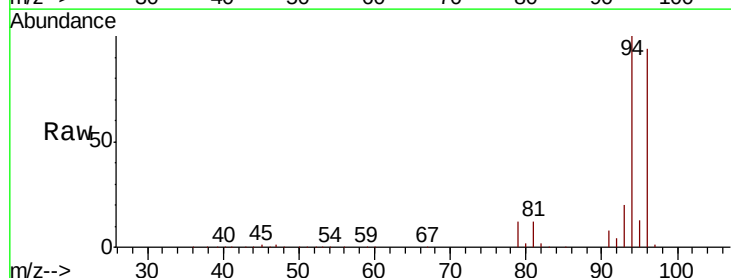
Acq: 4 Nov 2020 5:40

Tgt Ion: 94 Resp: 682027

Ion Ratio Lower Upper

94 100

96 94.4 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.45

400000

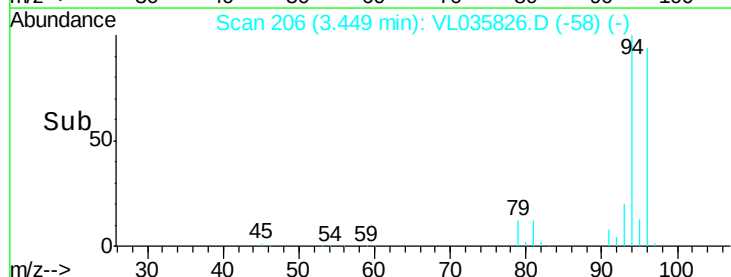
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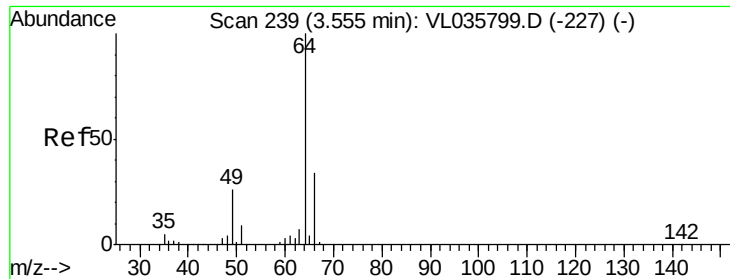
200000

100000

0

Time-->





#7

Chloroethane

Concen: 10.130 ppbv

RT: 3.53 min Scan# 232

Delta R.T. -0.02 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 64 Resp: 288264

Ion Ratio Lower Upper

64 100

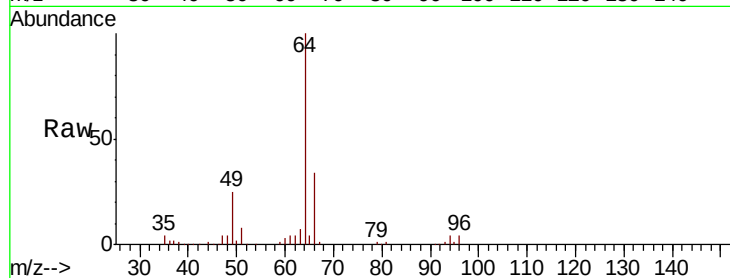
66 34.3 27.0 40.6

Manual Integrations

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.53

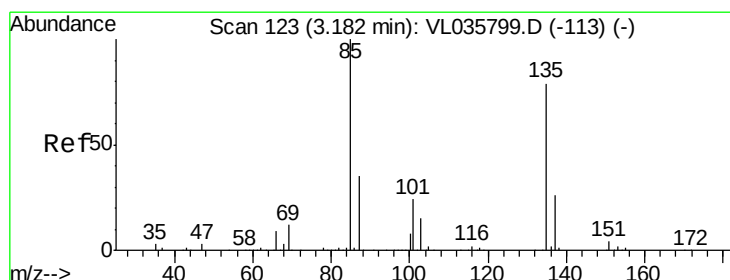
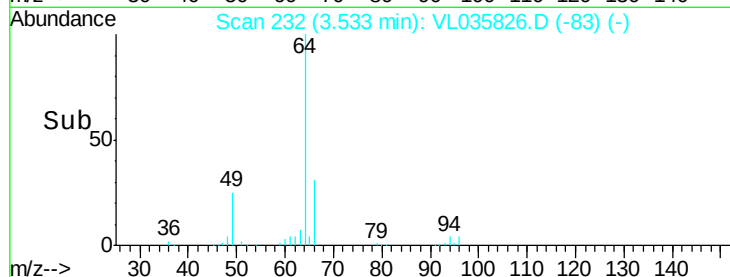
150000

100000

50000

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Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.861 ppbv

RT: 3.16 min Scan# 117

Delta R.T. -0.02 min

Lab File: VL035826.D

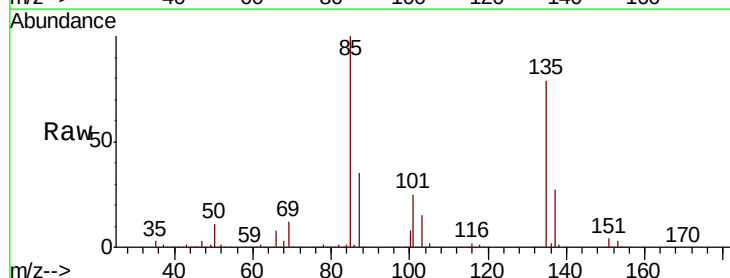
Acq: 4 Nov 2020 5:40

Tgt Ion: 85 Resp: 2316519

Ion Ratio Lower Upper

85 100

135 81.2 64.6 96.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.16

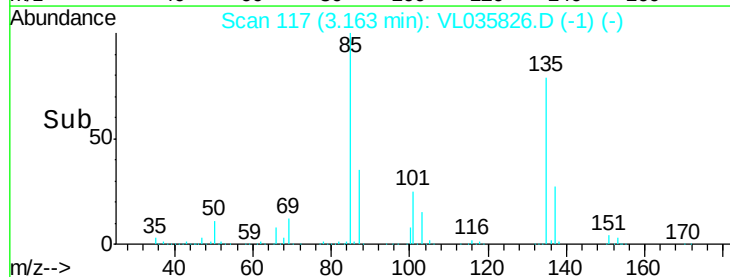
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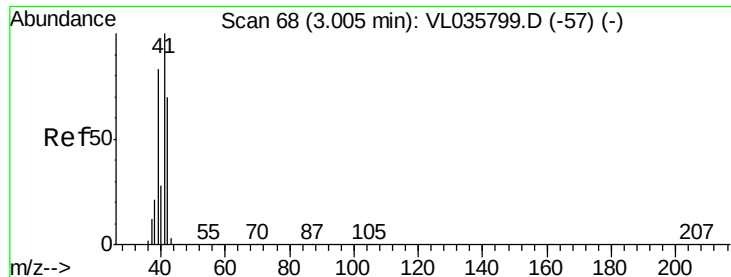
1000000

500000

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Time-->





#9

Propene

Concen: 9.646 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.02 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 41 Resp: 460954

Ion Ratio Lower Upper

41 100

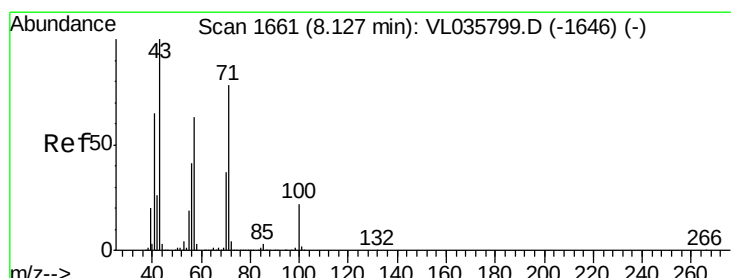
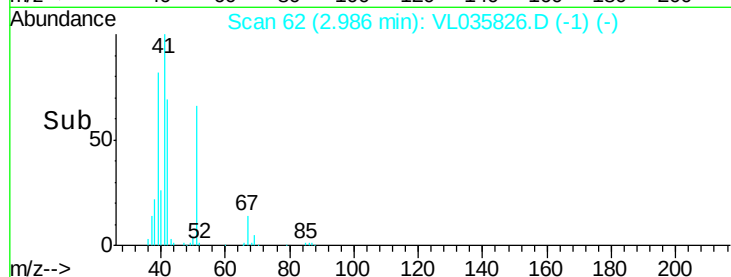
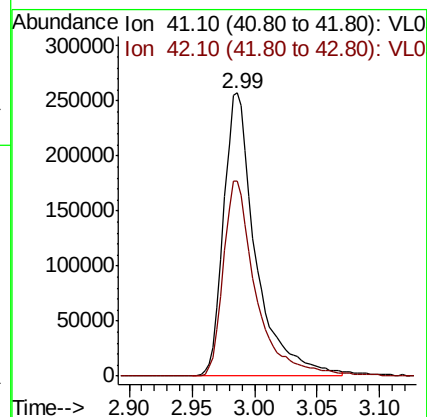
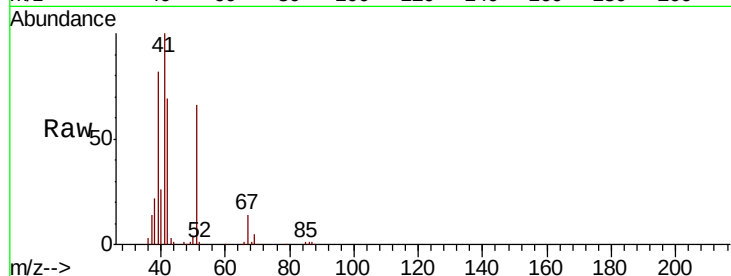
42 70.3 56.2 84.4

Manual Integrations

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#10

Heptane

Concen: 9.639 ppbv

RT: 8.10 min Scan# 1651

Delta R.T. -0.03 min

Lab File: VL035826.D

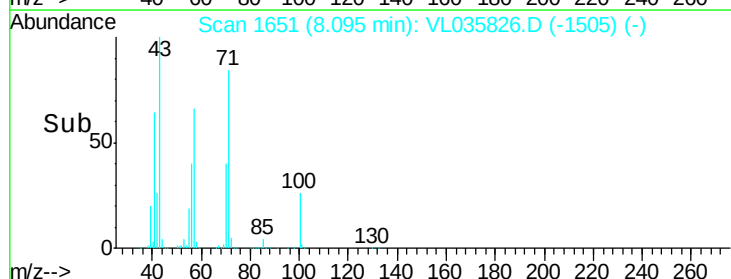
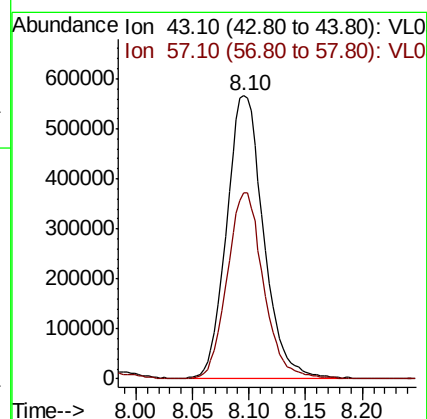
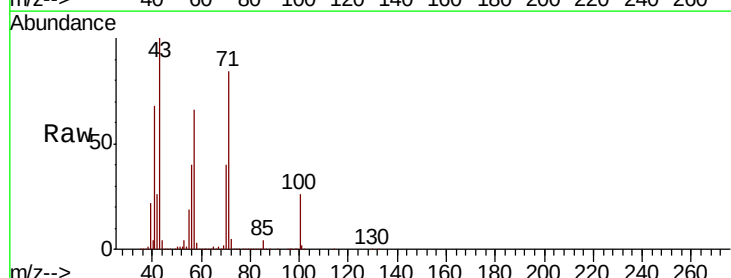
Acq: 4 Nov 2020 5:40

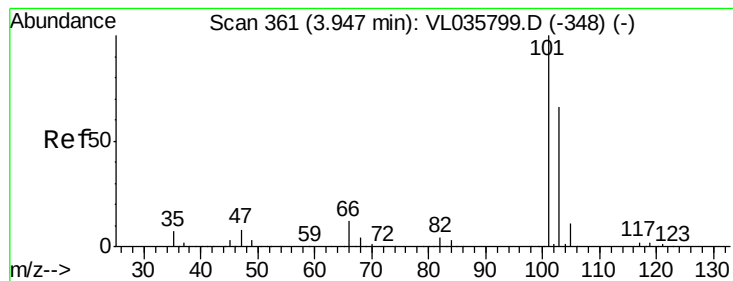
Tgt Ion: 43 Resp: 1272199

Ion Ratio Lower Upper

43 100

57 65.9 50.0 75.0





#11

Trichlorofluoromethane

Concen: 9.860 ppbv

RT: 3.92 min Scan# 354

Delta R.T. -0.02 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:101 Resp: 2541400

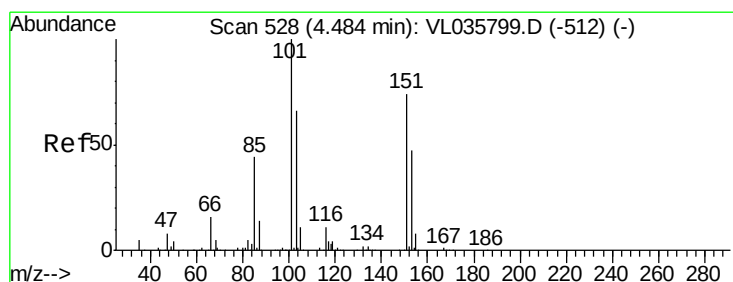
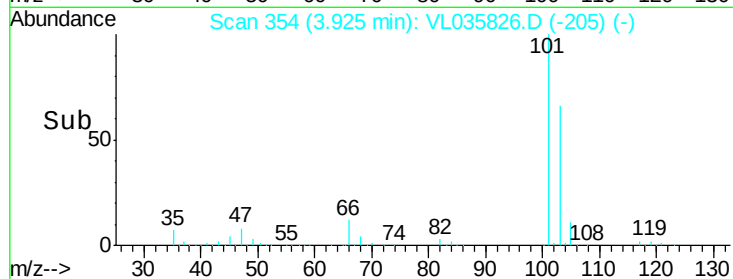
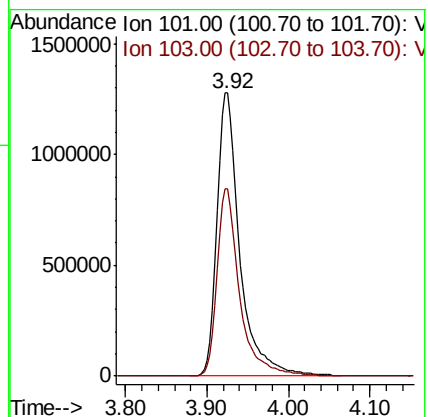
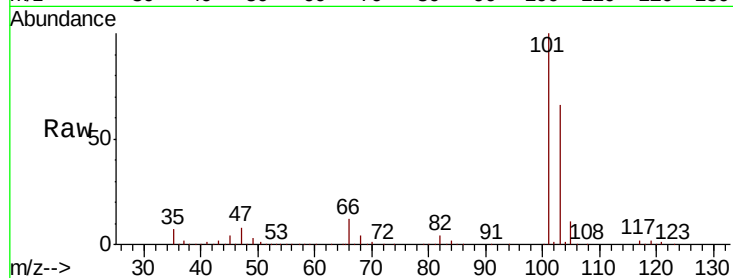
Ion Ratio Lower Upper

101 100

103 66.0 53.0 79.4

Manual Integrations
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#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.977 ppbv

RT: 4.46 min Scan# 520

Delta R.T. -0.03 min

Lab File: VL035826.D

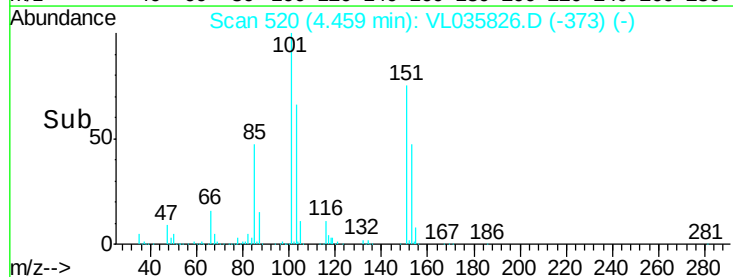
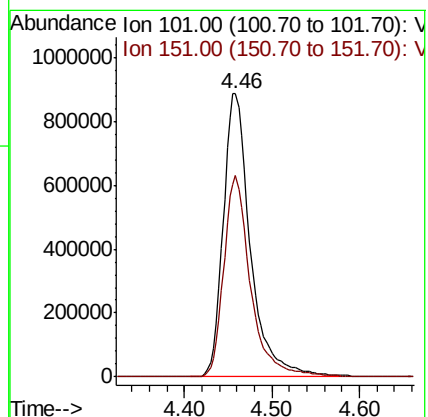
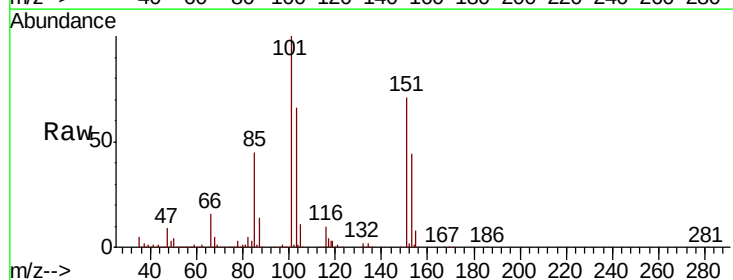
Acq: 4 Nov 2020 5:40

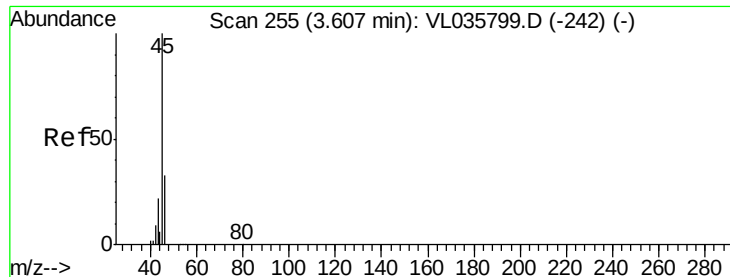
Tgt Ion:101 Resp: 1914511

Ion Ratio Lower Upper

101 100

151 70.2 58.9 88.3





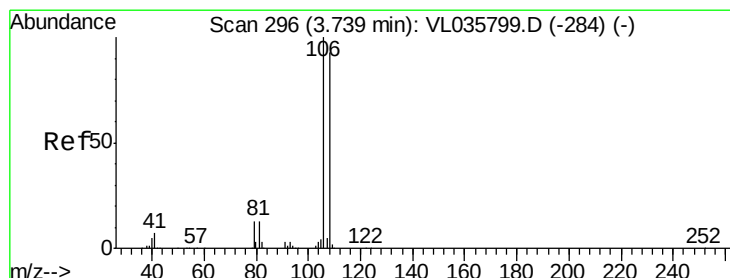
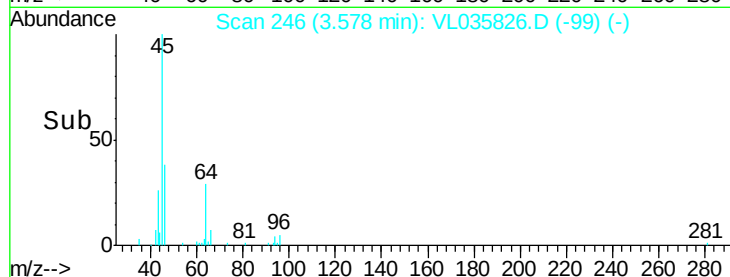
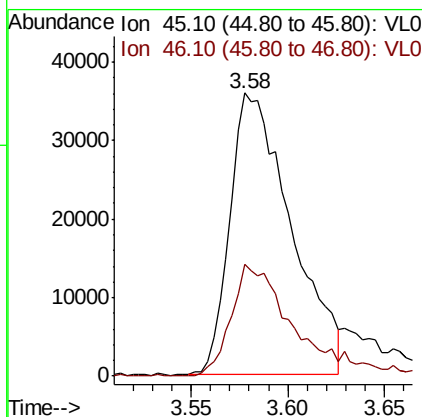
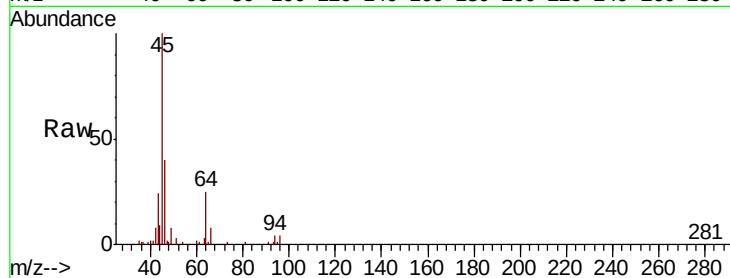
#13
Ethanol
Concen: 7.614 ppbv
RT: 3.58 min Scan# 246
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 45 Resp: 78931
Ion Ratio Lower Upper
45 100
46 43.6 16.1 64.5

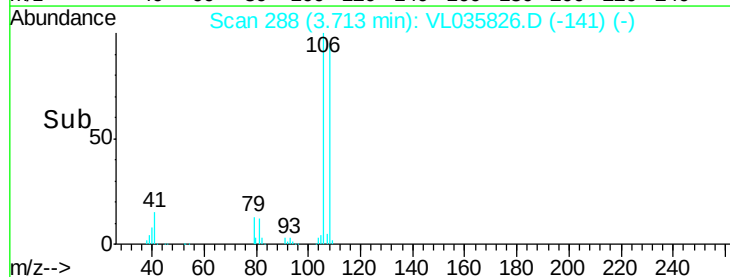
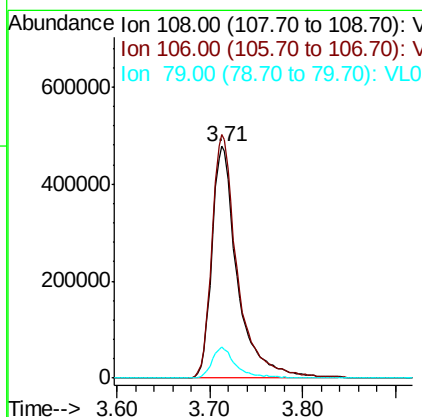
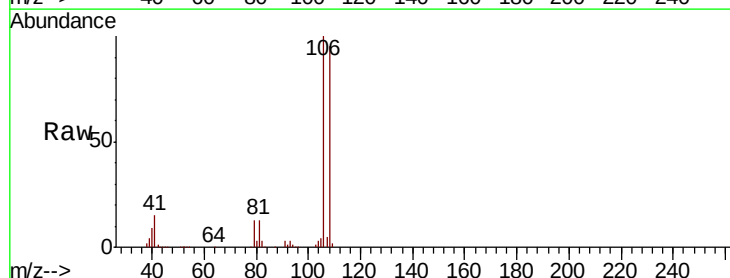
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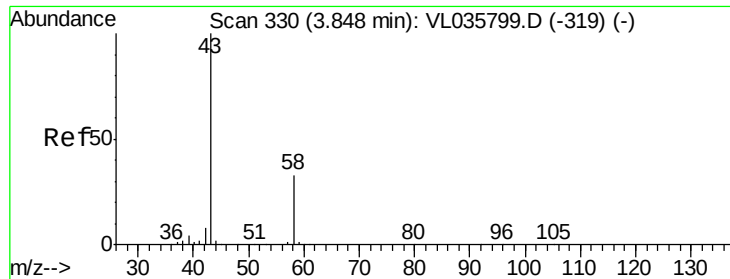
MMDadoda
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#14
Bromoethene
Concen: 10.346 ppbv
RT: 3.71 min Scan# 288
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 108 Resp: 913692
Ion Ratio Lower Upper
108 100
106 105.9 85.3 127.9
79 13.0 11.6 17.4





#15

Acetone

Concen: 8.941 ppbv

RT: 3.83 min Scan# 323

Delta R.T. -0.02 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 1042143

Ion Ratio Lower Upper

43 100

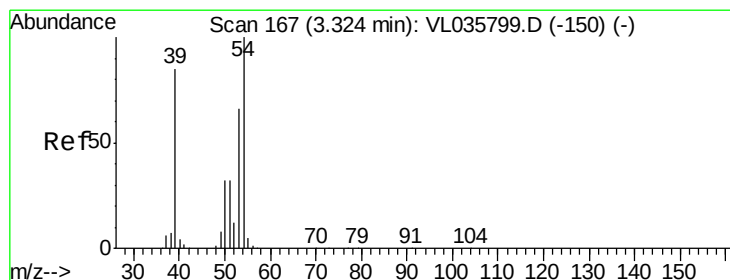
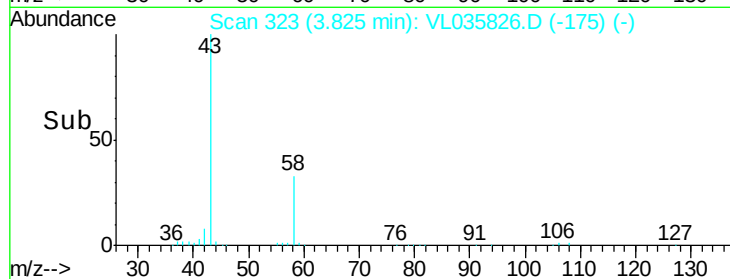
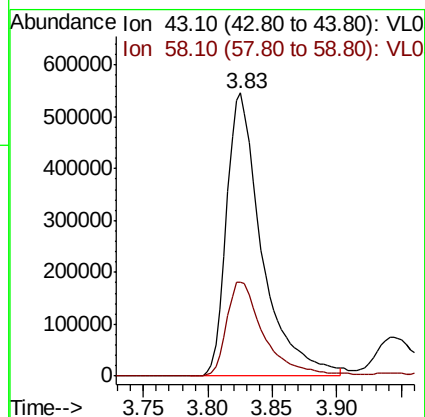
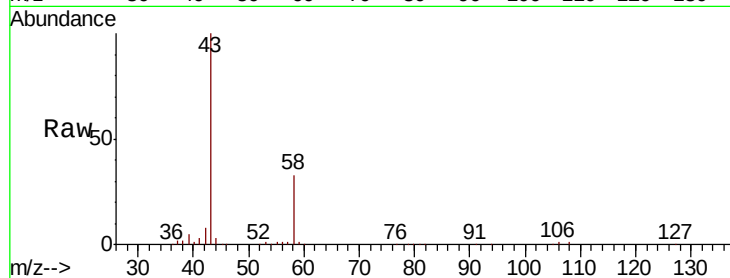
58 35.3 27.5 41.3

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#16

1,3-Butadiene

Concen: 9.569 ppbv

RT: 3.30 min Scan# 160

Delta R.T. -0.02 min

Lab File: VL035826.D

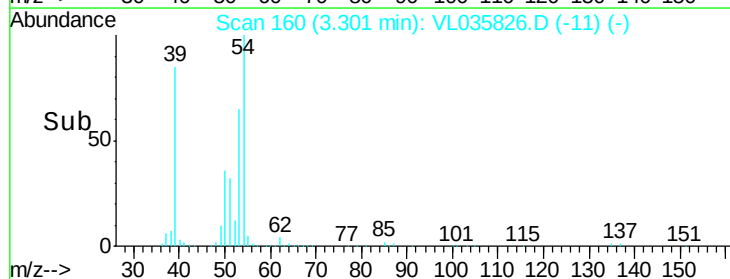
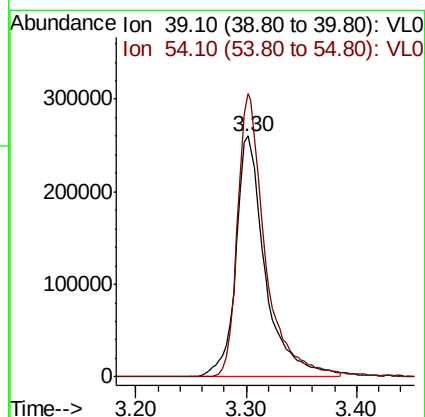
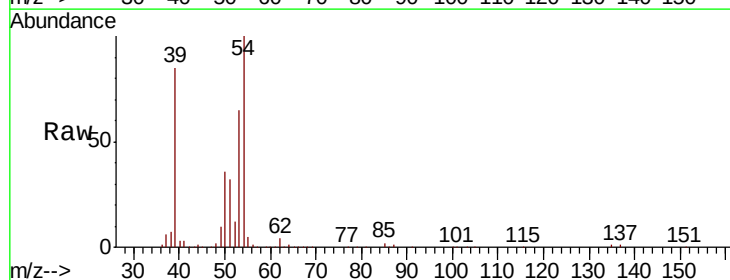
Acq: 4 Nov 2020 5:40

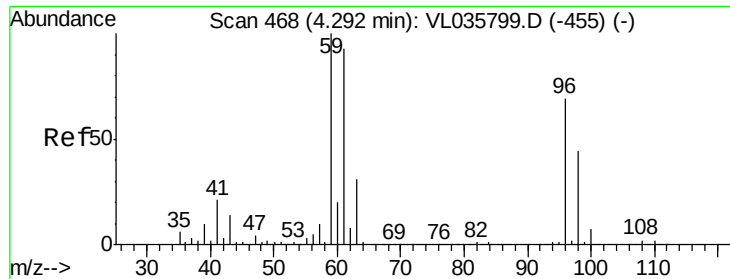
Tgt Ion: 39 Resp: 480220

Ion Ratio Lower Upper

39 100

54 112.9 87.1 130.7





#17

tert-Butyl alcohol

Concen: 10.147 ppbv

RT: 4.27 min Scan# 460

Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Tot Ion: 59 Resp: 1567407

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4

Instrument :

MSVOA_L

ClientSampleId :

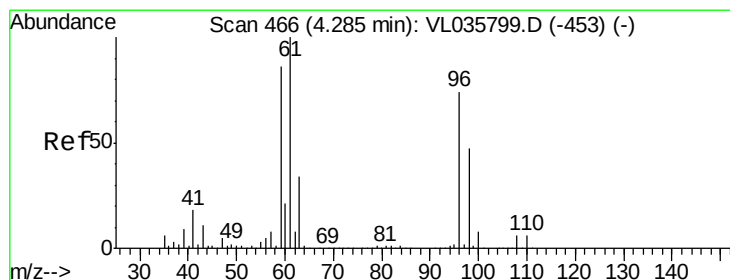
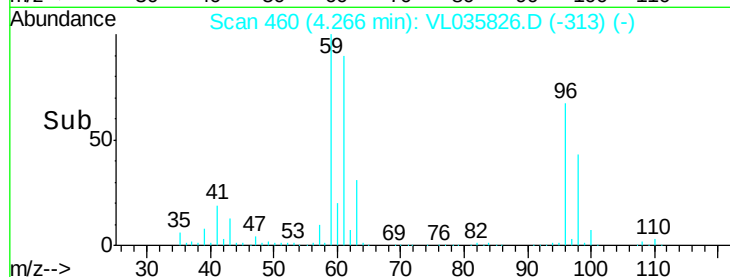
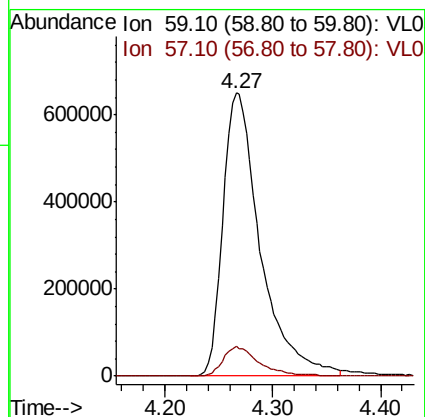
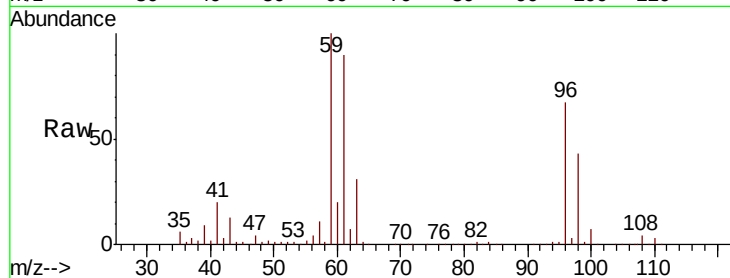
VSTDCCC010EC

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#18

1,1-Dichloroethene

Concen: 10.393 ppbv

RT: 4.26 min Scan# 459

Delta R.T. -0.02 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

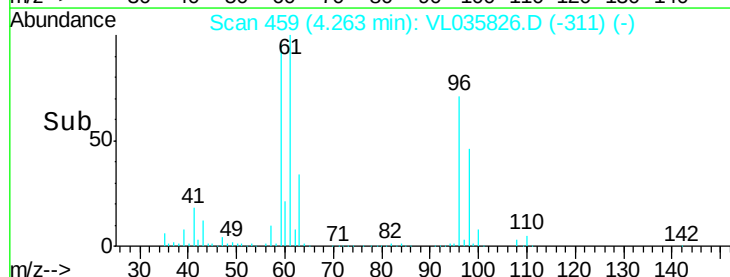
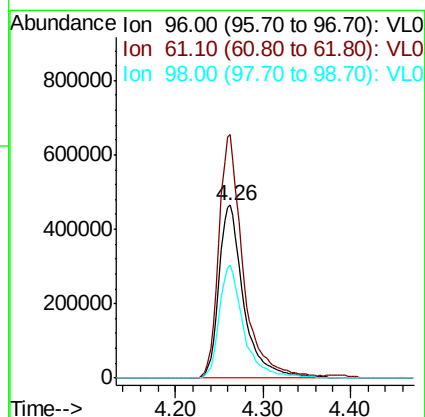
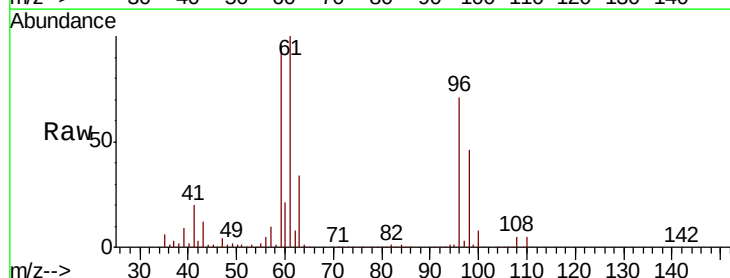
Tgt Ion: 96 Resp: 915699

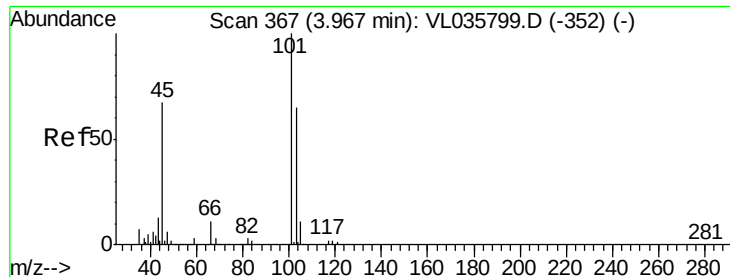
Ion Ratio Lower Upper

96 100

61 140.9 108.5 162.7

98 65.2 50.7 76.1





#19

Isopropyl Alcohol

Concen: 9.487 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.02 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 679514

Ion Ratio Lower Upper

45 100

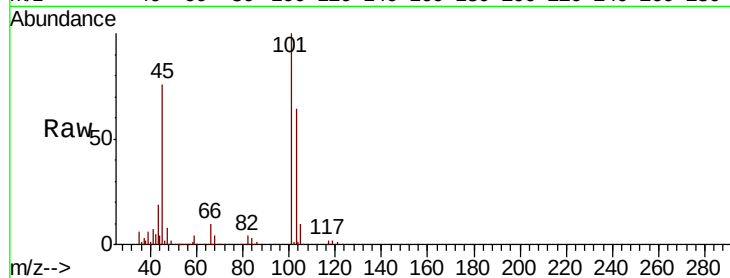
58 2.5 2.6 3.8#

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.94

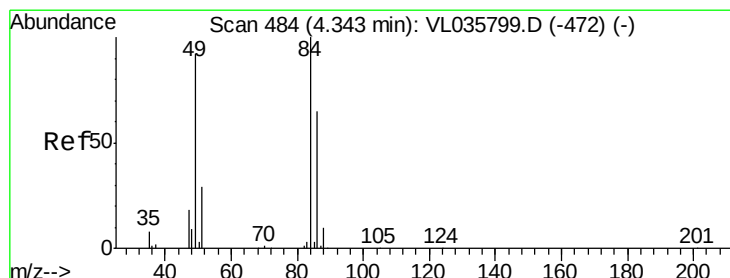
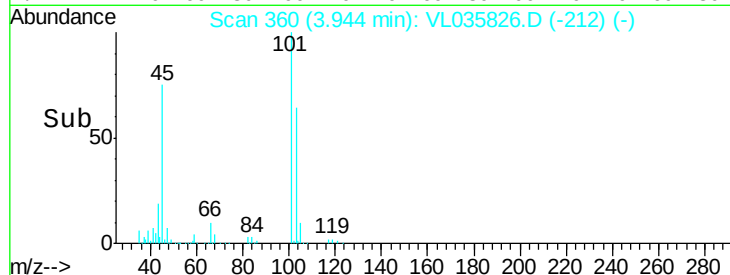
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 8.994 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Tgt Ion: 84 Resp: 737968

Ion Ratio Lower Upper

84 100

49 90.8 73.8 110.8

51 28.7 23.0 34.4

86 65.4 52.1 78.1

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

500000

400000

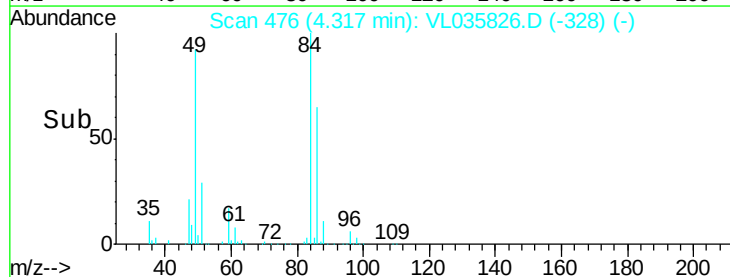
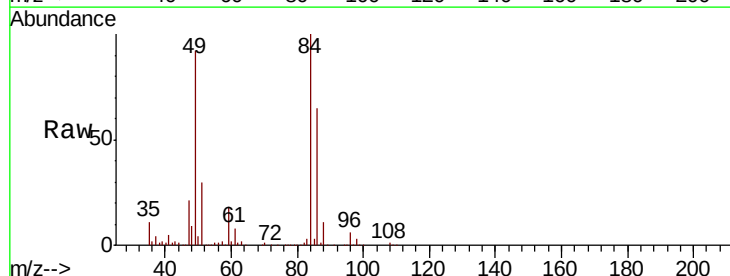
300000

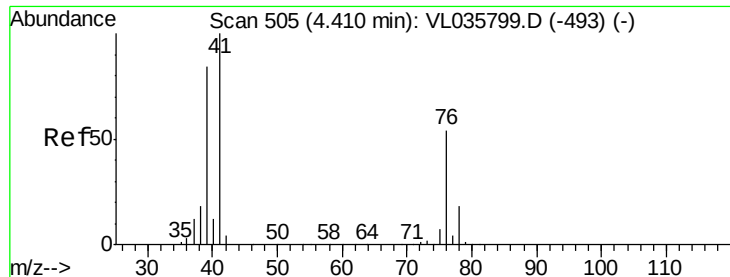
200000

100000

0

Time-->





#21

Allvl Chloride

Concen: 10.000 ppbv

RT: 4.38 min Scan# 497

Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

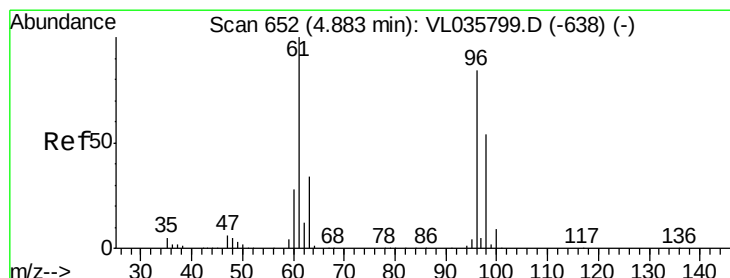
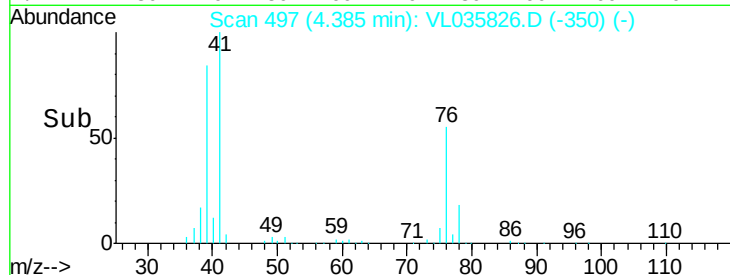
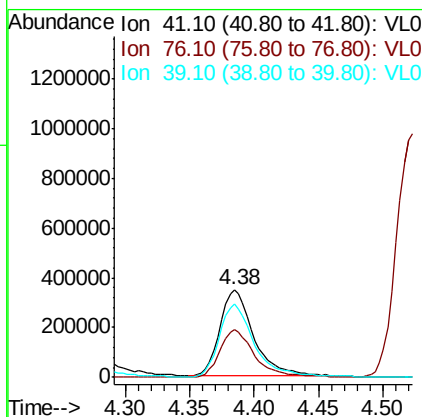
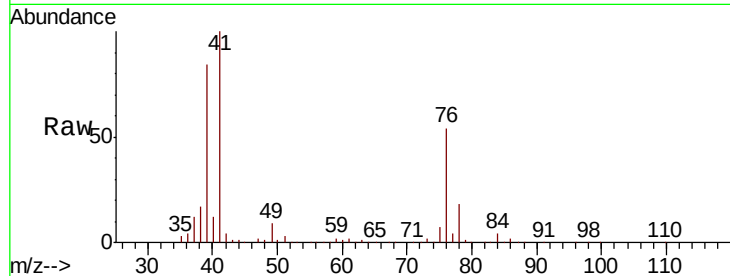
ClientSampleId :

VSTDCCC010EC

Tot Ion:	41	Resp:	630332
Ion Ratio	Lower	Upper	
41	100		
76	57.9	42.6	63.8
39	88.8	67.0	100.4

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#22

trans-1,2-Dichloroethene

Concen: 10.391 ppbv

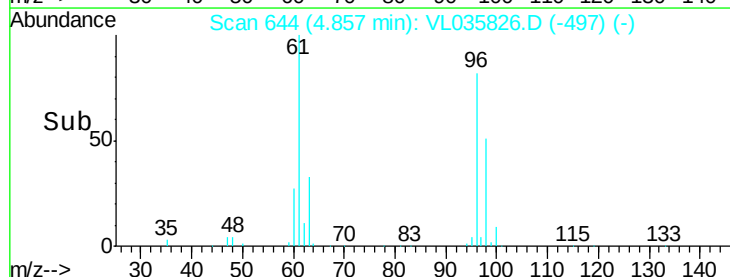
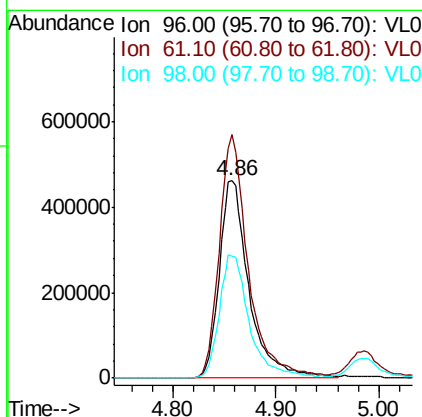
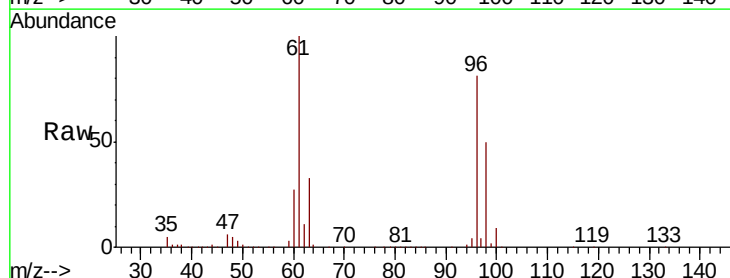
RT: 4.86 min Scan# 644

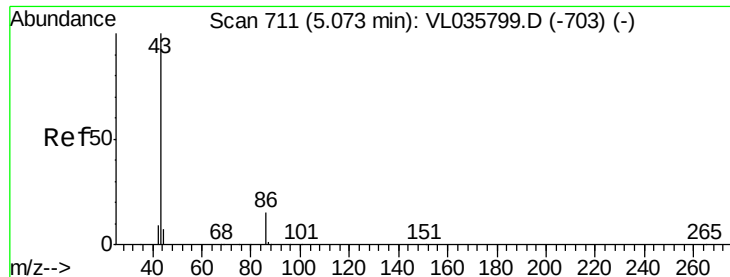
Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Tgt Ion:	96	Resp:	928098
Ion Ratio	Lower	Upper	
96	100		
61	123.2	95.4	143.0
98	61.9	51.8	77.6





#23

Vinyl Acetate

Concen: 9.148 ppbv

RT: 5.05 min Scan# 703

Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 1494652

Ion Ratio Lower Upper

43 100

86 12.8 9.8 14.6

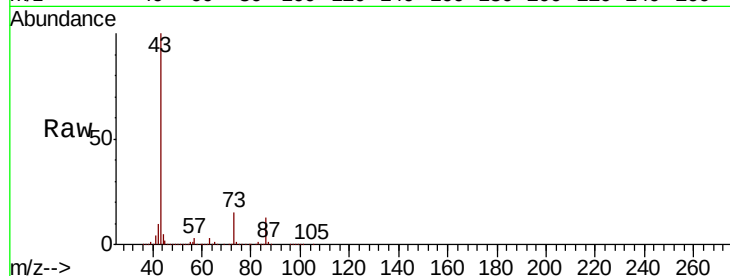
42 10.1 8.1 12.1

44 5.1 4.2 6.4

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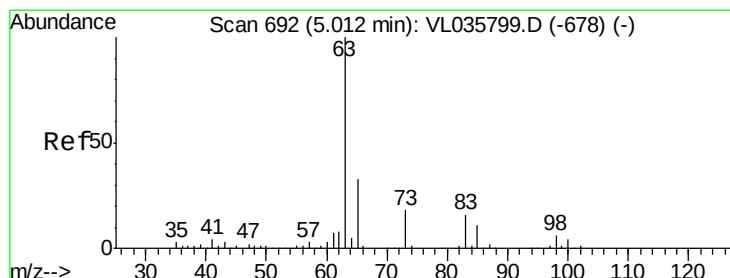
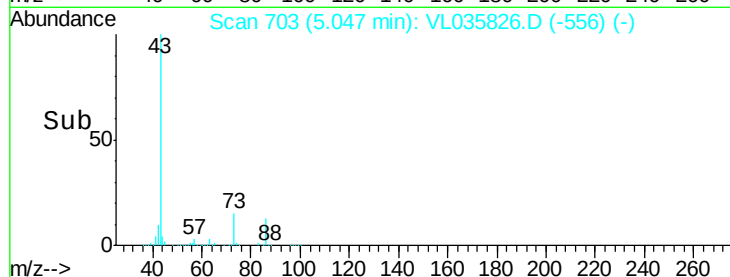
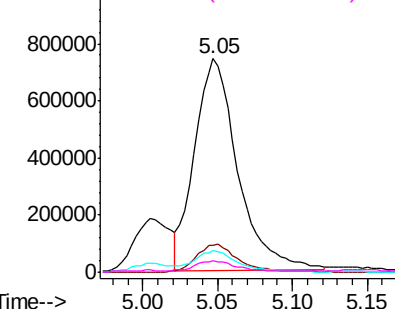


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.837 ppbv

RT: 4.99 min Scan# 684

Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

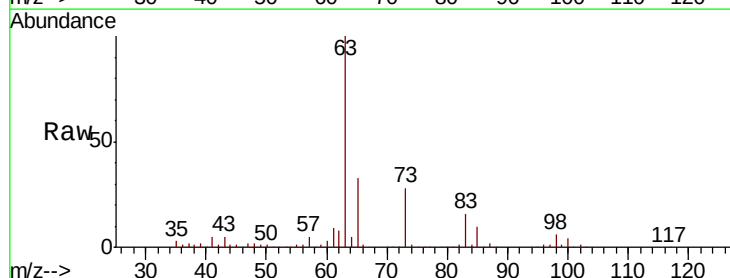
Tgt Ion: 63 Resp: 1531204

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

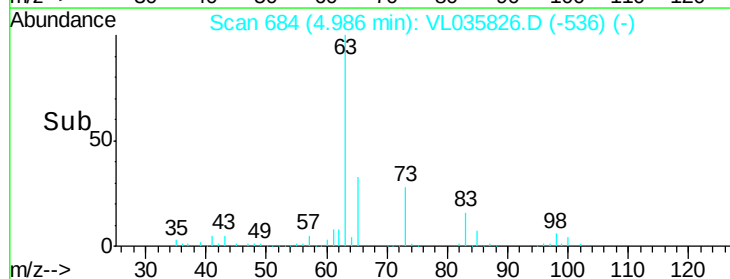
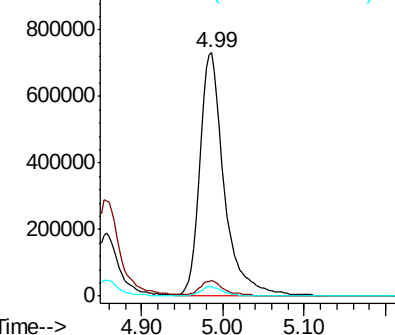
100 3.8 1.8 5.4

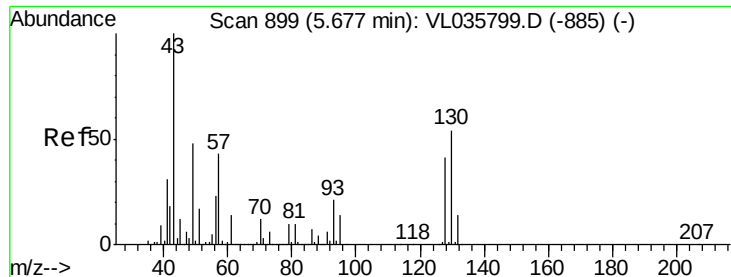


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





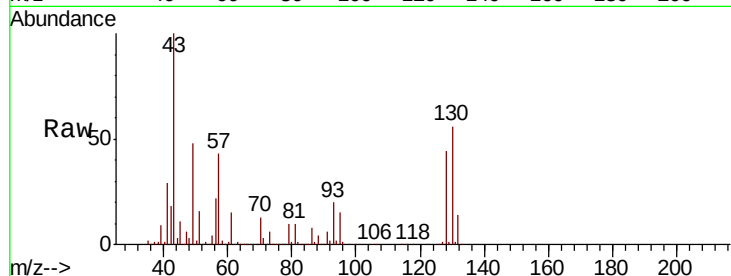
#25
Ethyl Acetate
Concen: 9.479 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	10.6	8.5	12.7	
61	13.9	10.7	16.1	
70	11.5	8.6	12.8	

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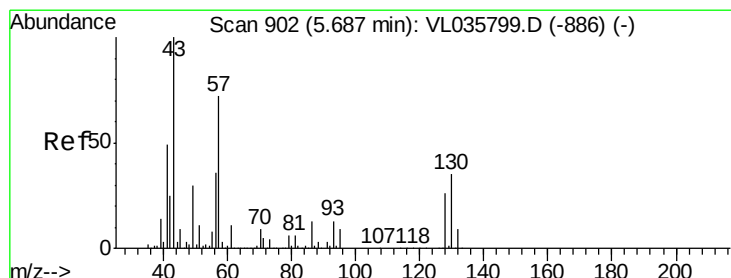
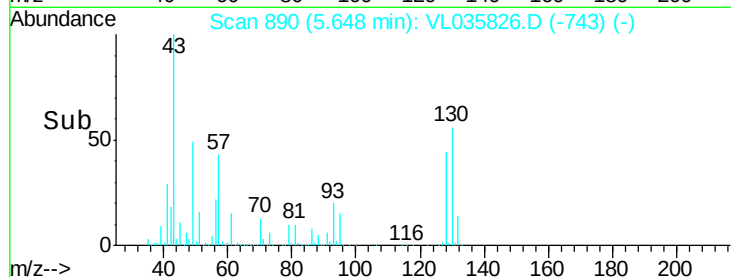
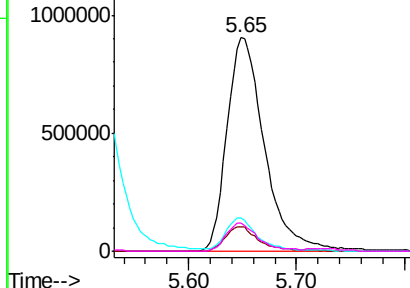
Abundance

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: 9.640 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	70.2	58.9	88.3	
43	180.7	150.2	225.2	
56	52.0	42.4	63.6	

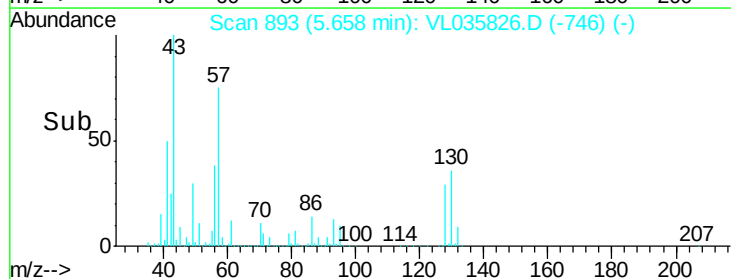
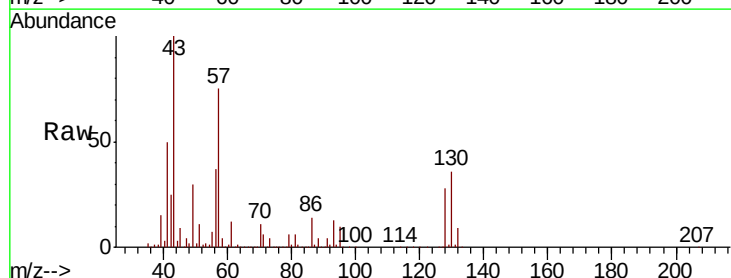
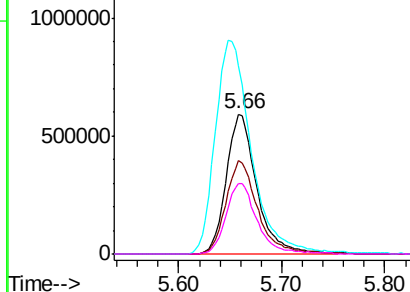
Abundance

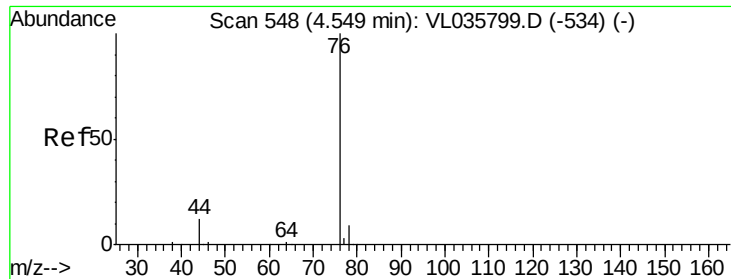
Ion 57.10 (56.80 to 57.80): VL0

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





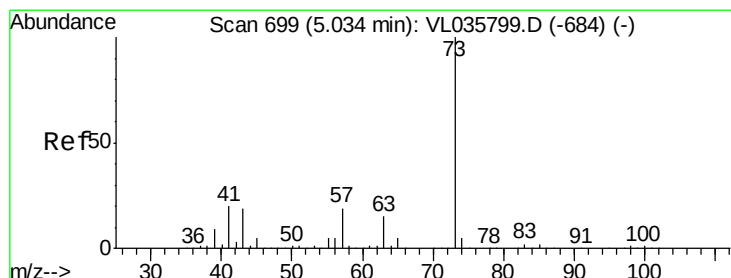
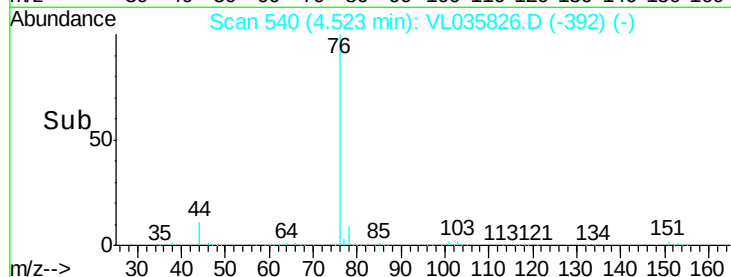
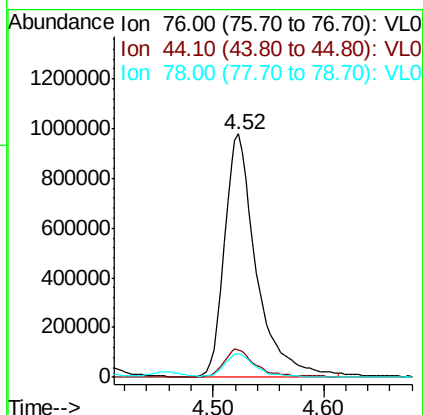
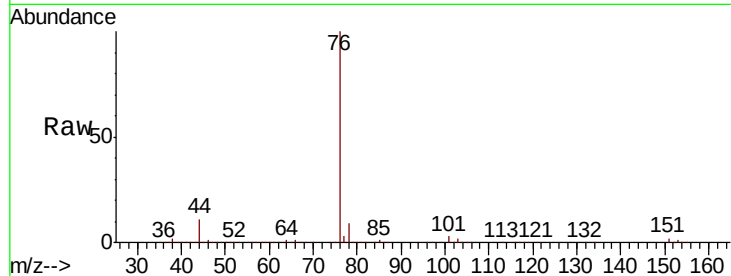
#27
Carbon Disulfide
Concen: 10.259 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 76 Resp: 1946663
Ion Ratio Lower Upper
76 100
44 11.7 9.9 14.9
78 10.1 8.1 12.1

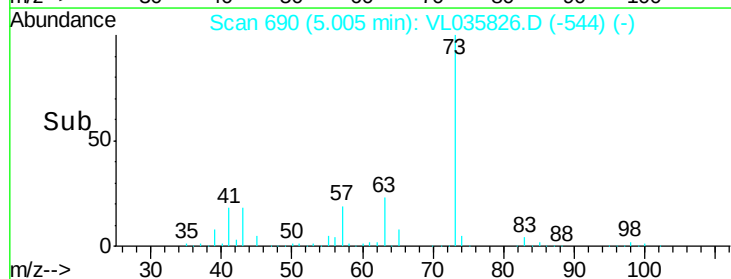
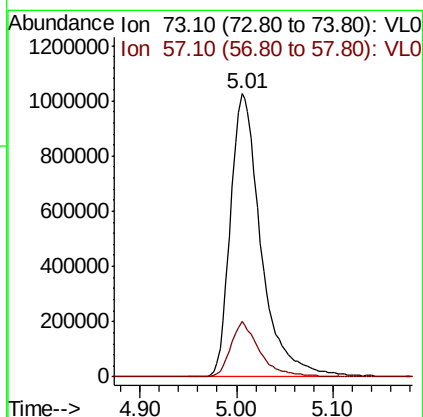
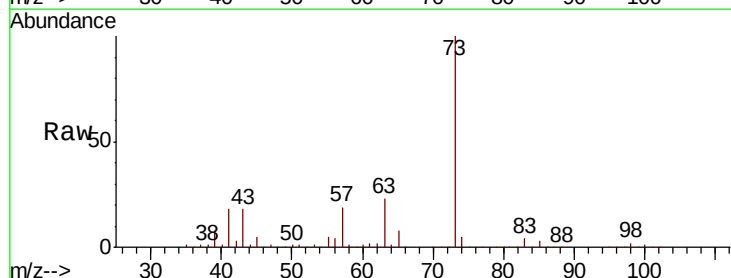
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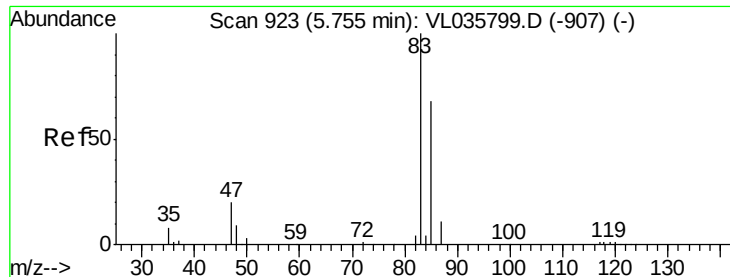
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#28
Methyl tert-Butyl Ether
Concen: 9.898 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 73 Resp: 2250934
Ion Ratio Lower Upper
73 100
57 18.6 15.4 23.2





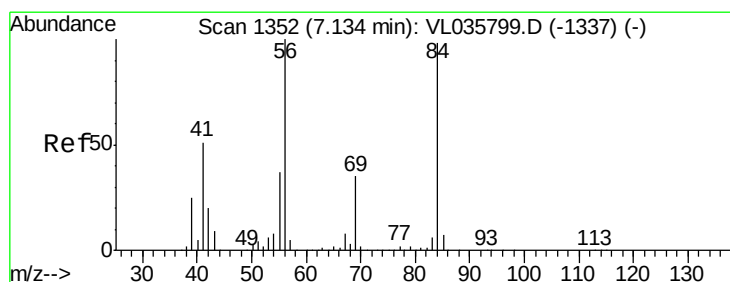
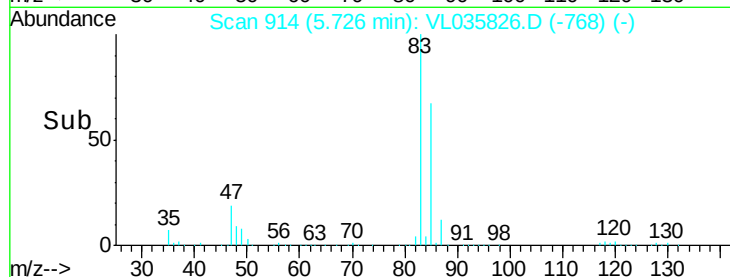
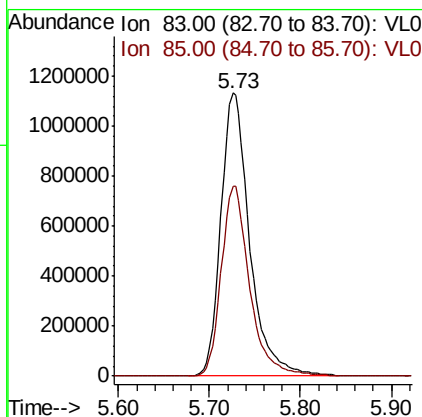
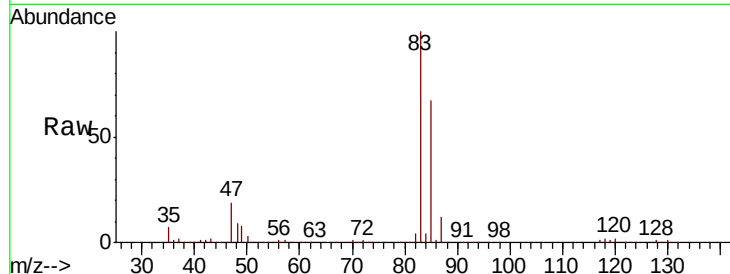
#29
Chloroform
Concen: 10.015 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 83 Resp: 2492593
Ion Ratio Lower Upper
83 100
85 66.8 54.6 81.8

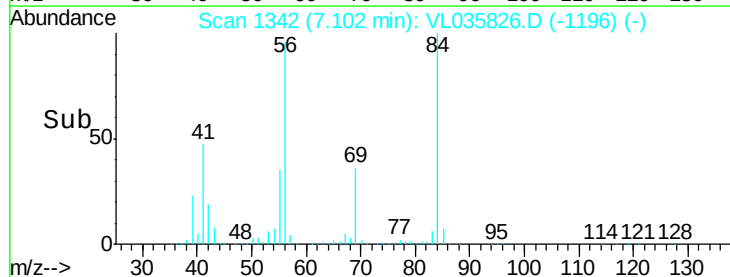
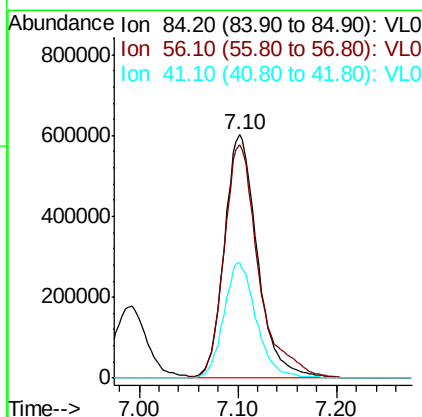
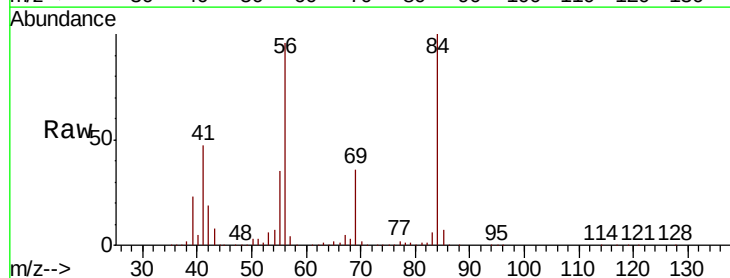
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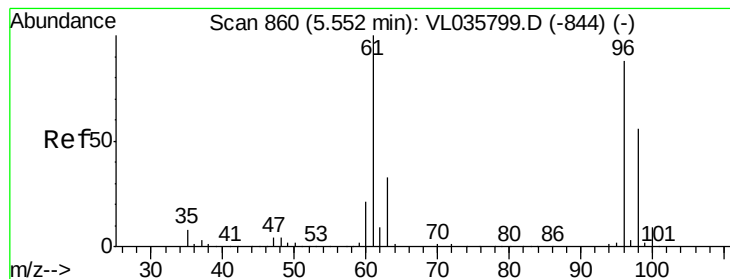
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#30
Cyclohexane
Concen: 10.137 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 84 Resp: 1398182
Ion Ratio Lower Upper
84 100
56 101.5 86.4 129.6
41 47.2 42.1 63.1





#31

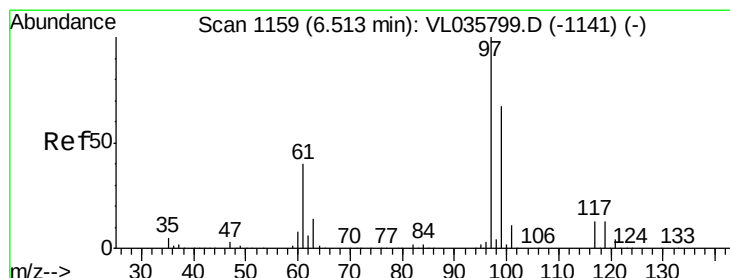
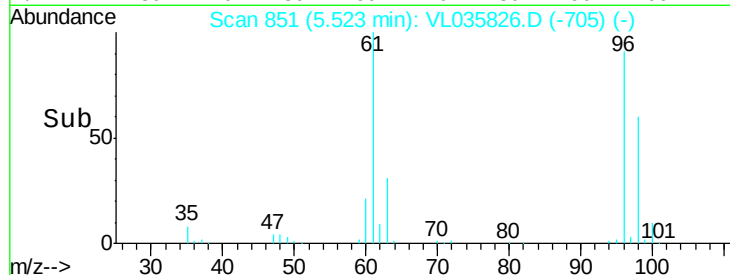
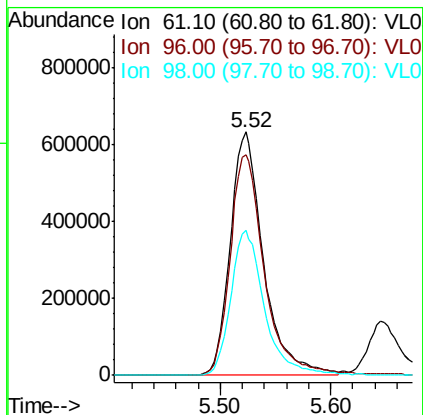
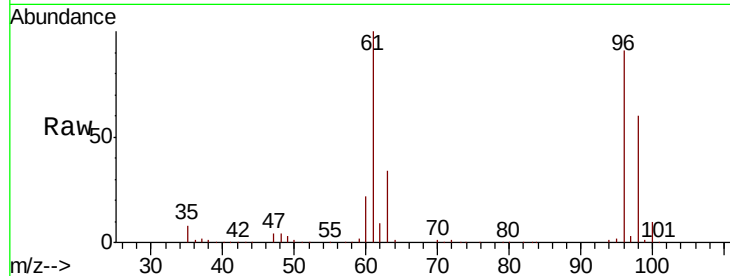
cis-1,2-Dichloroethene
Concen: 10.138 ppbv
RT: 5.52 min Scan# 851
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 61 Resp: 1320678
Ion Ratio Lower Upper
61 100
96 90.7 70.3 105.5
98 59.7 45.0 67.6

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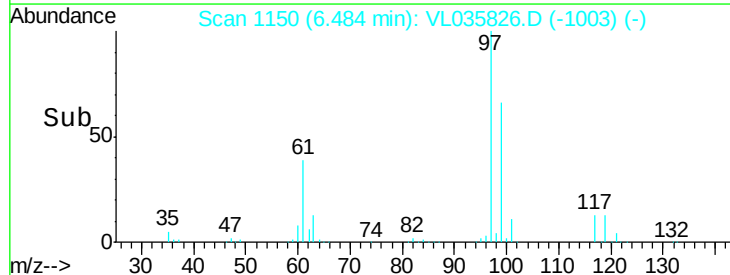
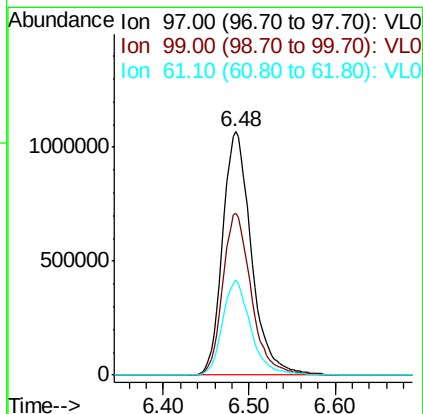
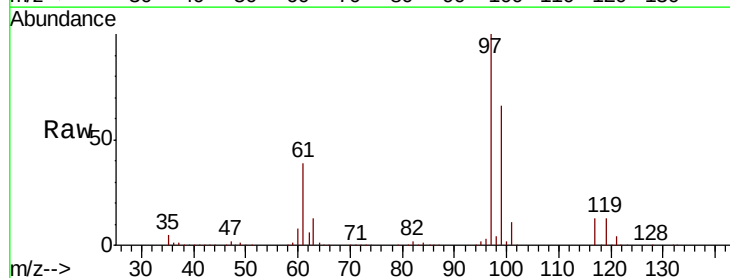
MMDadoda
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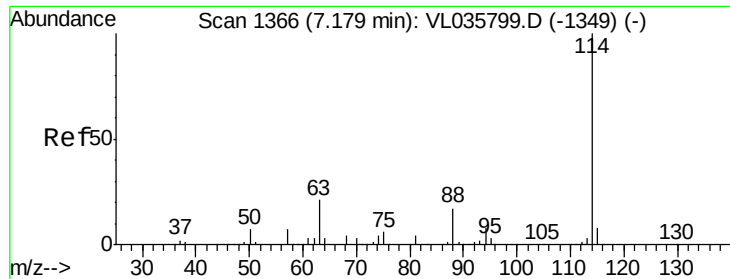


#32

1,1,1-Trichloroethane
Concen: 9.588 ppbv
RT: 6.48 min Scan# 1150
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 97 Resp: 2490179
Ion Ratio Lower Upper
97 100
99 65.9 52.3 78.5
61 38.4 32.0 48.0





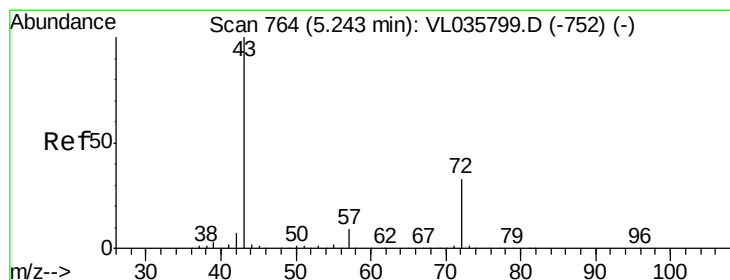
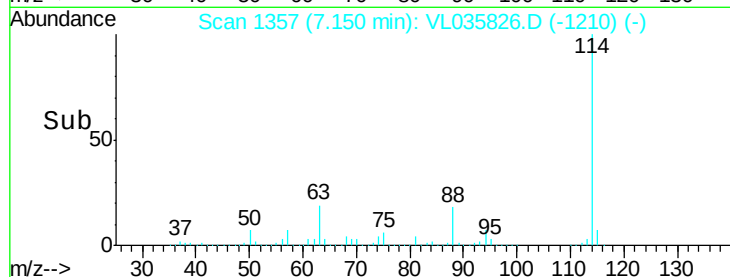
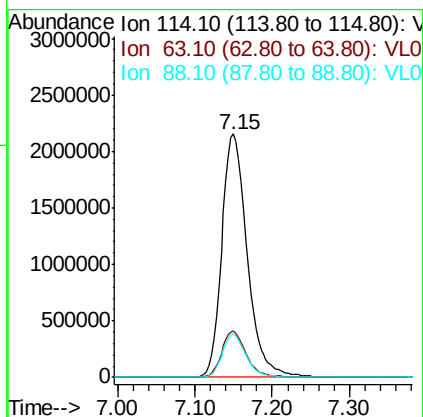
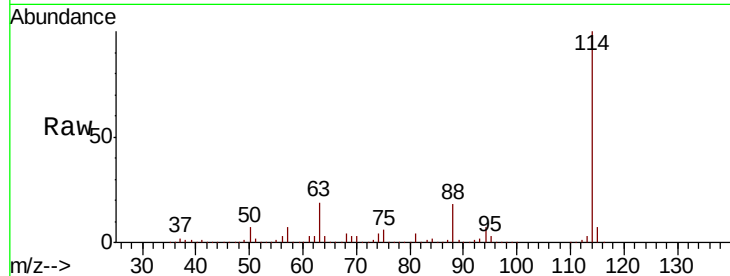
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	16.1	24.1
88	16.8	13.7	20.5

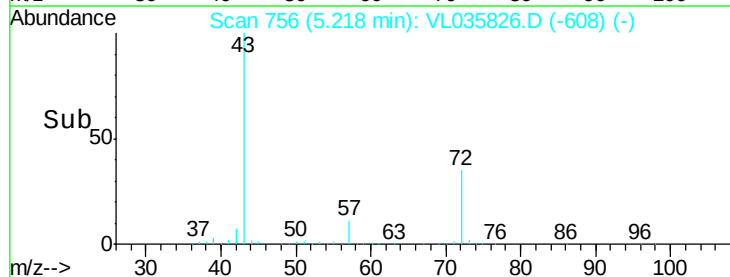
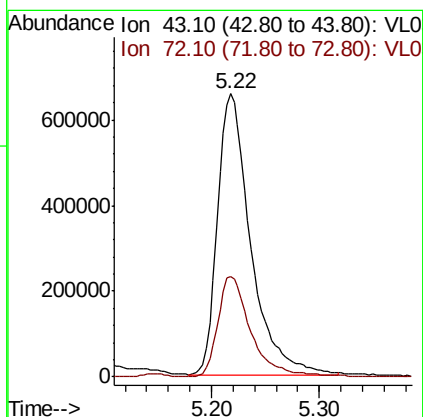
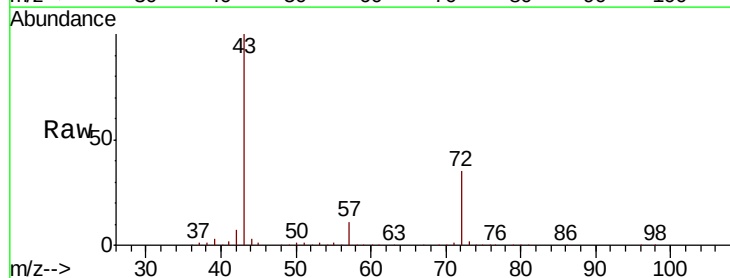
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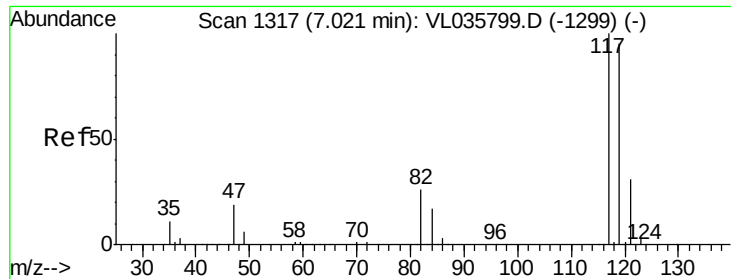
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#34
 2-Butanone
 Concen: 8.754 ppbv
 RT: 5.22 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Tgt Ion	Ratio	Lower	Upper
43	100		
72	36.3	26.5	39.7





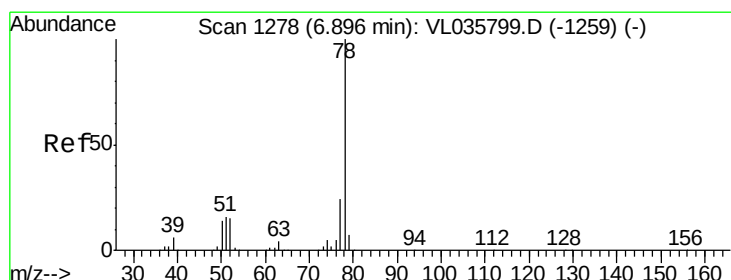
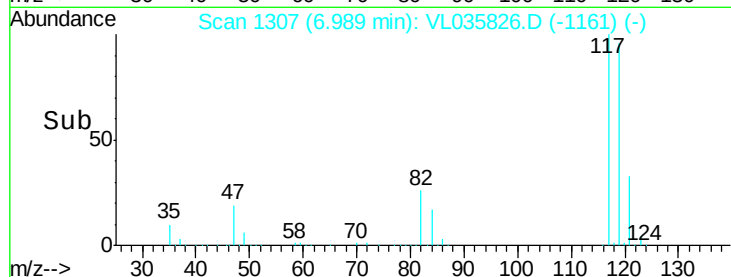
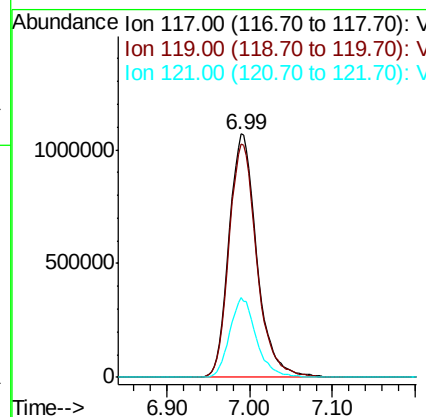
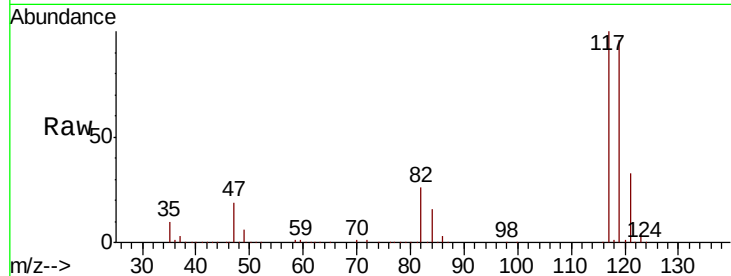
#35
Carbon Tetrachloride
Concen: 9.428 ppbv
RT: 6.99 min Scan# 1307
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:117 Resp: 2485439
Ion Ratio Lower Upper
117 100
119 96.0 75.6 113.4
121 32.8 25.1 37.7

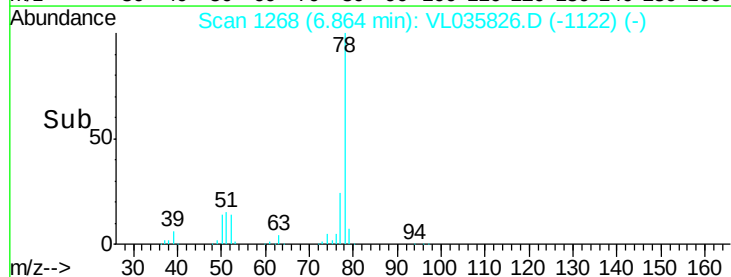
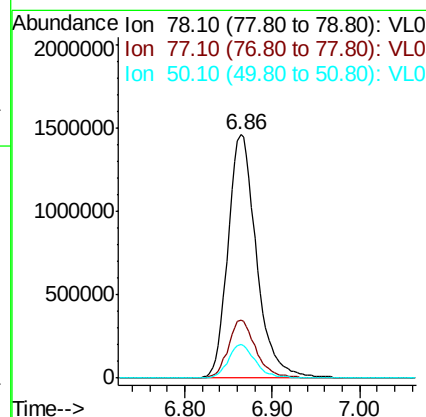
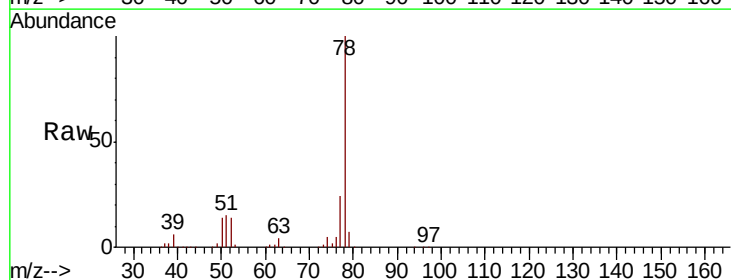
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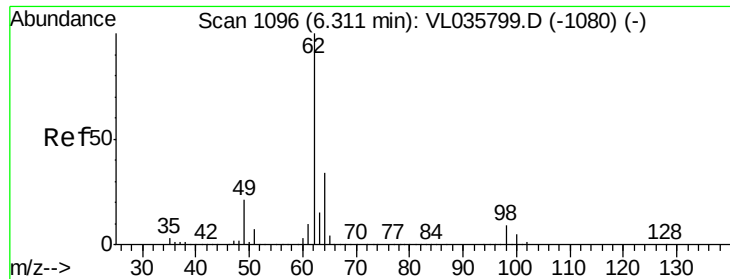
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#36
Benzene
Concen: 9.009 ppbv
RT: 6.86 min Scan# 1268
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 78 Resp: 3304681
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
50 13.8 11.4 17.2





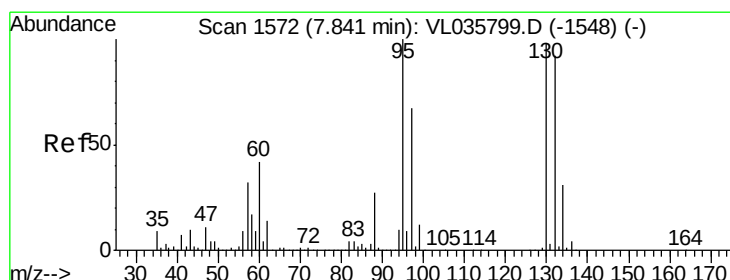
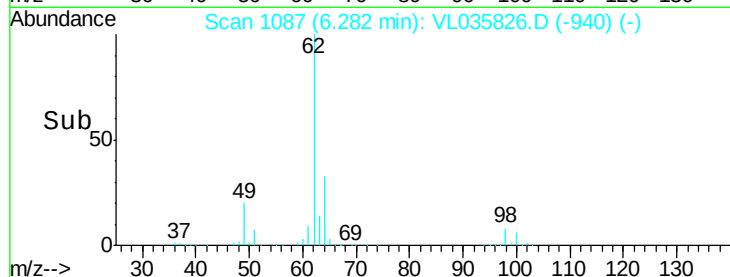
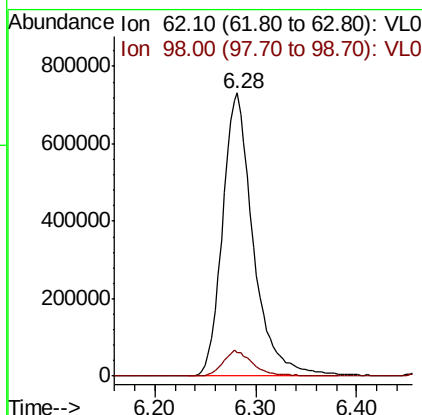
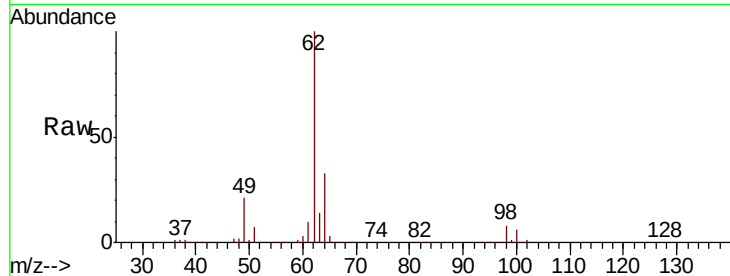
#37
 1,2-Dichloroethane
 Concen: 9.317 ppbv
 RT: 6.28 min Scan# 1087
 Delta R.T. -0.03 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 62 Resp: 1548304
 Ion Ratio Lower Upper
 62 100
 98 8.9 6.9 10.3

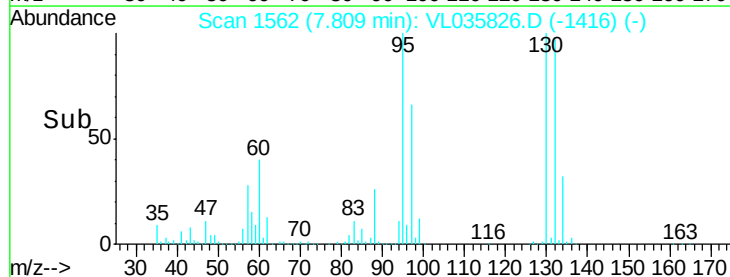
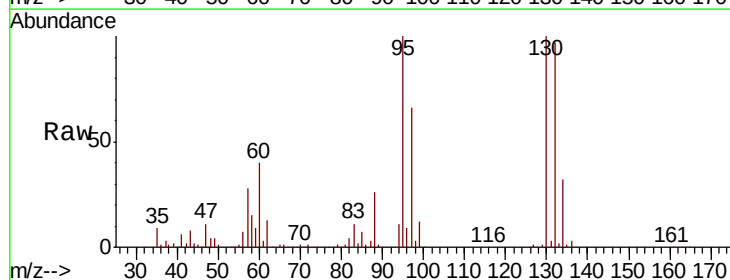
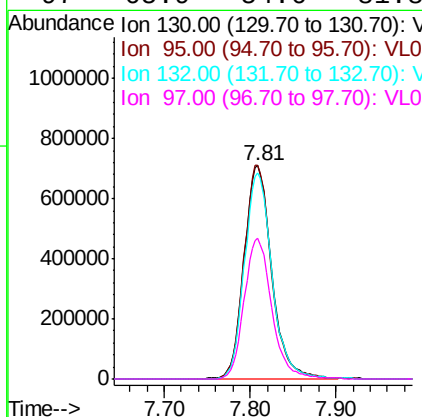
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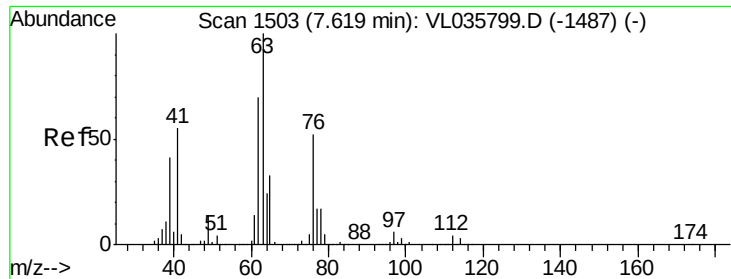
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#38
 Trichloroethene
 Concen: 8.871 ppbv
 RT: 7.81 min Scan# 1562
 Delta R.T. -0.03 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Tgt Ion: 130 Resp: 1589329
 Ion Ratio Lower Upper
 130 100
 95 100.1 81.6 122.4
 132 96.7 75.1 112.7
 97 65.9 54.6 81.8





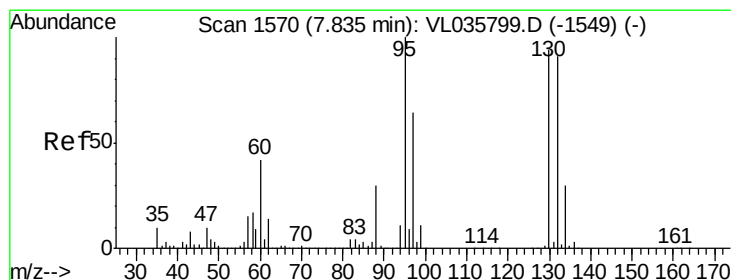
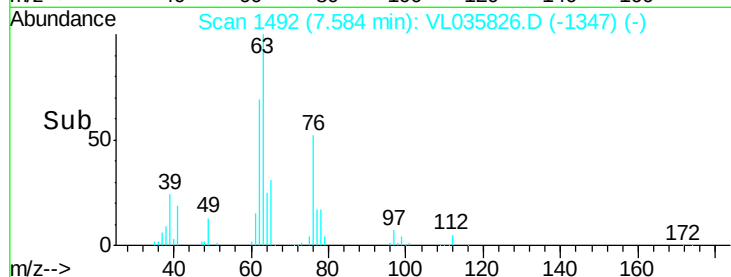
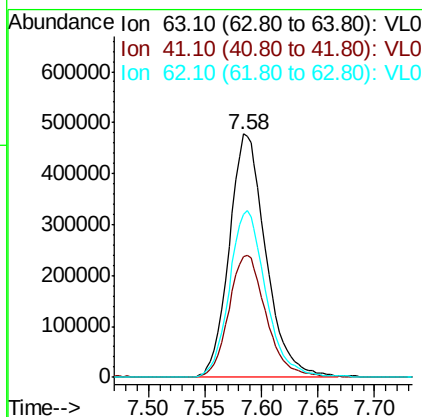
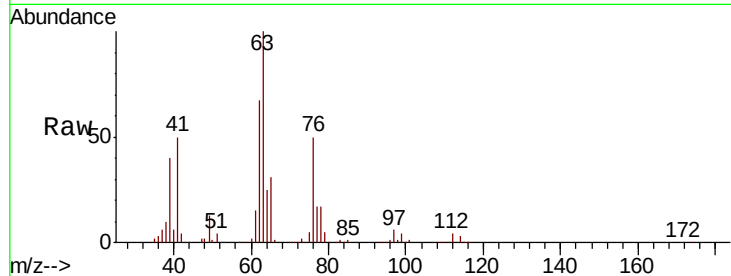
#39
 1,2-Dichloropropane
 Concen: 8.719 ppbv
 RT: 7.58 min Scan# 1492
 Delta R.T. -0.04 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 63 Resp: 1076796
 Ion Ratio Lower Upper
 63 100
 41 49.7 43.8 65.6
 62 66.8 56.2 84.2

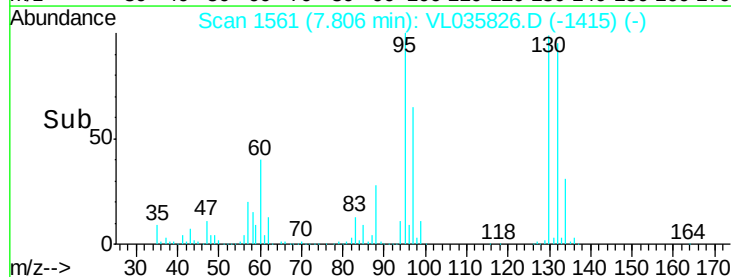
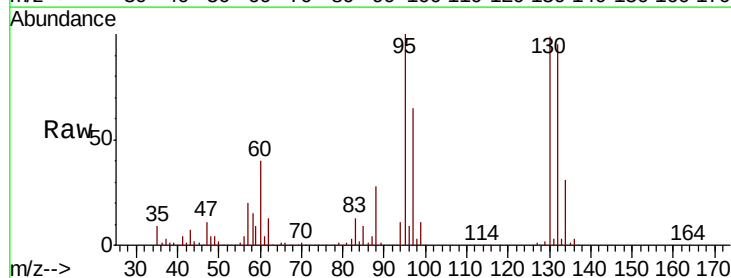
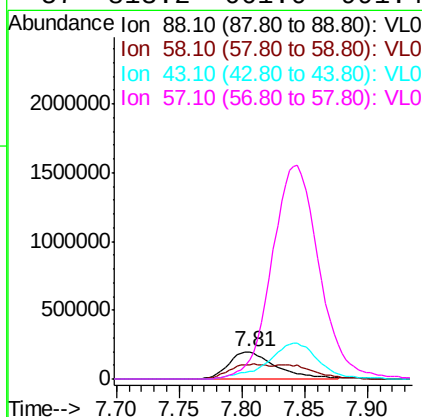
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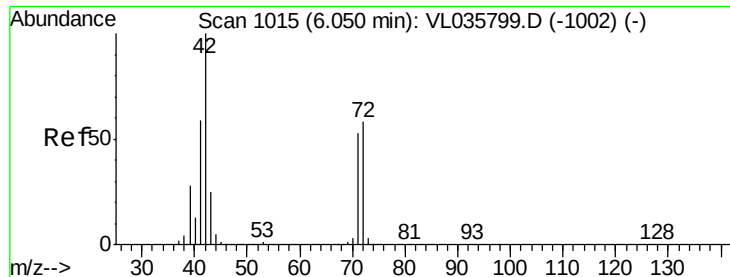
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#40
 1,4-Dioxane
 Concen: 8.628 ppbv
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Tgt Ion: 88 Resp: 505002
 Ion Ratio Lower Upper
 88 100
 58 92.1 76.2 114.2
 43 147.5 123.1 184.7
 57 813.2 661.0 991.4





#41

Tetrahydrofuran

Concen: 9.156 ppbv

RT: 6.02 min Scan# 1006

Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

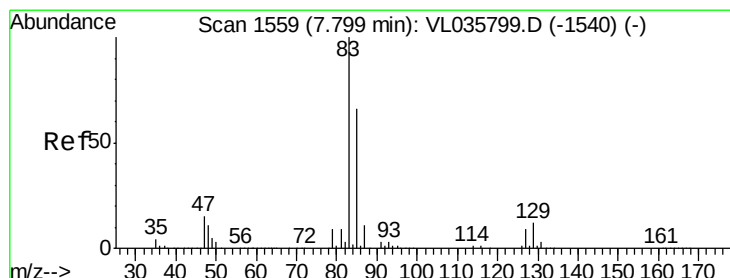
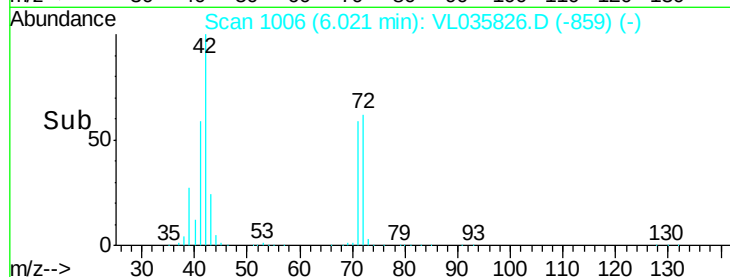
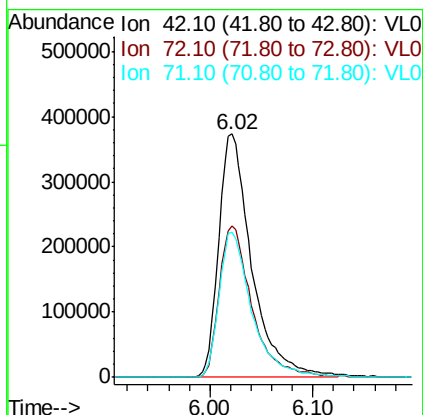
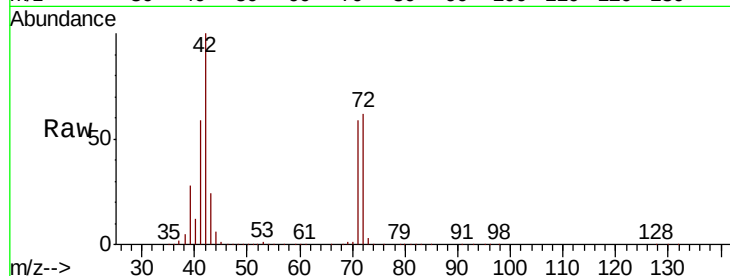
ClientSampleId :

VSTDCCC010EC

Tot Ion:	42	Resp:	832971
Ion Ratio	Lower	Upper	
42	100		
72	62.5	45.4	68.0
71	59.6	43.4	65.2

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#42

Bromodichloromethane

Concen: 9.267 ppbv

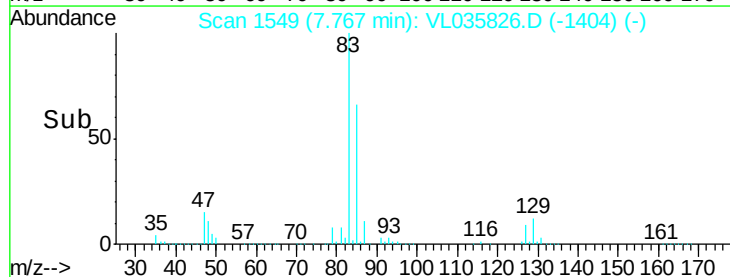
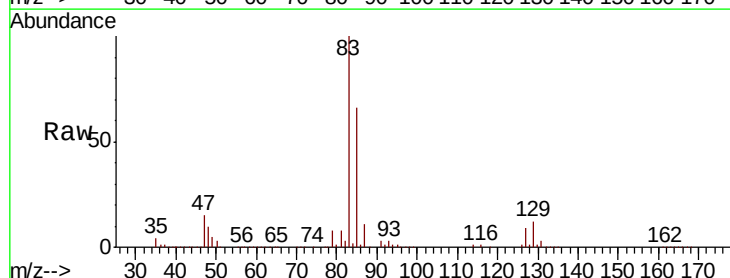
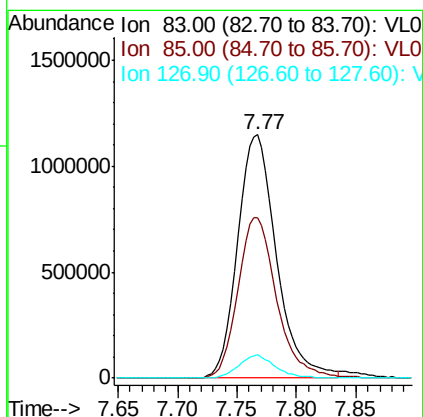
RT: 7.77 min Scan# 1549

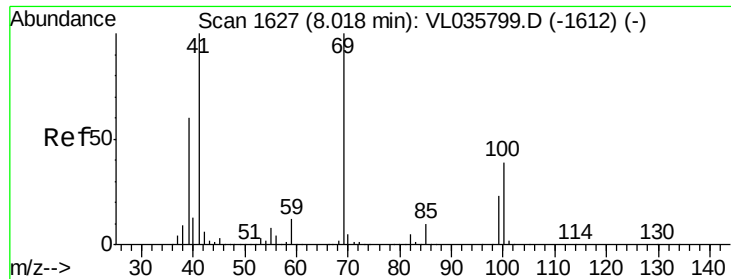
Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Tgt Ion:	83	Resp:	2598387
Ion Ratio	Lower	Upper	
83	100		
85	66.0	53.1	79.7
127	9.4	7.3	10.9





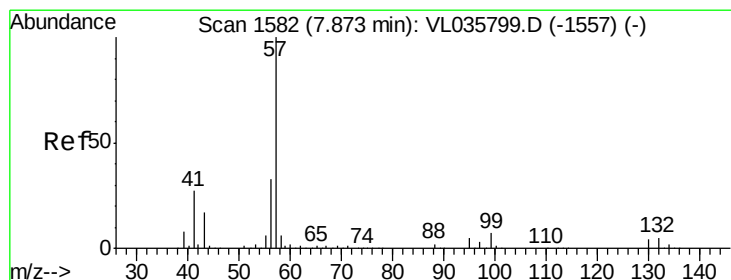
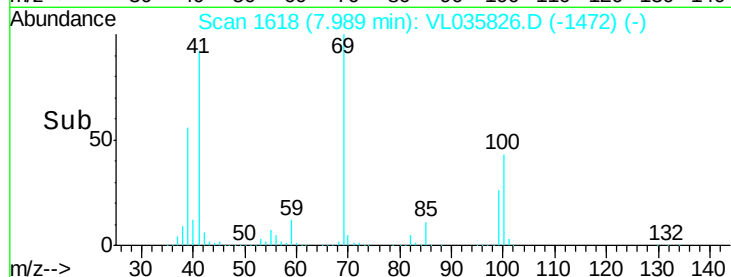
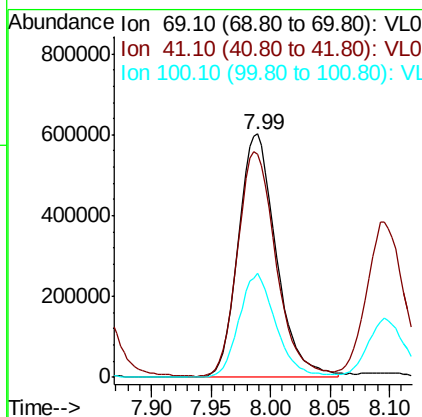
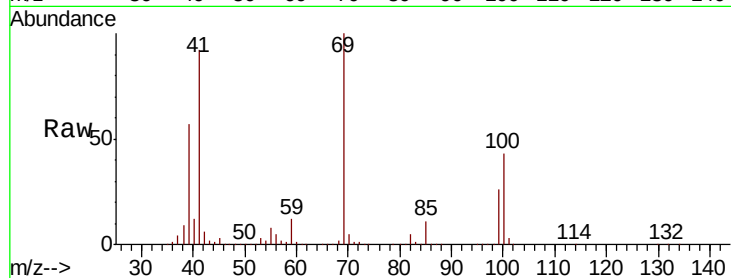
#43
Methyl Methacrylate
Concen: 9.493 ppbv
RT: 7.99 min Scan# 1618
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 69 Resp: 1328118
Ion Ratio Lower Upper
69 100
41 94.2 81.1 121.7
100 41.5 31.0 46.4

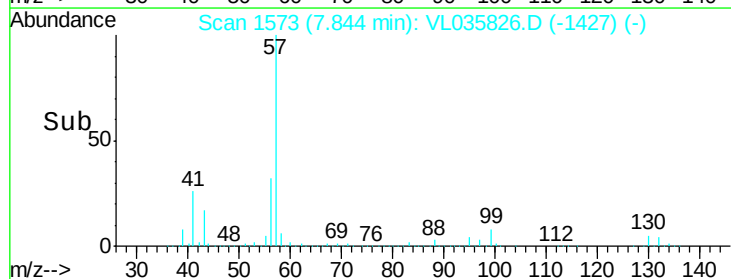
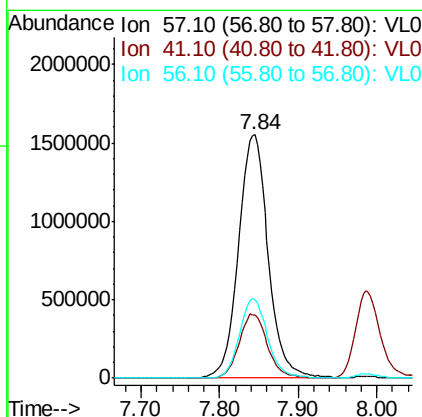
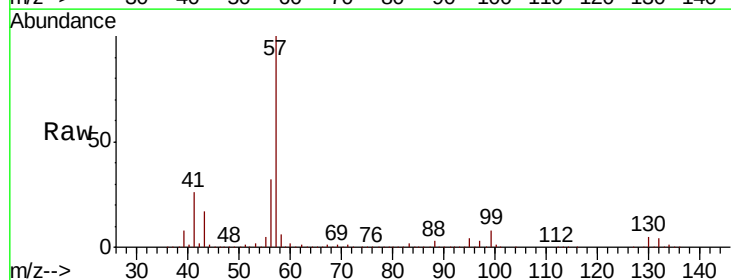
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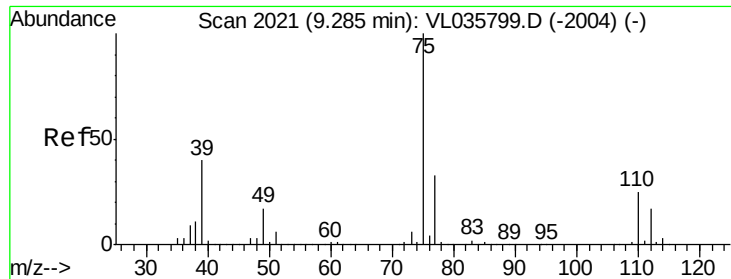
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#44
2,2,4-Trimethylpentane
Concen: 8.461 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 57 Resp: 4107009
Ion Ratio Lower Upper
57 100
41 25.3 21.0 31.4
56 31.2 25.4 38.0





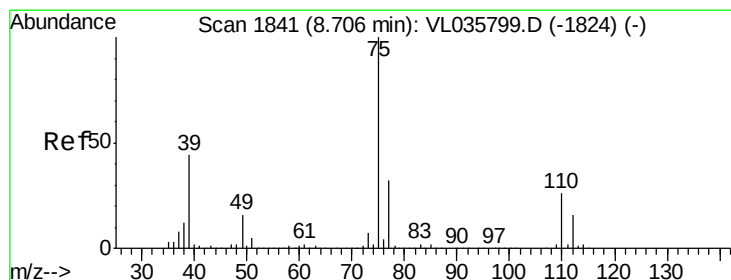
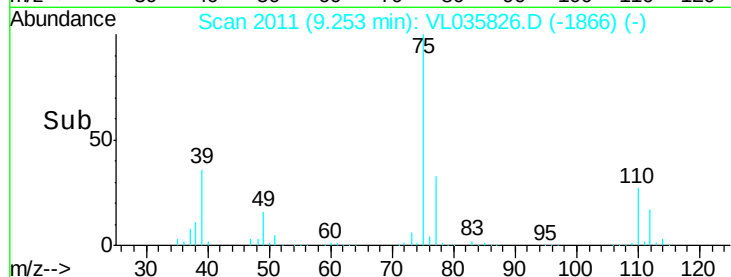
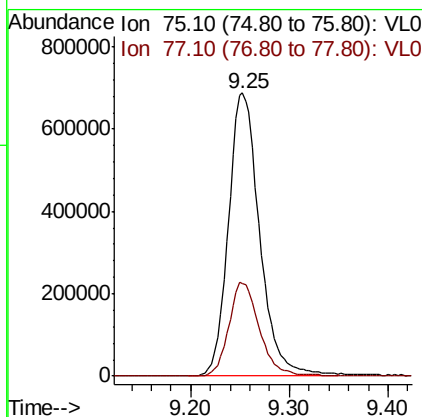
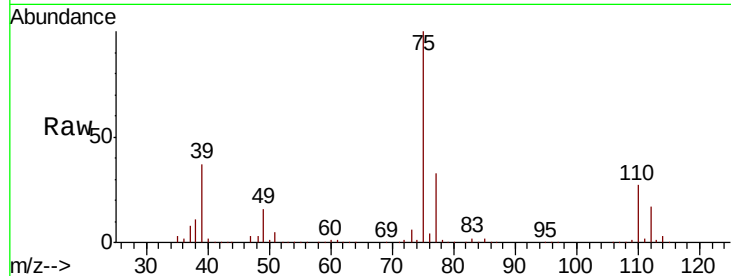
#45
t-1,3-Dichloropropene
Concen: 10.241 ppbv
RT: 9.25 min Scan# 2011
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 75 Resp: 1518901
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6

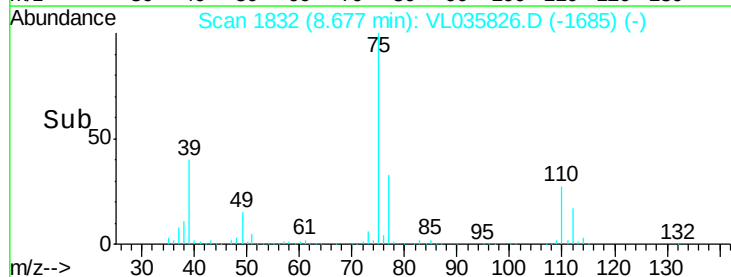
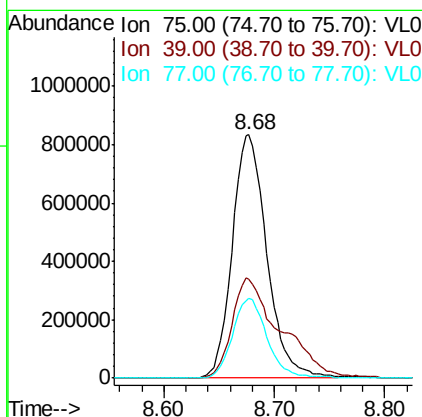
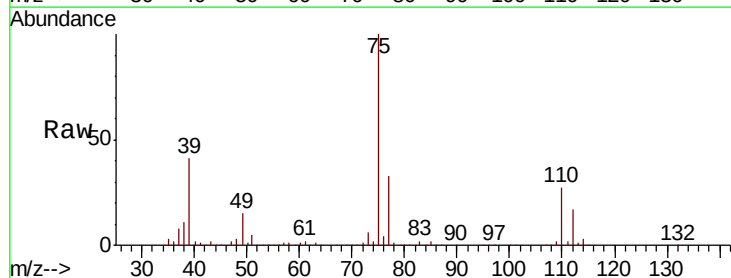
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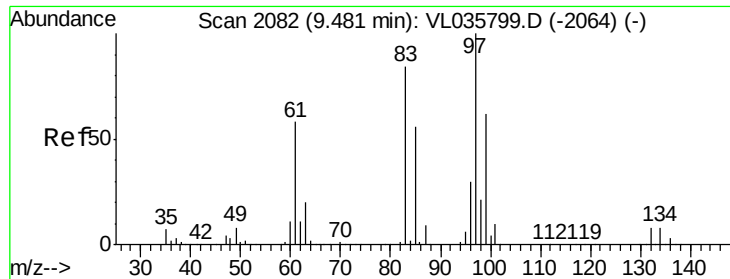
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 9.647 ppbv
RT: 8.68 min Scan# 1832
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 75 Resp: 1812056
Ion Ratio Lower Upper
75 100
39 40.5 35.1 52.7
77 32.8 25.7 38.5





#47
 1,1,2-Trichloroethane
 Concen: 9.195 ppbv
 RT: 9.45 min Scan# 2072
 Delta R.T. -0.03 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

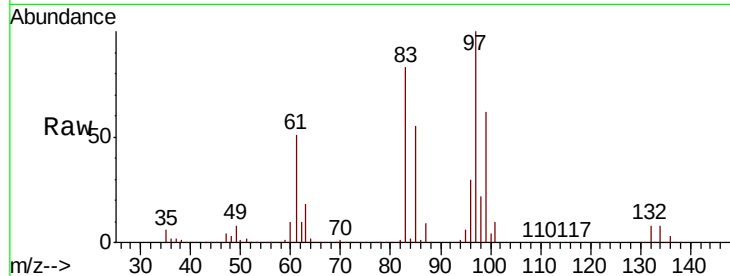
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 97 Resp: 1547278

Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.1	100.7
85	54.7	44.7	67.1
99	62.1	49.7	74.5

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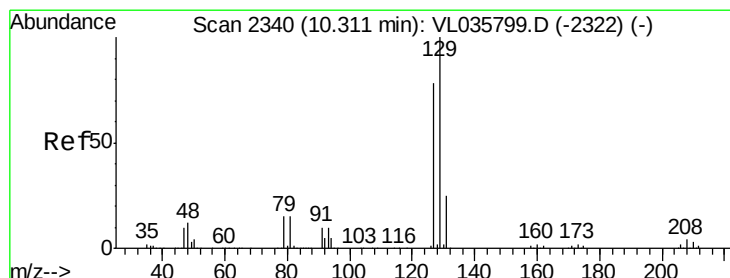
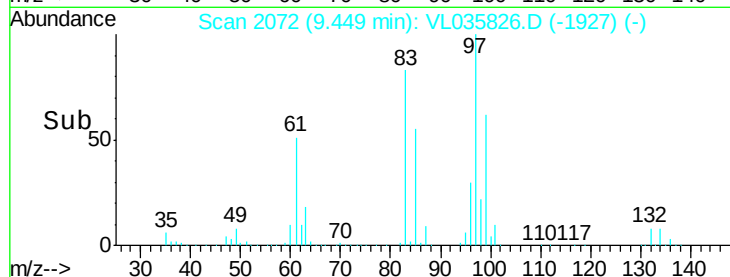
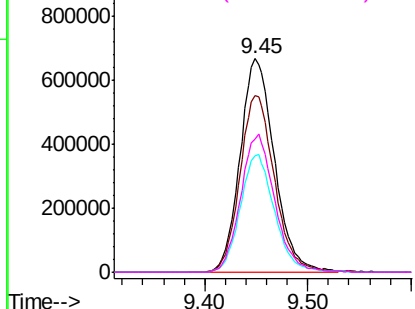
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

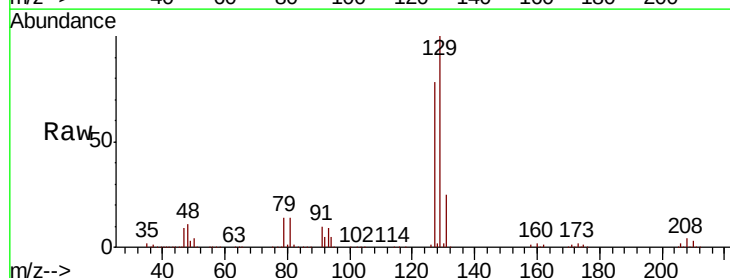
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.899 ppbv
 RT: 10.28 min Scan# 2330
 Delta R.T. -0.03 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Tgt Ion: 129 Resp: 2544738

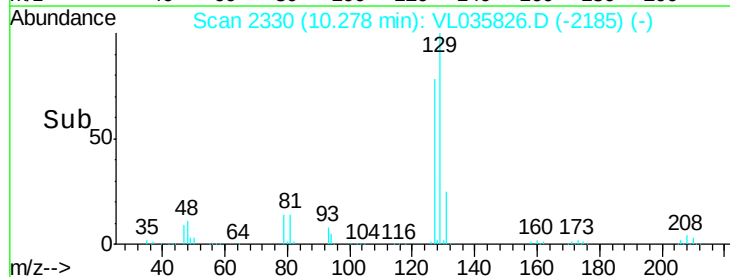
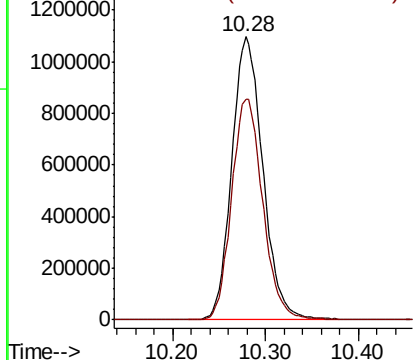
Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.2	117.6

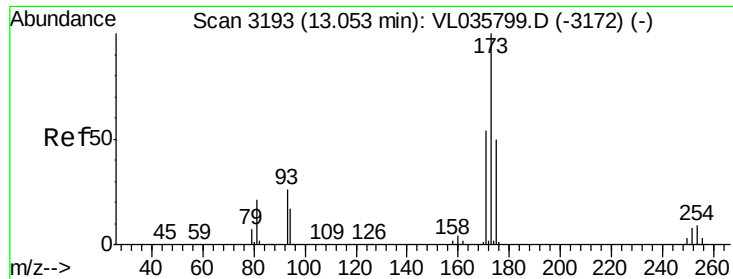


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.197 ppbv

RT: 13.02 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:173 Resp: 2211955

Ion Ratio Lower Upper

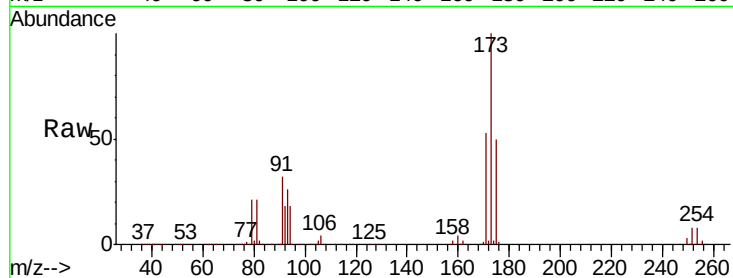
173 100

175 50.2 40.1 60.1

171 53.9 42.6 63.8

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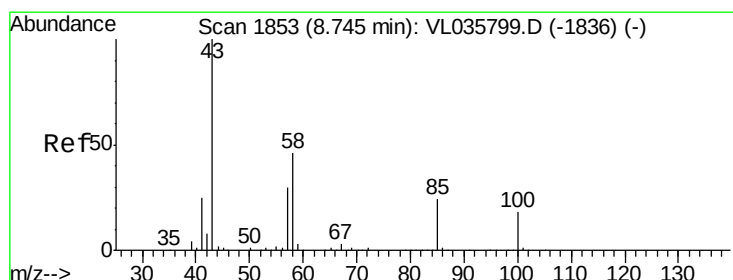
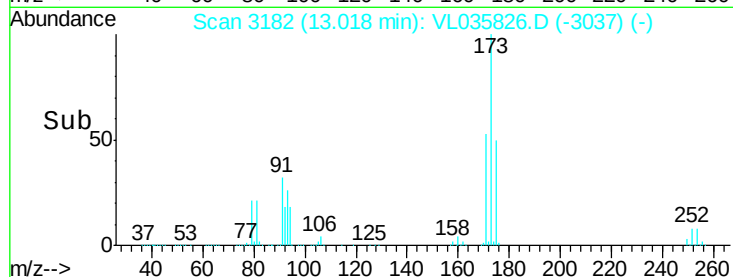
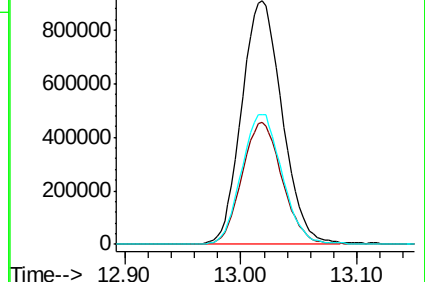
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 8.846 ppbv

RT: 8.72 min Scan# 1844

Delta R.T. -0.03 min

Lab File: VL035826.D

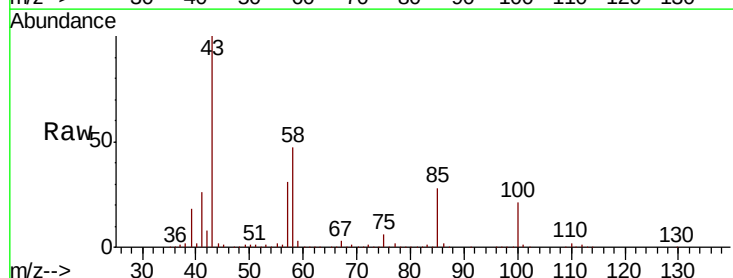
Acq: 4 Nov 2020 5:40

Tgt Ion: 43 Resp: 2165847

Ion Ratio Lower Upper

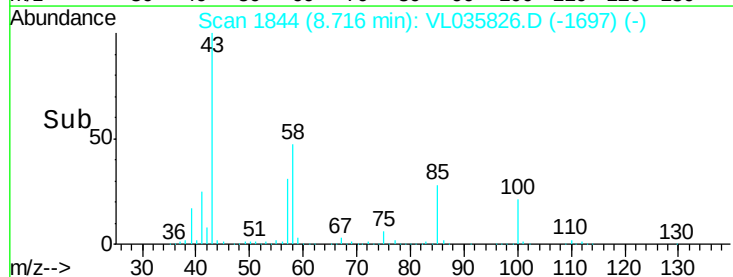
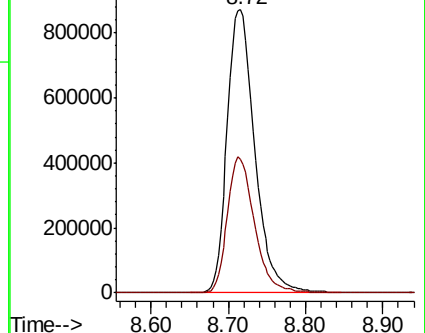
43 100

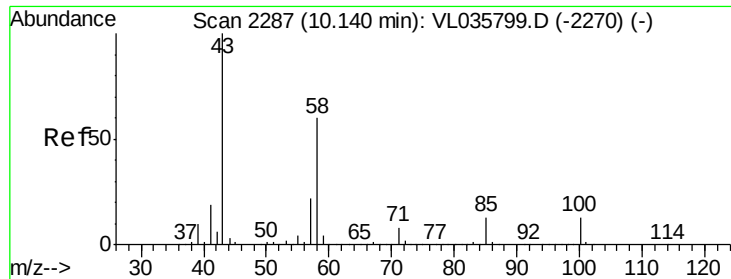
58 47.2 36.0 54.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 9.180 ppbv

RT: 10.11 min Scan# 2277

Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 1805686

Ion Ratio Lower Upper

43 100

58 64.3 48.3 72.5

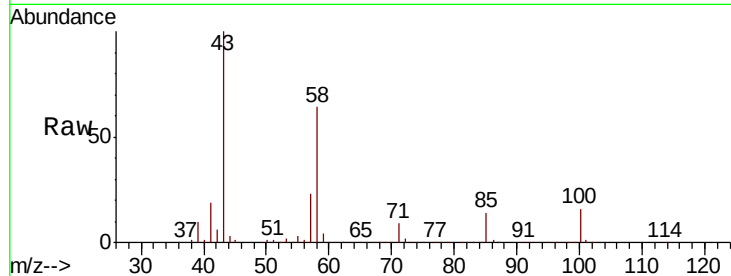
98 0.3 0.6 0.8#

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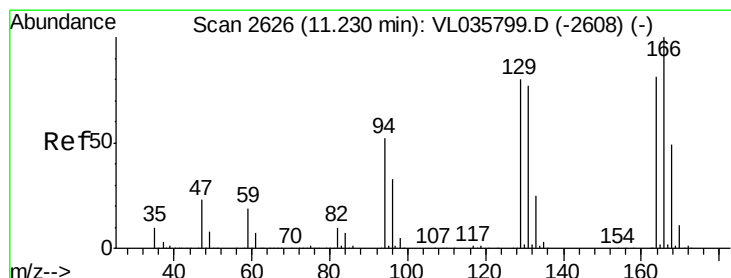
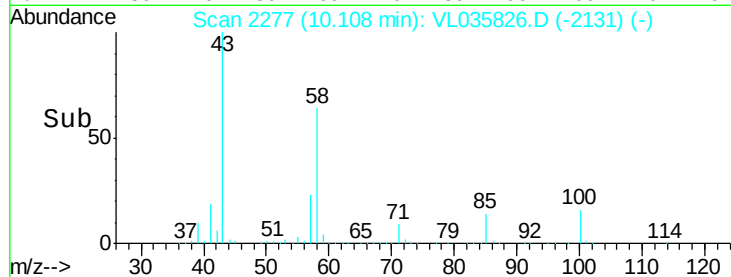
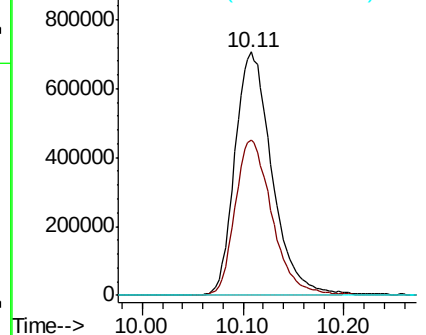
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 8.781 ppbv

RT: 11.19 min Scan# 2615

Delta R.T. -0.04 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Tgt Ion: 164 Resp: 1525892

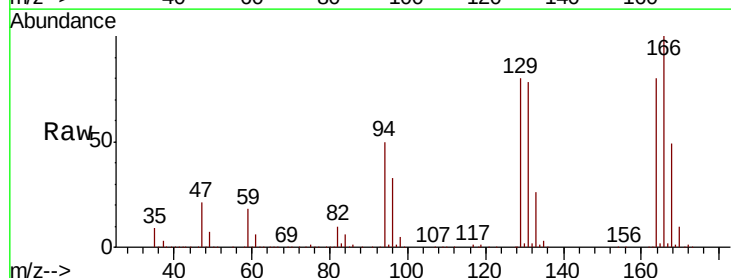
Ion Ratio Lower Upper

164 100

166 124.3 99.3 148.9

129 100.0 79.3 118.9

131 96.7 76.5 114.7

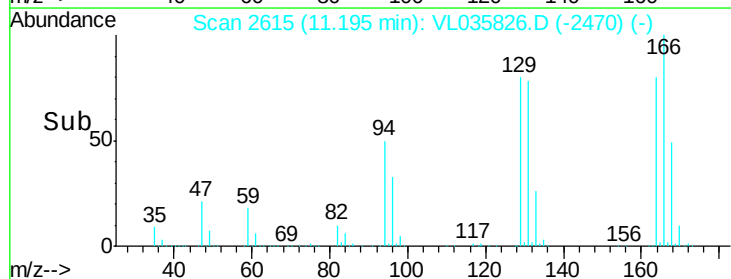
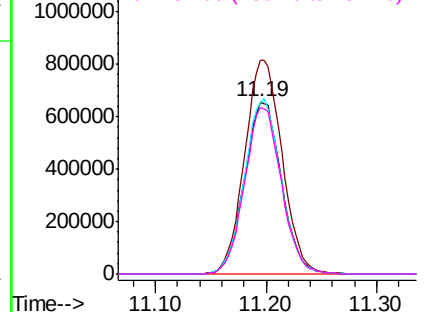


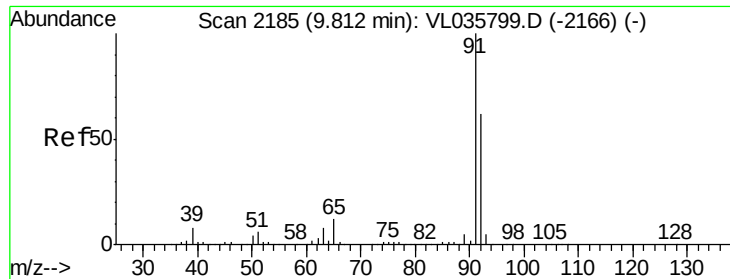
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 9.226 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 4083452

Ion Ratio Lower Upper

91 100

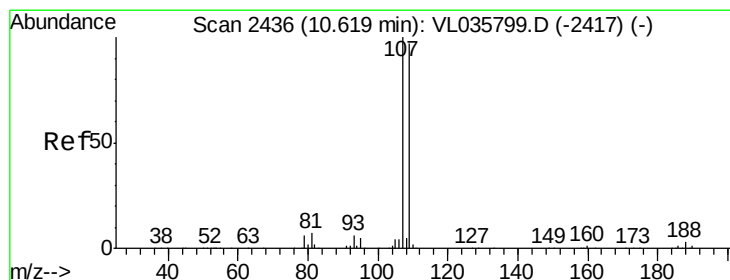
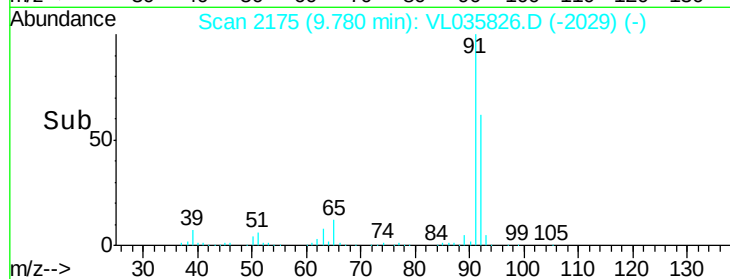
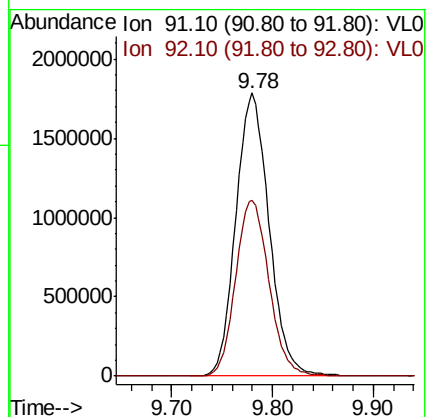
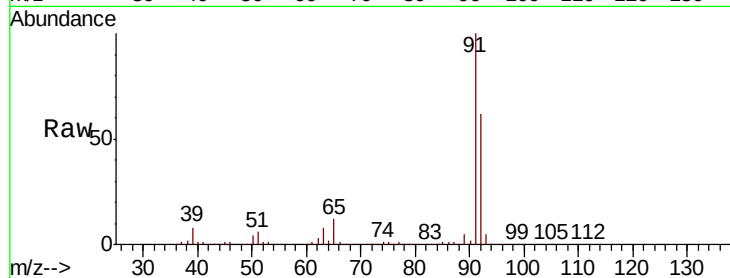
92 62.8 49.8 74.6

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#54

1,2-Dibromoethane

Concen: 9.457 ppbv

RT: 10.59 min Scan# 2426

Delta R.T. -0.03 min

Lab File: VL035826.D

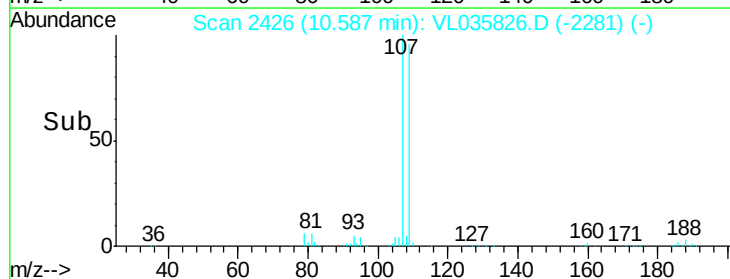
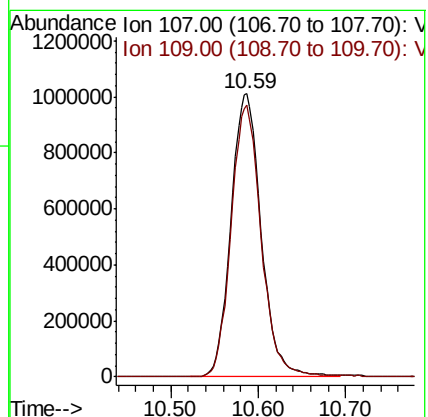
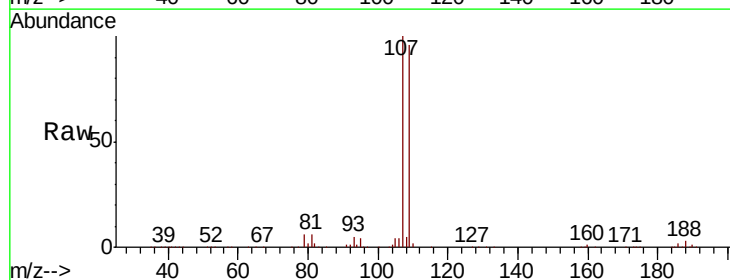
Acq: 4 Nov 2020 5:40

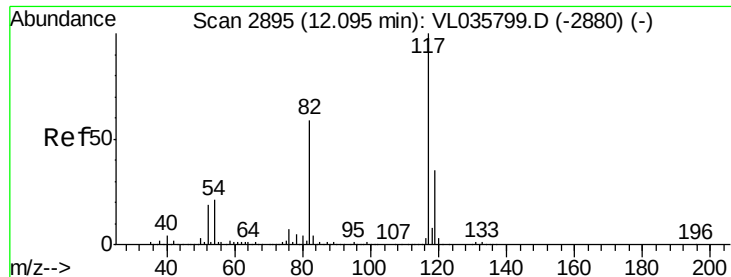
Tgt Ion: 107 Resp: 2420190

Ion Ratio Lower Upper

107 100

109 95.8 77.2 115.8





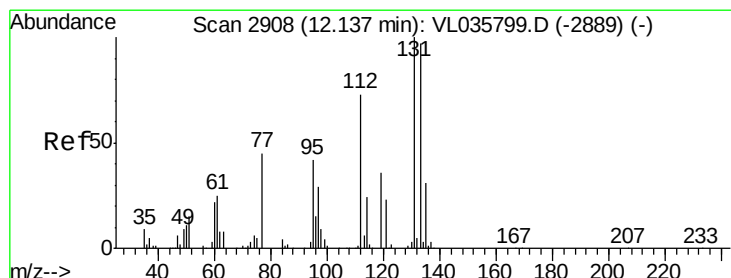
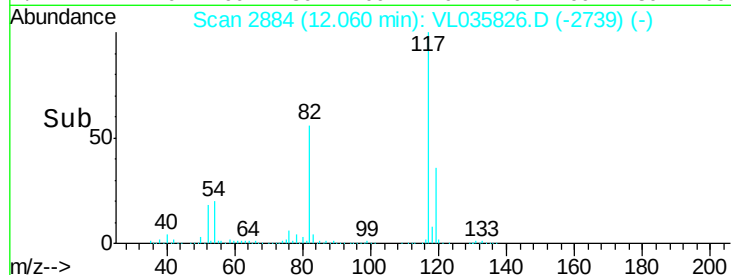
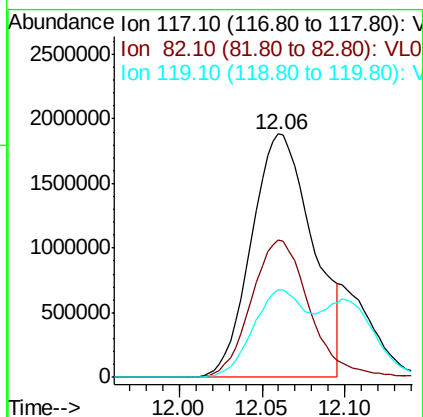
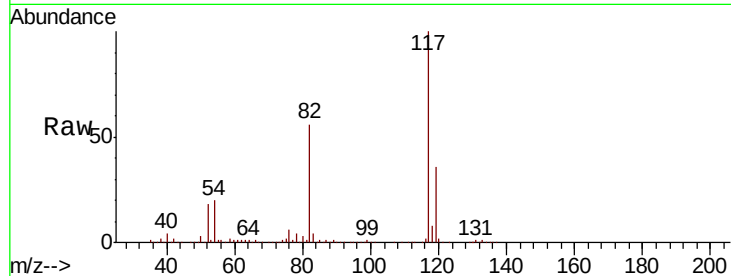
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:117 Resp: 4847187
Ion Ratio Lower Upper
117 100
82 53.9 50.6 76.0
119 30.0 52.6 78.8#

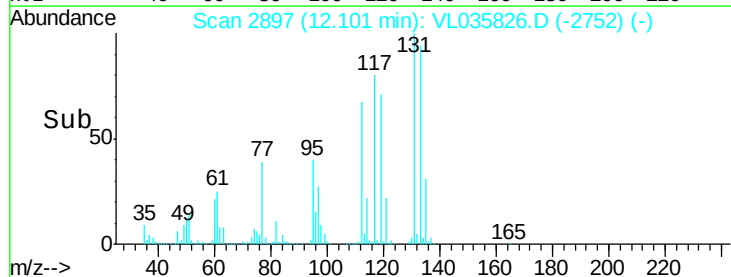
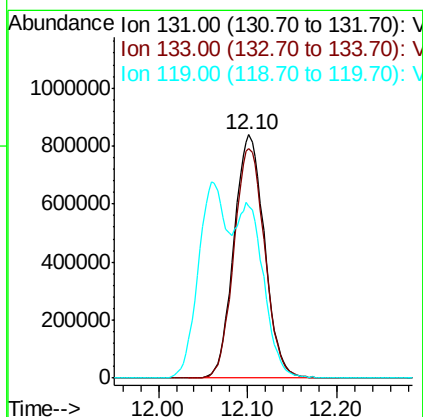
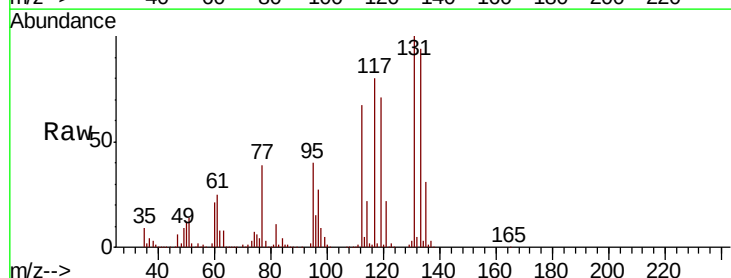
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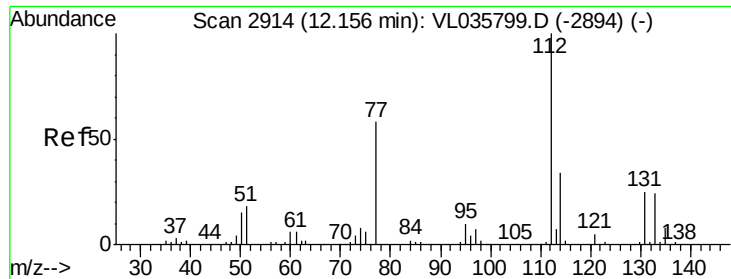
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.170 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:131 Resp: 1994868
Ion Ratio Lower Upper
131 100
133 95.4 76.8 115.2
119 61.0 47.4 71.0





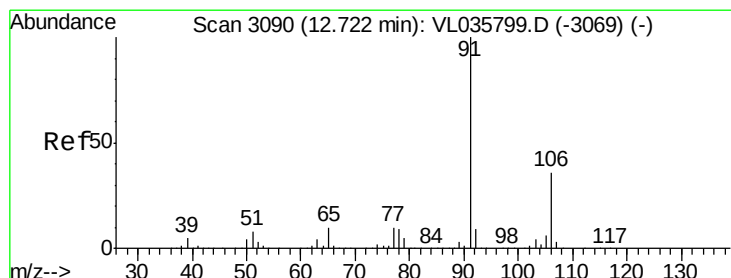
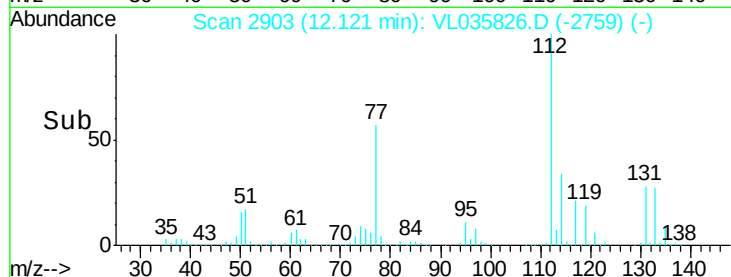
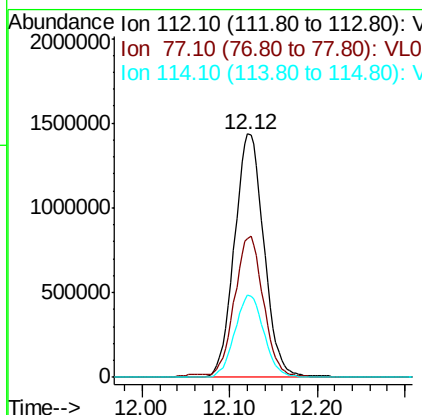
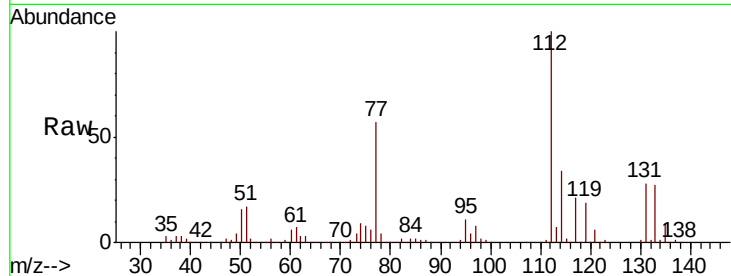
#57
Chlorobenzene
Concen: 8.738 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 112 Resp: 3367608
Ion Ratio Lower Upper
112 100
77 56.8 47.5 71.3
114 33.7 30.3 37.1

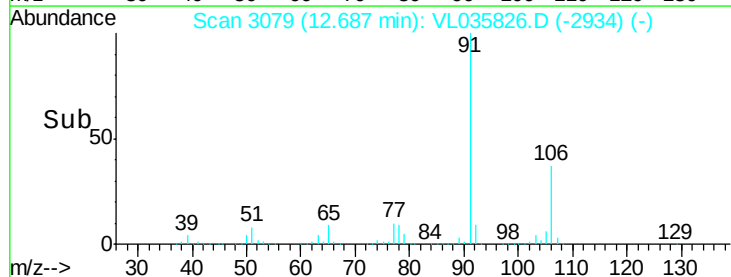
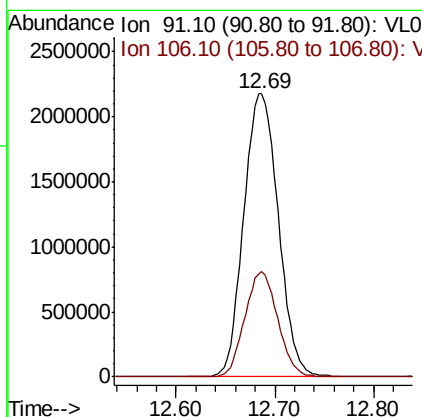
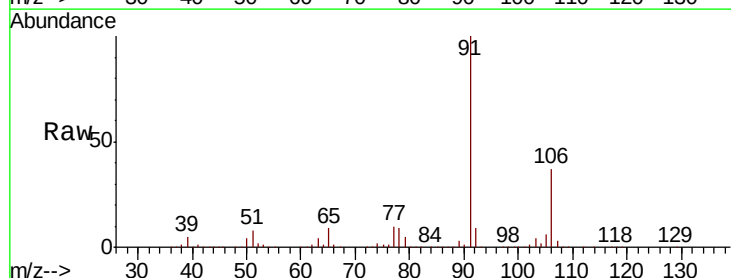
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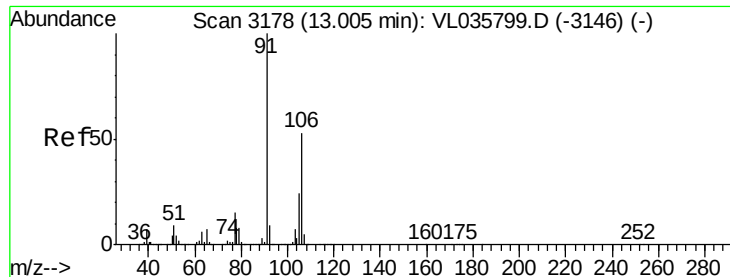
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#58
Ethyl Benzene
Concen: 8.927 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 91 Resp: 5269905
Ion Ratio Lower Upper
91 100
106 37.5 28.6 43.0





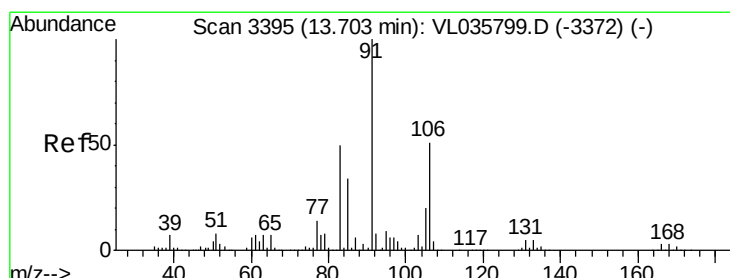
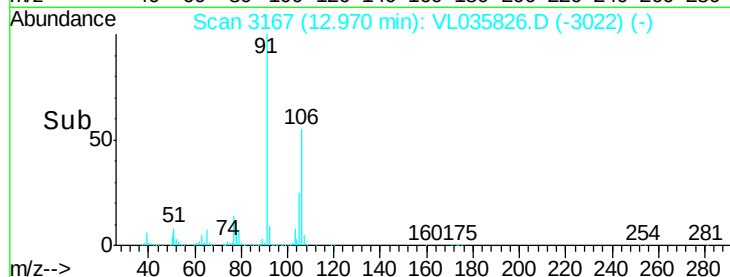
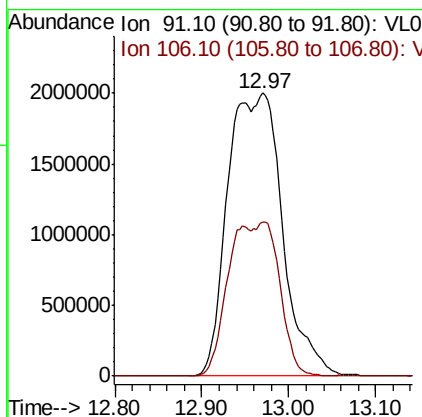
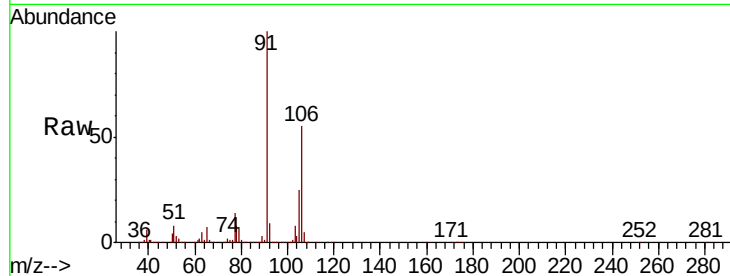
#59
m/p-Xylene
Concen: 17.512 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 8747005
Ion Ratio Lower Upper
91 100
106 51.0 39.5 59.3

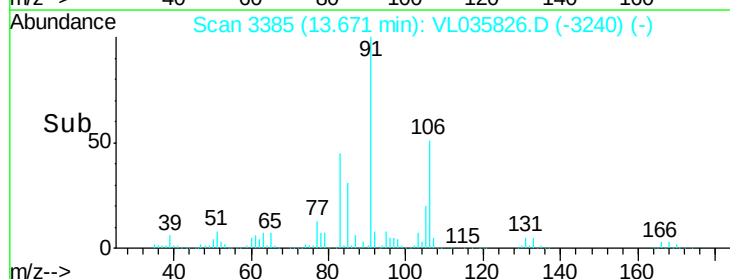
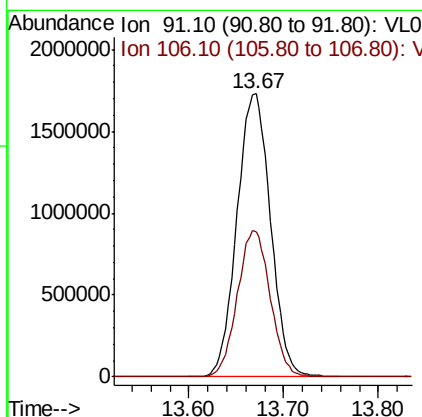
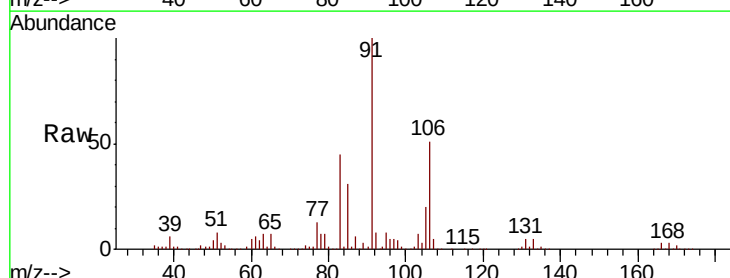
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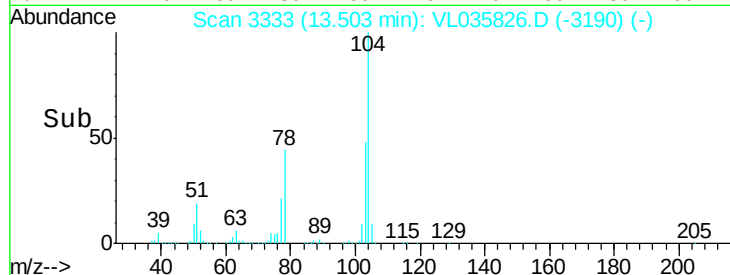
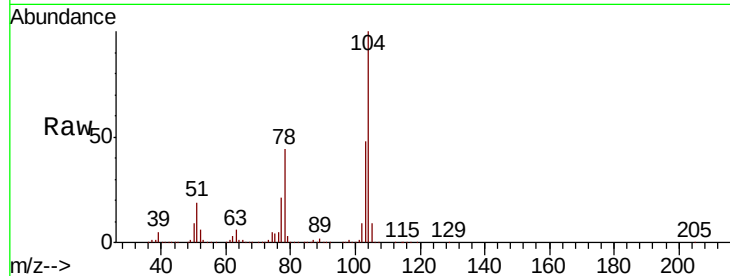
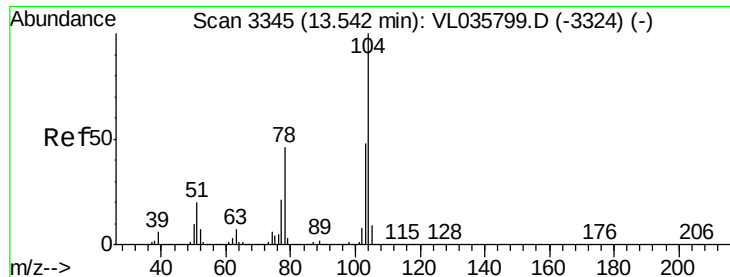
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#60
o-Xylene
Concen: 8.768 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 91 Resp: 4260318
Ion Ratio Lower Upper
91 100
106 50.7 24.8 74.4





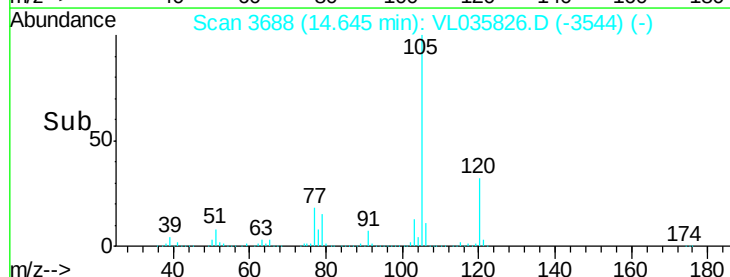
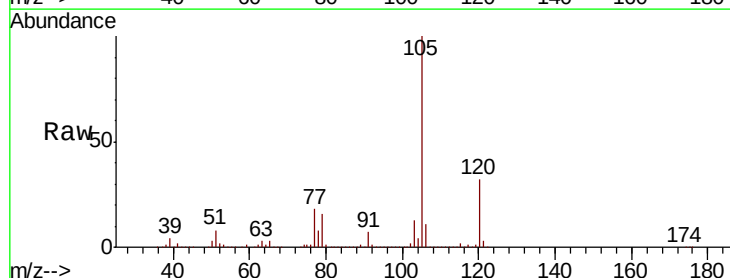
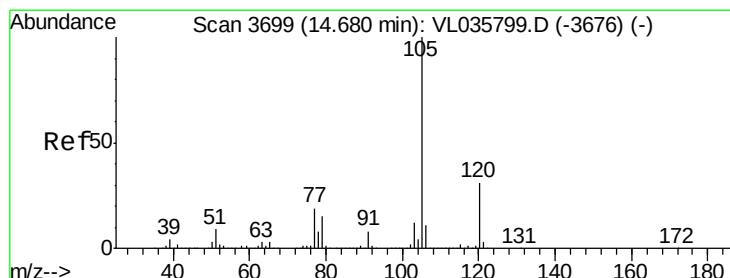
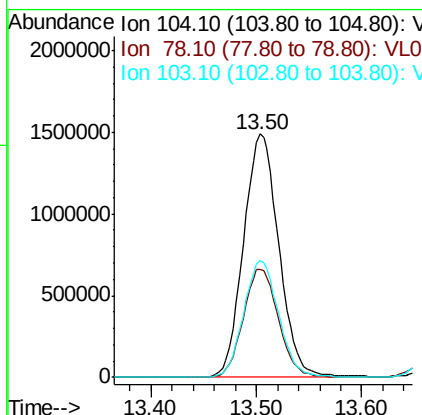
#61
Stvrene
Concen: 9.732 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	44.5	37.1	55.7
103	47.6	37.9	56.9

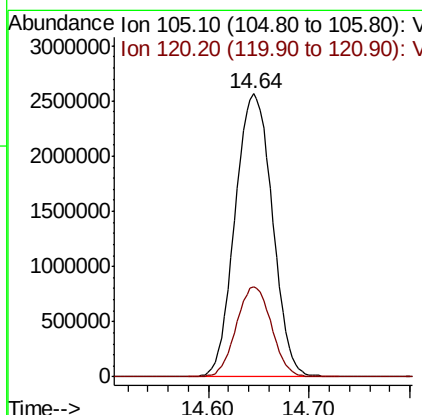
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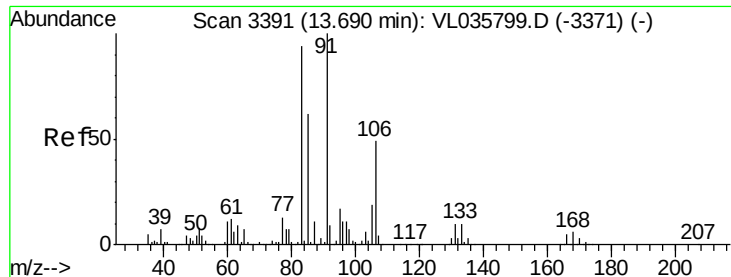
MMDadoda
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#62
Isopropylbenzene
Concen: 8.616 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.1	23.5	35.3





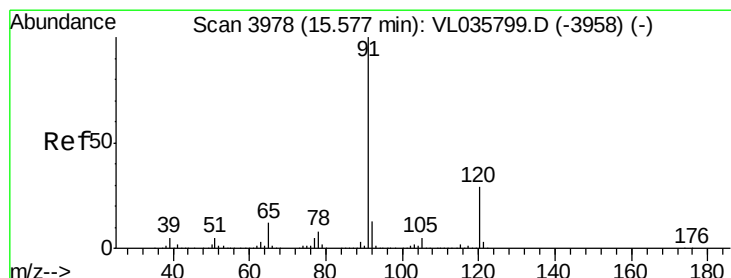
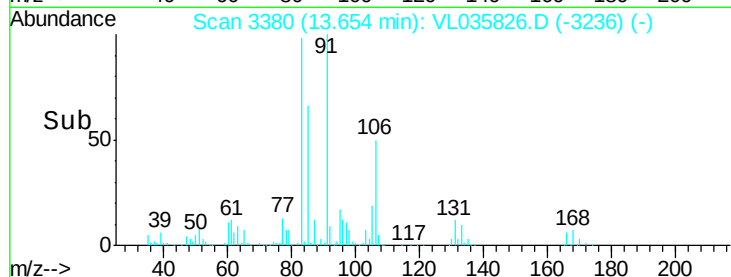
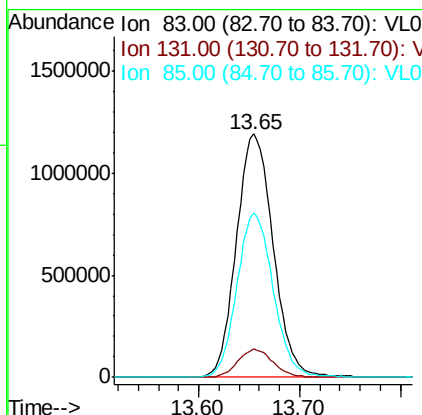
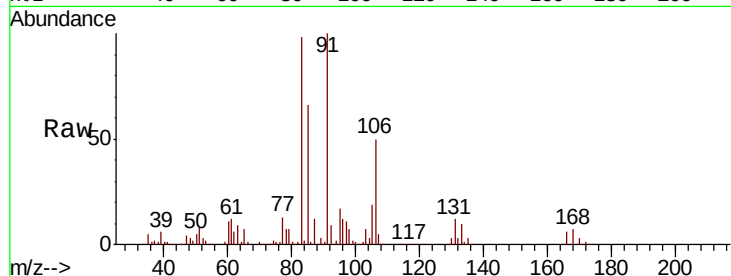
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.017 ppbv
 RT: 13.65 min Scan# 3380
 Delta R.T. -0.04 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 83 Resp: 3018170
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.3 15.8
 85 66.9 33.5 100.4

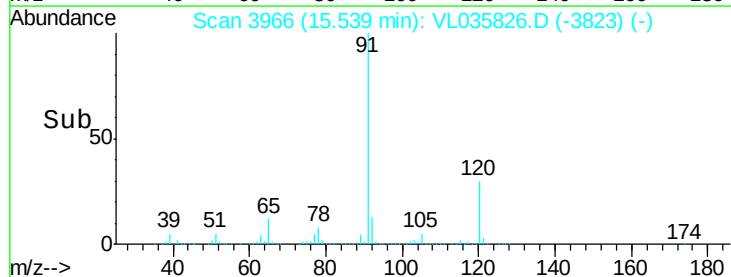
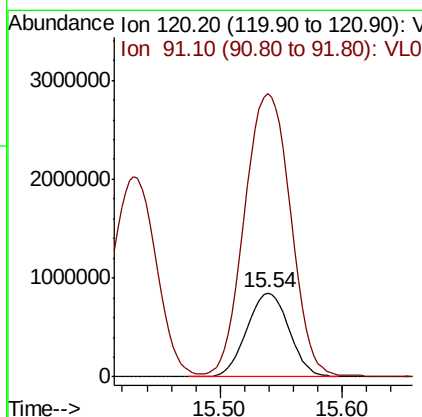
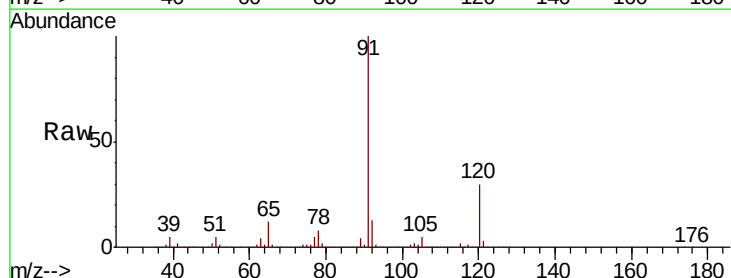
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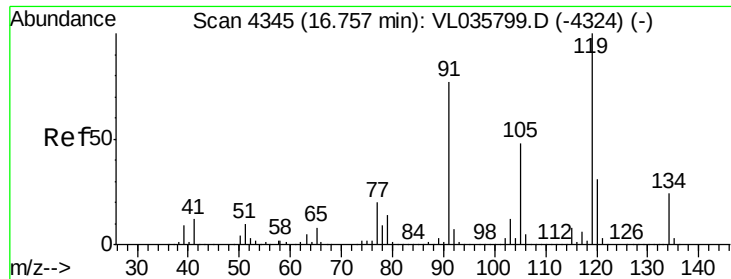
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#64
 n-propylbenzene
 Concen: 9.261 ppbv
 RT: 15.54 min Scan# 3966
 Delta R.T. -0.04 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Tgt Ion: 120 Resp: 2044343
 Ion Ratio Lower Upper
 120 100
 91 368.1 311.1 466.7





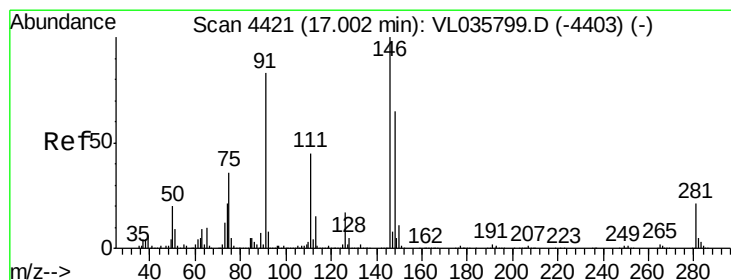
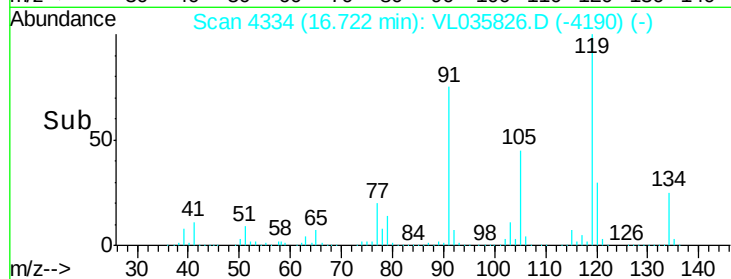
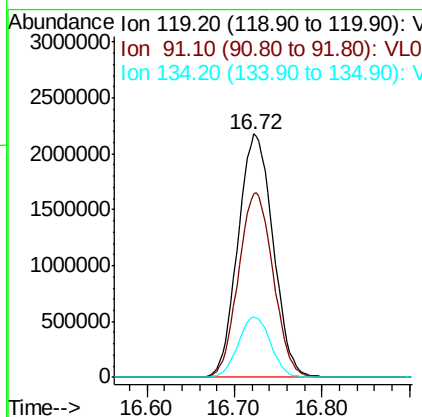
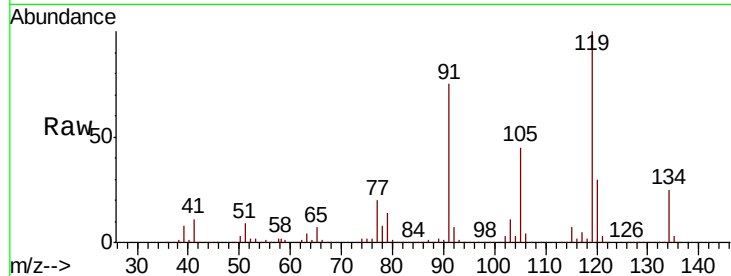
#65
tert-Butylbenzene
Concen: 8.716 ppbv
RT: 16.72 min Scan# 4334
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 119 Resp: 6058735
Ion Ratio Lower Upper
119 100
91 75.1 62.0 93.0
134 22.9 17.8 26.8

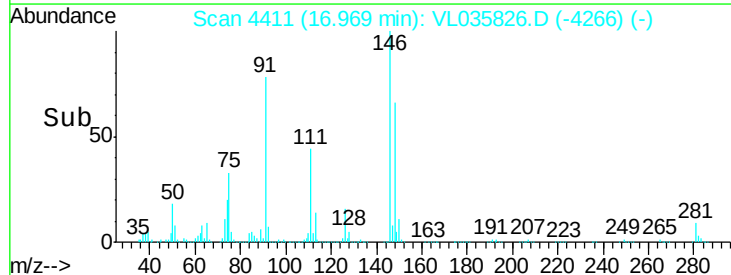
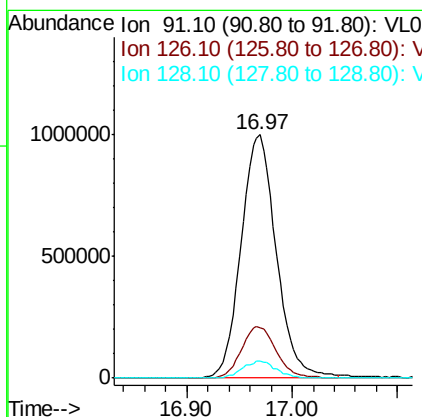
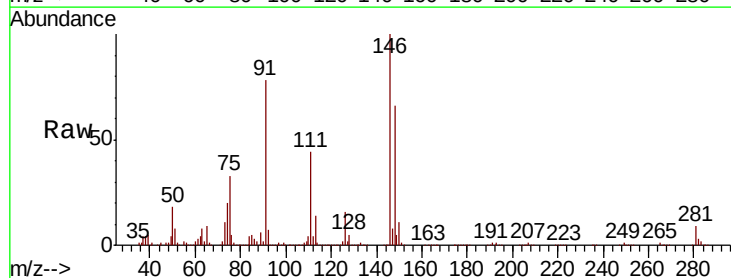
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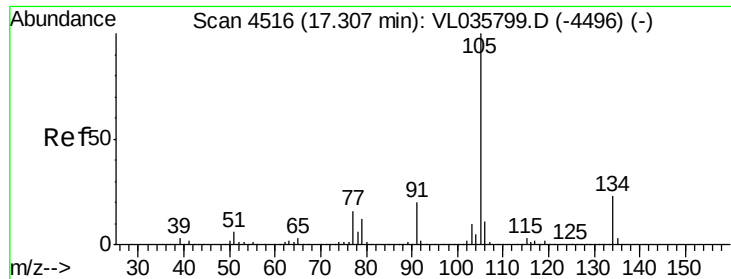
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#66
Benzyl Chloride
Concen: 10.054 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 91 Resp: 2310096
Ion Ratio Lower Upper
91 100
126 21.3 16.0 24.0
128 6.8 5.0 7.4





#67

sec-Butylbenzene

Concen: 8.579 ppbv

RT: 17.27 min Scan# 4505

Delta R.T. -0.04 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 8036753

Ion Ratio Lower Upper

105 100

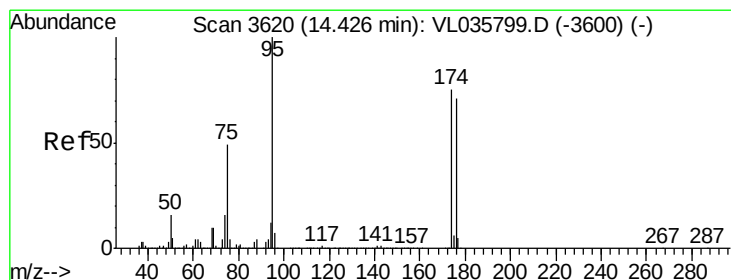
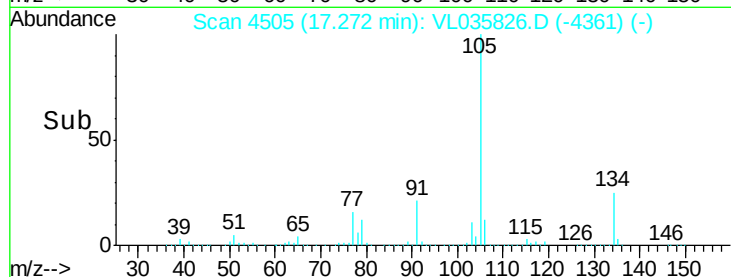
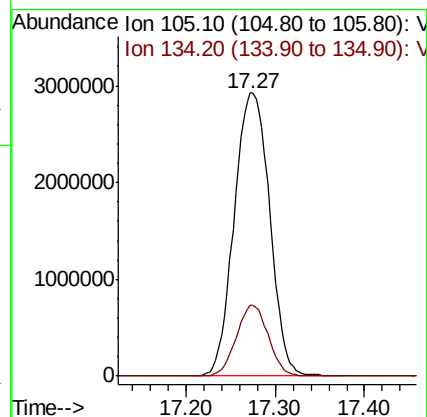
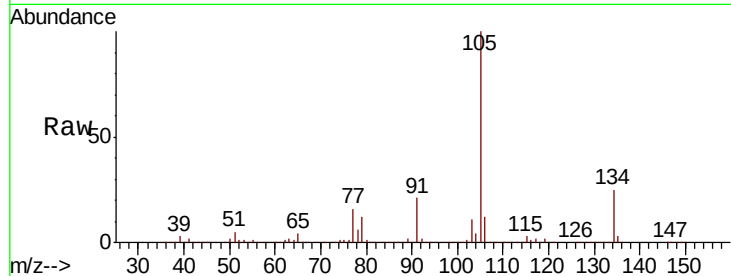
134 22.8 17.0 25.6

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.544 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.04 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

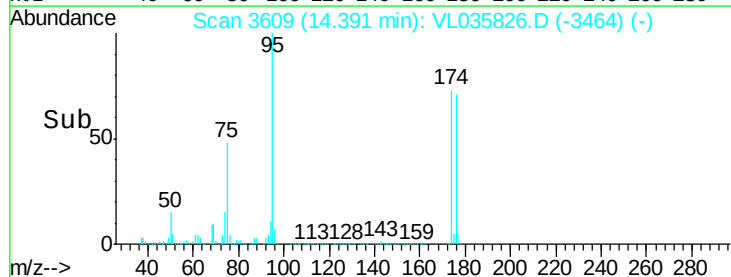
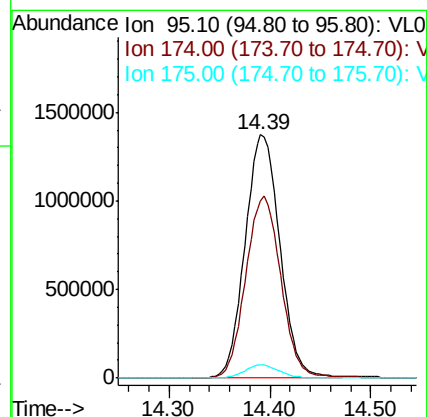
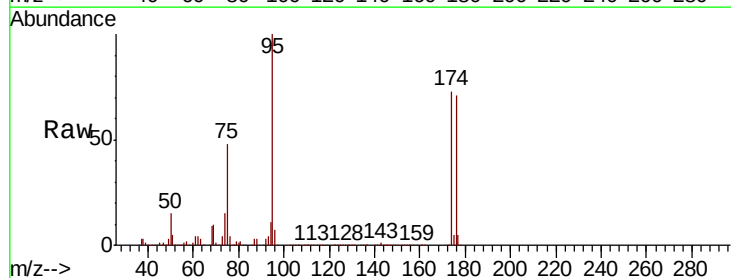
Tgt Ion: 95 Resp: 3286905

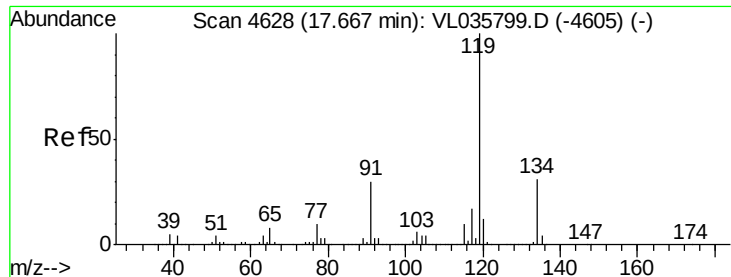
Ion Ratio Lower Upper

95 100

174 76.3 59.8 89.6

175 5.5 4.3 6.5





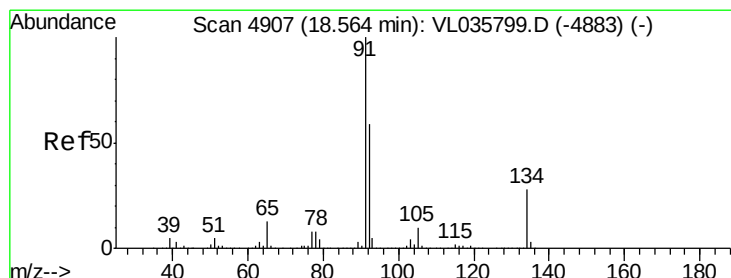
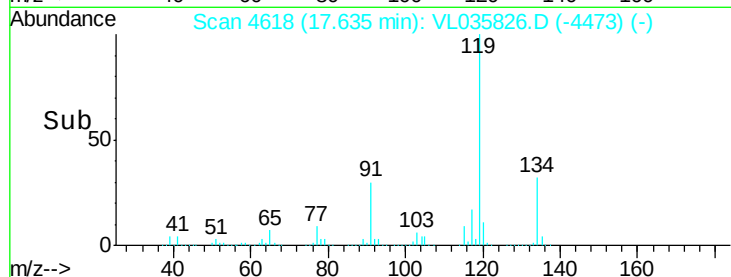
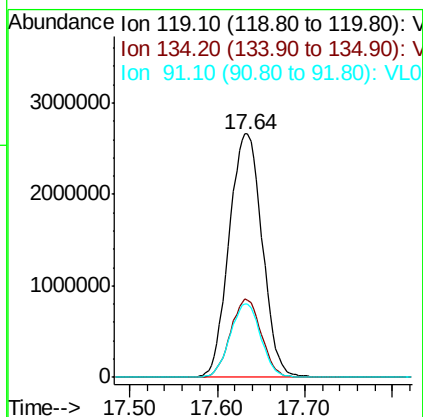
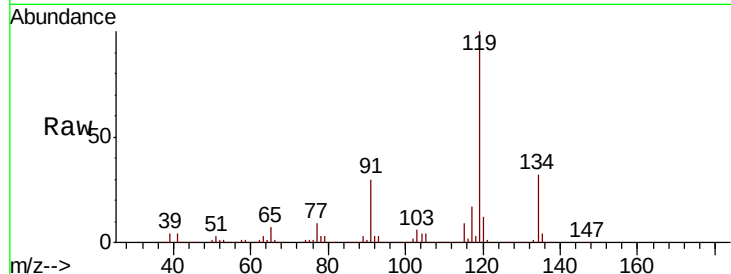
#69
 p-Isopropyltoluene
 Concen: 9.026 ppbv
 RT: 17.64 min Scan# 4618
 Delta R.T. -0.03 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Tot Ion: 119 Resp: 6976924
 Ion Ratio Lower Upper
 119 100
 134 30.0 23.0 34.6
 91 28.2 22.8 34.2

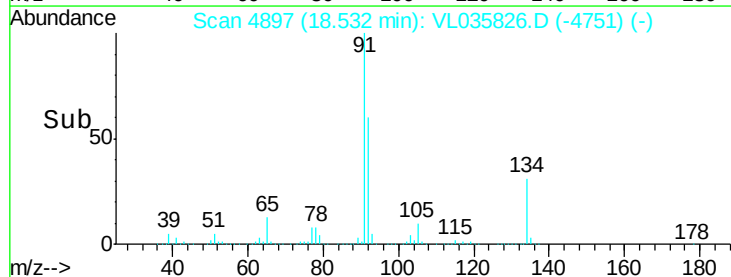
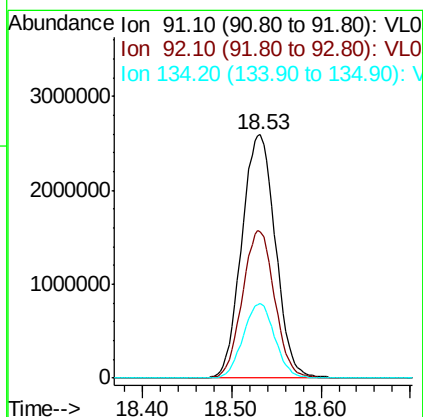
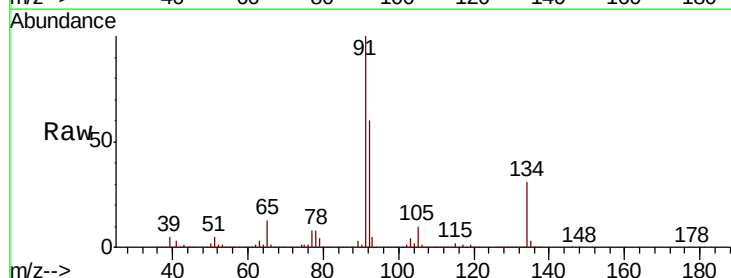
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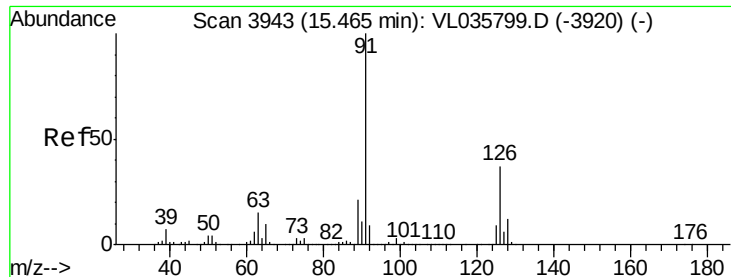
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#70
 n-Butylbenzene
 Concen: 9.143 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. -0.03 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Tgt Ion: 91 Resp: 6806777
 Ion Ratio Lower Upper
 91 100
 92 58.3 45.7 68.5
 134 28.9 21.0 31.4





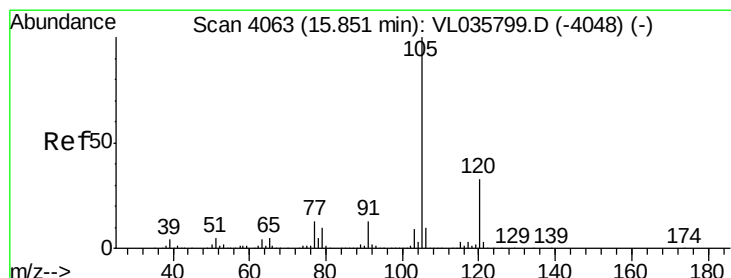
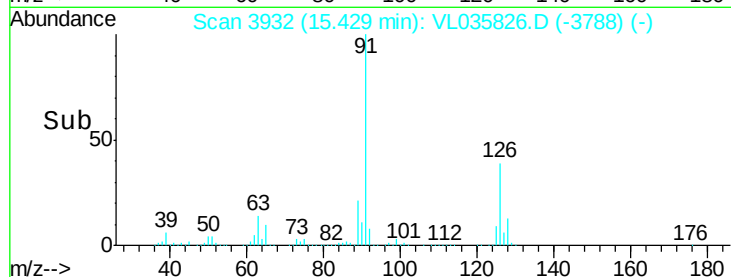
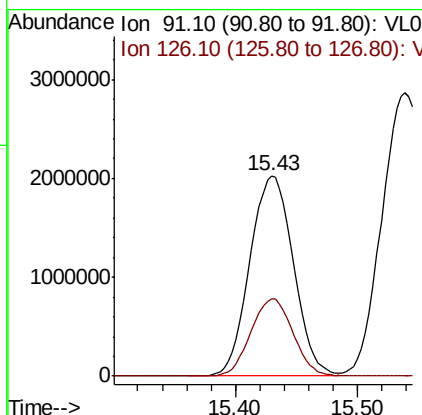
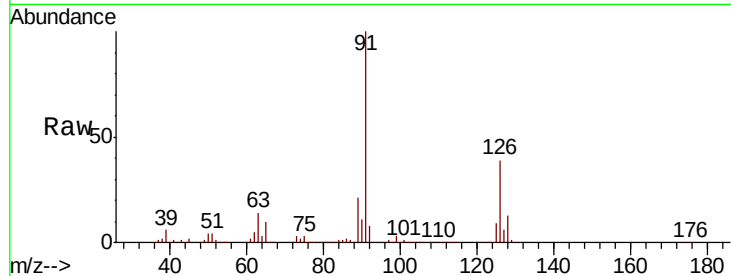
#71
 2-Chlorotoluene
 Concen: 8.993 ppbv
 RT: 15.43 min Scan# 3932
 Delta R.T. -0.04 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 91 Resp: 5023419
 Ion Ratio Lower Upper
 91 100
 126 37.6 14.3 57.1

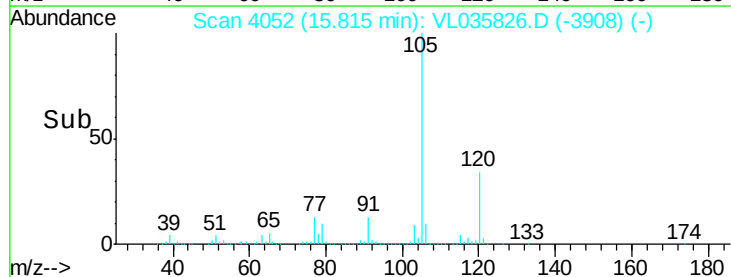
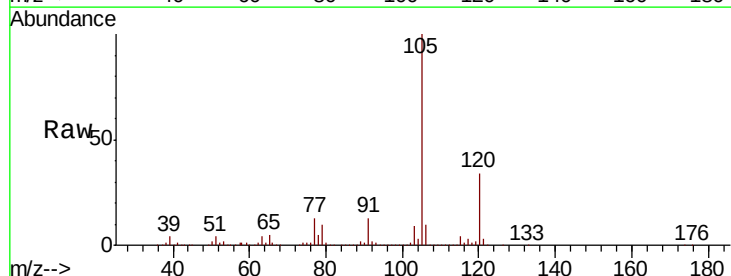
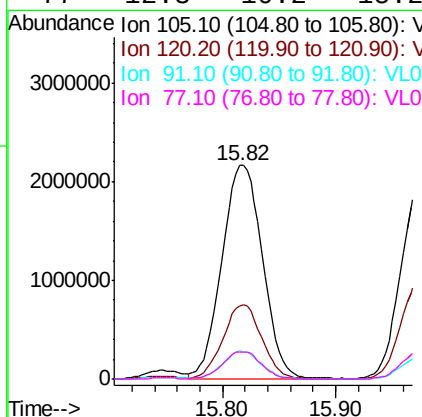
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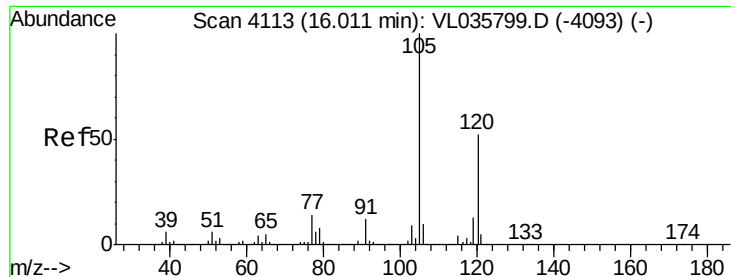
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#72
 4-Ethyltoluene
 Concen: 9.188 ppbv
 RT: 15.82 min Scan# 4052
 Delta R.T. -0.04 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Tgt Ion: 105 Resp: 5414240
 Ion Ratio Lower Upper
 105 100
 120 33.3 25.9 38.9
 91 12.1 9.9 14.9
 77 12.3 10.2 15.2





#73

1,3,5-Trimethylbenzene

Concen: 9.311 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. -0.04 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 5021234

Ion Ratio Lower Upper

105 100

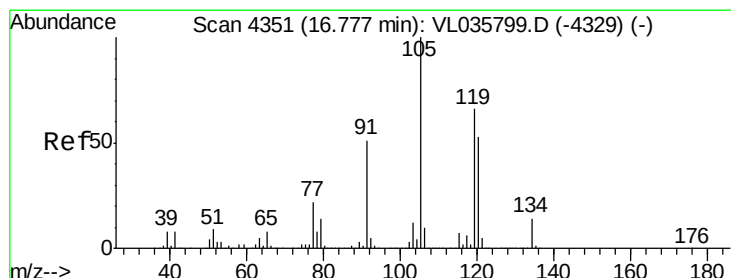
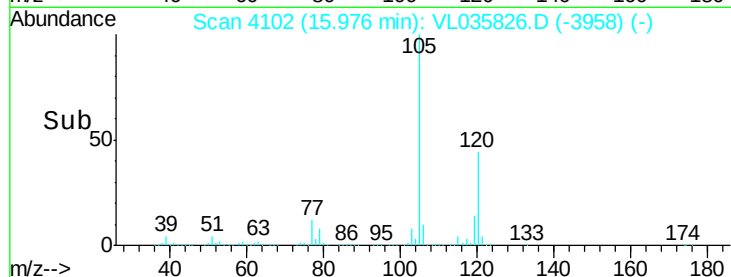
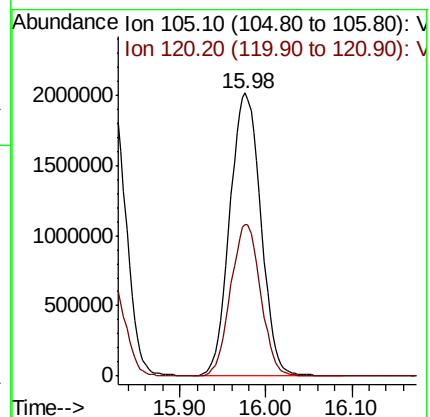
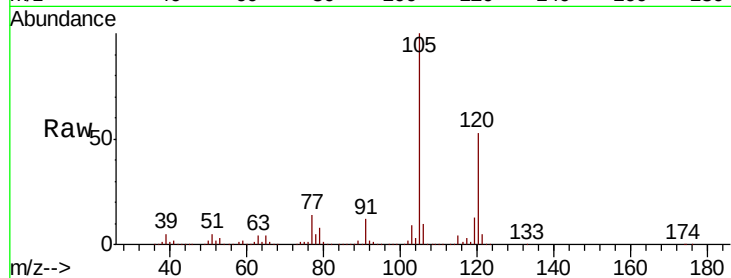
120 53.4 41.4 62.2

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#74

1,2,4-Trimethylbenzene

Concen: 8.849 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.04 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Tgt Ion:105 Resp: 5113152

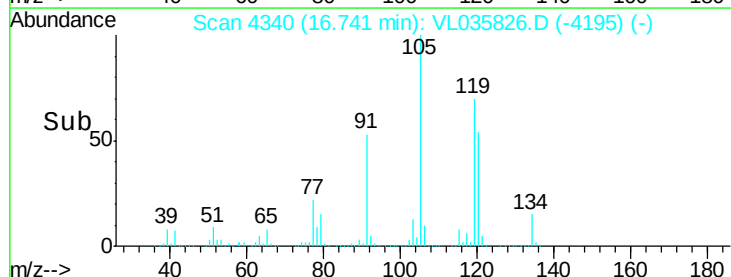
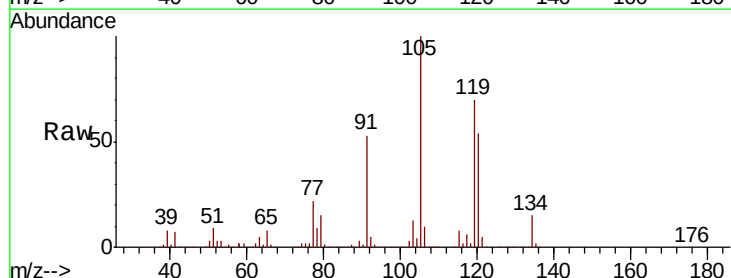
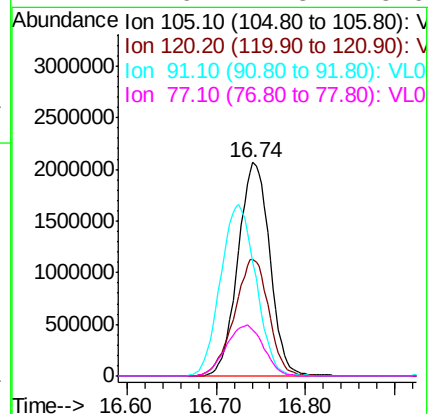
Ion Ratio Lower Upper

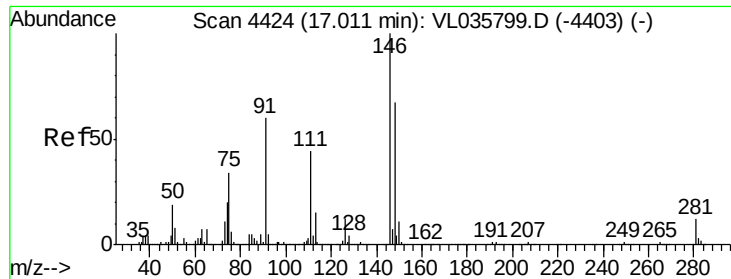
105 100

120 54.4 42.0 63.0

91 53.4 41.0 61.6

77 21.6 17.3 25.9





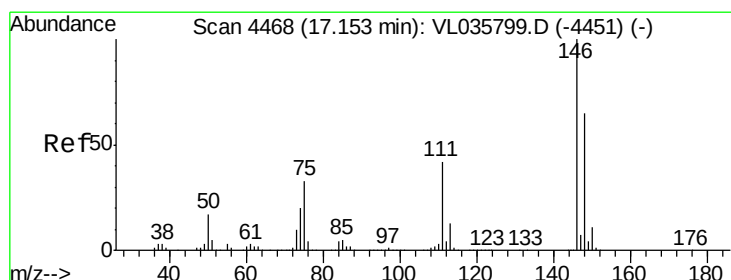
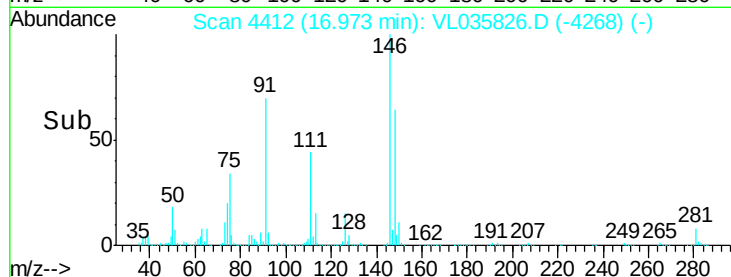
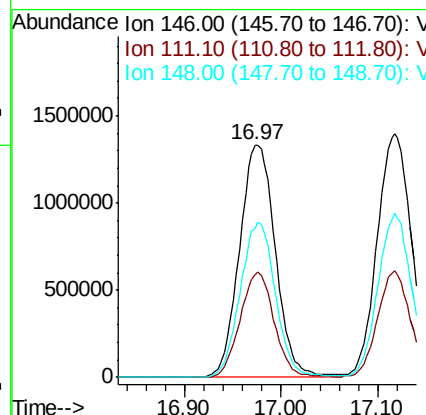
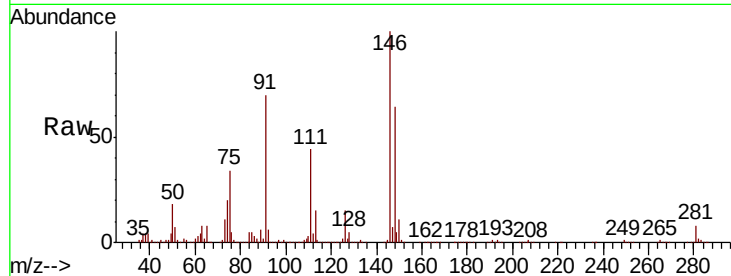
#75
 1,3-Dichlorobenzene
 Concen: 9.358 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. -0.04 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 3442946
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.8 65.4
 148 65.4 32.5 97.5

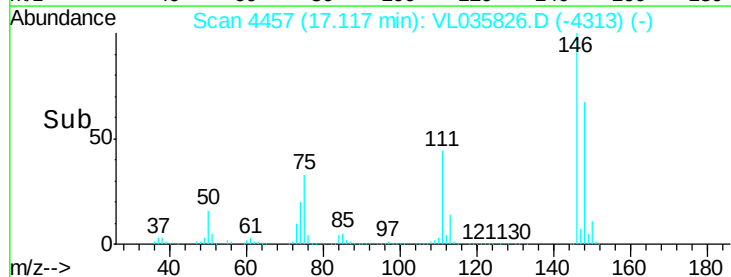
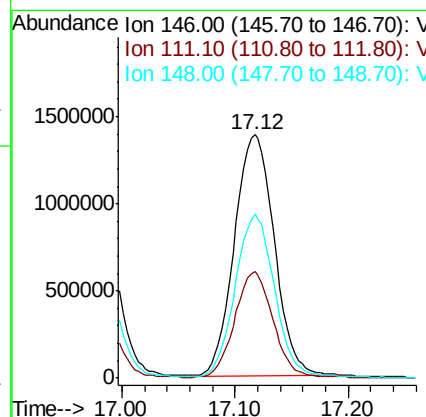
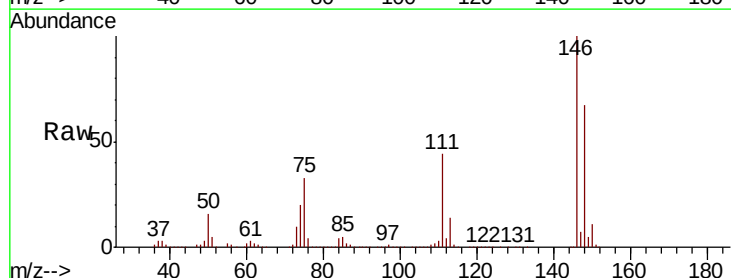
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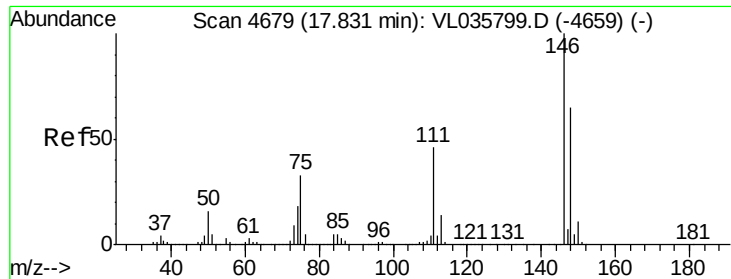
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#76
 1,4-Dichlorobenzene
 Concen: 9.634 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. -0.04 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Tgt Ion:146 Resp: 3419395
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.7
 148 67.2 33.0 99.0





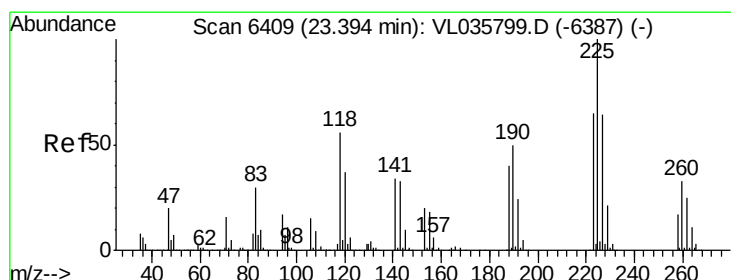
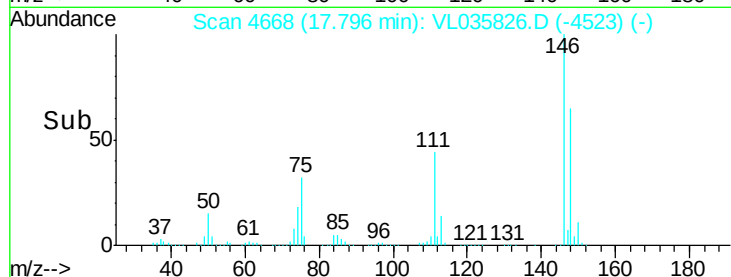
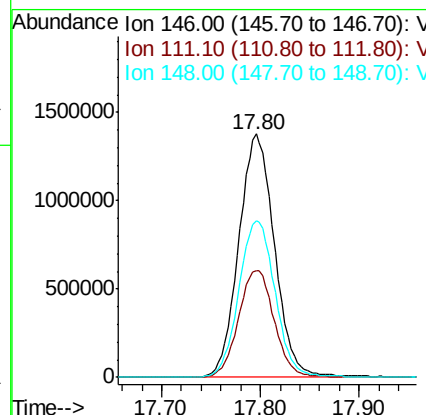
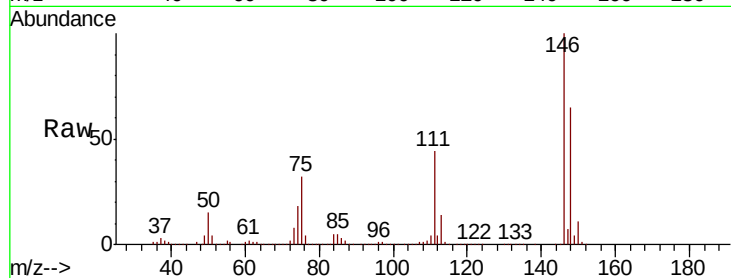
#77
 1,2-Dichlorobenzene
 Concen: 9.591 ppbv
 RT: 17.80 min Scan# 4668
 Delta R.T. -0.04 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 3439984
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.4 67.0
 148 65.7 32.5 97.5

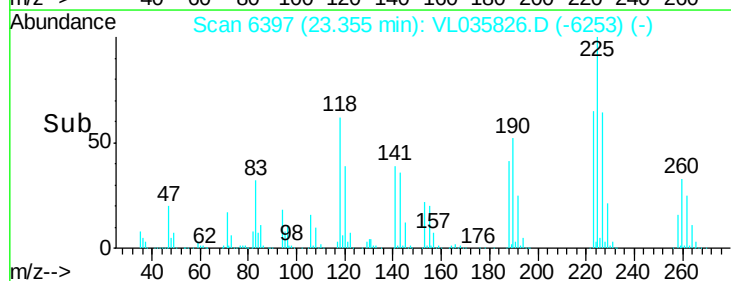
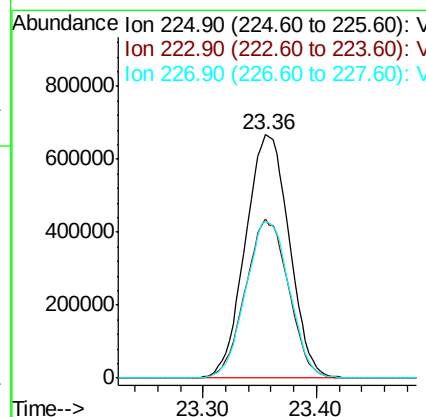
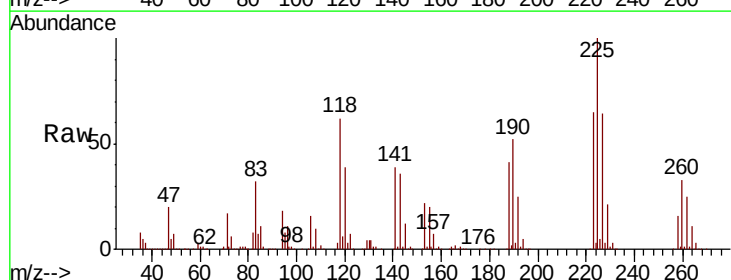
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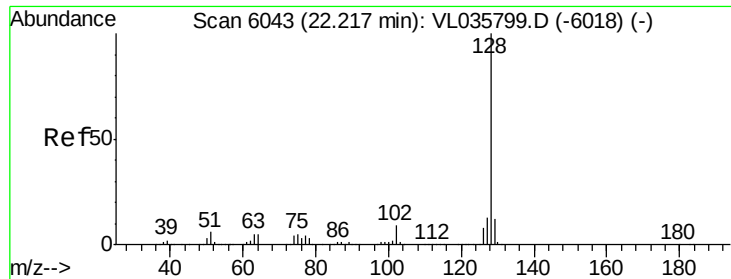
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#78
 Hexachloro-1,3-Butadiene
 Concen: 10.734 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T. -0.04 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Tgt Ion:225 Resp: 1796386
 Ion Ratio Lower Upper
 225 100
 223 64.5 51.0 76.6
 227 64.4 51.2 76.8





#79

Naphthalene

Concen: 13.271 ppbv

RT: 22.17 min Scan# 6029

Delta R.T. -0.05 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:128 Resp: 5345732

Ion Ratio Lower Upper

128 100

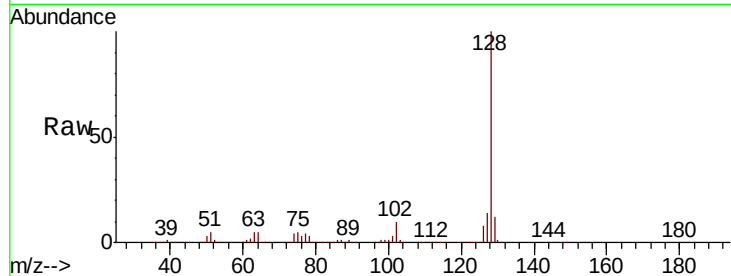
127 13.9 10.2 15.4

129 12.1 9.2 13.8

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MMDadoda

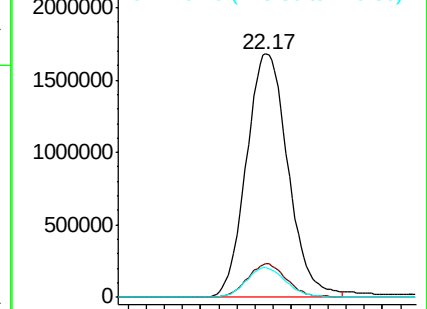
11/5/2020 2:14:51 PM



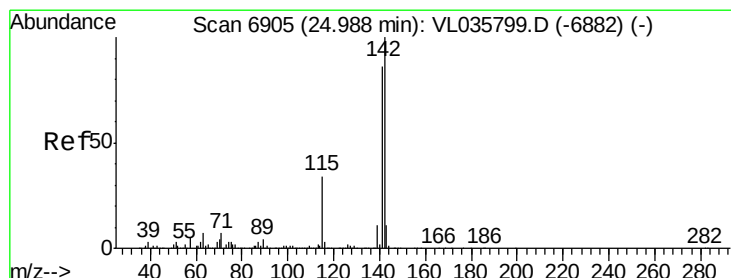
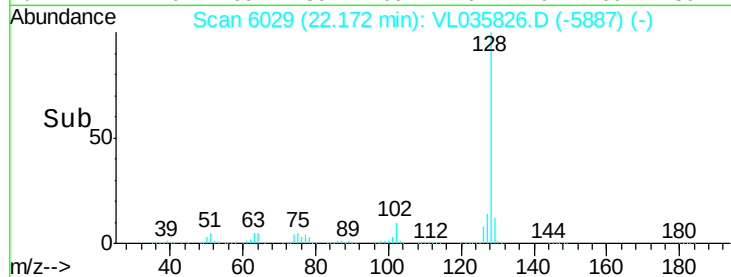
Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



Time-->



#80

Naphthalene, 2-methyl-

Concen: 22.493 ppbv

RT: 24.96 min Scan# 6896

Delta R.T. -0.03 min

Lab File: VL035826.D

Acq: 4 Nov 2020 5:40

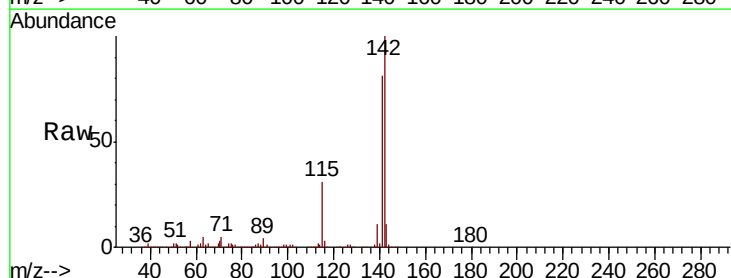
Tgt Ion:142 Resp: 1476542

Ion Ratio Lower Upper

142 100

141 81.4 67.8 101.8

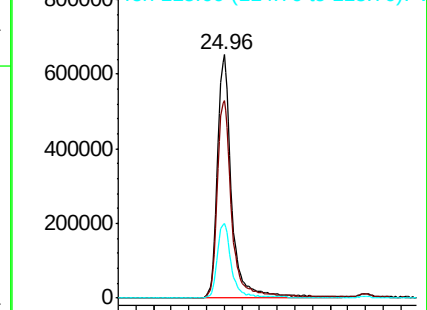
115 31.0 28.1 42.1



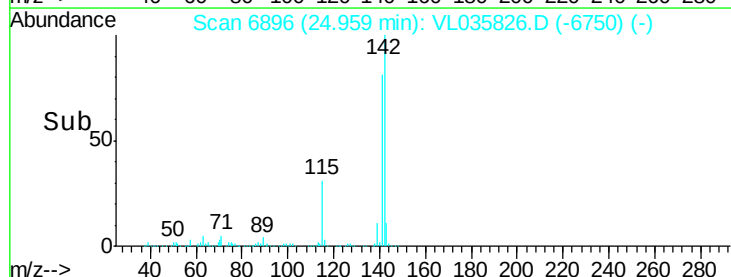
Abundance Ion 142.00 (141.70 to 142.70): V

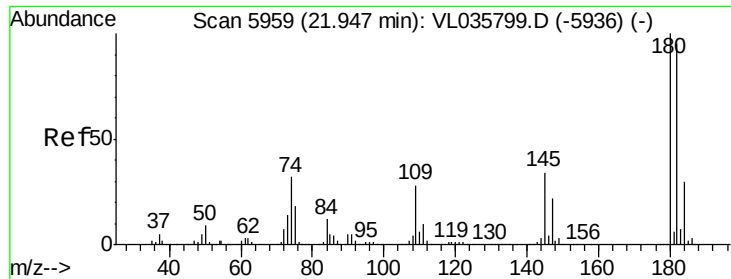
Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V



Time-->





#81
 1,2,4-Trichlorobenzene
 Concen: 12.213 ppbv
 RT: 21.90 min Scan# 5945
 Delta R.T. -0.05 min
 Lab File: VL035826.D
 Acq: 4 Nov 2020 5:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.2	115.8
184	31.3	24.7	37.1

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:14:51 PM

