

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\
 Data File : VL035992.D
 Acq On : 19 Nov 2020 8:42
 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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 11/20/2020 12:28:27 PM

Quant Time: Nov 19 09:35:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	5.63	49	1135696	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	4165294	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	4265585m	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	3160772	10.43	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	1802604	8.431	ppbv	100
3) Chlorodifluoromethane	2.95	51	1333535	9.805	ppbv	99
4) Chloromethane	3.11	50	652034	9.869	ppbv	99
5) Vinyl Chloride	3.22	62	804917	9.557	ppbv	99
6) Bromomethane	3.44	94	688468	10.164	ppbv	95
7) Chloroethane	3.52	64	310344	10.470	ppbv	100
8) Dichlorotetrafluoroethane	3.15	85	2358585	9.638	ppbv	97
9) Propene	2.98	41	474651	9.535	ppbv	98
10) Heptane	8.08	43	1492789	10.857	ppbv	99
11) Trichlorofluoromethane	3.91	101	2824667	10.521	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.45	101	2086648	10.439	ppbv	98
13) Ethanol	3.57	45	107014	9.909	ppbv	97
14) Bromoethene	3.70	108	902221	9.807	ppbv	99
15) Acetone	3.81	43	1218604	10.037	ppbv	100
16) 1,3-Butadiene	3.29	39	536966	10.272	ppbv	99
17) tert-Butyl alcohol	4.26	59	1705938	10.602	ppbv	98
18) 1,1-Dichloroethene	4.25	96	959986	10.460	ppbv	93
19) Isopropyl Alcohol	3.93	45	820971	11.003	ppbv	# 96
20) Methylene Chloride	4.30	84	788035	9.220	ppbv	99
21) Allyl Chloride	4.37	41	690540	10.517	ppbv	97
22) trans-1,2-Dichloroethene	4.84	96	972922	10.457	ppbv	99
23) Vinyl Acetate	5.03	43	1568606	9.217	ppbv	100
24) 1,1-Dichloroethane	4.97	63	1626376	10.030	ppbv	100
25) Ethyl Acetate	5.64	43	2520577	10.538	ppbv	99
26) Hexane	5.65	57	1302405	9.873	ppbv	96
27) Carbon Disulfide	4.51	76	2148301	10.869	ppbv	99
28) Methyl tert-Butyl Ether	4.99	73	2118029	8.941	ppbv	100
29) Chloroform	5.71	83	2572791	9.923	ppbv	99
30) Cyclohexane	7.09	84	1363869	9.493	ppbv	98
31) cis-1,2-Dichloroethene	5.51	61	1336212	9.847	ppbv	95
32) 1,1,1-Trichloroethane	6.47	97	2447293	9.045	ppbv	98
34) 2-Butanone	5.20	43	1561531	11.551	ppbv	97
35) Carbon Tetrachloride	6.97	117	2475200	11.122	ppbv	97
36) Benzene	6.85	78	3198711	10.330	ppbv	99
37) 1,2-Dichloroethane	6.27	62	1612322	11.493	ppbv	99
38) Trichloroethene	7.79	130	1519285	10.045	ppbv	97
39) 1,2-Dichloropropane	7.57	63	1140401	10.939	ppbv	98
40) 1,4-Dioxane	7.79	88	554661	11.225	ppbv	98
41) Tetrahydrofuran	6.01	42	897974	11.692	ppbv	97
42) Bromodichloromethane	7.75	83	2665608	11.261	ppbv	98
43) Methyl Methacrylate	7.97	69	1330677	11.266	ppbv	96

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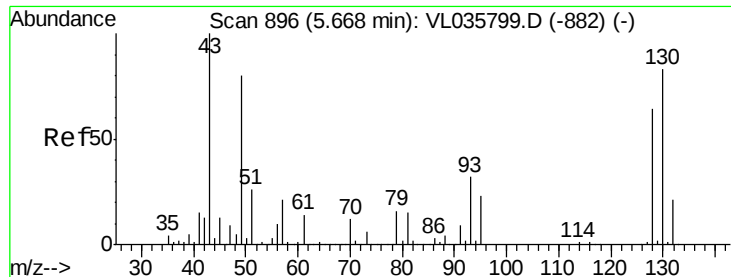
MMDadoda
 11/20/2020 12:28:27 PM

Quant Time: Nov 19 09:35:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	7.83	57	4551015	11.106	ppbv	99
45) t-1,3-Dichloropropene	9.24	75	1414626	11.298	ppbv	99
46) cis-1,3-Dichloropropene	8.66	75	1774954	11.193	ppbv	98
47) 1,1,2-Trichloroethane	9.43	97	1519301	10.695	ppbv	100
48) Dibromochloromethane	10.26	129	2452705	11.302	ppbv	99
49) Bromoform	13.00	173	2058902	11.243	ppbv	99
50) 4-Methyl-2-Pentanone	8.70	43	2524684	12.214	ppbv	98
51) 2-Hexanone	10.09	43	2091082	12.593	ppbv #	97
52) Tetrachloroethene	11.18	164	1343016	9.154	ppbv	98
53) Toluene	9.76	91	3920807	10.493	ppbv	99
54) 1,2-Dibromoethane	10.57	107	2283536	10.570	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.08	131	1922474	10.042	ppbv	98
57) Chlorobenzene	12.10	112	3236203	9.542	ppbv	99
58) Ethyl Benzene	12.67	91	5112007	9.840	ppbv	100
59) m/p-Xylene	12.95	91	8864594m	20.168	ppbv	
60) o-Xylene	13.65	91	4379476	10.242	ppbv	99
61) Styrene	13.48	104	3218691	10.274	ppbv	99
62) Isopropylbenzene	14.63	105	6448066	9.595	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.64	83	3263108	9.849	ppbv	99
64) n-propylbenzene	15.52	120	1914654	9.856	ppbv	95
65) tert-Butylbenzene	16.70	119	5861976	9.583	ppbv	98
66) Benzyl Chloride	16.95	91	2174437	10.754	ppbv	97
67) sec-Butylbenzene	17.26	105	7929653	9.619	ppbv	98
69) p-Isopropyltoluene	17.61	119	6543396	9.619	ppbv	98
70) n-Butylbenzene	18.51	91	6683121	10.201	ppbv	99
71) 2-Chlorotoluene	15.41	91	4960846	10.092	ppbv	97
72) 4-Ethyltoluene	15.80	105	5193680	10.015	ppbv	99
73) 1,3,5-Trimethylbenzene	15.96	105	4795146	10.104	ppbv	99
74) 1,2,4-Trimethylbenzene	16.72	105	5090676	10.011	ppbv	96
75) 1,3-Dichlorobenzene	16.96	146	3092195	9.550	ppbv	98
76) 1,4-Dichlorobenzene	17.10	146	3009257	9.634	ppbv	98
77) 1,2-Dichlorobenzene	17.78	146	2936676	9.304	ppbv	98
78) Hexachloro-1,3-Butadiene	23.34	225	1434312	9.739	ppbv	100
79) Naphthalene	22.15	128	3802917	10.728	ppbv	100
80) Naphthalene, 2-methyl-	24.95	142	813861	14.088	ppbv	98
81) 1,2,4-Trichlorobenzene	21.88	180	1858989	9.386	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 883

Delta R.T. -0.04 min

Lab File: VL035992.D

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Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 49 Resp: 1135696

Ion Ratio Lower Upper

49 100

128 78.9 41.5 124.6

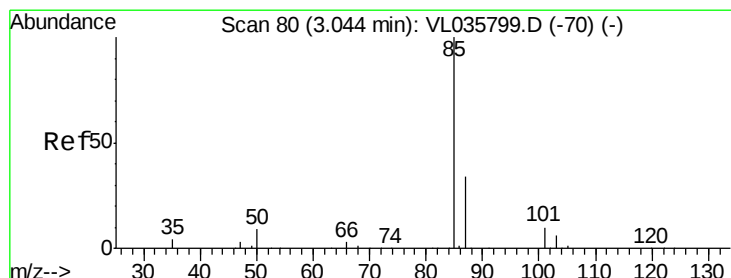
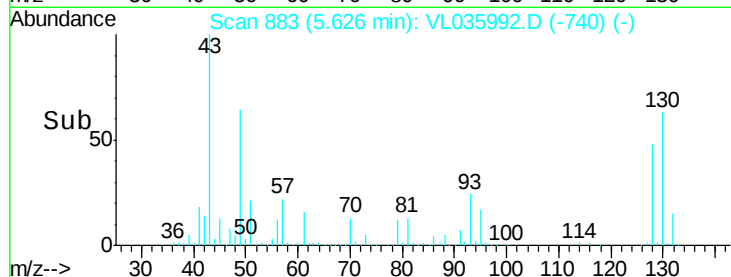
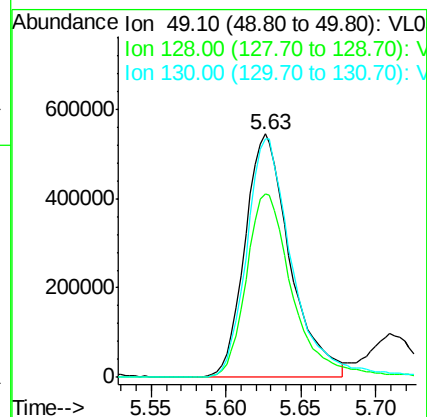
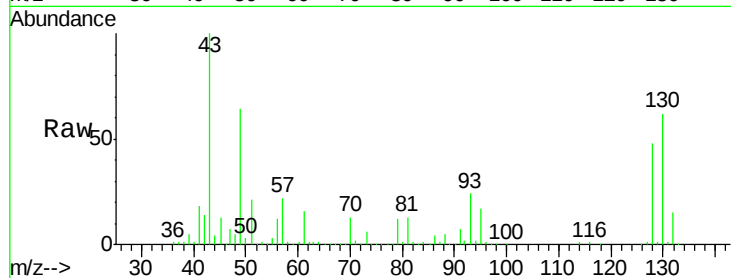
130 101.7 53.7 161.1

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#2

Dichlorodifluoromethane

Concen: 8.431 ppbv

RT: 3.02 min Scan# 71

Delta R.T. -0.03 min

Lab File: VL035992.D

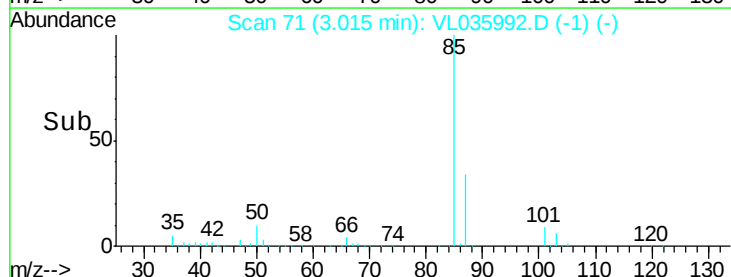
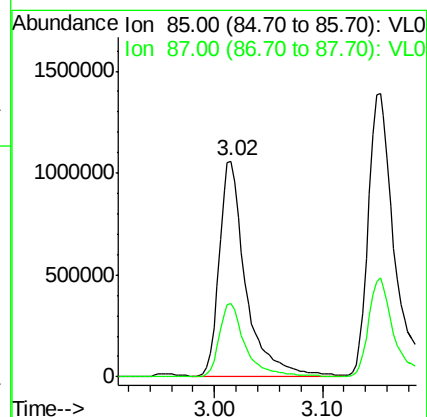
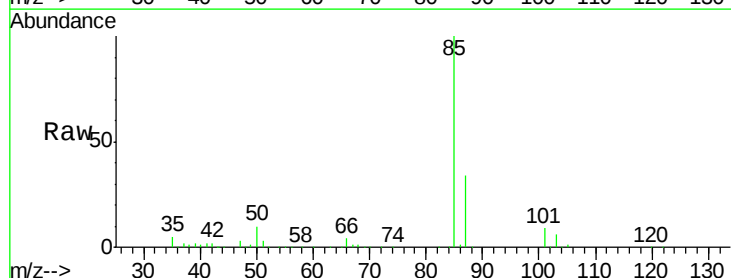
Acq: 19 Nov 2020 8:42

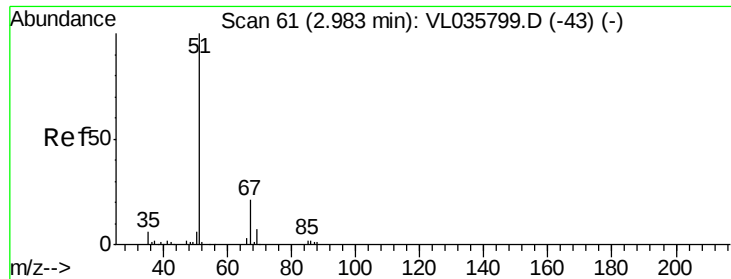
Tgt Ion: 85 Resp: 1802604

Ion Ratio Lower Upper

85 100

87 33.7 27.1 40.7





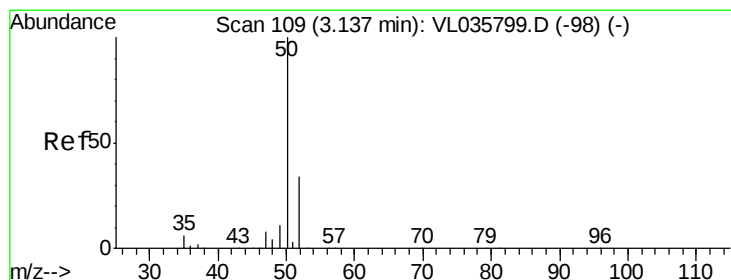
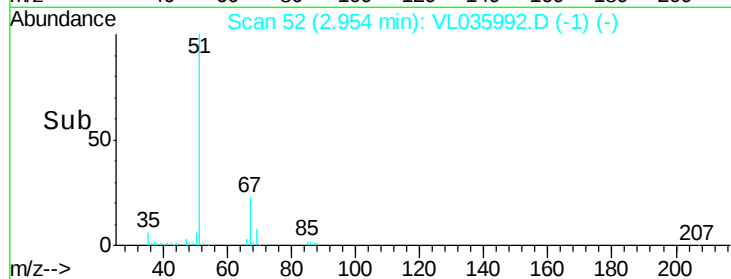
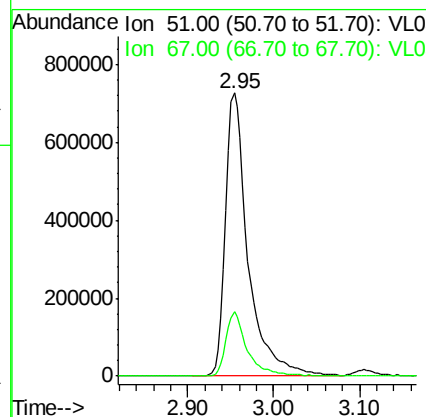
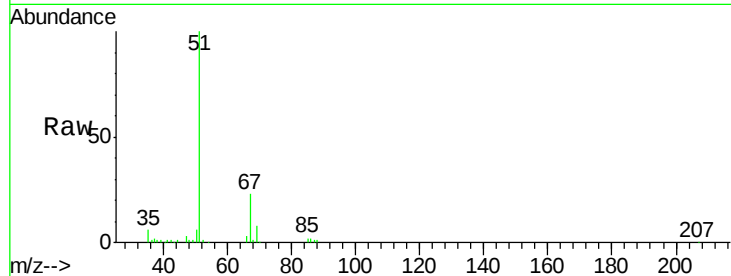
#3
Chlorodifluoromethane
Concen: 9.805 ppbv
RT: 2.95 min Scan# 52
Delta R.T. -0.03 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 51 Resp: 1333535
Ion Ratio Lower Upper
51 100
67 21.5 17.0 25.4

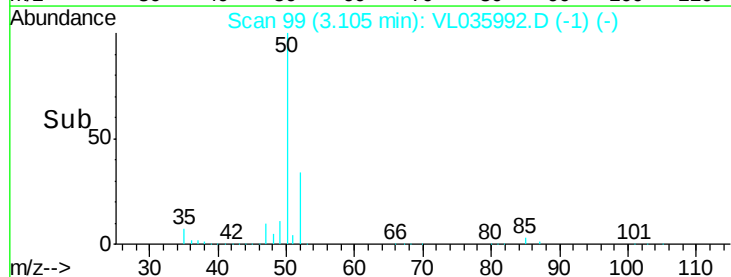
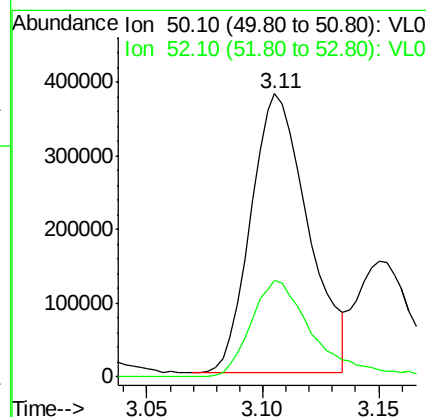
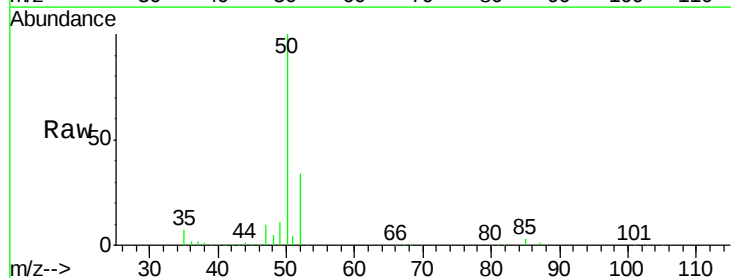
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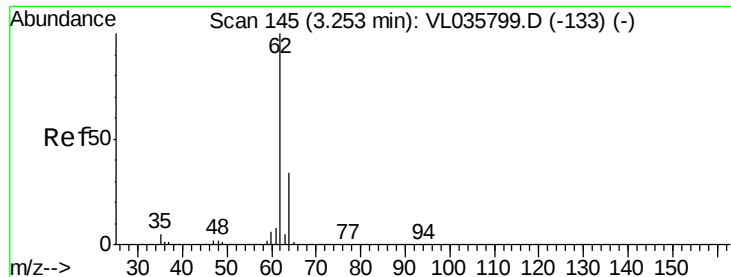
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#4
Chloromethane
Concen: 9.869 ppbv
RT: 3.11 min Scan# 99
Delta R.T. -0.03 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 50 Resp: 652034
Ion Ratio Lower Upper
50 100
52 34.6 27.1 40.7





#5

Vinyl Chloride

Concen: 9.557 ppbv

RT: 3.22 min Scan# 135

Delta R.T. -0.03 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 62 Resp: 804917

Ion Ratio Lower Upper

62 100

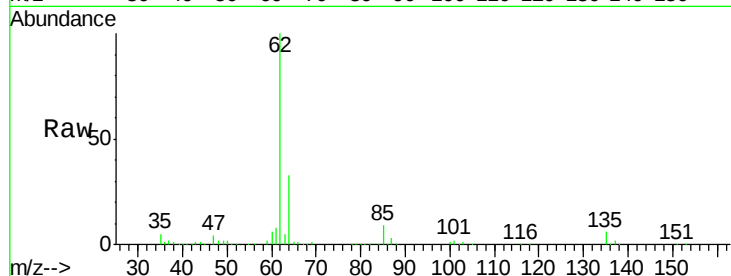
64 33.1 26.9 40.3

Manual Integrations

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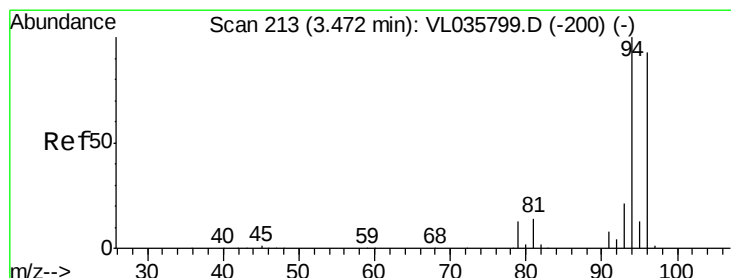
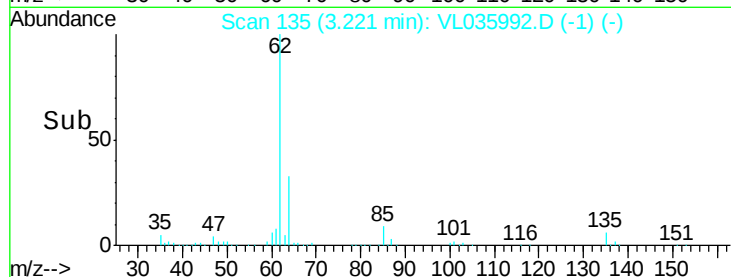
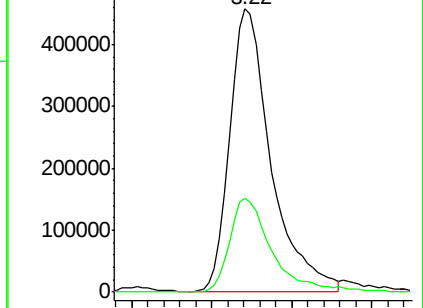
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 10.164 ppbv

RT: 3.44 min Scan# 202

Delta R.T. -0.04 min

Lab File: VL035992.D

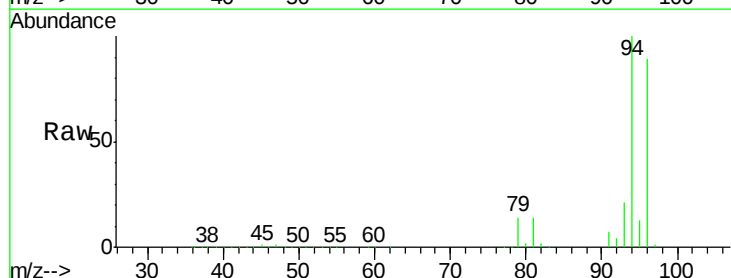
Acq: 19 Nov 2020 8:42

Tgt Ion: 94 Resp: 688468

Ion Ratio Lower Upper

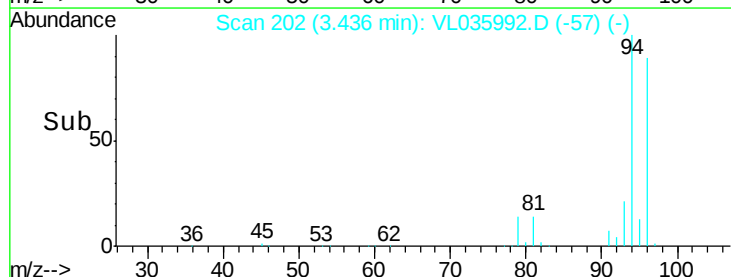
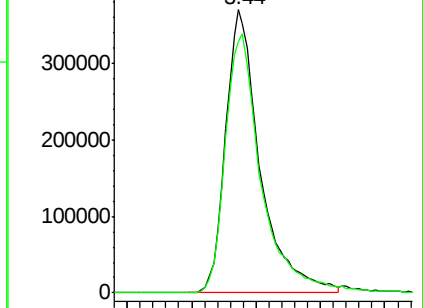
94 100

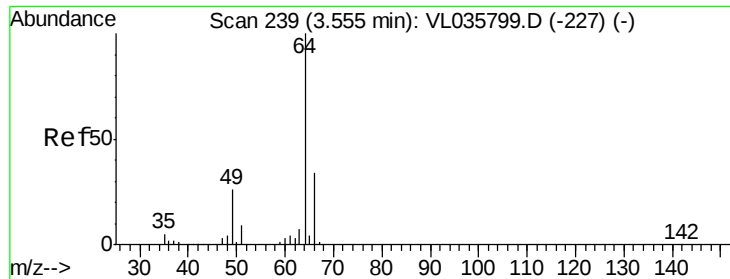
96 88.8 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.470 ppbv

RT: 3.52 min Scan# 228

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 64 Resp: 310344

Ion Ratio Lower Upper

64 100

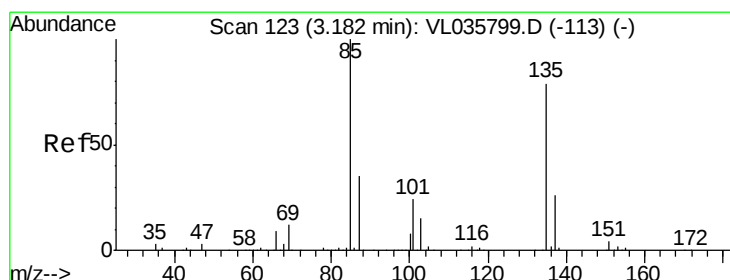
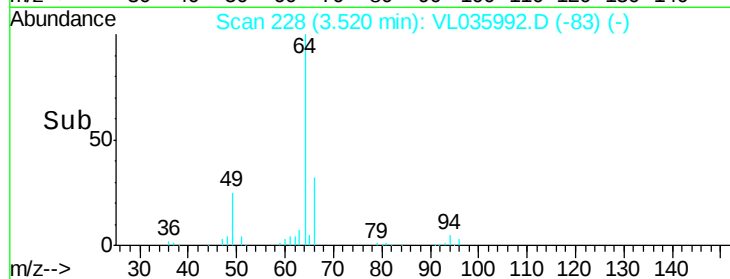
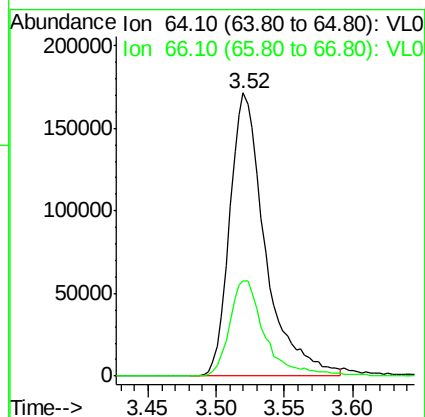
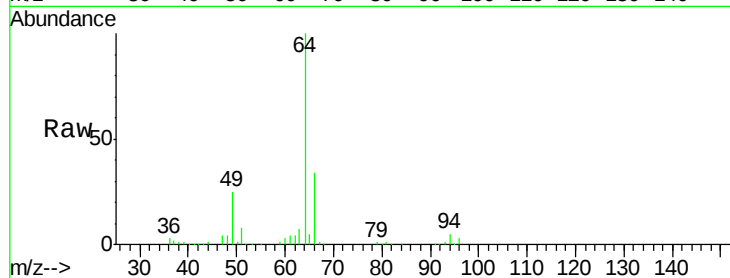
66 33.6 27.0 40.6

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 9.638 ppbv

RT: 3.15 min Scan# 114

Delta R.T. -0.03 min

Lab File: VL035992.D

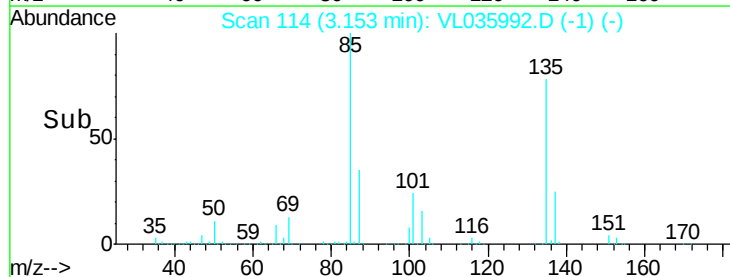
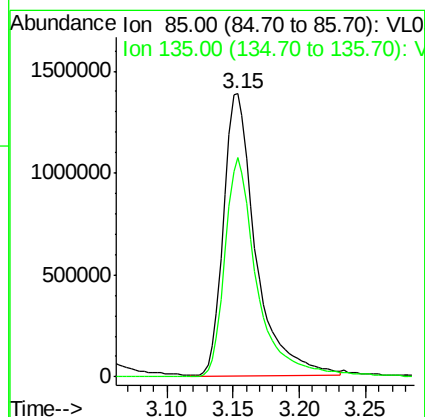
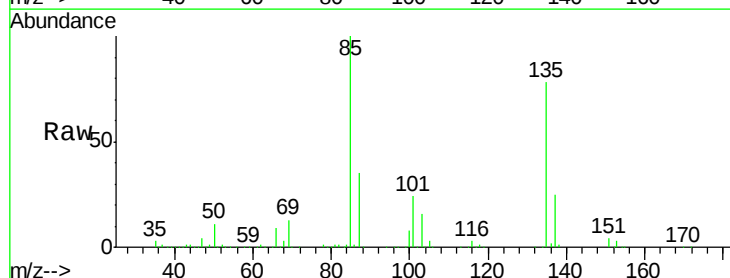
Acq: 19 Nov 2020 8:42

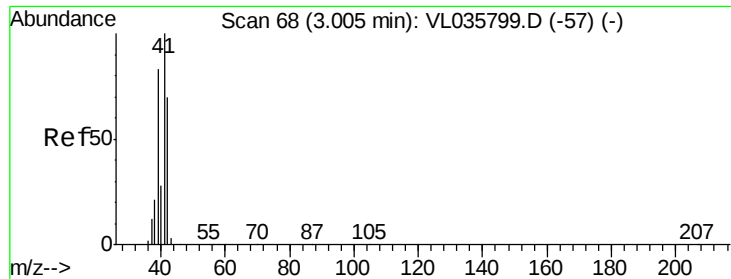
Tgt Ion: 85 Resp: 2358585

Ion Ratio Lower Upper

85 100

135 78.2 64.6 96.8





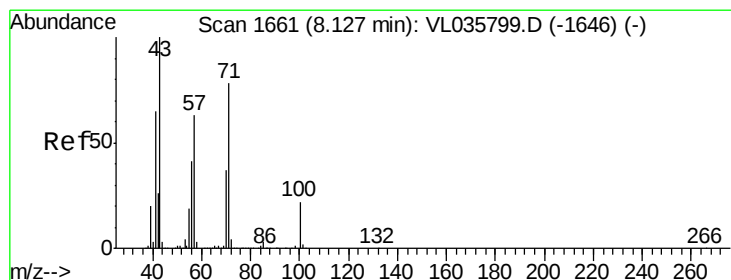
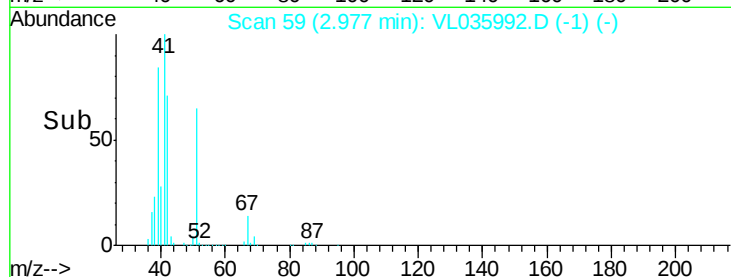
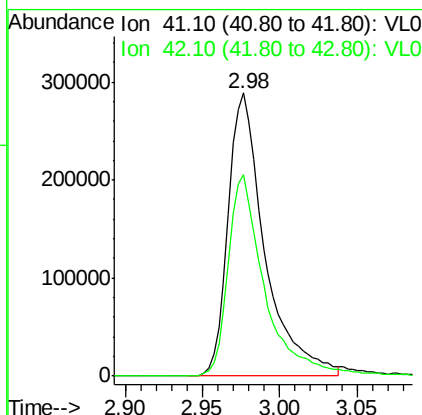
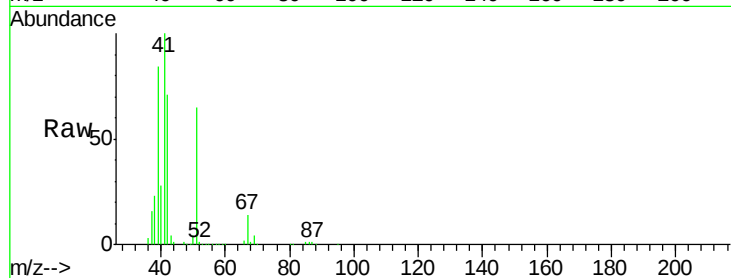
#9
 Propene
 Concen: 9.535 ppbv
 RT: 2.98 min Scan# 59
 Delta R.T. -0.03 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 41 Resp: 474651
 Ion Ratio Lower Upper
 41 100
 42 71.6 56.2 84.4

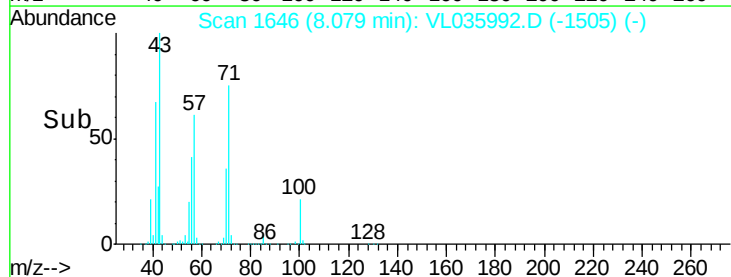
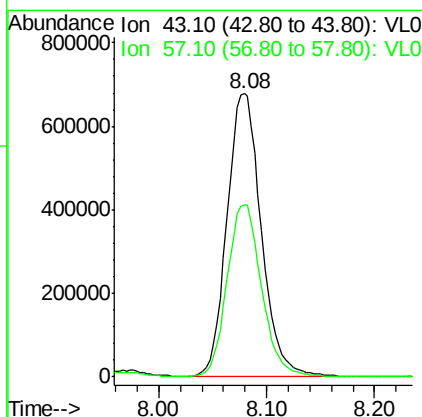
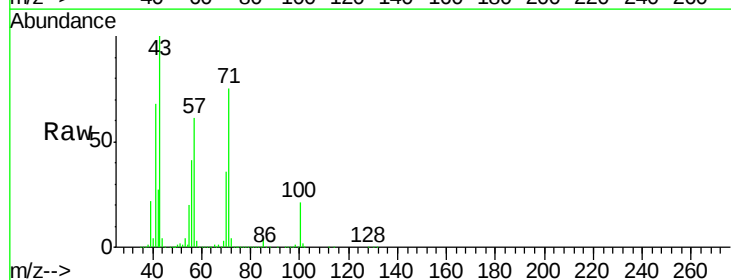
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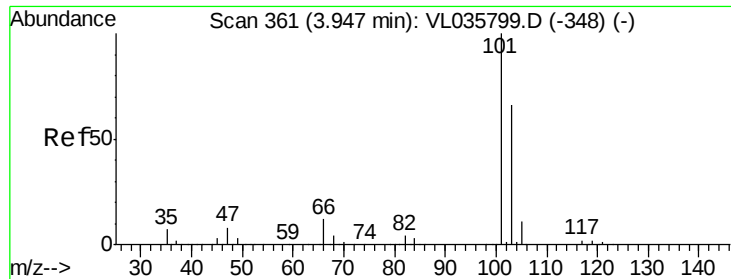
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#10
 Heptane
 Concen: 10.857 ppbv
 RT: 8.08 min Scan# 1646
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion: 43 Resp: 1492789
 Ion Ratio Lower Upper
 43 100
 57 61.9 50.0 75.0





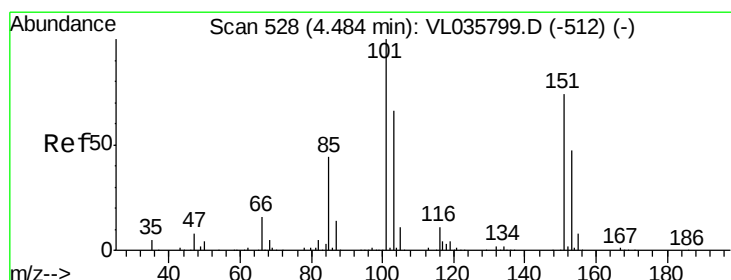
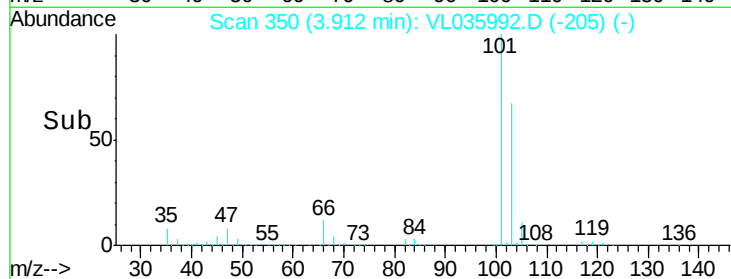
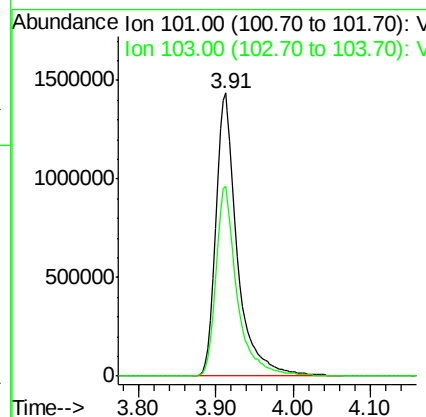
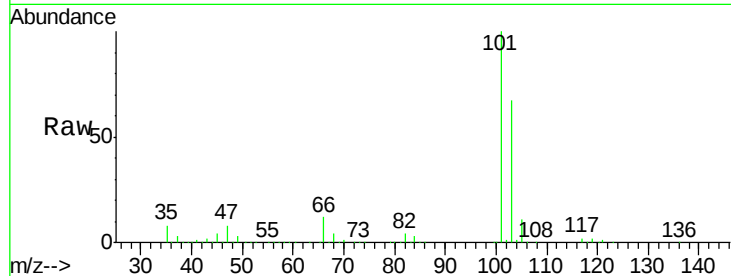
#11
 Trichlorofluoromethane
 Concen: 10.521 ppbv
 RT: 3.91 min Scan# 350
 Delta R.T. -0.04 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:101 Resp: 2824667
 Ion Ratio Lower Upper
 101 100
 103 66.9 53.0 79.4

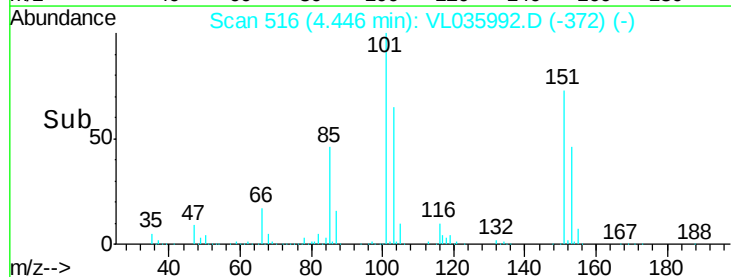
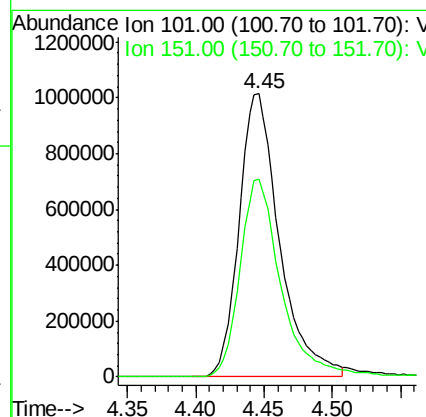
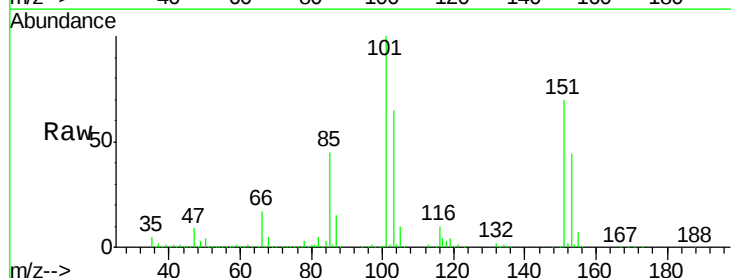
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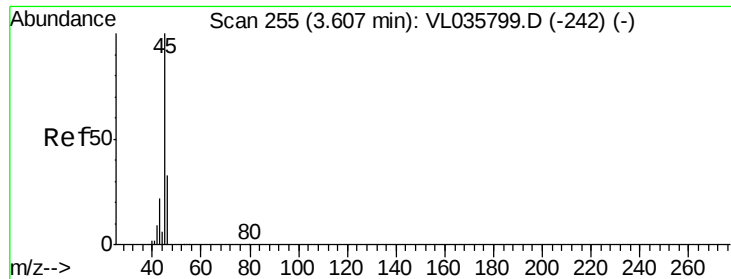
MMDadoda
 11/20/2020 12:28:27 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.439 ppbv
 RT: 4.45 min Scan# 516
 Delta R.T. -0.04 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion:101 Resp: 2086648
 Ion Ratio Lower Upper
 101 100
 151 71.8 58.9 88.3





#13

Ethanol

Concen: 9.909 ppbv

RT: 3.57 min Scan# 244

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 107014

Ion Ratio Lower Upper

45 100

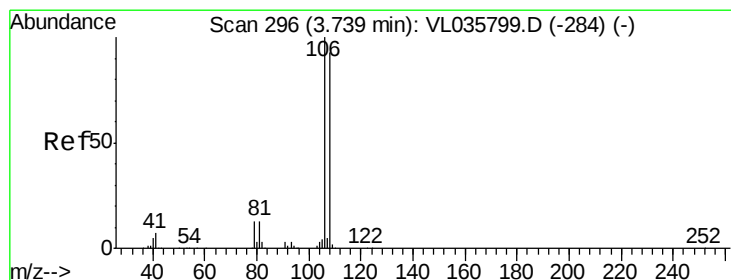
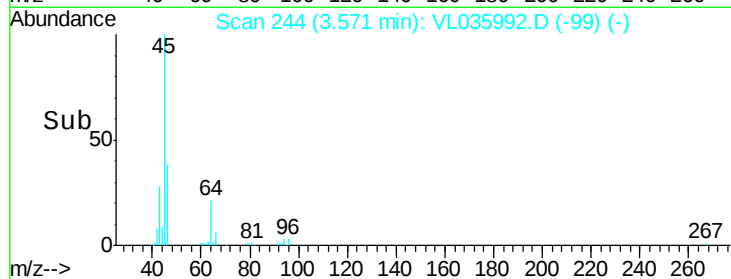
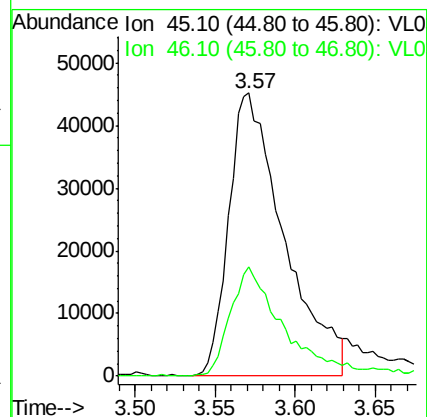
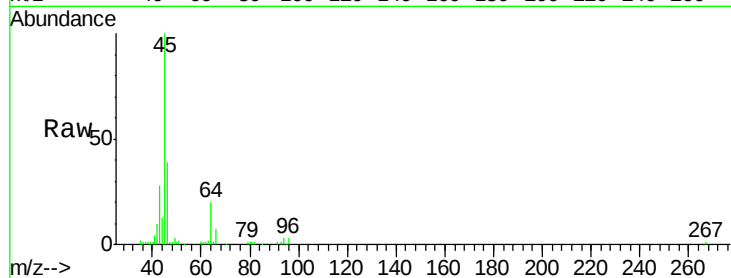
46 38.5 16.1 64.5

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#14

Bromoethene

Concen: 9.807 ppbv

RT: 3.70 min Scan# 285

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

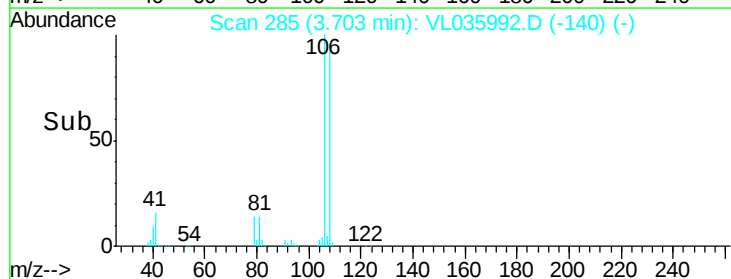
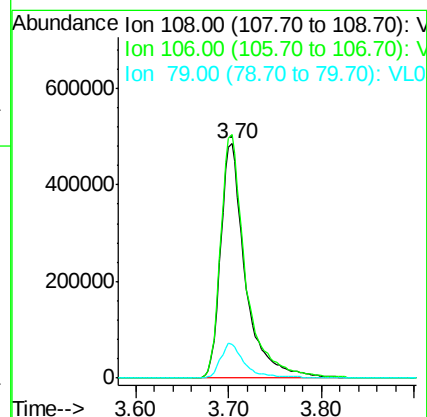
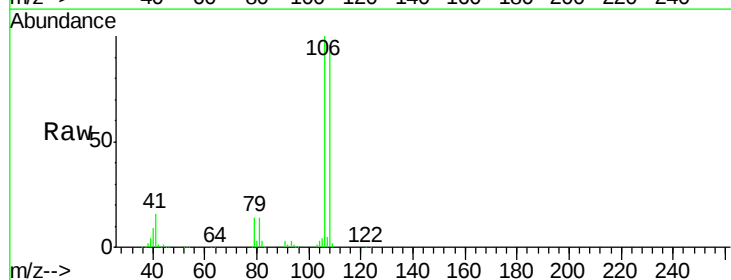
Tgt Ion: 108 Resp: 902221

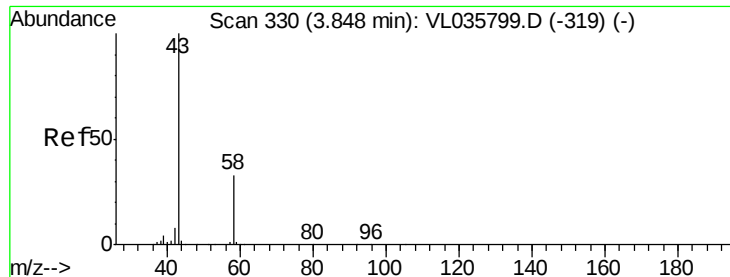
Ion Ratio Lower Upper

108 100

106 105.6 85.3 127.9

79 15.2 11.6 17.4





#15

Acetone

Concen: 10.037 ppbv

RT: 3.81 min Scan# 319

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 1218604

Ion Ratio Lower Upper

43 100

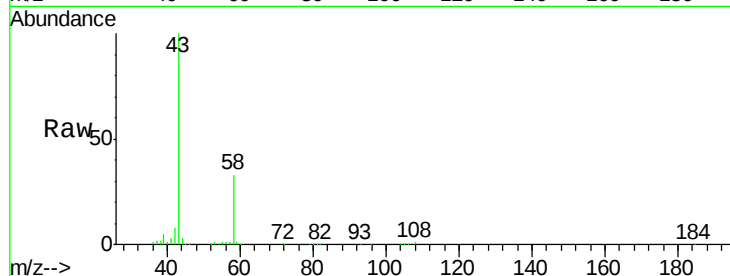
58 34.5 27.5 41.3

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.81

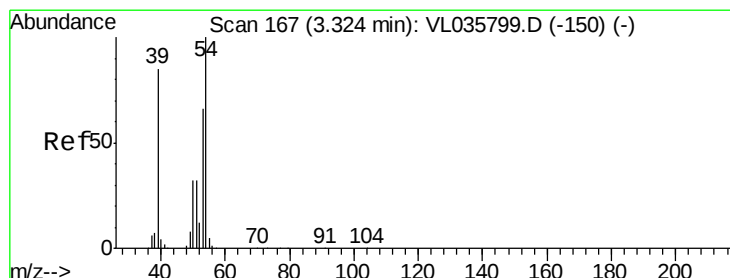
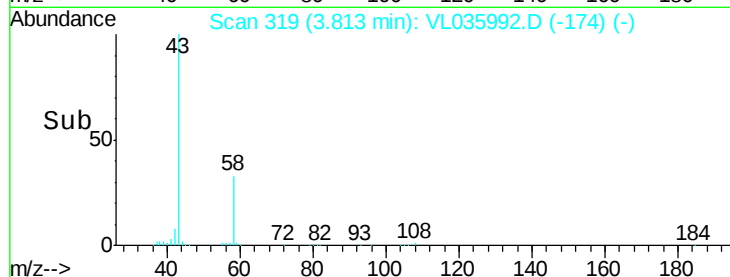
600000

400000

200000

0

Time-->



#16

1,3-Butadiene

Concen: 10.272 ppbv

RT: 3.29 min Scan# 157

Delta R.T. -0.03 min

Lab File: VL035992.D

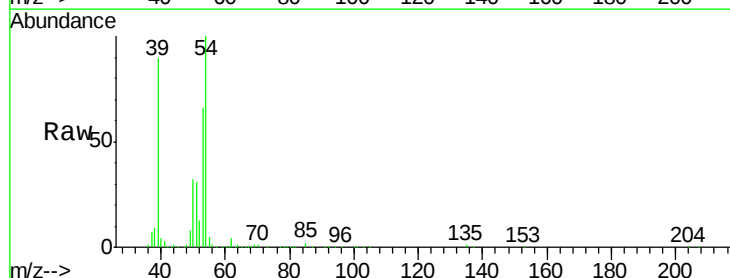
Acq: 19 Nov 2020 8:42

Tgt Ion: 39 Resp: 536966

Ion Ratio Lower Upper

39 100

54 107.4 87.1 130.7



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.29

400000

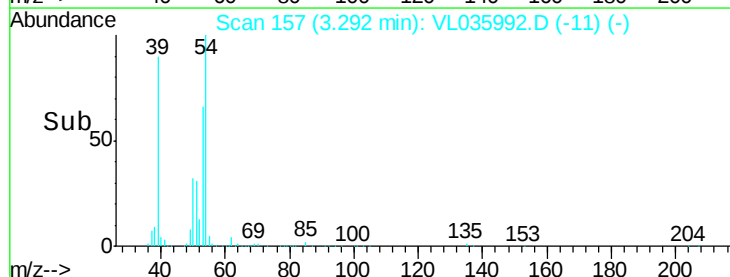
300000

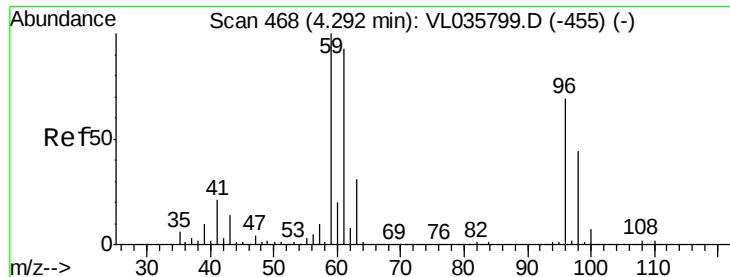
200000

100000

0

Time-->





#17

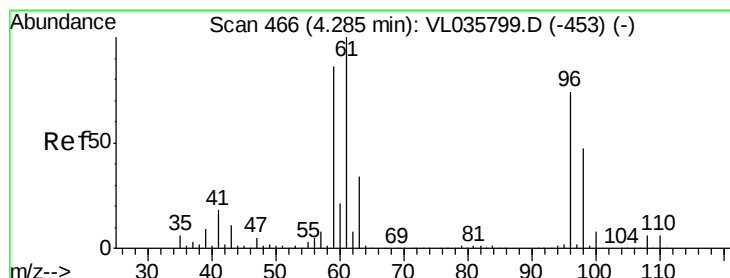
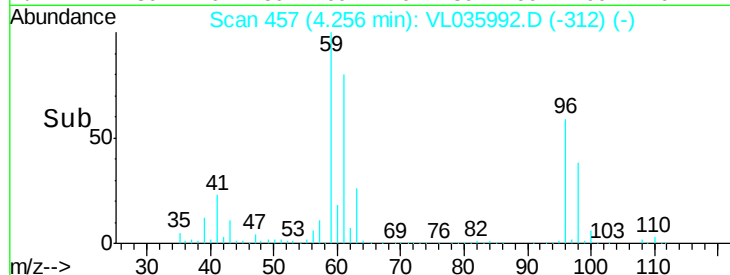
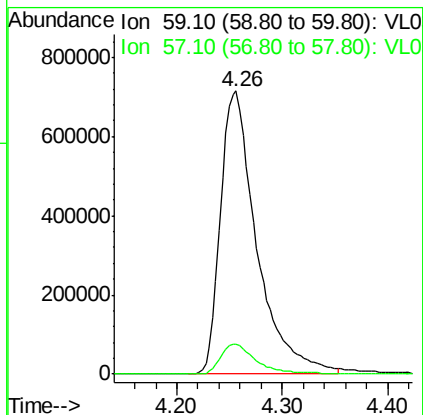
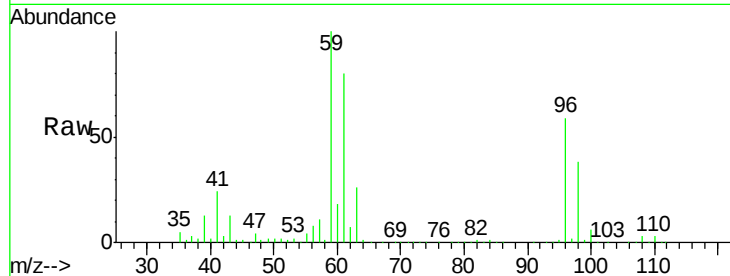
tert-Butyl alcohol
Concen: 10.602 ppbv
RT: 4.26 min Scan# 457
Delta R.T. -0.04 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 59 Resp: 1705938
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

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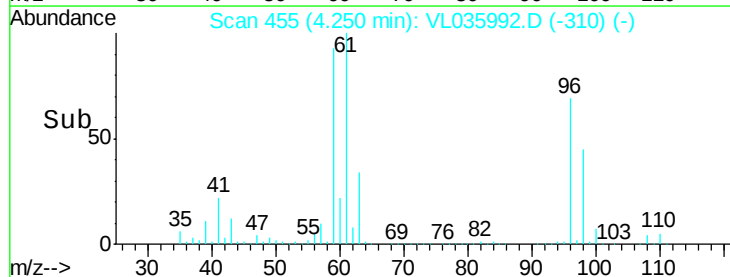
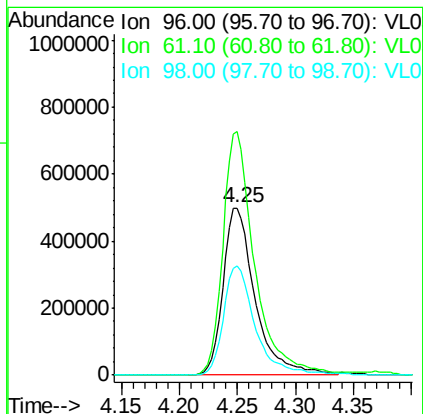
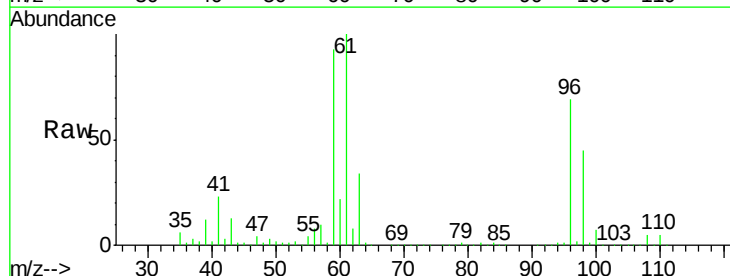
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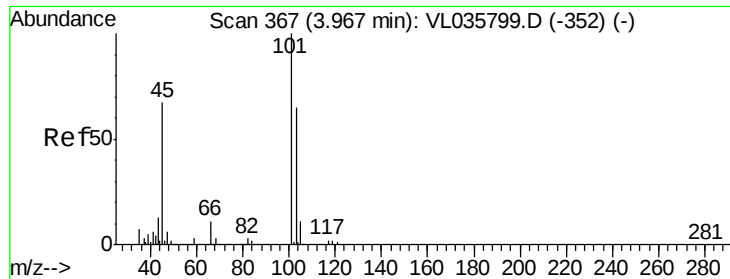


#18

1,1-Dichloroethene
Concen: 10.460 ppbv
RT: 4.25 min Scan# 455
Delta R.T. -0.04 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 96 Resp: 959986
Ion Ratio Lower Upper
96 100
61 145.6 108.5 162.7
98 65.6 50.7 76.1





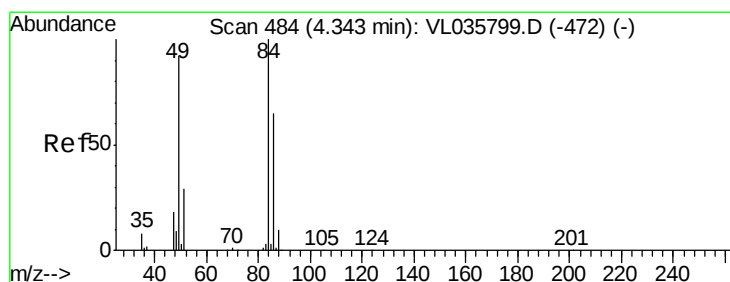
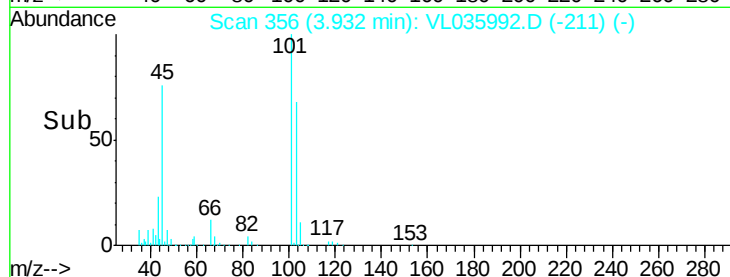
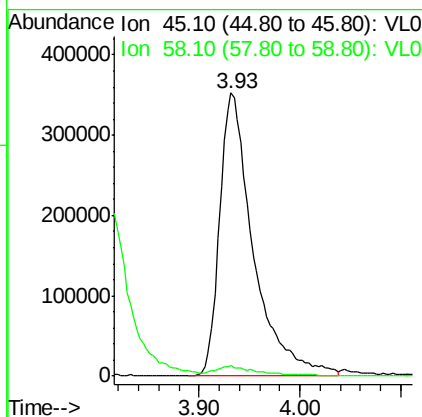
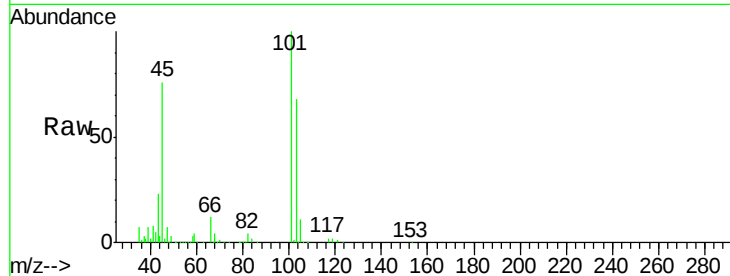
#19
Isopropyl Alcohol
Concen: 11.003 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.04 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 45 Resp: 820971
Ion Ratio Lower Upper
45 100
58 4.6 2.6 3.8#

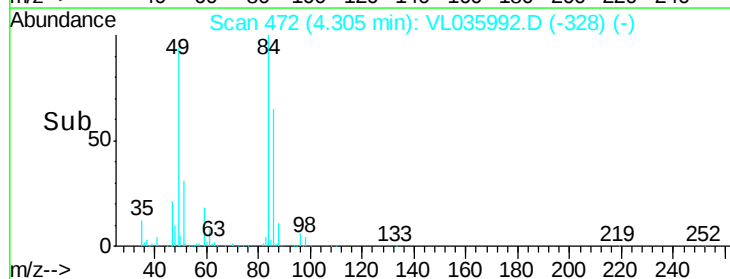
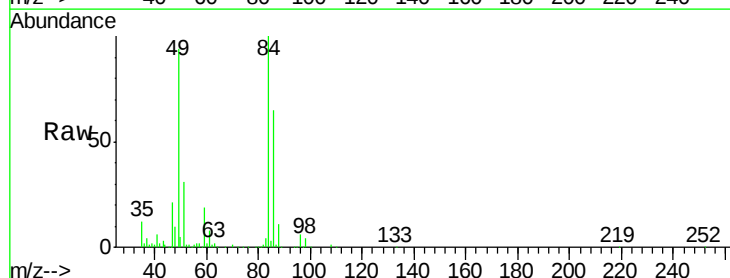
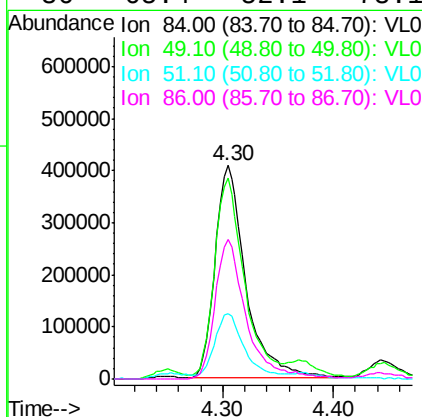
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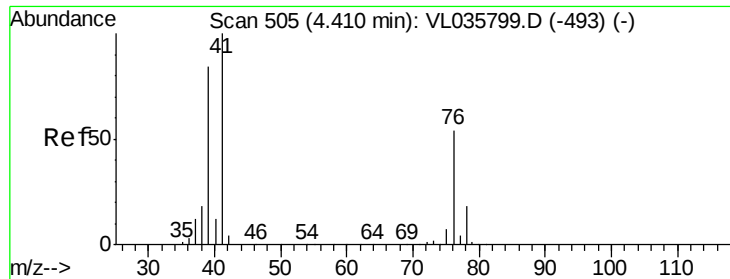
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#20
Methylene Chloride
Concen: 9.220 ppbv
RT: 4.30 min Scan# 472
Delta R.T. -0.04 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 84 Resp: 788035
Ion Ratio Lower Upper
84 100
49 92.5 73.8 110.8
51 30.1 23.0 34.4
86 65.4 52.1 78.1





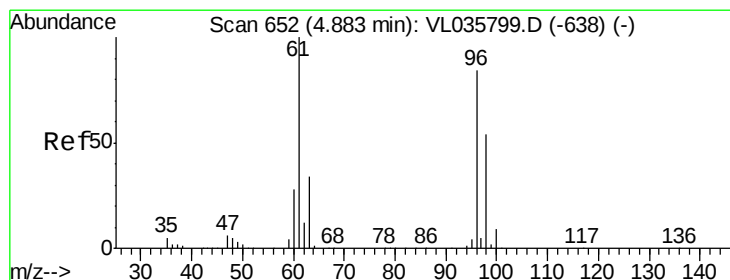
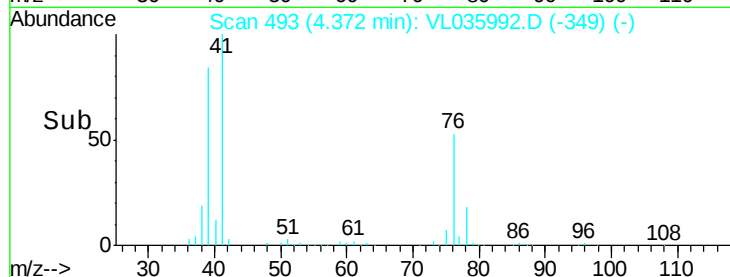
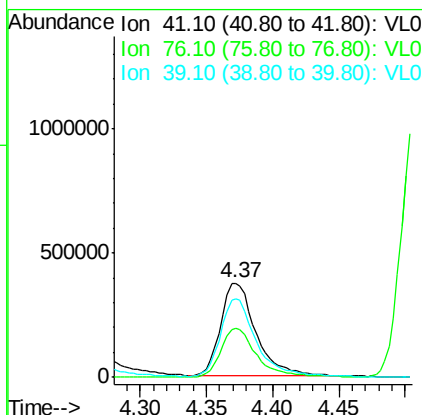
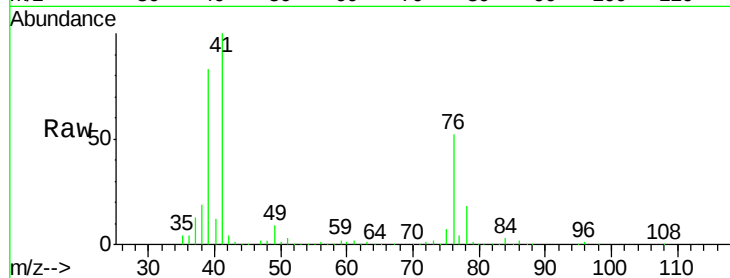
#21
Allvl Chloride
Concen: 10.517 ppbv
RT: 4.37 min Scan# 493
Delta R.T. -0.04 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
41	100		
76	54.3	42.6	63.8
39	86.8	67.0	100.4

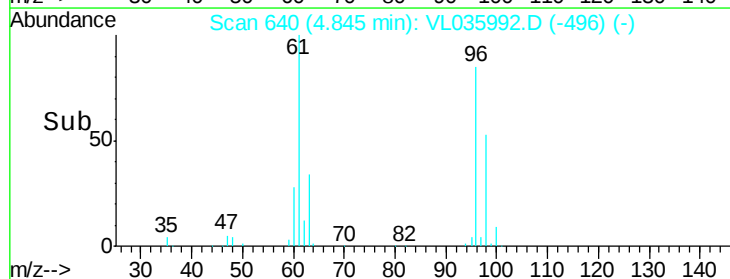
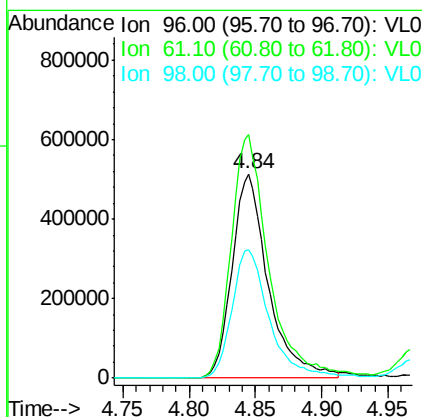
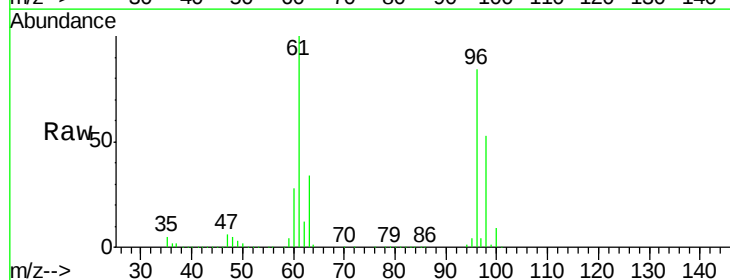
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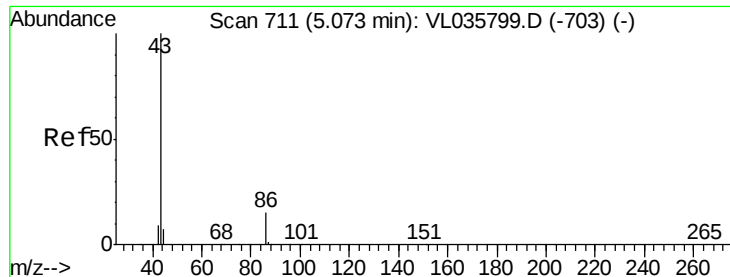
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#22
trans-1,2-Dichloroethene
Concen: 10.457 ppbv
RT: 4.84 min Scan# 640
Delta R.T. -0.04 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	119.3	95.4	143.0
98	63.0	51.8	77.6





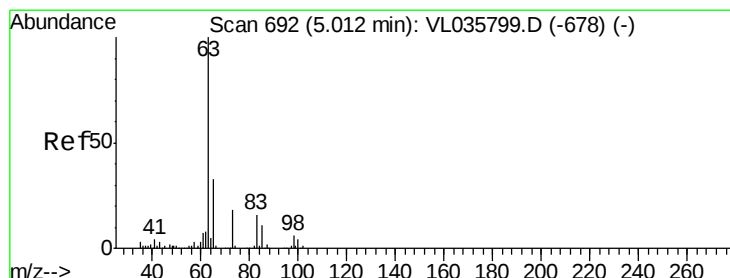
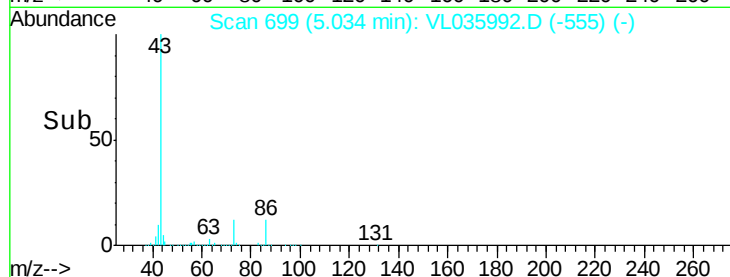
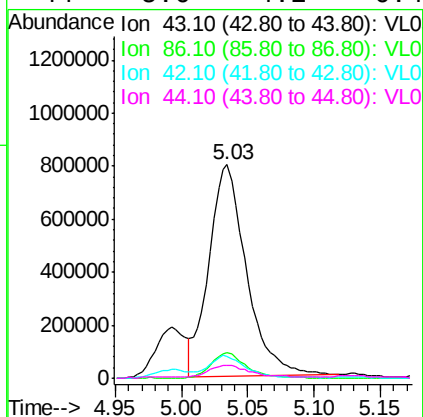
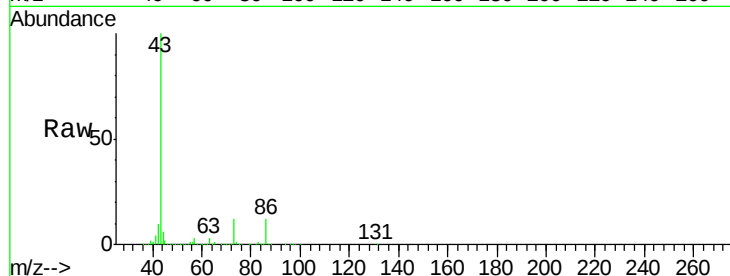
#23
 Vinyl Acetate
 Concen: 9.217 ppbv
 RT: 5.03 min Scan# 699
 Delta R.T. -0.04 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	43	Resp	1568606
Ion	Ratio	Lower	Upper
43	100		
86	12.2	9.8	14.6
42	10.0	8.1	12.1
44	5.6	4.2	6.4

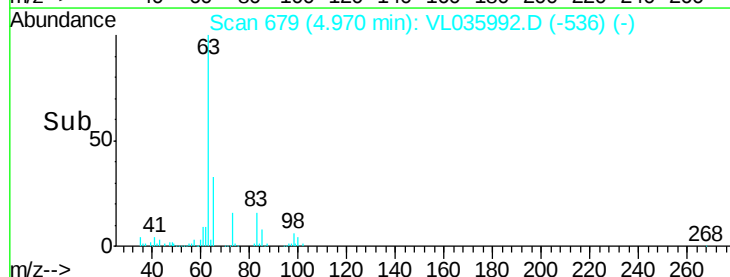
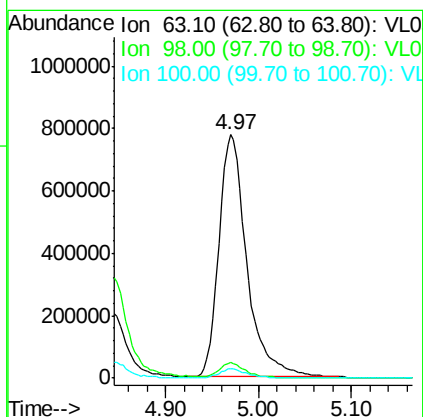
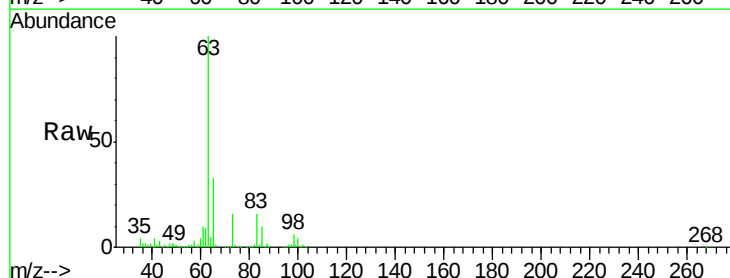
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#24
 1,1-Dichloroethane
 Concen: 10.030 ppbv
 RT: 4.97 min Scan# 679
 Delta R.T. -0.04 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion	63	Resp	1626376
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.0	9.2
100	3.7	1.8	5.4





#25

Ethyl Acetate

Concen: 10.538 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 2520577

Ion Ratio Lower Upper

43 100

45 10.8 8.5 12.7

61 13.5 10.7 16.1

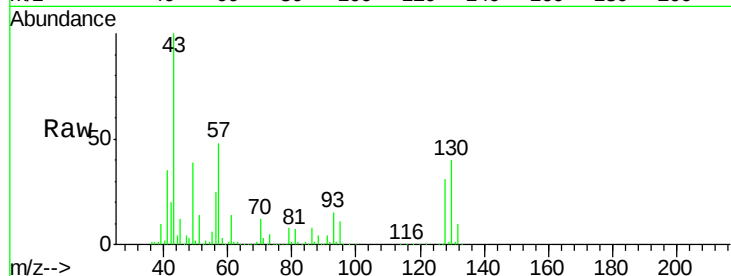
70 10.3 8.6 12.8

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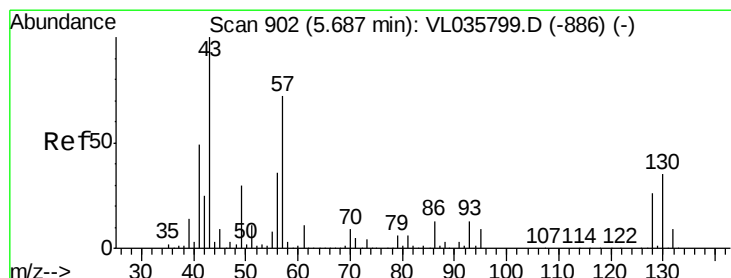
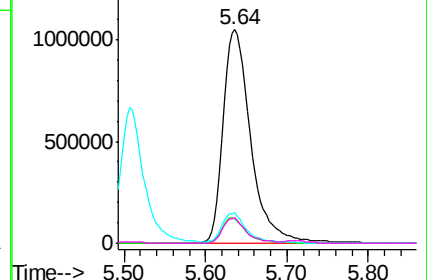
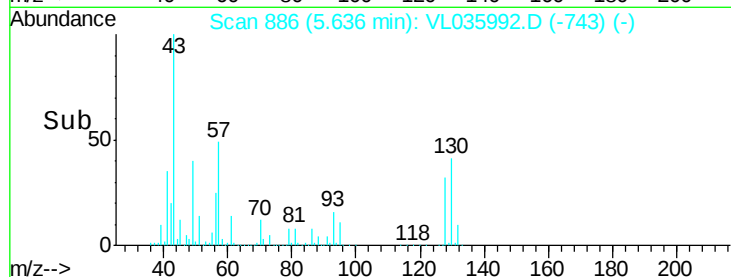


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.873 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Tgt Ion: 57 Resp: 1302405

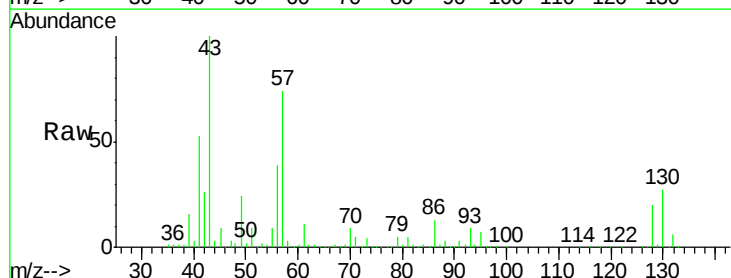
Ion Ratio Lower Upper

57 100

41 77.0 58.9 88.3

43 194.3 150.2 225.2

56 53.9 42.4 63.6

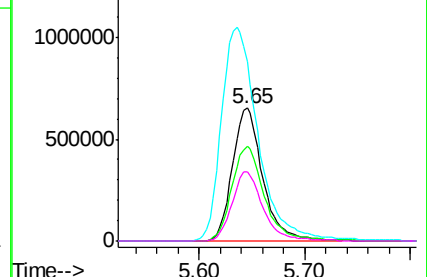
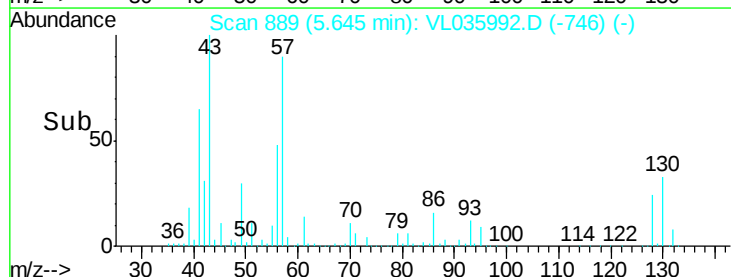


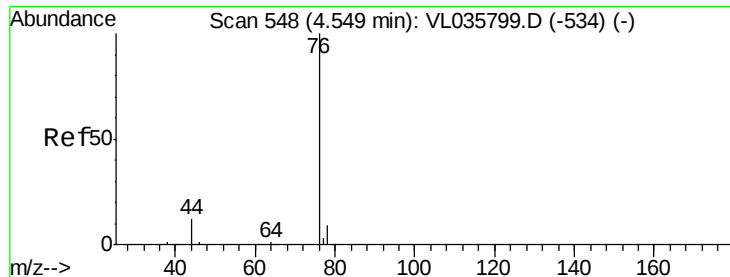
Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 10.869 ppbv

RT: 4.51 min Scan# 536

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 76 Resp: 2148301

Ion Ratio Lower Upper

76 100

44 12.1 9.9 14.9

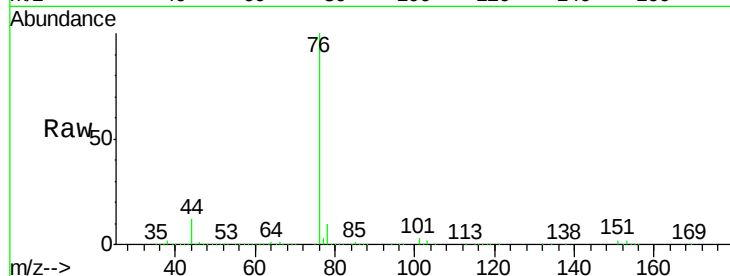
78 9.8 8.1 12.1

Manual Integrations

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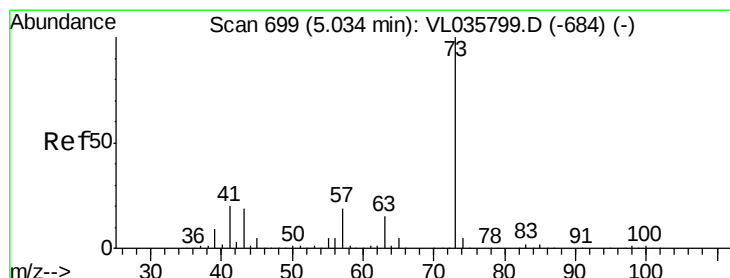
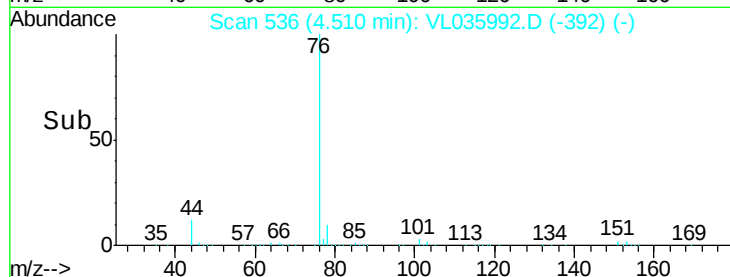
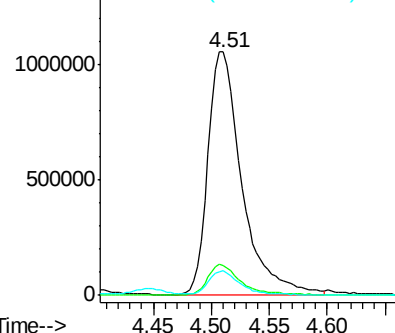
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Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 8.941 ppbv

RT: 4.99 min Scan# 686

Delta R.T. -0.04 min

Lab File: VL035992.D

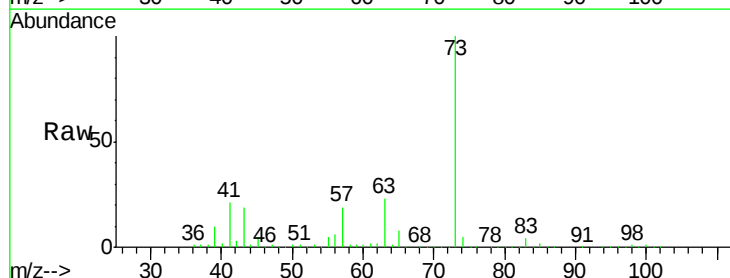
Acq: 19 Nov 2020 8:42

Tgt Ion: 73 Resp: 2118029

Ion Ratio Lower Upper

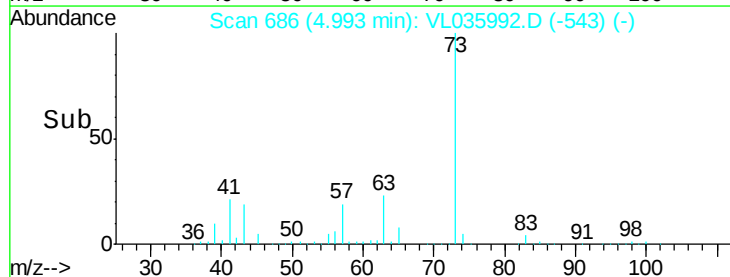
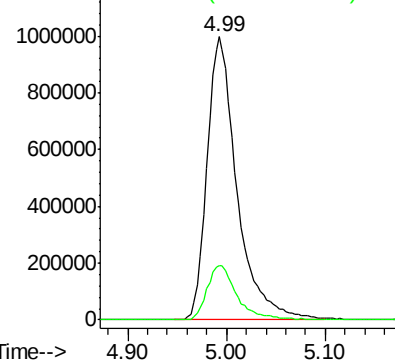
73 100

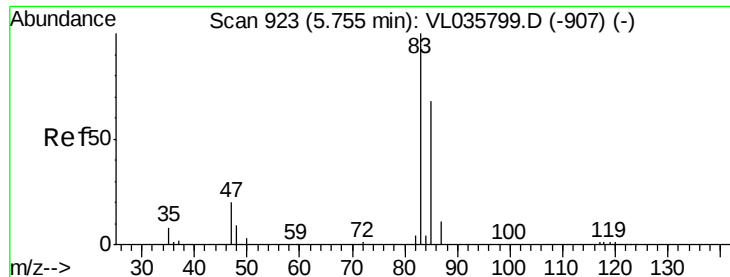
57 19.5 15.4 23.2



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





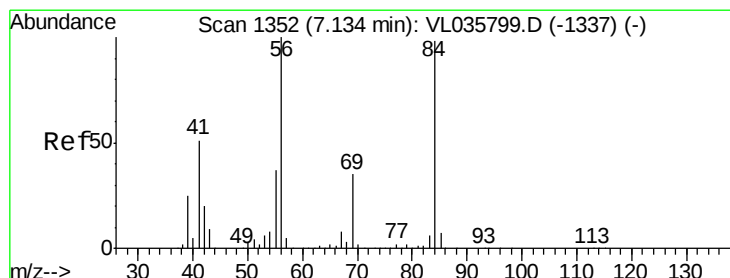
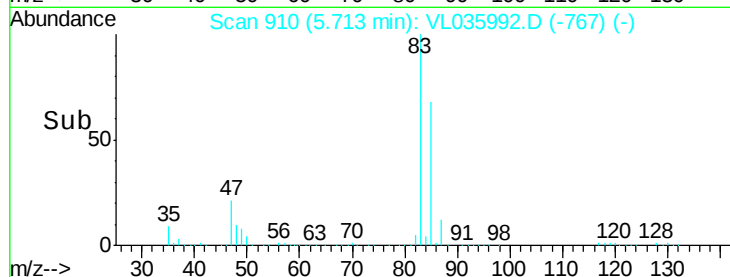
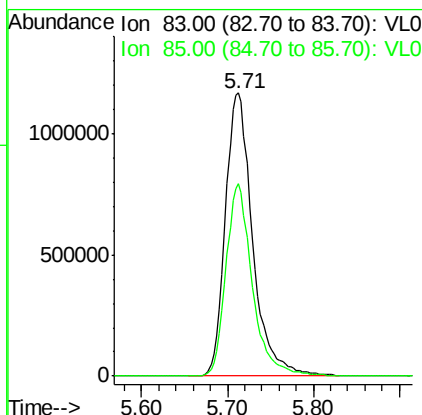
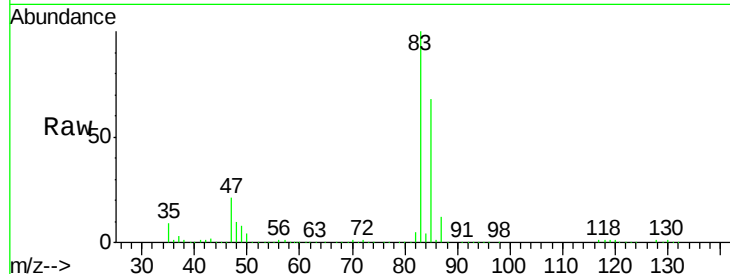
#29
Chloroform
Concen: 9.923 ppbv
RT: 5.71 min Scan# 910
Delta R.T. -0.04 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 83 Resp: 2572791
Ion Ratio Lower Upper
83 100
85 67.6 54.6 81.8

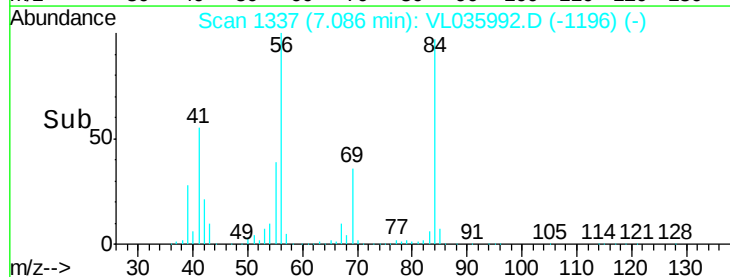
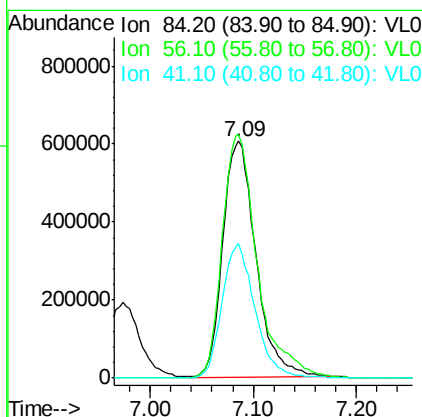
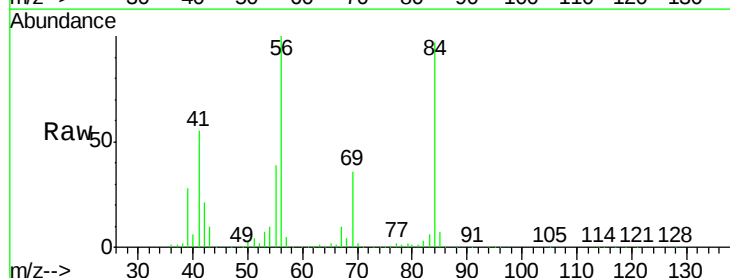
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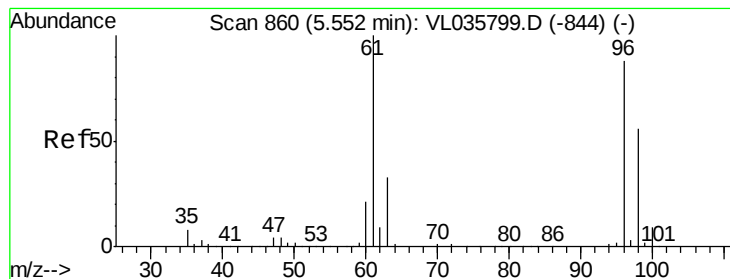
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#30
Cyclohexane
Concen: 9.493 ppbv
RT: 7.09 min Scan# 1337
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 84 Resp: 1363869
Ion Ratio Lower Upper
84 100
56 108.9 86.4 129.6
41 56.4 42.1 63.1





#31

cis-1,2-Dichloroethene

Concen: 9.847 ppbv

RT: 5.51 min Scan# 846

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 61 Resp: 1336212

Ion Ratio Lower Upper

61 100

96 83.2 70.3 105.5

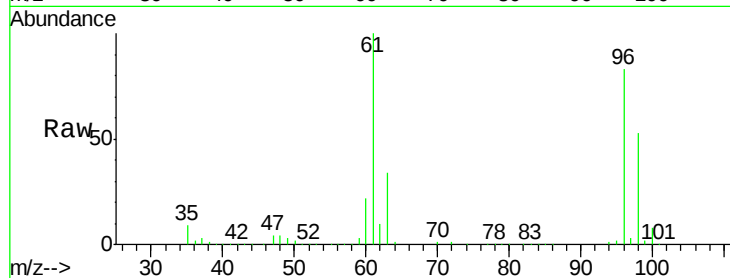
98 52.9 45.0 67.6

Manual Integrations

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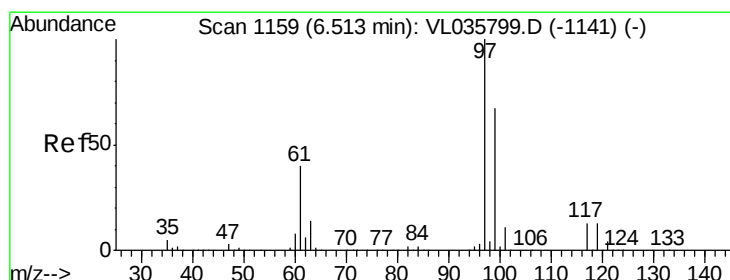
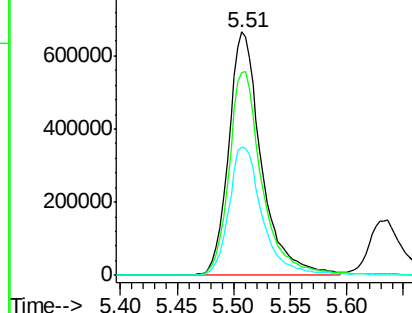
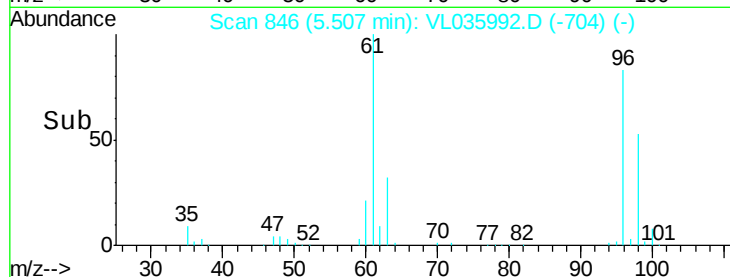
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Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.045 ppbv

RT: 6.47 min Scan# 1145

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

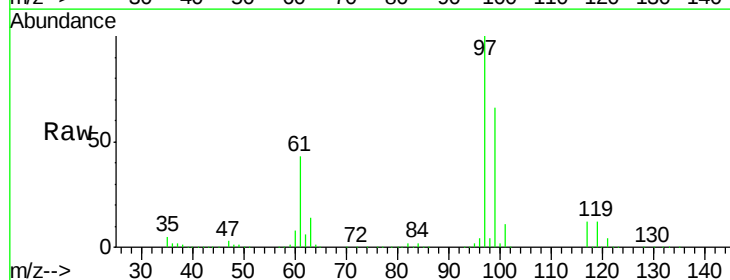
Tgt Ion: 97 Resp: 2447293

Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

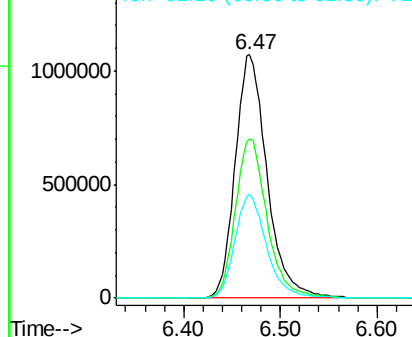
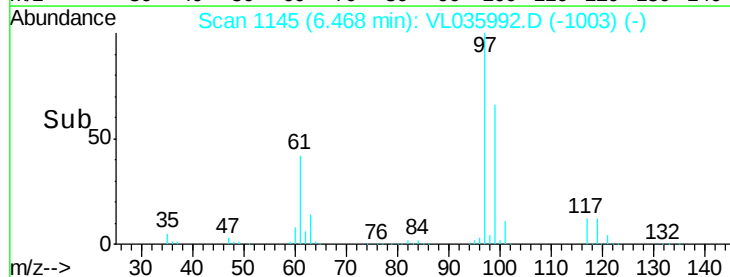
61 42.7 32.0 48.0

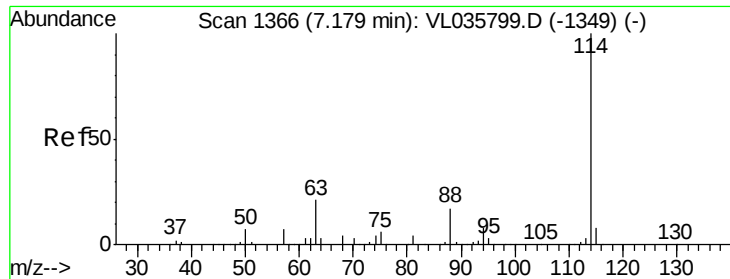


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0





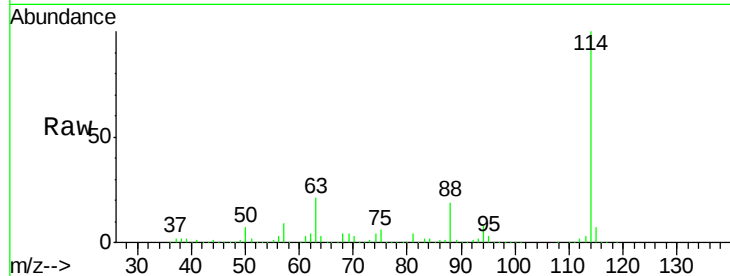
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.13 min Scan# 1352
 Delta R.T. -0.04 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

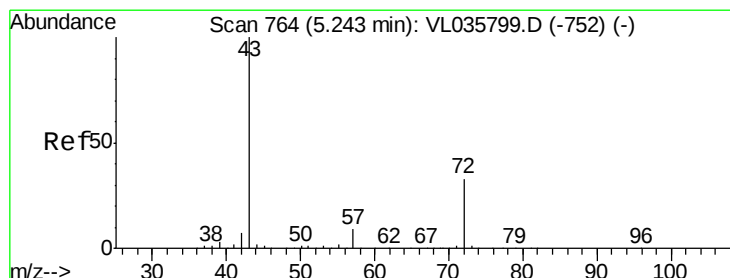
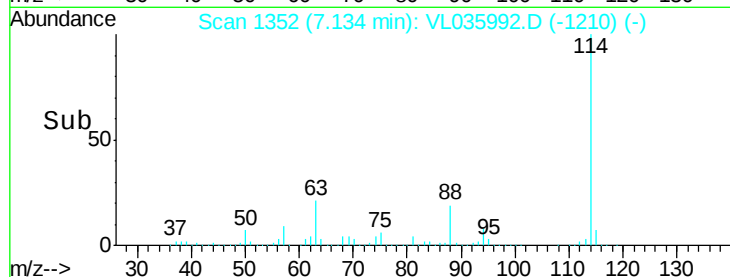
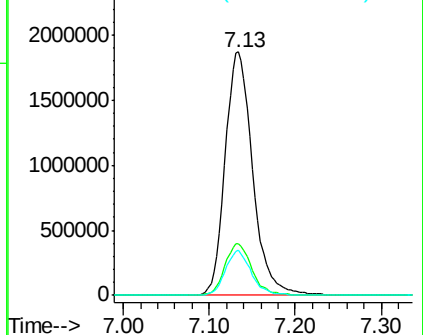
Tot Ion:114 Resp: 4165294
 Ion Ratio Lower Upper
 114 100
 63 21.0 16.1 24.1
 88 17.5 13.7 20.5

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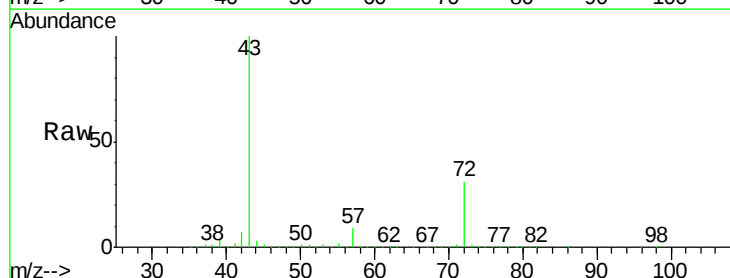


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

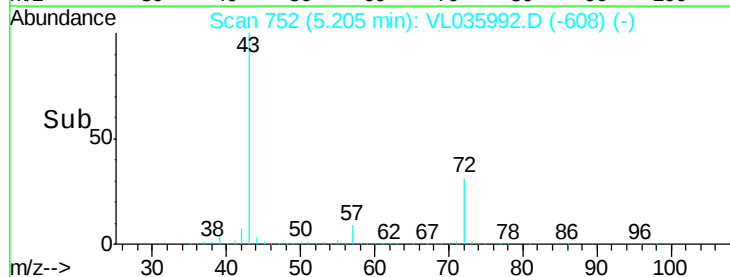
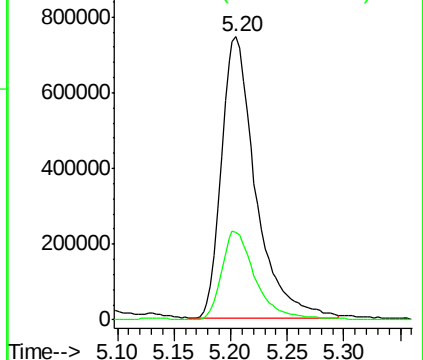


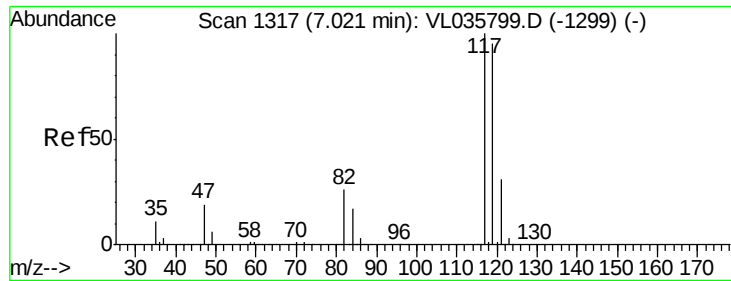
#34
 2-Butanone
 Concen: 11.551 ppbv
 RT: 5.20 min Scan# 752
 Delta R.T. -0.04 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion: 43 Resp: 1561531
 Ion Ratio Lower Upper
 43 100
 72 31.3 26.5 39.7



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





#35

Carbon Tetrachloride

Concen: 11.122 ppbv

RT: 6.97 min Scan# 1302

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:117 Resp: 2475200

Ion Ratio Lower Upper

117 100

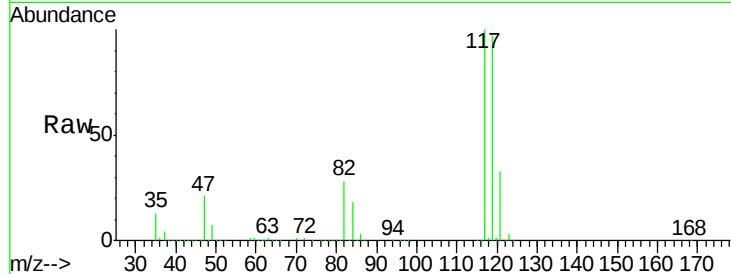
119 97.3 75.6 113.4

121 32.7 25.1 37.7

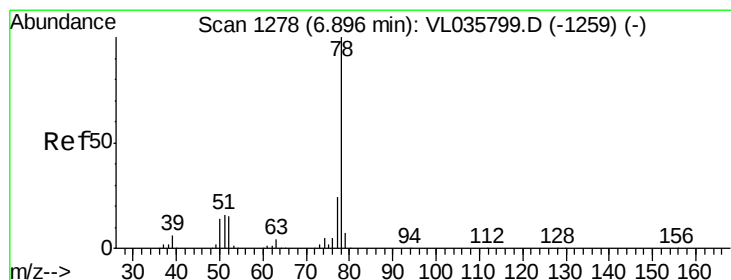
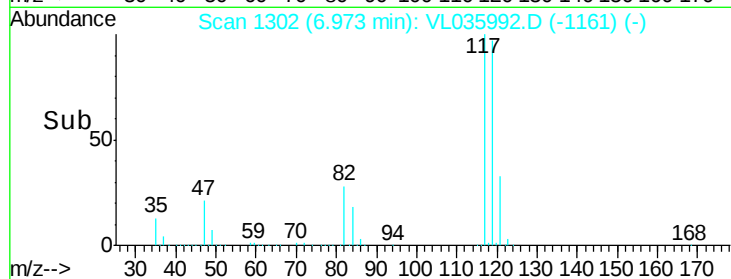
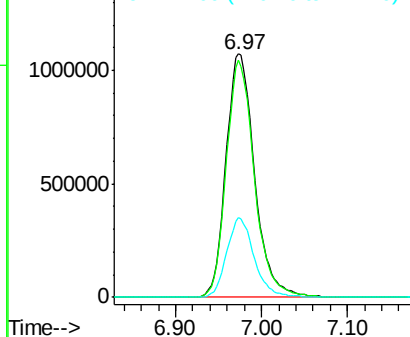
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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.330 ppbv

RT: 6.85 min Scan# 1263

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

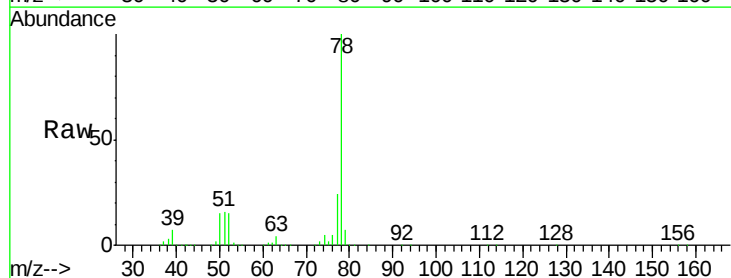
Tgt Ion: 78 Resp: 3198711

Ion Ratio Lower Upper

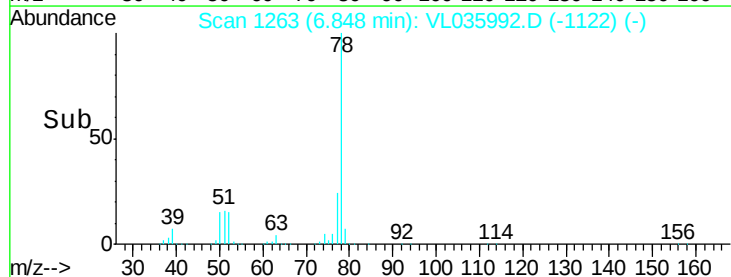
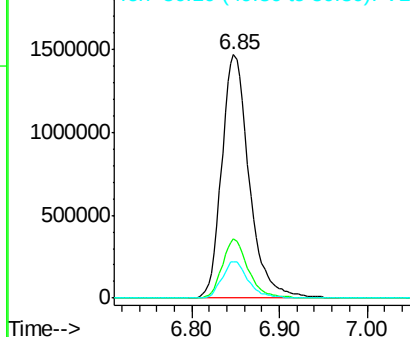
78 100

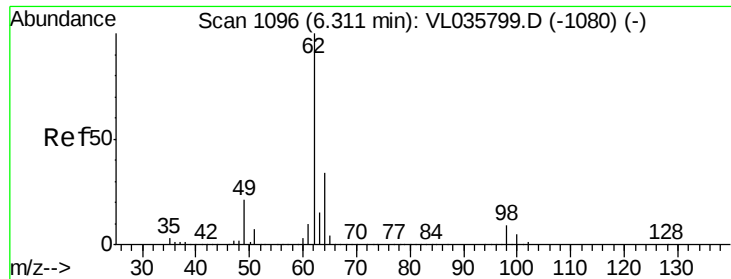
77 24.2 19.3 28.9

50 15.0 11.4 17.2



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





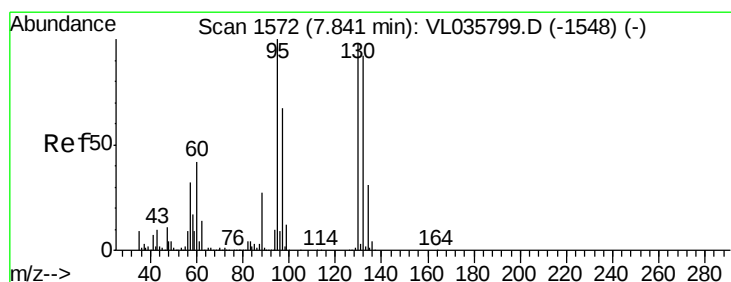
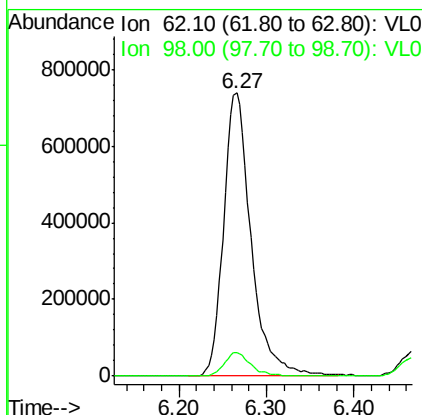
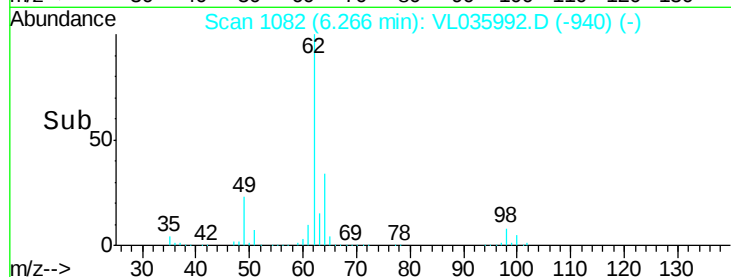
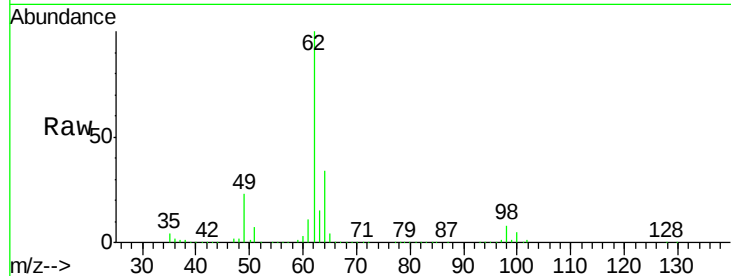
#37
 1,2-Dichloroethane
 Concen: 11.493 ppbv
 RT: 6.27 min Scan# 1082
 Delta R.T. -0.04 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 62 Resp: 1612322
 Ion Ratio Lower Upper
 62 100
 98 8.1 6.9 10.3

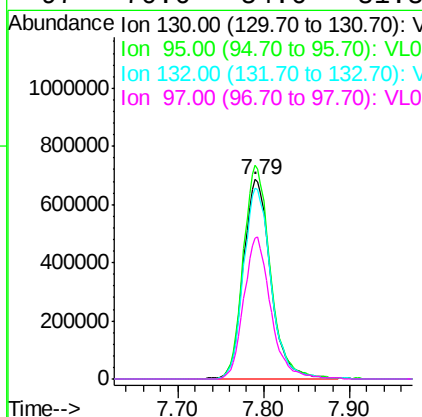
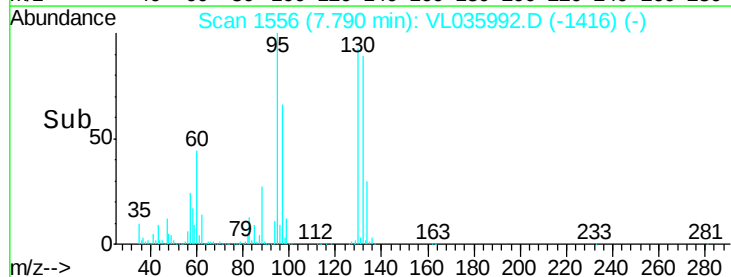
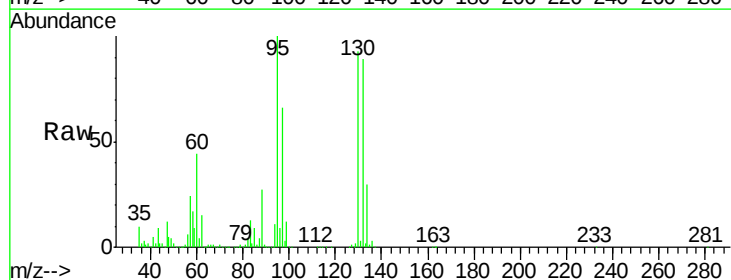
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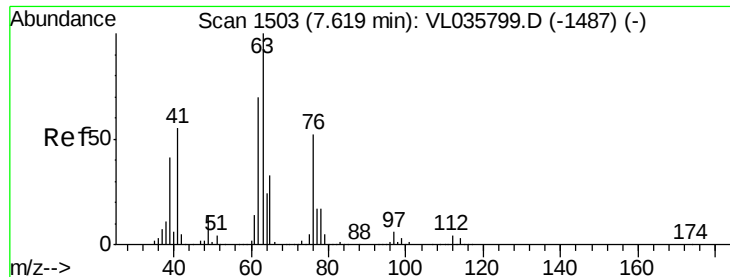
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#38
 Trichloroethene
 Concen: 10.045 ppbv
 RT: 7.79 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion:130 Resp: 1519285
 Ion Ratio Lower Upper
 130 100
 95 107.1 81.6 122.4
 132 95.8 75.1 112.7
 97 70.6 54.6 81.8





#39

1,2-Dichloropropane

Concen: 10.939 ppbv

RT: 7.57 min Scan# 1488

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 63 Resp: 1140401

Ion Ratio Lower Upper

63 100

41 58.2 43.8 65.6

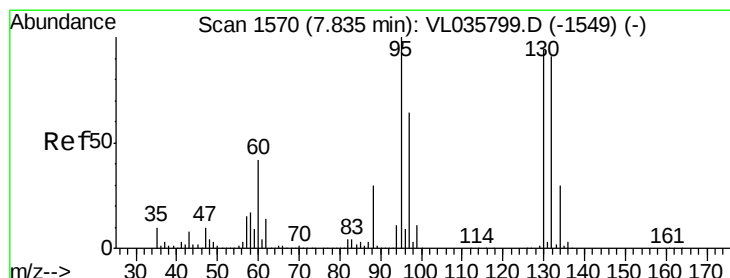
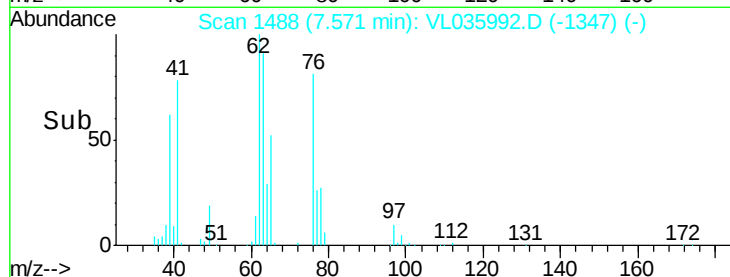
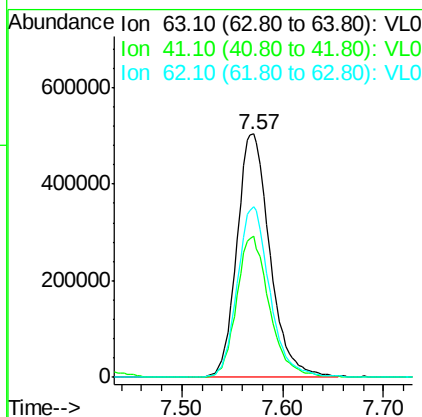
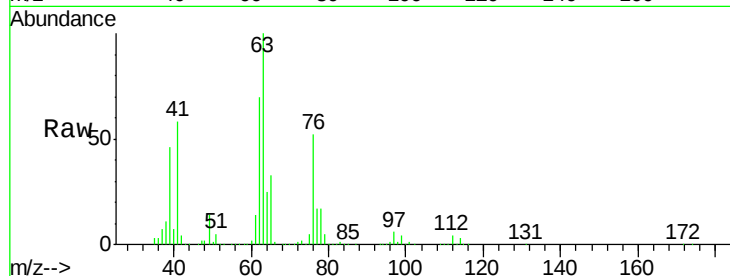
62 70.2 56.2 84.2

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#40

1,4-Dioxane

Concen: 11.225 ppbv

RT: 7.79 min Scan# 1555

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Tgt Ion: 88 Resp: 554661

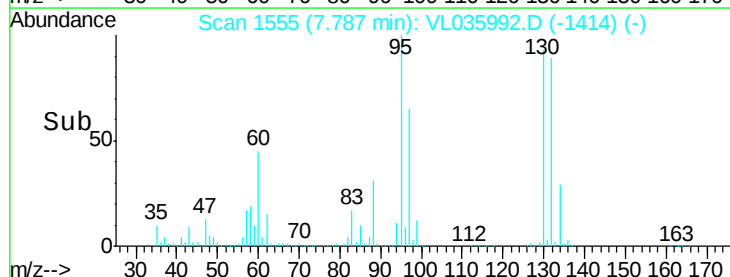
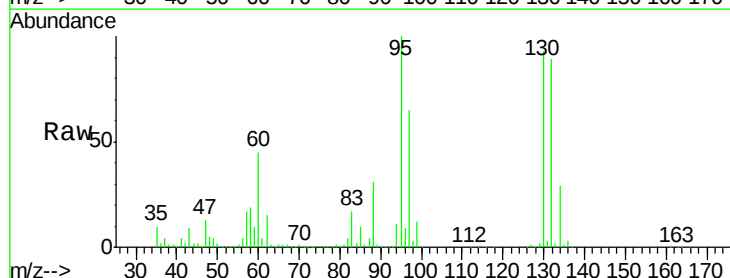
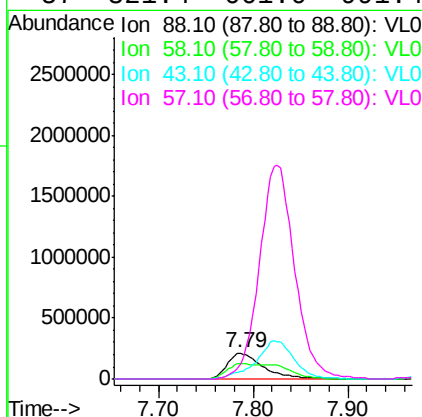
Ion Ratio Lower Upper

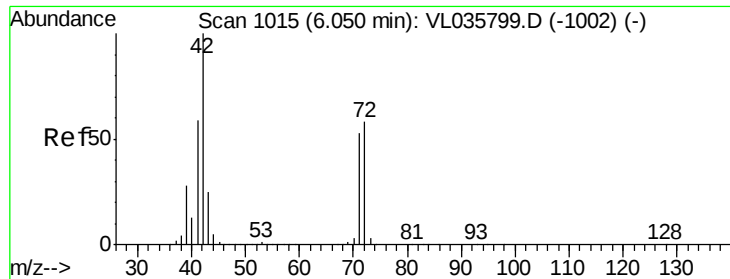
88 100

58 98.1 76.2 114.2

43 158.1 123.1 184.7

57 821.4 661.0 991.4





#41

Tetrahydrofuran

Concen: 11.692 ppbv

RT: 6.01 min Scan# 1001

Delta R.T. -0.04 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

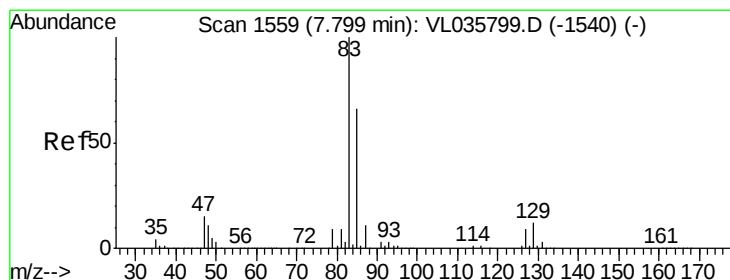
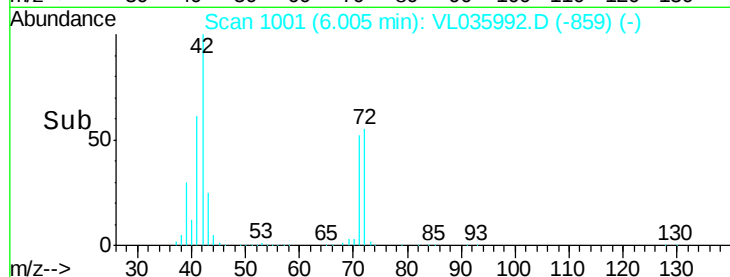
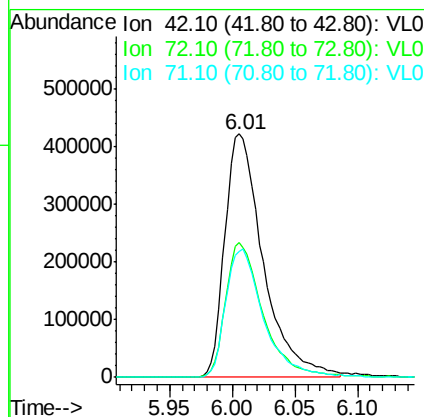
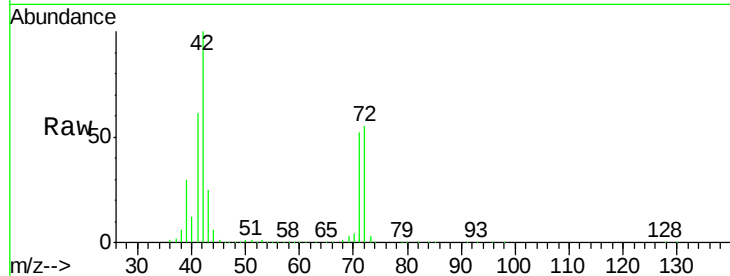
ClientSampleId :

VSTDCCC010EC

Tot Ion:	42	Resp:	897974
Ion	Ratio	Lower	Upper
42	100		
72	54.5	45.4	68.0
71	52.5	43.4	65.2

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#42

Bromodichloromethane

Concen: 11.261 ppbv

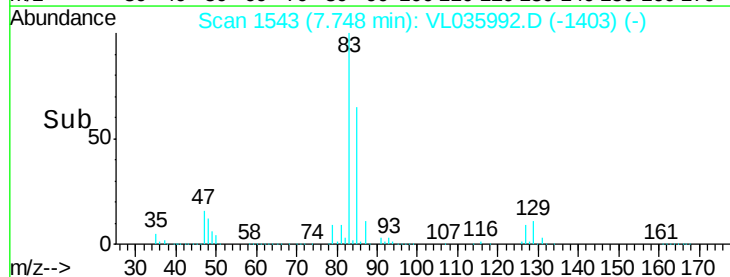
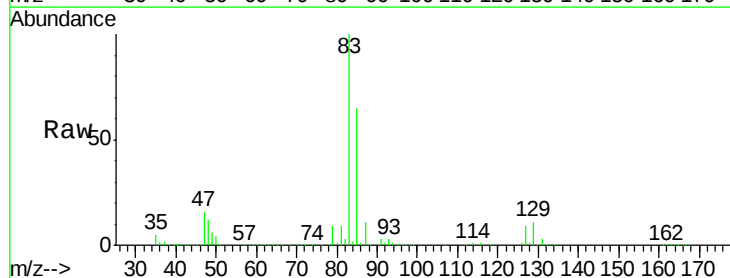
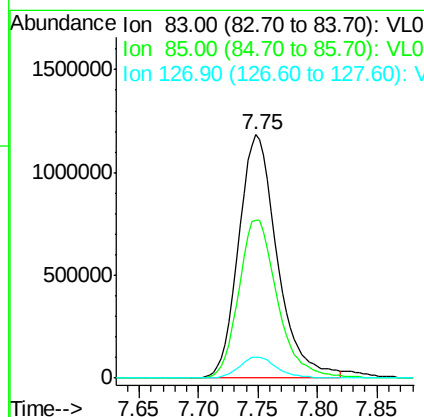
RT: 7.75 min Scan# 1543

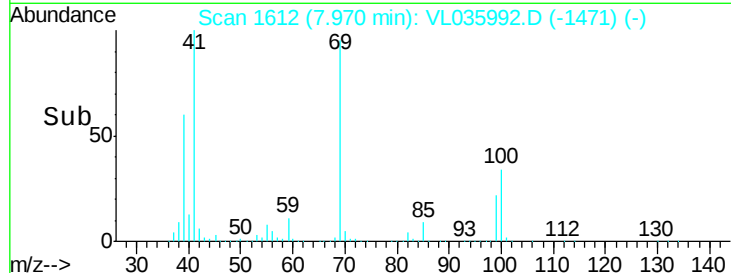
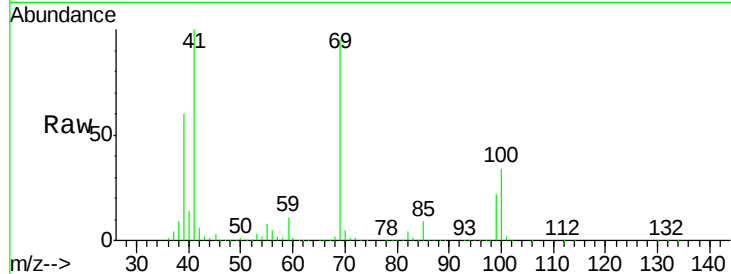
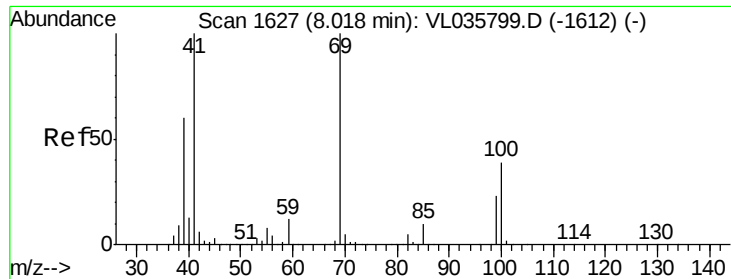
Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Tgt Ion:	83	Resp:	2665608
Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.1	79.7
127	8.8	7.3	10.9





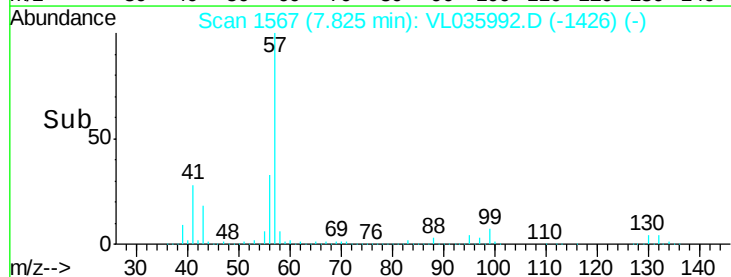
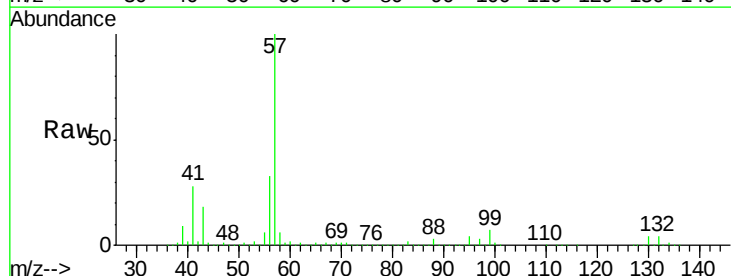
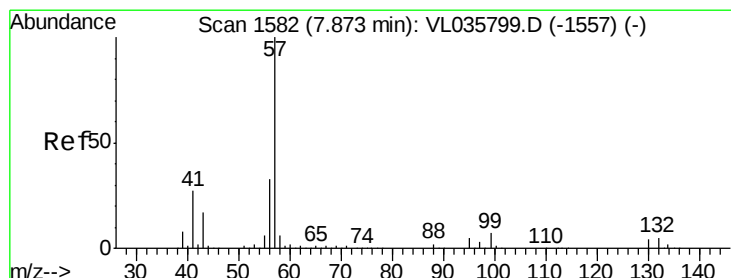
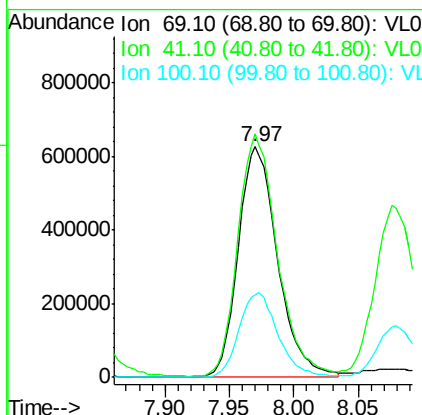
#43
Methyl Methacrylate
Concen: 11.266 ppbv
RT: 7.97 min Scan# 1612
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tot Ion: 69 Resp: 1330677
Ion Ratio Lower Upper
69 100
41 106.0 81.1 121.7
100 36.5 31.0 46.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

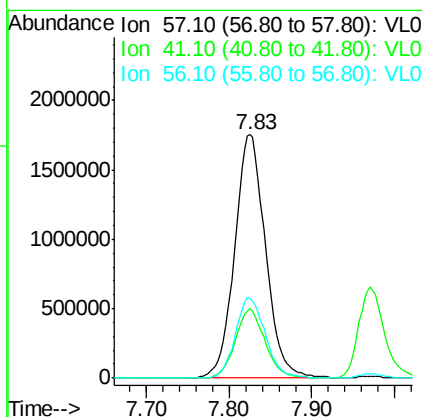
Manual Integrations
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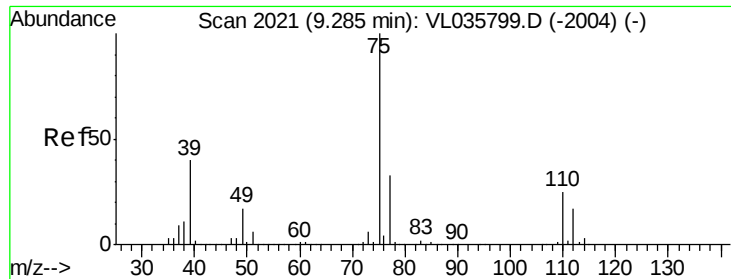
MMDadoda
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#44
2,2,4-Trimethylpentane
Concen: 11.106 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 57 Resp: 4551015
Ion Ratio Lower Upper
57 100
41 27.3 21.0 31.4
56 32.1 25.4 38.0





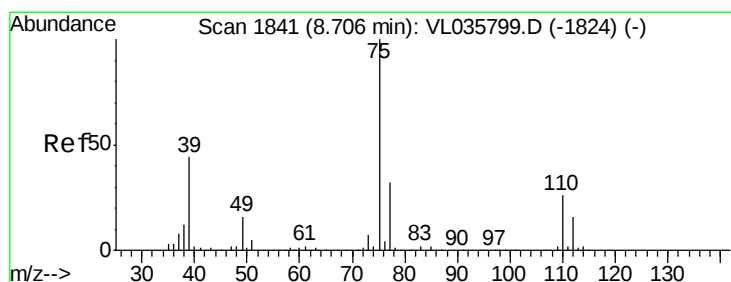
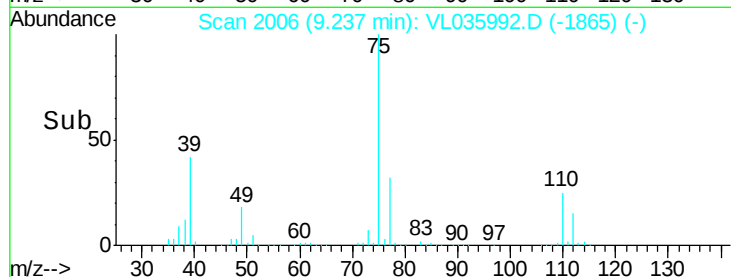
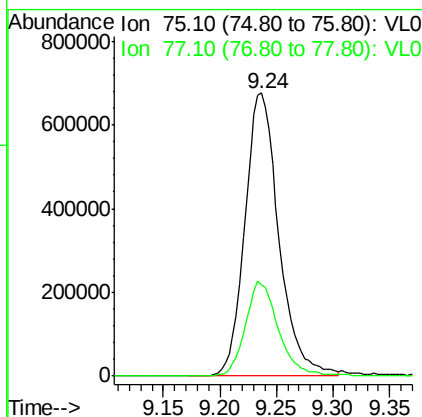
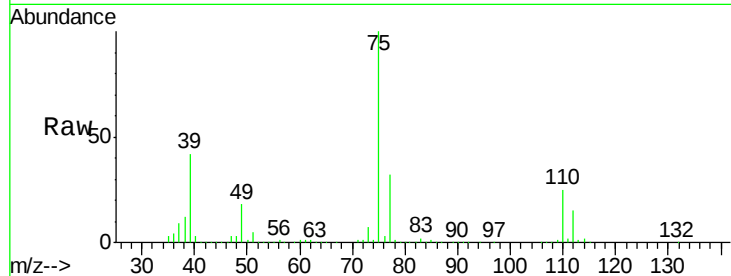
#45
t-1,3-Dichloropropene
Concen: 11.298 ppbv
RT: 9.24 min Scan# 2006
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 75 Resp: 1414626
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6

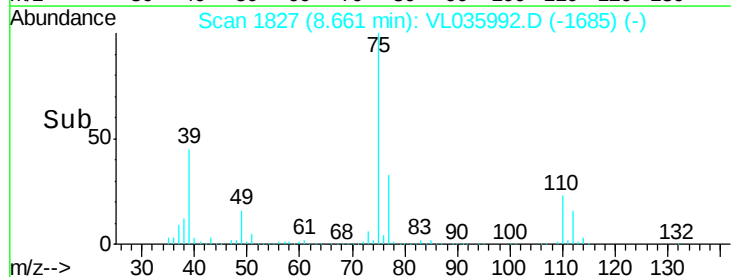
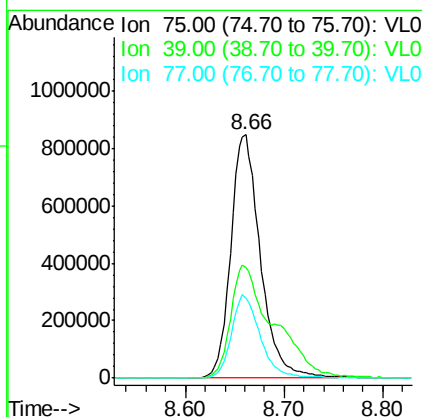
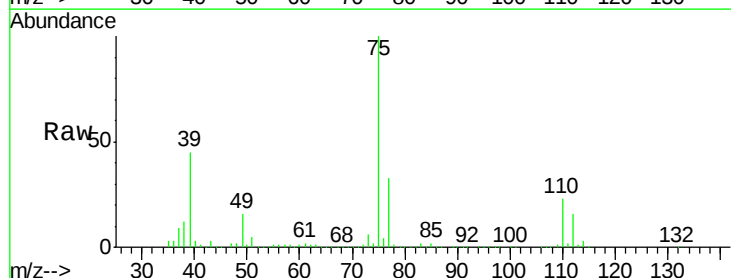
Manual Integrations
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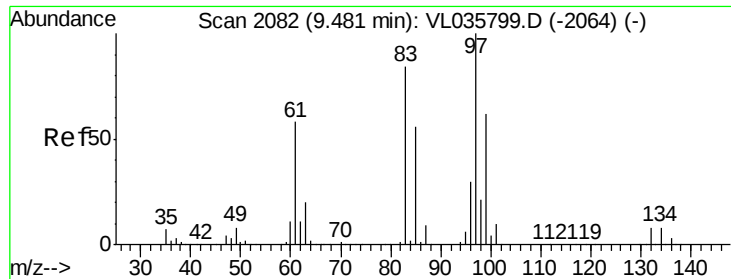
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 11.193 ppbv
RT: 8.66 min Scan# 1827
Delta R.T. -0.04 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 75 Resp: 1774954
Ion Ratio Lower Upper
75 100
39 45.2 35.1 52.7
77 32.8 25.7 38.5





#47
 1,1,2-Trichloroethane
 Concen: 10.695 ppbv
 RT: 9.43 min Scan# 2066
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

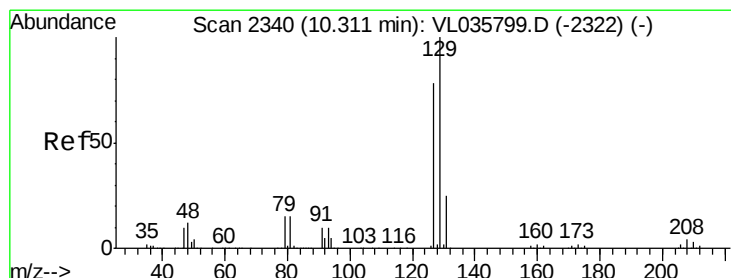
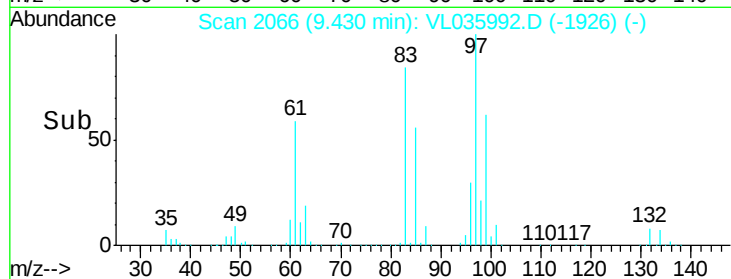
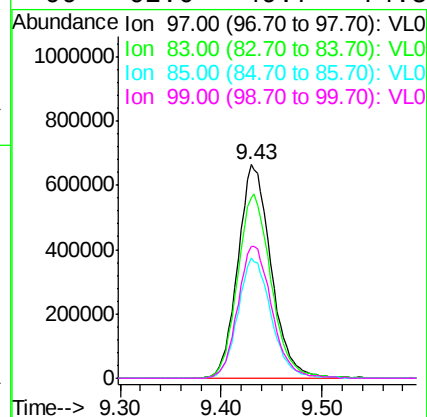
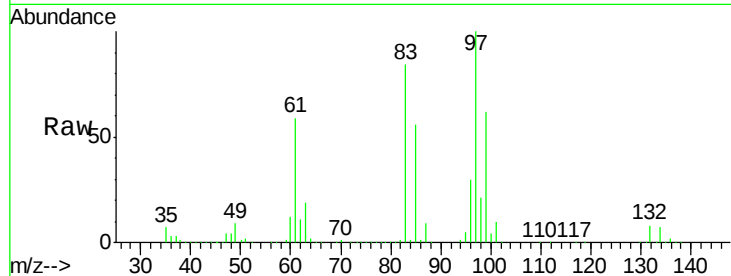
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 97 Resp: 1519301

Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.1	100.7
85	56.1	44.7	67.1
99	62.0	49.7	74.5

Manual Integrations
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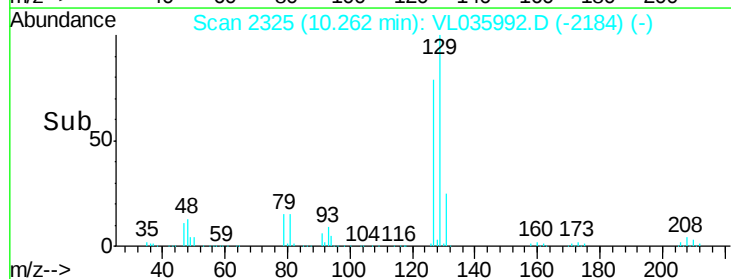
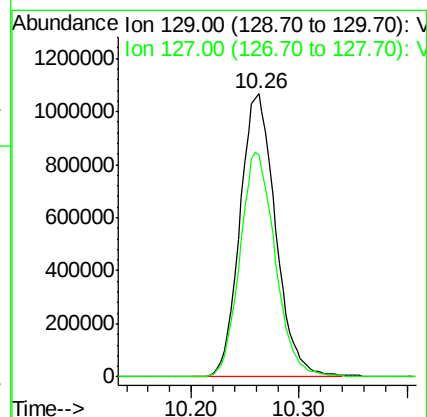
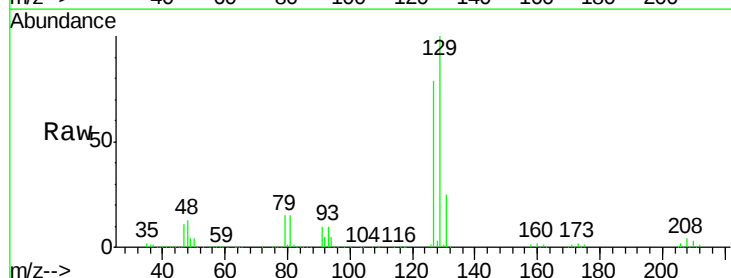
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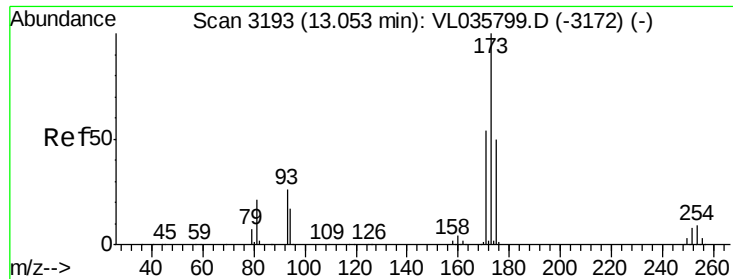


#48
 Dibromochloromethane
 Concen: 11.302 ppbv
 RT: 10.26 min Scan# 2325
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion: 129 Resp: 2452705

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.2	117.6





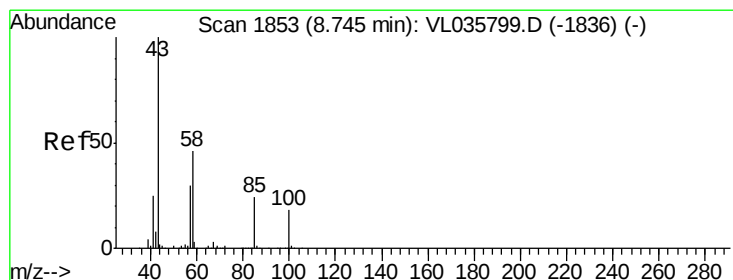
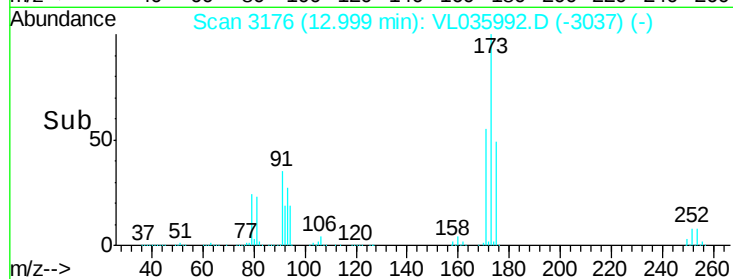
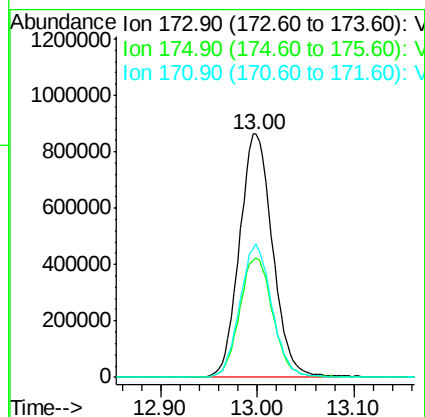
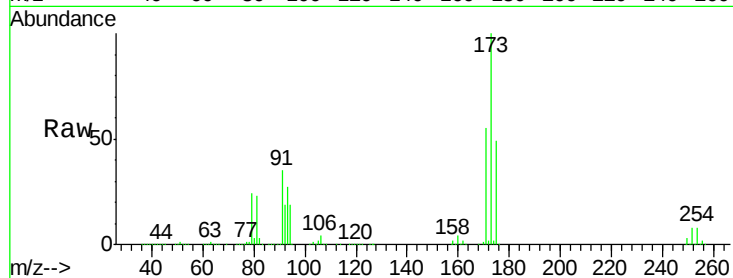
#49
Bromoform
Concen: 11.243 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	40.1	60.1
171	53.4	42.6	63.8

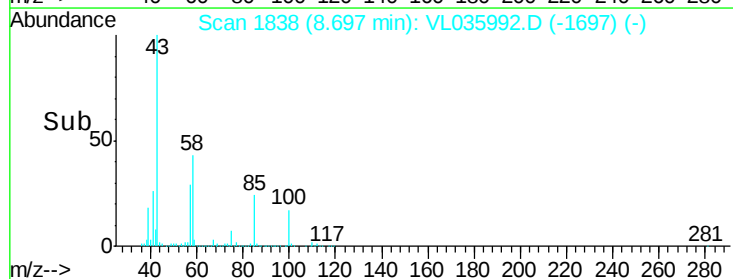
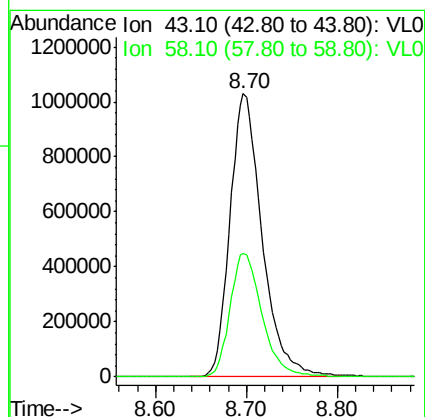
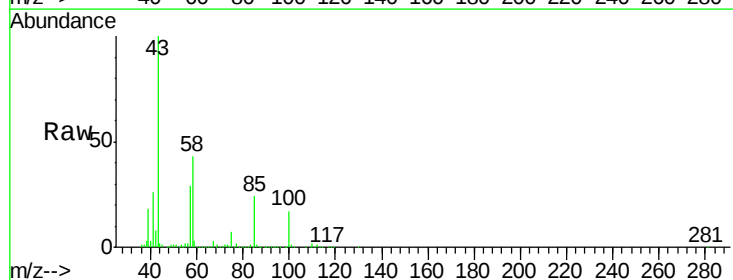
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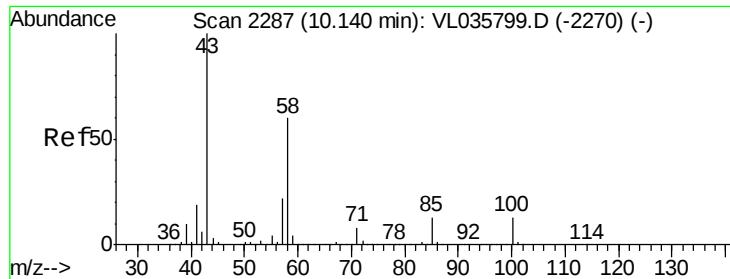
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#50
4-Methyl-2-Pentanone
Concen: 12.214 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.6	36.0	54.0





#51

2-Hexanone

Concen: 12.593 ppbv

RT: 10.09 min Scan# 2272

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 2091082

Ion Ratio Lower Upper

43 100

58 58.2 48.3 72.5

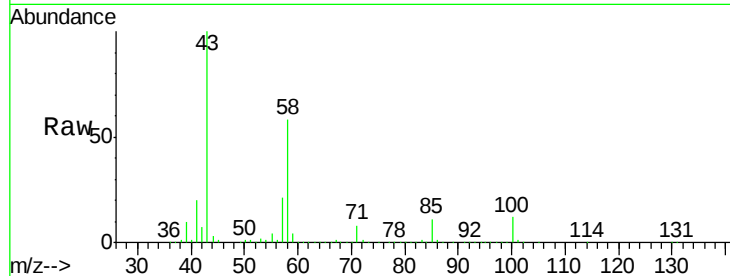
98 0.9 0.6 0.8#

Manual Integrations

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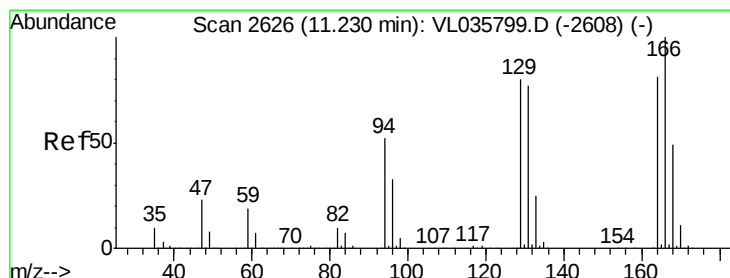
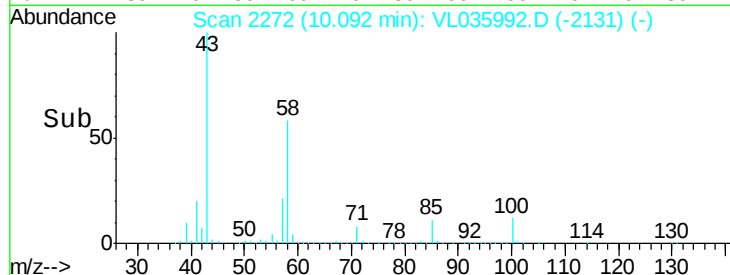
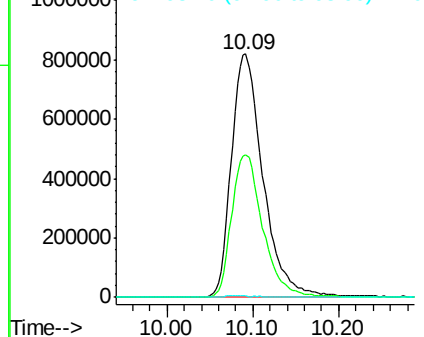


Abundance

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: 9.154 ppbv

RT: 11.18 min Scan# 2610

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Tgt Ion:164 Resp: 1343016

Ion Ratio Lower Upper

164 100

166 124.1 99.3 148.9

129 104.5 79.3 118.9

131 97.6 76.5 114.7

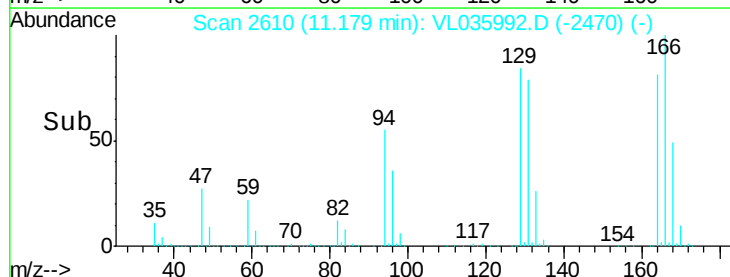
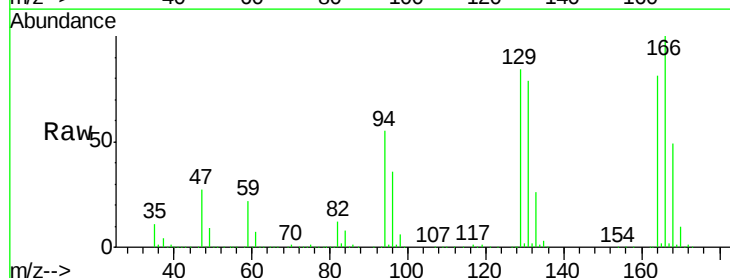
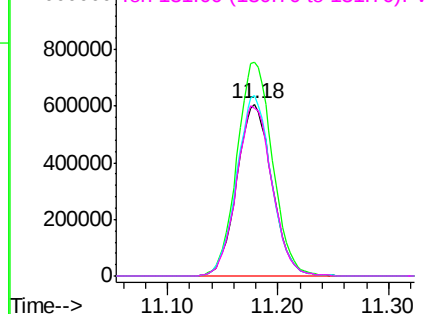
Abundance

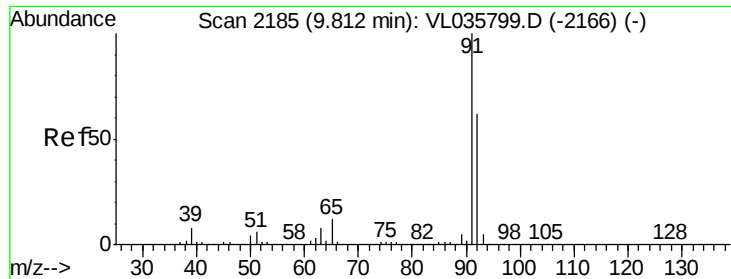
Ion 163.90 (163.60 to 164.60): V

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





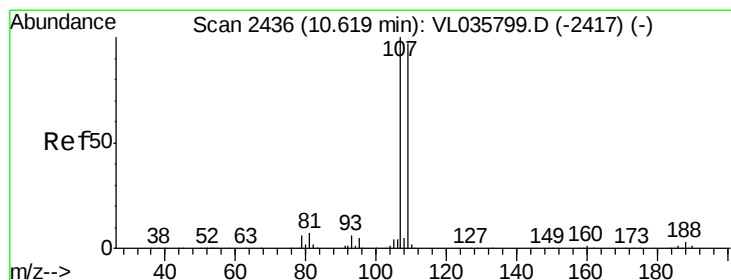
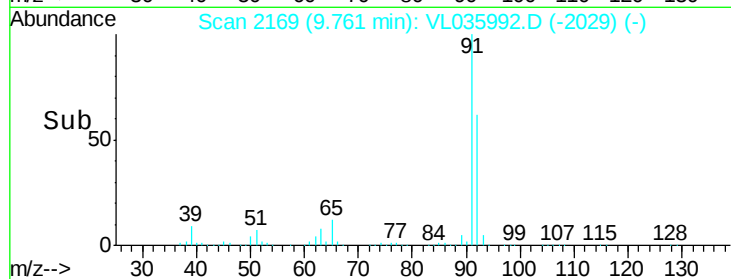
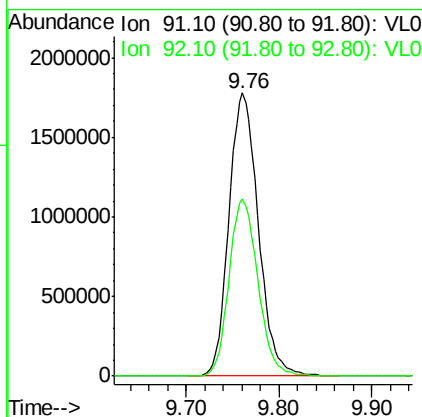
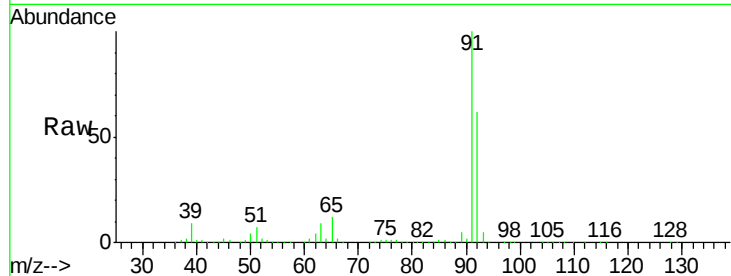
#53
Toluene
Concen: 10.493 ppbv
RT: 9.76 min Scan# 2169
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 3920807
Ion Ratio Lower Upper
91 100
92 61.7 49.8 74.6

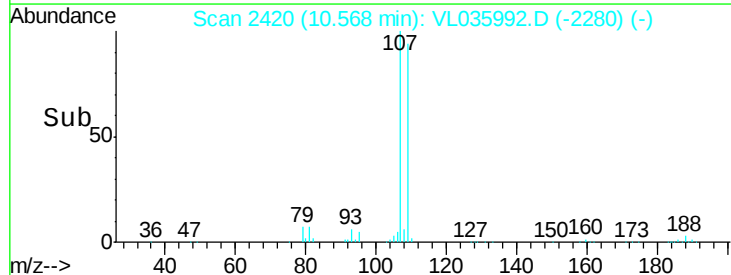
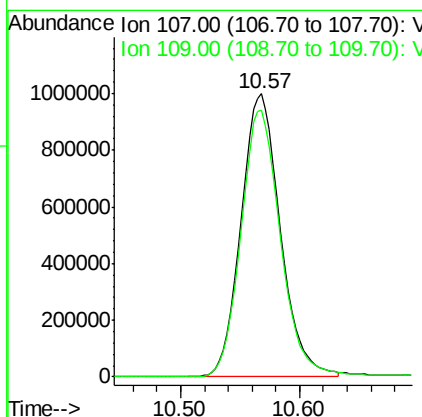
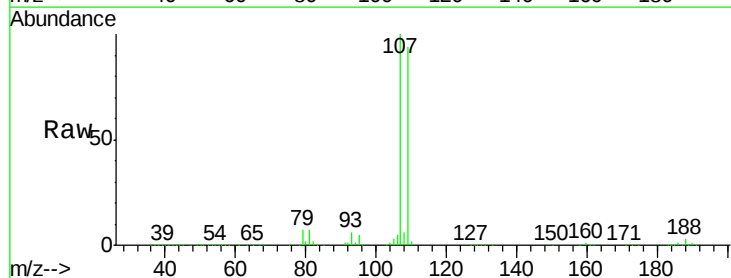
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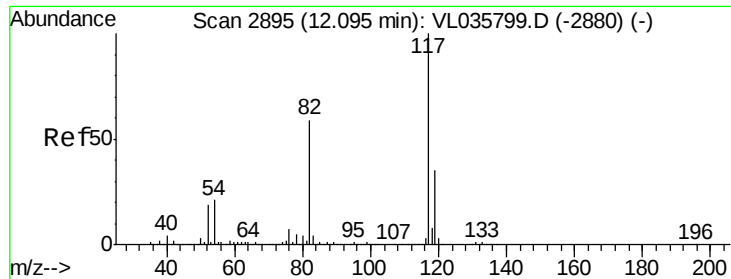
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#54
1,2-Dibromoethane
Concen: 10.570 ppbv
RT: 10.57 min Scan# 2420
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 107 Resp: 2283536
Ion Ratio Lower Upper
107 100
109 94.1 77.2 115.8





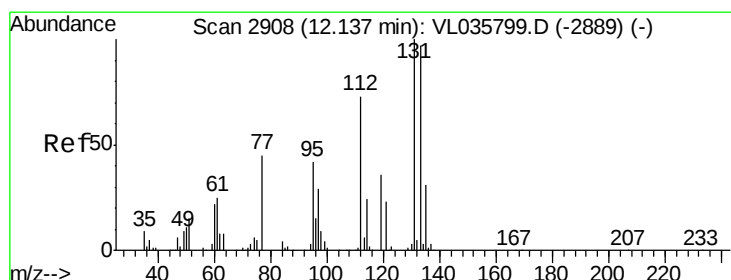
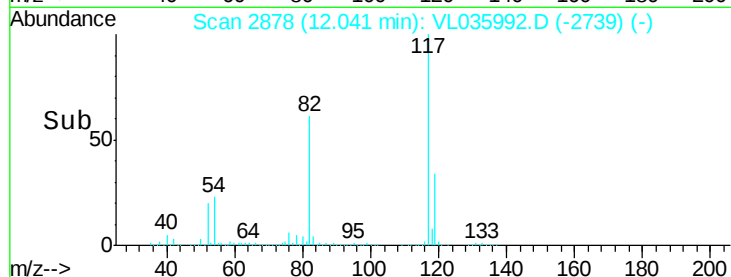
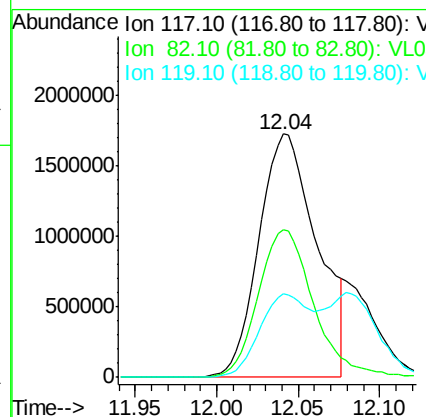
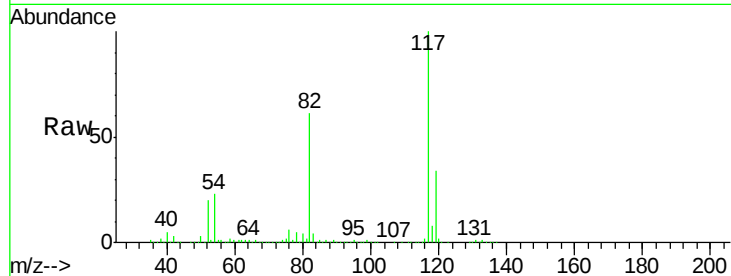
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.04 min Scan# 2878
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:117 Resp: 4265585
Ion Ratio Lower Upper
117 100
82 58.3 50.6 76.0
119 31.6 52.6 78.8#

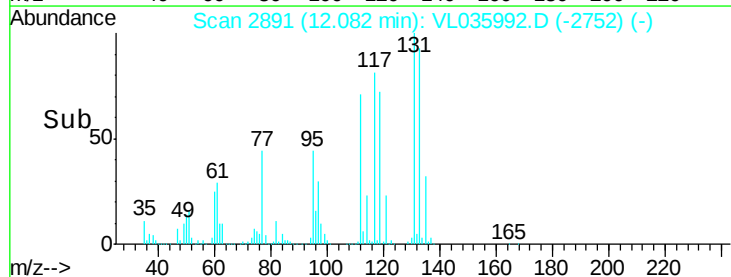
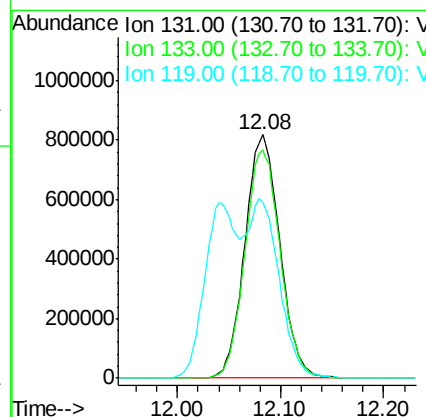
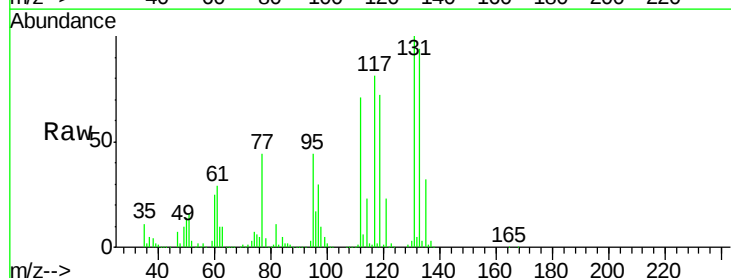
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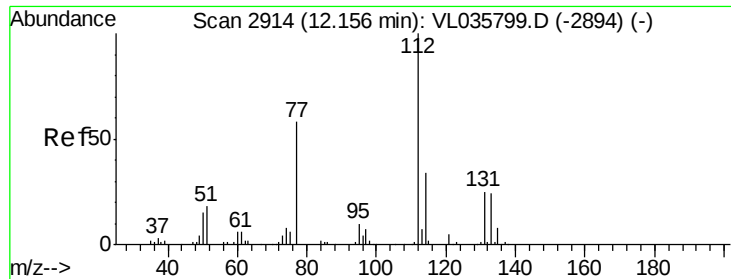
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#56
1,1,1,2-Tetrachloroethane
Concen: 10.042 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion:131 Resp: 1922474
Ion Ratio Lower Upper
131 100
133 95.1 76.8 115.2
119 62.2 47.4 71.0





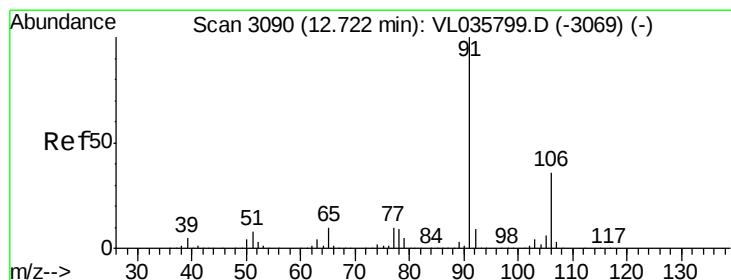
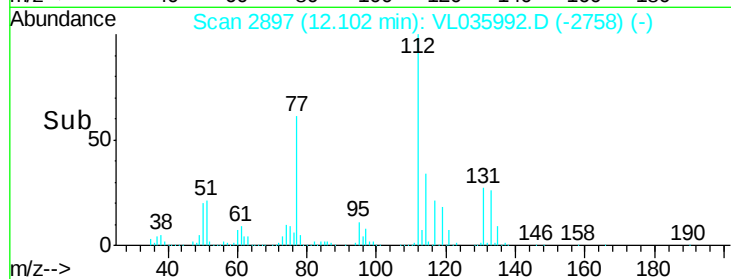
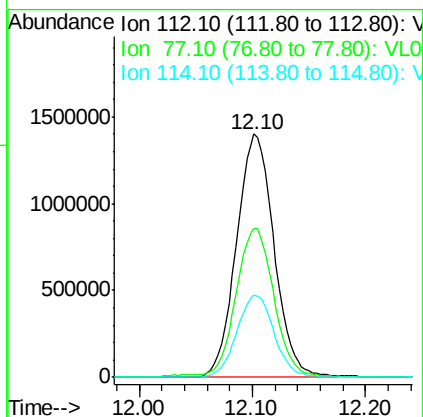
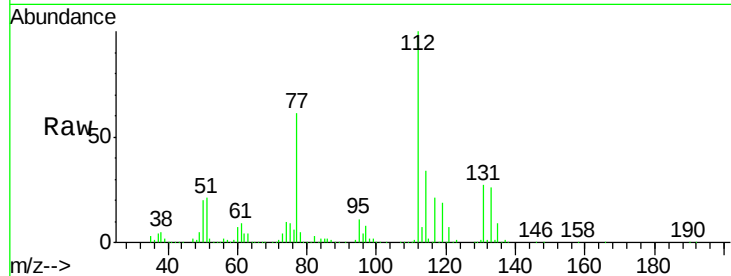
#57
Chlorobenzene
Concen: 9.542 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 112 Resp: 3236203
Ion Ratio Lower Upper
112 100
77 60.4 47.5 71.3
114 33.6 30.3 37.1

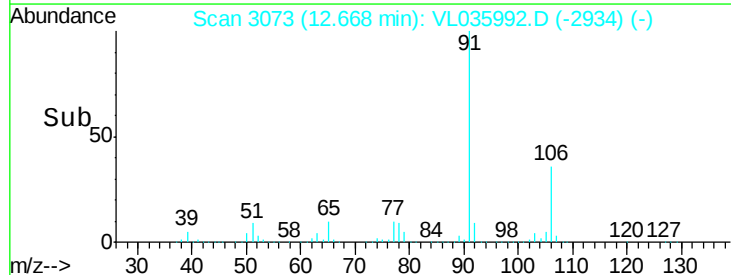
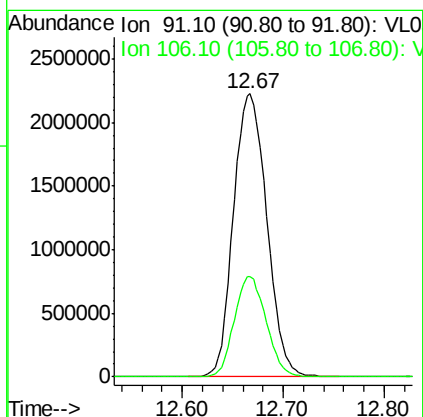
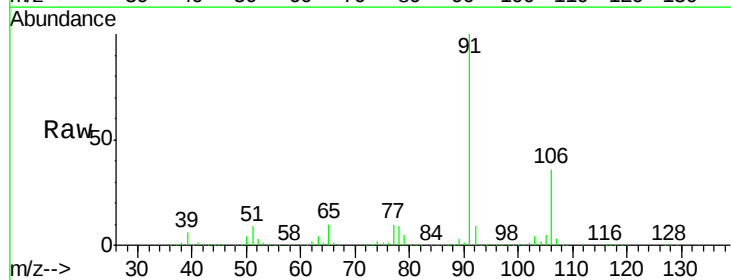
Manual Integrations
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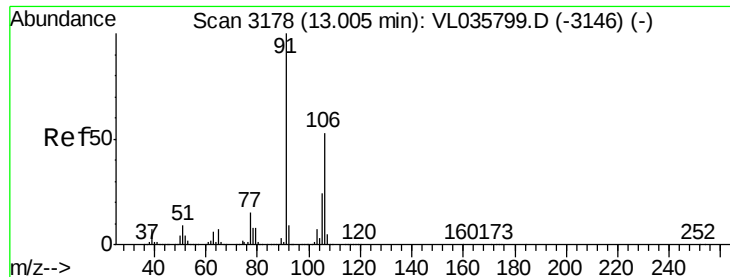
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#58
Ethyl Benzene
Concen: 9.840 ppbv
RT: 12.67 min Scan# 3073
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 91 Resp: 5112007
Ion Ratio Lower Upper
91 100
106 35.5 28.6 43.0





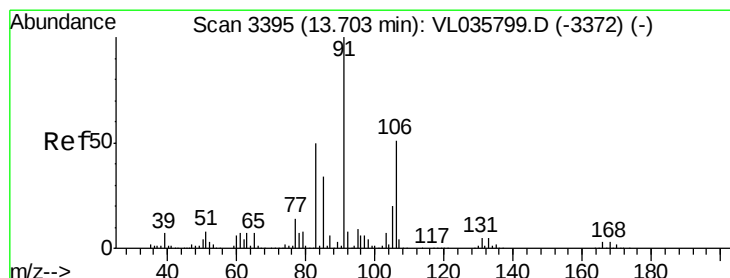
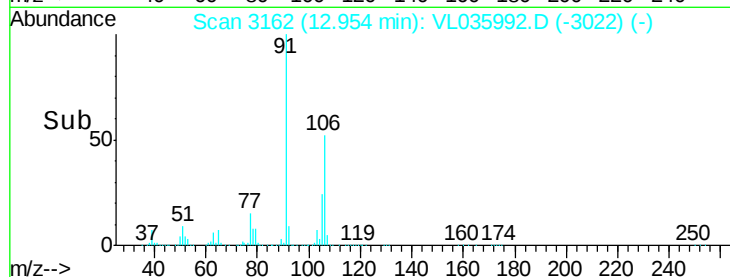
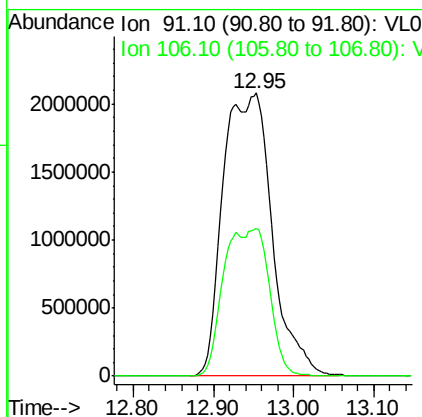
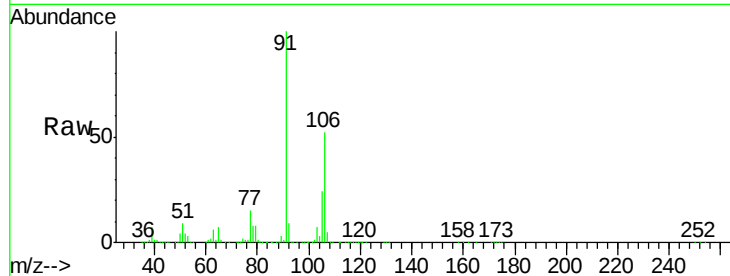
#59
m/p-Xylene
Concen: 20.168 ppbv m
RT: 12.95 min Scan# 3162
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 8864594
Ion Ratio Lower Upper
91 100
106 48.9 39.5 59.3

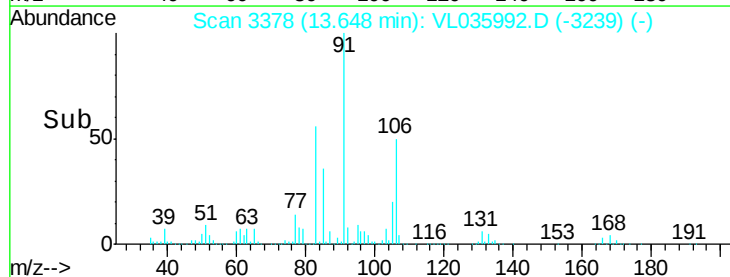
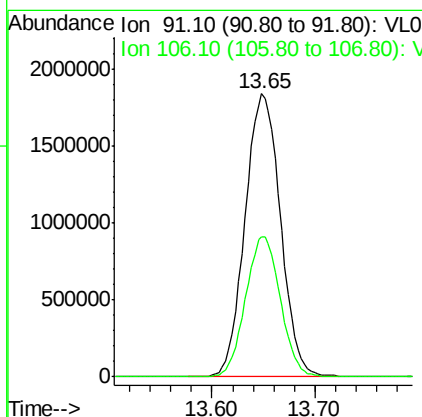
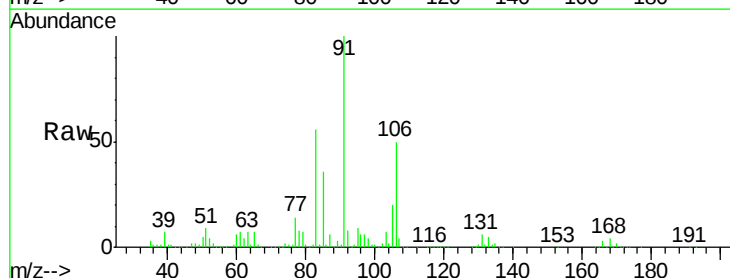
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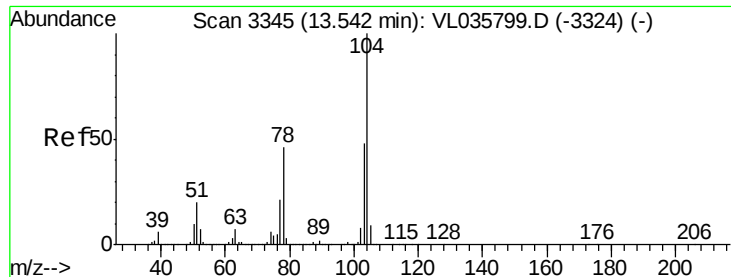
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#60
o-Xylene
Concen: 10.242 ppbv
RT: 13.65 min Scan# 3378
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 91 Resp: 4379476
Ion Ratio Lower Upper
91 100
106 48.9 24.8 74.4





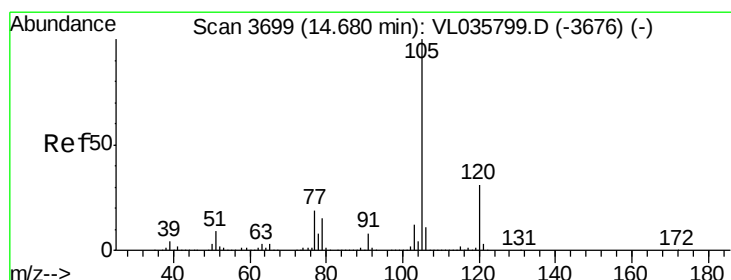
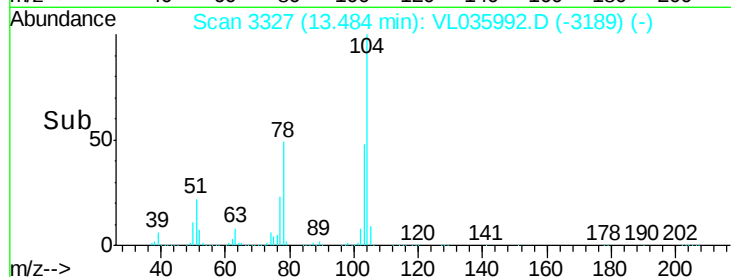
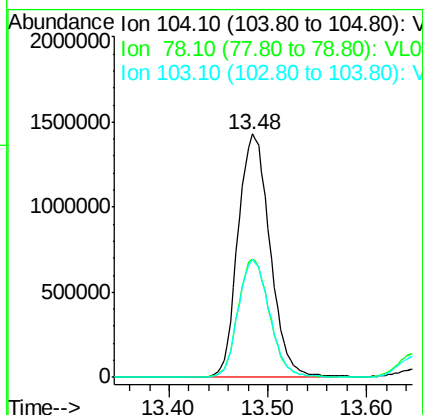
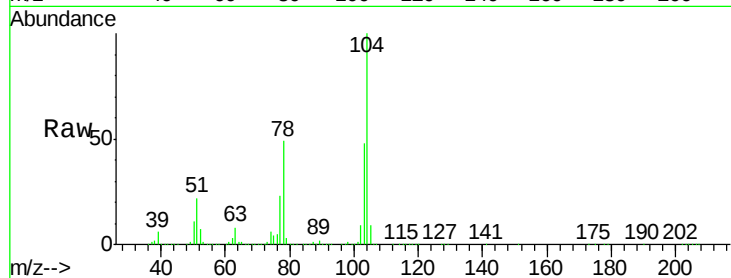
#61
Stvrene
Concen: 10.274 ppbv
RT: 13.48 min Scan# 3327
Delta R.T. -0.06 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.1	37.1	55.7
103	47.5	37.9	56.9

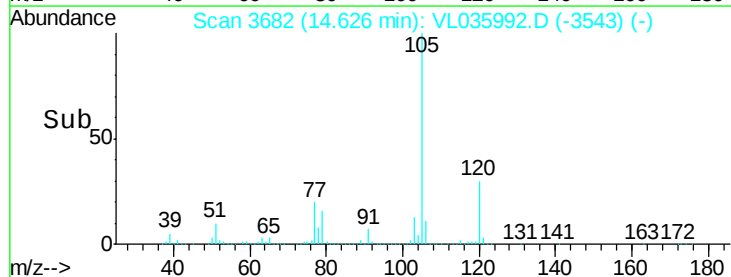
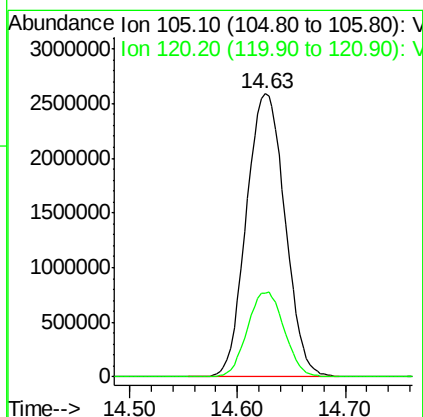
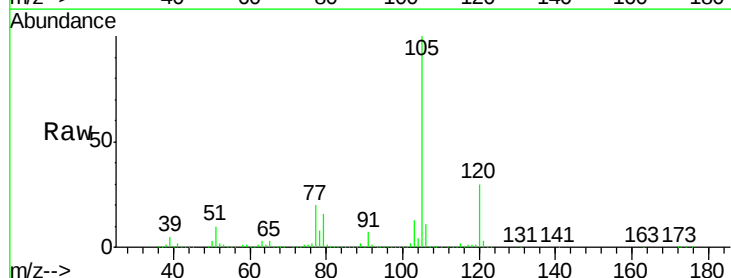
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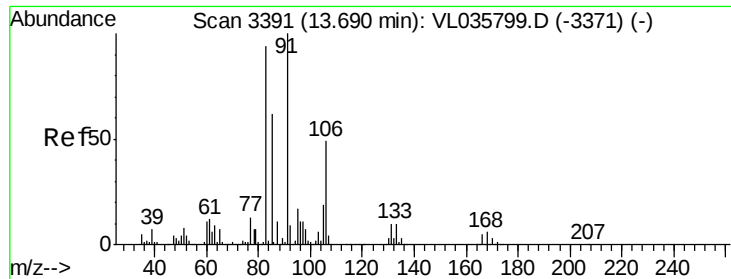
MMDadoda
11/20/2020 12:28:27 PM



#62
Isopropylbenzene
Concen: 9.595 ppbv
RT: 14.63 min Scan# 3682
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.7	23.5	35.3





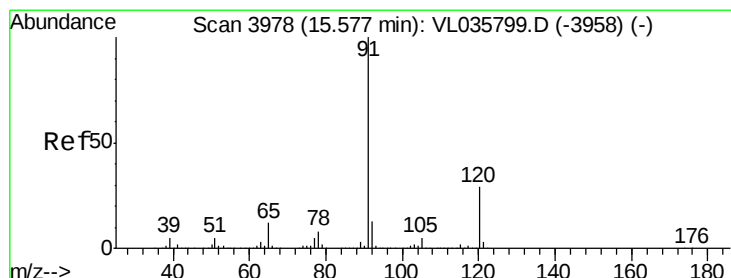
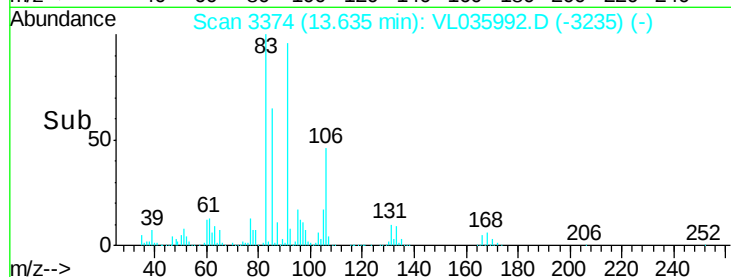
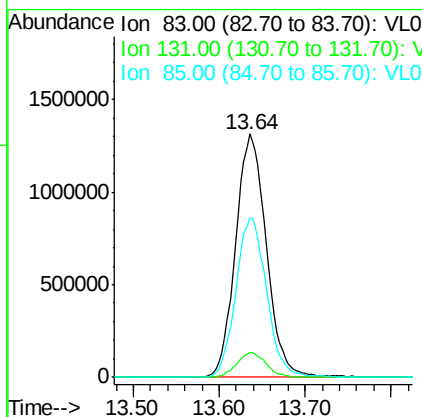
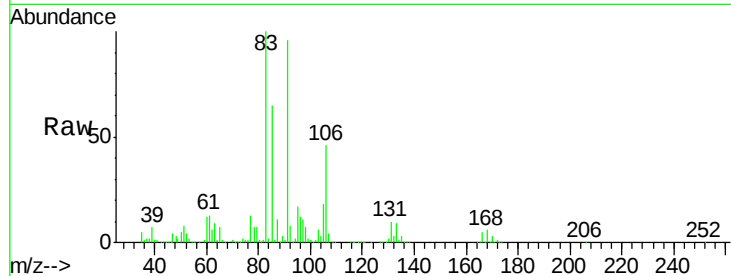
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.849 ppbv
 RT: 13.64 min Scan# 3374
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 83 Resp: 3263108
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.3 15.8
 85 66.1 33.5 100.4

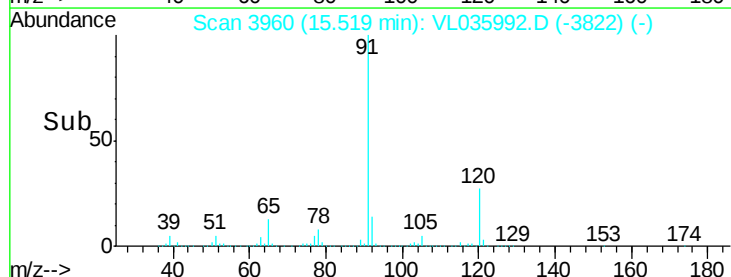
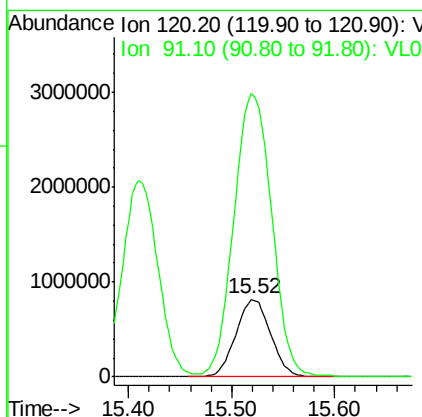
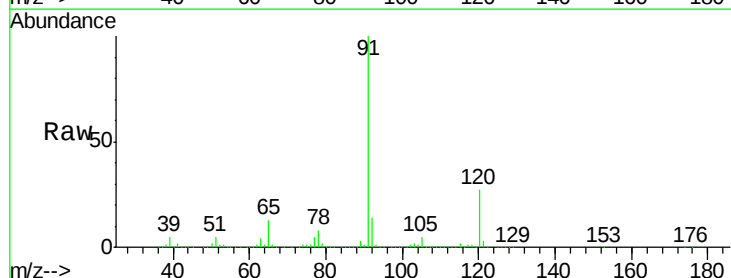
Manual Integrations
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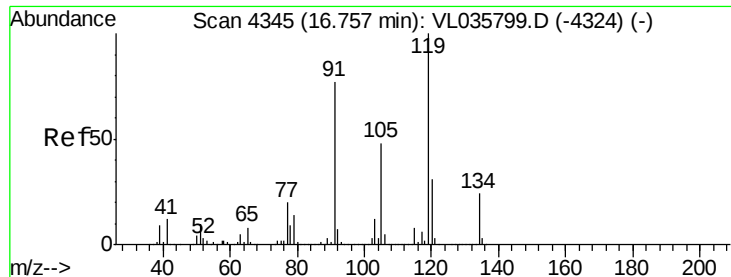
MMDadoda
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#64
 n-propylbenzene
 Concen: 9.856 ppbv
 RT: 15.52 min Scan# 3960
 Delta R.T. -0.06 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion: 120 Resp: 1914654
 Ion Ratio Lower Upper
 120 100
 91 400.3 311.1 466.7





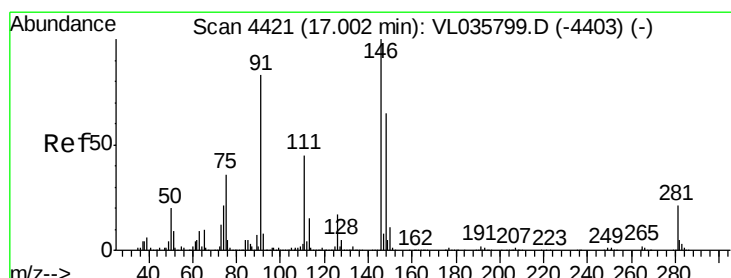
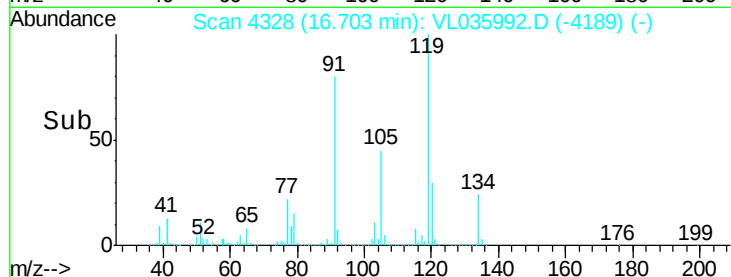
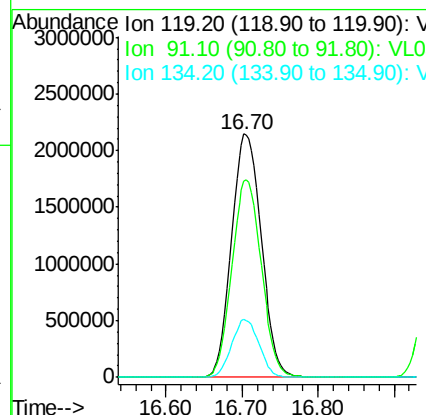
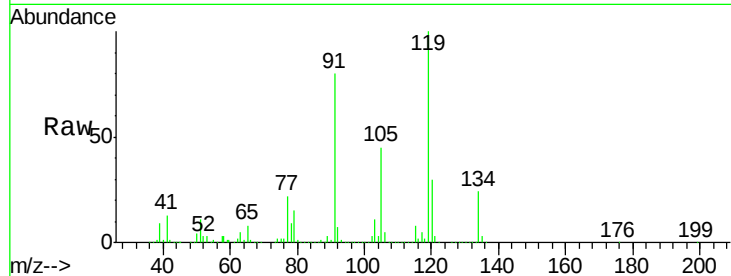
#65
tert-Butylbenzene
Concen: 9.583 ppbv
RT: 16.70 min Scan# 4328
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 119 Resp: 5861976
Ion Ratio Lower Upper
119 100
91 80.1 62.0 93.0
134 21.9 17.8 26.8

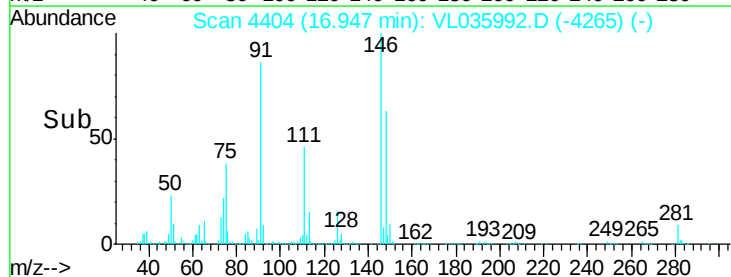
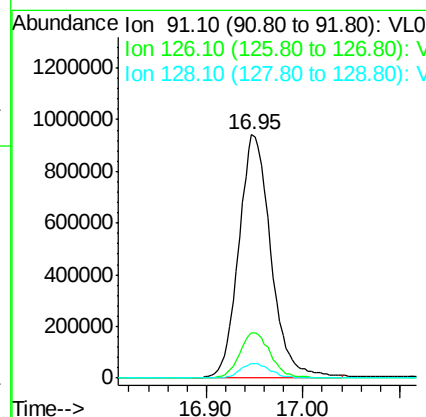
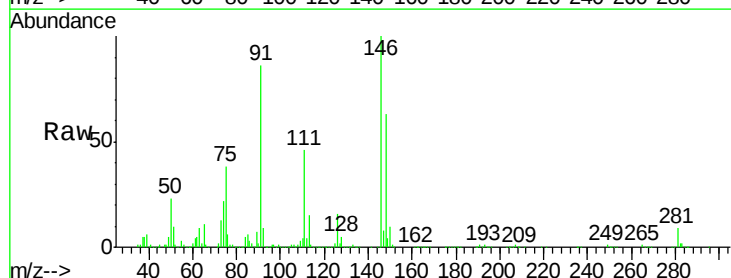
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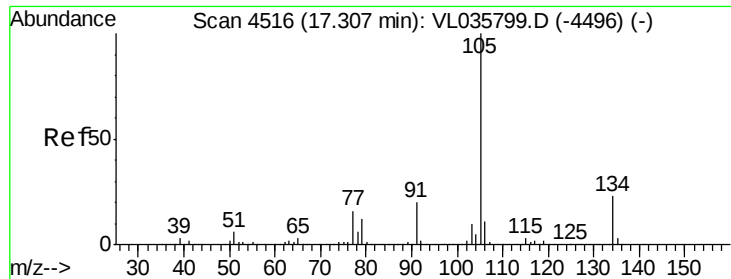
MMDadoda
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#66
Benzyl Chloride
Concen: 10.754 ppbv
RT: 16.95 min Scan# 4404
Delta R.T. -0.05 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion: 91 Resp: 2174437
Ion Ratio Lower Upper
91 100
126 18.1 16.0 24.0
128 5.8 5.0 7.4





#67

sec-Butylbenzene

Concen: 9.619 ppbv

RT: 17.26 min Scan# 4500

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 7929653

Ion Ratio Lower Upper

105 100

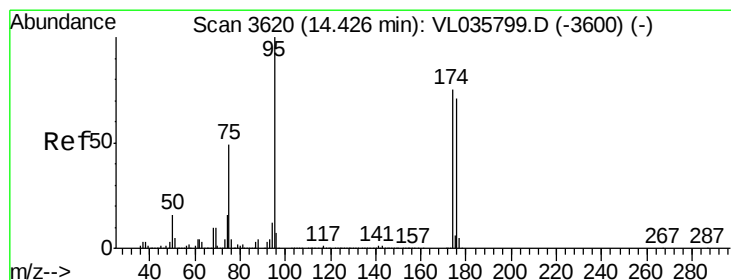
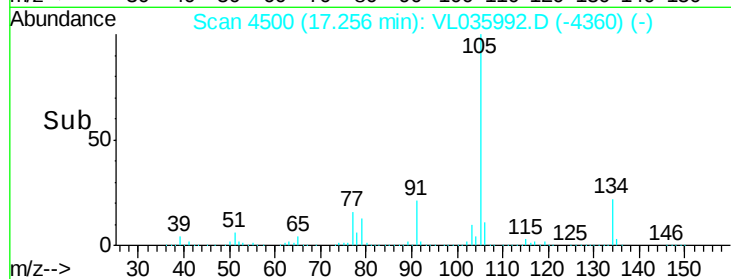
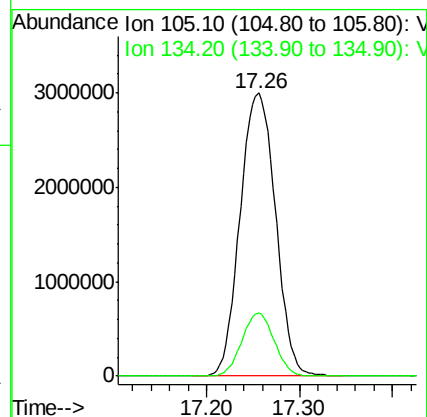
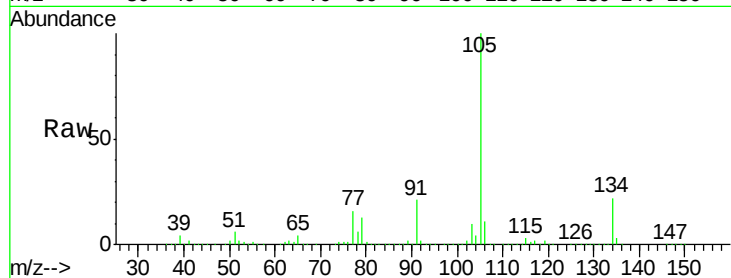
134 20.5 17.0 25.6

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.430 ppbv

RT: 14.37 min Scan# 3603

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

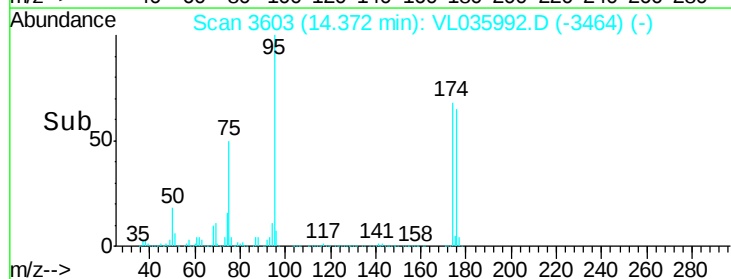
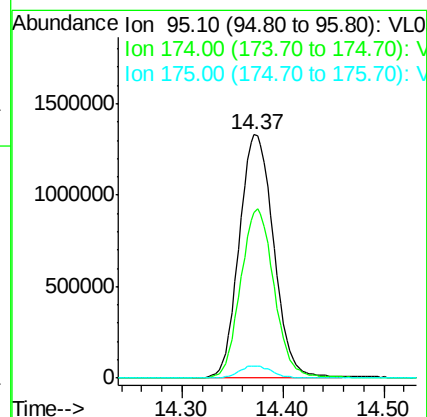
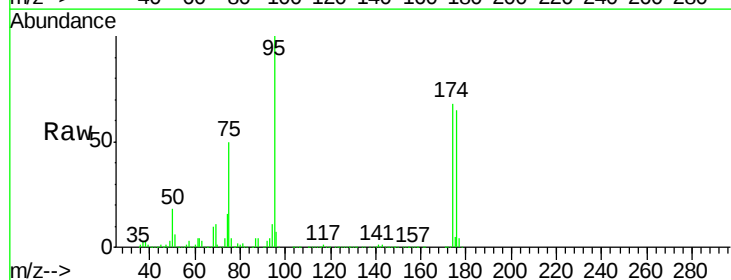
Tgt Ion: 95 Resp: 3160772

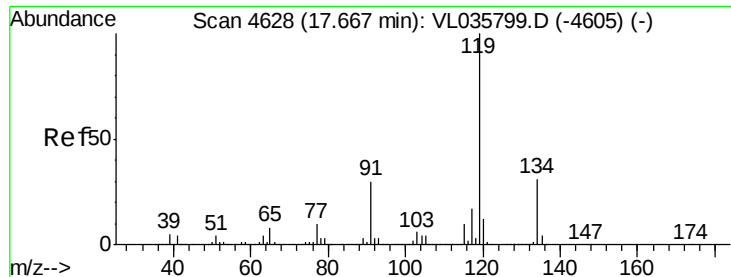
Ion Ratio Lower Upper

95 100

174 68.0 59.8 89.6

175 4.9 4.3 6.5





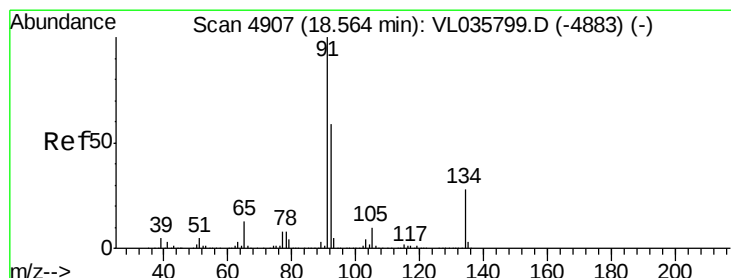
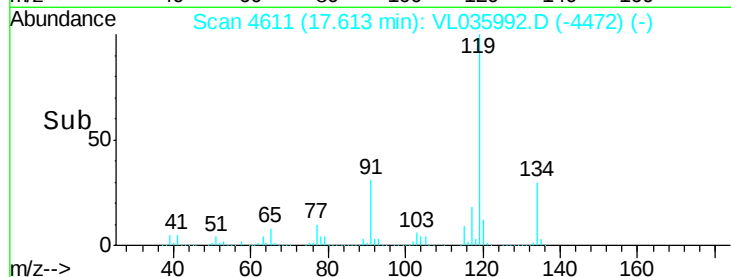
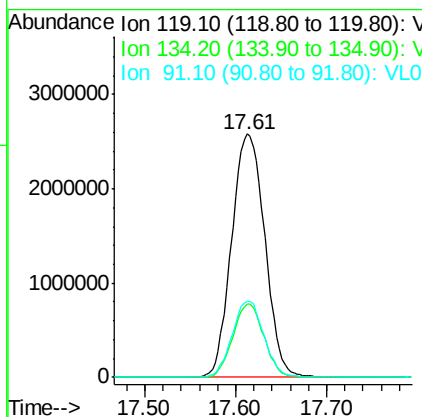
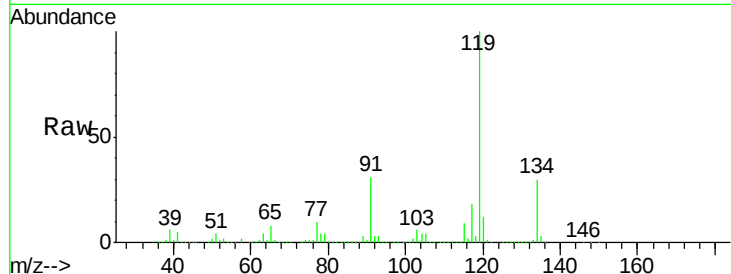
#69
 p-Isopropyltoluene
 Concen: 9.619 ppbv
 RT: 17.61 min Scan# 4611
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 119 Resp: 6543396
 Ion Ratio Lower Upper
 119 100
 134 28.4 23.0 34.6
 91 29.9 22.8 34.2

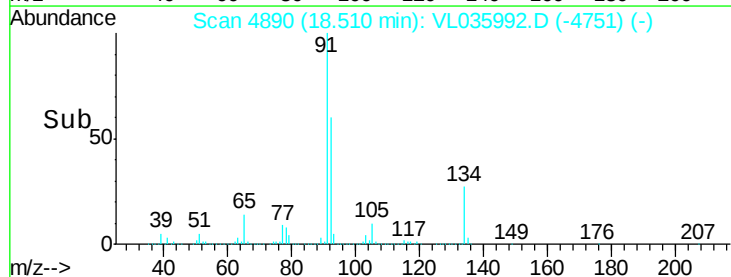
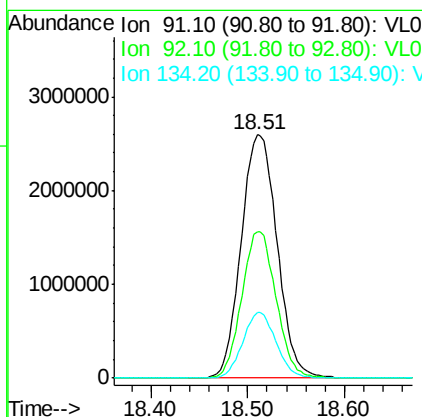
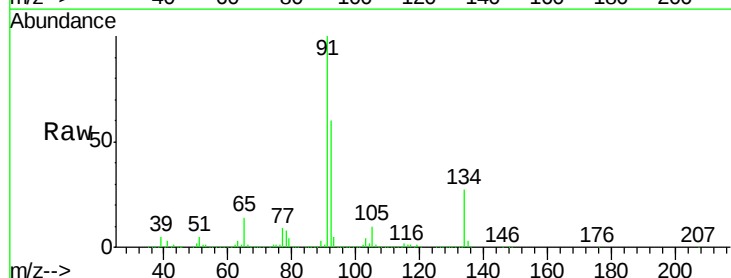
Manual Integrations
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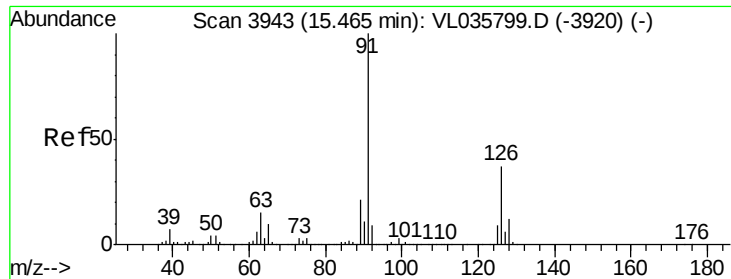
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#70
 n-Butylbenzene
 Concen: 10.201 ppbv
 RT: 18.51 min Scan# 4890
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion: 91 Resp: 6683121
 Ion Ratio Lower Upper
 91 100
 92 57.7 45.7 68.5
 134 25.1 21.0 31.4





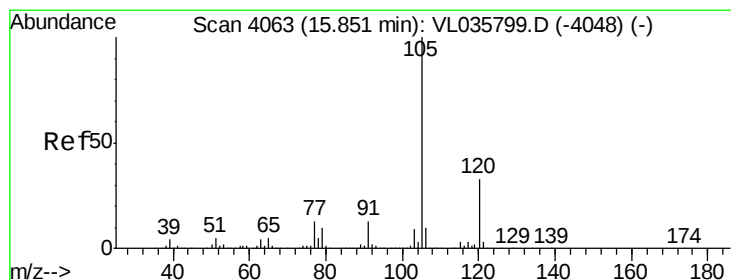
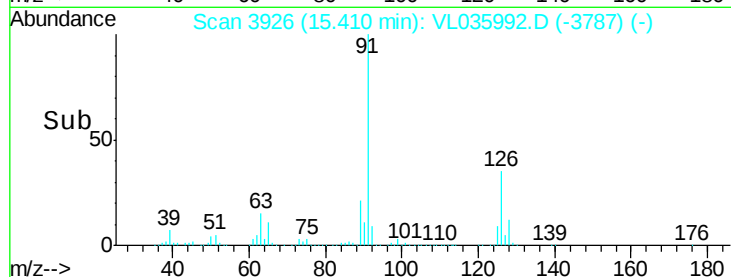
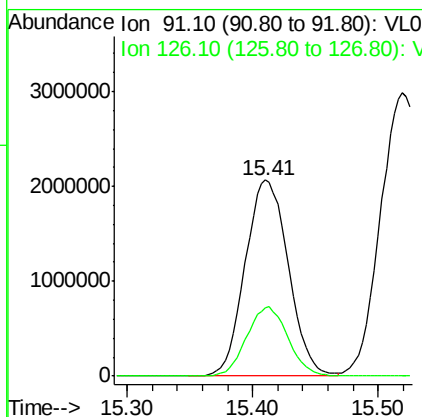
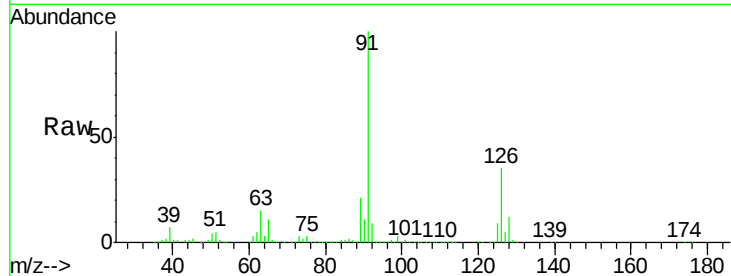
#71
 2-Chlorotoluene
 Concen: 10.092 ppbv
 RT: 15.41 min Scan# 3926
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 91 Resp: 4960846
 Ion Ratio Lower Upper
 91 100
 126 33.8 14.3 57.1

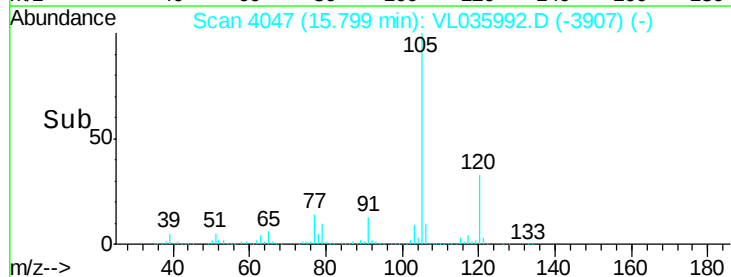
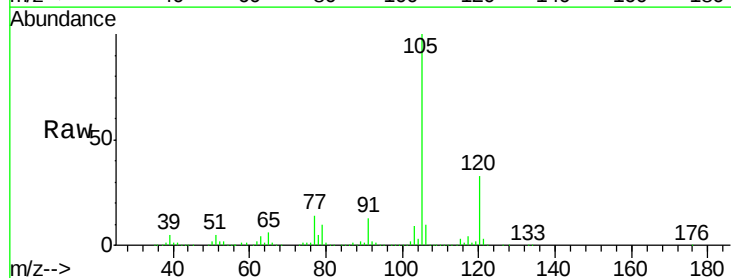
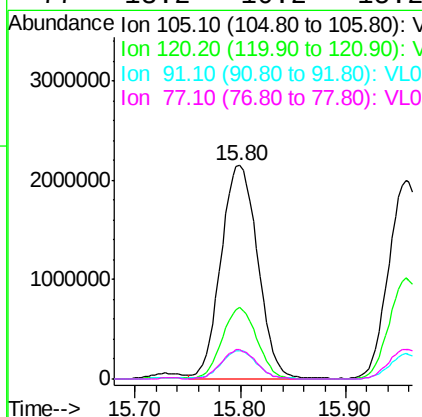
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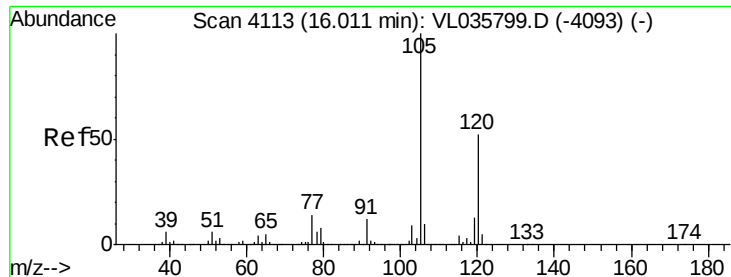
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#72
 4-Ethyltoluene
 Concen: 10.015 ppbv
 RT: 15.80 min Scan# 4047
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion: 105 Resp: 5193680
 Ion Ratio Lower Upper
 105 100
 120 32.6 25.9 38.9
 91 12.8 9.9 14.9
 77 13.2 10.2 15.2





#73

1,3,5-Trimethylbenzene

Concen: 10.104 ppbv

RT: 15.96 min Scan# 4096

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 4795146

Ion Ratio Lower Upper

105 100

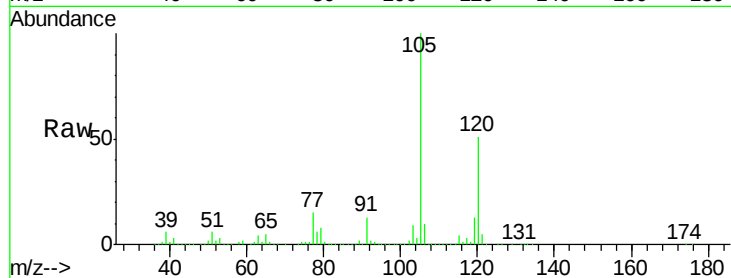
120 50.8 41.4 62.2

Manual Integrations

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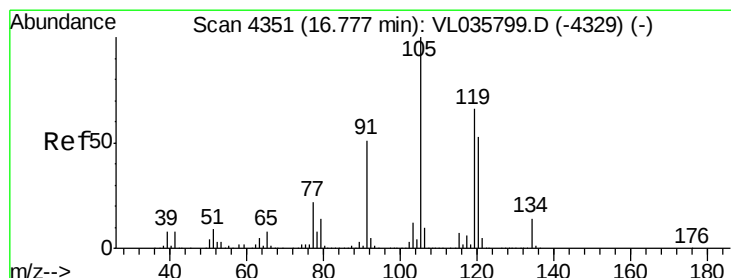
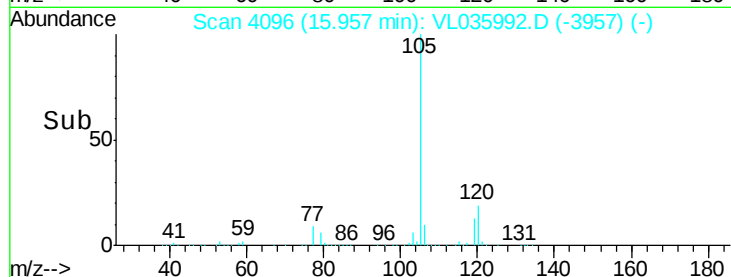
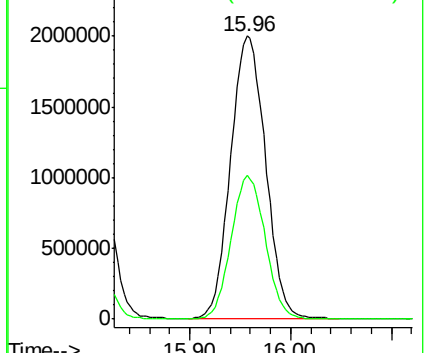
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 10.011 ppbv

RT: 16.72 min Scan# 4334

Delta R.T. -0.05 min

Lab File: VL035992.D

Acq: 19 Nov 2020 8:42

Tgt Ion:105 Resp: 5090676

Ion Ratio Lower Upper

105 100

120 53.4 42.0 63.0

91 55.9 41.0 61.6

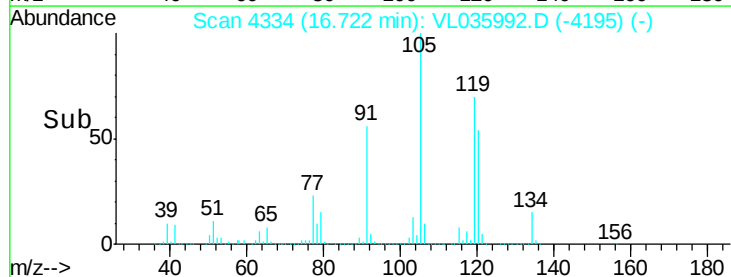
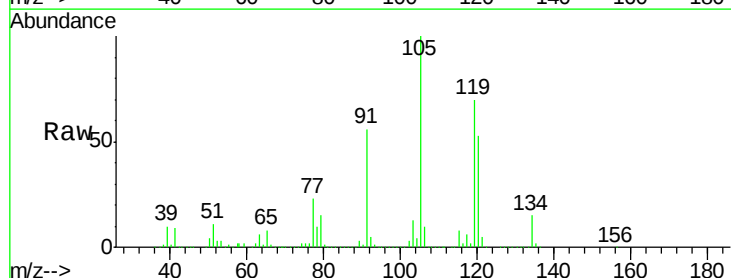
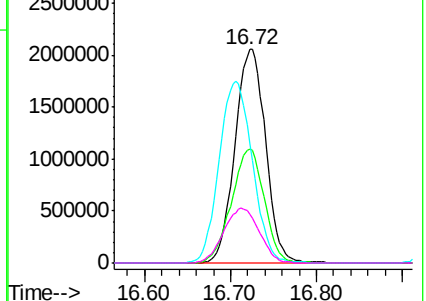
77 23.0 17.3 25.9

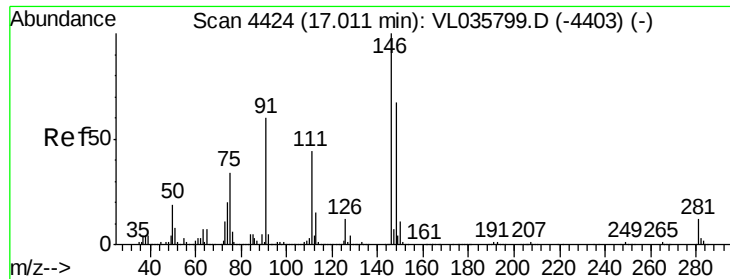
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): V

Ion 77.10 (76.80 to 77.80): V





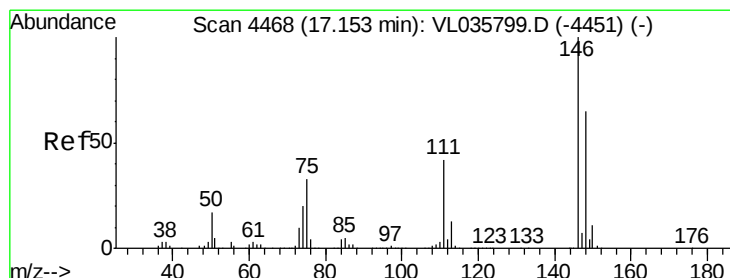
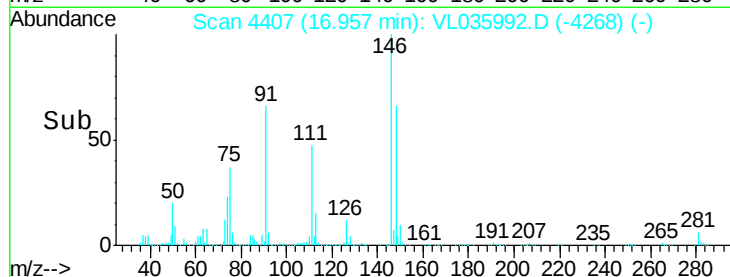
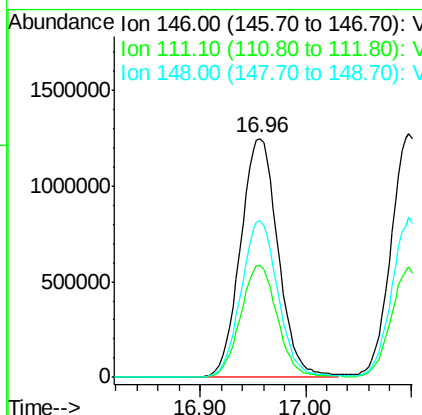
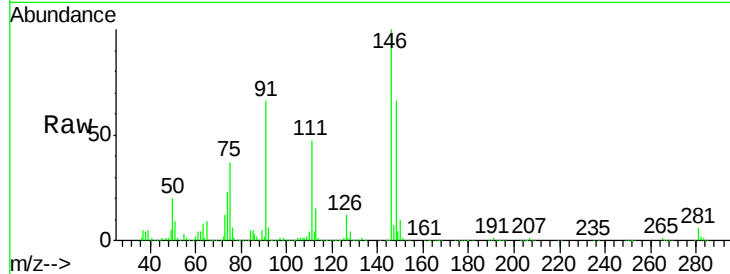
#75
 1,3-Dichlorobenzene
 Concen: 9.550 ppbv
 RT: 16.96 min Scan# 4407
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 3092195
 Ion Ratio Lower Upper
 146 100
 111 46.1 21.8 65.4
 148 64.7 32.5 97.5

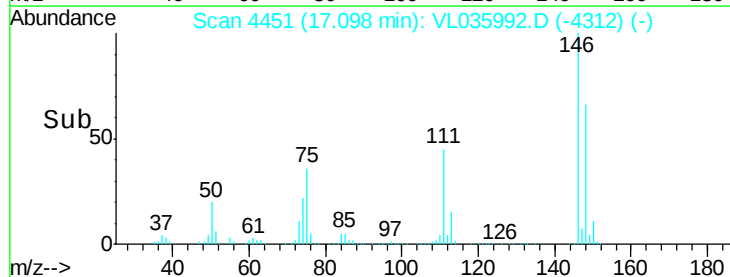
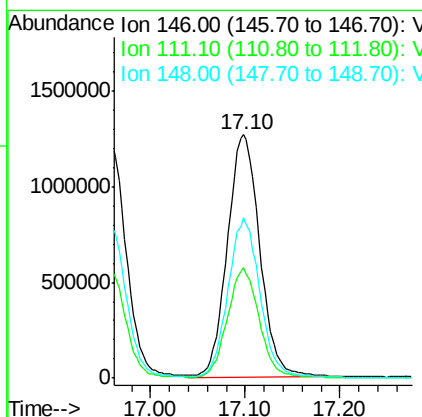
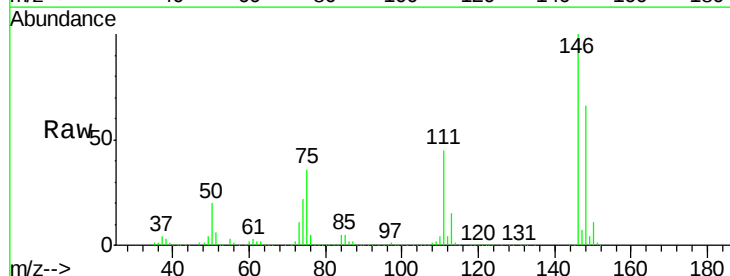
Manual Integrations
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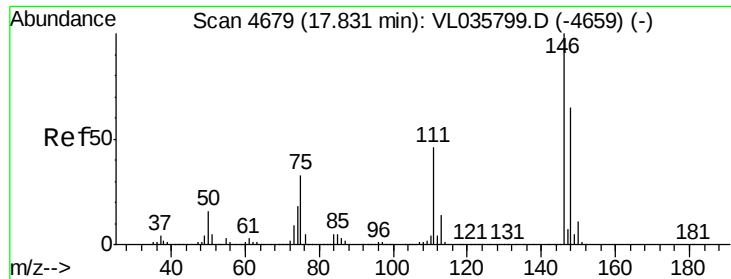
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#76
 1,4-Dichlorobenzene
 Concen: 9.634 ppbv
 RT: 17.10 min Scan# 4451
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion:146 Resp: 3009257
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.3 63.7
 148 65.5 33.0 99.0





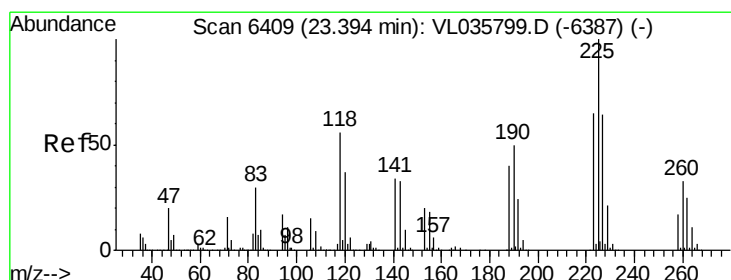
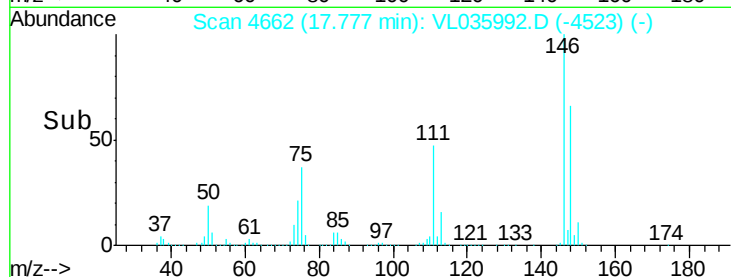
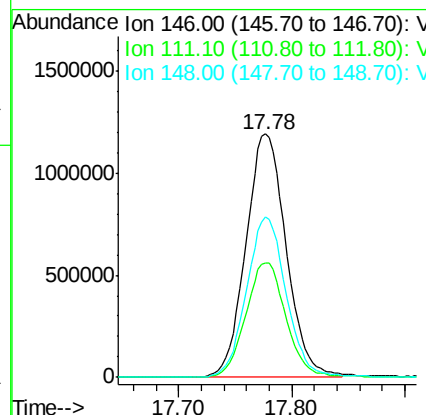
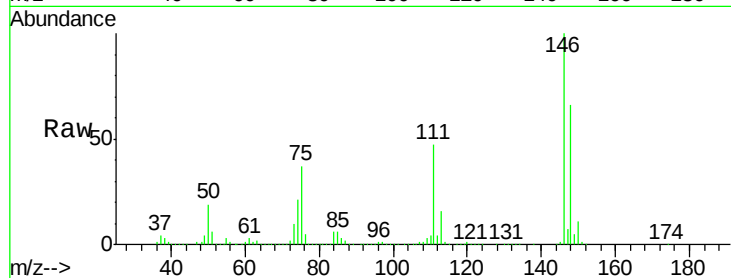
#77
 1,2-Dichlorobenzene
 Concen: 9.304 ppbv
 RT: 17.78 min Scan# 4662
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 2936676
 Ion Ratio Lower Upper
 146 100
 111 47.3 22.4 67.0
 148 65.2 32.5 97.5

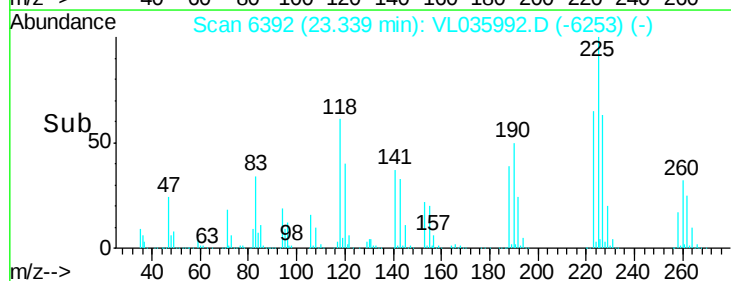
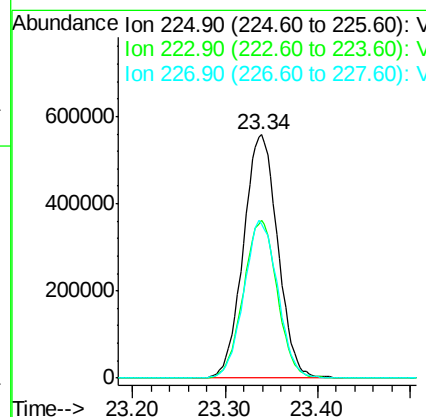
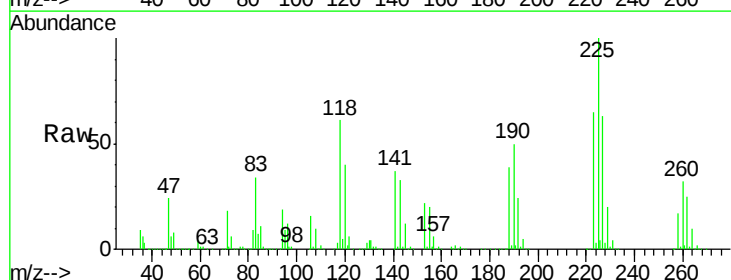
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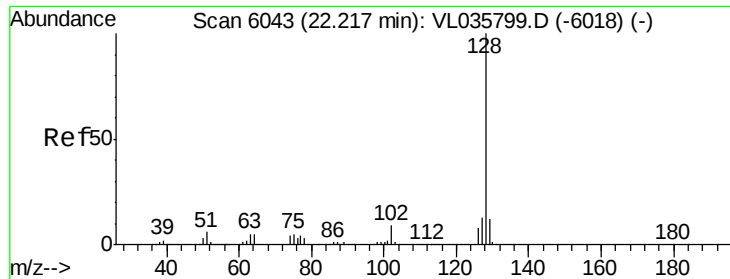
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#78
 Hexachloro-1,3-Butadiene
 Concen: 9.739 ppbv
 RT: 23.34 min Scan# 6392
 Delta R.T. -0.05 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Tgt Ion:225 Resp: 1434312
 Ion Ratio Lower Upper
 225 100
 223 63.9 51.0 76.6
 227 63.9 51.2 76.8





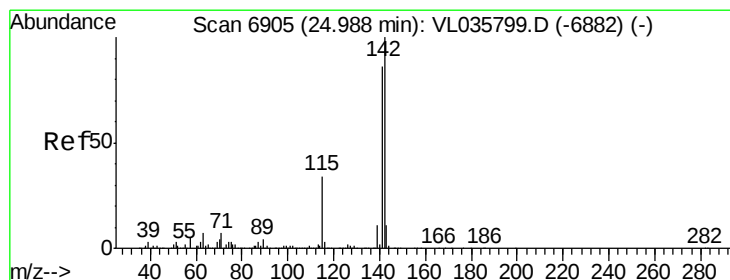
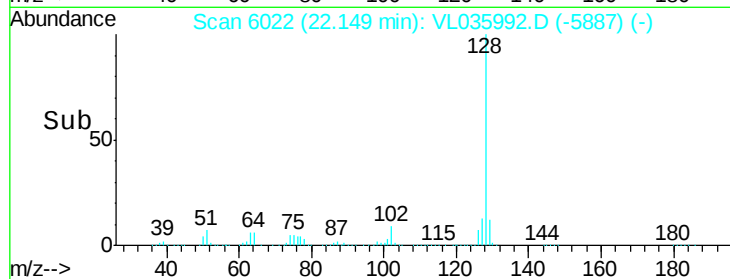
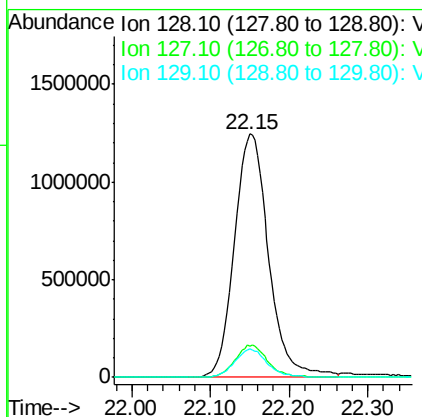
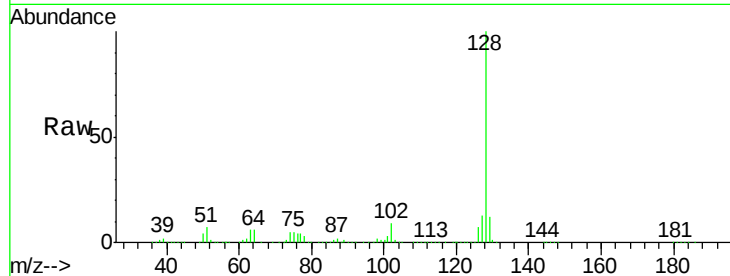
#79
Naphthalene
Concen: 10.728 ppbv
RT: 22.15 min Scan# 6022
Delta R.T. -0.07 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.7	9.2	13.8

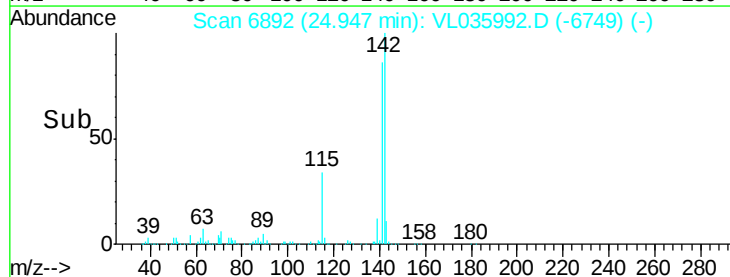
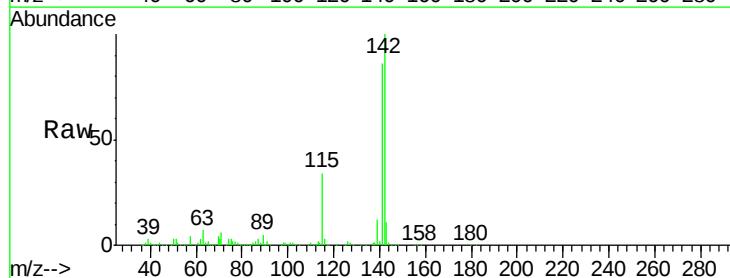
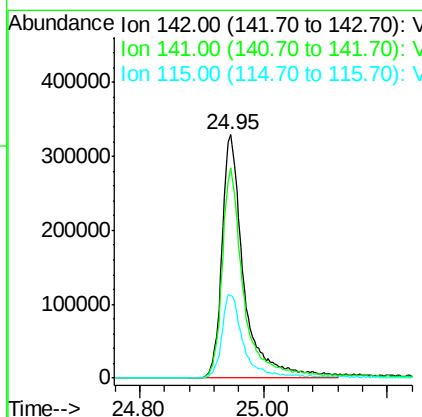
Manual Integrations
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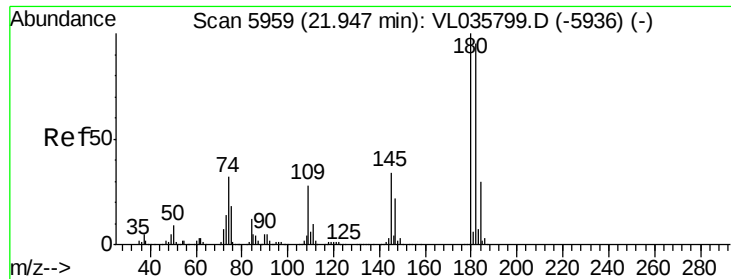
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#80
Naphthalene, 2-methyl-
Concen: 14.088 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. -0.04 min
Lab File: VL035992.D
Acq: 19 Nov 2020 8:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	67.8	101.8
115	34.6	28.1	42.1





#81
 1,2,4-Trichlorobenzene
 Concen: 9.386 ppbv
 RT: 21.88 min Scan# 5939
 Delta R.T. -0.06 min
 Lab File: VL035992.D
 Acq: 19 Nov 2020 8:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	77.2	115.8
184	31.5	24.7	37.1

Manual Integrations
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