

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035802.D
 Acq On : 3 Nov 2020 12:25
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:13:18 PM

Quant Time: Nov 03 14:15:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 03 14:15:29 2020
 QLast Update : Tue Nov 03 11:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1356197	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	5715152	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	5317210	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3862101	9.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	164505	0.739	ppbv	95
3) Chlorodifluoromethane	2.98	51	86961	0.596	ppbv	100
4) Chloromethane	3.13	50	41007	0.523	ppbv	100
5) Vinyl Chloride	3.25	62	50139	0.541	ppbv	94
6) Bromomethane	3.47	94	39811	0.508	ppbv	93
7) Chloroethane	3.55	64	16026	0.471	ppbv	99
8) Dichlorotetrafluoroethane	3.18	85	156660	0.580	ppbv	97
9) Propene	3.01	41	30976	0.585	ppbv #	81
10) Heptane	8.12	43	86757	0.587	ppbv	96
11) Trichlorofluoromethane	3.94	101	172049	0.542	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	127800	0.540	ppbv	96
13) Ethanol	3.62	45	7409m	0.567	ppbv	
14) Bromoethene	3.73	108	57321	0.575	ppbv #	91
15) Acetone	3.86	43	83847	0.575	ppbv #	85
16) 1,3-Butadiene	3.32	39	34179	0.640	ppbv	96
17) tert-Butyl alcohol	4.30	59	120626m	0.759	ppbv	
18) 1,1-Dichloroethene	4.29	96	56442	0.545	ppbv	92
19) Isopropyl Alcohol	3.97	45	54322m	0.684	ppbv	
20) Methylene Chloride	4.34	84	62374	0.582	ppbv	95
21) Allyl Chloride	4.40	41	37642	0.532	ppbv #	82
22) trans-1,2-Dichloroethene	4.88	96	61844m	0.565	ppbv	
23) Vinyl Acetate	5.07	43	122772	0.687	ppbv	98
24) 1,1-Dichloroethane	5.01	63	102592	0.527	ppbv	99
25) Ethyl Acetate	5.68	43	148529	0.566	ppbv #	96
26) Hexane	5.68	57	87124	0.605	ppbv	97
27) Carbon Disulfide	4.55	76	117728	0.549	ppbv #	97
28) Methyl tert-Butyl Ether	5.04	73	153276	0.672	ppbv	100
29) Chloroform	5.74	83	166365	0.569	ppbv	90
30) Cyclohexane	7.13	84	91664	0.646	ppbv	88
31) cis-1,2-Dichloroethene	5.54	61	84393	0.608	ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	162424	0.631	ppbv	99
34) 2-Butanone	5.25	43	99628	0.527	ppbv	94
35) Carbon Tetrachloride	7.02	117	155087	0.520	ppbv	97
36) Benzene	6.88	78	232662	0.625	ppbv #	96
37) 1,2-Dichloroethane	6.30	62	100579	0.518	ppbv	97
38) Trichloroethene	7.83	130	108988m	0.587	ppbv	
39) 1,2-Dichloropropane	7.61	63	79114m	0.586	ppbv	
40) 1,4-Dioxane	7.86	88	42924m	0.695	ppbv	
41) Tetrahydrofuran	6.07	42	53730	0.564	ppbv	91
42) Bromodichloromethane	7.79	83	170373	0.545	ppbv	92
43) Methyl Methacrylate	8.01	69	84893	0.573	ppbv	95

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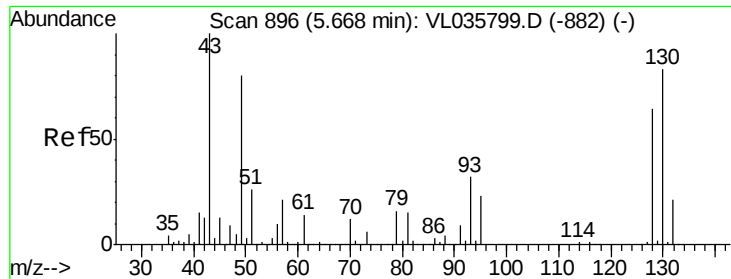
Manual Integrations
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 11/5/2020 2:13:18 PM

Quant Time: Nov 03 14:15:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 03 14:15:29 2020
 QLast Update : Tue Nov 03 11:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	313597	0.587	ppbv	97
45) t-1,3-Dichloropropene	9.28	75	81753	0.547	ppbv	95
46) cis-1,3-Dichloropropene	8.70	75	111833	0.607	ppbv	92
47) 1,1,2-Trichloroethane	9.47	97	106354	0.550	ppbv	96
48) Dibromochloromethane	10.30	129	149153	0.507	ppbv	100
49) Bromoform	13.04	173	124509	0.499	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	147510	0.534	ppbv	99
51) 2-Hexanone	10.15	43	117472m	0.528	ppbv	
52) Tetrachloroethene	11.22	164	106691	0.596	ppbv	98
53) Toluene	9.81	91	286471	0.652	ppbv	99
54) 1,2-Dibromoethane	10.61	107	158474	0.547	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	132670	0.595	ppbv #	1
57) Chlorobenzene	12.14	112	248060	0.618	ppbv	95
58) Ethyl Benzene	12.71	91	377269	0.707	ppbv	98
59) m/p-Xylene	13.00	91	640015m	1.373	ppbv	
60) o-Xylene	13.69	91	309712	0.657	ppbv	100
61) Styrene	13.53	104	218083	0.669	ppbv	97
62) Isopropylbenzene	14.67	105	513214	0.702	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.68	83	220031	0.569	ppbv	99
64) n-propylbenzene	15.57	120	143559	0.671	ppbv	79
65) tert-Butylbenzene	16.75	119	471262	0.709	ppbv	94
66) Benzyl Chloride	17.00	91	163005m	0.809	ppbv	
67) sec-Butylbenzene	17.30	105	643637	0.701	ppbv	96
69) p-Isopropyltoluene	17.66	119	538608	0.721	ppbv	95
70) n-Butylbenzene	18.56	91	510434	0.664	ppbv	98
71) 2-Chlorotoluene	15.46	91	374574	0.702	ppbv	99
72) 4-Ethyltoluene	15.85	105	394727	0.707	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	354293	0.671	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	390431	0.656	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	237791	0.585	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	233798	0.602	ppbv	97
77) 1,2-Dichlorobenzene	17.83	146	238459	0.622	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	108878m	0.514	ppbv	
79) Naphthalene	22.22	128	264965	0.467	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	34559	0.258	ppbv	95
81) 1,2,4-Trichlorobenzene	21.94	180	145474	0.495	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 49 Resp: 1356197

Ion Ratio Lower Upper

49 100

128 89.5 41.5 124.6

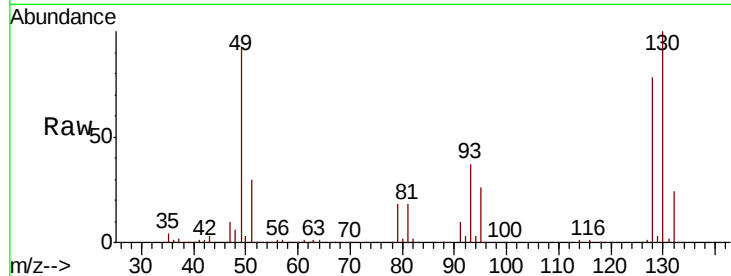
130 113.8 53.7 161.1

Manual Integrations

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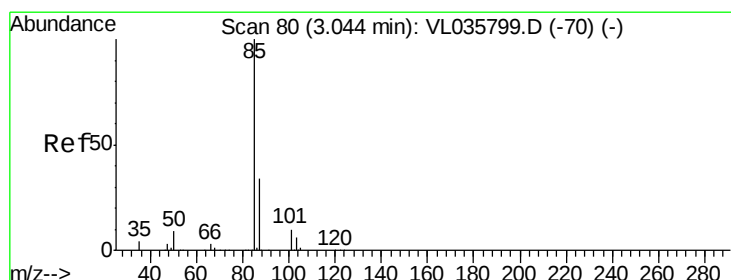
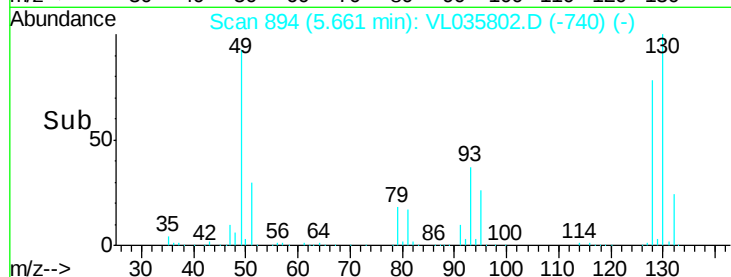
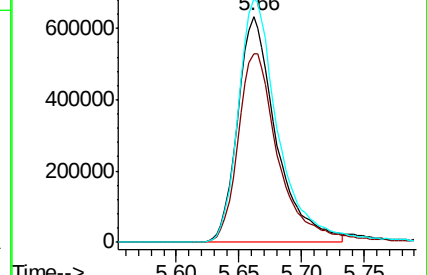
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.739 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL035802.D

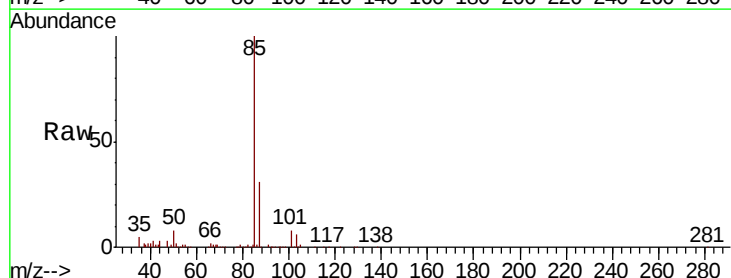
Acq: 3 Nov 2020 12:25

Tgt Ion: 85 Resp: 164505

Ion Ratio Lower Upper

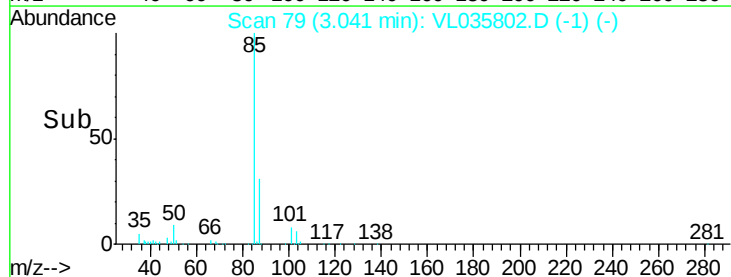
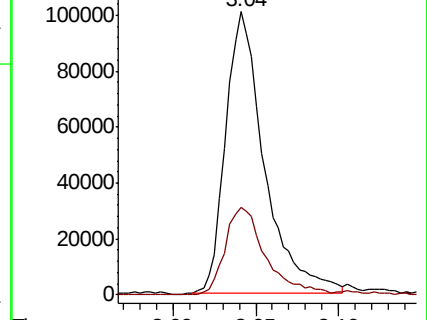
85 100

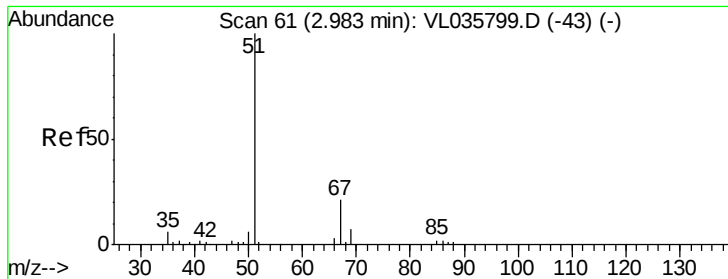
87 31.1 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.596 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.00 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 51 Resp: 86961

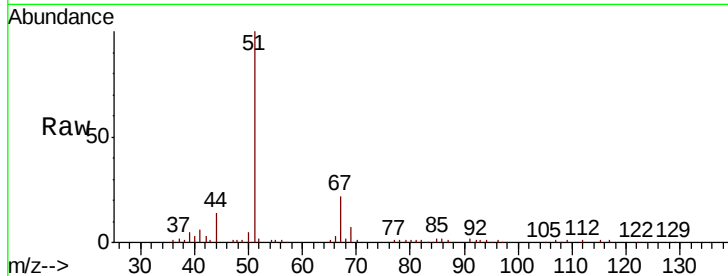
Ion Ratio Lower Upper

51 100

67 21.1 17.0 25.4

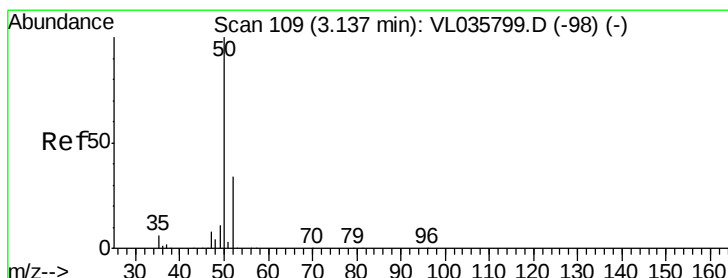
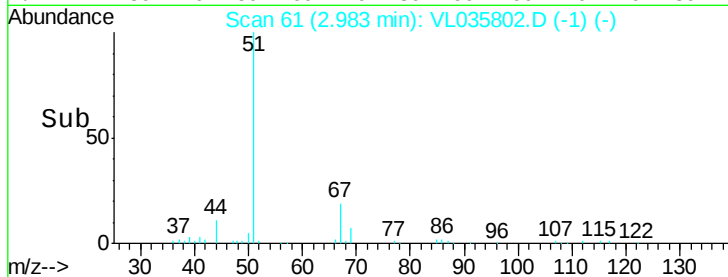
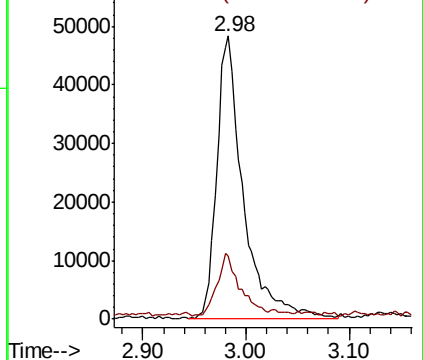
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.523 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL035802.D

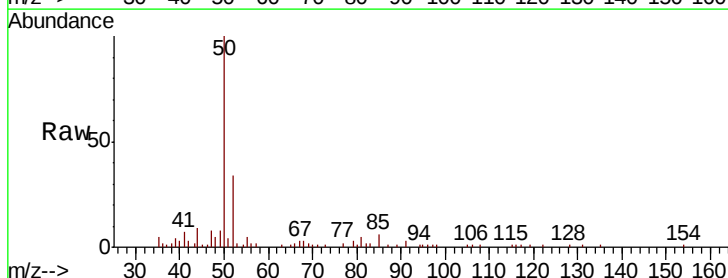
Acq: 3 Nov 2020 12:25

Tgt Ion: 50 Resp: 41007

Ion Ratio Lower Upper

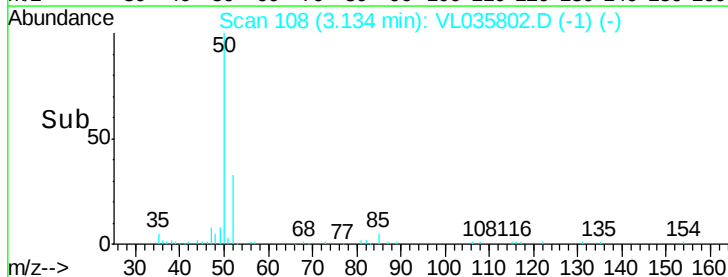
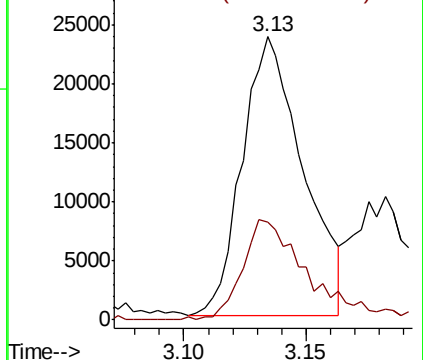
50 100

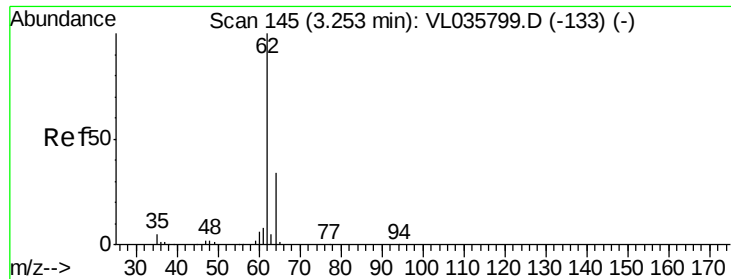
52 33.8 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.541 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.00 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 62 Resp: 50139

Ion Ratio Lower Upper

62 100

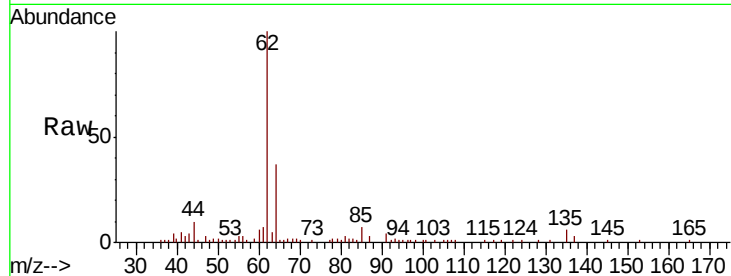
64 37.1 26.9 40.3

Manual Integrations

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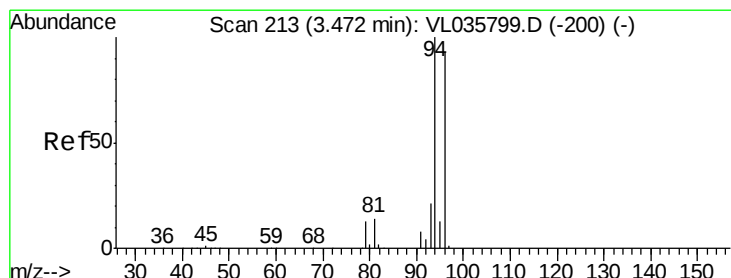
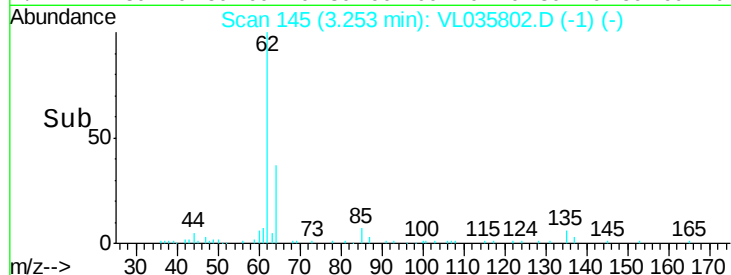
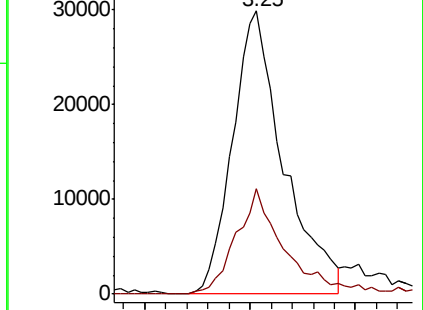
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.508 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL035802.D

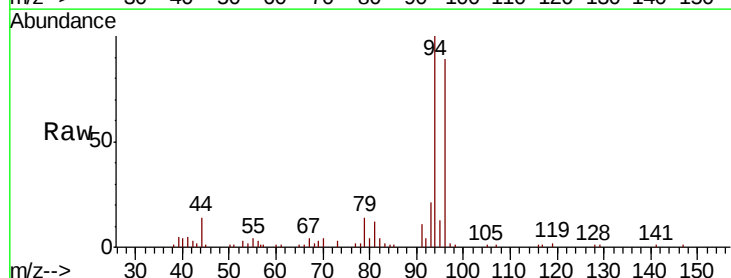
Acq: 3 Nov 2020 12:25

Tgt Ion: 94 Resp: 39811

Ion Ratio Lower Upper

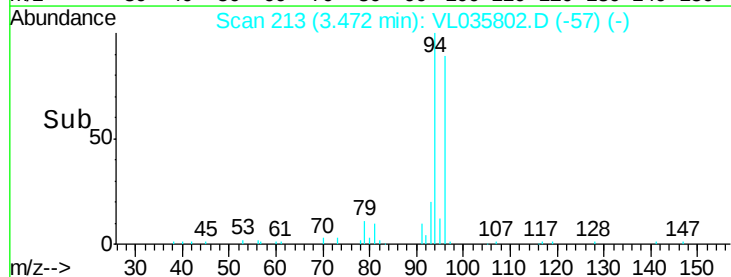
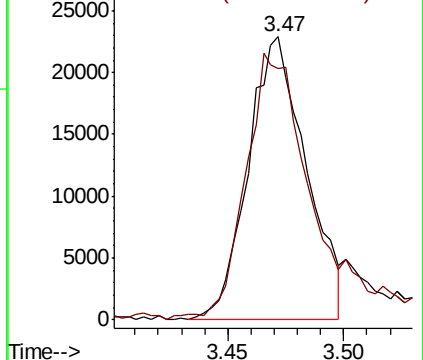
94 100

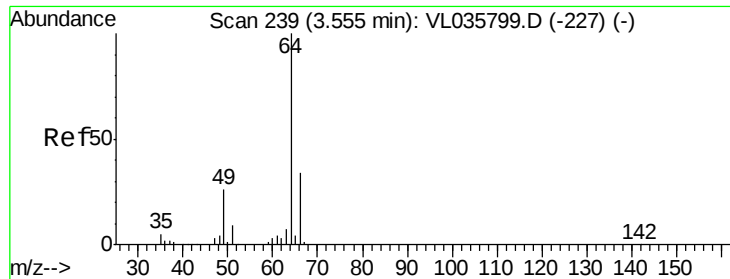
96 86.6 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.471 ppbv

RT: 3.55 min Scan# 237

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 64 Resp: 16026

Ion Ratio Lower Upper

64 100

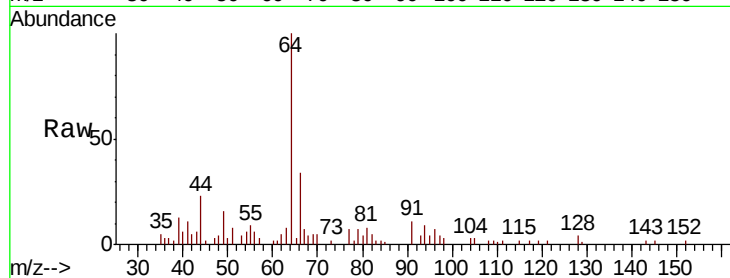
66 34.3 27.0 40.6

Manual Integrations

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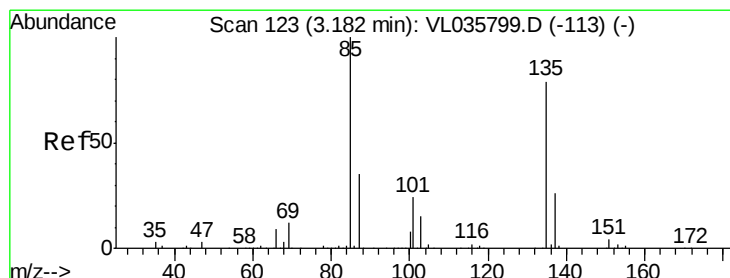
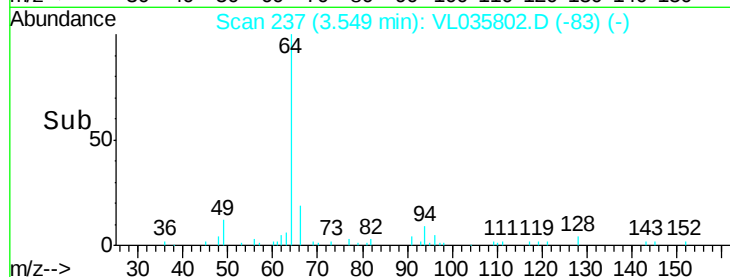
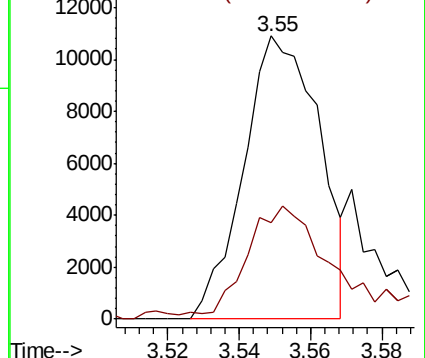
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.580 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.00 min

Lab File: VL035802.D

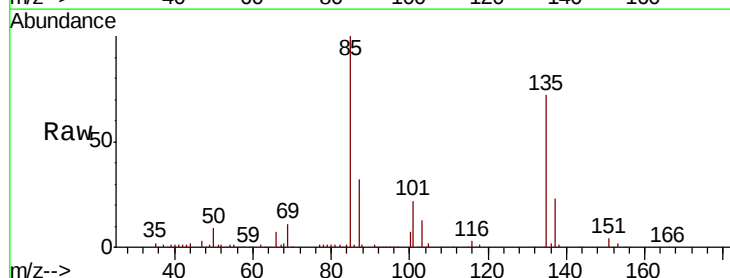
Acq: 3 Nov 2020 12:25

Tgt Ion: 85 Resp: 156660

Ion Ratio Lower Upper

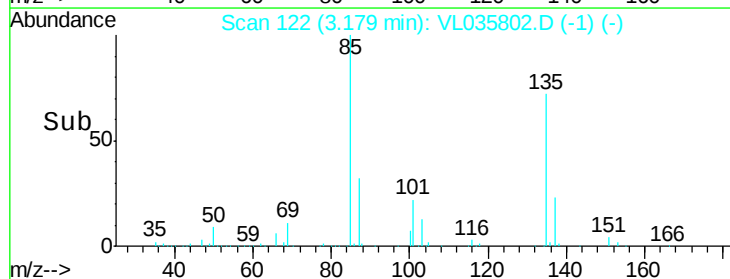
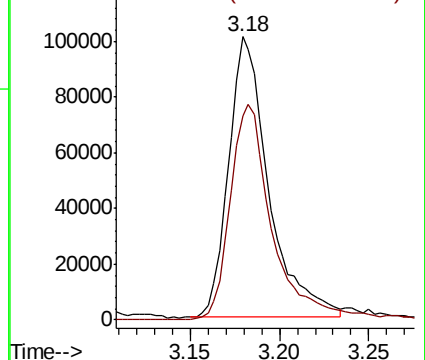
85 100

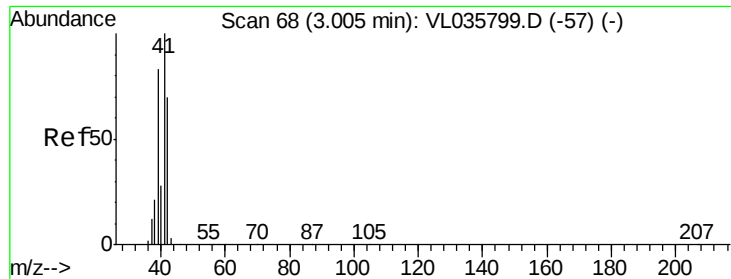
135 83.1 64.6 96.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.585 ppbv

RT: 3.01 min Scan# 68

Delta R.T. 0.00 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 41 Resp: 30976

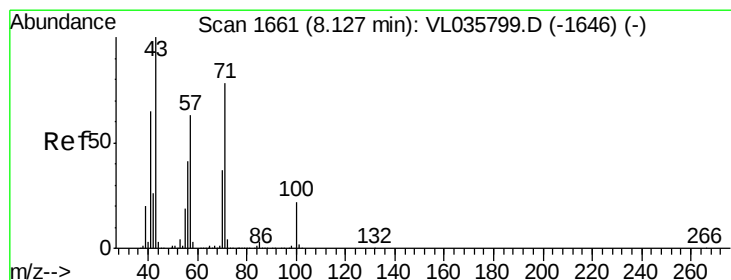
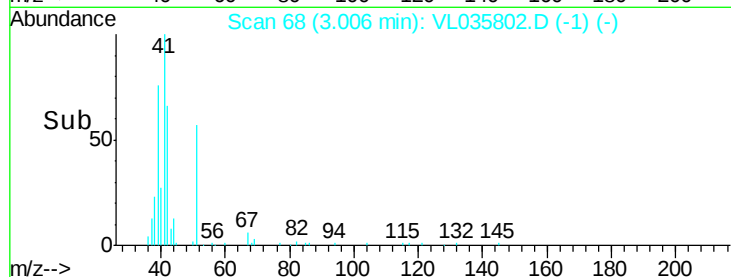
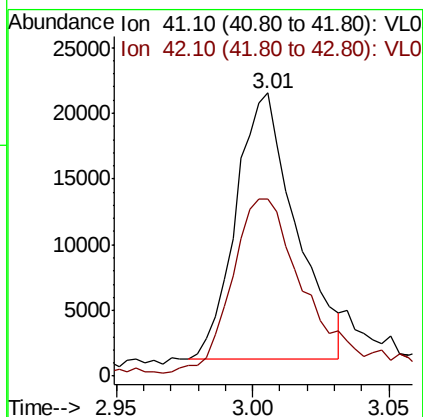
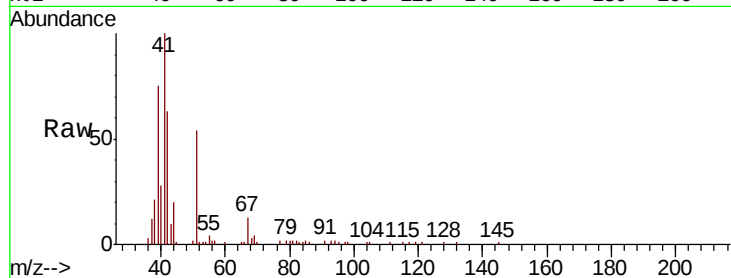
Ion Ratio Lower Upper

41 100

42 85.9 56.2 84.4#

Manual Integrations
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#10

Heptane

Concen: 0.587 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL035802.D

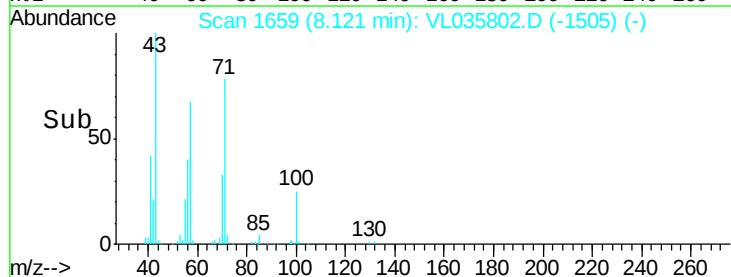
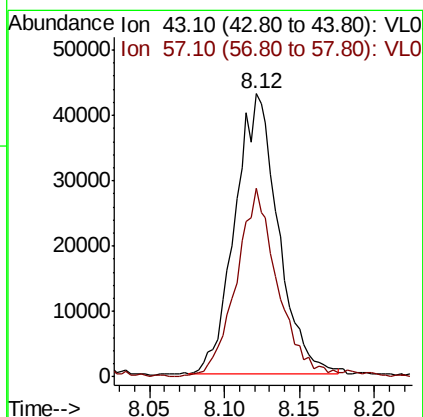
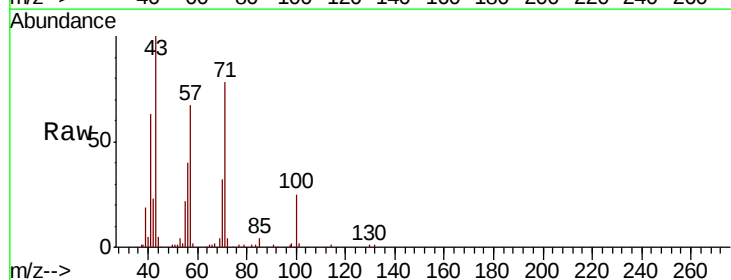
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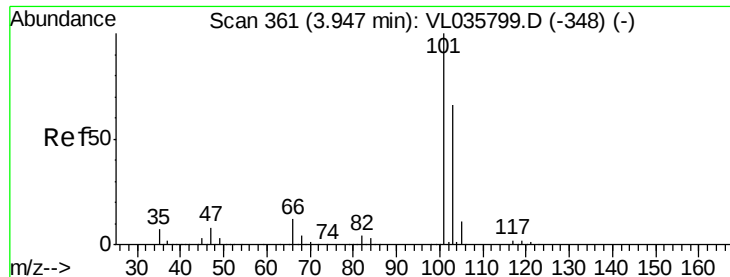
Tgt Ion: 43 Resp: 86757

Ion Ratio Lower Upper

43 100

57 65.8 50.0 75.0





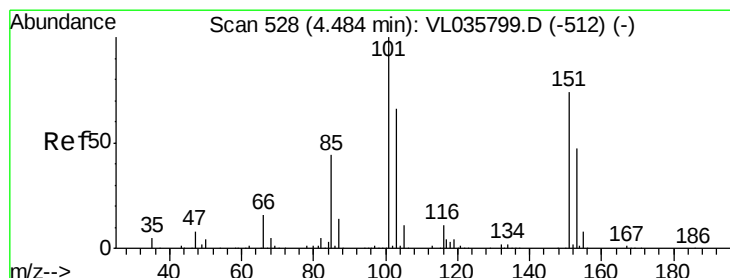
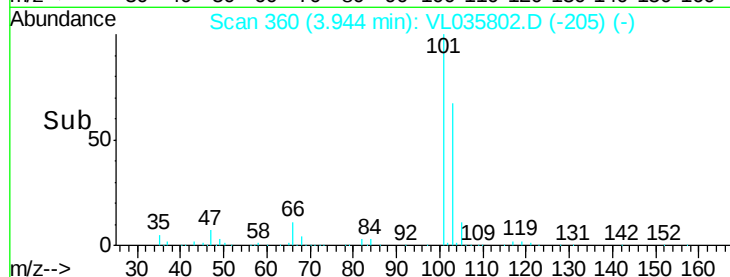
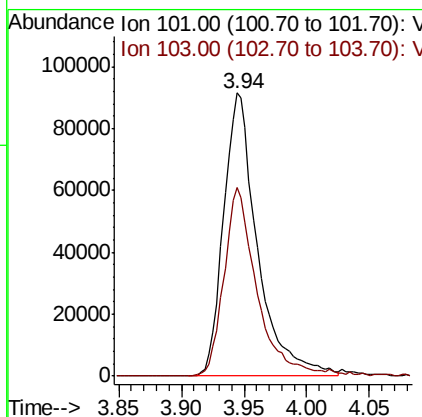
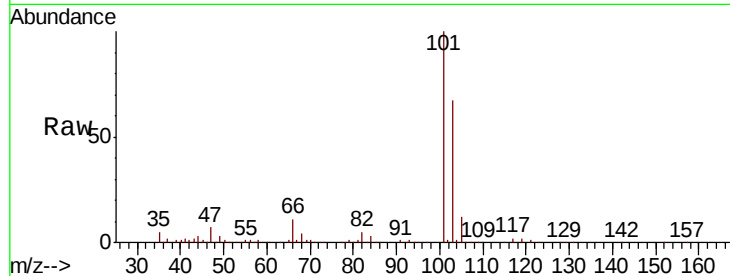
#11
 Trichlorofluoromethane
 Concen: 0.542 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. -0.00 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion:101 Resp: 172049
 Ion Ratio Lower Upper
 101 100
 103 66.7 53.0 79.4

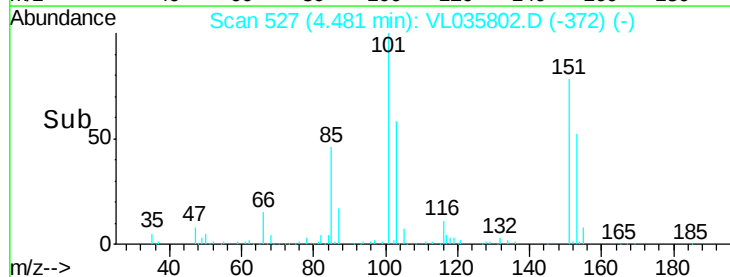
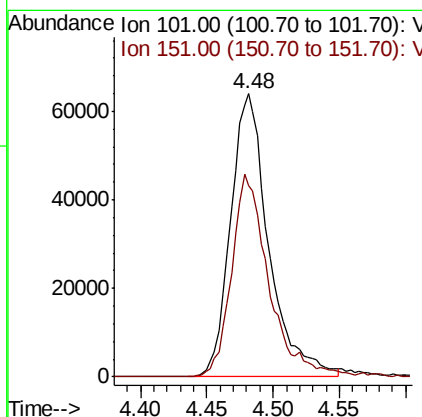
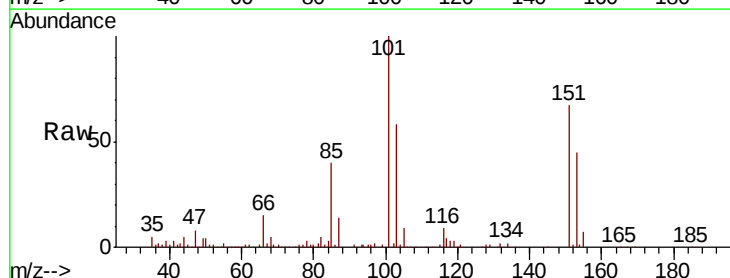
Manual Integrations
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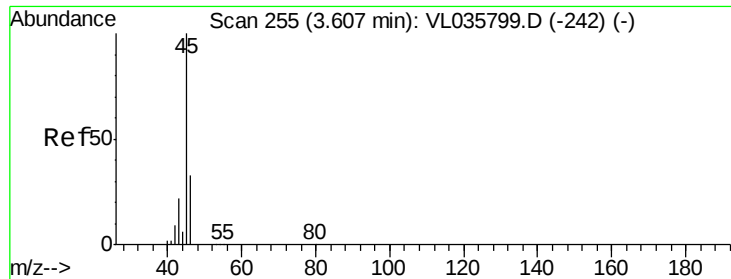
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.540 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Tgt Ion:101 Resp: 127800
 Ion Ratio Lower Upper
 101 100
 151 70.5 58.9 88.3





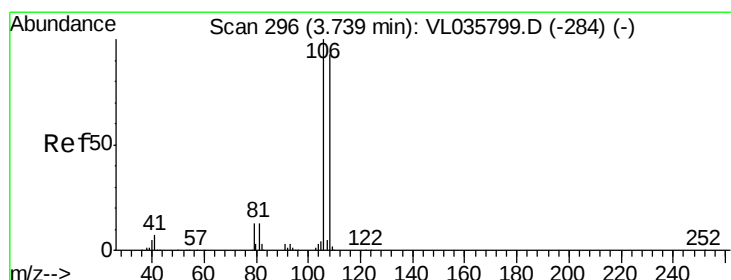
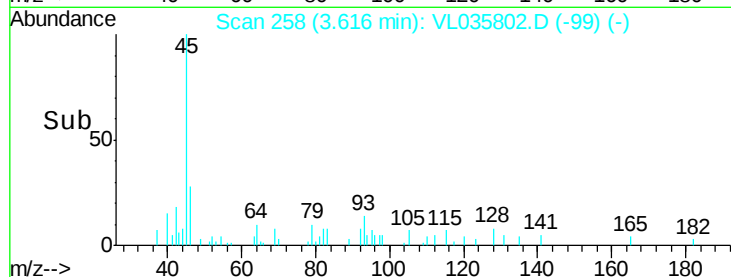
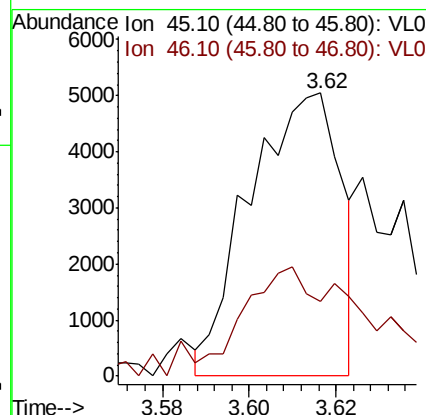
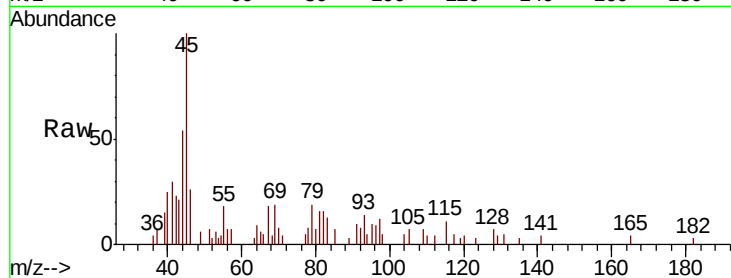
#13
Ethanol
Concen: 0.567 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion: 45 Resp: 7409
Ion Ratio Lower Upper
45 100
46 71.2 16.1 64.5#

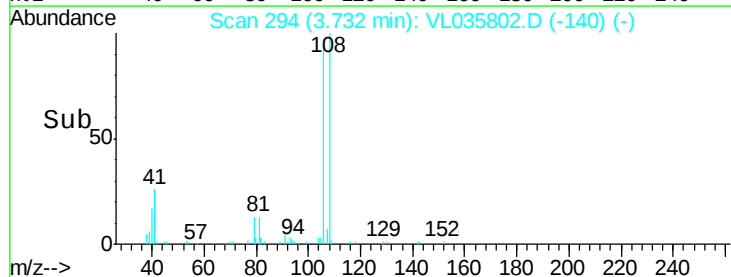
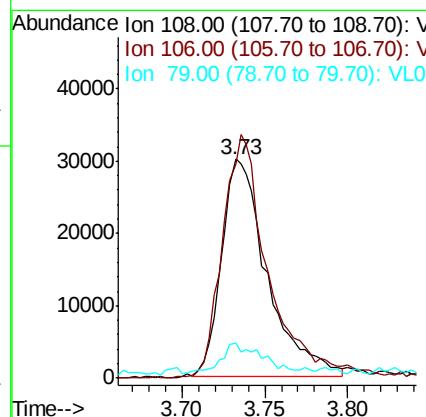
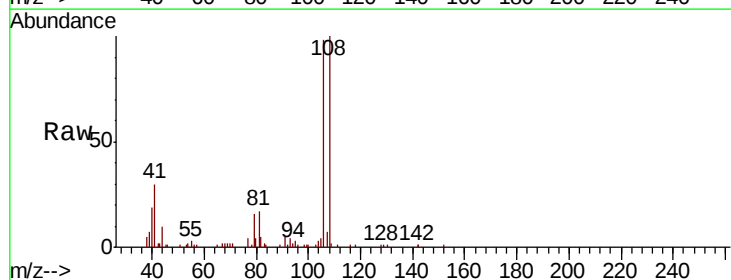
Manual Integrations
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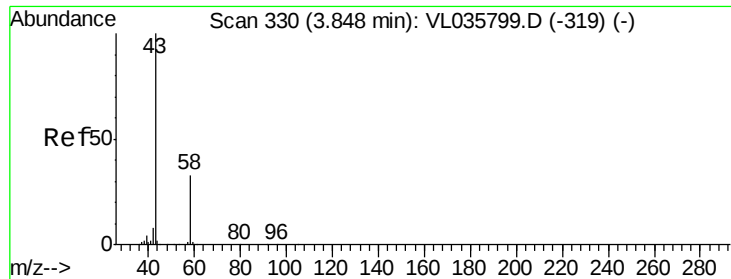
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#14
Bromoethene
Concen: 0.575 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 108 Resp: 57321
Ion Ratio Lower Upper
108 100
106 116.4 85.3 127.9
79 18.1 11.6 17.4#





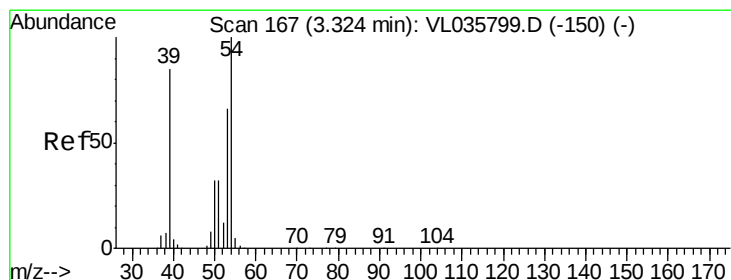
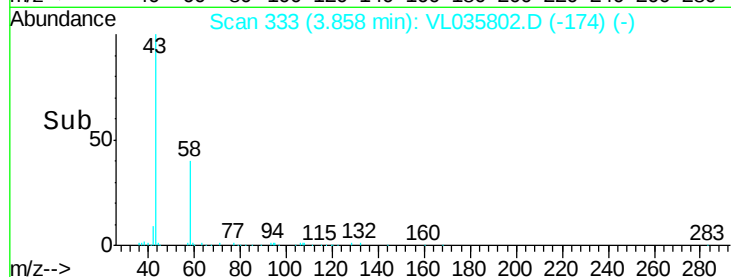
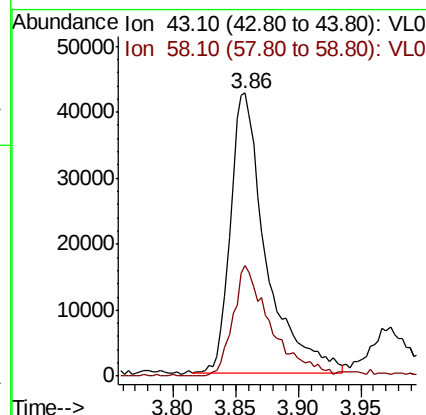
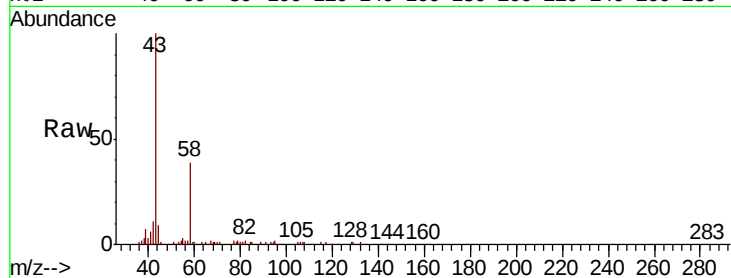
#15
Acetone
Concen: 0.575 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.1	27.5	41.3#

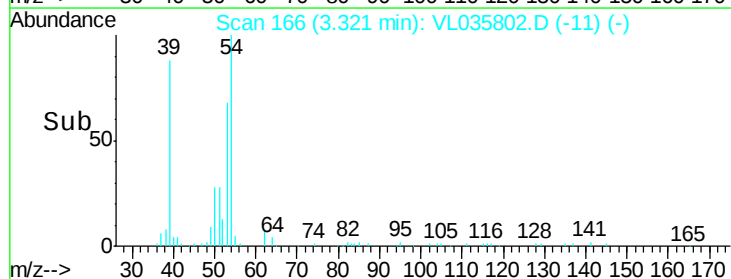
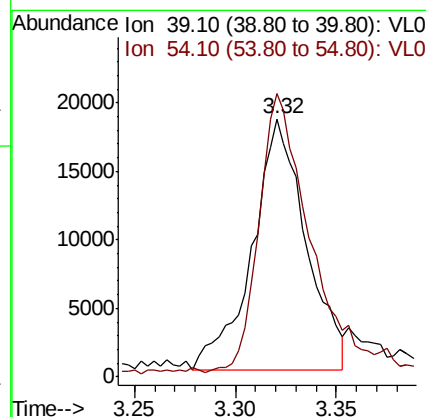
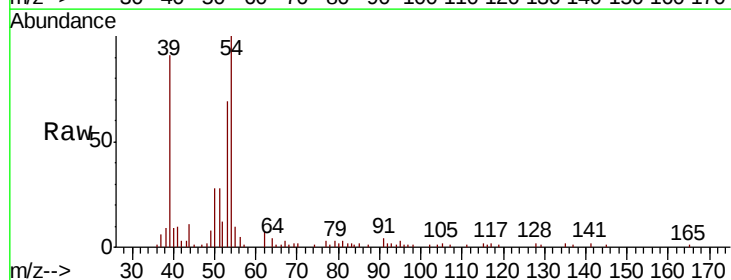
Manual Integrations
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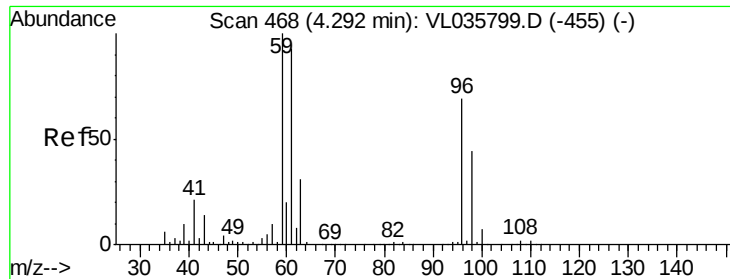
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#16
1,3-Butadiene
Concen: 0.640 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
39	100		
54	112.6	87.1	130.7





#17

tert-Butyl alcohol

Concen: 0.759 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

ClientSampled :

VSTDIC0.5

Tot Ion: 59 Resp: 120626

Ion Ratio Lower Upper

59 100

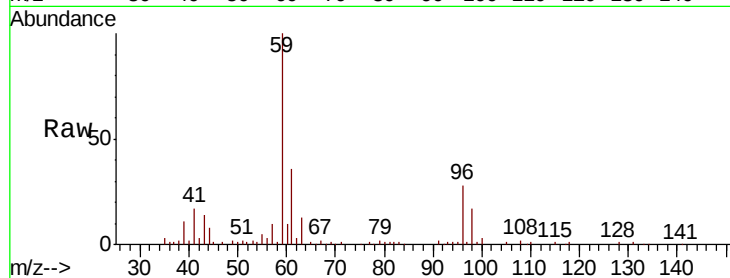
57 0.3 8.2 12.4#

Manual Integrations

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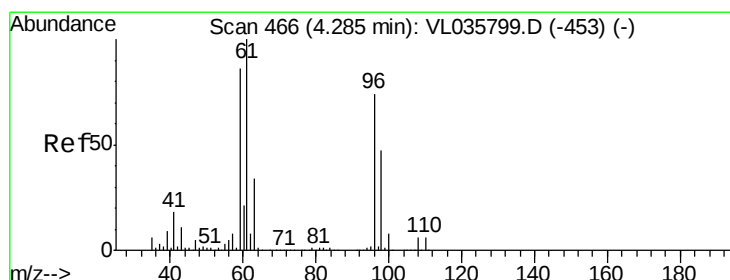
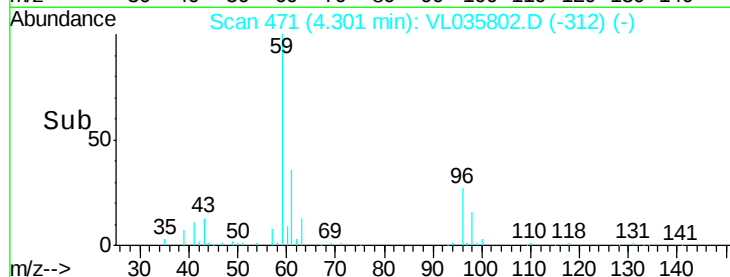
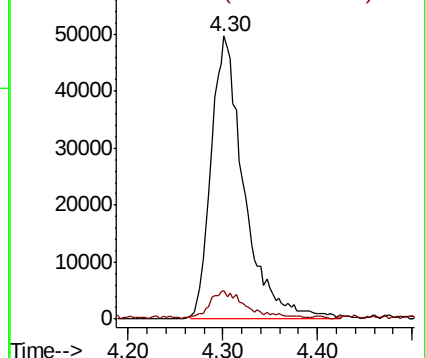
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Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 0.545 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.00 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

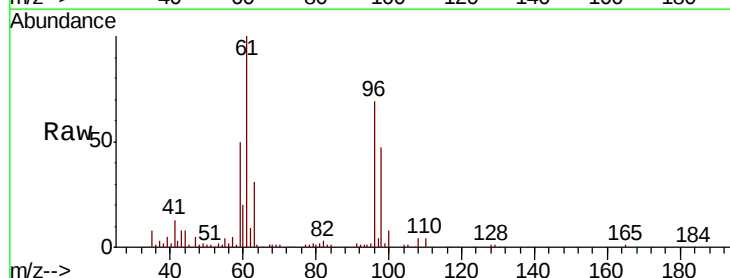
Tgt Ion: 96 Resp: 56442

Ion Ratio Lower Upper

96 100

61 146.6 108.5 162.7

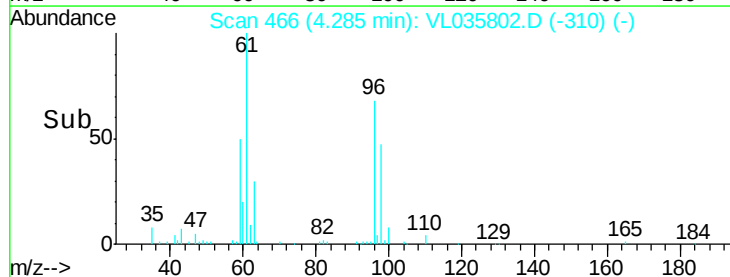
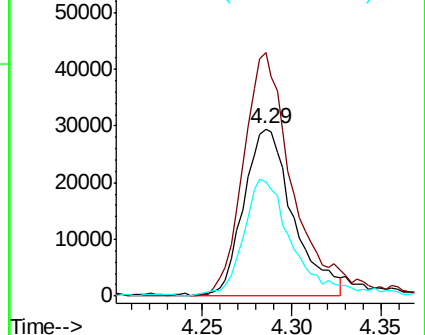
98 68.3 50.7 76.1

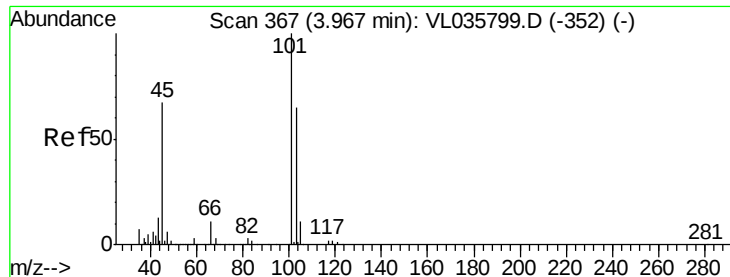


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 0.684 ppbv m

RT: 3.97 min Scan# 368

Delta R.T. 0.00 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 45 Resp: 54322

Ion Ratio Lower Upper

45 100

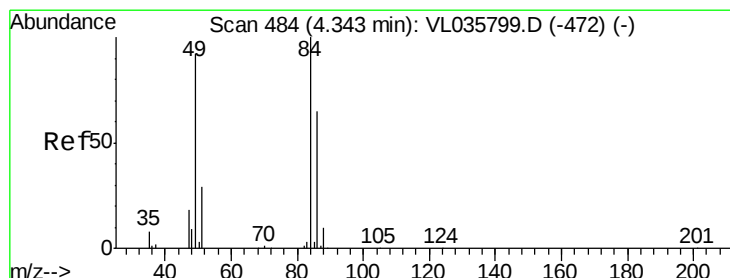
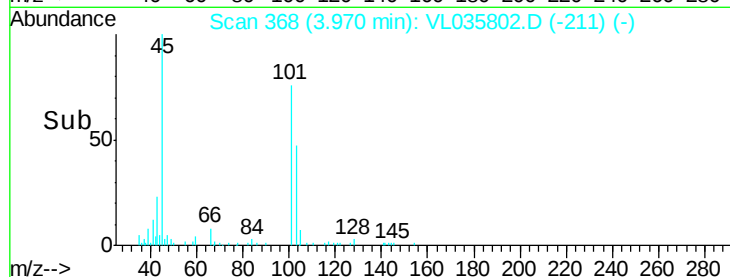
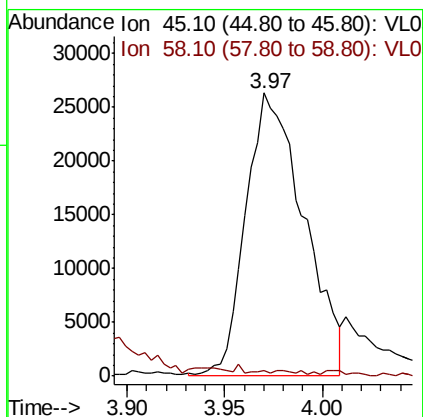
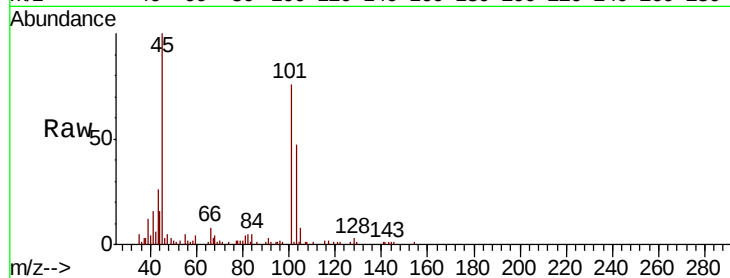
58 67.2 2.6 3.8#

Manual Integrations

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#20

Methylene Chloride

Concen: 0.582 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Tgt Ion: 84 Resp: 62374

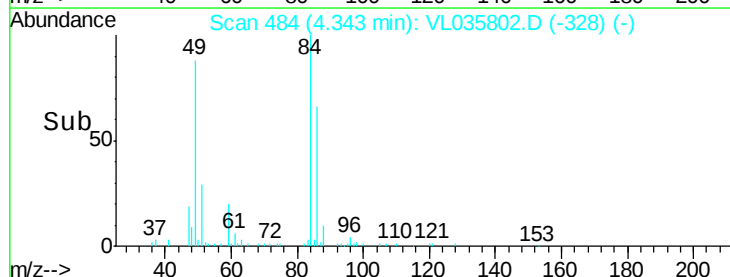
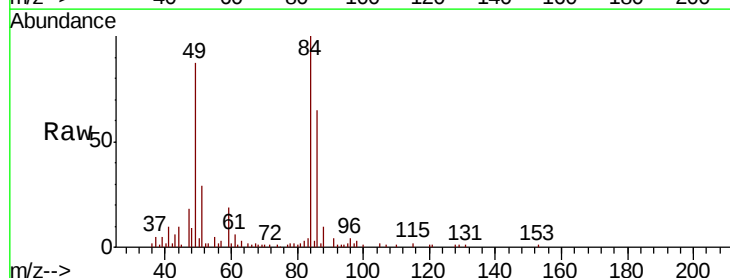
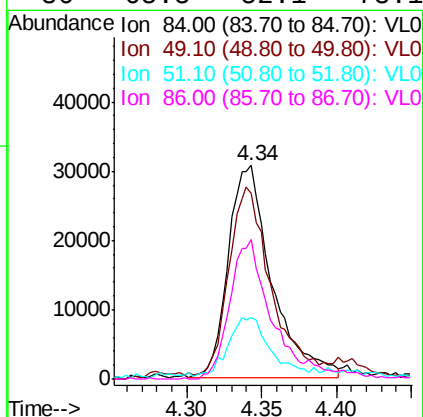
Ion Ratio Lower Upper

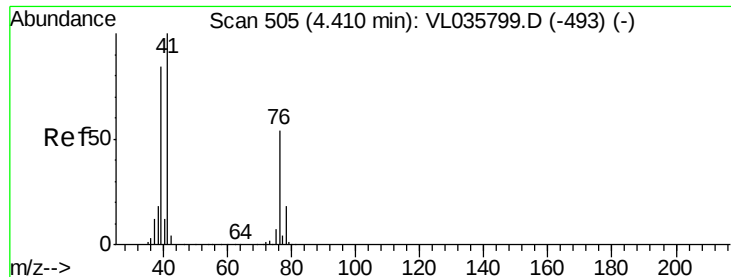
84 100

49 84.0 73.8 110.8

51 26.5 23.0 34.4

86 65.5 52.1 78.1





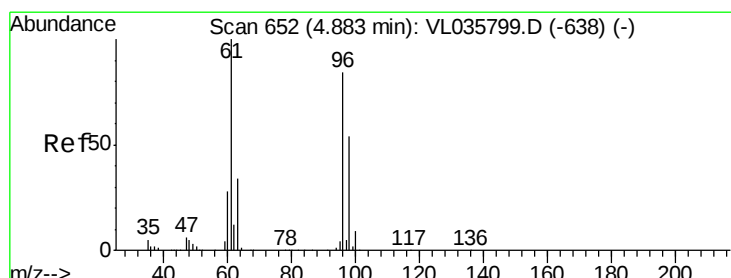
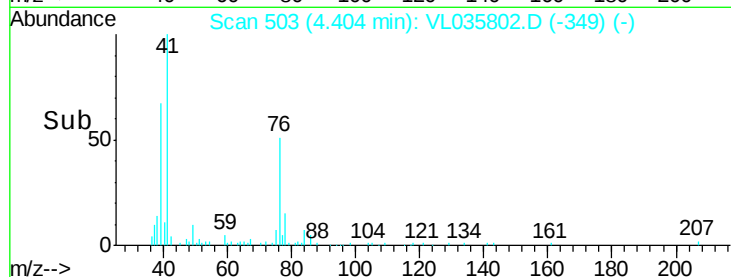
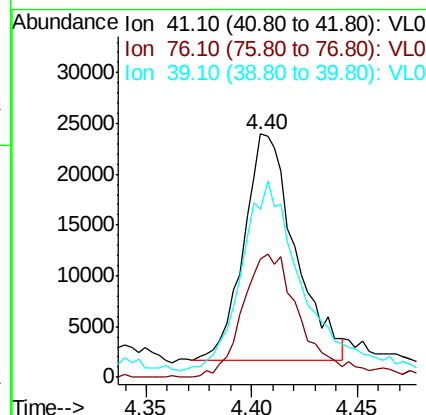
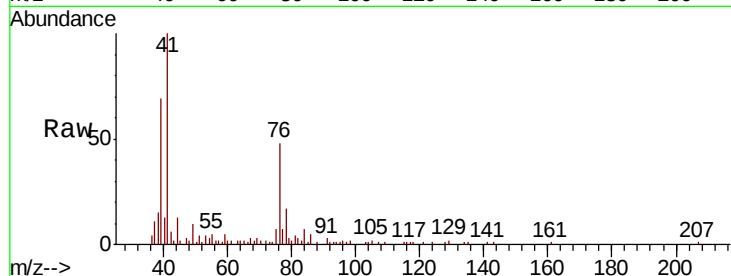
#21
Allvl Chloride
Concen: 0.532 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
41	100		
76	65.1	42.6	63.8#
39	101.1	67.0	100.4#

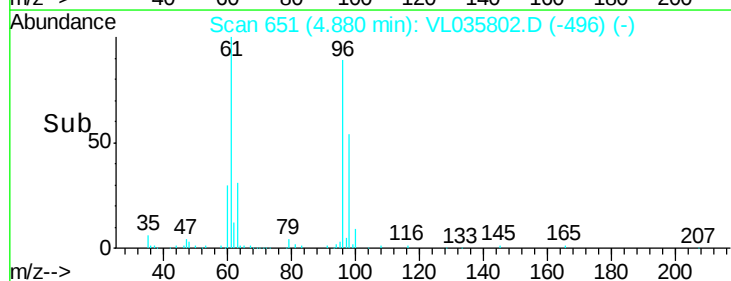
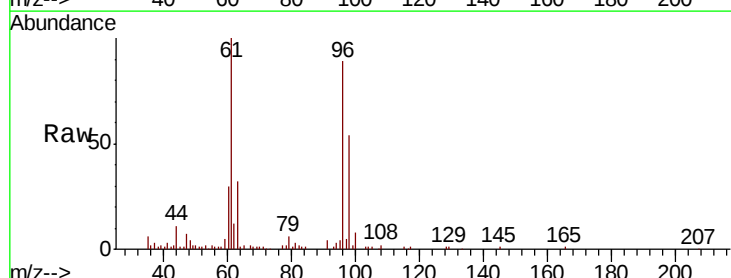
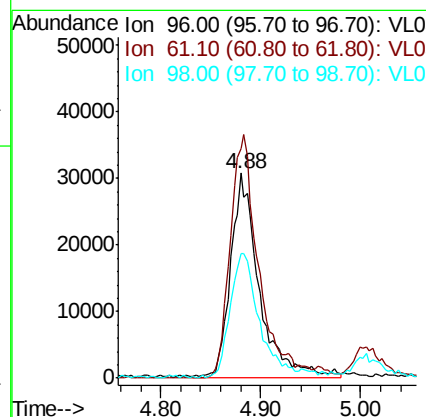
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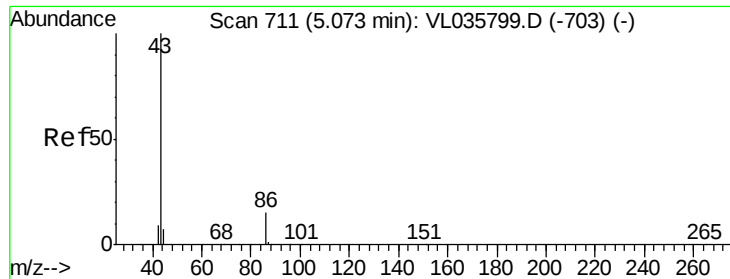
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#22
trans-1,2-Dichloroethene
Concen: 0.565 ppbv m
RT: 4.88 min Scan# 651
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	112.0	95.4	143.0
98	60.7	51.8	77.6





#23

Vinyl Acetate

Concen: 0.687 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

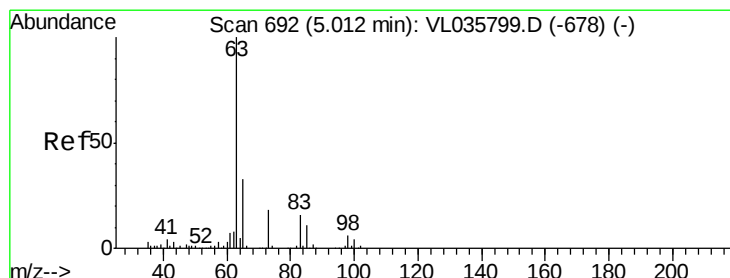
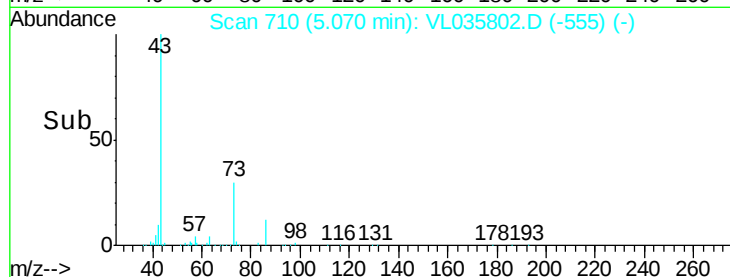
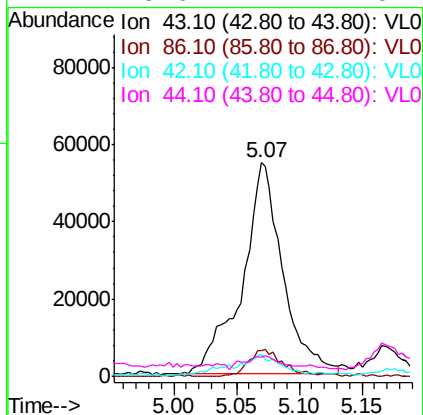
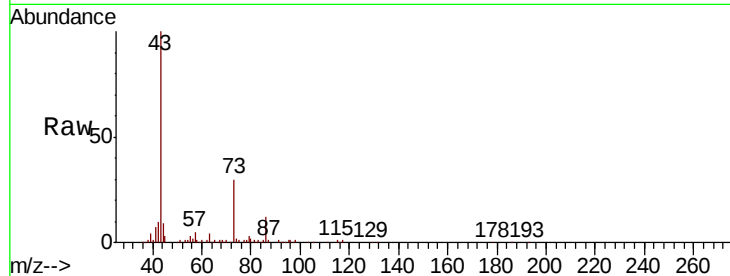
ClientSampleId :

VSTDIC0.5

Tot Ion	43	Resp	122772
Ion	Ratio	Lower	Upper
43	100		
86	11.6	9.8	14.6
42	9.3	8.1	12.1
44	5.6	4.2	6.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 0.527 ppbv

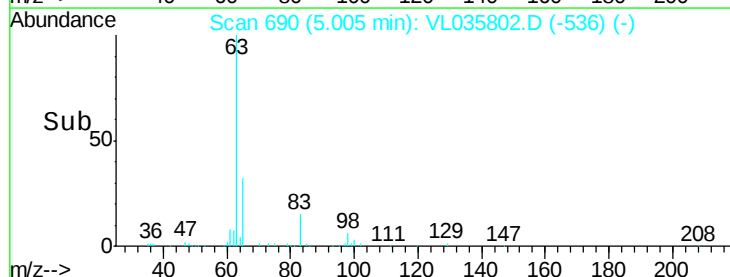
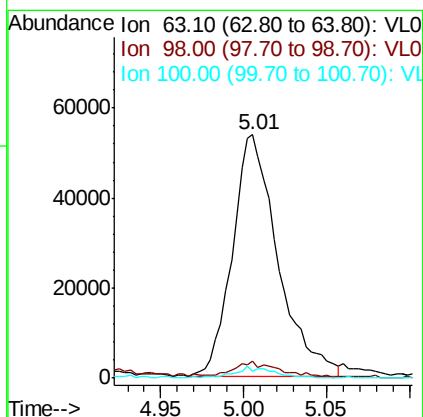
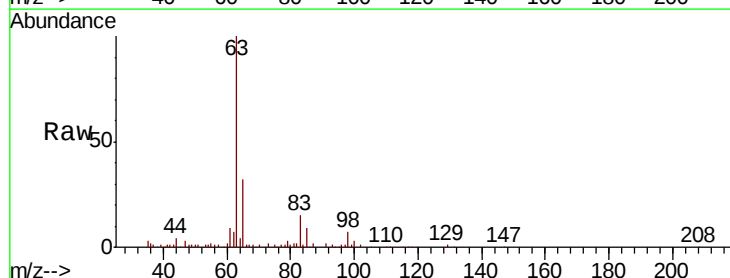
RT: 5.01 min Scan# 690

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Tgt Ion	63	Resp	102592
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	3.0	1.8	5.4





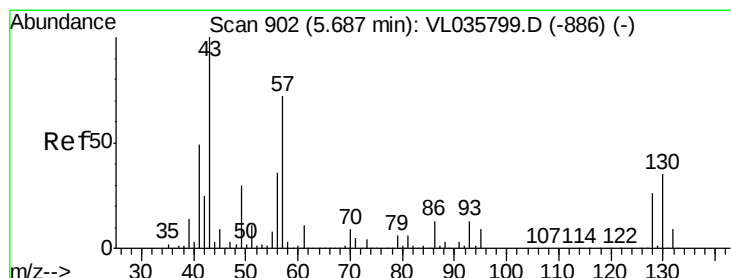
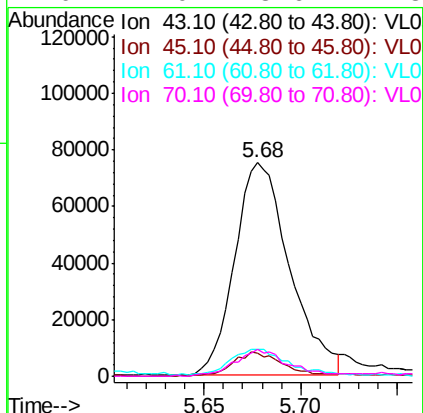
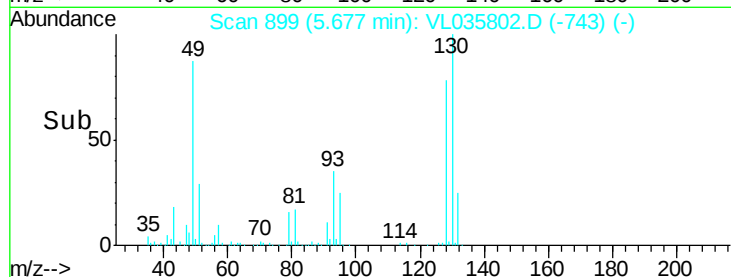
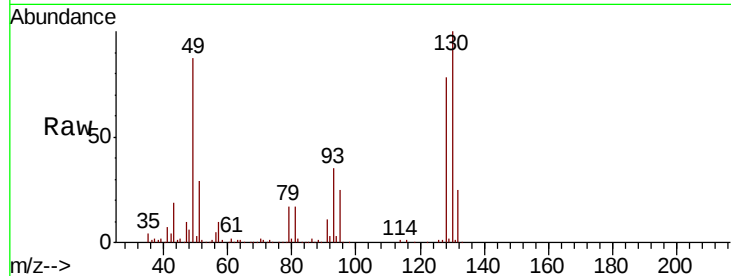
#25
Ethyl Acetate
Concen: 0.566 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.5	12.7
61	14.3	10.7	16.1
70	14.0	8.6	12.8

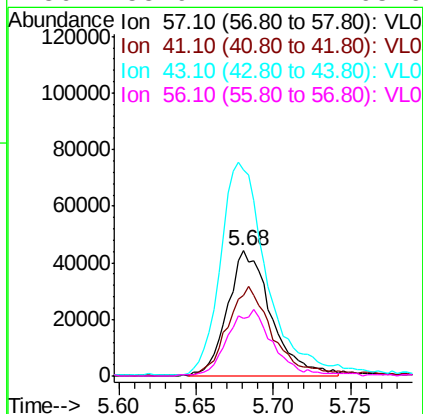
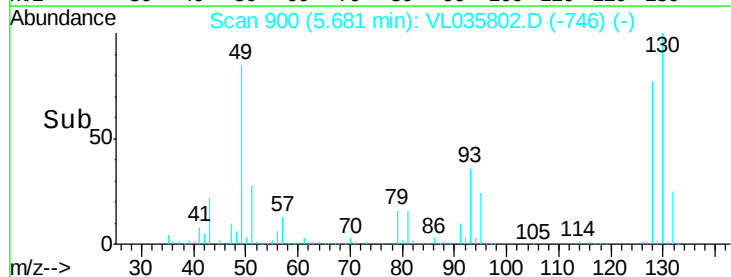
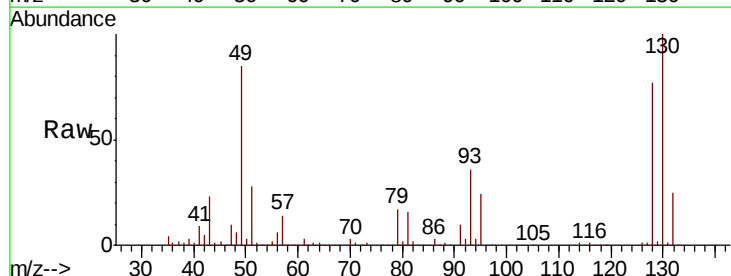
Manual Integrations
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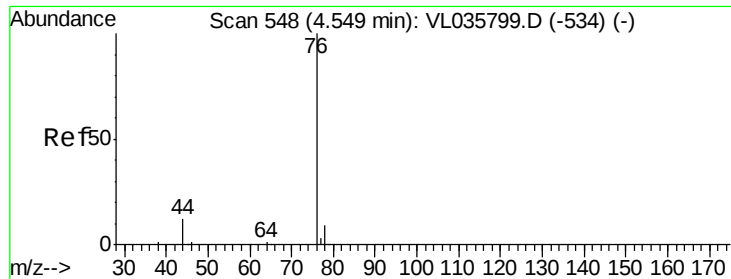
MMDadoda
11/5/2020 2:13:18 PM



#26
Hexane
Concen: 0.605 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
57	100		
41	76.2	58.9	88.3
43	184.7	150.2	225.2
56	55.9	42.4	63.6





#27

Carbon Disulfide

Concen: 0.549 ppbv

RT: 4.55 min Scan# 547

Delta R.T. -0.00 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

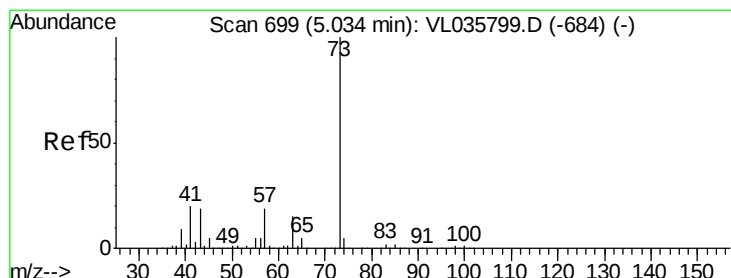
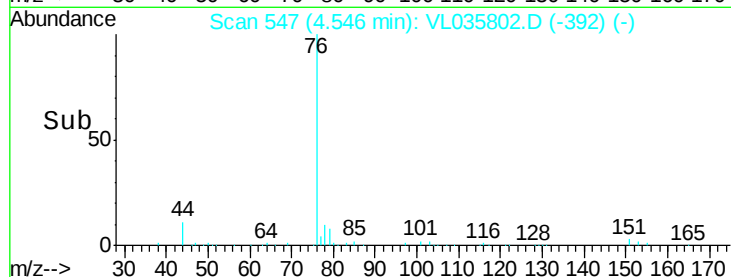
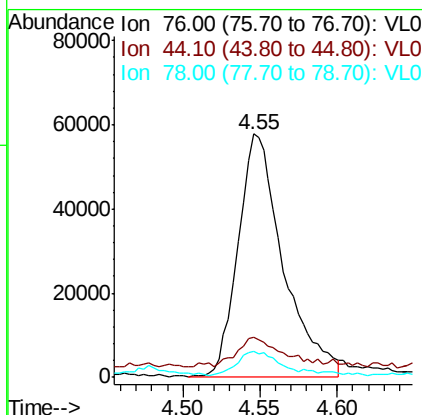
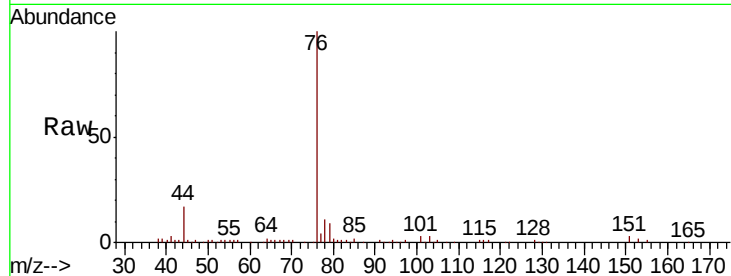
ClientSampleId :

VSTDIC0.5

Tot Ion:	76	Resp:	117728
Ion Ratio	Lower	Upper	
76	100		
44	12.6	9.9	14.9
78	12.4	8.1	12.1#

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#28

Methyl tert-Butyl Ether

Concen: 0.672 ppbv

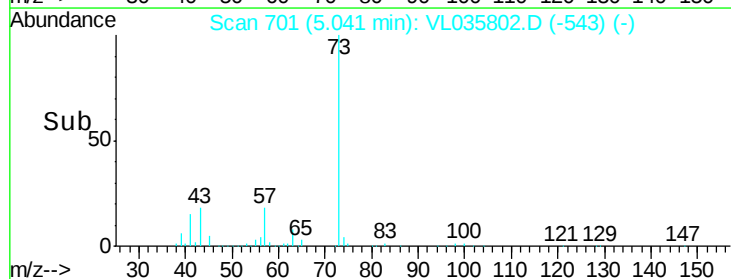
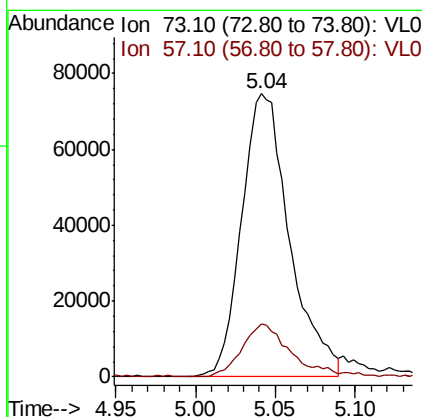
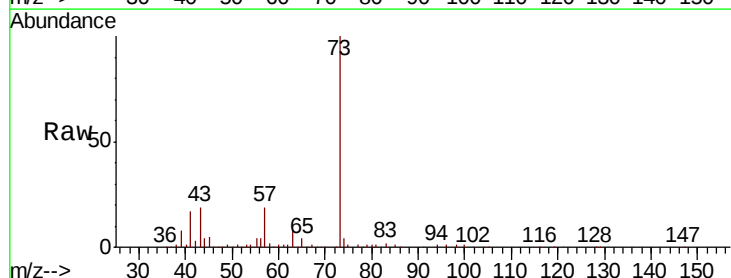
RT: 5.04 min Scan# 701

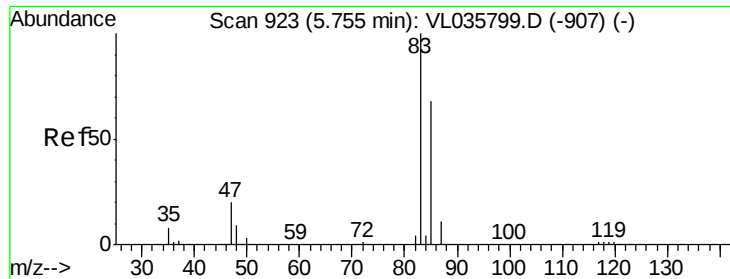
Delta R.T. 0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Tgt Ion:	73	Resp:	153276
Ion Ratio	Lower	Upper	
73	100		
57	19.1	15.4	23.2





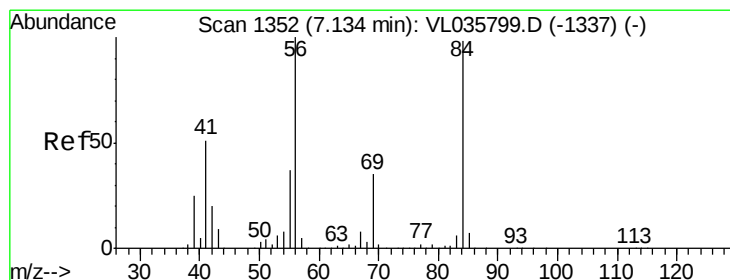
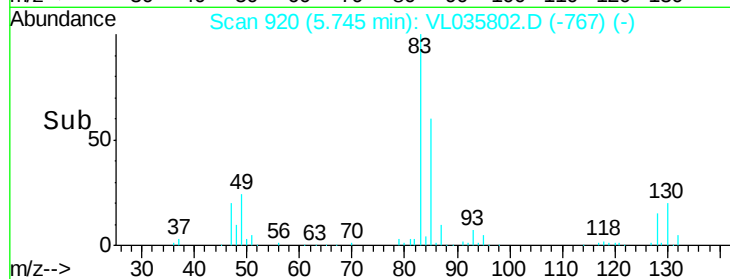
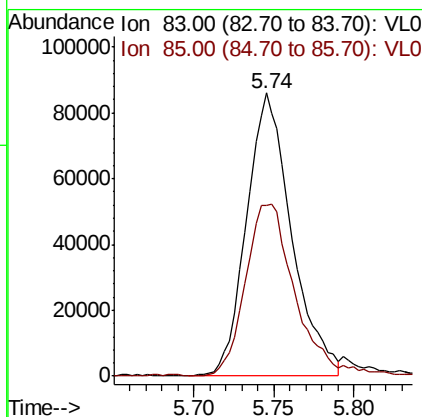
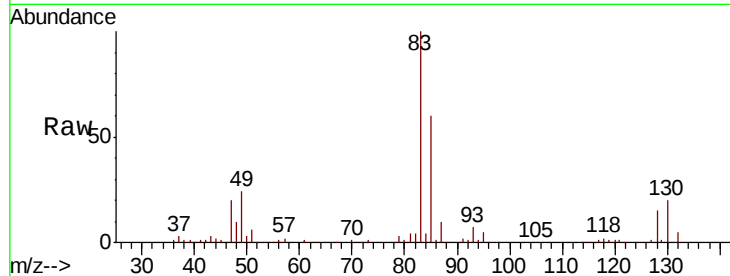
#29
Chloroform
Concen: 0.569 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	83	Resp	166365
Ion Ratio	100	Lower	Upper
83	100		
85	60.1	54.6	81.8

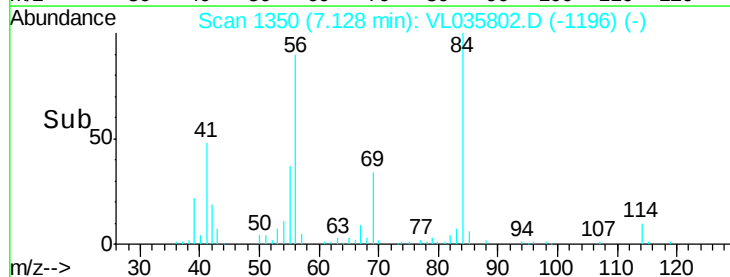
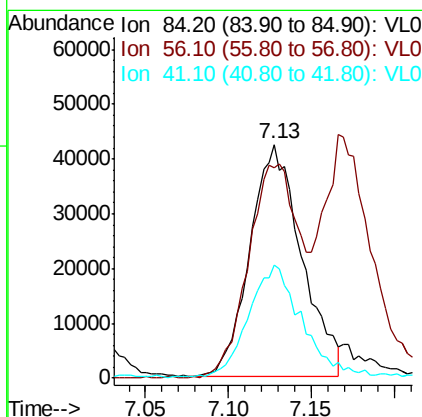
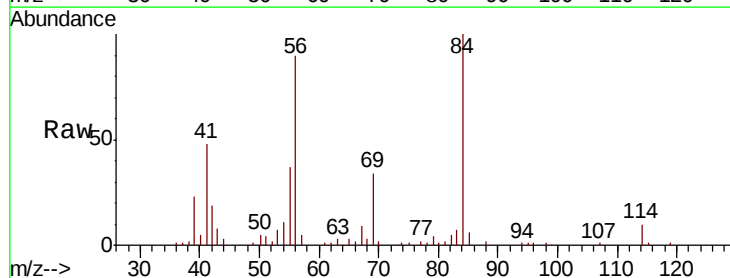
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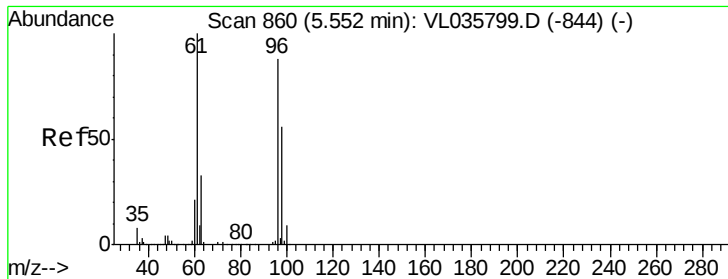
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#30
Cyclohexane
Concen: 0.646 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	84	Resp	91664
Ion Ratio	100	Lower	Upper
84	100		
56	89.2	86.4	129.6
41	52.9	42.1	63.1





#31

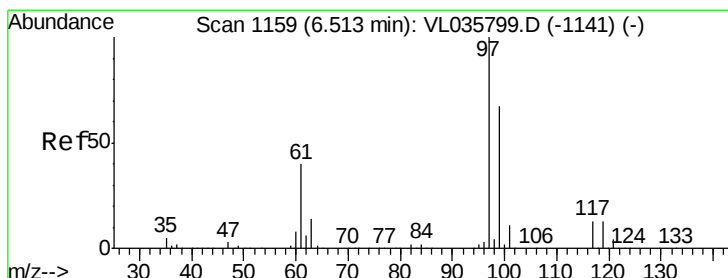
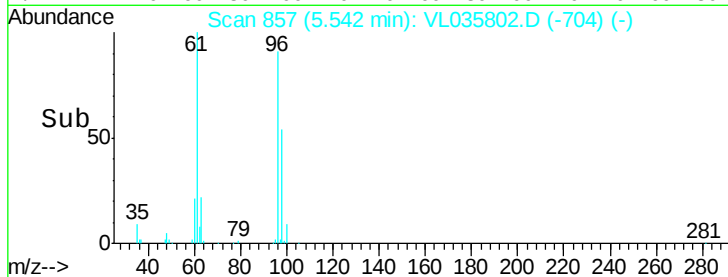
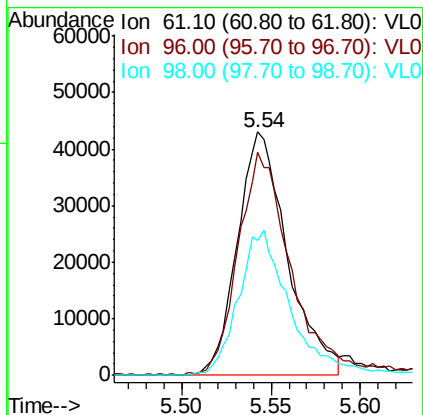
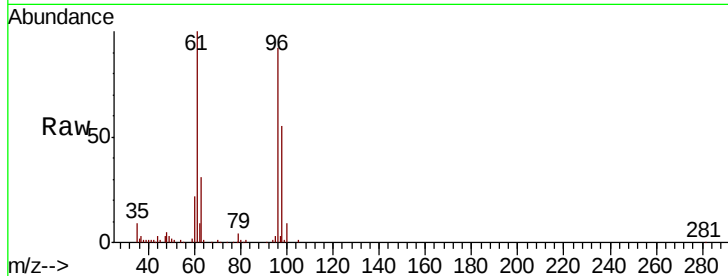
cis-1,2-Dichloroethene
Concen: 0.608 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
61	100		
96	90.5	70.3	105.5
98	55.4	45.0	67.6

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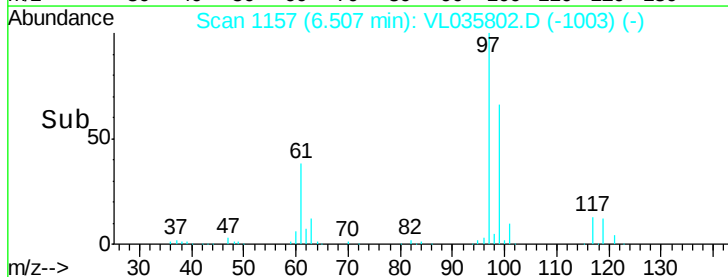
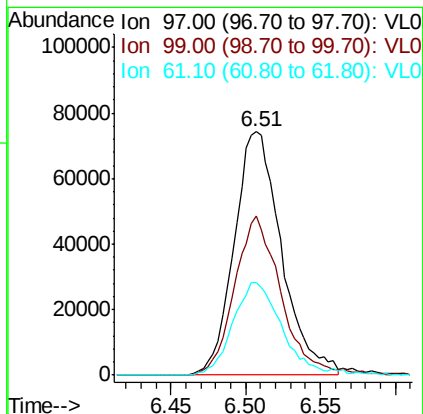
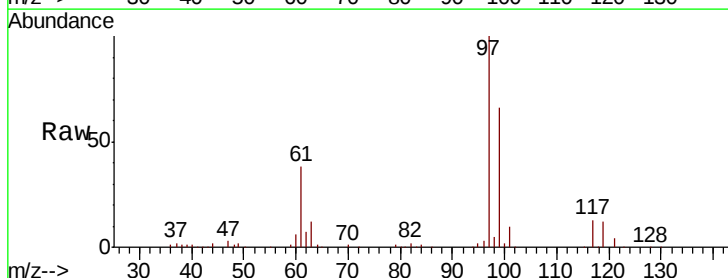
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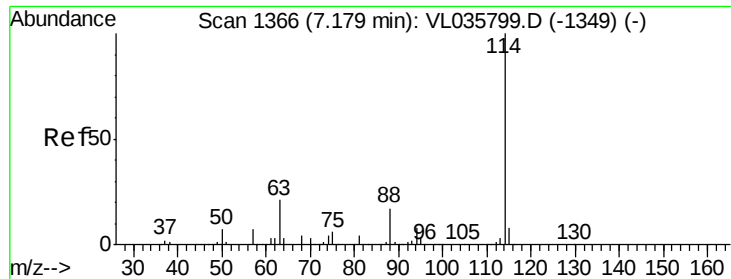


#32

1,1,1-Trichloroethane
Concen: 0.631 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	40.0	32.0	48.0





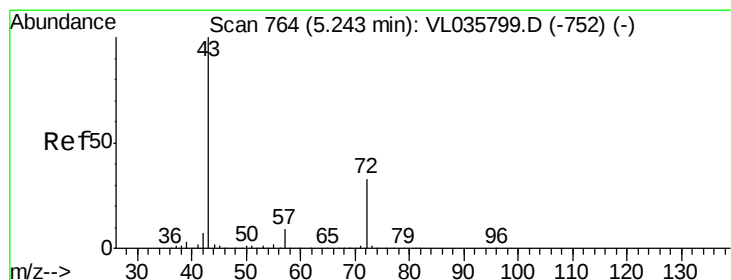
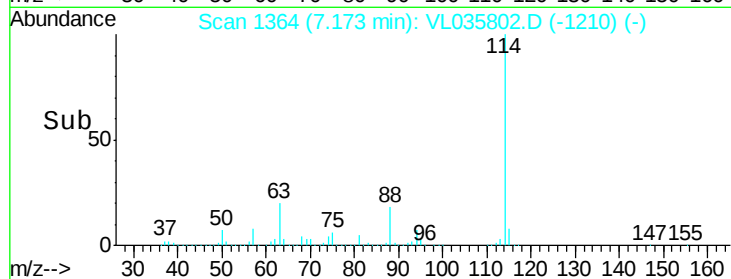
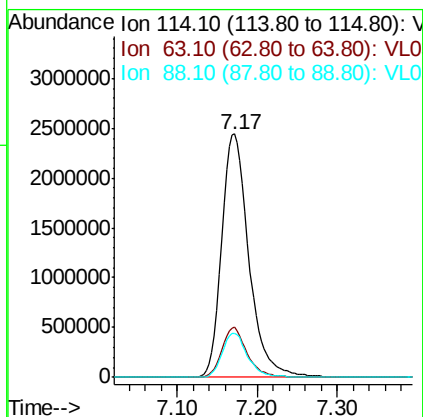
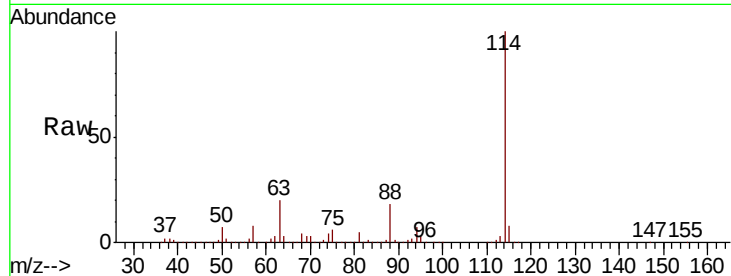
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion:114 Resp: 5715152
 Ion Ratio Lower Upper
 114 100
 63 19.1 16.1 24.1
 88 17.2 13.7 20.5

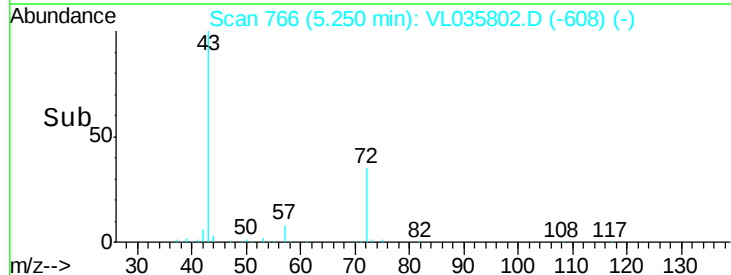
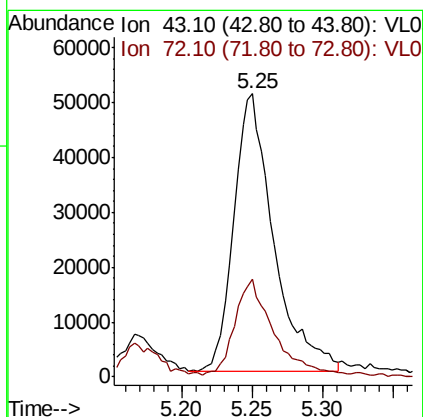
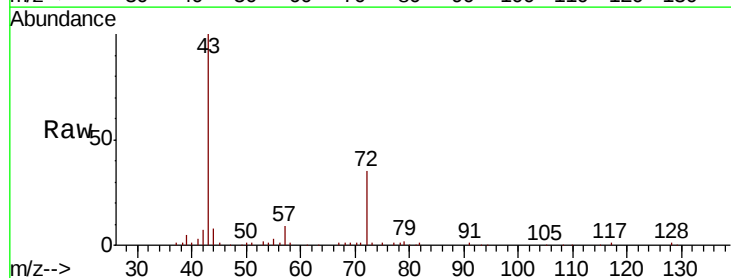
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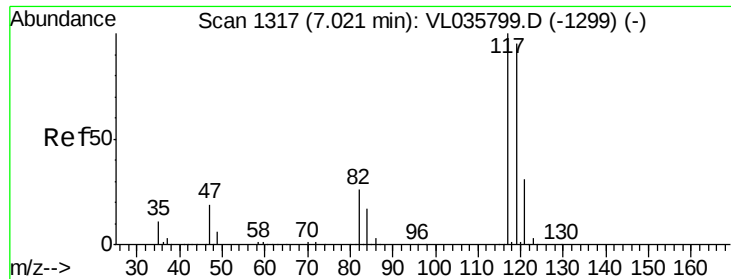
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#34
 2-Butanone
 Concen: 0.527 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Tgt Ion: 43 Resp: 99628
 Ion Ratio Lower Upper
 43 100
 72 36.2 26.5 39.7





#35

Carbon Tetrachloride

Concen: 0.520 ppbv

RT: 7.02 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

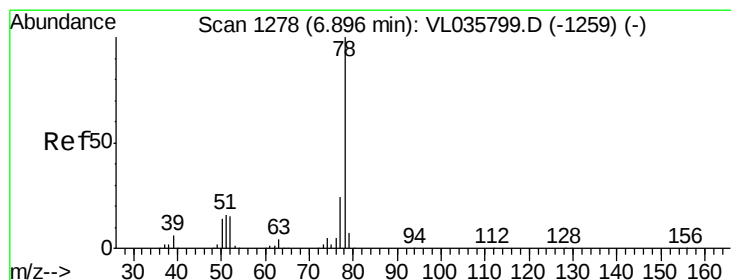
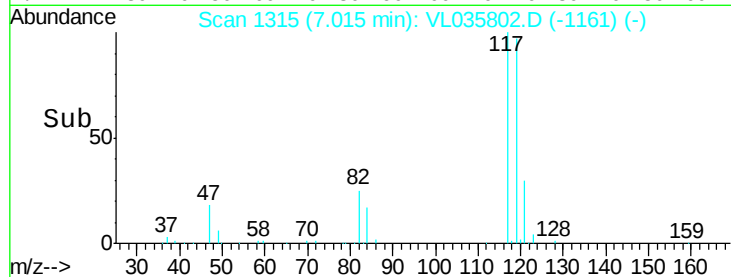
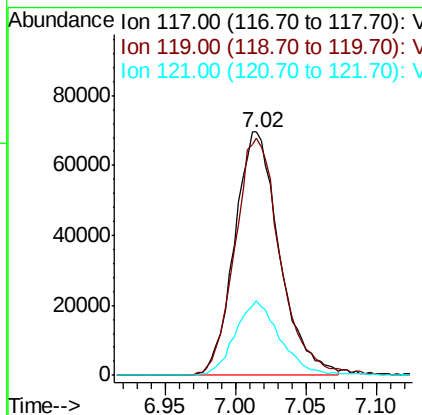
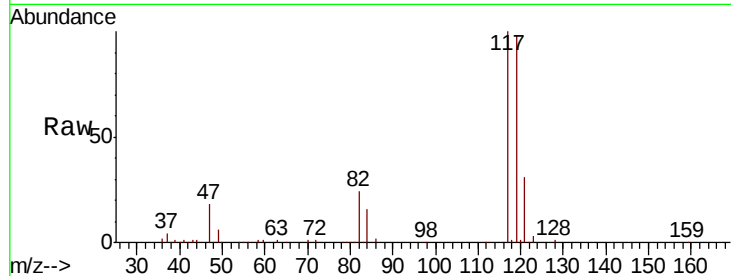
ClientSampleId :

VSTDIC0.5

Tot Ion:	117	Resp:	155087
Ion Ratio	Lower	Upper	
117	100		
119	97.6	75.6	113.4
121	30.7	25.1	37.7

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#36

Benzene

Concen: 0.625 ppbv

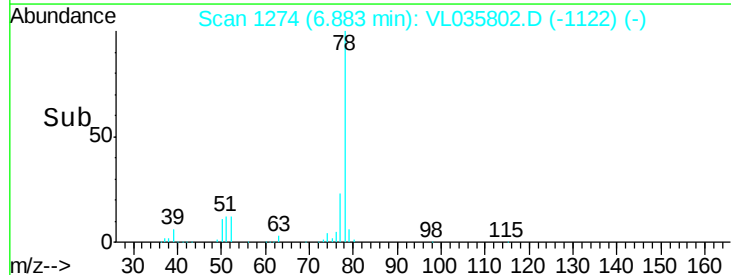
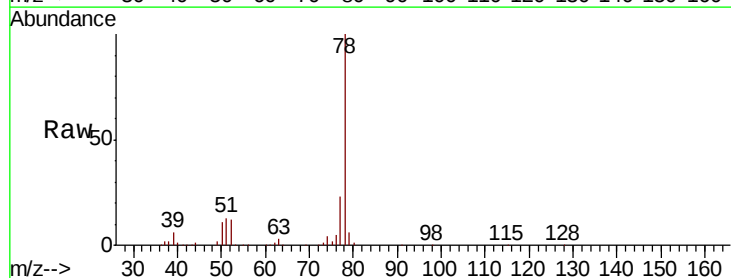
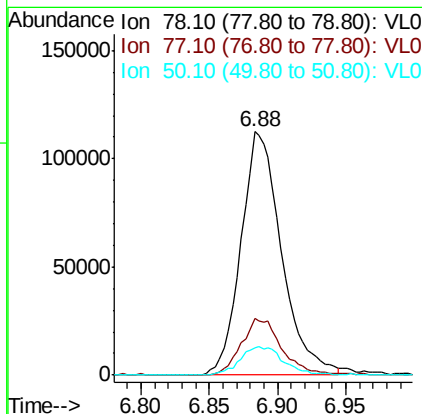
RT: 6.88 min Scan# 1274

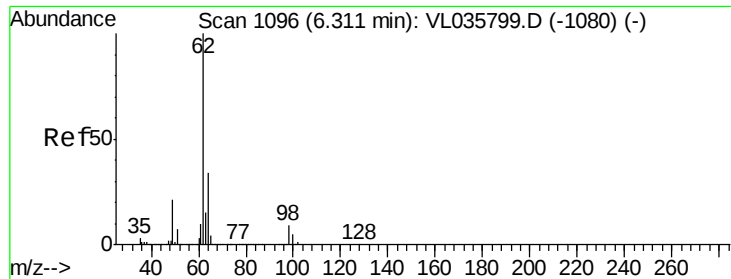
Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Tgt Ion:	78	Resp:	232662
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.3	28.9
50	11.4	11.4	17.2#





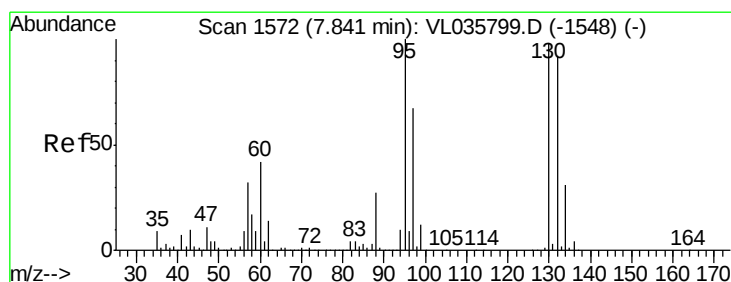
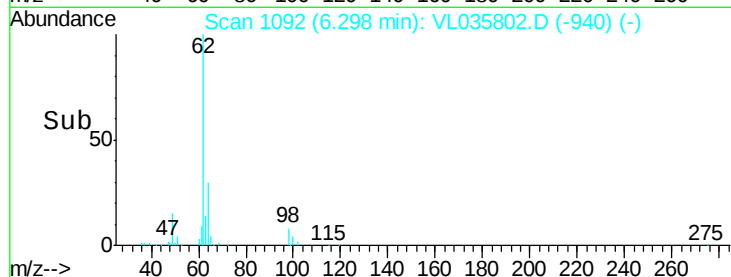
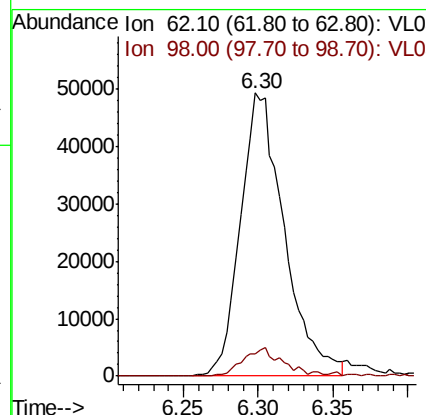
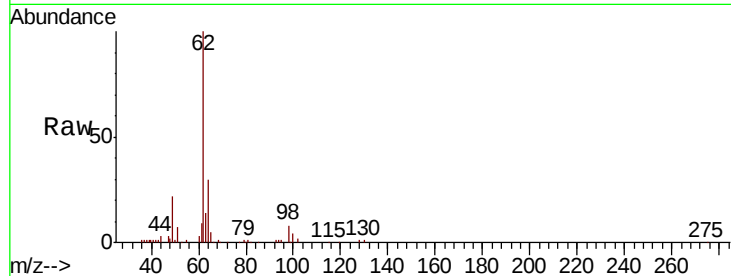
#37
 1,2-Dichloroethane
 Concen: 0.518 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Resp	Lower	Upper
62	100	100579		
98	9.8		6.9	10.3

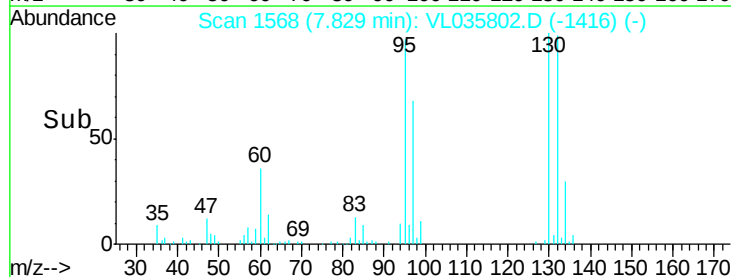
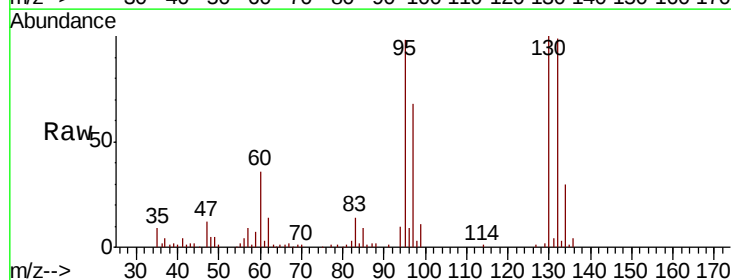
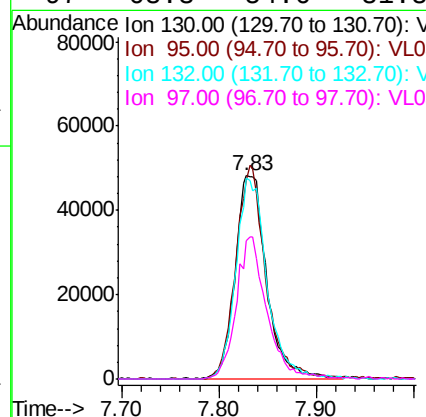
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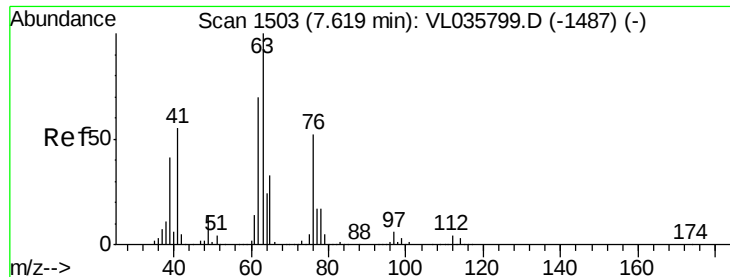
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#38
 Trichloroethene
 Concen: 0.587 ppbv m
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	108988		
95	97.6		81.6	122.4
132	98.8		75.1	112.7
97	68.3		54.6	81.8





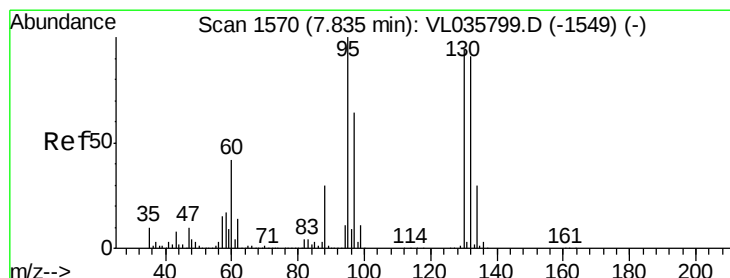
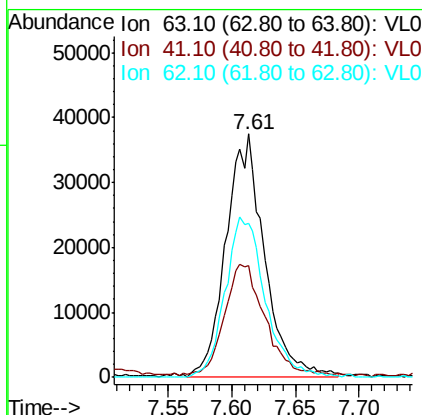
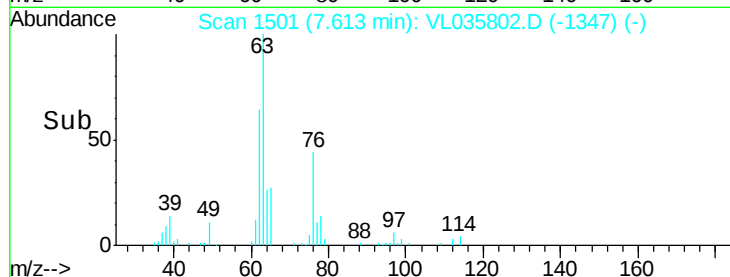
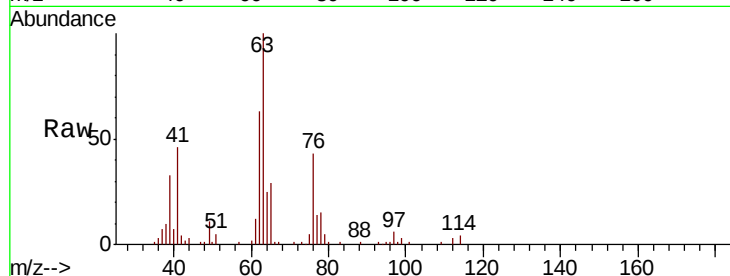
#39
 1,2-Dichloropropane
 Concen: 0.586 ppbv m
 RT: 7.61 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
63	100		
41	46.1	43.8	65.6
62	63.3	56.2	84.2

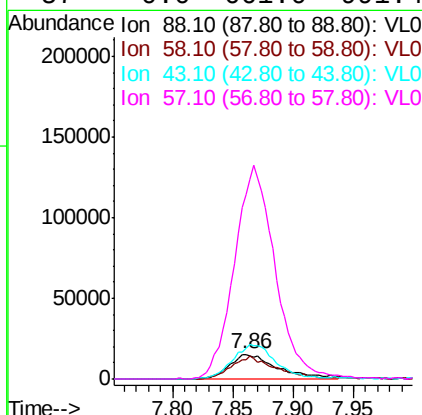
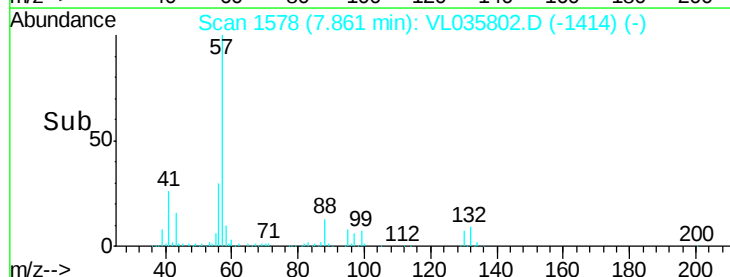
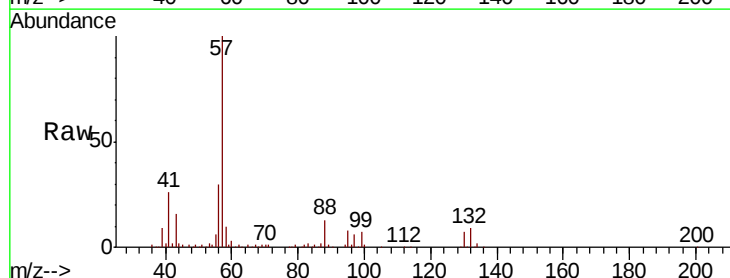
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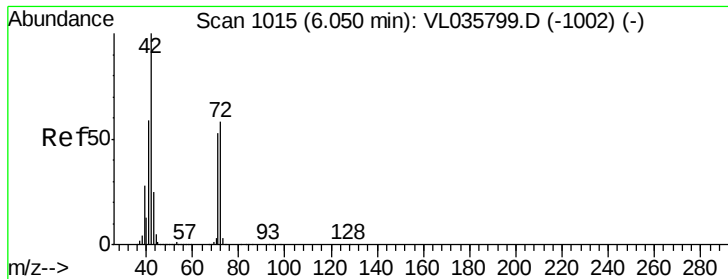
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#40
 1,4-Dioxane
 Concen: 0.695 ppbv m
 RT: 7.86 min Scan# 1578
 Delta R.T. 0.03 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	76.2	114.2#
43	0.0	123.1	184.7#
57	0.0	661.0	991.4#





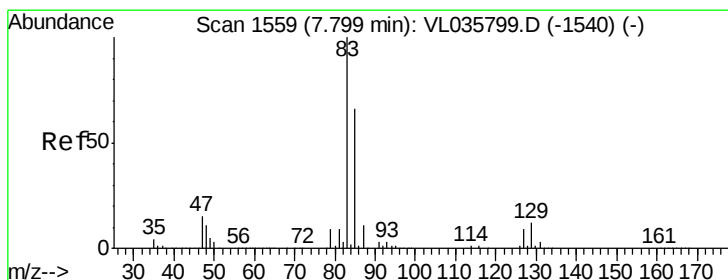
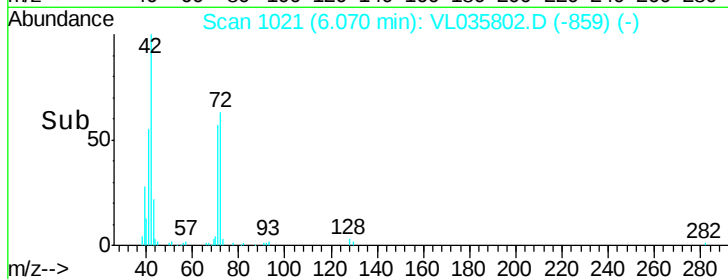
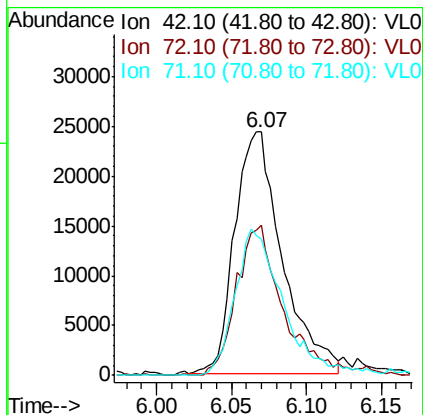
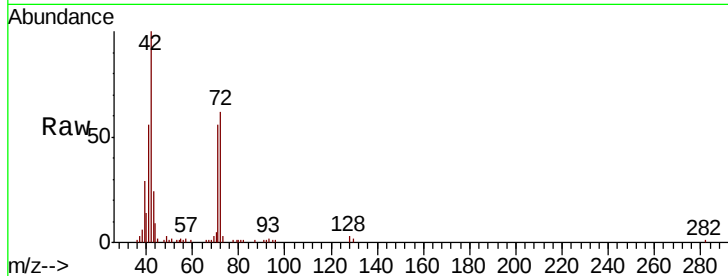
#41
Tetrahydrofuran
Concen: 0.564 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.02 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
42	100		
72	62.0	45.4	68.0
71	62.2	43.4	65.2

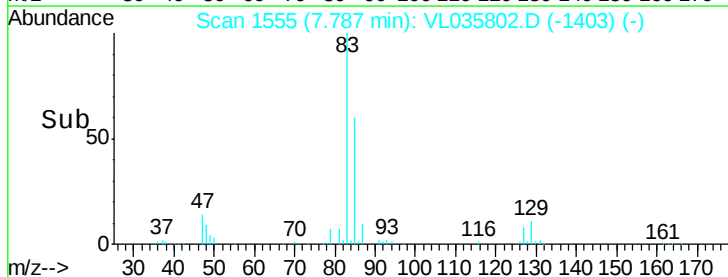
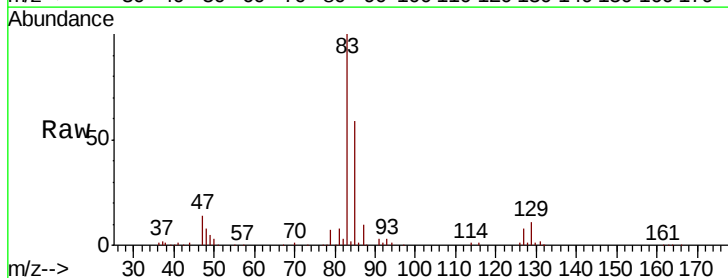
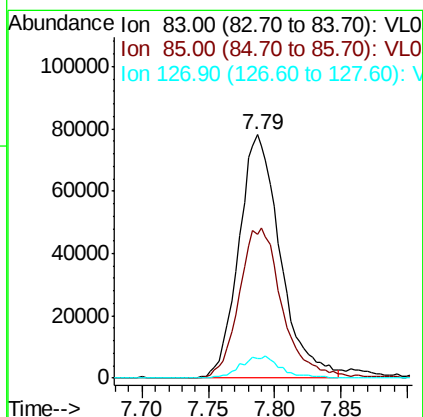
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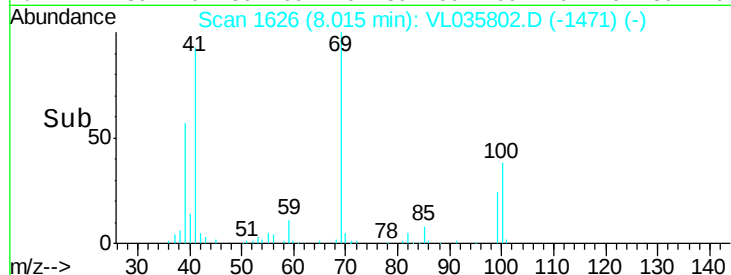
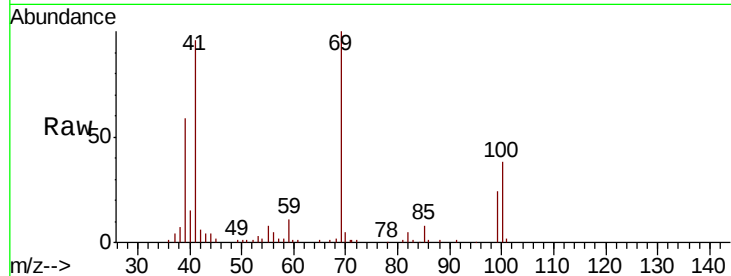
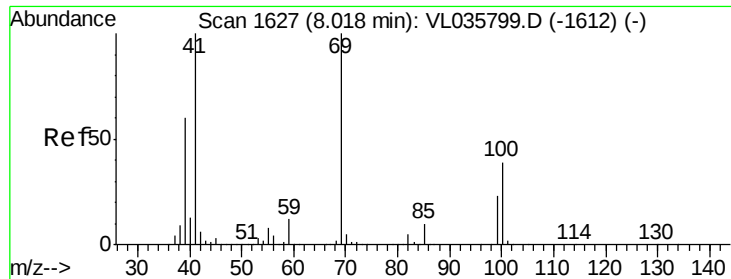
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#42
Bromodichloromethane
Concen: 0.545 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.2	53.1	79.7
127	8.1	7.3	10.9





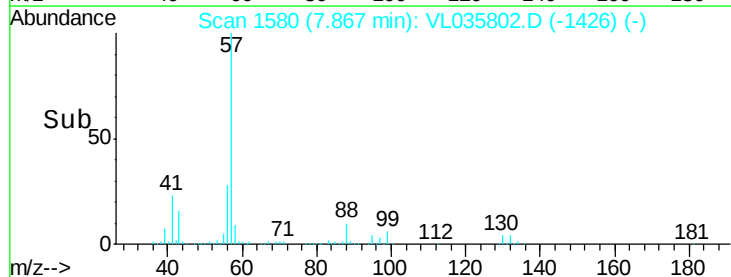
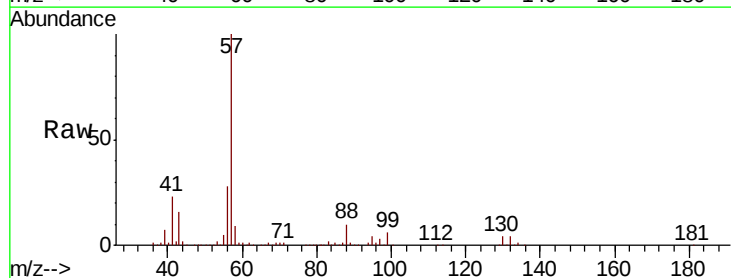
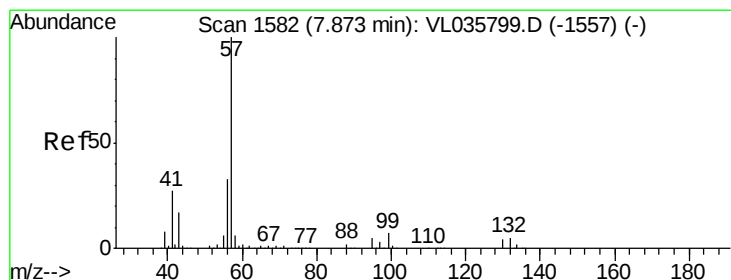
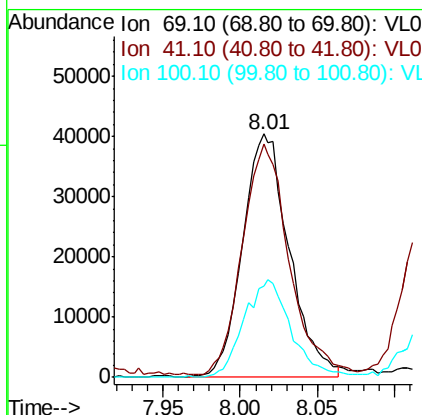
#43
Methvl Methacrilate
Concen: 0.573 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tot Ion	Ratio	Lower	Upper
69	100		
41	95.9	81.1	121.7
100	40.2	31.0	46.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

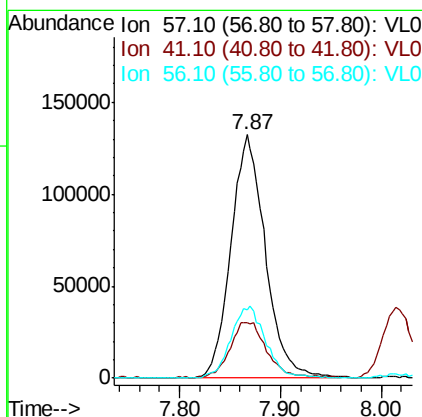
Manual Integrations
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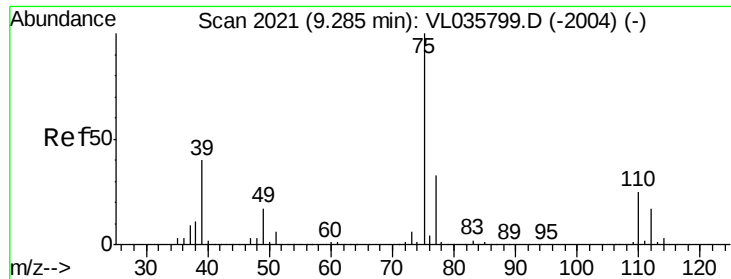
MMDadoda
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#44
2,2,4-Trimethylpentane
Concen: 0.587 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
57	100		
41	24.3	21.0	31.4
56	30.2	25.4	38.0





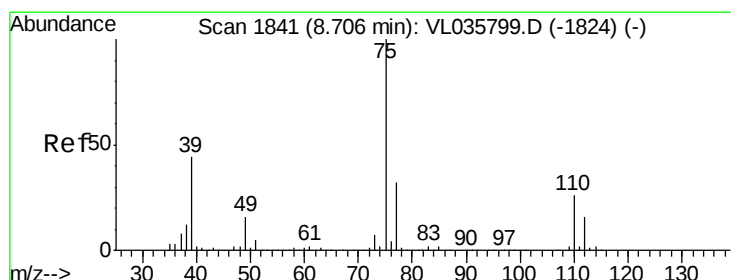
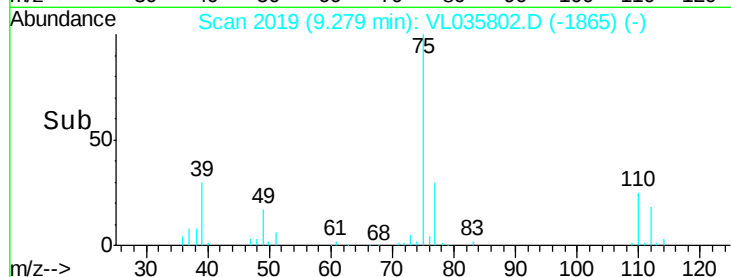
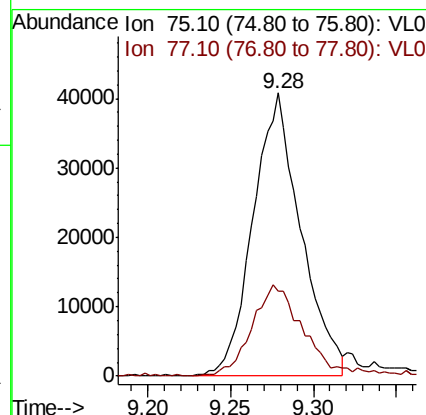
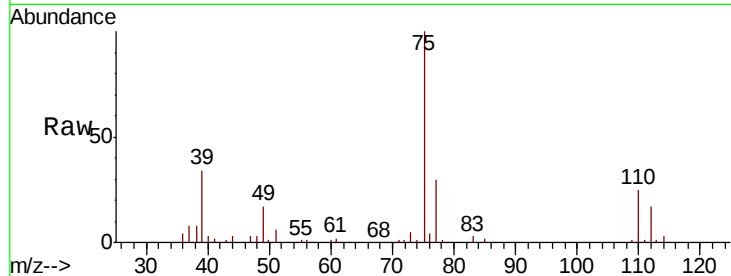
#45
t-1,3-Dichloropropene
Concen: 0.547 ppbv
RT: 9.28 min Scan# 2019
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion: 75 Resp: 81753
Ion Ratio Lower Upper
75 100
77 30.2 26.4 39.6

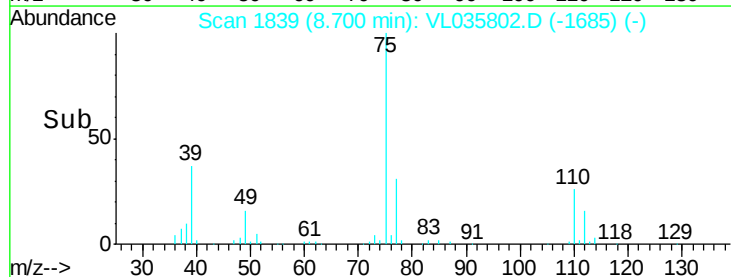
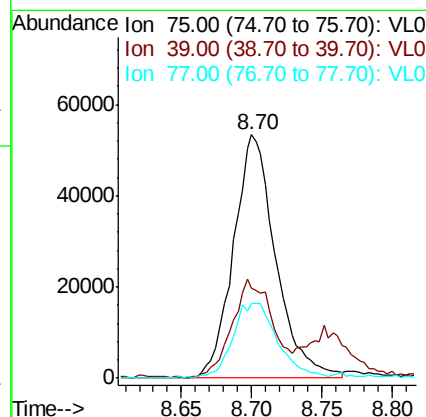
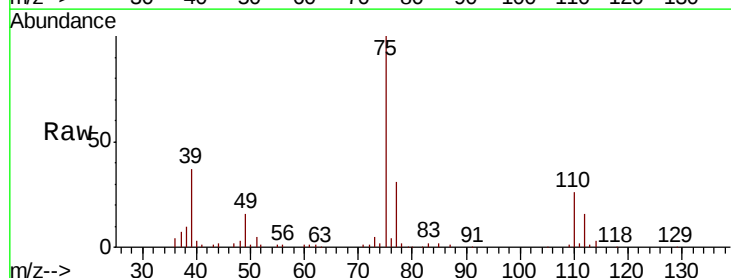
Manual Integrations
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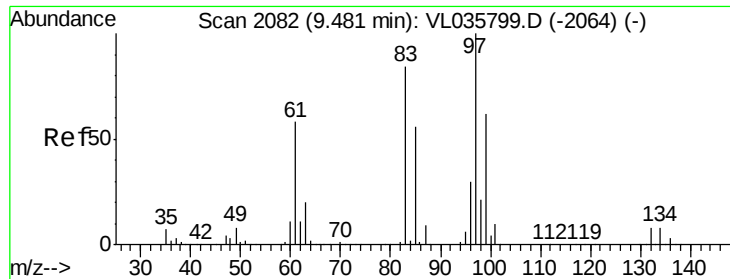
MMDadoda
11/5/2020 2:13:18 PM



#46
cis-1,3-Dichloropropene
Concen: 0.607 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 75 Resp: 111833
Ion Ratio Lower Upper
75 100
39 36.3 35.1 52.7
77 30.7 25.7 38.5





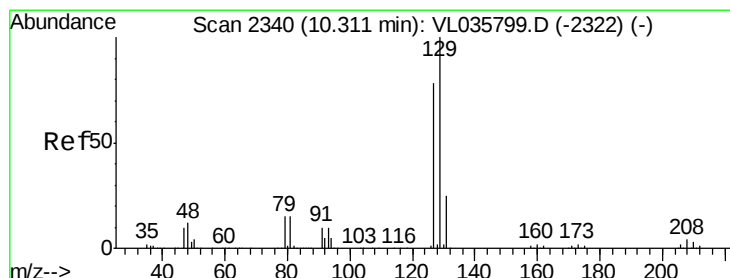
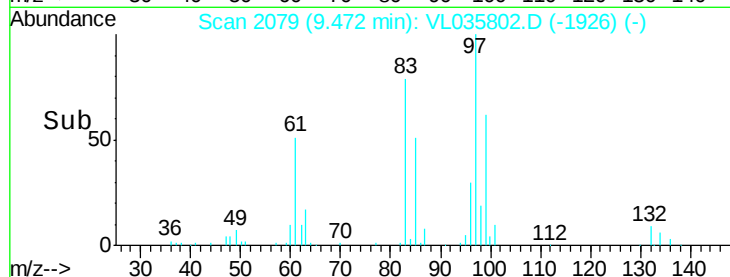
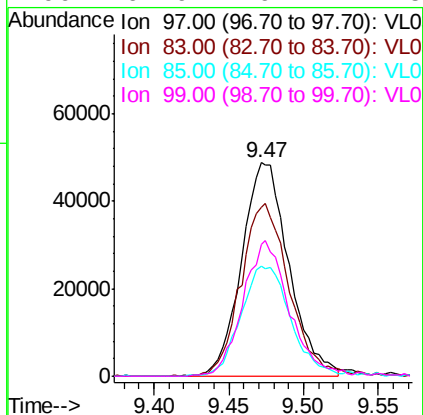
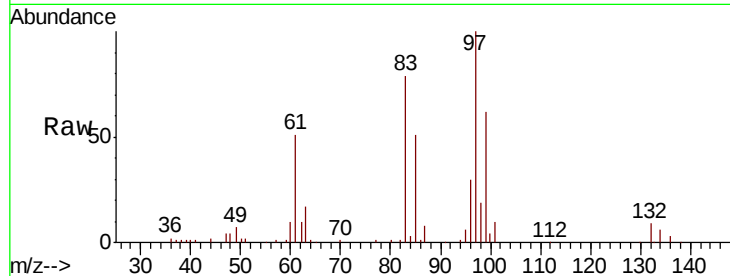
#47
 1,1,2-Trichloroethane
 Concen: 0.550 ppbv
 RT: 9.47 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion:	97	Resp:	106354
Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.1	100.7
85	51.2	44.7	67.1
99	61.9	49.7	74.5

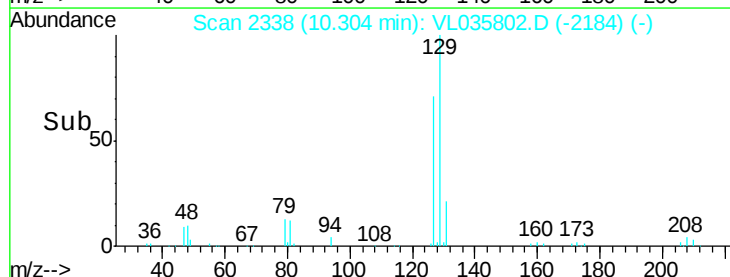
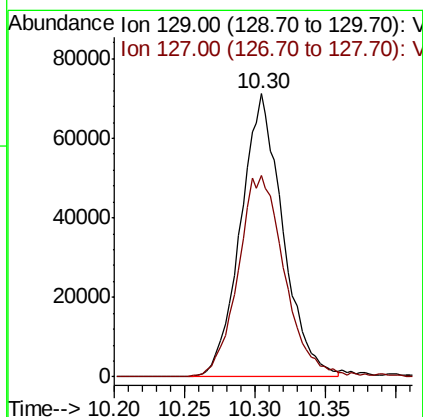
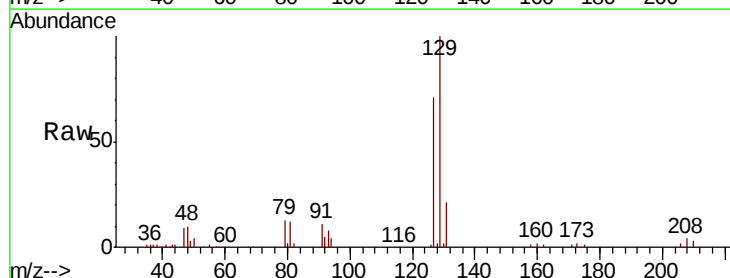
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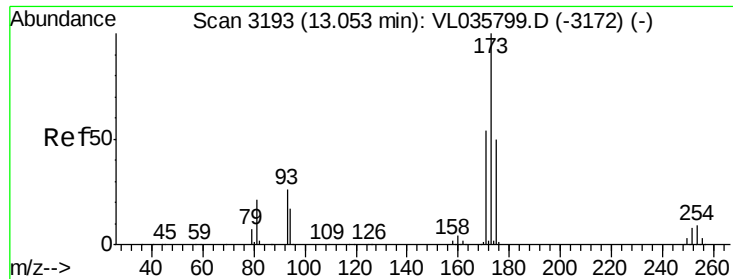
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#48
 Dibromochloromethane
 Concen: 0.507 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Tgt Ion:	129	Resp:	149153
Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.2	117.6





#49

Bromoform

Concen: 0.499 ppbv

RT: 13.04 min Scan# 3189

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

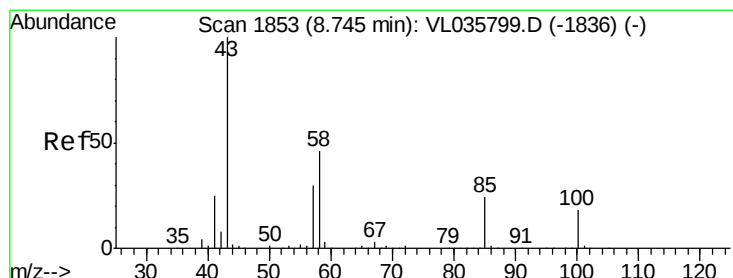
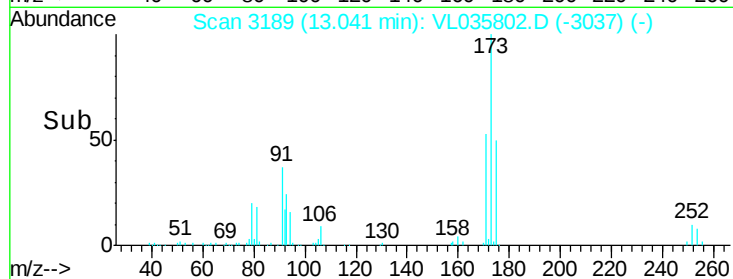
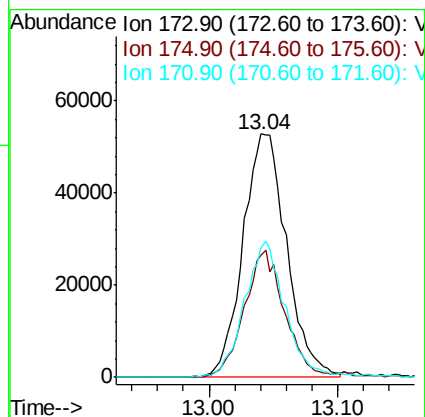
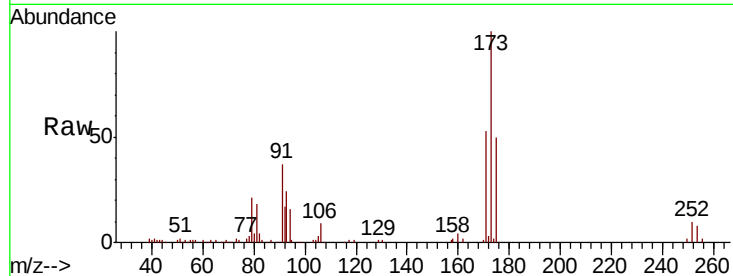
ClientSampleId :

VSTDIC0.5

Tot Ion:	173	Resp:	124509
Ion Ratio	Lower	Upper	
173	100		
175	49.5	40.1	60.1
171	52.6	42.6	63.8

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#50

4-Methyl-2-Pentanone

Concen: 0.534 ppbv

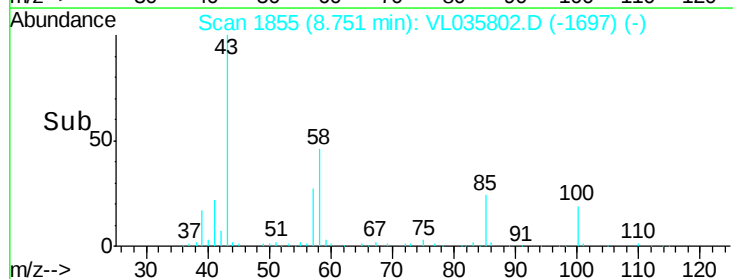
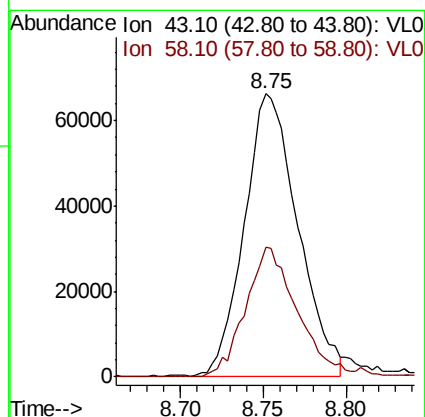
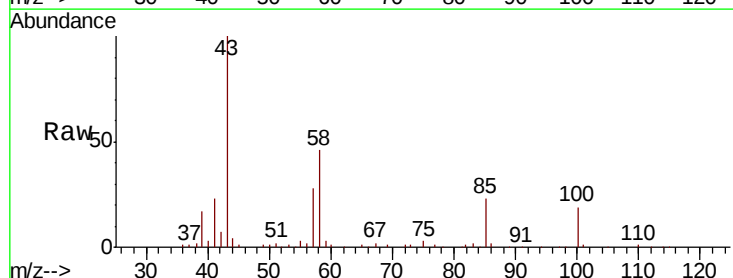
RT: 8.75 min Scan# 1855

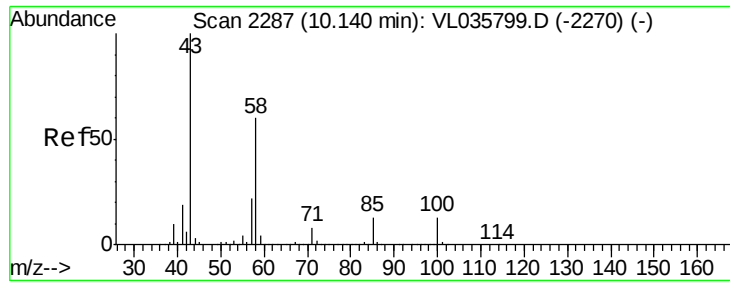
Delta R.T. 0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Tgt Ion:	43	Resp:	147510
Ion Ratio	Lower	Upper	
43	100		
58	45.9	36.0	54.0





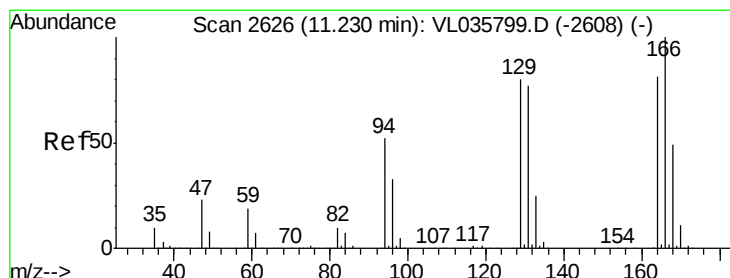
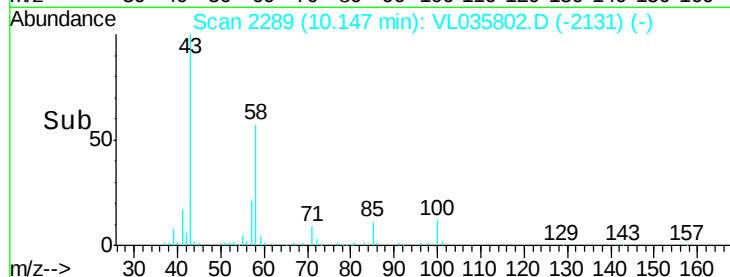
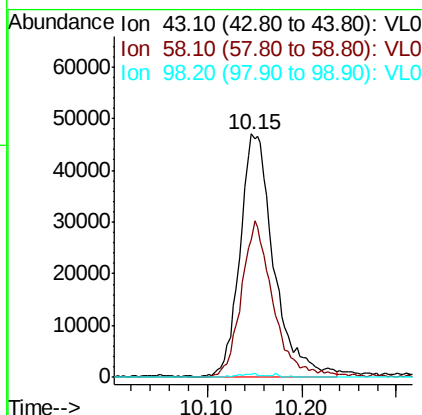
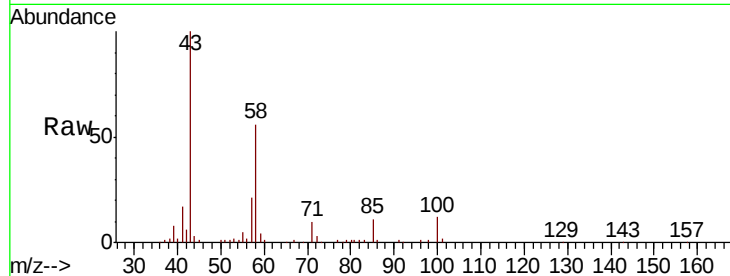
#51
2-Hexanone
Concen: 0.528 ppbv m
RT: 10.15 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.3	72.5#
98	0.0	0.6	0.8#

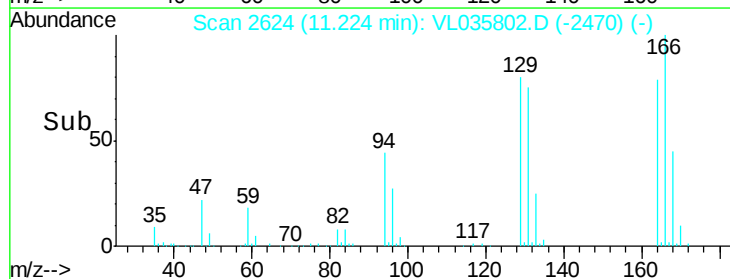
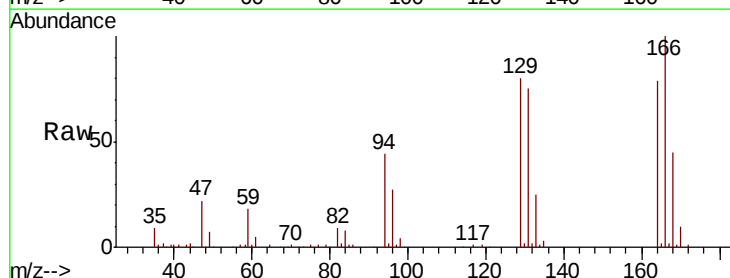
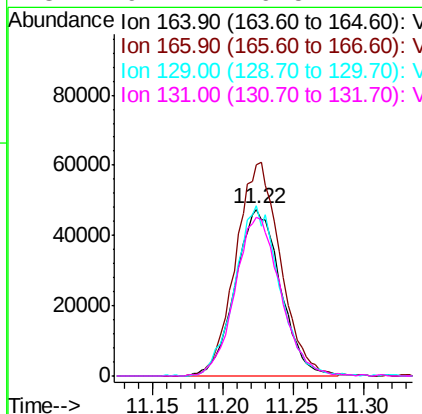
Manual Integrations
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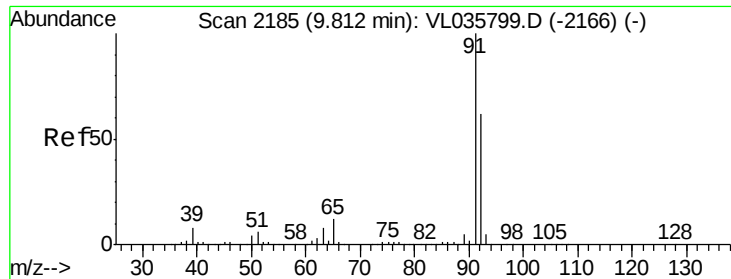
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#52
Tetrachloroethene
Concen: 0.596 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	99.3	148.9
129	101.8	79.3	118.9
131	94.7	76.5	114.7





#53

Toluene

Concen: 0.652 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

ClientSampled :

VSTDIC0.5

Tot Ion: 91 Resp: 286471

Ion Ratio Lower Upper

91 100

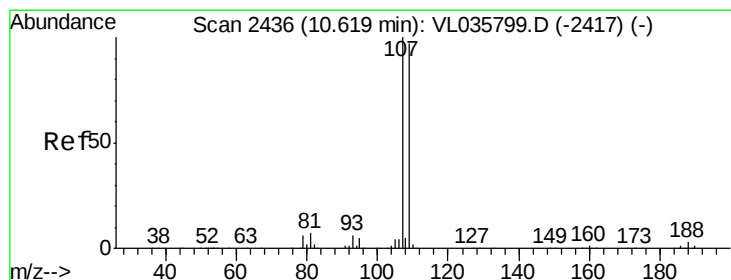
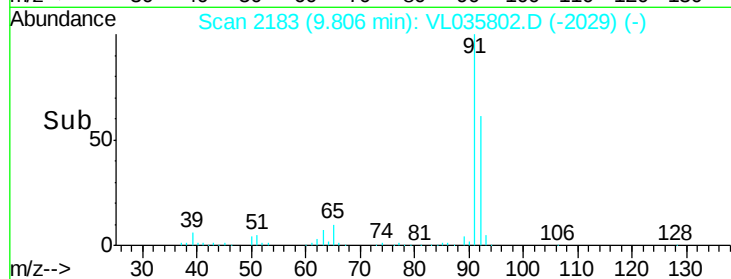
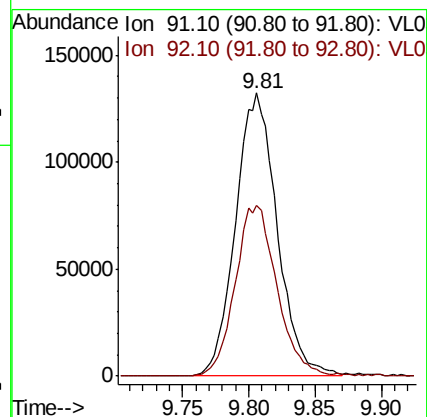
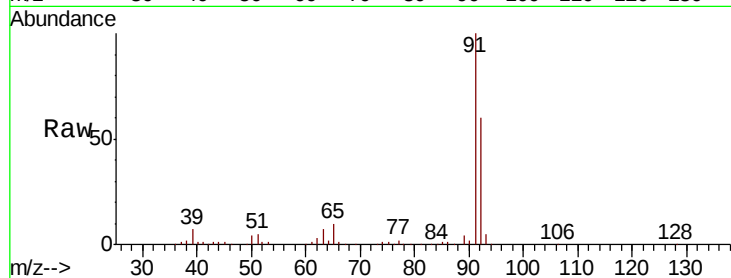
92 61.5 49.8 74.6

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 0.547 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.01 min

Lab File: VL035802.D

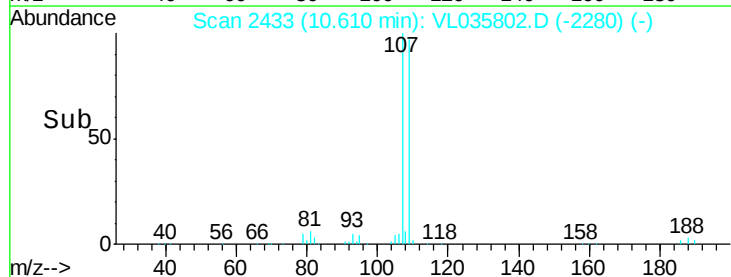
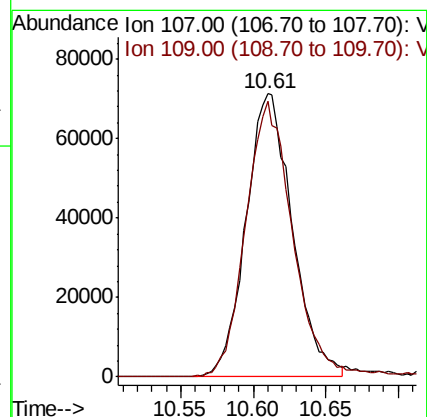
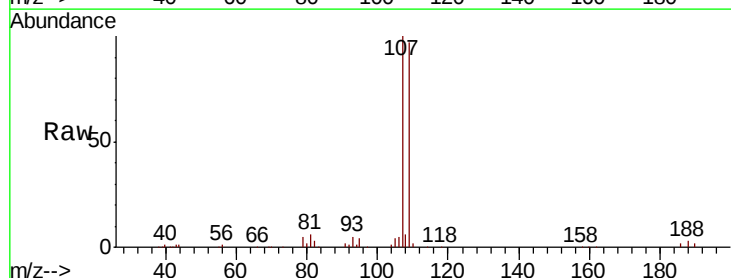
Acq: 3 Nov 2020 12:25

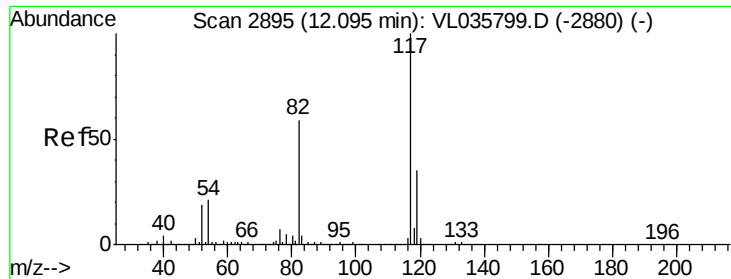
Tgt Ion: 107 Resp: 158474

Ion Ratio Lower Upper

107 100

109 97.4 77.2 115.8





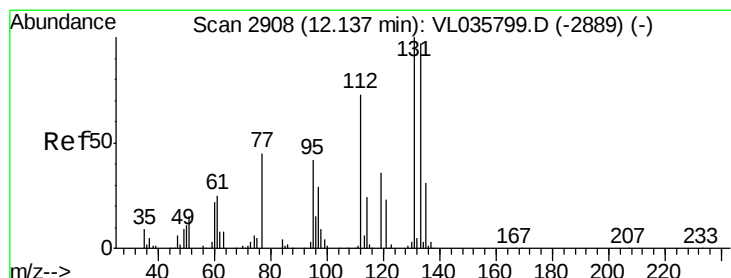
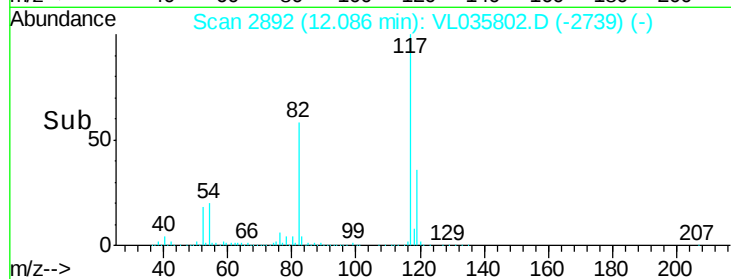
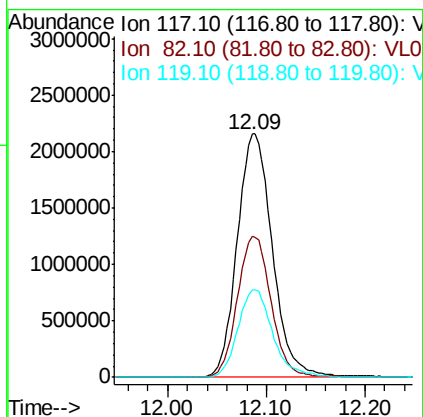
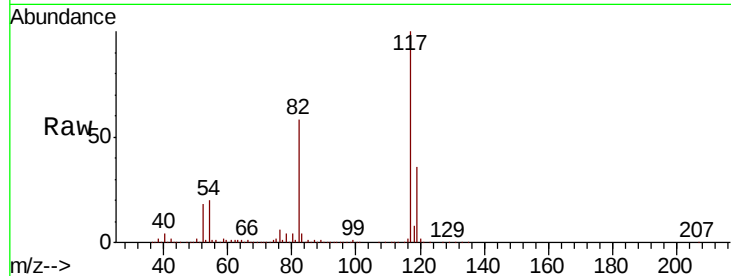
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	50.6	76.0
119	36.3	52.6	78.8#

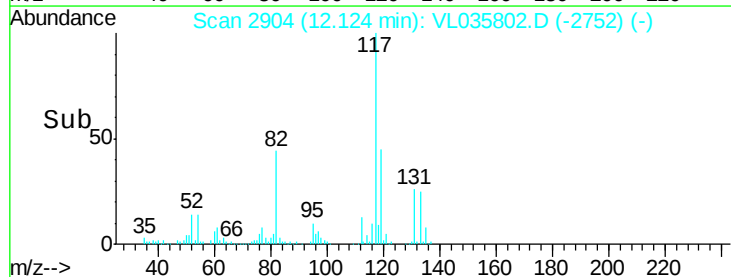
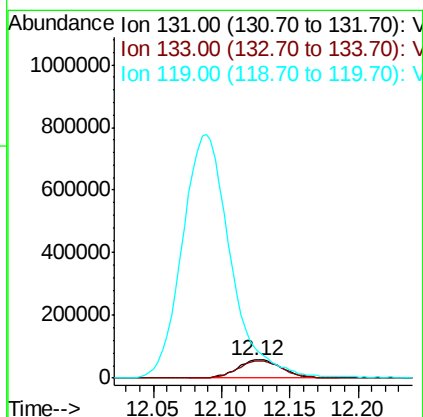
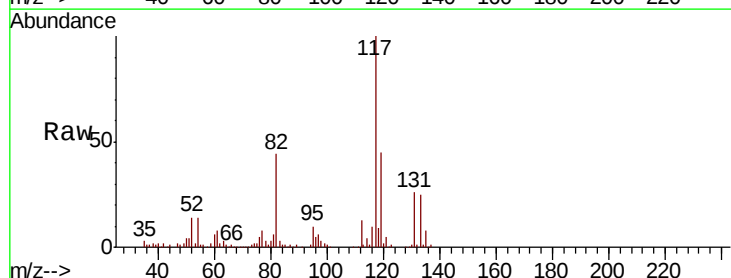
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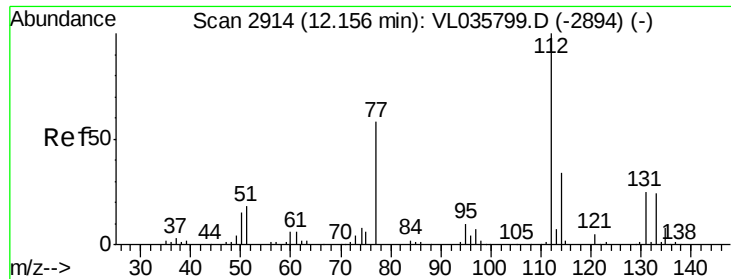
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#56
1,1,1,2-Tetrachloroethane
Concen: 0.595 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	76.8	115.2
119	1447.1	47.4	71.0#





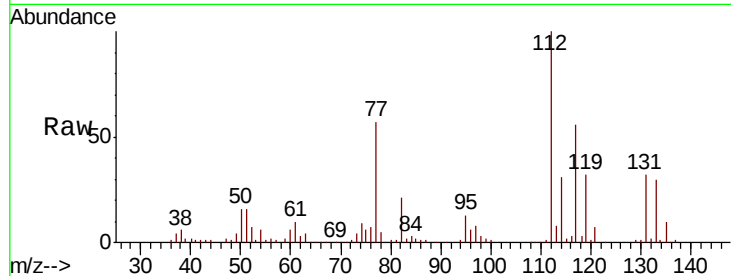
#57
Chlorobenzene
Concen: 0.618 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
112	100		
77	56.0	47.5	71.3
114	30.7	30.3	37.1

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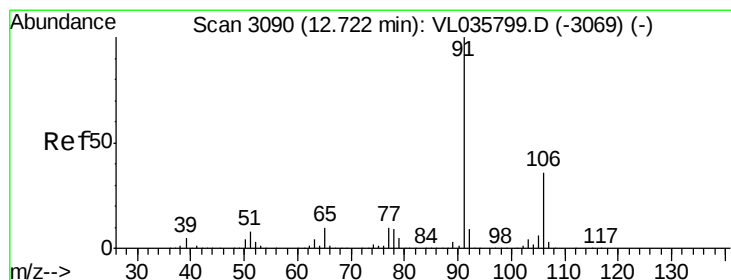
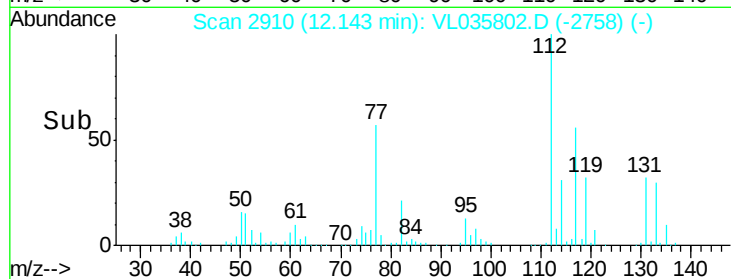
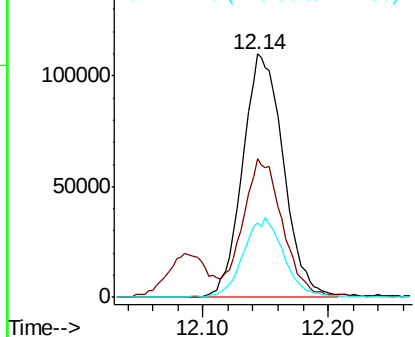


Abundance

Ion 112.10 (111.80 to 112.80): V

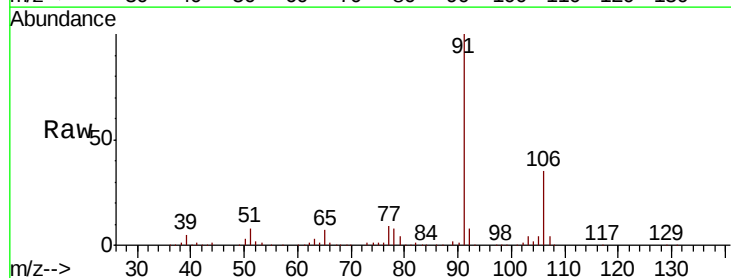
Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58
Ethyl Benzene
Concen: 0.707 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

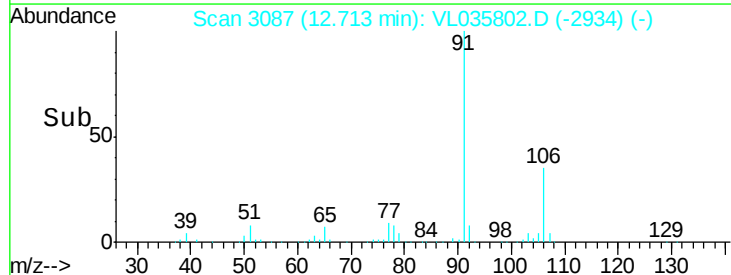
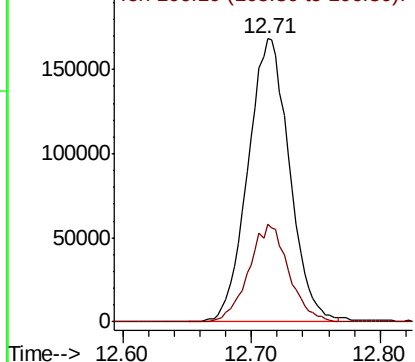
Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.6	28.6	43.0

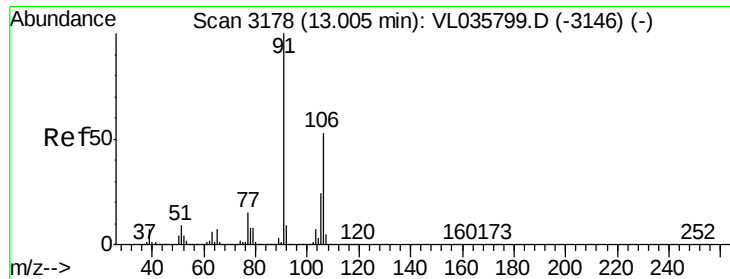


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





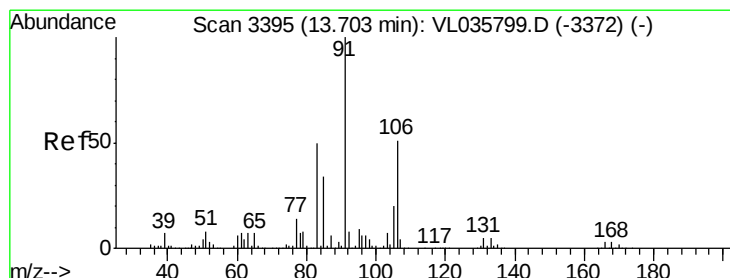
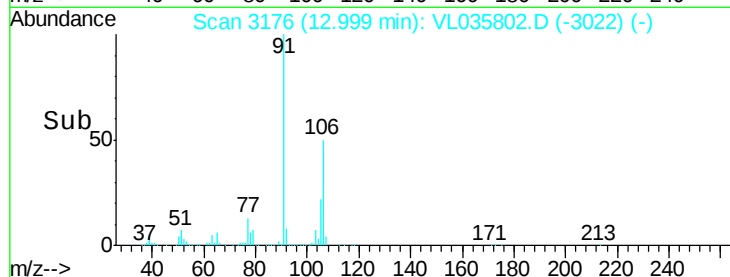
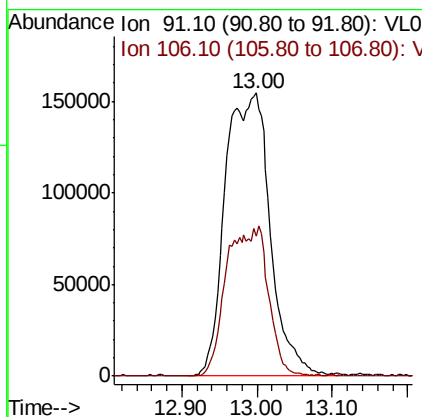
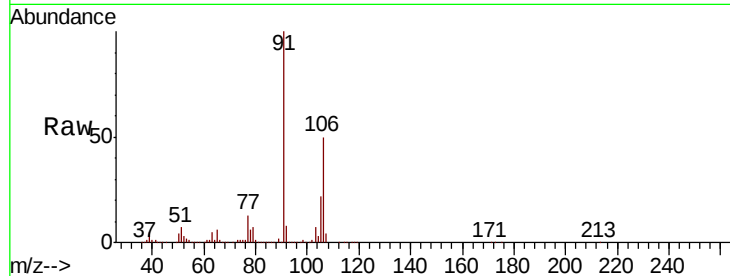
#59
m/p-Xylene
Concen: 1.373 ppbv m
RT: 13.00 min Scan# 3176
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion: 91 Resp: 640015
Ion Ratio Lower Upper
91 100
106 49.5 39.5 59.3

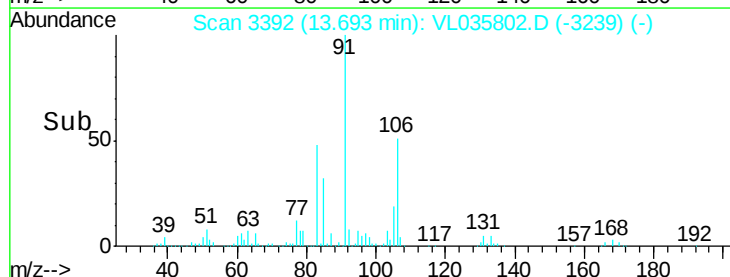
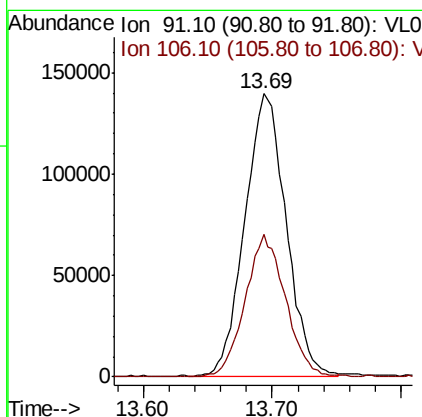
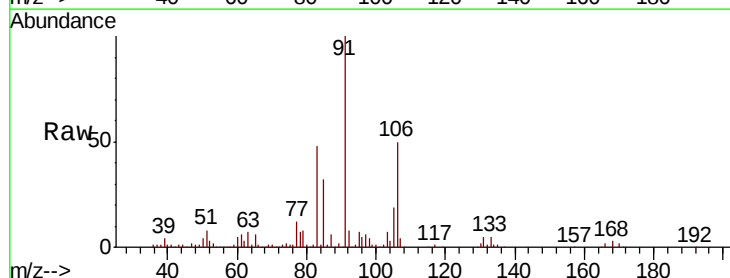
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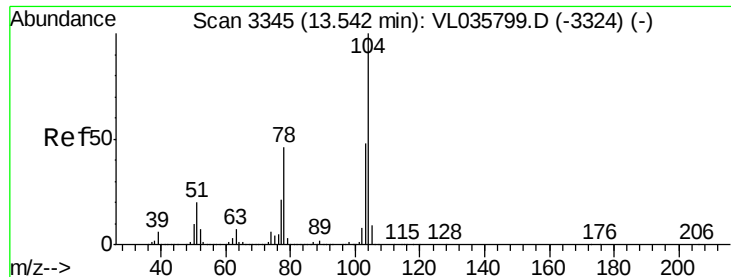
MMDadoda
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#60
o-Xylene
Concen: 0.657 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 91 Resp: 309712
Ion Ratio Lower Upper
91 100
106 49.6 24.8 74.4





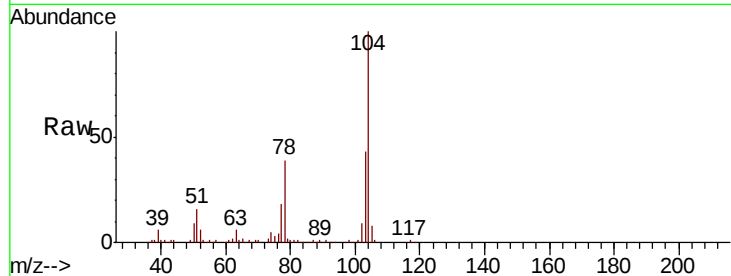
#61
Stvrene
Concen: 0.669 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

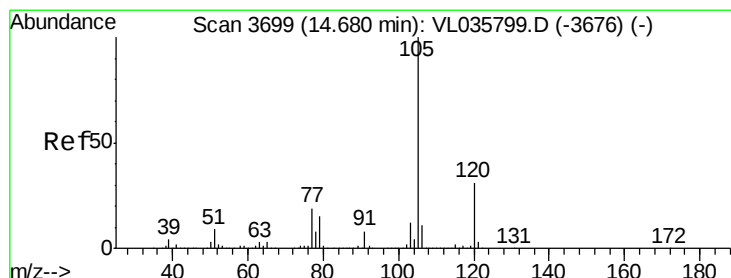
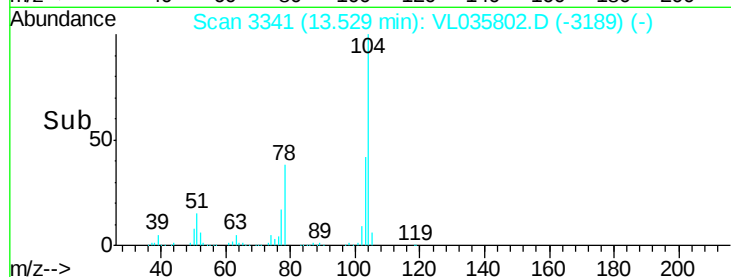
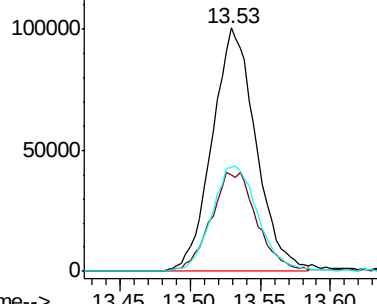
Tot Ion	Ratio	Lower	Upper
104	100		
78	43.6	37.1	55.7
103	46.3	37.9	56.9

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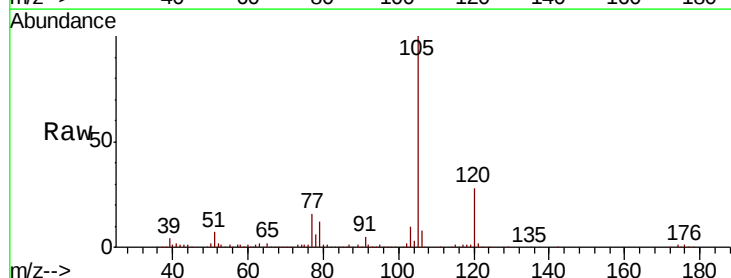


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

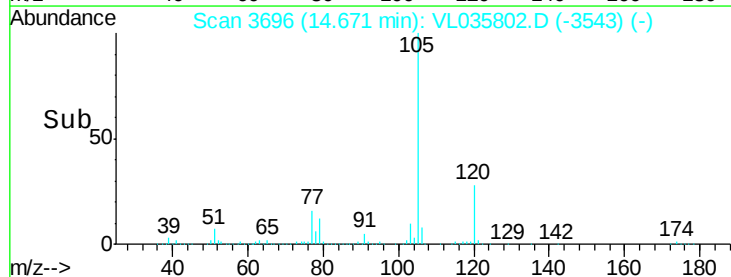
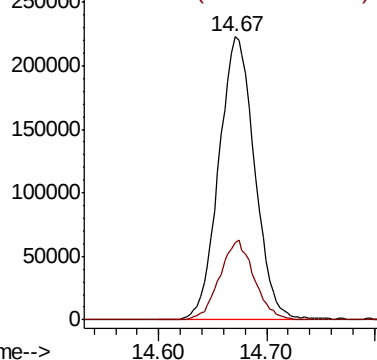


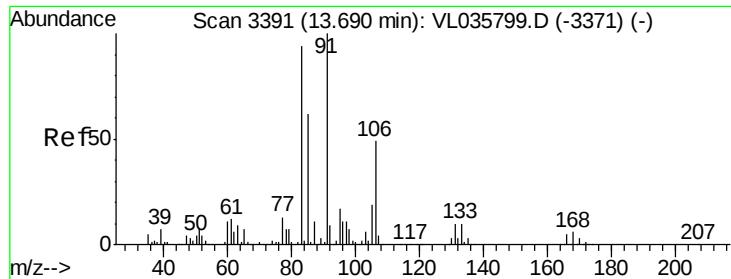
#62
Isopropylbenzene
Concen: 0.702 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	23.5	35.3



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 0.569 ppbv

RT: 13.68 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

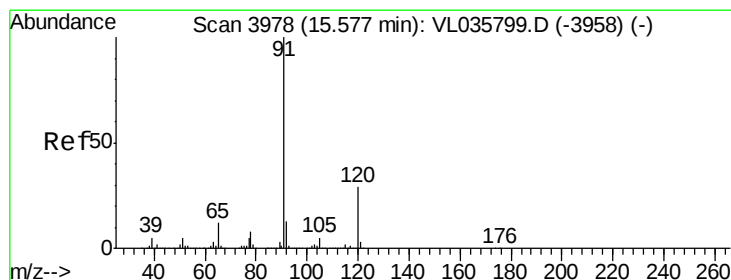
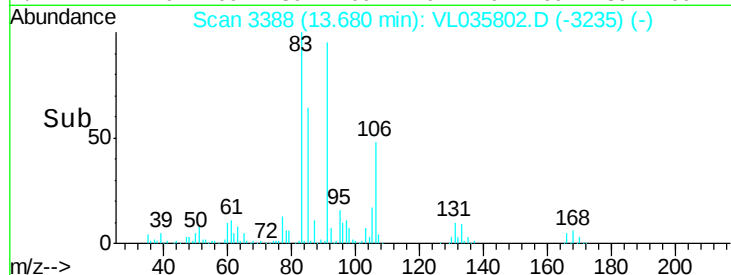
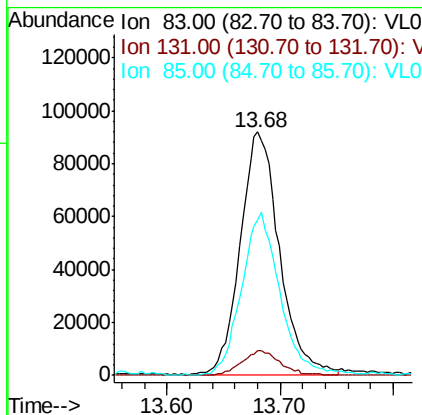
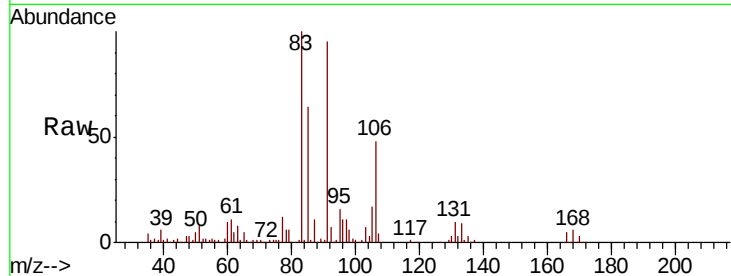
ClientSampleId :

VSTDIC0.5

Tot Ion:	83	Resp:	220031
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.3	15.8
85	66.3	33.5	100.4

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#64

n-propylbenzene

Concen: 0.671 ppbv

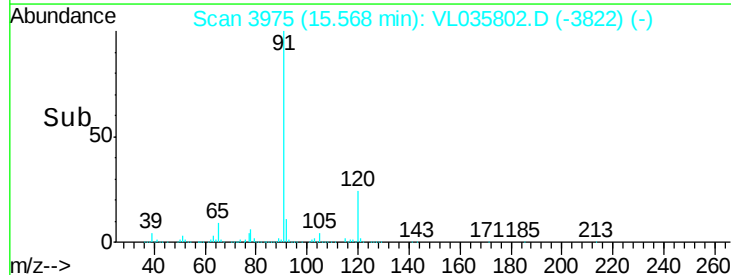
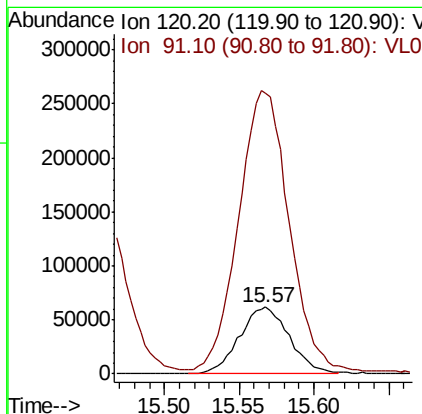
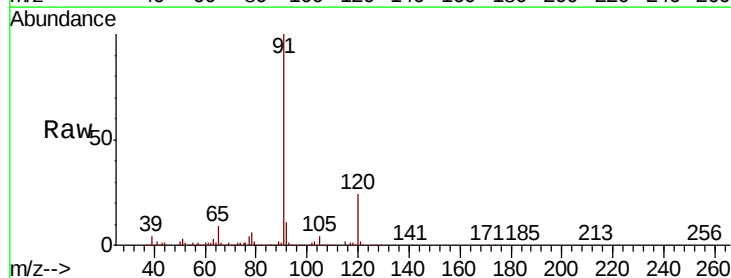
RT: 15.57 min Scan# 3975

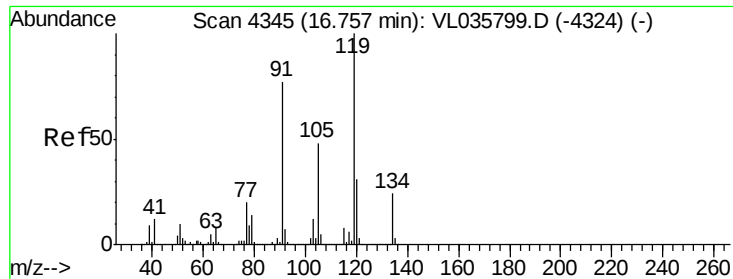
Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Tgt Ion:	120	Resp:	143559
Ion Ratio	Lower	Upper	
120	100		
91	437.8	311.1	466.7





#65

tert-Butylbenzene

Concen: 0.709 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

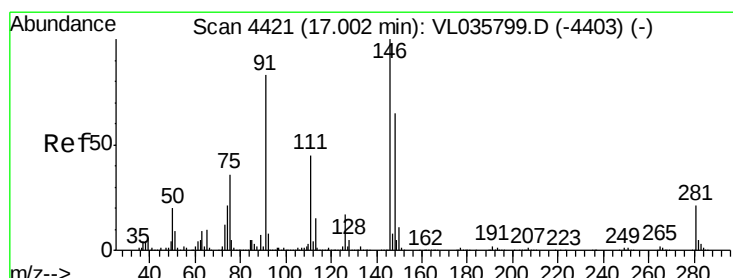
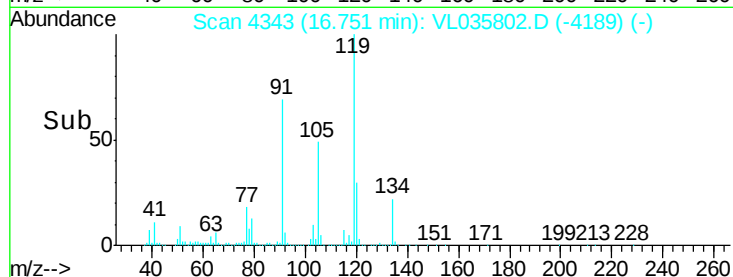
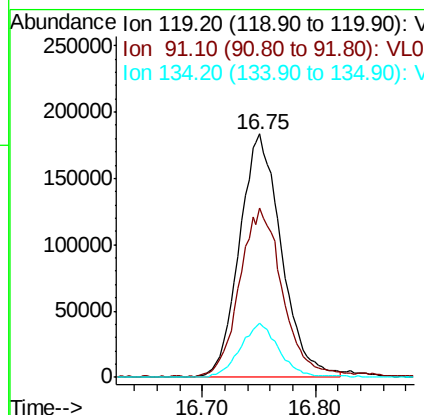
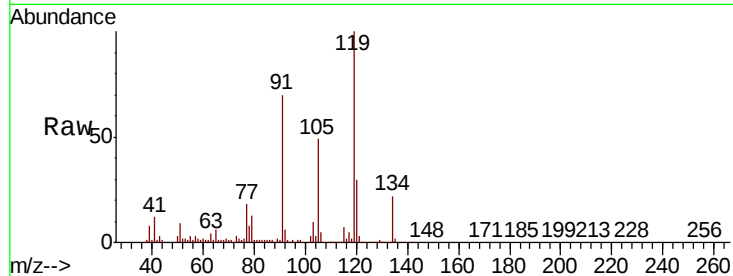
ClientSampleId :

VSTDIC0.5

Tot Ion:	119	Resp:	471262
Ion Ratio	Lower	Upper	
119	100		
91	72.0	62.0	93.0
134	21.0	17.8	26.8

Manual Integrations
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#66

Benzyl Chloride

Concen: 0.809 ppbv m

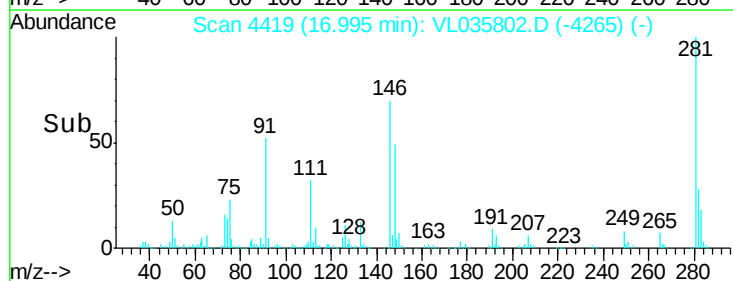
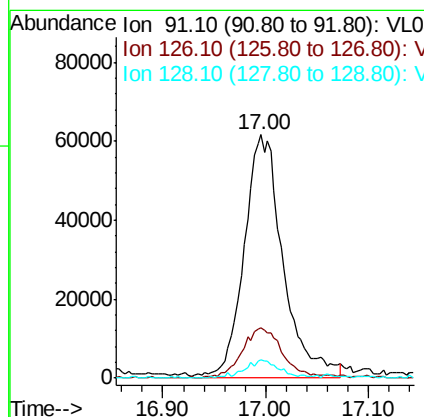
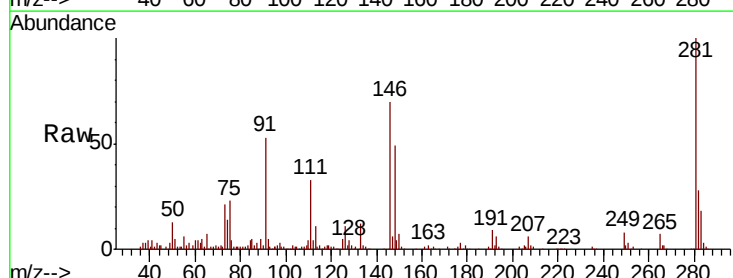
RT: 17.00 min Scan# 4419

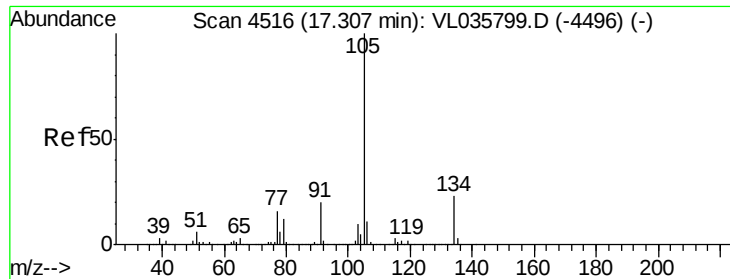
Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Tgt Ion:	91	Resp:	163005
Ion Ratio	Lower	Upper	
91	100		
126	22.2	16.0	24.0
128	6.9	5.0	7.4





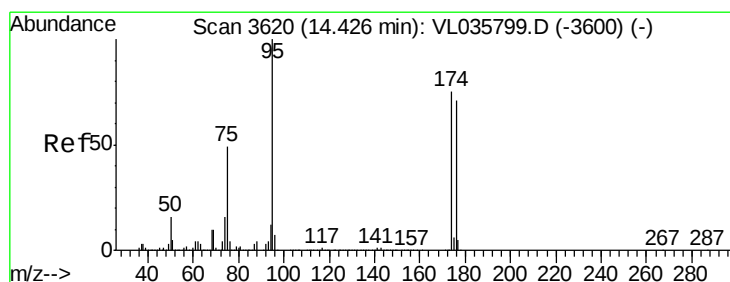
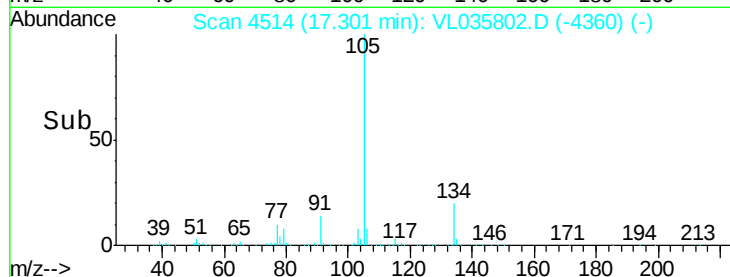
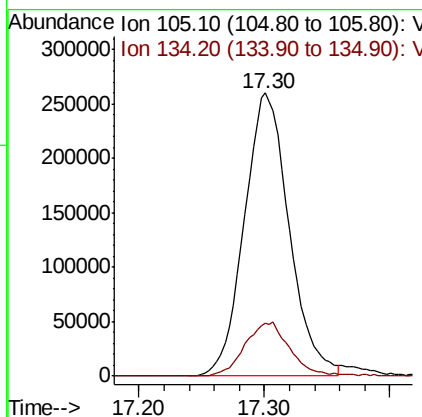
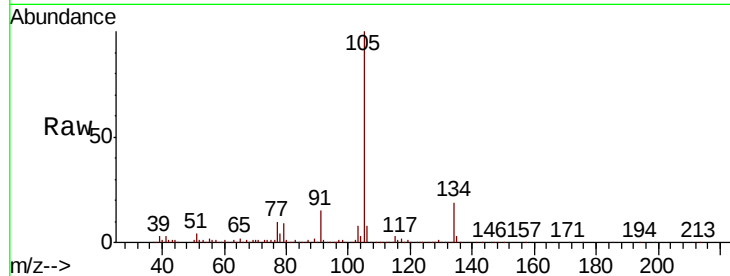
#67
 sec-Butylbenzene
 Concen: 0.701 ppbv
 RT: 17.30 min Scan# 4514
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampled :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	17.0	25.6

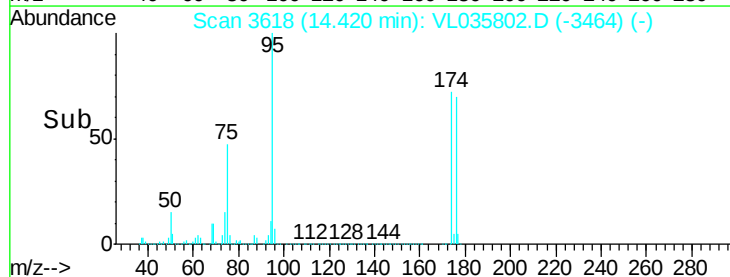
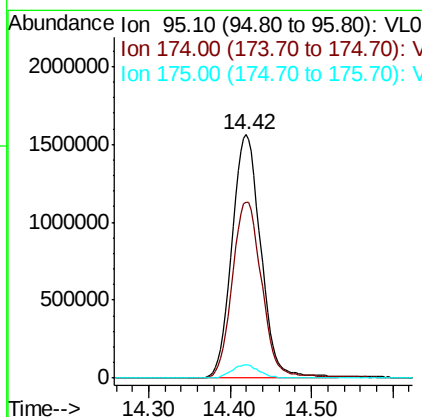
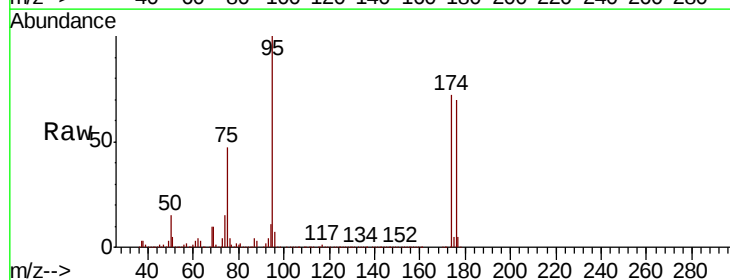
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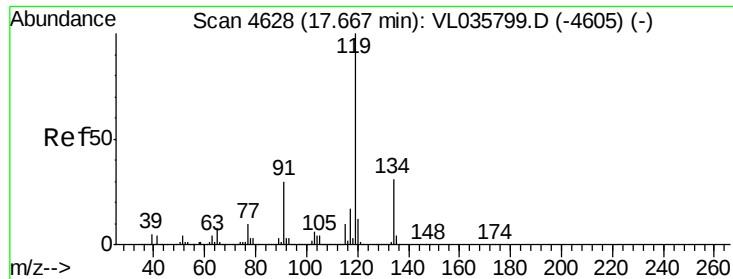
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.693 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	59.8	89.6
175	5.4	4.3	6.5





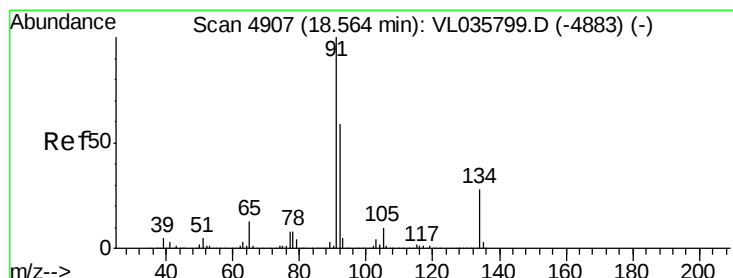
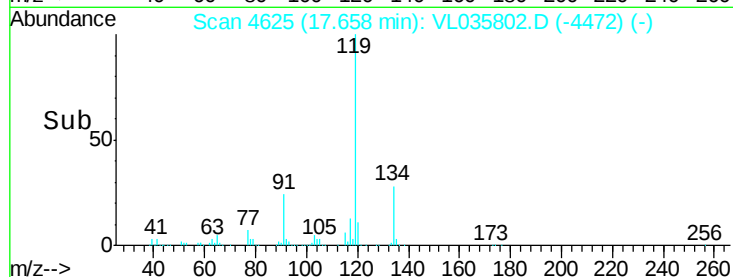
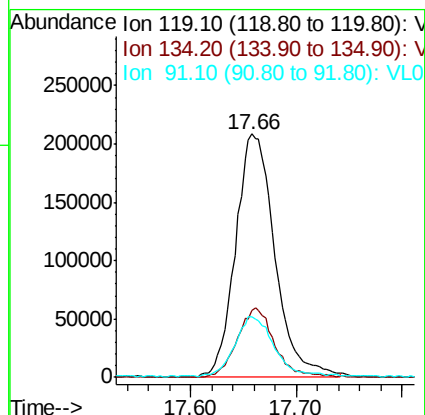
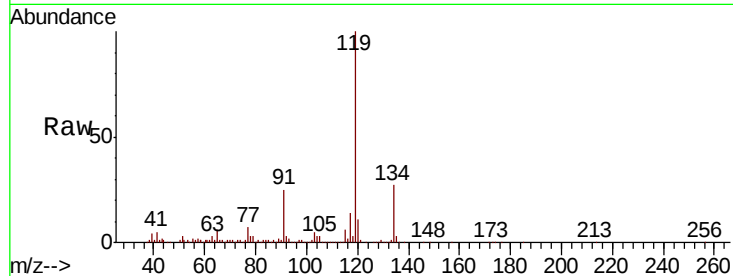
#69
 p-Isopropyltoluene
 Concen: 0.721 ppbv
 RT: 17.66 min Scan# 4625
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Resp	Lower	Upper
119	100	538608		
134	27.2		23.0	34.6
91	24.8		22.8	34.2

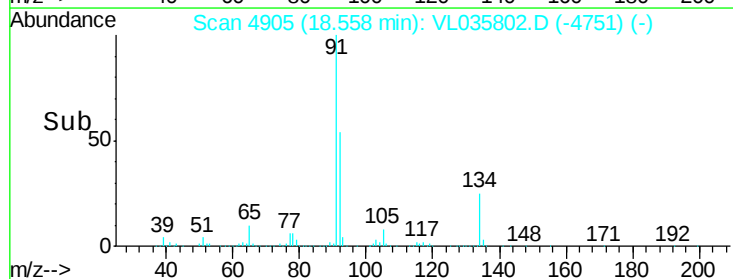
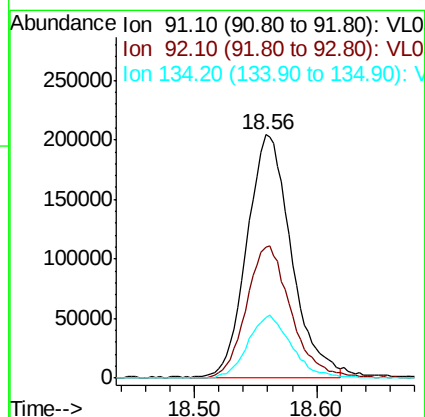
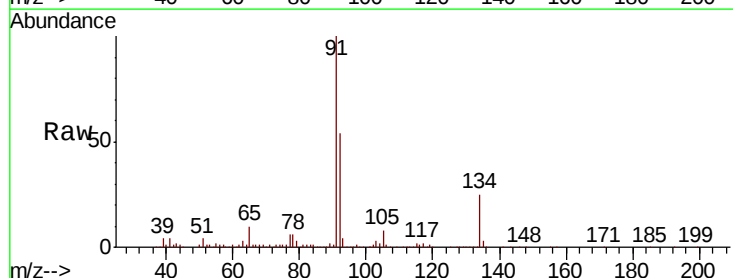
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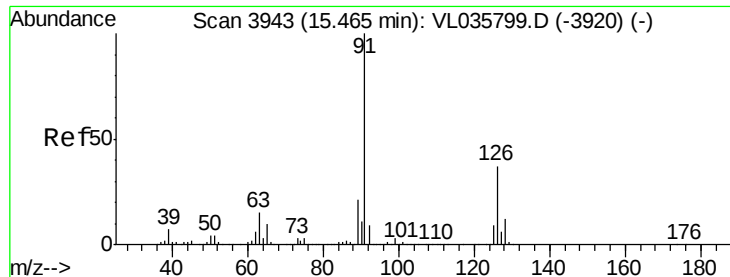
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#70
 n-Butylbenzene
 Concen: 0.664 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	510434		
92	55.1		45.7	68.5
134	25.6		21.0	31.4





#71

2-Chlorotoluene

Concen: 0.702 ppbv

RT: 15.46 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 91 Resp: 374574

Ion Ratio Lower Upper

91 100

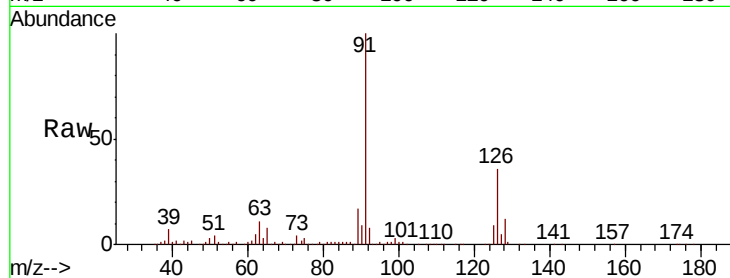
126 35.2 14.3 57.1

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

300000

250000

200000

150000

100000

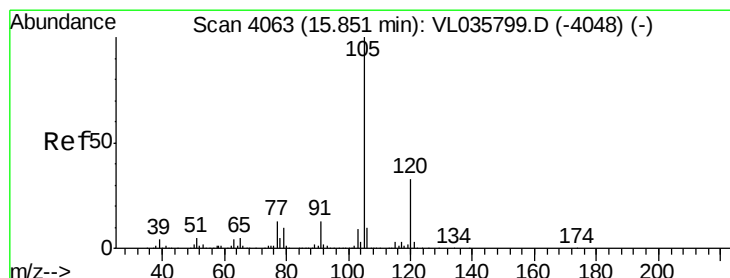
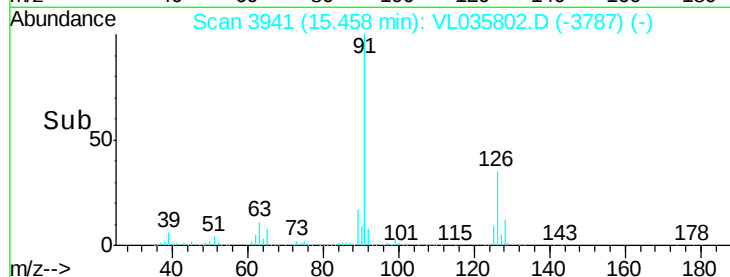
50000

0

15.40

15.50

Time-->



#72

4-Ethyltoluene

Concen: 0.707 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Tgt Ion: 105 Resp: 394727

Ion Ratio Lower Upper

105 100

120 32.5 25.9 38.9

91 11.3 9.9 14.9

77 11.4 10.2 15.2

Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

250000

200000

150000

100000

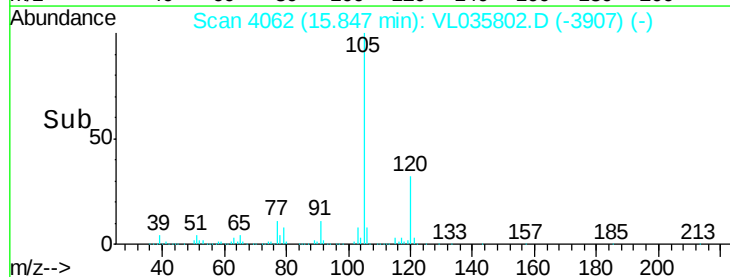
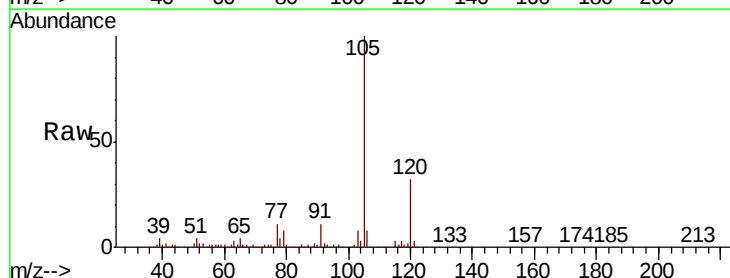
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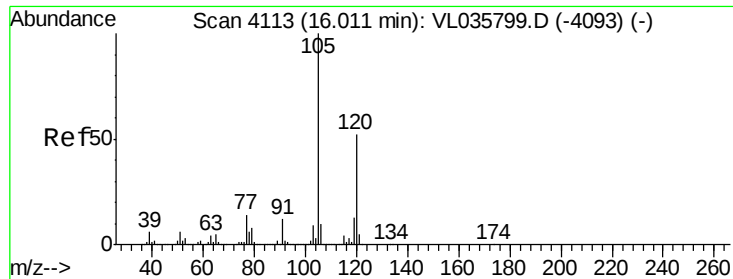
0

15.80

15.90

Time-->





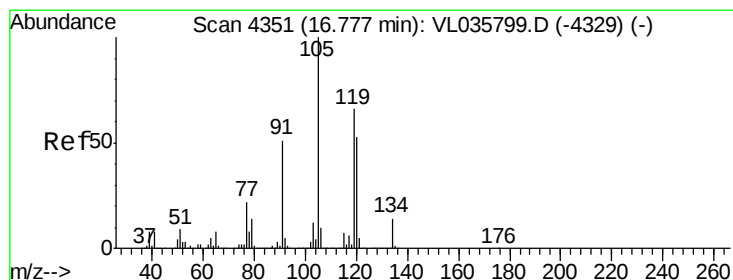
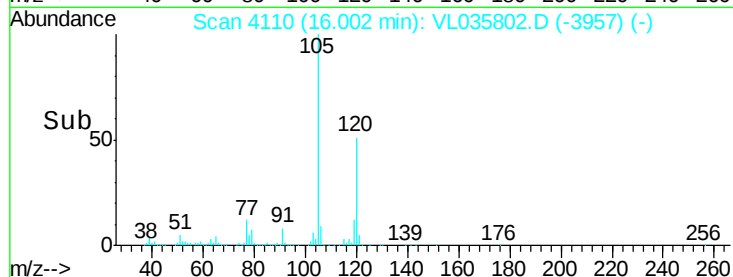
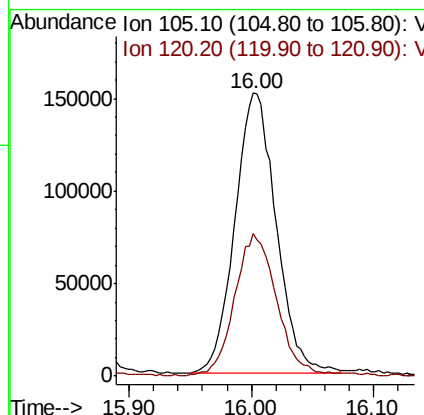
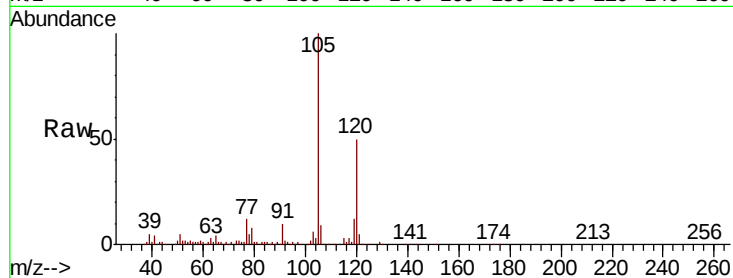
#73
 1,3,5-Trimethylbenzene
 Concen: 0.671 ppbv
 RT: 16.00 min Scan# 4110
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.4	41.4	62.2

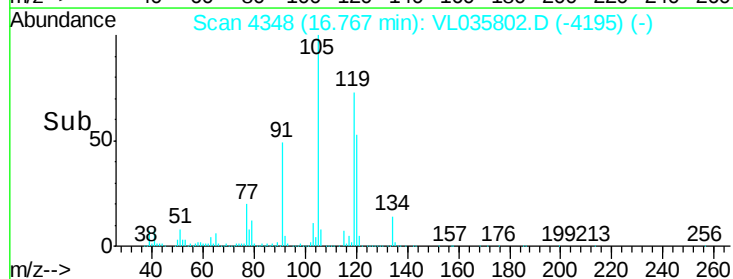
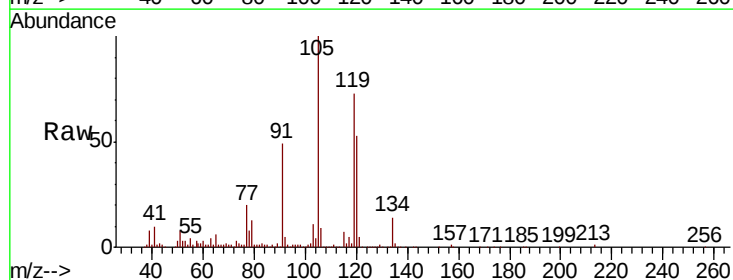
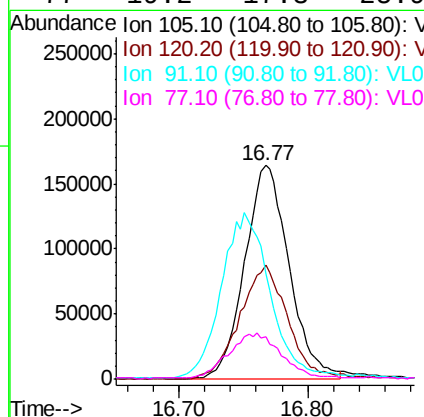
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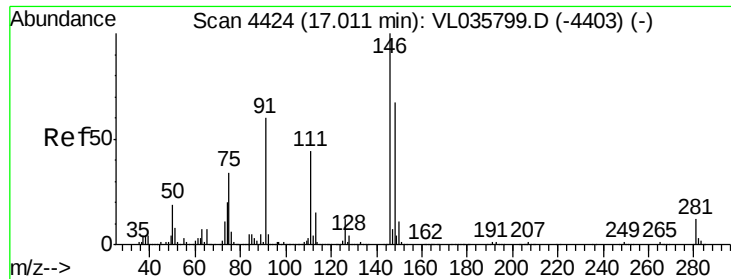
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#74
 1,2,4-Trimethylbenzene
 Concen: 0.656 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	52.6	42.0	63.0
91	47.4	41.0	61.6
77	19.2	17.3	25.9





#75

1,3-Dichlorobenzene

Concen: 0.585 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Instrument :

MSVOA_L

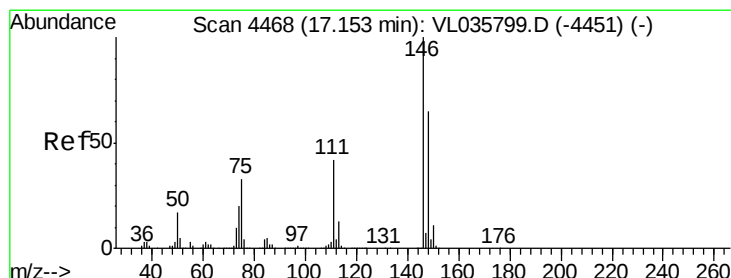
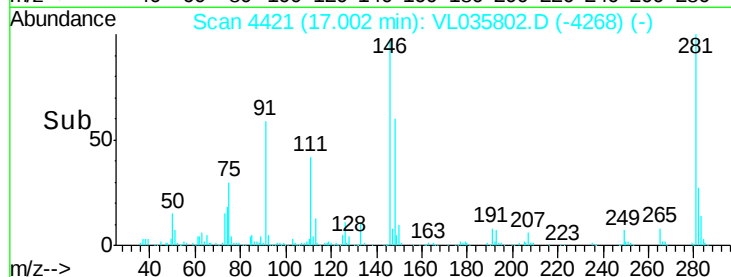
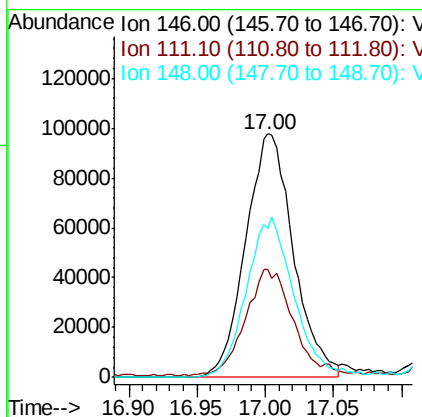
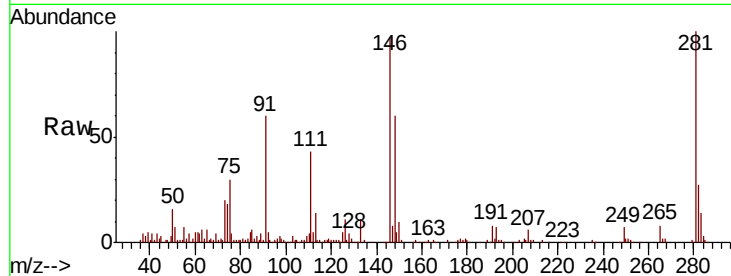
ClientSampled :

VSTDIC0.5

Tot Ion:	146	Resp:	237791
Ion Ratio	Lower	Upper	
146	100		
111	45.2	21.8	65.4
148	66.0	32.5	97.5

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#76

1,4-Dichlorobenzene

Concen: 0.602 ppbv

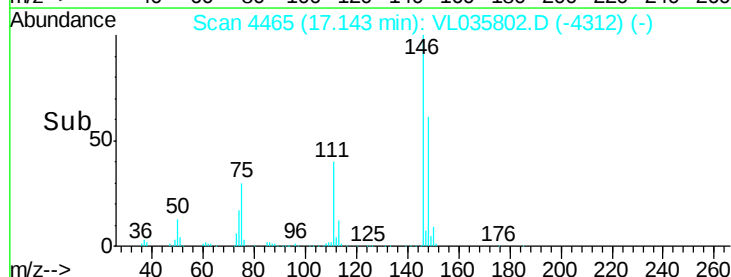
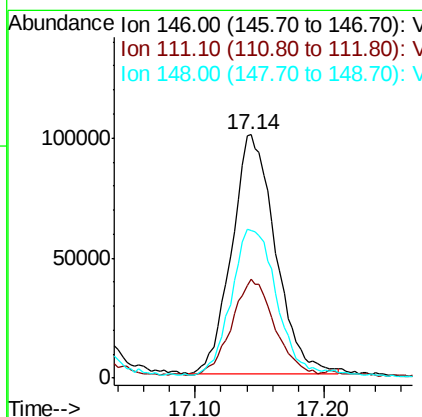
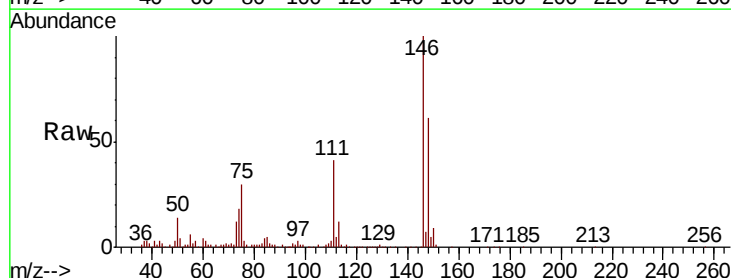
RT: 17.14 min Scan# 4465

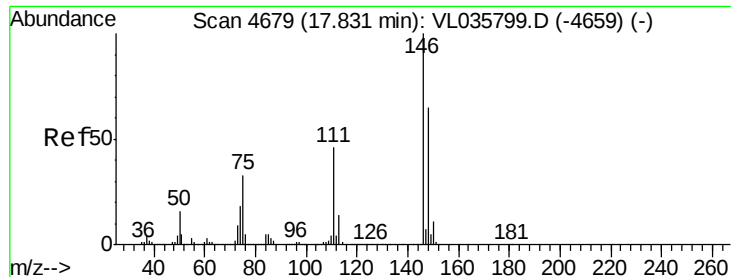
Delta R.T. -0.01 min

Lab File: VL035802.D

Acq: 3 Nov 2020 12:25

Tgt Ion:	146	Resp:	233798
Ion Ratio	Lower	Upper	
146	100		
111	43.7	21.3	63.7
148	68.5	33.0	99.0





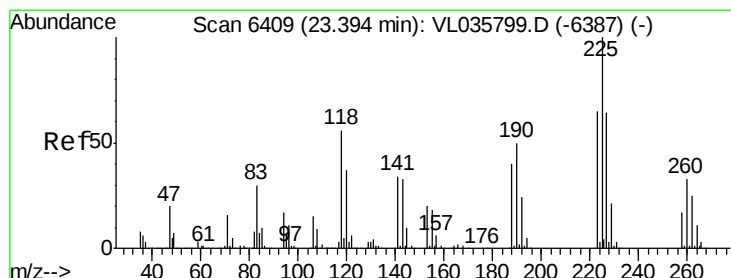
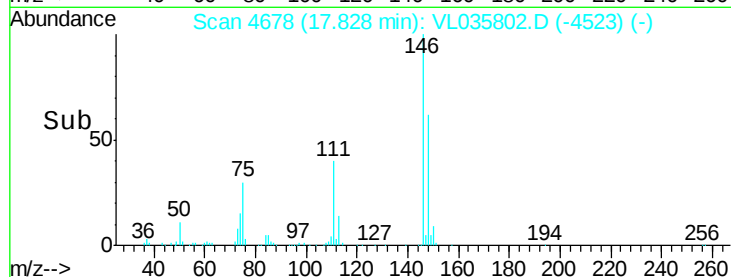
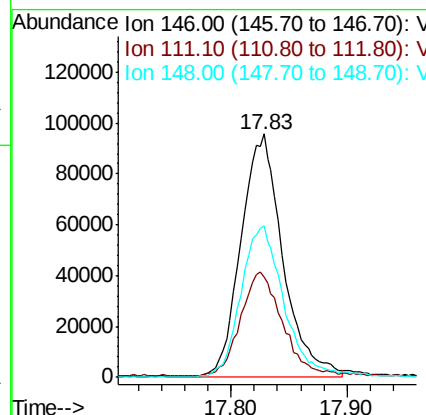
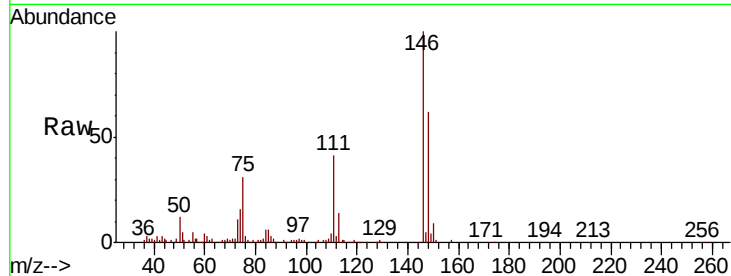
#77
 1,2-Dichlorobenzene
 Concen: 0.622 ppbv
 RT: 17.83 min Scan# 4678
 Delta R.T. -0.00 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.4	67.0
148	65.5	32.5	97.5

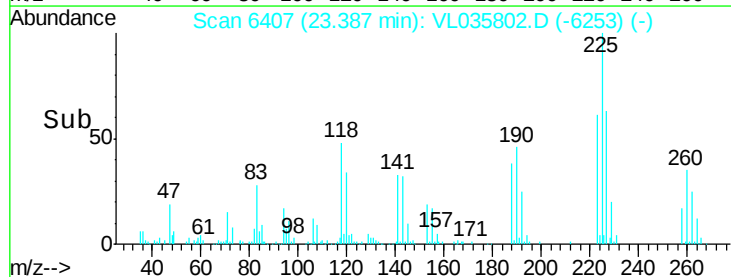
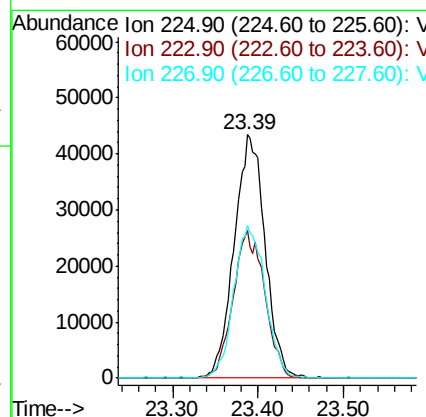
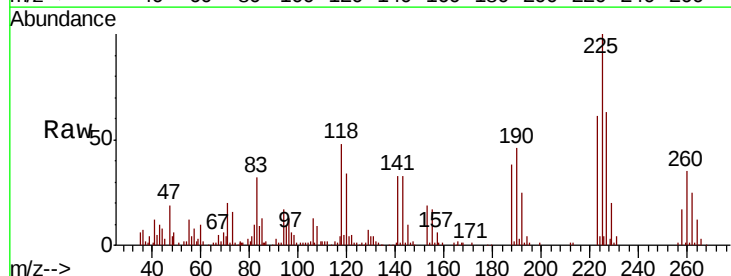
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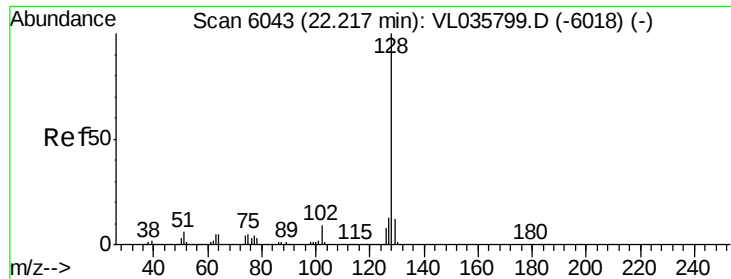
MMDadoda
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#78
 Hexachloro-1,3-Butadiene
 Concen: 0.514 ppbv m
 RT: 23.39 min Scan# 6407
 Delta R.T. -0.01 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	64.0	51.2	76.8





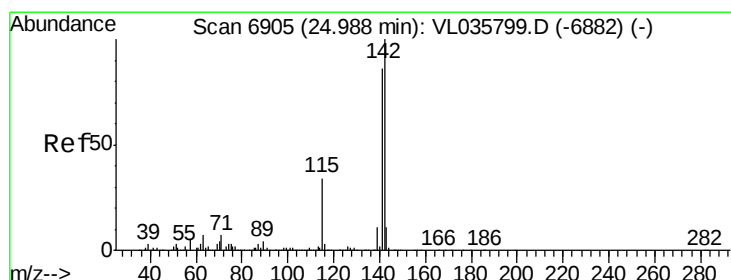
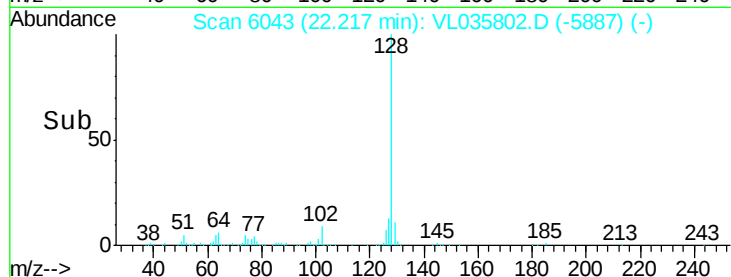
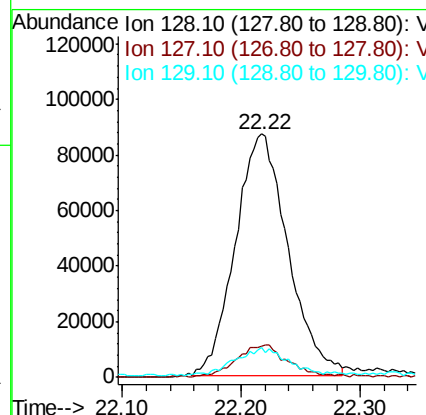
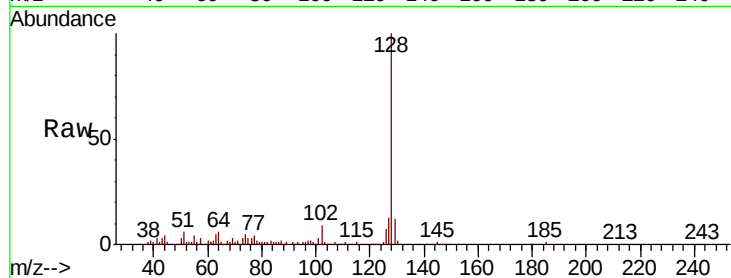
#79
Naphthalene
Concen: 0.467 ppbv
RT: 22.22 min Scan# 6043
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.9	9.2	13.8

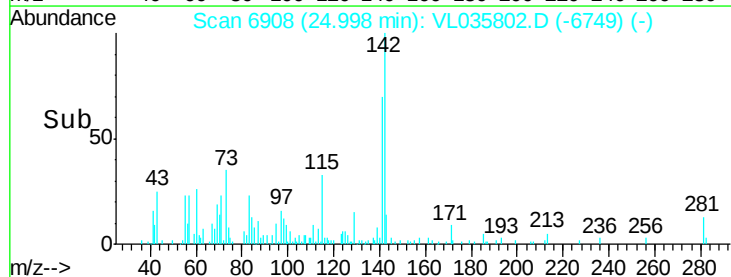
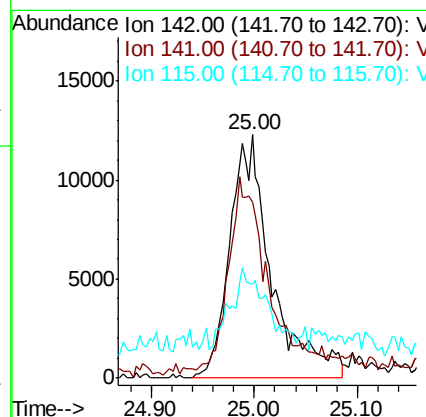
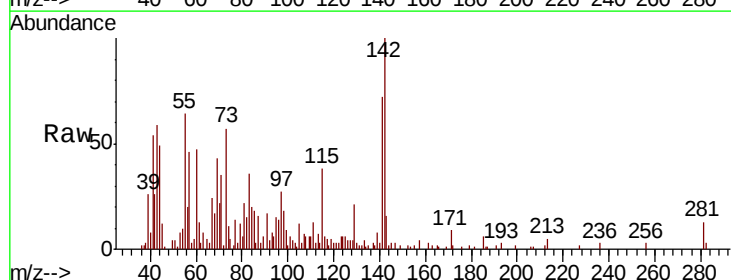
Manual Integrations
APPROVED

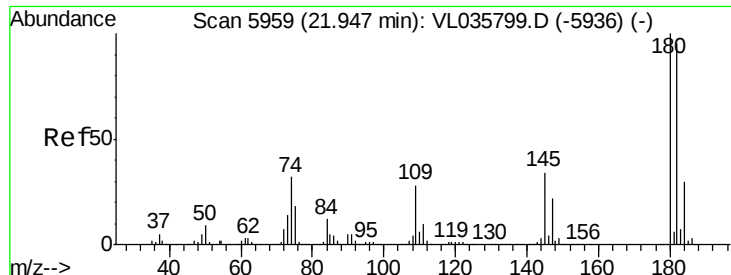
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#80
Naphthalene, 2-methyl-
Concen: 0.258 ppbv
RT: 25.00 min Scan# 6908
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	67.8	101.8
115	35.0	28.1	42.1





#81
 1,2,4-Trichlorobenzene
 Concen: 0.495 ppbv
 RT: 21.94 min Scan# 5958
 Delta R.T. -0.00 min
 Lab File: VL035802.D
 Acq: 3 Nov 2020 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Resp	Lower	Upper
180	100	145474		
182	98.1		77.2	115.8
184	31.5		24.7	37.1

Manual Integrations
 APPROVED

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