

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064707.D
 Acq On : 18 Nov 2020 14:40
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:27 PM

Quant Time: Nov 18 15:35:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	297336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	541752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	4085	1.079	ug/l	74
3) Chloromethane	2.04	50	4893	1.075	ug/l	93
4) Vinyl Chloride	2.17	62	4386	0.936	ug/l	90
6) Chloroethane	2.68	64	2777	0.913	ug/l #	63
7) Trichlorofluoromethane	3.00	101	8294	1.164	ug/l	93
8) Diethyl Ether	3.38	74	2648	1.066	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.72	101	3590m	1.074	ug/l	
12) 1,1-Dichloroethene	3.70	96	3713	1.180	ug/l	83
14) Allyl chloride	4.27	41	4939	0.817	ug/l	94
15) Acrylonitrile	4.94	53	7087	4.588	ug/l #	81
16) Acetone	3.79	43	8591m	4.707	ug/l	
17) Carbon Disulfide	4.01	76	13439	1.437	ug/l	98
18) Methyl Acetate	4.28	43	5207	1.359	ug/l #	83
19) Methyl tert-butyl Ether	4.99	73	9980	0.886	ug/l	98
20) Methylene Chloride	4.50	84	4568m	1.178	ug/l	
21) trans-1,2-Dichloroethene	4.99	96	3956	1.111	ug/l #	88
22) Diisopropyl ether	5.90	45	9596m	0.749	ug/l	
23) Vinyl Acetate	5.85	43	39862m	3.842	ug/l	
24) 1,1-Dichloroethane	5.80	63	6435	0.905	ug/l #	84
25) 2-Butanone	6.78	43	8672	3.628	ug/l	97
26) 2,2-Dichloropropane	6.79	77	6317m	0.971	ug/l	
27) cis-1,2-Dichloroethene	6.76	96	3621m	0.881	ug/l	
28) Bromochloromethane	7.16	49	3159m	0.879	ug/l	
29) Tetrahydrofuran	7.17	42	6354	4.239	ug/l #	71
30) Chloroform	7.32	83	7383	0.983	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	6951	1.039	ug/l #	52
36) 1,1-Dichloropropene	7.75	75	5412	0.963	ug/l	94
37) Ethyl Acetate	6.90	43	3838m	0.776	ug/l	
38) Carbon Tetrachloride	7.73	117	5317	0.878	ug/l	85
39) Methylcyclohexane	9.04	83	4988	0.994	ug/l	94
40) Benzene	8.00	78	13604	0.825	ug/l	97
41) Methacrylonitrile	7.12	41	1828m	0.731	ug/l	
42) 1,2-Dichloroethane	8.09	62	6459	0.964	ug/l	92
43) Isopropyl Acetate	8.13	43	9153	1.008	ug/l #	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	4719	1.121	ug/l	81
45) 1,2-Dichloropropane	9.08	63	3863	0.880	ug/l #	85
46) Dibromomethane	9.18	93	2601	0.886	ug/l #	34
47) Bromodichloromethane	9.37	83	5811	0.926	ug/l #	97
48) Methyl methacrylate	9.16	41	3896	0.852	ug/l #	88
49) 1,4-Dioxane	9.17	88	1148	19.337	ug/l #	65
51) 4-Methyl-2-Pentanone	9.95	43	19954	3.789	ug/l	98
52) Toluene	10.12	92	8117	0.806	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	5384	0.813	ug/l #	48
54) cis-1,3-Dichloropropene	9.81	75	5391	0.765	ug/l #	87
55) 1,1,2-Trichloroethane	10.53	97	3322	0.841	ug/l	96
56) Ethyl methacrylate	10.40	69	3829	0.673	ug/l	89
57) 1,3-Dichloropropane	10.68	76	5911	0.860	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	10853	3.782	ug/l	97
59) 2-Hexanone	10.72	43	14208	3.733	ug/l	92
60) Dibromochloromethane	10.87	129	3653	0.827	ug/l	93
61) 1,2-Dibromoethane	10.97	107	3801	0.948	ug/l	94
64) Tetrachloroethene	10.60	164	4016	1.058	ug/l #	86
65) Chlorobenzene	11.40	112	10352	0.986	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.48	131	3334	0.854	ug/l #	55
67) Ethyl Benzene	11.48	91	16543	0.892	ug/l #	86
68) m/p-Xylenes	11.59	106	10372	1.537	ug/l	91
69) o-Xylene	11.92	106	5610	0.862	ug/l	86
70) Styrene	11.94	104	8676	0.790	ug/l	97
71) Bromoform	12.10	173	2190	0.833	ug/l #	97
73) Isopropylbenzene	12.22	105	13244	0.858	ug/l	95
74) N-amyl acetate	12.04	43	5884	0.873	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	4258	0.906	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	4465m	0.948	ug/l	
77) Bromobenzene	12.50	156	3759	0.990	ug/l	96
78) n-propylbenzene	12.57	91	14460	0.820	ug/l	98
79) 2-Chlorotoluene	12.65	91	10745	0.956	ug/l	89
80) 1,3,5-Trimethylbenzene	12.70	105	9889	0.773	ug/l	97
82) 4-Chlorotoluene	12.75	91	11173	0.950	ug/l	95
83) tert-Butylbenzene	12.97	119	7348	0.734	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	10291	0.802	ug/l	98
85) sec-Butylbenzene	13.14	105	10146	0.800	ug/l	91
86) p-Isopropyltoluene	13.26	119	8957	0.783	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	7150	1.086	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	7393m	1.086	ug/l	
89) n-Butylbenzene	13.59	91	9985	1.008	ug/l	97
90) Hexachloroethane	13.85	117	1486	0.688	ug/l	84
91) 1,2-Dichlorobenzene	13.63	146	6742	1.068	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1145	1.193	ug/l	94
93) 1,2,4-Trichlorobenzene	14.88	180	4461	1.686	ug/l	97
94) Hexachlorobutadiene	14.98	225	3235	2.477	ug/l	91
95) Naphthalene	15.10	128	12404	1.422	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	4267	1.616	ug/l	91

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ClientSampleId :
VSTDICC001

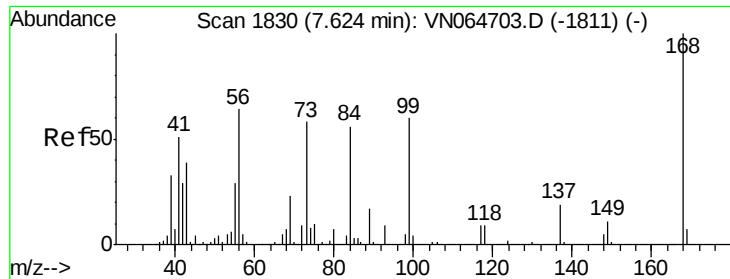
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 297336

Ion Ratio Lower Upper

168 100

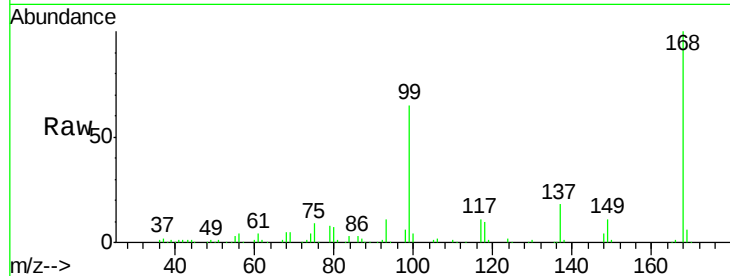
99 65.3 55.7 83.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

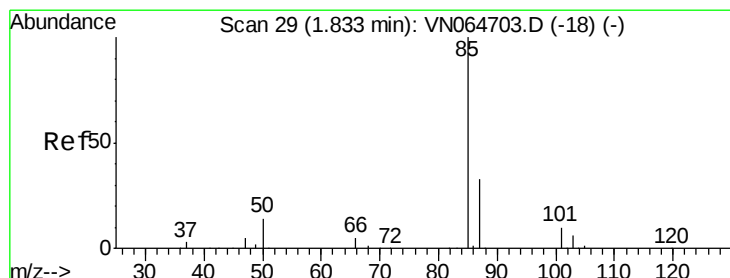
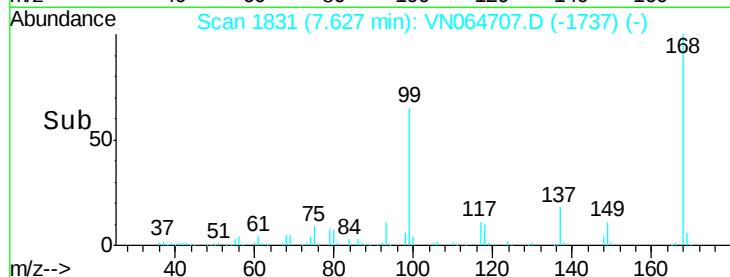
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.079 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064707.D

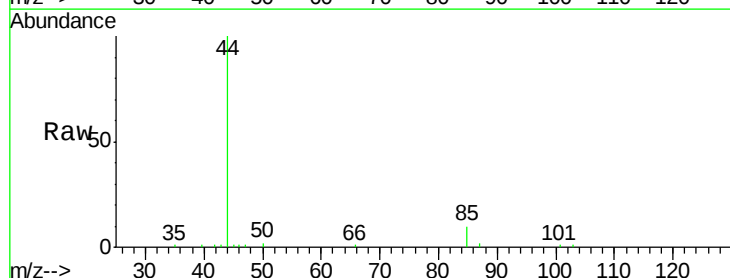
Acq: 18 Nov 2020 14:40

Tgt Ion: 85 Resp: 4085

Ion Ratio Lower Upper

85 100

87 17.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

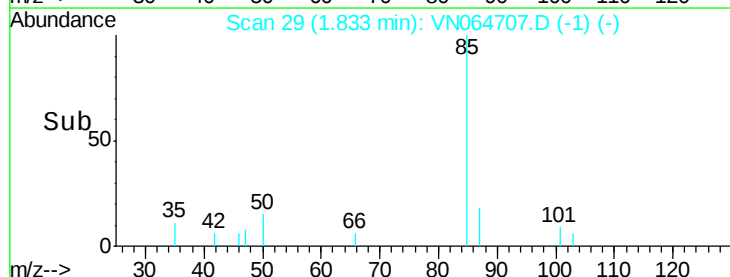
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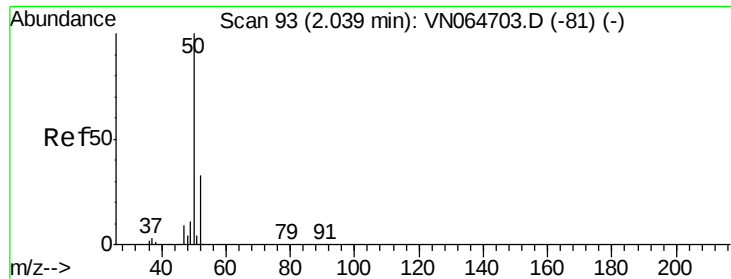
2000

1000

0

Time--> 1.80 1.85





#3

Chloromethane

Concen: 1.075 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4893

Ion Ratio Lower Upper

50 100

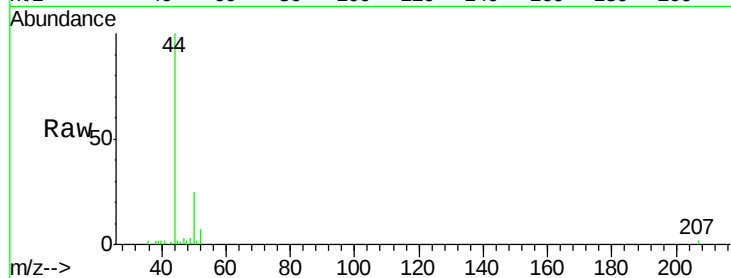
52 29.0 26.4 39.6

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

4000

3000

2000

1000

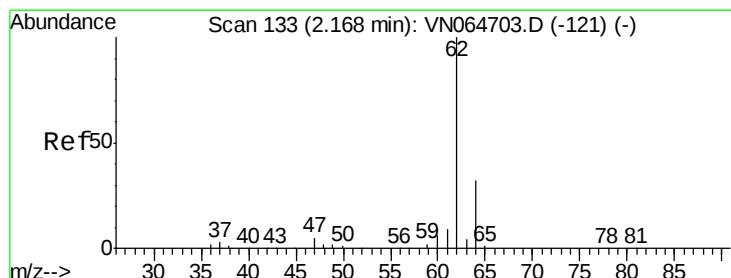
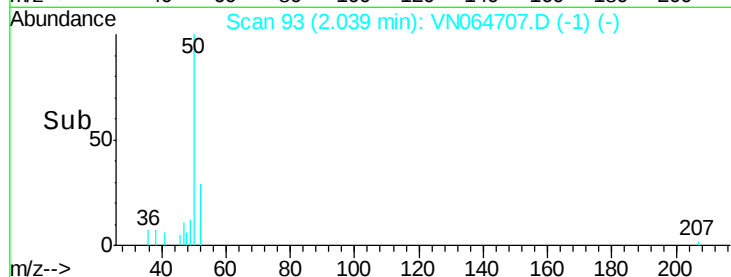
0

Time-->

2.00

2.05

2.10



#4

Vinyl Chloride

Concen: 0.936 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064707.D

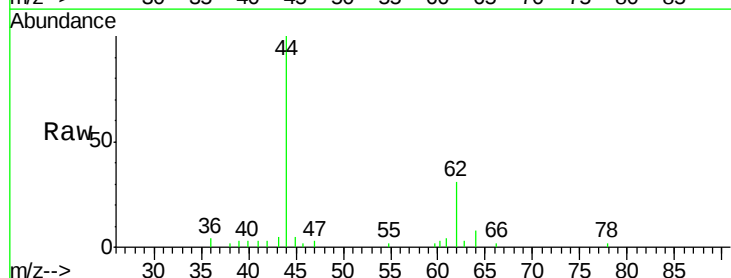
Acq: 18 Nov 2020 14:40

Tgt Ion: 62 Resp: 4386

Ion Ratio Lower Upper

62 100

64 26.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

3000

2000

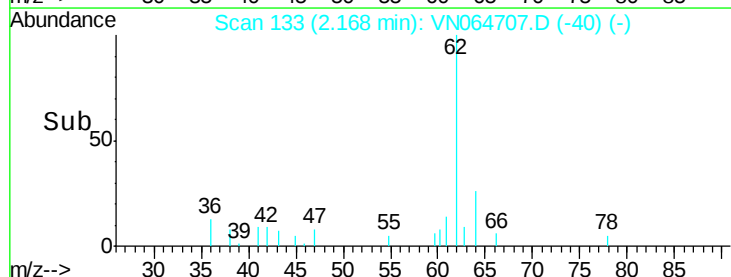
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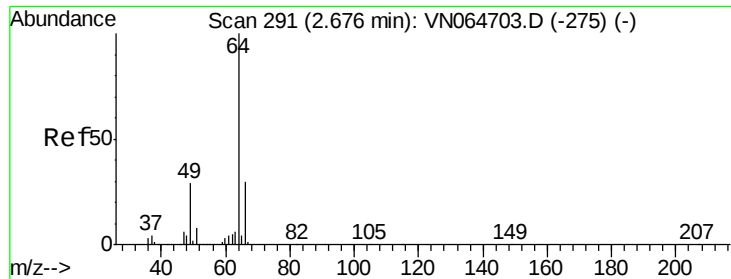
0

Time-->

2.15

2.20





#6

Chloroethane

Concen: 0.913 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2777

Ion Ratio Lower Upper

64 100

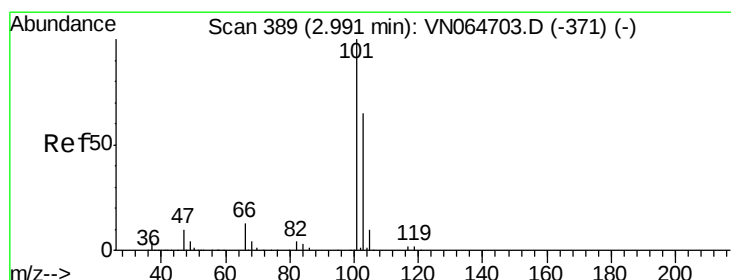
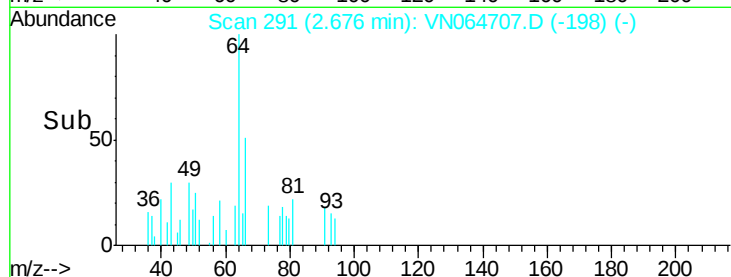
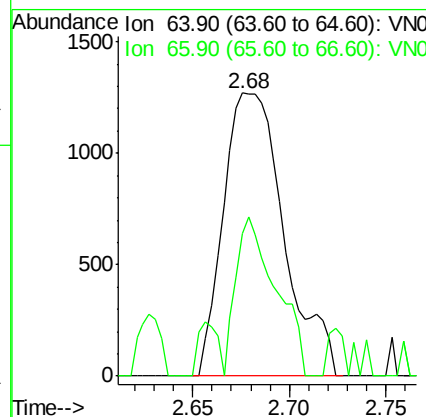
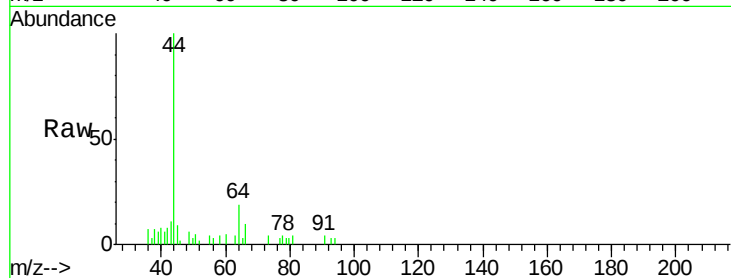
66 50.6 24.2 36.2#

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.164 ug/l

RT: 3.00 min Scan# 391

Delta R.T. 0.01 min

Lab File: VN064707.D

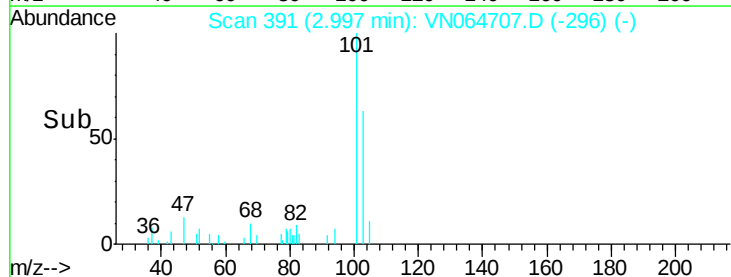
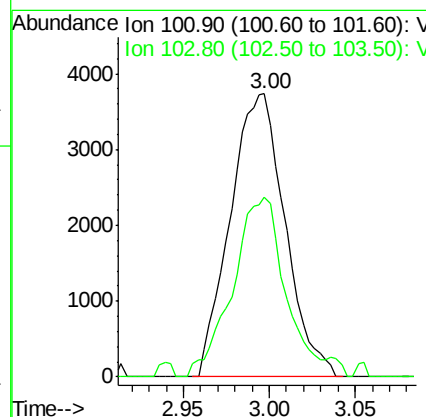
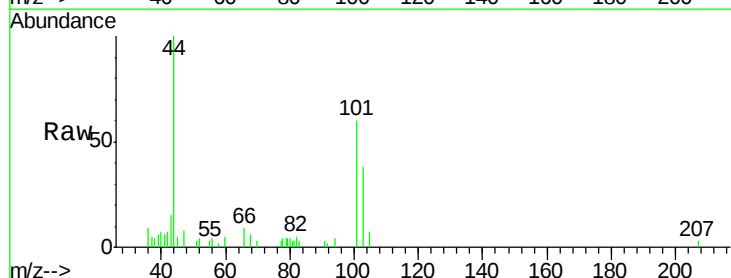
Acq: 18 Nov 2020 14:40

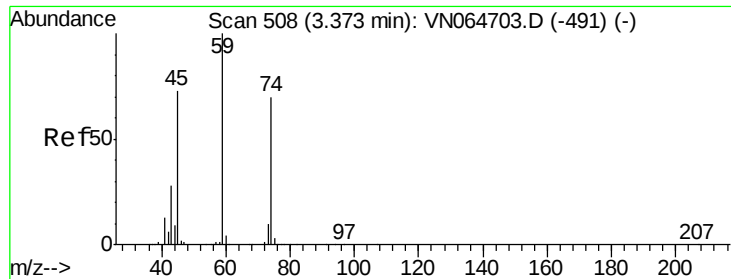
Tgt Ion: 101 Resp: 8294

Ion Ratio Lower Upper

101 100

103 59.0 51.8 77.6





#8

Diethyl Ether

Concen: 1.066 ug/l

RT: 3.38 min Scan# 510

Delta R.T. 0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2648

Ion Ratio Lower Upper

74 100

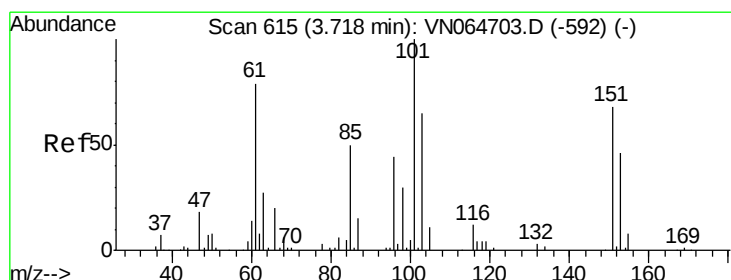
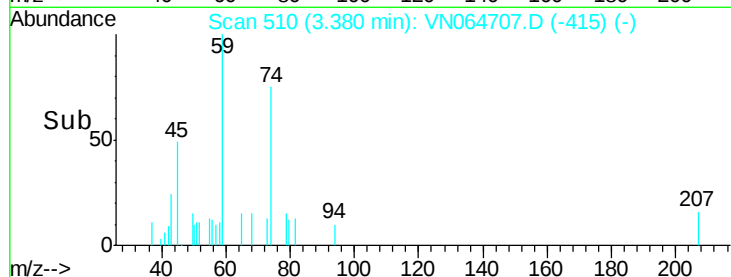
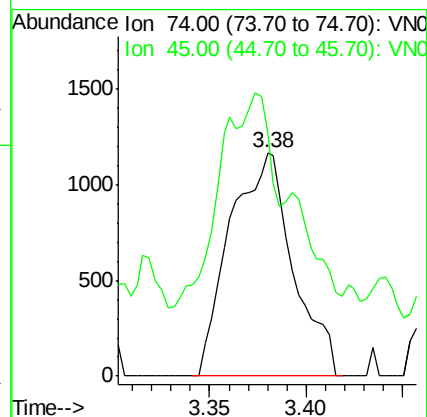
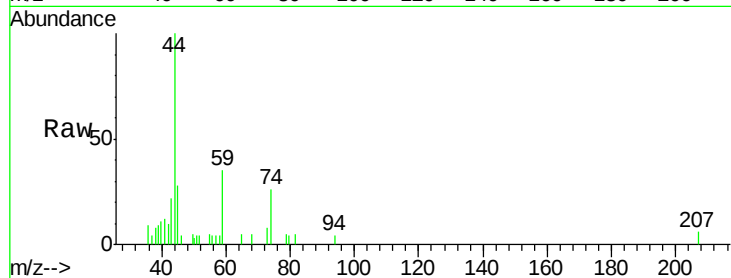
45 82.3 52.8 158.5

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.074 ug/l m

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064707.D

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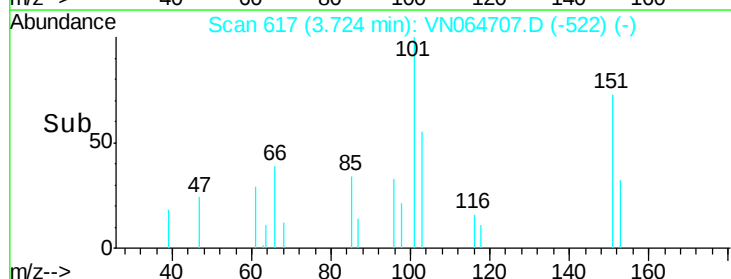
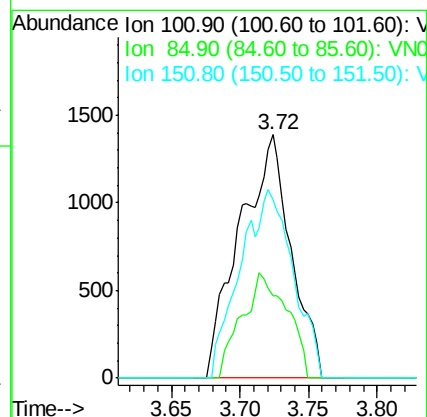
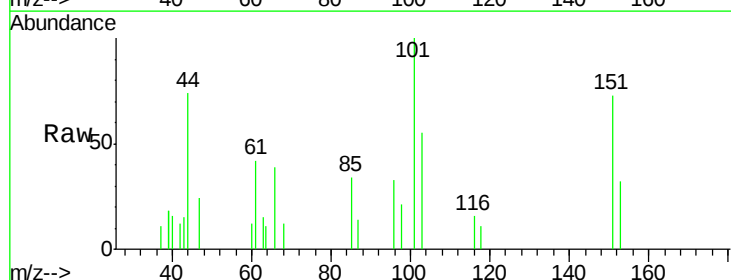
Tgt Ion: 101 Resp: 3590

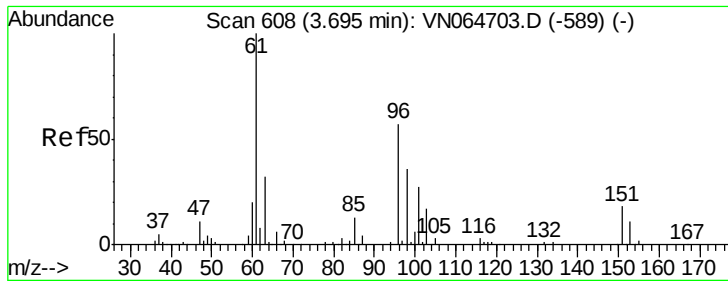
Ion Ratio Lower Upper

101 100

85 38.2 39.0 58.4#

151 80.0 57.2 85.8





#12

1,1-Dichloroethene

Concen: 1.180 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

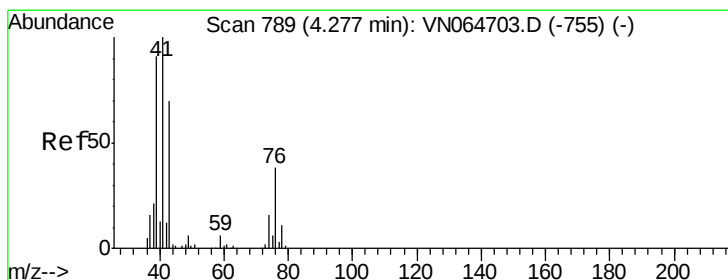
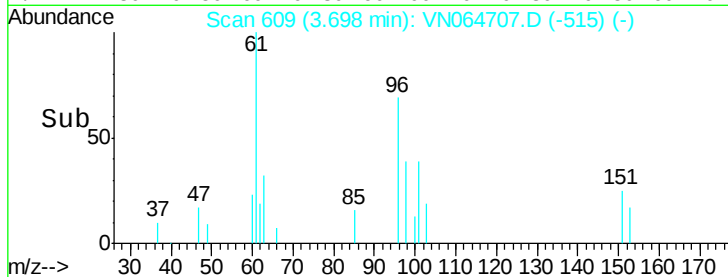
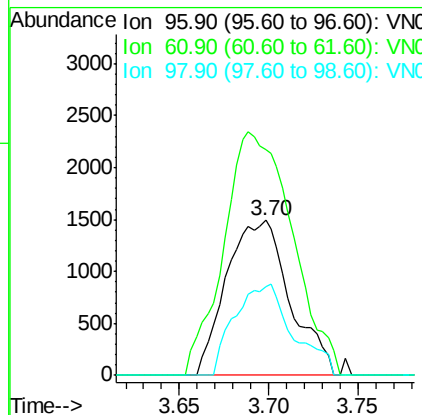
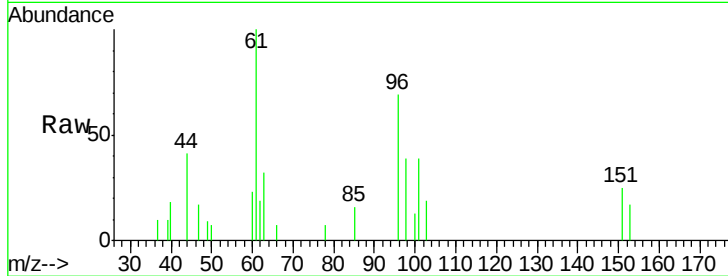
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3713
Ion	Ratio	Lower	Upper
96	100		
61	145.0	139.1	208.7
98	57.1	50.2	75.2

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#14

Allyl chloride

Concen: 0.817 ug/l

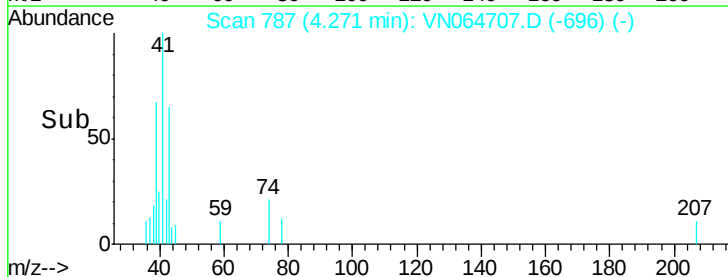
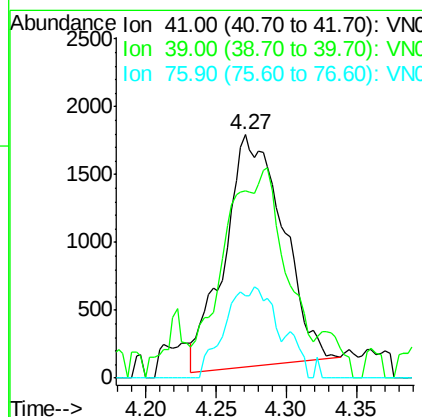
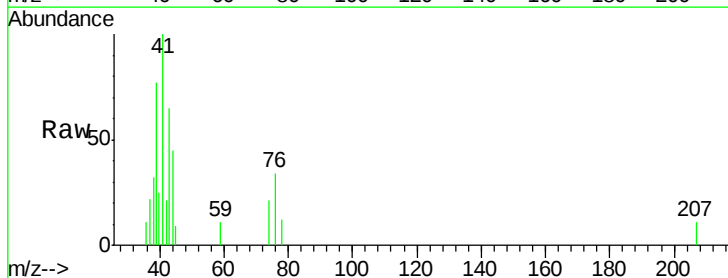
RT: 4.27 min Scan# 787

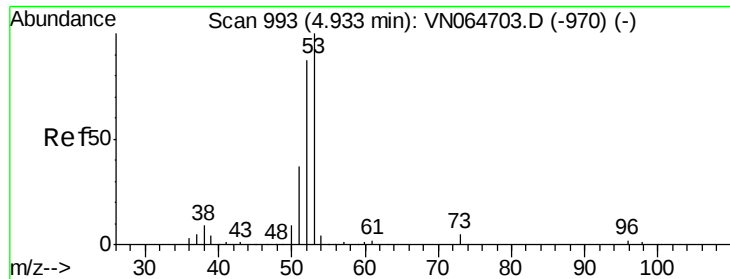
Delta R.T. -0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tgt Ion:	41	Resp:	4939
Ion	Ratio	Lower	Upper
41	100		
39	75.5	66.1	99.1
76	32.2	26.6	40.0





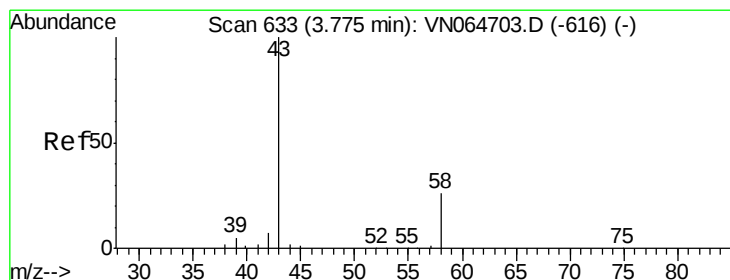
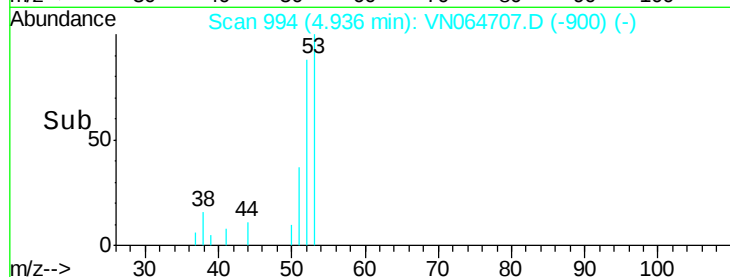
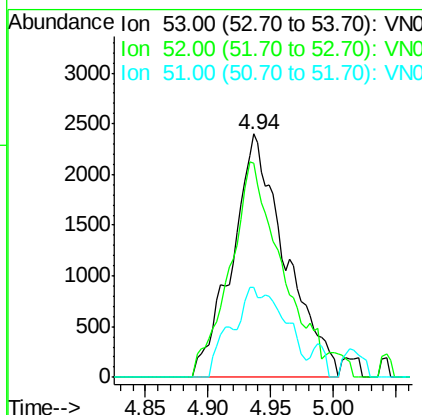
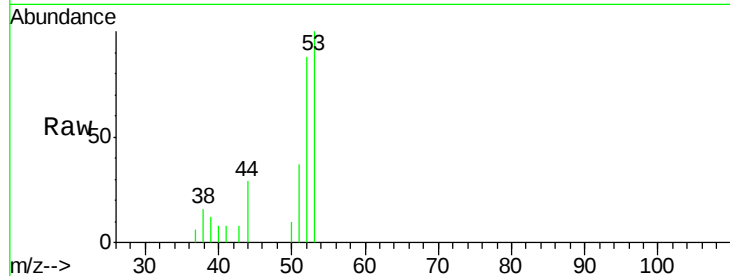
#15
 Acrylonitrile
 Concen: 4.588 ug/l
 RT: 4.94 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
53	100		
52	86.1	67.2	100.8
51	5.2	31.0	46.6#

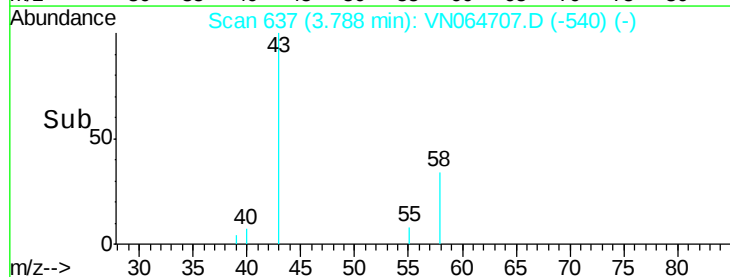
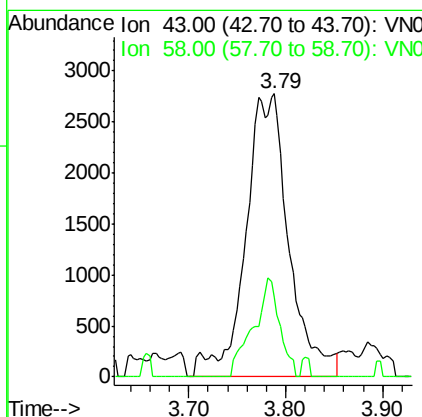
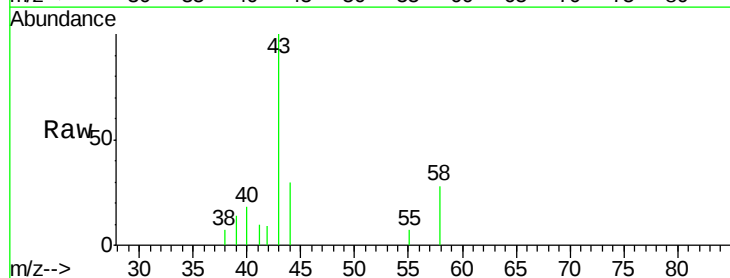
Manual Integrations
 APPROVED

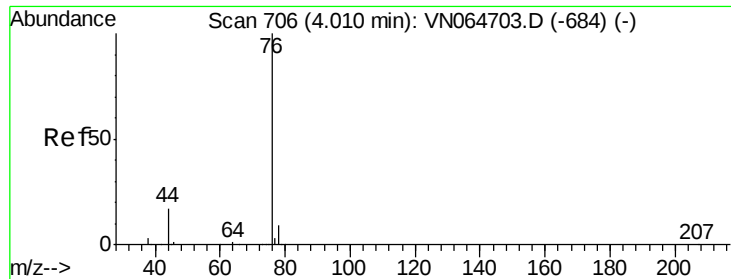
MMDadoda
 11/19/2020 2:10:27 PM



#16
 Acetone
 Concen: 4.707 ug/l m
 RT: 3.79 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.2	31.8





#17

Carbon Disulfide

Concen: 1.437 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 13439

Ion Ratio Lower Upper

76 100

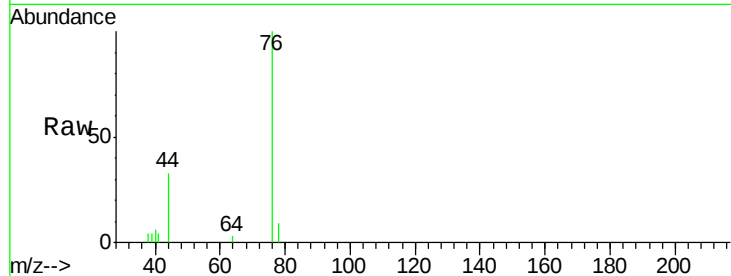
78 9.5 7.1 10.7

Manual Integrations

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MMDadoda

11/19/2020 2:10:27 PM



Abundance Ion 75.90 (75.60 to 76.60): VN064707.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064707.D (-684) (-)

4.01

6000

5000

4000

3000

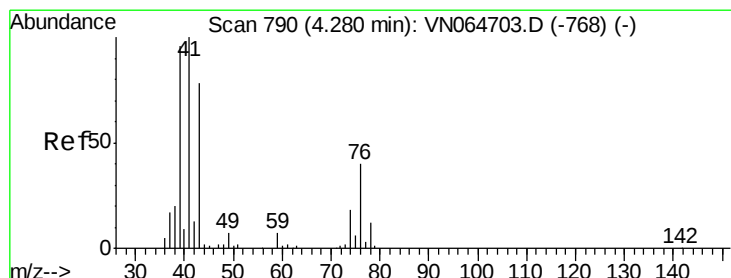
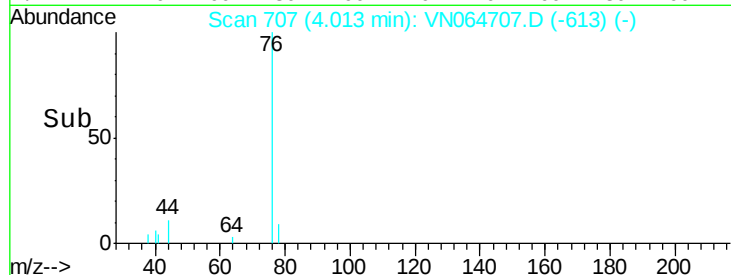
2000

1000

0

Time-->

3.95 4.00 4.05 4.10



#18

Methyl Acetate

Concen: 1.359 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064707.D

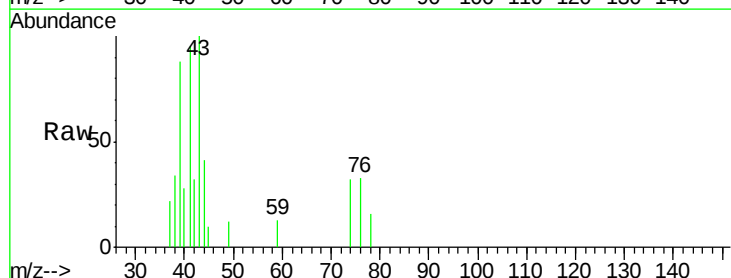
Acq: 18 Nov 2020 14:40

Tgt Ion: 43 Resp: 5207

Ion Ratio Lower Upper

43 100

74 14.0 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VN064707.D (-697) (-)

Ion 74.00 (73.70 to 74.70): VN064707.D (-697) (-)

4.28

2000

1500

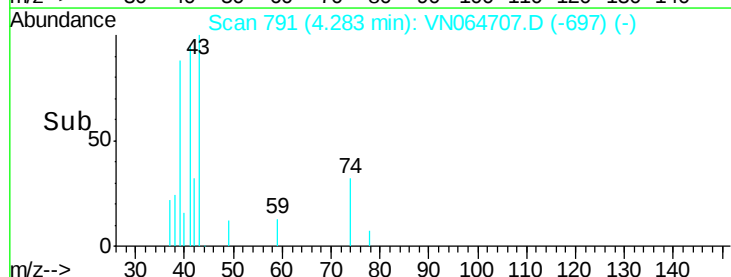
1000

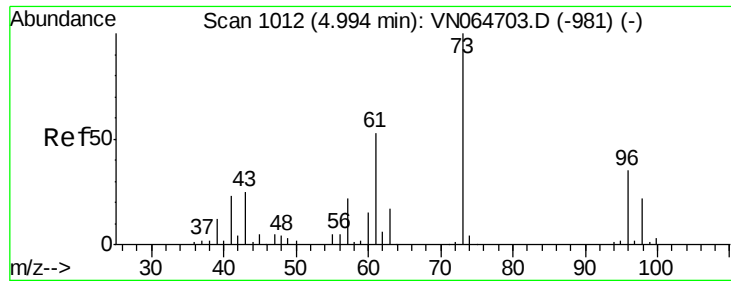
500

0

Time-->

4.20 4.25 4.30 4.35





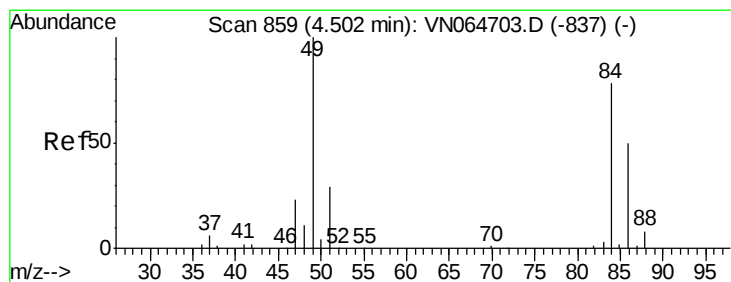
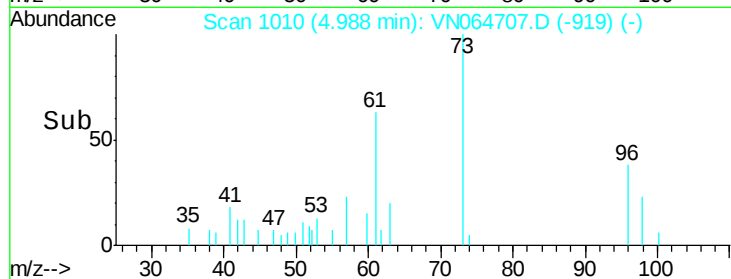
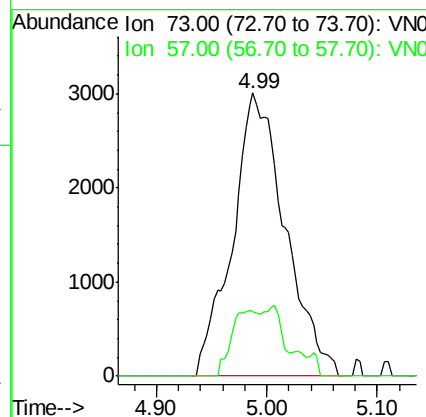
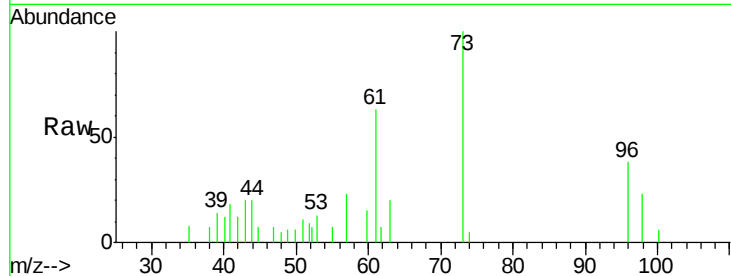
#19
Methvl tert-butvl Ether
Concen: 0.886 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 9980
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

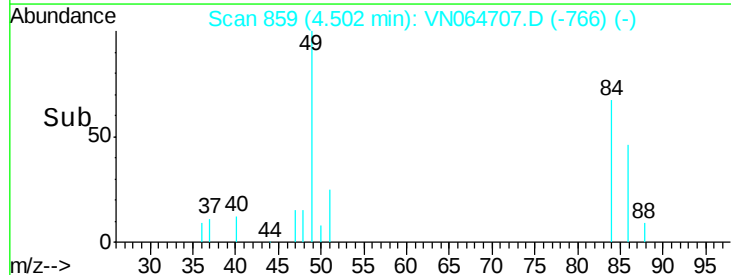
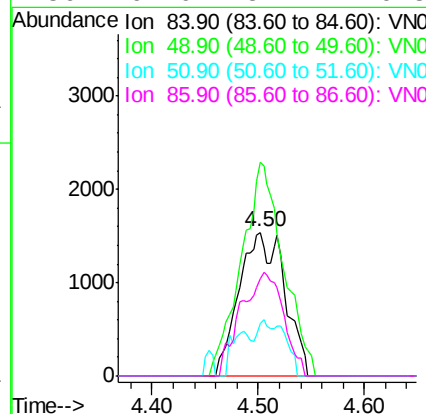
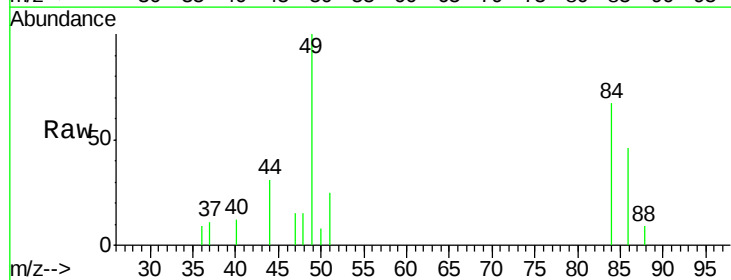
Manual Integrations
APPROVED

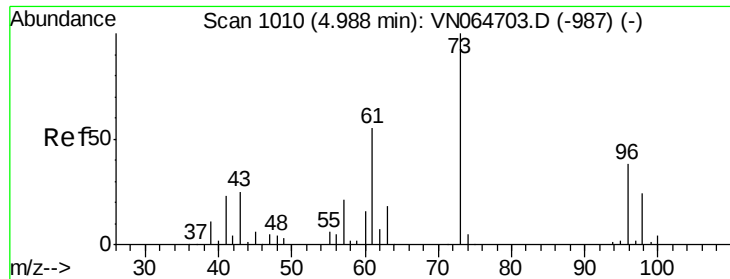
MMDadoda
11/19/2020 2:10:27 PM



#20
Methylene Chloride
Concen: 1.178 ug/l m
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 84 Resp: 4568
Ion Ratio Lower Upper
84 100
49 148.9 102.4 153.6
51 36.5 29.4 44.2
86 67.9 51.2 76.8





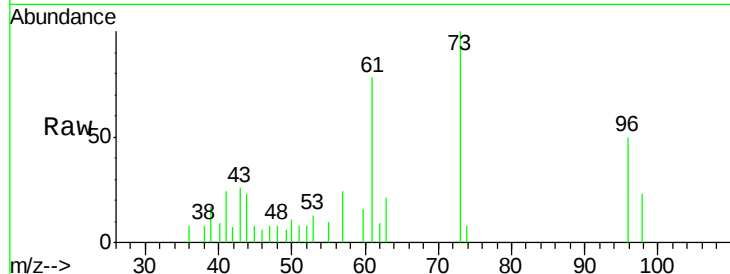
#21
trans-1,2-Dichloroethene
Concen: 1.111 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.0	117.9	176.9
98	46.6	51.1	76.7#

Manual Integrations
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MMDadoda
11/19/2020 2:10:27 PM

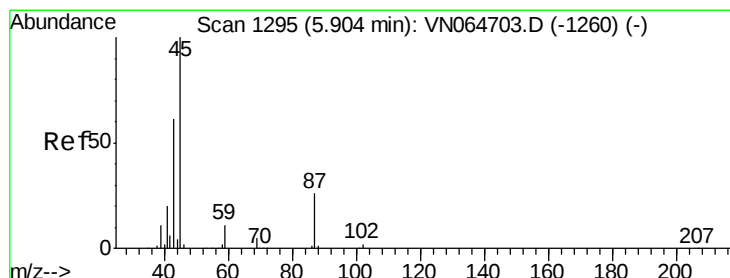
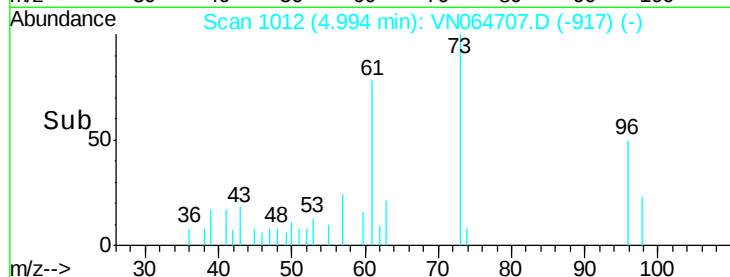
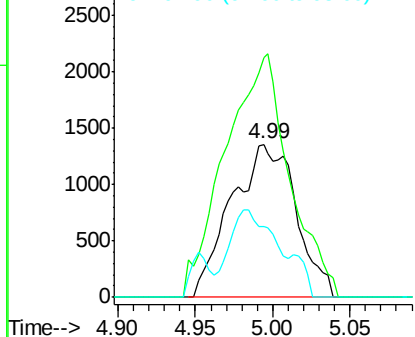


Abundance

Ion 95.90 (95.60 to 96.60): VN064707.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064707.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064707.D (-987) (-)



#22
Diisopropyl ether
Concen: 0.749 ug/l m
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
45	100		
43	87.6	52.3	78.5#
87	28.0	21.6	32.4
59	8.9	8.7	13.1

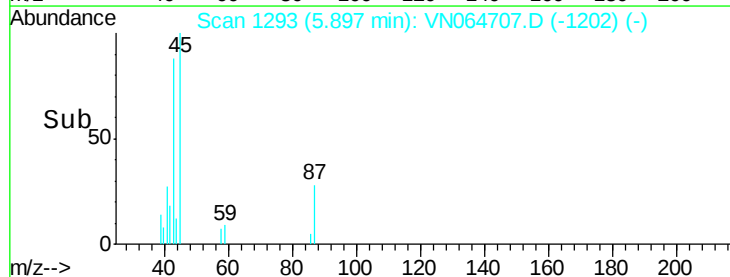
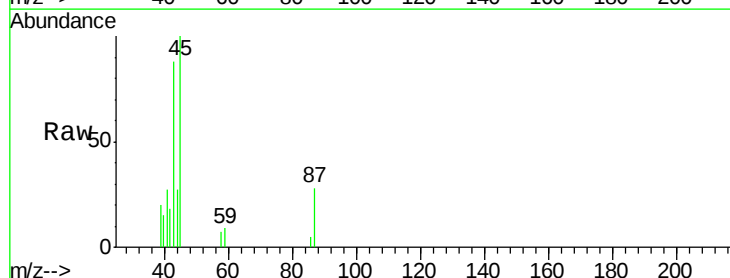
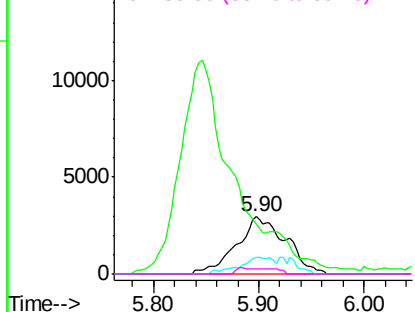
Abundance

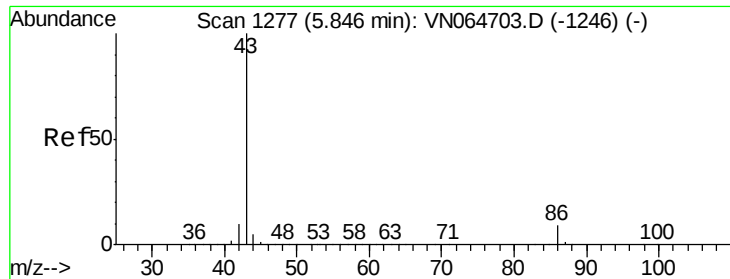
Ion 45.00 (44.70 to 45.70): VN064707.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064707.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064707.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064707.D (-1202) (-)





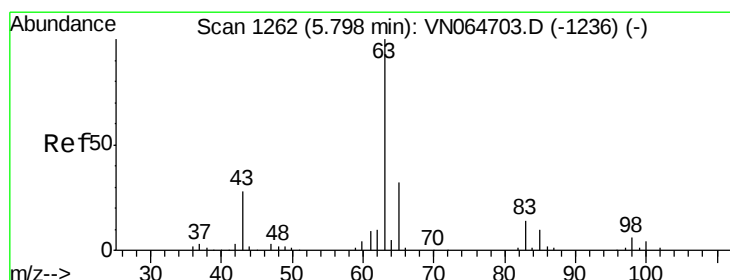
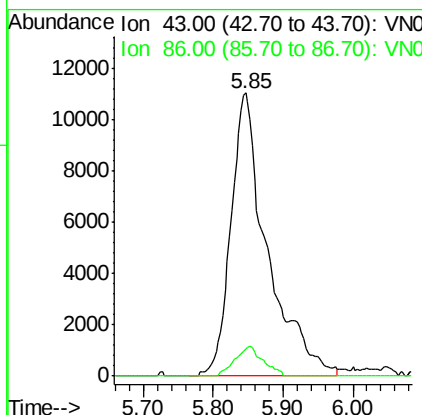
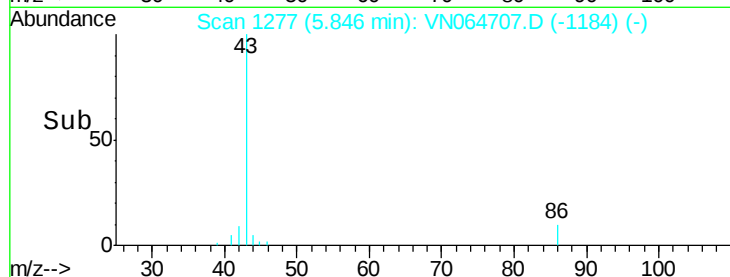
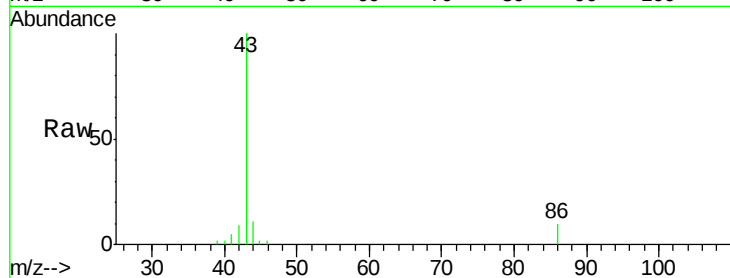
#23
 Vinyl Acetate
 Concen: 3.842 ug/l m
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	43	Resp	39862
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.4	11.0

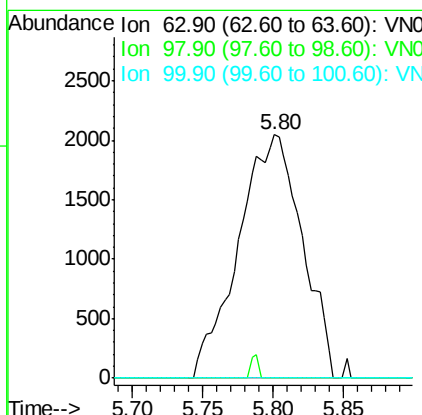
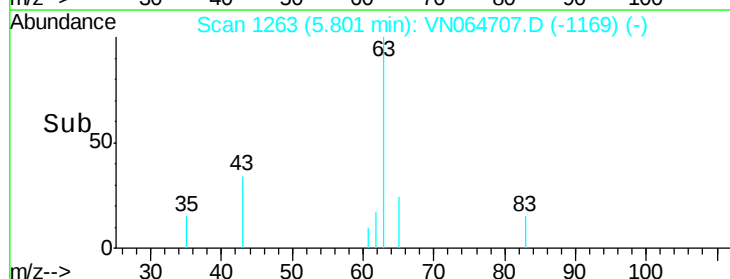
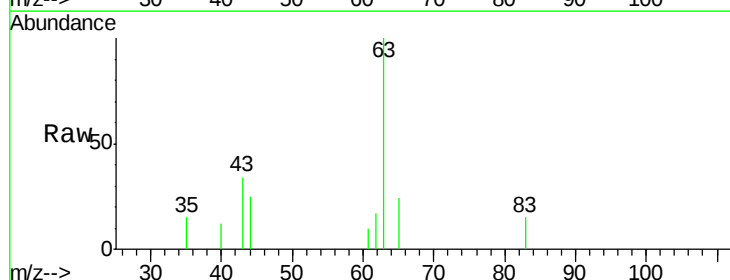
Manual Integrations
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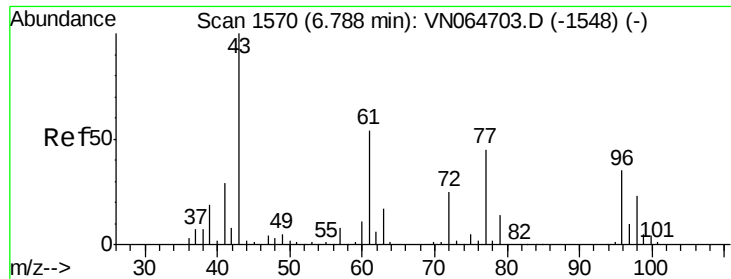
MMDadoda
 11/19/2020 2:10:27 PM



#24
 1,1-Dichloroethane
 Concen: 0.905 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion	63	Resp	6435
Ion Ratio	Lower	Upper	
63	100		
98	0.0	3.2	9.6#
100	0.0	1.9	5.7#





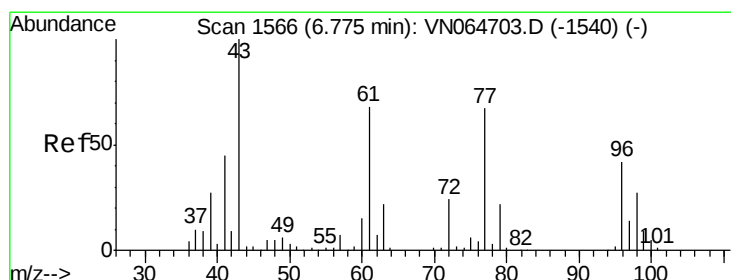
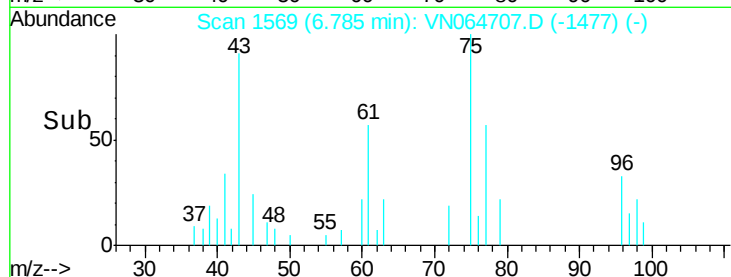
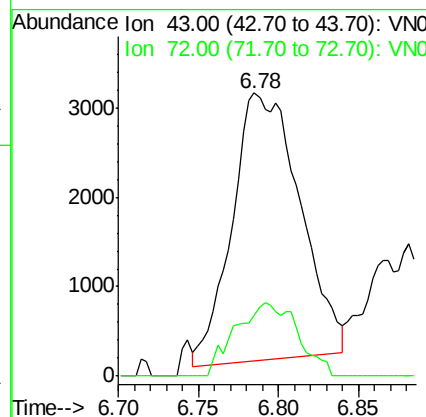
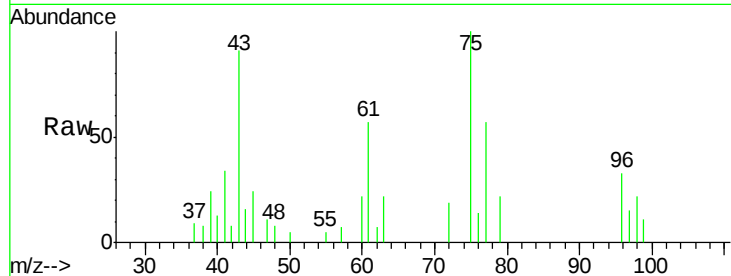
#25
2-Butanone
Concen: 3.628 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 8672
Ion Ratio Lower Upper
43 100
72 23.2 19.7 29.5

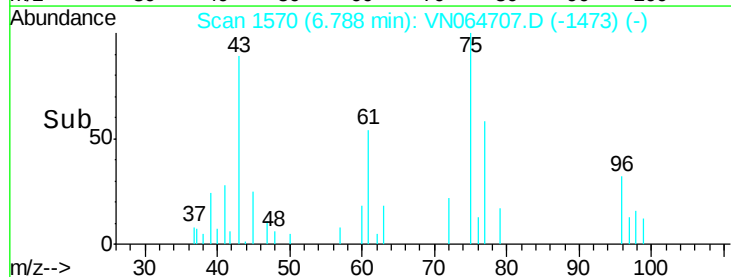
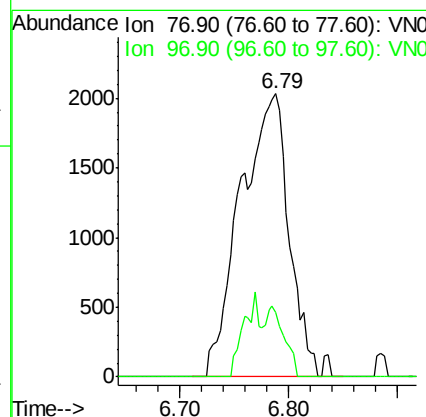
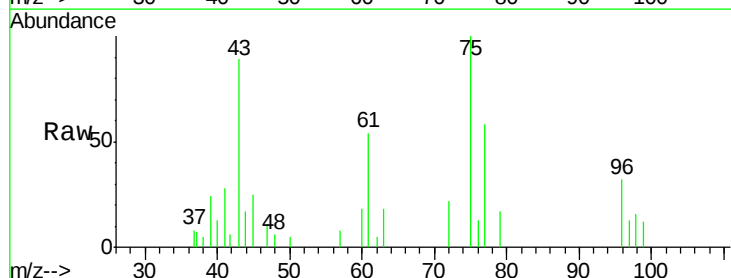
Manual Integrations
APPROVED

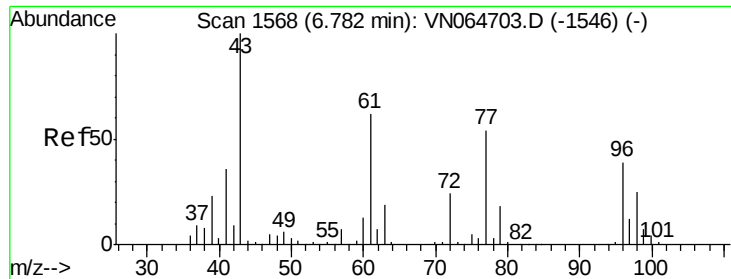
MMDadoda
11/19/2020 2:10:27 PM



#26
2,2-Dichloropropane
Concen: 0.971 ug/l m
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 77 Resp: 6317
Ion Ratio Lower Upper
77 100
97 9.5 10.5 31.5#





#27

cis-1,2-Dichloroethene

Concen: 0.881 ug/l m

RT: 6.76 min Scan# 1562

Delta R.T. -0.02 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

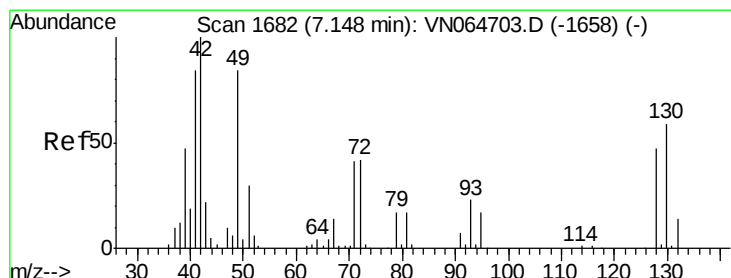
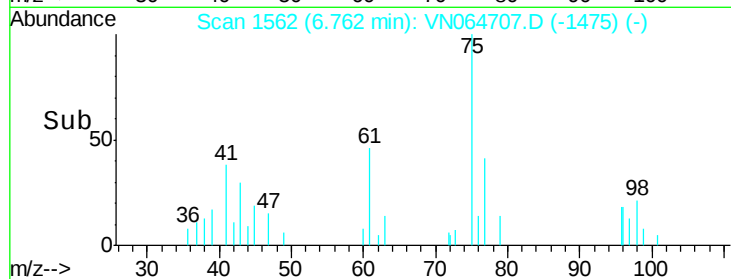
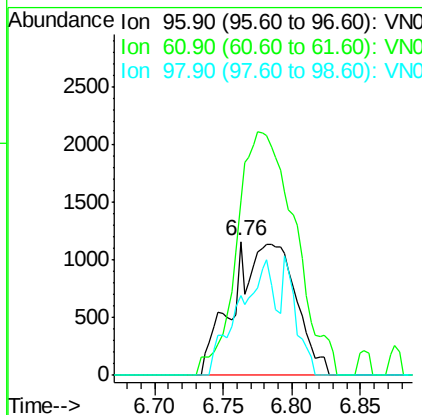
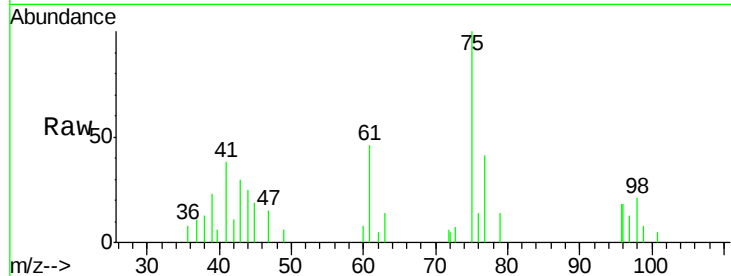
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3621
Ion	Ratio	Lower	Upper
96	100		
61	171.8	0.0	322.6
98	50.8	0.0	128.6

Manual Integrations
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11/19/2020 2:10:27 PM



#28

Bromochloromethane

Concen: 0.879 ug/l m

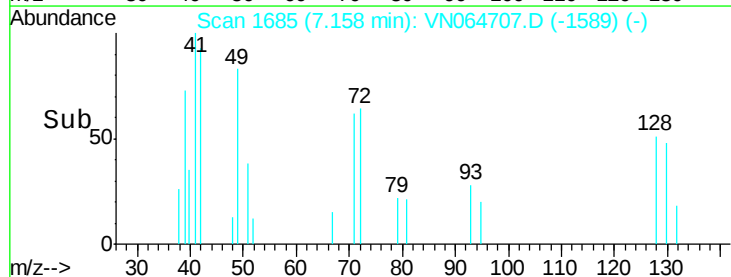
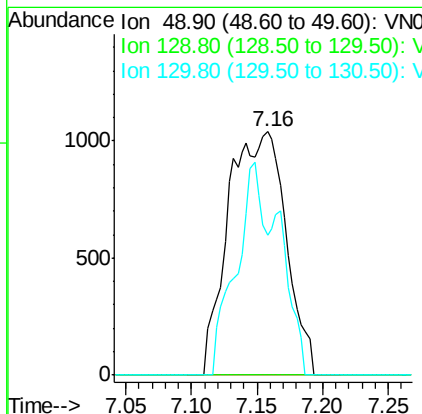
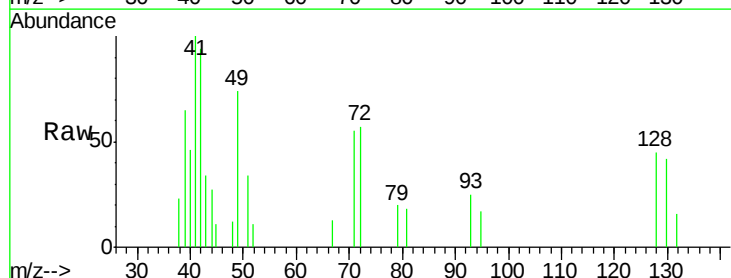
RT: 7.16 min Scan# 1685

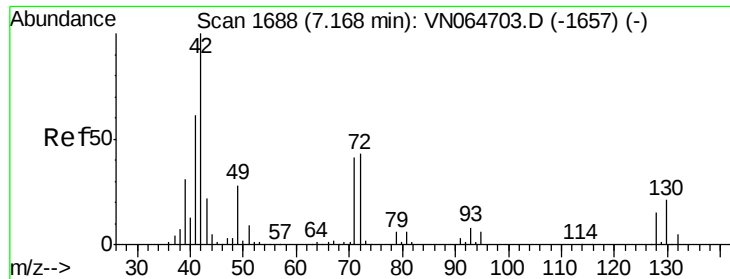
Delta R.T. 0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tgt Ion:	49	Resp:	3159
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	43.4	56.2	84.4#





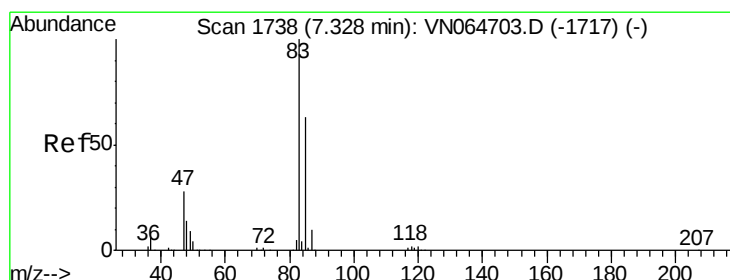
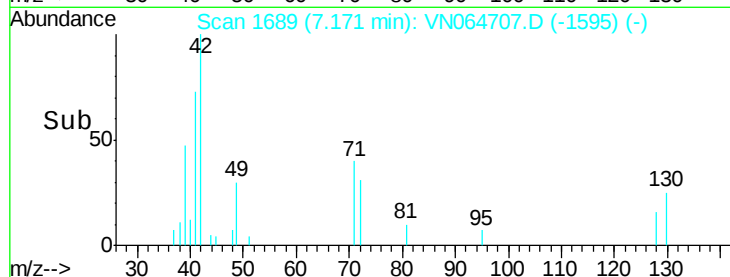
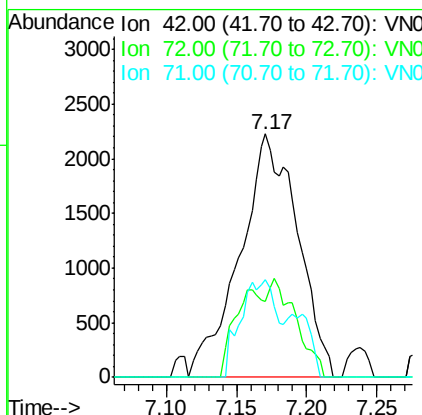
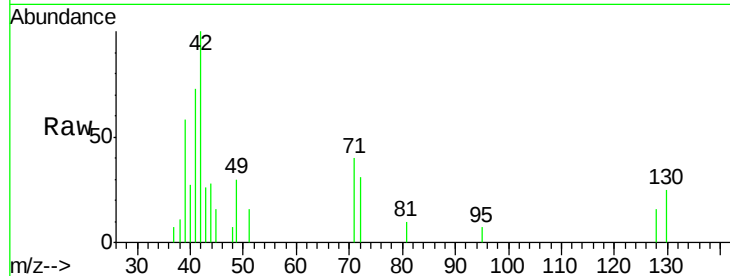
#29
Tetrahydrofuran
Concen: 4.239 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	19.2	33.0	49.4#
71	25.6	31.8	47.6#

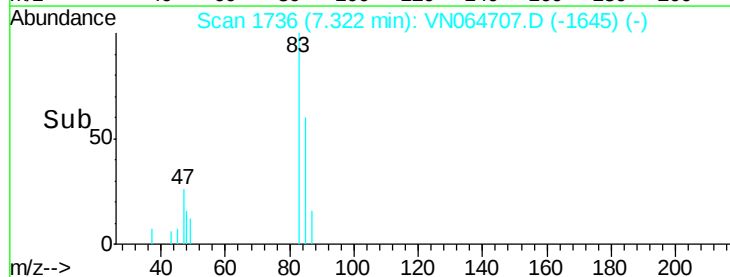
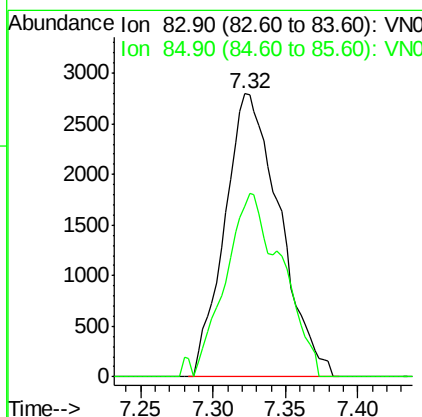
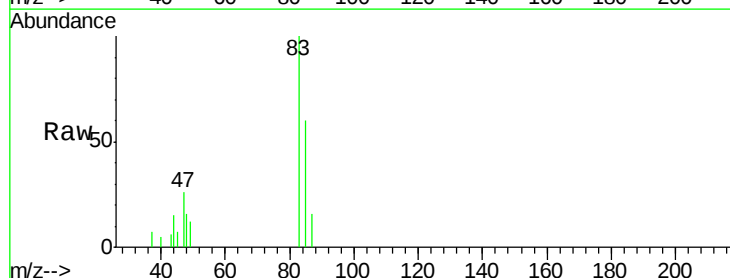
Manual Integrations
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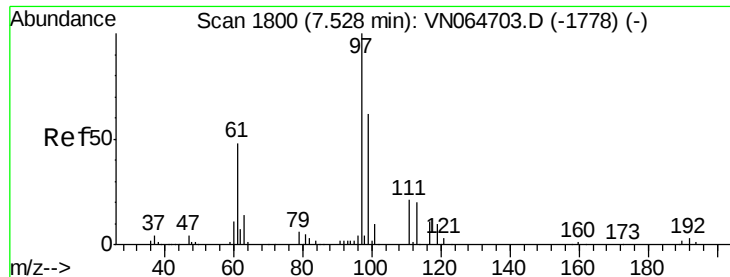
MMDadoda
11/19/2020 2:10:27 PM



#30
Chloroform
Concen: 0.983 ug/l
RT: 7.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	50.6	75.8





#32

1,1,1-Trichloroethane

Concen: 1.039 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

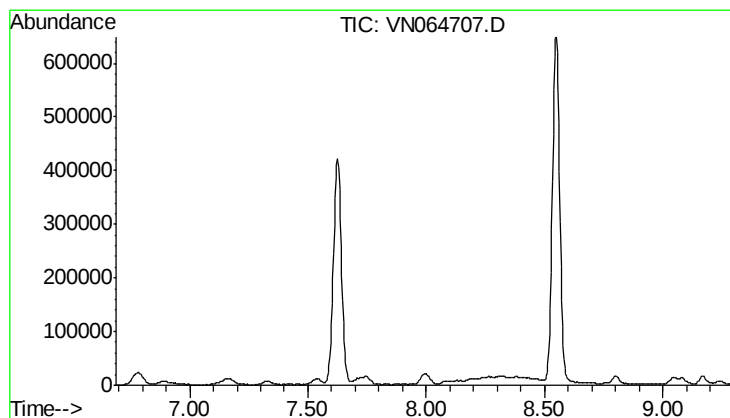
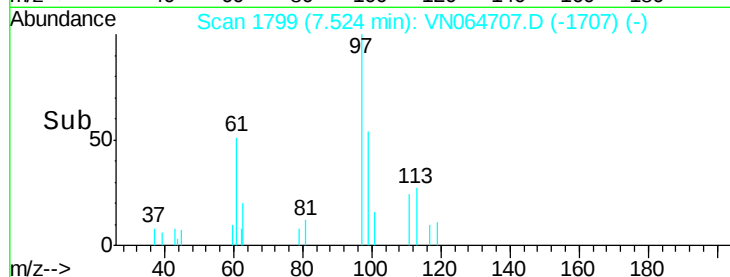
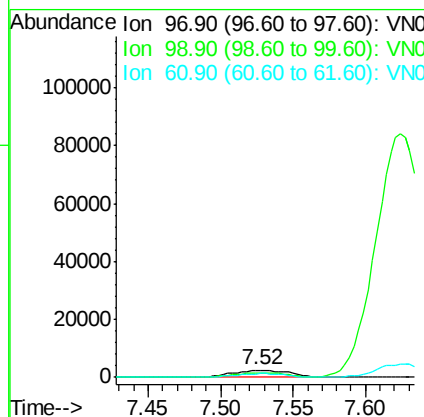
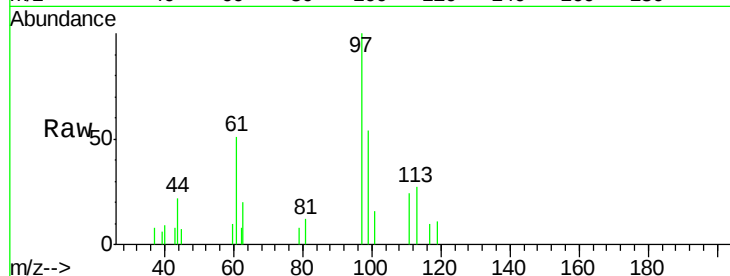
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	6951
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0#
61	44.7	38.3	57.5

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN064707.D

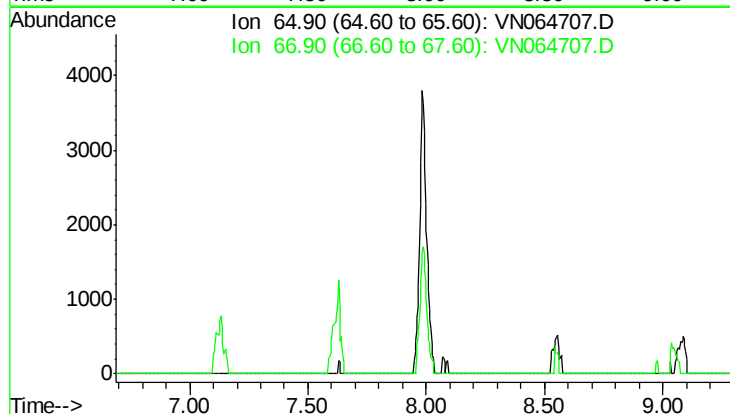
Acq: 18 Nov 2020 14:40

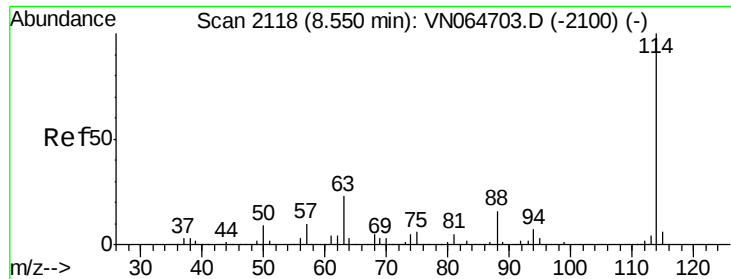
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.9





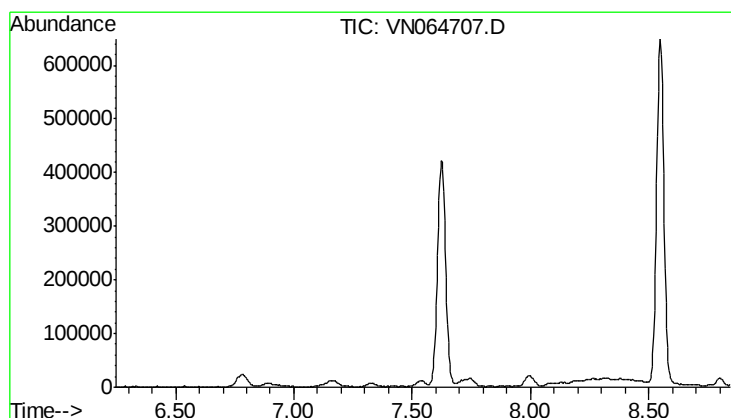
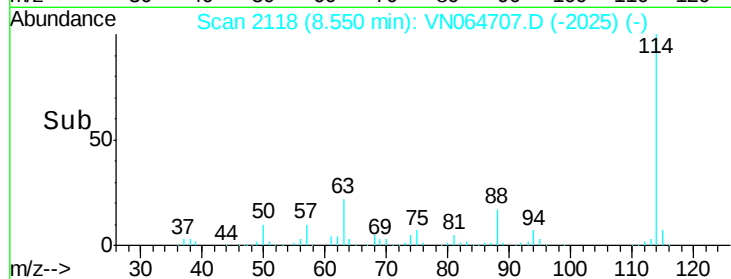
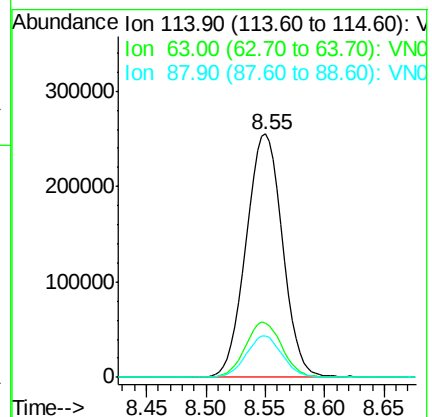
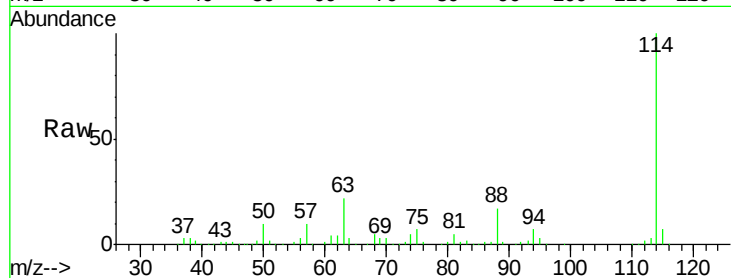
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.4	0.0	46.0
88	17.1	0.0	31.2

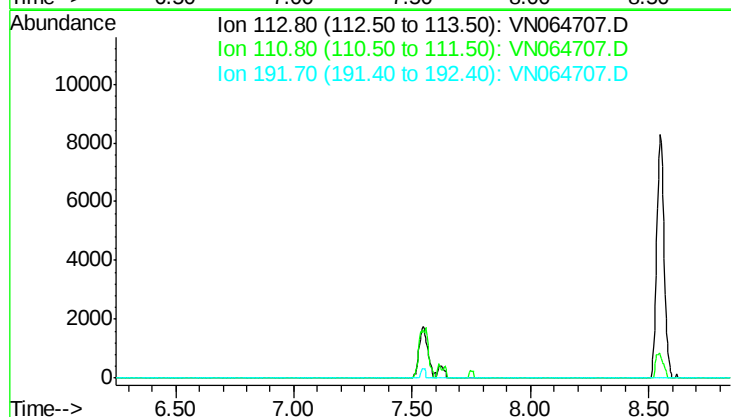
Manual Integrations
 APPROVED

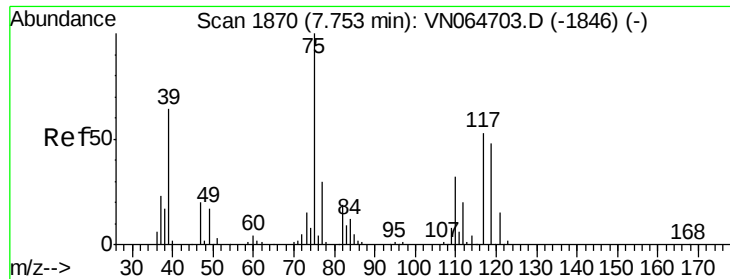
MMDadoda
 11/19/2020 2:10:27 PM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion	Exp Ratio
113	100
111	102.8
192	15.9





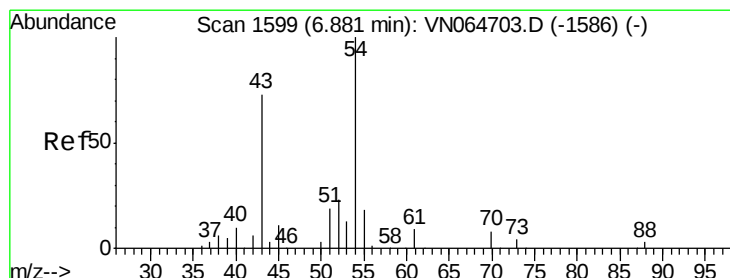
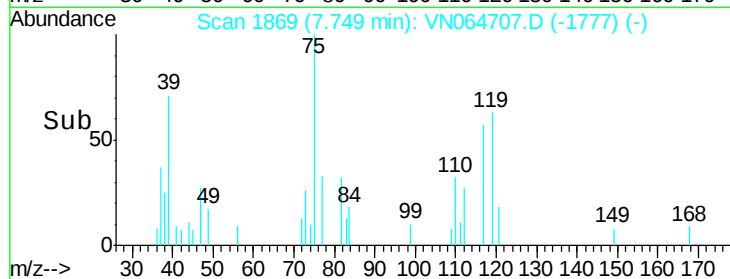
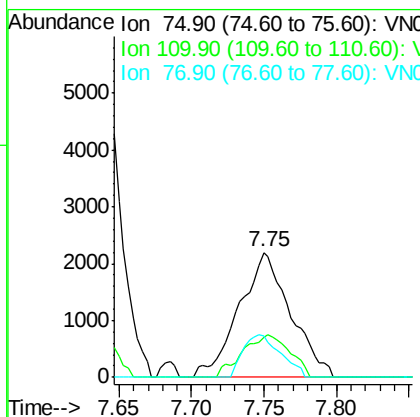
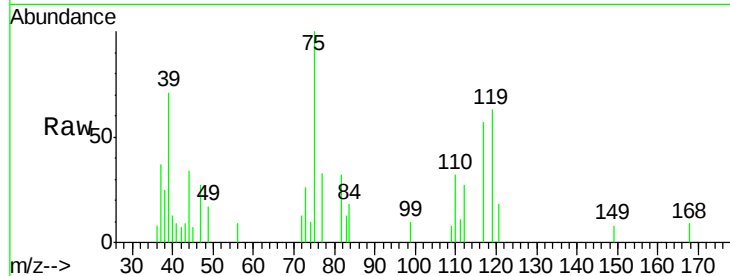
#36
 1,1-Dichloropropene
 Concen: 0.963 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.2	48.6
77	25.0	24.4	36.6

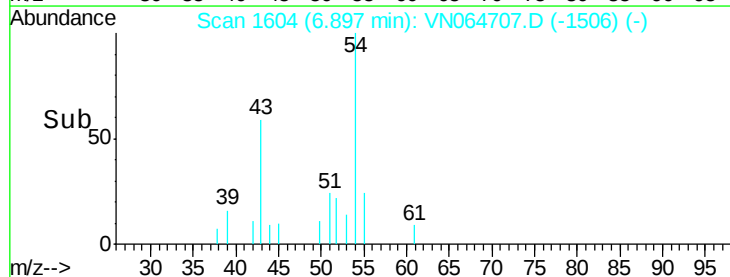
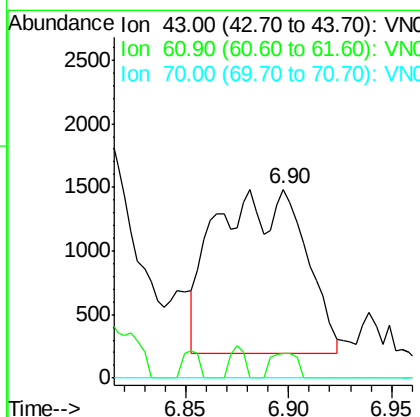
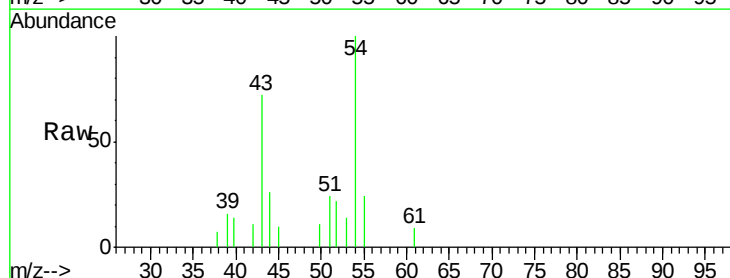
Manual Integrations
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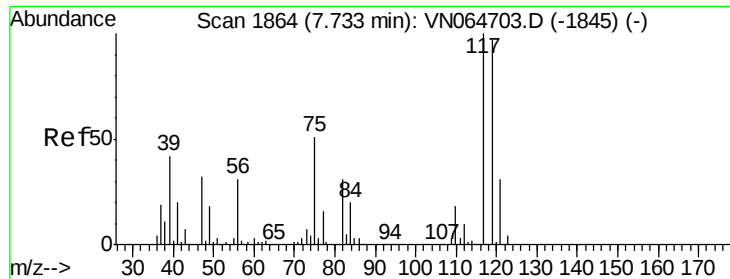
MMDadoda
 11/19/2020 2:10:27 PM



#37
 Ethyl Acetate
 Concen: 0.776 ug/l m
 RT: 6.90 min Scan# 1604
 Delta R.T. 0.02 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.6	11.4#





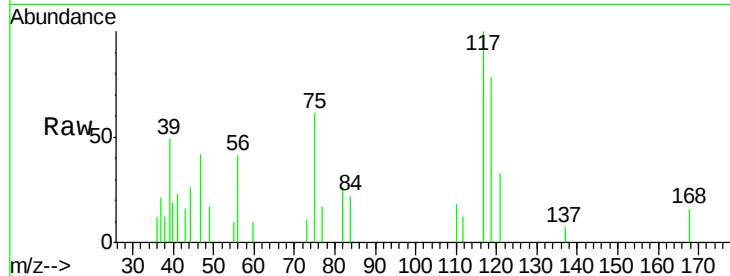
#38
Carbon Tetrachloride
Concen: 0.878 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	78.4	77.8	116.6
121	33.0	24.9	37.3

Manual Integrations
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11/19/2020 2:10:27 PM

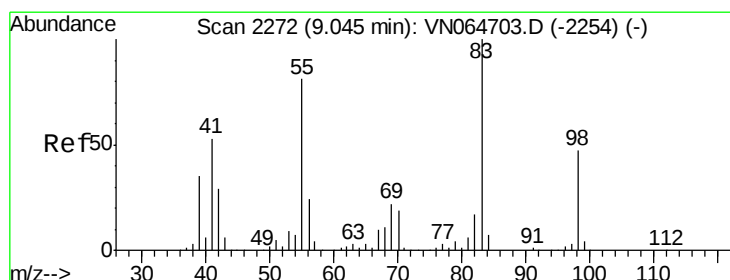
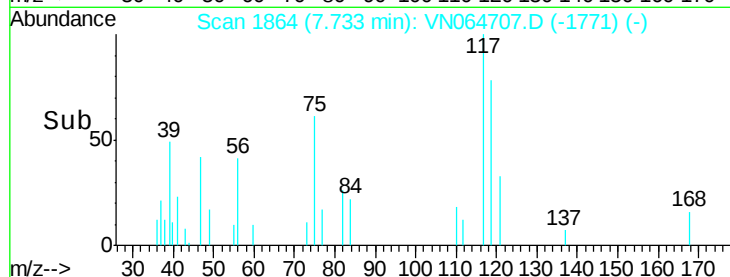
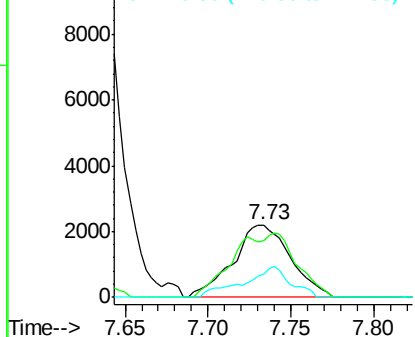


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 0.994 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

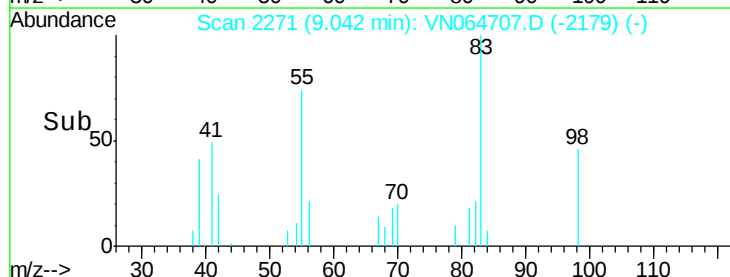
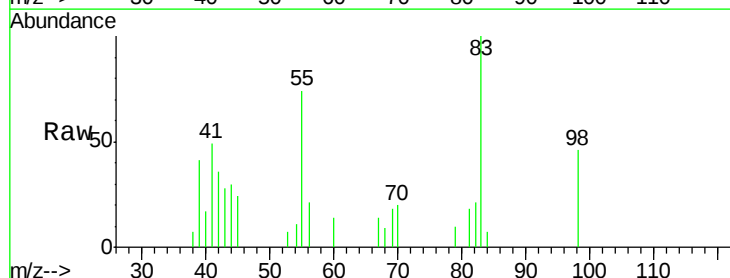
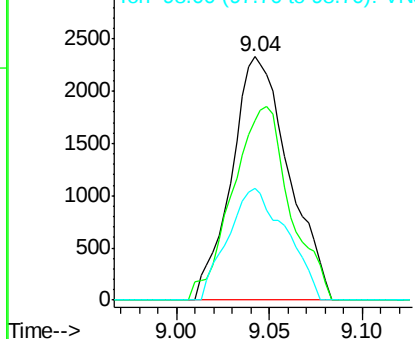
Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.6	64.6	97.0
98	45.8	37.7	56.5

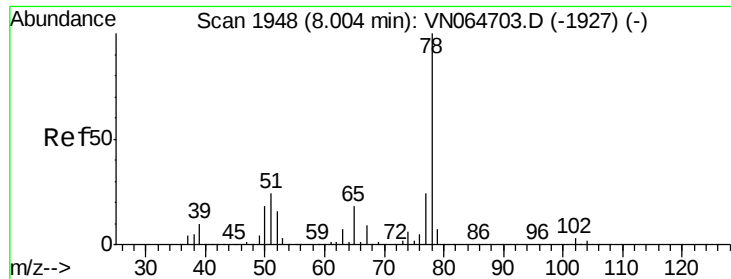
Abundance

Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





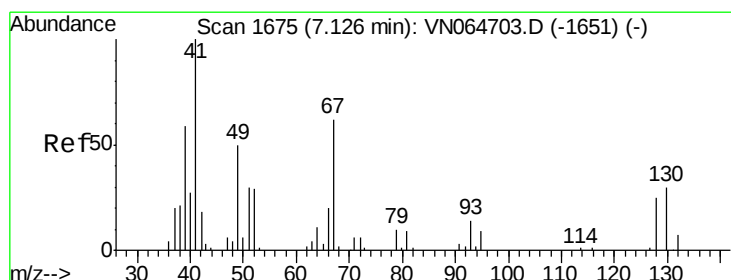
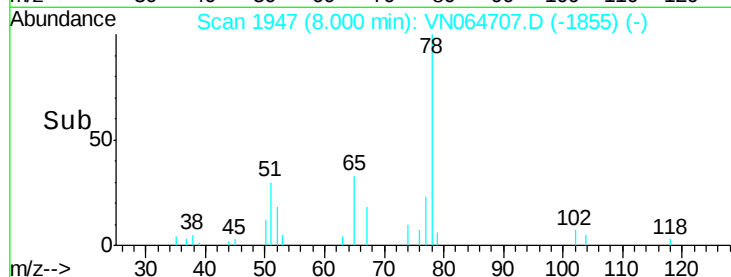
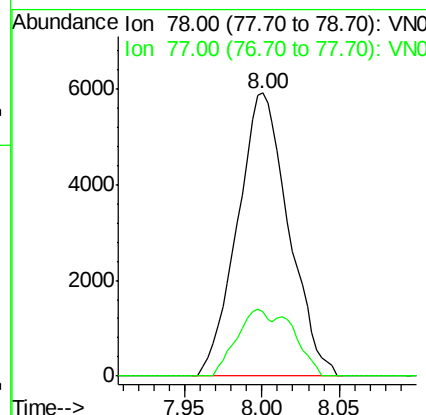
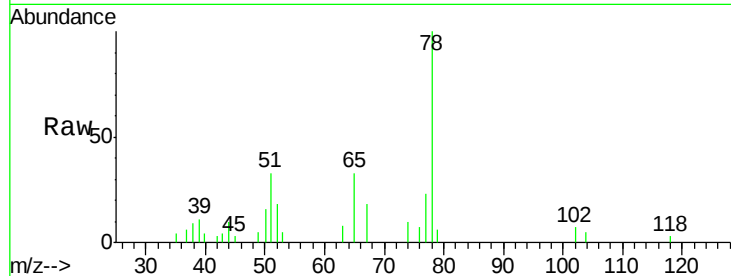
#40
Benzene
Concen: 0.825 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 13604
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8

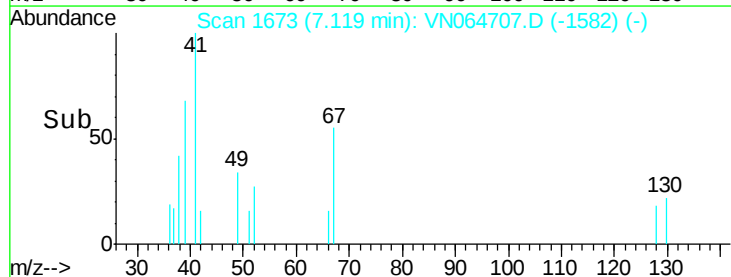
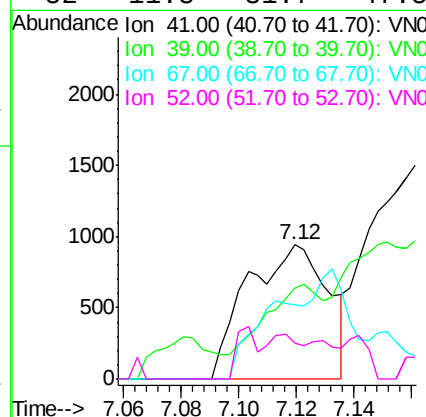
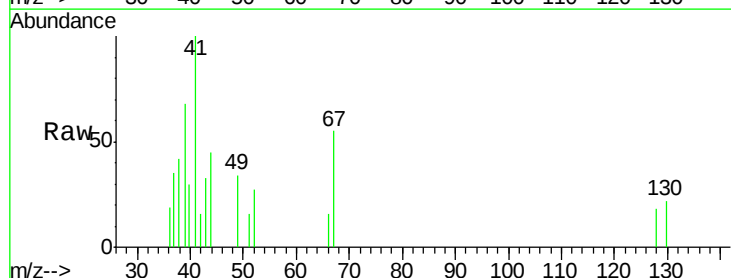
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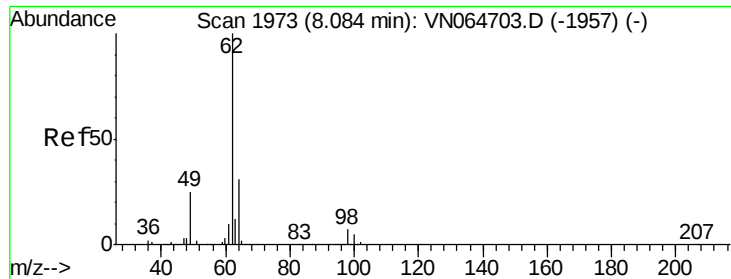
MMDadoda
11/19/2020 2:10:27 PM



#41
Methacrylonitrile
Concen: 0.731 ug/l m
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 41 Resp: 1828
Ion Ratio Lower Upper
41 100
39 37.4 46.0 69.0#
67 37.4 67.0 100.4#
52 11.8 31.7 47.5#





#42

1,2-Dichloroethane

Concen: 0.964 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 6459

Ion Ratio Lower Upper

62 100

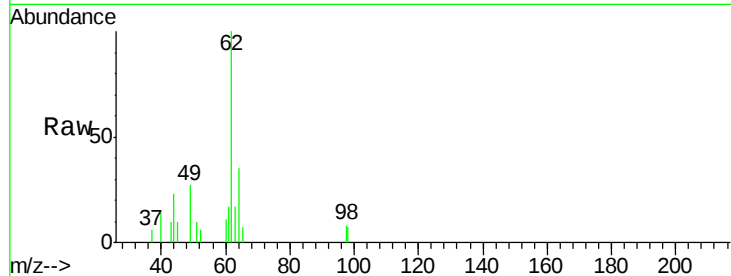
98 3.9 0.0 13.6

Manual Integrations

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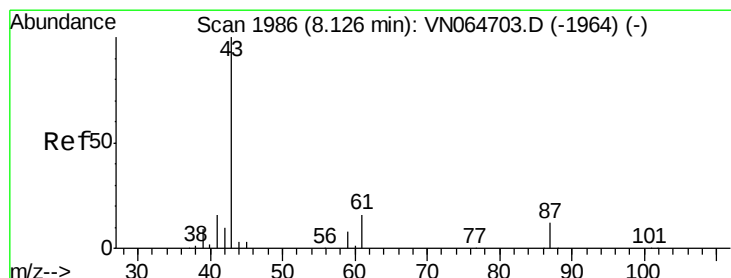
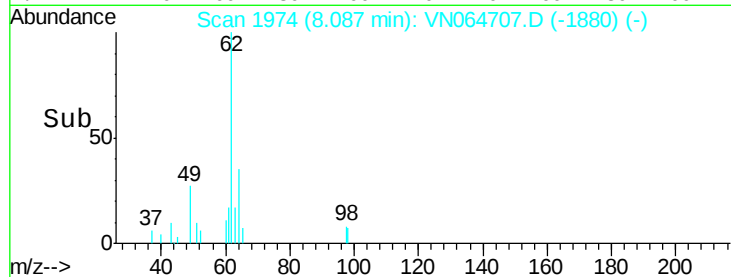
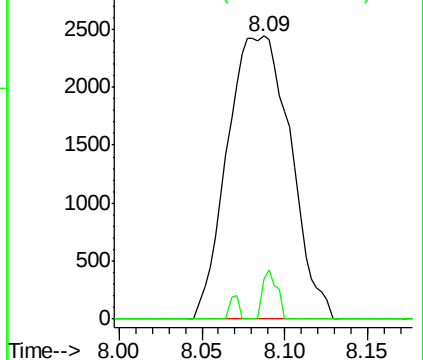
MMDadoda

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Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#43

Isopropyl Acetate

Concen: 1.008 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

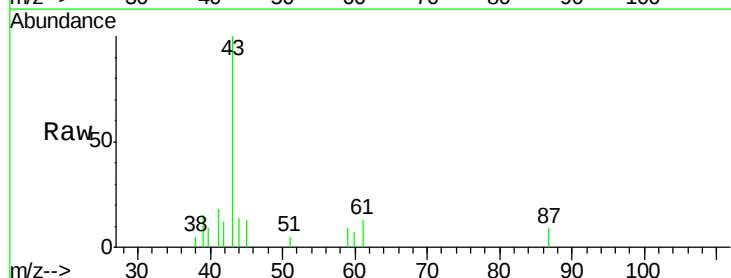
Tgt Ion: 43 Resp: 9153

Ion Ratio Lower Upper

43 100

61 3.3 14.1 21.1#

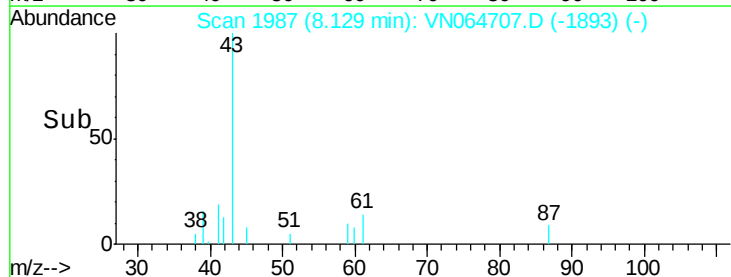
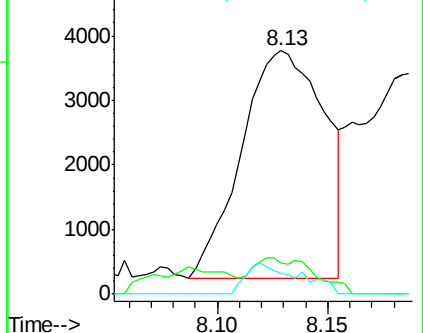
87 8.9 9.1 13.7#

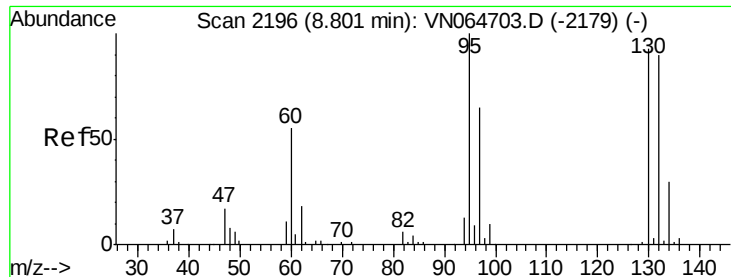


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 1.121 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 4719

Ion Ratio Lower Upper

130 100

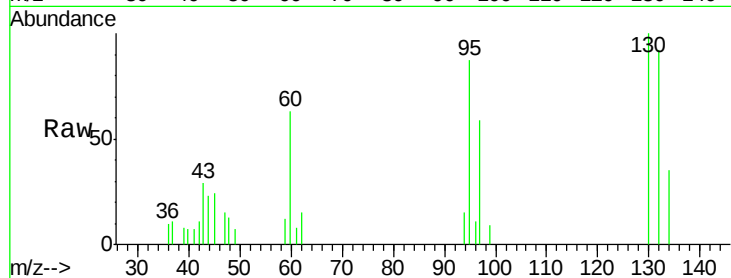
95 87.3 0.0 214.2

Manual Integrations

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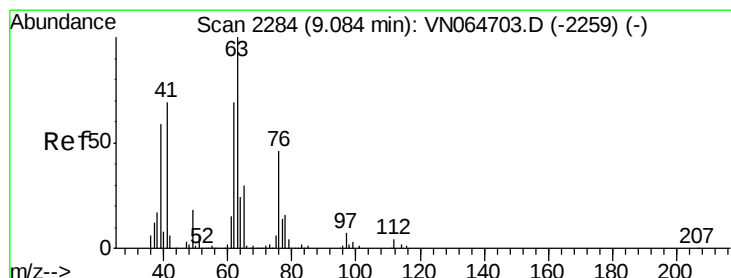
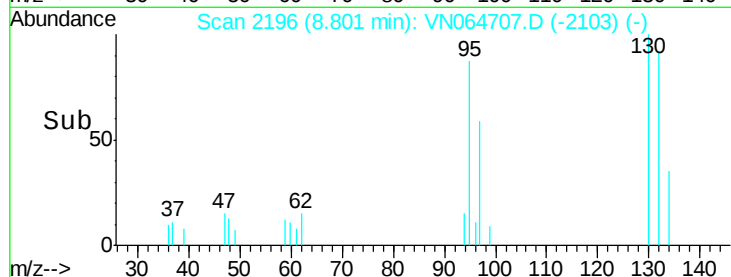
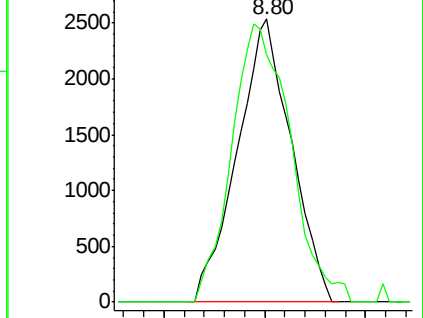
MMDadoda

11/19/2020 2:10:27 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.880 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064707.D

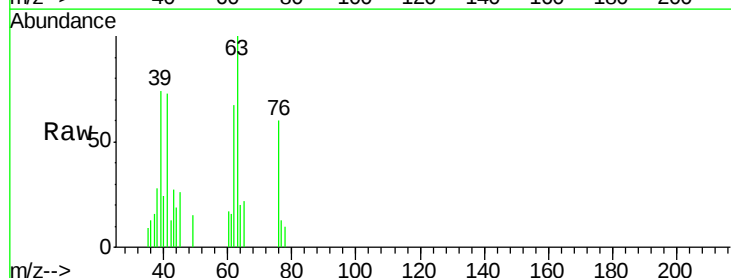
Acq: 18 Nov 2020 14:40

Tgt Ion: 63 Resp: 3863

Ion Ratio Lower Upper

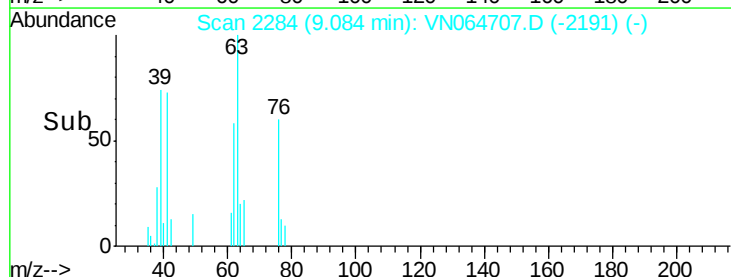
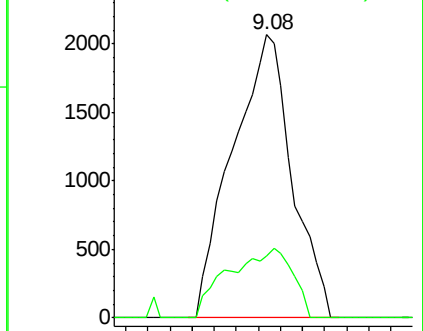
63 100

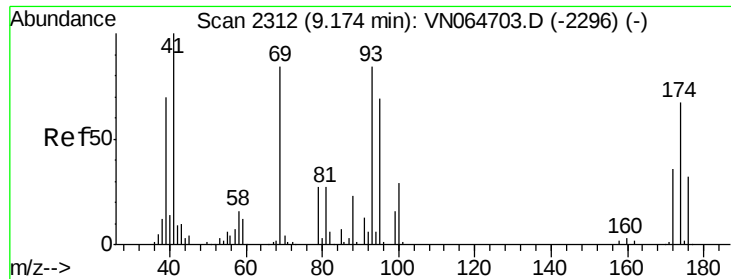
65 21.9 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





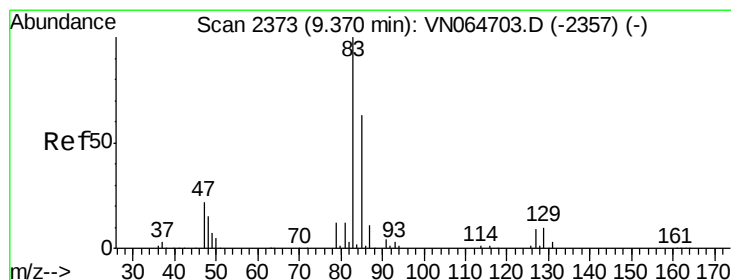
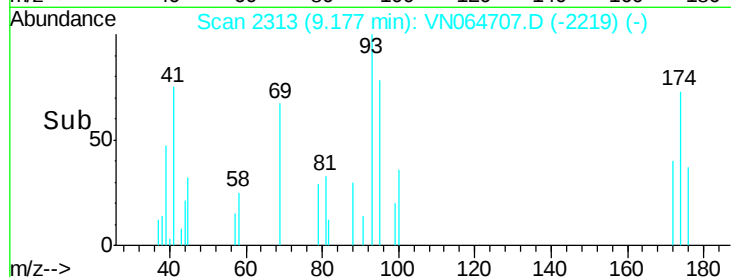
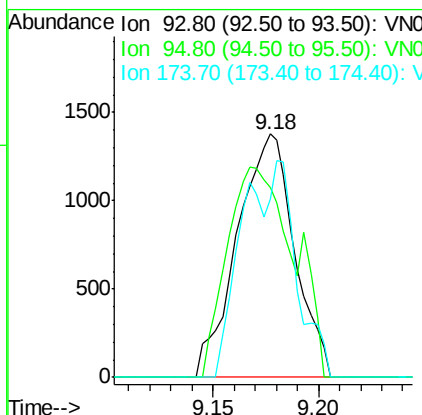
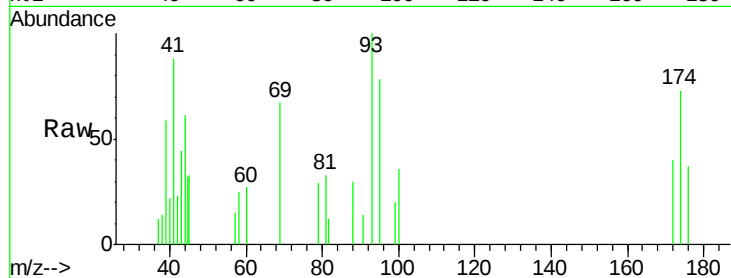
#46
Dibromomethane
Concen: 0.886 ug/l
RT: 9.18 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	0.0	64.6	97.0#
174	43.9	64.3	96.5#

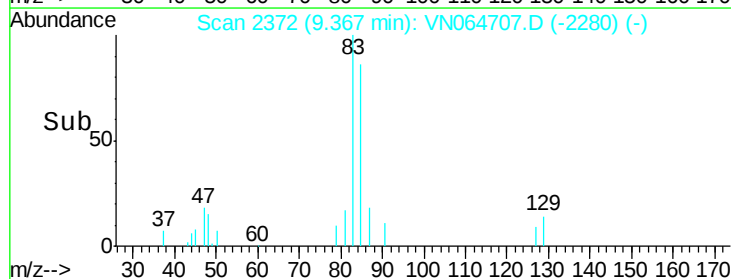
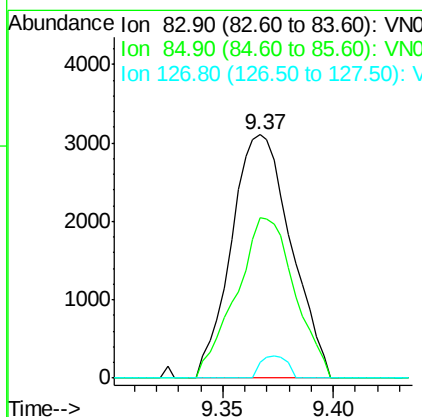
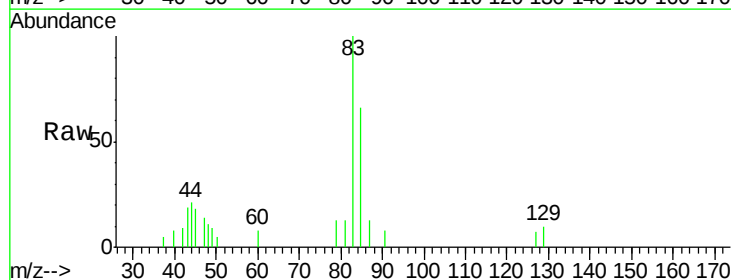
Manual Integrations
APPROVED

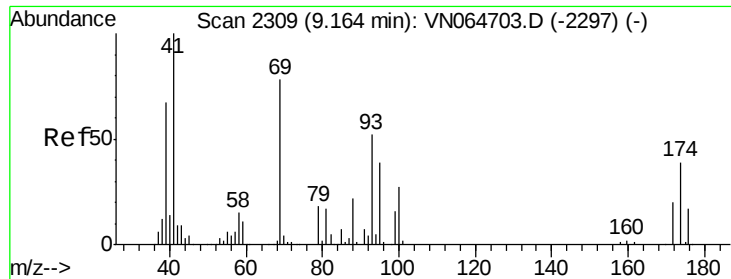
MMDadoda
11/19/2020 2:10:27 PM



#47
Bromodichloromethane
Concen: 0.926 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.8	76.2
127	6.7	7.0	10.4#





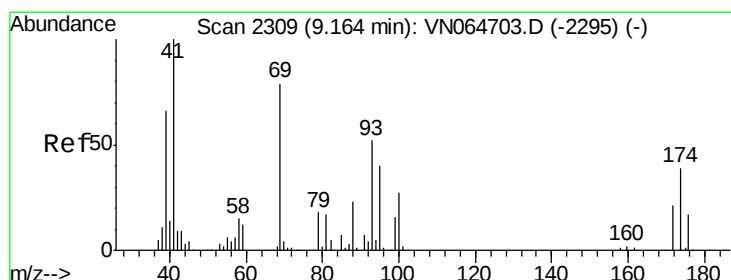
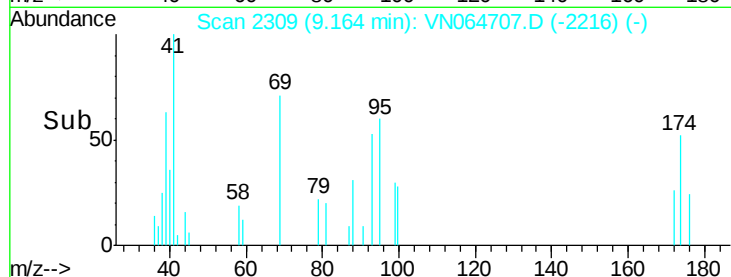
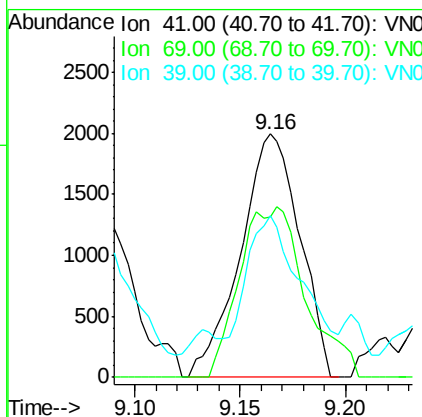
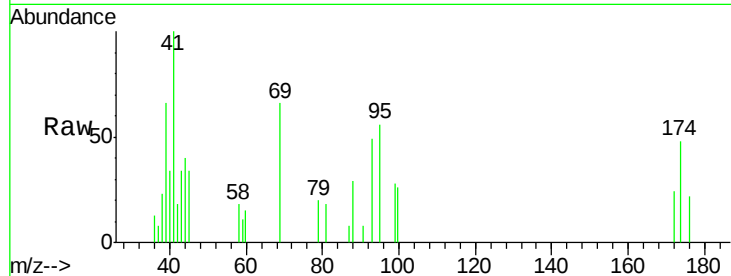
#48
Methvl methacrylate
Concen: 0.852 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	78.3	62.3	93.5
39	49.4	55.1	82.7#

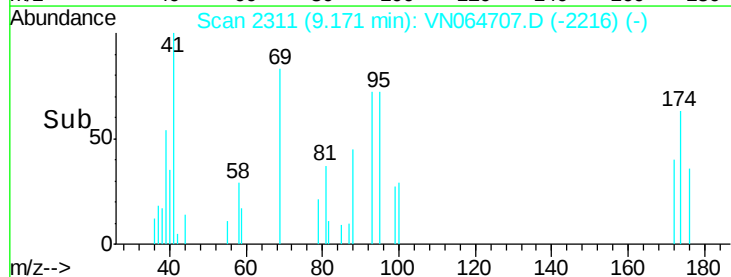
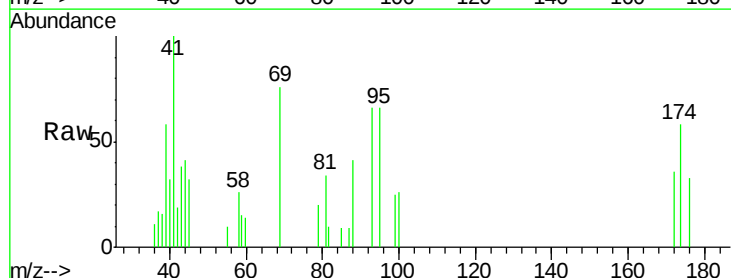
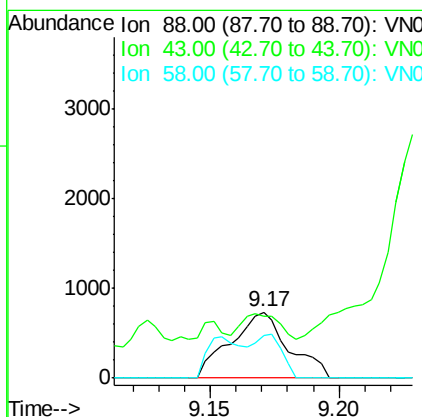
Manual Integrations
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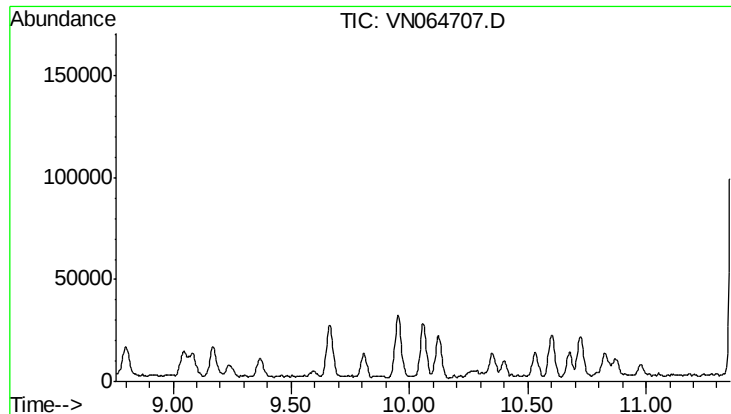
MMDadoda
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#49
1,4-Dioxane
Concen: 19.337 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.2	31.3	46.9#
58	31.2	55.7	83.5#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min

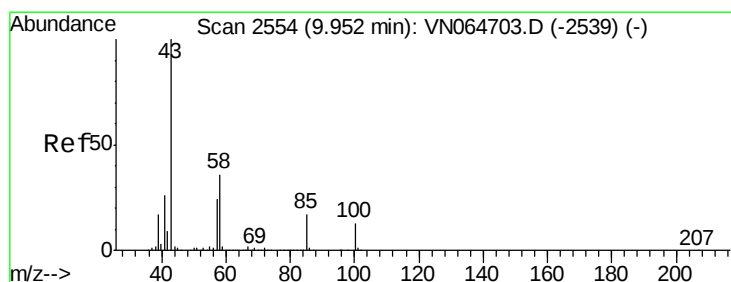
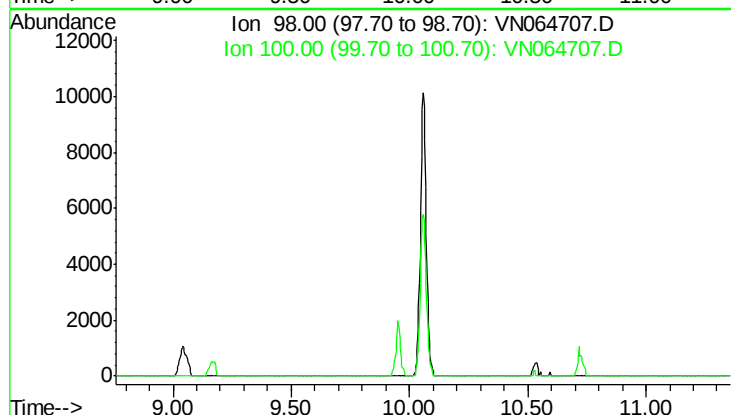
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.0

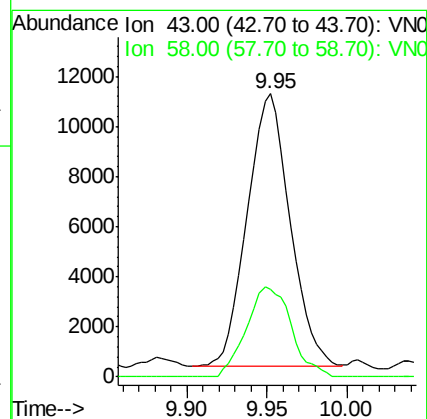
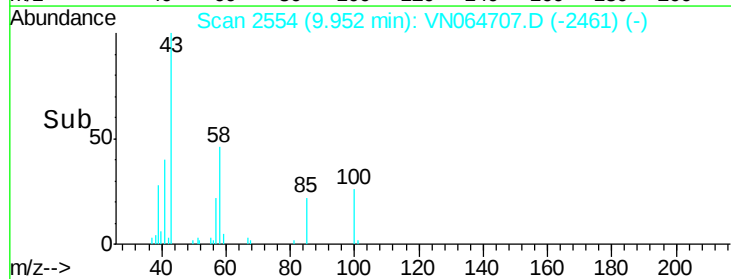
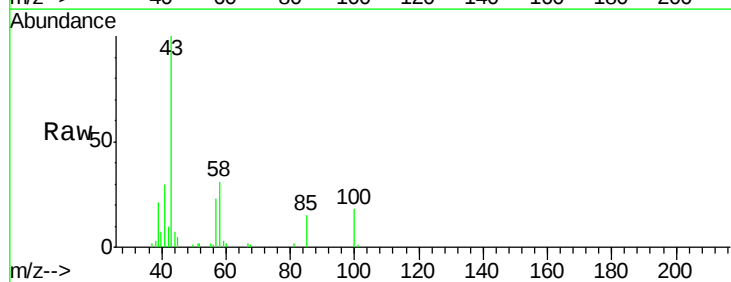
Manual Integrations
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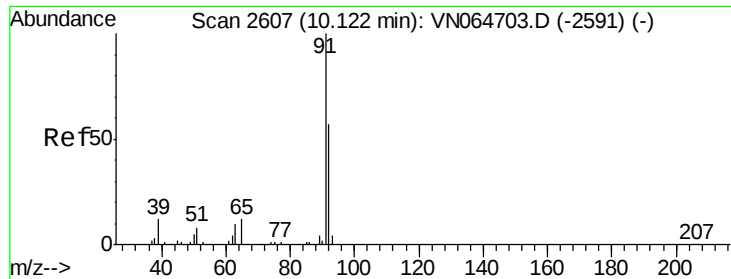
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 3.789 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 43 Resp: 19954
Ion Ratio Lower Upper
43 100
58 34.4 28.5 42.7





#52

Toluene

Concen: 0.806 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 8117

Ion Ratio Lower Upper

92 100

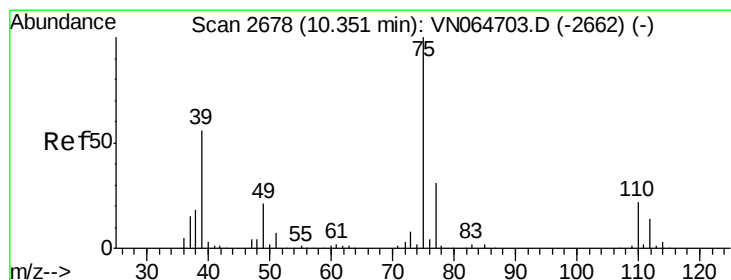
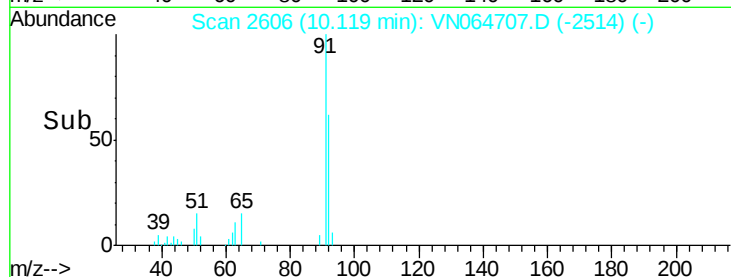
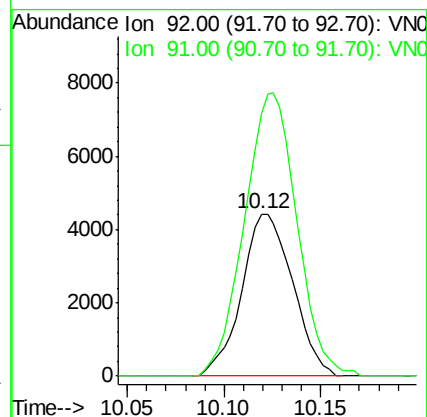
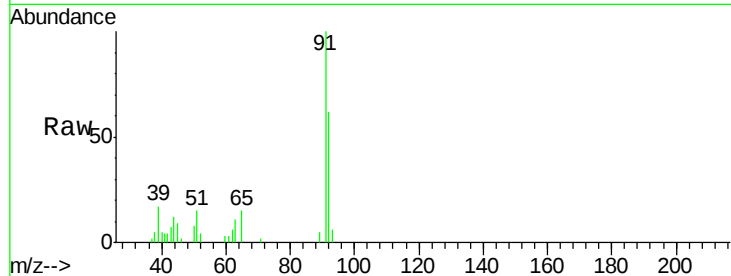
91 179.8 141.2 211.8

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.813 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064707.D

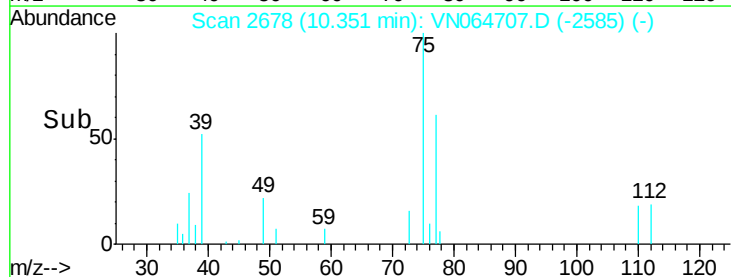
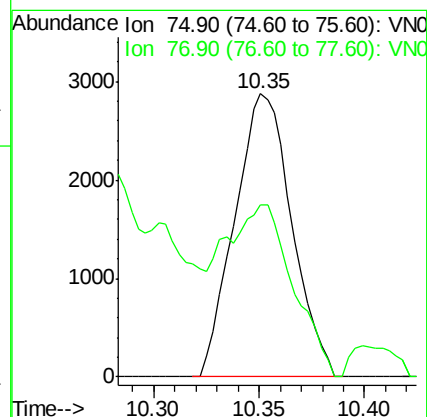
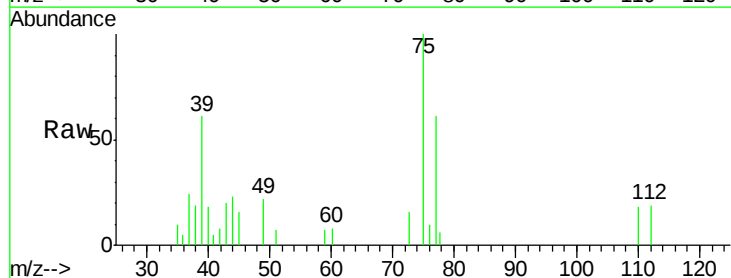
Acq: 18 Nov 2020 14:40

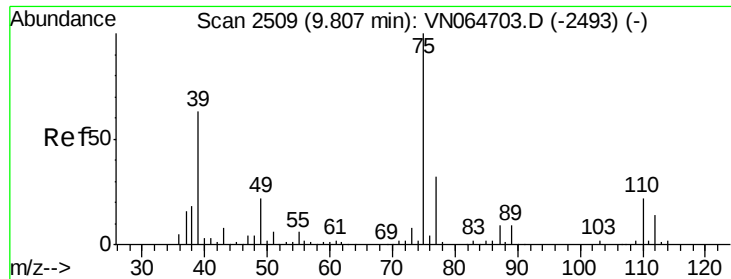
Tgt Ion: 75 Resp: 5384

Ion Ratio Lower Upper

75 100

77 60.7 25.4 38.0#





#54

cis-1,3-Dichloropropene

Concen: 0.765 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

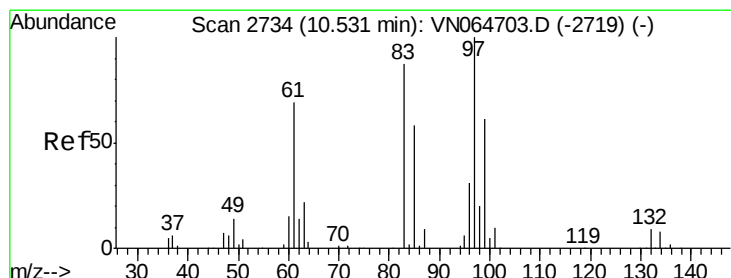
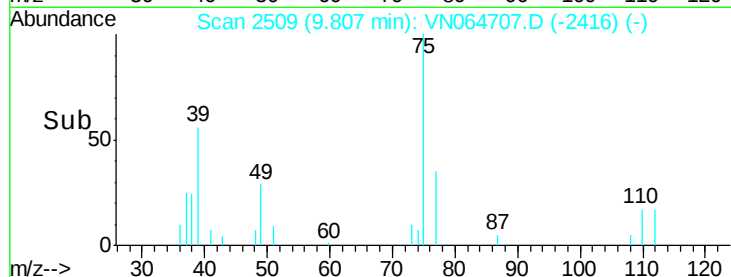
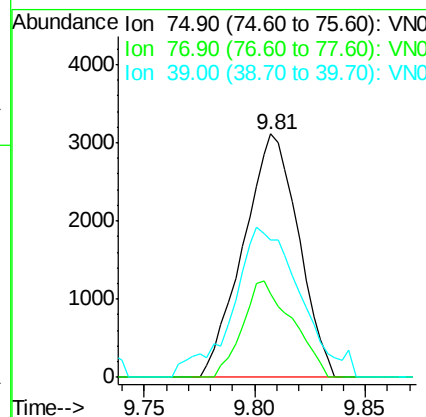
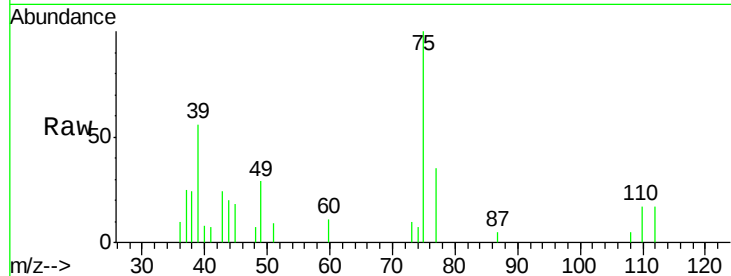
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	5391
Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.8	38.8
39	49.2	50.5	75.7#

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#55

1,1,2-Trichloroethane

Concen: 0.841 ug/l

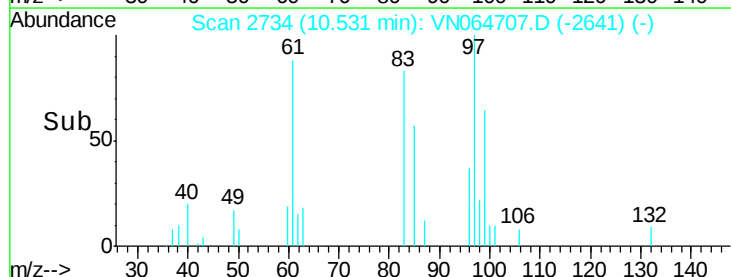
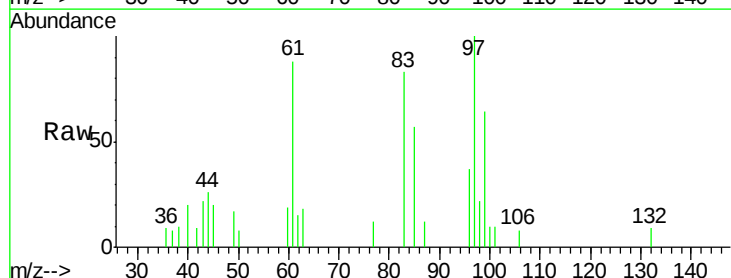
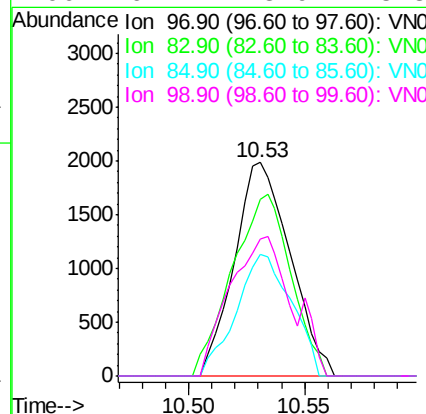
RT: 10.53 min Scan# 2734

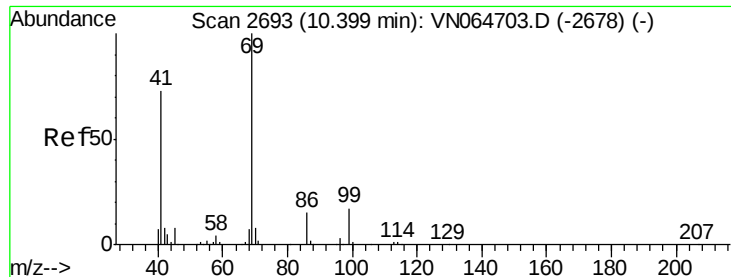
Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tgt Ion:	97	Resp:	3322
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.6	104.4
85	57.2	46.6	70.0
99	64.4	48.9	73.3





#56

Ethyl methacrylate

Concen: 0.673 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

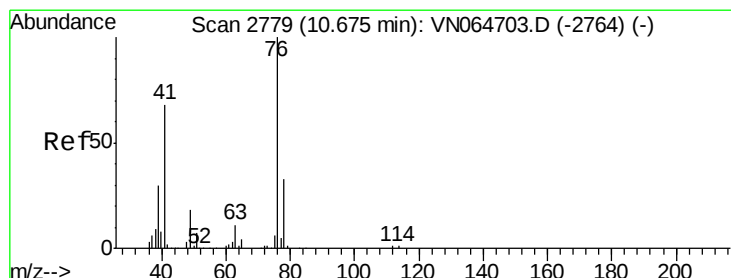
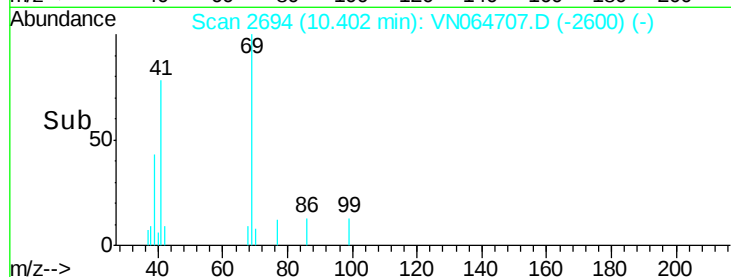
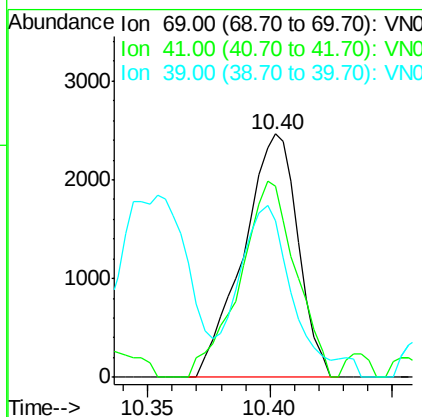
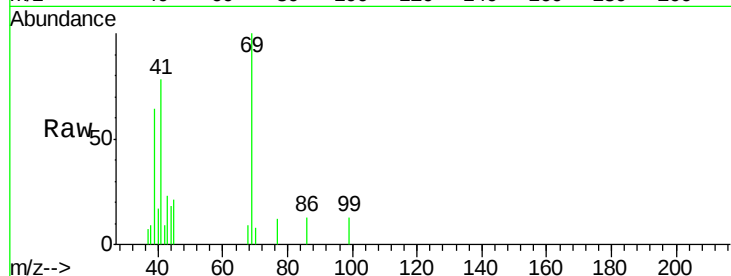
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3829
Ion	Ratio	Lower	Upper
69	100		
41	82.2	59.0	88.4
39	55.5	38.4	57.6

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.860 ug/l

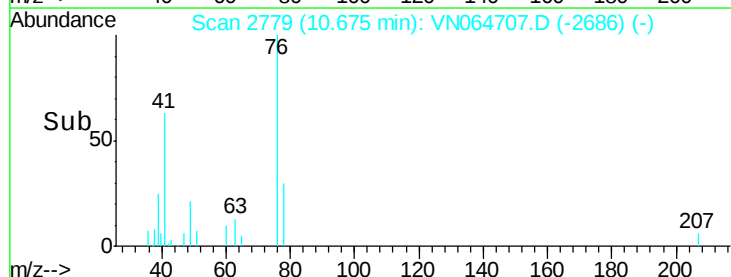
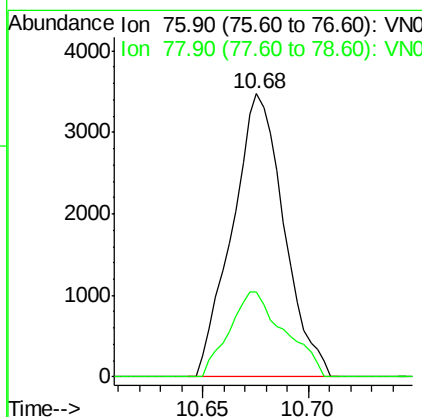
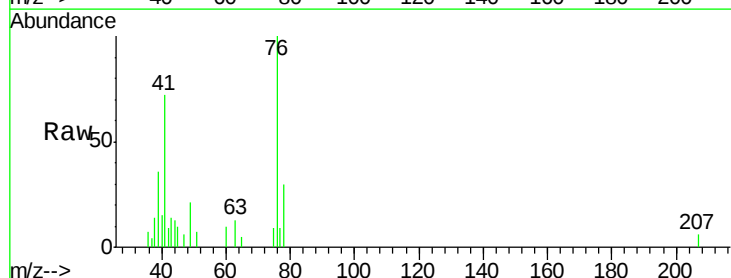
RT: 10.68 min Scan# 2779

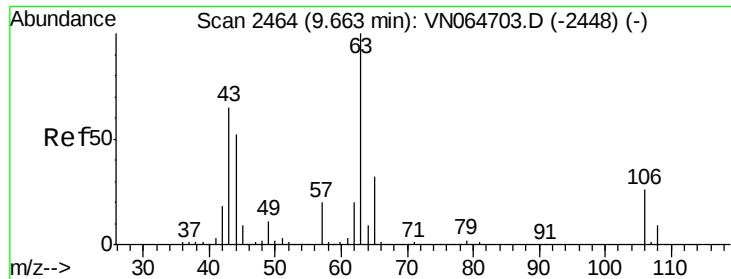
Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tgt Ion:	76	Resp:	5911
Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.4	39.6





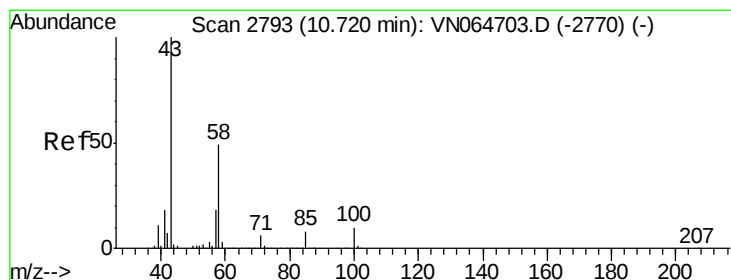
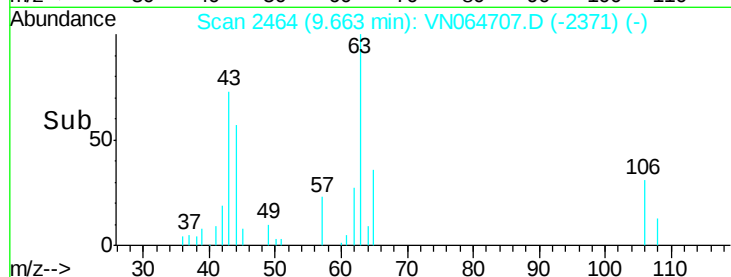
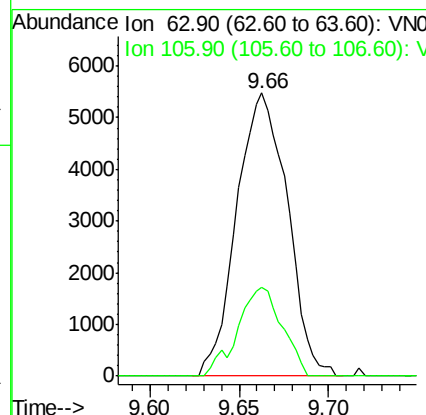
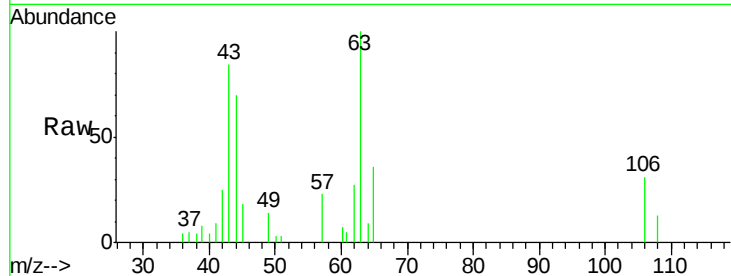
#58
2-Chloroethyl Vinyl ether
Concen: 3.782 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 10853
Ion Ratio Lower Upper
63 100
106 27.6 20.9 31.3

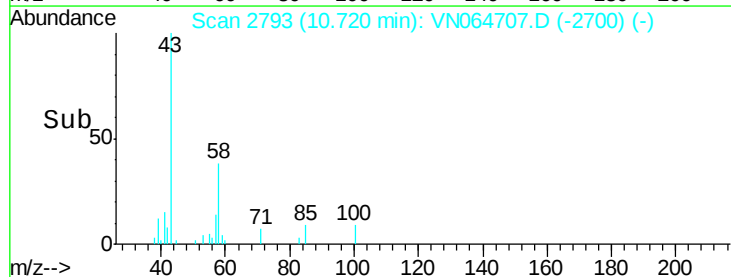
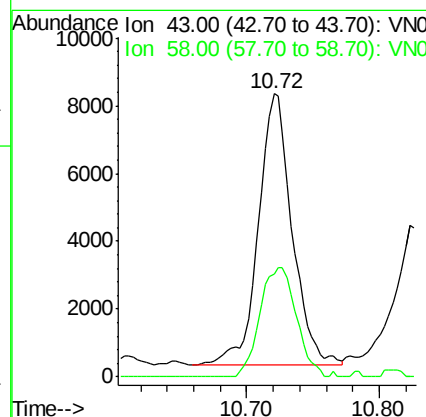
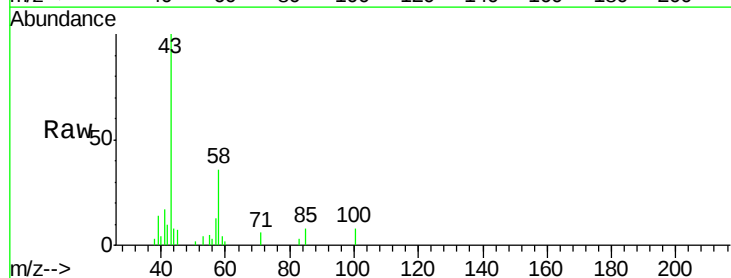
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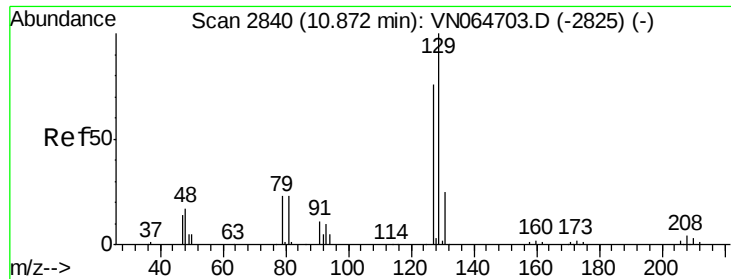
MMDadoda
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#59
2-Hexanone
Concen: 3.733 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 43 Resp: 14208
Ion Ratio Lower Upper
43 100
58 43.2 24.4 73.4





#60

Dibromochloromethane

Concen: 0.827 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3653

Ion Ratio Lower Upper

129 100

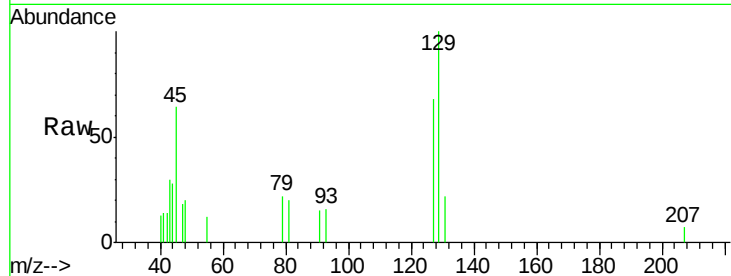
127 83.3 38.8 116.4

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.87

2500

2000

1500

1000

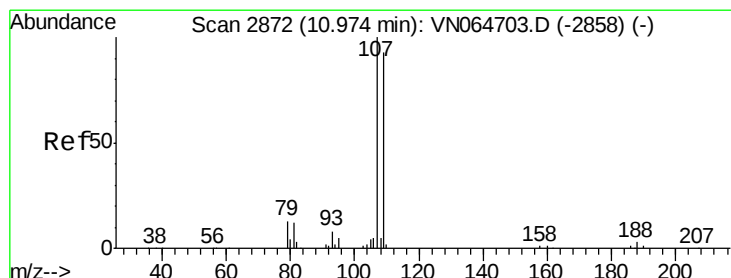
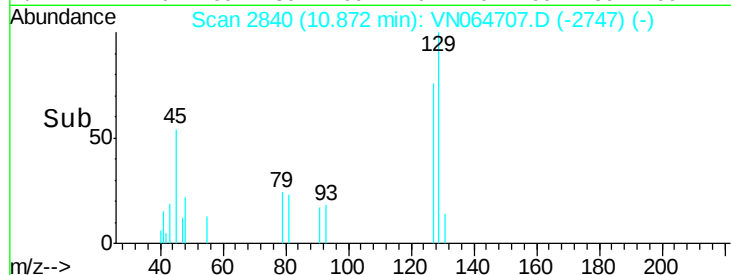
500

0

10.85

10.90

Time-->



#61

1,2-Dibromoethane

Concen: 0.948 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064707.D

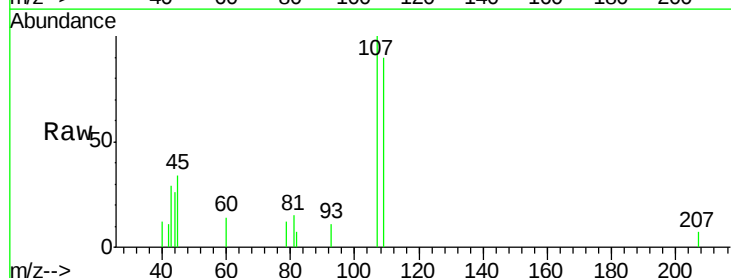
Acq: 18 Nov 2020 14:40

Tgt Ion:107 Resp: 3801

Ion Ratio Lower Upper

107 100

109 87.5 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.97

2500

2000

1500

1000

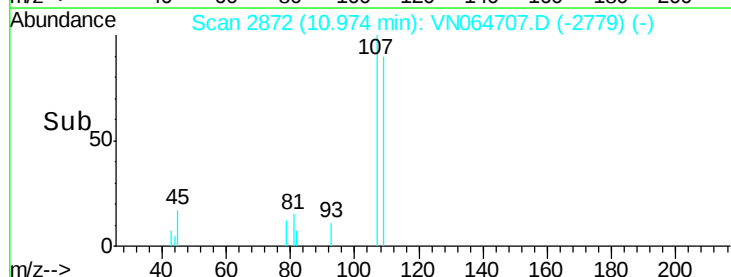
500

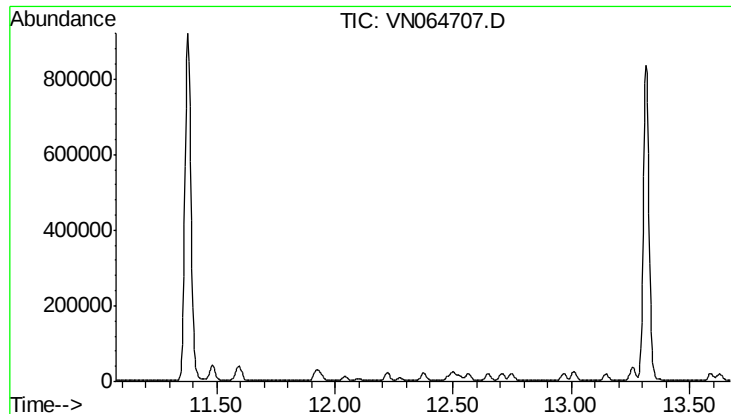
0

10.95

11.00

Time-->





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.37 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tot Ion: 95

Sig Exp Ratio

95 100

174 68.4

176 67.1

Instrument :

MSVOA_N

ClientSampleId :

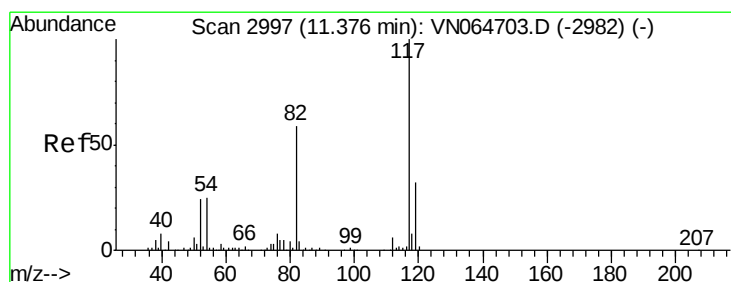
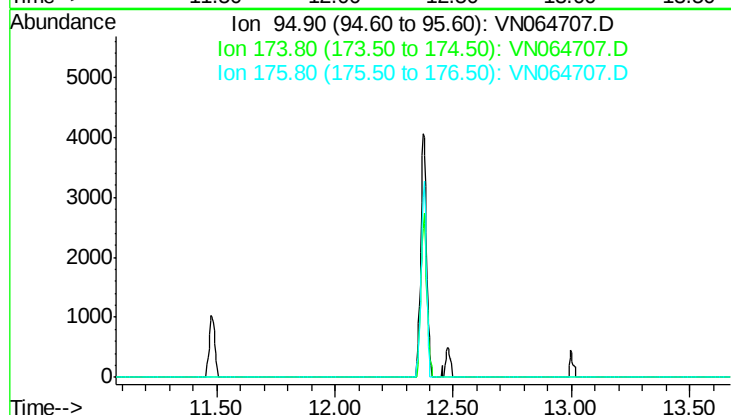
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

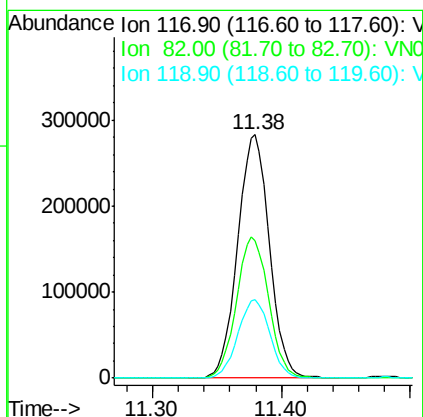
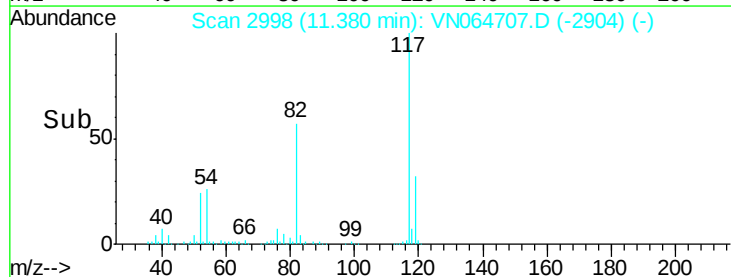
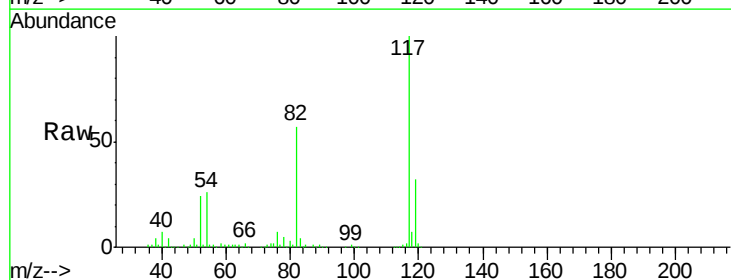
Tgt Ion:117 Resp: 484979

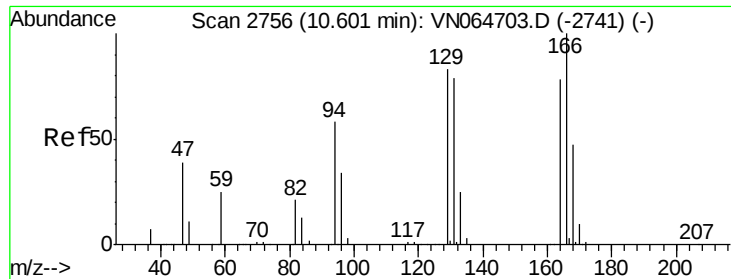
Ion Ratio Lower Upper

117 100

82 56.7 47.0 70.6

119 32.2 25.4 38.2





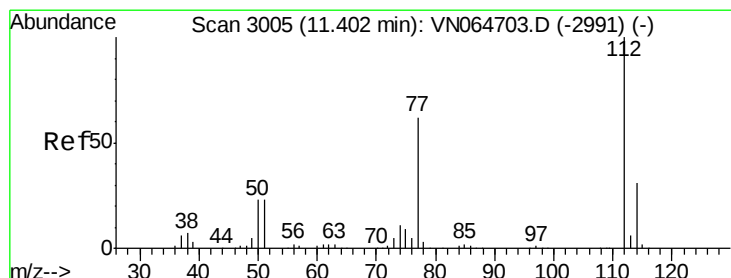
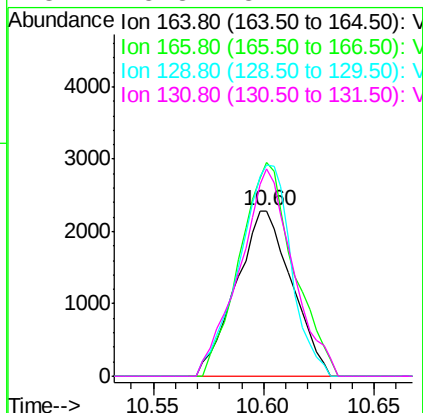
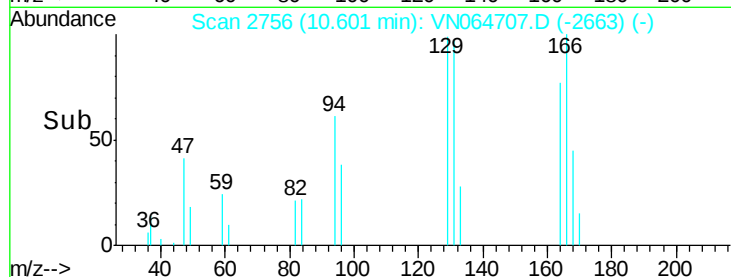
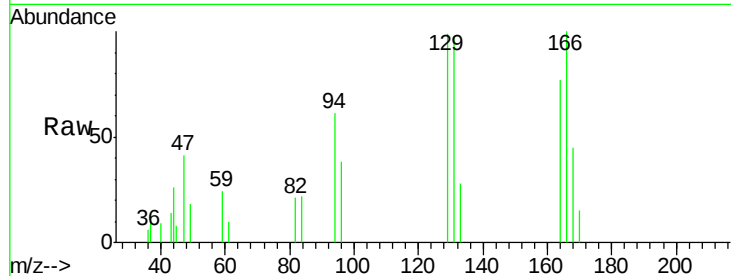
#64
Tetrachloroethene
Concen: 1.058 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.1	102.2	153.4
129	127.7	84.7	127.1#
131	125.3	81.1	121.7#

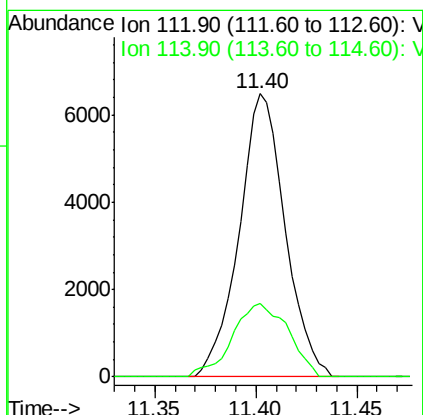
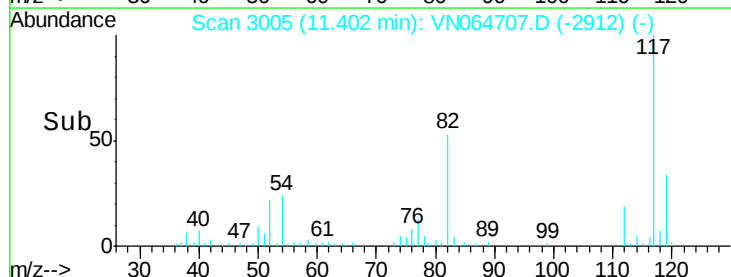
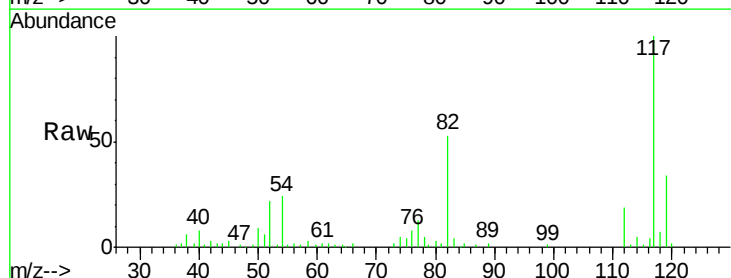
Manual Integrations
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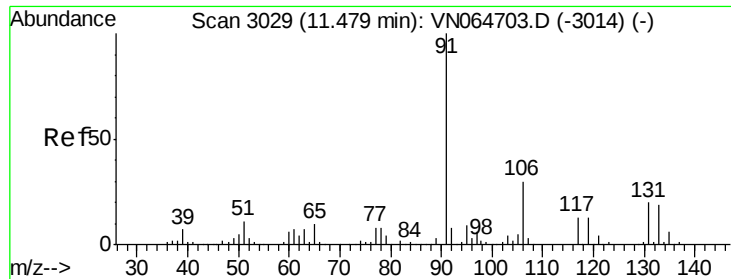
MMDadoda
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#65
Chlorobenzene
Concen: 0.986 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
114	26.0	24.7	37.1





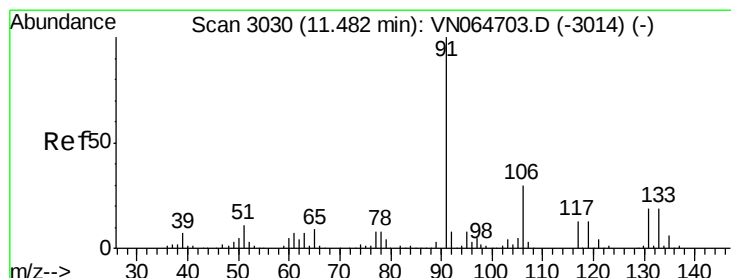
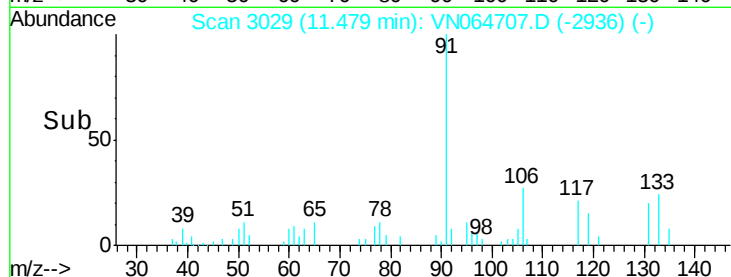
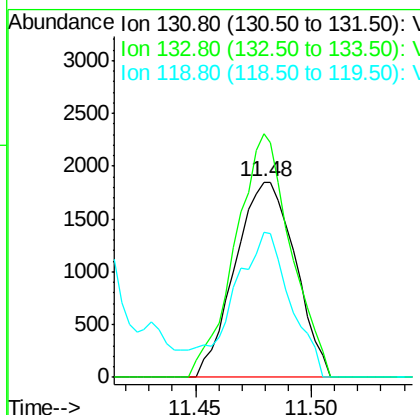
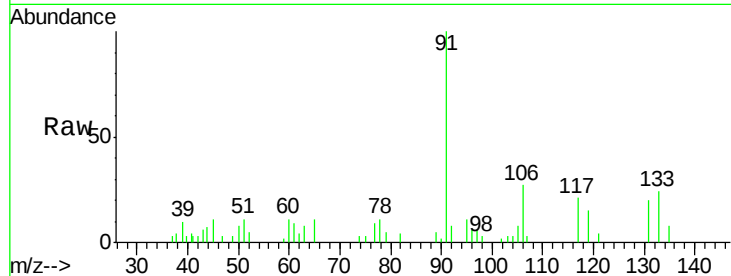
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.854 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:131 Resp: 3334
 Ion Ratio Lower Upper
 131 100
 133 115.1 48.8 146.4
 119 0.0 33.5 100.4#

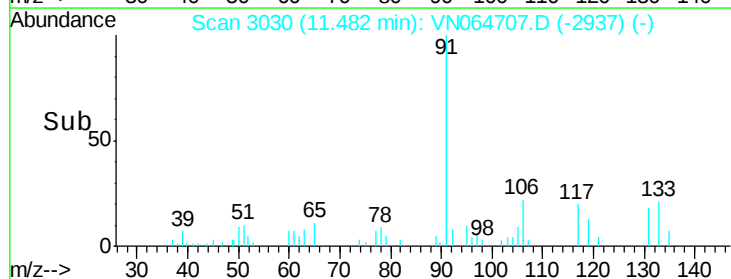
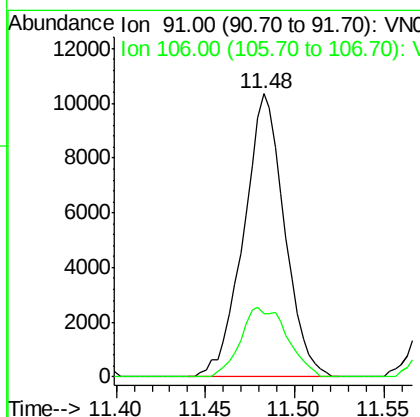
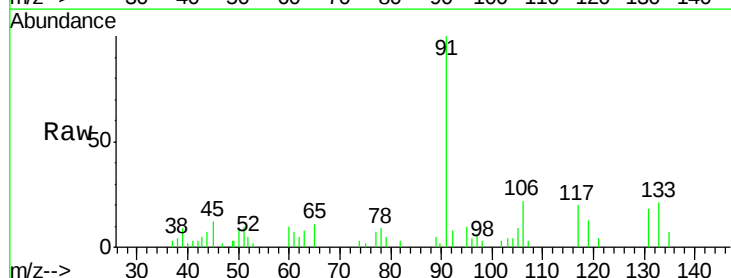
Manual Integrations
 APPROVED

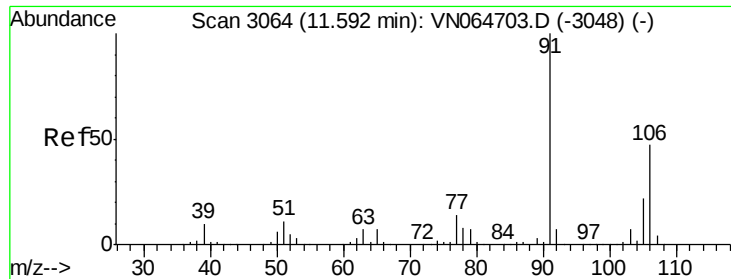
MMDadoda
 11/19/2020 2:10:27 PM



#67
 Ethyl Benzene
 Concen: 0.892 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion: 91 Resp: 16543
 Ion Ratio Lower Upper
 91 100
 106 22.4 23.9 35.9#





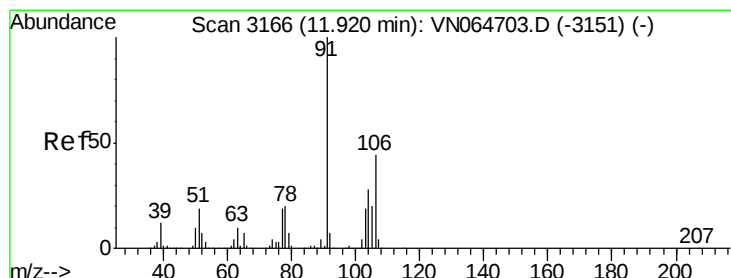
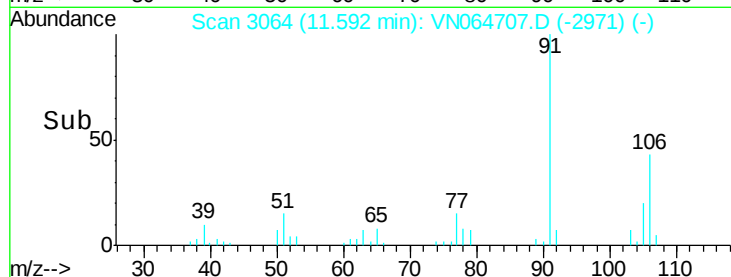
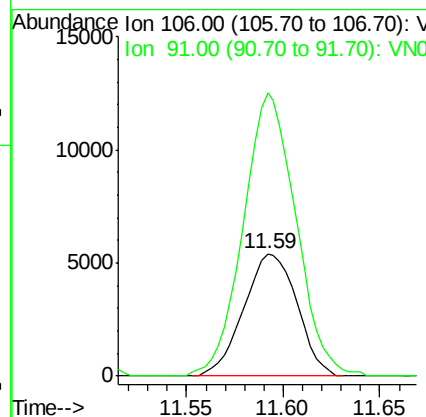
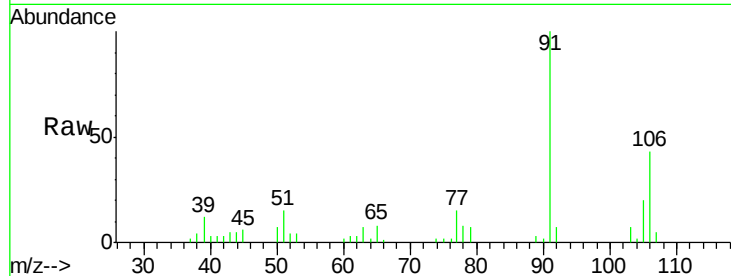
#68
m/p-Xylenes
Concen: 1.537 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 10372
Ion Ratio Lower Upper
106 100
91 228.7 171.9 257.9

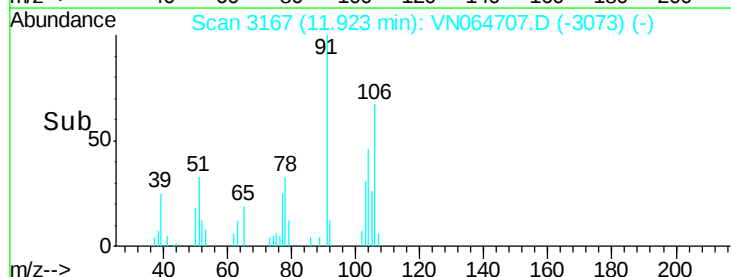
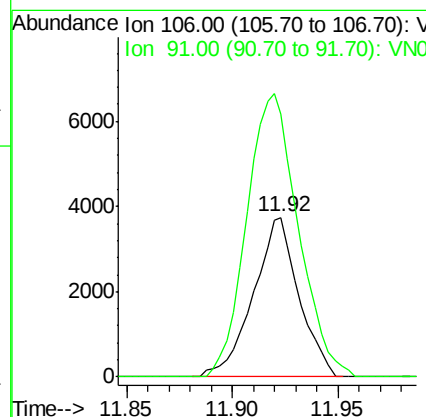
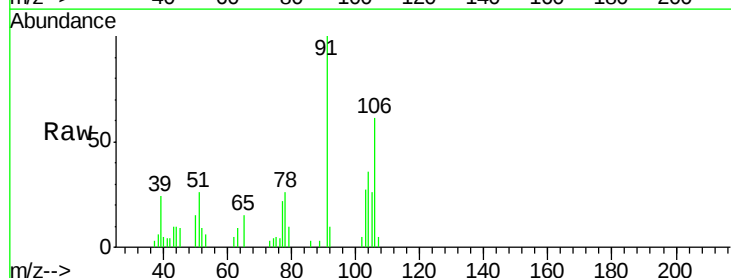
Manual Integrations
APPROVED

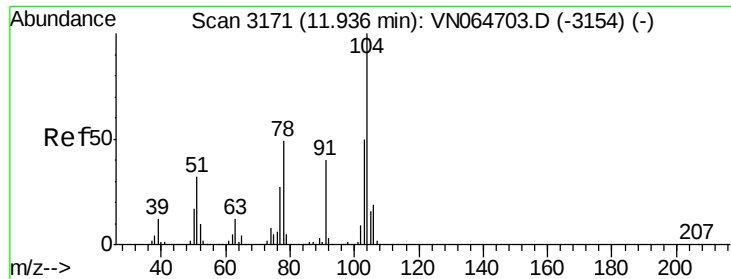
MMDadoda
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#69
o-Xylene
Concen: 0.862 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion:106 Resp: 5610
Ion Ratio Lower Upper
106 100
91 200.8 112.1 336.3





#70

Stvrene

Concen: 0.790 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

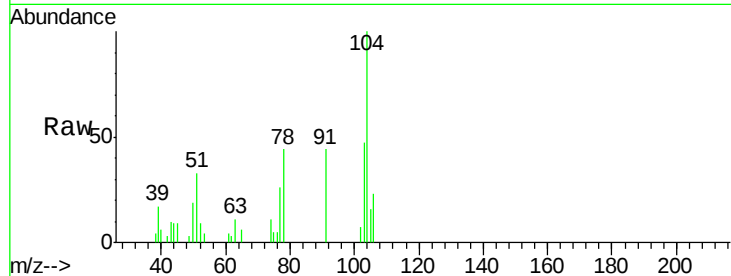
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	8676
Ion	Ratio	Lower	Upper
104	100		
78	55.4	44.1	66.1
103	58.2	43.7	65.5

Manual Integrations
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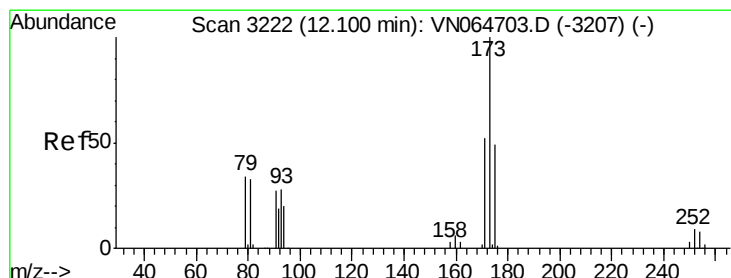
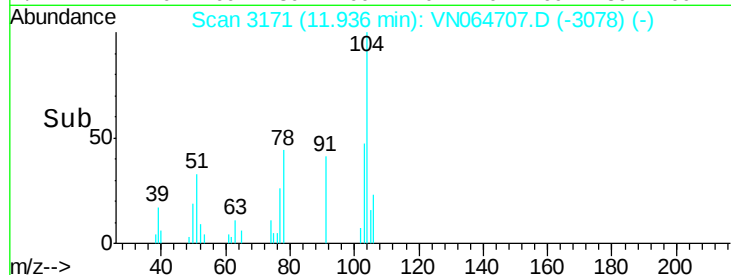
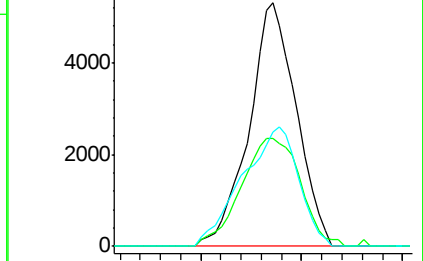
MMDadoda
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.833 ug/l

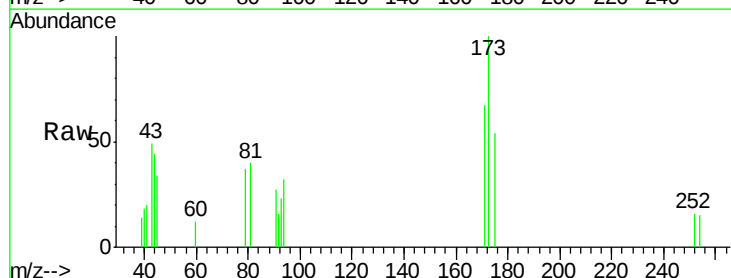
RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

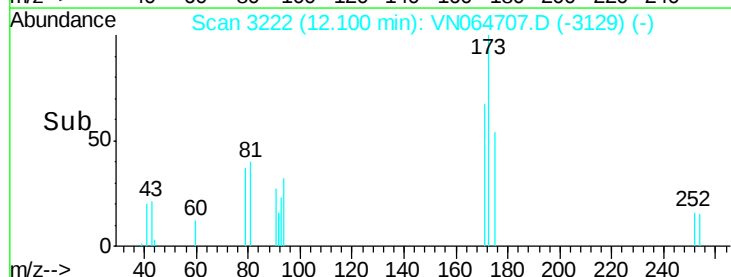
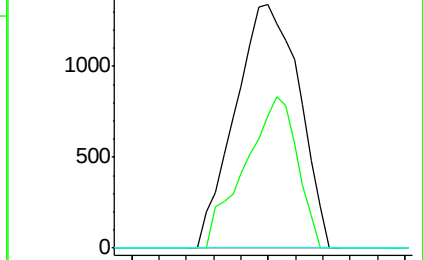
Tgt Ion:	173	Resp:	2190
Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.3	72.9
254	0.0	0.1	0.1#

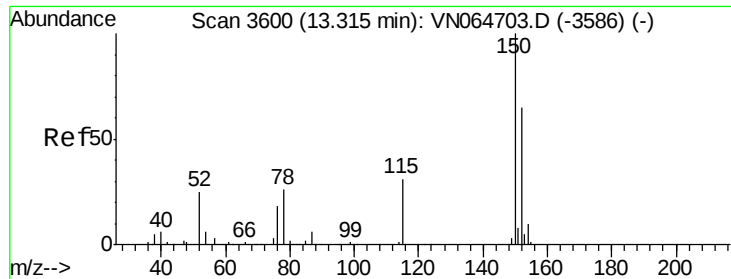


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 199448

Ion Ratio Lower Upper

152 100

115 65.4 32.1 96.3

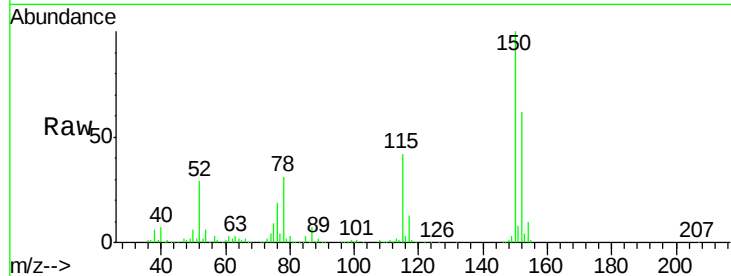
150 155.2 0.0 344.8

Manual Integrations

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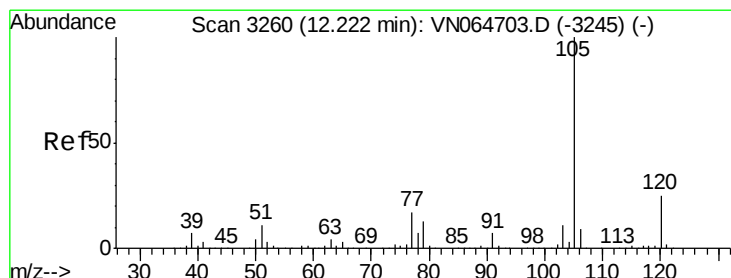
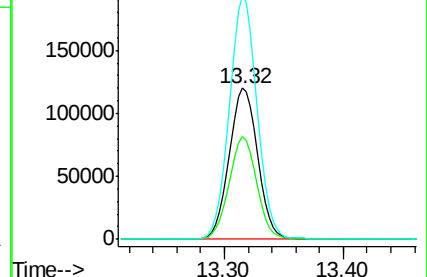
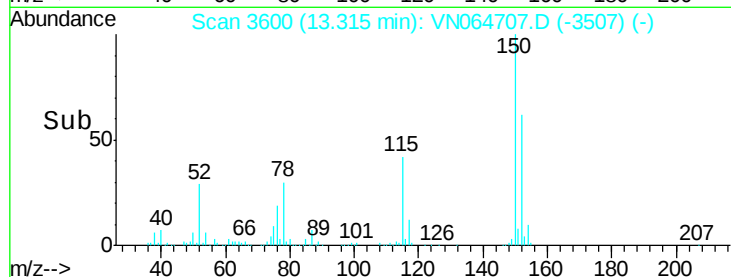
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.858 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064707.D

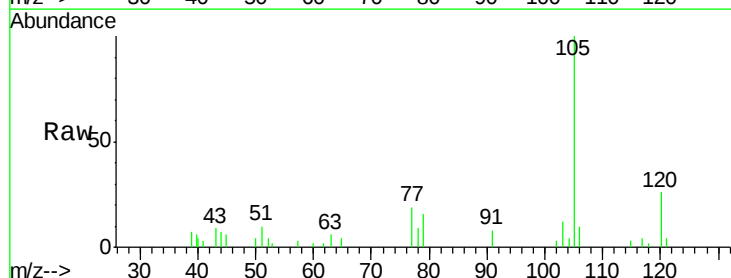
Acq: 18 Nov 2020 14:40

Tgt Ion:105 Resp: 13244

Ion Ratio Lower Upper

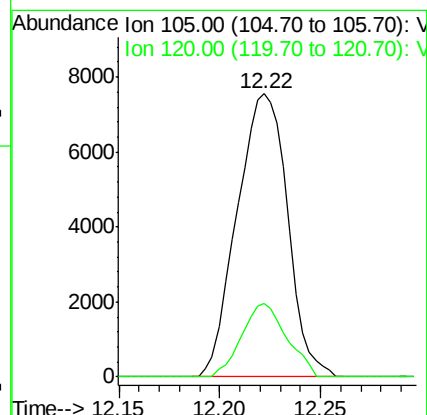
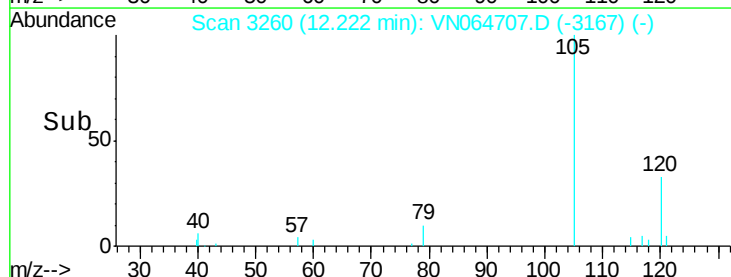
105 100

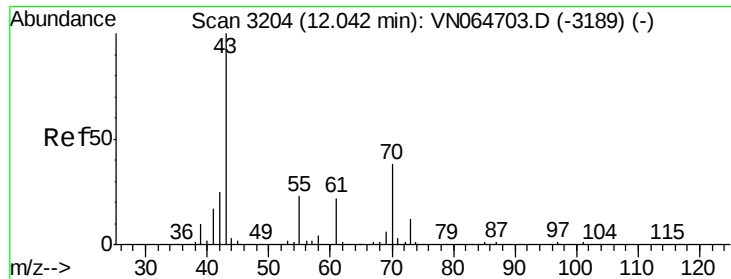
120 23.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.873 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

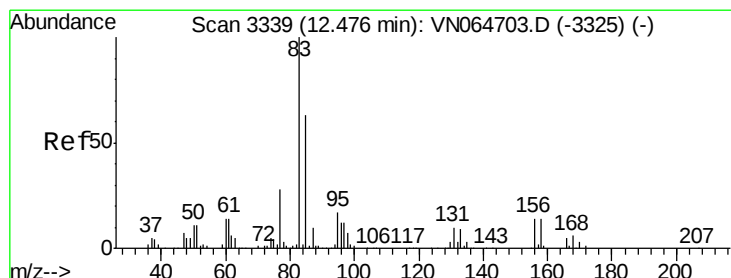
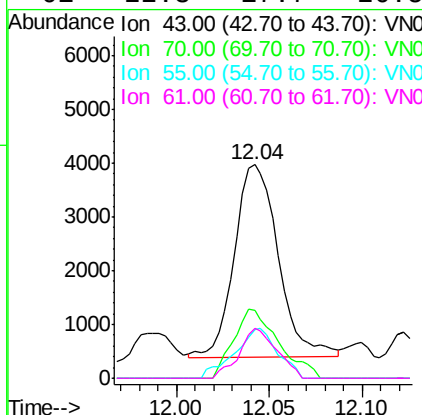
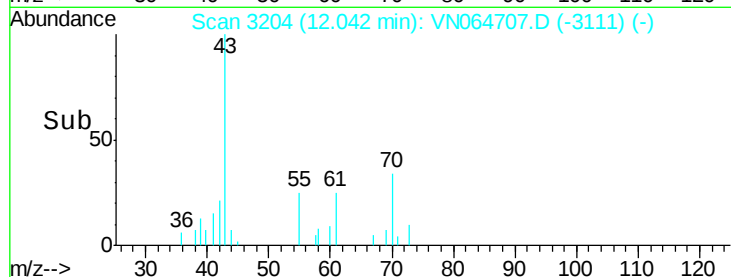
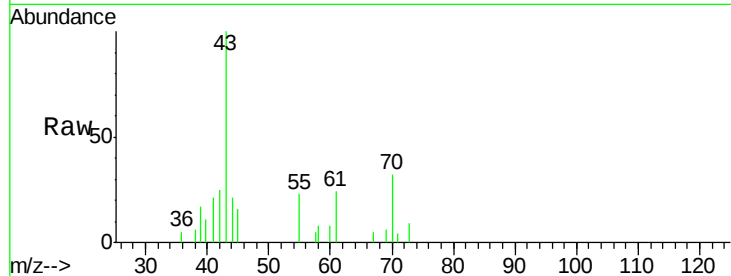
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	5884
Ion	Ratio	Lower	Upper
43	100		
70	37.0	30.3	45.5
55	25.3	18.9	28.3
61	22.3	17.7	26.5

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.906 ug/l

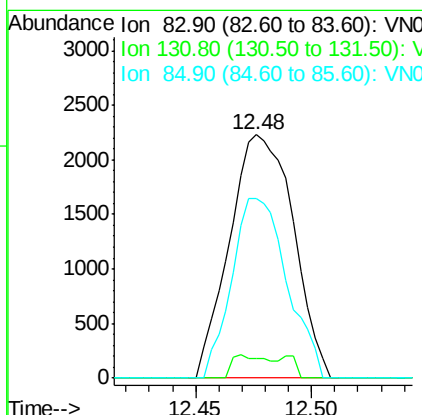
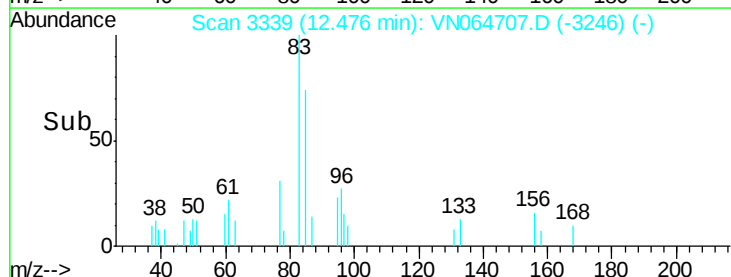
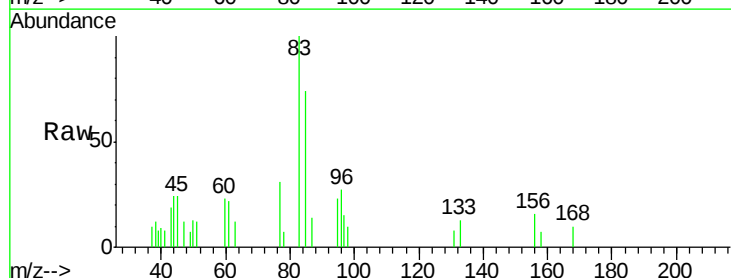
RT: 12.48 min Scan# 3339

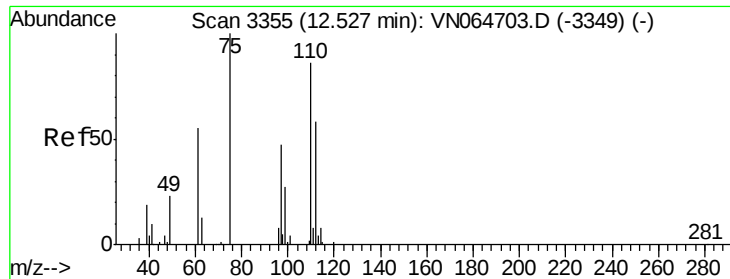
Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tgt Ion:	83	Resp:	4258
Ion	Ratio	Lower	Upper
83	100		
131	5.0	5.0	15.0
85	63.9	31.8	95.4





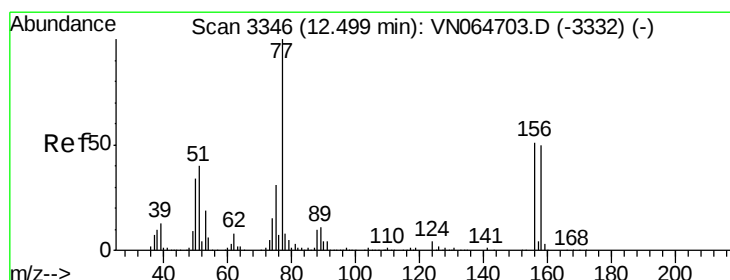
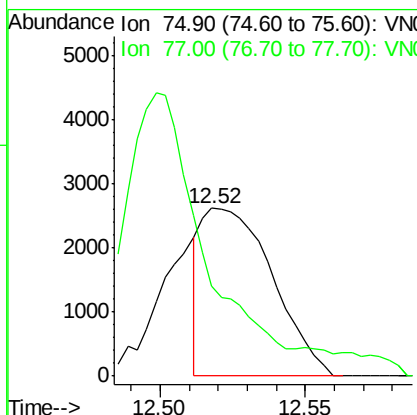
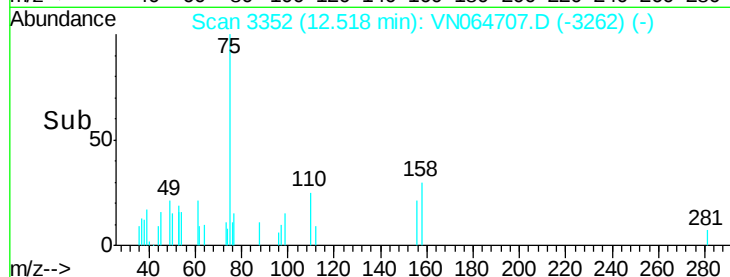
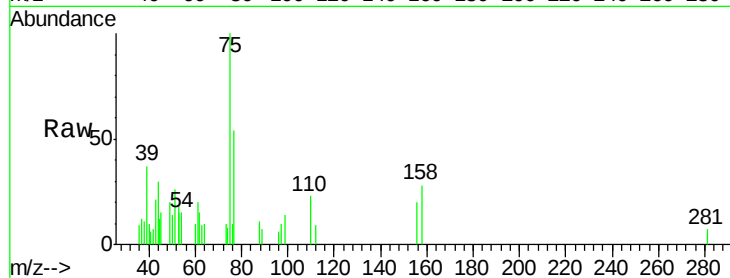
#76
1,2,3-Trichloropropane
Concen: 0.948 ug/l m
RT: 12.52 min Scan# 3352
Delta R.T. -0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 4465
Ion Ratio Lower Upper
75 100
77 197.4 0.0 0.0#

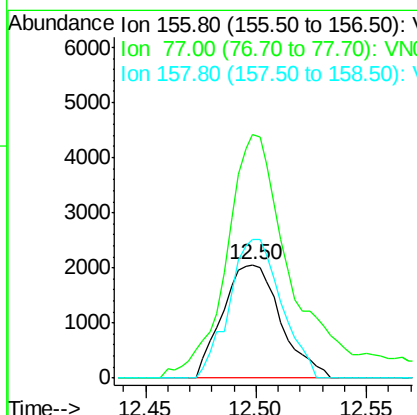
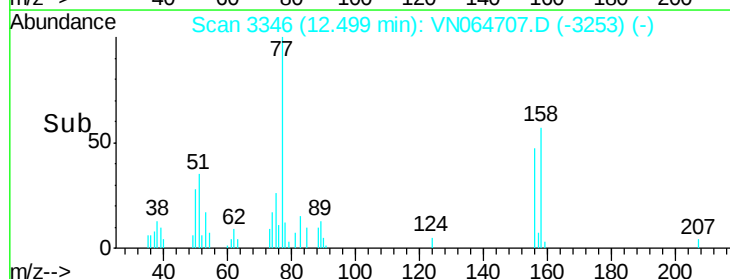
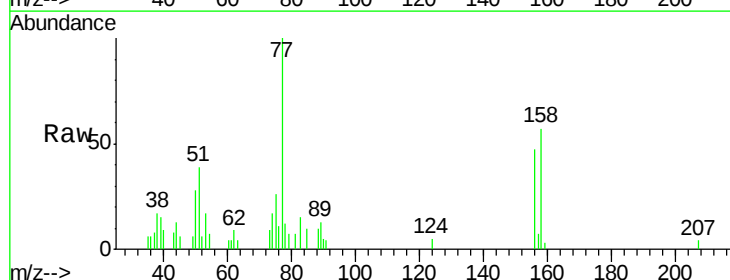
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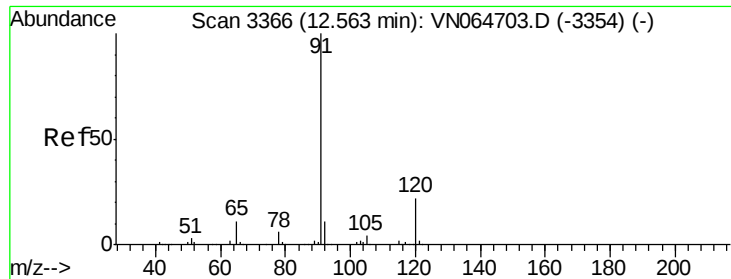
MMDadoda
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#77
Bromobenzene
Concen: 0.990 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 156 Resp: 3759
Ion Ratio Lower Upper
156 100
77 234.4 117.3 351.9
158 109.9 49.0 147.2





#78

n-propylbenzene

Concen: 0.820 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 14460

Ion Ratio Lower Upper

91 100

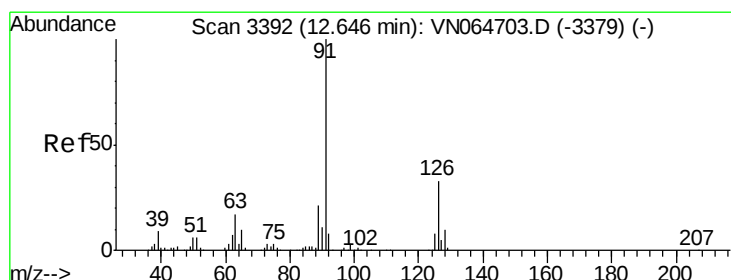
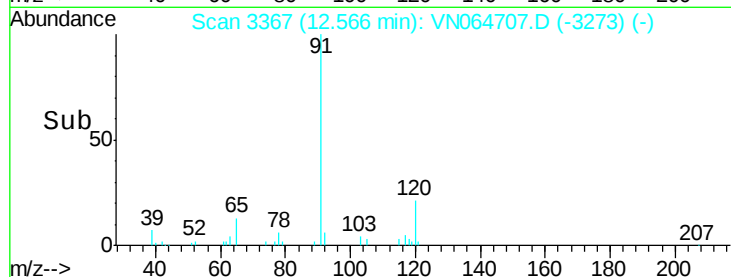
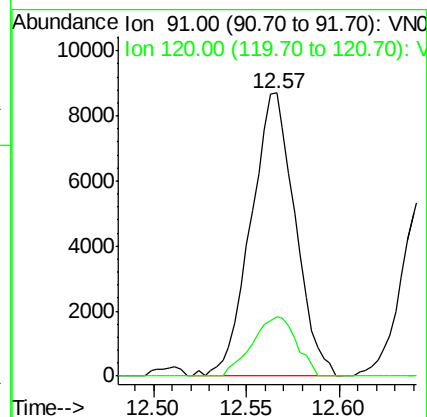
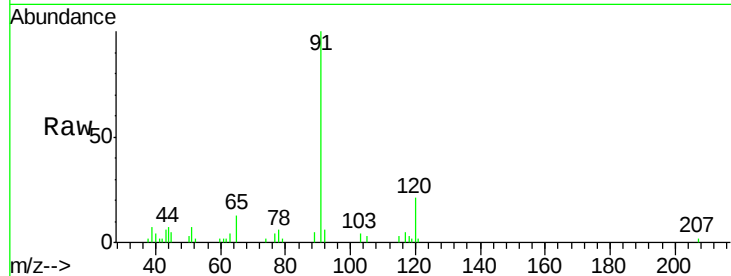
120 20.9 10.9 32.9

Manual Integrations

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#79

2-Chlorotoluene

Concen: 0.956 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064707.D

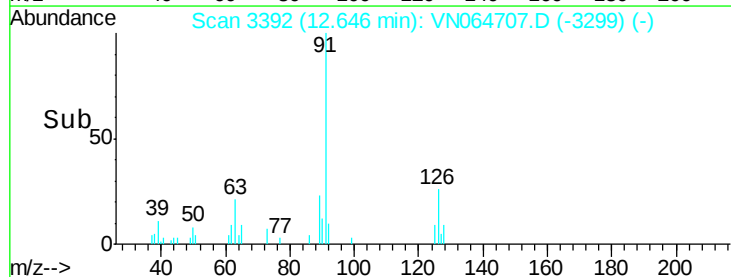
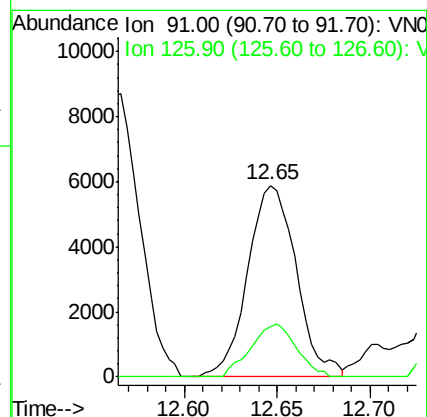
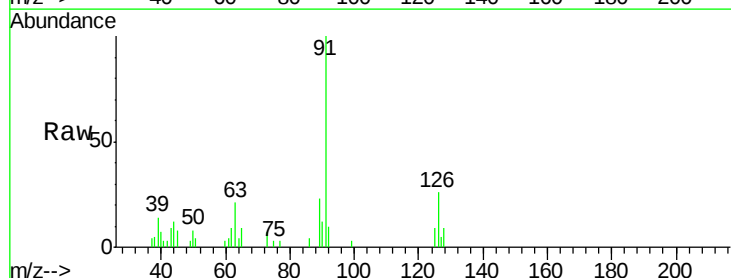
Acq: 18 Nov 2020 14:40

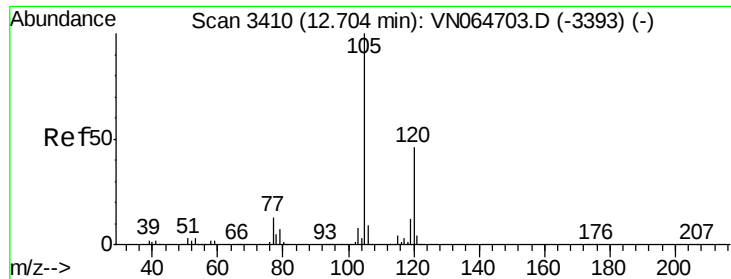
Tgt Ion: 91 Resp: 10745

Ion Ratio Lower Upper

91 100

126 25.9 16.0 48.0





#80

1,3,5-Trimethylbenzene

Concen: 0.773 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 9889

Ion Ratio Lower Upper

105 100

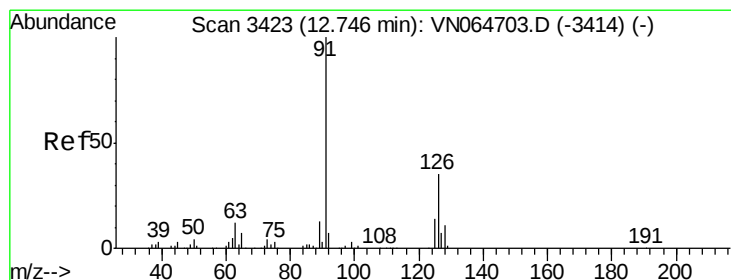
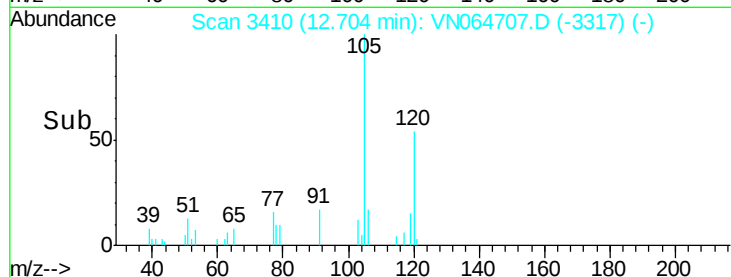
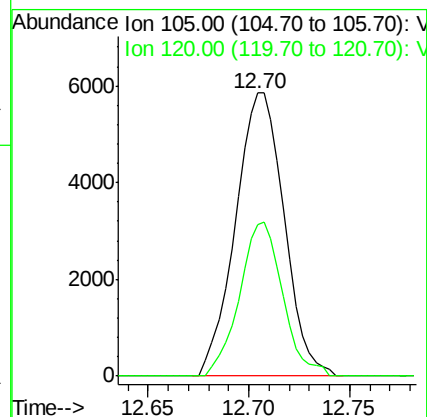
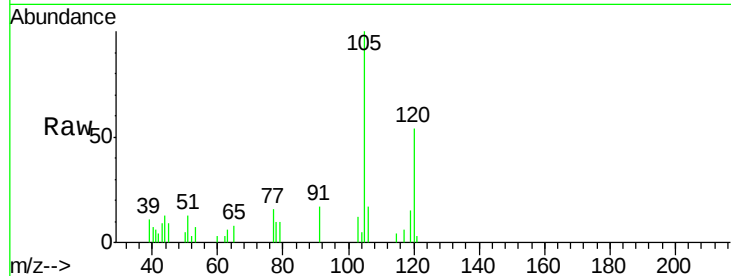
120 48.1 22.9 68.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 0.950 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064707.D

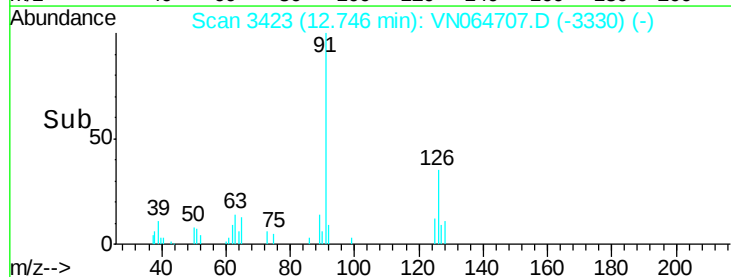
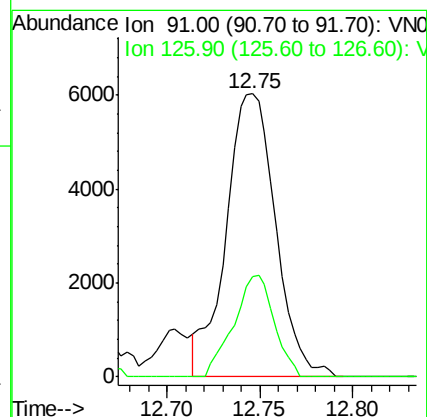
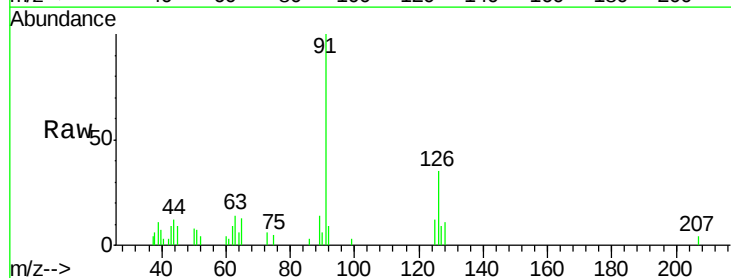
Acq: 18 Nov 2020 14:40

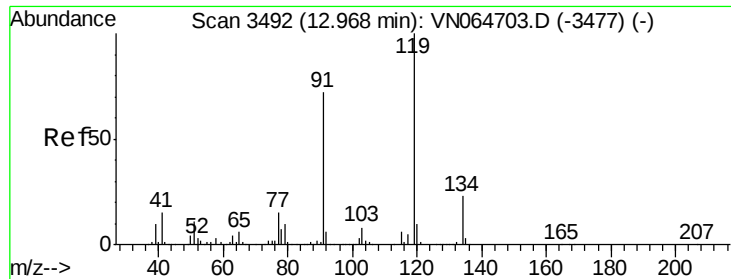
Tgt Ion: 91 Resp: 11173

Ion Ratio Lower Upper

91 100

126 29.2 15.9 47.7





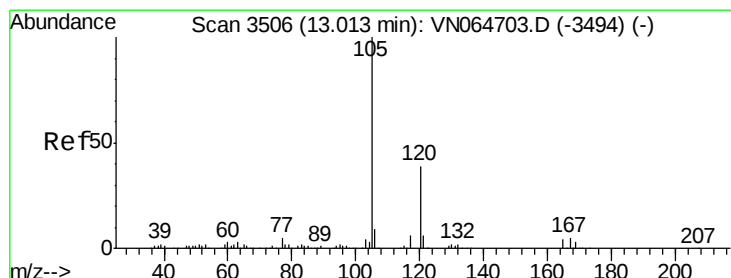
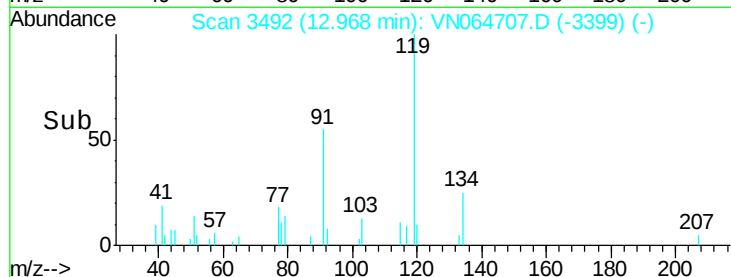
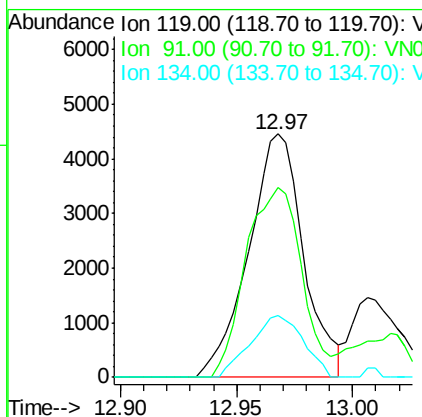
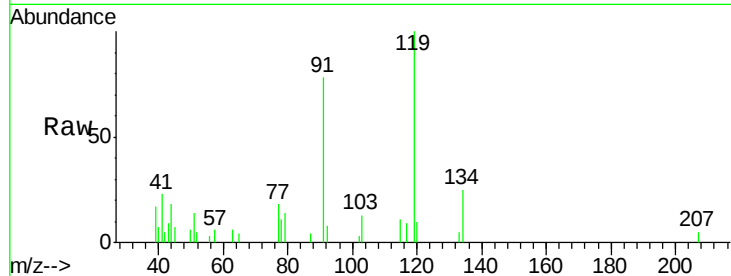
#83
tert-Butylbenzene
Concen: 0.734 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	78.8	35.8	107.4
134	24.3	12.0	36.1

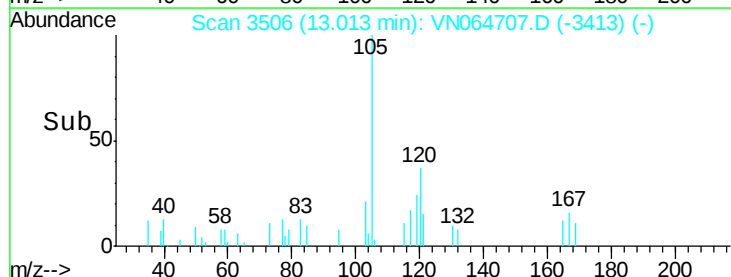
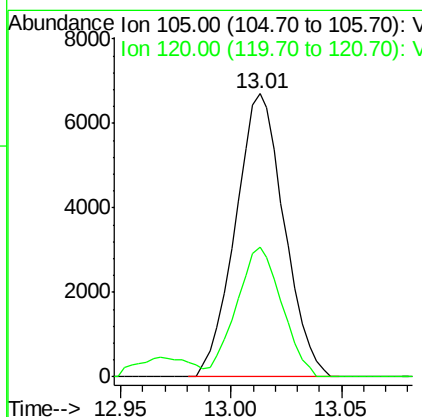
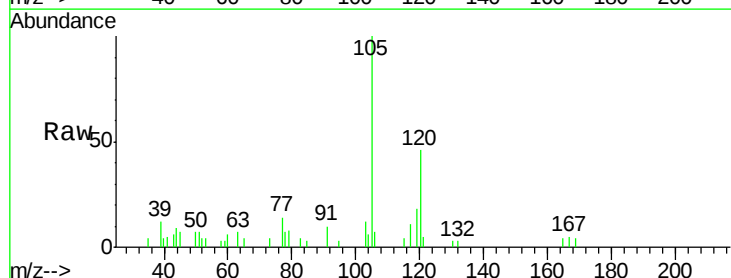
Manual Integrations
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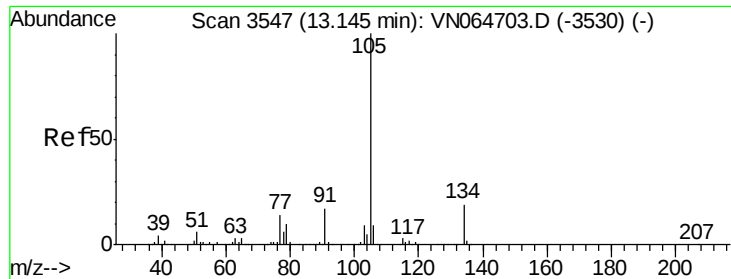
MMDadoda
11/19/2020 2:10:27 PM



#84
1,2,4-Trimethylbenzene
Concen: 0.802 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.0	66.0





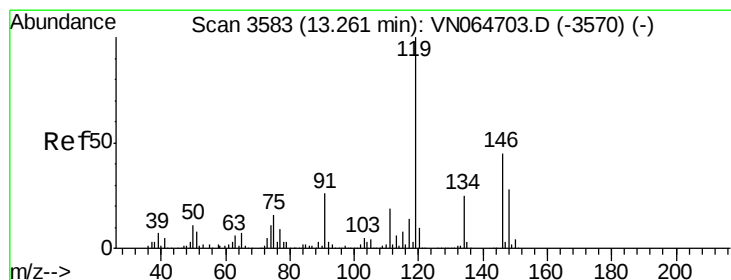
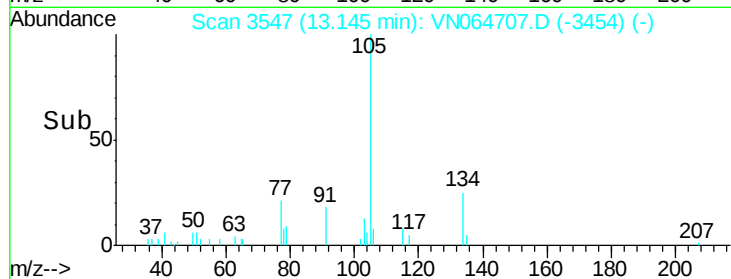
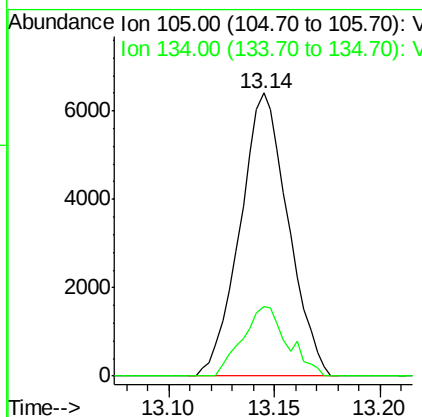
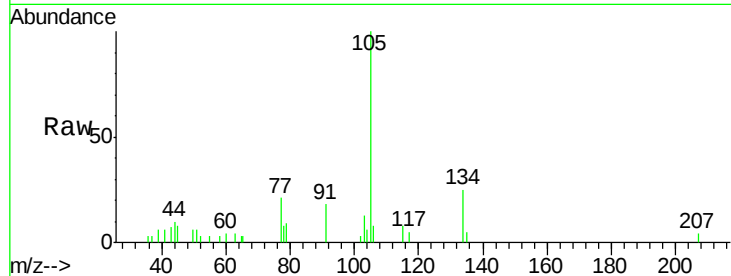
#85
 sec-Butylbenzene
 Concen: 0.800 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	23.0	9.5	28.5

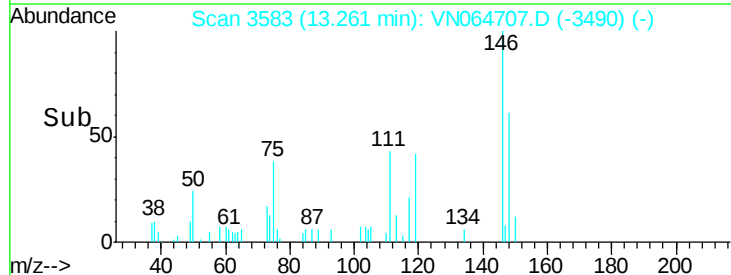
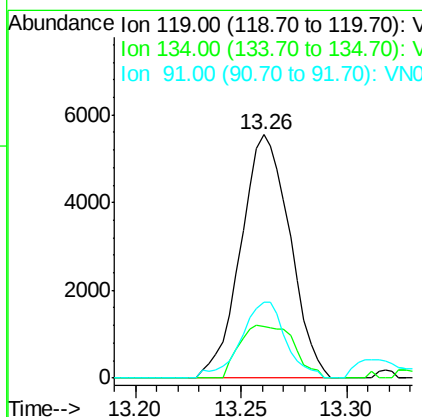
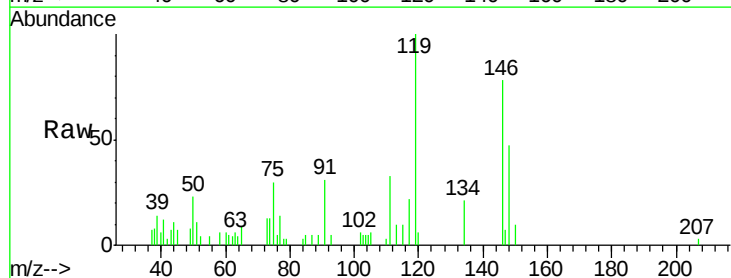
Manual Integrations
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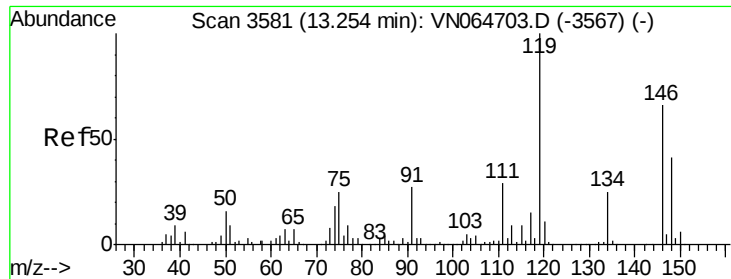
MMDadoda
 11/19/2020 2:10:27 PM



#86
 p-Isopropyltoluene
 Concen: 0.783 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.0	12.7	38.0
91	28.7	13.3	39.8





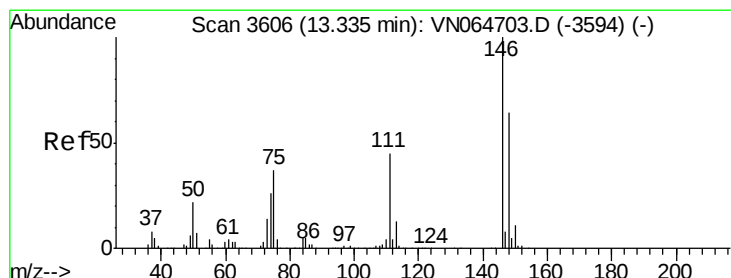
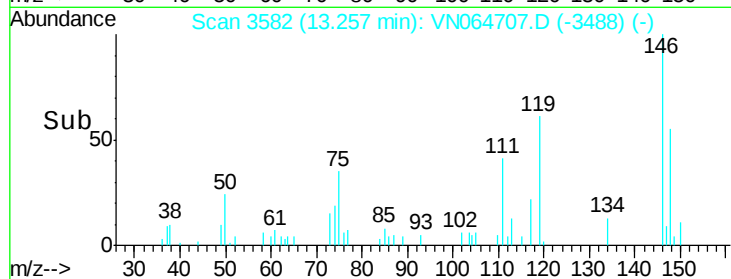
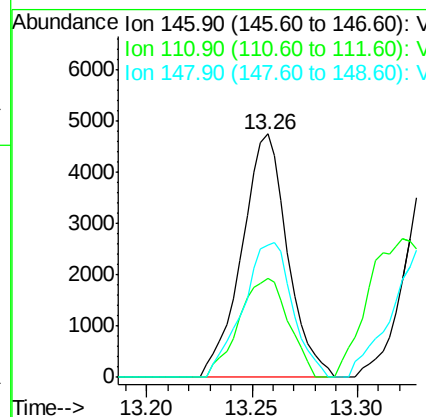
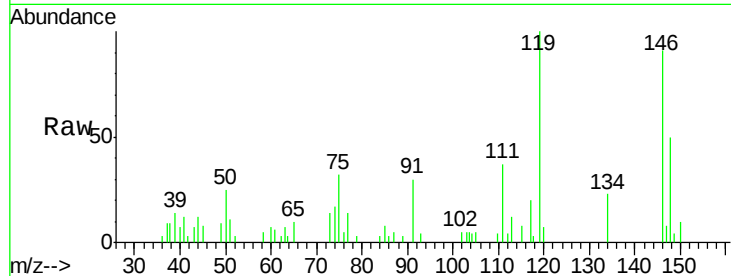
#87
 1,3-Dichlorobenzene
 Concen: 1.086 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.8	65.4
148	59.9	31.5	94.5

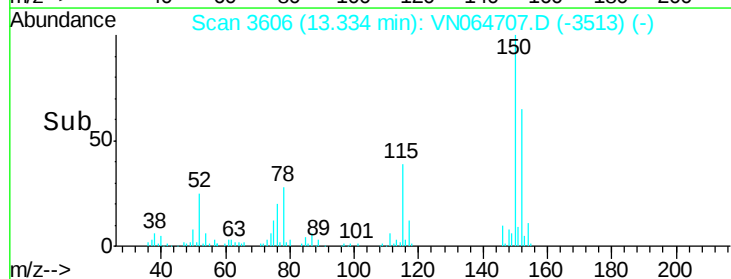
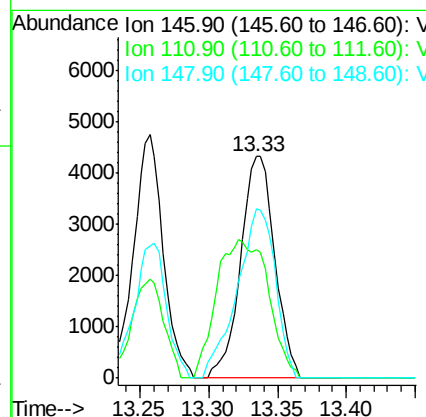
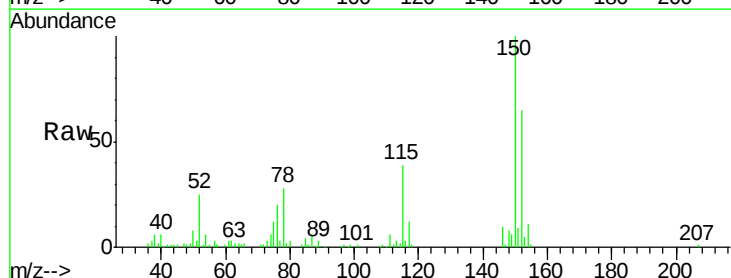
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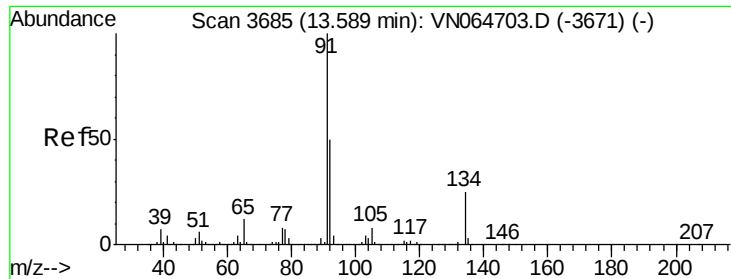
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 1.086 ug/l m
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.3	66.8
148	58.0	31.6	94.7





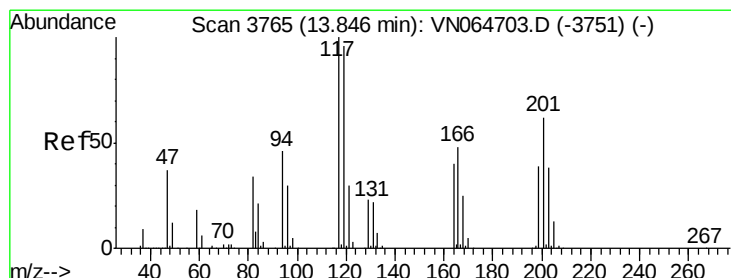
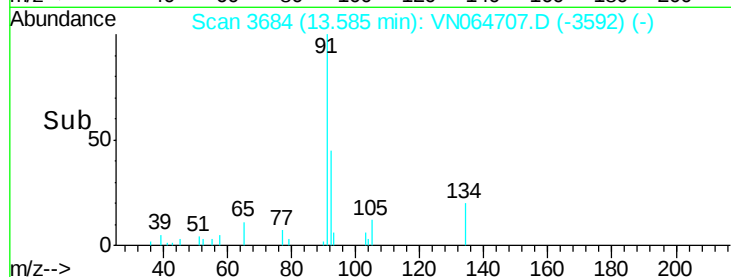
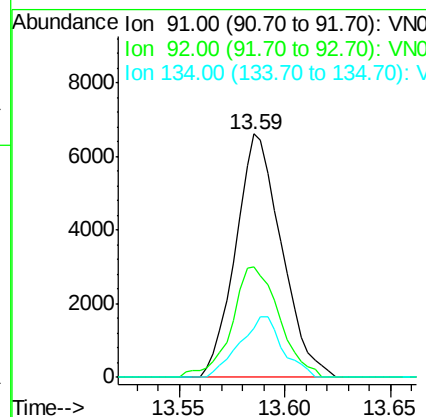
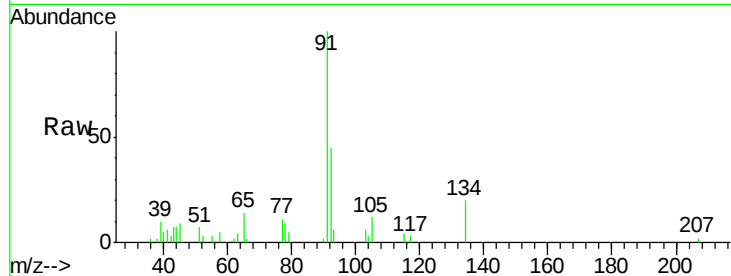
#89
n-Butylbenzene
Concen: 1.008 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	46.8	24.9	74.8
134	23.4	12.0	36.0

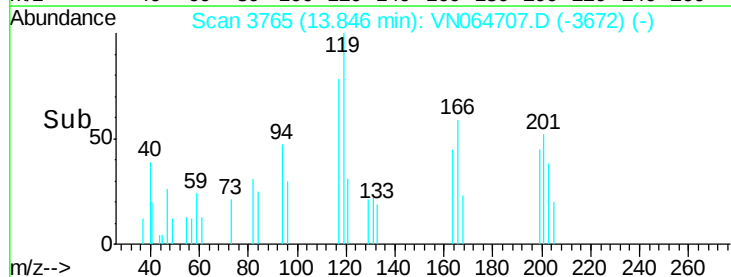
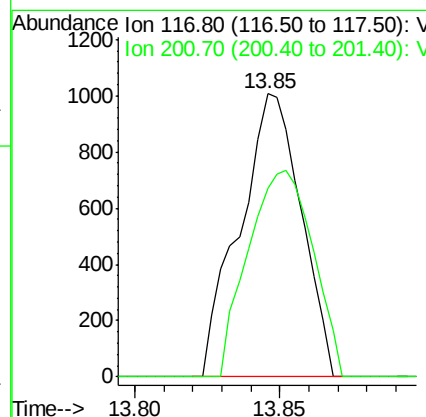
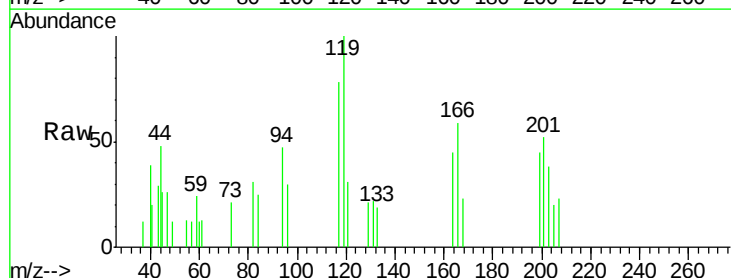
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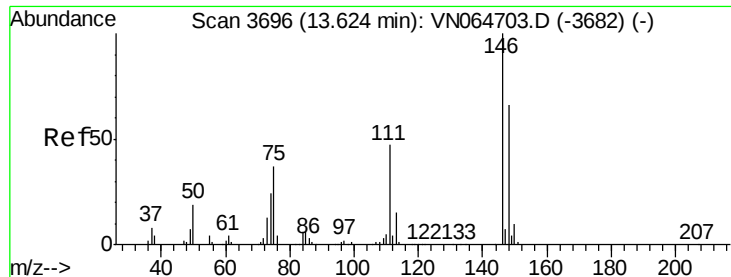
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#90
Hexachloroethane
Concen: 0.688 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.5	31.9	95.5





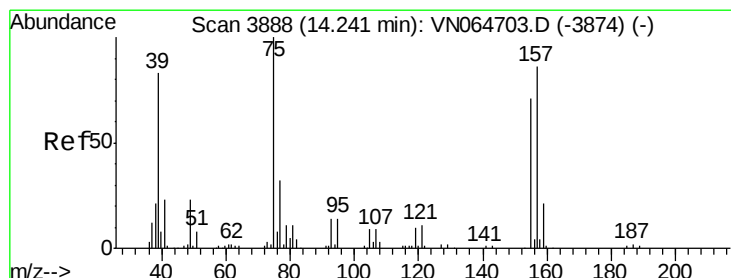
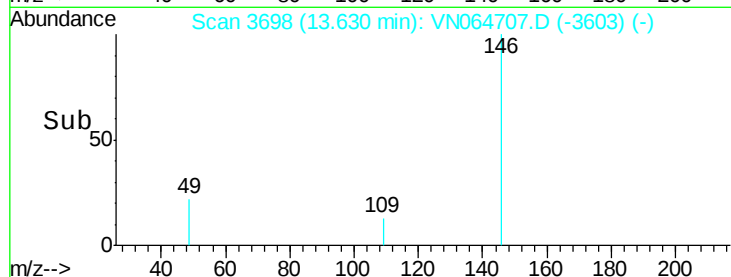
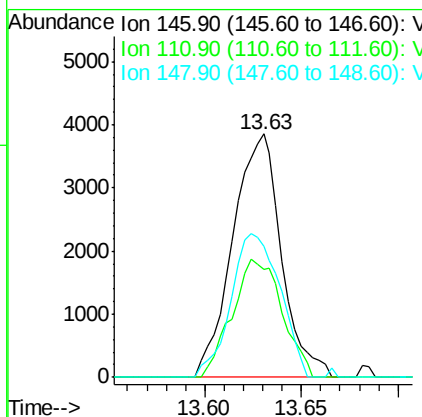
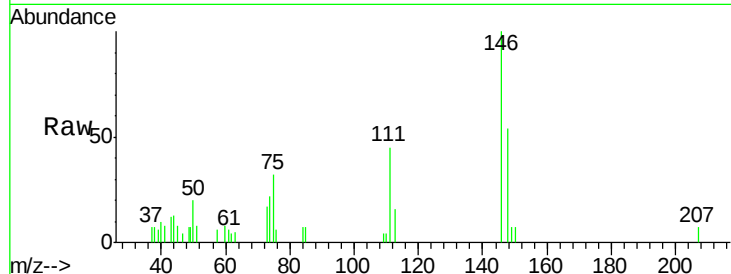
#91
 1,2-Dichlorobenzene
 Concen: 1.068 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.01 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.6	23.1	69.3
148	59.3	32.2	96.6

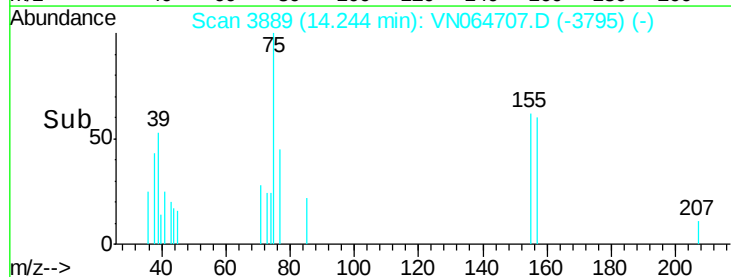
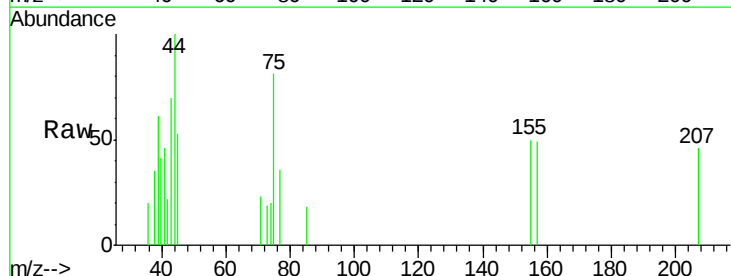
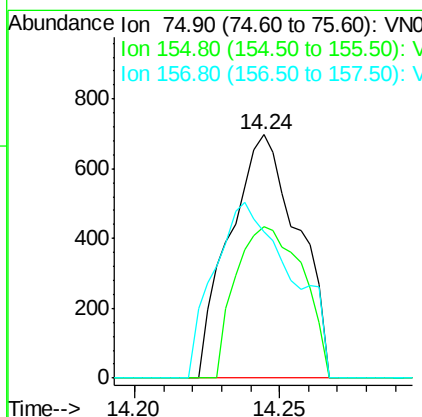
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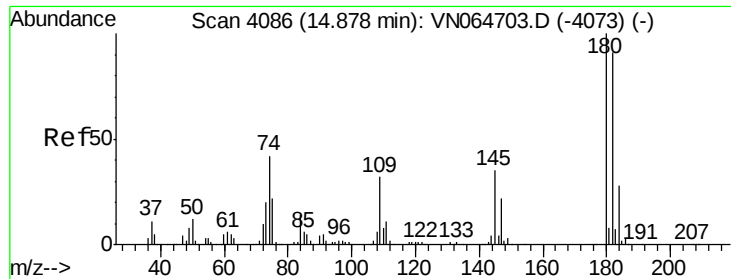
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.193 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.9	33.6	100.6
157	81.3	42.4	127.2





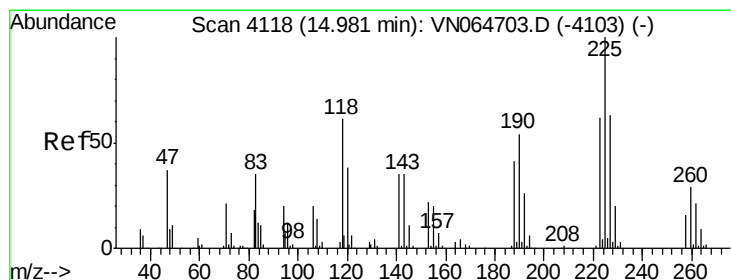
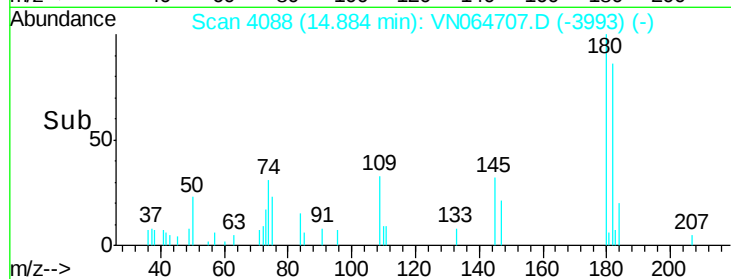
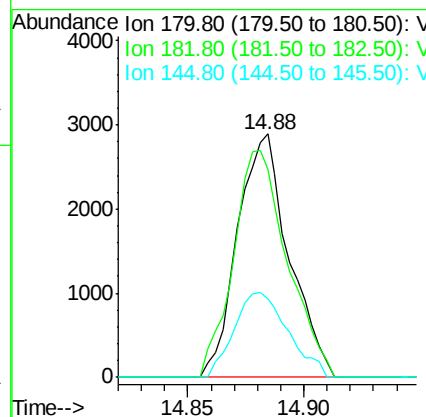
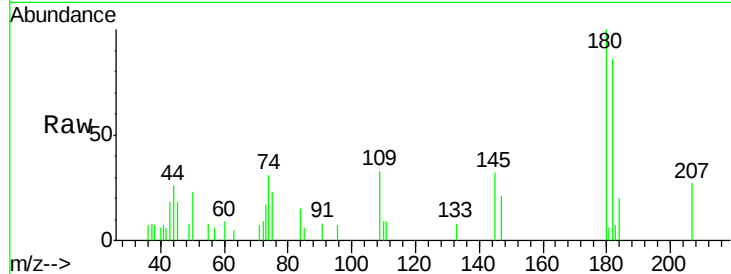
#93
 1,2,4-Trichlorobenzene
 Concen: 1.686 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.3	141.8
145	36.2	17.5	52.5

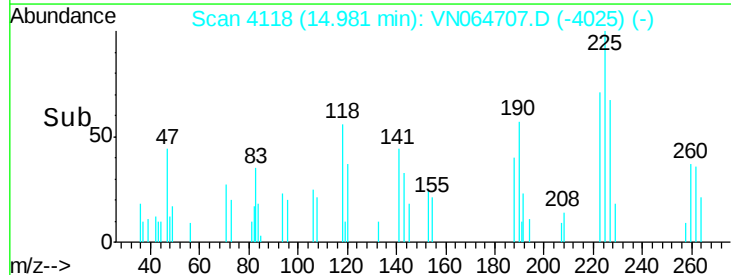
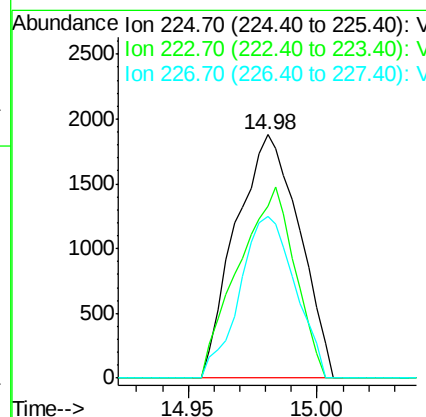
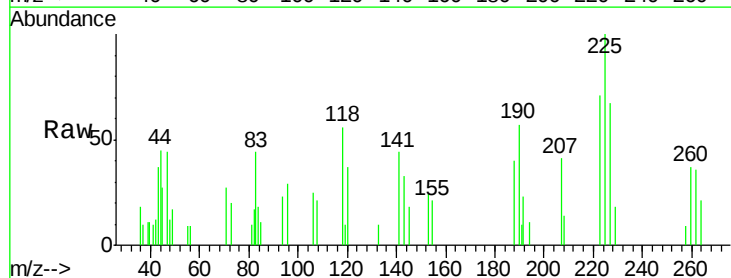
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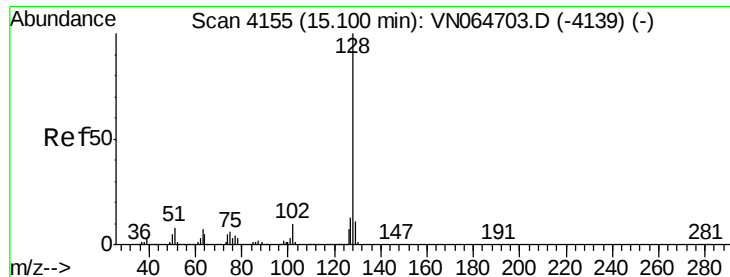
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 2.477 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.9	31.2	93.6
227	57.7	32.1	96.3





#95

Naphthalene

Concen: 1.422 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

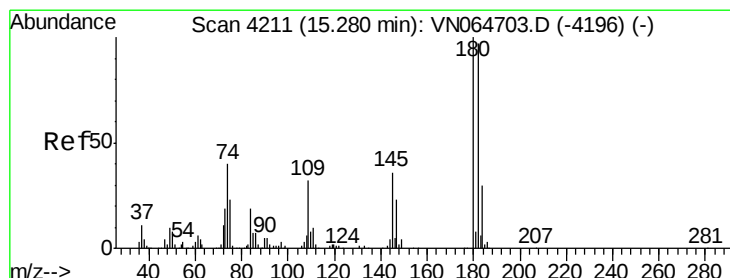
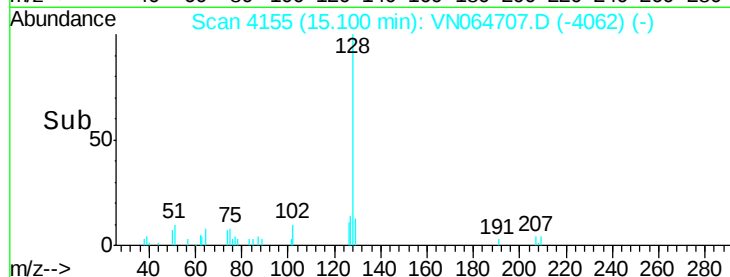
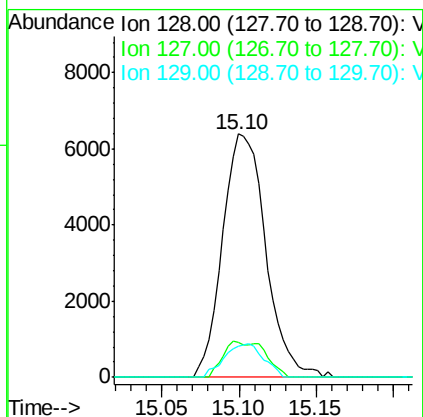
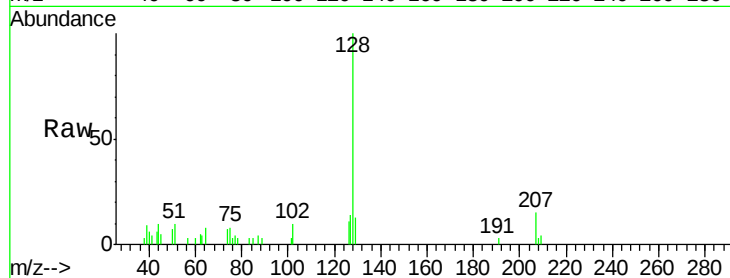
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	12404
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.8	16.2
129	12.4	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 1.616 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tgt Ion:	180	Resp:	4267
Ion	Ratio	Lower	Upper
180	100		
182	106.3	47.5	142.5
145	37.6	18.1	54.1

