

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063147.D
 Acq On : 31 Aug 2020 12:54
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:07:01 AM

Quant Time: Sep 01 03:00:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	401127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	748124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	650825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269261	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	4256	0.980	ug/l	94
3) Chloromethane	2.03	50	6962	1.242	ug/l	92
4) Vinyl Chloride	2.16	62	6240	1.032	ug/l	95
6) Chloroethane	2.68	64	4530	1.087	ug/l #	80
7) Trichlorofluoromethane	2.98	101	8454	1.007	ug/l	96
8) Diethyl Ether	3.37	74	3472m	1.209	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.72	101	4053	0.817	ug/l	90
12) 1,1-Dichloroethene	3.70	96	4454	1.001	ug/l #	78
14) Allyl chloride	4.28	41	6518	0.904	ug/l #	89
15) Acrylonitrile	4.95	53	7366	4.006	ug/l #	56
16) Acetone	3.78	43	9974	6.435	ug/l	98
17) Carbon Disulfide	4.01	76	13117	0.985	ug/l #	93
18) Methyl Acetate	4.28	43	4507m	0.815	ug/l	
19) Methyl tert-butyl Ether	4.99	73	15433	1.200	ug/l	96
20) Methylene Chloride	4.50	84	7603	1.369	ug/l #	91
21) trans-1,2-Dichloroethene	4.99	96	3951m	0.831	ug/l	
22) Diisopropyl ether	5.90	45	16535	1.123	ug/l #	61
23) Vinyl Acetate	5.85	43	60313	5.603	ug/l #	92
24) 1,1-Dichloroethane	5.80	63	9079	0.977	ug/l #	88
25) 2-Butanone	6.79	43	11565	5.147	ug/l #	88
26) 2,2-Dichloropropane	6.78	77	9695	1.312	ug/l	82
27) cis-1,2-Dichloroethene	6.78	96	5838m	1.109	ug/l	
28) Bromochloromethane	7.15	49	4991	1.165	ug/l #	55
29) Tetrahydrofuran	7.16	42	9036m	6.318	ug/l	
30) Chloroform	7.32	83	9798	1.025	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	7471	0.899	ug/l #	47
36) 1,1-Dichloropropene	7.75	75	6601	0.807	ug/l #	84
37) Ethyl Acetate	6.88	43	4291m	0.722	ug/l	
38) Carbon Tetrachloride	7.73	117	6435	0.734	ug/l	88
39) Methylcyclohexane	9.05	83	7812	0.913	ug/l #	87
40) Benzene	8.00	78	20016	0.803	ug/l	96
41) Methacrylonitrile	7.13	41	2503	0.847	ug/l #	40
42) 1,2-Dichloroethane	8.09	62	7618	0.903	ug/l	97
43) Isopropyl Acetate	8.12	43	10241	0.985	ug/l #	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	4638	0.716	ug/l	88
45) 1,2-Dichloropropane	9.09	63	5182	0.772	ug/l	93
46) Dibromomethane	9.18	93	3502	0.831	ug/l	93
47) Bromodichloromethane	9.37	83	7465	0.853	ug/l #	82
48) Methyl methacrylate	9.17	41	4077	0.794	ug/l #	72
49) 1,4-Dioxane	9.17	88	1765m	24.205	ug/l	
51) 4-Methyl-2-Pentanone	9.95	43	28375	4.901	ug/l	100
52) Toluene	10.12	92	11972	0.807	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	7652	0.868	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	7867	0.821	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	4939	0.802	ug/l #	90
56) Ethyl methacrylate	10.41	69	6868	0.934	ug/l #	91
57) 1,3-Dichloropropane	10.68	76	8311	0.847	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.66	63	17380	5.096	ug/l	97
59) 2-Hexanone	10.72	43	16788	4.273	ug/l	100
60) Dibromochloromethane	10.87	129	4751	0.706	ug/l	98
61) 1,2-Dibromoethane	10.98	107	4387	0.756	ug/l	99
64) Tetrachloroethene	10.60	164	5330	0.935	ug/l #	81
65) Chlorobenzene	11.41	112	12100	0.756	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.48	131	4442	0.715	ug/l #	59
67) Ethyl Benzene	11.49	91	21777	0.830	ug/l	99
68) m/p-Xylenes	11.60	106	15515	1.578	ug/l	99
69) o-Xylene	11.92	106	7506	0.792	ug/l	96
70) Styrene	11.94	104	12485	0.809	ug/l	95
71) Bromoform	12.10	173	2736	0.627	ug/l #	99
73) Isopropylbenzene	12.23	105	19705	0.949	ug/l	96
74) N-amyl acetate	12.05	43	7287	1.080	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.48	83	5776	0.921	ug/l	93
76) 1,2,3-Trichloropropane	12.53	75	5803m	1.115	ug/l	
77) Bromobenzene	12.50	156	4870m	0.873	ug/l	
78) n-propylbenzene	12.57	91	22931	0.969	ug/l	97
79) 2-Chlorotoluene	12.65	91	13895	0.959	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	16077	0.966	ug/l	99
82) 4-Chlorotoluene	12.75	91	13775	0.945	ug/l	99
83) tert-Butylbenzene	12.97	119	14711	1.011	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	16421	0.977	ug/l	99
85) sec-Butylbenzene	13.15	105	17787	0.923	ug/l	98
86) p-Isopropyltoluene	13.26	119	14600	0.883	ug/l	93
87) 1,3-Dichlorobenzene	13.26	146	7704	0.787	ug/l	92
88) 1,4-Dichlorobenzene	13.34	146	8753m	0.885	ug/l	
89) n-Butylbenzene	13.59	91	14362	1.033	ug/l	97
90) Hexachloroethane	13.86	117	3082	0.840	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	7018	0.728	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1533	1.483	ug/l	69
93) 1,2,4-Trichlorobenzene	14.88	180	4401	0.986	ug/l	92
94) Hexachlorobutadiene	14.98	225	1989	0.662	ug/l	94
95) Naphthalene	15.11	128	13930	1.281	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	4872	1.055	ug/l	76

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VSTDICC001

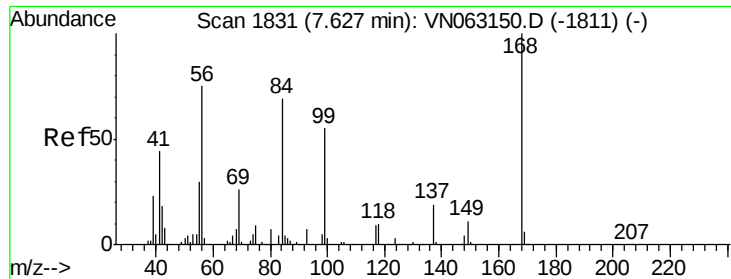
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 401127

Ion Ratio Lower Upper

168 100

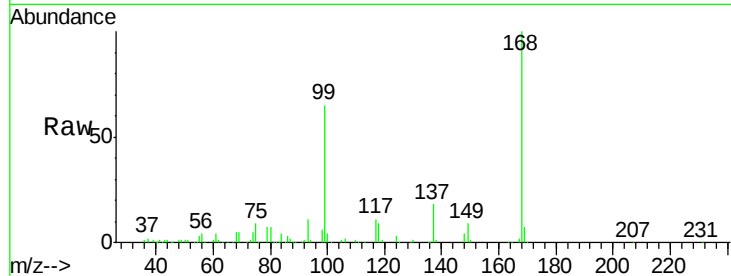
99 64.3 54.2 81.2

Manual Integrations

APPROVED

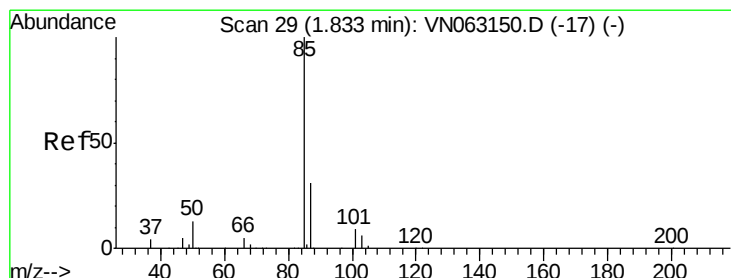
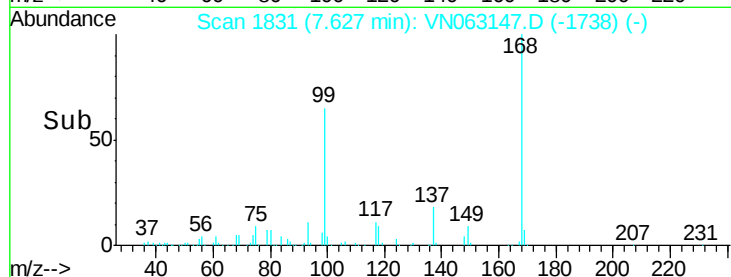
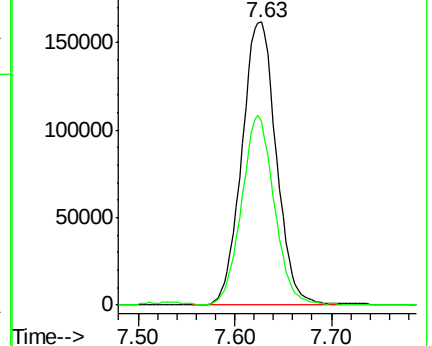
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.980 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063147.D

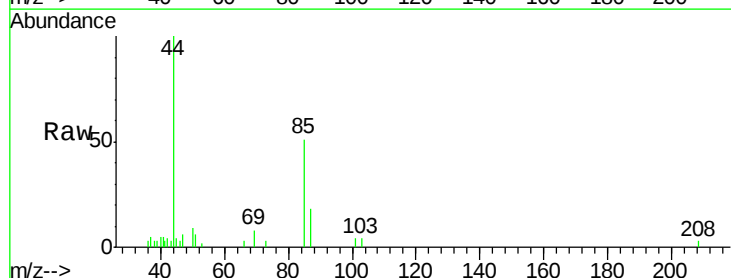
Acq: 31 Aug 2020 12:54

Tgt Ion: 85 Resp: 4256

Ion Ratio Lower Upper

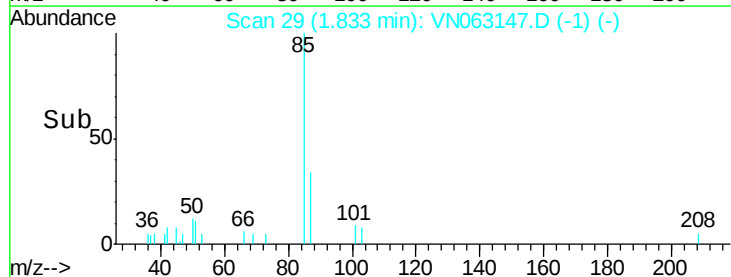
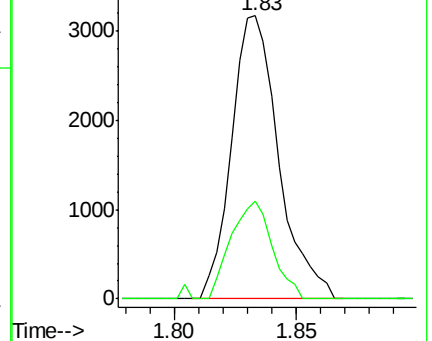
85 100

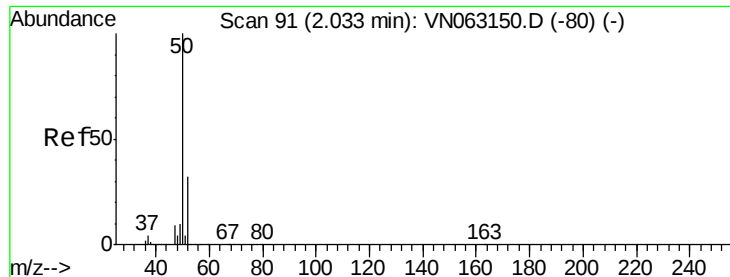
87 34.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.242 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Tot Ion: 50 Resp: 6962

Ion Ratio Lower Upper

50 100

52 27.6 25.8 38.6

Instrument :

MSVOA_N

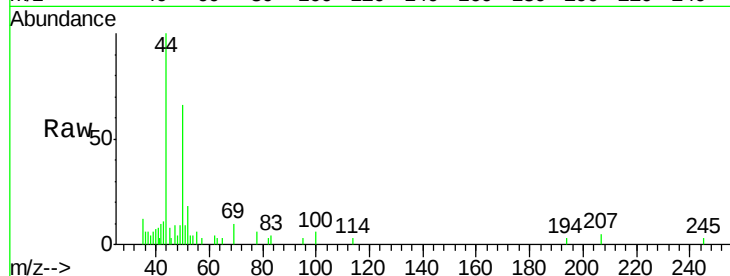
ClientSampleId :

VSTDIC001

Manual Integrations
APPROVED

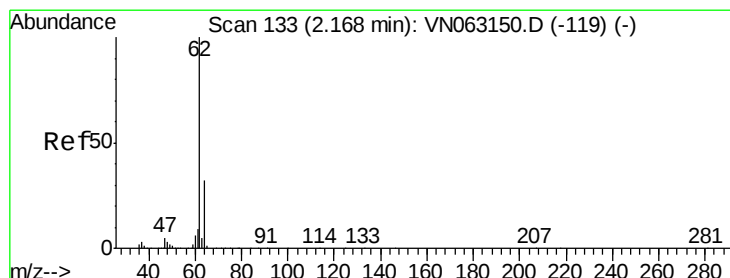
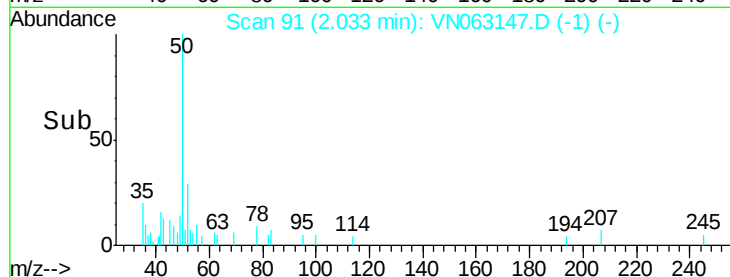
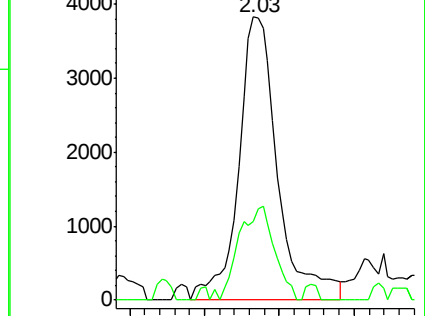
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.032 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.01 min

Lab File: VN063147.D

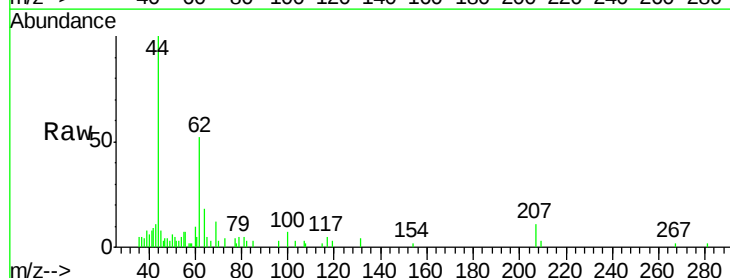
Acq: 31 Aug 2020 12:54

Tgt Ion: 62 Resp: 6240

Ion Ratio Lower Upper

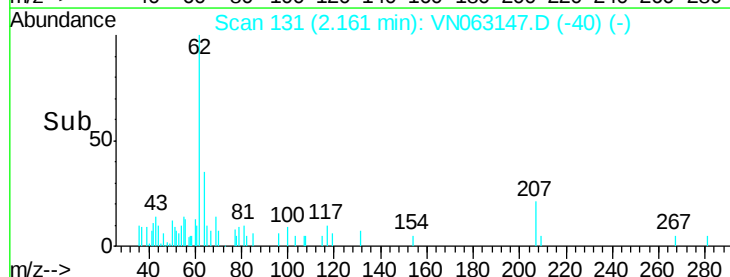
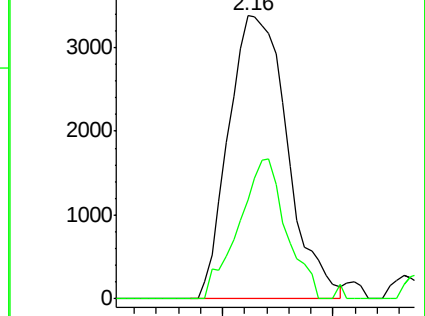
62 100

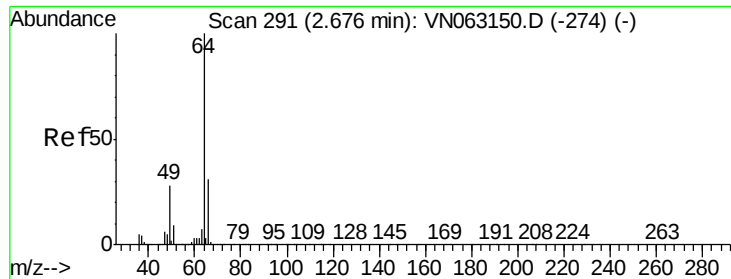
64 35.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 1.087 ug/l

RT: 2.68 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 4530

Ion Ratio Lower Upper

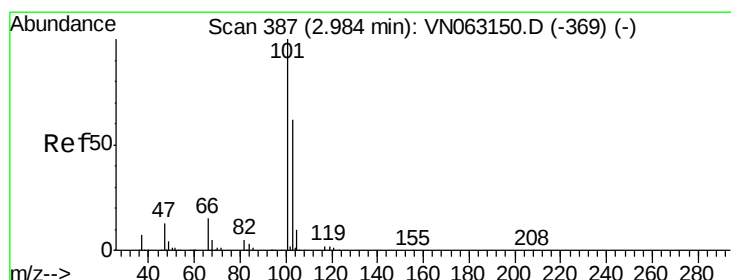
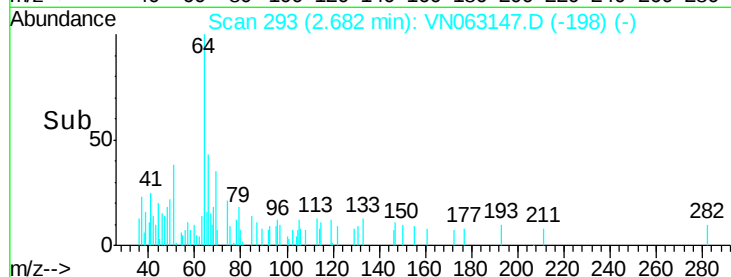
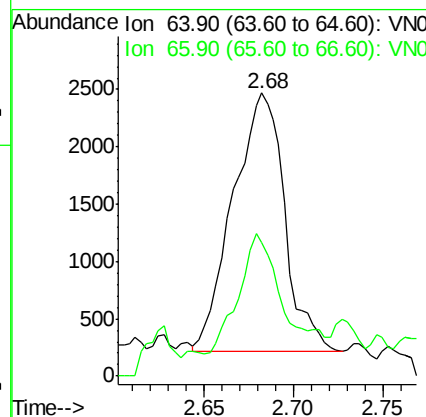
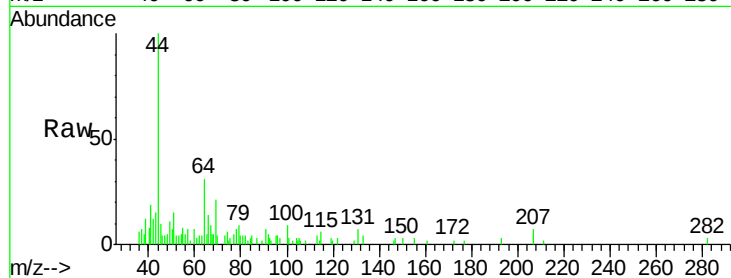
64 100

66 41.8 24.7 37.1#

Manual Integrations
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#7

Trichlorofluoromethane

Concen: 1.007 ug/l

RT: 2.98 min Scan# 386

Delta R.T. -0.00 min

Lab File: VN063147.D

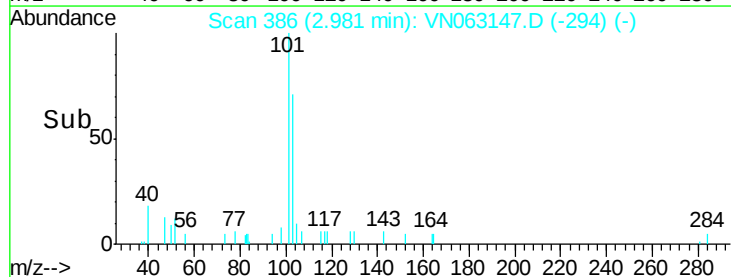
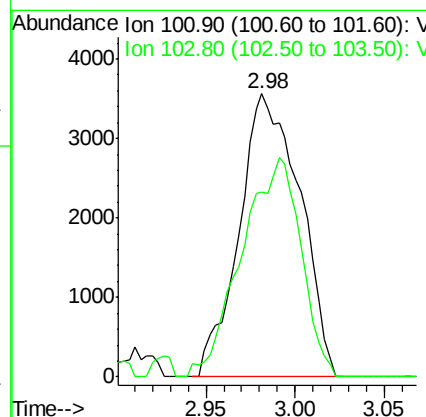
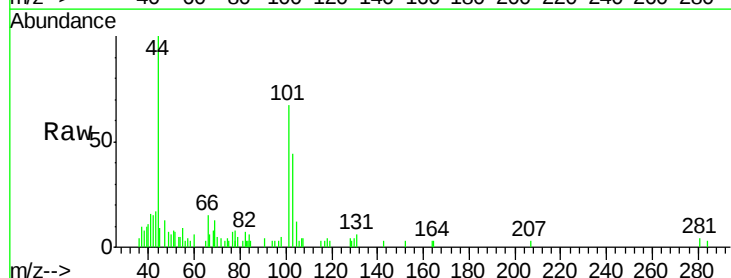
Acq: 31 Aug 2020 12:54

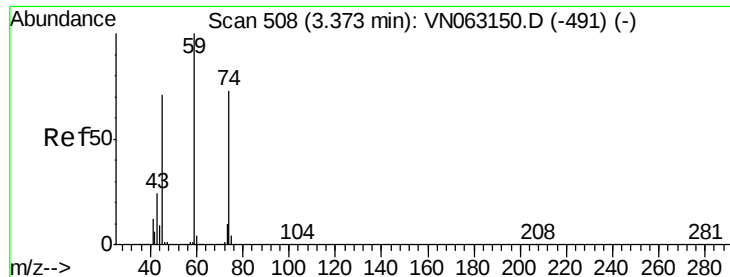
Tgt Ion: 101 Resp: 8454

Ion Ratio Lower Upper

101 100

103 65.2 49.7 74.5





#8

Diethyl Ether

Concen: 1.209 ug/l m

RT: 3.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

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MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 3472

Ion Ratio Lower Upper

74 100

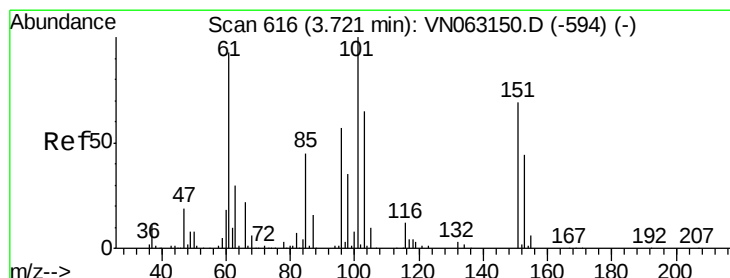
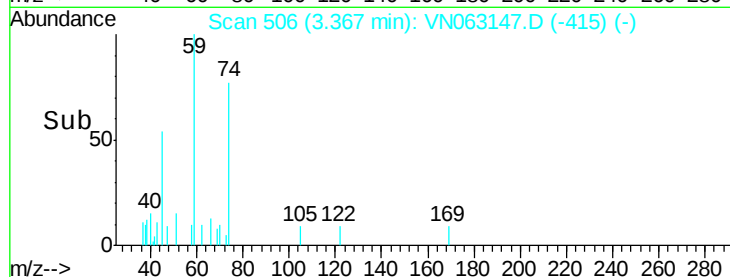
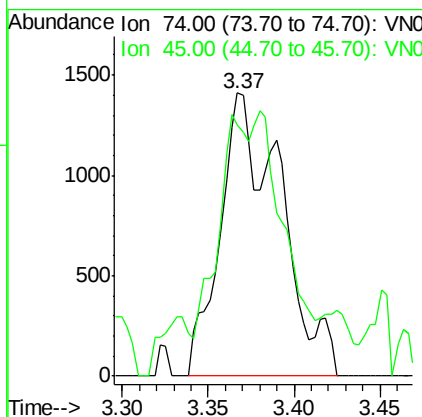
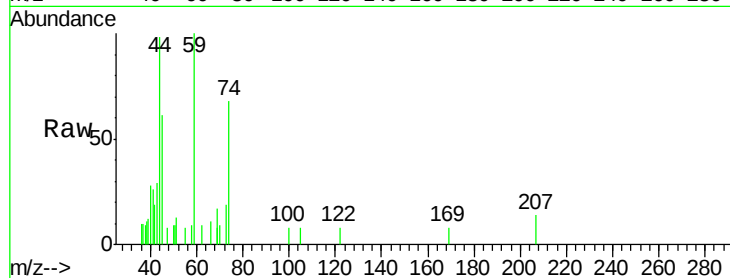
45 37.5 49.5 148.5#

Manual Integrations

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9/1/2020 9:07:01 AM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.817 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

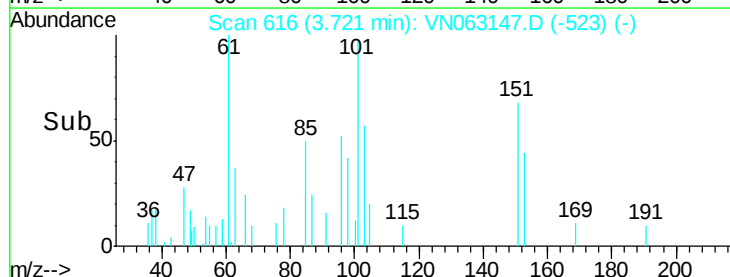
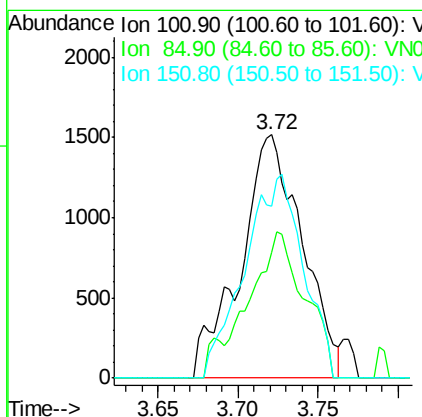
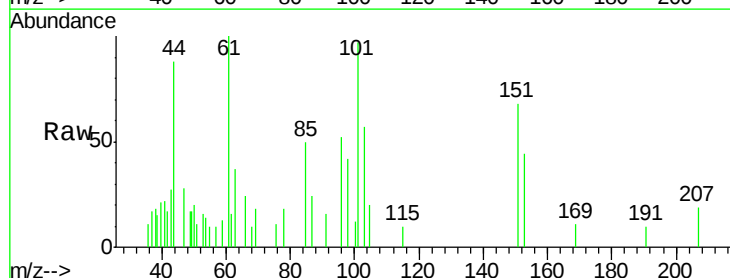
Tgt Ion: 101 Resp: 4053

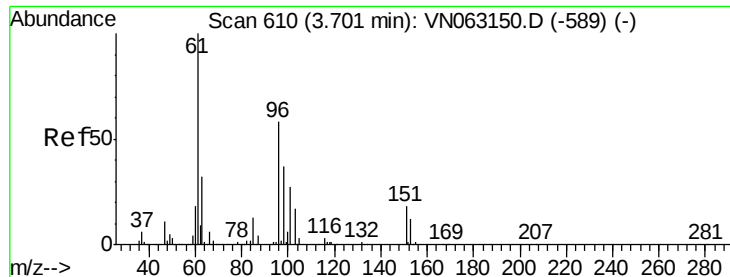
Ion Ratio Lower Upper

101 100

85 51.7 37.8 56.8

151 79.2 55.0 82.4





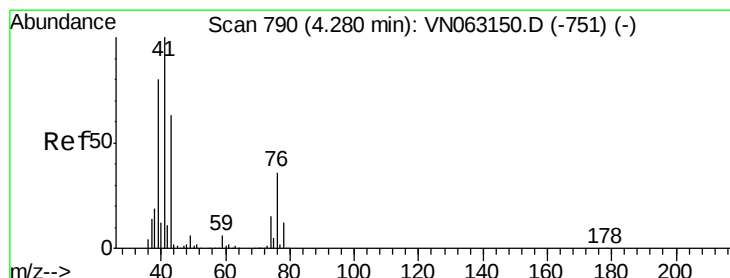
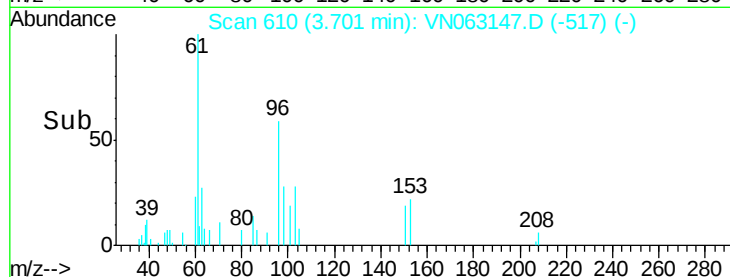
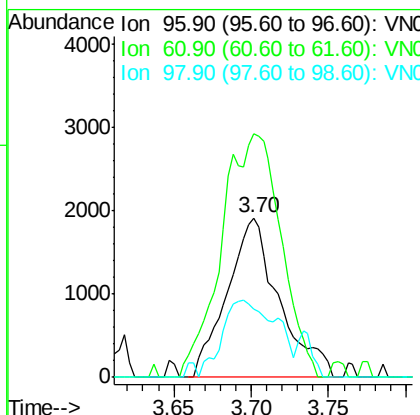
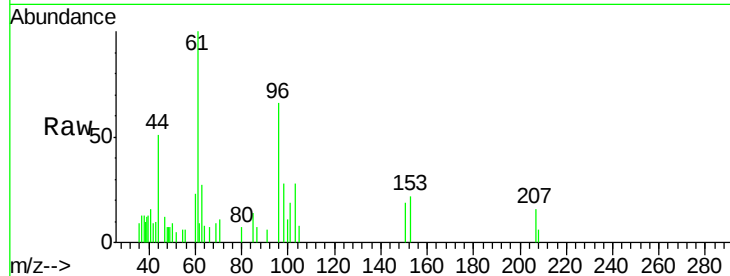
#12
 1,1-Dichloroethene
 Concen: 1.001 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	137.4	206.2
98	43.0	50.5	75.7#

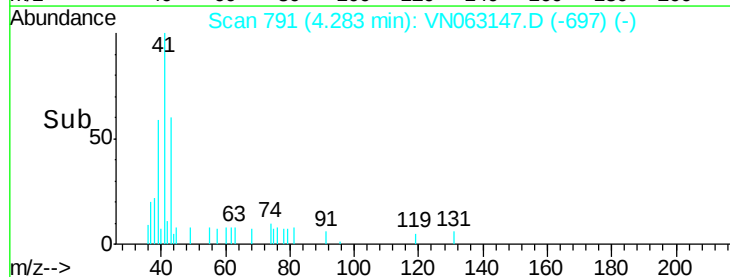
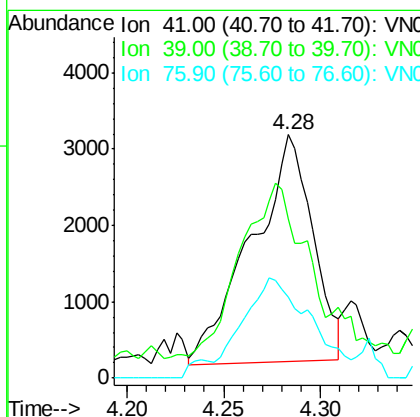
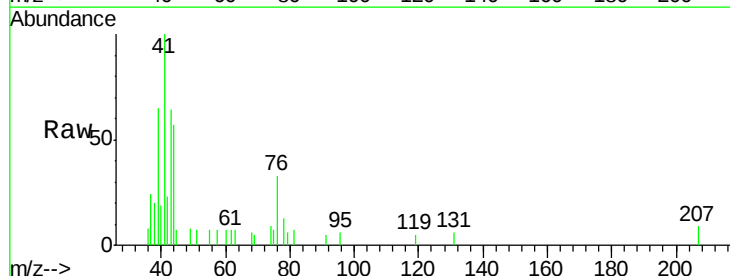
Manual Integrations
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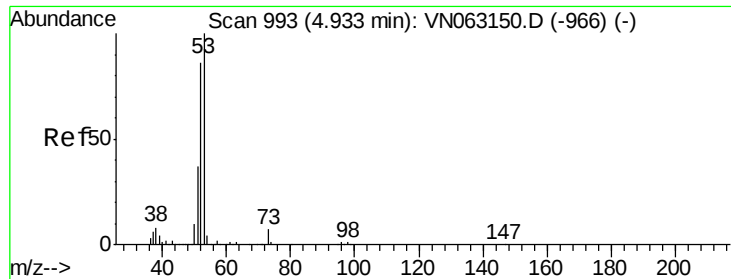
MMDadoda
 9/1/2020 9:07:01 AM



#14
 Allyl chloride
 Concen: 0.904 ug/l
 RT: 4.28 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.7	60.2	90.2
76	48.7	27.7	41.5#





#15

Acrylonitrile

Concen: 4.006 ug/l

RT: 4.95 min Scan# 998

Delta R.T. 0.02 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

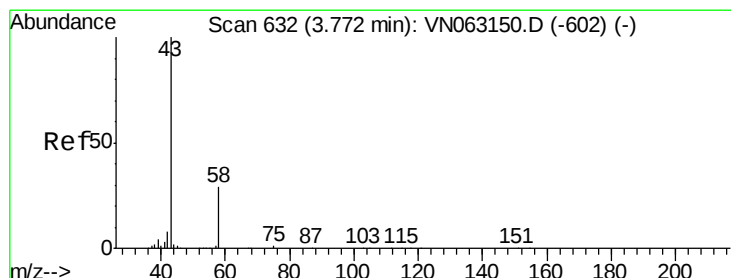
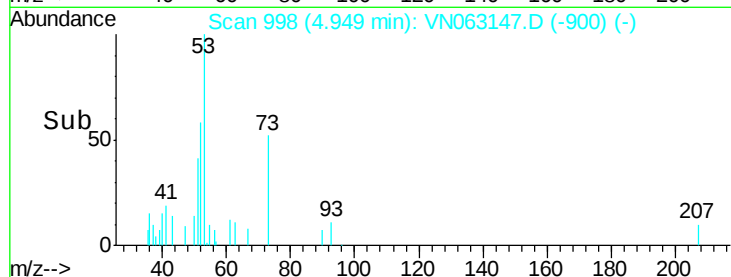
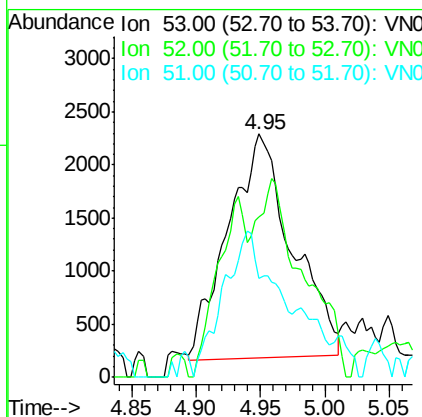
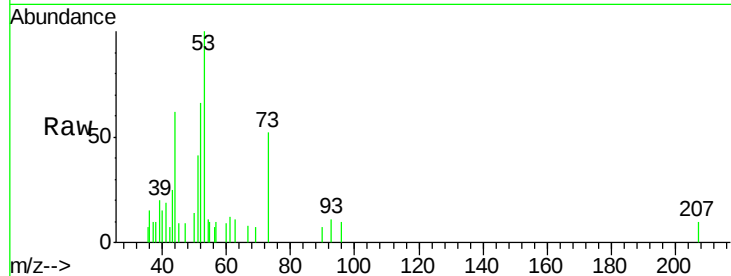
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	7366
Ion	Ratio	Lower	Upper
53	100		
52	35.4	67.2	100.8#
51	51.2	30.2	45.4#

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#16

Acetone

Concen: 6.435 ug/l

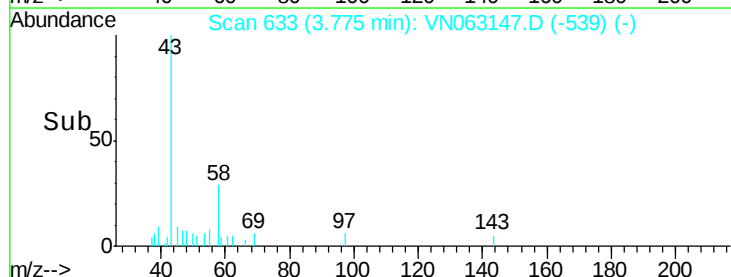
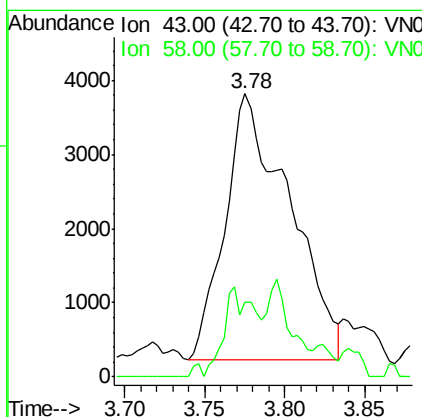
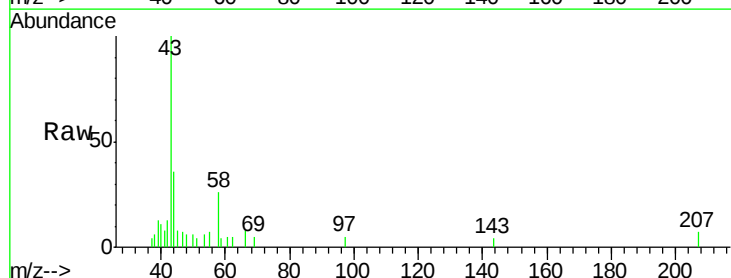
RT: 3.78 min Scan# 633

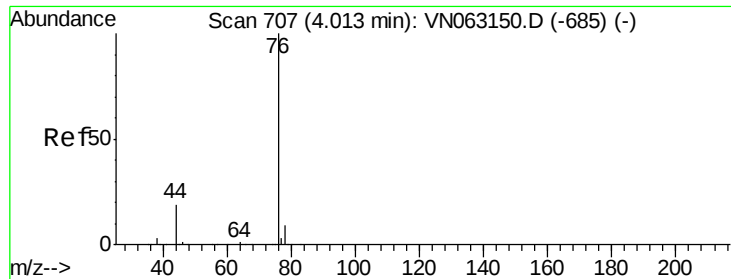
Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Tgt Ion:	43	Resp:	9974
Ion	Ratio	Lower	Upper
43	100		
58	28.1	23.1	34.7





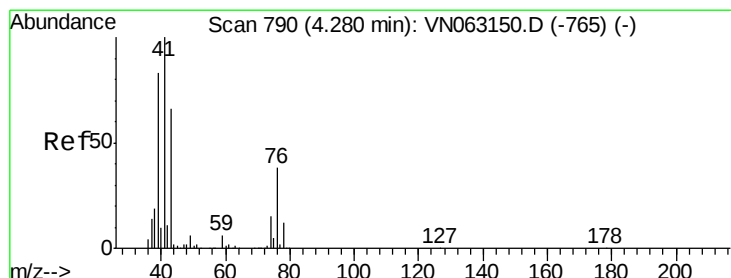
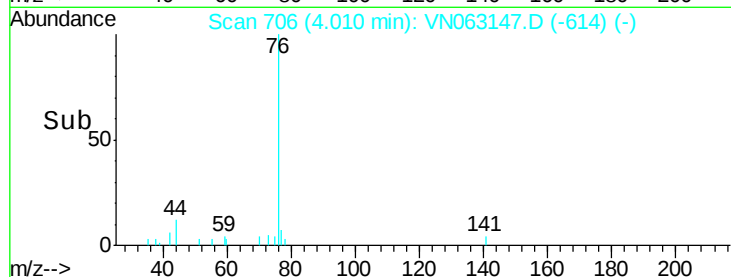
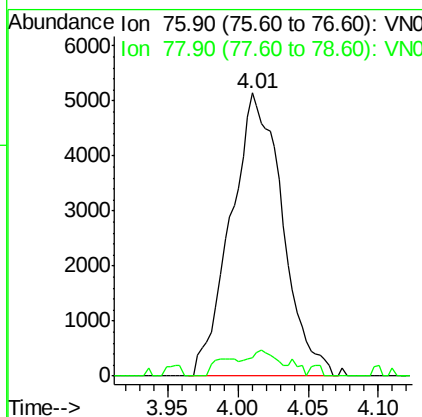
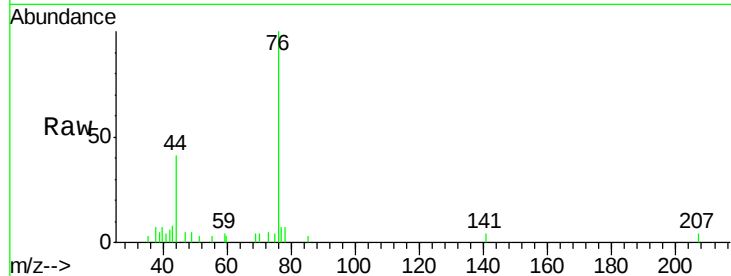
#17
Carbon Disulfide
Concen: 0.985 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	6.7	7.5	11.3#

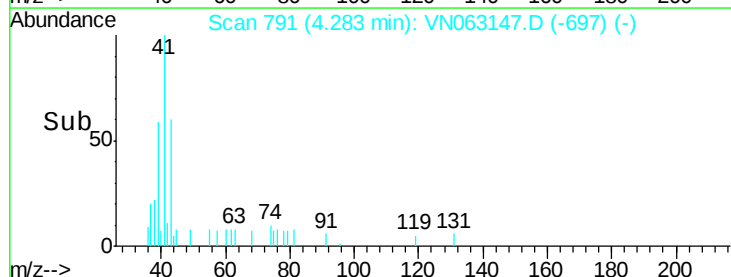
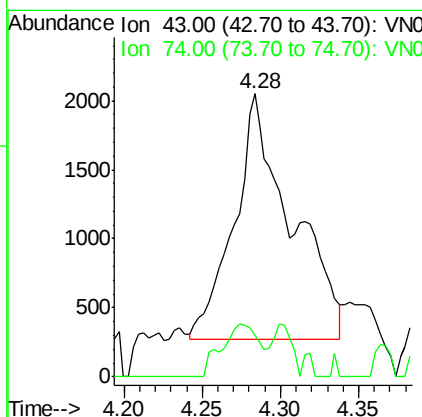
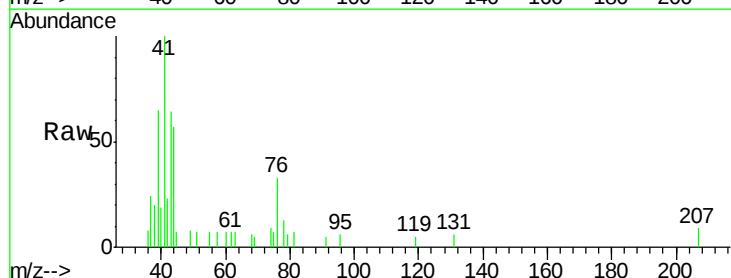
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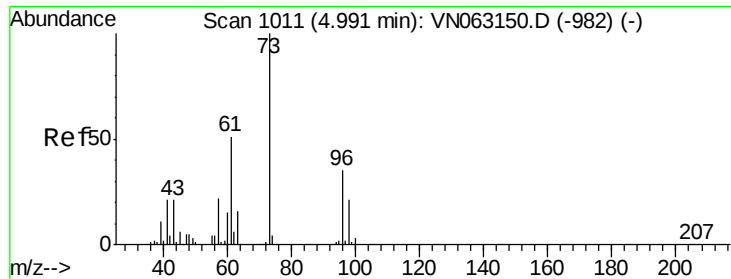
MMDadoda
9/1/2020 9:07:01 AM



#18
Methyl Acetate
Concen: 0.815 ug/l m
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	13.8	19.0	28.6#





#19

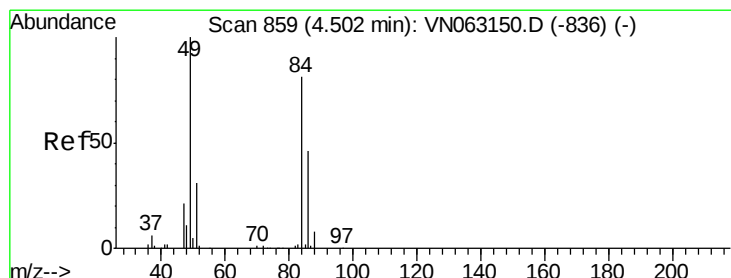
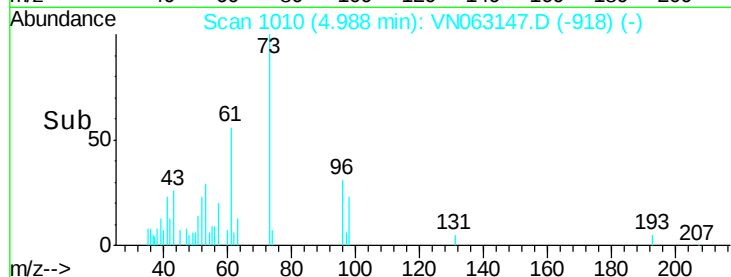
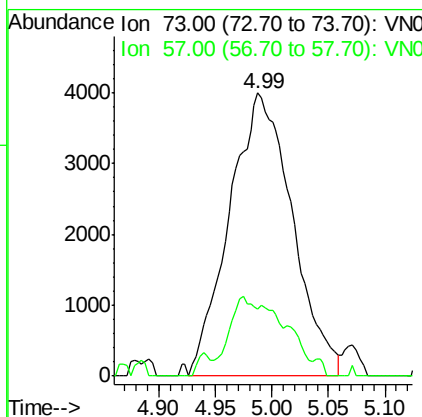
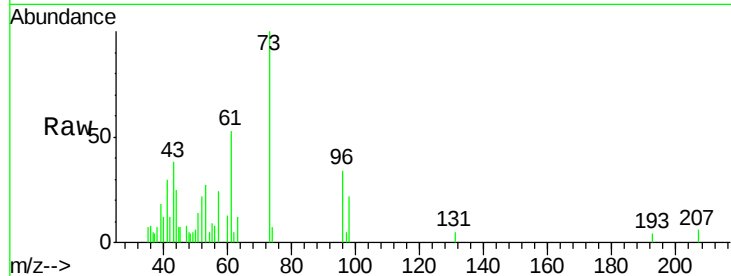
Methyl tert-butyl Ether
 Concen: 1.200 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 73 Resp: 15433
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.6 26.4

Manual Integrations
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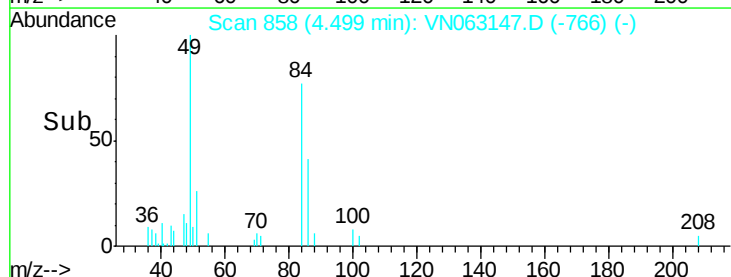
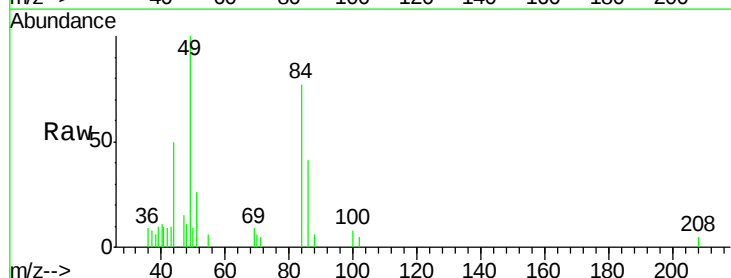
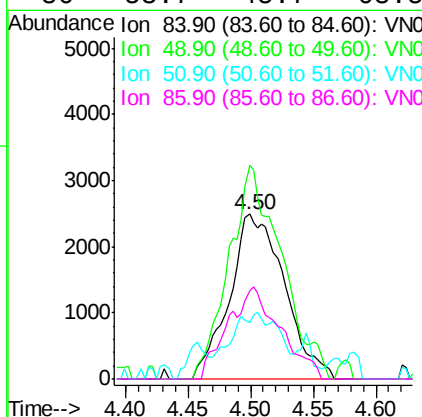
MMDadoda
 9/1/2020 9:07:01 AM

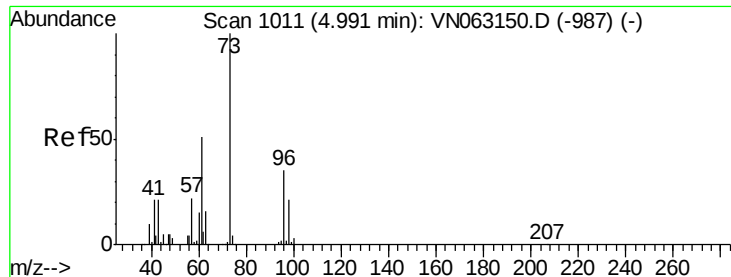


#20

Methylene Chloride
 Concen: 1.369 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion: 84 Resp: 7603
 Ion Ratio Lower Upper
 84 100
 49 129.4 98.4 147.6
 51 21.9 30.4 45.6#
 86 53.7 45.7 68.5





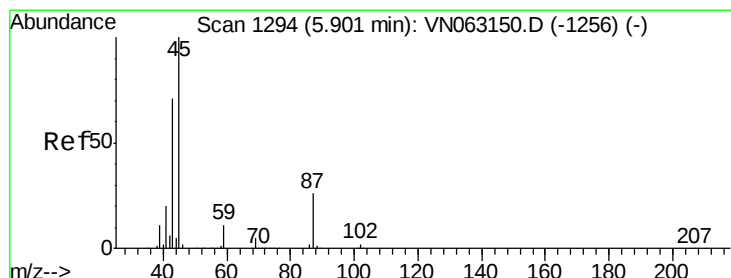
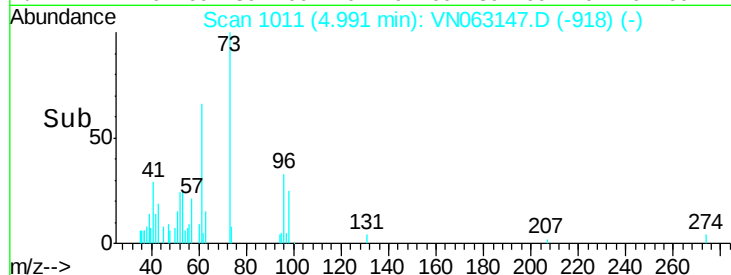
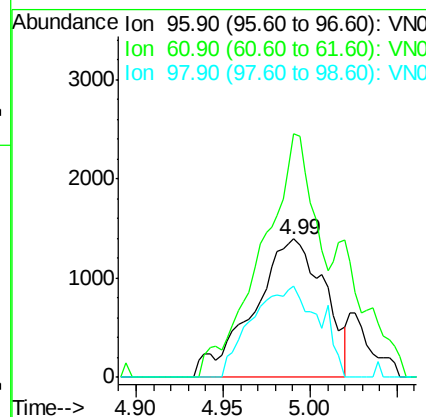
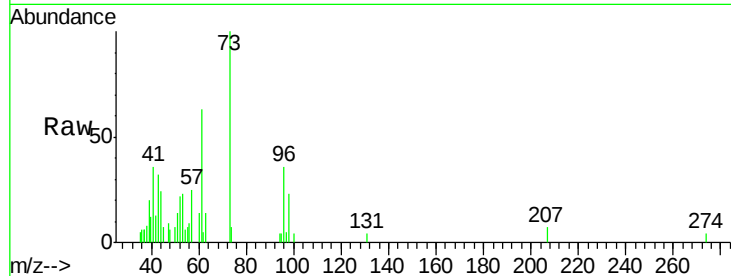
#21
trans-1,2-Dichloroethene
Concen: 0.831 ug/l m
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	175.9	116.2	174.4#
98	65.5	48.0	72.0

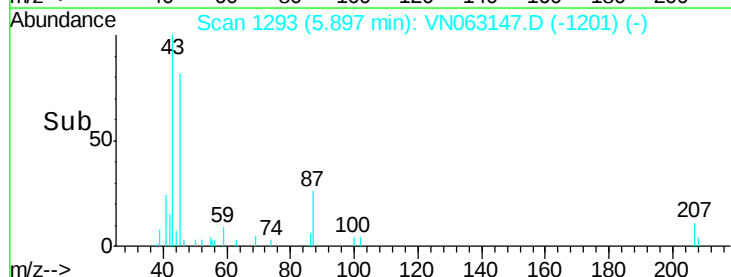
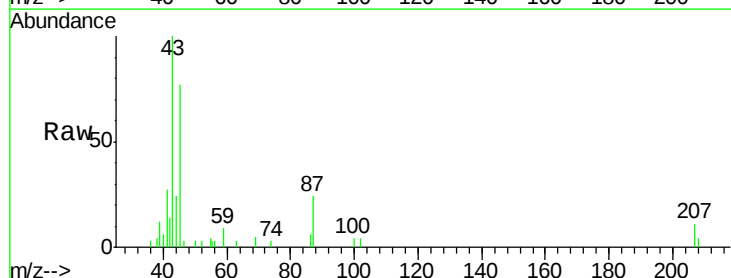
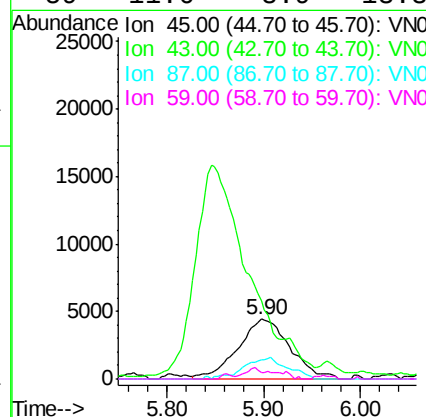
Manual Integrations
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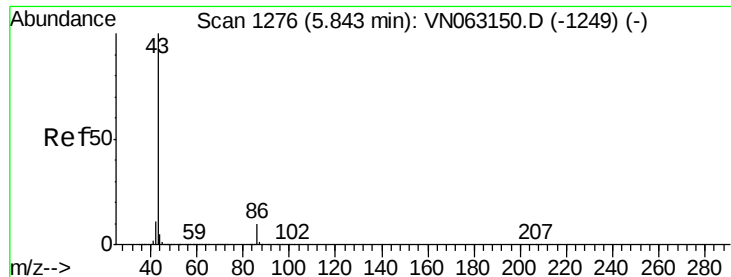
MMDadoda
9/1/2020 9:07:01 AM



#22
Diisopropyl ether
Concen: 1.123 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	117.3	56.8	85.2#
87	31.6	21.1	31.7
59	11.6	8.9	13.3





#23

Vinyl Acetate

Concen: 5.603 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 60313

Ion Ratio Lower Upper

43 100

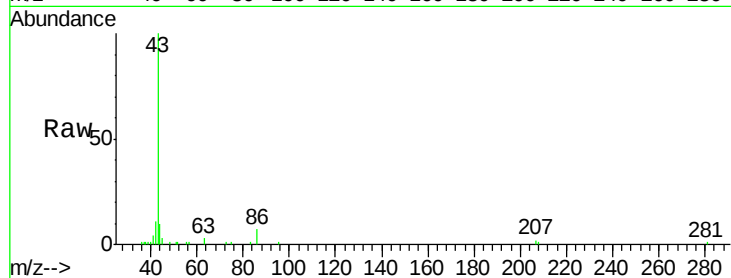
86 7.5 8.3 12.5#

Manual Integrations

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9/1/2020 9:07:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

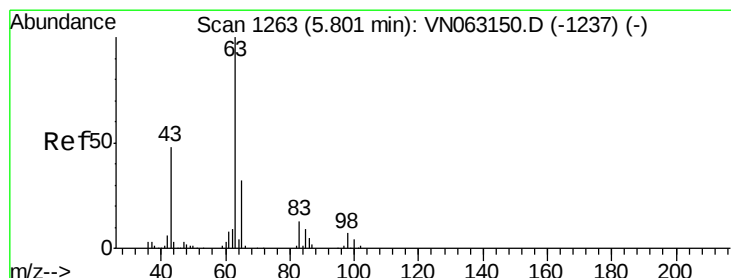
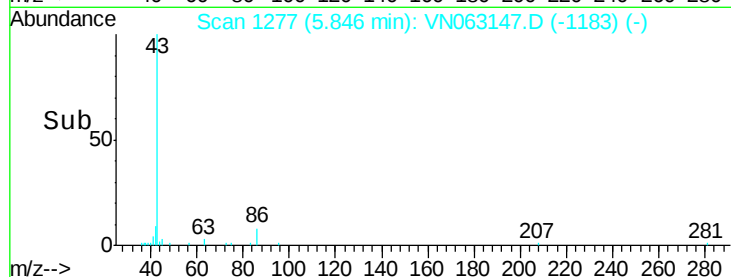
15000

10000

5000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 0.977 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

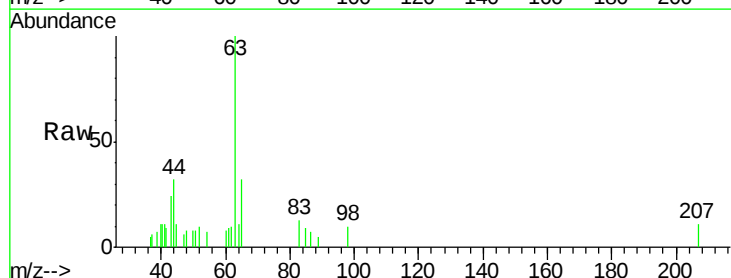
Tgt Ion: 63 Resp: 9079

Ion Ratio Lower Upper

63 100

98 10.3 3.4 10.1#

100 0.0 2.3 6.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

4000

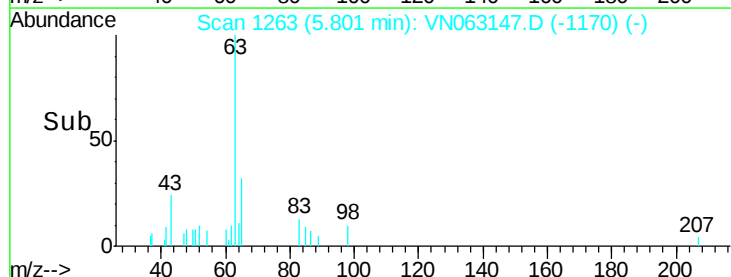
3000

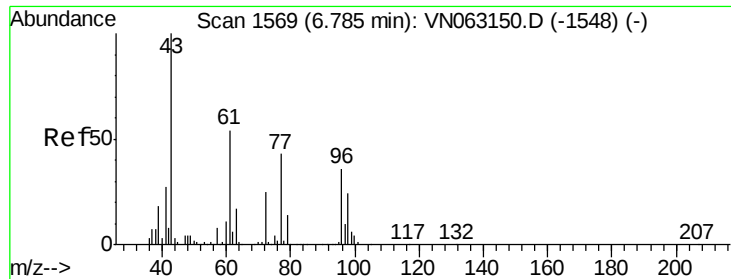
2000

1000

0

Time--> 5.70 5.75 5.80 5.85





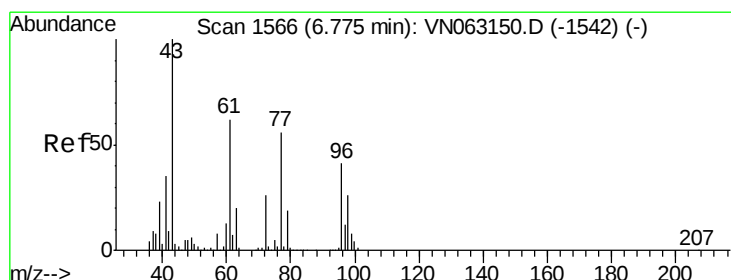
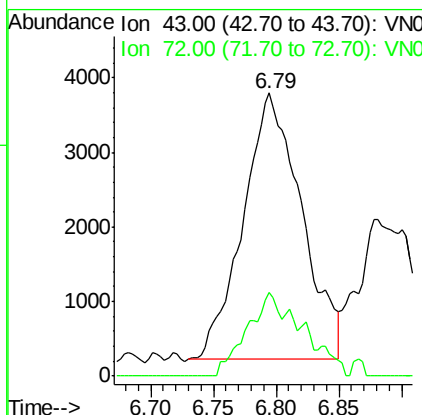
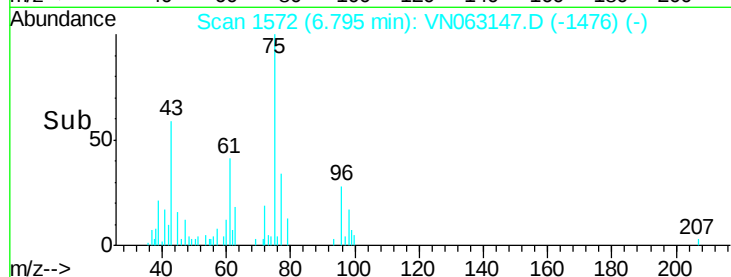
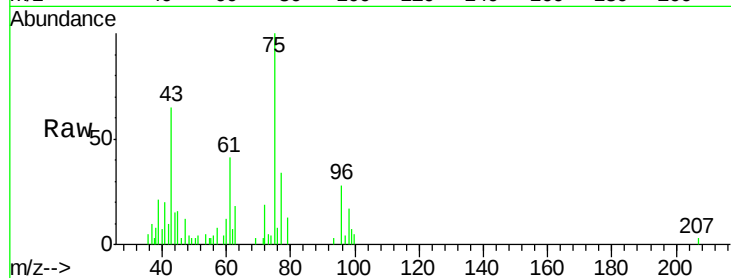
#25
2-Butanone
Concen: 5.147 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 11565
Ion Ratio Lower Upper
43 100
72 31.3 20.2 30.4#

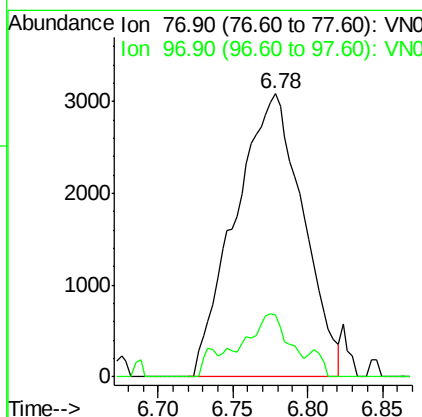
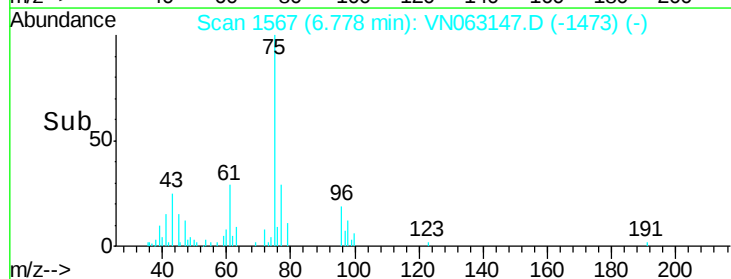
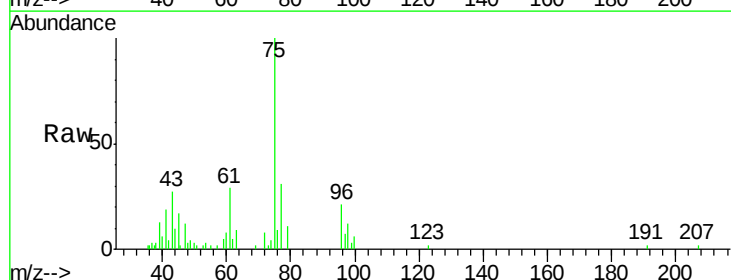
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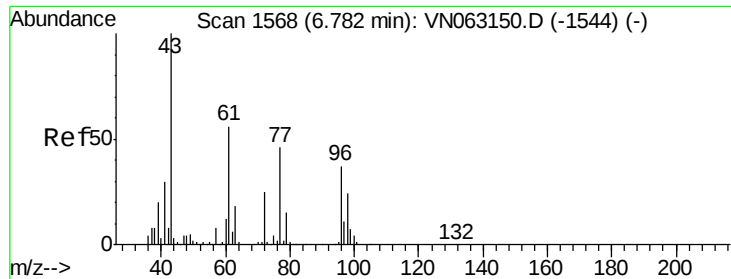
MMDadoda
9/1/2020 9:07:01 AM



#26
2,2-Dichloropropane
Concen: 1.312 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 77 Resp: 9695
Ion Ratio Lower Upper
77 100
97 12.6 10.7 31.9





#27

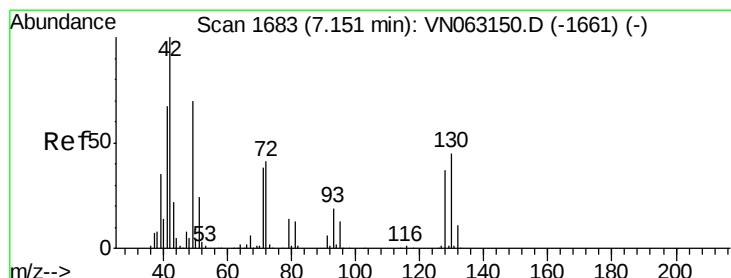
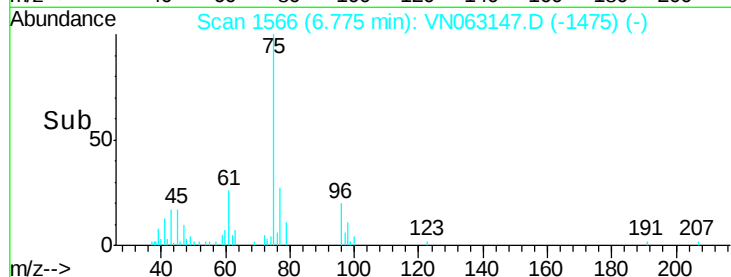
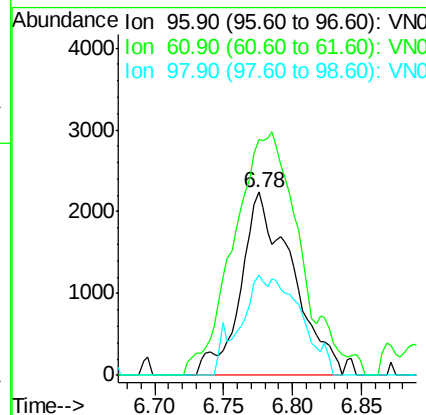
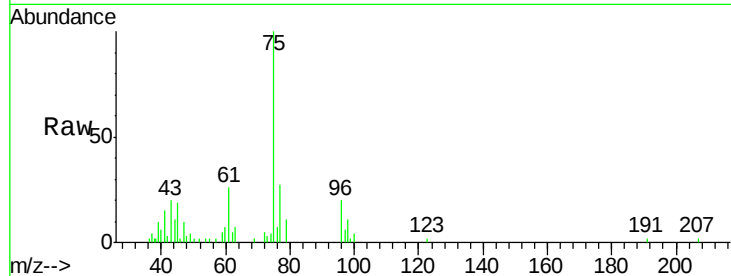
cis-1,2-Dichloroethene
Concen: 1.109 ug/l m
RT: 6.78 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	303.2
98	12.6	0.0	129.0

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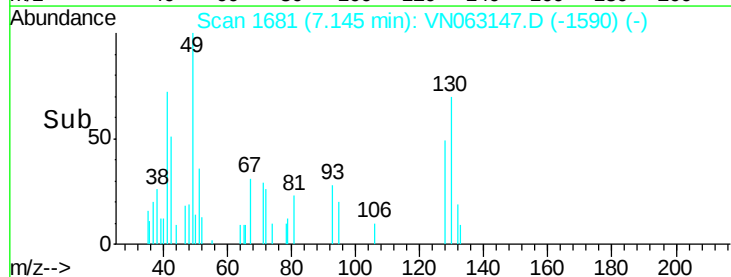
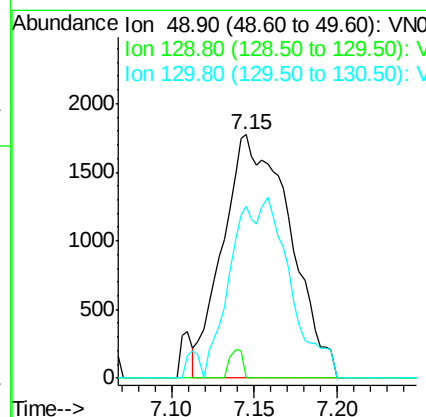
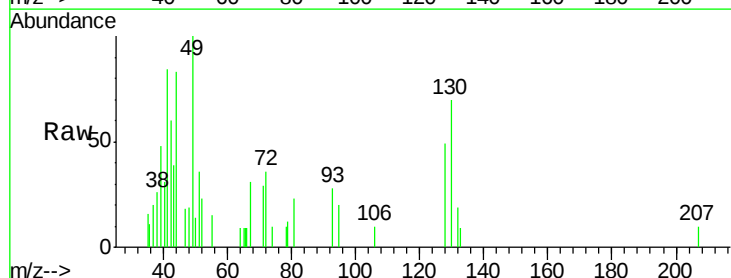
MMDadoda
9/1/2020 9:07:01 AM

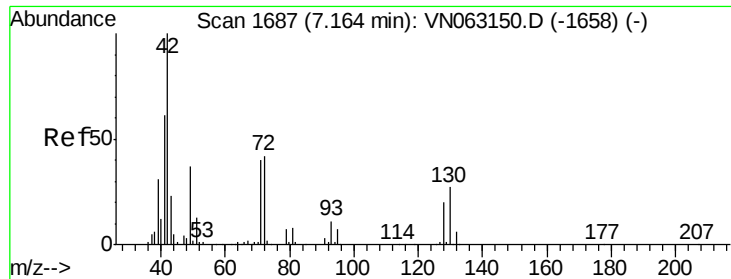


#28

Bromochloromethane
Concen: 1.165 ug/l
RT: 7.15 min Scan# 1681
Delta R.T. -0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	30.5	54.4	81.6#





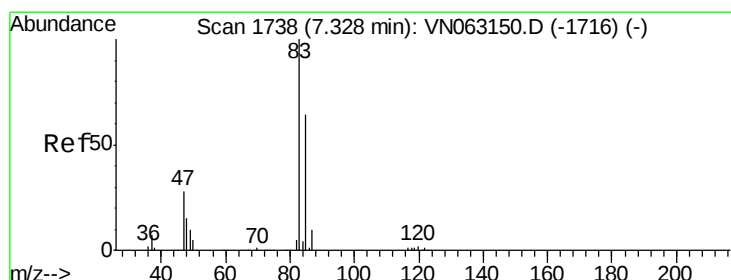
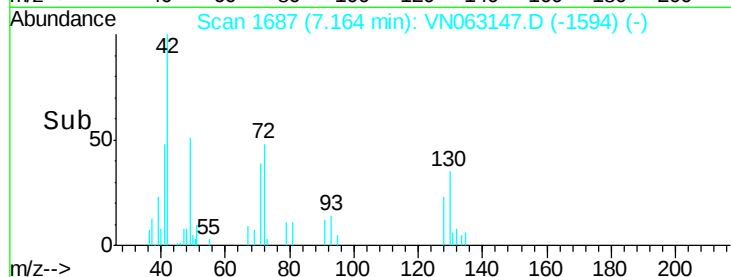
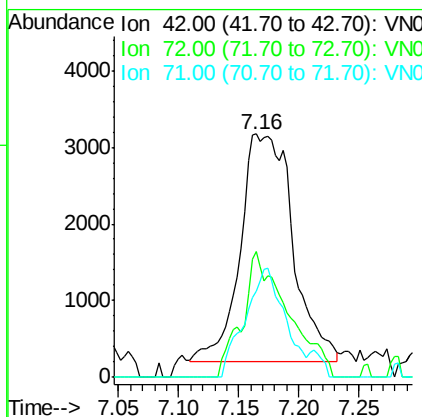
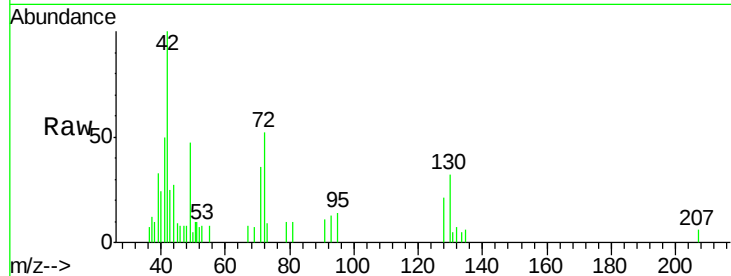
#29
Tetrahydrofuran
Concen: 6.318 ug/l m
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	33.9	50.9
71	36.4	31.9	47.9

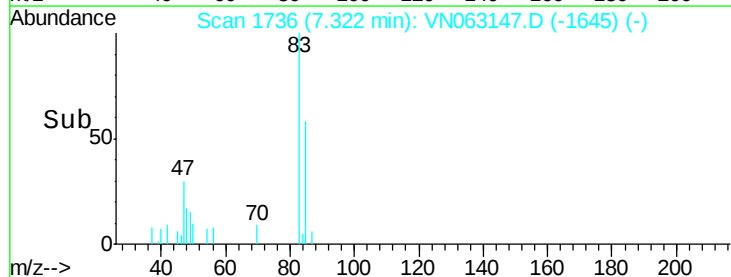
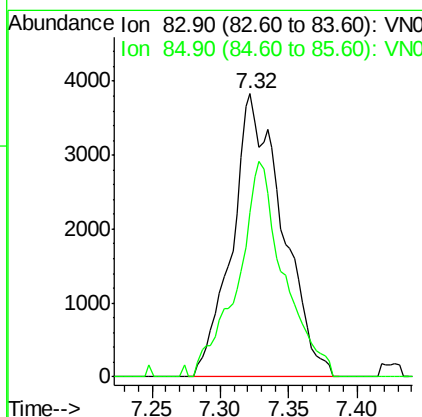
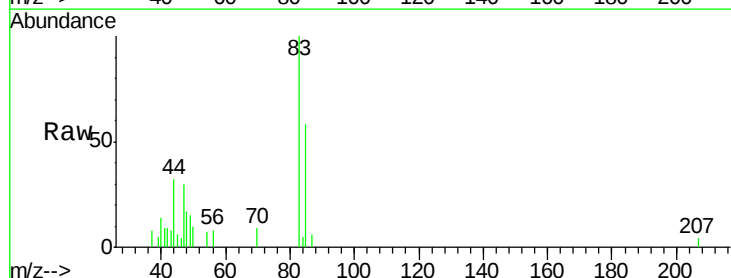
Manual Integrations
APPROVED

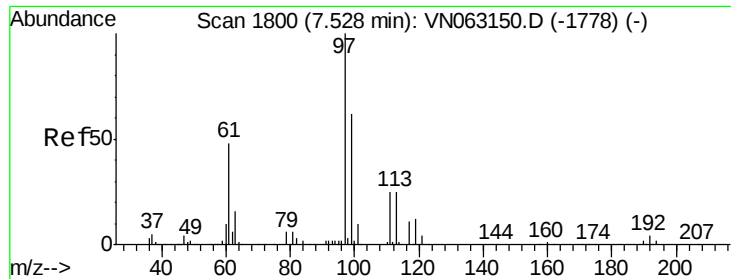
MMDadoda
9/1/2020 9:07:01 AM



#30
Chloroform
Concen: 1.025 ug/l
RT: 7.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.1	51.0	76.6





#32

1,1,1-Trichloroethane

Concen: 0.899 ug/l

RT: 7.53 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

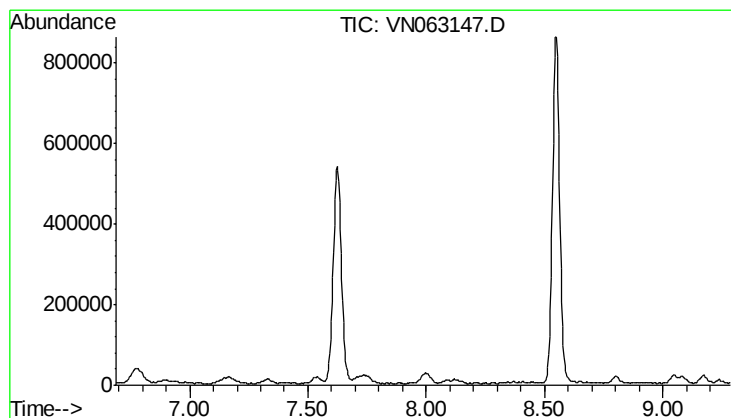
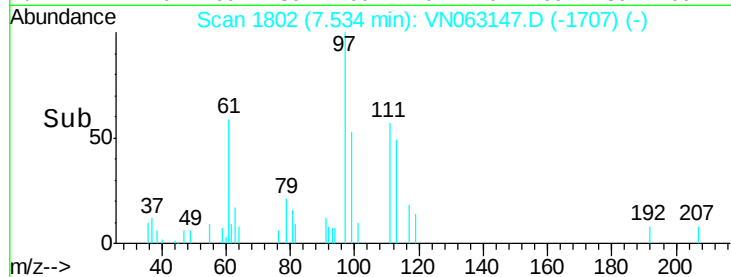
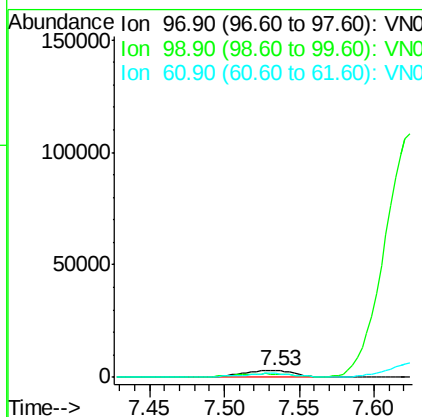
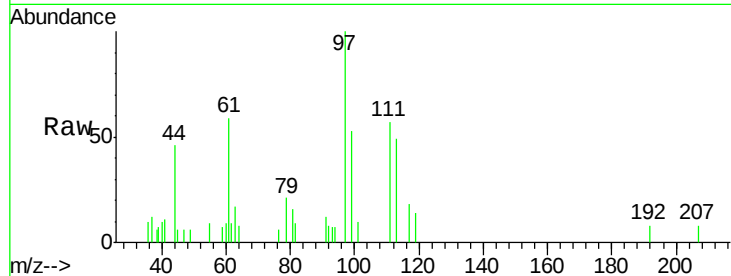
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	7471
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	56.4	37.4	56.2#

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN063147.D

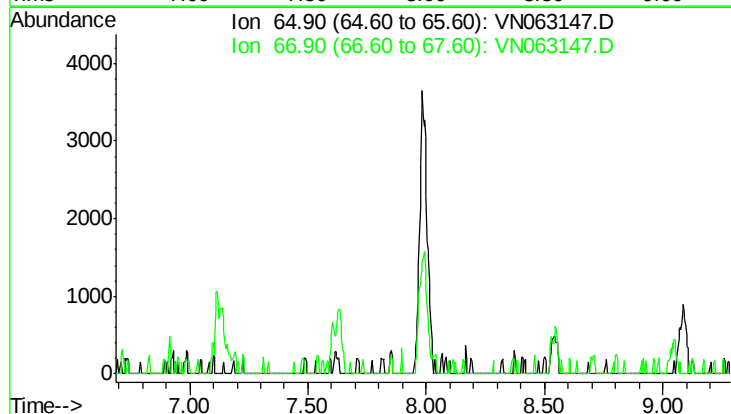
Acq: 31 Aug 2020 12:54

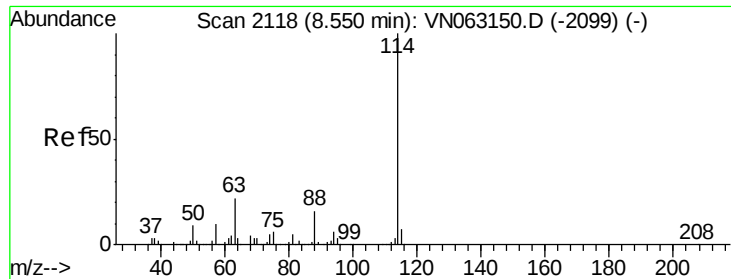
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.2





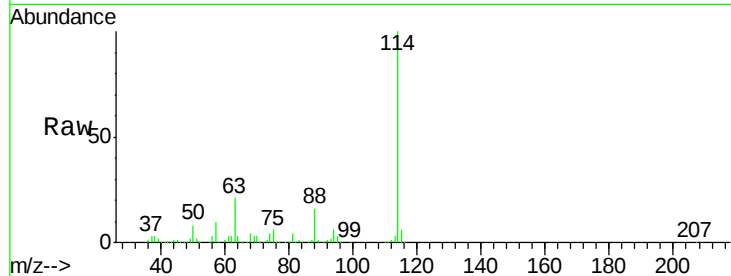
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.0	0.0	43.0
88	15.8	0.0	31.6

Manual Integrations
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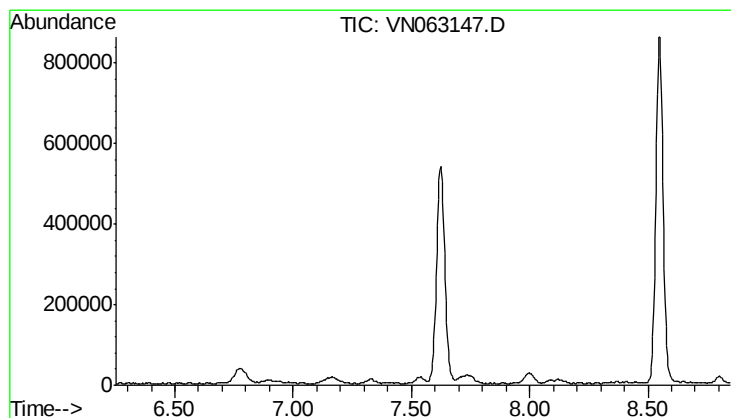
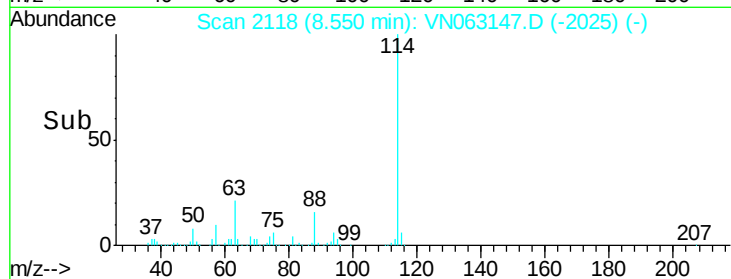
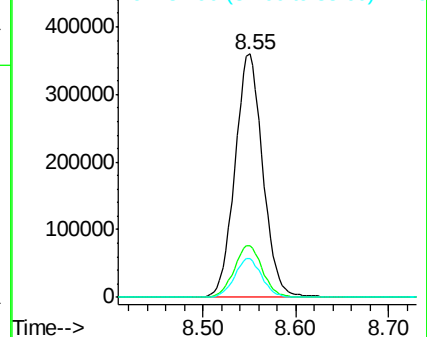
MMDadoda
9/1/2020 9:07:01 AM



Abundance Ion 113.90 (113.60 to 114.60): VN063147.D

Ion 63.00 (62.70 to 63.70): VN063147.D

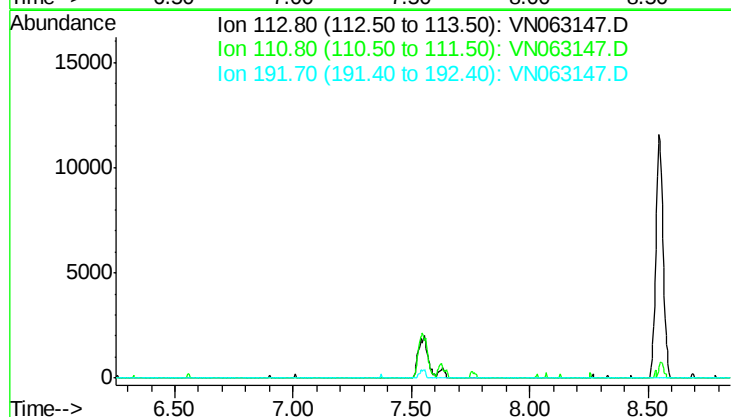
Ion 87.90 (87.60 to 88.60): VN063147.D

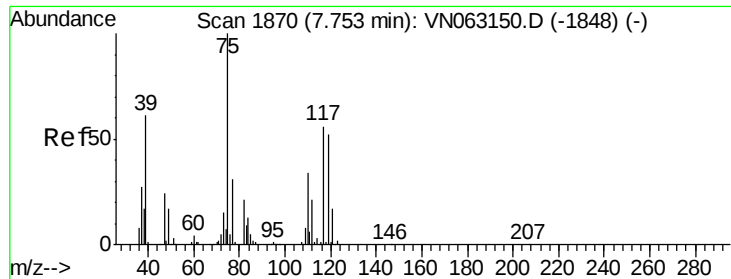


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.55 min

Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Exp Ratio
113	100
111	100.9
192	15.8





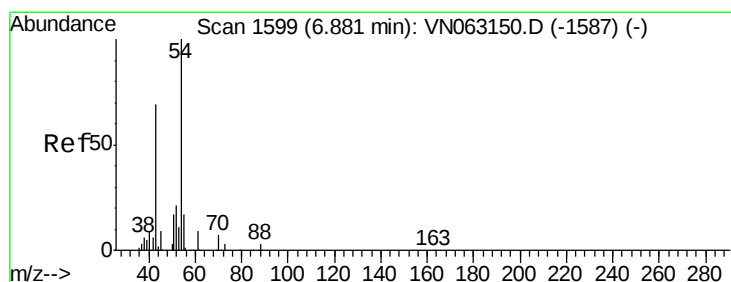
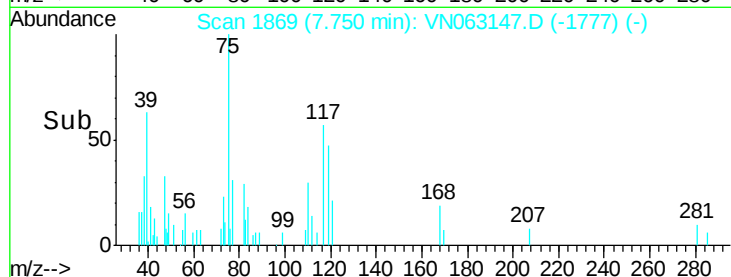
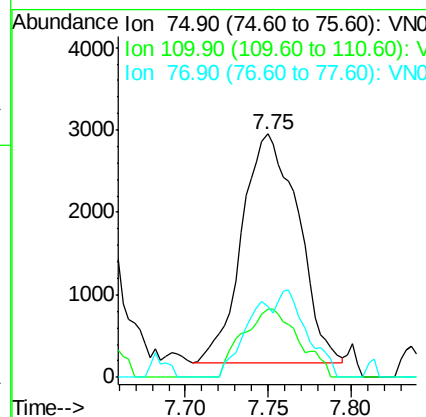
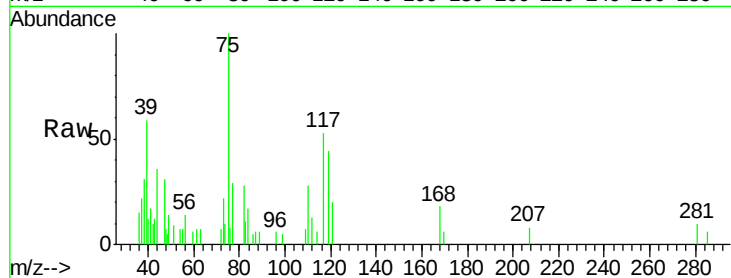
#36
 1,1-Dichloropropene
 Concen: 0.807 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	29.7	16.6	49.8
77	17.3	25.4	38.2#

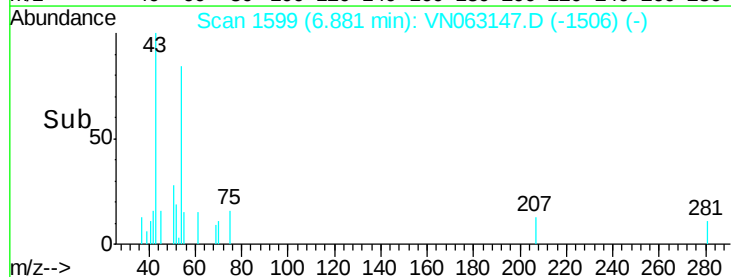
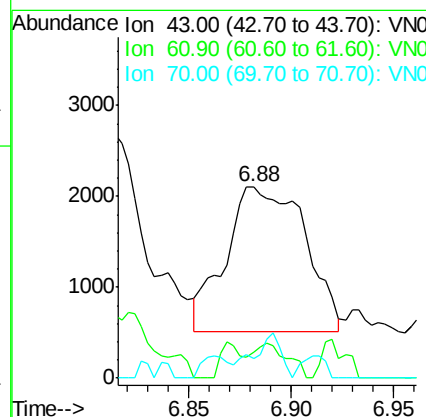
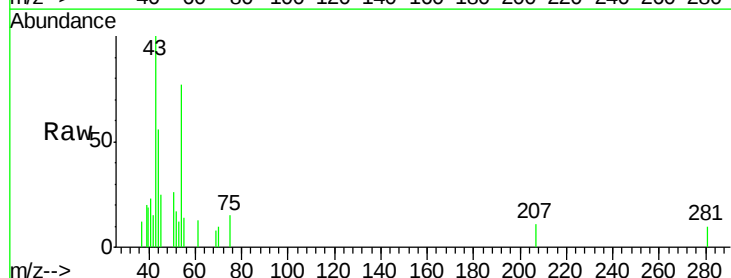
Manual Integrations
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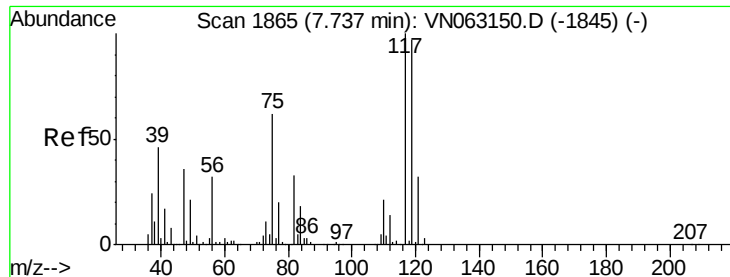
MMDadoda
 9/1/2020 9:07:01 AM



#37
 Ethyl Acetate
 Concen: 0.722 ug/l m
 RT: 6.88 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.0	10.2	15.4#
70	10.6	3.0	4.6#





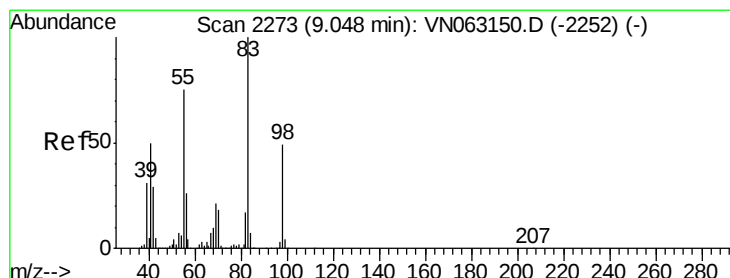
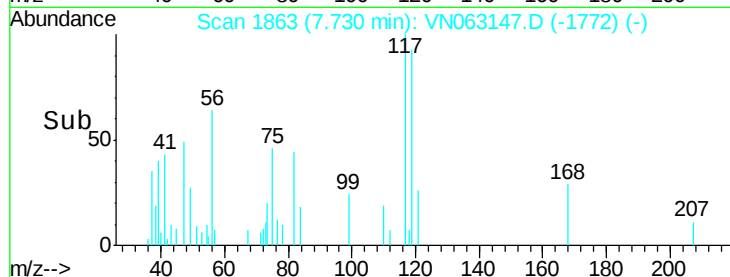
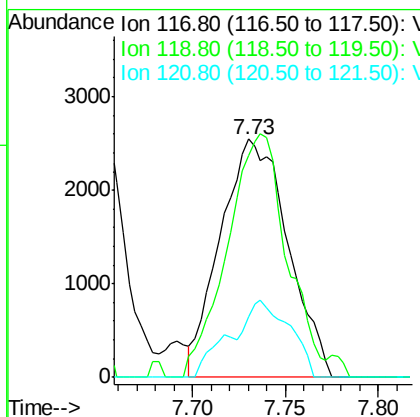
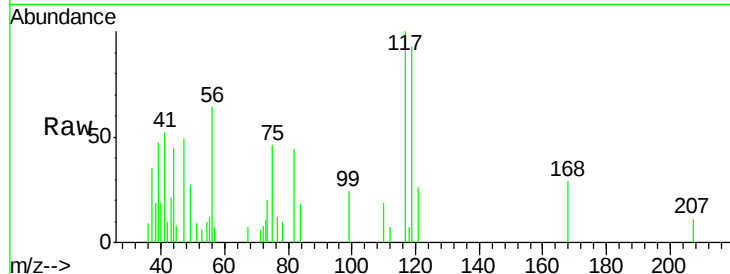
#38
Carbon Tetrachloride
Concen: 0.734 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	84.7	77.2	115.8
121	25.7	25.6	38.4

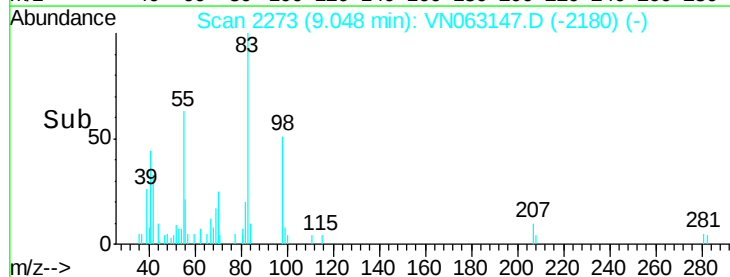
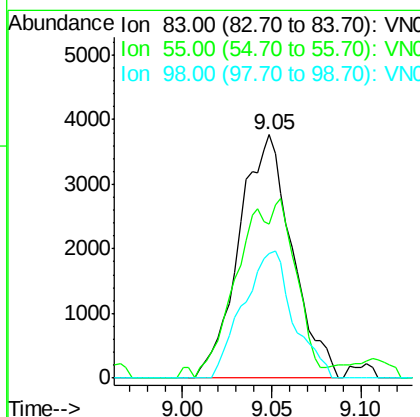
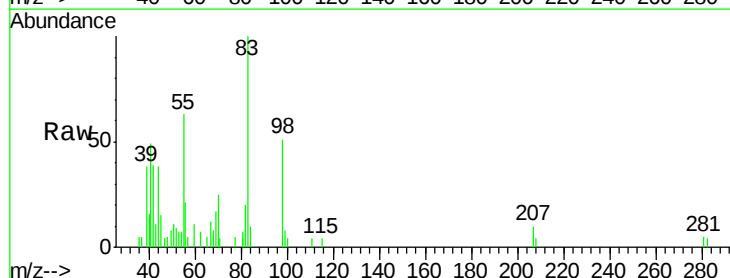
Manual Integrations
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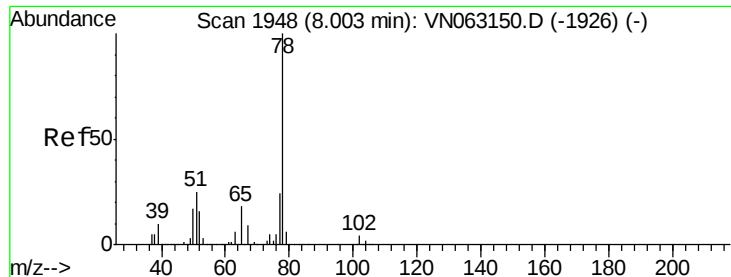
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#39
Methylcyclohexane
Concen: 0.913 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	59.0	60.3	90.5#
98	51.4	38.9	58.3





#40

Benzene

Concen: 0.803 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 20016

Ion Ratio Lower Upper

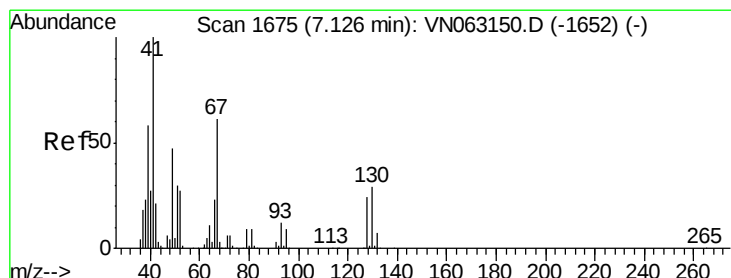
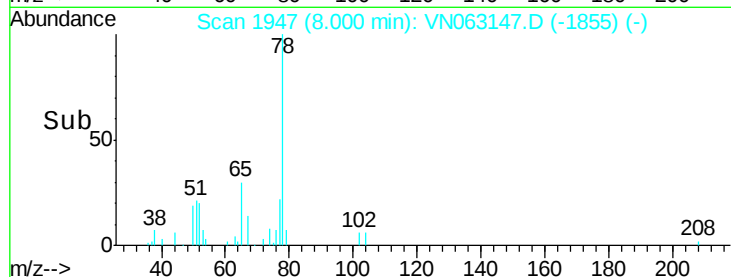
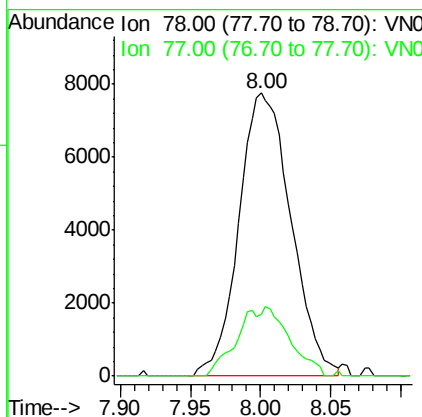
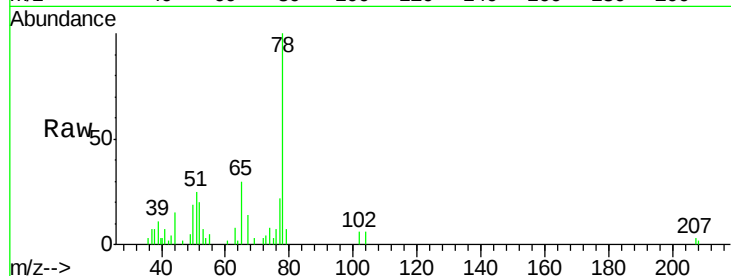
78 100

77 22.0 19.3 28.9

Manual Integrations
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9/1/2020 9:07:01 AM



#41

Methacrylonitrile

Concen: 0.847 ug/l

RT: 7.13 min Scan# 1677

Delta R.T. 0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Tgt Ion: 41 Resp: 2503

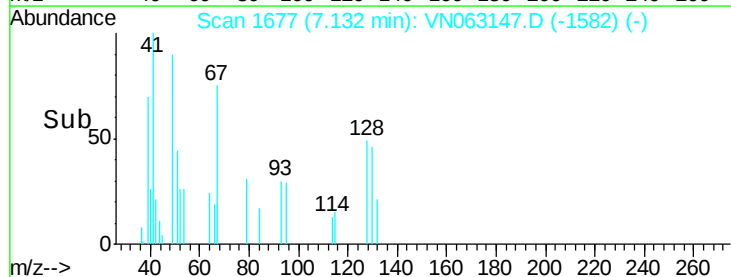
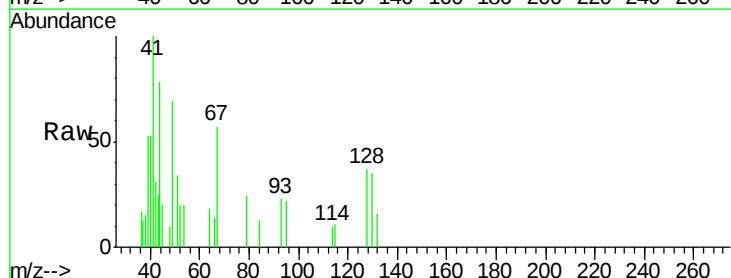
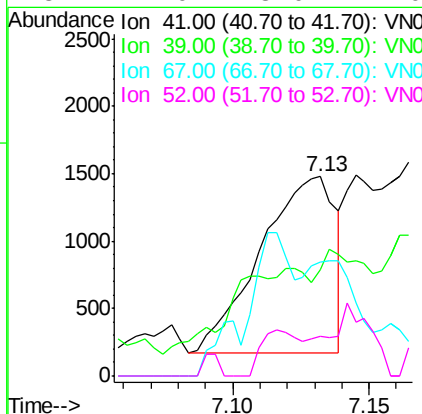
Ion Ratio Lower Upper

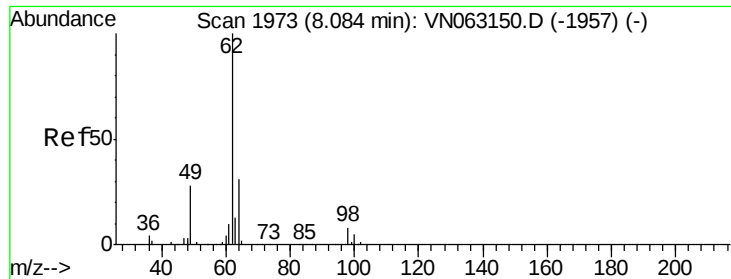
41 100

39 31.0 46.6 70.0#

67 0.0 62.6 94.0#

52 17.0 28.0 42.0#





#42

1,2-Dichloroethane

Concen: 0.903 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 7618

Ion Ratio Lower Upper

62 100

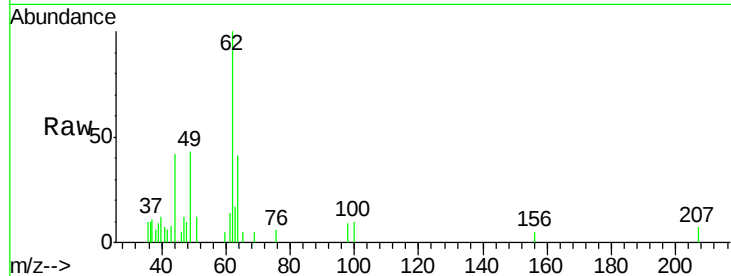
98 7.4 0.0 17.2

Manual Integrations

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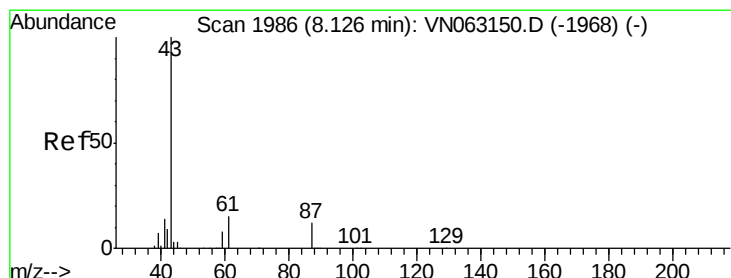
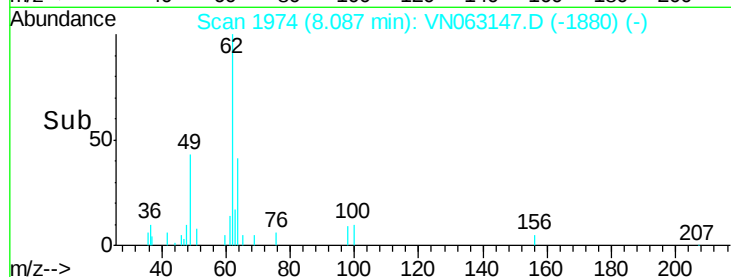
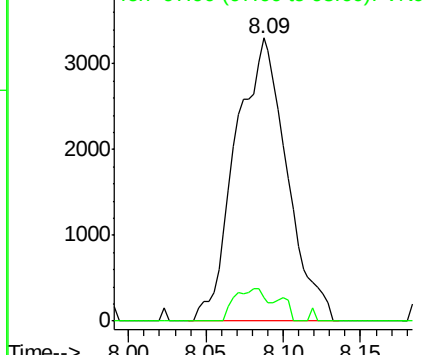
MMDadoda

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Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 0.985 ug/l

RT: 8.12 min Scan# 1984

Delta R.T. -0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

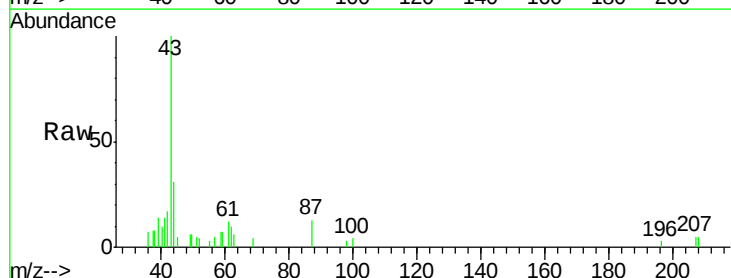
Tgt Ion: 43 Resp: 10241

Ion Ratio Lower Upper

43 100

61 11.4 20.2 30.4#

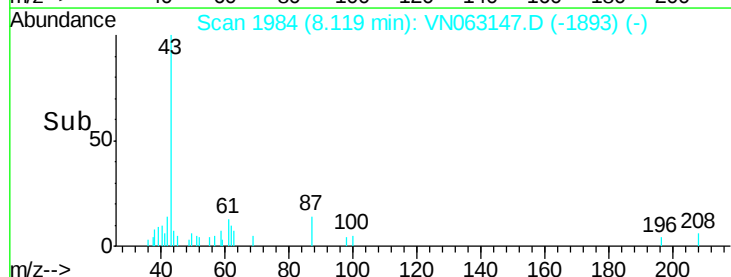
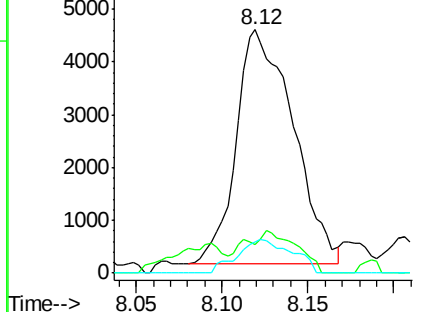
87 13.6 9.8 14.6

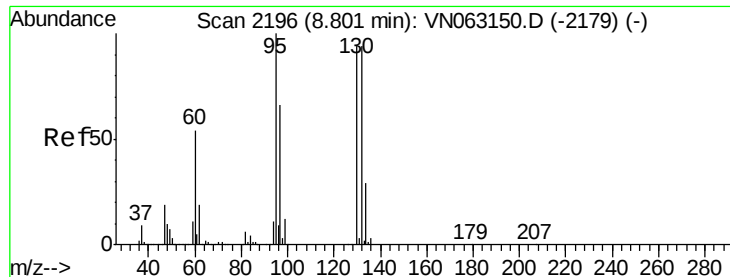


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#44

Trichloroethene

Concen: 0.716 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 4638

Ion Ratio Lower Upper

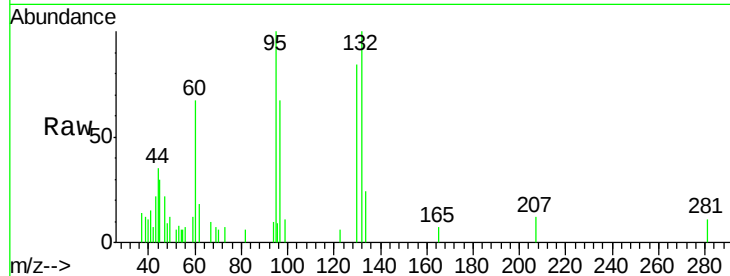
130 100

95 118.9 0.0 212.0

Manual Integrations
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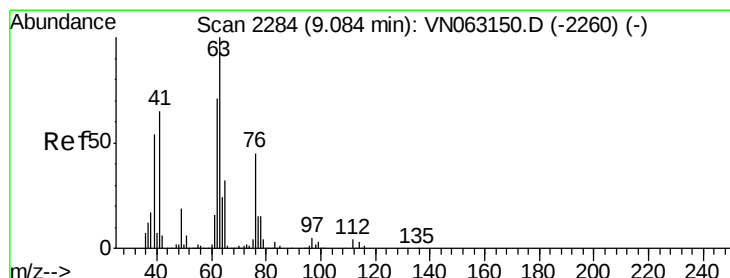
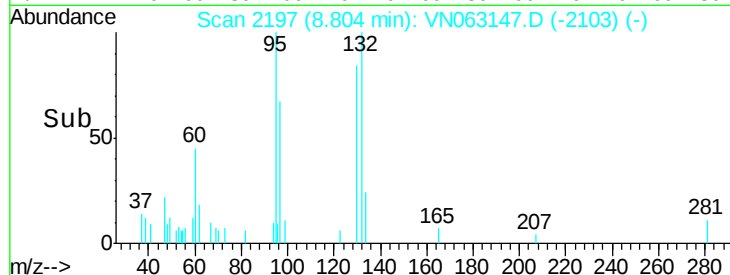
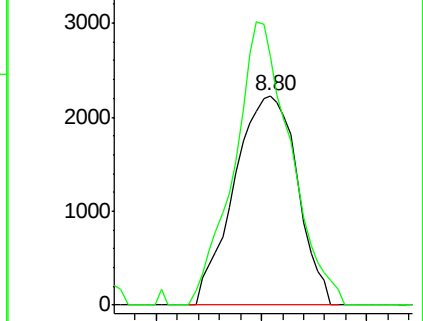
MMDadoda

9/1/2020 9:07:01 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 0.772 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063147.D

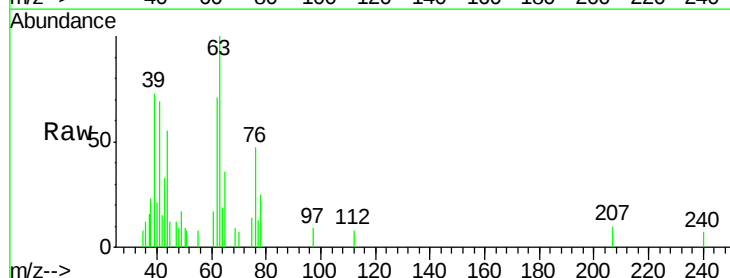
Acq: 31 Aug 2020 12:54

Tgt Ion: 63 Resp: 5182

Ion Ratio Lower Upper

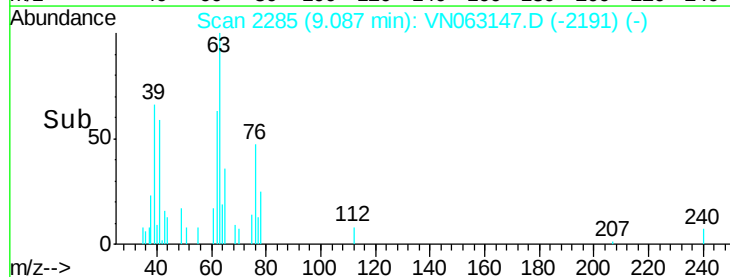
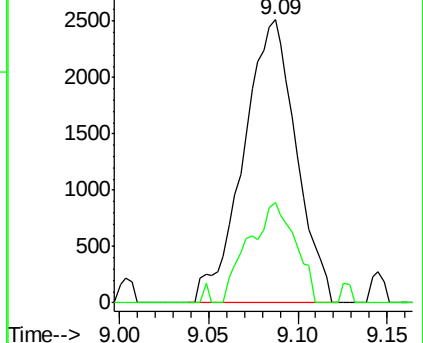
63 100

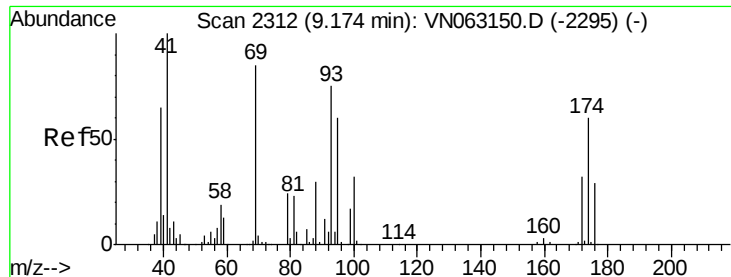
65 35.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





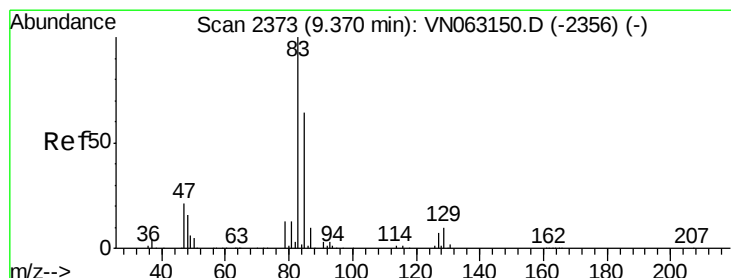
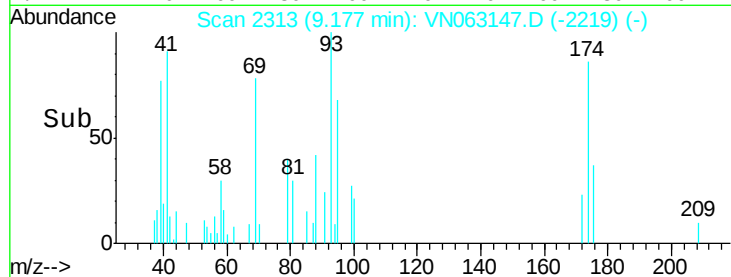
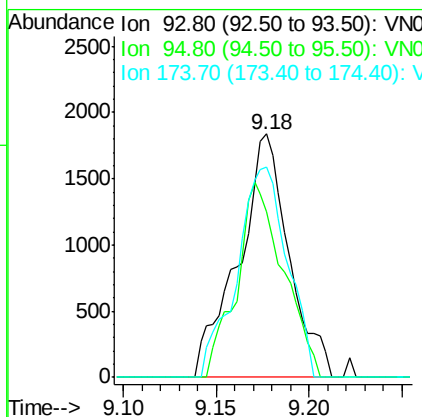
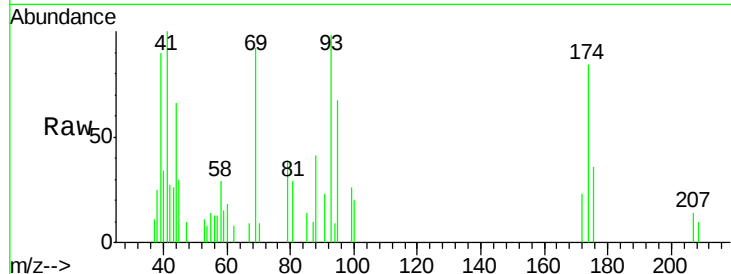
#46
Dibromomethane
Concen: 0.831 ug/l
RT: 9.18 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	73.5	65.2	97.8
174	85.8	64.6	97.0

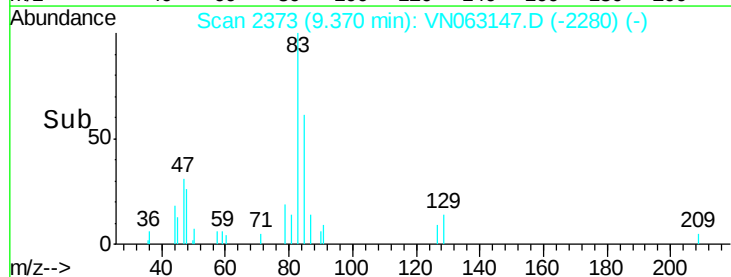
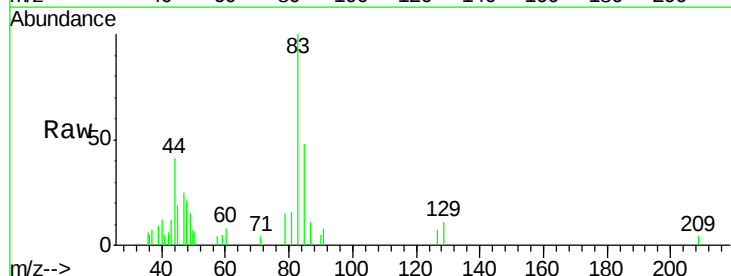
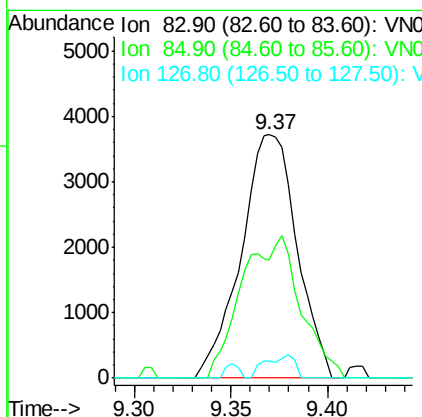
Manual Integrations
APPROVED

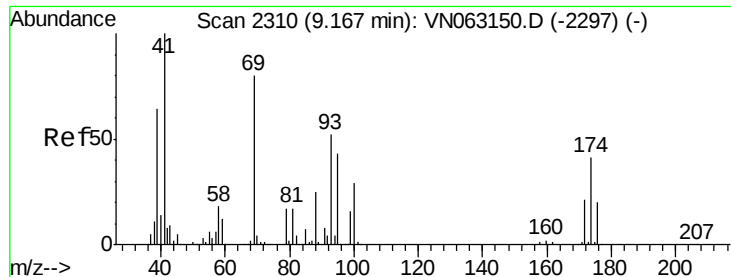
MMDadoda
9/1/2020 9:07:01 AM



#47
Bromodichloromethane
Concen: 0.853 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	48.5	51.0	76.6#
127	7.1	5.7	8.5





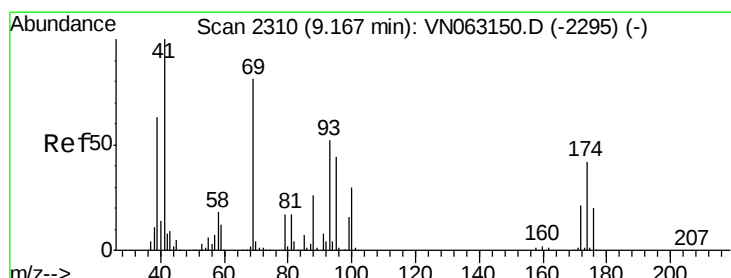
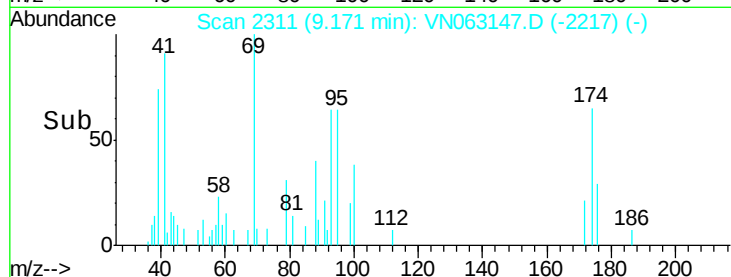
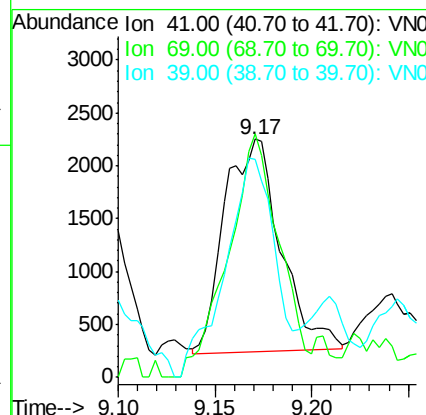
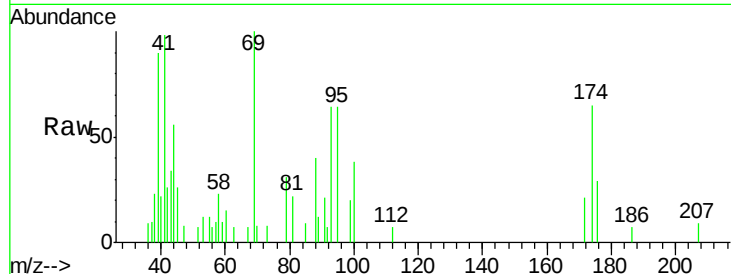
#48
Methvl methacrylate
Concen: 0.794 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	103.8	65.9	98.9#
39	90.4	52.0	78.0#

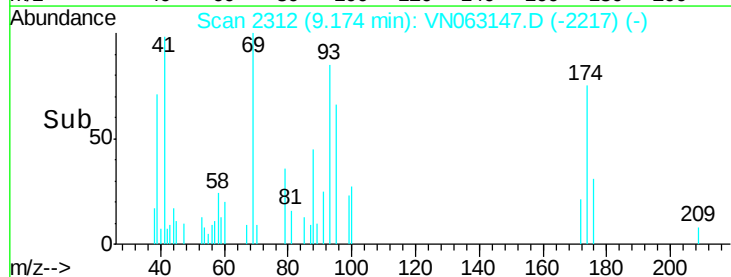
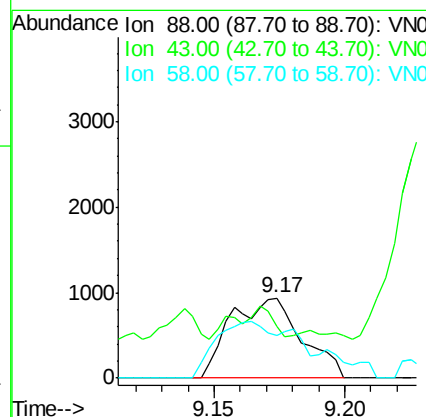
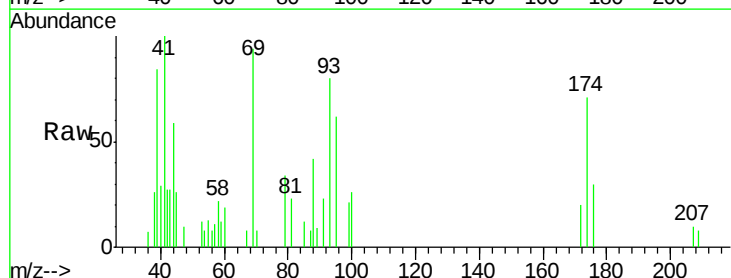
Manual Integrations
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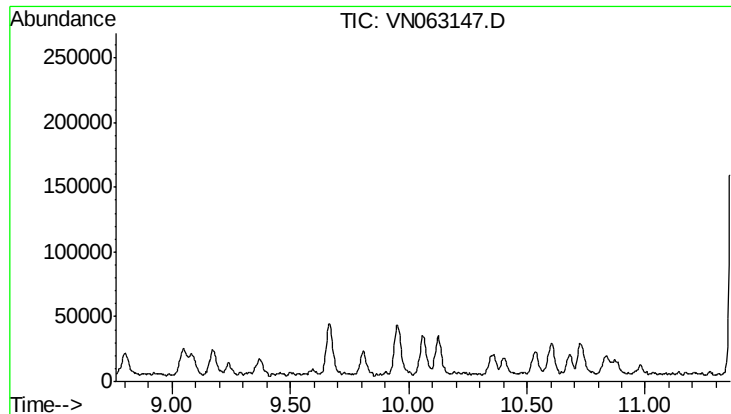
MMDadoda
9/1/2020 9:07:01 AM



#49
1,4-Dioxane
Concen: 24.205 ug/l m
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8#
58	0.0	53.2	79.8#





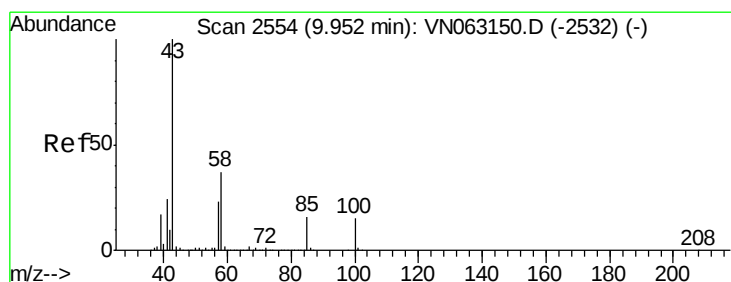
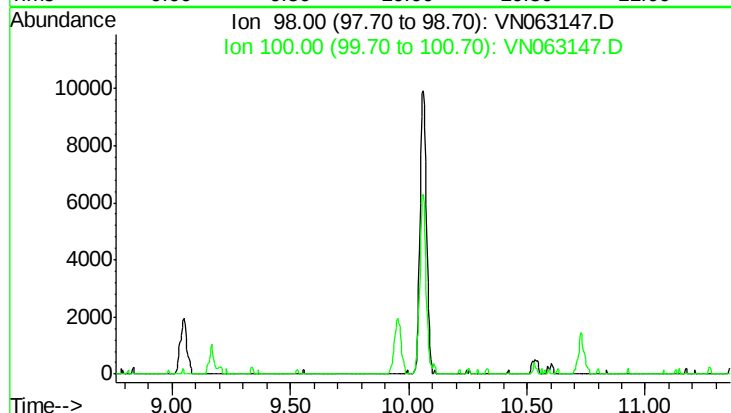
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.0

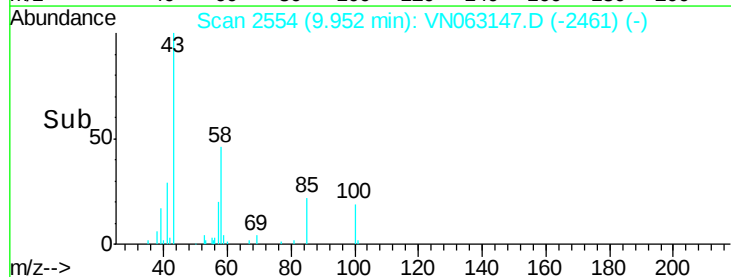
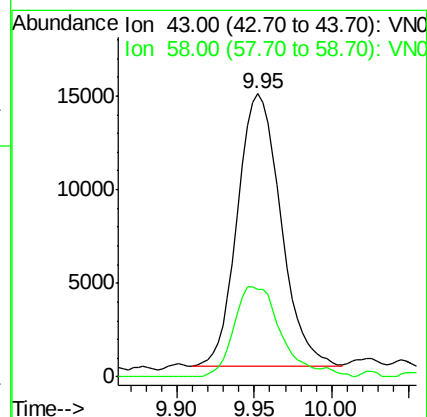
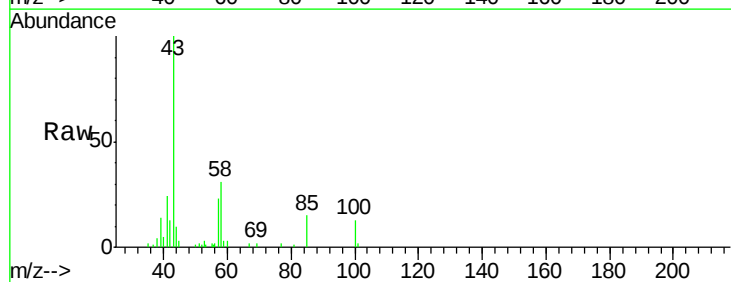
Manual Integrations
APPROVED

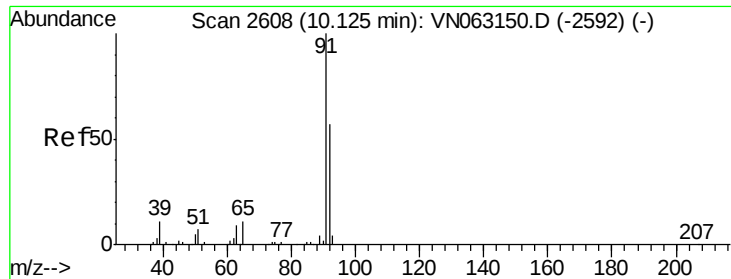
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.901 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 43 Resp: 28375
Ion Ratio Lower Upper
43 100
58 36.4 29.2 43.8





#52

Toluene

Concen: 0.807 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 11972

Ion Ratio Lower Upper

92 100

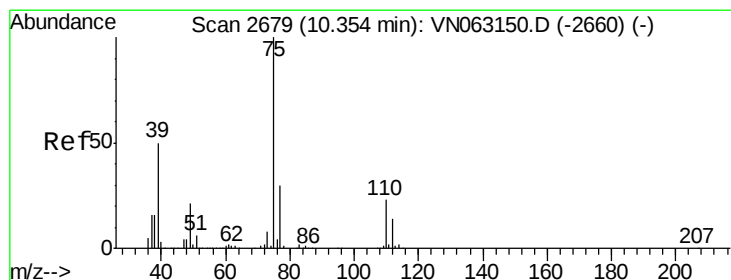
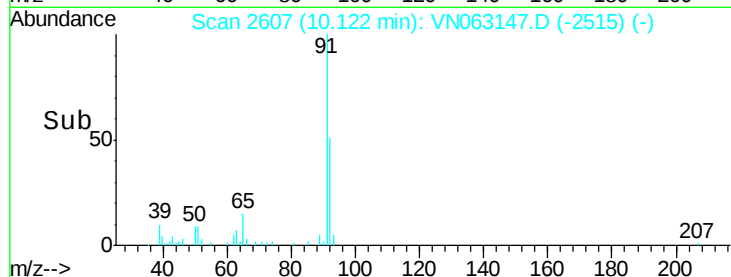
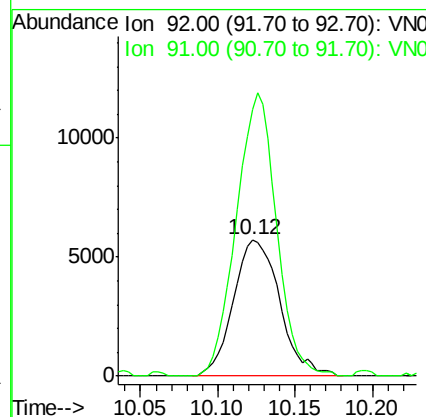
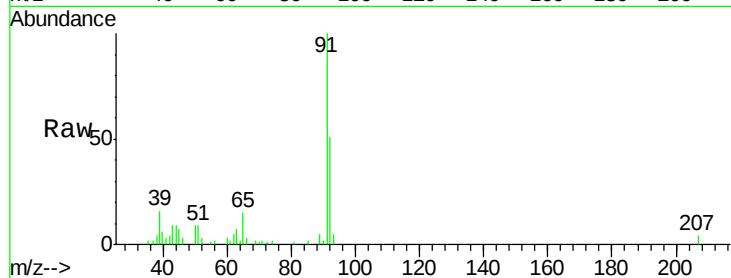
91 179.9 141.2 211.8

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.868 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063147.D

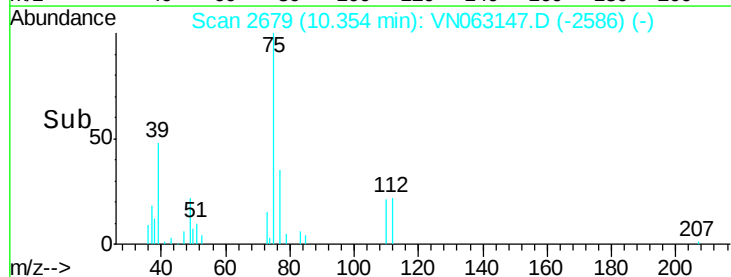
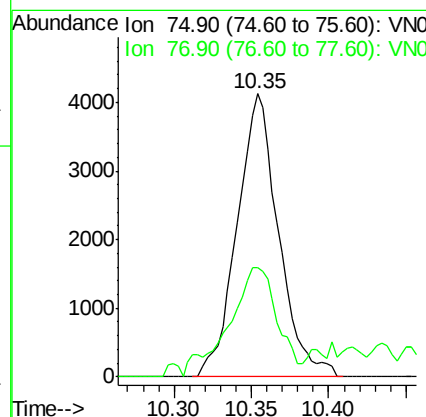
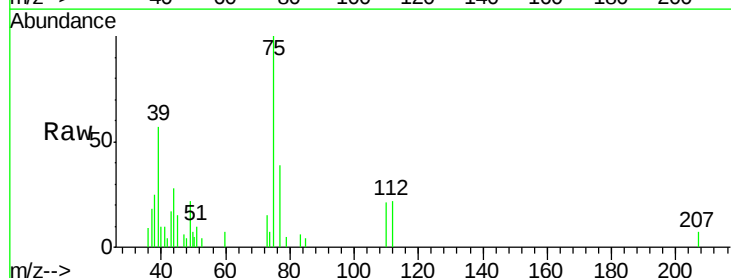
Acq: 31 Aug 2020 12:54

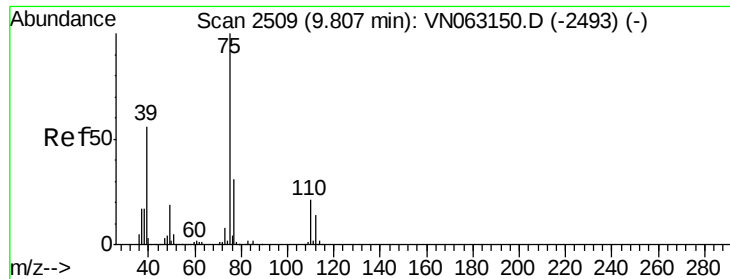
Tgt Ion: 75 Resp: 7652

Ion Ratio Lower Upper

75 100

77 31.1 24.2 36.2





#54

cis-1,3-Dichloropropene

Concen: 0.821 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

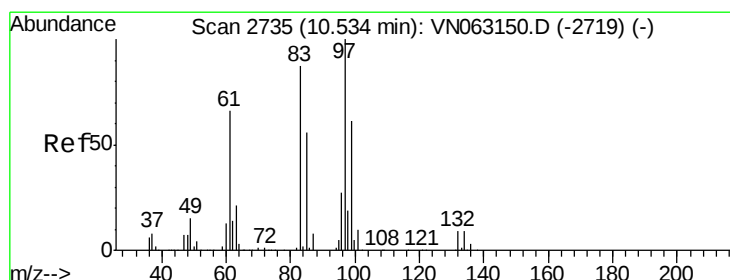
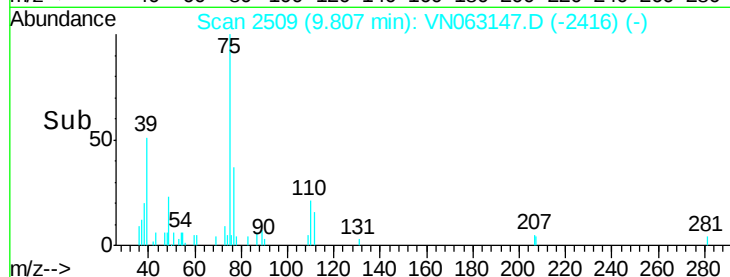
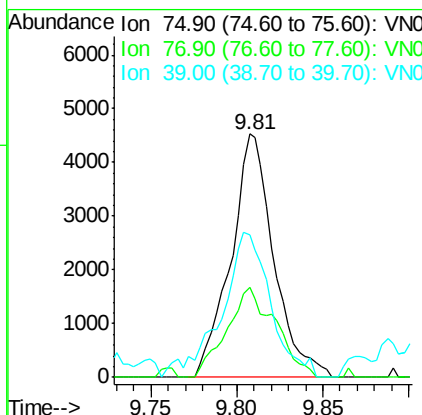
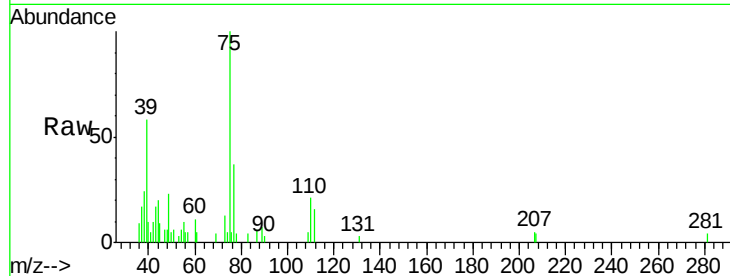
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	7867
Ion	Ratio	Lower	Upper
75	100		
77	37.2	24.8	37.2
39	58.4	45.0	67.6

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 0.802 ug/l

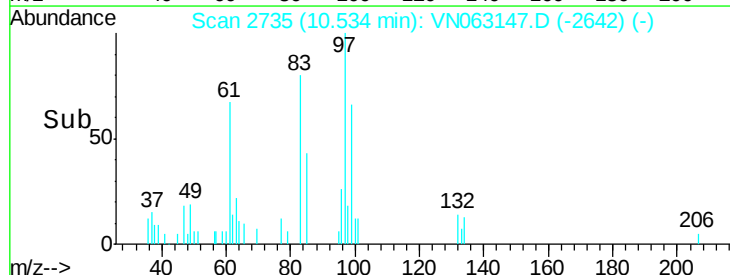
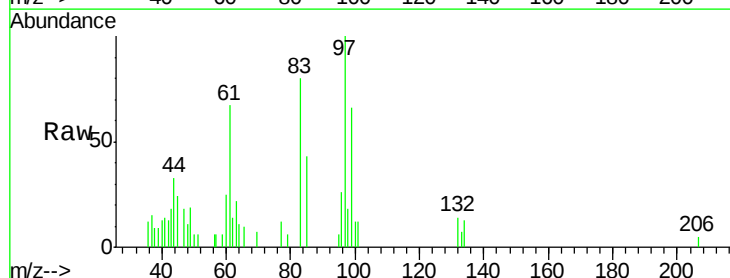
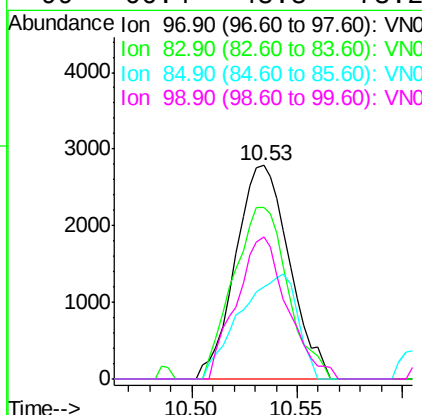
RT: 10.53 min Scan# 2735

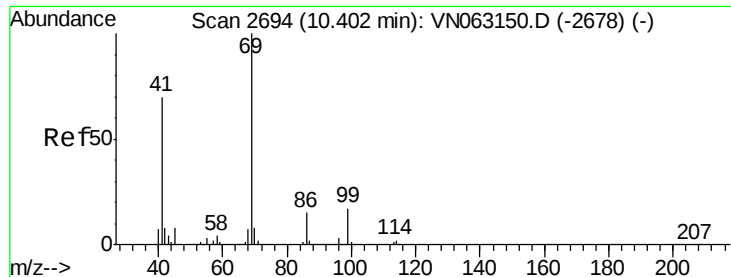
Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Tgt Ion:	97	Resp:	4939
Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.8	104.8
85	43.0	44.9	67.3#
99	66.4	48.8	73.2





#56

Ethyl methacrylate

Concen: 0.934 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

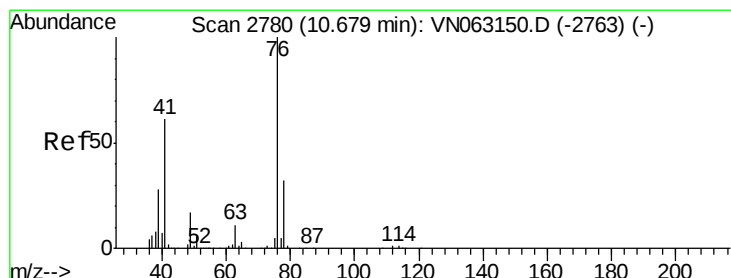
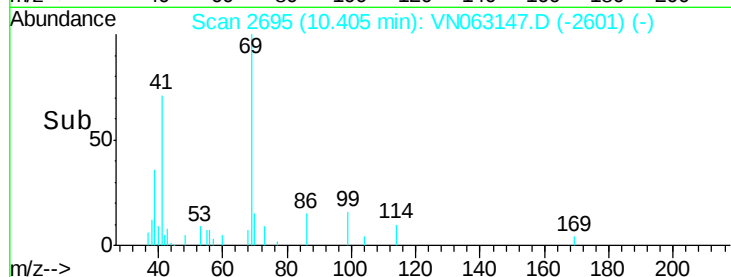
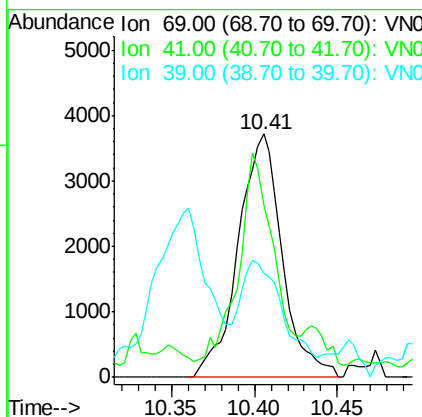
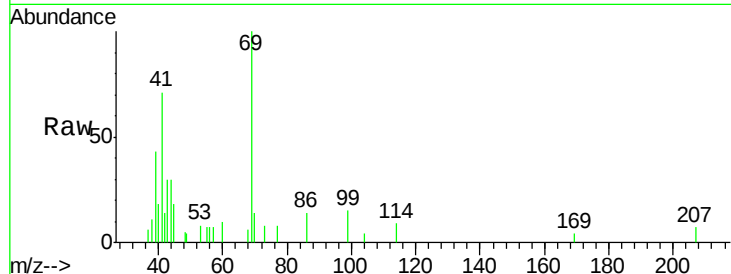
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	6868
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.5	83.3
39	34.3	38.2	57.2#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.847 ug/l

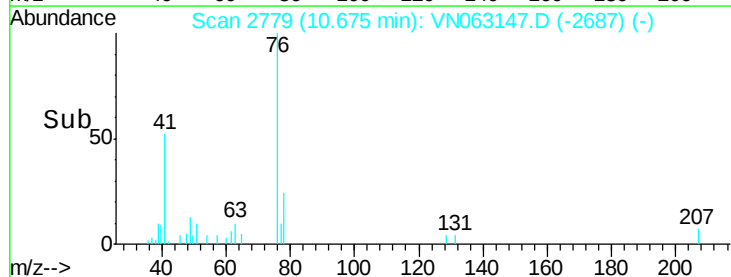
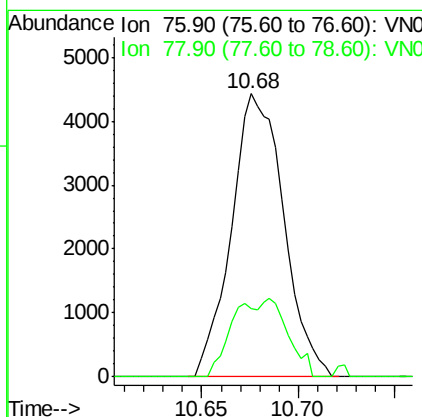
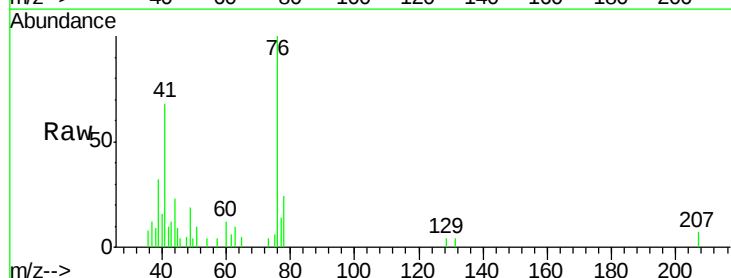
RT: 10.68 min Scan# 2779

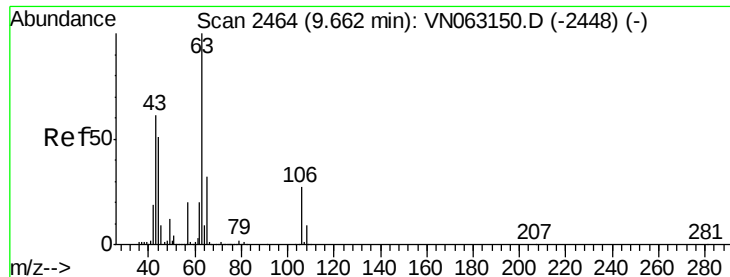
Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Tgt Ion:	76	Resp:	8311
Ion	Ratio	Lower	Upper
76	100		
78	14.7	25.5	38.3#





#58

2-Chloroethyl Vinyl ether

Concen: 5.096 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 63 Resp: 17380

Ion Ratio Lower Upper

63 100

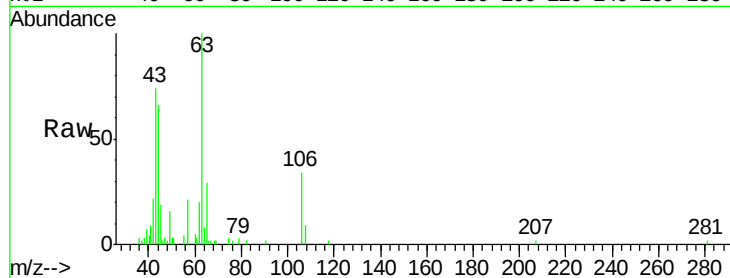
106 28.7 21.8 32.6

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

10000

8000

6000

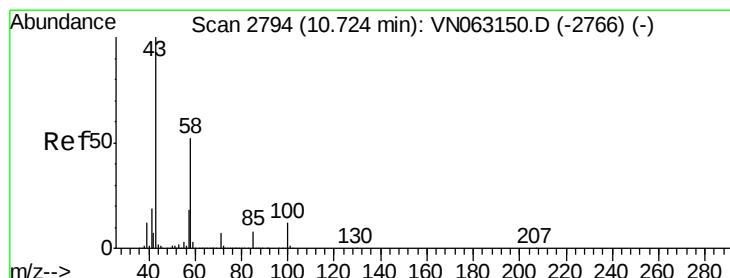
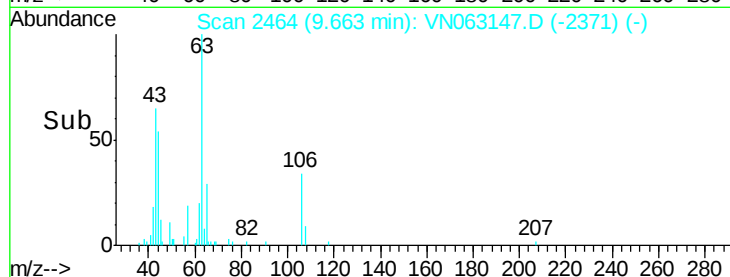
4000

2000

0

9.60 9.65 9.70 9.75

Time-->



#59

2-Hexanone

Concen: 4.273 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063147.D

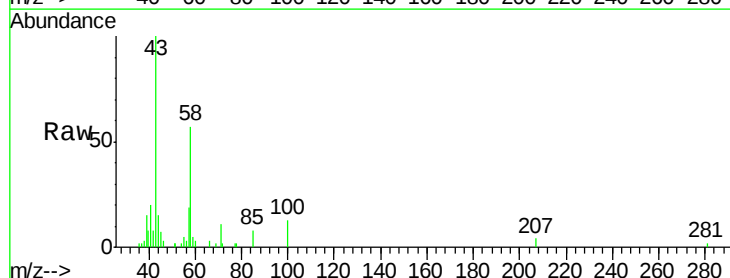
Acq: 31 Aug 2020 12:54

Tgt Ion: 43 Resp: 16788

Ion Ratio Lower Upper

43 100

58 52.1 25.9 77.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.72

10000

8000

6000

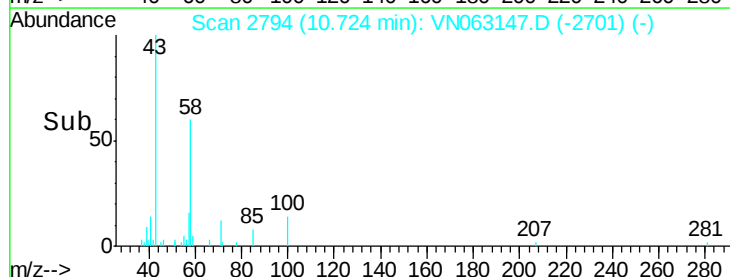
4000

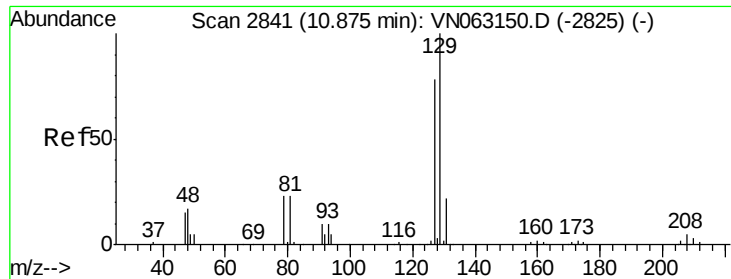
2000

0

10.65 10.70 10.75 10.80

Time-->





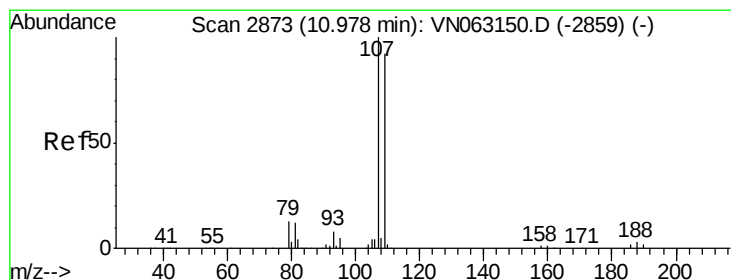
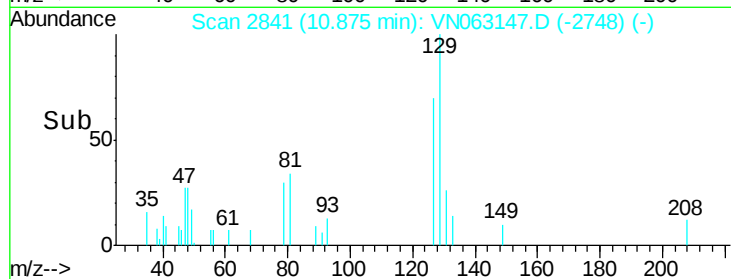
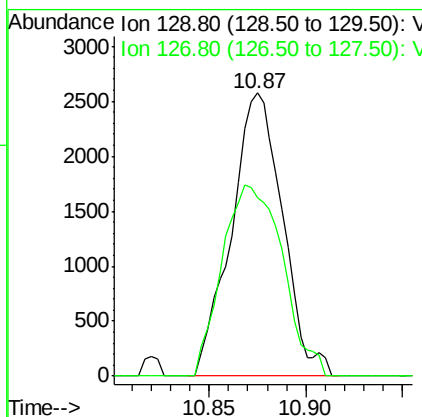
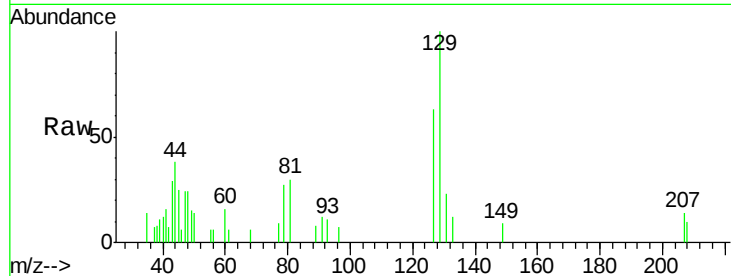
#60
Dibromochloromethane
Concen: 0.706 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:129 Resp: 4751
Ion Ratio Lower Upper
129 100
127 79.3 39.0 117.0

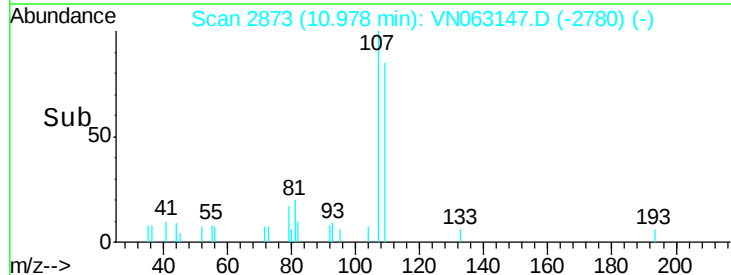
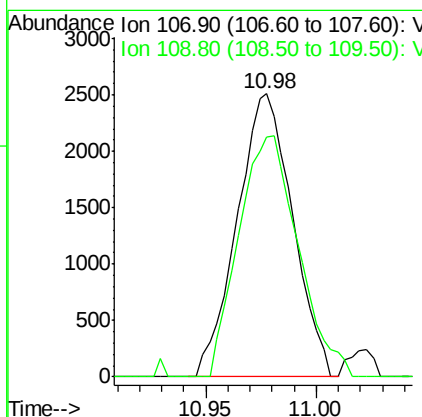
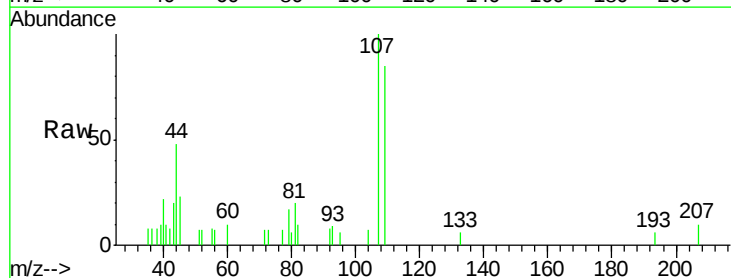
Manual Integrations
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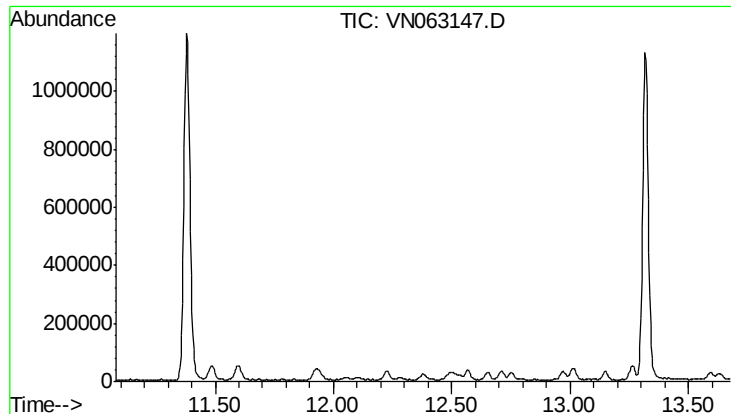
MMDadoda
9/1/2020 9:07:01 AM



#61
1,2-Dibromoethane
Concen: 0.756 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion:107 Resp: 4387
Ion Ratio Lower Upper
107 100
109 91.1 73.4 110.0





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Tot Ion: 95

Sig Exp Ratio

95 100

174 71.9

176 69.2

Instrument :

MSVOA_N

ClientSampleId :

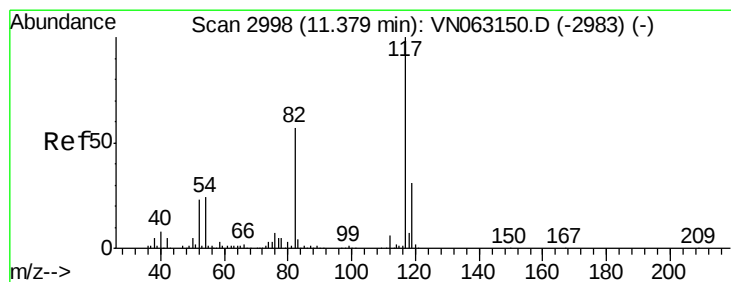
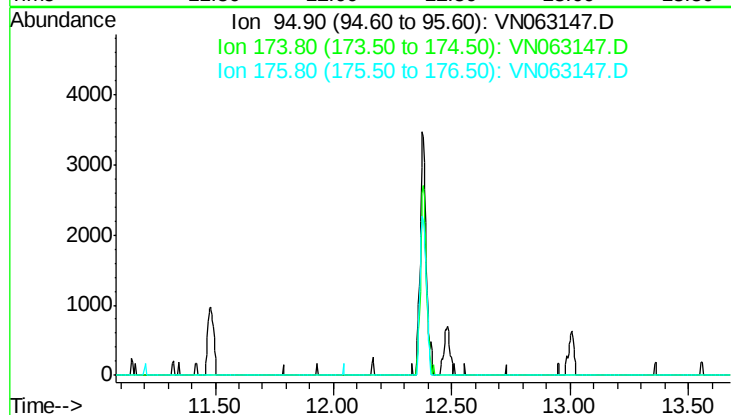
VSTDIC001

Manual Integrations

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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: VN063147.D

Acq: 31 Aug 2020 12:54

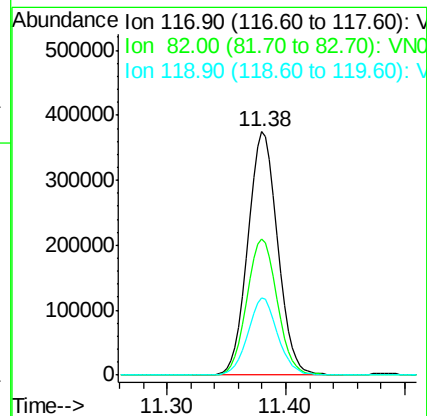
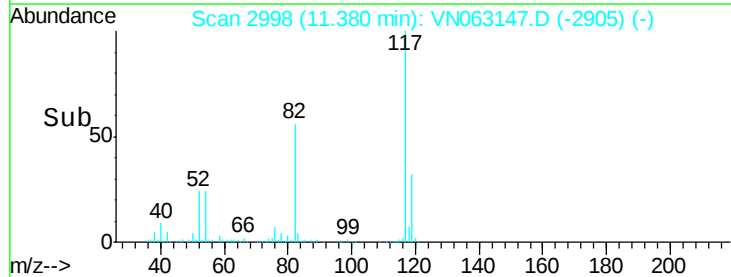
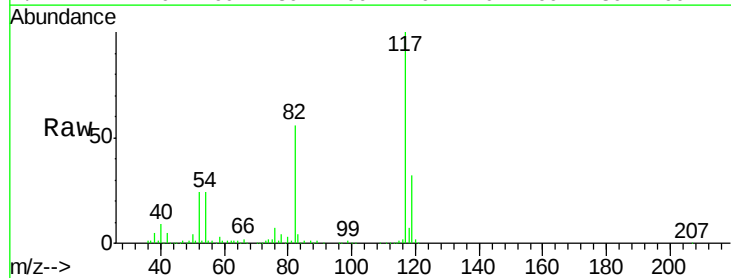
Tgt Ion: 117 Resp: 650825

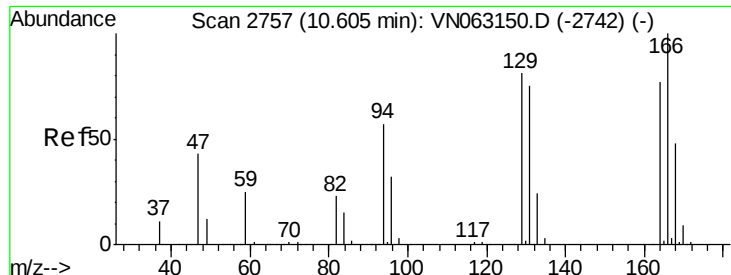
Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

119 31.7 24.6 37.0





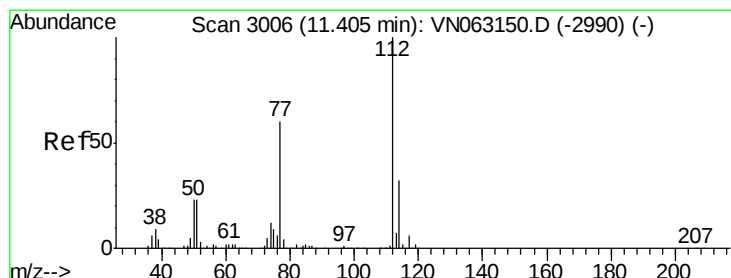
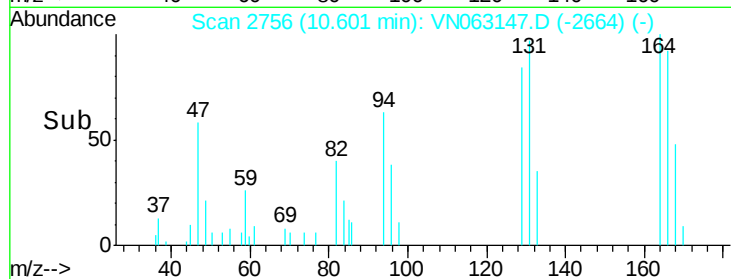
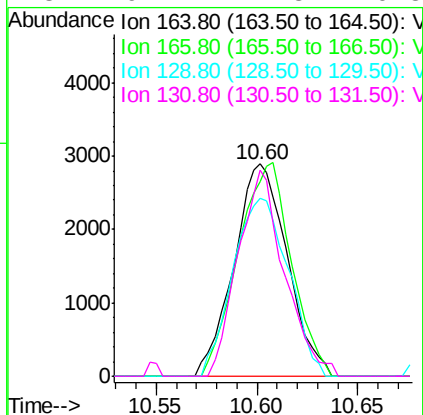
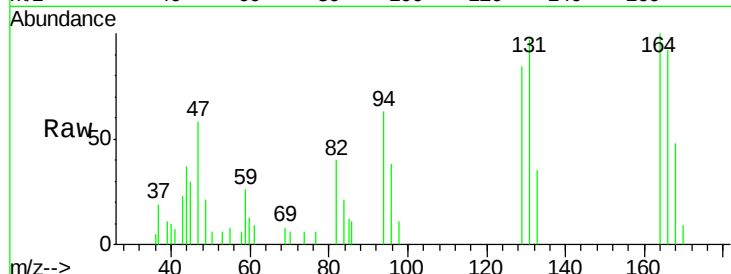
#64
Tetrachloroethene
Concen: 0.935 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	92.0	103.4	155.2#
129	84.2	83.4	125.0
131	97.4	77.8	116.8

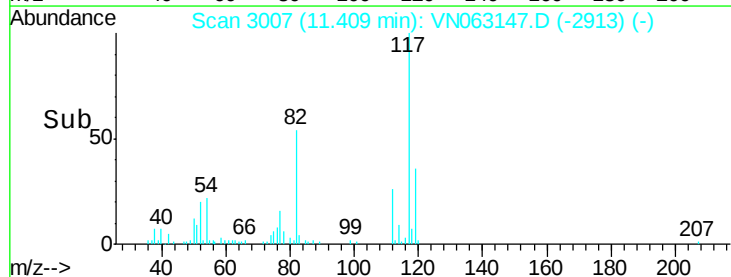
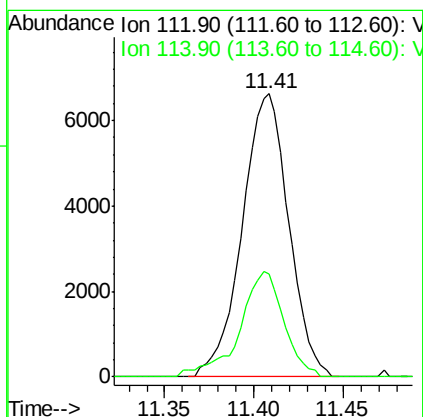
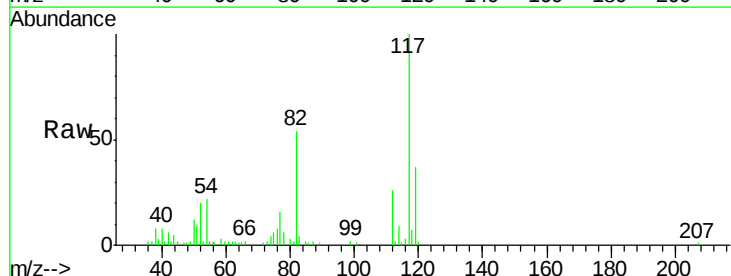
Manual Integrations
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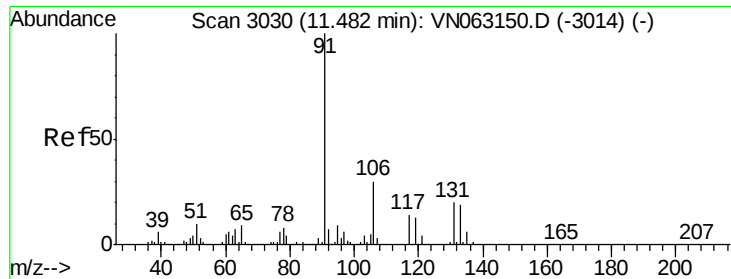
MMDadoda
9/1/2020 9:07:01 AM



#65
Chlorobenzene
Concen: 0.756 ug/l
RT: 11.41 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.4	25.2	37.8





#66

1,1,1,2-Tetrachloroethane

Concen: 0.715 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

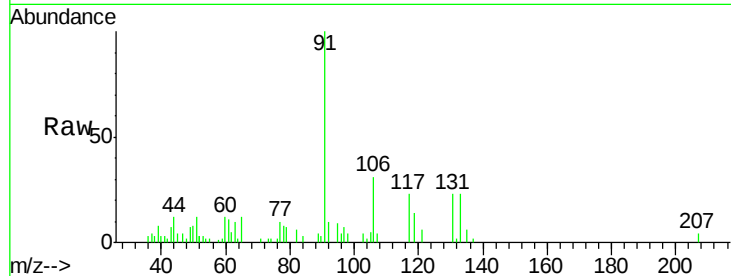
ClientSampleId :

VSTDIC001

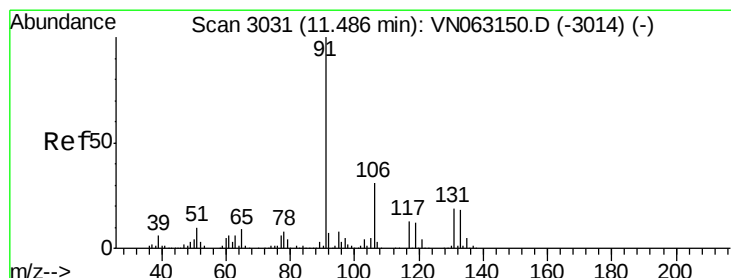
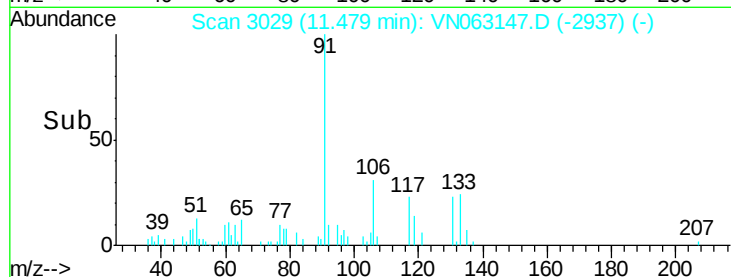
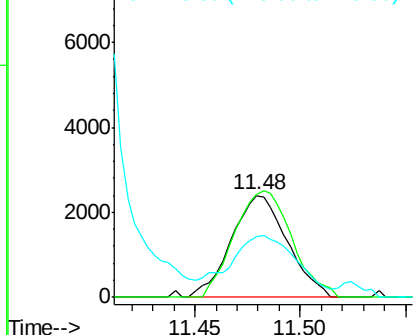
Tot Ion	Ratio	Lower	Upper
131	100		
133	107.2	47.3	142.0
119	0.0	32.4	97.0#

Manual Integrations
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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.830 ug/l

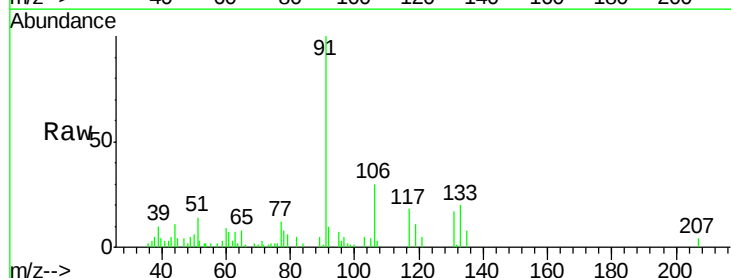
RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

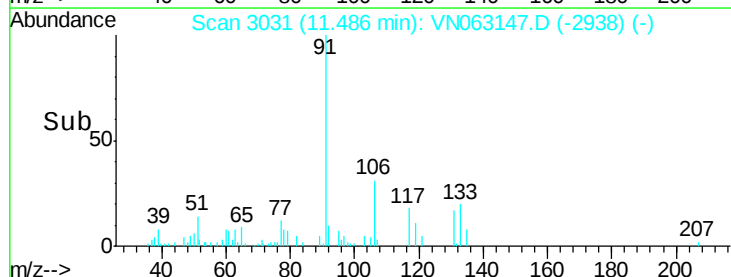
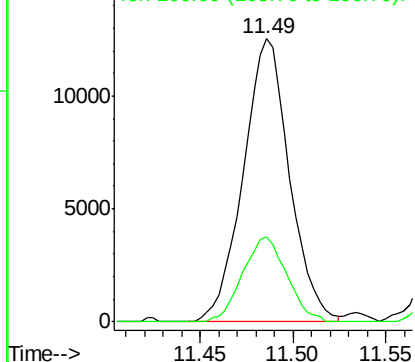
Lab File: VN063147.D

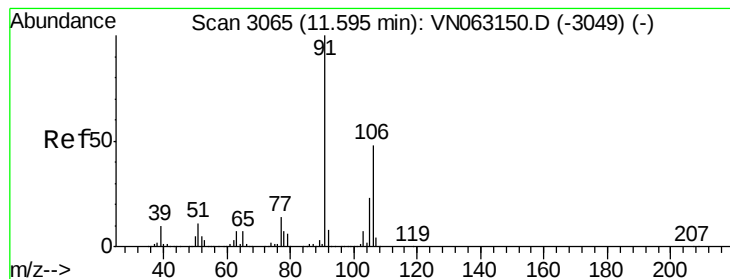
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.4	36.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.578 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:106 Resp: 15515

Ion Ratio Lower Upper

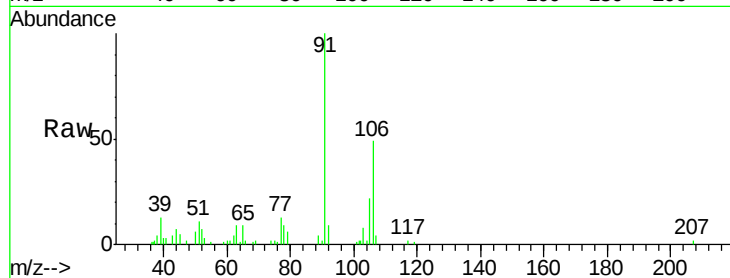
106 100

91 207.2 166.7 250.1

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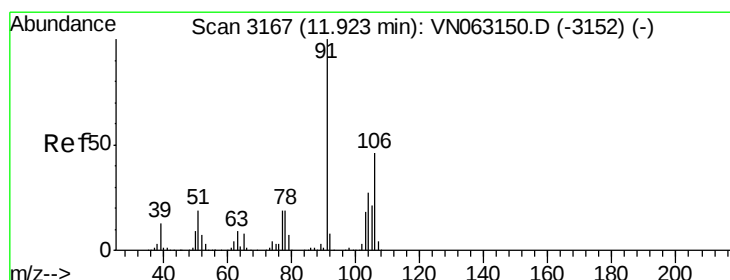
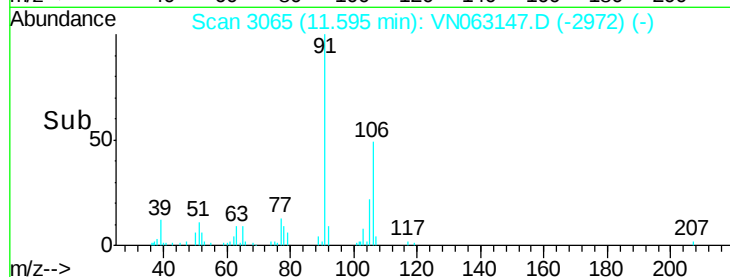
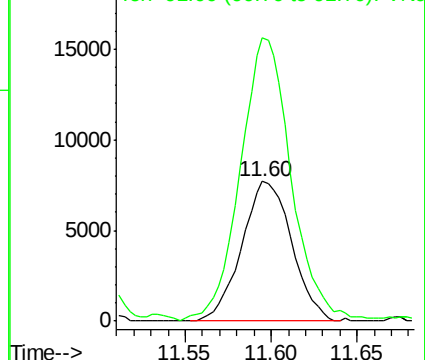
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.792 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN063147.D

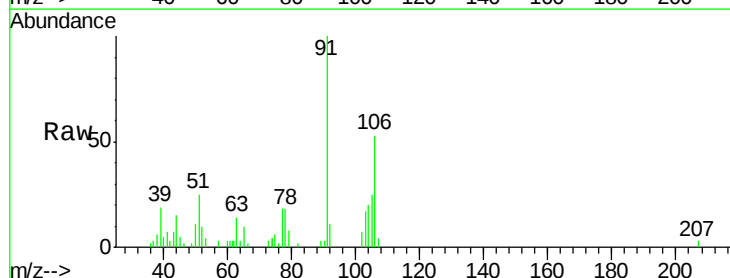
Acq: 31 Aug 2020 12:54

Tgt Ion:106 Resp: 7506

Ion Ratio Lower Upper

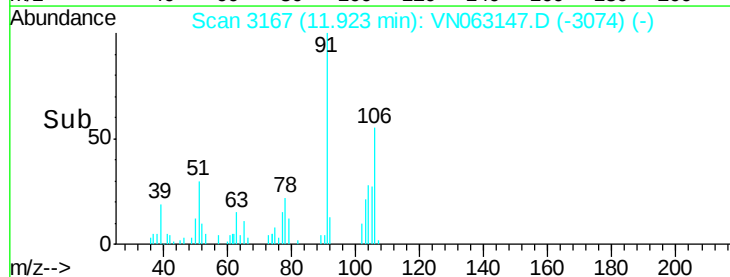
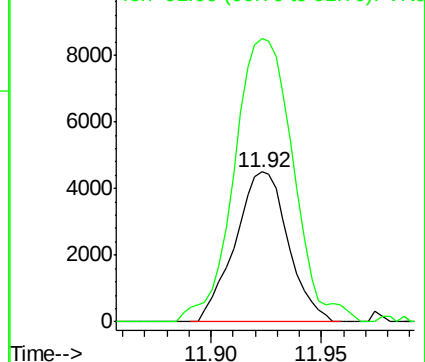
106 100

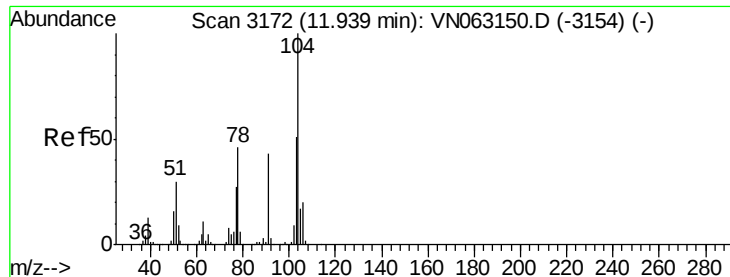
91 210.3 108.6 325.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





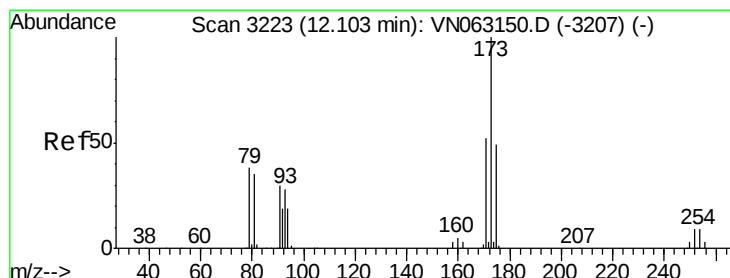
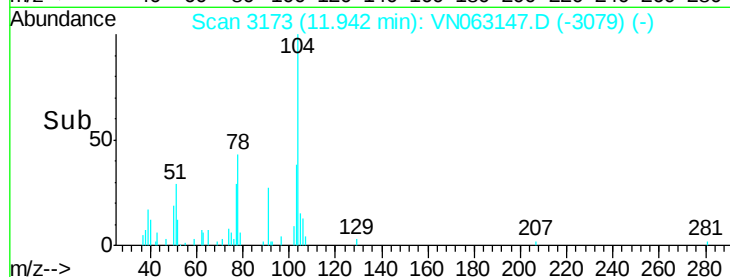
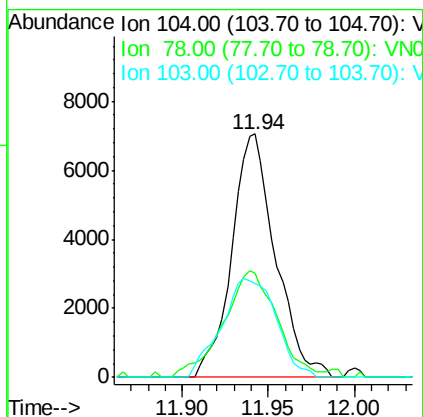
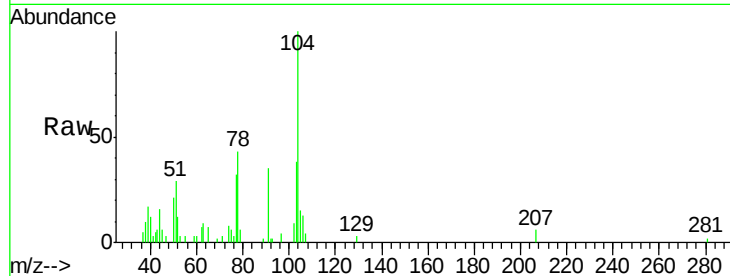
#70
Stvrene
Concen: 0.809 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.8	41.0	61.6
103	50.6	43.8	65.8

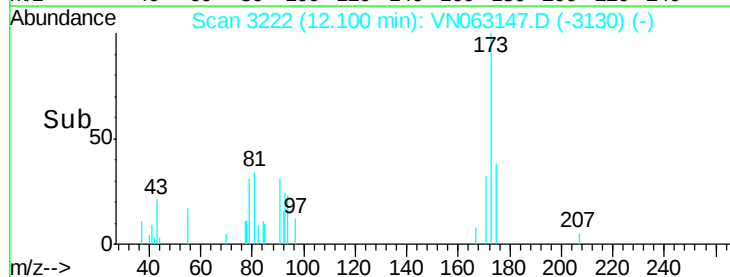
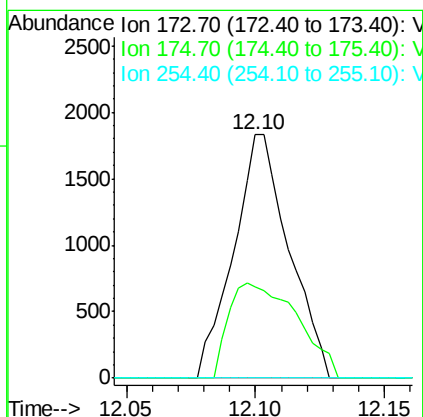
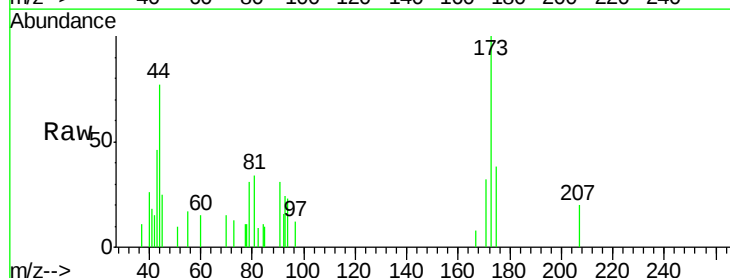
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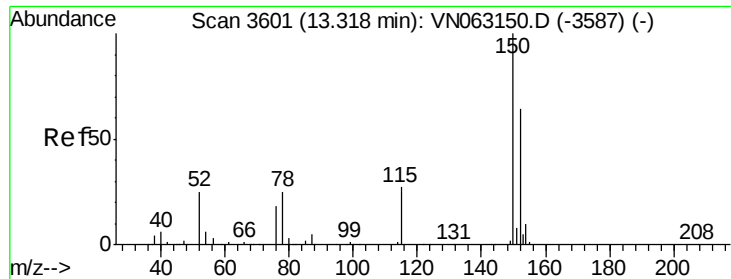
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#71
Bromoform
Concen: 0.627 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

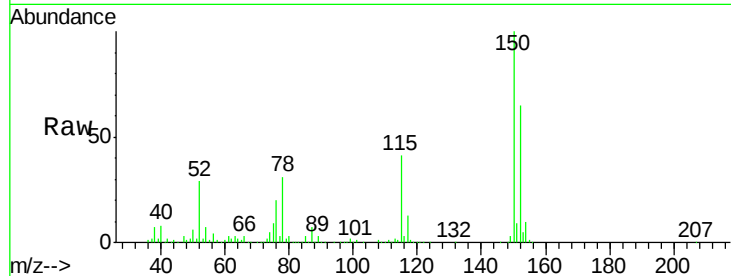
ClientSampleId :

VSTDIC001

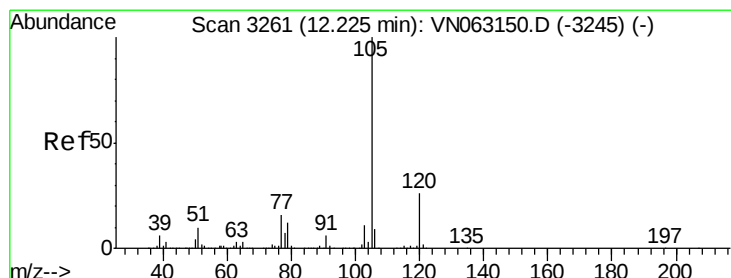
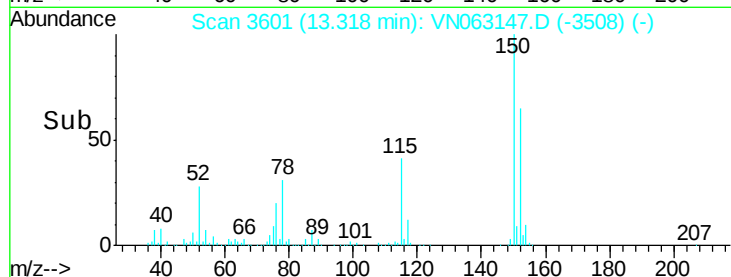
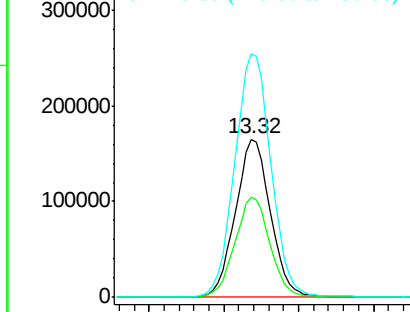
Tot Ion:	152	Resp:	269261
Ion Ratio	Lower	Upper	
152	100		
115	63.3	32.0	96.2
150	158.9	0.0	353.0

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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: 0.949 ug/l

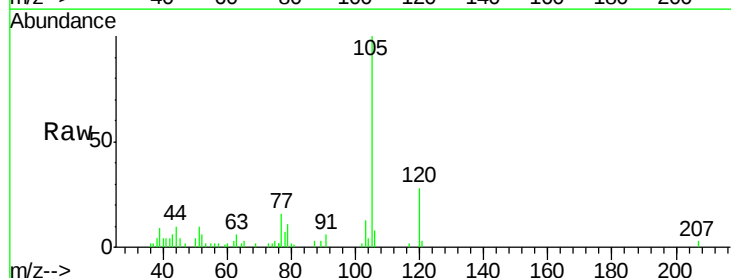
RT: 12.23 min Scan# 3262

Delta R.T. 0.00 min

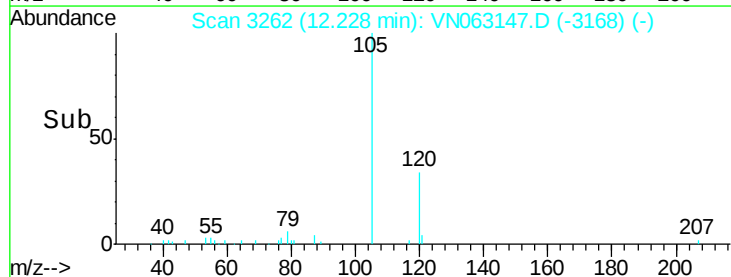
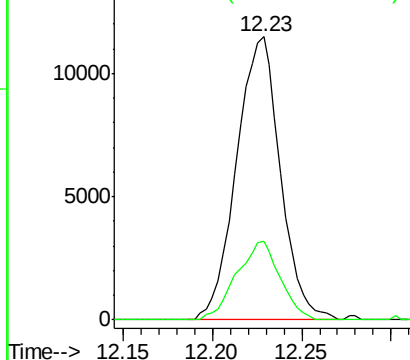
Lab File: VN063147.D

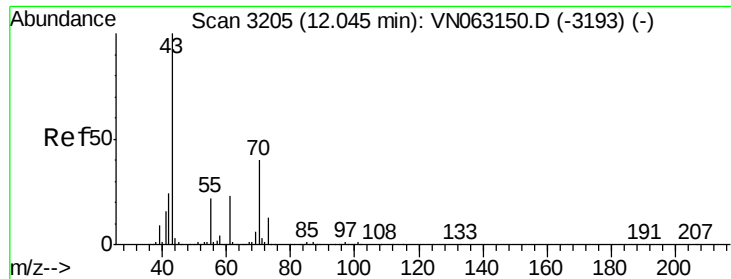
Acq: 31 Aug 2020 12:54

Tgt Ion:	105	Resp:	19705
Ion Ratio	Lower	Upper	
105	100		
120	27.6	12.9	38.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.080 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

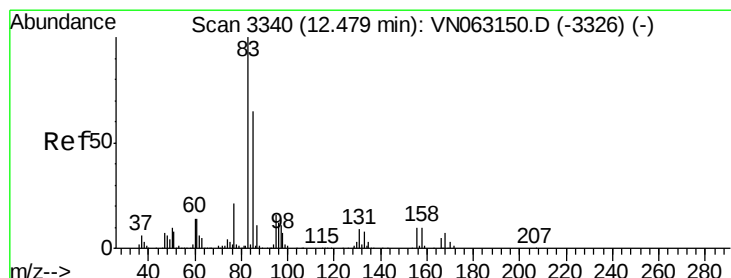
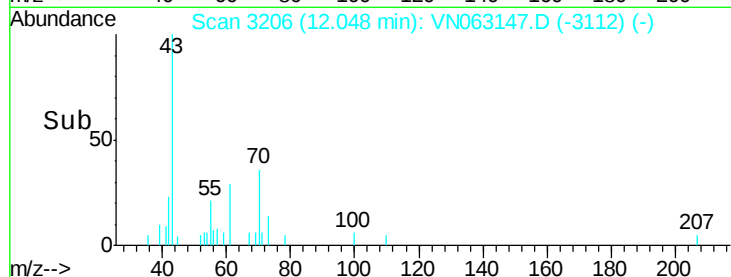
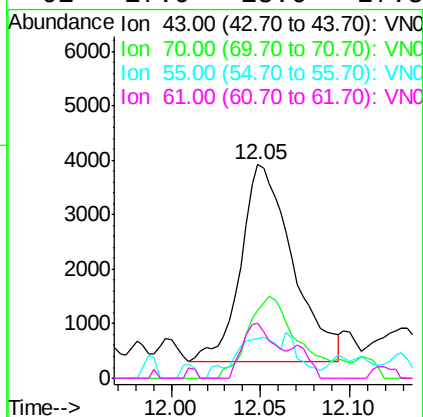
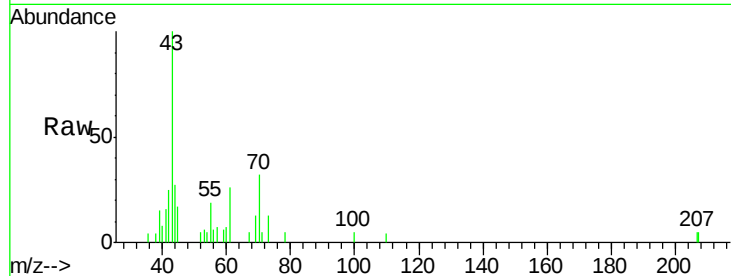
ClientSampleId :

VSTDIC001

Tot Ion	43	Resp	7287
Ion	Ratio	Lower	Upper
43	100		
70	42.1	32.1	48.1
55	17.3	17.4	26.0
61	17.9	18.6	27.8

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.921 ug/l

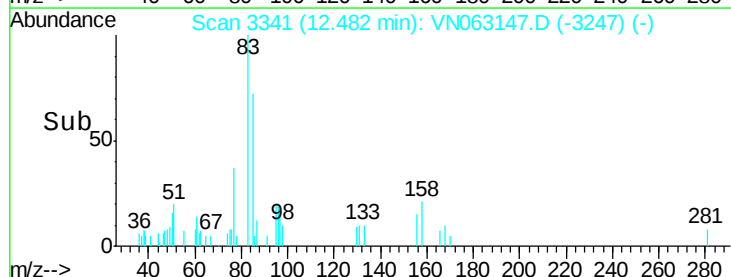
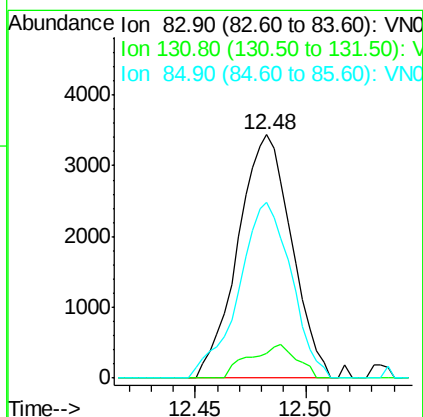
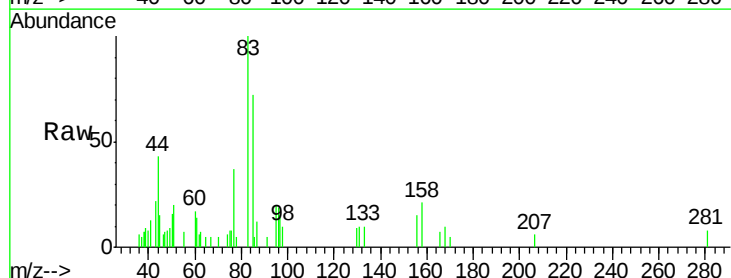
RT: 12.48 min Scan# 3341

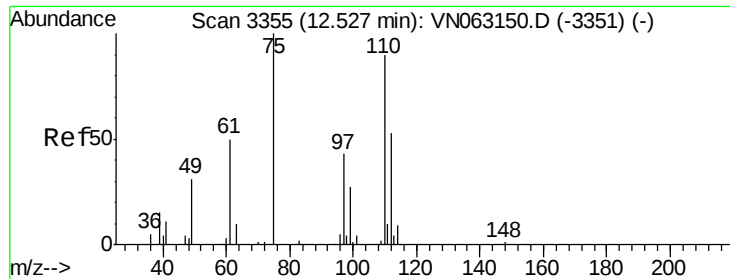
Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Tgt Ion	83	Resp	5776
Ion	Ratio	Lower	Upper
83	100		
131	12.2	4.7	14.0
85	71.0	32.7	98.1





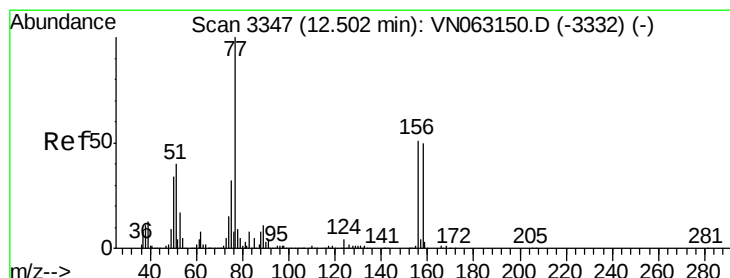
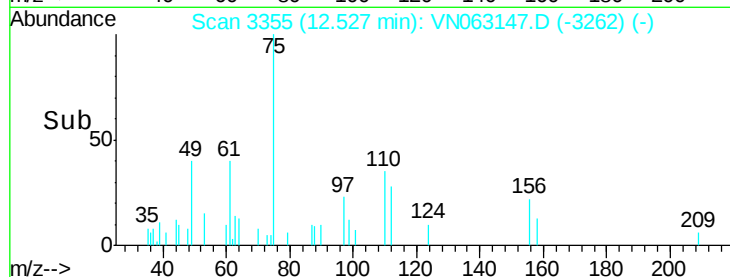
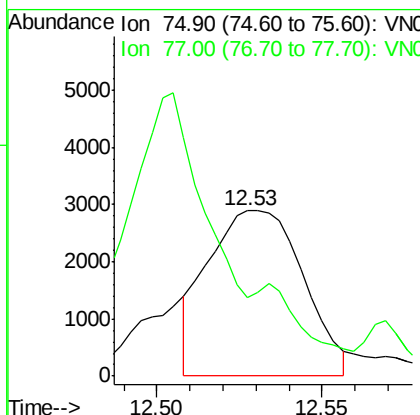
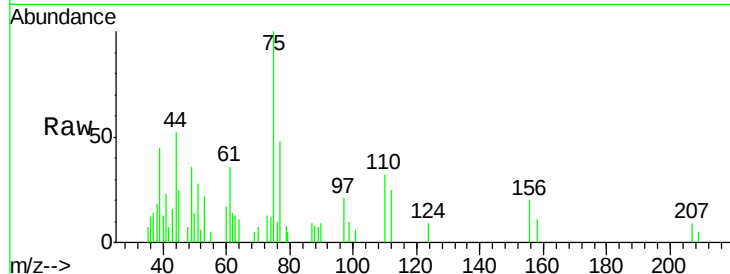
#76
 1,2,3-Trichloropropane
 Concen: 1.115 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 75 Resp: 5803
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

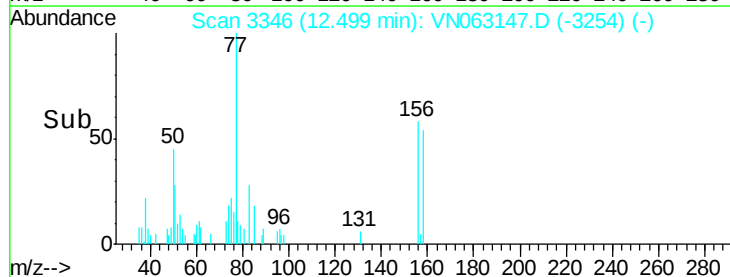
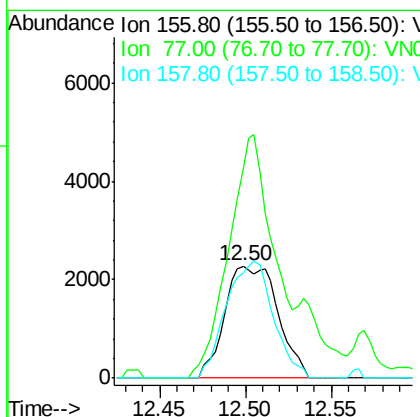
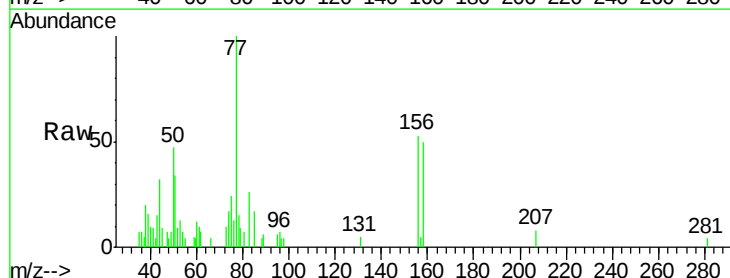
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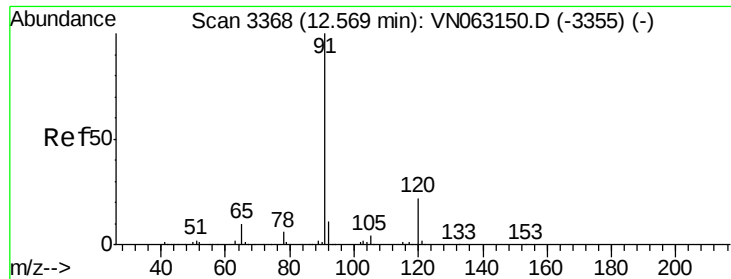
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#77
 Bromobenzene
 Concen: 0.873 ug/l m
 RT: 12.50 min Scan# 3346
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion: 156 Resp: 4870
 Ion Ratio Lower Upper
 156 100
 77 181.2 116.1 348.3
 158 93.0 48.8 146.4





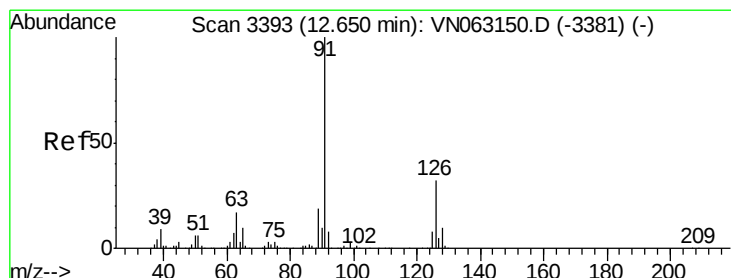
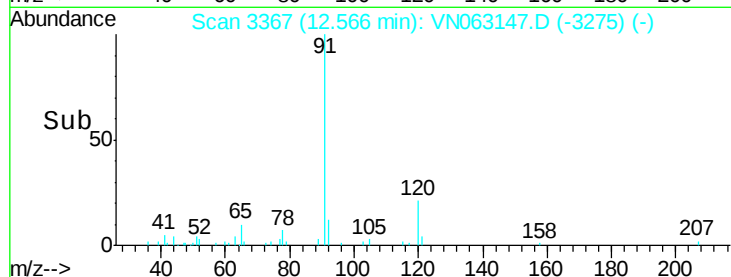
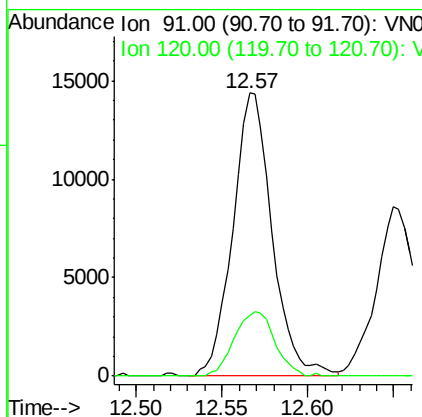
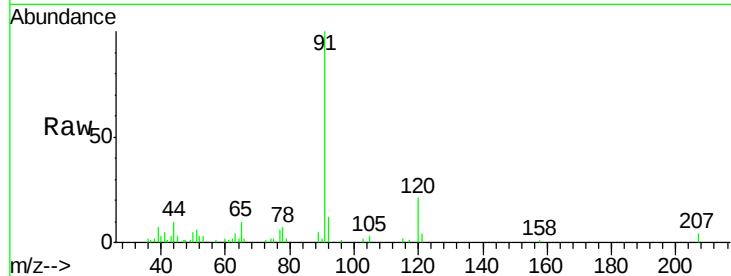
#78
n-propylbenzene
Concen: 0.969 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
120	23.3	10.9	32.7

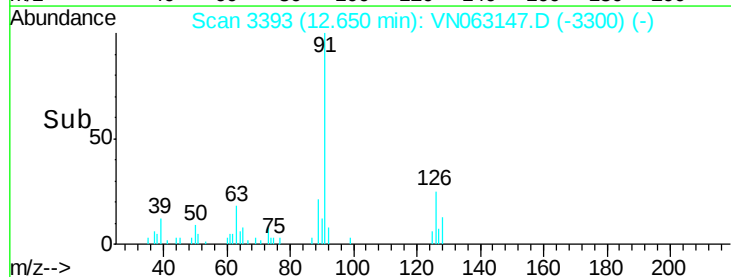
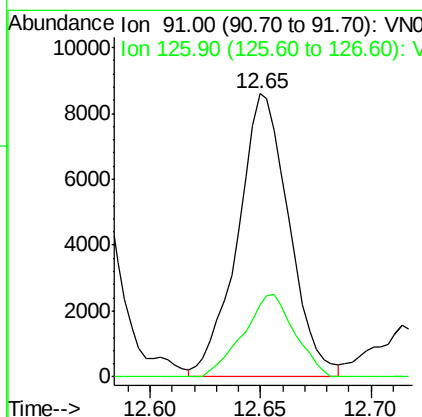
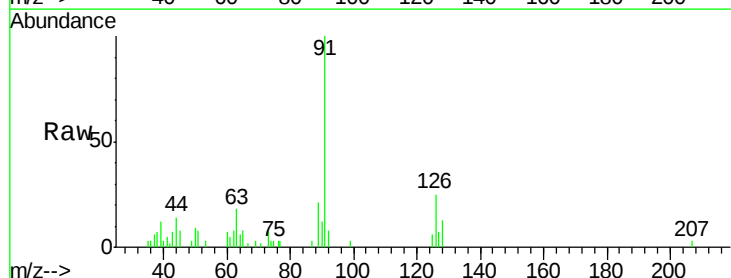
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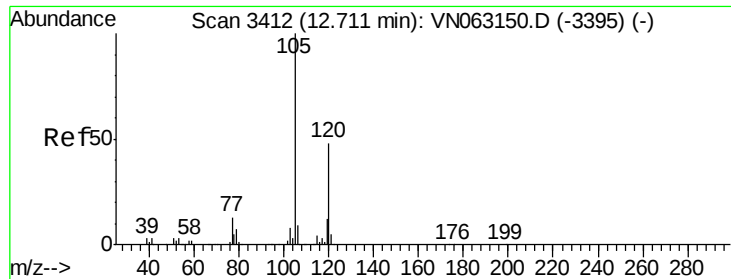
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#79
2-Chlorotoluene
Concen: 0.959 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	16.1	48.3





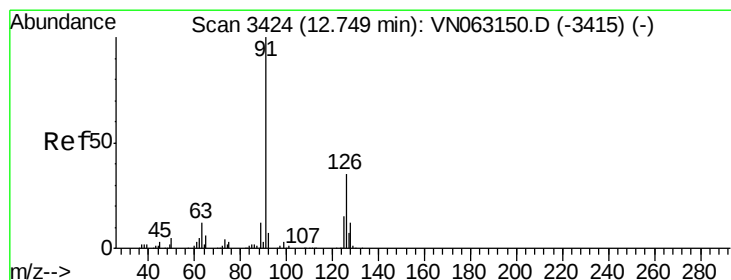
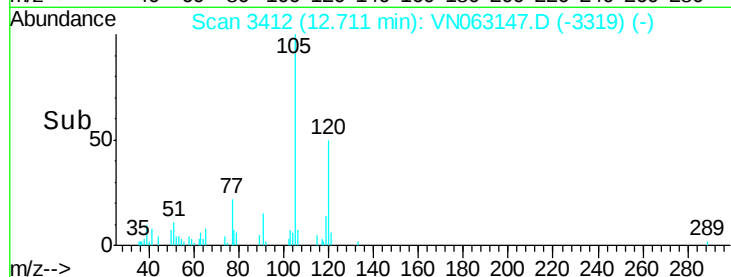
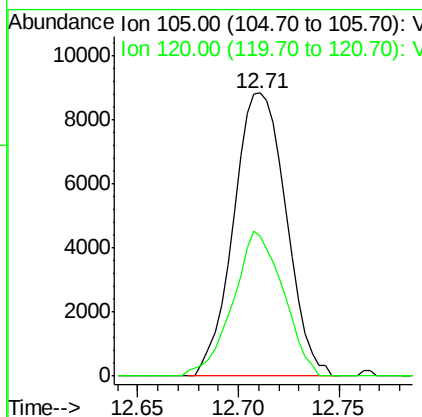
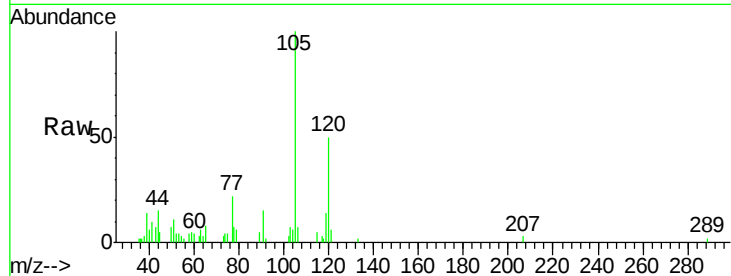
#80
 1,3,5-Trimethylbenzene
 Concen: 0.966 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 105 Resp: 16077
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.2 72.6

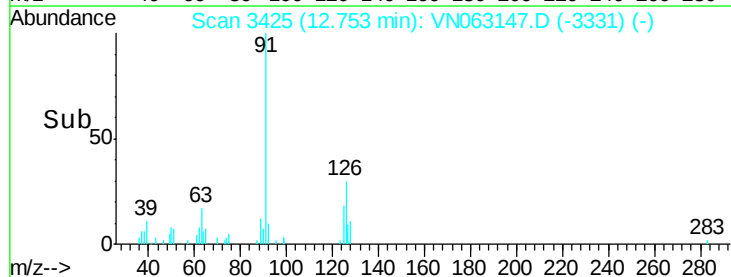
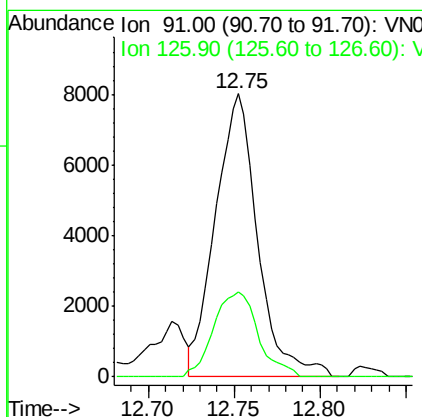
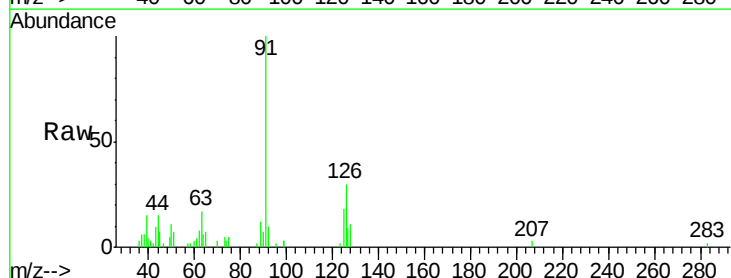
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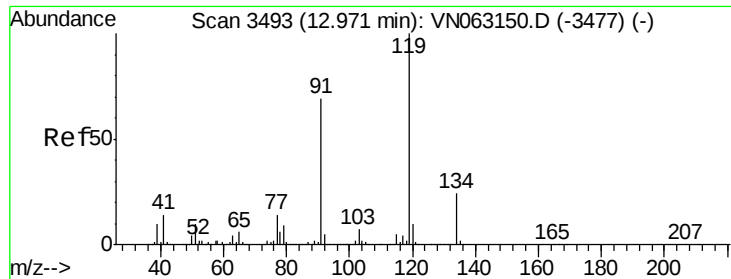
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#82
 4-Chlorotoluene
 Concen: 0.945 ug/l
 RT: 12.75 min Scan# 3425
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion: 91 Resp: 13775
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.2 48.5





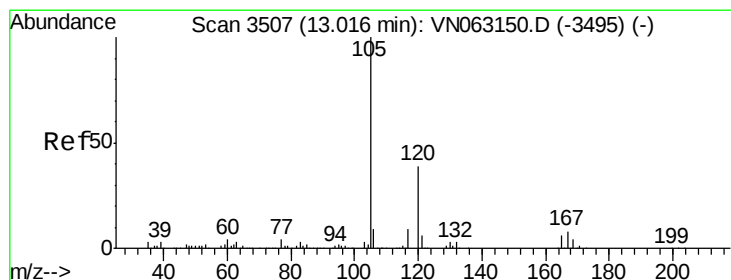
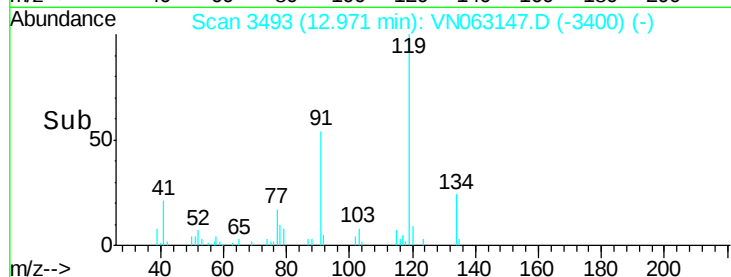
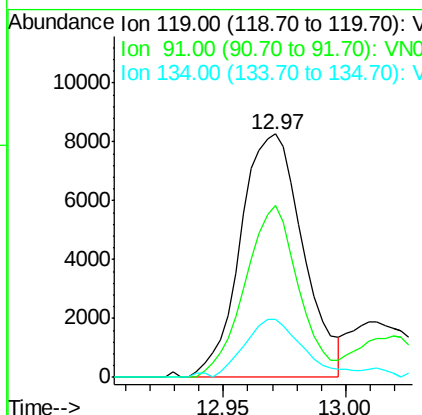
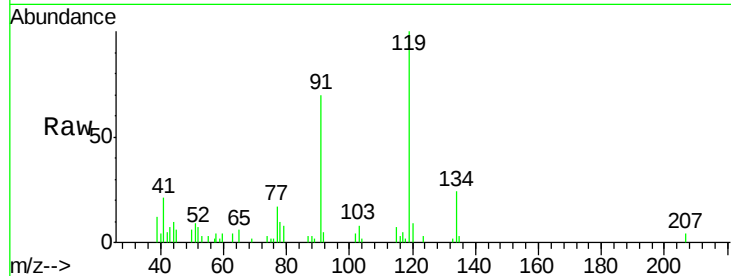
#83
tert-Butylbenzene
Concen: 1.011 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	33.7	101.0
134	22.8	12.0	36.0

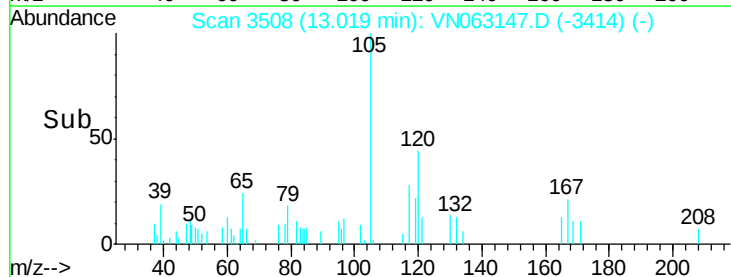
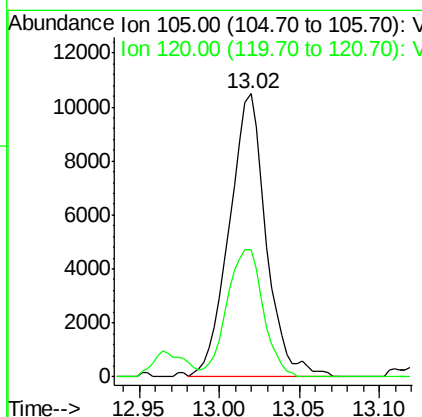
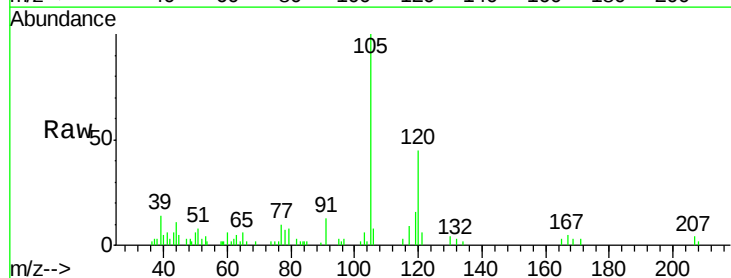
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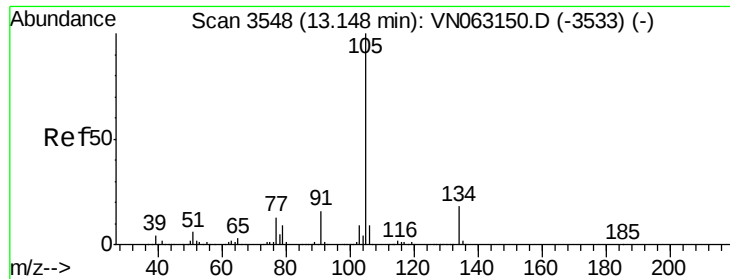
MMDadoda
9/1/2020 9:07:01 AM



#84
1,2,4-Trimethylbenzene
Concen: 0.977 ug/l
RT: 13.02 min Scan# 3508
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.6	67.7





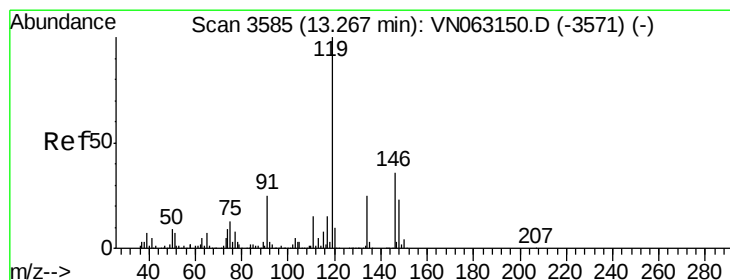
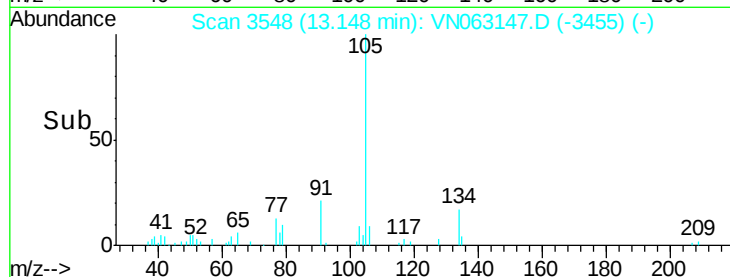
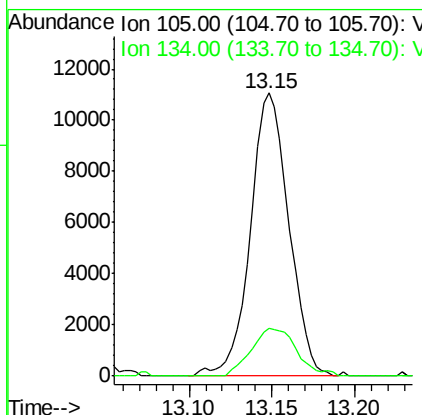
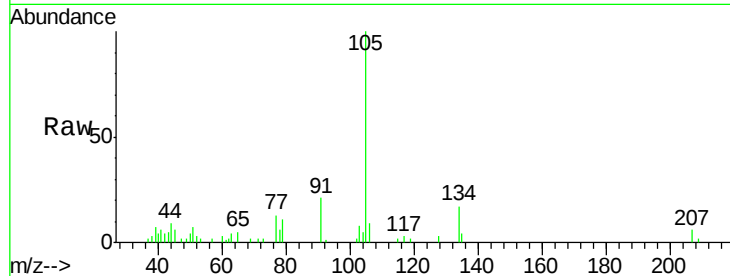
#85
 sec-Butylbenzene
 Concen: 0.923 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.4	28.3

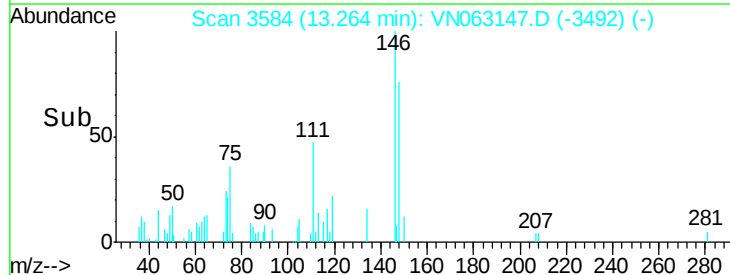
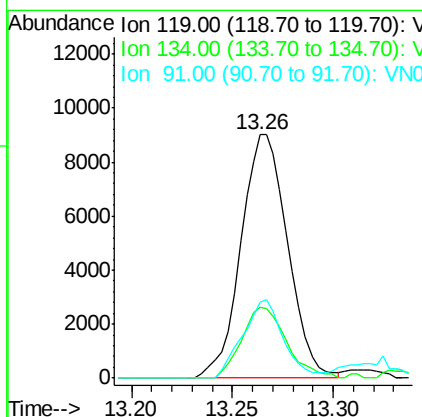
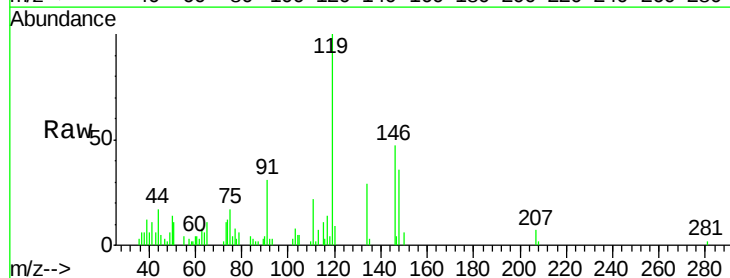
Manual Integrations
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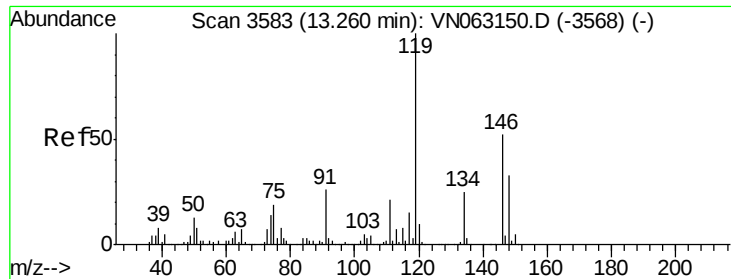
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 9/1/2020 9:07:01 AM



#86
 p-Isopropyltoluene
 Concen: 0.883 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.9	12.4	37.4
91	28.0	12.2	36.6





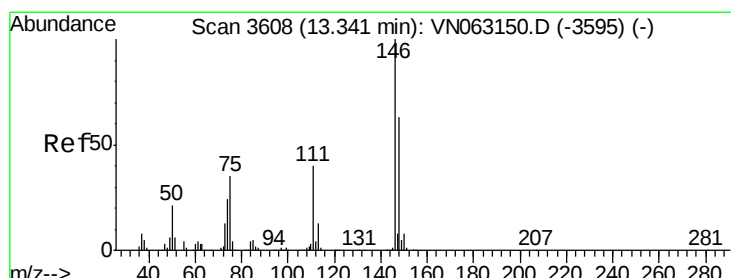
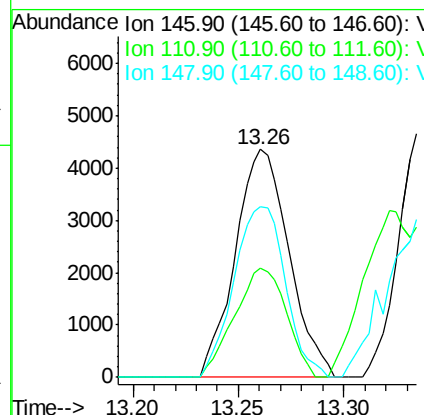
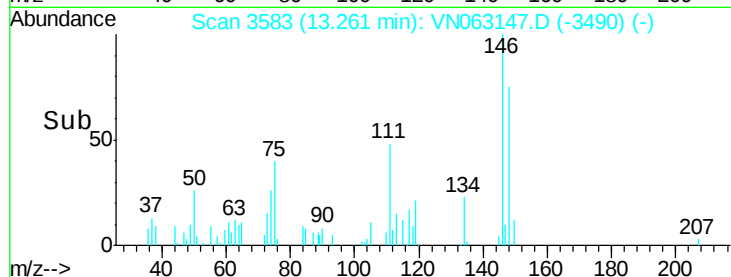
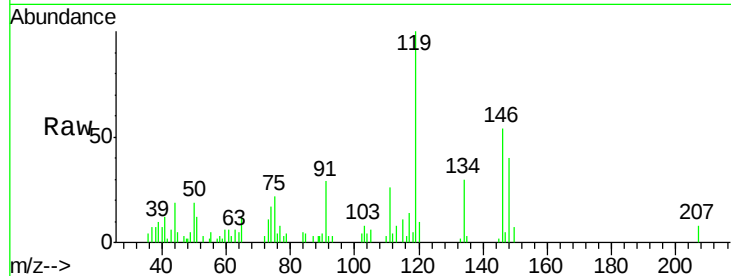
#87
 1,3-Dichlorobenzene
 Concen: 0.787 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.3	63.7
148	71.8	31.9	95.9

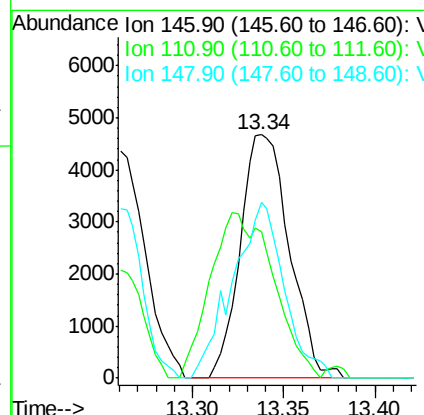
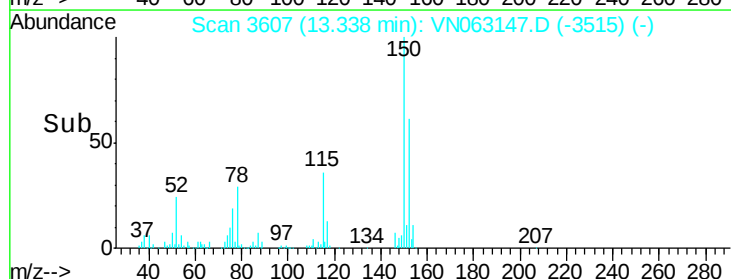
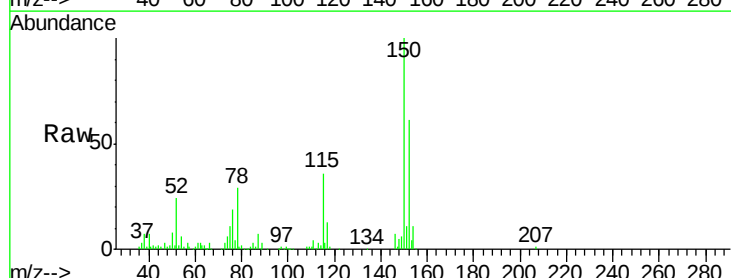
Manual Integrations
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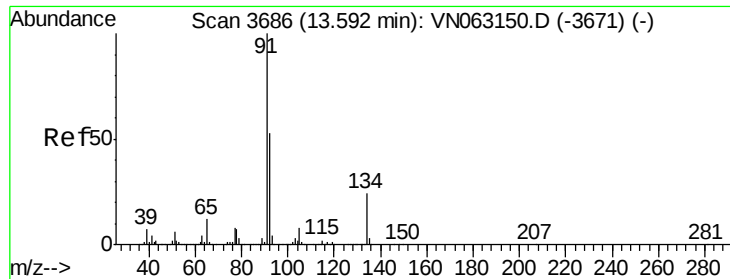
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 9/1/2020 9:07:01 AM



#88
 1,4-Dichlorobenzene
 Concen: 0.885 ug/l m
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.5
148	63.2	31.9	95.7





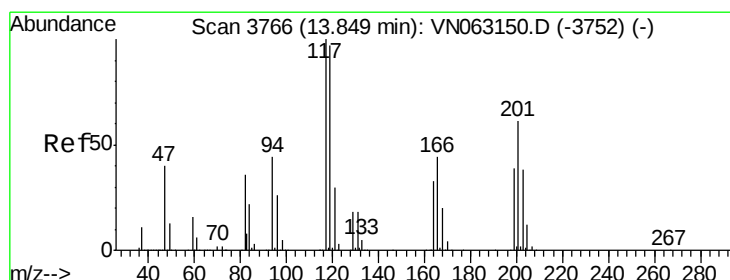
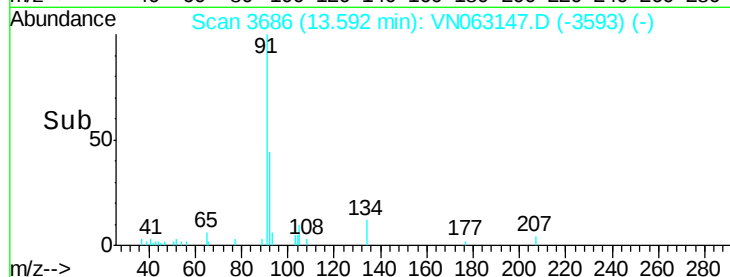
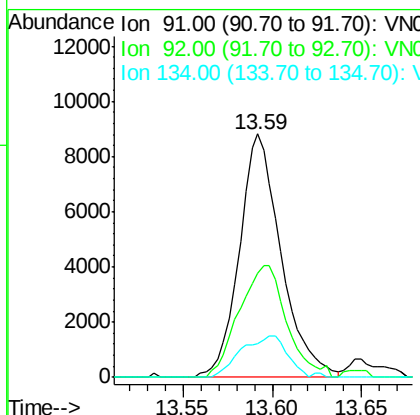
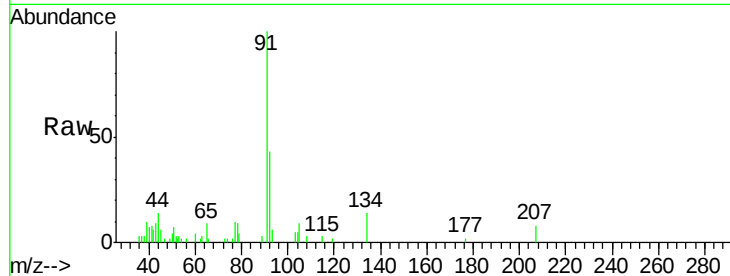
#89
n-Butylbenzene
Concen: 1.033 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.8
134	18.8	12.0	36.0

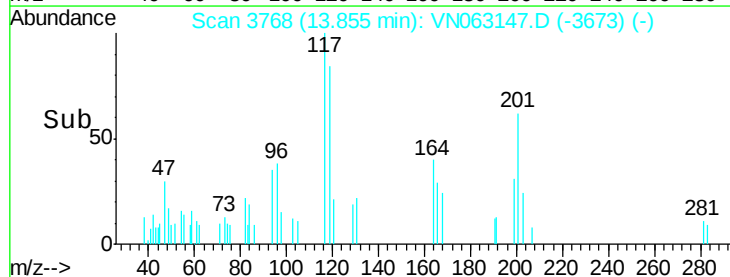
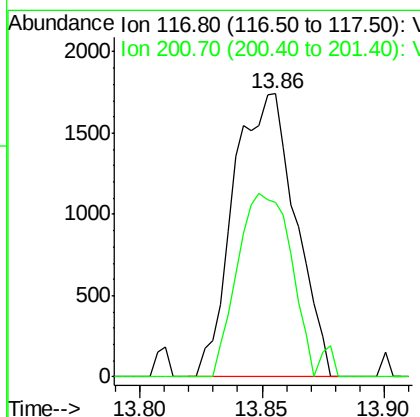
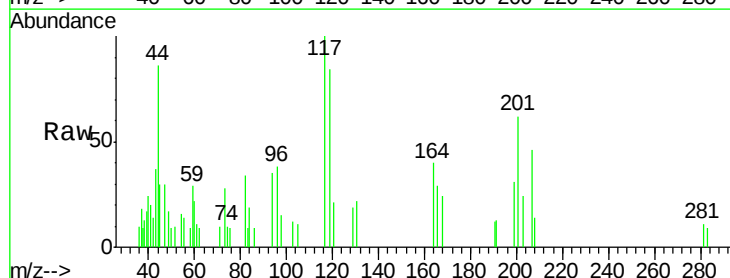
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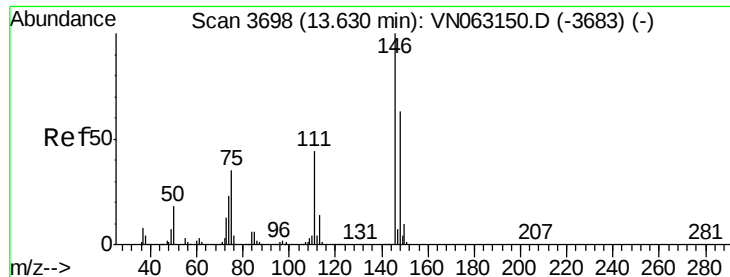
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#90
Hexachloroethane
Concen: 0.840 ug/l
RT: 13.86 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	55.9	30.6	92.0





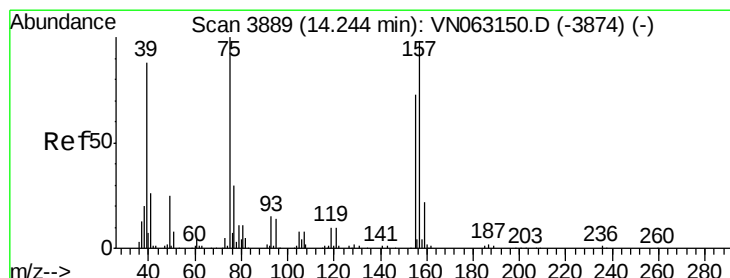
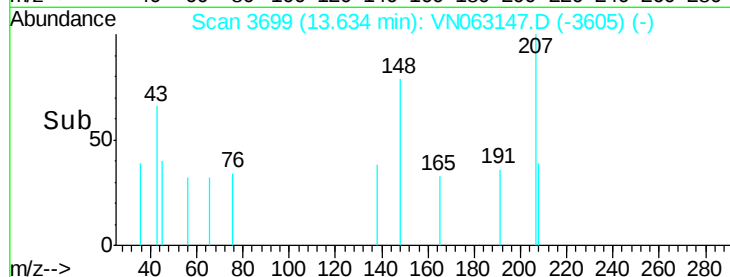
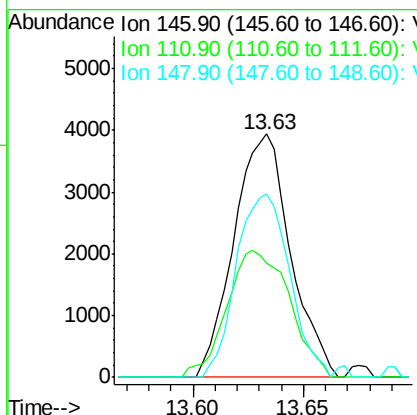
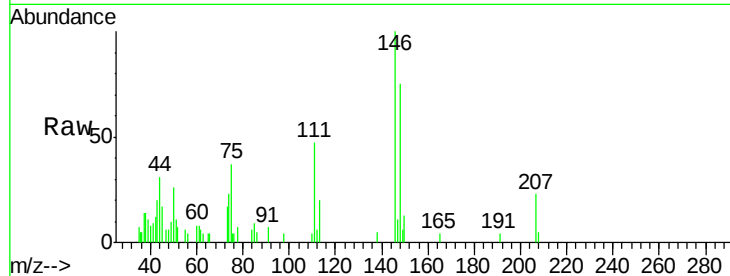
#91
 1,2-Dichlorobenzene
 Concen: 0.728 ug/l
 RT: 13.63 min Scan# 3699
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	57.7	22.0	66.0
148	70.8	31.6	95.0

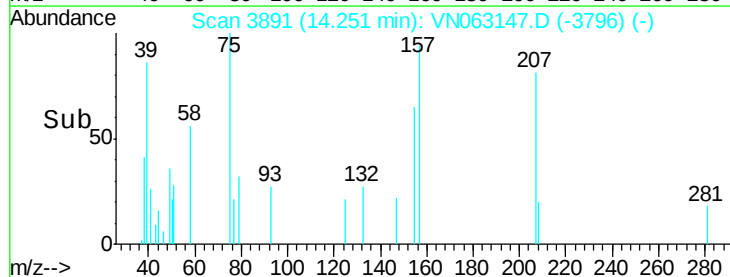
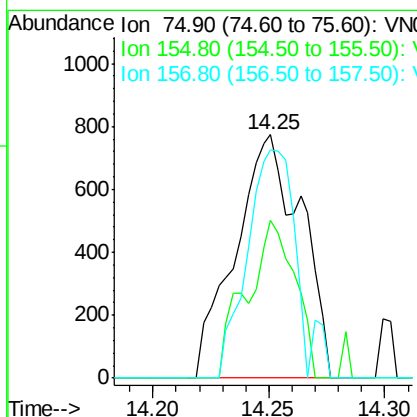
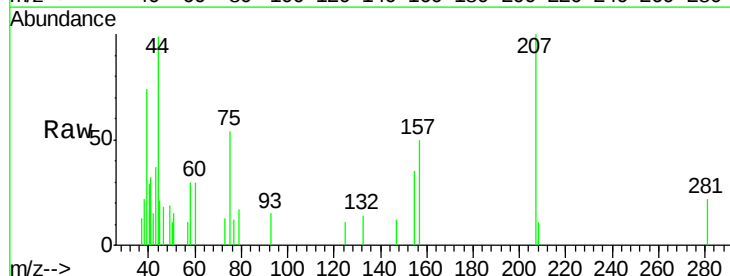
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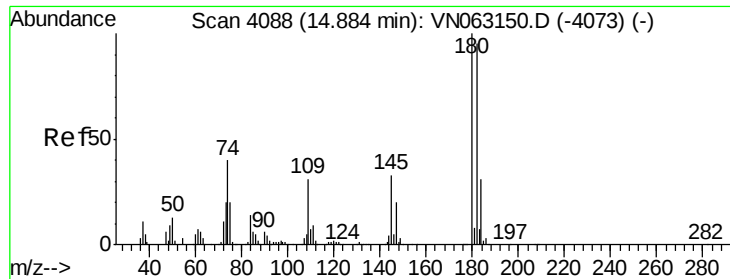
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.483 ug/l
 RT: 14.25 min Scan# 3891
 Delta R.T. 0.01 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	47.7	36.1	108.5
157	65.8	48.4	145.0





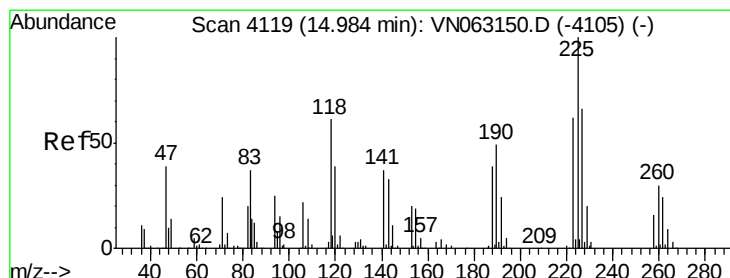
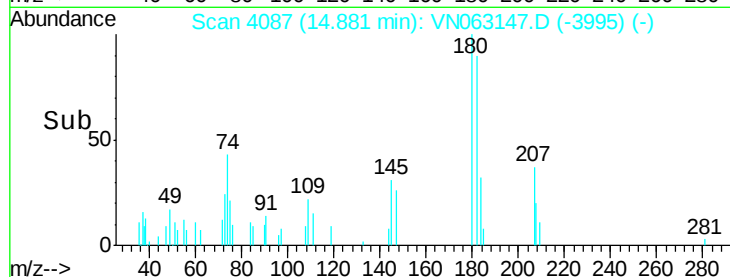
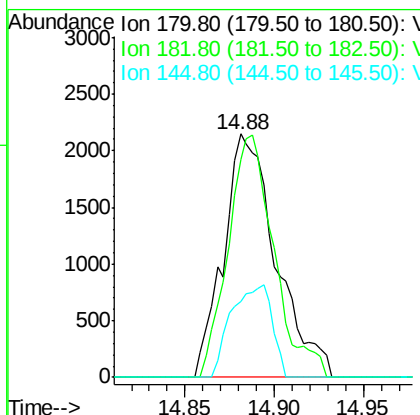
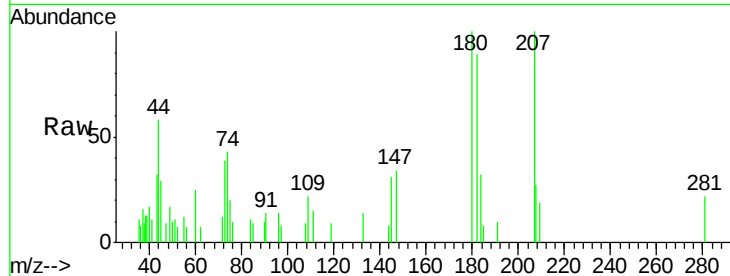
#93
 1,2,4-Trichlorobenzene
 Concen: 0.986 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.0	47.5	142.5
145	29.6	16.6	49.8

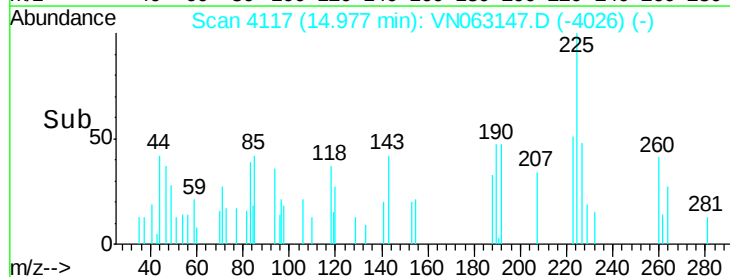
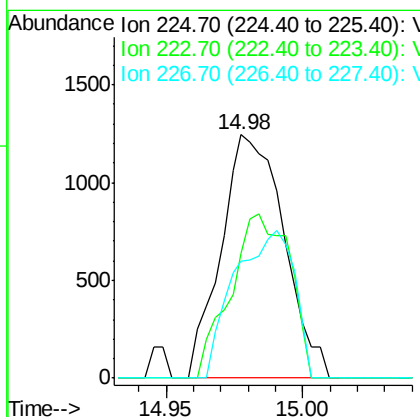
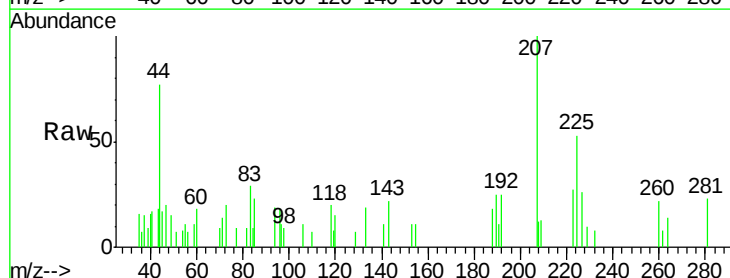
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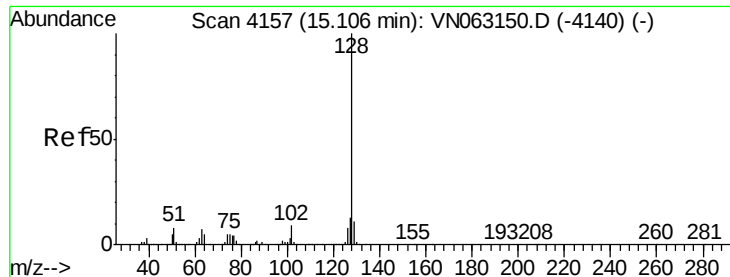
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 9/1/2020 9:07:01 AM



#94
 Hexachlorobutadiene
 Concen: 0.662 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.01 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.9	92.7
227	57.9	32.9	98.7





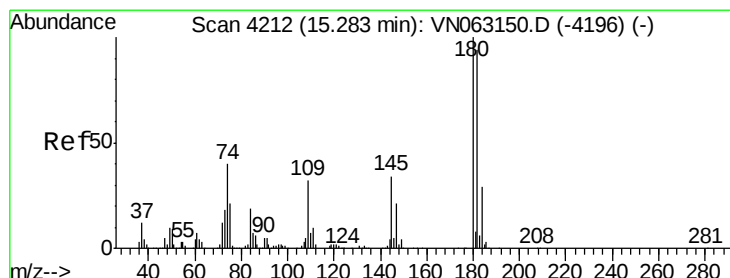
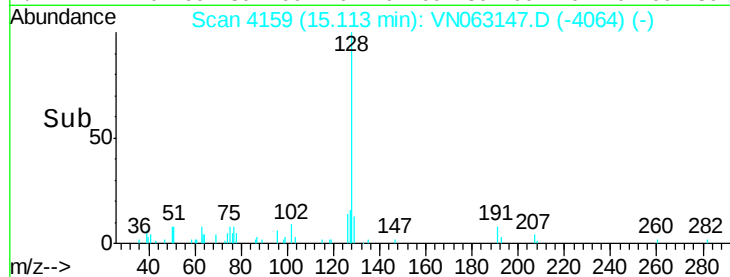
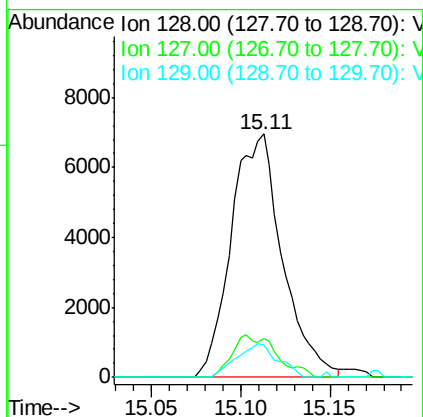
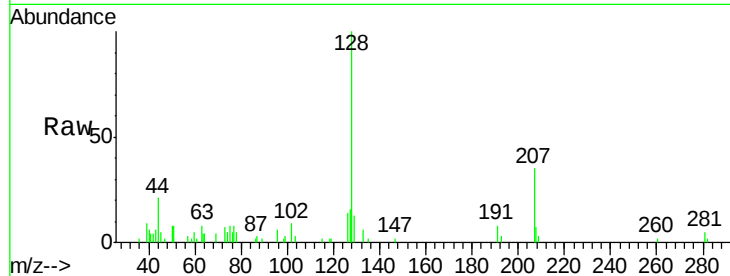
#95
Naphthalene
Concen: 1.281 ug/l
RT: 15.11 min Scan# 4159
Delta R.T. 0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.5	15.7
129	11.2	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 1.055 ug/l
RT: 15.29 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	67.2	47.5	142.5
145	29.0	17.3	52.0

