

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063264.D
 Acq On : 5 Sep 2020 3:12
 Operator : JC/MD
 Sample : VN0904WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:32:39 PM

Quant Time: Sep 07 02:22:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	242185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	510249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	232930	58.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.68%	
35) Dibromofluoromethane	7.55	113	169742	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.06	98	604776	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	202631	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32260	13.526	ug/l	95
3) Chloromethane	2.04	50	67075	19.313	ug/l	100
4) Vinyl Chloride	2.17	62	64255	16.749	ug/l	99
5) Bromomethane	2.54	94	73236	22.678	ug/l	100
6) Chloroethane	2.68	64	64936	21.288	ug/l	95
7) Trichlorofluoromethane	2.98	101	89806	14.204	ug/l	99
8) Diethyl Ether	3.37	74	40434	22.028	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	40360	15.477	ug/l	98
10) Methyl Iodide	3.92	142	68717	19.321	ug/l	95
11) Tert butyl alcohol	4.73	59	56152m	115.547	ug/l	
12) 1,1-Dichloroethene	3.70	96	45500	17.124	ug/l	99
13) Acrolein	3.57	56	12070	76.892	ug/l	91
14) Allyl chloride	4.28	41	87572	18.557	ug/l	99
15) Acrylonitrile	4.93	53	157020	116.644	ug/l	99
16) Acetone	3.78	43	140581	124.913	ug/l	97
17) Carbon Disulfide	4.01	76	124458	15.737	ug/l	98
18) Methyl Acetate	4.28	43	75484	26.158	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	218910	22.208	ug/l	100
20) Methylene Chloride	4.51	84	71597	22.353	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	58678	19.988	ug/l	88
22) Diisopropyl ether	5.90	45	231671	21.907	ug/l	98
23) Vinyl Acetate	5.84	43	933619	110.644	ug/l	100
24) 1,1-Dichloroethane	5.80	63	120679	20.700	ug/l	99
25) 2-Butanone	6.78	43	214179	122.906	ug/l	99
26) 2,2-Dichloropropane	6.78	77	64657	12.241	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	75182	21.070	ug/l	93
28) Bromochloromethane	7.15	49	67117	22.036	ug/l	98
29) Tetrahydrofuran	7.17	42	141831	117.707	ug/l	98
30) Chloroform	7.33	83	132330	21.696	ug/l	99
31) Cyclohexane	7.61	56	77313	13.779	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	96677	18.394	ug/l	99
36) 1,1-Dichloropropene	7.76	75	76263	15.547	ug/l	98
37) Ethyl Acetate	6.88	43	95611	20.865	ug/l #	96
38) Carbon Tetrachloride	7.73	117	75044	15.085	ug/l	98

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	64189	11.648	ug/l	99
40) Benzene	8.00	78	274092	19.015	ug/l	99
41) Methacrylonitrile	7.14	41	47111m	22.798	ug/l	
42) 1,2-Dichloroethane	8.08	62	113106	21.006	ug/l	100
43) Isopropyl Acetate	8.13	43	163322	20.416	ug/l	99
44) Trichloroethene	8.80	130	68020	19.454	ug/l	100
45) 1,2-Dichloropropane	9.09	63	73627	19.292	ug/l	97
46) Dibromomethane	9.18	93	54506	21.551	ug/l	99
47) Bromodichloromethane	9.37	83	105614	19.481	ug/l	99
48) Methyl methacrylate	9.17	41	75602	20.964	ug/l	96
49) 1,4-Dioxane	9.17	88	24377	437.028	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	490935	112.933	ug/l	99
52) Toluene	10.13	92	169153	18.838	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	105102	17.724	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	112190	18.023	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74132	21.557	ug/l	96
56) Ethyl methacrylate	10.40	69	104825	20.030	ug/l	99
57) 1,3-Dichloropropane	10.68	76	126493	20.648	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	264312	97.529	ug/l	97
59) 2-Hexanone	10.72	43	347375	113.703	ug/l	100
60) Dibromochloromethane	10.87	129	74147	19.502	ug/l	99
61) 1,2-Dibromoethane	10.98	107	75279	21.058	ug/l	97
64) Tetrachloroethene	10.60	164	61197	17.734	ug/l	96
65) Chlorobenzene	11.41	112	180782	18.678	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	68137	18.961	ug/l	98
67) Ethyl Benzene	11.49	91	303003	17.160	ug/l	98
68) m/p-Xylenes	11.59	106	222198	33.977	ug/l	98
69) o-Xylene	11.92	106	110773	17.534	ug/l	96
70) Styrene	11.94	104	195353	17.993	ug/l	98
71) Bromoform	12.10	173	47233	19.368	ug/l #	94
73) Isopropylbenzene	12.23	105	271154	17.371	ug/l	100
74) N-amyl acetate	12.05	43	130634	20.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	98944	21.986	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	85597m	21.406	ug/l	
77) Bromobenzene	12.50	156	71607	20.283	ug/l	96
78) n-propylbenzene	12.57	91	299513	16.581	ug/l	100
79) 2-Chlorotoluene	12.65	91	191980	17.745	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	225426	17.350	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	26093	15.771	ug/l	91
82) 4-Chlorotoluene	12.75	91	203849	18.168	ug/l	98
83) tert-Butylbenzene	12.97	119	174807	15.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	228986	17.484	ug/l	100
85) sec-Butylbenzene	13.15	105	222797	15.341	ug/l	100
86) p-Isopropyltoluene	13.27	119	199811	15.497	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	122963	18.960	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	124540	18.546	ug/l	98
89) n-Butylbenzene	13.59	91	162774	13.665	ug/l	99
90) Hexachloroethane	13.85	117	33607	14.080	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	130604	20.752	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18987	19.190	ug/l	98

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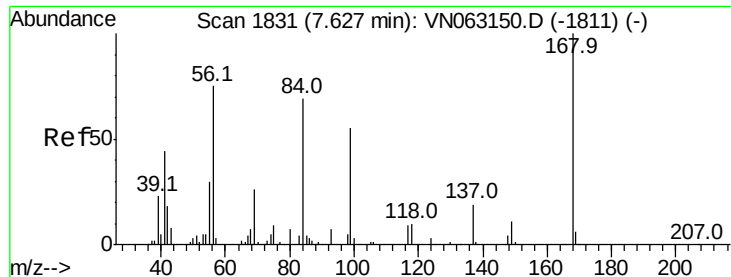
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	59003	16.781	ug/l	97
94) Hexachlorobutadiene	14.98	225	18988	14.456	ug/l	96
95) Naphthalene	15.11	128	229295	19.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	60836	17.759	ug/l	99

(#) = 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: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion:168 Resp: 242185

Ion Ratio Lower Upper

168 100

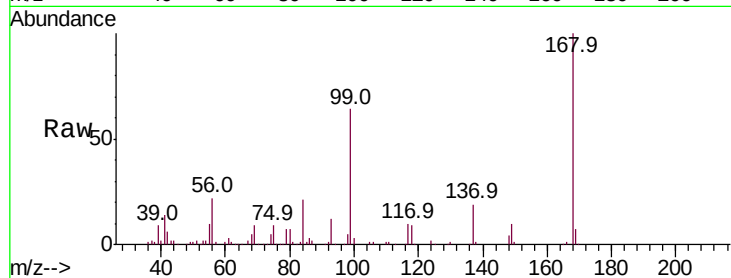
99 63.6 54.2 81.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN063150.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063150.D (-1811) (-)

7.63

100000

80000

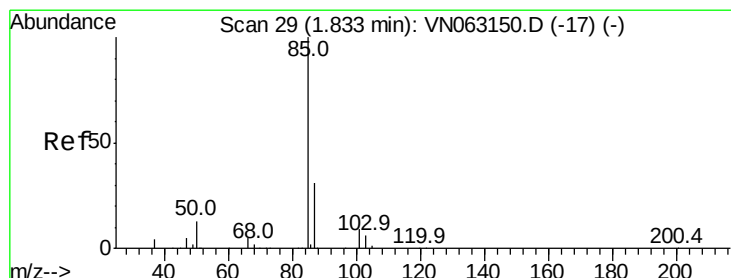
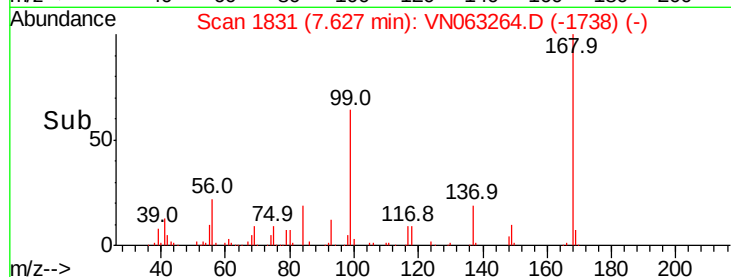
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 13.526 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063264.D

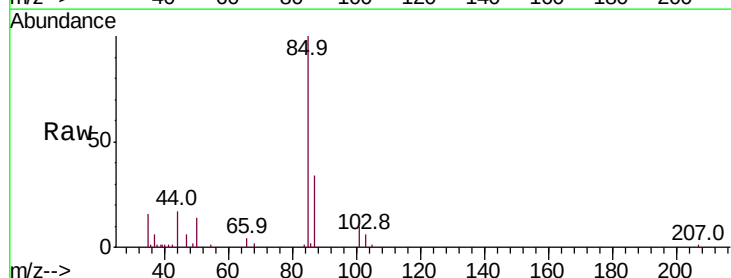
Acq: 5 Sep 2020 3:12

Tgt Ion: 85 Resp: 32260

Ion Ratio Lower Upper

85 100

87 33.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN063150.D (-17) (-)

Ion 86.90 (86.60 to 87.60): VN063150.D (-17) (-)

1.83

25000

20000

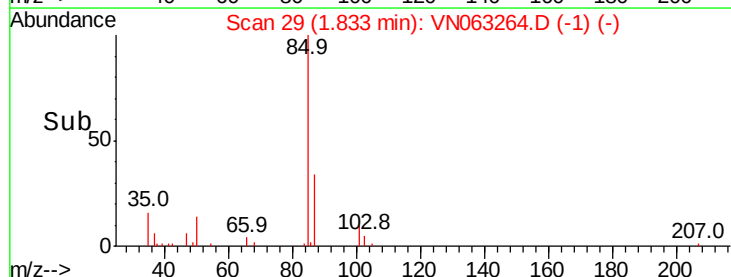
15000

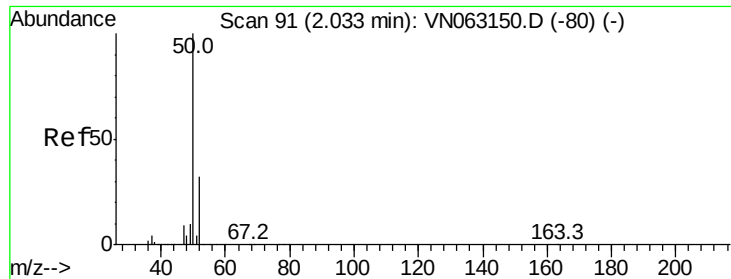
10000

5000

0

Time-->





#3

Chloromethane

Concen: 19.313 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion: 50 Resp: 67075

Ion Ratio Lower Upper

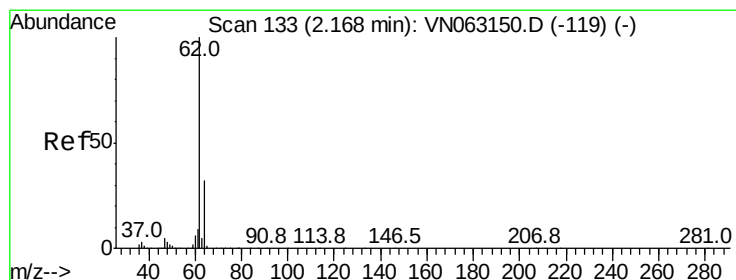
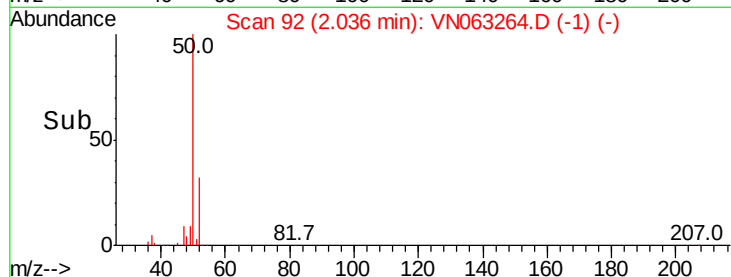
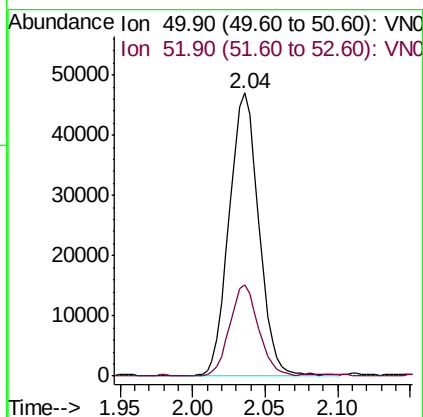
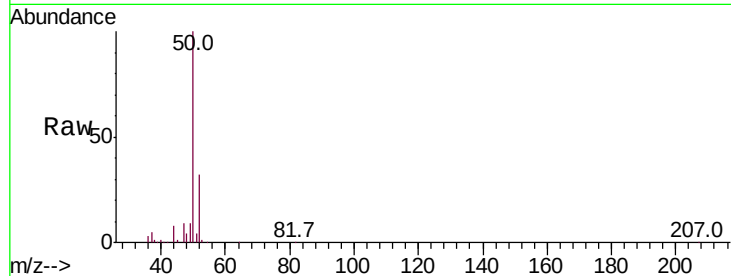
50 100

52 32.4 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.749 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063264.D

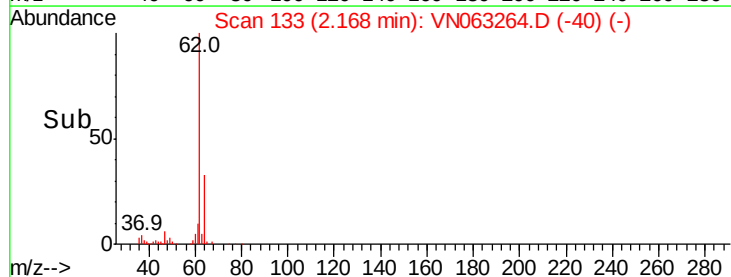
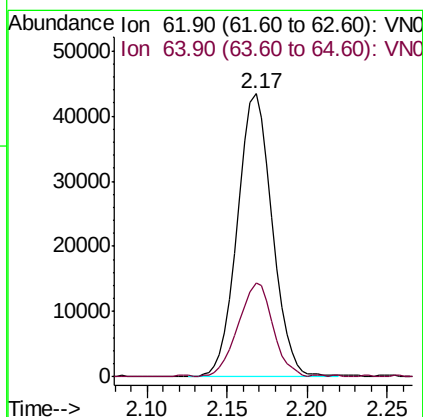
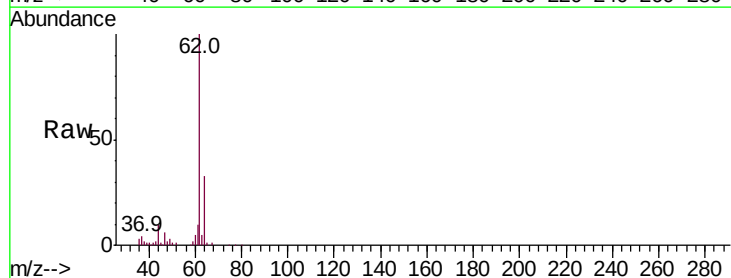
Acq: 5 Sep 2020 3:12

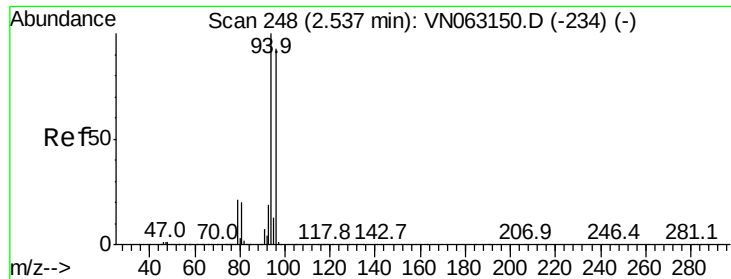
Tgt Ion: 62 Resp: 64255

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 22.678 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion: 94 Resp: 73236

Ion Ratio Lower Upper

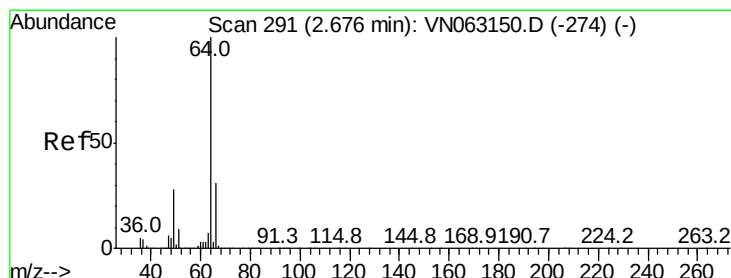
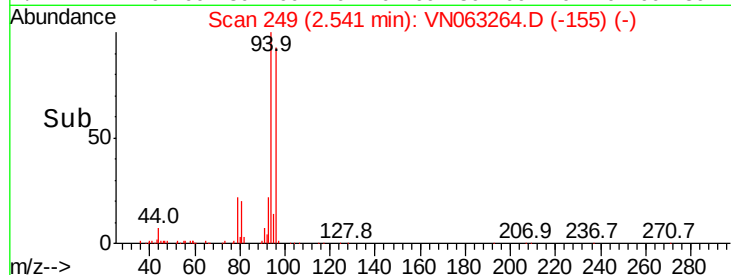
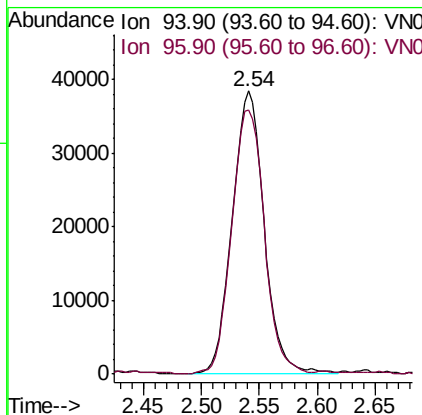
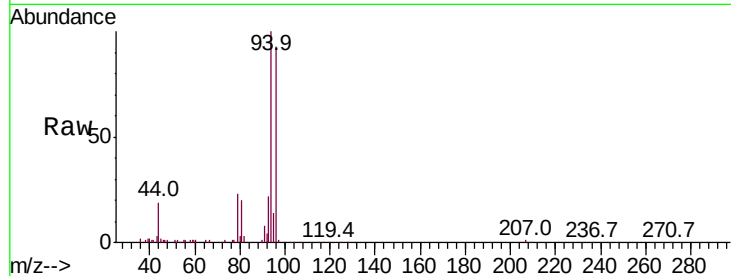
94 100

96 93.4 74.4 111.6

Manual Integrations
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#6

Chloroethane

Concen: 21.288 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063264.D

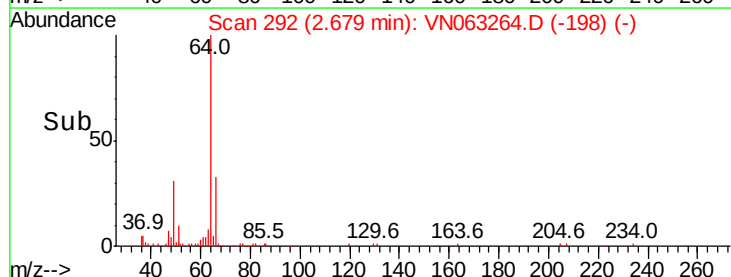
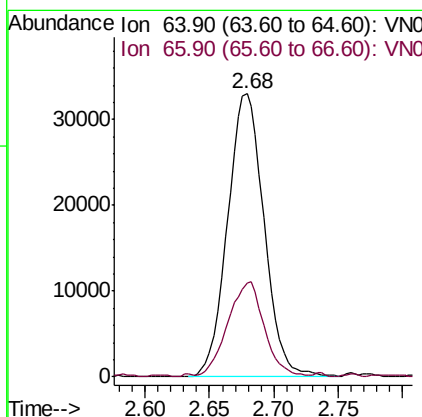
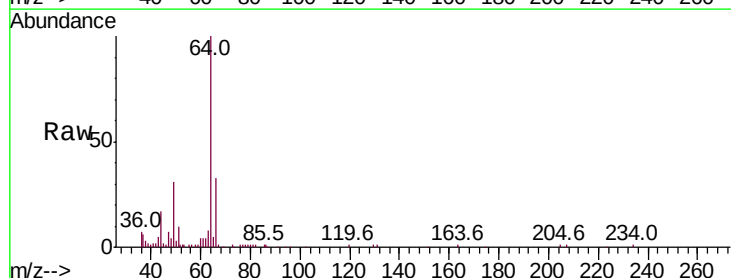
Acq: 5 Sep 2020 3:12

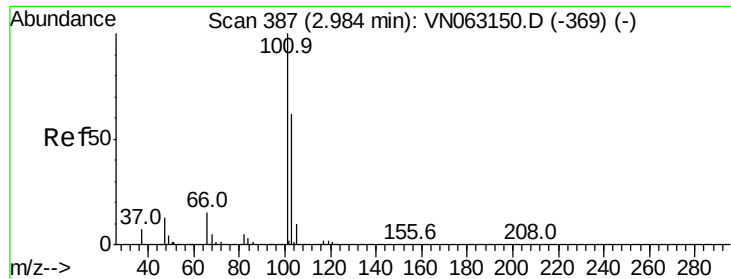
Tgt Ion: 64 Resp: 64936

Ion Ratio Lower Upper

64 100

66 33.4 24.7 37.1





#7

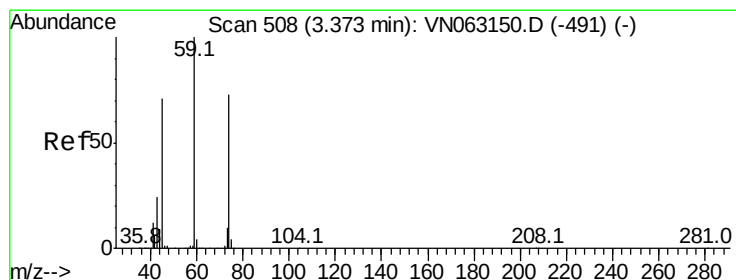
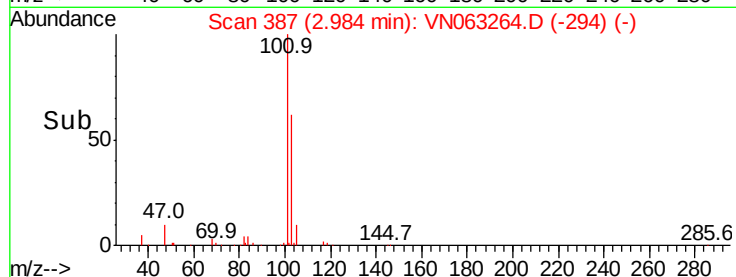
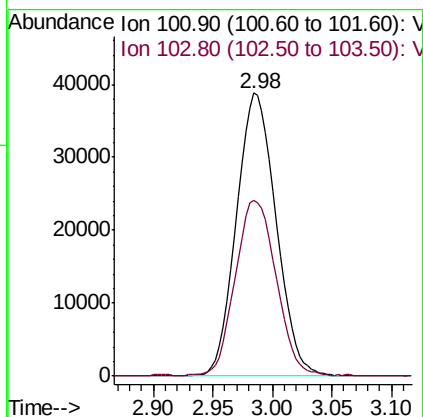
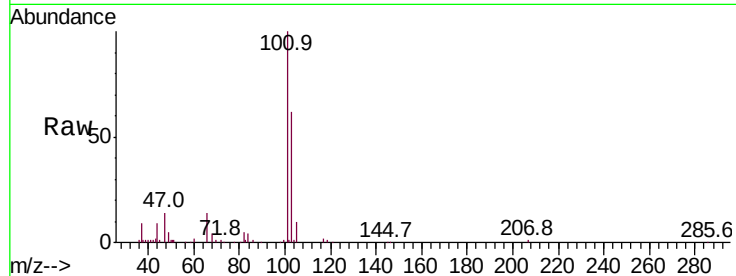
Trichlorofluoromethane
 Concen: 14.204 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
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 ClientSampleId :
 VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	49.7	74.5

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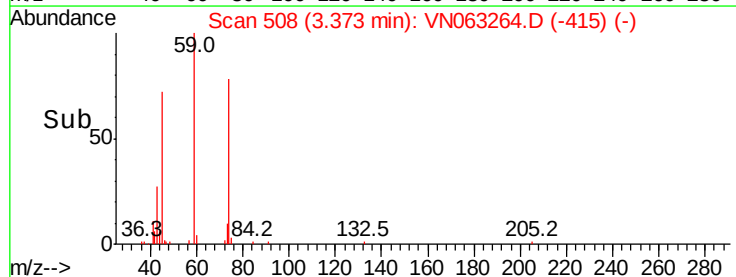
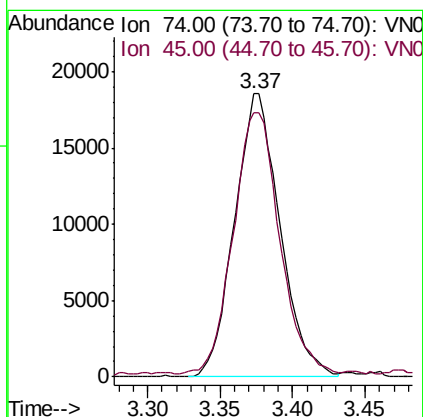
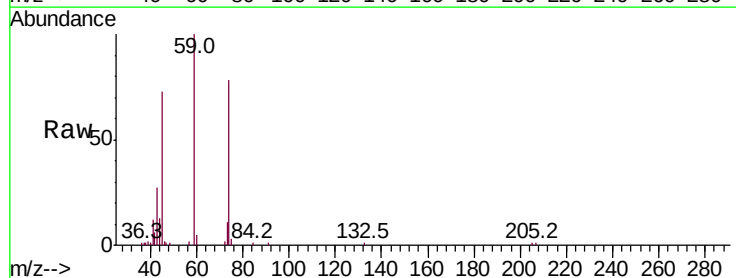
MMDadoda
 9/8/2020 1:32:39 PM

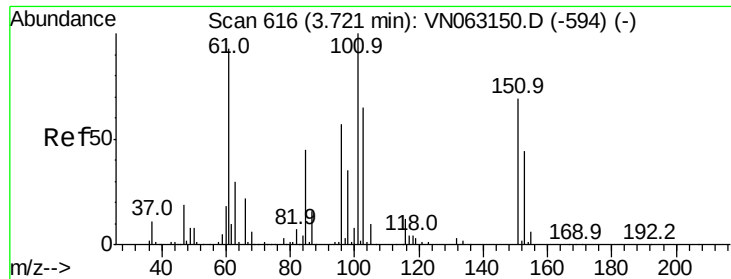


#8

Diethyl Ether
 Concen: 22.028 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	49.5	148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.477 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

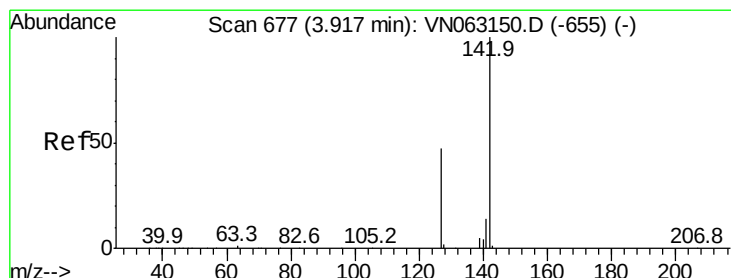
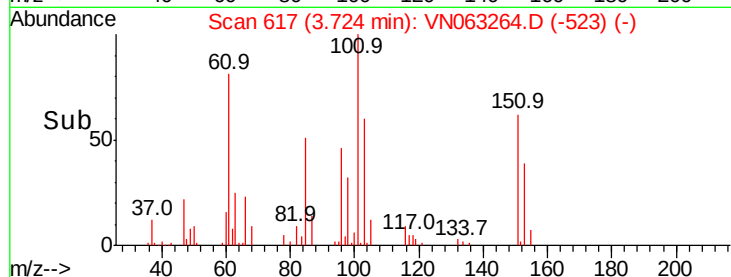
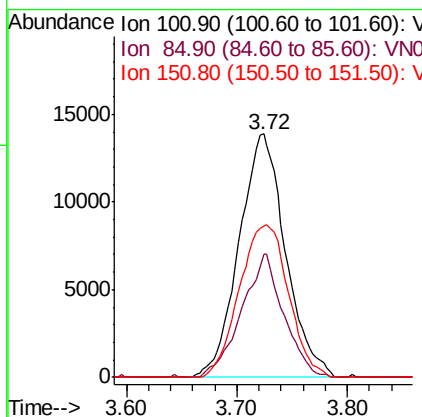
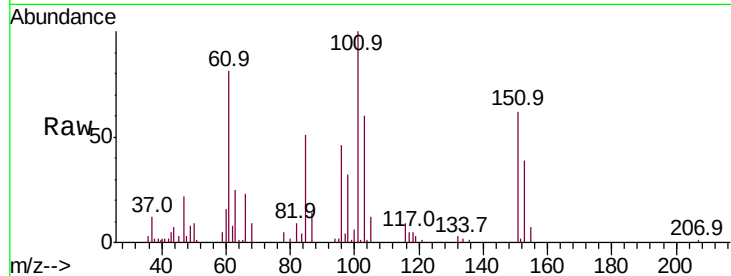
ClientSampleId :

VN0904WBSD02

Tot Ion:	101	Resp:	40360
Ion Ratio	Lower	Upper	
101	100		
85	46.0	37.8	56.8
151	66.5	55.0	82.4

Manual Integrations
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#10

Methyl Iodide

Concen: 19.321 ug/l

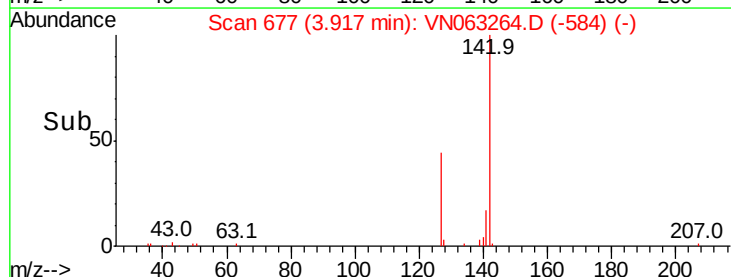
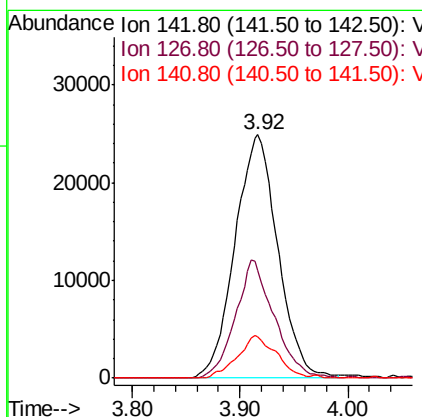
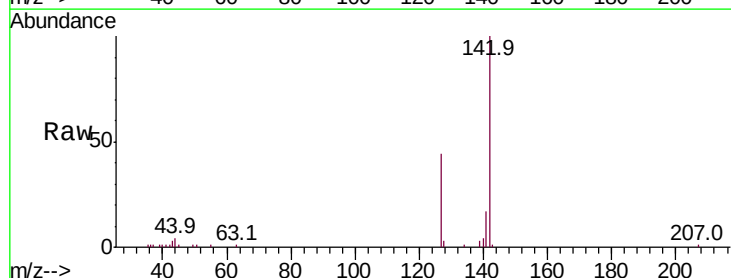
RT: 3.92 min Scan# 677

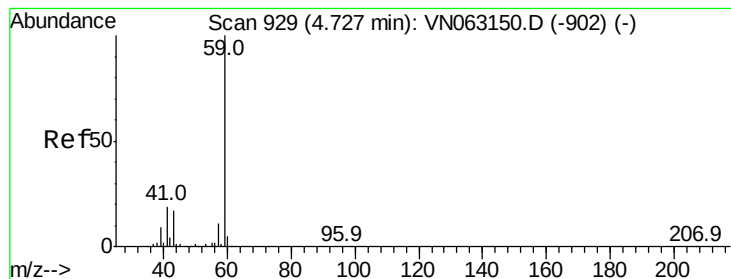
Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:	142	Resp:	68717
Ion Ratio	Lower	Upper	
142	100		
127	43.8	37.6	56.4
141	15.9	11.3	16.9





#11

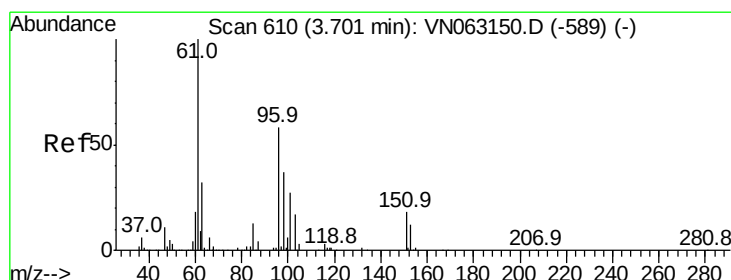
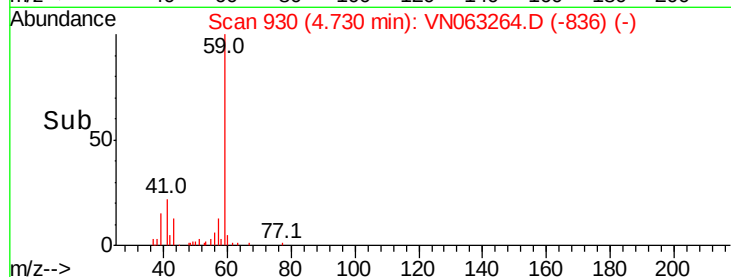
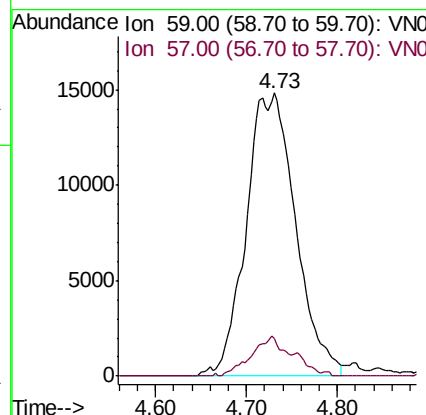
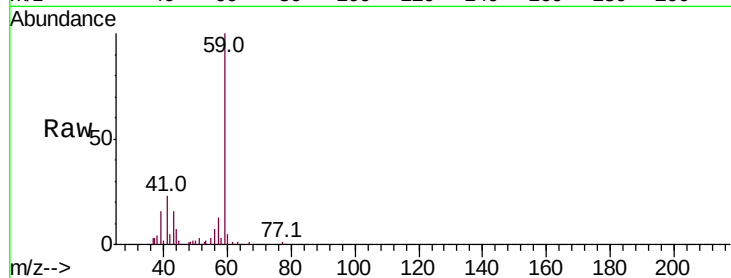
Tert butyl alcohol
Concen: 115.547 ug/l m
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.4	12.6

Manual Integrations
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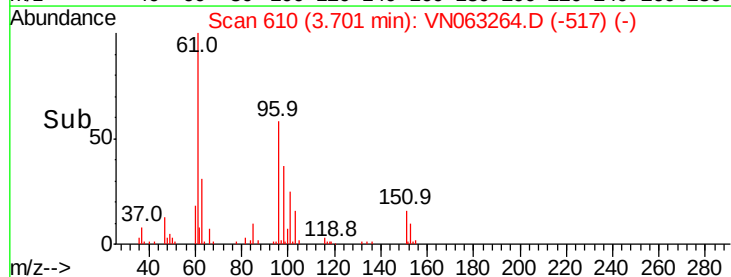
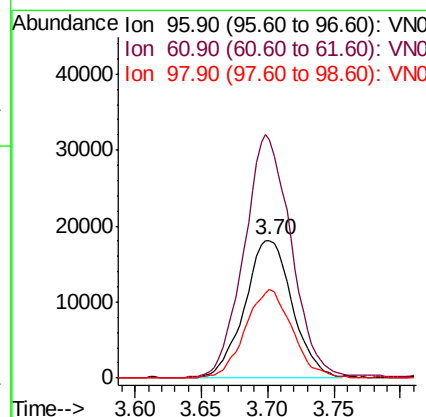
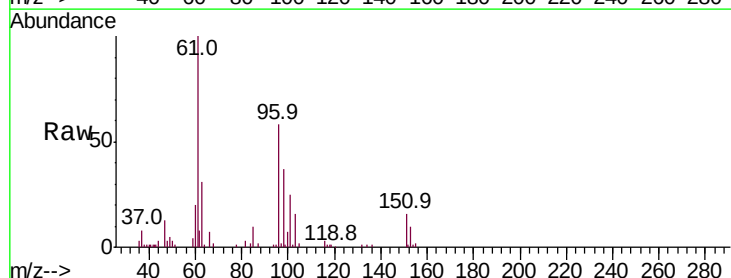
MMDadoda
9/8/2020 1:32:39 PM

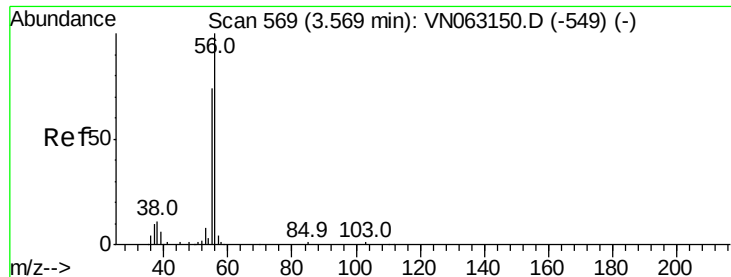


#12

1,1-Dichloroethene
Concen: 17.124 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.1	137.4	206.2
98	64.8	50.5	75.7





#13

Acrolein

Concen: 76.892 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion: 56 Resp: 12070

Ion Ratio Lower Upper

56 100

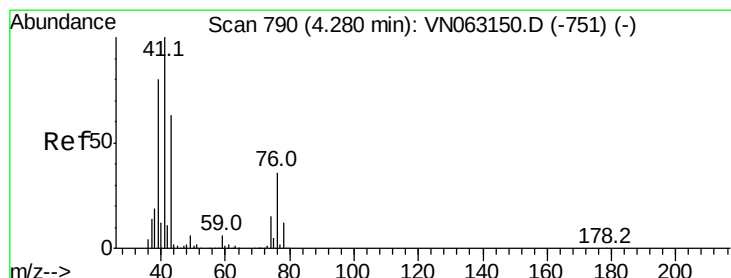
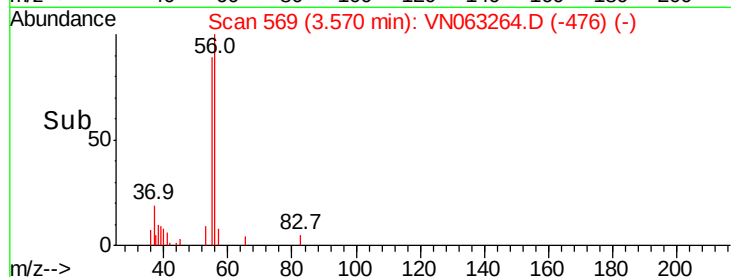
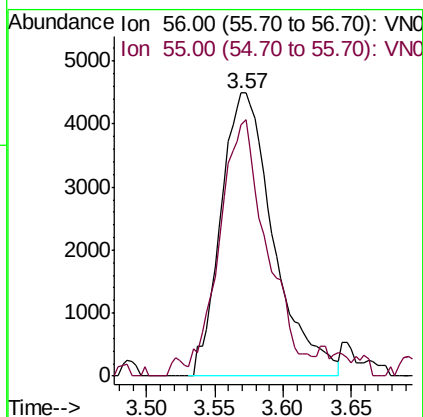
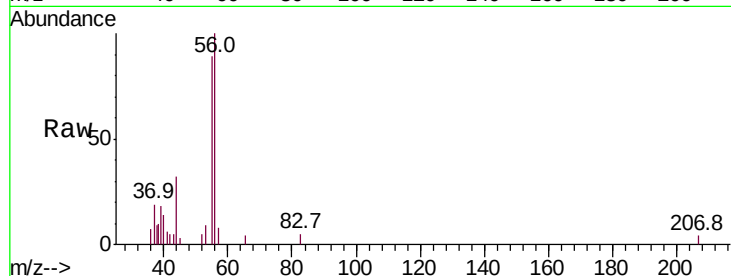
55 76.6 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 18.557 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

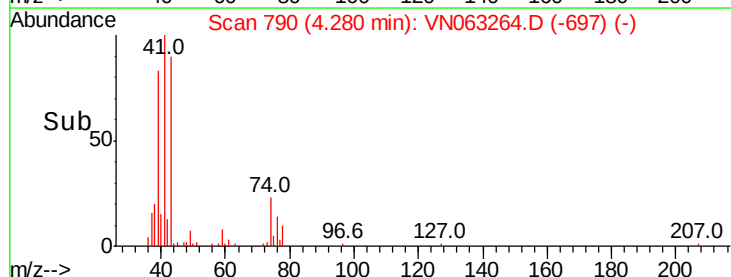
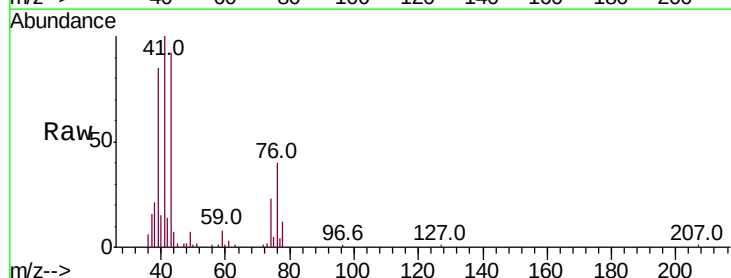
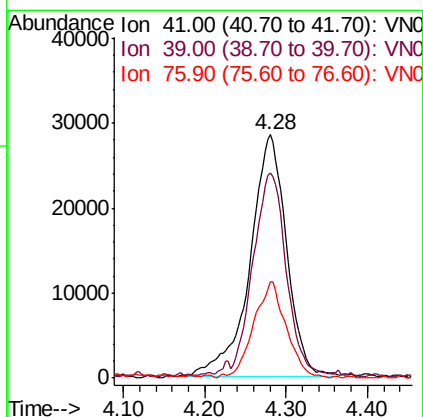
Tgt Ion: 41 Resp: 87572

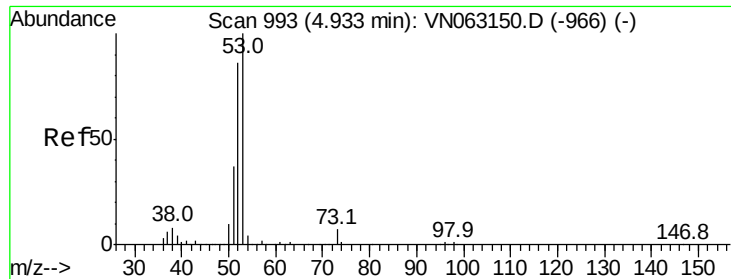
Ion Ratio Lower Upper

41 100

39 74.0 60.2 90.2

76 35.5 27.7 41.5





#15

Acrylonitrile

Concen: 116.644 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

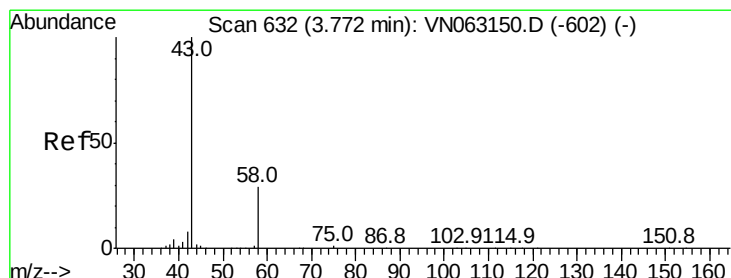
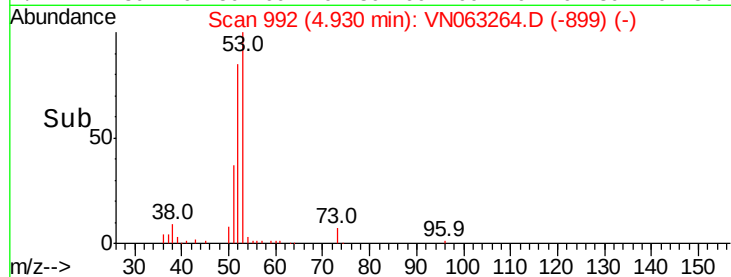
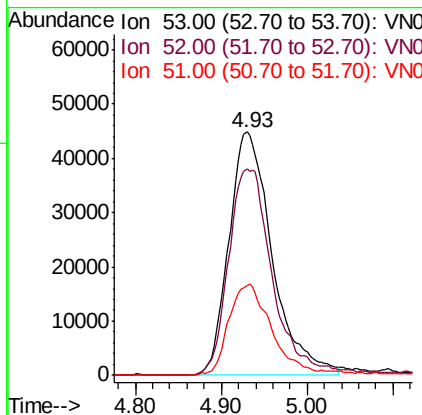
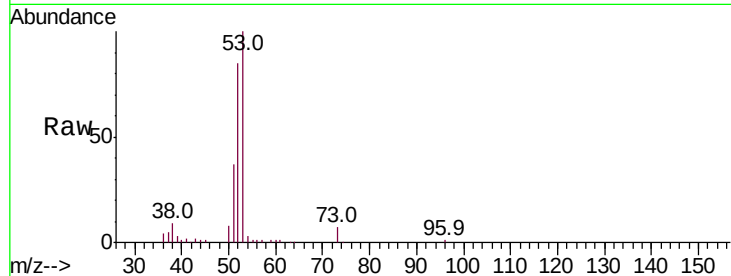
ClientSampleId :

VN0904WBSD02

Tot Ion:	53	Resp:	157020
Ion	Ratio	Lower	Upper
53	100		
52	84.2	67.2	100.8
51	36.7	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 124.913 ug/l

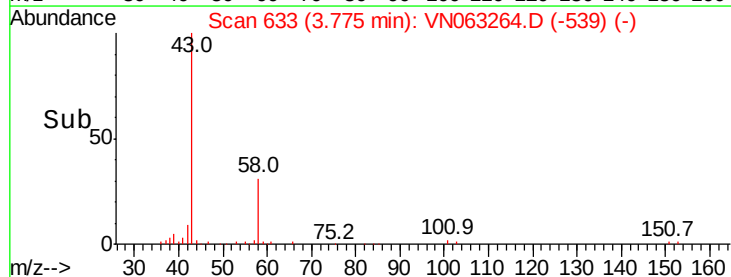
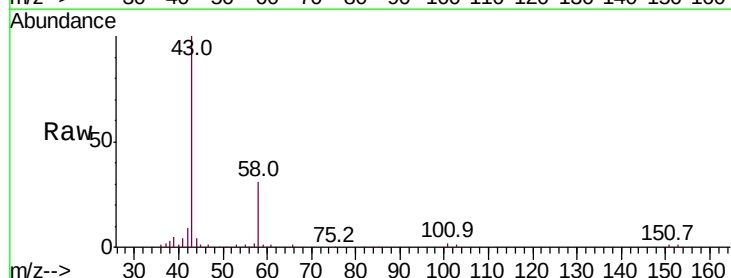
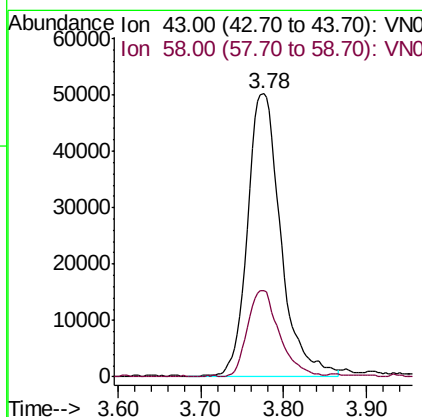
RT: 3.78 min Scan# 633

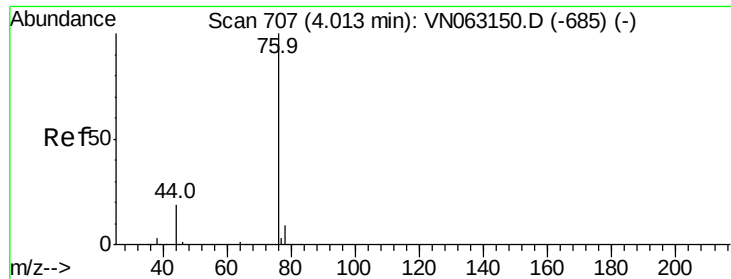
Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:	43	Resp:	140581
Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.1	34.7





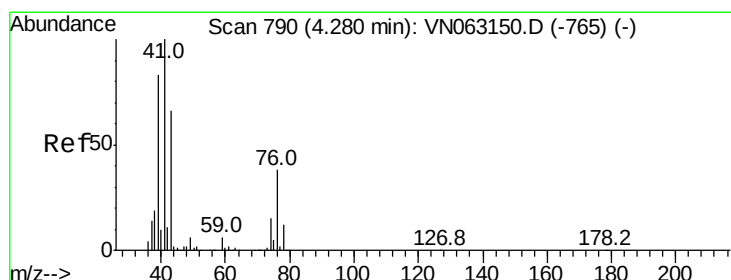
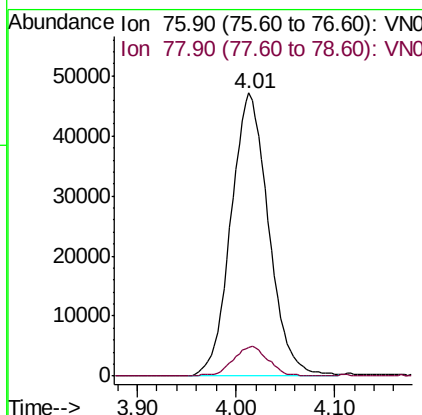
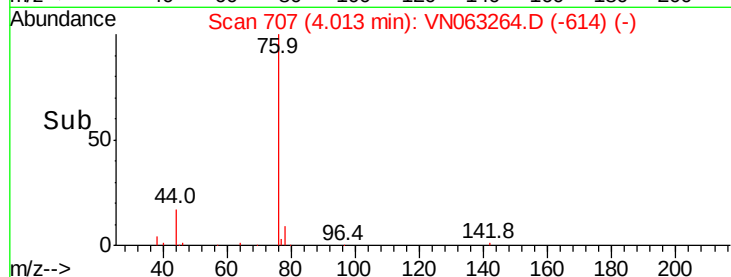
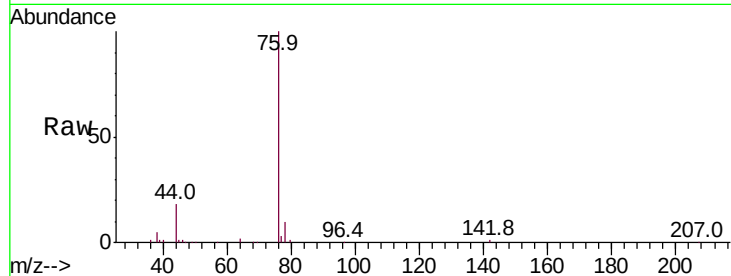
#17
Carbon Disulfide
Concen: 15.737 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.5	11.3

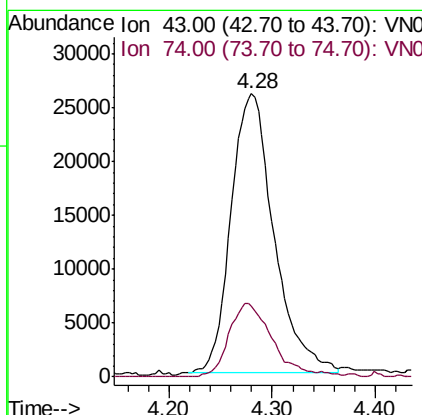
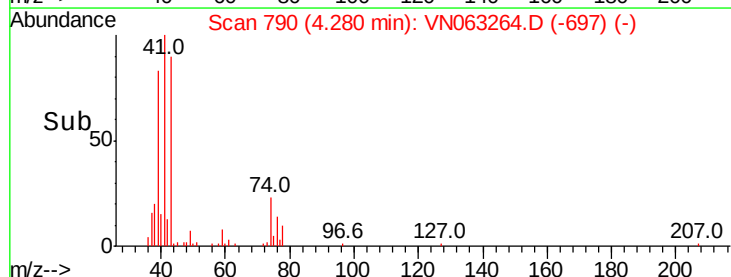
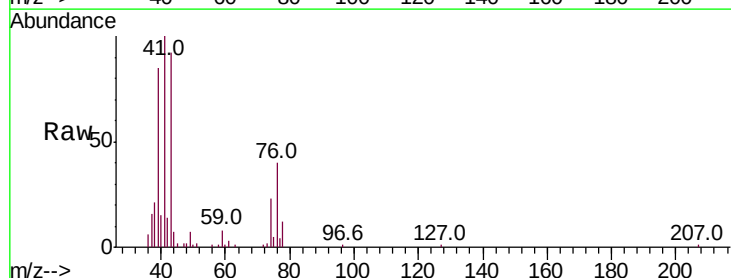
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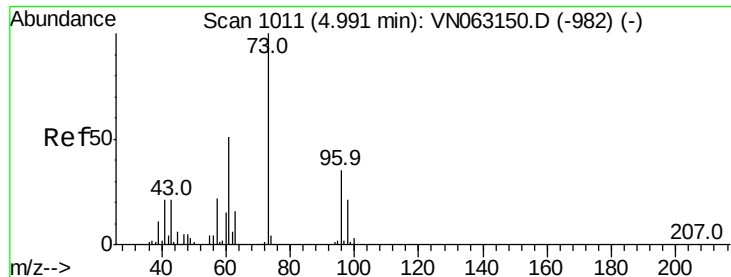
MMDadoda
9/8/2020 1:32:39 PM



#18
Methyl Acetate
Concen: 26.158 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	19.0	28.6





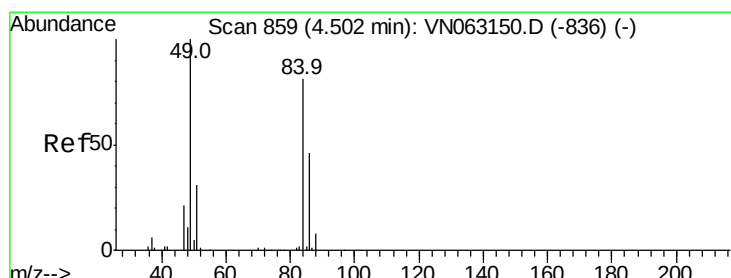
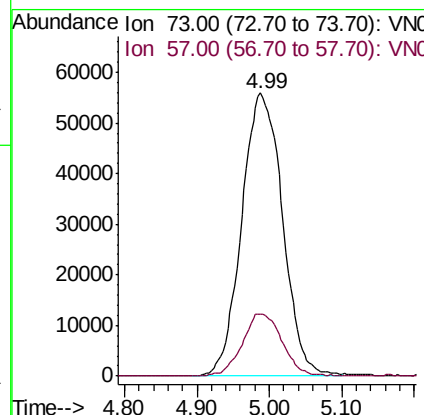
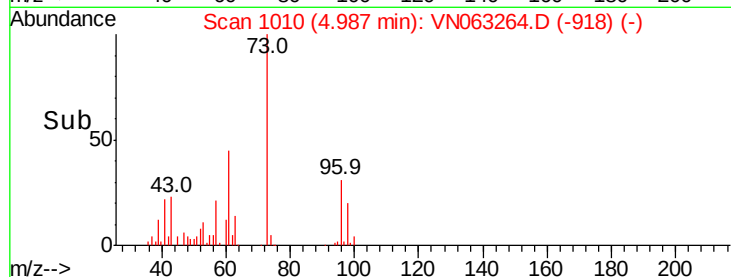
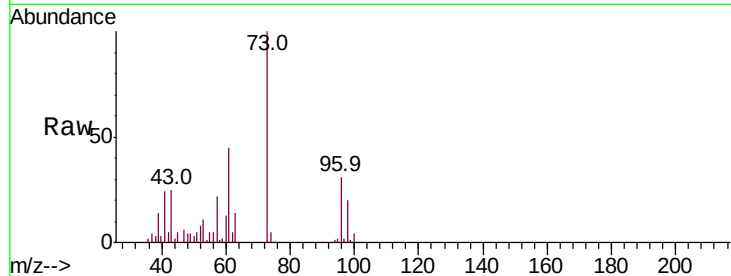
#19
Methvl tert-butvl Ether
Concen: 22.208 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion: 73 Resp: 218910
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

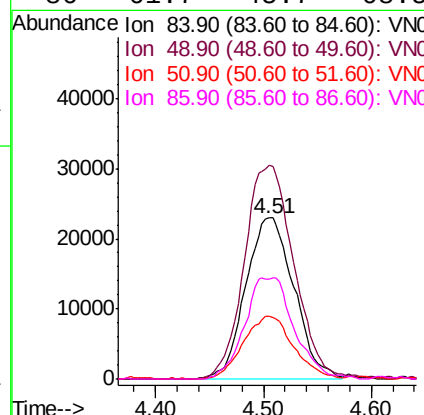
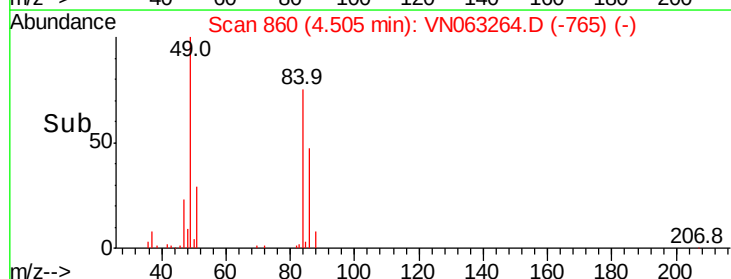
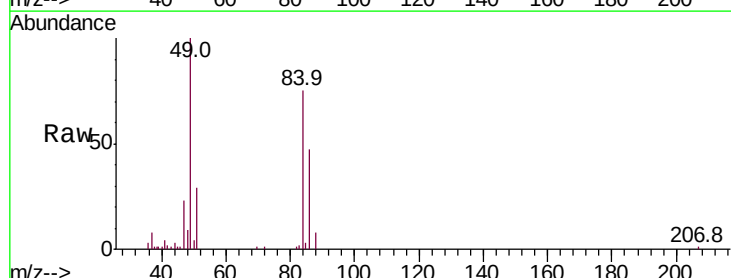
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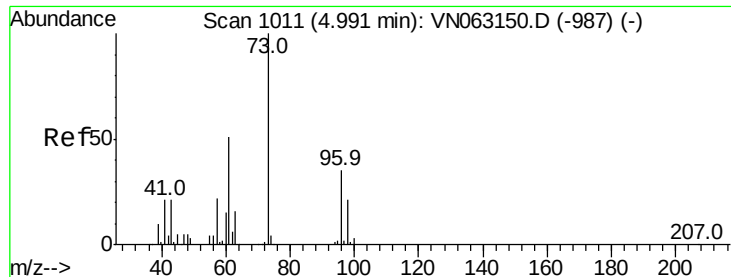
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#20
Methylene Chloride
Concen: 22.353 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion: 84 Resp: 71597
Ion Ratio Lower Upper
84 100
49 132.5 98.4 147.6
51 38.6 30.4 45.6
86 61.7 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 19.988 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion: 96 Resp: 58678

Ion Ratio Lower Upper

96 100

61 125.4 116.2 174.4

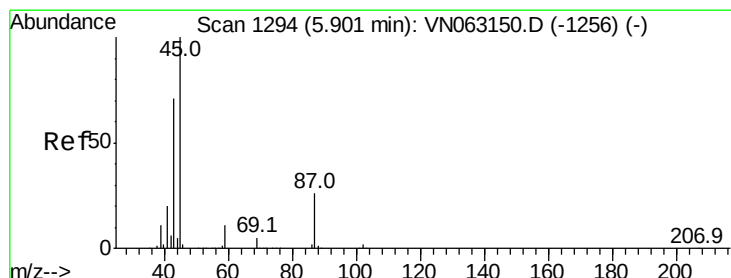
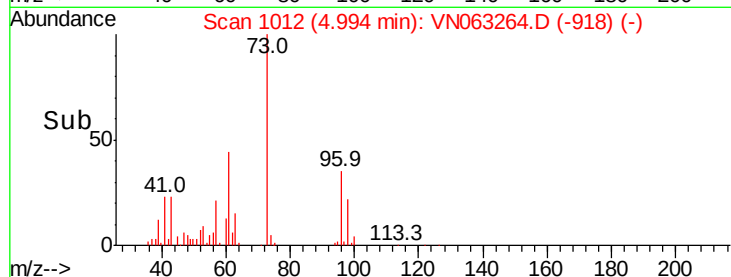
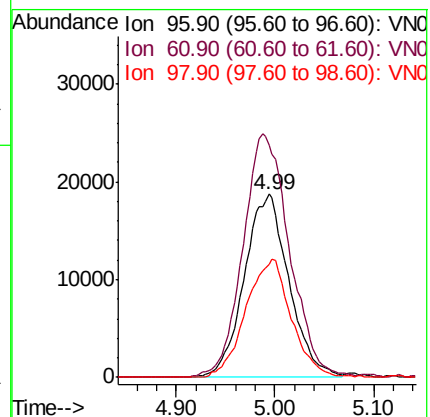
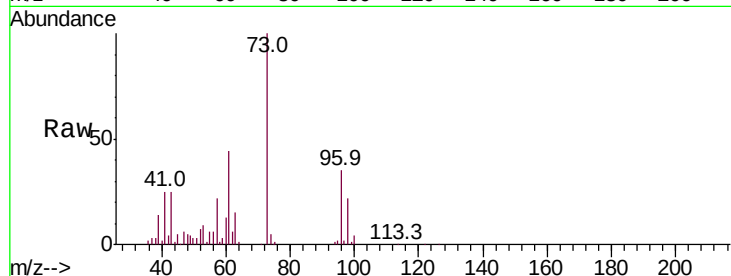
98 61.8 48.0 72.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.907 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion: 45 Resp: 231671

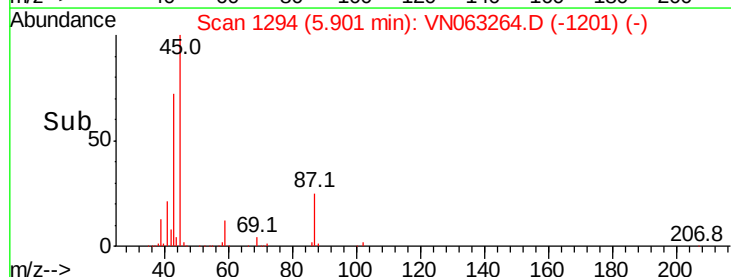
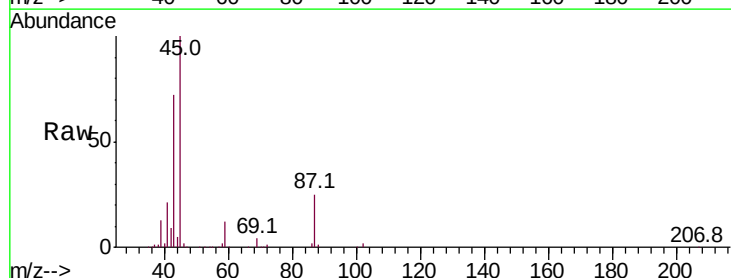
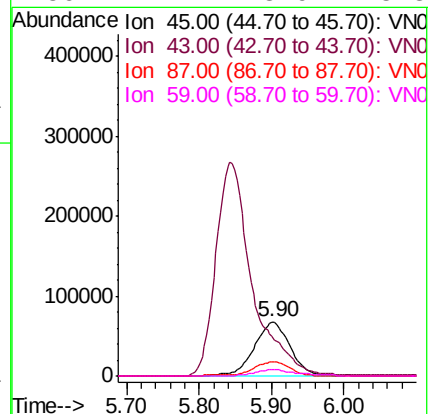
Ion Ratio Lower Upper

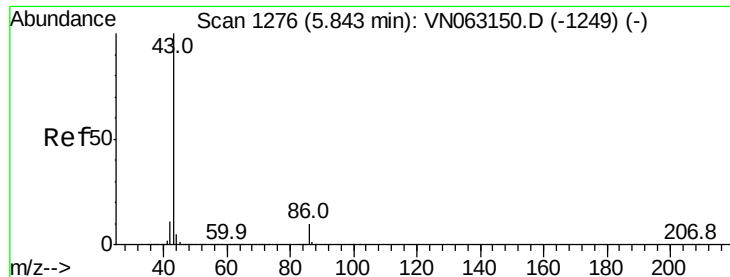
45 100

43 69.7 56.8 85.2

87 25.0 21.1 31.7

59 11.2 8.9 13.3





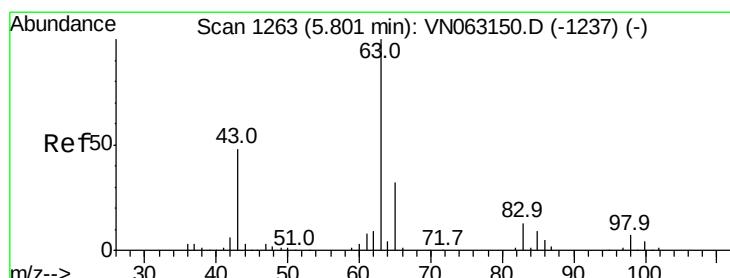
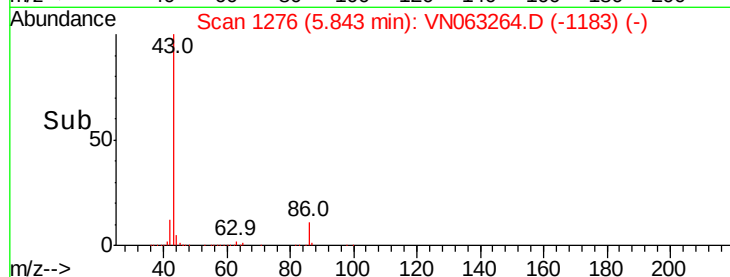
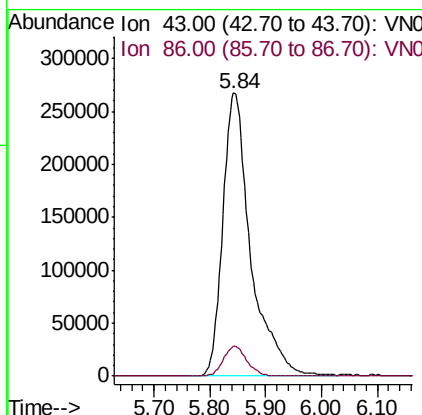
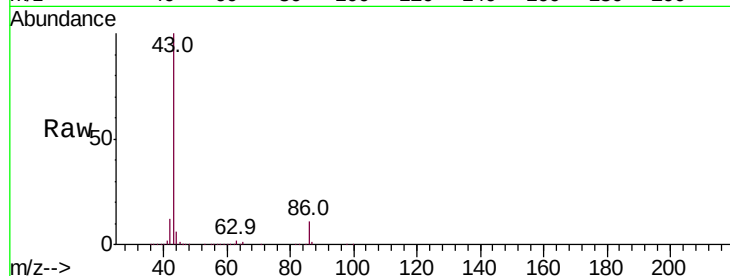
#23
 Vinyl Acetate
 Concen: 110.644 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.3	12.5

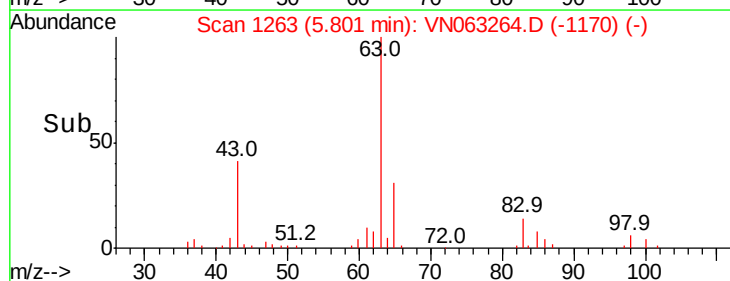
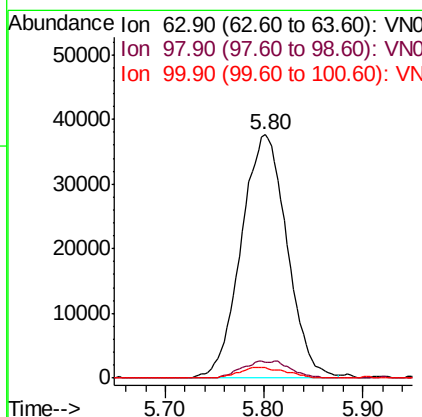
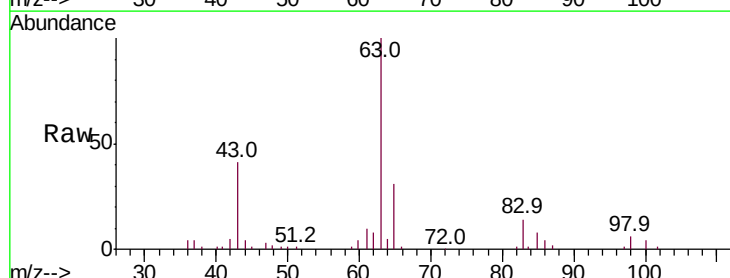
Manual Integrations
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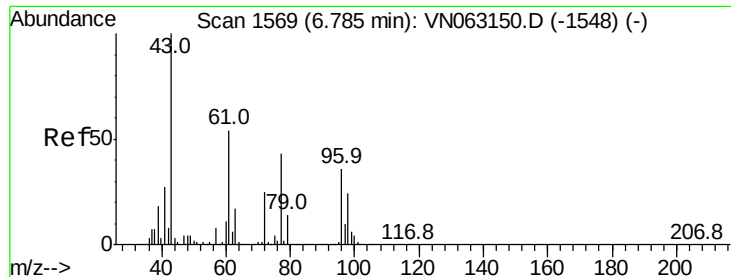
MMDadoda
 9/8/2020 1:32:39 PM



#24
 1,1-Dichloroethane
 Concen: 20.700 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.4	10.1
100	4.1	2.3	6.8





#25

2-Butanone

Concen: 122.906 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion: 43 Resp: 214179

Ion Ratio Lower Upper

43 100

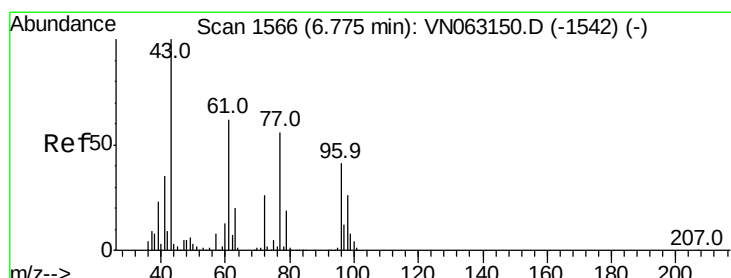
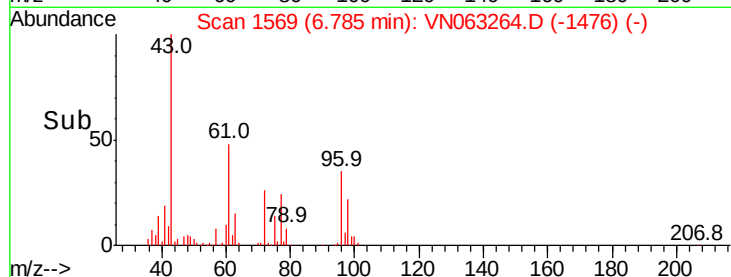
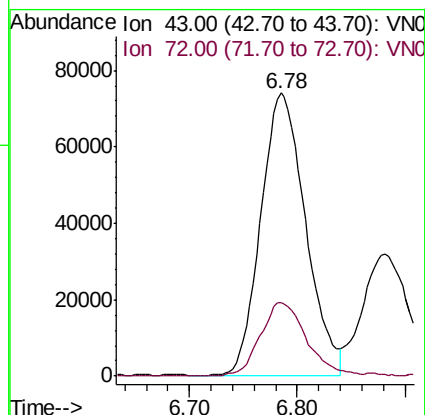
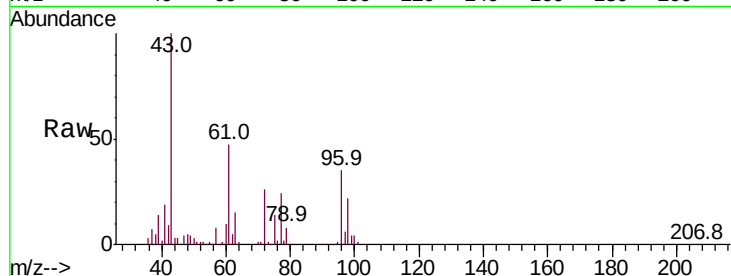
72 26.0 20.2 30.4

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 12.241 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063264.D

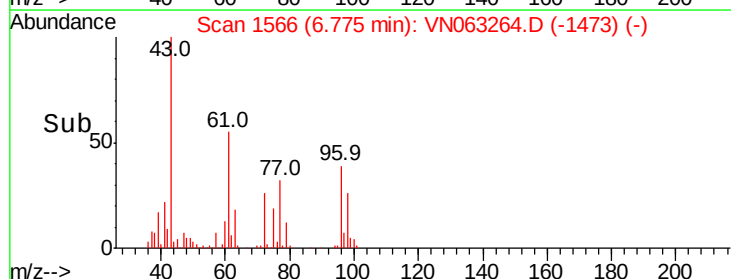
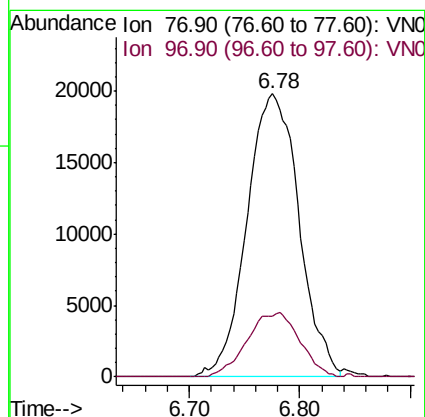
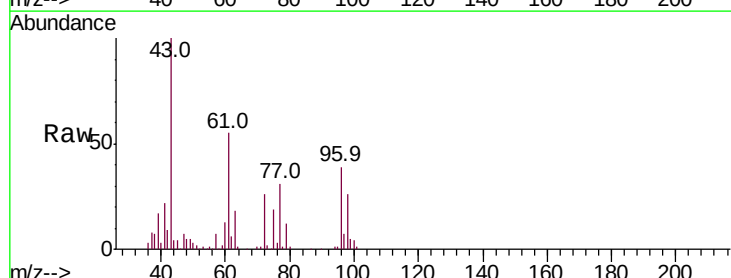
Acq: 5 Sep 2020 3:12

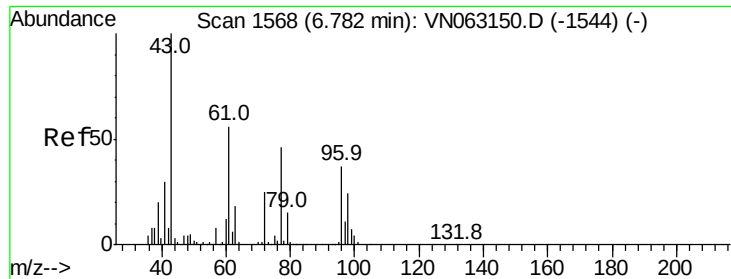
Tgt Ion: 77 Resp: 64657

Ion Ratio Lower Upper

77 100

97 22.9 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 21.070 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063264.D

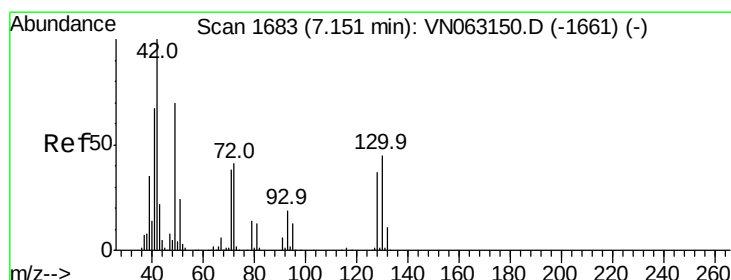
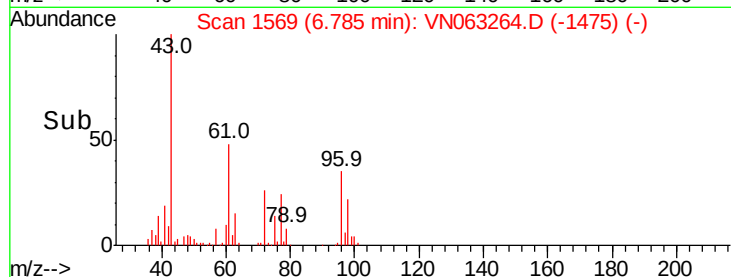
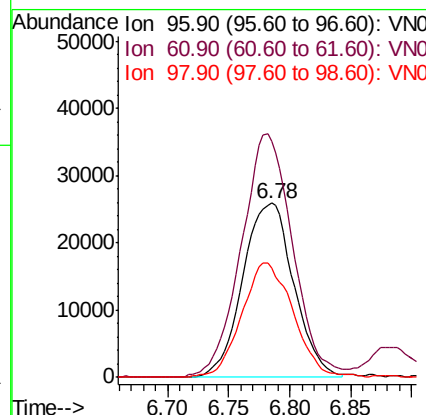
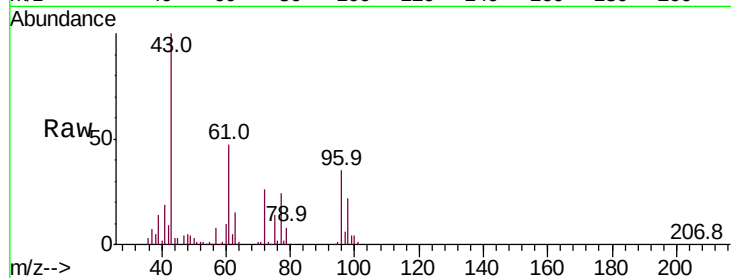
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.2	0.0	303.2	
98	66.0	0.0	129.0	

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#28

Bromochloromethane

Concen: 22.036 ug/l

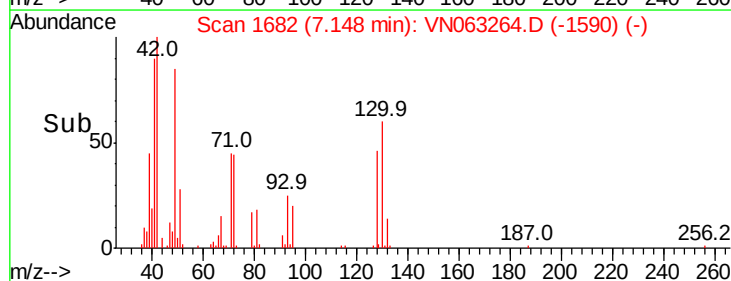
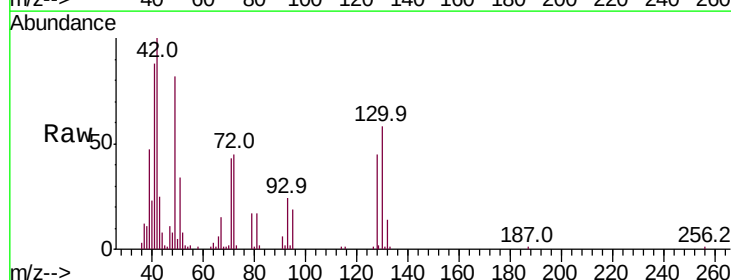
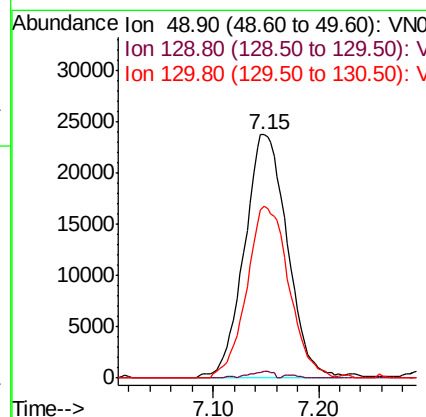
RT: 7.15 min Scan# 1682

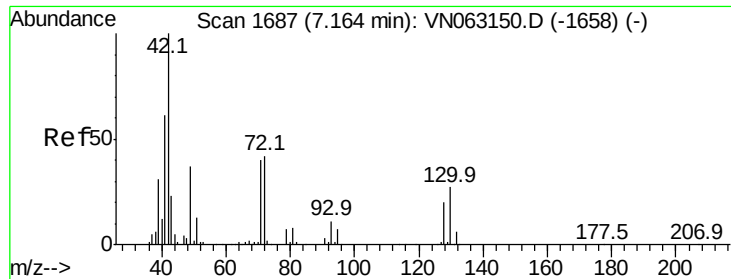
Delta R.T. -0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	4.0	
130	69.5	54.4	81.6	





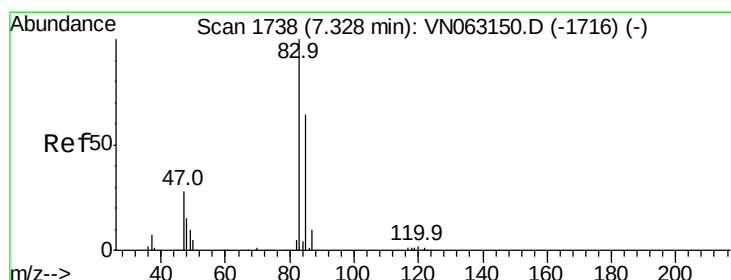
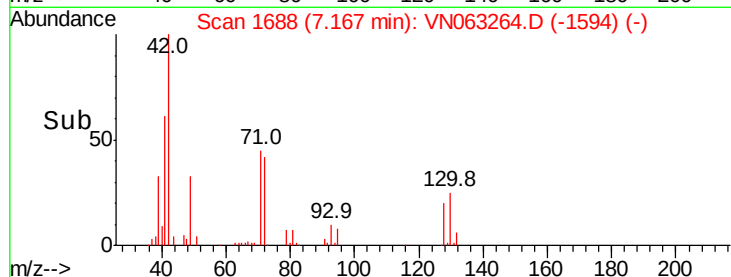
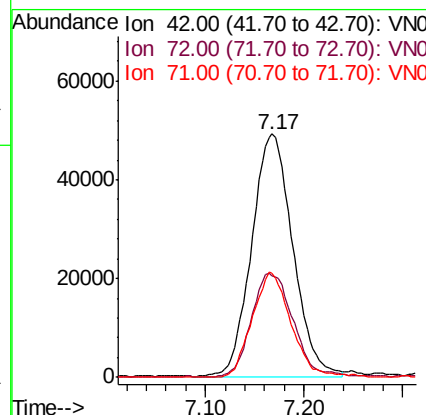
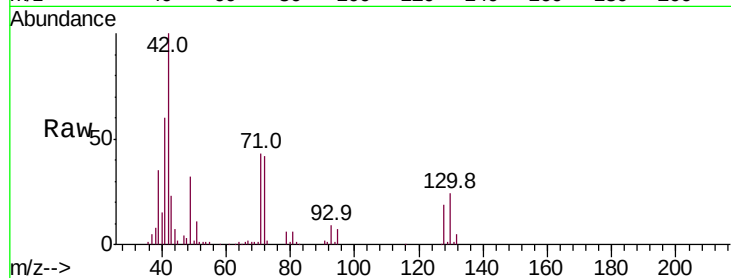
#29
Tetrahydrofuran
Concen: 117.707 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	33.9	50.9
71	40.7	31.9	47.9

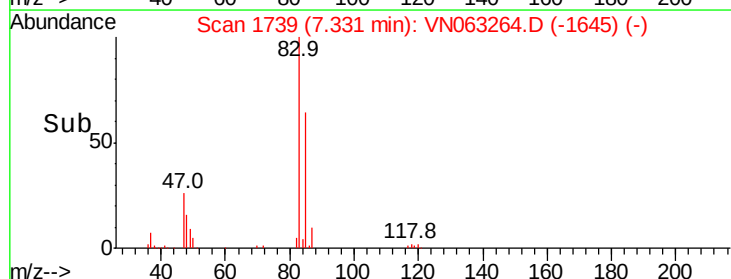
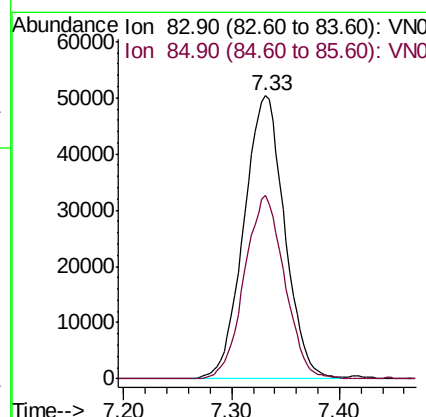
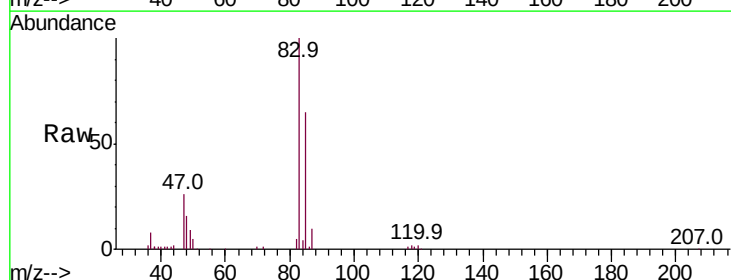
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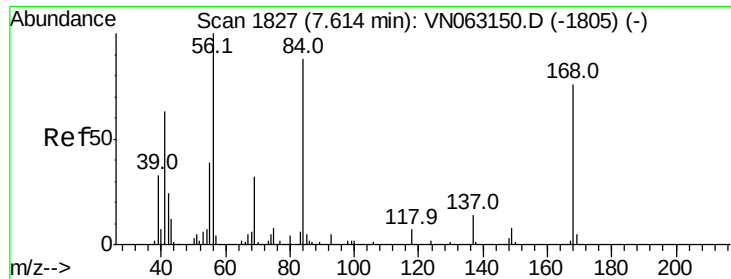
MMDadoda
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#30
Chloroform
Concen: 21.696 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.0	76.6





#31

Cyclohexane

Concen: 13.779 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion: 56 Resp: 77313

Ion Ratio Lower Upper

56 100

69 38.5 25.4 38.0#

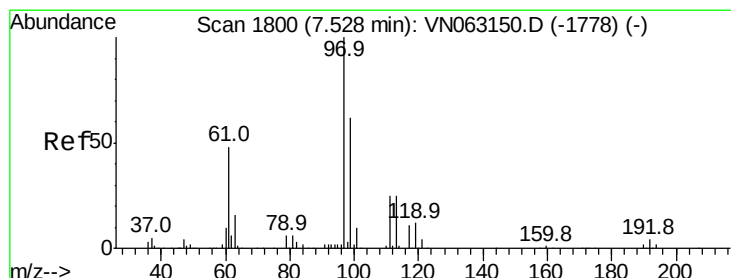
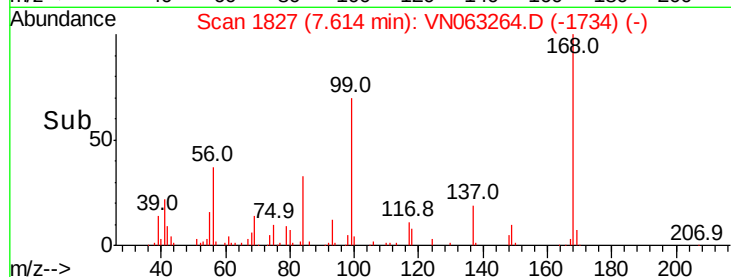
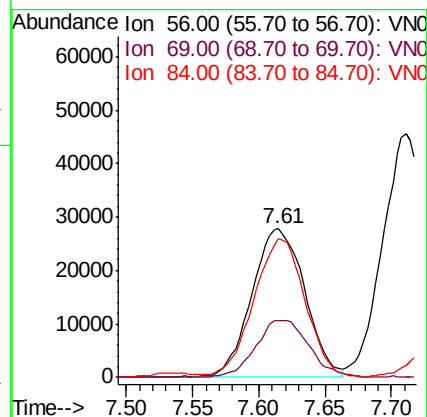
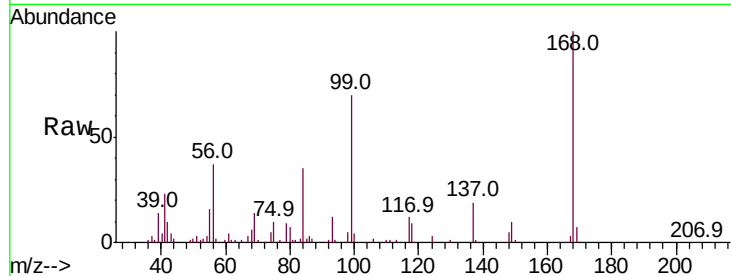
84 91.9 70.2 105.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.394 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

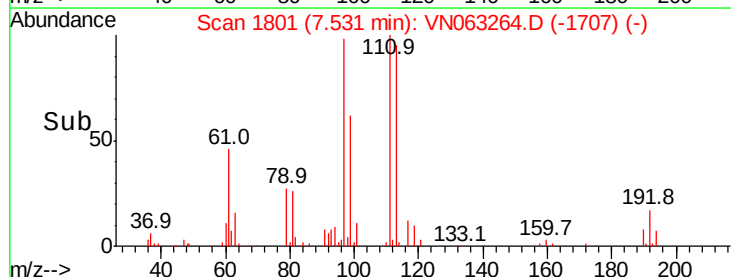
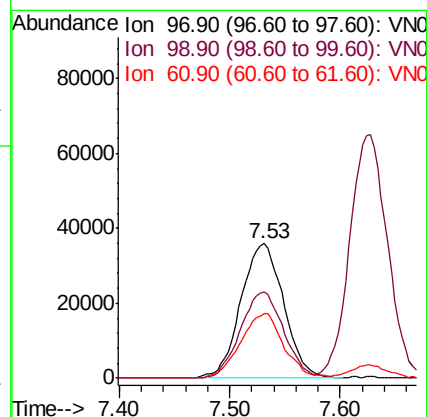
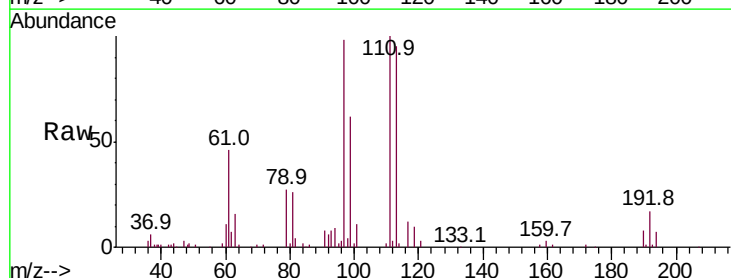
Tgt Ion: 97 Resp: 96677

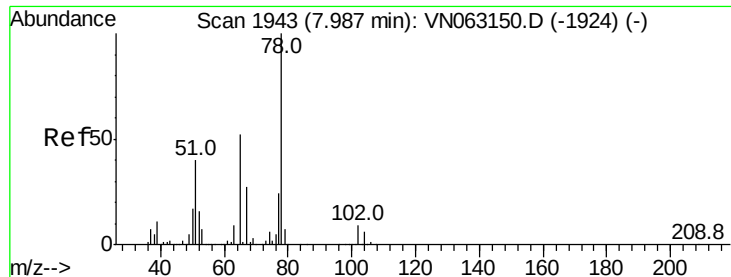
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 48.2 37.4 56.2





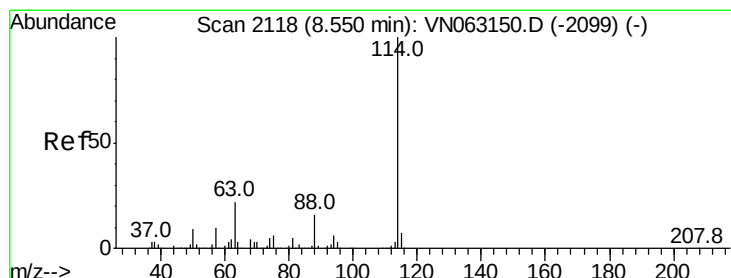
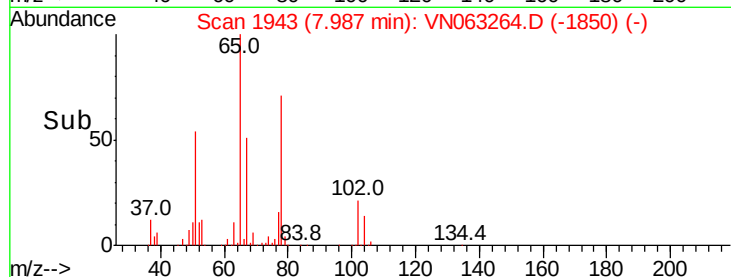
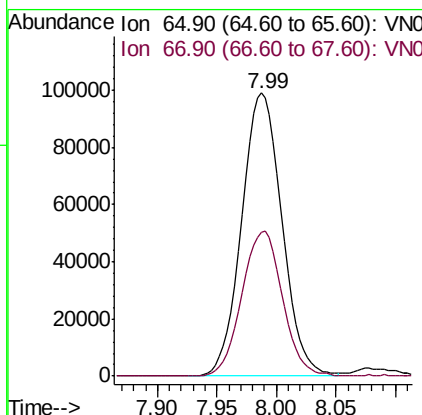
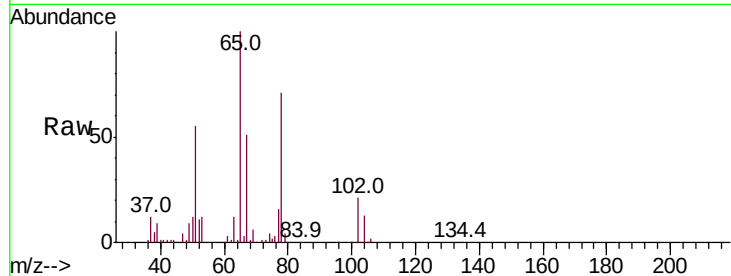
#33
 1,2-Dichloroethane-d4
 Concen: 58.835 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.4

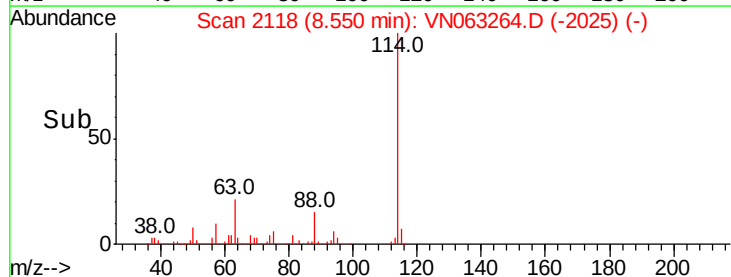
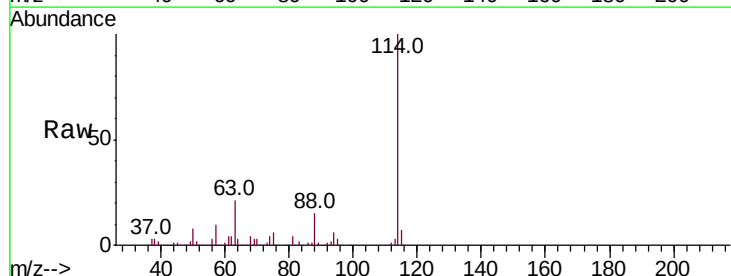
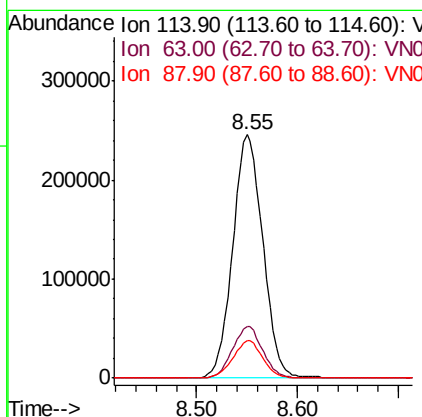
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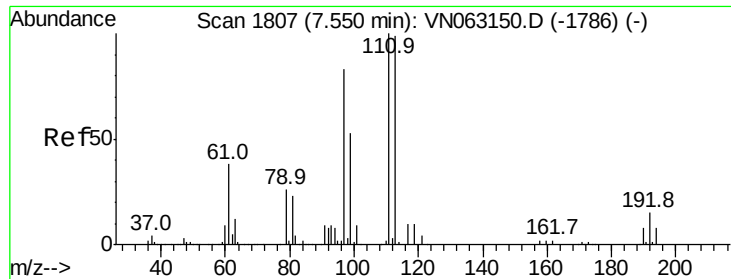
MMDadoda
 9/8/2020 1:32:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.0
88	15.2	0.0	31.6





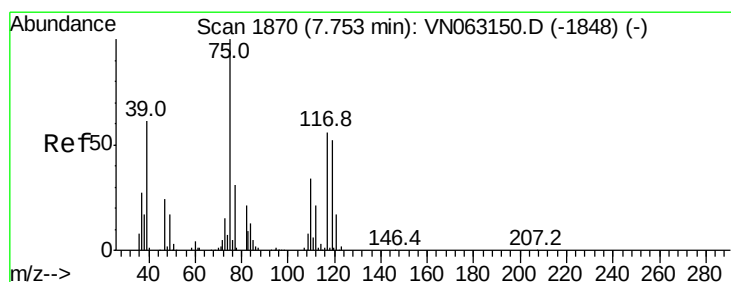
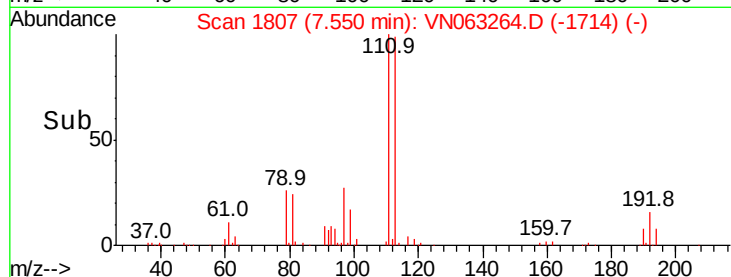
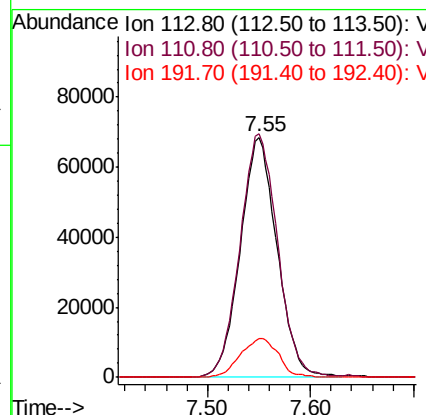
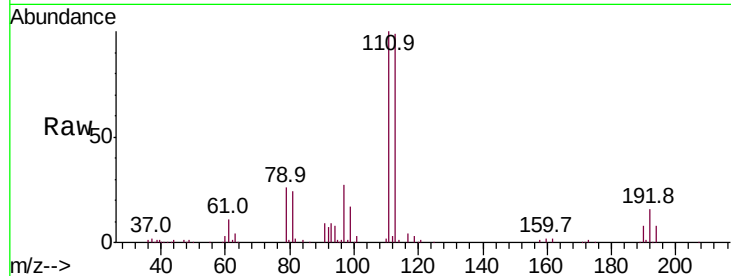
#35
 Dibromofluoromethane
 Concen: 51.853 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	169742		
111	104.1	80.7	121.1	
192	16.8	12.6	19.0	

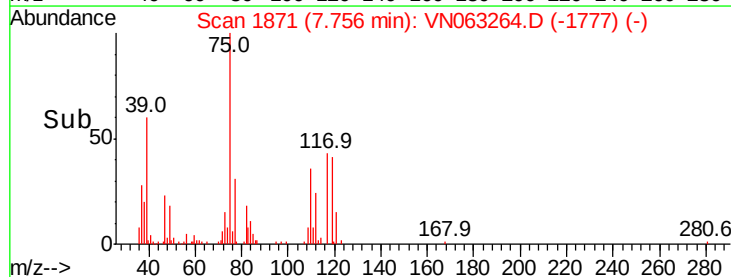
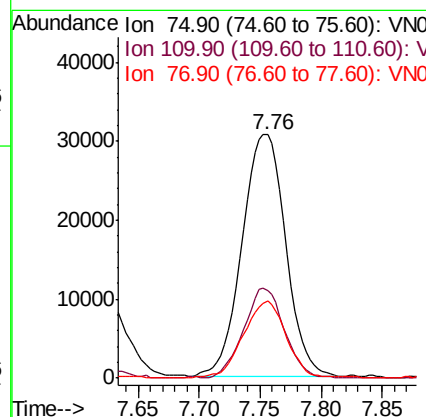
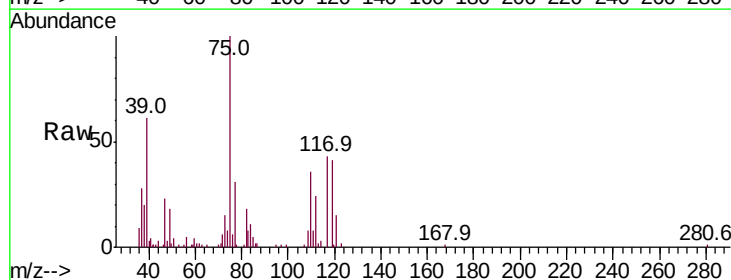
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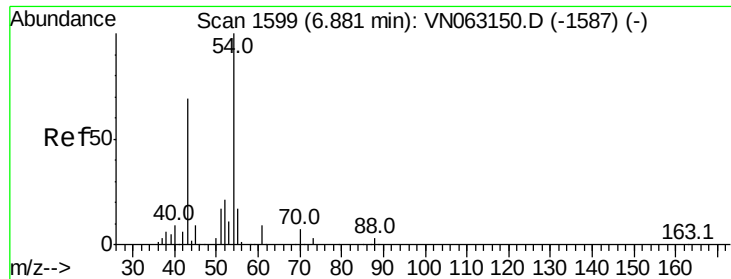
MMDadoda
 9/8/2020 1:32:39 PM



#36
 1,1-Dichloropropene
 Concen: 15.547 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76263		
110	34.5	16.6	49.8	
77	31.3	25.4	38.2	





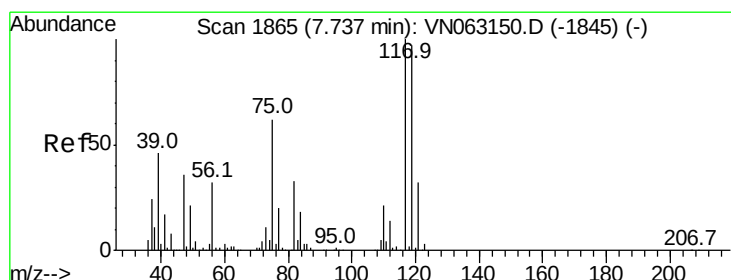
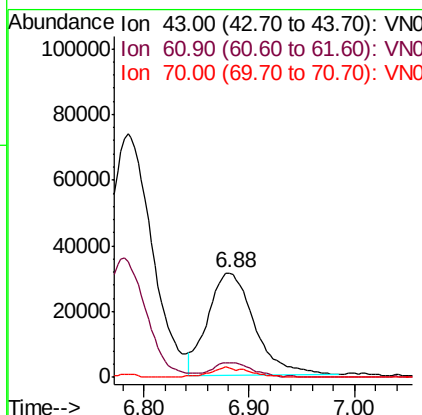
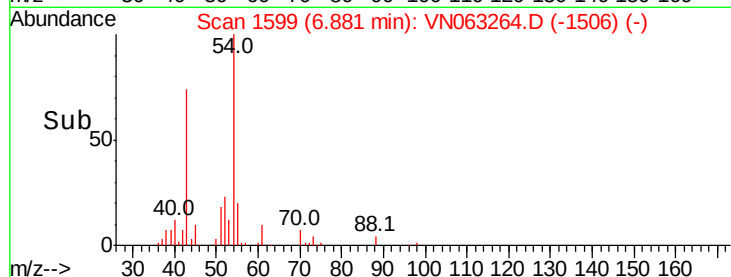
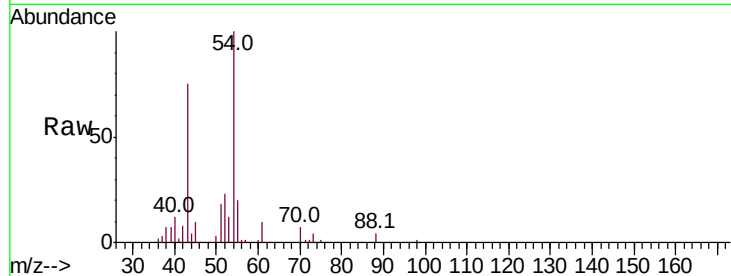
#37
Ethyl Acetate
Concen: 20.865 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampled :
VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.3	10.2	15.4
70	5.2	3.0	4.6

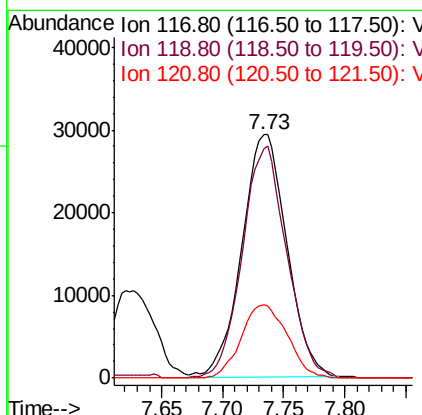
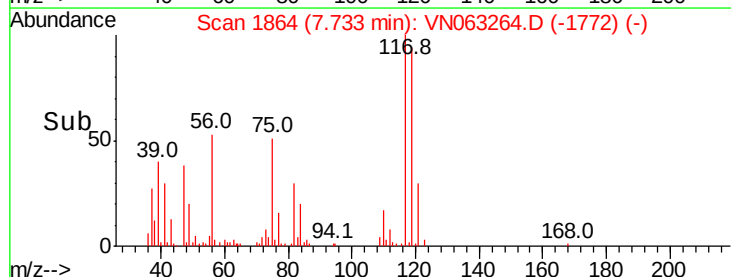
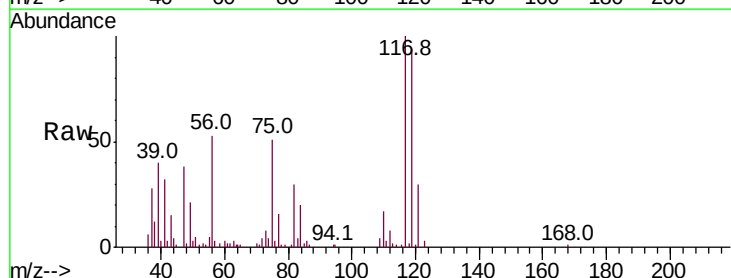
Manual Integrations
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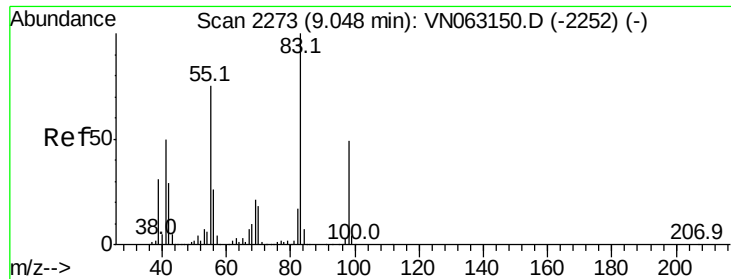
MMDadoda
9/8/2020 1:32:39 PM



#38
Carbon Tetrachloride
Concen: 15.085 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.2	115.8
121	30.3	25.6	38.4





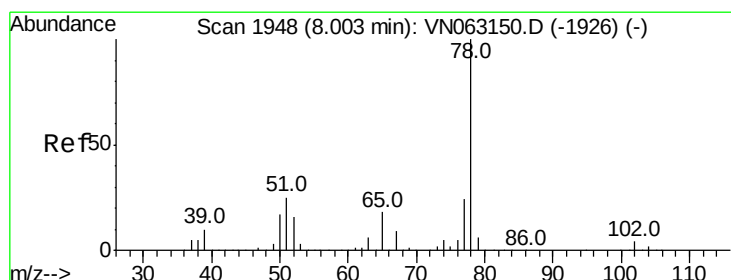
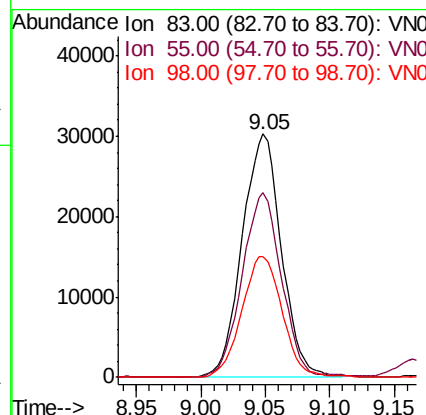
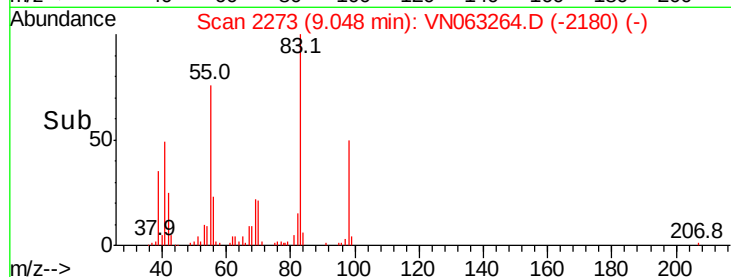
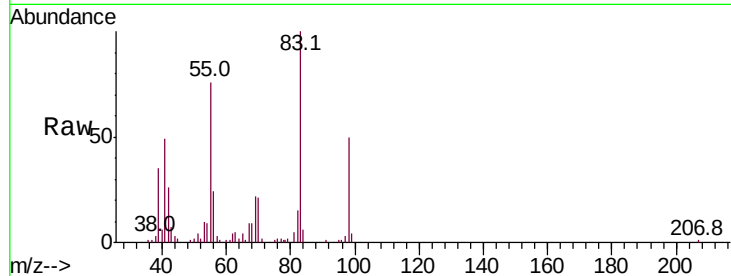
#39
Methylvlcyclohexane
Concen: 11.648 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.9	60.3	90.5	
98	49.6	38.9	58.3	

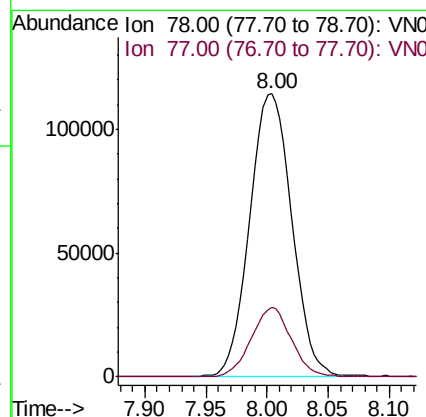
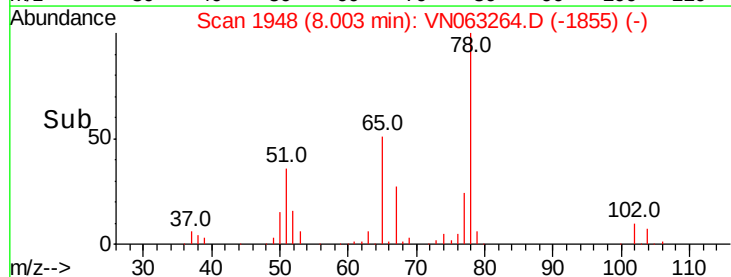
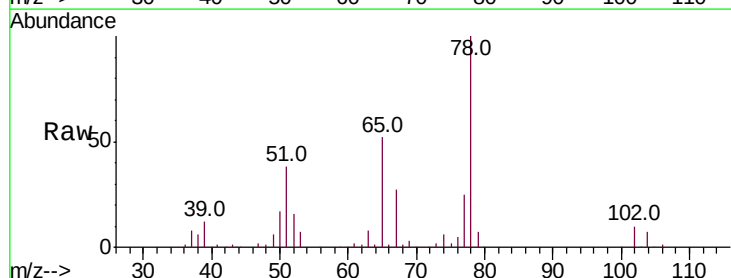
Manual Integrations
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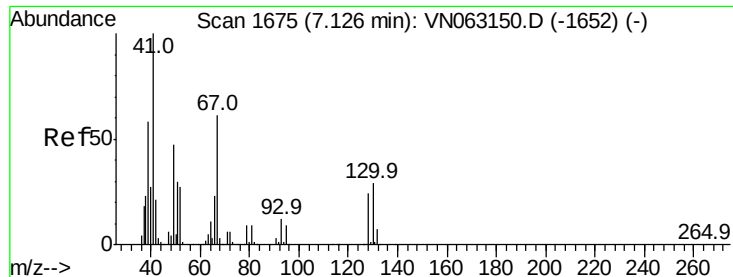
MMDadoda
9/8/2020 1:32:39 PM



#40
Benzene
Concen: 19.015 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.7	19.3	28.9	





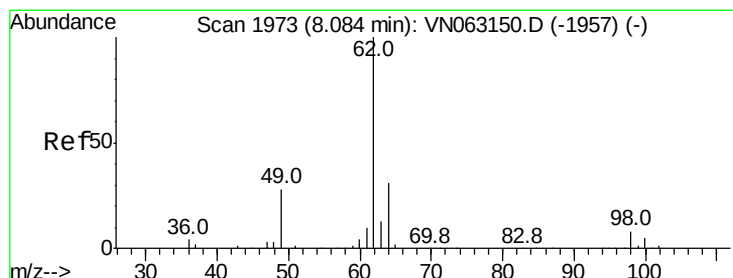
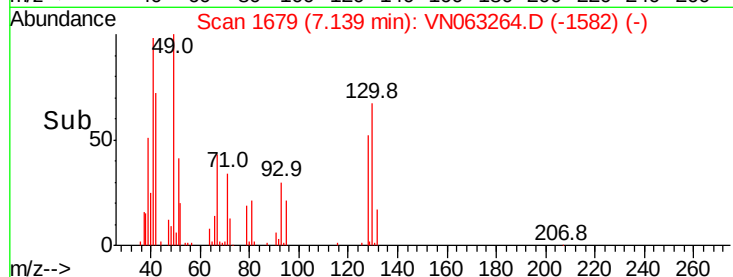
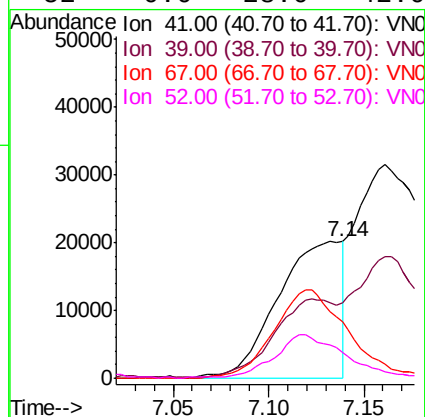
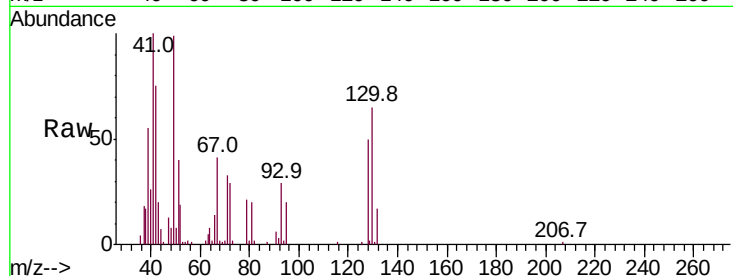
#41
Methacrylonitrile
Concen: 22.798 ug/l m
RT: 7.14 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	87.1	46.6	70.0#
67	0.0	62.6	94.0#
52	0.0	28.0	42.0#

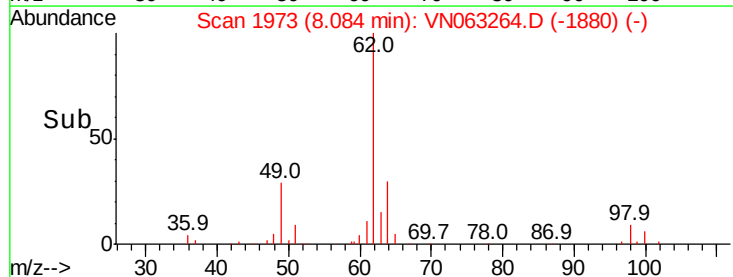
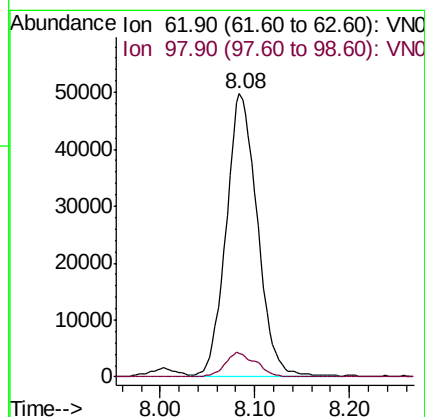
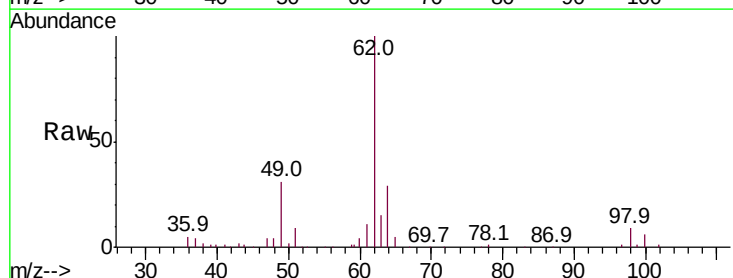
Manual Integrations
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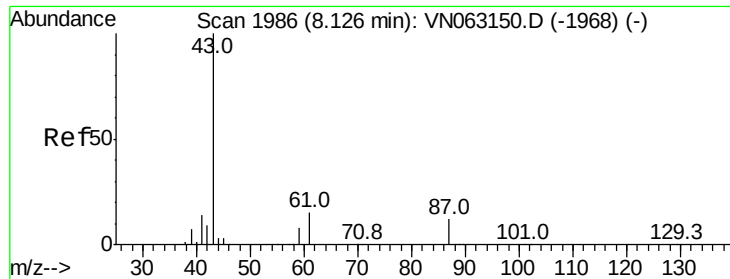
MMDadoda
9/8/2020 1:32:39 PM



#42
1,2-Dichloroethane
Concen: 21.006 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.416 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

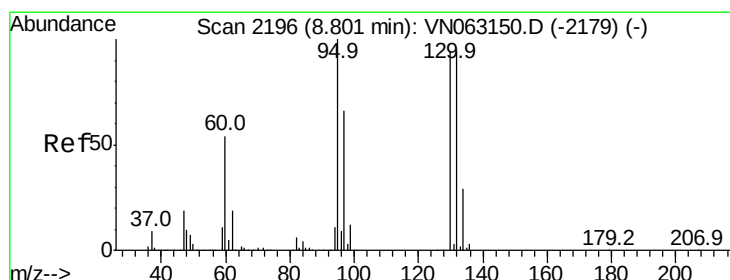
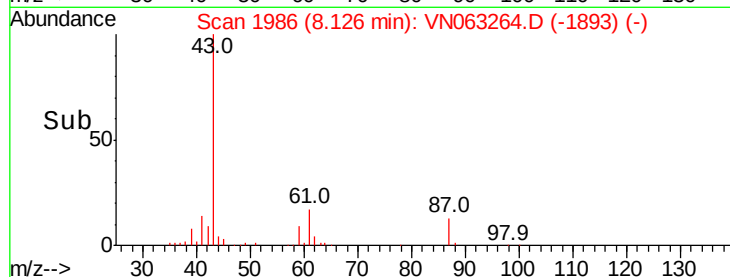
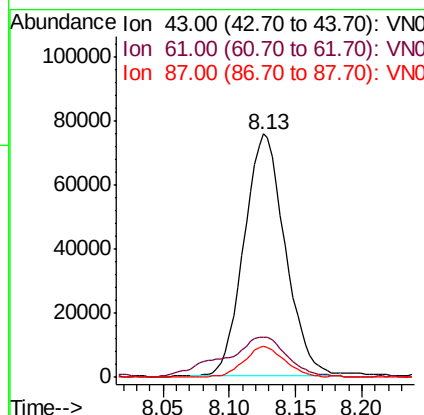
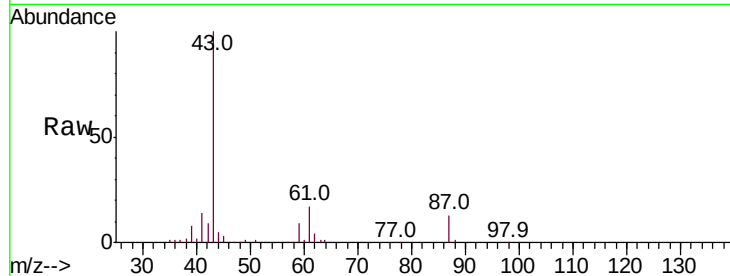
ClientSampleId :

VN0904WBSD02

Tot Ion:	43	Resp:	163322
Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.2	30.4
87	12.7	9.8	14.6

Manual Integrations
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9/8/2020 1:32:39 PM



#44

Trichloroethene

Concen: 19.454 ug/l

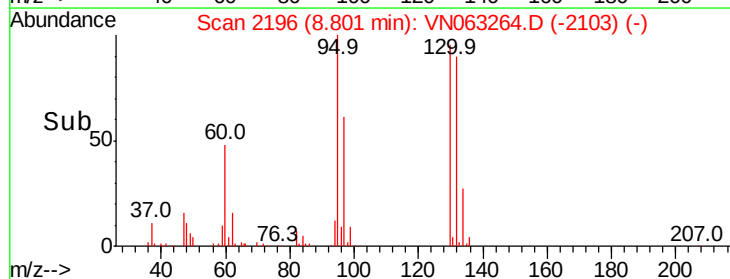
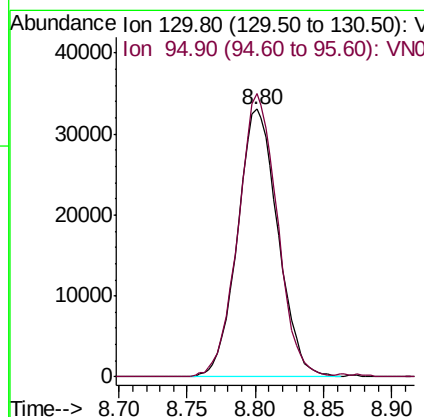
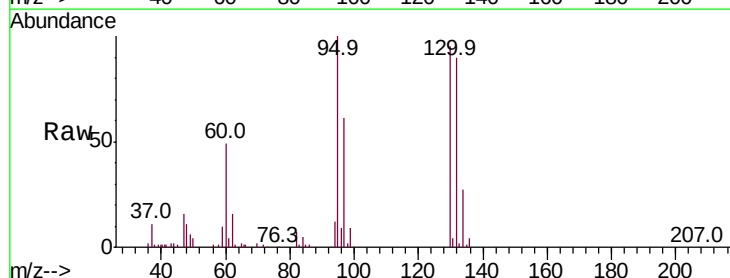
RT: 8.80 min Scan# 2196

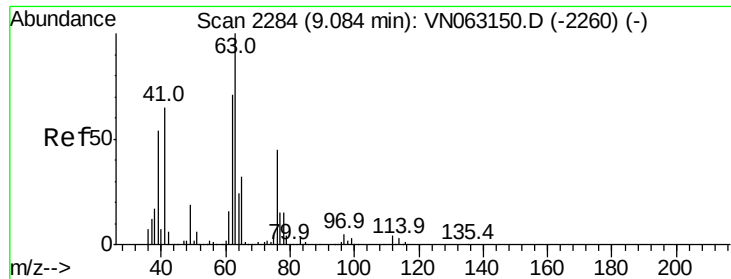
Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:	130	Resp:	68020
Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	212.0





#45

1,2-Dichloropropane

Concen: 19.292 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion: 63 Resp: 73627

Ion Ratio Lower Upper

63 100

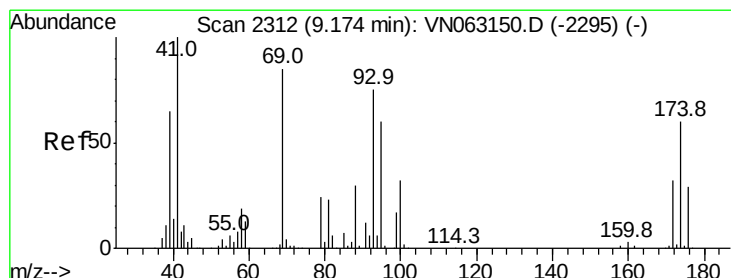
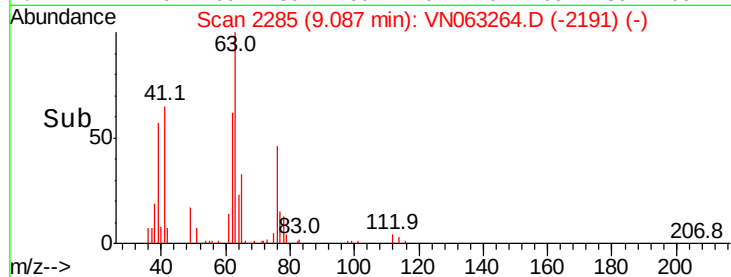
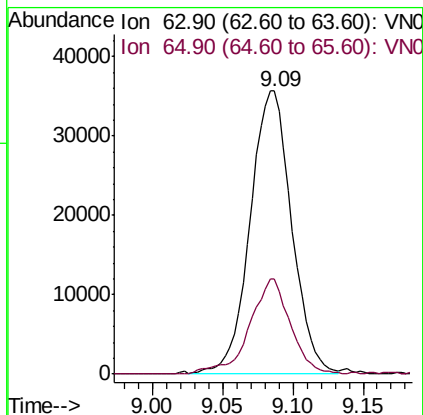
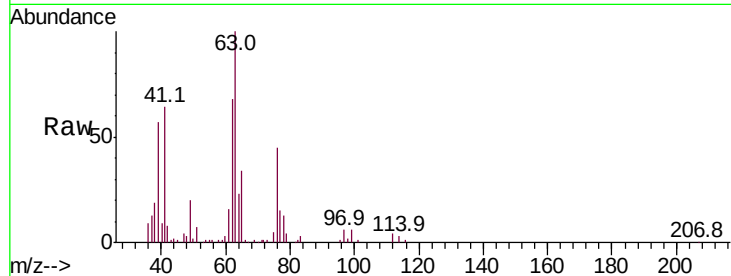
65 33.5 25.4 38.0

Manual Integrations

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MMDadoda

9/8/2020 1:32:39 PM



#46

Dibromomethane

Concen: 21.551 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

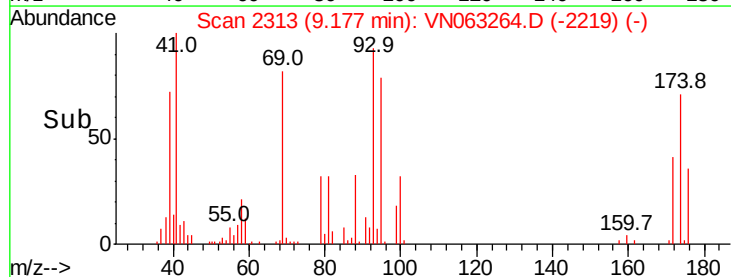
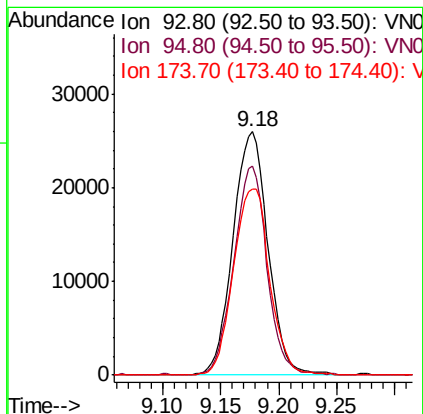
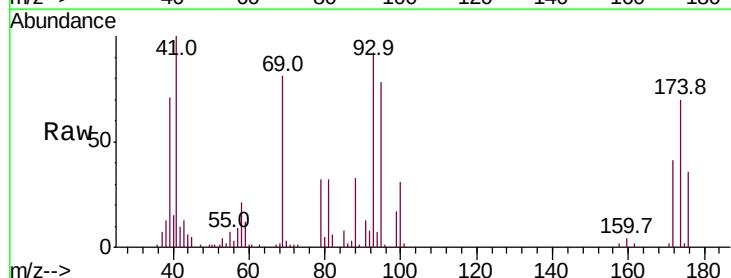
Tgt Ion: 93 Resp: 54506

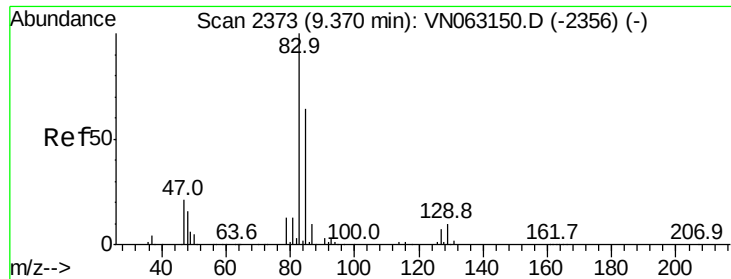
Ion Ratio Lower Upper

93 100

95 81.2 65.2 97.8

174 79.3 64.6 97.0





#47

Bromodichloromethane

Concen: 19.481 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

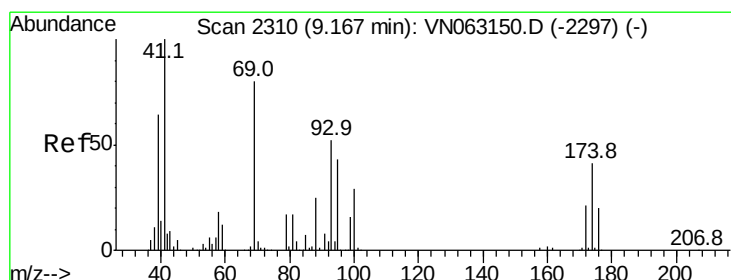
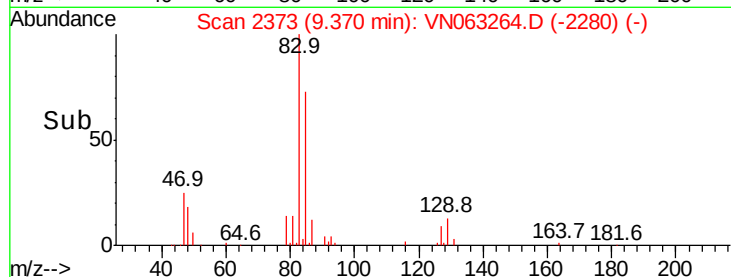
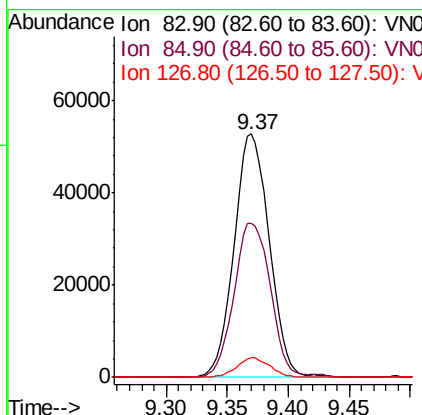
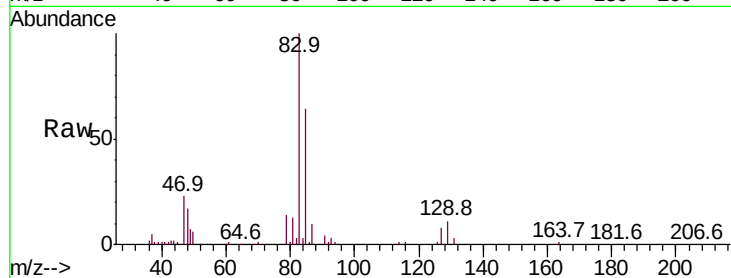
ClientSampleId :

VN0904WBSD02

Tot Ion:	83	Resp:	105614
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.0	76.6
127	8.0	5.7	8.5

Manual Integrations
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9/8/2020 1:32:39 PM



#48

Methyl methacrylate

Concen: 20.964 ug/l

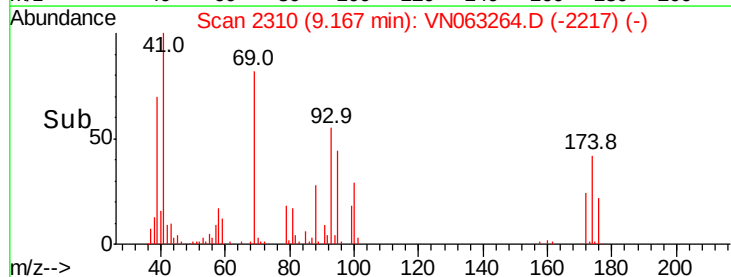
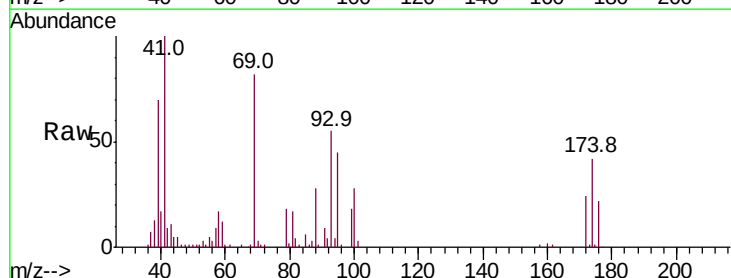
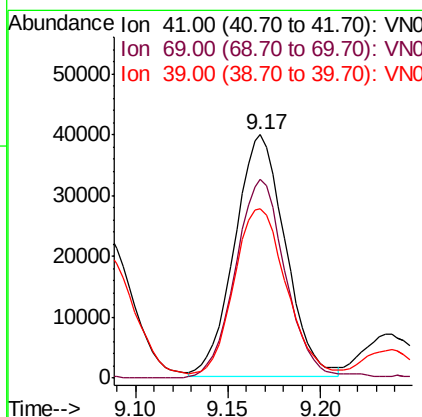
RT: 9.17 min Scan# 2310

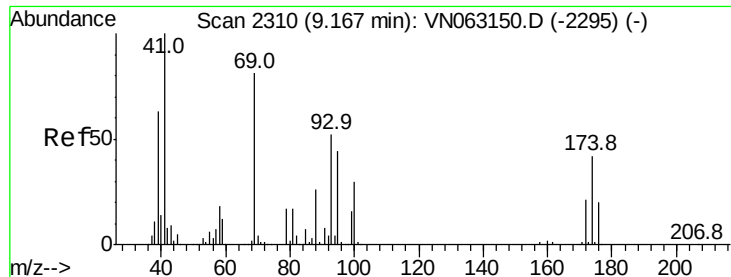
Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:	41	Resp:	75602
Ion Ratio	Lower	Upper	
41	100		
69	81.6	65.9	98.9
39	72.0	52.0	78.0





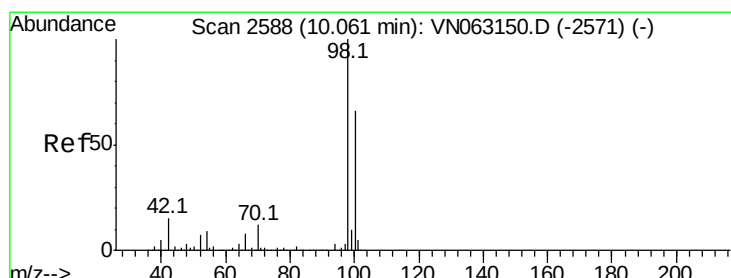
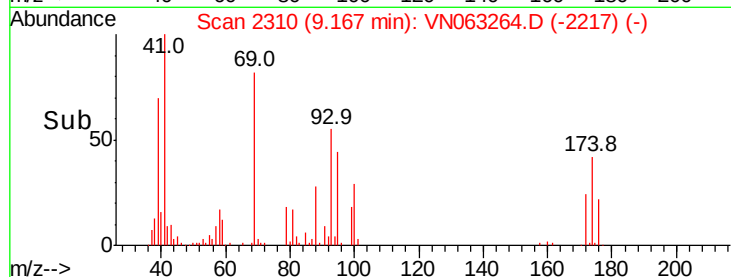
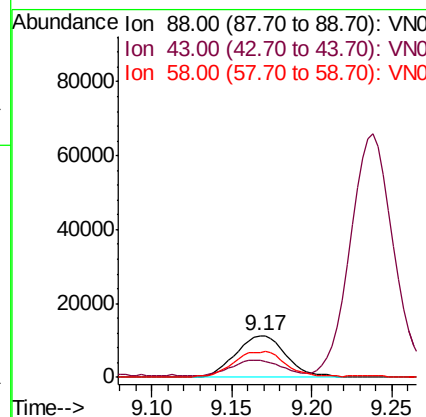
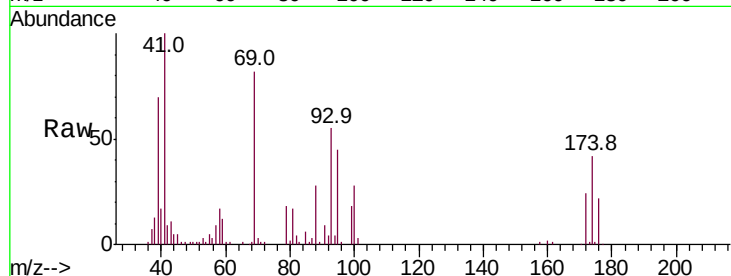
#49
1,4-Dioxane
Concen: 437.028 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.0	28.6	42.8
58	65.5	53.2	79.8

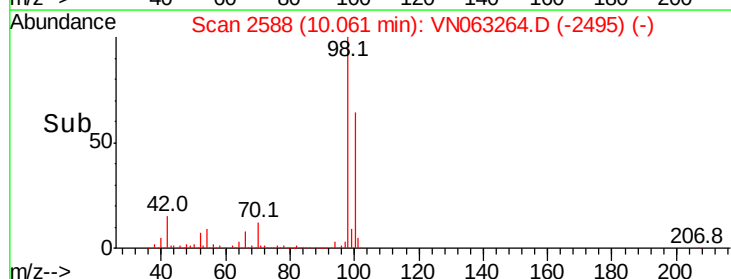
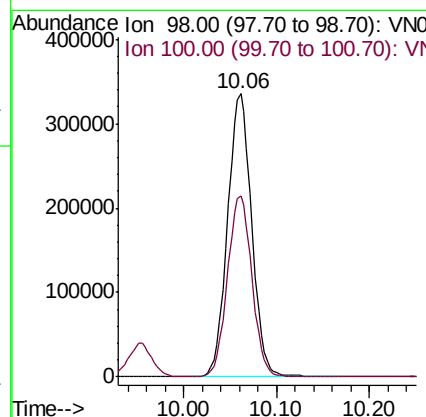
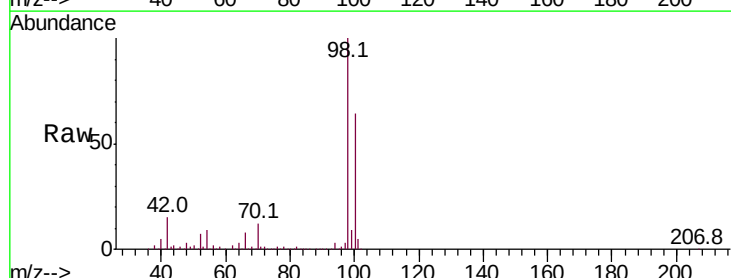
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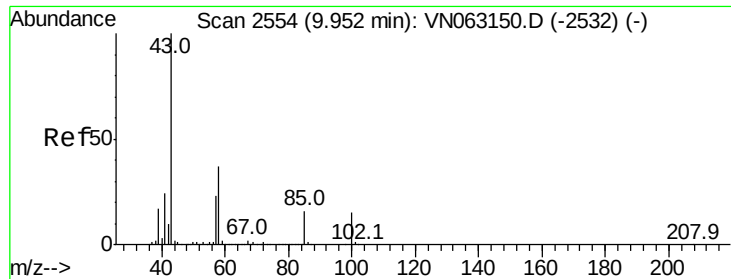
MMDadoda
9/8/2020 1:32:39 PM



#50
Toluene-d8
Concen: 47.999 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0





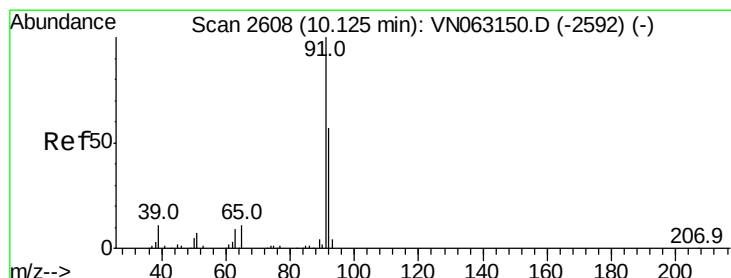
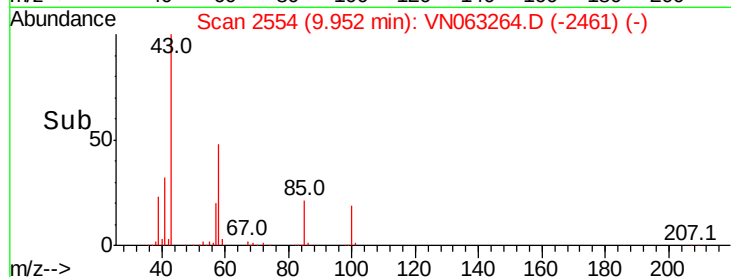
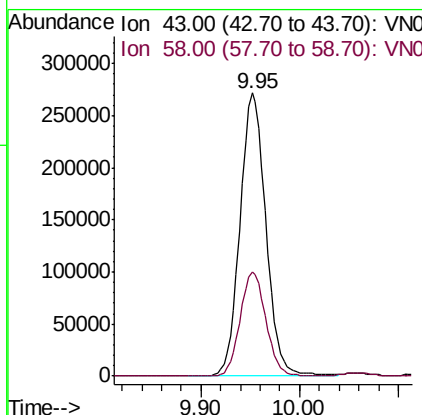
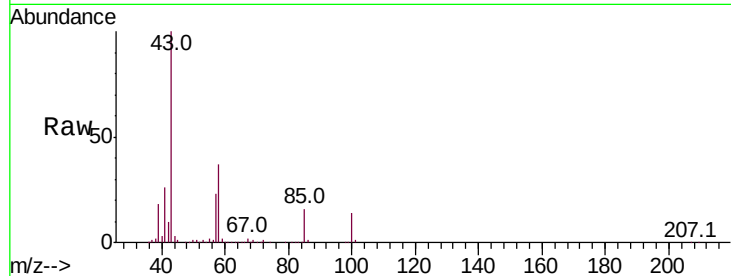
#51
 4-Methyl-2-Pentanone
 Concen: 112.933 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Tot Ion	43	58	Ratio	100	36.9	Resp	490935	Lower	29.2	Upper	43.8
Ion	43	58	Ratio	100	36.9	Resp	490935	Lower	29.2	Upper	43.8

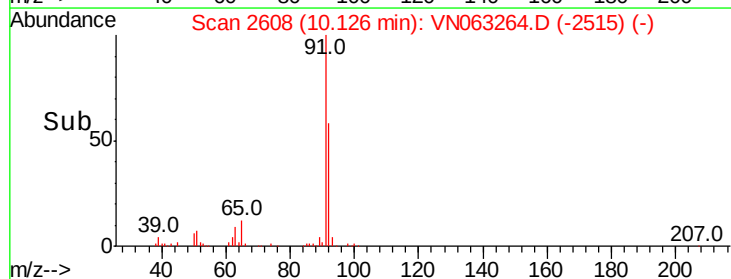
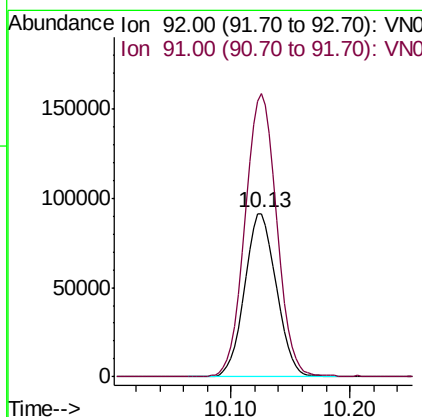
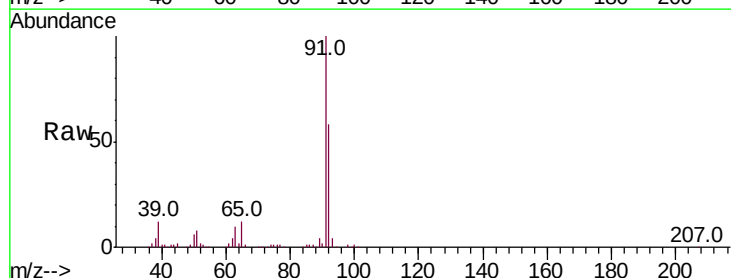
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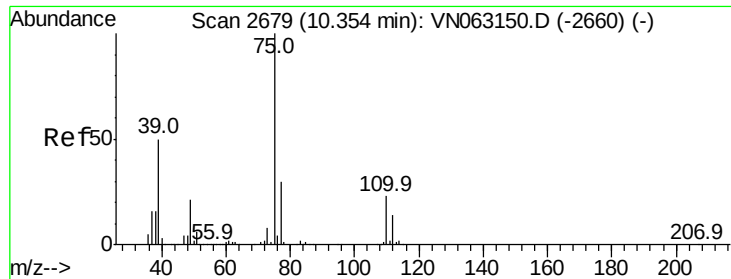
MMDadoda
 9/8/2020 1:32:39 PM



#52
 Toluene
 Concen: 18.838 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	92	91	Ratio	100	173.0	Resp	169153	Lower	141.2	Upper	211.8
Ion	92	91	Ratio	100	173.0	Resp	169153	Lower	141.2	Upper	211.8





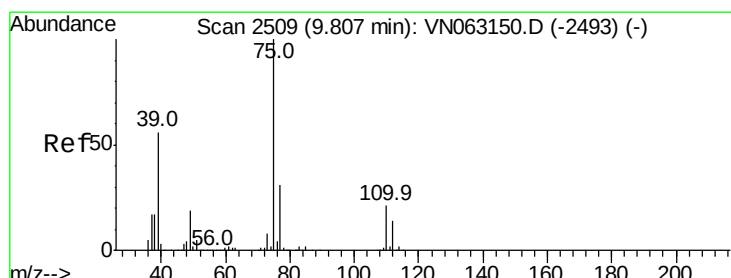
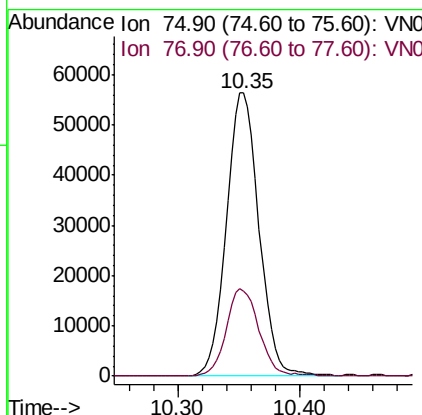
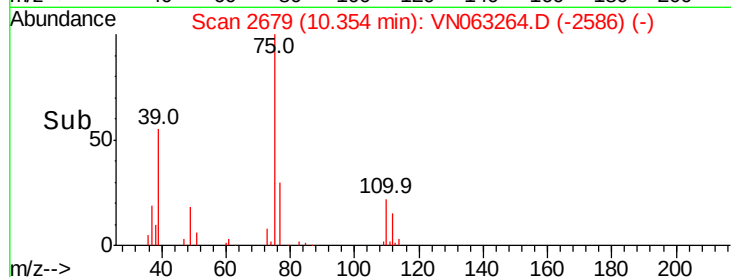
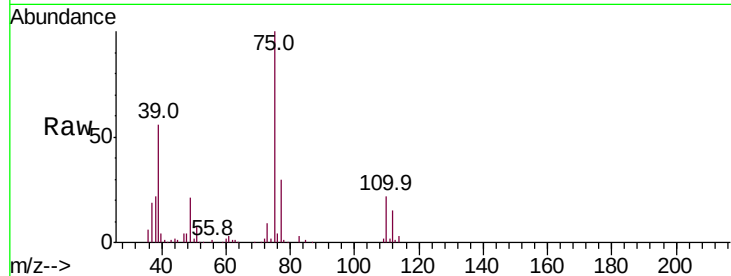
#53
t-1,3-Dichloropropene
Concen: 17.724 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.2	36.2

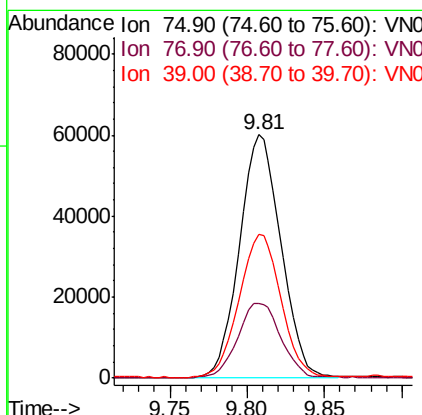
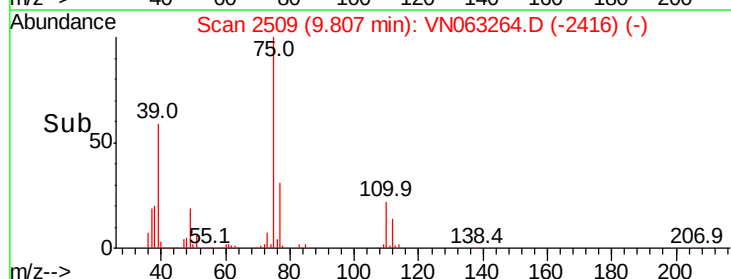
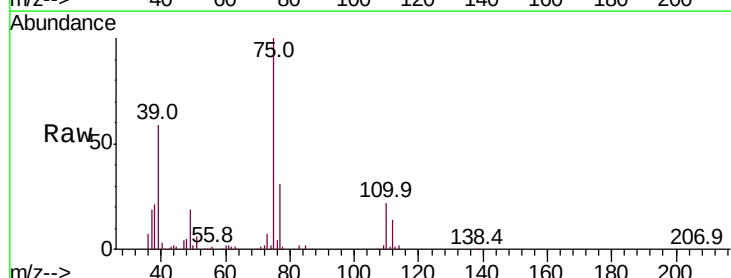
Manual Integrations
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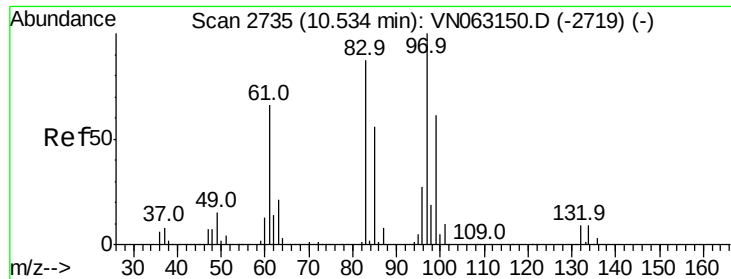
MMDadoda
9/8/2020 1:32:39 PM



#54
cis-1,3-Dichloropropene
Concen: 18.023 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.8	37.2
39	58.8	45.0	67.6





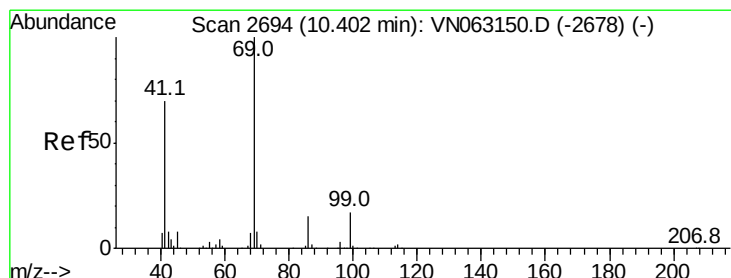
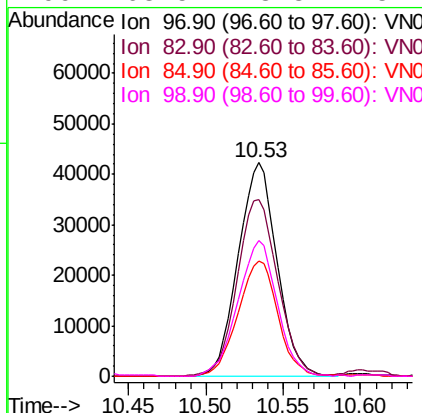
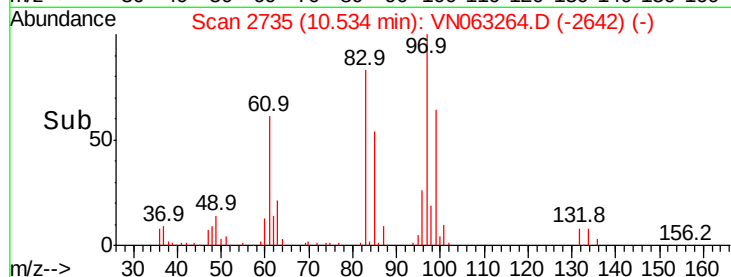
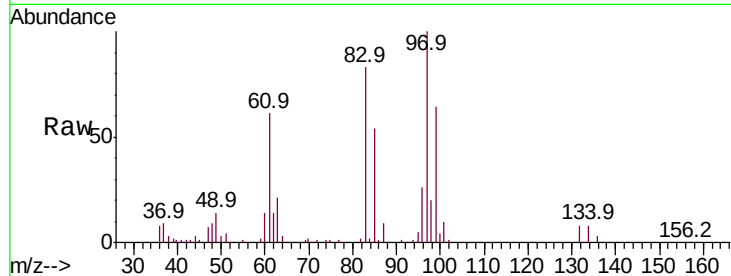
#55
 1,1,2-Trichloroethane
 Concen: 21.557 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Tot Ion	97	Resp	74132
Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.8	104.8
85	54.2	44.9	67.3
99	63.5	48.8	73.2

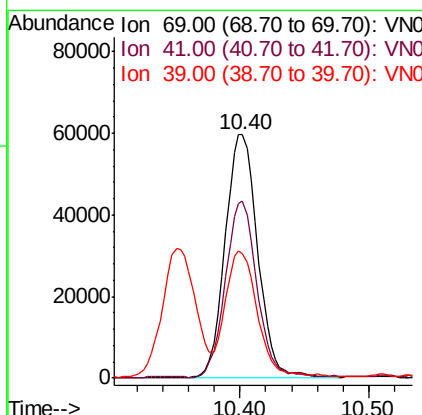
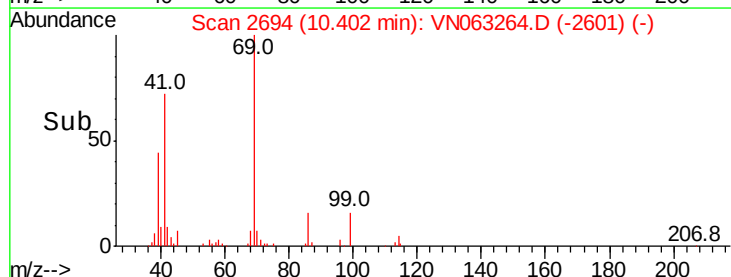
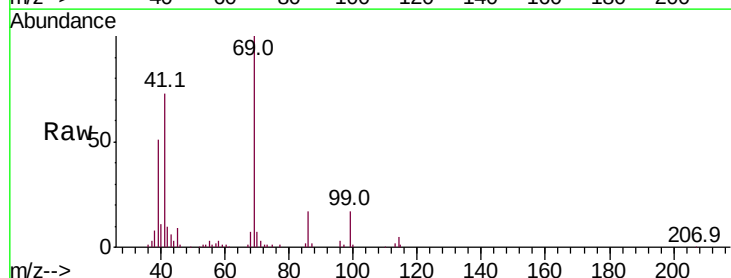
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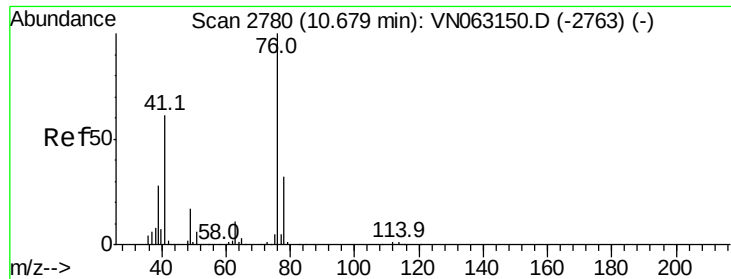
MMDadoda
 9/8/2020 1:32:39 PM



#56
 Ethyl methacrylate
 Concen: 20.030 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	69	Resp	104825
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.5	83.3
39	49.5	38.2	57.2





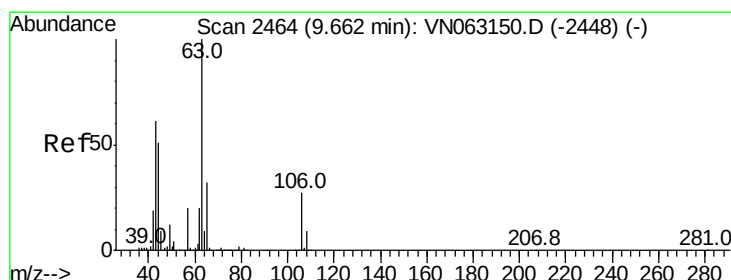
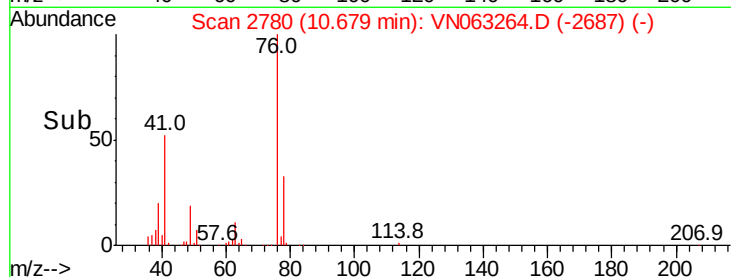
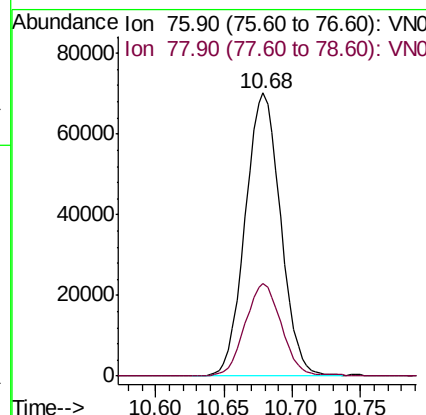
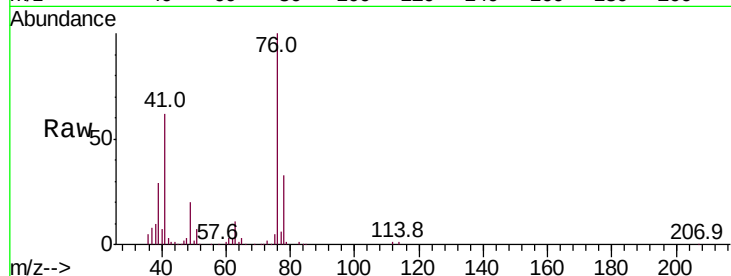
#57
 1,3-Dichloropropane
 Concen: 20.648 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.5	38.3

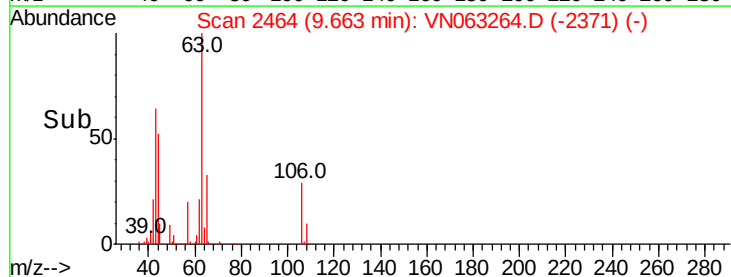
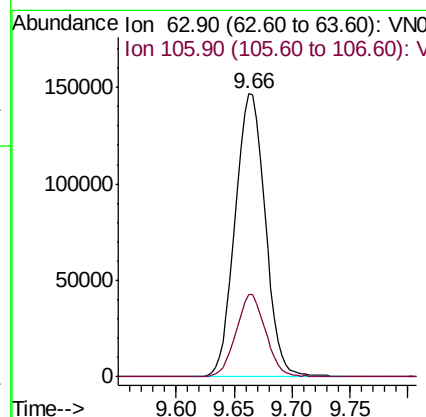
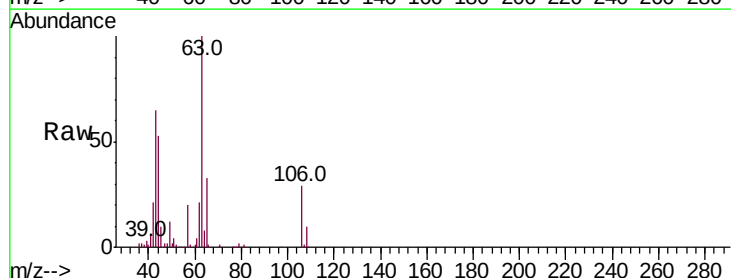
Manual Integrations
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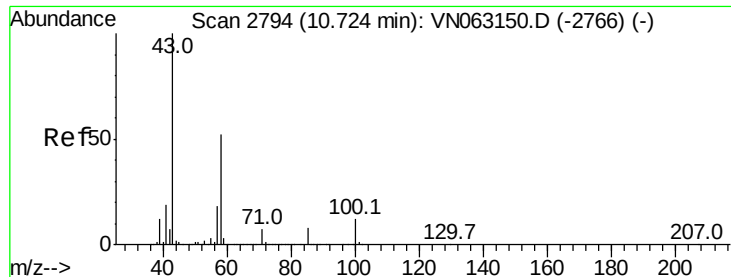
MMDadoda
 9/8/2020 1:32:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.529 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	21.8	32.6





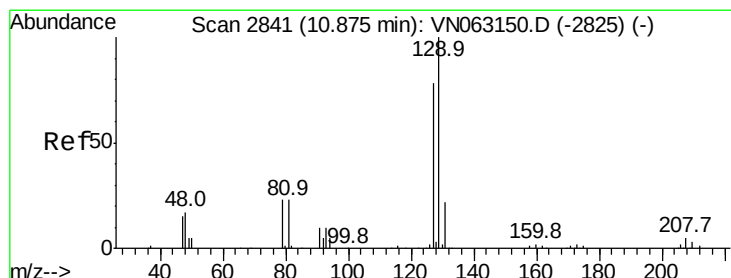
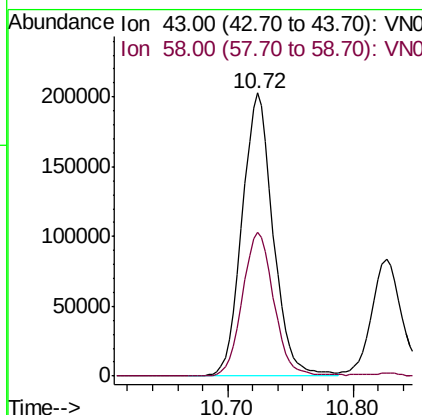
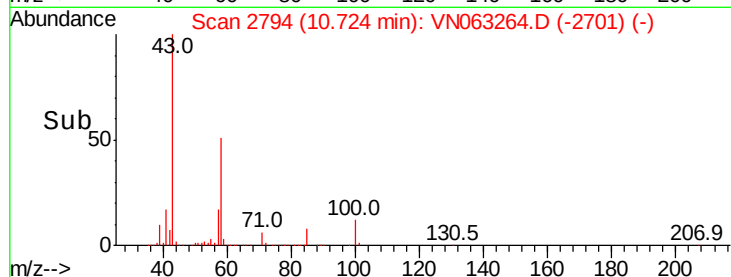
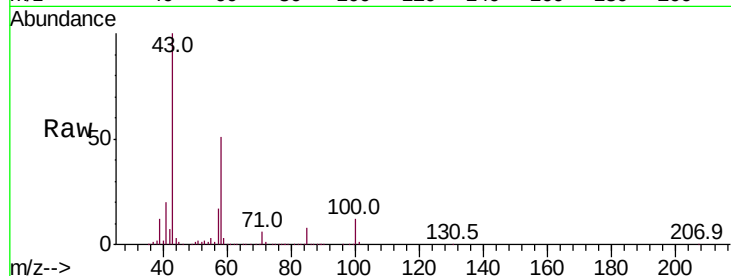
#59
2-Hexanone
Concen: 113.703 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion: 43 Resp: 347375
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8

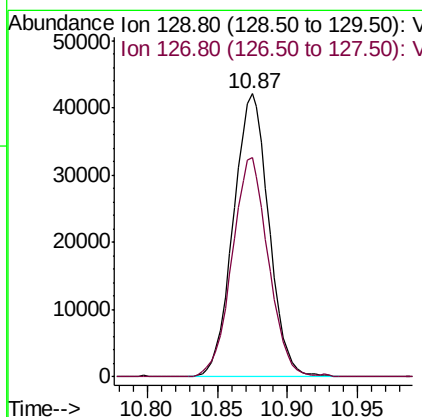
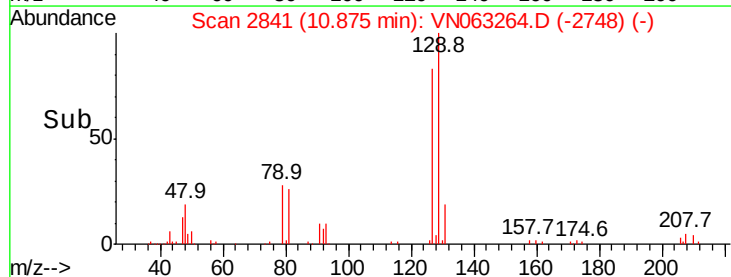
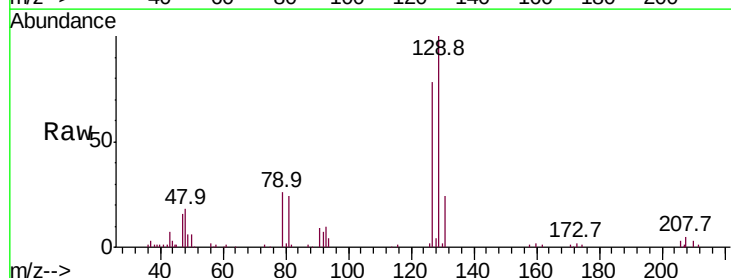
Manual Integrations
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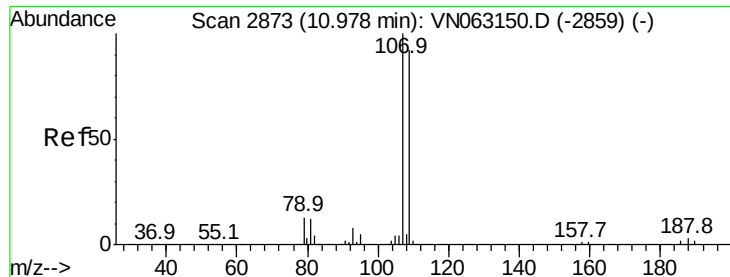
MMDadoda
9/8/2020 1:32:39 PM



#60
Dibromochloromethane
Concen: 19.502 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion: 129 Resp: 74147
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0





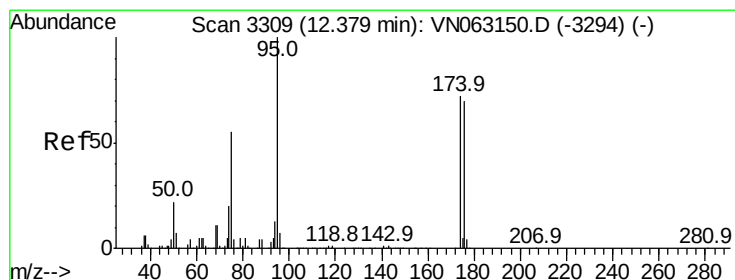
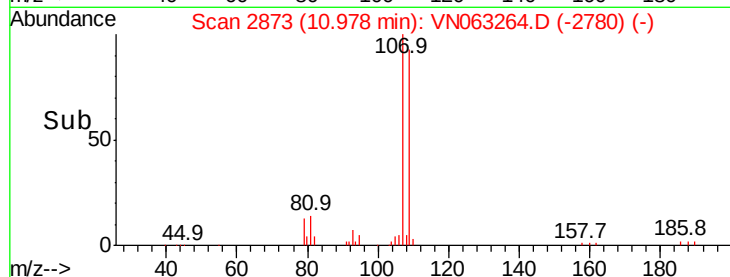
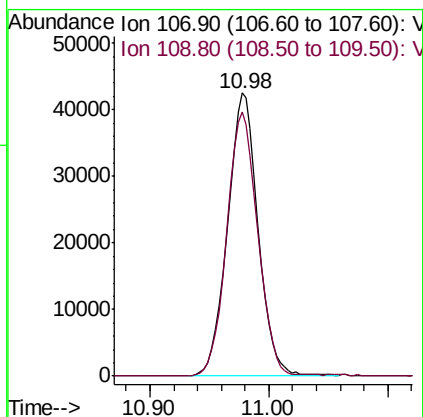
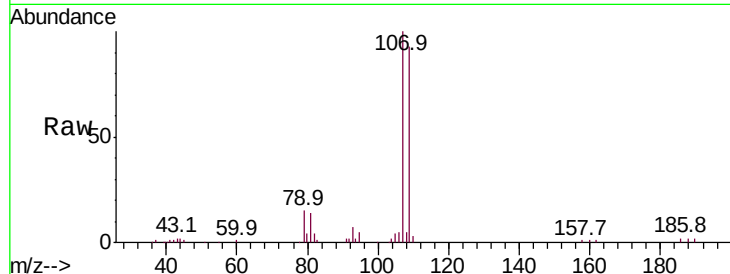
#61
 1,2-Dibromoethane
 Concen: 21.058 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	73.4	110.0

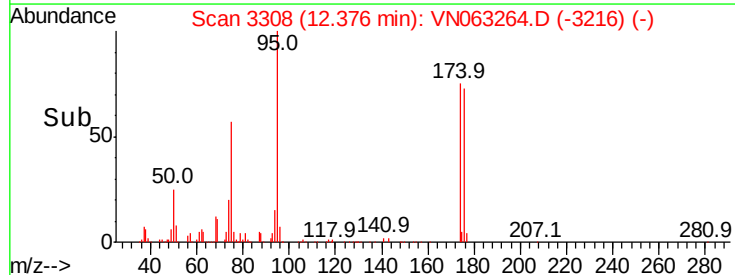
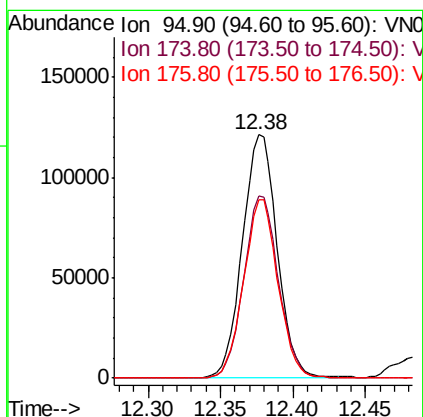
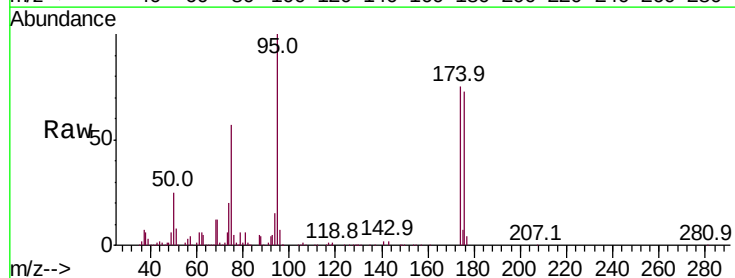
Manual Integrations
 APPROVED

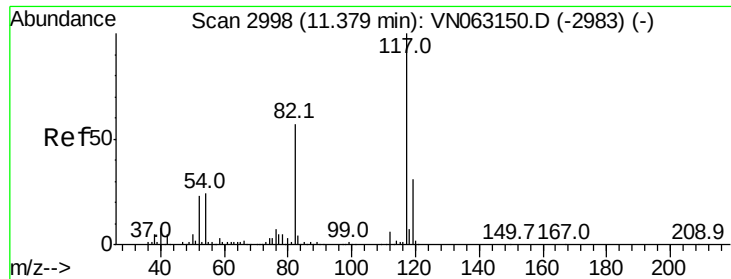
MMDadoda
 9/8/2020 1:32:39 PM



#62
 4-Bromofluorobenzene
 Concen: 45.975 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	143.8
176	72.5	0.0	138.4





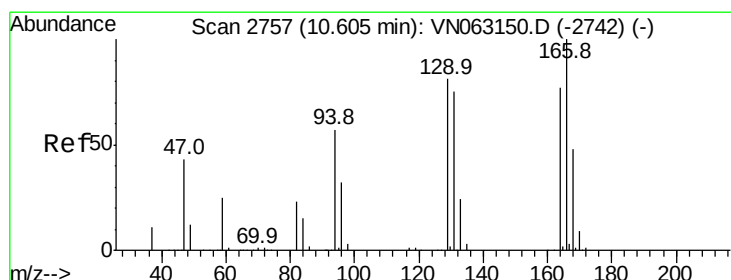
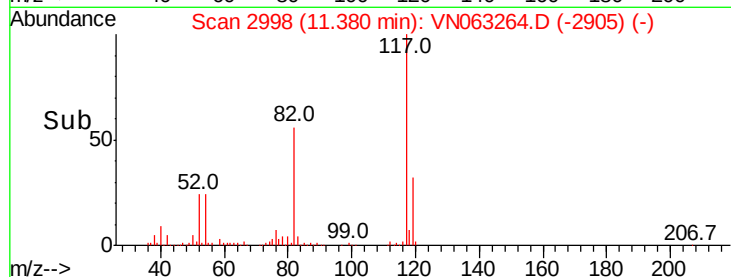
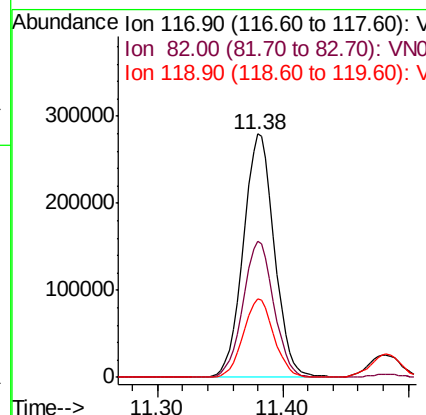
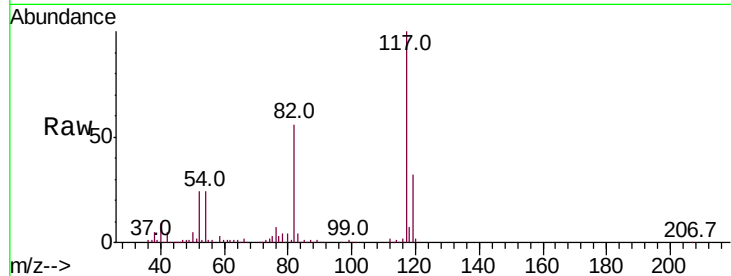
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	480553		
82	56.1		45.4	68.0
119	32.3		24.6	37.0

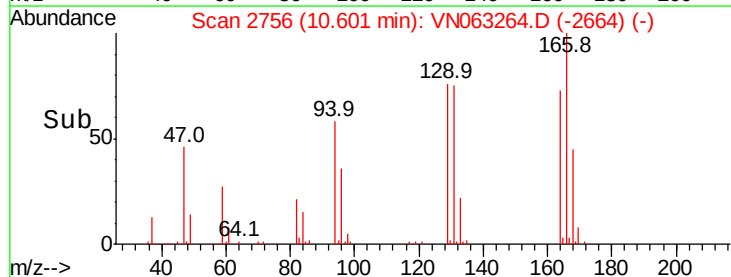
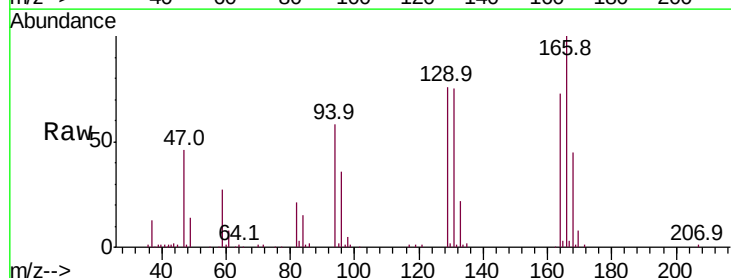
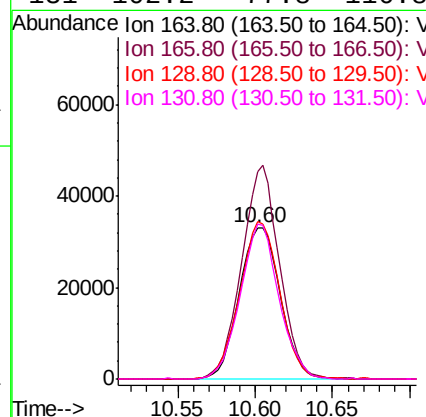
Manual Integrations
APPROVED

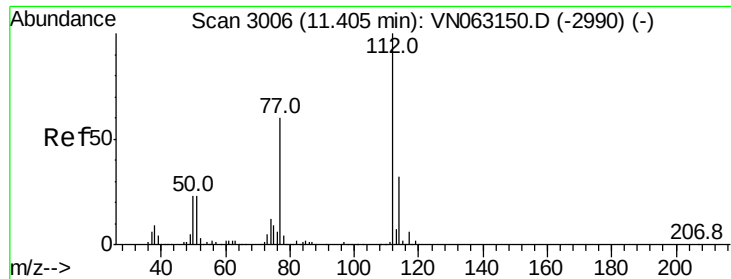
MMDadoda
9/8/2020 1:32:39 PM



#64
Tetrachloroethene
Concen: 17.734 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61197		
166	136.6		103.4	155.2
129	104.0		83.4	125.0
131	102.2		77.8	116.8





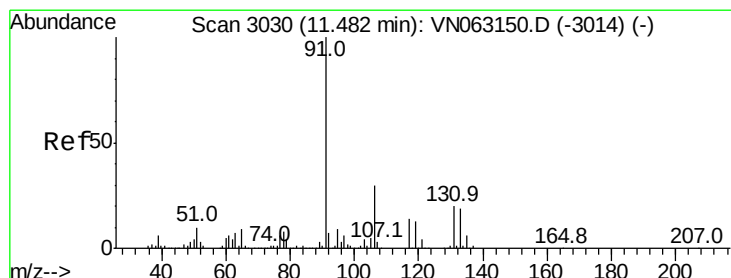
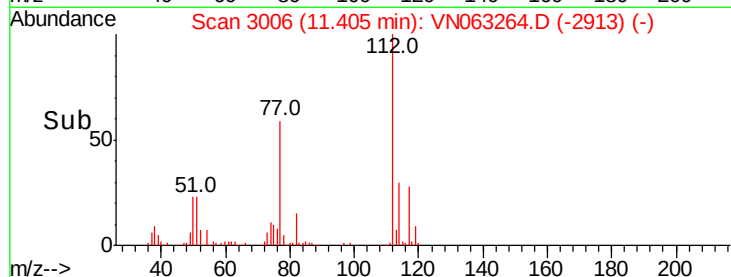
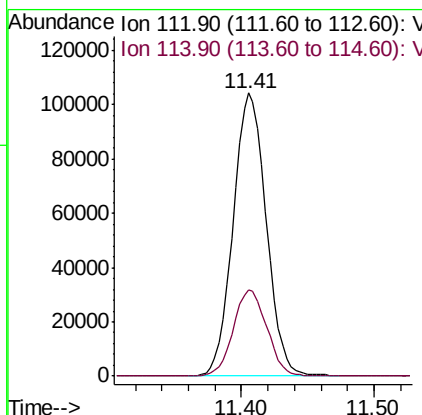
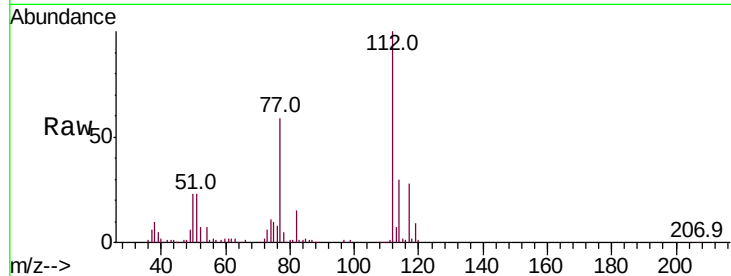
#65
Chlorobenzene
Concen: 18.678 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	180782		
114	30.3	25.2	37.8	

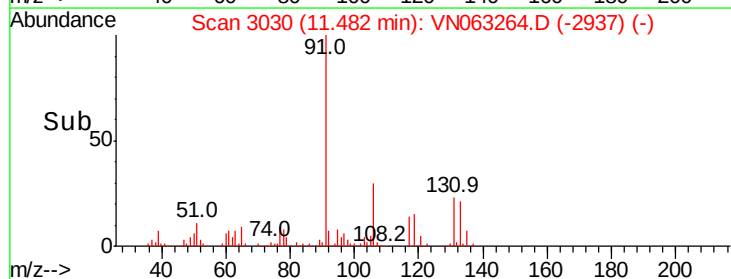
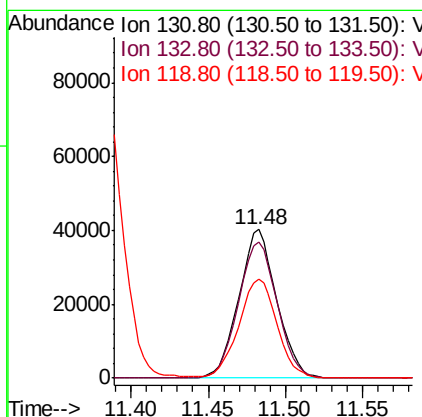
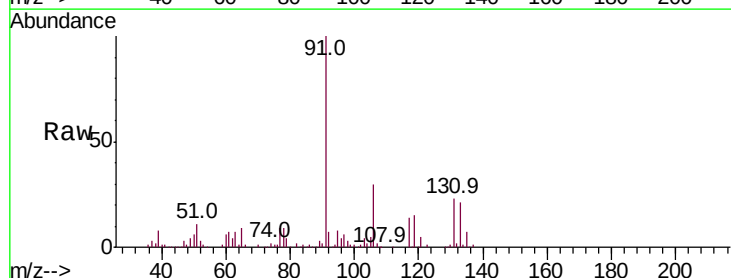
Manual Integrations
APPROVED

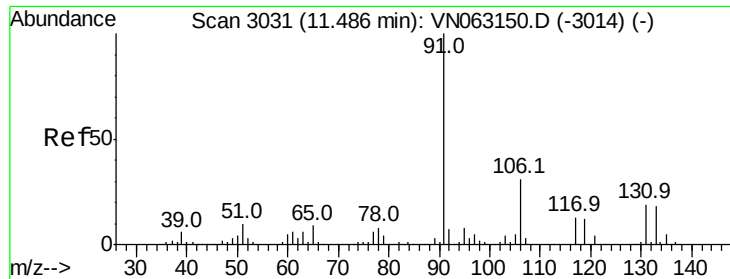
MMDadoda
9/8/2020 1:32:39 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.961 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	68137		
133	94.2	47.3	142.0	
119	68.0	32.4	97.0	





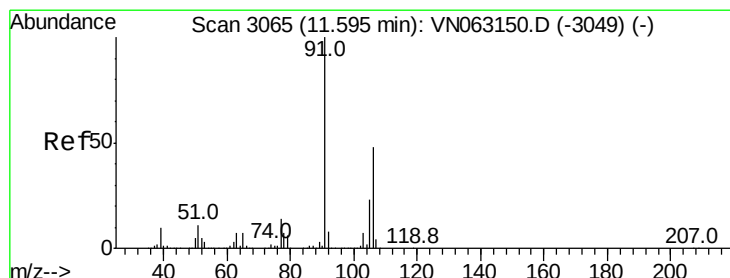
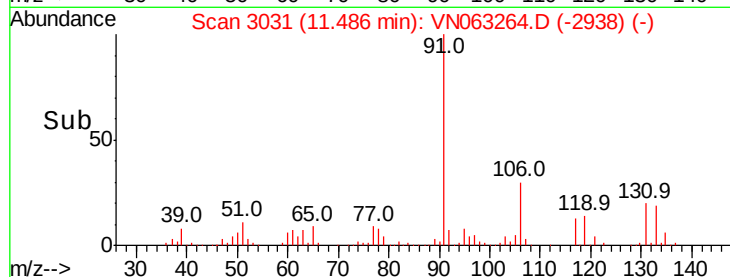
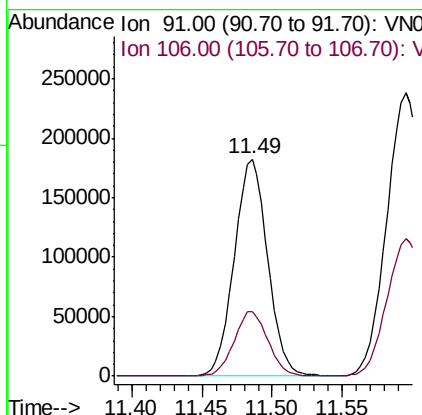
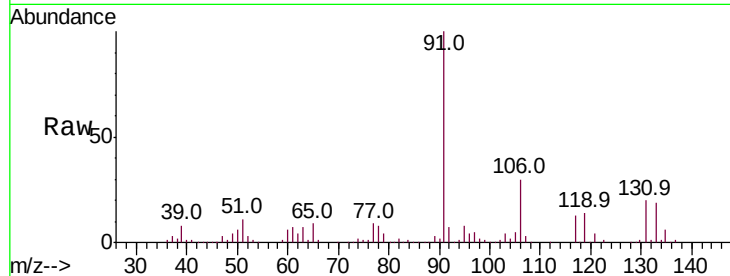
#67
Ethyl Benzene
Concen: 17.160 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion: 91 Resp: 303003
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6

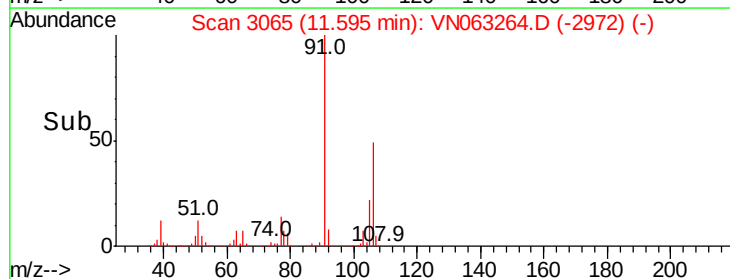
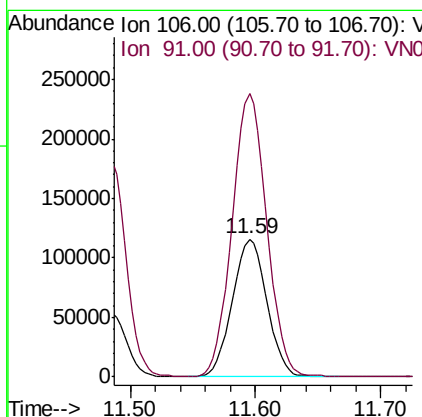
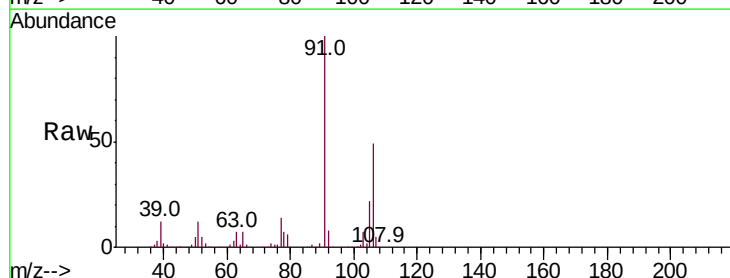
Manual Integrations
APPROVED

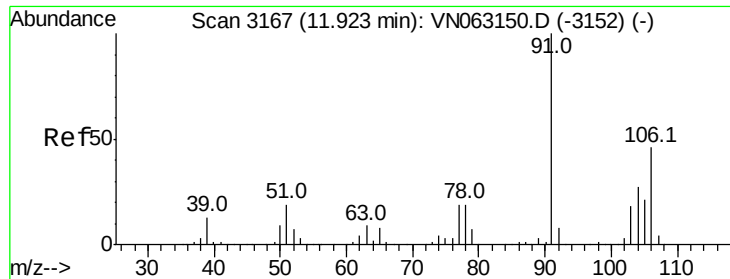
MMDadoda
9/8/2020 1:32:39 PM



#68
m/p-Xylenes
Concen: 33.977 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion: 106 Resp: 222198
Ion Ratio Lower Upper
106 100
91 204.5 166.7 250.1





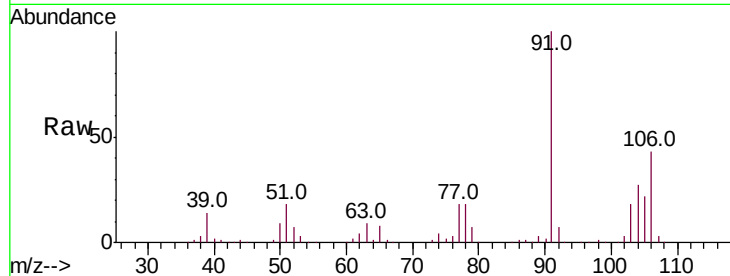
#69
o-Xylene
Concen: 17.534 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

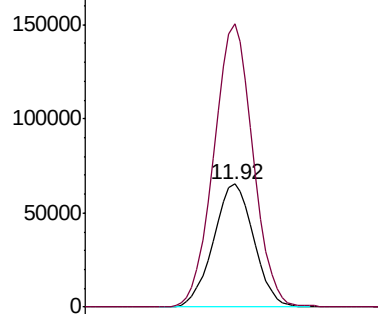
Tot Ion:106 Resp: 110773
Ion Ratio Lower Upper
106 100
91 223.1 108.6 325.6

Manual Integrations
APPROVED

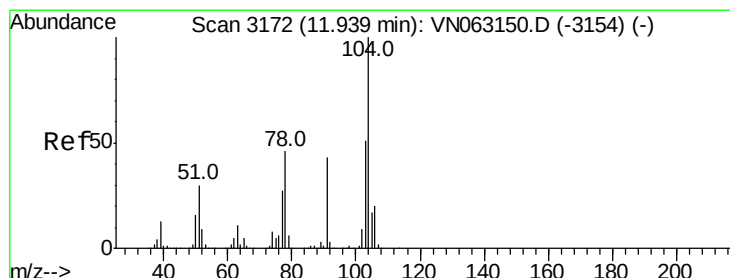
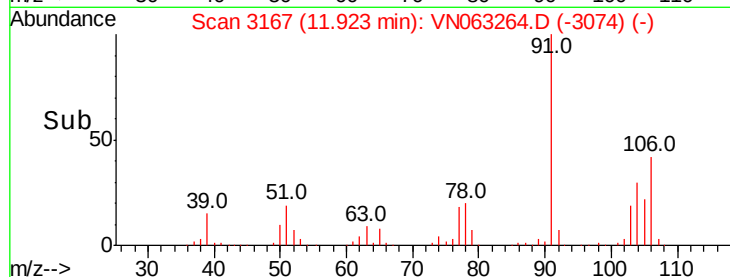
MMDadoda
9/8/2020 1:32:39 PM



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

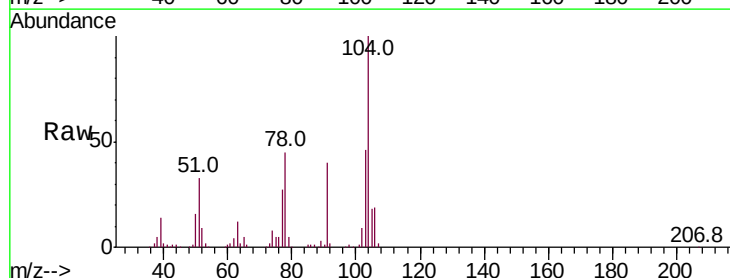


Time-->

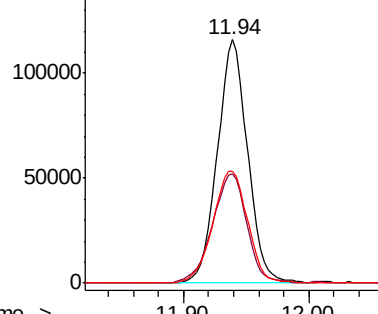


#70
Styrene
Concen: 17.993 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

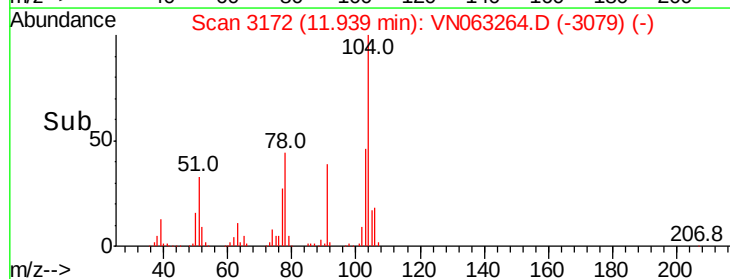
Tgt Ion:104 Resp: 195353
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 53.0 43.8 65.8

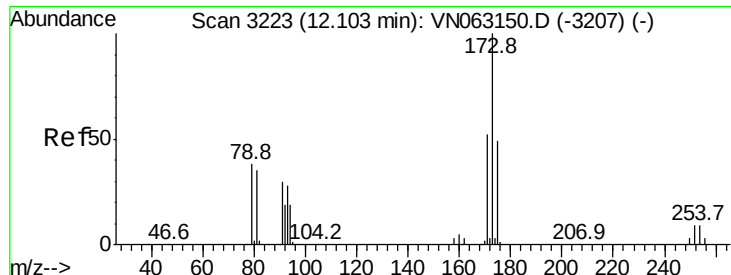


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 19.368 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion:173 Resp: 47233

Ion Ratio Lower Upper

173 100

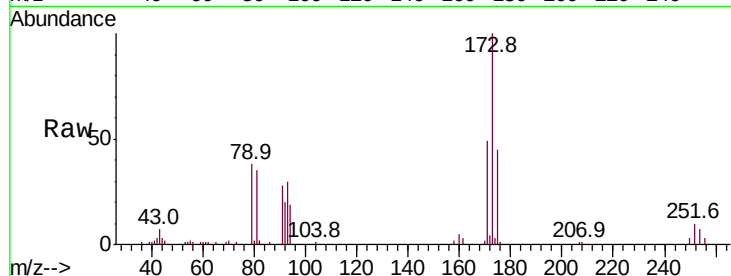
175 45.3 24.6 73.8

254 0.0 0.0 0.0

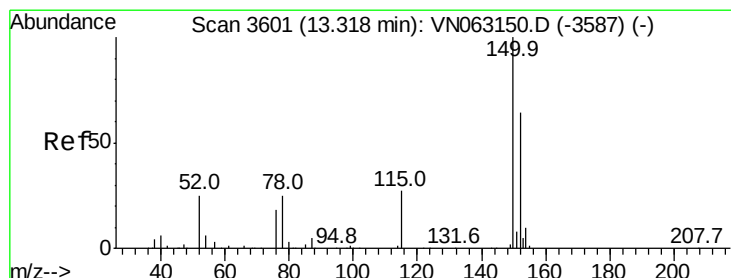
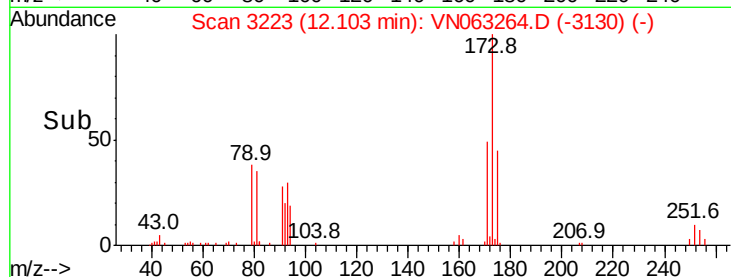
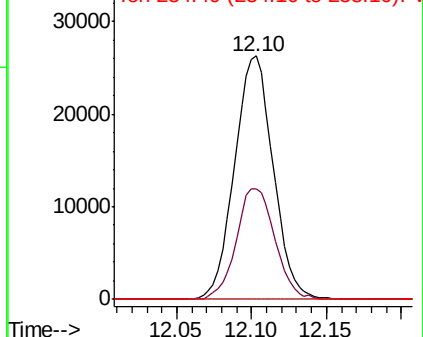
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

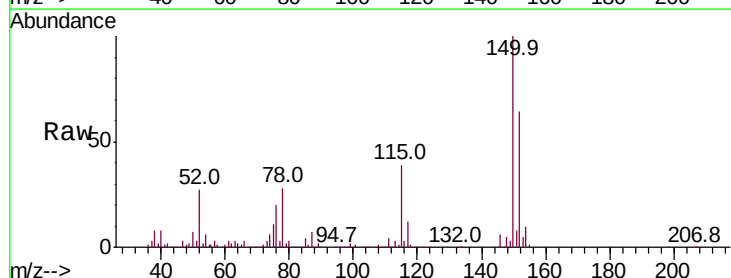
Tgt Ion:152 Resp: 203521

Ion Ratio Lower Upper

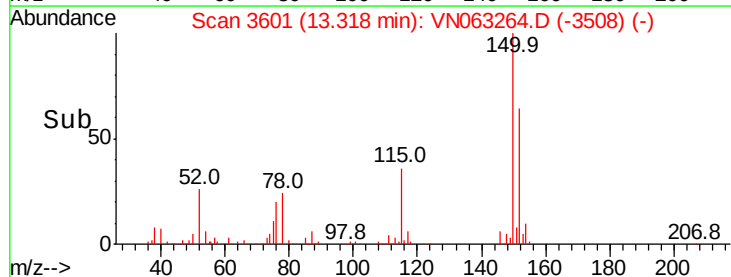
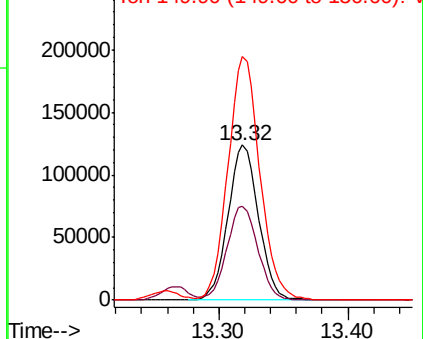
152 100

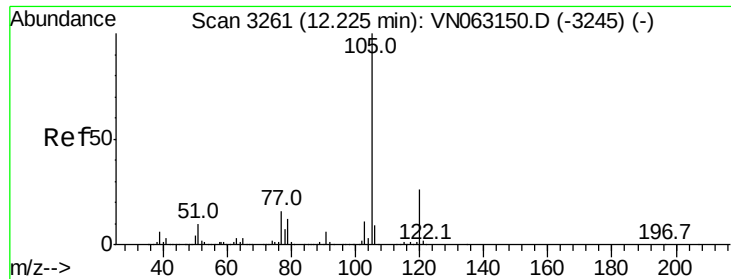
115 60.9 32.0 96.2

150 163.2 0.0 353.0



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: 17.371 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion:105 Resp: 271154

Ion Ratio Lower Upper

105 100

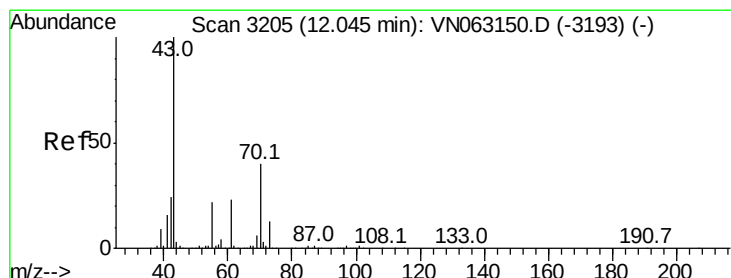
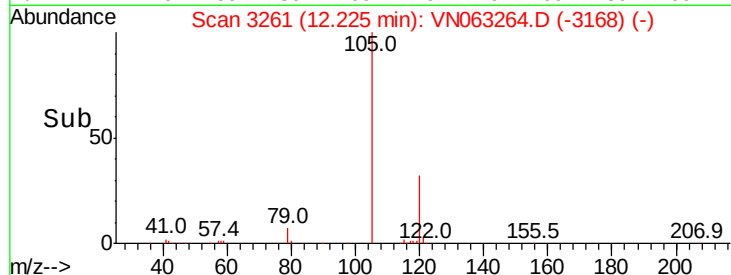
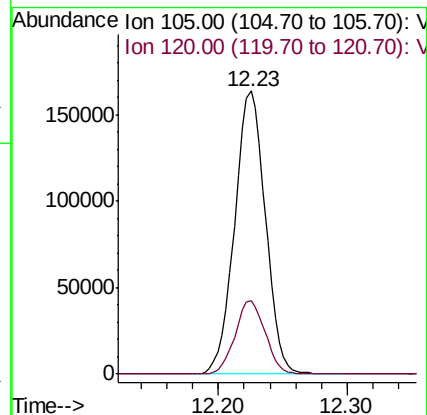
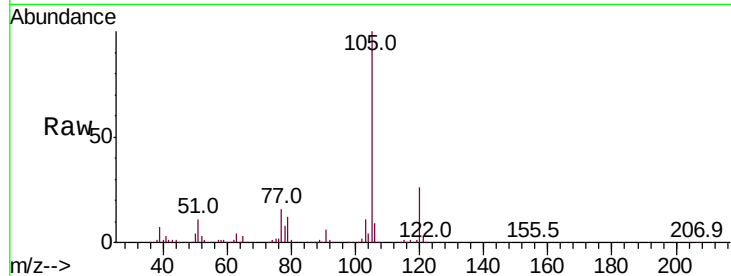
120 25.5 12.9 38.6

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#74

N-ethyl acetate

Concen: 20.204 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion: 43 Resp: 130634

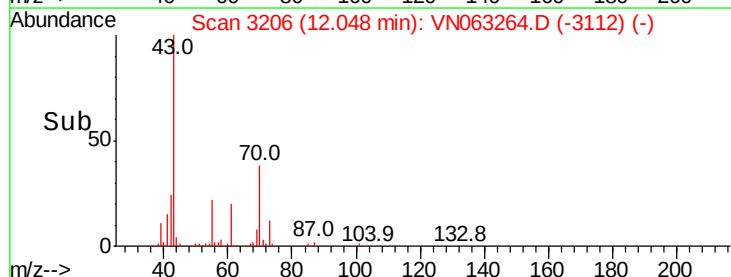
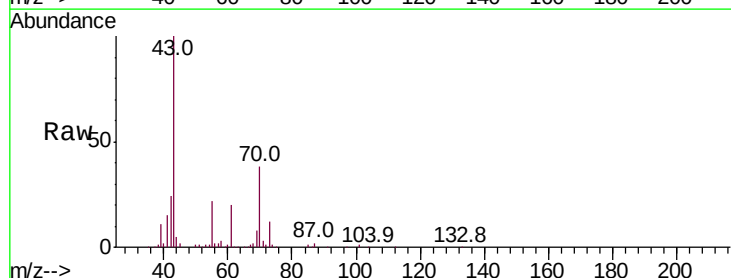
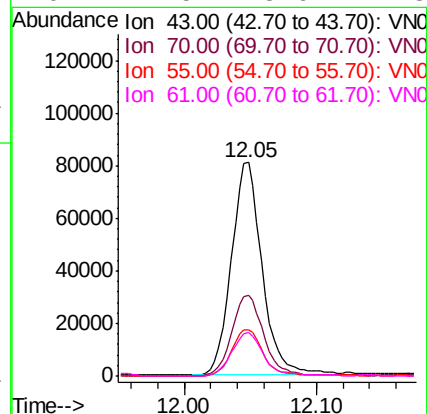
Ion Ratio Lower Upper

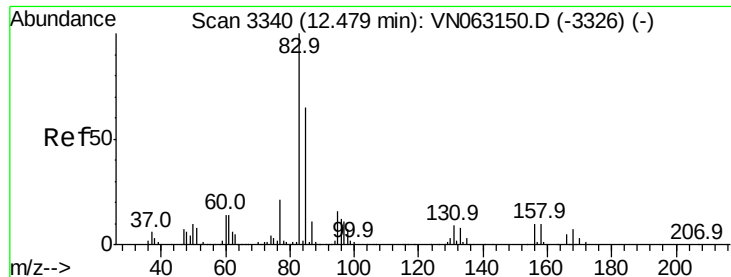
43 100

70 39.0 32.1 48.1

55 22.6 17.4 26.0

61 21.5 18.6 27.8





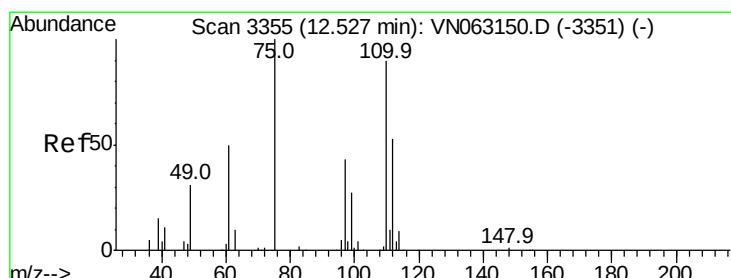
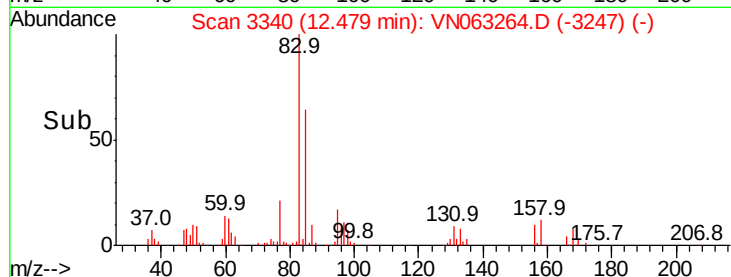
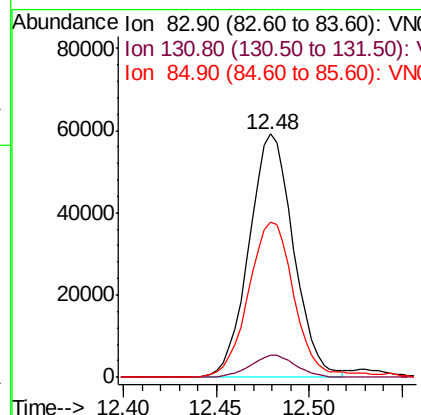
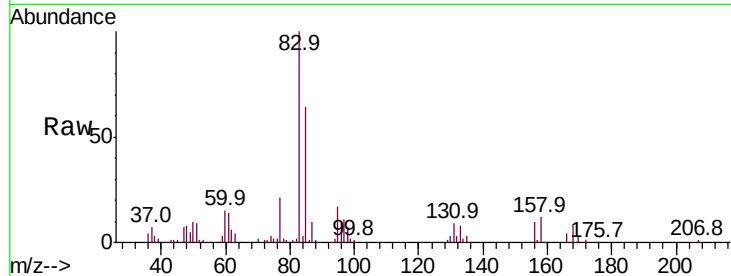
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.986 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Tot Ion	83	Resp	98944
Ion Ratio	100	Lower	Upper
83	100		
131	9.4	4.7	14.0
85	66.3	32.7	98.1

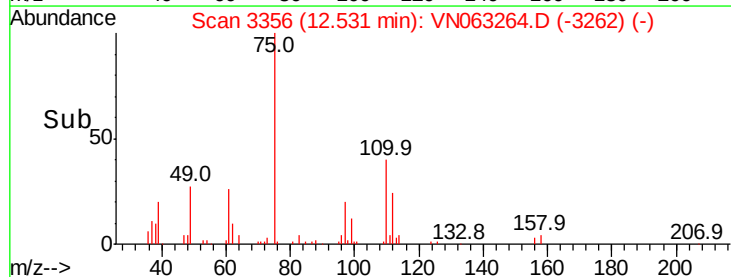
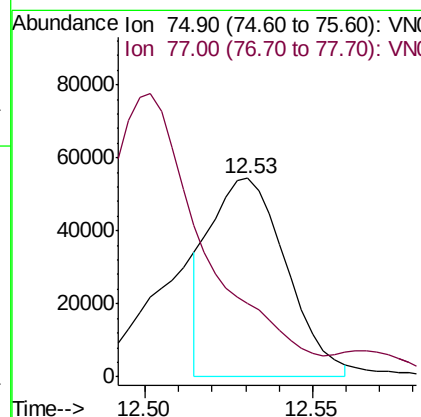
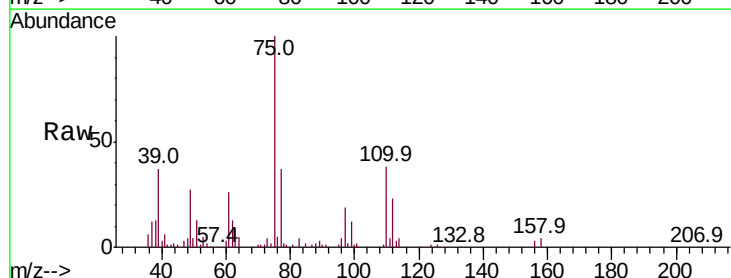
Manual Integrations
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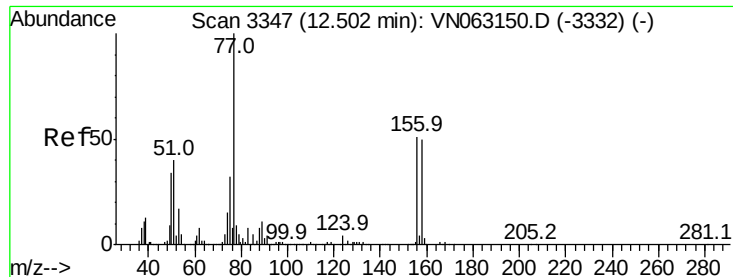
MMDadoda
 9/8/2020 1:32:39 PM



#76
 1,2,3-Trichloropropane
 Concen: 21.406 ug/l m
 RT: 12.53 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	75	Resp	85597
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.283 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

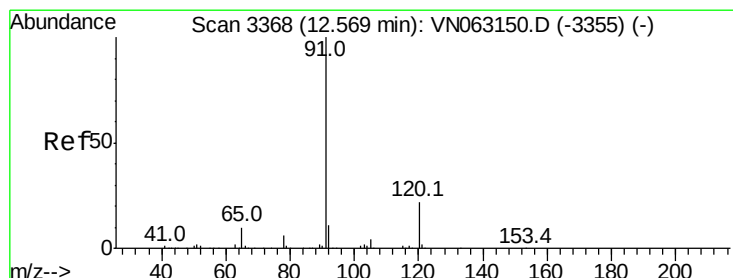
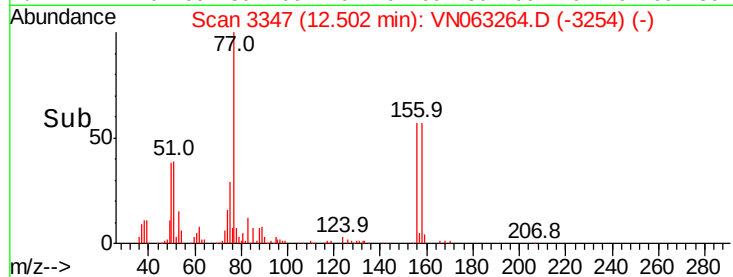
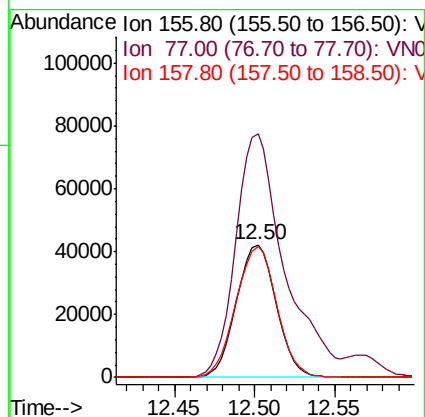
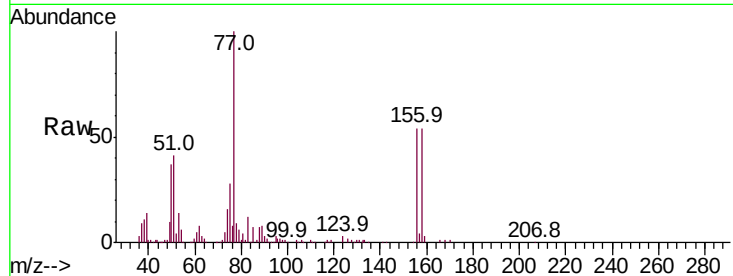
ClientSampleId :

VN0904WBSD02

Tot Ion:	156	Resp:	71607
Ion	Ratio	Lower	Upper
156	100		
77	226.5	116.1	348.3
158	101.6	48.8	146.4

Manual Integrations
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9/8/2020 1:32:39 PM



#78

n-propylbenzene

Concen: 16.581 ug/l

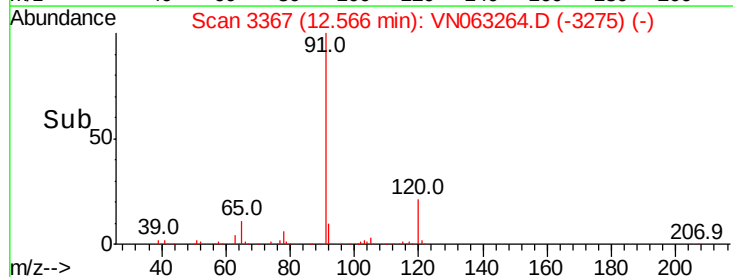
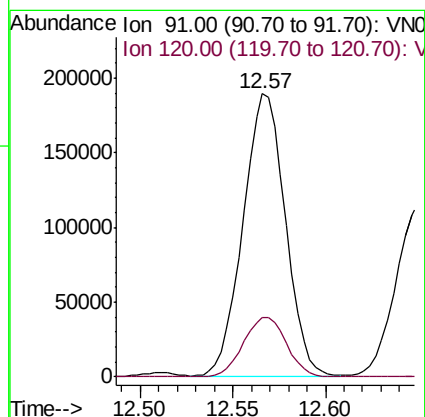
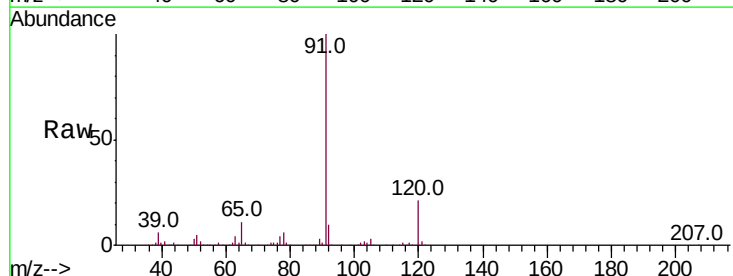
RT: 12.57 min Scan# 3367

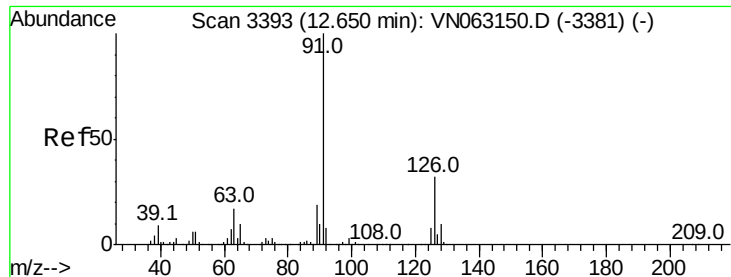
Delta R.T. -0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:	91	Resp:	299513
Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.7





#79

2-Chlorotoluene

Concen: 17.745 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion: 91 Resp: 191980

Ion Ratio Lower Upper

91 100

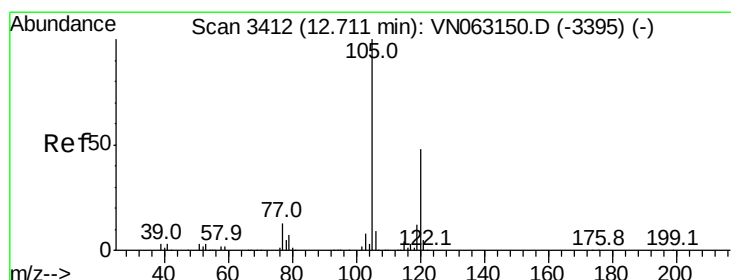
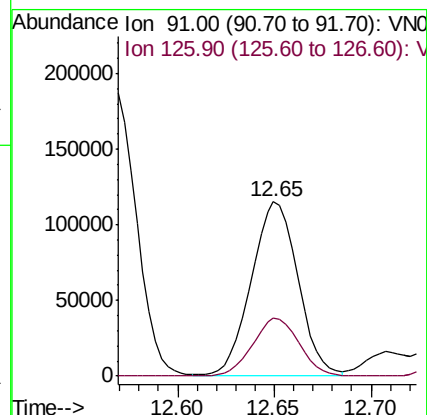
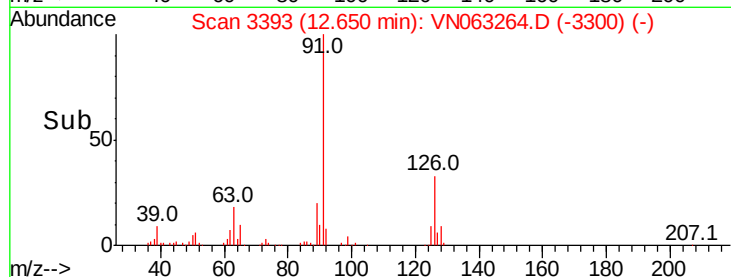
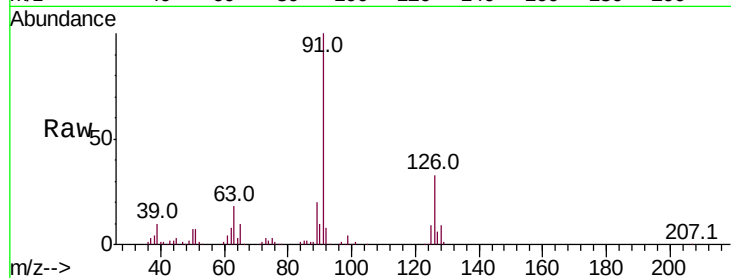
126 33.7 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 17.350 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063264.D

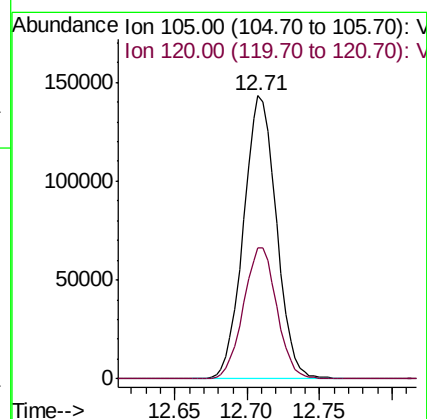
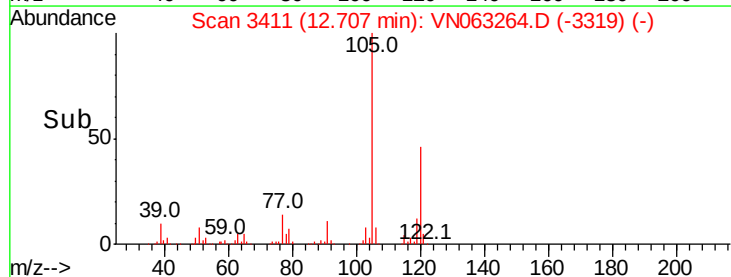
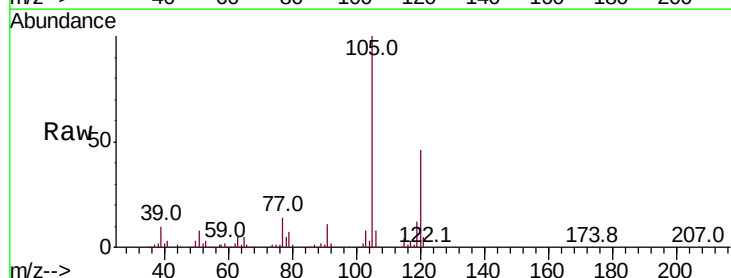
Acq: 5 Sep 2020 3:12

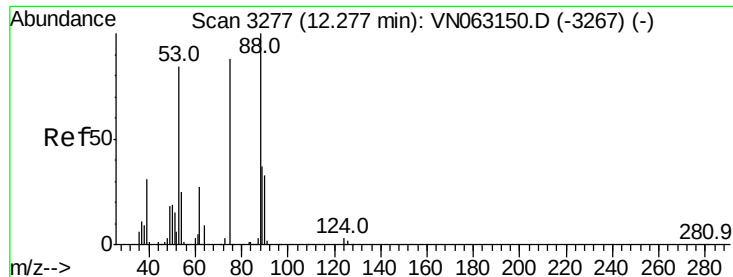
Tgt Ion: 105 Resp: 225426

Ion Ratio Lower Upper

105 100

120 47.2 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.771 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

Tot Ion: 75 Resp: 26093

Ion Ratio Lower Upper

75 100

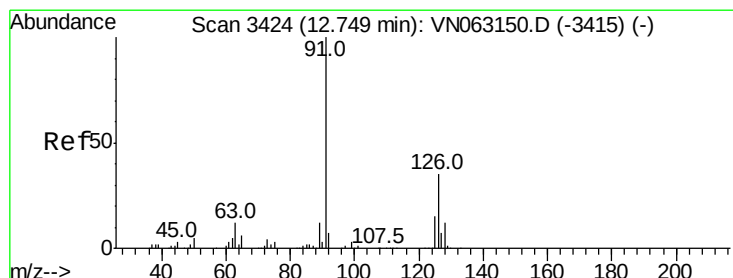
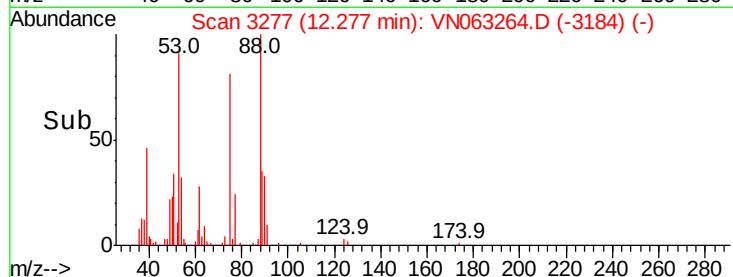
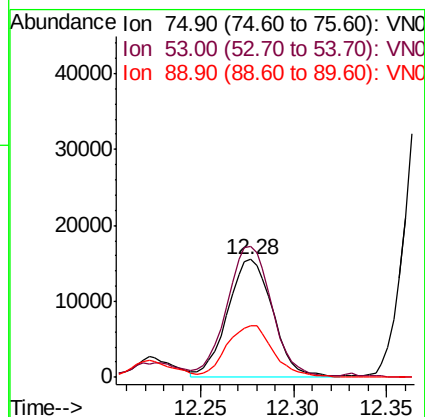
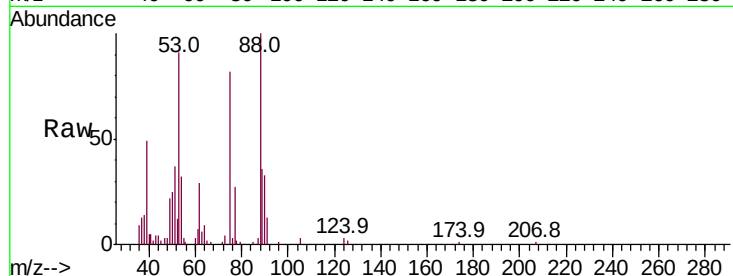
53 109.6 78.7 118.1

89 45.7 35.3 52.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.168 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063264.D

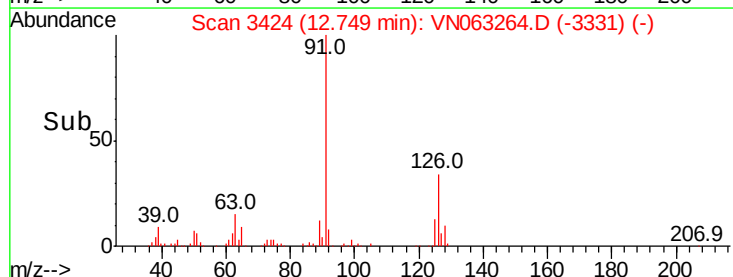
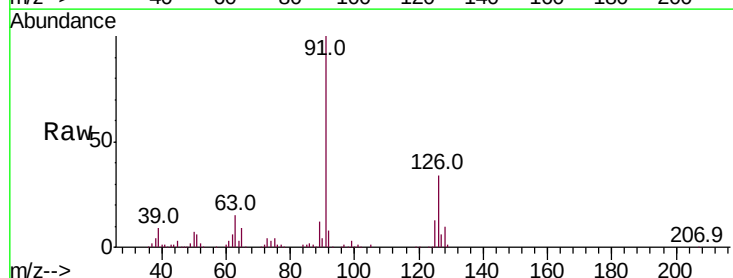
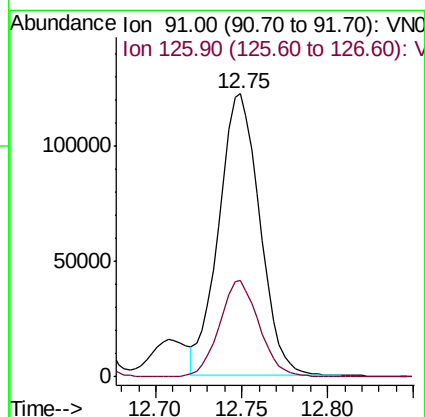
Acq: 5 Sep 2020 3:12

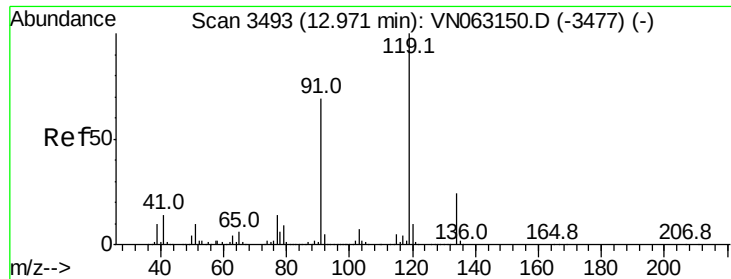
Tgt Ion: 91 Resp: 203849

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.5





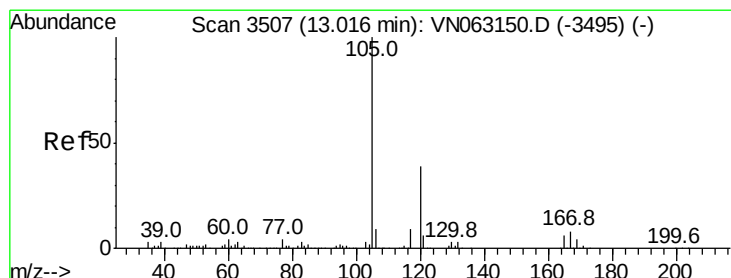
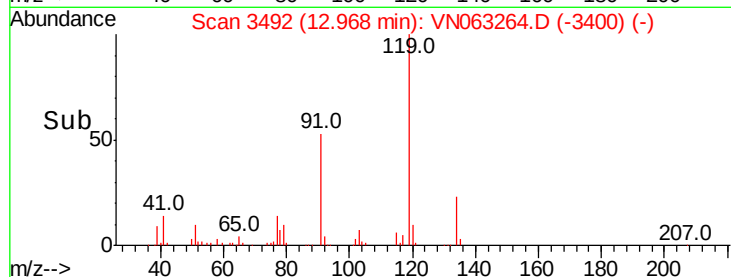
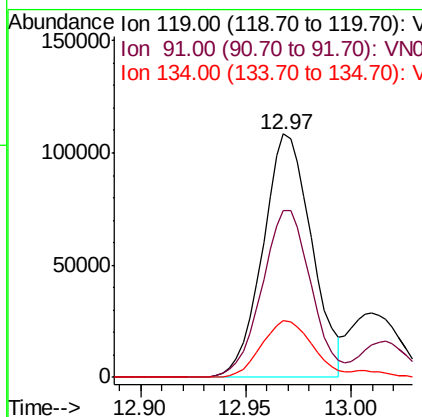
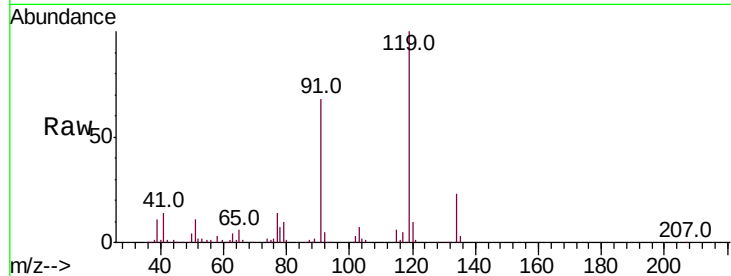
#83
 tert-Butylbenzene
 Concen: 15.687 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	174807		
91	69.1	33.7	101.0	
134	24.3	12.0	36.0	

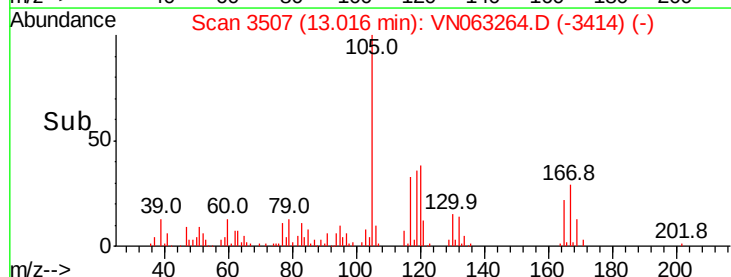
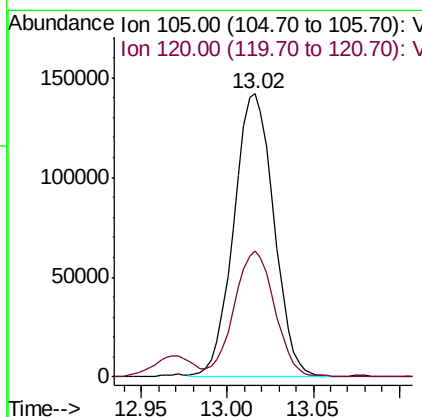
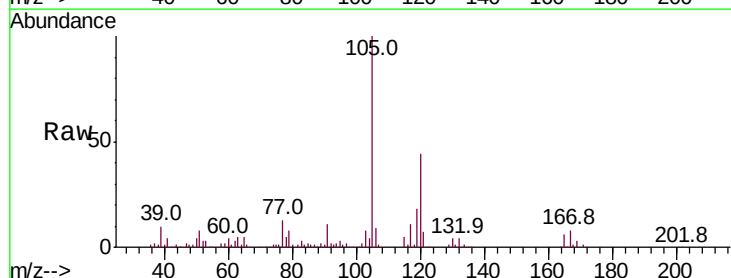
Manual Integrations
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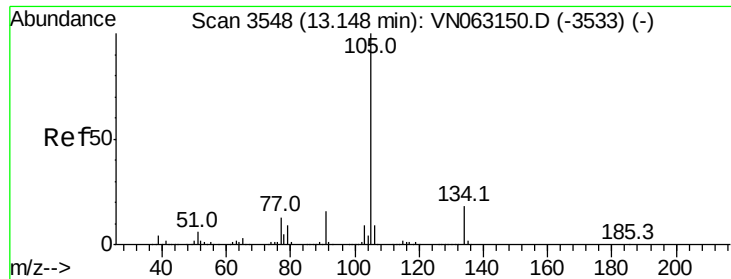
MMDadoda
 9/8/2020 1:32:39 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 17.484 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228986		
120	44.9	22.6	67.7	





#85

sec-Butylbenzene

Concen: 15.341 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

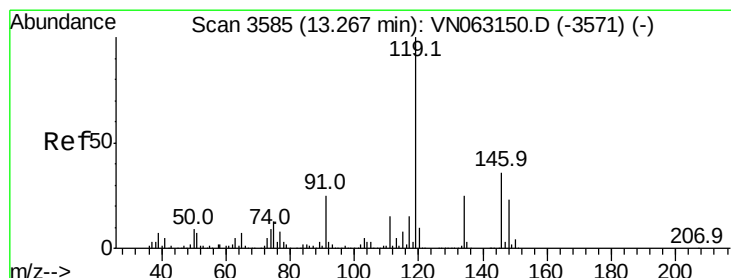
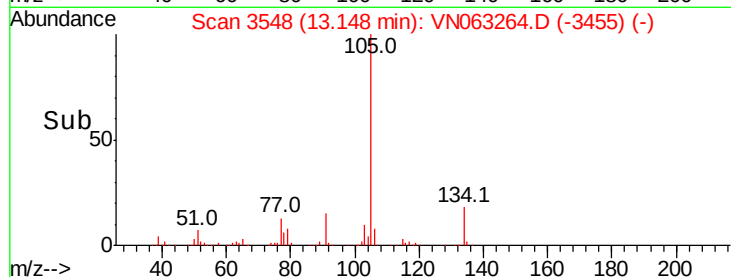
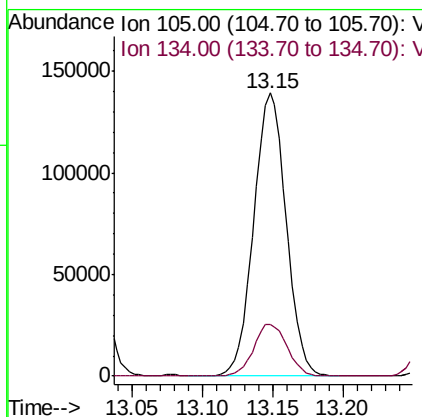
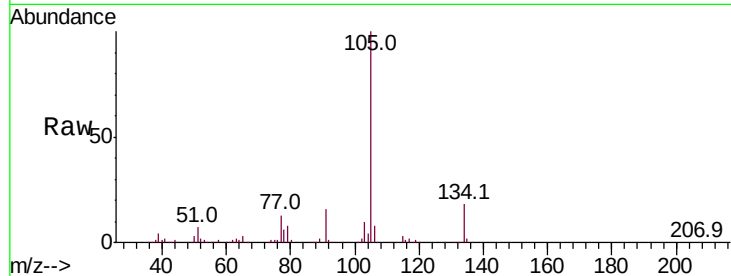
ClientSampleId :

VN0904WBSD02

Tot Ion:	105	Resp:	222797
Ion Ratio	Lower	Upper	
105	100		
134	19.1	9.4	28.3

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#86

p-Isopropyltoluene

Concen: 15.497 ug/l

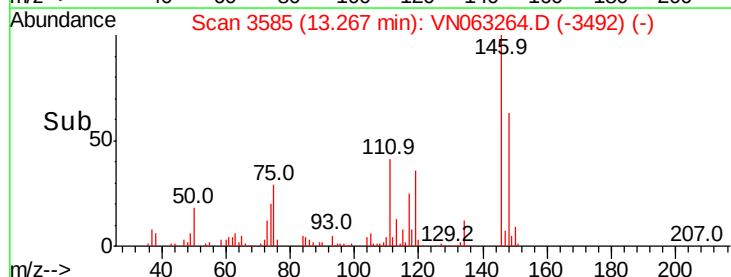
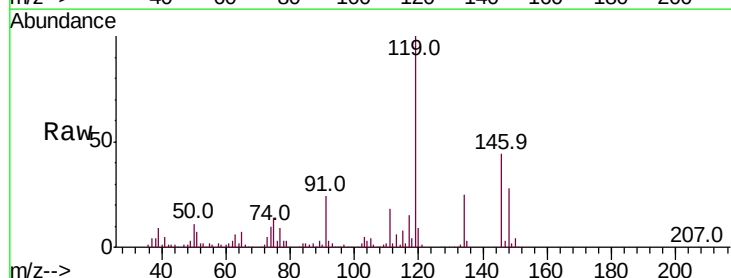
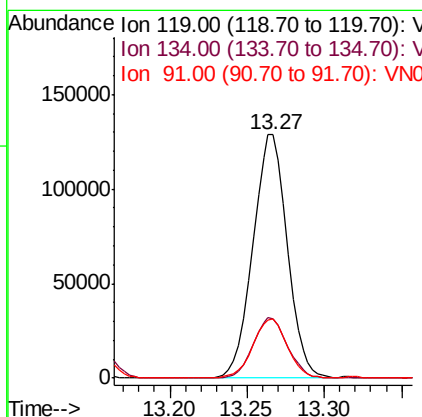
RT: 13.27 min Scan# 3585

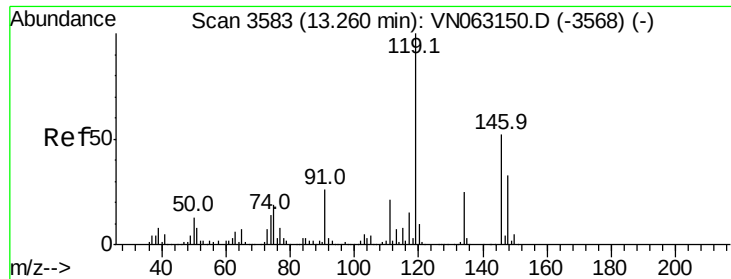
Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:	119	Resp:	199811
Ion Ratio	Lower	Upper	
119	100		
134	24.9	12.4	37.4
91	24.5	12.2	36.6





#87

1,3-Dichlorobenzene

Concen: 18.960 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

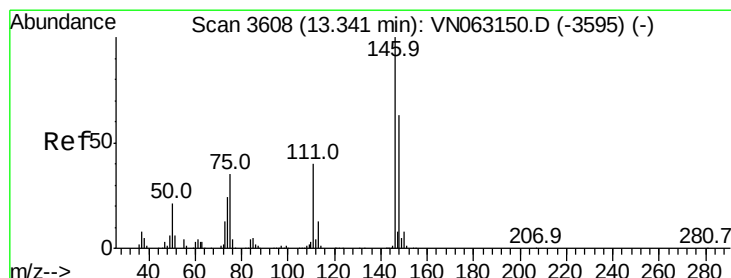
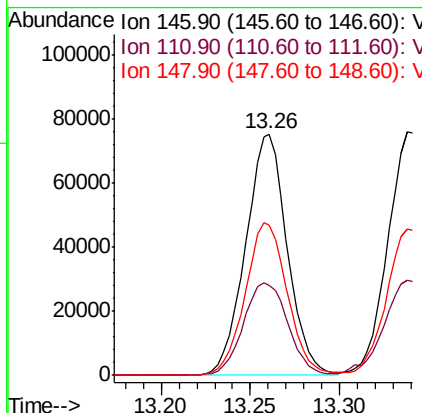
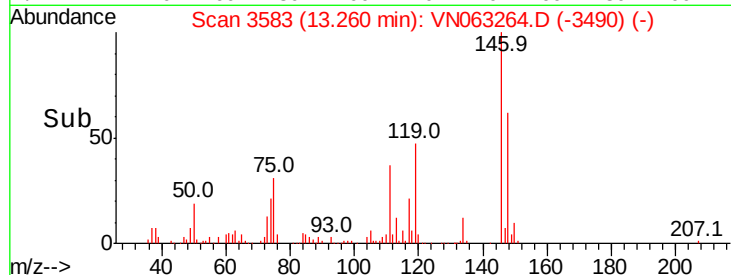
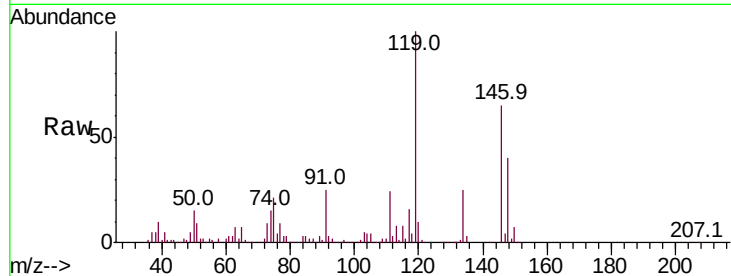
ClientSampleID :

VN0904WBSD02

Tot Ion:	146	Resp:	122963
Ion Ratio	Lower	Upper	
146	100		
111	41.2	21.3	63.7
148	63.9	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.546 ug/l

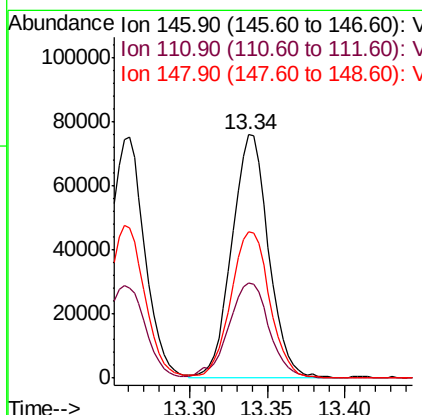
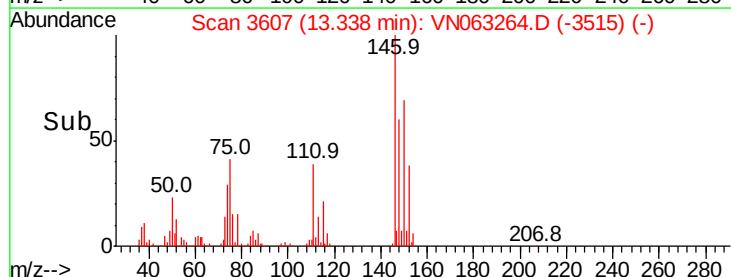
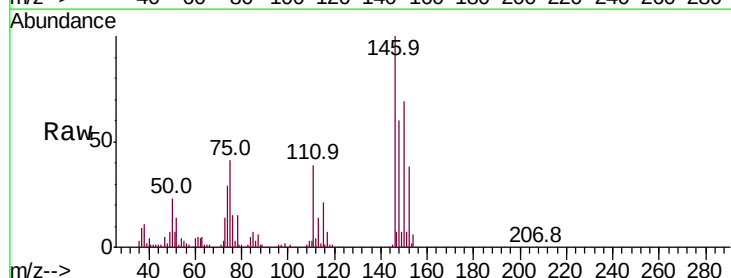
RT: 13.34 min Scan# 3607

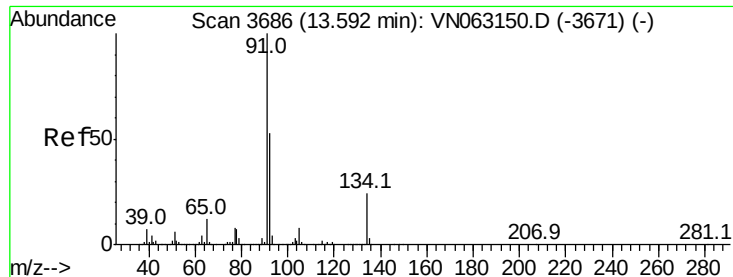
Delta R.T. -0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:	146	Resp:	124540
Ion Ratio	Lower	Upper	
146	100		
111	43.7	20.5	61.5
148	63.5	31.9	95.7





#89

n-Butylbenzene

Concen: 13.665 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

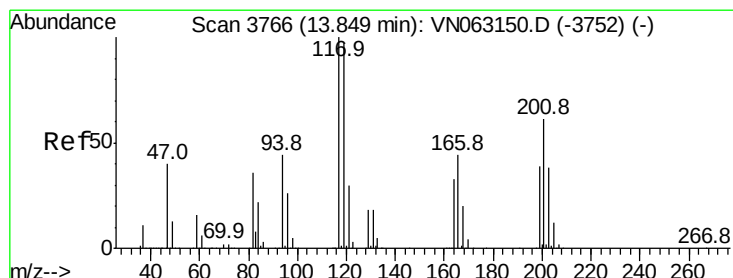
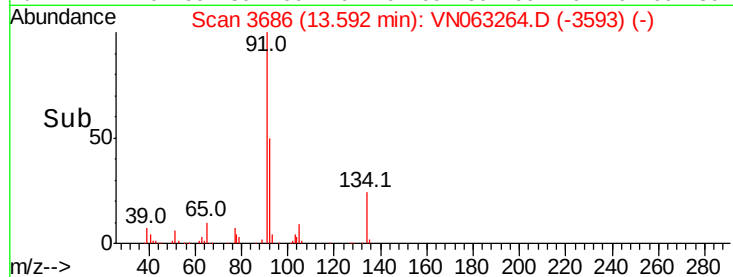
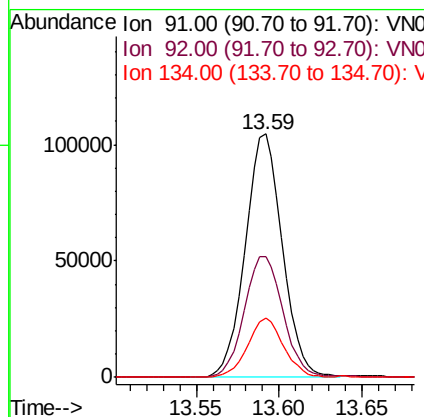
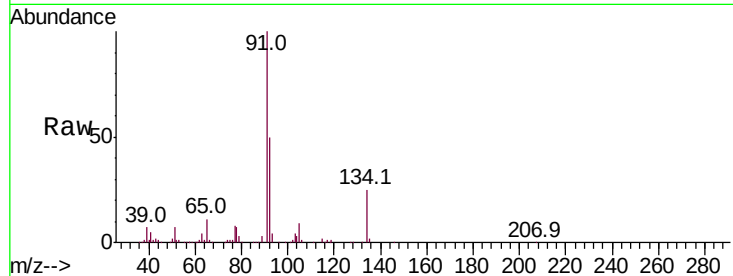
ClientSampleId :

VN0904WBSD02

Tot Ion:	91	Resp:	162774
Ion Ratio	Lower	Upper	
91	100		
92	51.6	26.3	78.8
134	23.6	12.0	36.0

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#90

Hexachloroethane

Concen: 14.080 ug/l

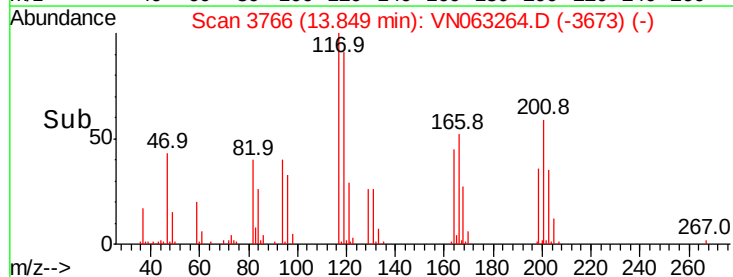
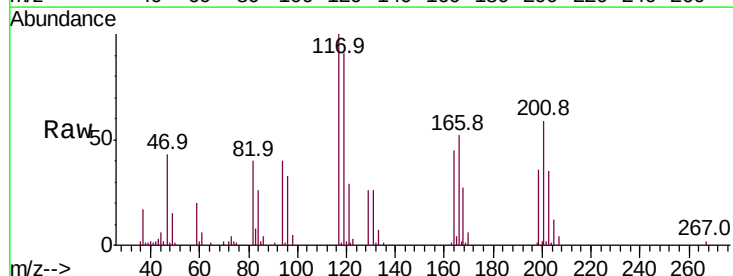
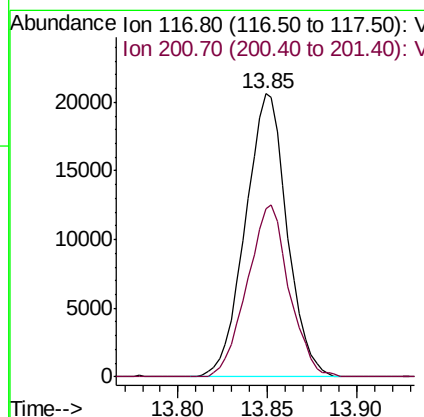
RT: 13.85 min Scan# 3766

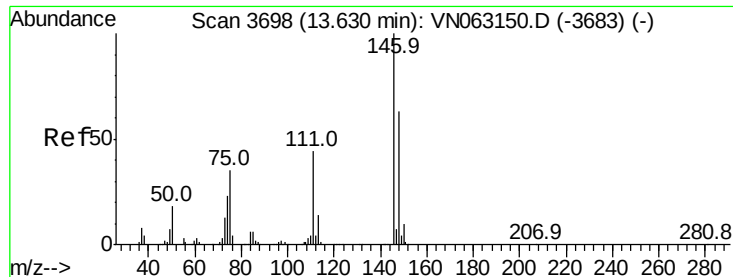
Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:	117	Resp:	33607
Ion Ratio	Lower	Upper	
117	100		
201	60.9	30.6	92.0





#91

1,2-Dichlorobenzene

Concen: 20.752 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

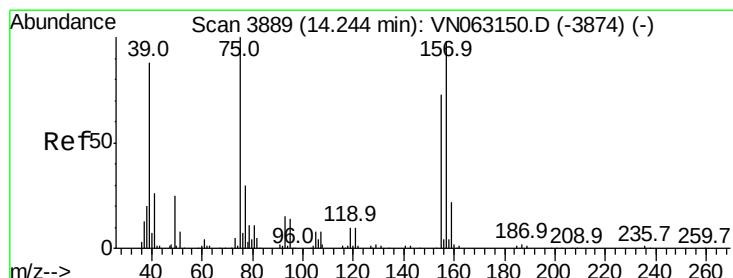
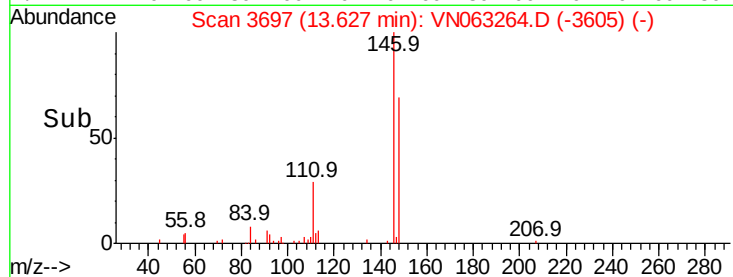
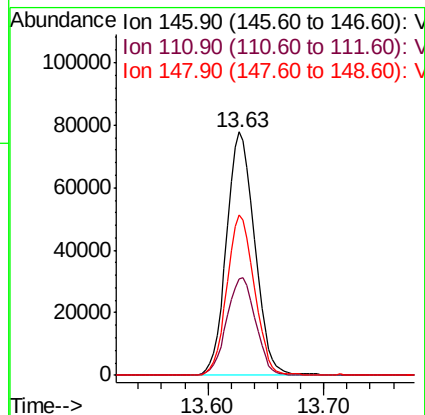
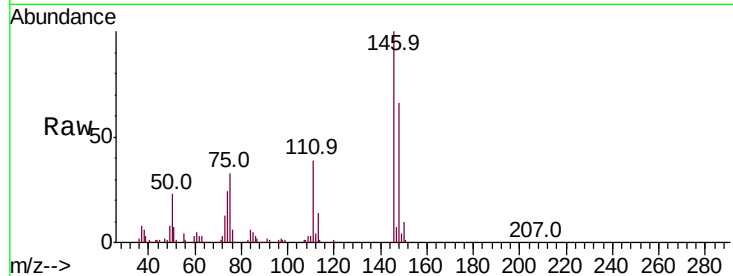
ClientSampleId :

VN0904WBSD02

Tot Ion:	146	Resp:	130604
Ion Ratio	Lower	Upper	
146	100		
111	41.1	22.0	66.0
148	64.0	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.190 ug/l

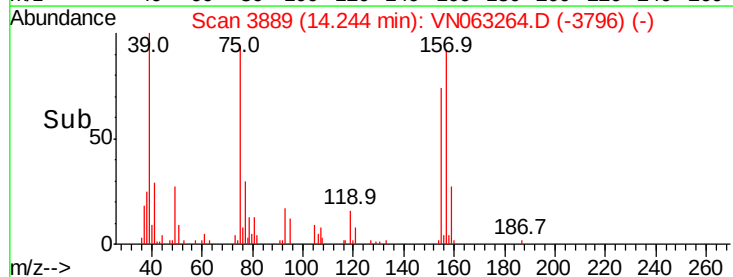
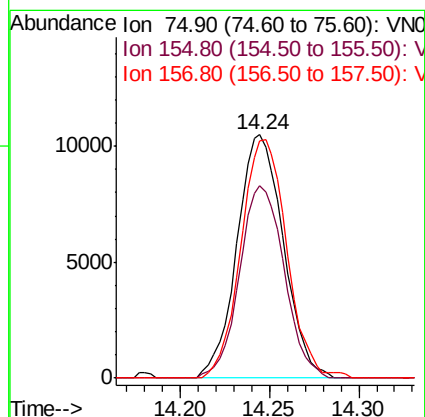
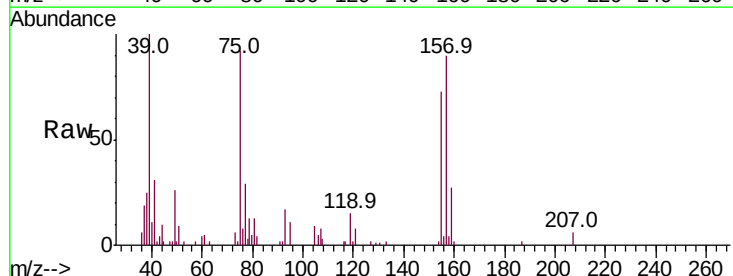
RT: 14.24 min Scan# 3889

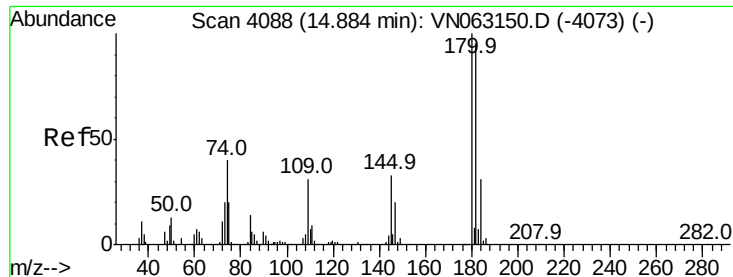
Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:	75	Resp:	18987
Ion Ratio	Lower	Upper	
75	100		
155	76.1	36.1	108.5
157	97.3	48.4	145.0





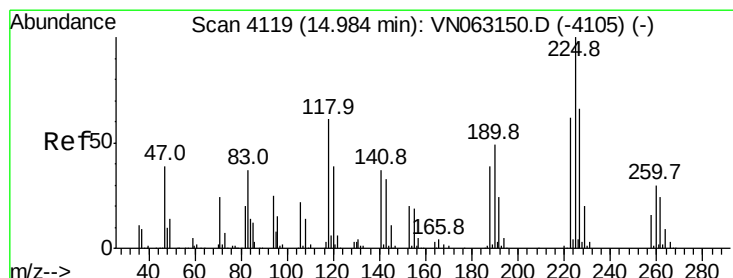
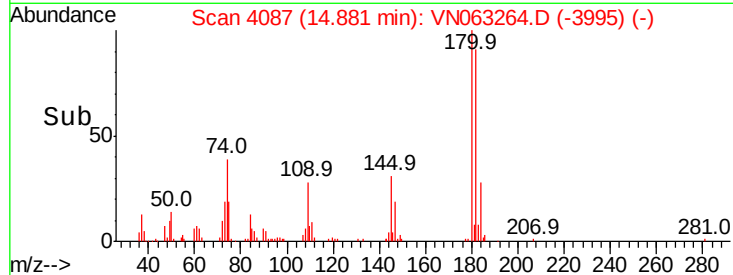
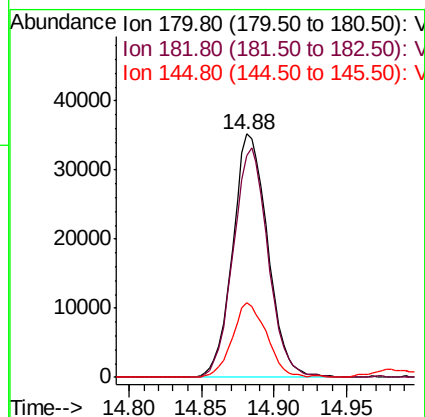
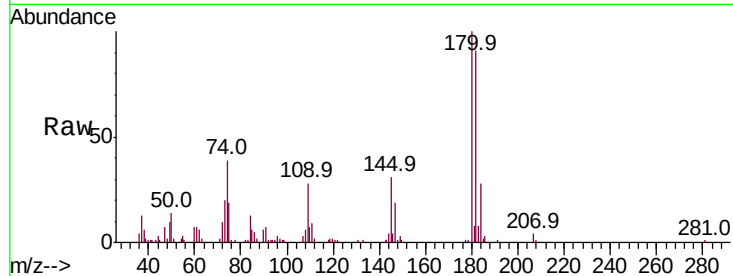
#93
1,2,4-Trichlorobenzene
Concen: 16.781 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.7	47.5	142.5	
145	29.9	16.6	49.8	

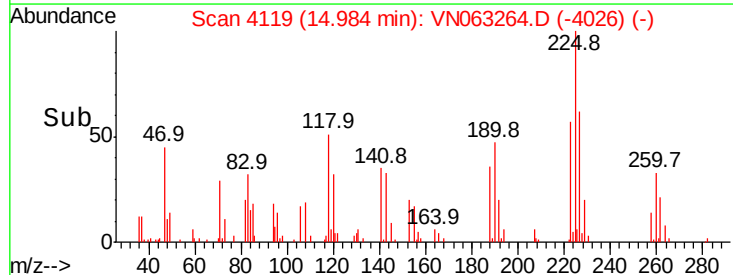
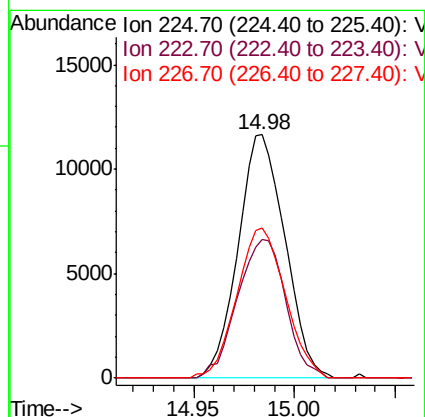
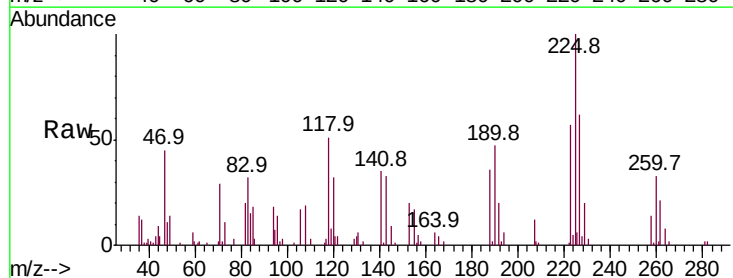
Manual Integrations
APPROVED

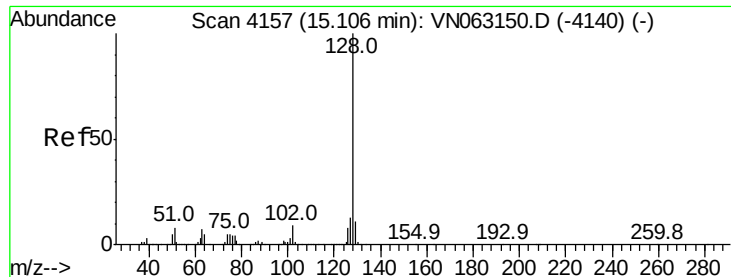
MMDadoda
9/8/2020 1:32:39 PM



#94
Hexachlorobutadiene
Concen: 14.456 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.5	30.9	92.7	
227	63.5	32.9	98.7	





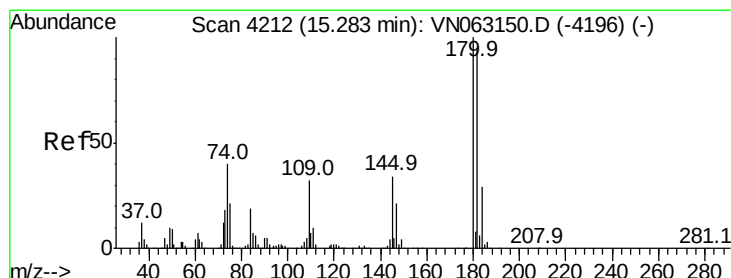
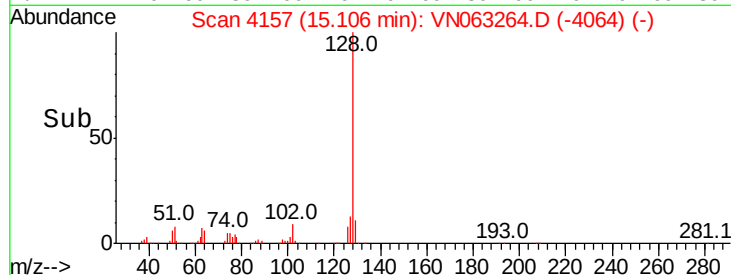
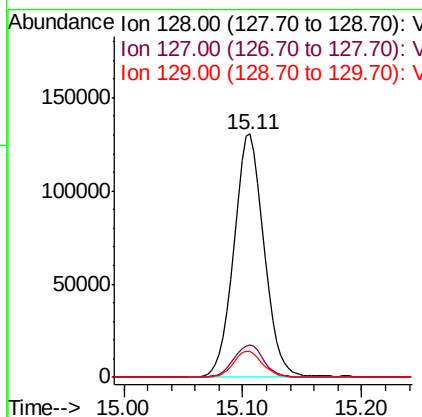
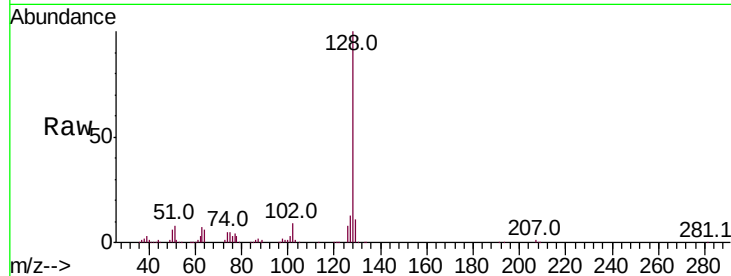
#95
Naphthalene
Concen: 19.546 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	229295		
127	13.3	10.5	15.7	
129	10.5	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
9/8/2020 1:32:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.759 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	60836		
182	94.7	47.5	142.5	
145	32.7	17.3	52.0	

