

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063279.D
 Acq On : 9 Sep 2020 13:52
 Operator : JC/MD
 Sample : VN0909WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:24 PM

Quant Time: Sep 10 04:14:28 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	456466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	823143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	749968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	354366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	376882	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.55	113	275510	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	1052828	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.38	95	399421	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	86364	19.211	ug/l	99
3) Chloromethane	2.04	50	119388	18.238	ug/l	98
4) Vinyl Chloride	2.17	62	121686	16.829	ug/l	98
5) Bromomethane	2.54	94	82368	13.532	ug/l	93
6) Chloroethane	2.68	64	79525	13.832	ug/l	98
7) Trichlorofluoromethane	2.99	101	190133	16.471	ug/l	98
8) Diethyl Ether	3.37	74	70822	20.471	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	99217	20.187	ug/l	97
10) Methyl Iodide	3.91	142	125263	18.687	ug/l	98
11) Tert butyl alcohol	4.73	59	103833	113.362	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	98350	19.638	ug/l	98
13) Acrolein	3.58	56	17812	63.626	ug/l	96
14) Allyl chloride	4.28	41	179415	20.171	ug/l	95
15) Acrylonitrile	4.93	53	259332	102.510	ug/l	99
16) Acetone	3.78	43	239145	112.740	ug/l	99
17) Carbon Disulfide	4.02	76	265397	17.804	ug/l	97
18) Methyl Acetate	4.28	43	137438	25.270	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	372334	20.041	ug/l	98
20) Methylene Chloride	4.51	84	116944	19.305	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	105859	19.132	ug/l	97
22) Diisopropyl ether	5.90	45	410225	20.581	ug/l	96
23) Vinyl Acetate	5.84	43	1654317	104.020	ug/l	96
24) 1,1-Dichloroethane	5.80	63	217333	19.779	ug/l	98
25) 2-Butanone	6.78	43	370819	112.901	ug/l	95
26) 2,2-Dichloropropane	6.78	77	183852	18.467	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	128646	19.129	ug/l	96
28) Bromochloromethane	7.15	49	103121	17.963	ug/l	100
29) Tetrahydrofuran	7.17	42	248000	109.200	ug/l	96
30) Chloroform	7.33	83	223609	19.451	ug/l	95
31) Cyclohexane	7.62	56	191217	18.648	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	194912	19.676	ug/l	99
36) 1,1-Dichloropropene	7.75	75	161302	20.384	ug/l	99
37) Ethyl Acetate	6.88	43	166546	22.499	ug/l #	96
38) Carbon Tetrachloride	7.74	117	166300	20.722	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
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Manual Integrations
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Quant Time: Sep 10 04:14:28 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)
39) Methylcyclohexane	9.05	83	173673	19.536	ug/l	95
40) Benzene	8.00	78	474877	20.421	ug/l	100
41) Methacrylonitrile	7.13	41	78997	23.697	ug/l #	92
42) 1,2-Dichloroethane	8.09	62	185576	21.364	ug/l	99
43) Isopropyl Acetate	8.13	43	282678	21.904	ug/l	98
44) Trichloroethene	8.80	130	126164	22.368	ug/l	98
45) 1,2-Dichloropropane	9.08	63	131114	21.295	ug/l	96
46) Dibromomethane	9.18	93	86302	21.152	ug/l	99
47) Bromodichloromethane	9.37	83	178667	20.429	ug/l	100
48) Methyl methacrylate	9.17	41	135988	23.375	ug/l	97
49) 1,4-Dioxane	9.17	88	40524	450.348	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	829645	118.303	ug/l	99
52) Toluene	10.13	92	291683	20.136	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	192501	20.122	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	209524	20.865	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	115316	20.786	ug/l	97
56) Ethyl methacrylate	10.40	69	178705	21.167	ug/l	98
57) 1,3-Dichloropropane	10.68	76	203422	20.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	420833	96.258	ug/l	98
59) 2-Hexanone	10.72	43	596636	121.057	ug/l	99
60) Dibromochloromethane	10.87	129	129617	21.133	ug/l	99
61) 1,2-Dibromoethane	10.98	107	121634	21.091	ug/l	98
64) Tetrachloroethene	10.60	164	121432	22.548	ug/l	98
65) Chlorobenzene	11.41	112	315387	20.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	116405	20.756	ug/l	99
67) Ethyl Benzene	11.49	91	593963	21.554	ug/l	100
68) m/p-Xylenes	11.59	106	423635	41.508	ug/l	97
69) o-Xylene	11.92	106	209195	21.218	ug/l	99
70) Styrene	11.94	104	353979	20.891	ug/l	97
71) Bromoform	12.10	173	83815	22.022	ug/l #	98
73) Isopropylbenzene	12.23	105	560184	20.611	ug/l	100
74) N-amyl acetate	12.05	43	242109	21.505	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	161463	20.605	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	149518m	21.475	ug/l	
77) Bromobenzene	12.50	156	156246	25.419	ug/l	76
78) n-propylbenzene	12.57	91	649551	20.653	ug/l	99
79) 2-Chlorotoluene	12.65	91	392445	20.833	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	474414	20.970	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	54443	18.899	ug/l	94
82) 4-Chlorotoluene	12.75	91	410505	21.012	ug/l	98
83) tert-Butylbenzene	12.97	119	388846	20.041	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	487549	21.381	ug/l	97
85) sec-Butylbenzene	13.15	105	514791	20.358	ug/l	100
86) p-Isopropyltoluene	13.26	119	465976	20.756	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	232932	20.628	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	226923	19.407	ug/l	95
89) n-Butylbenzene	13.59	91	423770	20.433	ug/l	99
90) Hexachloroethane	13.85	117	77484	18.645	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	230870	21.068	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	38904	22.583	ug/l	89

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0909WBSD01

Manual Integrations
APPROVED

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Quant Time: Sep 10 04:14:28 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)
93) 1,2,4-Trichlorobenzene	14.88	180	135680	22.162	ug/l	99
94) Hexachlorobutadiene	14.98	225	52212	22.830	ug/l	97
95) Naphthalene	15.10	128	553075	27.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	126664	21.236	ug/l	99

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

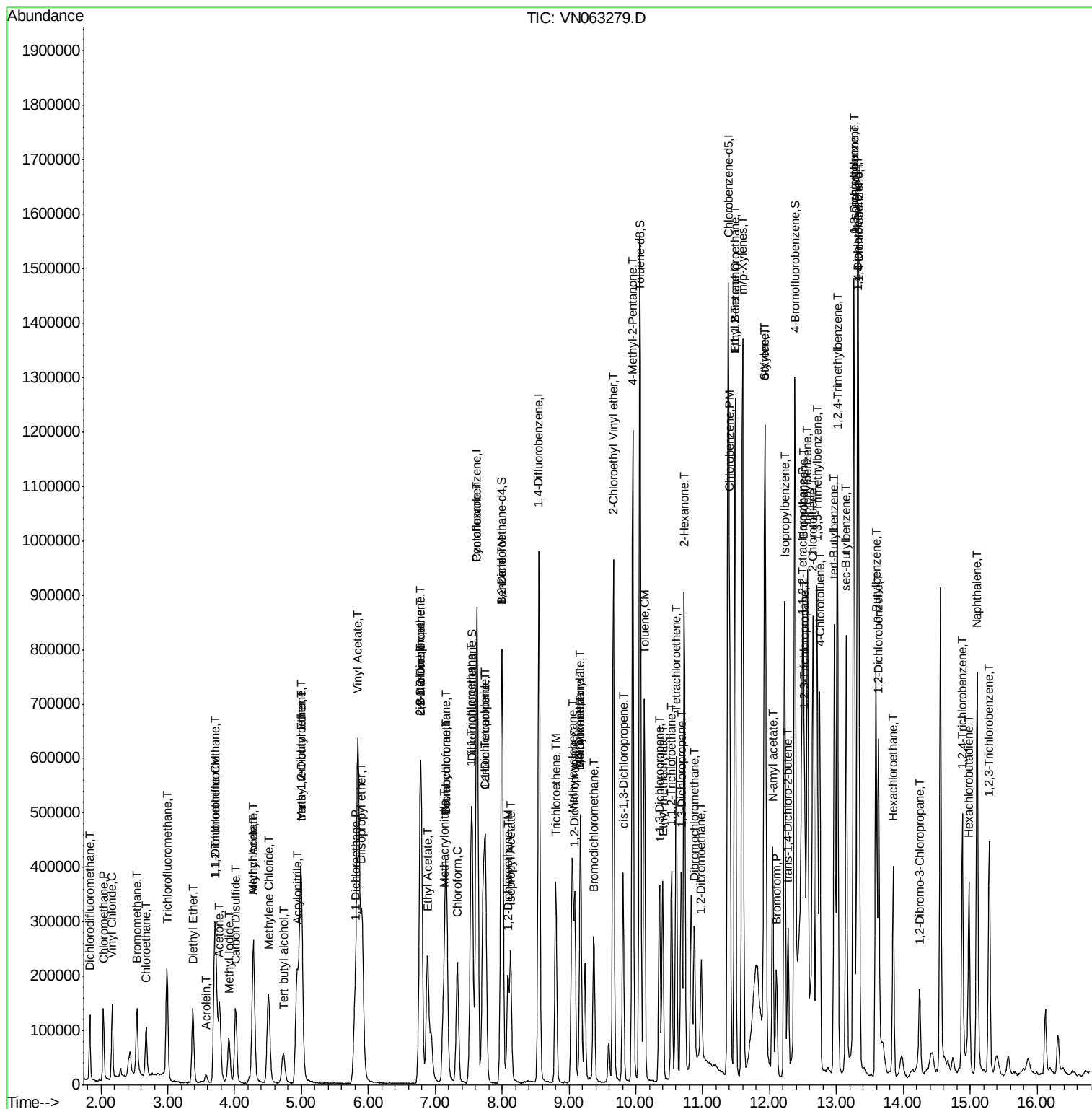
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Data File : VN063279.D
Acq On : 9 Sep 2020 13:52
Operator : JC/MD
Sample : VN0909WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

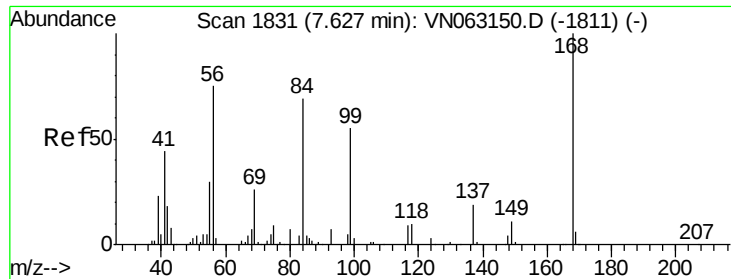
Instrument :
MSVOA_N
Client Sampled :
VN0909WBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tot Ion:168 Resp: 456466

Ion Ratio Lower Upper

168 100

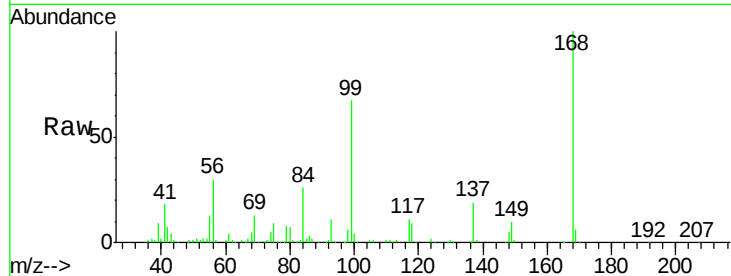
99 66.4 54.2 81.2

Manual Integrations

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9/10/2020 4:04:24 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

200000

150000

100000

50000

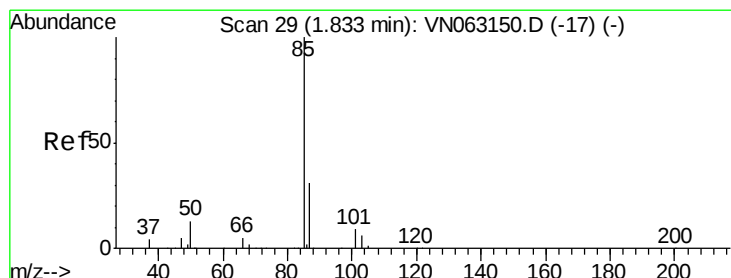
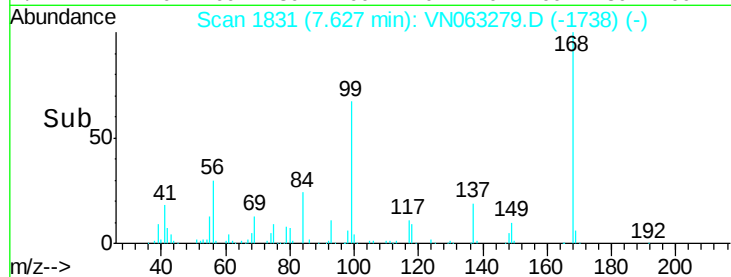
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.211 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063279.D

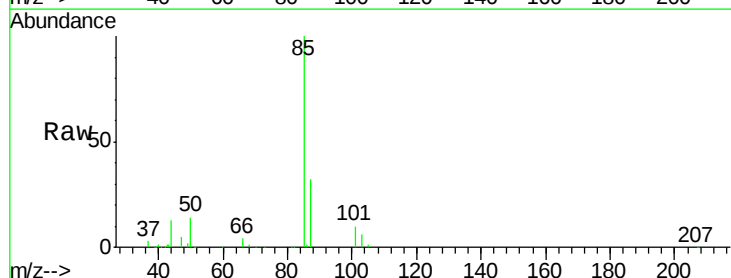
Acq: 9 Sep 2020 13:52

Tgt Ion: 85 Resp: 86364

Ion Ratio Lower Upper

85 100

87 31.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

60000

40000

20000

0

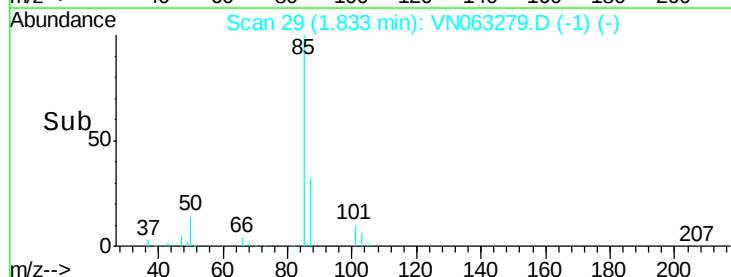
1.75

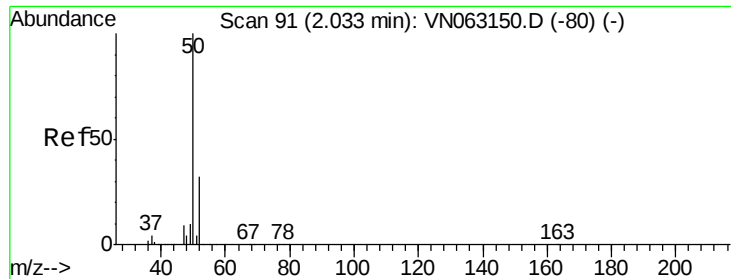
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 18.238 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tot Ion: 50 Resp: 119388

Ion Ratio Lower Upper

50 100

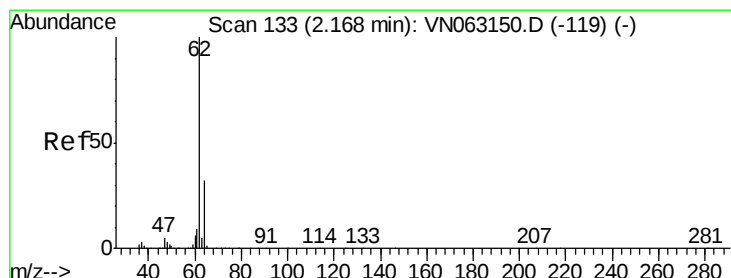
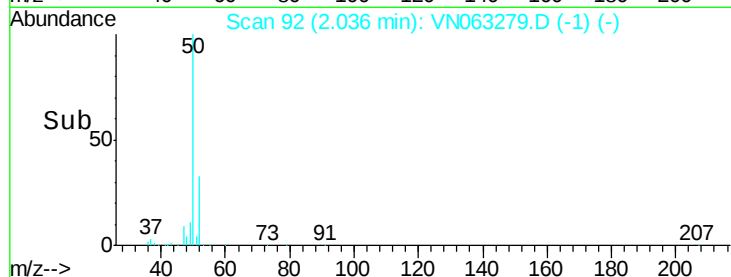
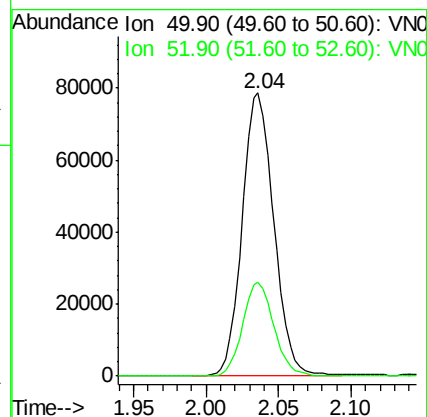
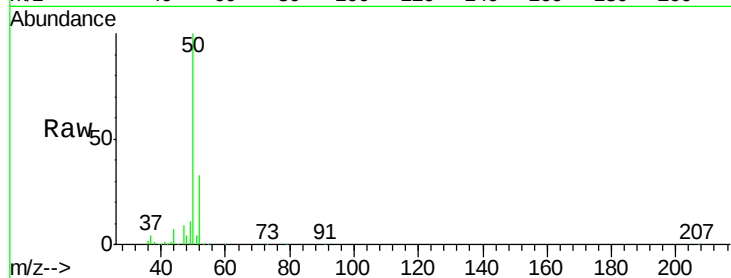
52 33.3 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.829 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063279.D

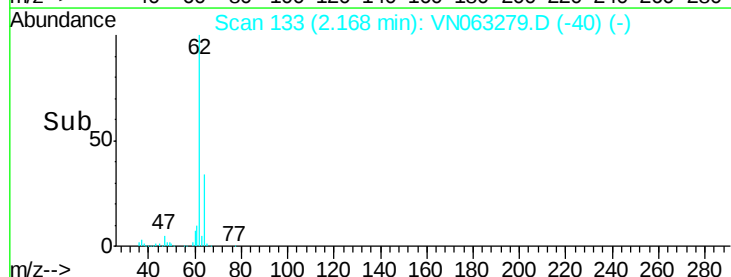
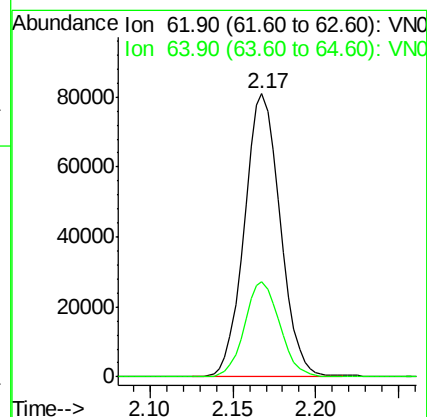
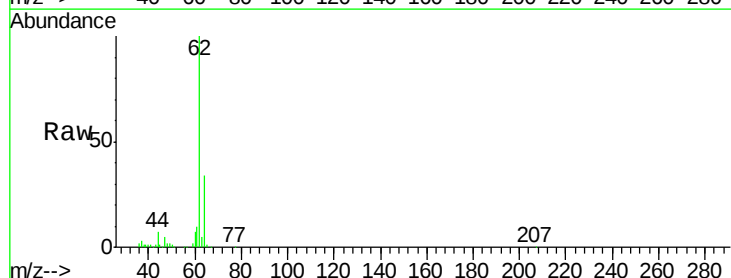
Acq: 9 Sep 2020 13:52

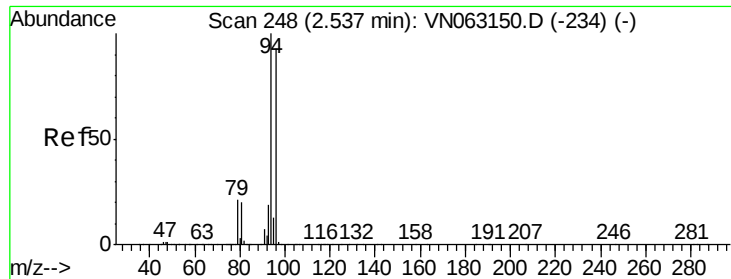
Tgt Ion: 62 Resp: 121686

Ion Ratio Lower Upper

62 100

64 33.6 25.8 38.8





#5

Bromomethane

Concen: 13.532 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

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ClientSampleId :

VN0909WBSD01

Tot Ion: 94 Resp: 82368

Ion Ratio Lower Upper

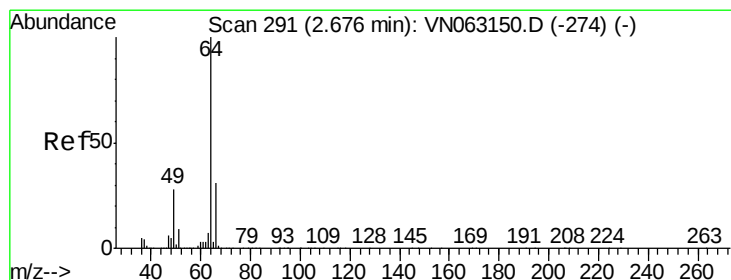
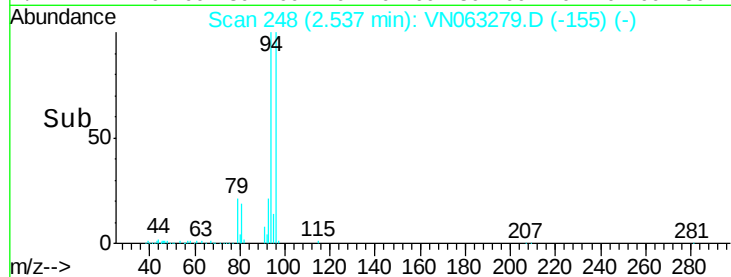
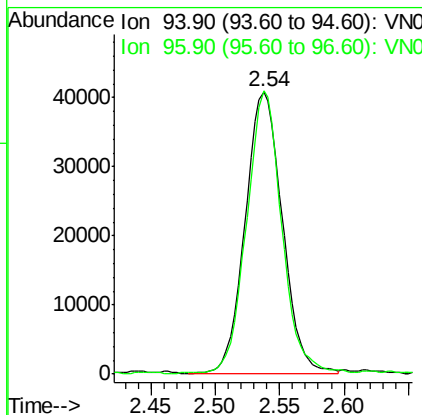
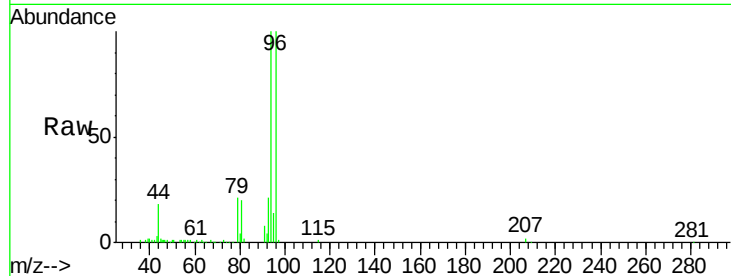
94 100

96 99.8 74.4 111.6

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#6

Chloroethane

Concen: 13.832 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063279.D

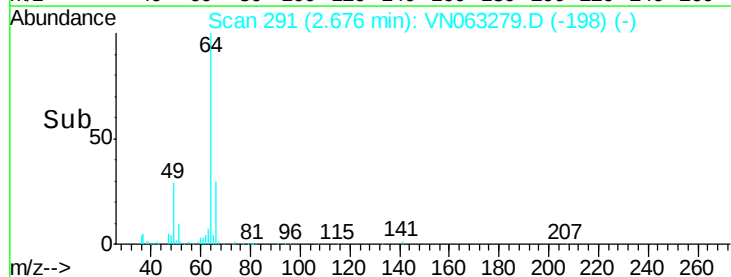
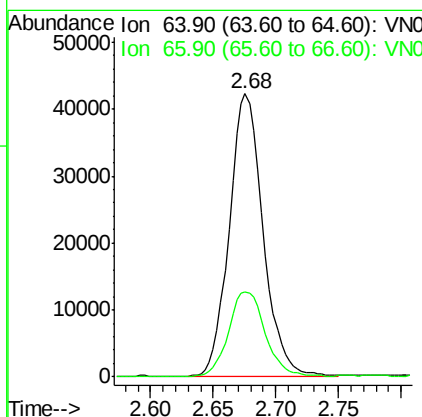
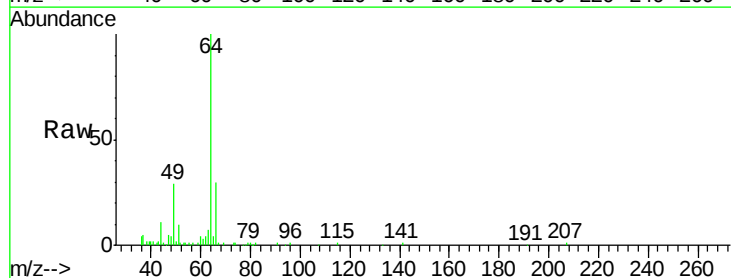
Acq: 9 Sep 2020 13:52

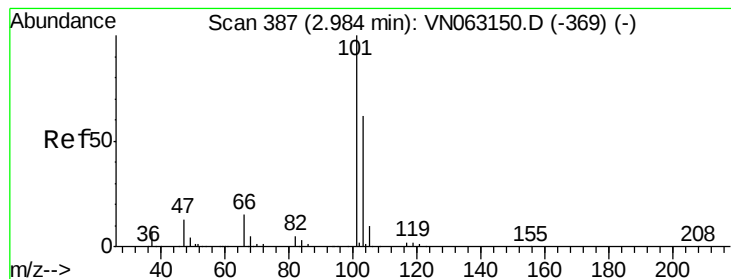
Tgt Ion: 64 Resp: 79525

Ion Ratio Lower Upper

64 100

66 30.0 24.7 37.1





#7

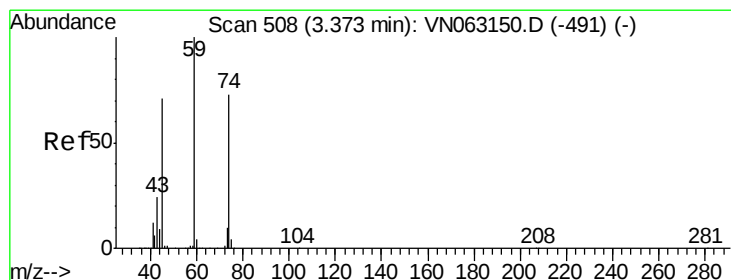
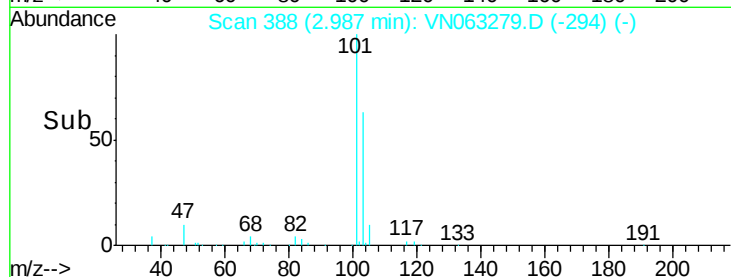
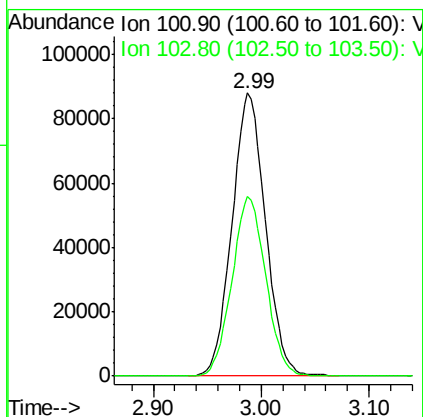
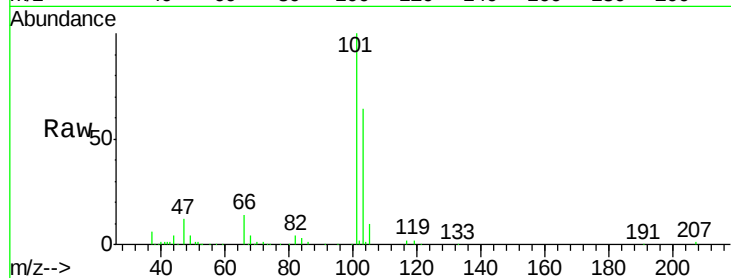
Trichlorofluoromethane
 Concen: 16.471 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
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 VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	190133		
103	63.6	49.7	74.5	

Manual Integrations
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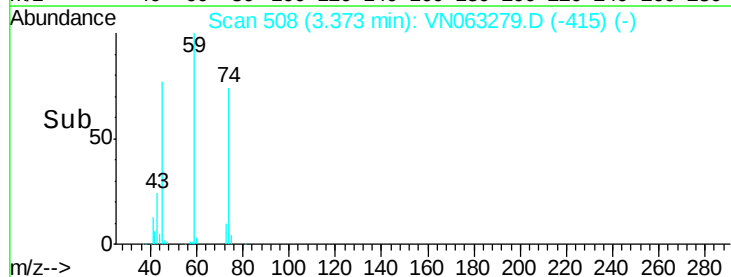
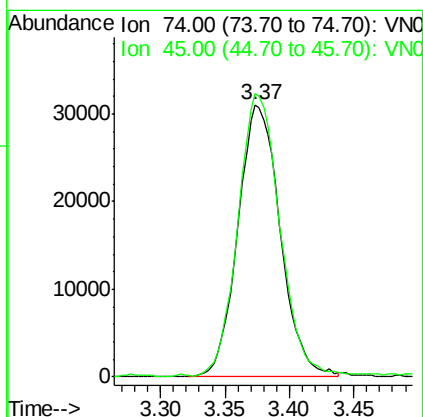
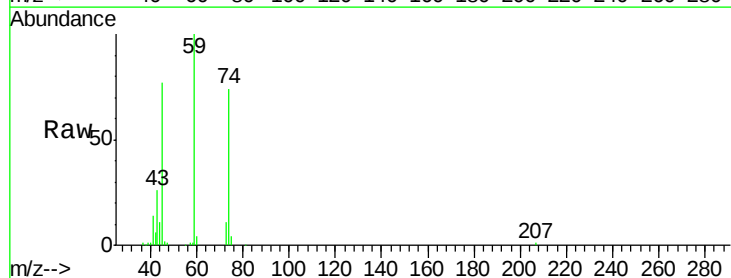
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 9/10/2020 4:04:24 PM

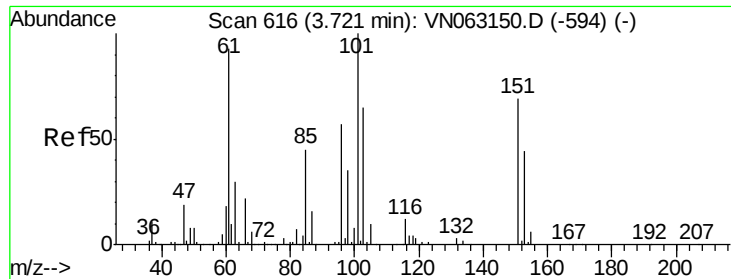


#8

Diethyl Ether
 Concen: 20.471 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	70822		
45	104.0	49.5	148.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.187 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

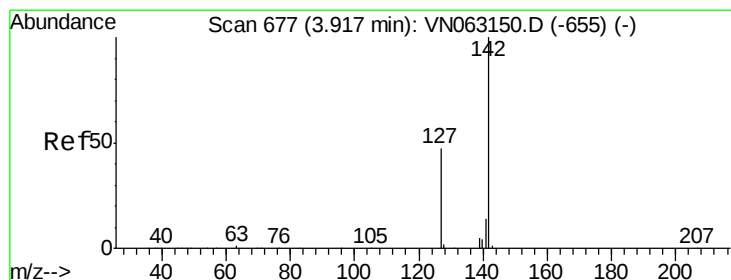
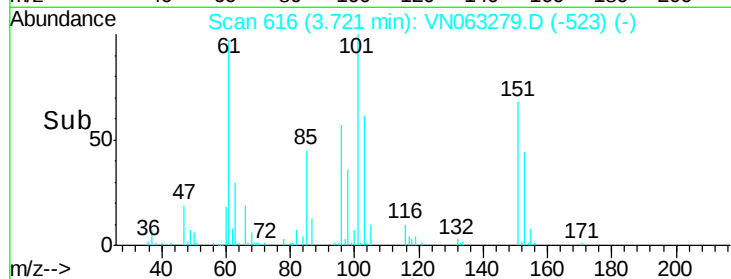
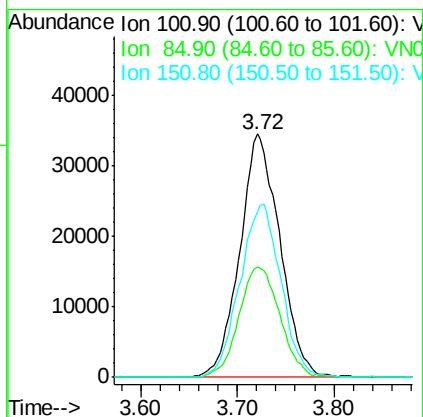
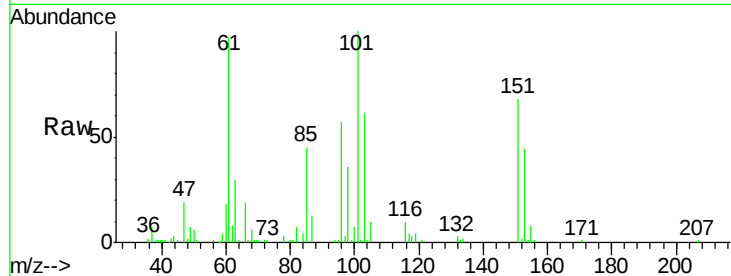
ClientSampleId :

VN0909WBSD01

Tot Ion:	101	Resp:	99217
Ion Ratio	Lower	Upper	
101	100		
85	46.5	37.8	56.8
151	72.7	55.0	82.4

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#10

Methyl Iodide

Concen: 18.687 ug/l

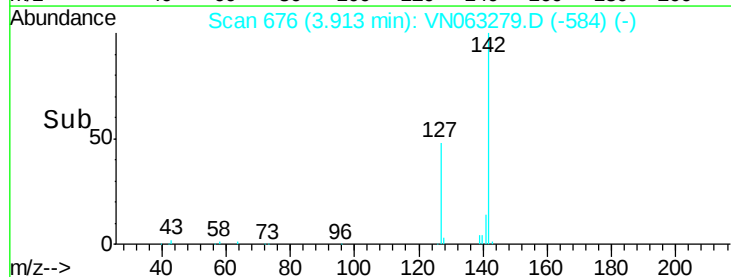
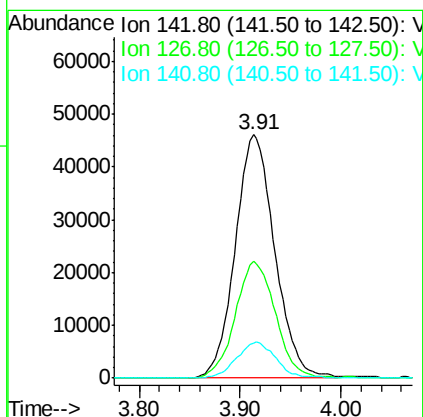
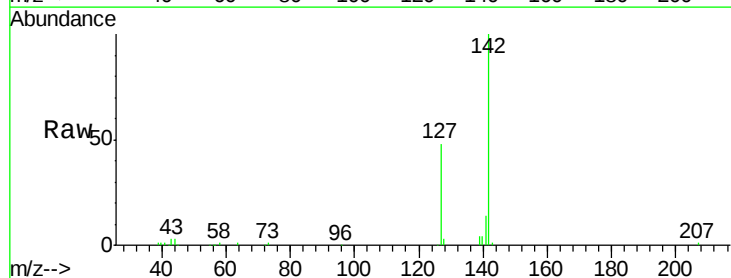
RT: 3.91 min Scan# 676

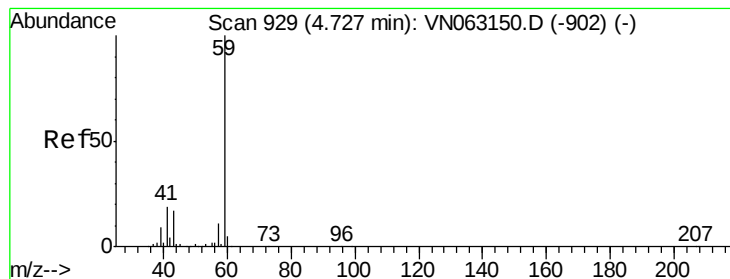
Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Tgt Ion:	142	Resp:	125263
Ion Ratio	Lower	Upper	
142	100		
127	48.4	37.6	56.4
141	14.6	11.3	16.9





#11

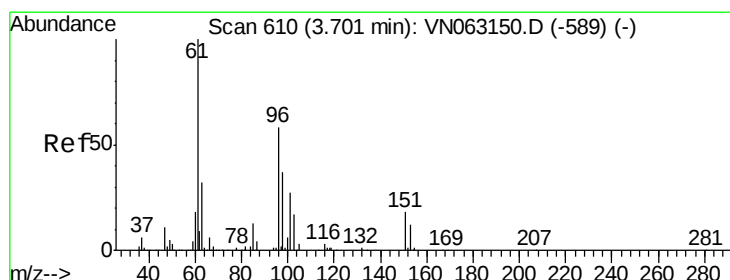
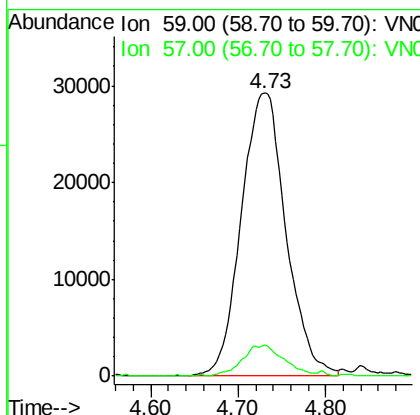
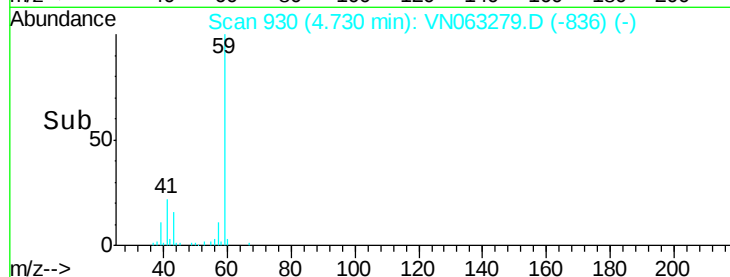
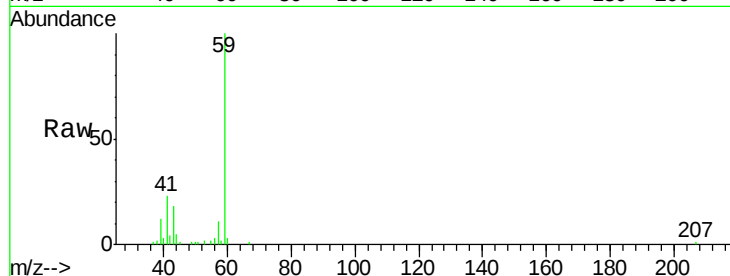
Tert butyl alcohol
 Concen: 113.362 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion: 59 Resp: 103833
 Ion Ratio Lower Upper
 59 100
 57 4.5 8.4 12.6#

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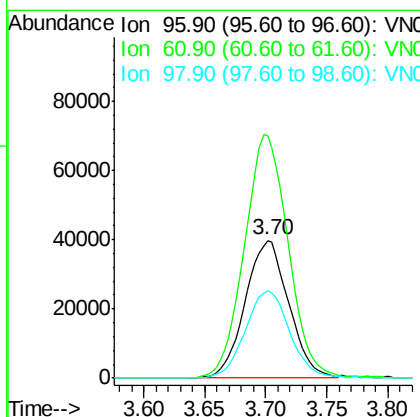
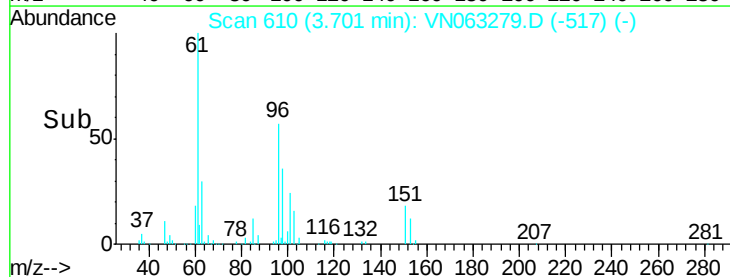
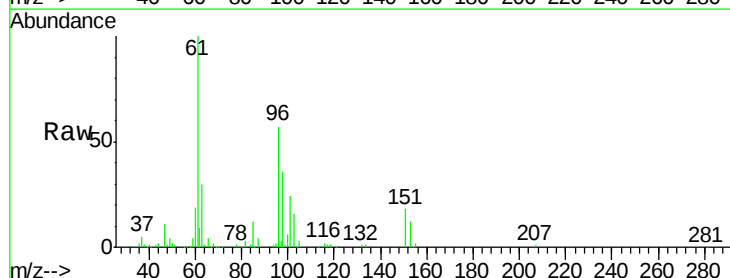
MMDadoda
 9/10/2020 4:04:24 PM

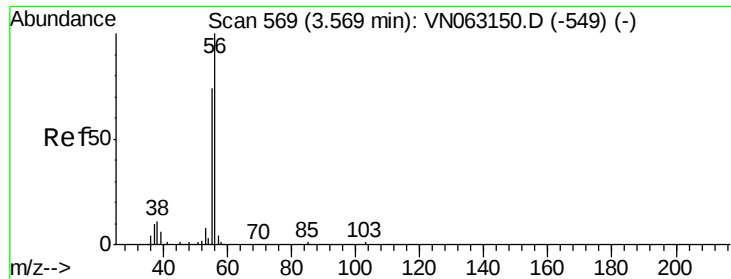


#12

1,1-Dichloroethene
 Concen: 19.638 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion: 96 Resp: 98350
 Ion Ratio Lower Upper
 96 100
 61 175.8 137.4 206.2
 98 63.0 50.5 75.7





#13

Acrolein

Concen: 63.626 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tot Ion: 56 Resp: 17812

Ion Ratio Lower Upper

56 100

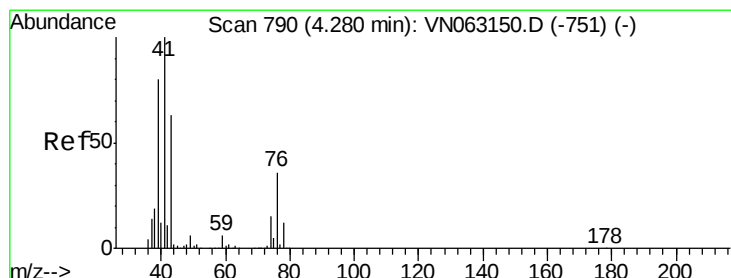
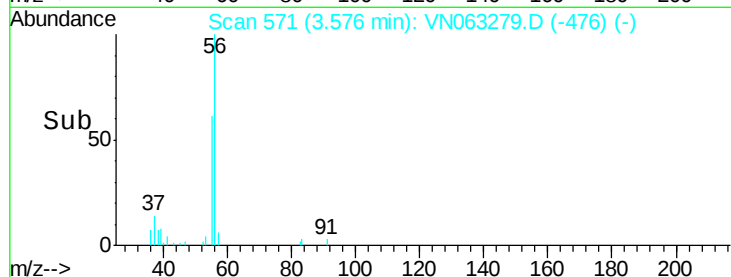
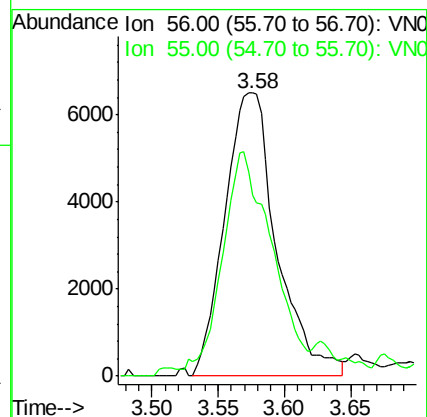
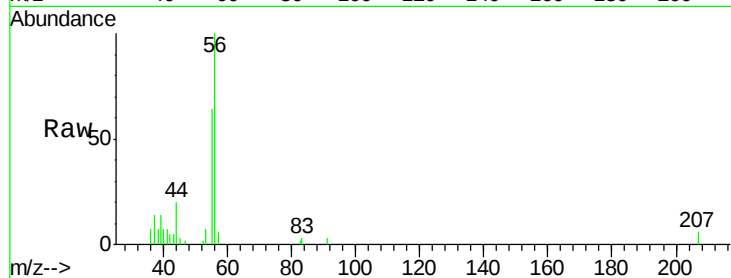
55 72.5 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.171 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

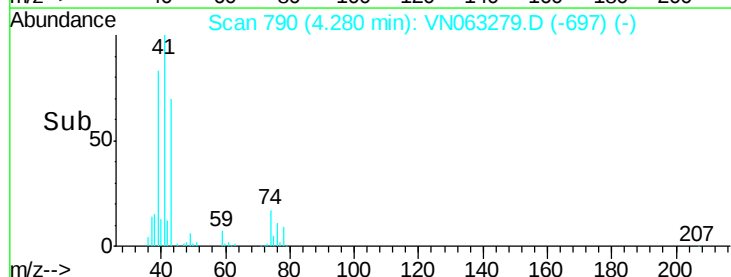
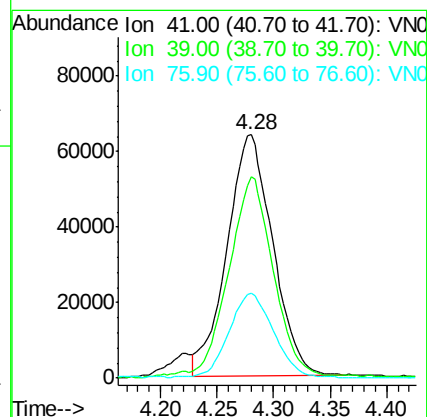
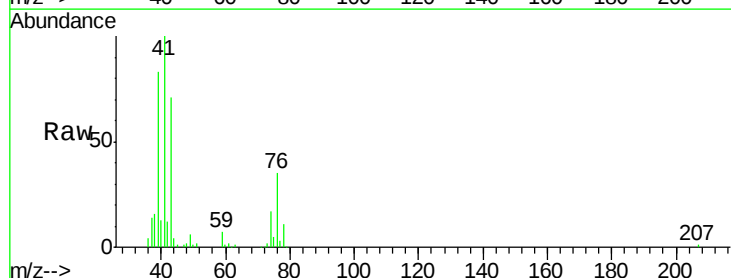
Tgt Ion: 41 Resp: 179415

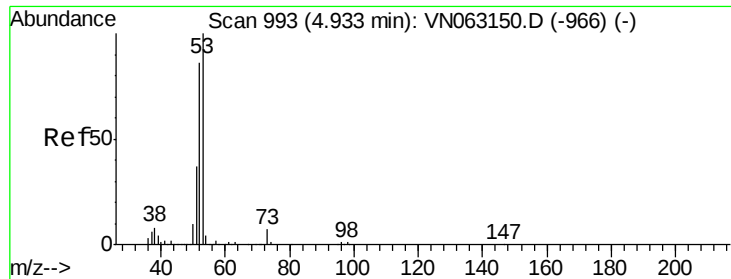
Ion Ratio Lower Upper

41 100

39 81.4 60.2 90.2

76 34.6 27.7 41.5





#15

Acrylonitrile

Concen: 102.510 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

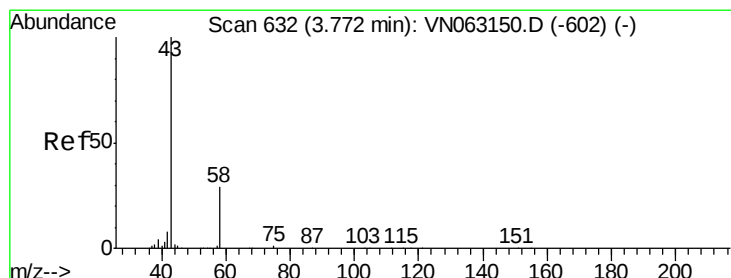
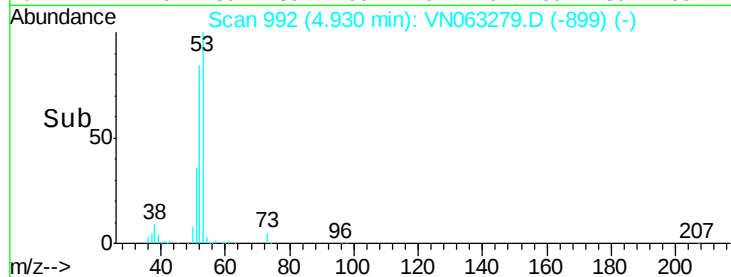
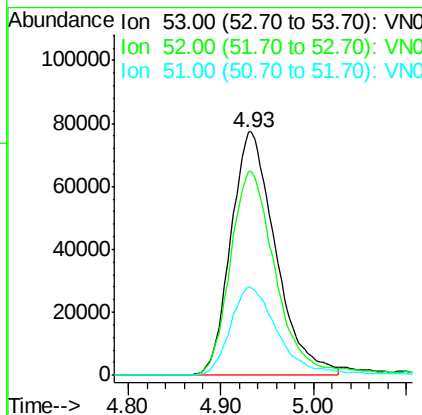
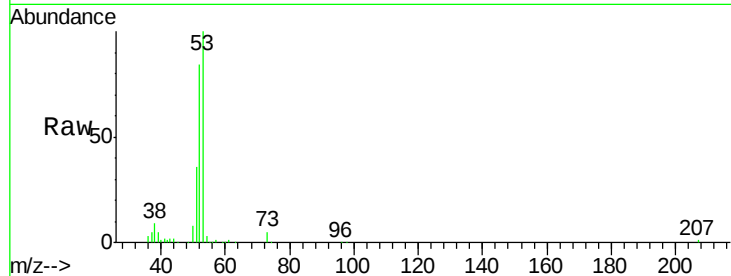
ClientSampleId :

VN0909WBSD01

Tot Ion:	53	Resp:	259332
Ion Ratio	Lower	Upper	
53	100		
52	84.6	67.2	100.8
51	38.1	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 112.740 ug/l

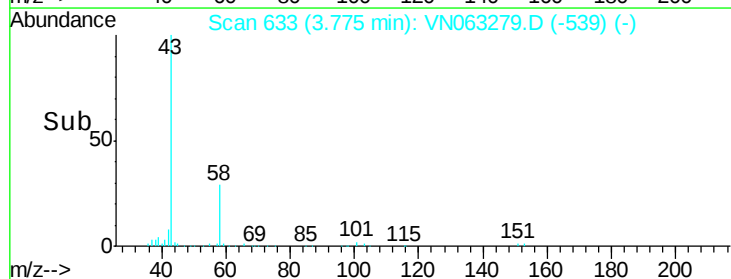
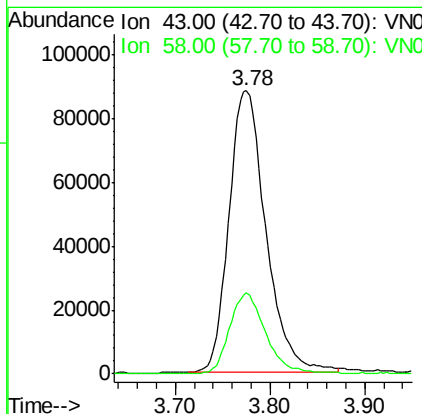
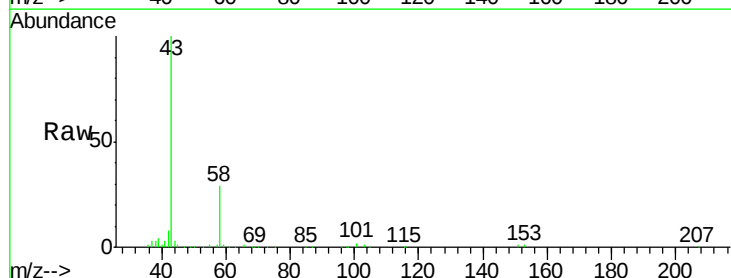
RT: 3.78 min Scan# 633

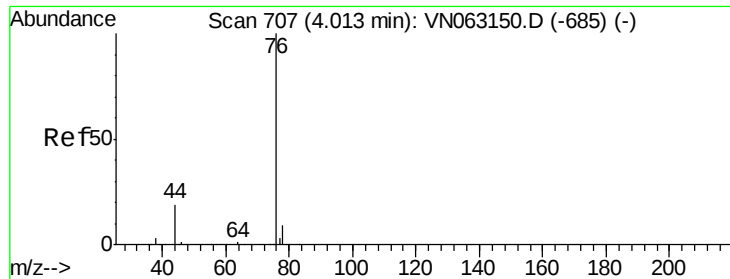
Delta R.T. 0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Tgt Ion:	43	Resp:	239145
Ion Ratio	Lower	Upper	
43	100		
58	28.5	23.1	34.7





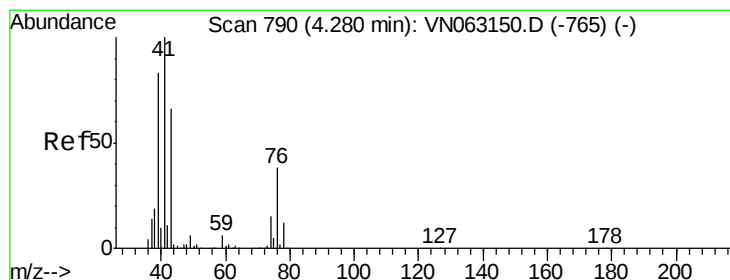
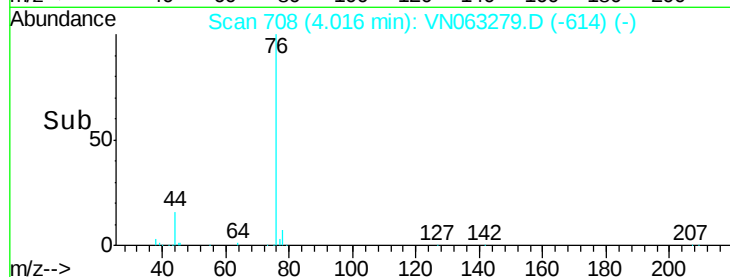
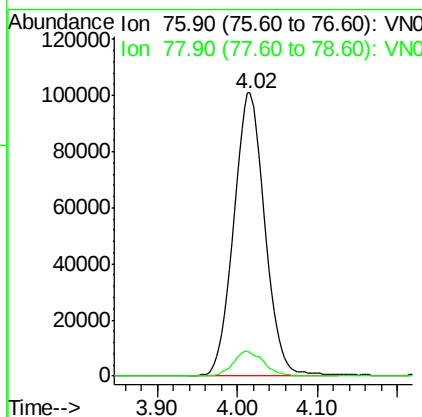
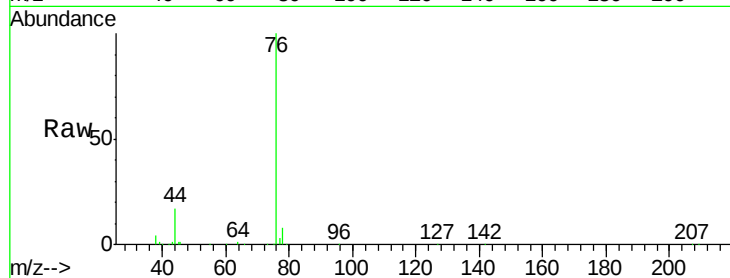
#17
Carbon Disulfide
Concen: 17.804 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.5	11.3

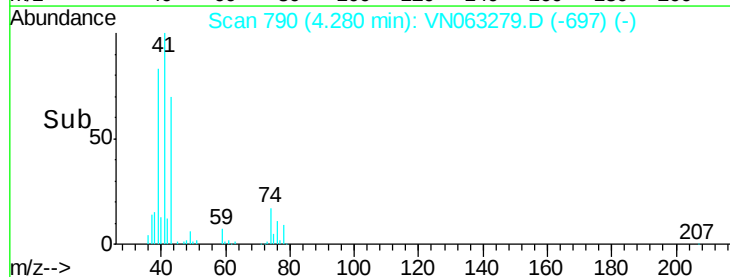
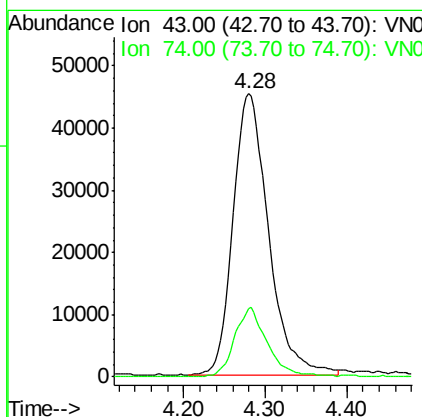
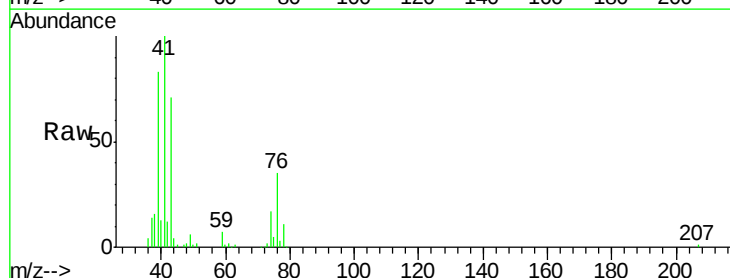
Manual Integrations
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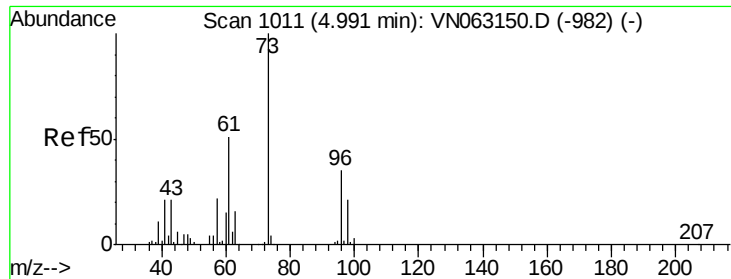
MMDadoda
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#18
Methyl Acetate
Concen: 25.270 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.0	28.6





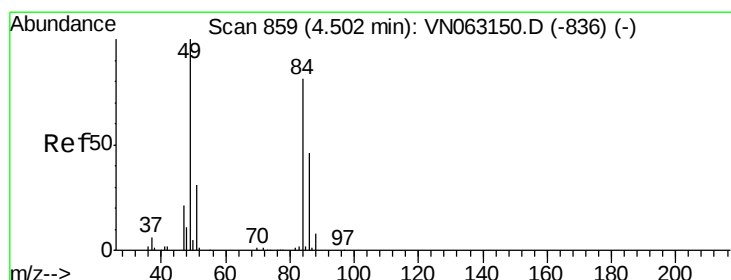
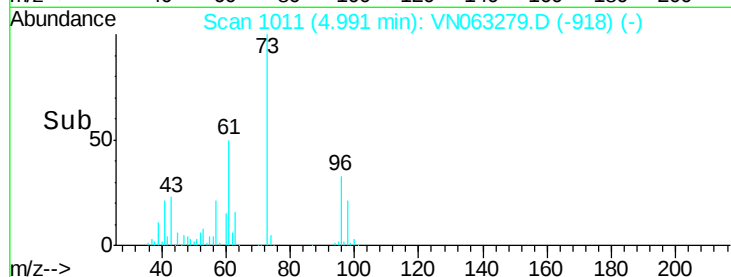
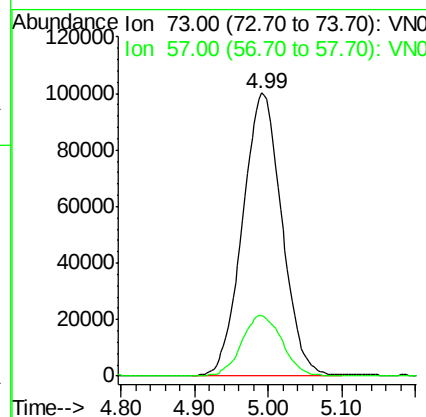
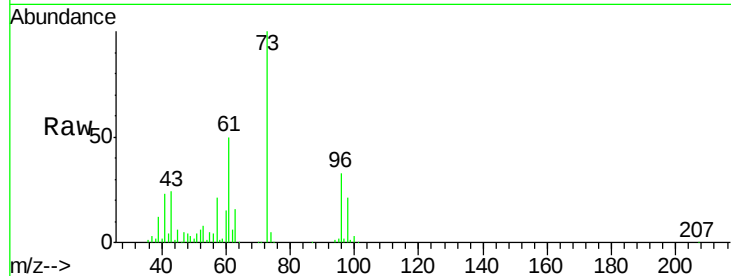
#19
Methyl tert-butyl Ether
Concen: 20.041 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion: 73 Resp: 372334
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

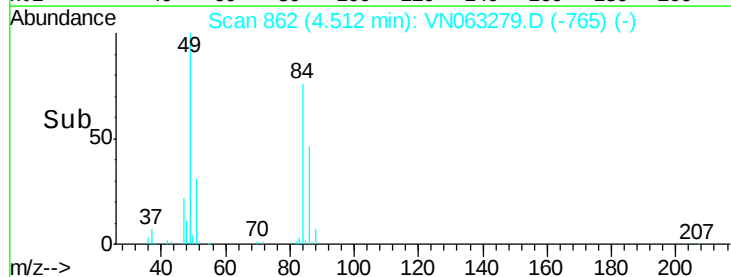
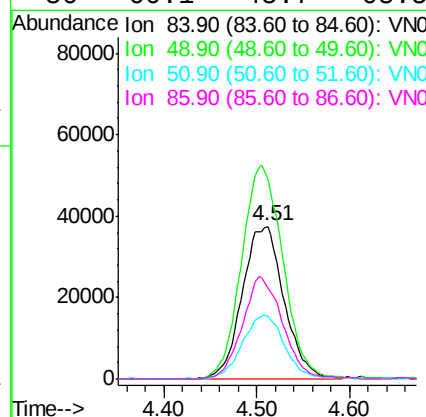
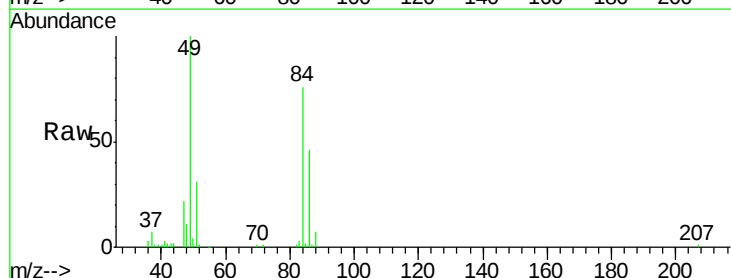
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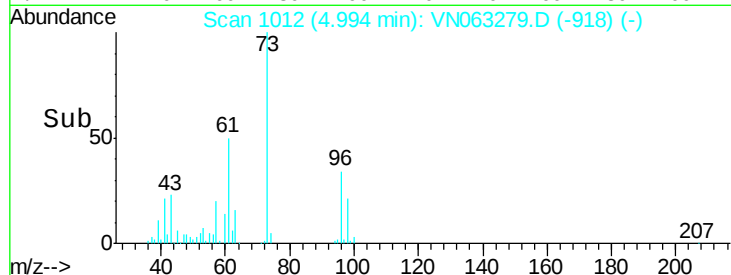
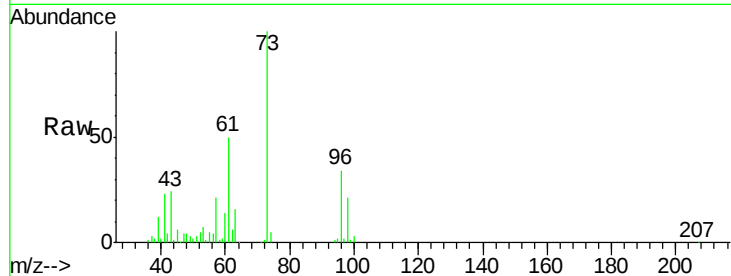
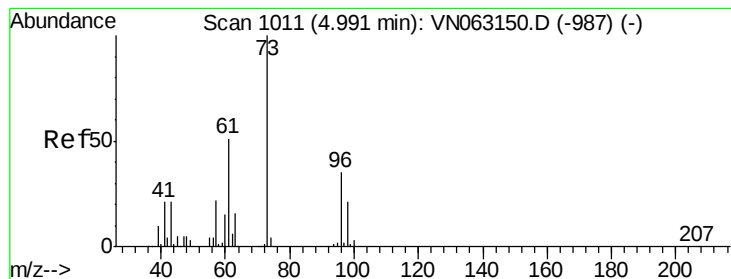
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#20
Methylene Chloride
Concen: 19.305 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion: 84 Resp: 116944
Ion Ratio Lower Upper
84 100
49 131.0 98.4 147.6
51 40.8 30.4 45.6
86 60.1 45.7 68.5





#21

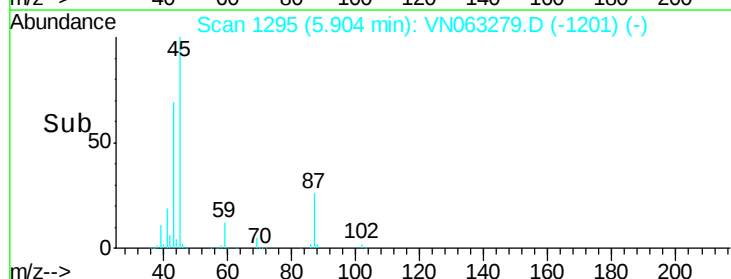
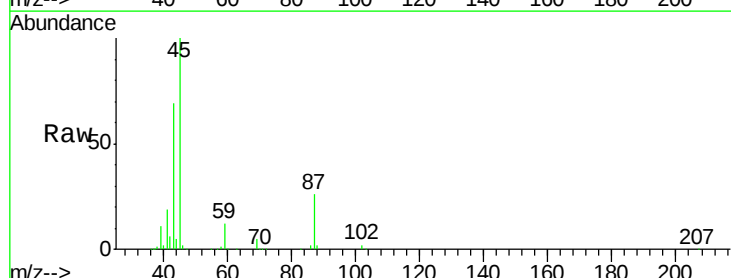
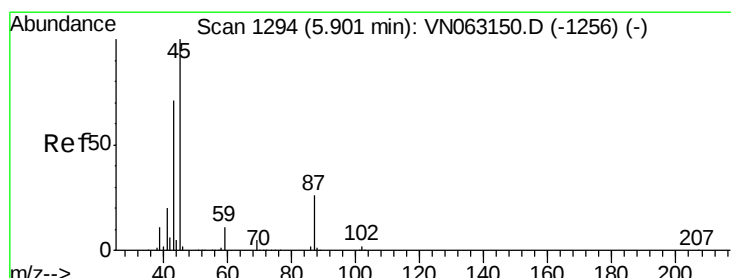
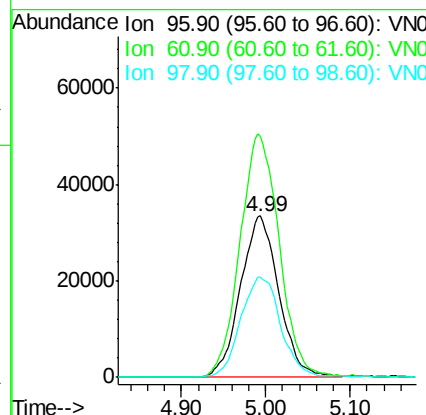
trans-1,2-Dichloroethene
Concen: 19.132 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.4	116.2	174.4
98	62.2	48.0	72.0

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

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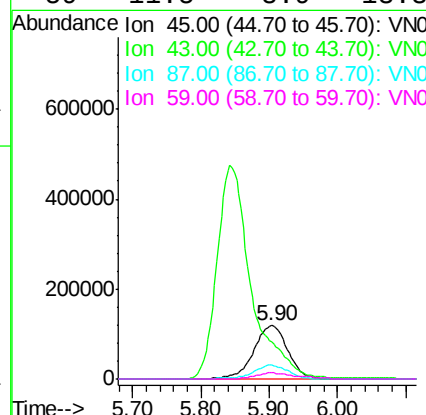
MMDadoda
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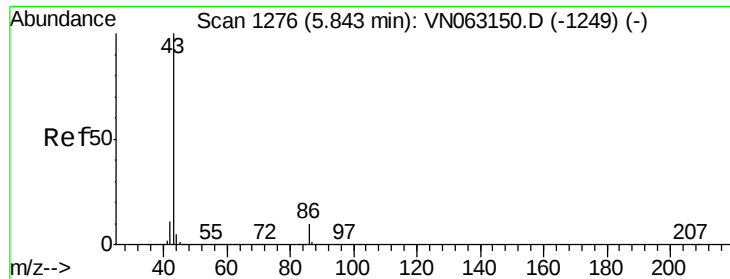


#22

Diisopropyl ether
Concen: 20.581 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.6	56.8	85.2
87	26.1	21.1	31.7
59	11.5	8.9	13.3





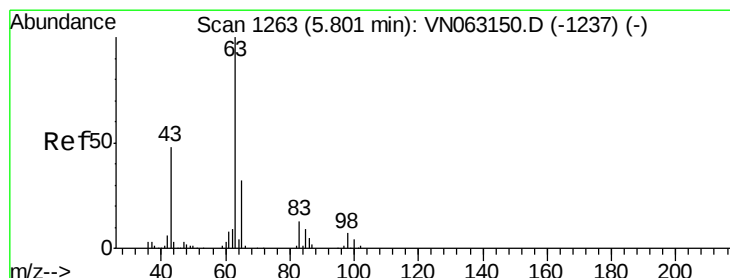
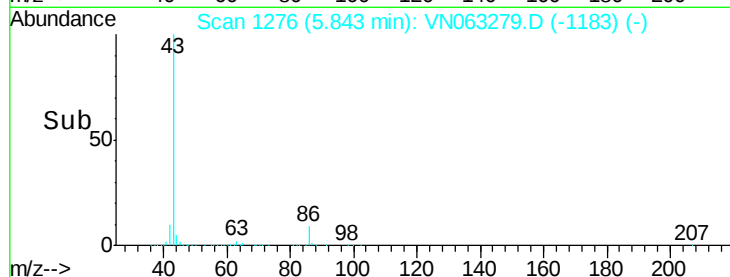
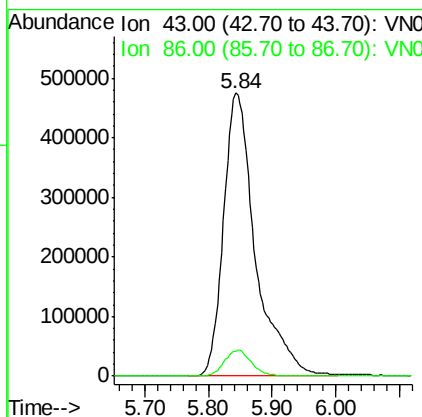
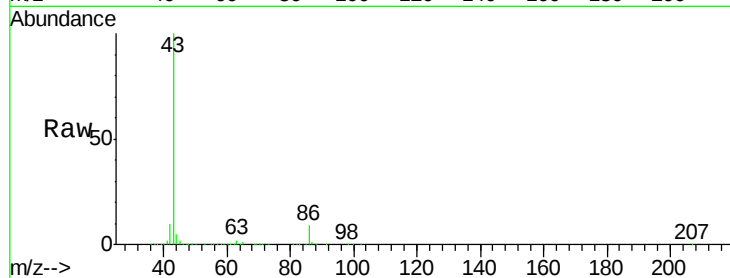
#23
 Vinyl Acetate
 Concen: 104.020 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion: 43 Resp: 1654317
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.3 12.5

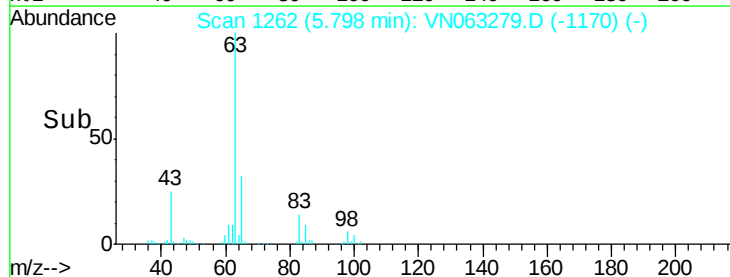
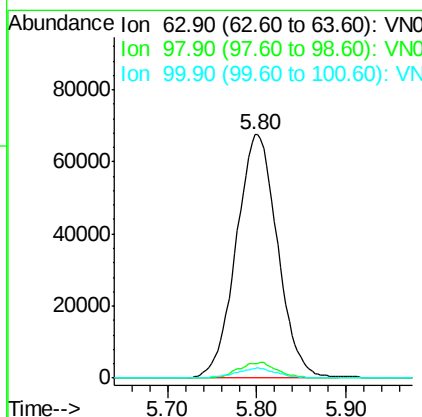
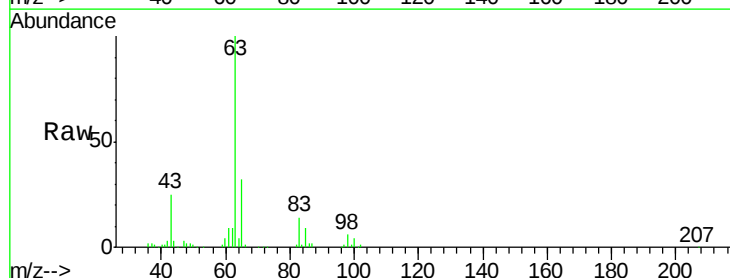
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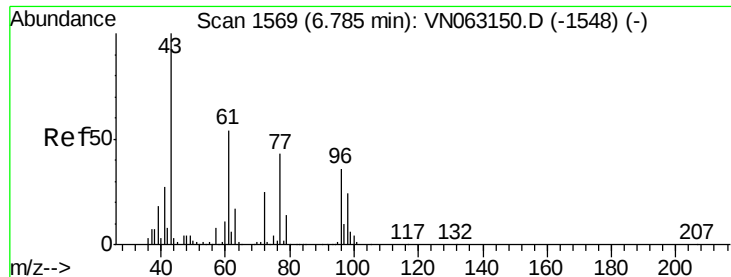
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 19.779 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion: 63 Resp: 217333
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.1
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 112.901 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tot Ion: 43 Resp: 370819

Ion Ratio Lower Upper

43 100

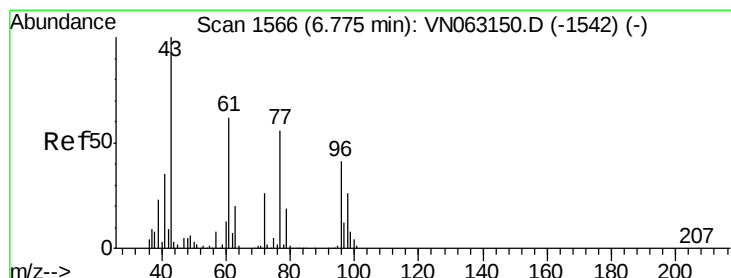
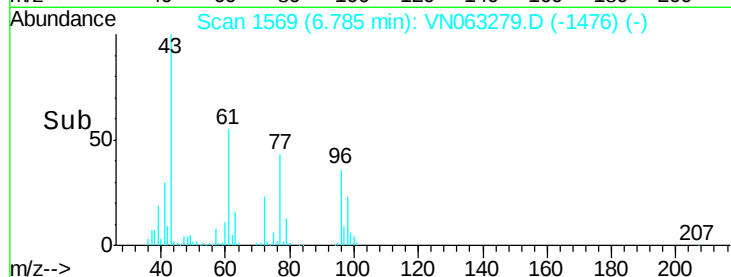
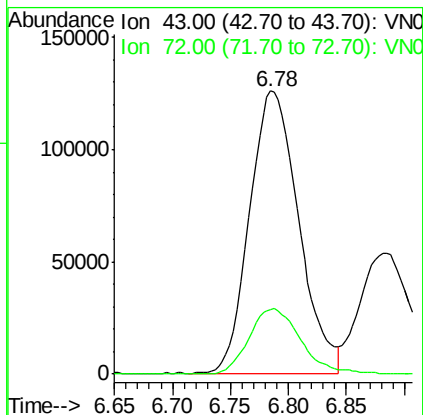
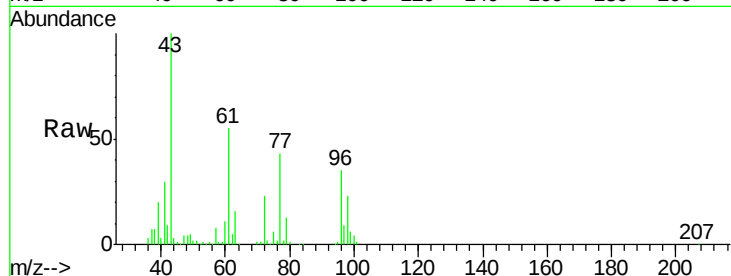
72 23.0 20.2 30.4

Manual Integrations

APPROVED

MMDadoda

9/10/2020 4:04:24 PM



#26

2,2-Dichloropropane

Concen: 18.467 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063279.D

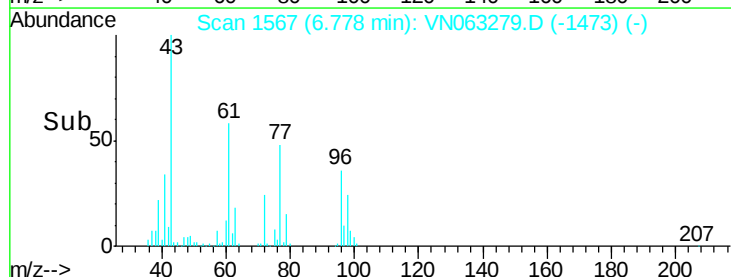
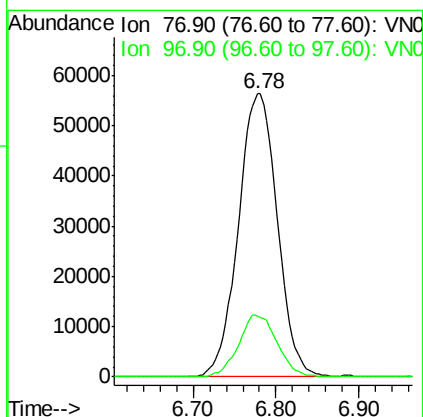
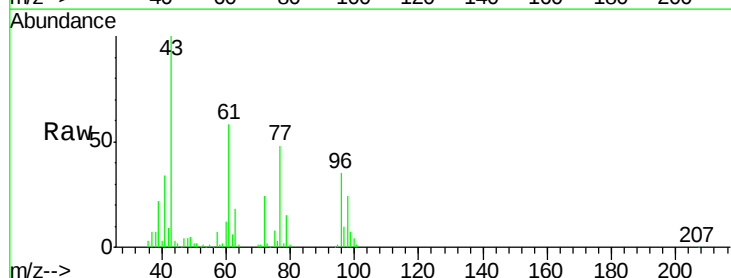
Acq: 9 Sep 2020 13:52

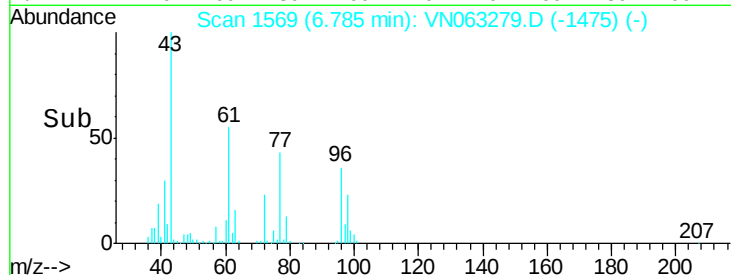
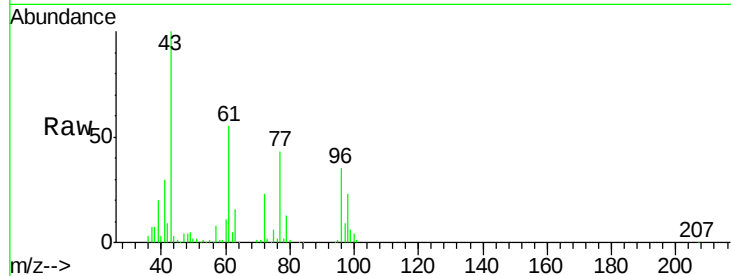
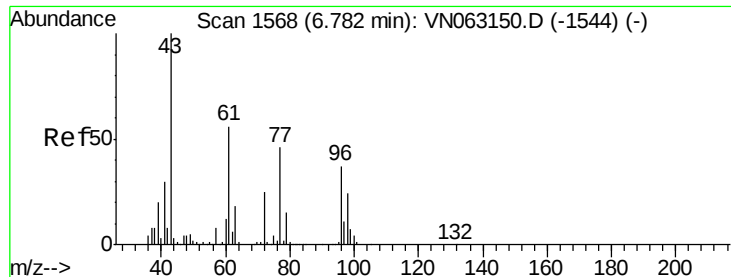
Tgt Ion: 77 Resp: 183852

Ion Ratio Lower Upper

77 100

97 21.6 10.7 31.9





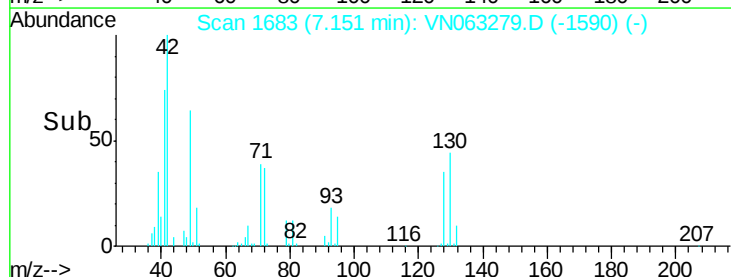
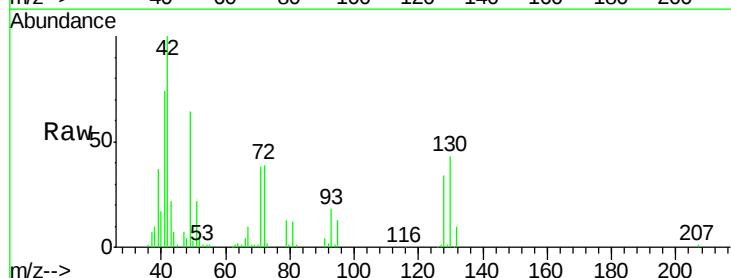
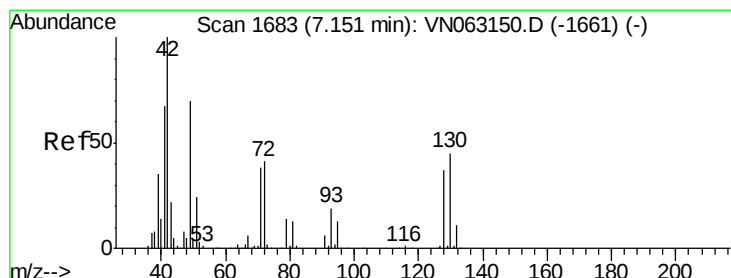
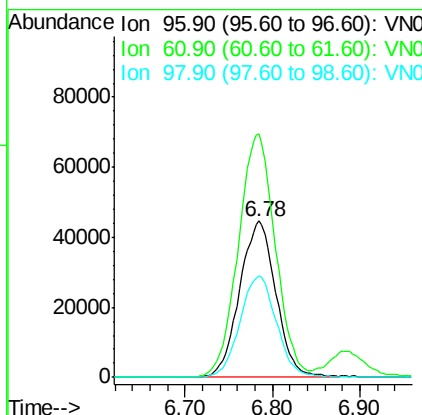
#27
 cis-1,2-Dichloroethene
 Concen: 19.129 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.2	0.0	303.2	
98	65.1	0.0	129.0	

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

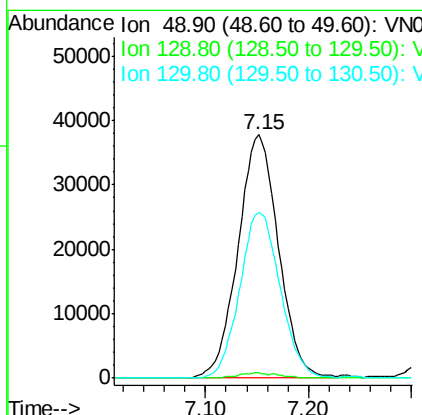
Manual Integrations
 APPROVED

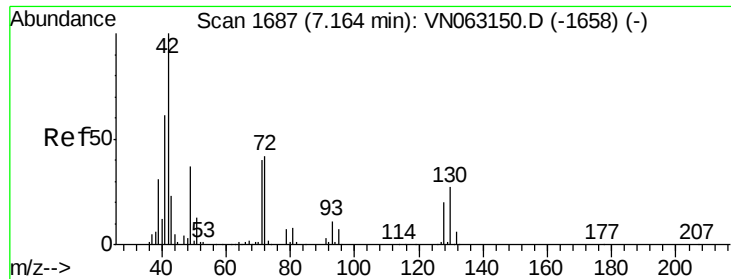
MMDadoda
 9/10/2020 4:04:24 PM



#28
 Bromochloromethane
 Concen: 17.963 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	4.0	
130	67.9	54.4	81.6	





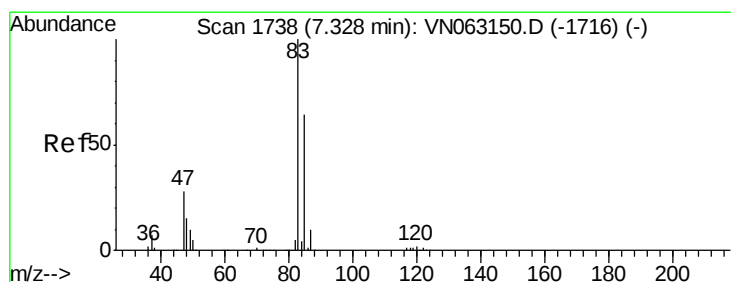
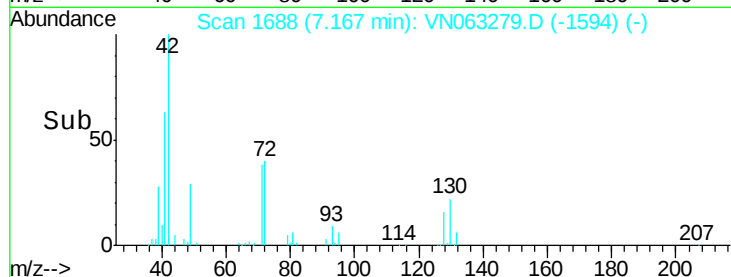
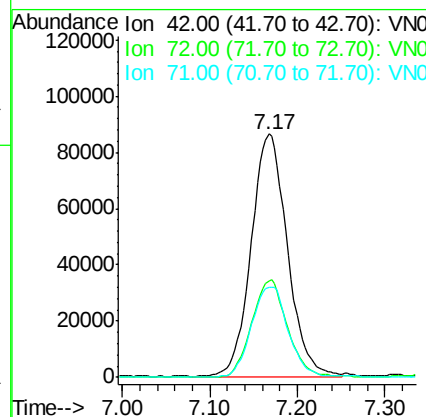
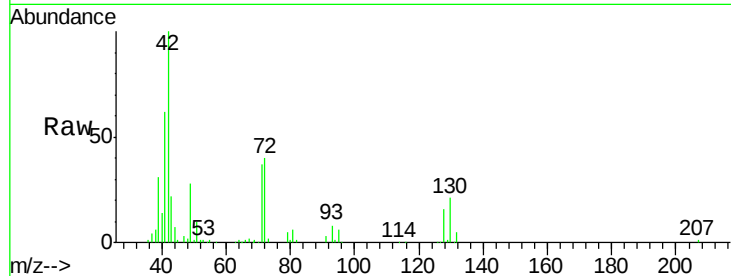
#29
Tetrahydrofuran
Concen: 109.200 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.9	50.9
71	38.1	31.9	47.9

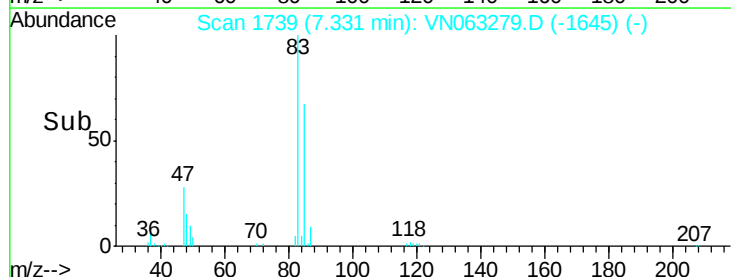
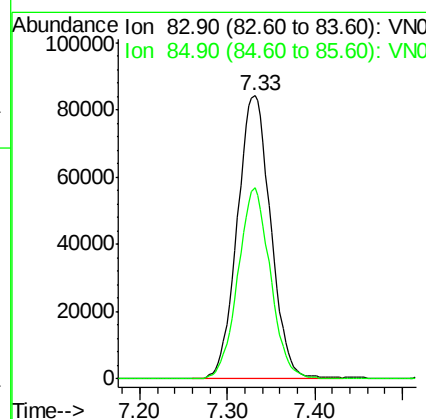
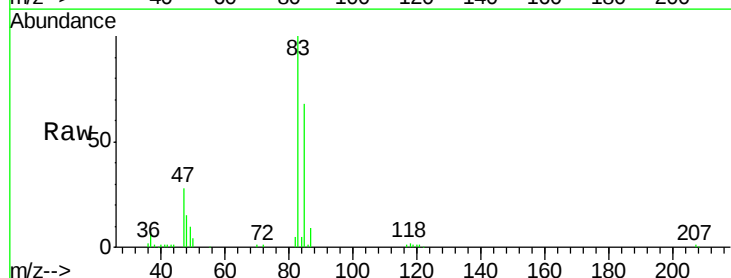
Manual Integrations
APPROVED

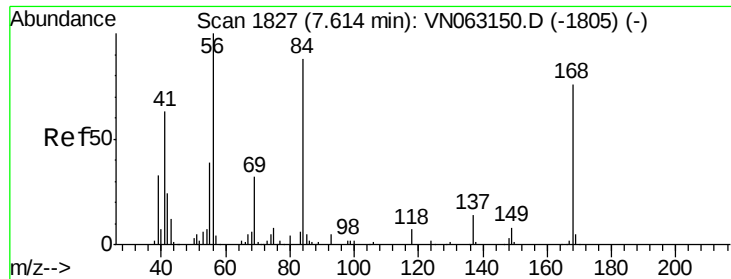
MMDadoda
9/10/2020 4:04:24 PM



#30
Chloroform
Concen: 19.451 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.0	76.6





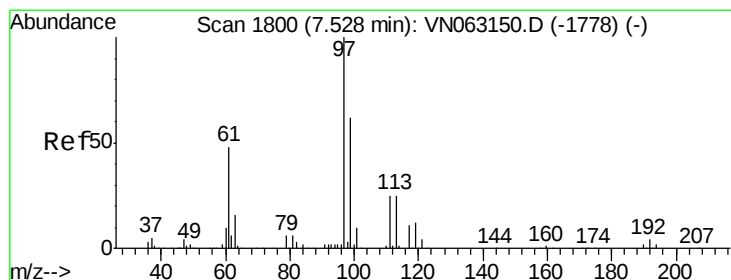
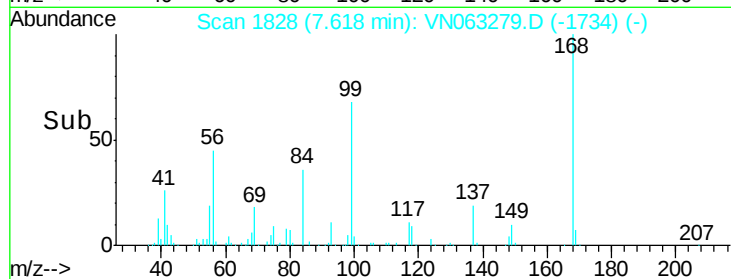
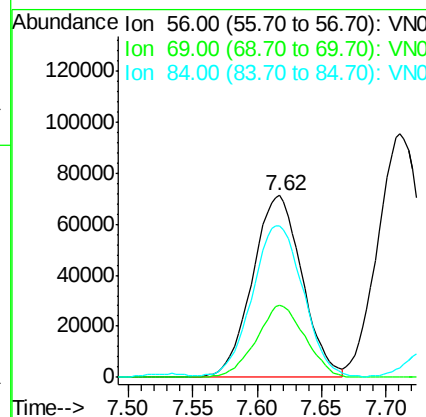
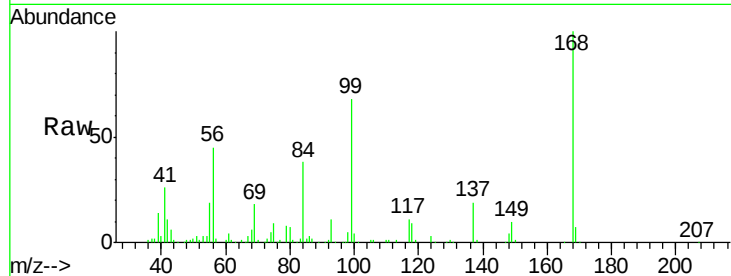
#31
Cyclohexane
Concen: 18.648 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
56	100	191217		
69	39.9	25.4	38.0#	
84	82.1	70.2	105.4	

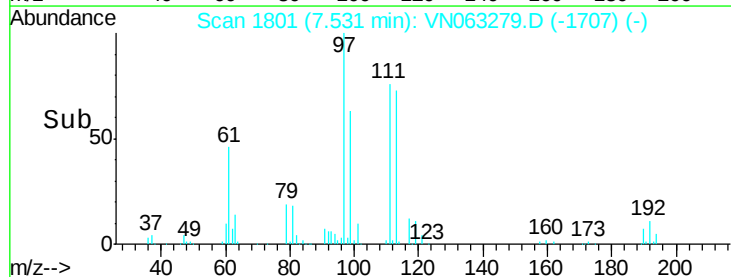
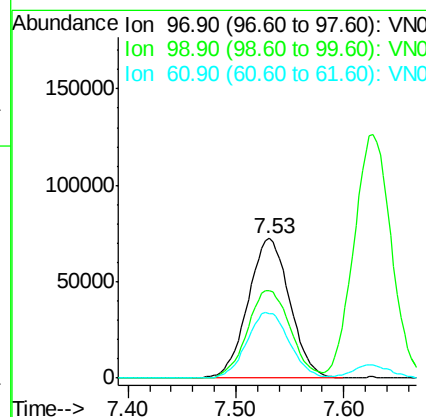
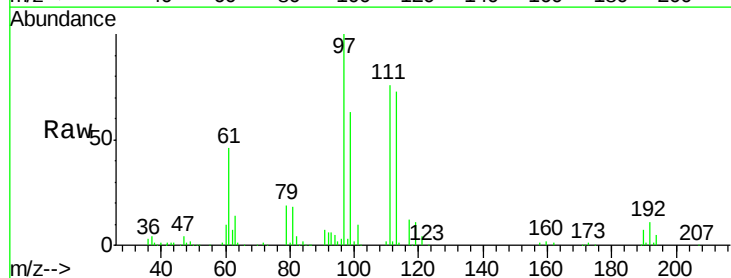
Manual Integrations
APPROVED

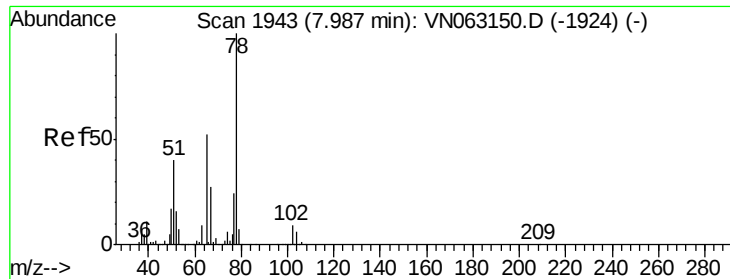
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.676 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	194912		
99	64.5	50.8	76.2	
61	47.9	37.4	56.2	





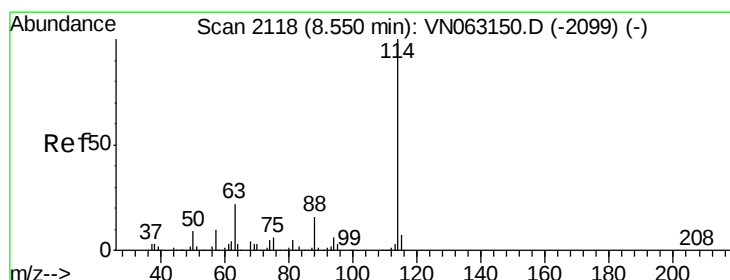
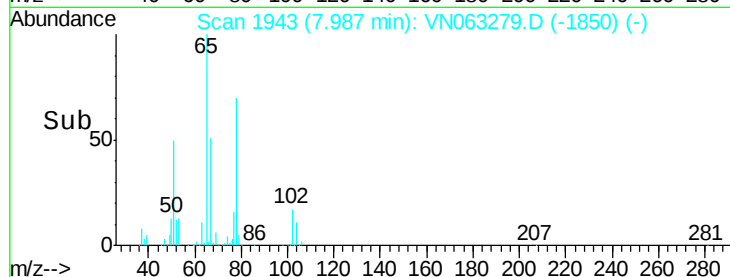
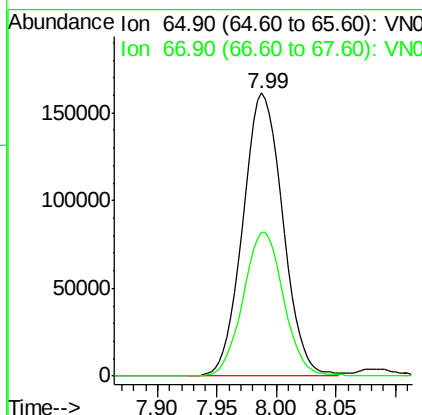
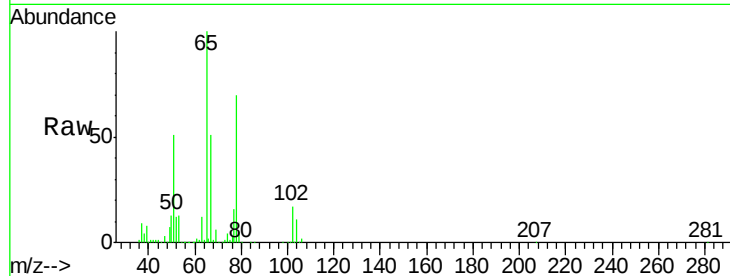
#33
 1,2-Dichloroethane-d4
 Concen: 50.508 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.2	0.0	104.4	

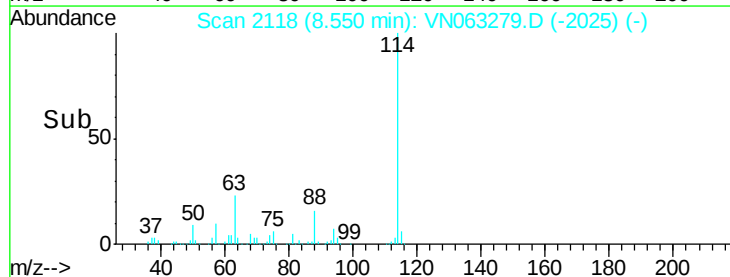
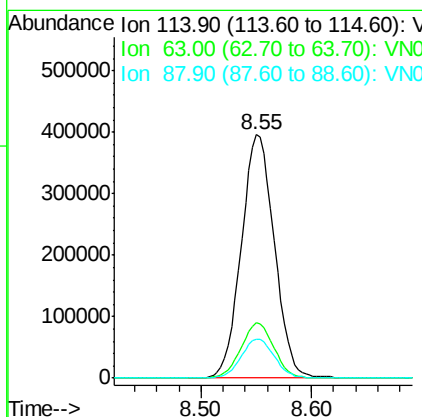
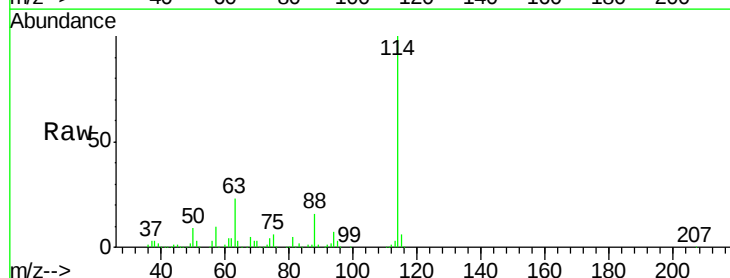
Manual Integrations
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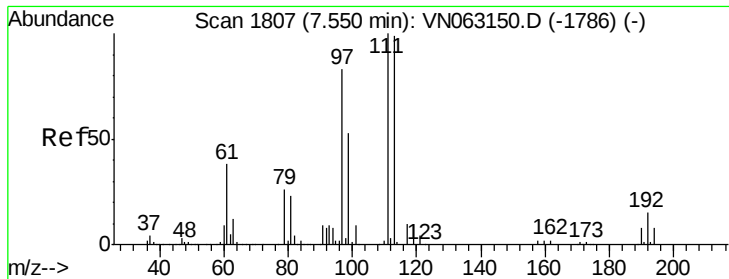
MMDadoda
 9/10/2020 4:04:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.5	0.0	43.0	
88	16.2	0.0	31.6	





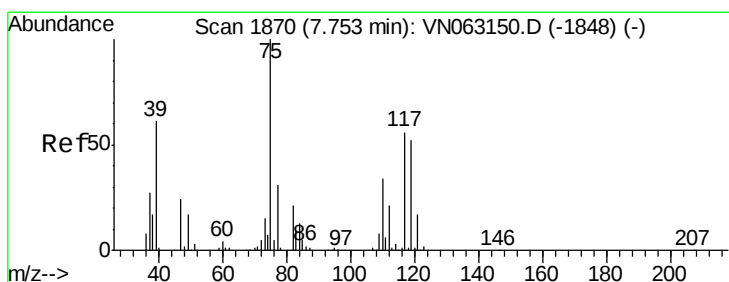
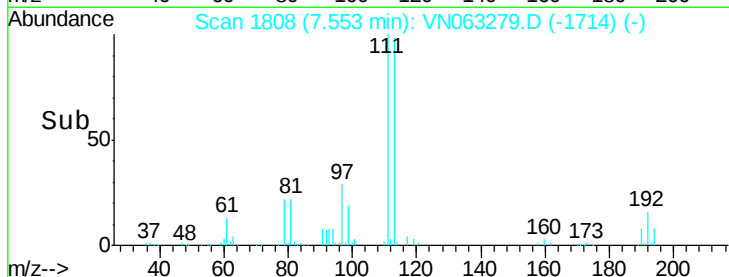
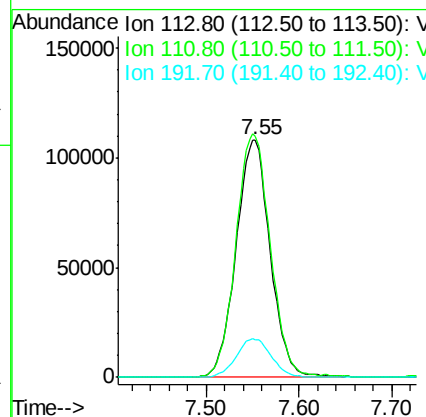
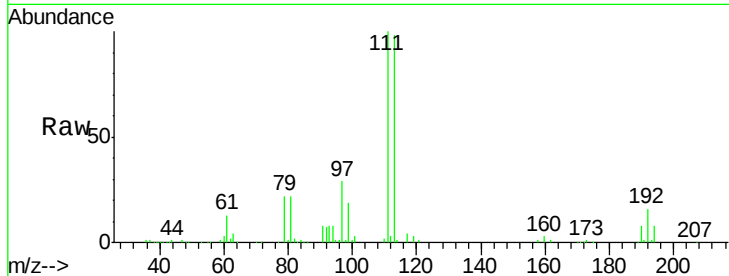
#35
Dibromofluoromethane
Concen: 52.171 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	275510		
111	103.3	80.7	121.1	
192	16.7	12.6	19.0	

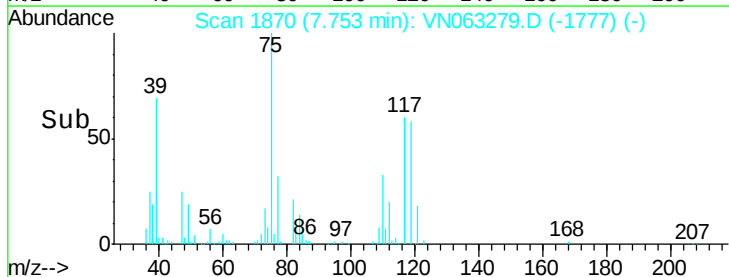
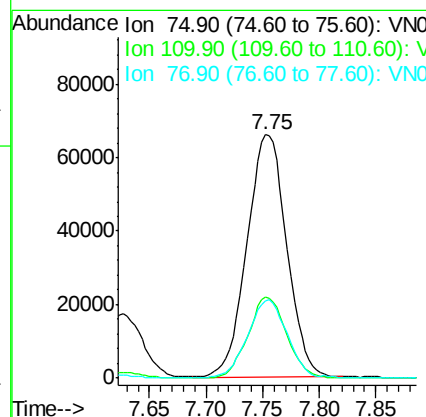
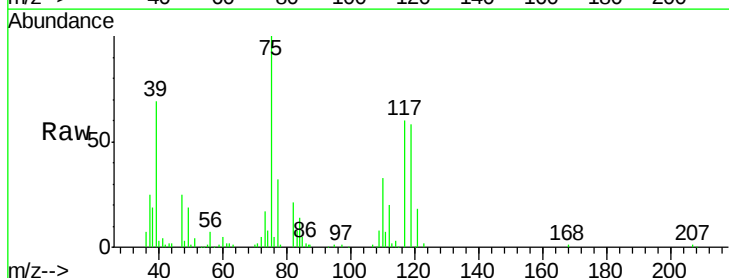
Manual Integrations
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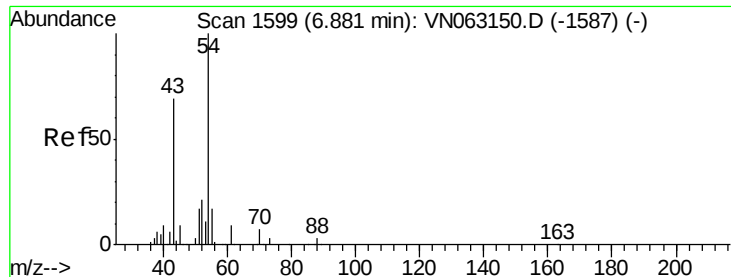
MMDadoda
9/10/2020 4:04:24 PM



#36
1,1-Dichloropropene
Concen: 20.384 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	161302		
110	32.6	16.6	49.8	
77	32.2	25.4	38.2	





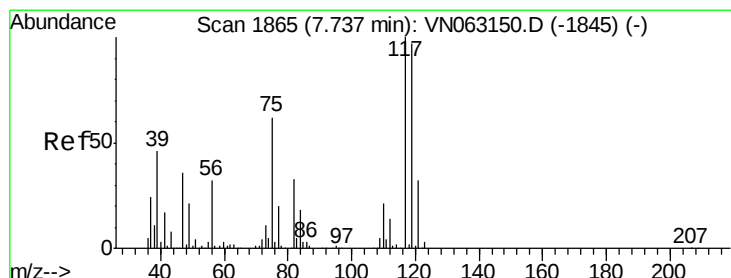
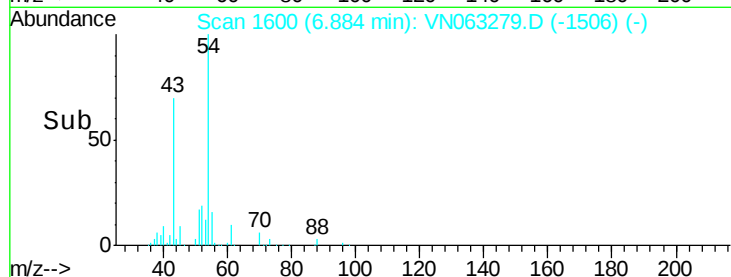
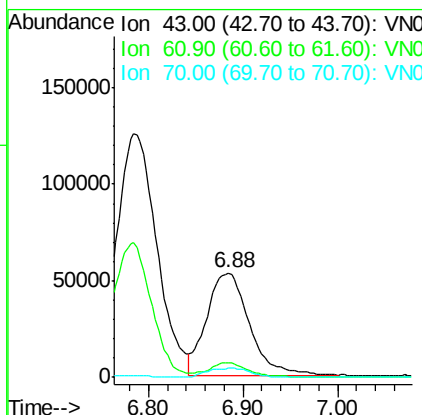
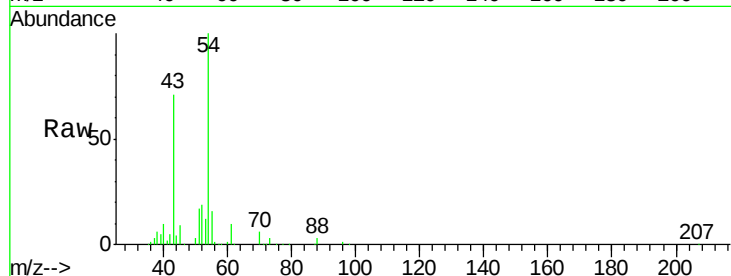
#37
Ethyl Acetate
Concen: 22.499 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.2	15.4
70	8.5	3.0	4.6

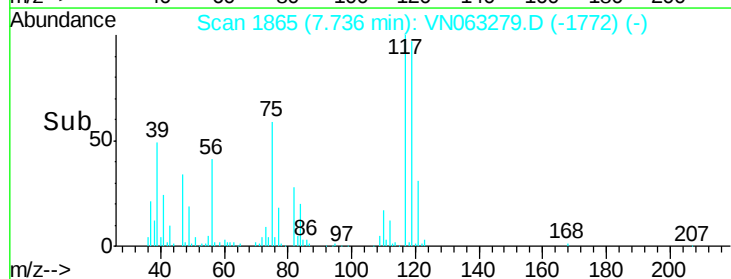
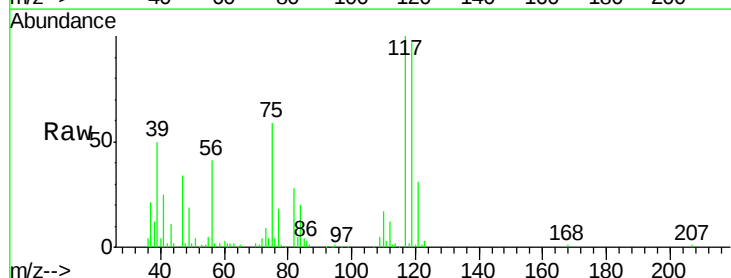
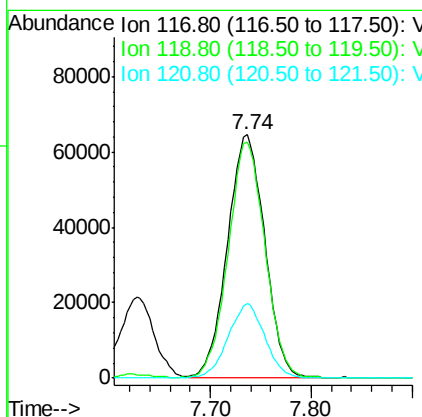
Manual Integrations
APPROVED

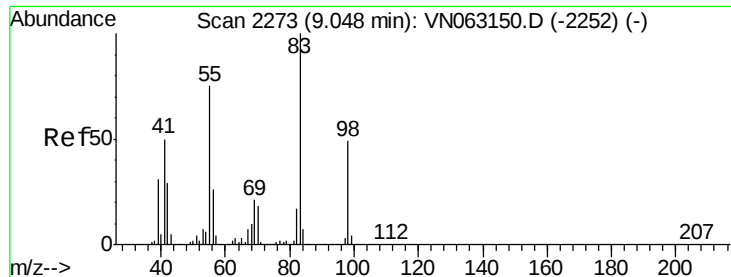
MMDadoda
9/10/2020 4:04:24 PM



#38
Carbon Tetrachloride
Concen: 20.722 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	30.8	25.6	38.4





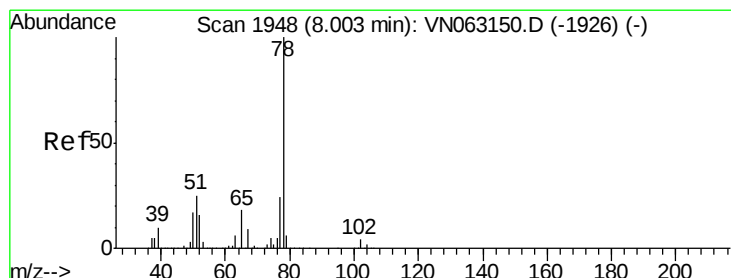
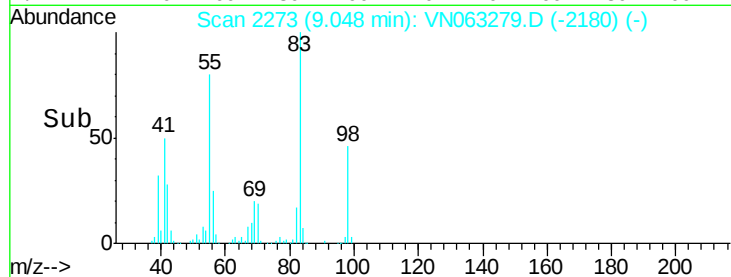
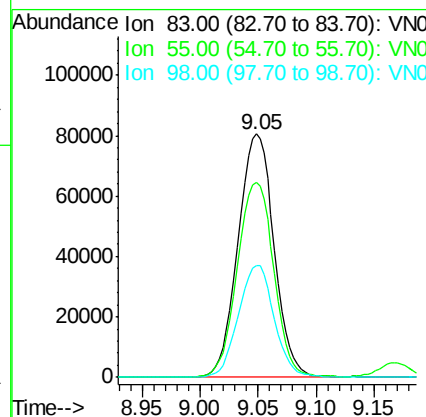
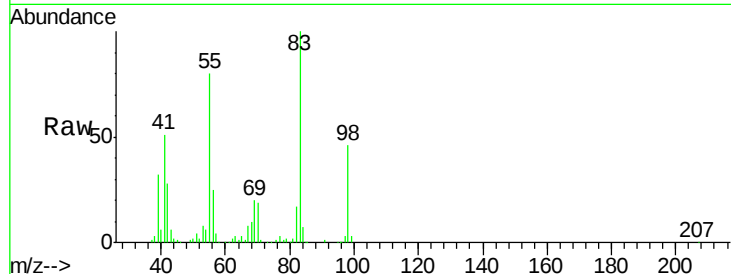
#39
Methvlcvclohexane
Concen: 19.536 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	60.3	90.5
98	46.0	38.9	58.3

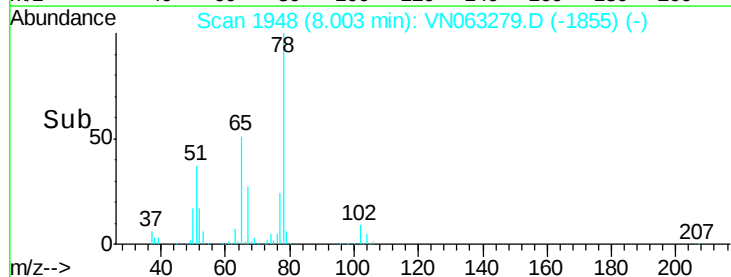
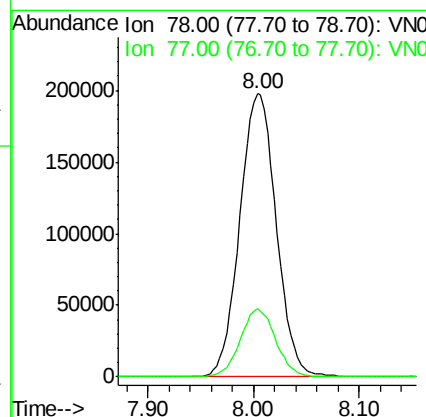
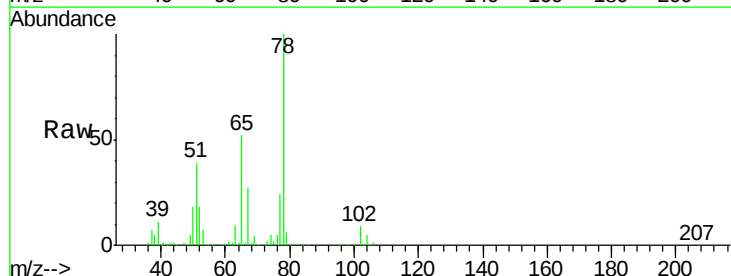
Manual Integrations
APPROVED

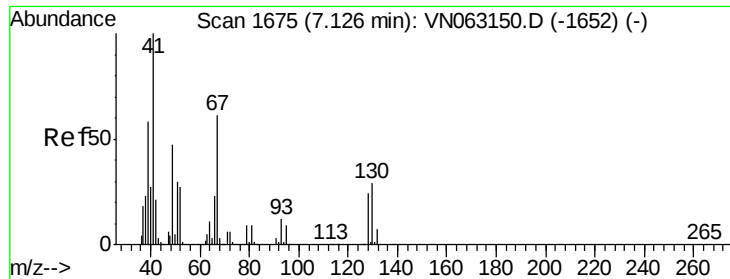
MMDadoda
9/10/2020 4:04:24 PM



#40
Benzene
Concen: 20.421 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





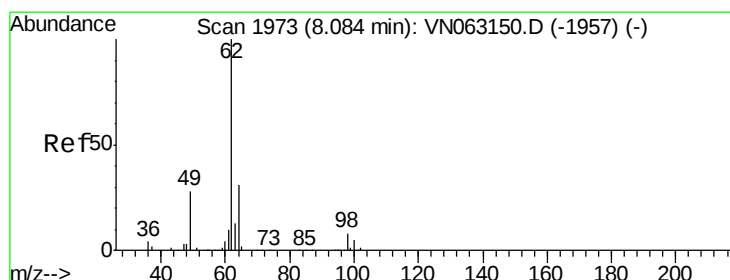
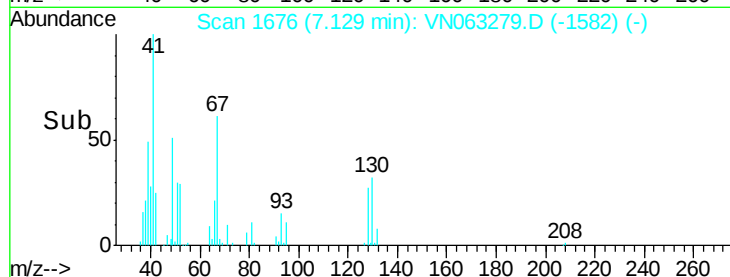
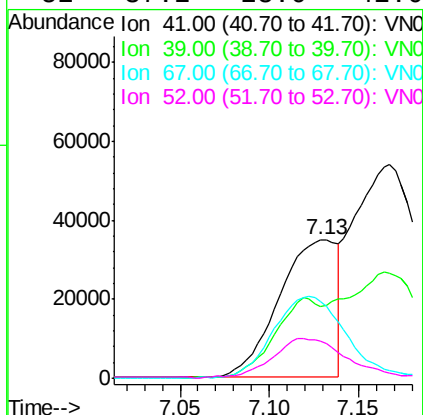
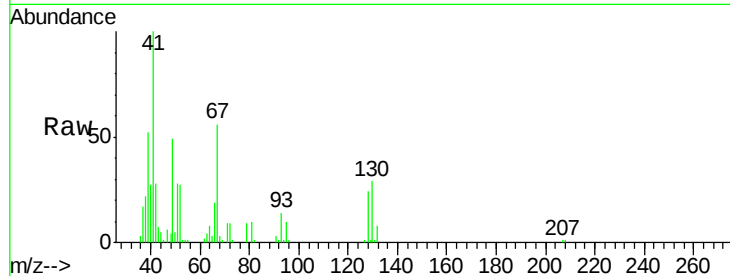
#41
Methacrylonitrile
Concen: 23.697 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	41	Resp	78997
Ion	Ratio	Lower	Upper
41	100		
39	45.7	46.6	70.0#
67	75.4	62.6	94.0
52	37.2	28.0	42.0

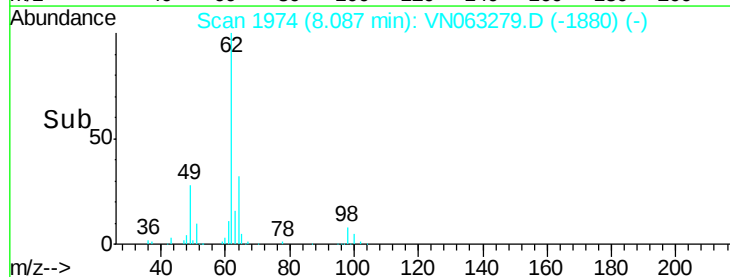
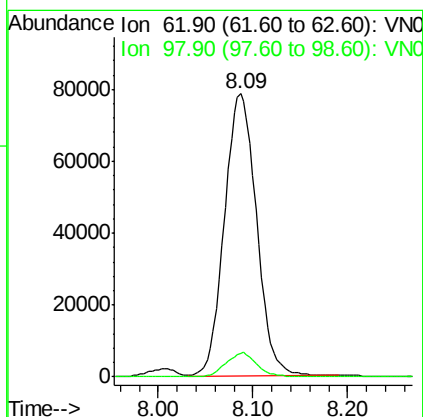
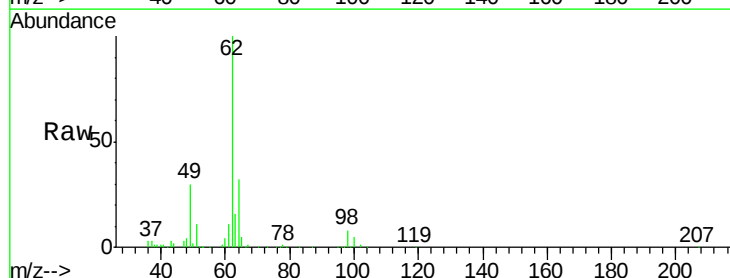
Manual Integrations
APPROVED

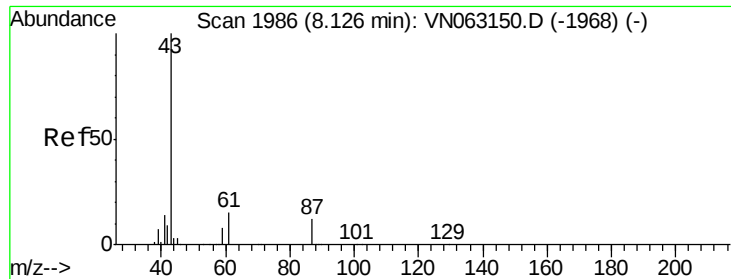
MMDadoda
9/10/2020 4:04:24 PM



#42
1,2-Dichloroethane
Concen: 21.364 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	62	Resp	185576
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2





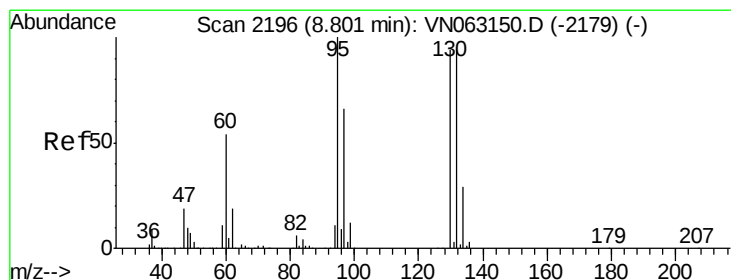
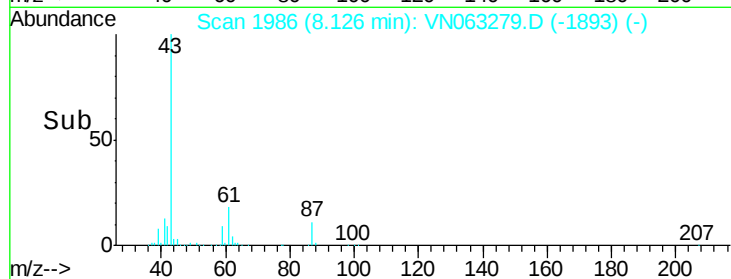
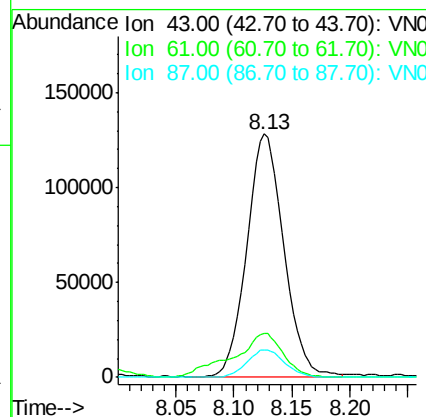
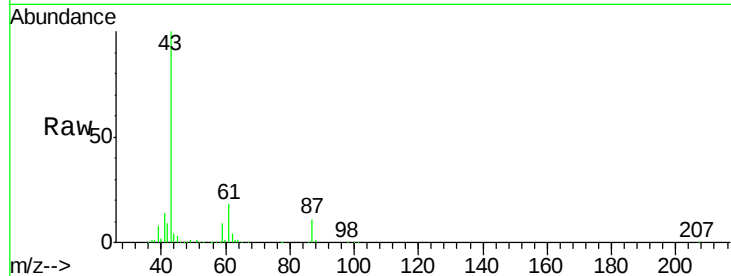
#43
Isopropyl Acetate
Concen: 21.904 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.3	20.2	30.4
87	11.7	9.8	14.6

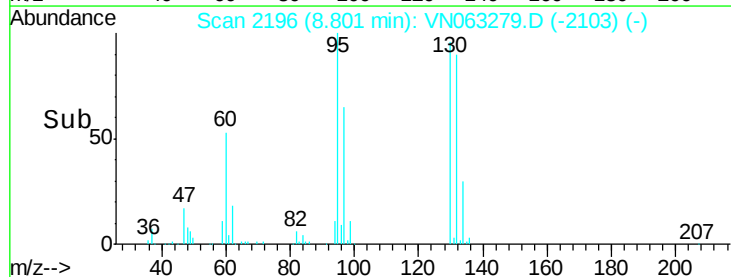
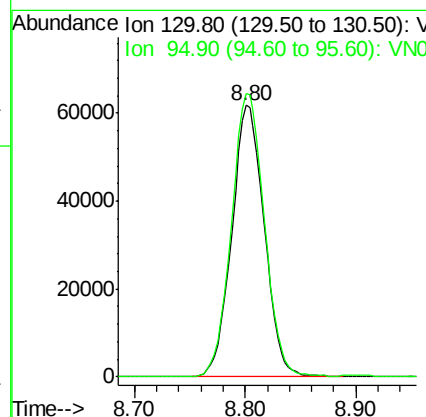
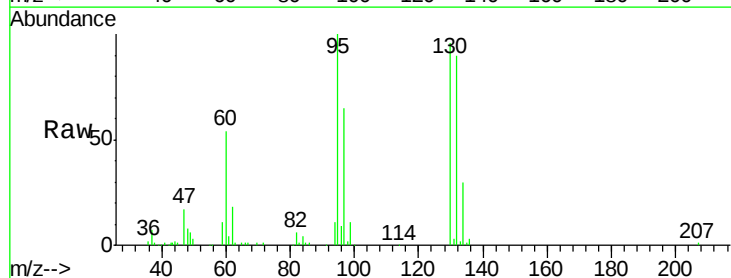
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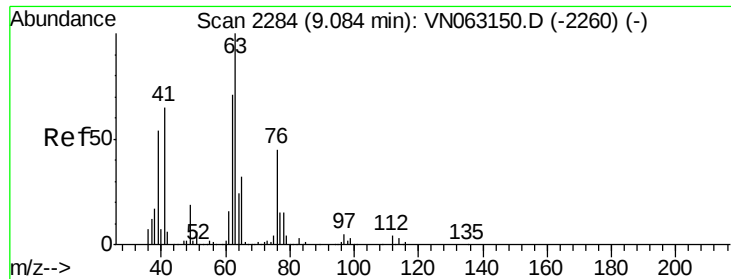
MMDadoda
9/10/2020 4:04:24 PM



#44
Trichloroethene
Concen: 22.368 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	212.0





#45

1,2-Dichloropropane

Concen: 21.295 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tot Ion: 63 Resp: 131114

Ion Ratio Lower Upper

63 100

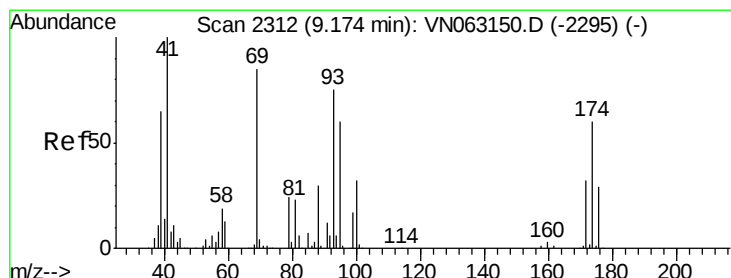
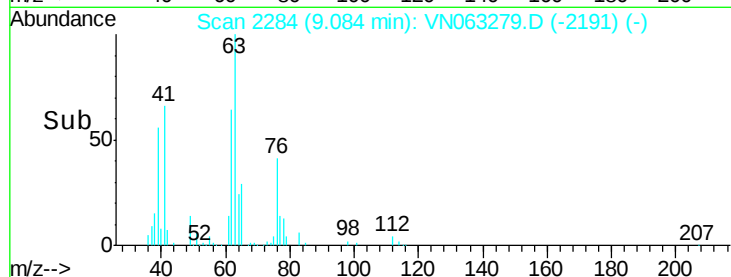
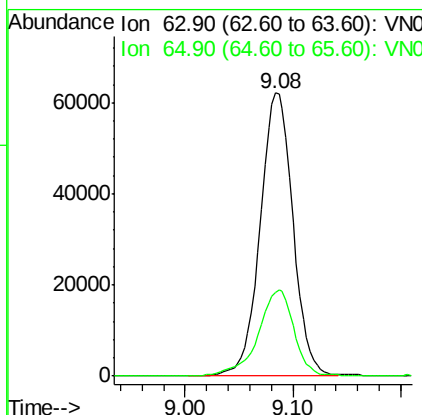
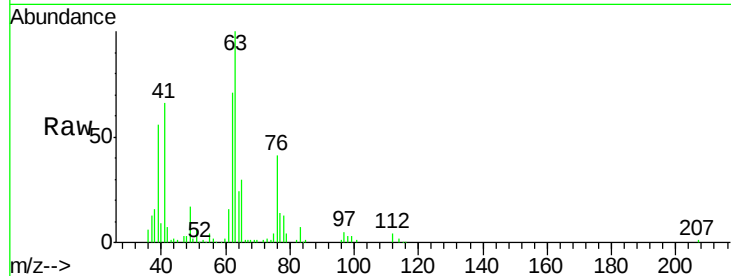
65 29.6 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

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#46

Dibromomethane

Concen: 21.152 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

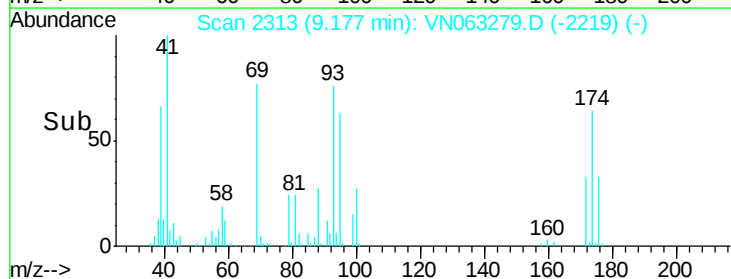
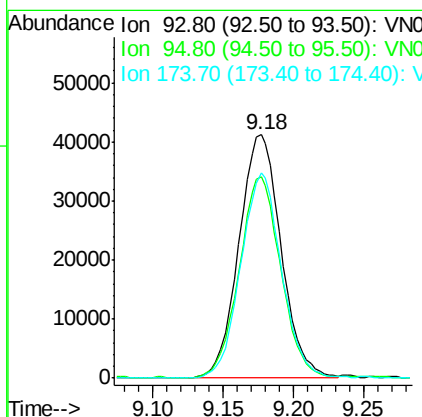
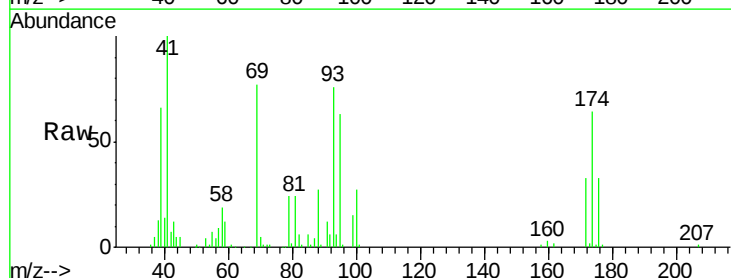
Tgt Ion: 93 Resp: 86302

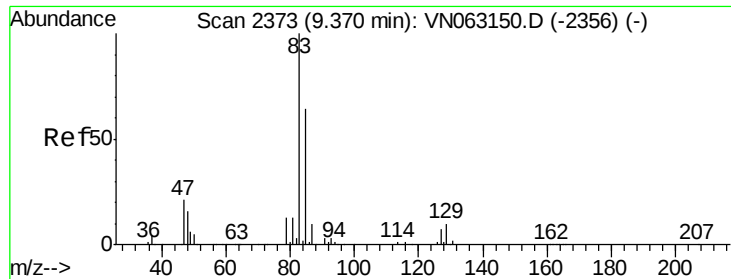
Ion Ratio Lower Upper

93 100

95 82.3 65.2 97.8

174 81.5 64.6 97.0





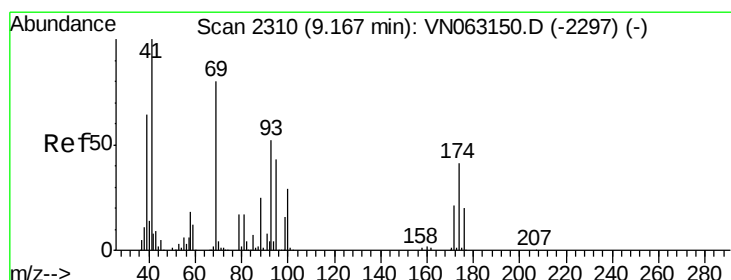
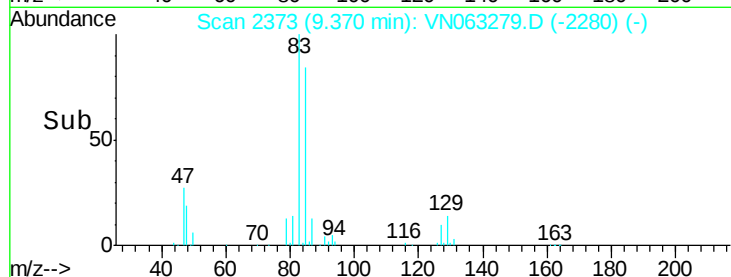
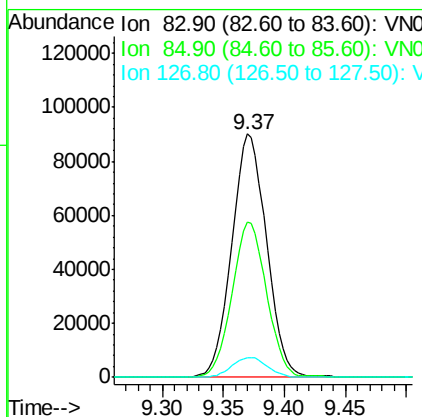
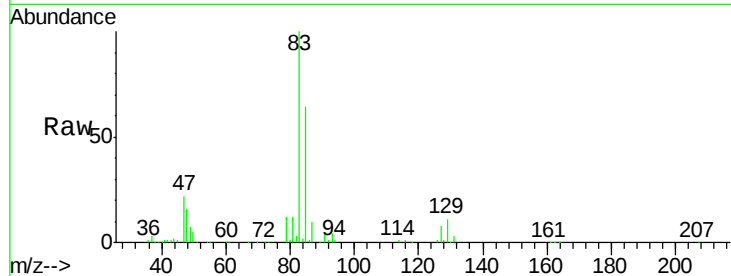
#47
Bromodichloromethane
Concen: 20.429 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	83	Resp	178667
Ion Ratio	100		
85	63.7	51.0	76.6
127	7.8	5.7	8.5

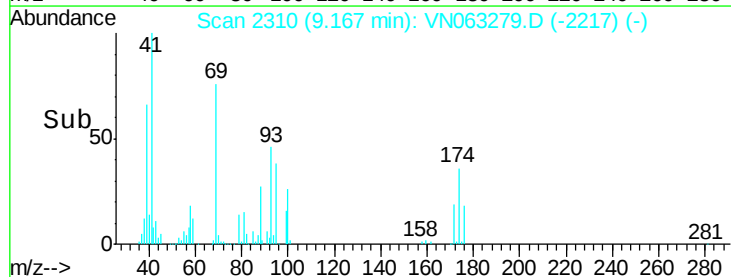
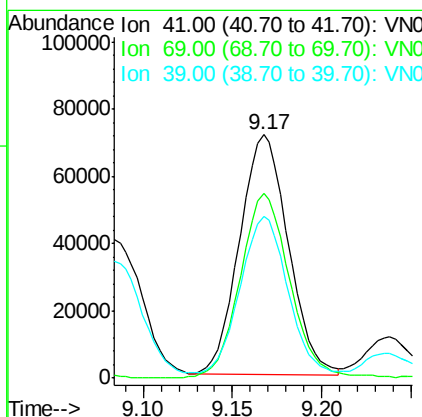
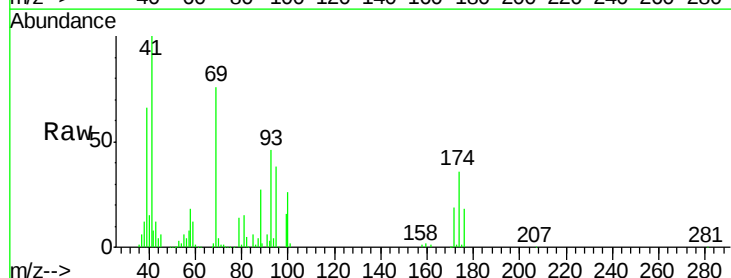
Manual Integrations
APPROVED

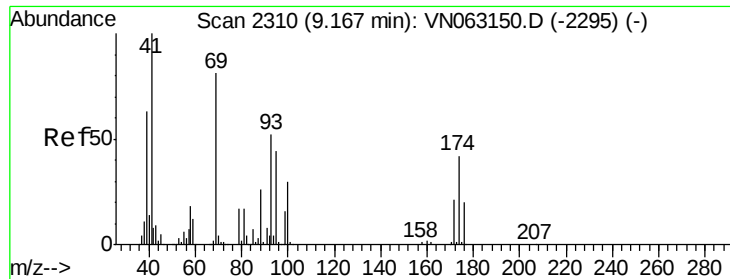
MMDadoda
9/10/2020 4:04:24 PM



#48
Methyl methacrylate
Concen: 23.375 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	41	Resp	135988
Ion Ratio	100		
69	78.9	65.9	98.9
39	66.3	52.0	78.0





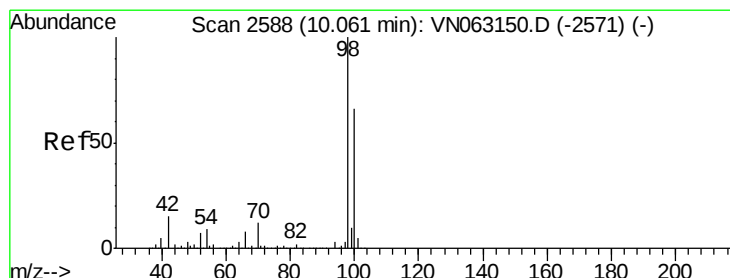
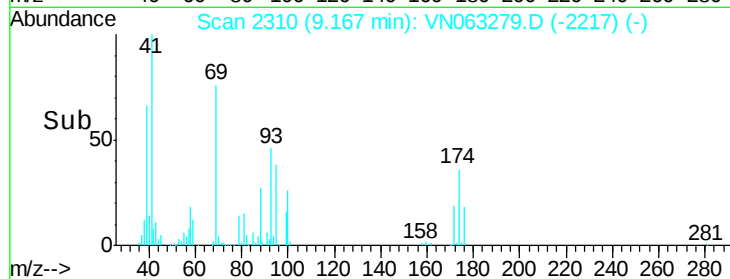
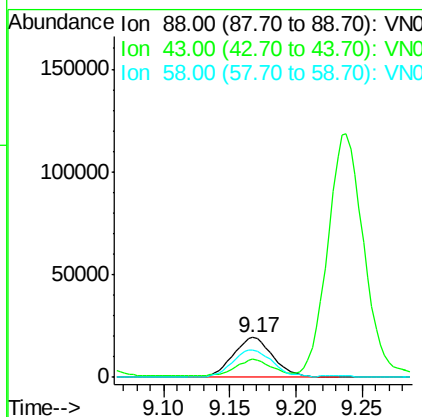
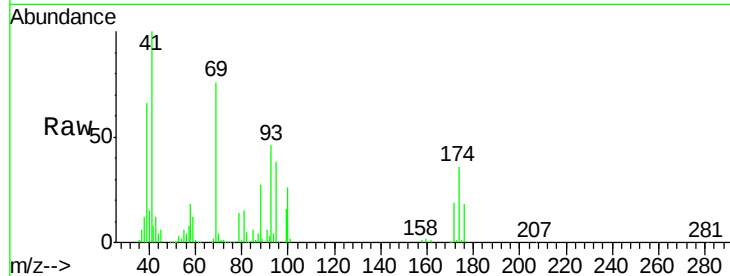
#49
1,4-Dioxane
Concen: 450.348 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	88	Resp	40524
Ion	Ratio	Lower	Upper
88	100		
43	38.3	28.6	42.8
58	70.0	53.2	79.8

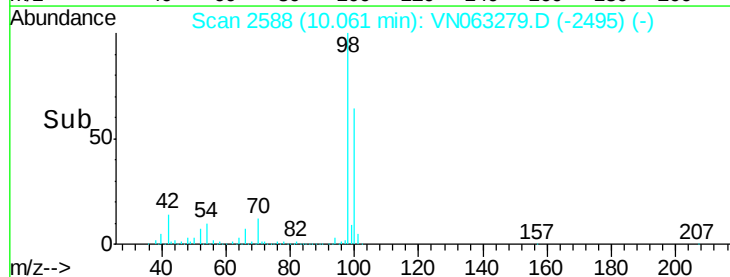
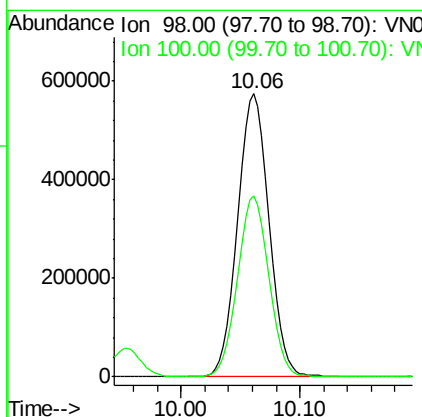
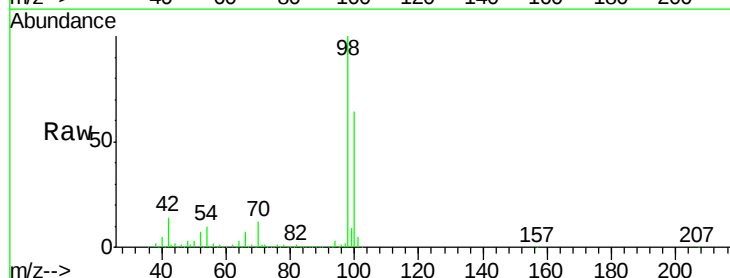
Manual Integrations
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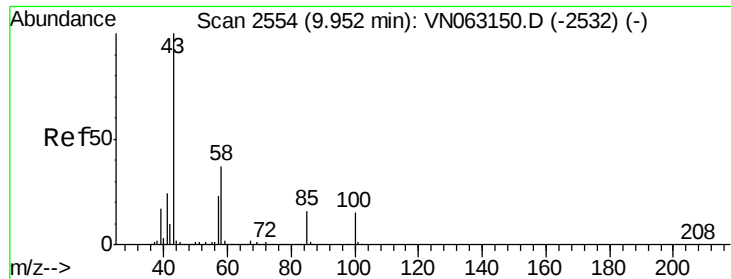
MMDadoda
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#50
Toluene-d8
Concen: 51.797 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	98	Resp	1052828
Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0





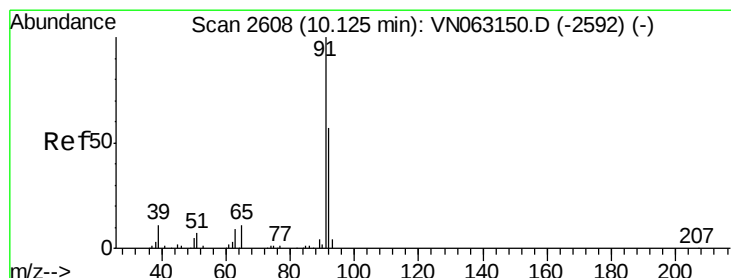
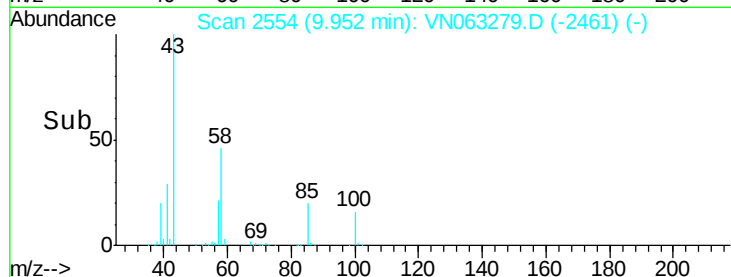
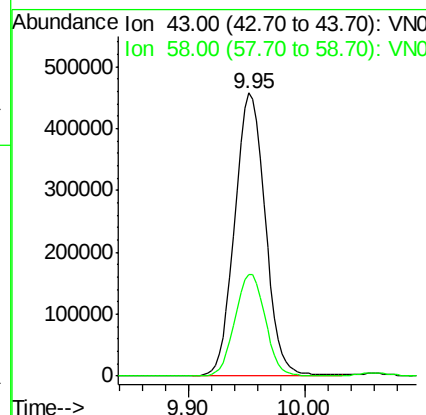
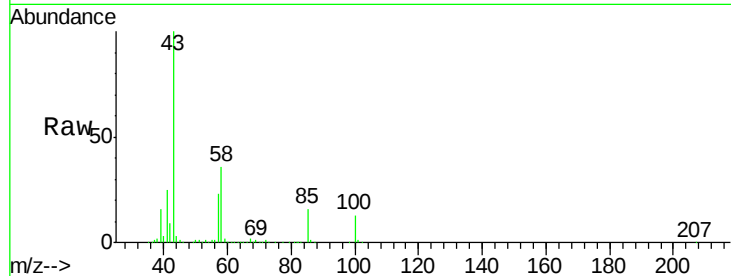
#51
4-Methyl-2-Pentanone
Concen: 118.303 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	43	Resp	829645
Ion Ratio	100	Lower	Upper
43	100		
58	35.8	29.2	43.8

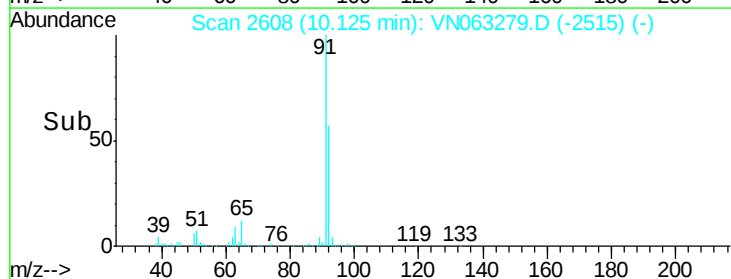
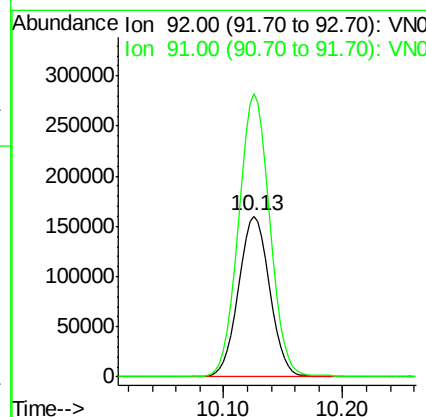
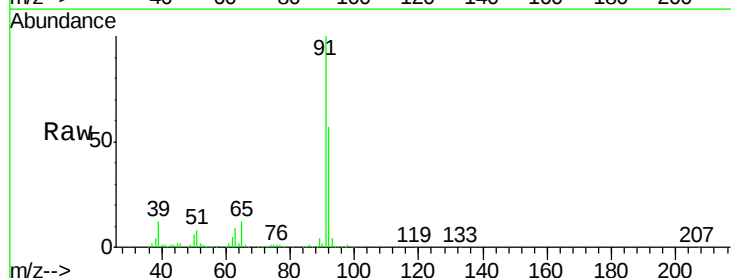
Manual Integrations
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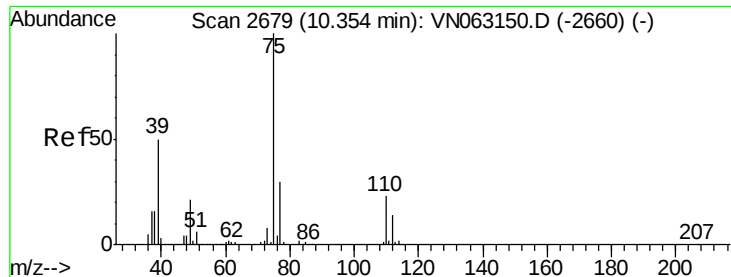
MMDadoda
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#52
Toluene
Concen: 20.136 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	92	Resp	291683
Ion Ratio	100	Lower	Upper
92	100		
91	176.3	141.2	211.8





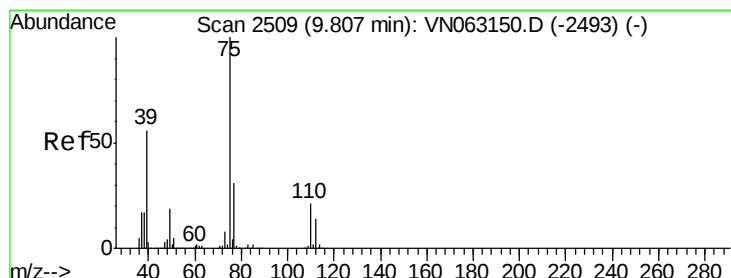
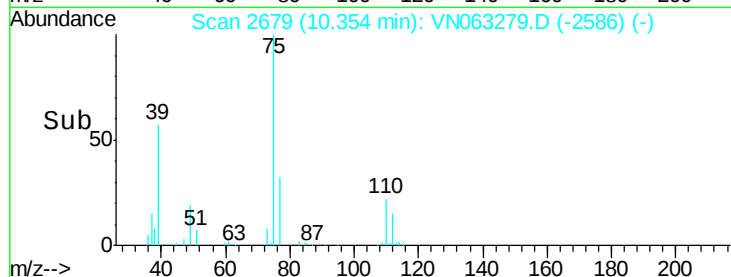
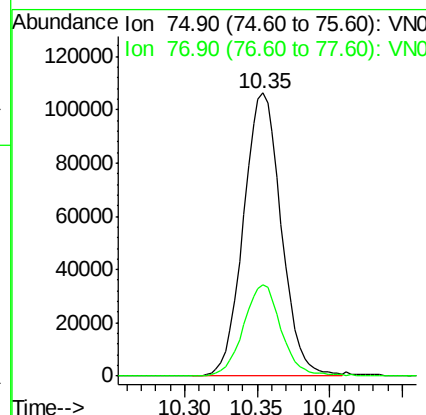
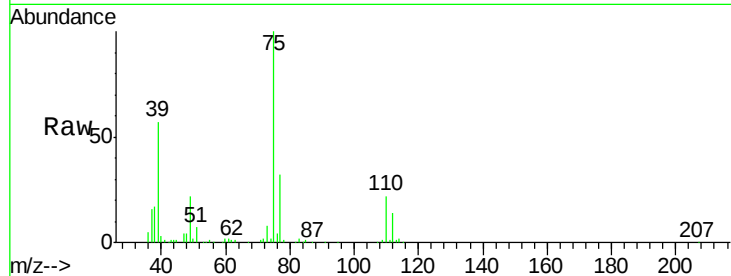
#53
t-1,3-Dichloropropene
Concen: 20.122 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.2	36.2

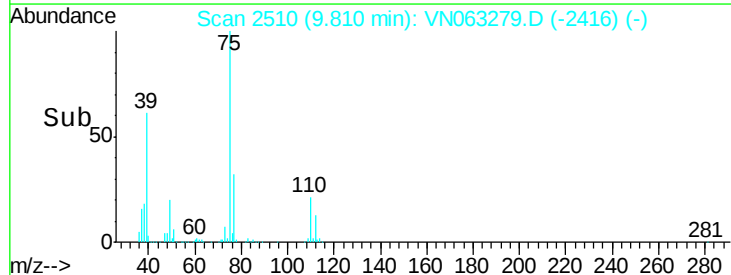
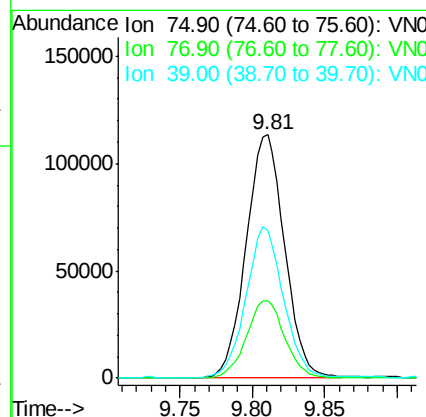
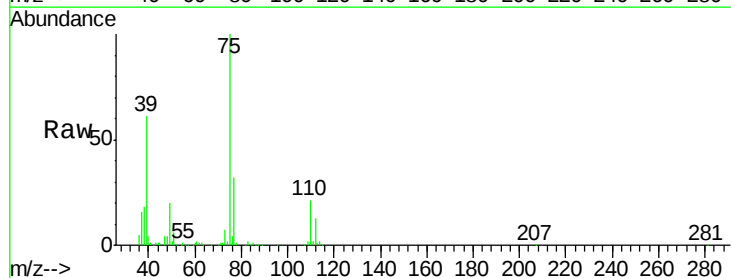
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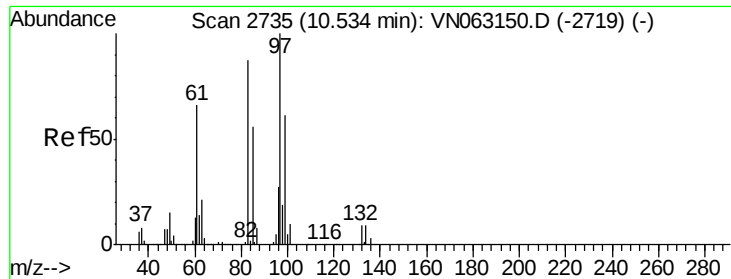
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9/10/2020 4:04:24 PM



#54
cis-1,3-Dichloropropene
Concen: 20.865 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	60.6	45.0	67.6





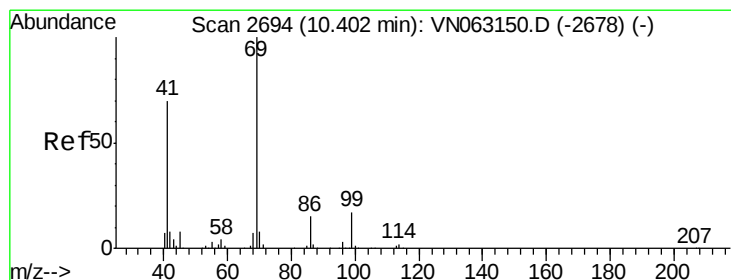
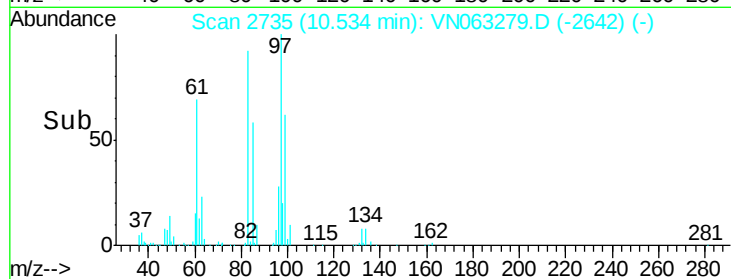
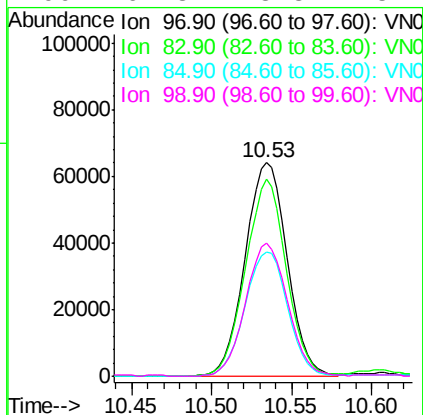
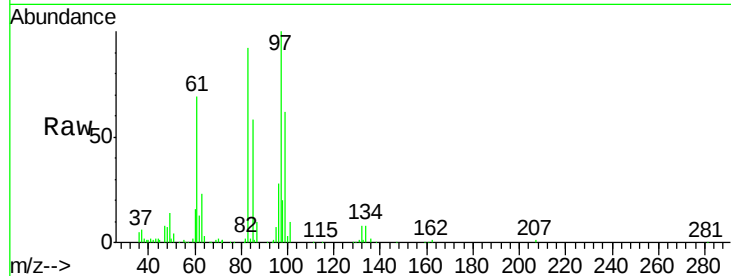
#55
 1,1,2-Trichloroethane
 Concen: 20.786 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion:	97	Resp:	115316
Ion	Ratio	Lower	Upper
97	100		
83	92.0	69.8	104.8
85	58.1	44.9	67.3
99	62.3	48.8	73.2

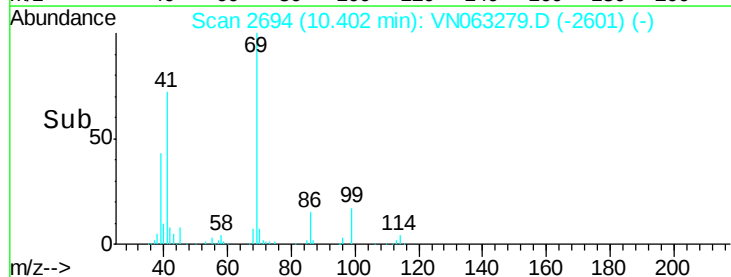
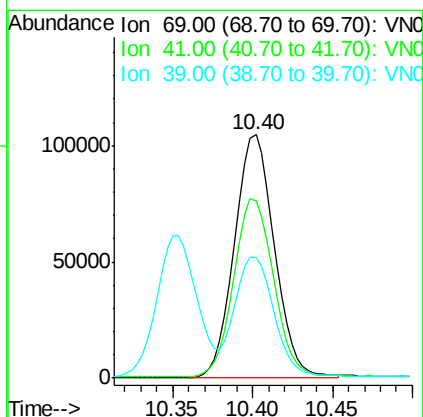
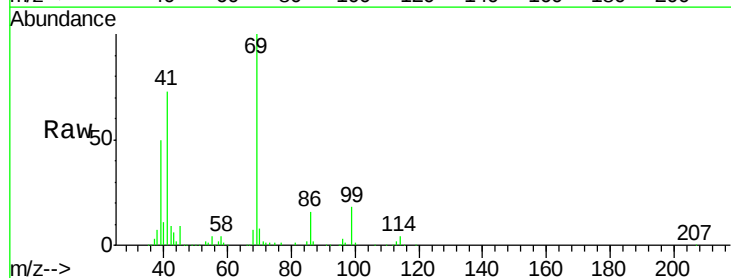
Manual Integrations
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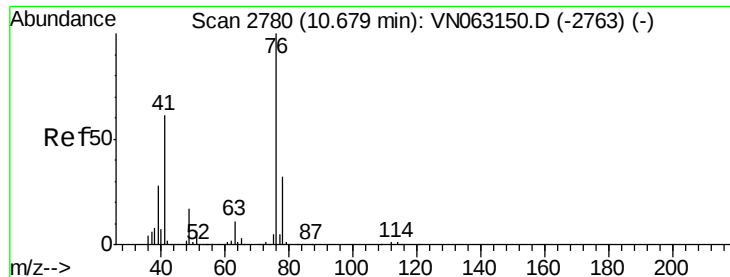
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#56
 Ethyl methacrylate
 Concen: 21.167 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion:	69	Resp:	178705
Ion	Ratio	Lower	Upper
69	100		
41	72.6	55.5	83.3
39	48.0	38.2	57.2





#57

1,3-Dichloropropane

Concen: 20.583 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tot Ion: 76 Resp: 203422

Ion Ratio Lower Upper

76 100

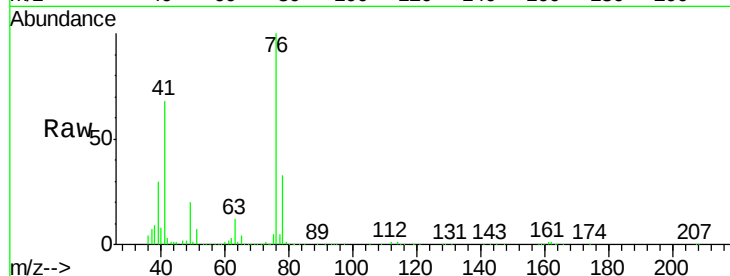
78 32.7 25.5 38.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

120000

100000

80000

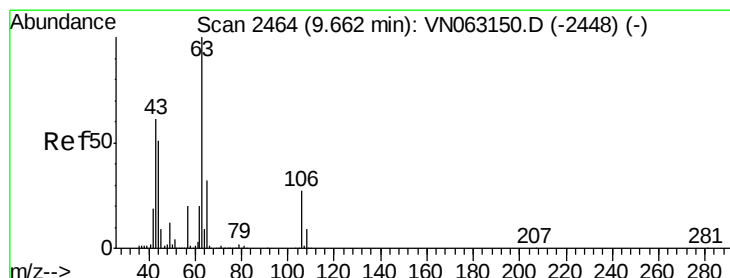
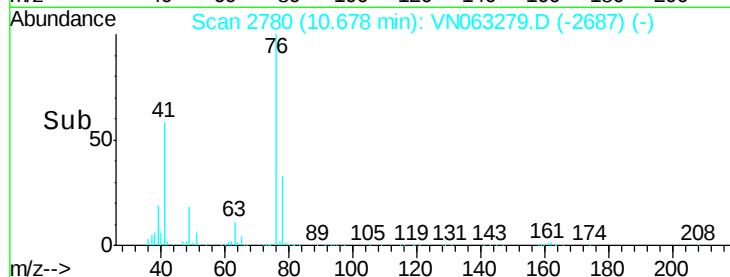
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.258 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN063279.D

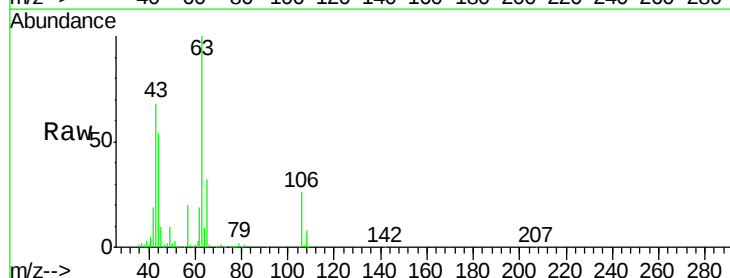
Acq: 9 Sep 2020 13:52

Tgt Ion: 63 Resp: 420833

Ion Ratio Lower Upper

63 100

106 26.0 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.67

250000

200000

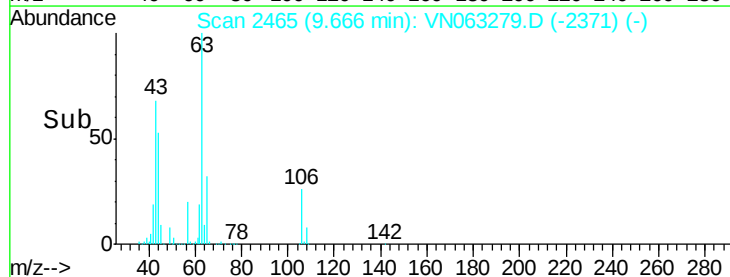
150000

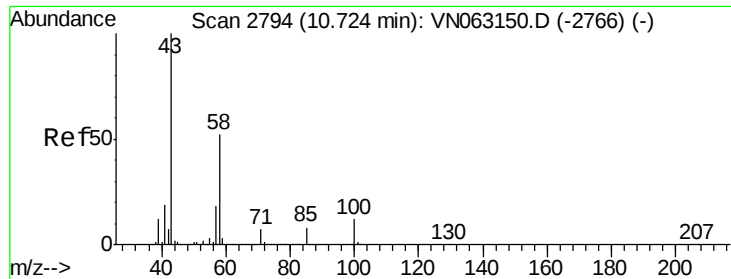
100000

50000

0

Time-->





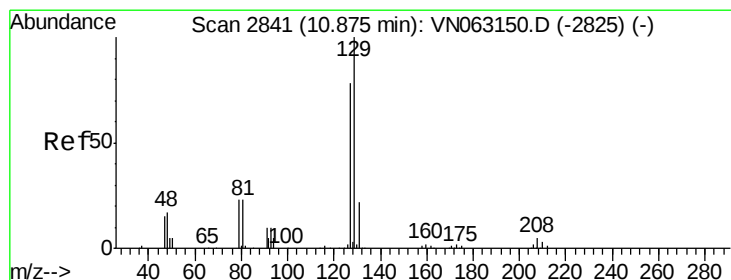
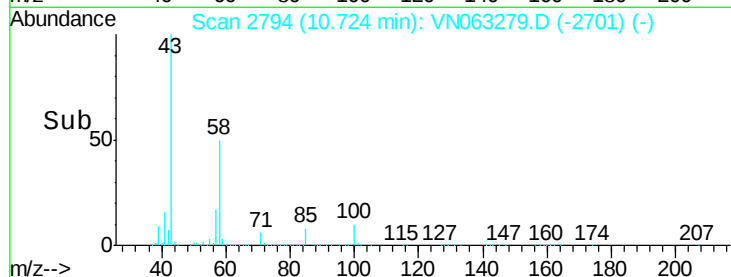
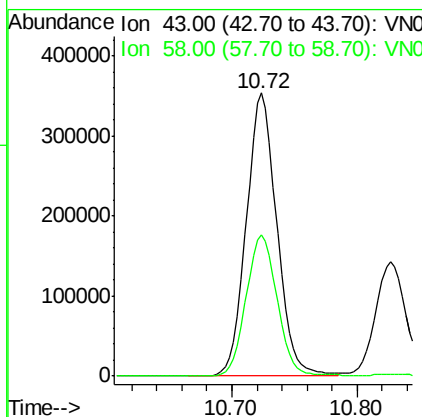
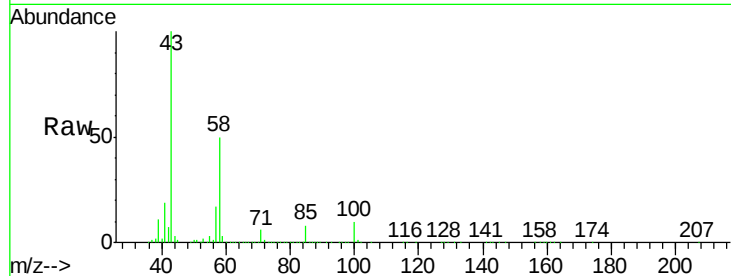
#59
2-Hexanone
Concen: 121.057 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion: 43 Resp: 596636
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8

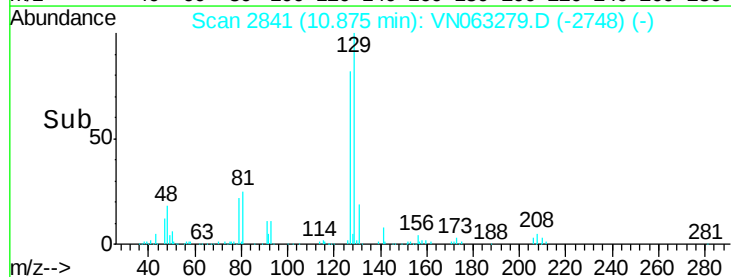
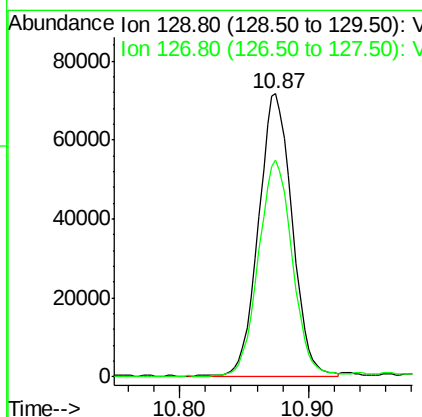
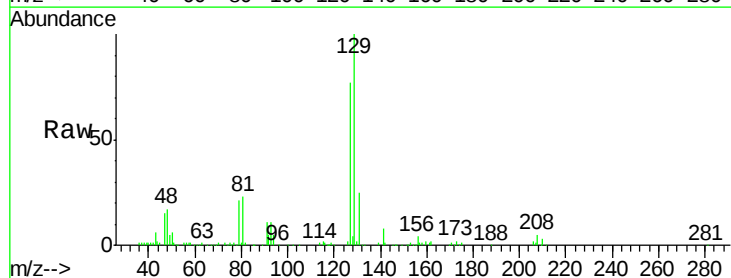
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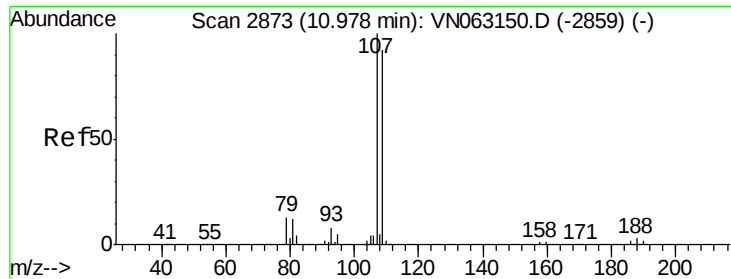
MMDadoda
9/10/2020 4:04:24 PM



#60
Dibromochloromethane
Concen: 21.133 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion: 129 Resp: 129617
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





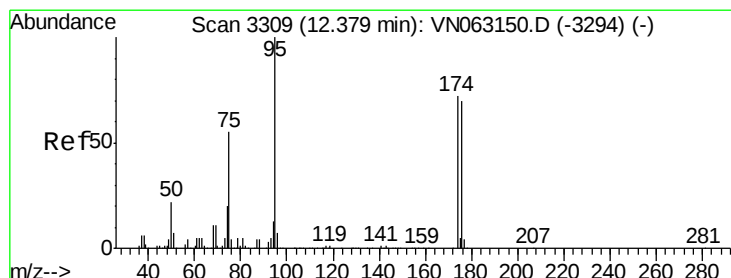
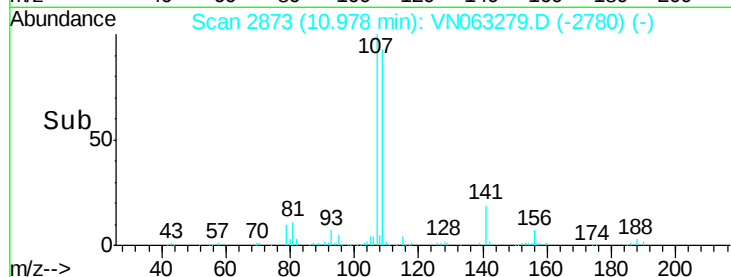
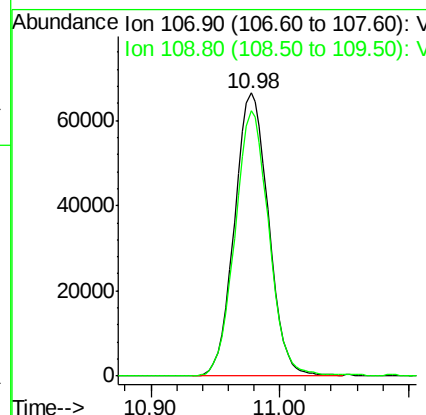
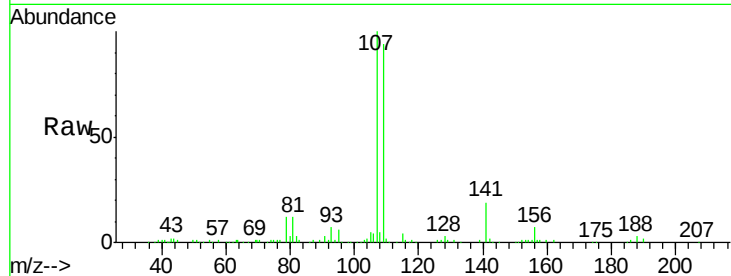
#61
 1,2-Dibromoethane
 Concen: 21.091 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	73.4	110.0

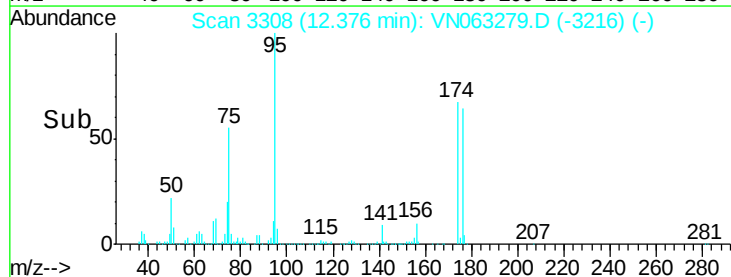
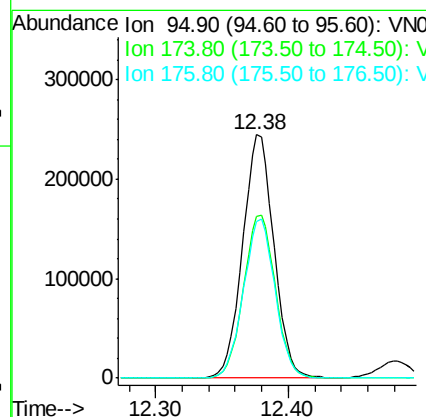
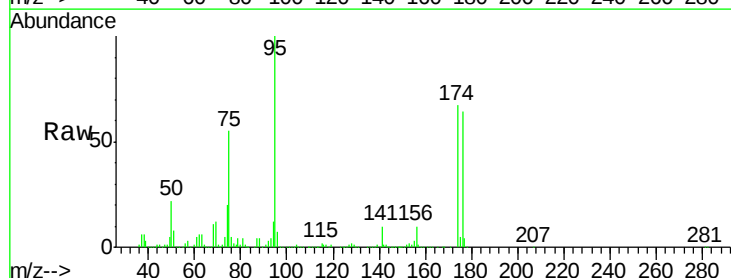
Manual Integrations
 APPROVED

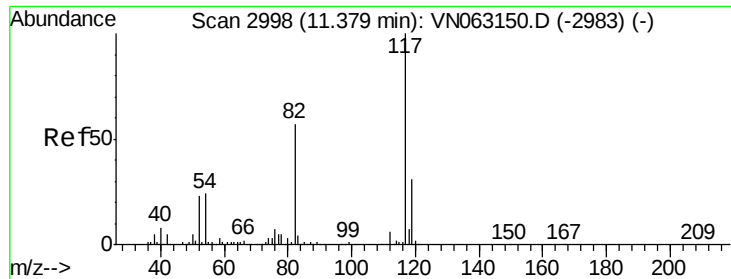
MMDadoda
 9/10/2020 4:04:24 PM



#62
 4-Bromofluorobenzene
 Concen: 56.176 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	143.8
176	66.5	0.0	138.4





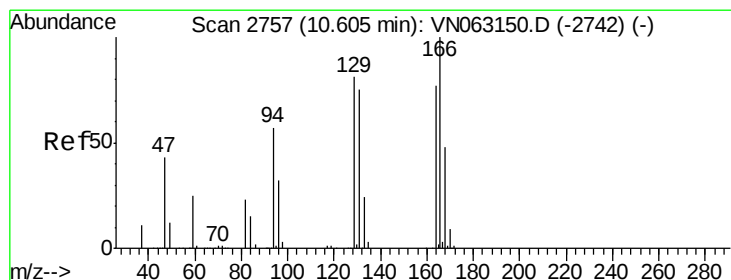
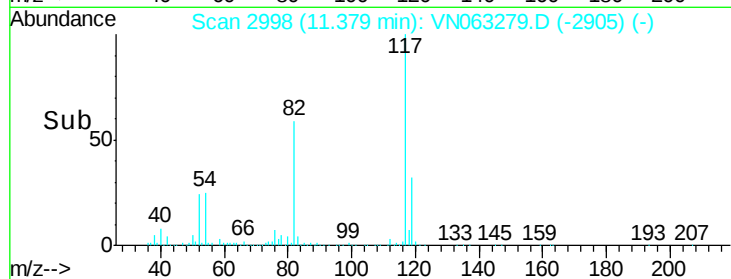
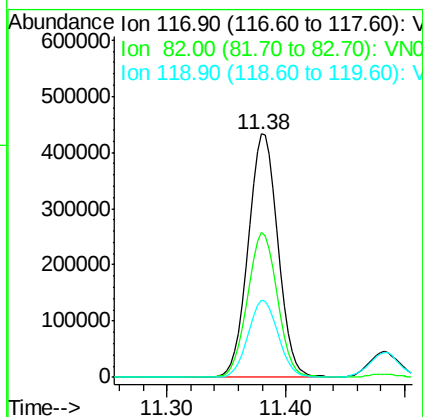
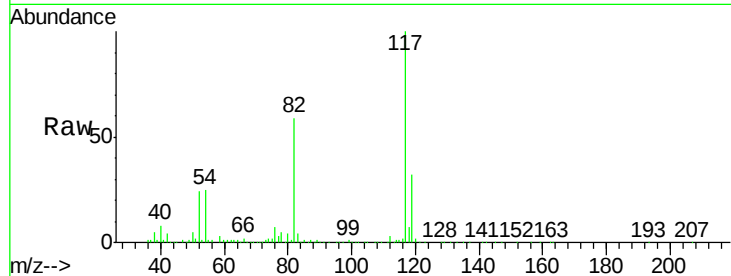
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	749968		
82	59.3		45.4	68.0
119	31.7		24.6	37.0

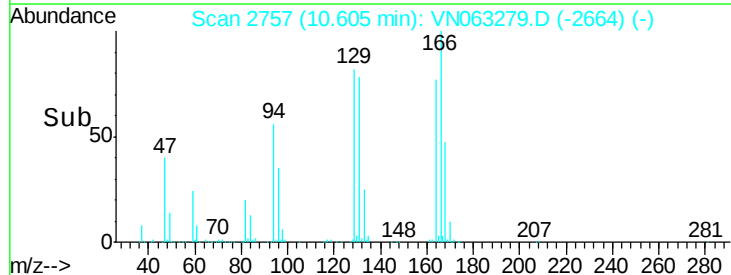
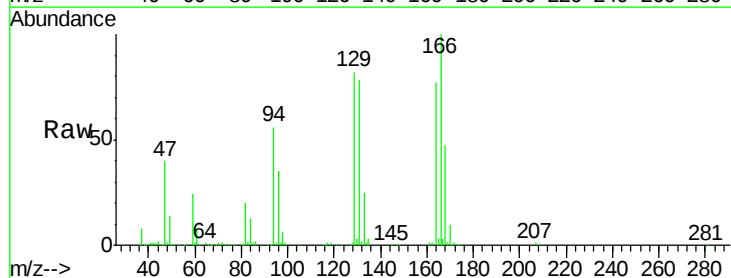
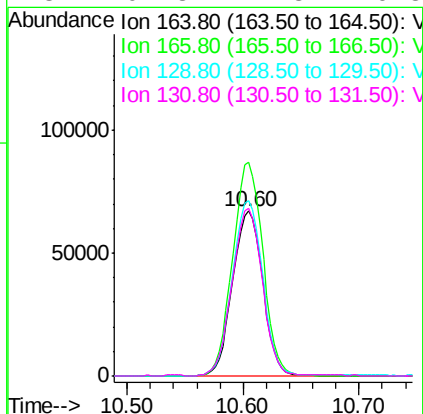
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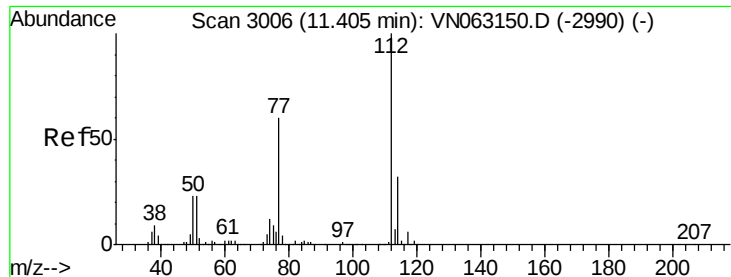
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#64
Tetrachloroethene
Concen: 22.548 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121432		
166	129.5		103.4	155.2
129	106.7		83.4	125.0
131	101.3		77.8	116.8





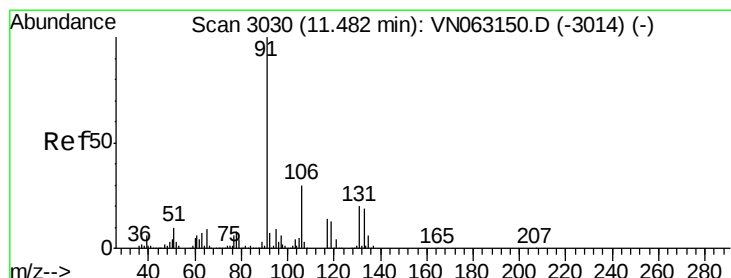
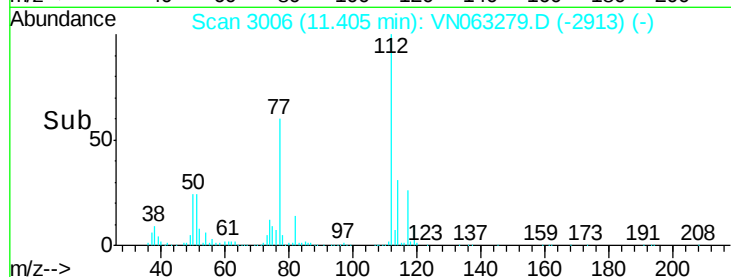
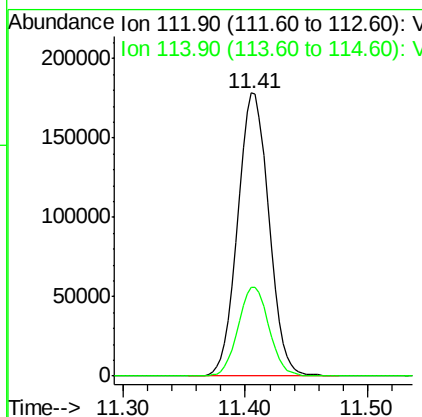
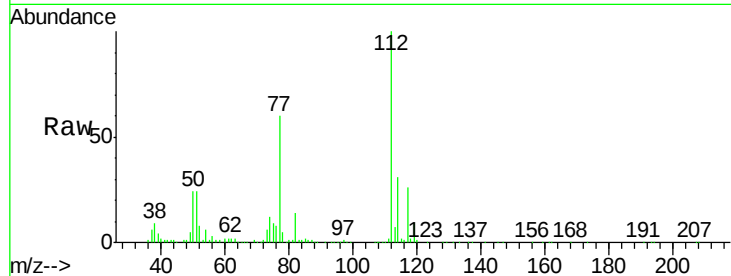
#65
Chlorobenzene
Concen: 20.879 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion:112 Resp: 315387
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8

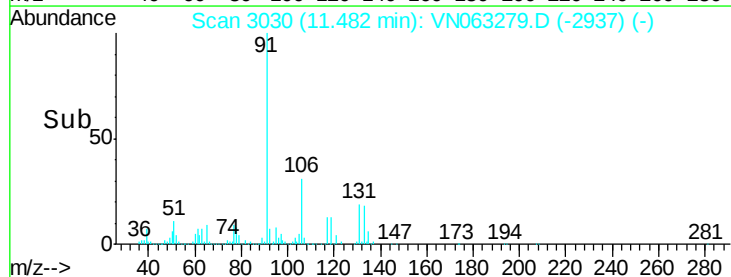
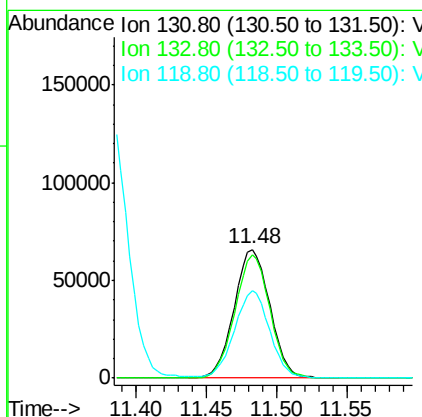
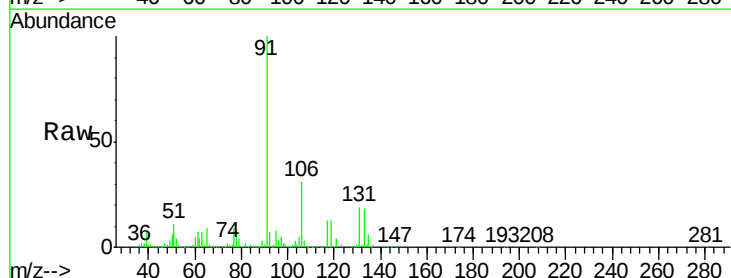
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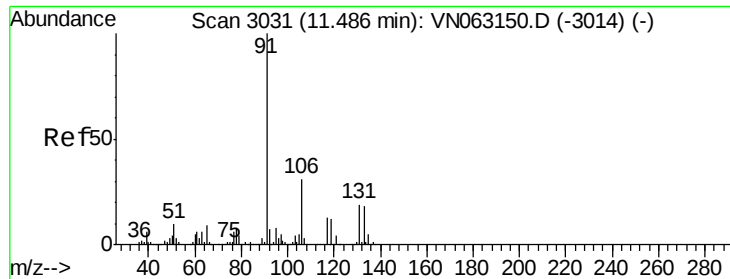
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.756 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion:131 Resp: 116405
Ion Ratio Lower Upper
131 100
133 94.1 47.3 142.0
119 66.7 32.4 97.0





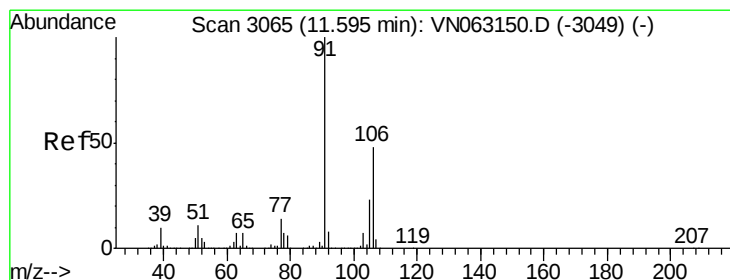
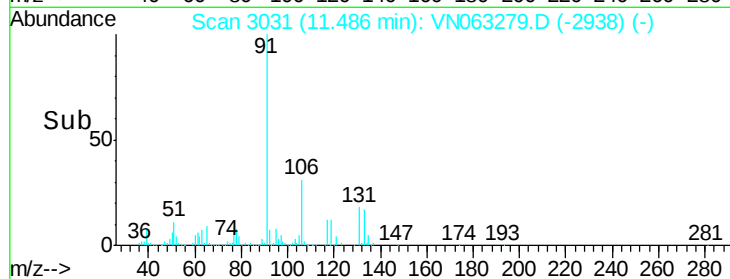
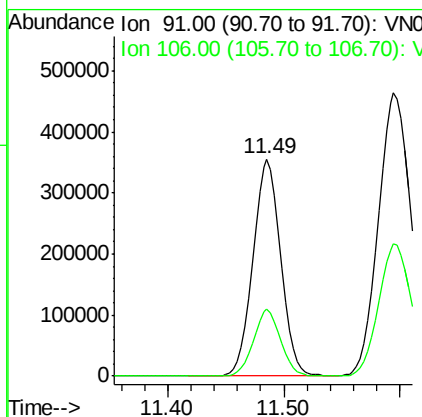
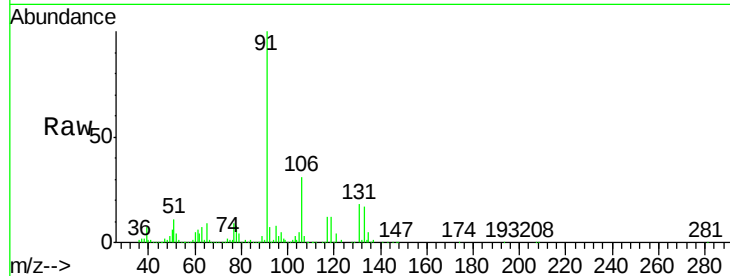
#67
Ethyl Benzene
Concen: 21.554 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.6	24.4	36.6	

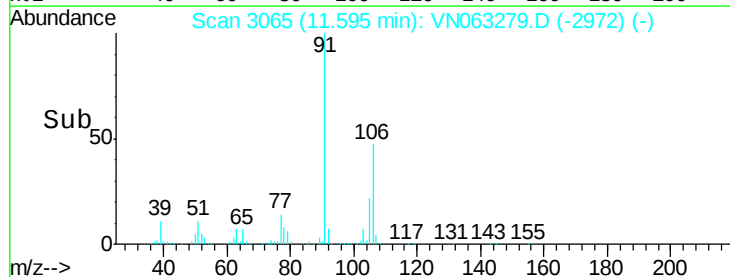
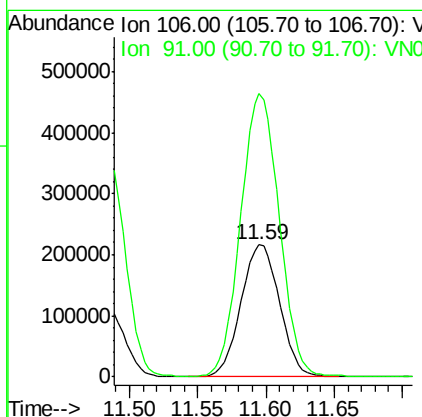
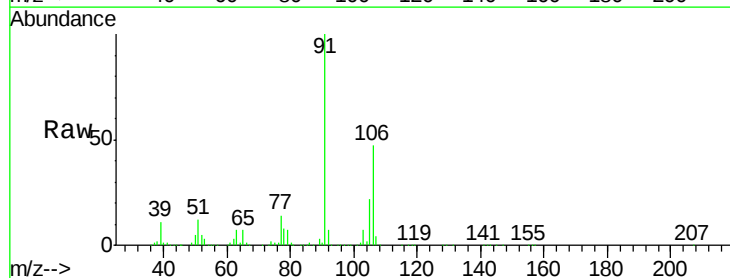
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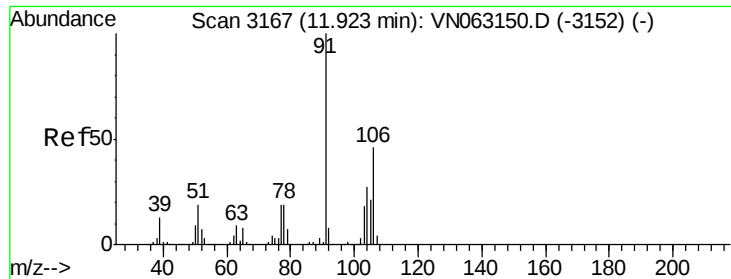
MMDadoda
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#68
m/p-Xylenes
Concen: 41.508 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.8	166.7	250.1	





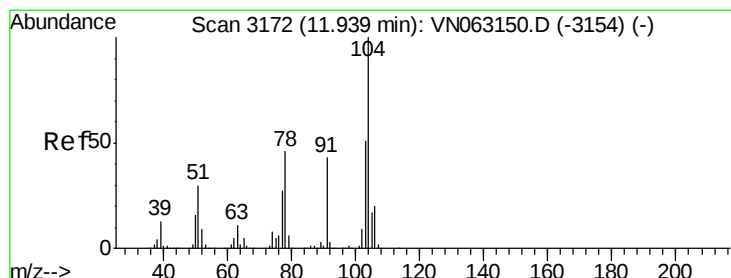
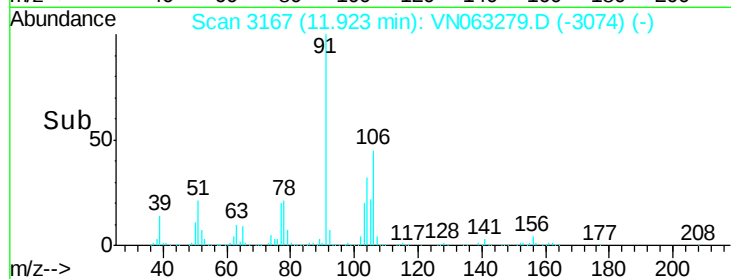
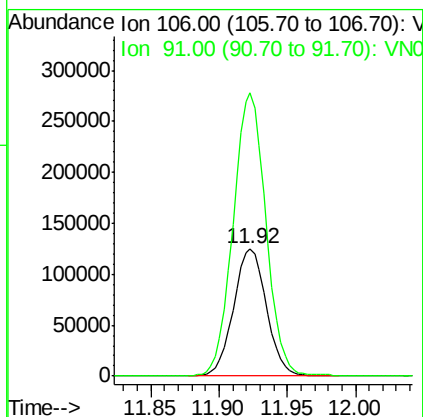
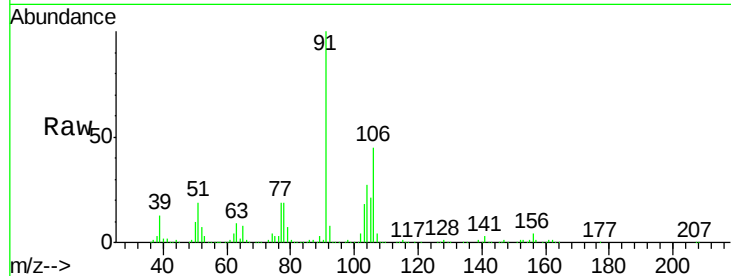
#69
o-Xylene
Concen: 21.218 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	209195		
91	219.1	108.6	325.6	

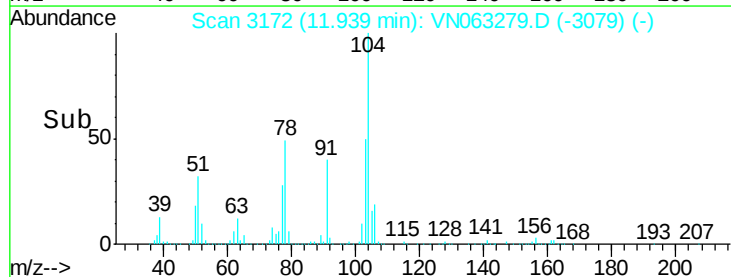
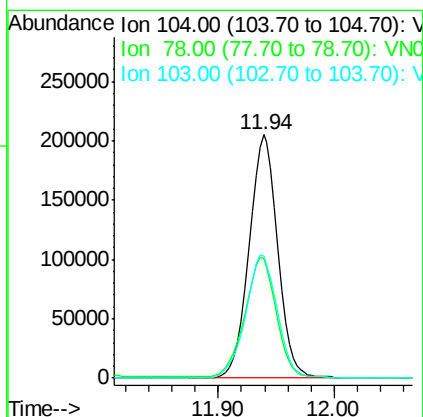
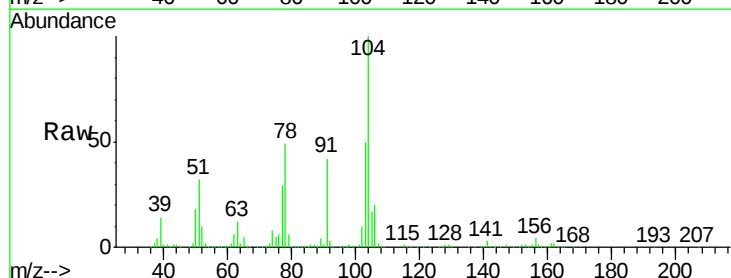
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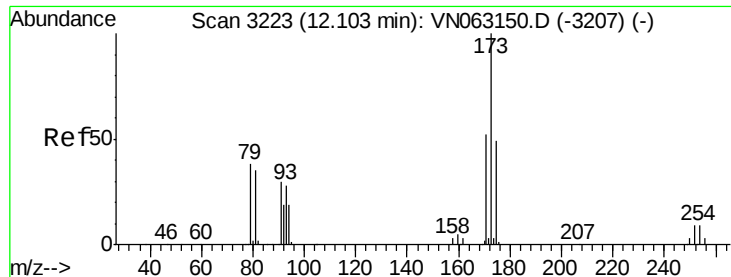
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#70
Styrene
Concen: 20.891 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	353979		
78	54.3	41.0	61.6	
103	55.5	43.8	65.8	





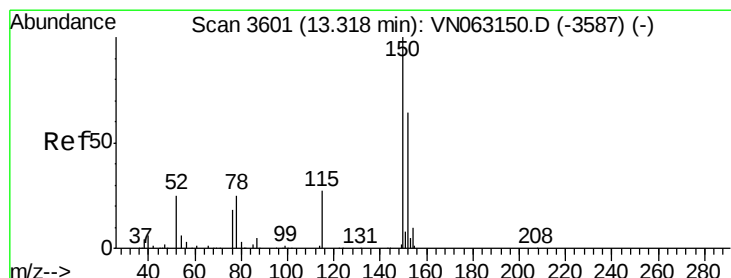
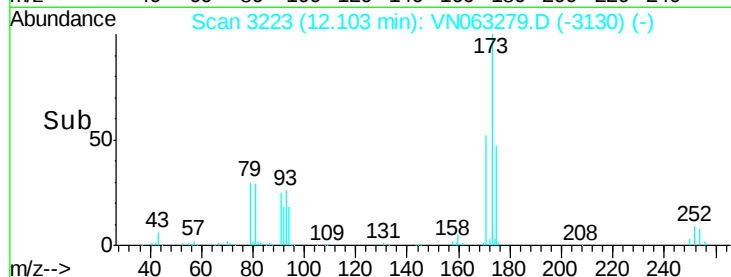
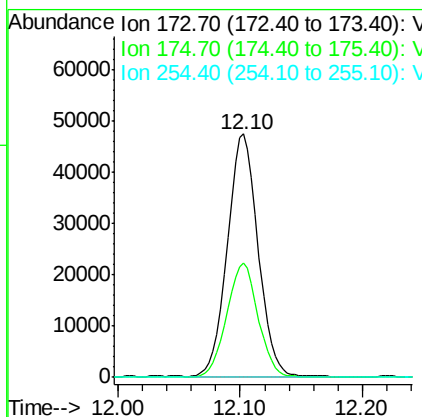
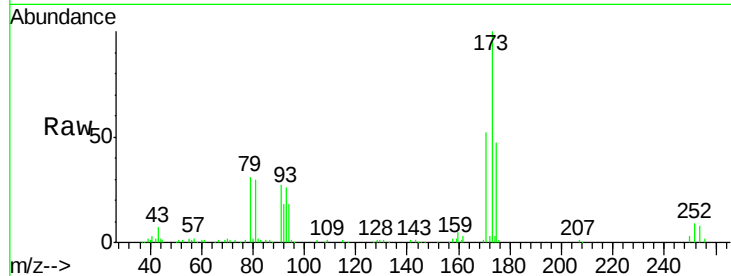
#71
Bromoform
Concen: 22.022 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.6	73.8
254	0.0	0.0	0.0

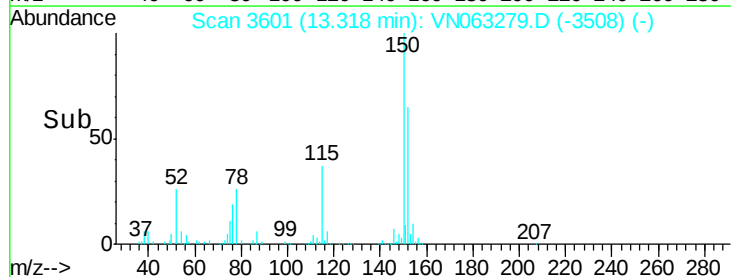
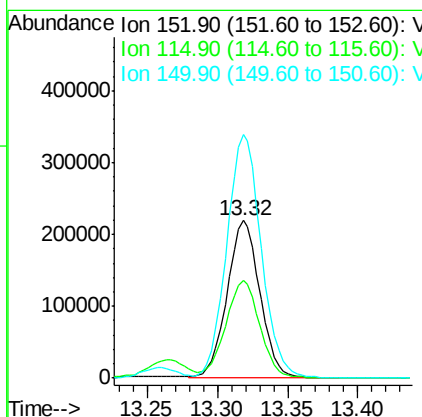
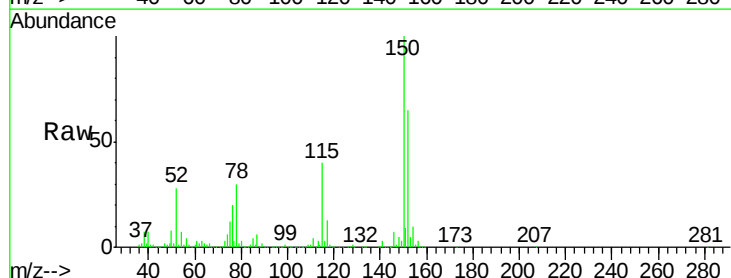
Manual Integrations
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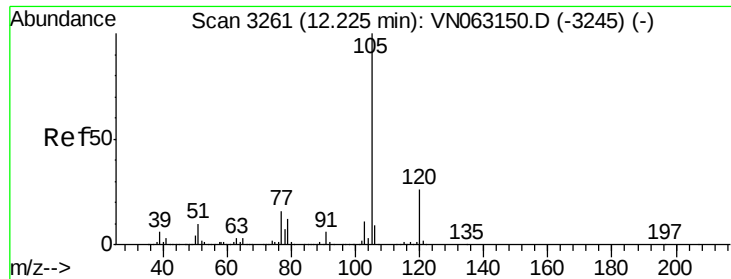
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	32.0	96.2
150	163.2	0.0	353.0





#73

Isopropylbenzene

Concen: 20.611 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tot Ion: 105 Resp: 560184

Ion Ratio Lower Upper

105 100

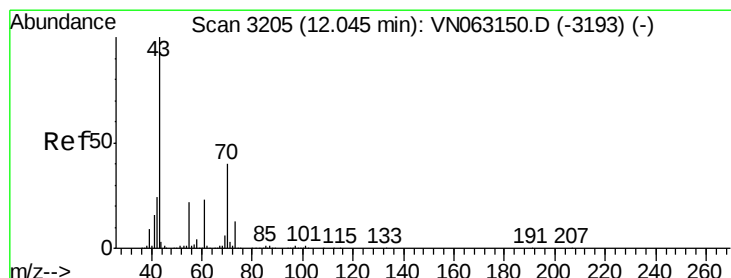
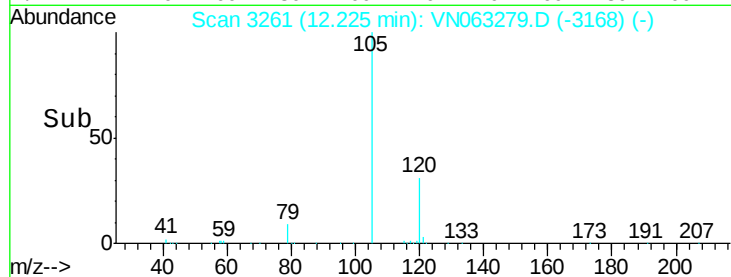
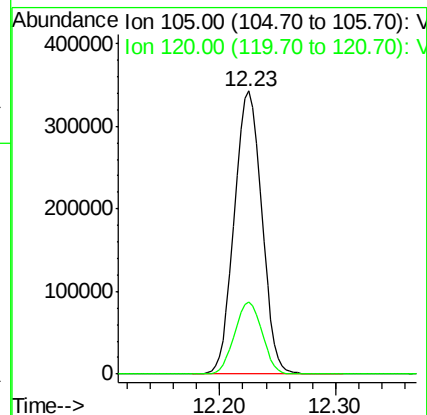
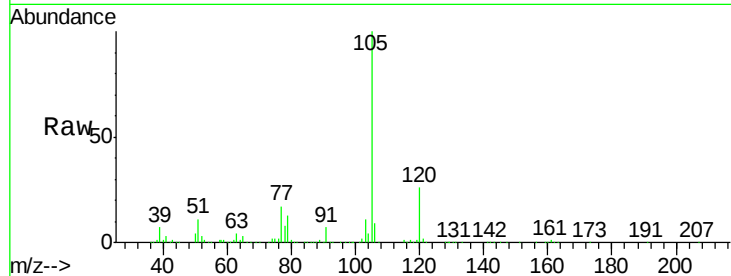
120 25.6 12.9 38.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.505 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Tgt Ion: 43 Resp: 242109

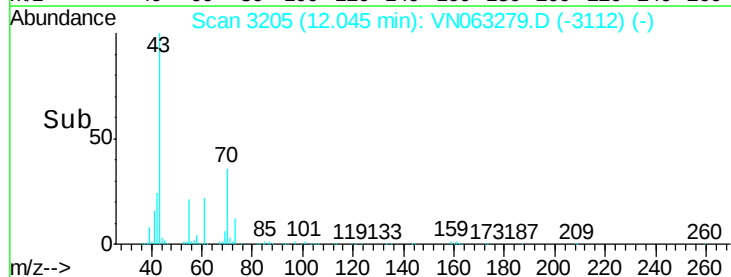
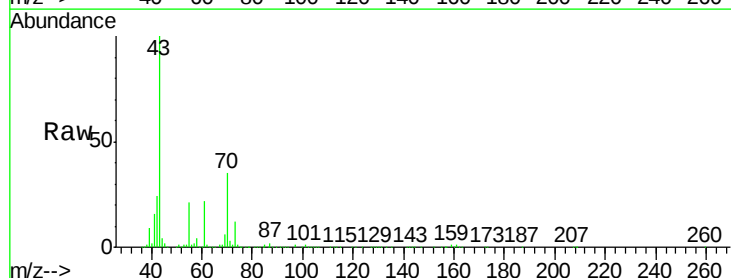
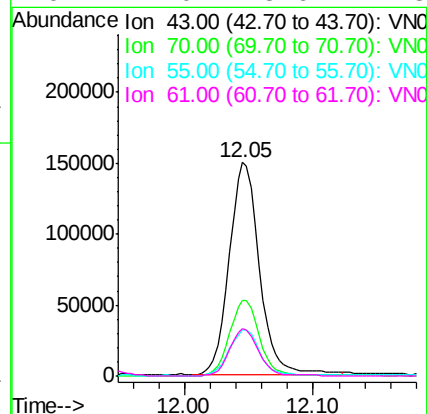
Ion Ratio Lower Upper

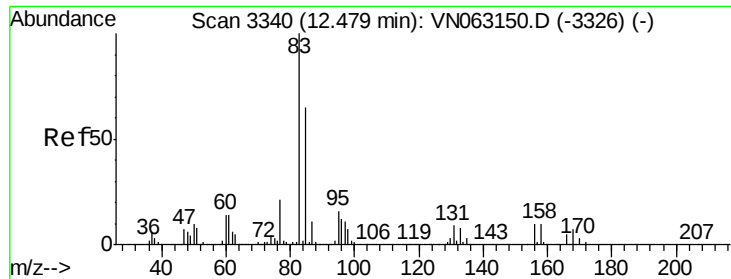
43 100

70 35.5 32.1 48.1

55 21.9 17.4 26.0

61 22.0 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.605 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tot Ion: 83 Resp: 161463
Ion Ratio Lower Upper

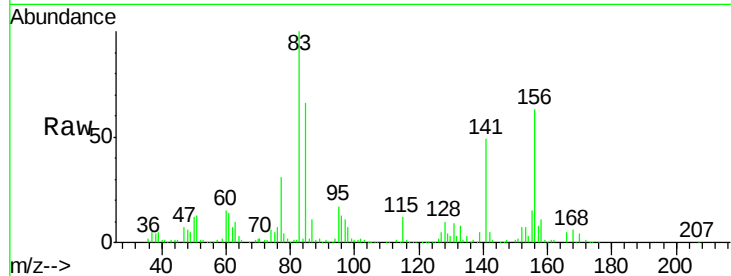
83 100

131 9.6 4.7 14.0

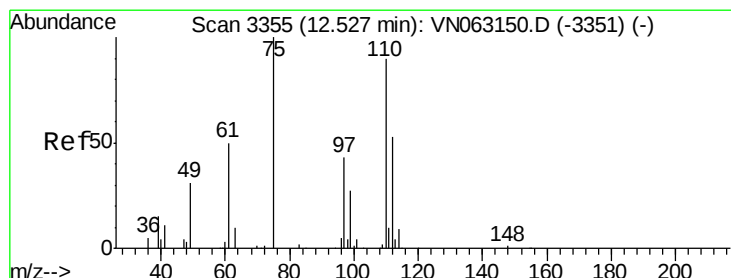
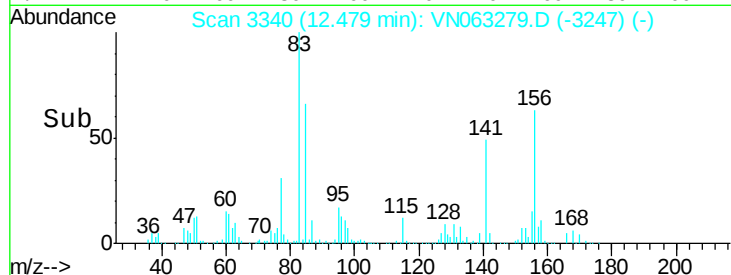
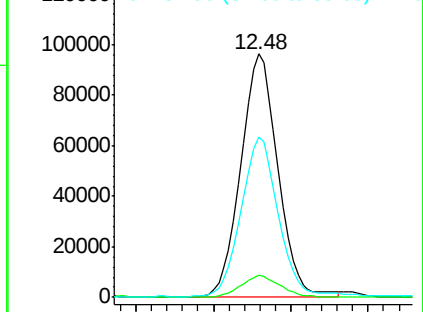
85 66.1 32.7 98.1

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Abundance Ion 82.90 (82.60 to 83.60): VN063279.D (-3247) (-)
Ion 130.80 (130.50 to 131.50): VN063279.D (-3247) (-)
Ion 84.90 (84.60 to 85.60): VN063279.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 21.475 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

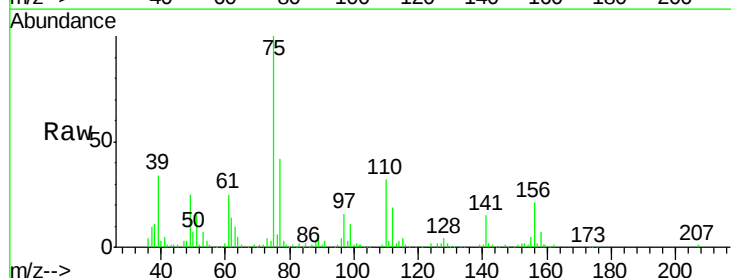
Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

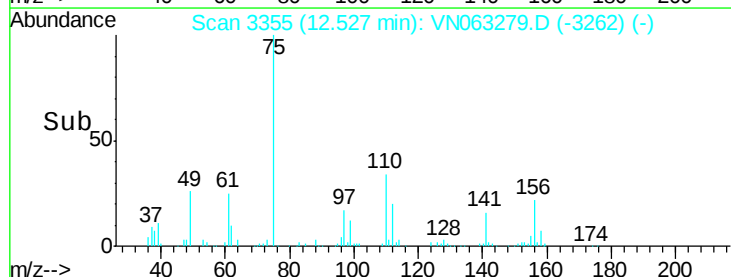
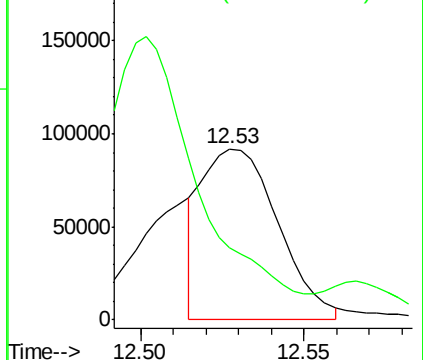
Tgt Ion: 75 Resp: 149518
Ion Ratio Lower Upper

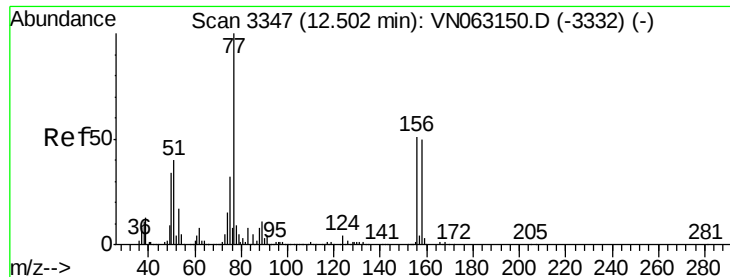
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063279.D (-3262) (-)
Ion 77.00 (76.70 to 77.70): VN063279.D (-3262) (-)





#77

Bromobenzene

Concen: 25.419 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

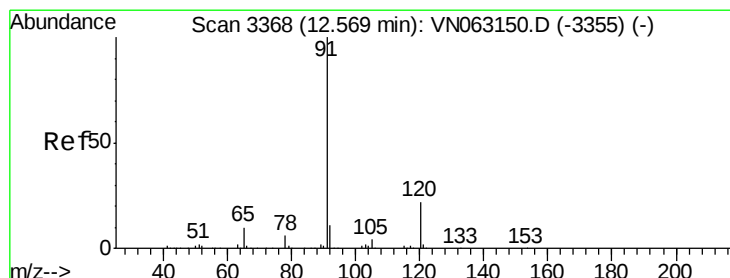
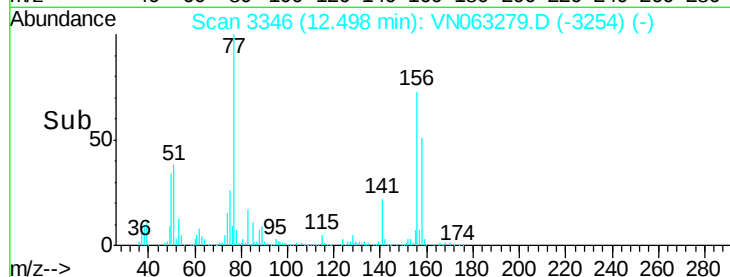
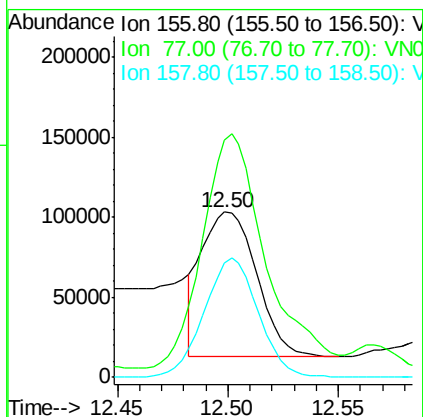
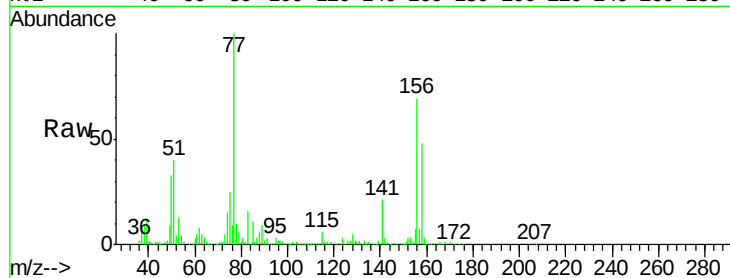
ClientSampleId :

VN0909WBSD01

Tot Ion:	156	Resp:	156246
Ion	Ratio	Lower	Upper
156	100		
77	188.0	116.1	348.3
158	80.4	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.653 ug/l

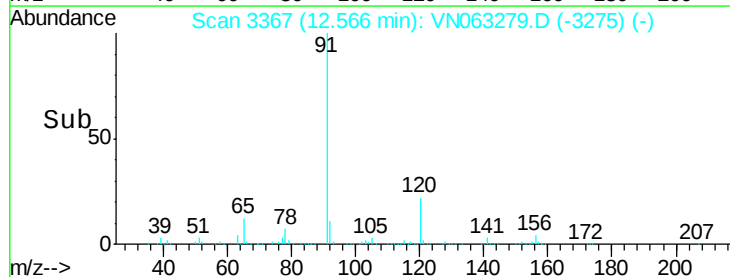
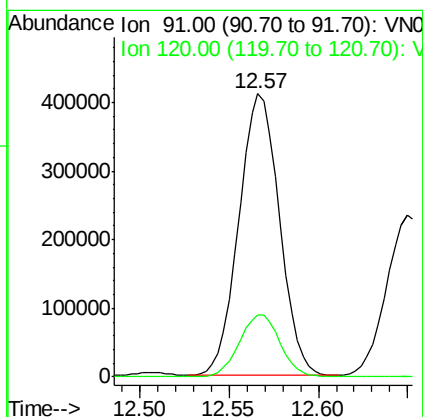
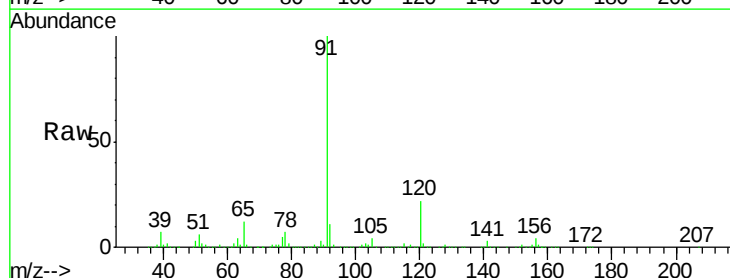
RT: 12.57 min Scan# 3367

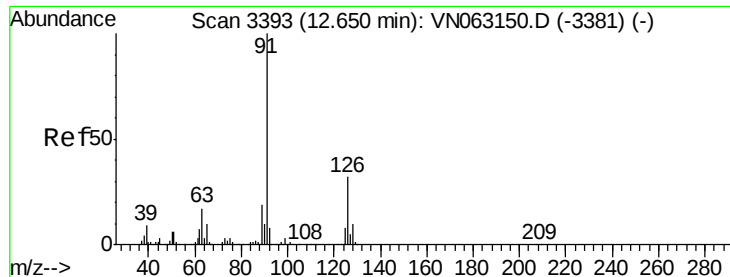
Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Tgt Ion:	91	Resp:	649551
Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.7





#79

2-Chlorotoluene

Concen: 20.833 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tot Ion: 91 Resp: 392445

Ion Ratio Lower Upper

91 100

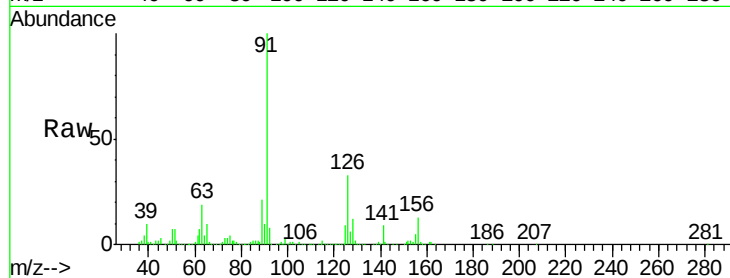
126 33.1 16.1 48.3

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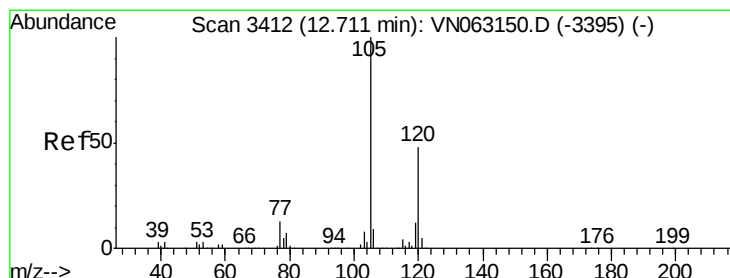
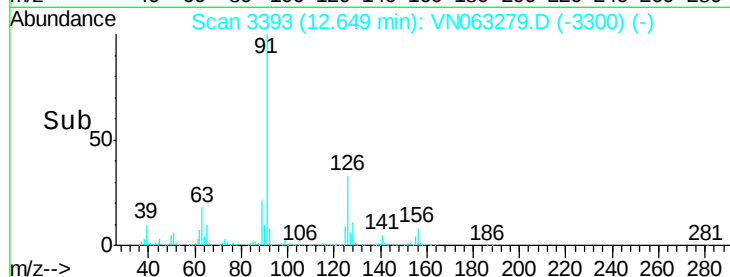
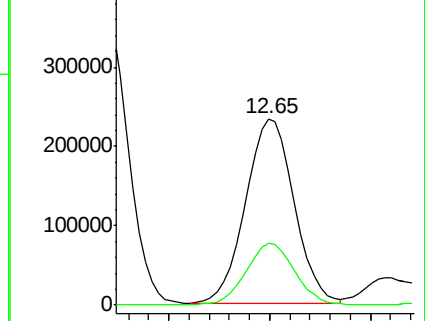
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Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3381) (-)

Ion 125.90 (125.60 to 126.60): VN063150.D (-3381) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.970 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063279.D

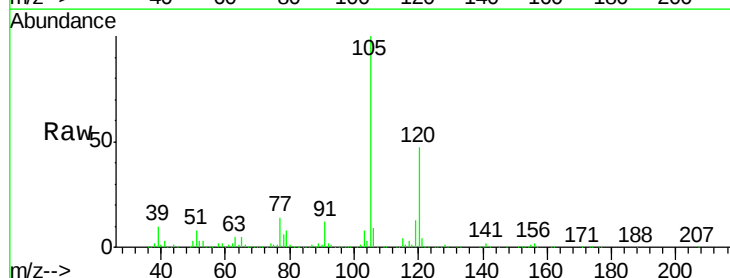
Acq: 9 Sep 2020 13:52

Tgt Ion: 105 Resp: 474414

Ion Ratio Lower Upper

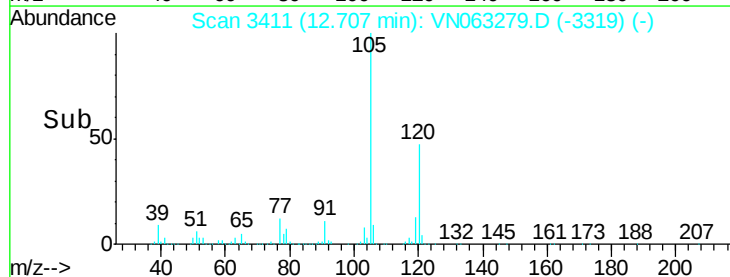
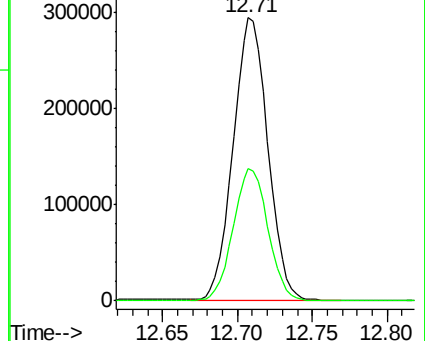
105 100

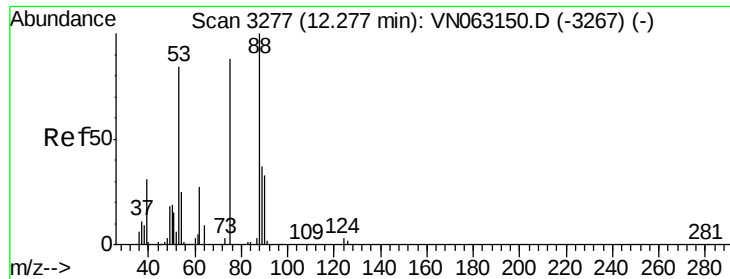
120 46.7 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063150.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN063150.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.899 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

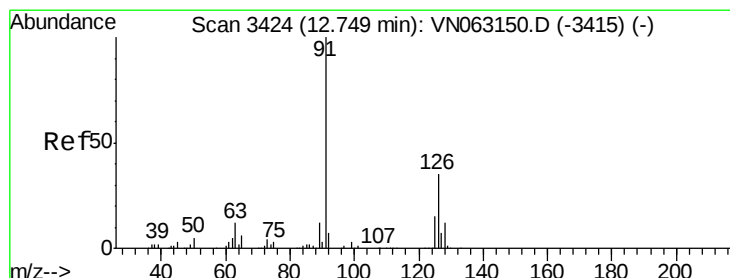
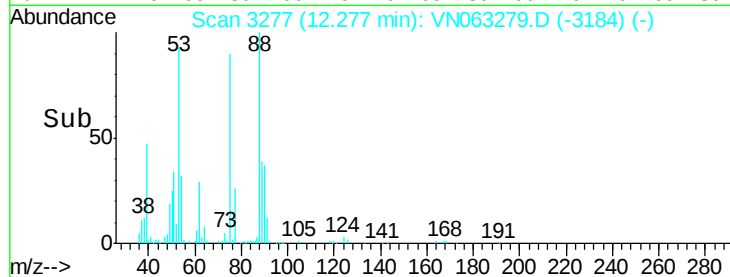
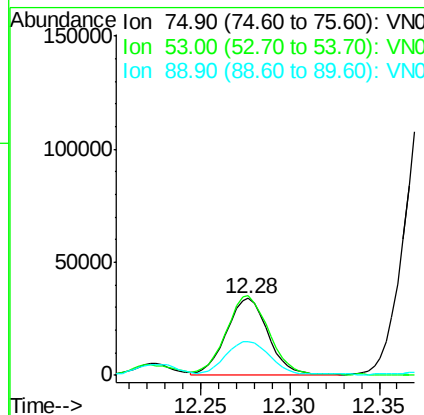
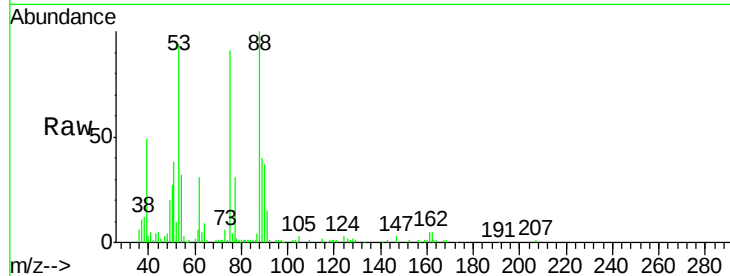
ClientSampleId :

VN0909WBSD01

Tot Ion:	75	Resp:	54443
Ion	Ratio	Lower	Upper
75	100		
53	106.5	78.7	118.1
89	45.3	35.3	52.9

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#82

4-Chlorotoluene

Concen: 21.012 ug/l

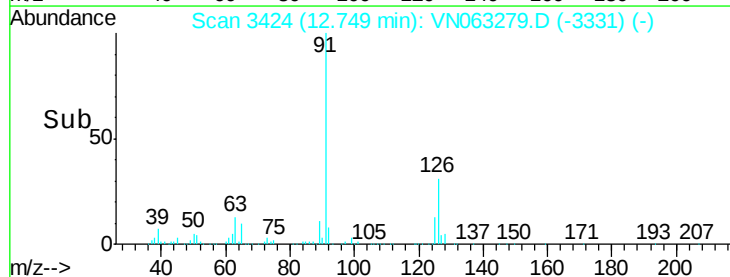
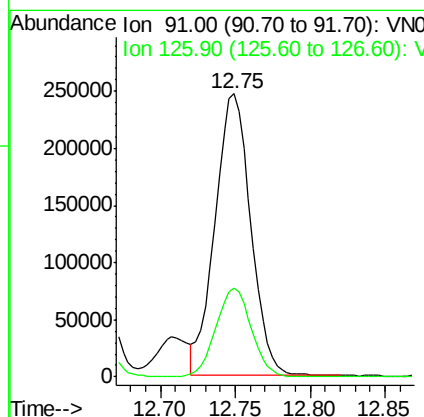
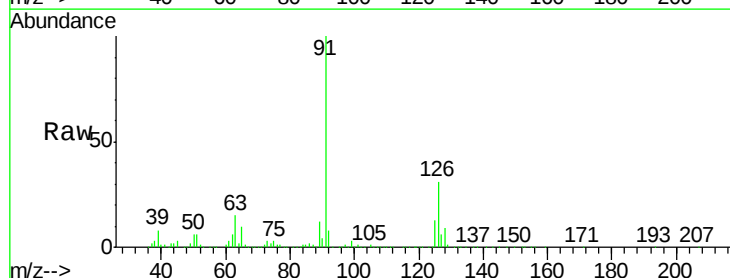
RT: 12.75 min Scan# 3424

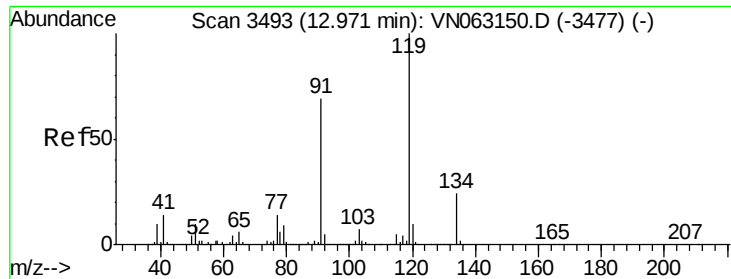
Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Tgt Ion:	91	Resp:	410505
Ion	Ratio	Lower	Upper
91	100		
126	31.0	16.2	48.5





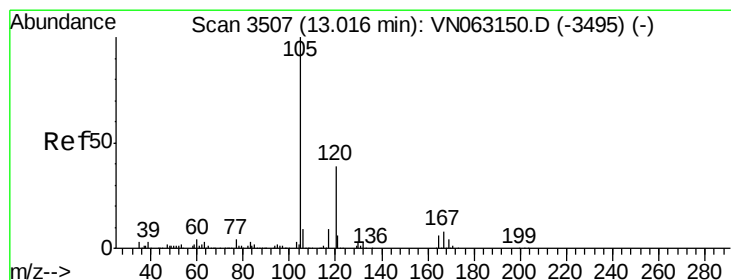
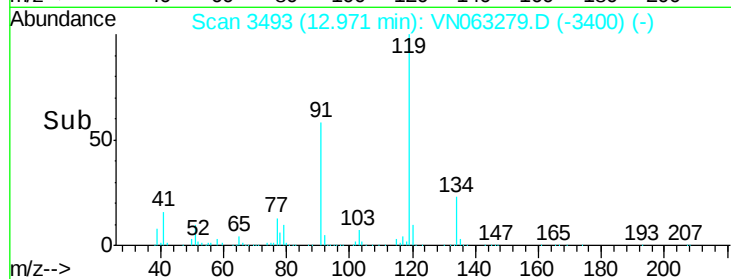
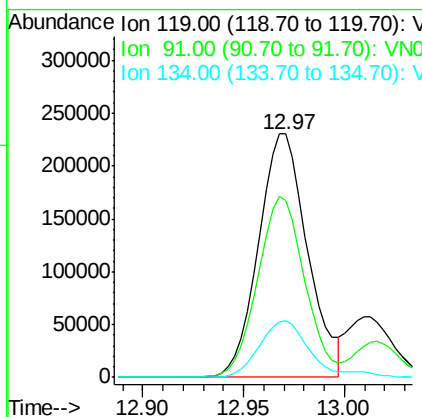
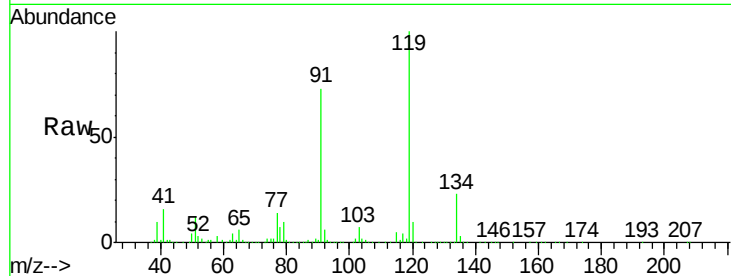
#83
tert-Butylbenzene
Concen: 20.041 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.0	33.7	101.0
134	23.0	12.0	36.0

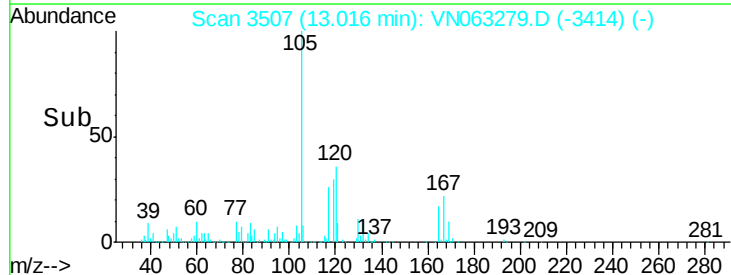
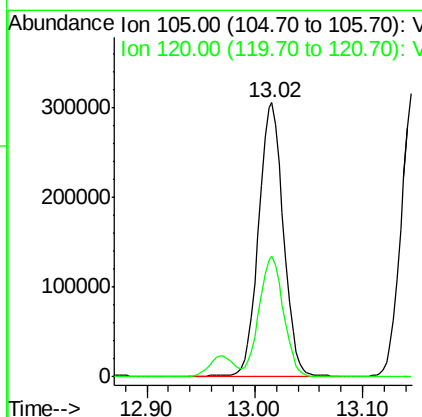
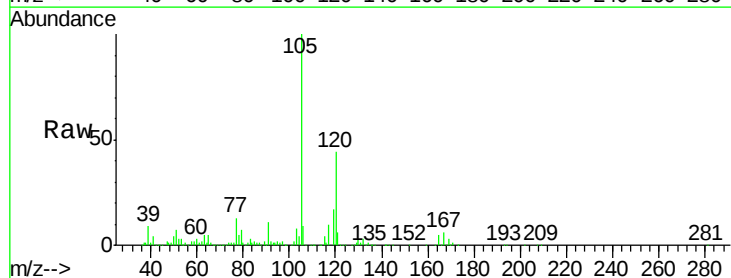
Manual Integrations
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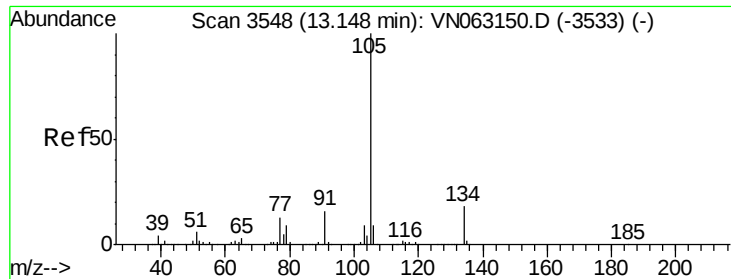
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#84
1,2,4-Trimethylbenzene
Concen: 21.381 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.6	67.7





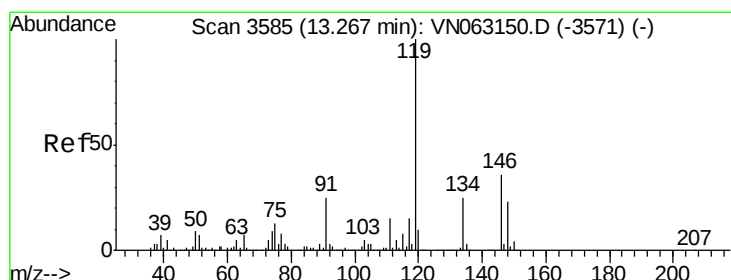
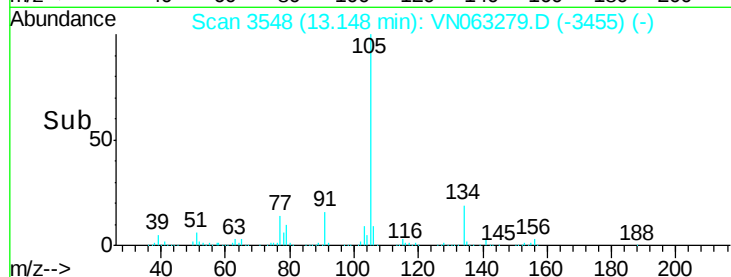
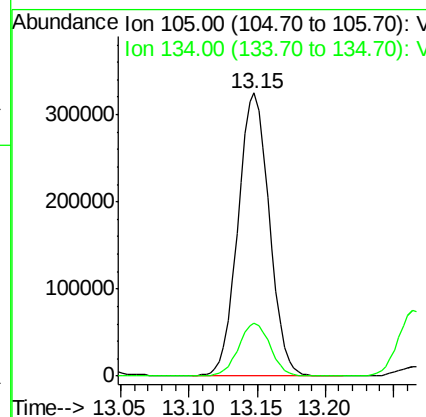
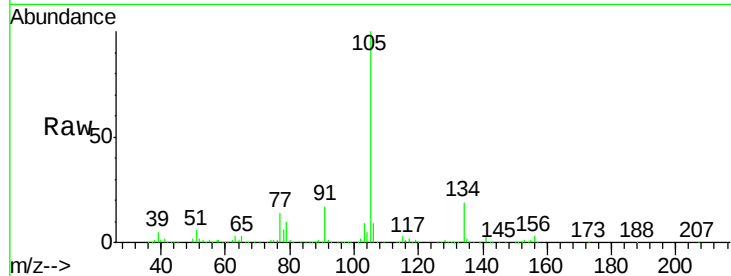
#85
 sec-Butylbenzene
 Concen: 20.358 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	514791		
134	19.1	9.4	28.3	

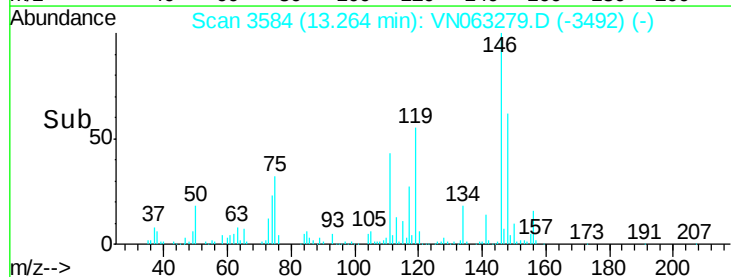
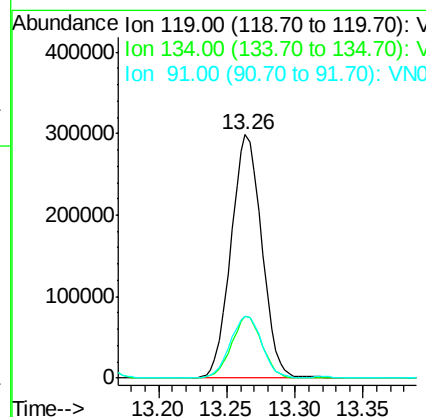
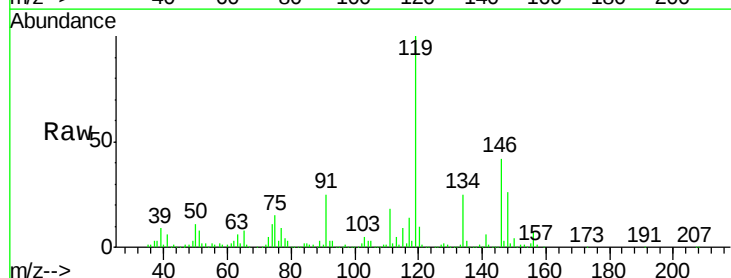
Manual Integrations
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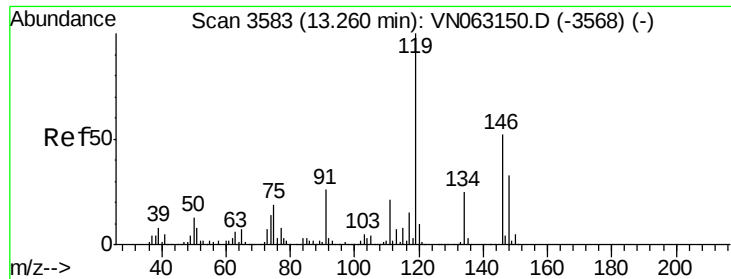
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 20.756 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	465976		
134	25.3	12.4	37.4	
91	25.8	12.2	36.6	





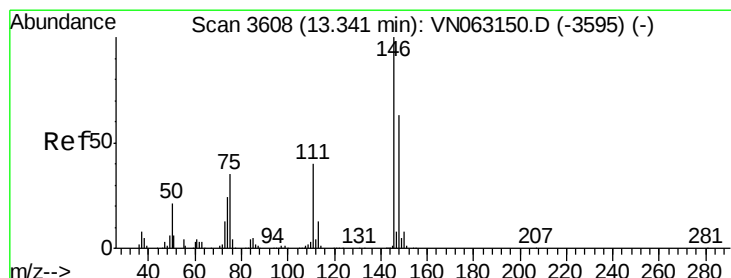
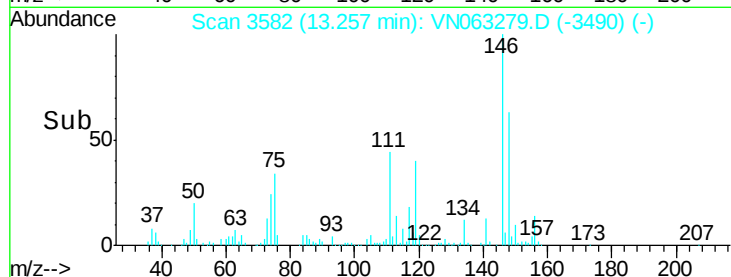
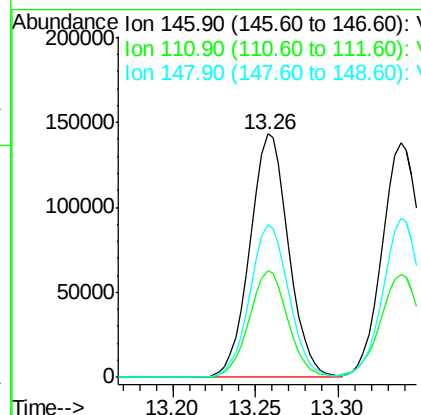
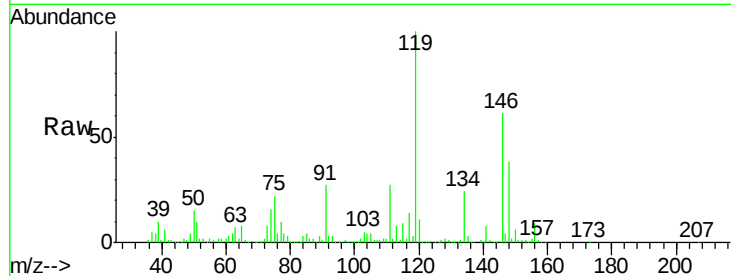
#87
 1,3-Dichlorobenzene
 Concen: 20.628 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	232932		
111	43.9	21.3	63.7	
148	63.4	31.9	95.9	

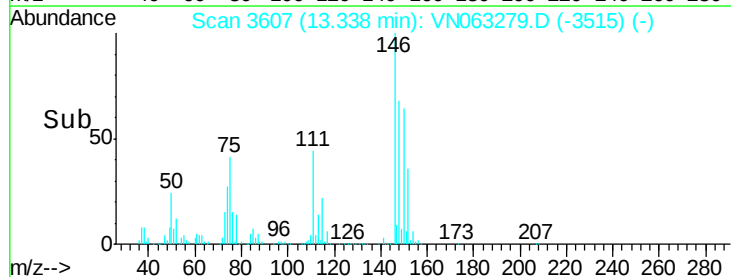
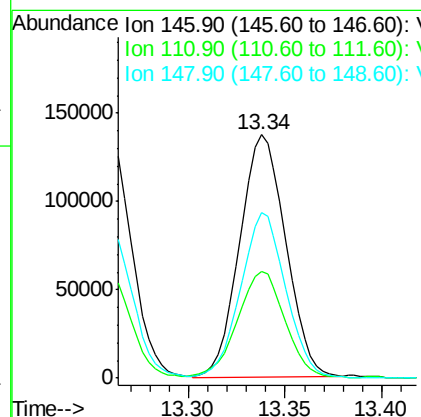
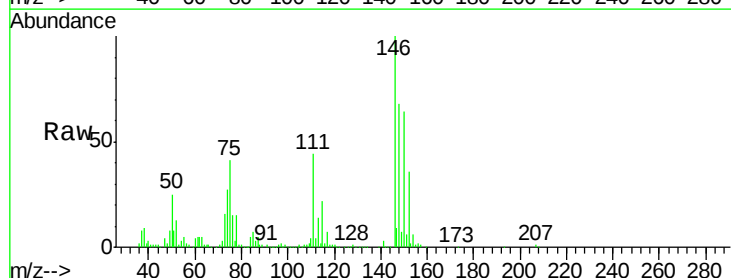
Manual Integrations
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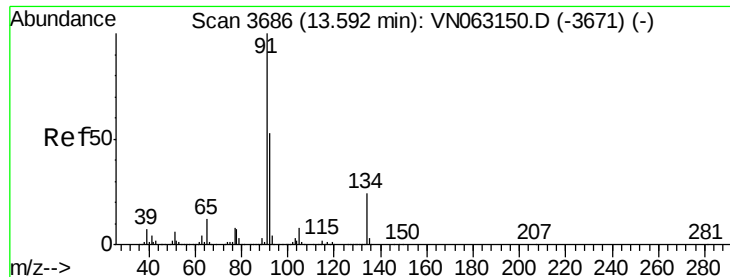
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#88
 1,4-Dichlorobenzene
 Concen: 19.407 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	226923		
111	45.2	20.5	61.5	
148	66.7	31.9	95.7	





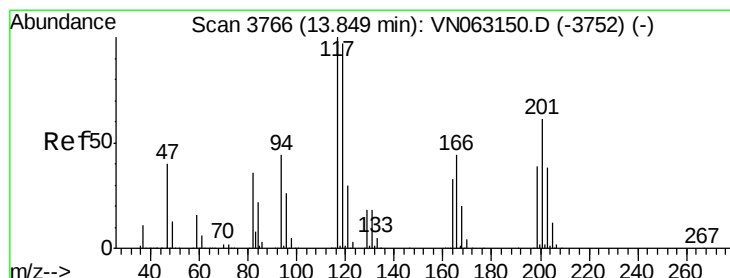
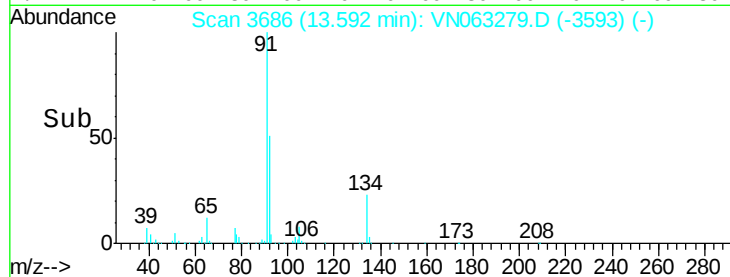
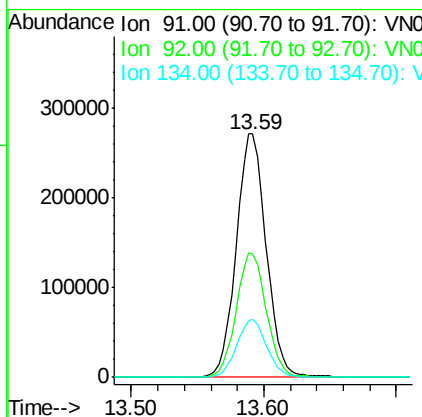
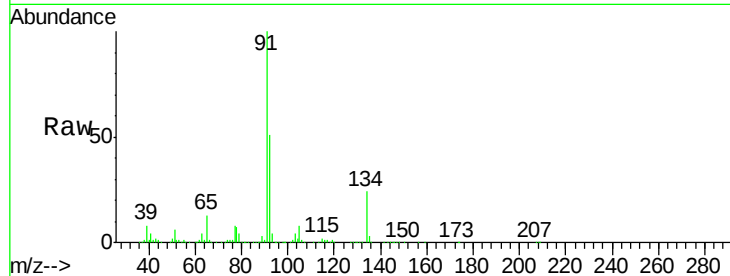
#89
n-Butylbenzene
Concen: 20.433 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.3	78.8
134	24.1	12.0	36.0

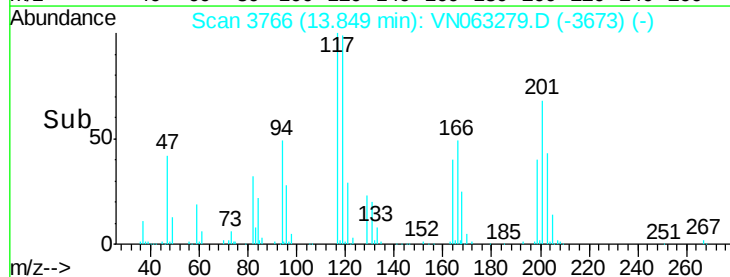
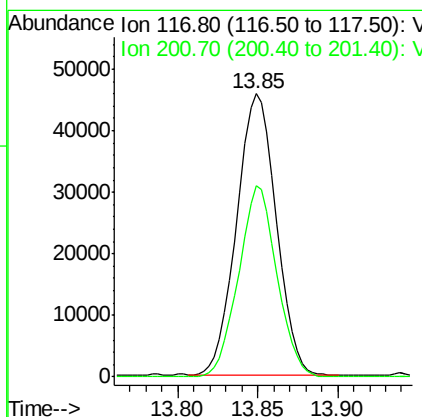
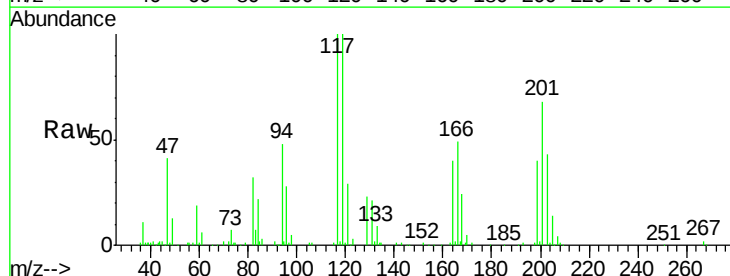
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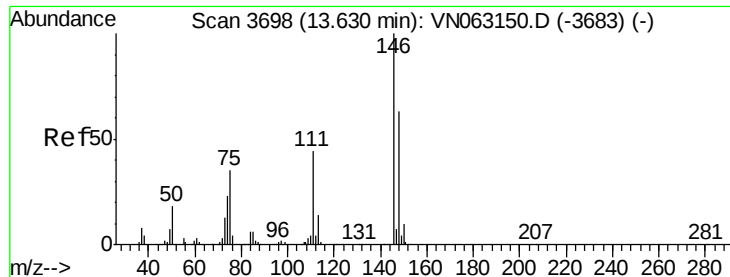
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#90
Hexachloroethane
Concen: 18.645 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063279.D
Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.4	30.6	92.0





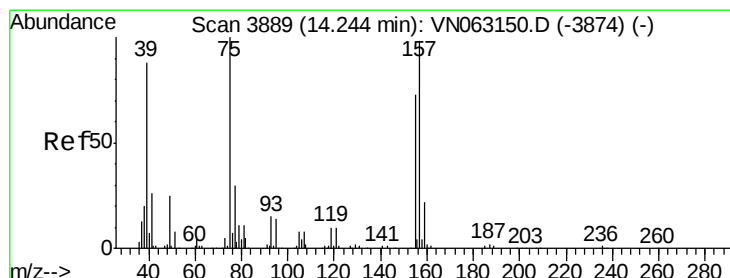
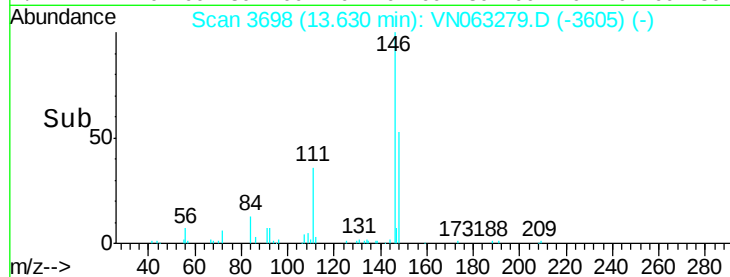
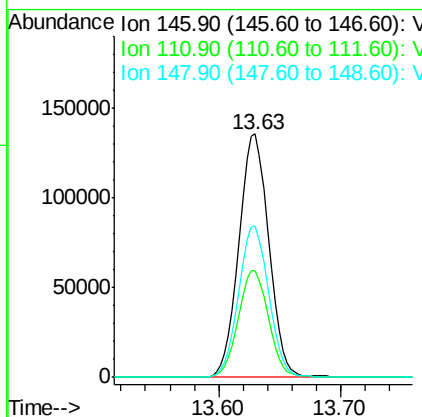
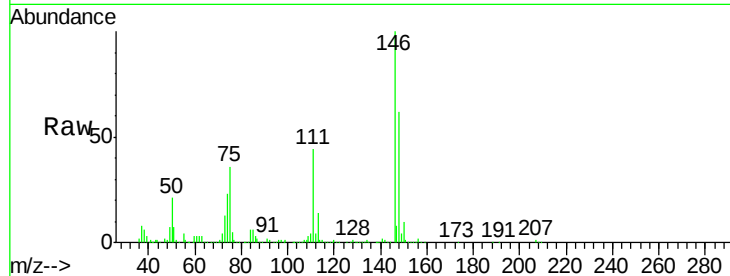
#91
 1,2-Dichlorobenzene
 Concen: 21.068 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	230870		
111	43.7	22.0	66.0	
148	62.7	31.6	95.0	

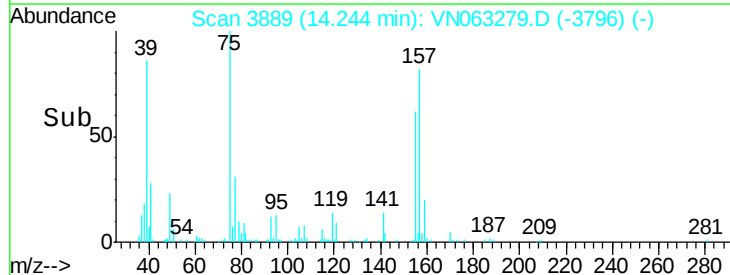
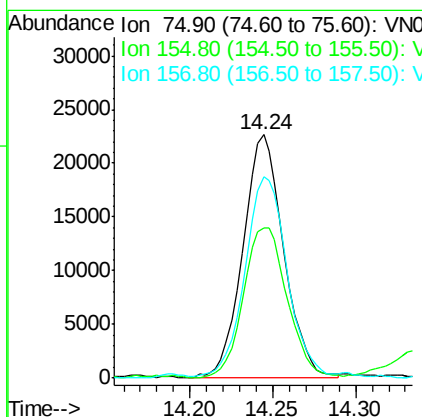
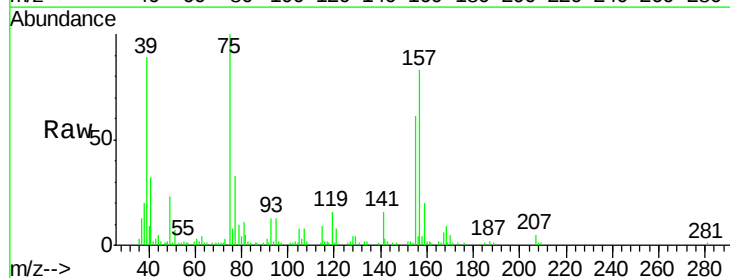
Manual Integrations
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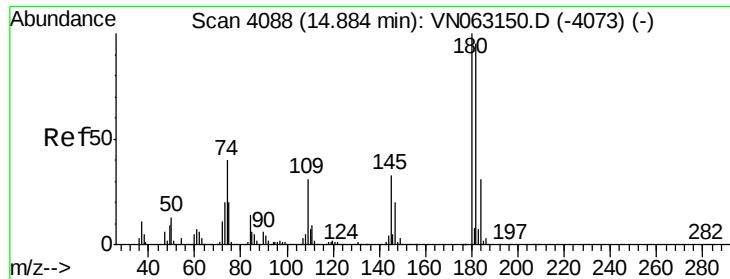
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.583 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38904		
155	66.6	36.1	108.5	
157	83.5	48.4	145.0	





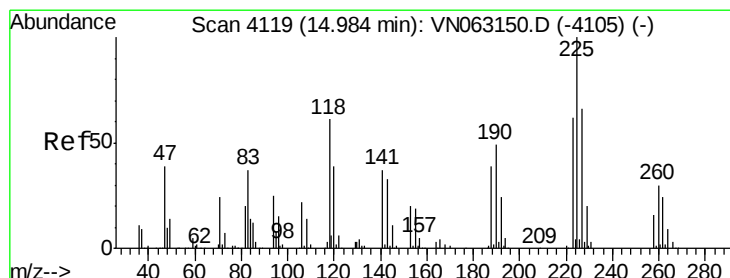
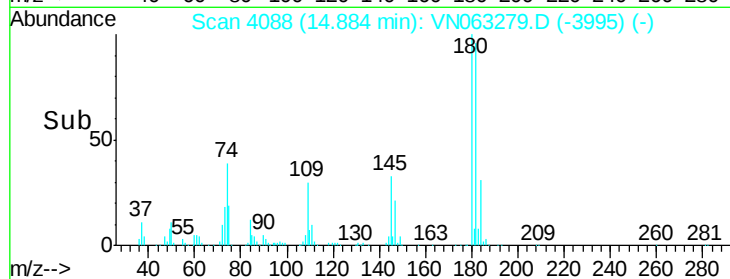
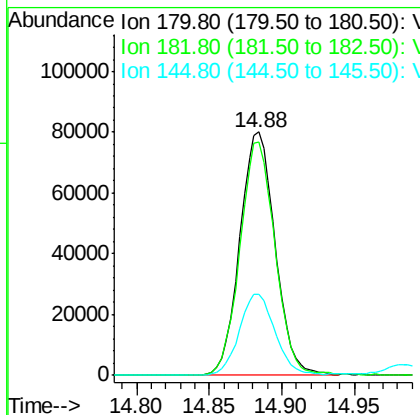
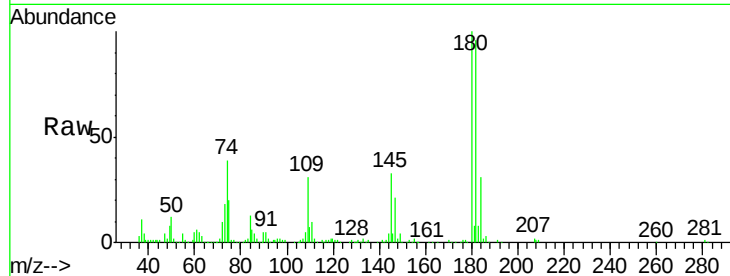
#93
 1,2,4-Trichlorobenzene
 Concen: 22.162 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135680		
182	95.3	47.5	142.5	
145	34.0	16.6	49.8	

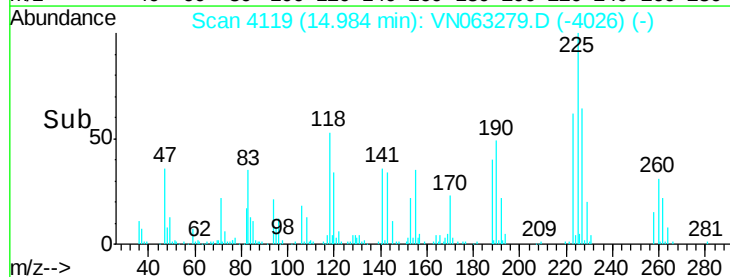
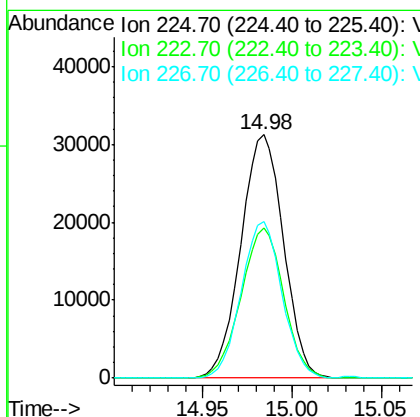
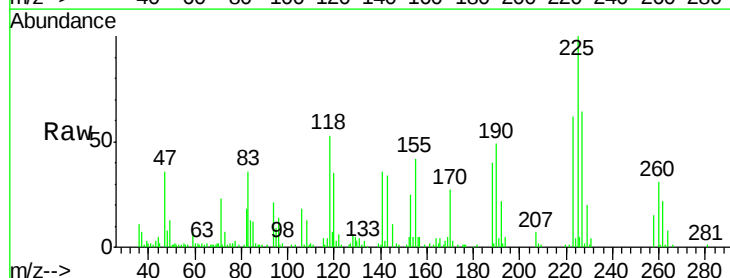
Manual Integrations
 APPROVED

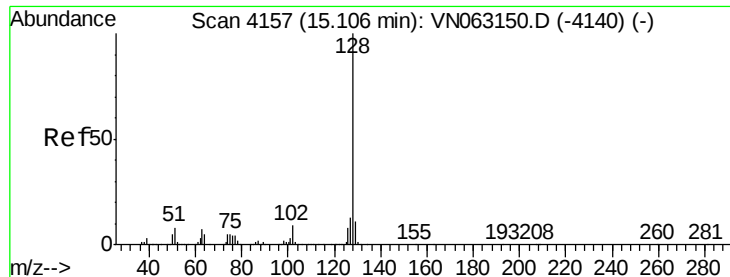
MMDadoda
 9/10/2020 4:04:24 PM



#94
 Hexachlorobutadiene
 Concen: 22.830 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063279.D
 Acq: 9 Sep 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52212		
223	61.6	30.9	92.7	
227	61.3	32.9	98.7	





#95

Naphthalene

Concen: 27.078 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Instrument :

MSVOA_N

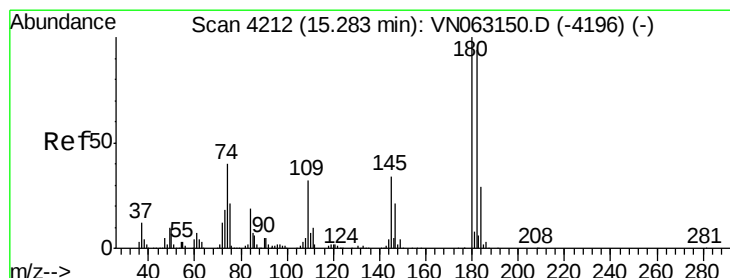
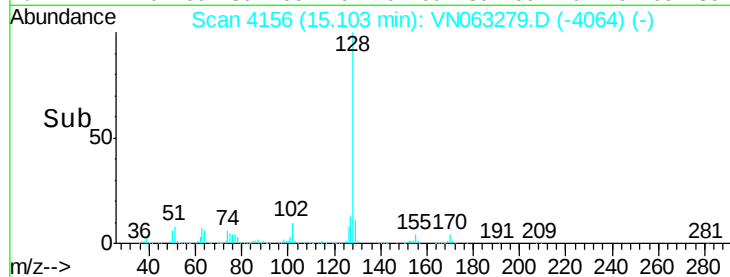
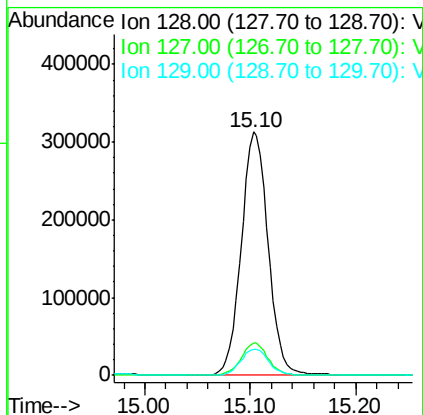
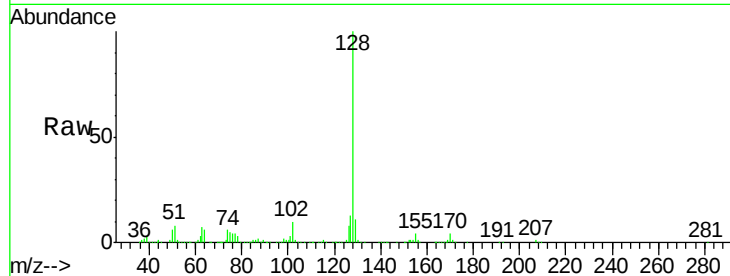
ClientSampleId :

VN0909WBSD01

Tot Ion:	128	Resp:	553075
Ion Ratio		Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.4	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
9/10/2020 4:04:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.236 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063279.D

Acq: 9 Sep 2020 13:52

Tgt Ion:	180	Resp:	126664
Ion Ratio		Lower	Upper
180	100		
182	94.6	47.5	142.5
145	36.3	17.3	52.0

