

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063766.D
 Acq On : 1 Oct 2020 12:58
 Operator : JC/MD
 Sample : VN1001WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Manual Integrations
 APPROVED

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 10/2/2020 3:11:16 PM

Quant Time: Oct 02 02:29:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	251399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	211082	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.55	113	144124	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.06	98	541170	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.38	95	197173	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48319	18.215	ug/l	99
3) Chloromethane	2.04	50	55021	17.677	ug/l	97
4) Vinyl Chloride	2.16	62	55946	17.906	ug/l	100
5) Bromomethane	2.53	94	37737	19.202	ug/l	93
6) Chloroethane	2.68	64	35649	19.095	ug/l	99
7) Trichlorofluoromethane	2.98	101	93646	18.899	ug/l	96
8) Diethyl Ether	3.38	74	34436	20.549	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50655	19.126	ug/l	98
10) Methyl Iodide	3.91	142	54231	17.635	ug/l	98
11) Tert butyl alcohol	4.73	59	49108	107.097	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	48654	19.219	ug/l	97
13) Acrolein	3.57	56	26800	95.230	ug/l	97
14) Allyl chloride	4.28	41	90934	19.335	ug/l	99
15) Acrylonitrile	4.93	53	129700	98.817	ug/l	99
16) Acetone	3.77	43	128156	100.238	ug/l	99
17) Carbon Disulfide	4.01	76	129936	19.425	ug/l	99
18) Methyl Acetate	4.28	43	66848	20.138	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	185778	20.199	ug/l	99
20) Methylene Chloride	4.51	84	58988	20.202	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	52488	18.511	ug/l	93
22) Diisopropyl ether	5.90	45	194311	20.081	ug/l	96
23) Vinyl Acetate	5.84	43	811847	101.285	ug/l	98
24) 1,1-Dichloroethane	5.79	63	107277	19.390	ug/l	97
25) 2-Butanone	6.78	43	189253	104.409	ug/l	97
26) 2,2-Dichloropropane	6.78	77	96733	19.092	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	64111	19.659	ug/l	98
28) Bromochloromethane	7.15	49	63539	23.236	ug/l	99
29) Tetrahydrofuran	7.16	42	120522	99.137	ug/l	98
30) Chloroform	7.33	83	110792	19.205	ug/l	96
31) Cyclohexane	7.62	56	90741	18.819	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	102511	19.701	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80641	18.860	ug/l	99
37) Ethyl Acetate	6.88	43	81141	19.101	ug/l	99
38) Carbon Tetrachloride	7.73	117	88003	18.355	ug/l	96

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MMDadoda
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Quant Time: Oct 02 02:29:37 2020
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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75914	17.804	ug/l	99
40) Benzene	8.00	78	231948	18.992	ug/l	100
41) Methacrylonitrile	7.13	41	36605	19.388	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	103961	19.942	ug/l	99
43) Isopropyl Acetate	8.13	43	138477	19.763	ug/l	100
44) Trichloroethene	8.80	130	58702	18.345	ug/l	99
45) 1,2-Dichloropropane	9.08	63	64755	19.633	ug/l	99
46) Dibromomethane	9.17	93	44012	19.343	ug/l	99
47) Bromodichloromethane	9.37	83	92458	19.717	ug/l	96
48) Methyl methacrylate	9.17	41	70878	20.474	ug/l	94
49) 1,4-Dioxane	9.16	88	20136	409.260	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	417430	101.515	ug/l	100
52) Toluene	10.12	92	146632	19.411	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	96927	19.283	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	101719	19.349	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	59891	19.770	ug/l	99
56) Ethyl methacrylate	10.40	69	86688	20.188	ug/l	98
57) 1,3-Dichloropropane	10.68	76	103782	20.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	238569	103.864	ug/l	99
59) 2-Hexanone	10.72	43	303578	99.382	ug/l	99
60) Dibromochloromethane	10.87	129	66518	18.854	ug/l	98
61) 1,2-Dibromoethane	10.98	107	62391	20.134	ug/l	99
64) Tetrachloroethene	10.60	164	54775	18.251	ug/l	98
65) Chlorobenzene	11.41	112	154233	19.382	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	60981	19.989	ug/l	100
67) Ethyl Benzene	11.48	91	282239	19.492	ug/l	100
68) m/p-Xylenes	11.60	106	203791	37.763	ug/l	97
69) o-Xylene	11.92	106	99778	19.782	ug/l	98
70) Styrene	11.94	104	167791	19.597	ug/l	100
71) Bromoform	12.10	173	44498	19.072	ug/l #	97
73) Isopropylbenzene	12.23	105	264638	19.770	ug/l	100
74) N-amyl acetate	12.05	43	119676	20.600	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84156	20.560	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	78335m	19.364	ug/l	
77) Bromobenzene	12.50	156	65346	19.895	ug/l	96
78) n-propylbenzene	12.57	91	302811	19.438	ug/l	100
79) 2-Chlorotoluene	12.65	91	185497	19.361	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	222936	19.852	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	27256	19.405	ug/l	95
82) 4-Chlorotoluene	12.75	91	197567	19.864	ug/l	100
83) tert-Butylbenzene	12.97	119	181159	19.722	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	227480	20.289	ug/l	100
85) sec-Butylbenzene	13.15	105	229591	19.029	ug/l	100
86) p-Isopropyltoluene	13.26	119	211525	19.818	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	115883	19.502	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	116914	18.897	ug/l	99
89) n-Butylbenzene	13.59	91	179699	18.241	ug/l	99
90) Hexachloroethane	13.85	117	39101	18.905	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	114349	19.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18600	19.376	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55217	18.391	ug/l	99
94) Hexachlorobutadiene	14.98	225	30736	19.302	ug/l	99
95) Naphthalene	15.11	128	179884	19.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	54371	18.535	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

Tot Ion:168 Resp: 251399

Ion Ratio Lower Upper

168 100

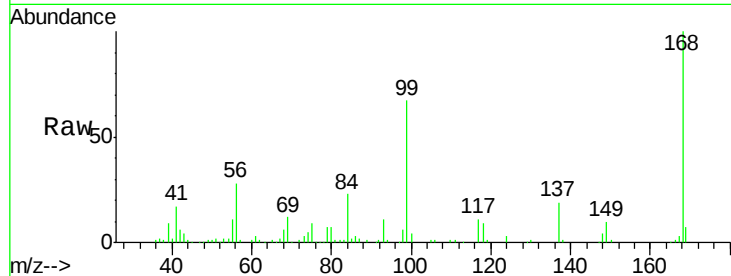
99 66.2 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

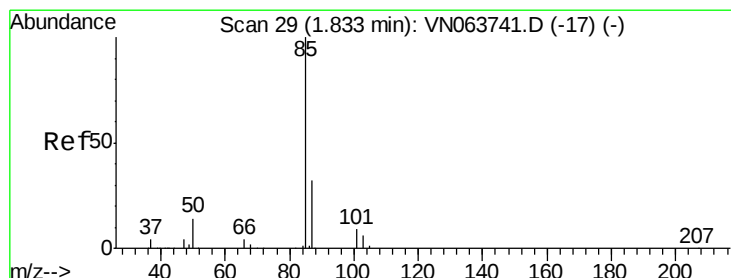
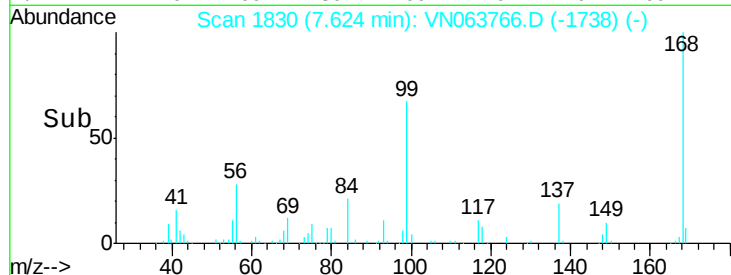
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.215 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063766.D

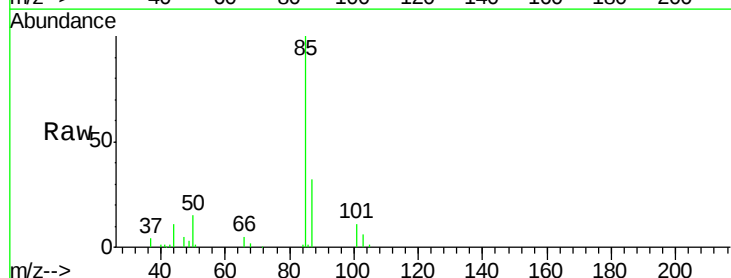
Acq: 1 Oct 2020 12:58

Tgt Ion: 85 Resp: 48319

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

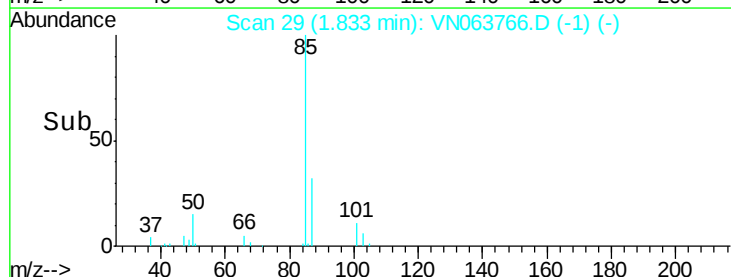
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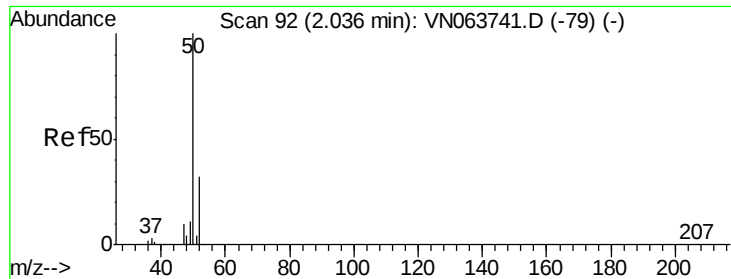
20000

10000

0

Time--> 1.80 1.85 1.90





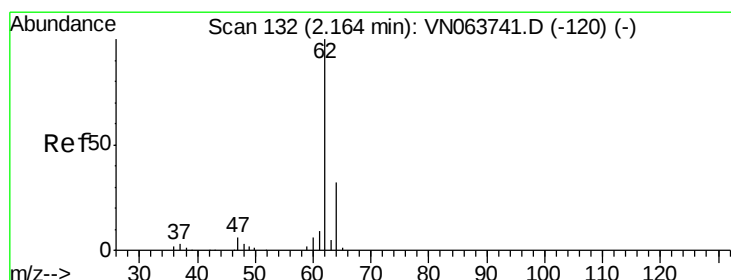
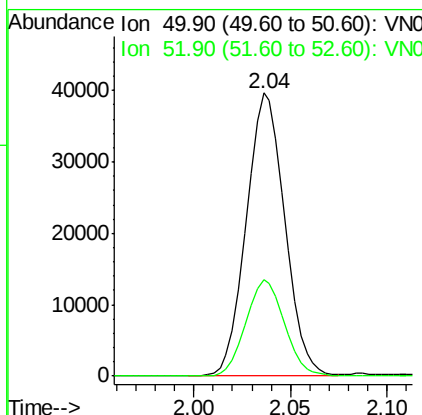
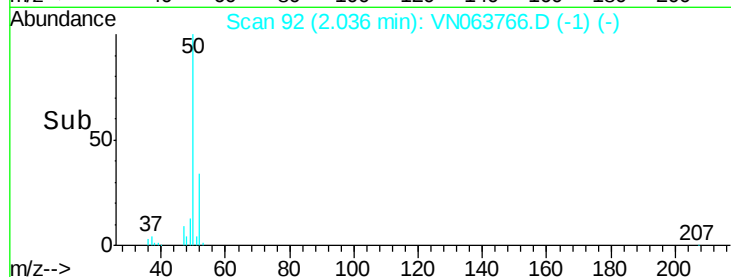
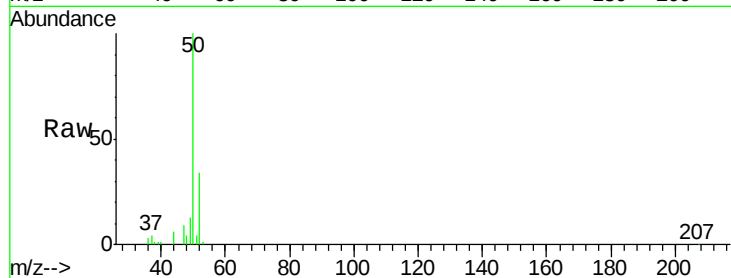
#3
Chloromethane
Concen: 17.677 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion: 50 Resp: 55021
Ion Ratio Lower Upper
50 100
52 34.0 25.8 38.8

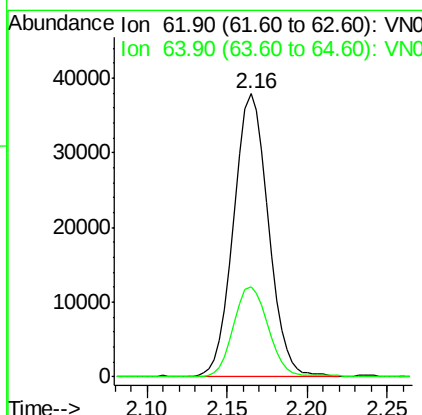
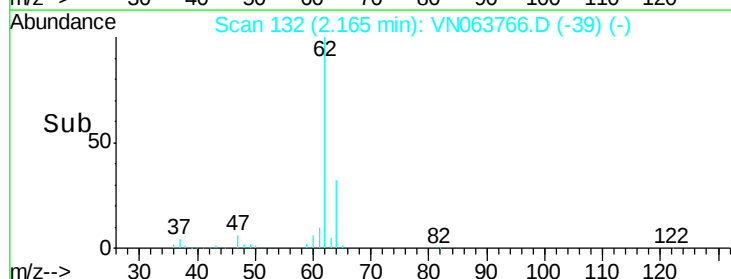
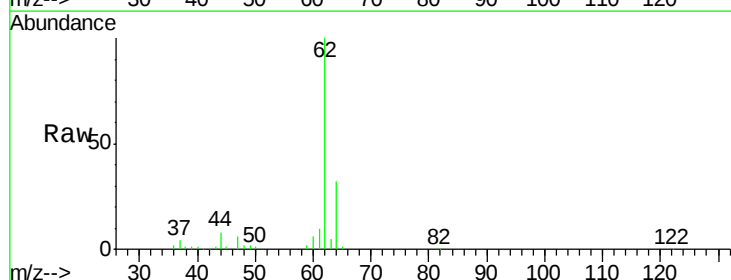
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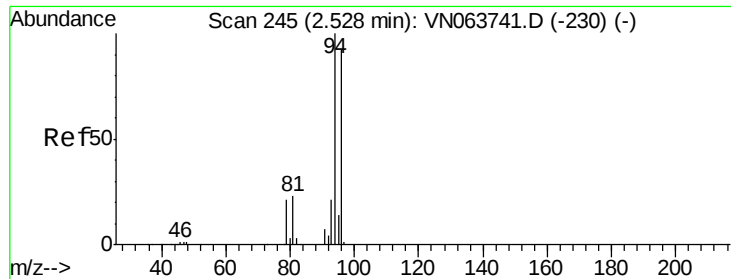
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#4
Vinyl Chloride
Concen: 17.906 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 62 Resp: 55946
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5

Bromomethane

Concen: 19.202 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

Tot Ion: 94 Resp: 37737

Ion Ratio Lower Upper

94 100

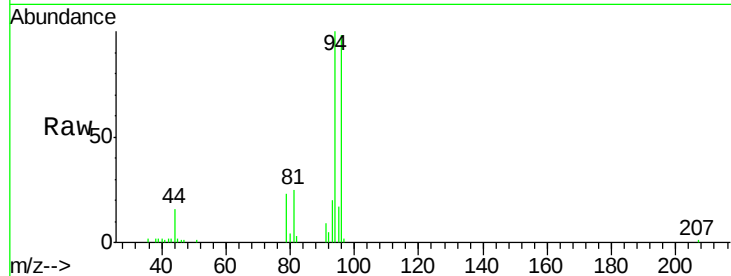
96 98.4 73.3 109.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

20000

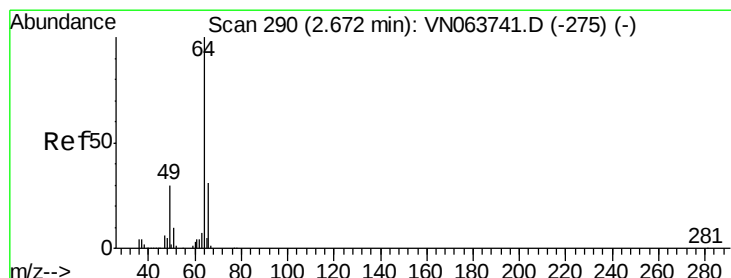
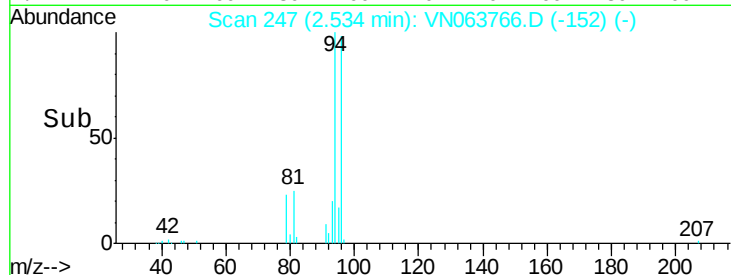
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.095 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063766.D

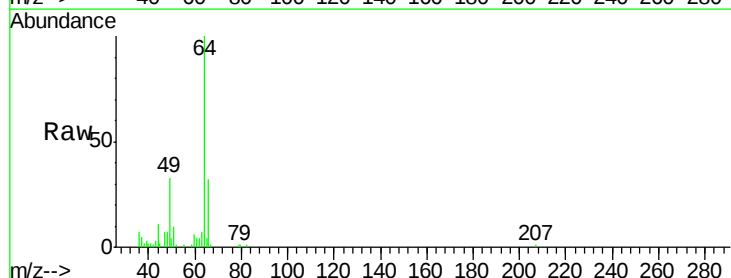
Acq: 1 Oct 2020 12:58

Tgt Ion: 64 Resp: 35649

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

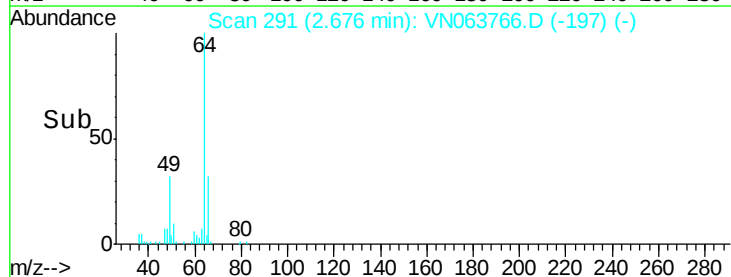
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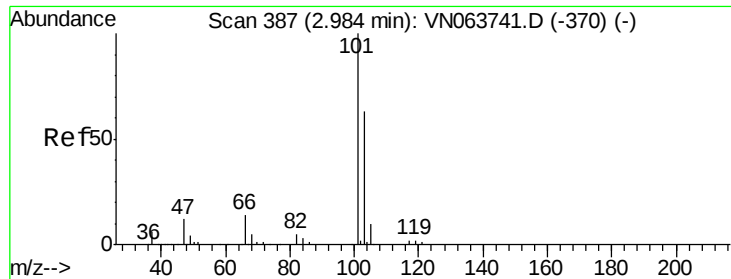
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5000

0

Time-->





#7

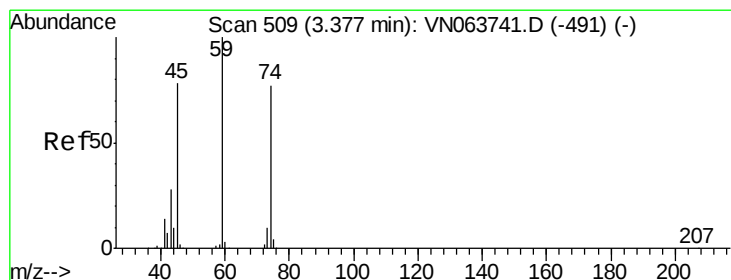
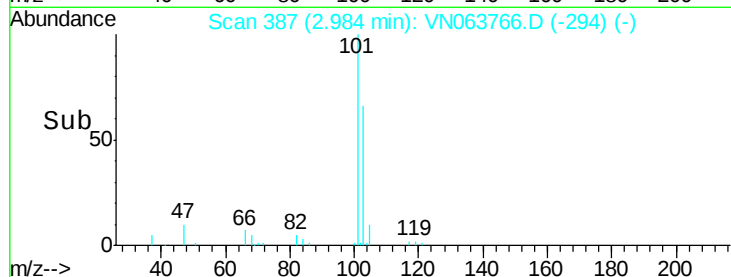
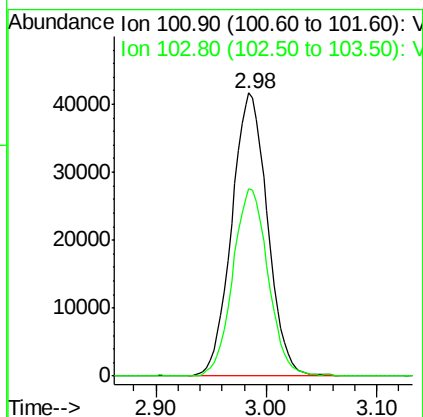
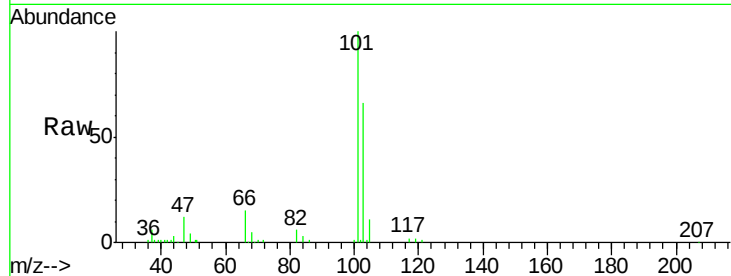
Trichlorofluoromethane
Concen: 18.899 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

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ClientSampleId :
VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	50.7	76.1

Manual Integrations
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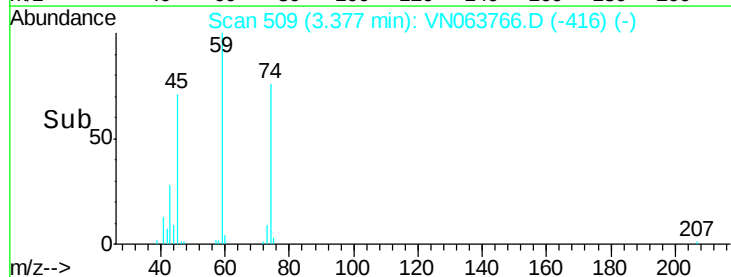
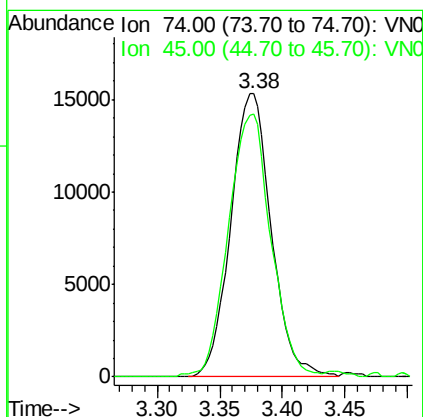
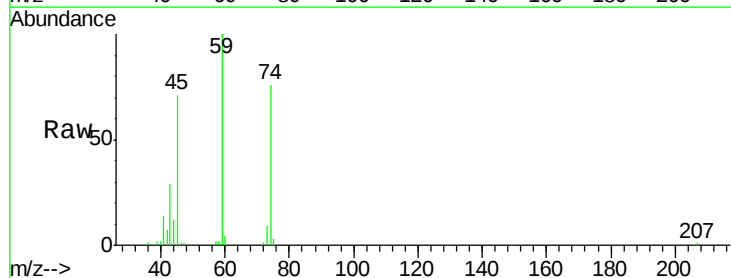
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#8

Diethyl Ether
Concen: 20.549 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	50.9	152.8





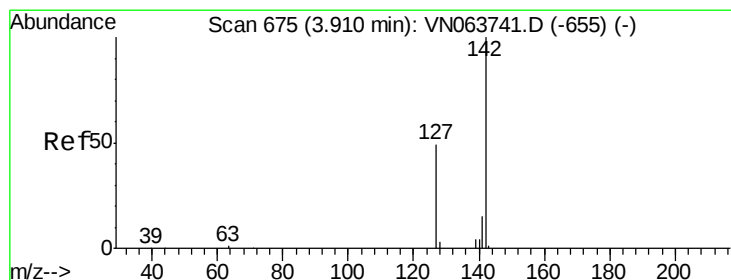
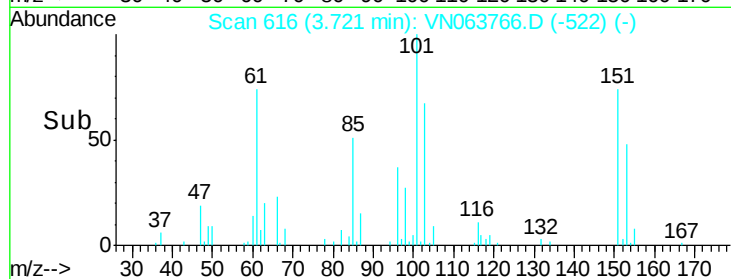
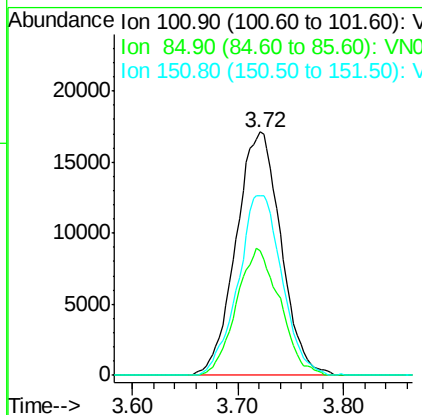
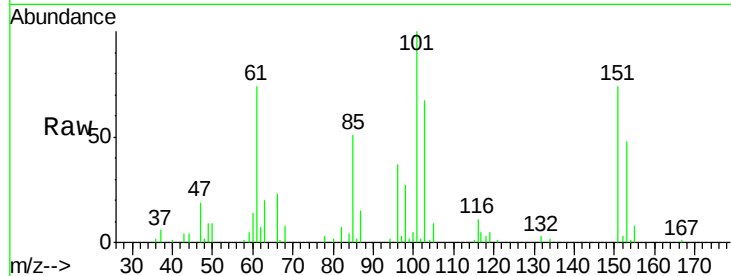
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.126 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
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 ClientSampleId :
 VN1001WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	50655		
85	50.5	38.6	58.0	
151	72.3	58.7	88.1	

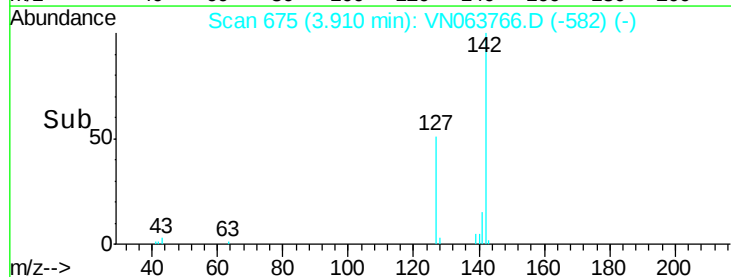
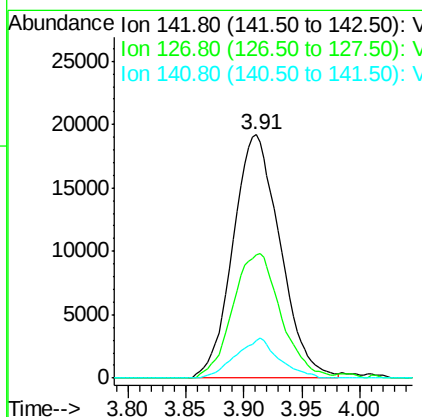
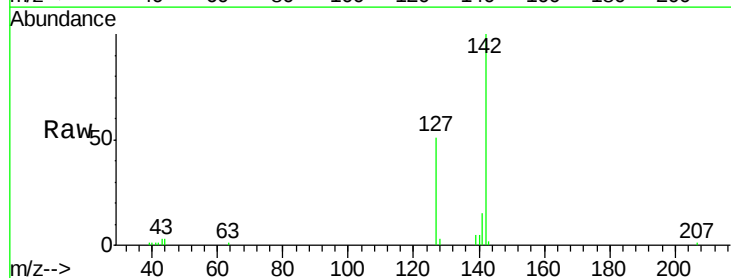
Manual Integrations
 APPROVED

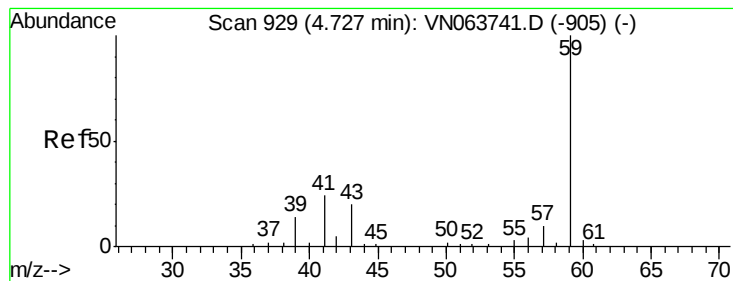
MMDadoda
 10/2/2020 3:11:16 PM



#10
 Methyl Iodide
 Concen: 17.635 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	54231		
127	52.2	40.5	60.7	
141	14.9	11.7	17.5	





#11

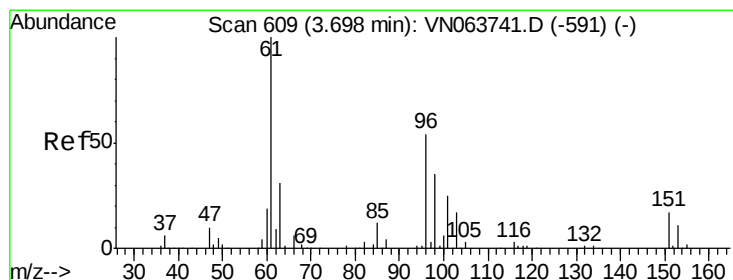
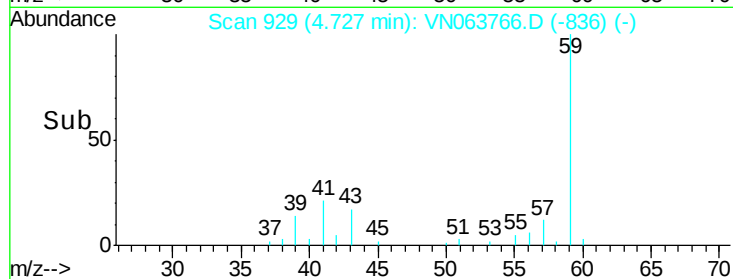
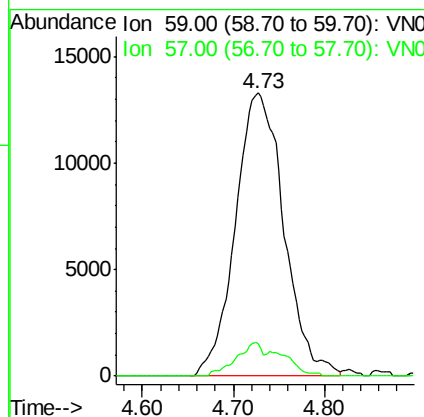
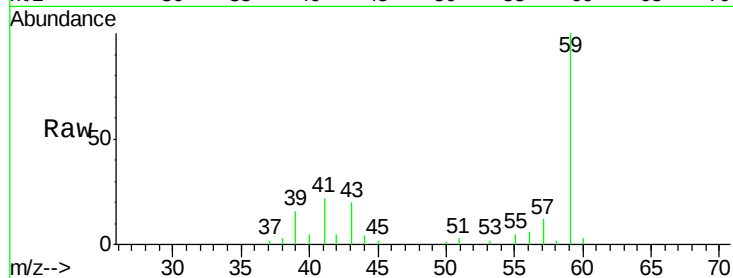
Tert butyl alcohol
Concen: 107.097 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion: 59 Resp: 49108
Ion Ratio Lower Upper
59 100
57 6.5 8.7 13.1#

Manual Integrations
APPROVED

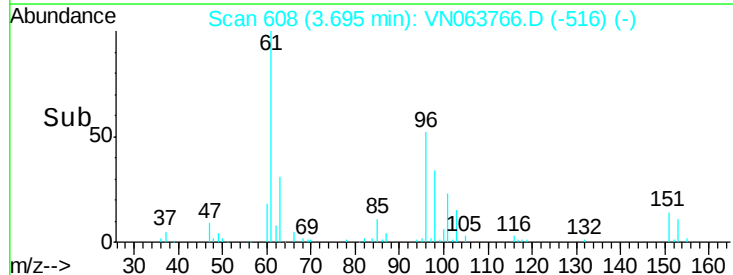
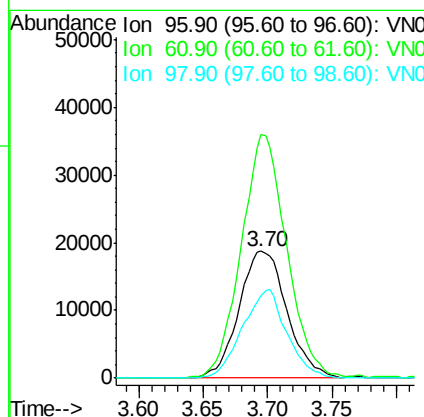
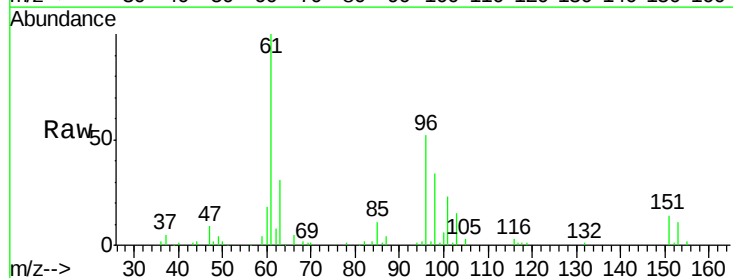
MMDadoda
10/2/2020 3:11:16 PM

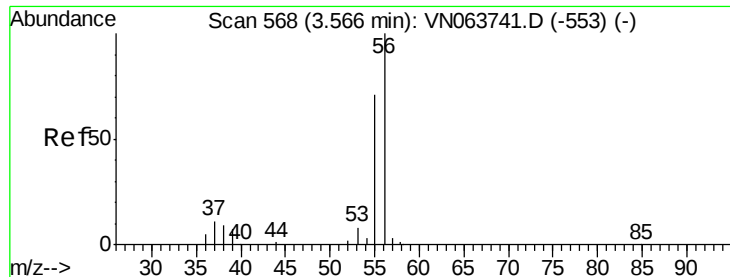


#12

1,1-Dichloroethene
Concen: 19.219 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 96 Resp: 48654
Ion Ratio Lower Upper
96 100
61 190.9 147.7 221.5
98 64.4 51.9 77.9





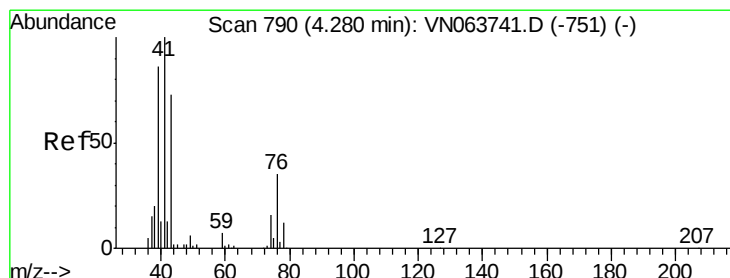
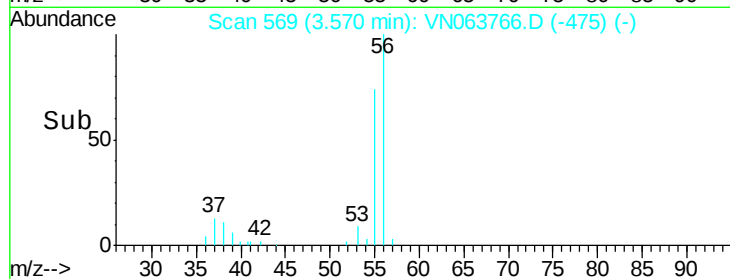
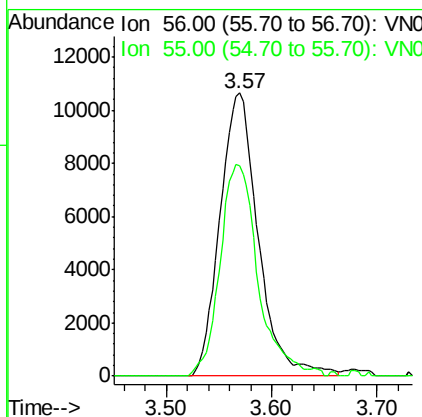
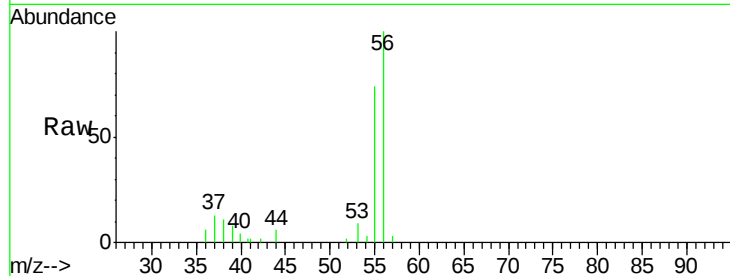
#13
Acrolein
Concen: 95.230 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	56	Resp	26800
Ion Ratio	100	Lower	Upper
55	73.7	56.9	85.3

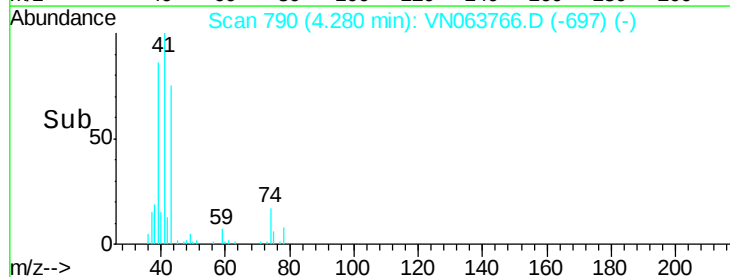
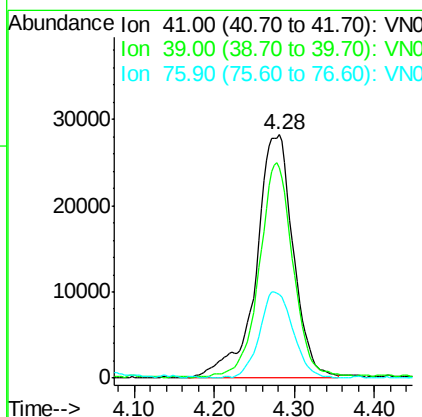
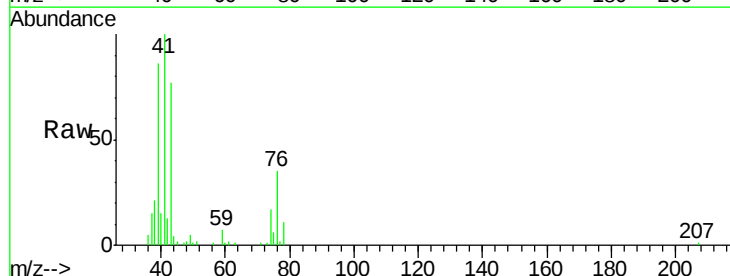
Manual Integrations
APPROVED

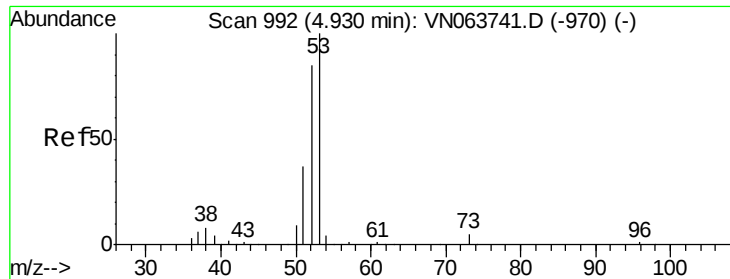
MMDadoda
10/2/2020 3:11:16 PM



#14
Allyl chloride
Concen: 19.335 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	41	Resp	90934
Ion Ratio	100	Lower	Upper
39	81.3	64.5	96.7
76	31.9	25.9	38.9





#15

Acrylonitrile

Concen: 98.817 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

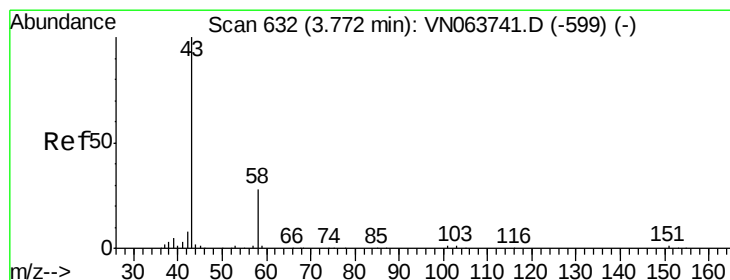
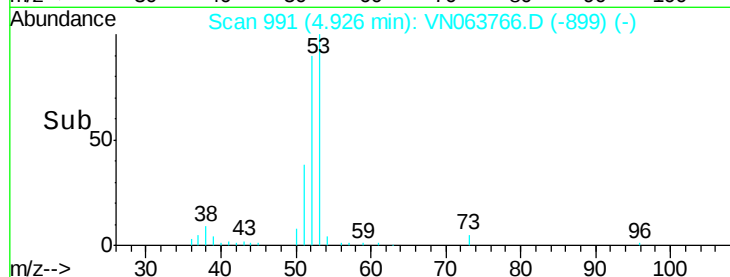
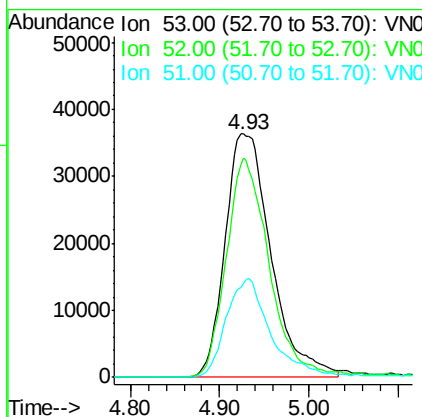
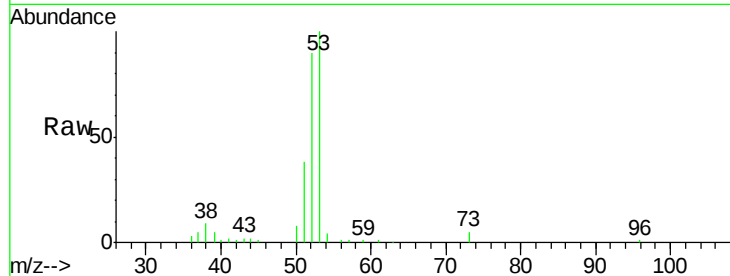
ClientSampleId :

VN1001WBSD01

Tot Ion:	53	Resp:	129700
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	39.3	29.9	44.9

Manual Integrations
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MMDadoda
10/2/2020 3:11:16 PM



#16

Acetone

Concen: 100.238 ug/l

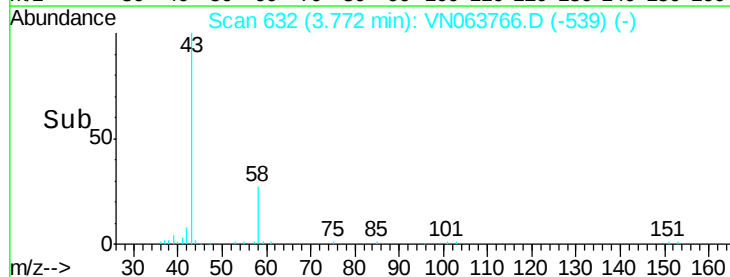
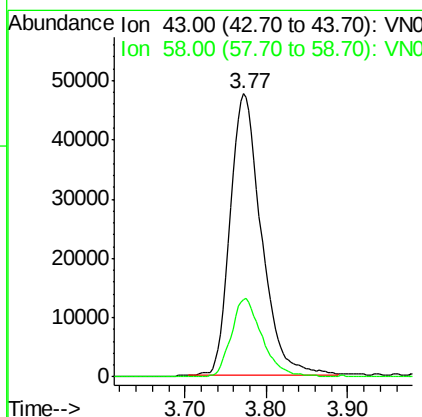
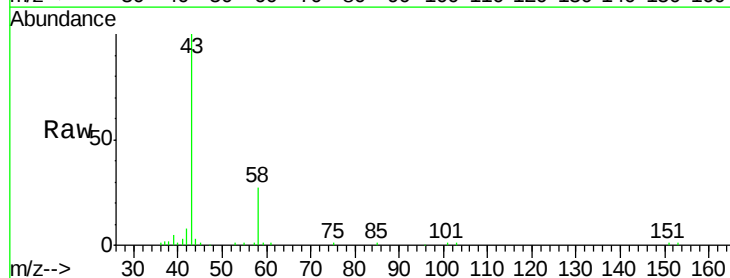
RT: 3.77 min Scan# 632

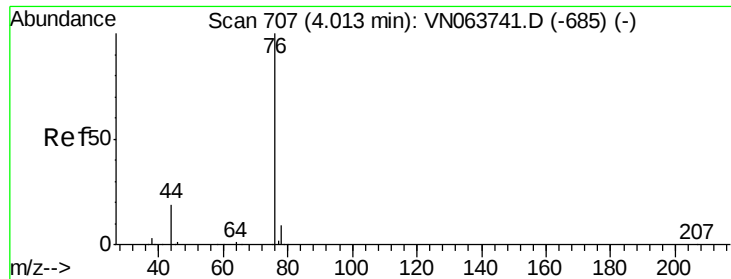
Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Tgt Ion:	43	Resp:	128156
Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.3	33.5





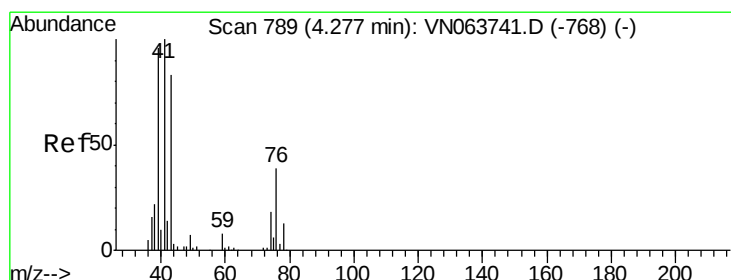
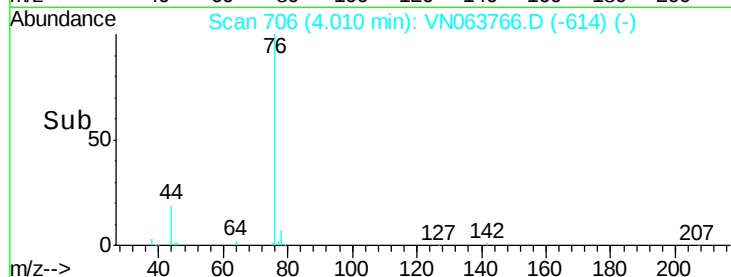
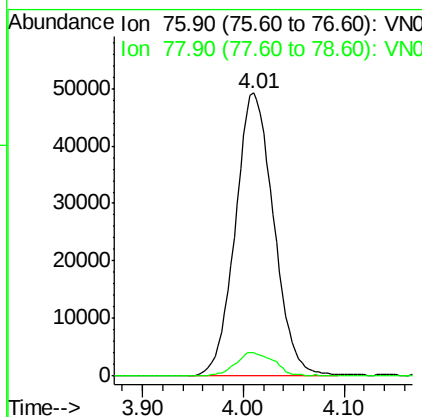
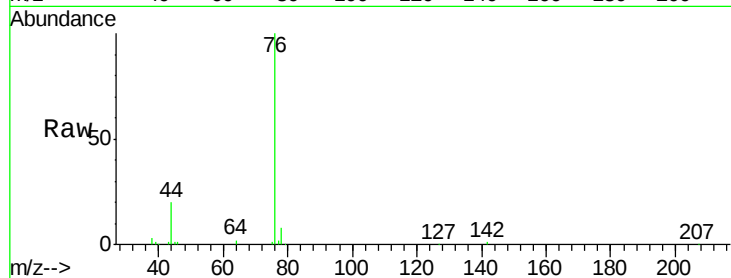
#17
Carbon Disulfide
Concen: 19.425 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

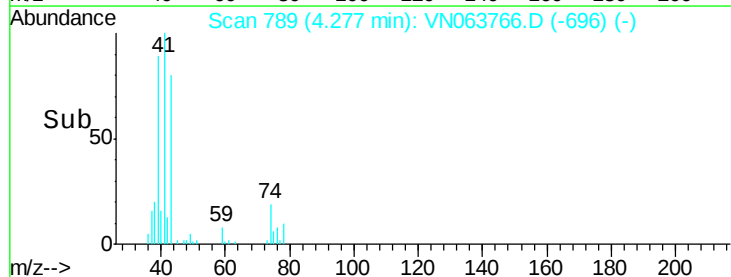
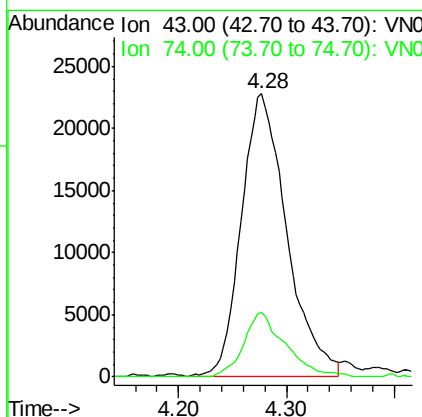
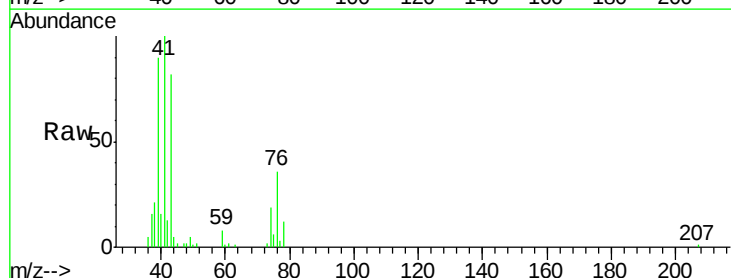
Manual Integrations
APPROVED

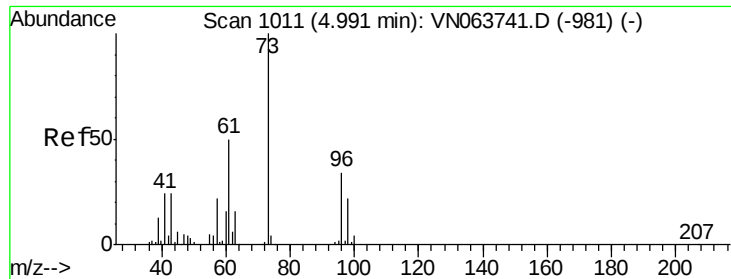
MMDadoda
10/2/2020 3:11:16 PM



#18
Methyl Acetate
Concen: 20.138 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	17.4	26.2





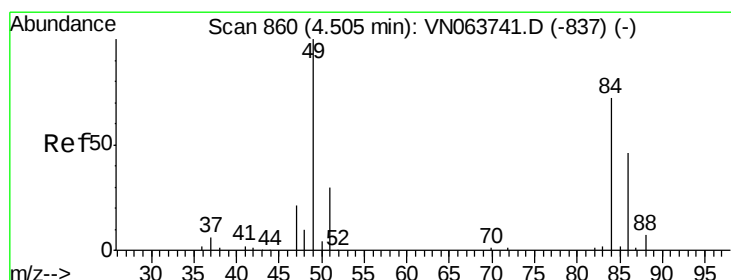
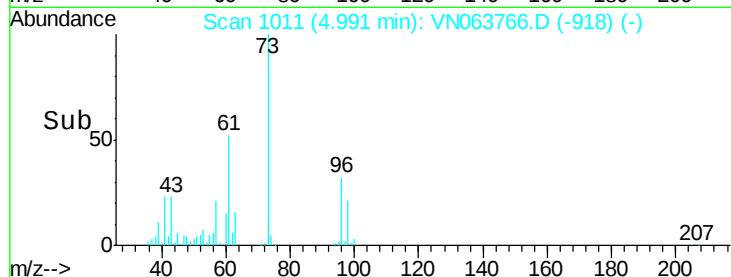
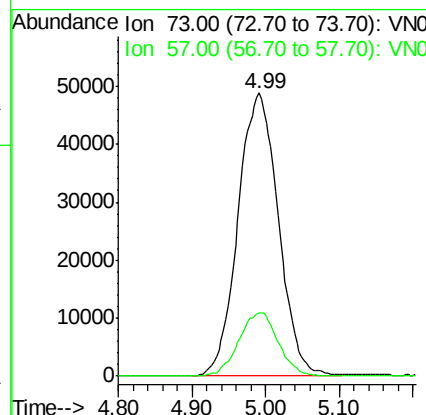
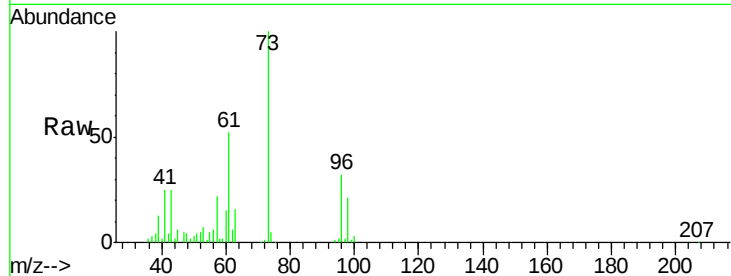
#19
Methvl tert-butvl Ether
Concen: 20.199 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion: 73 Resp: 185778
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

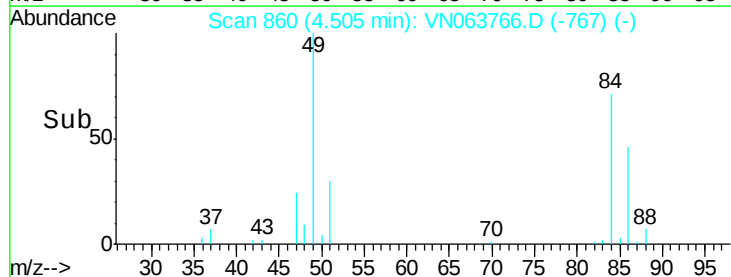
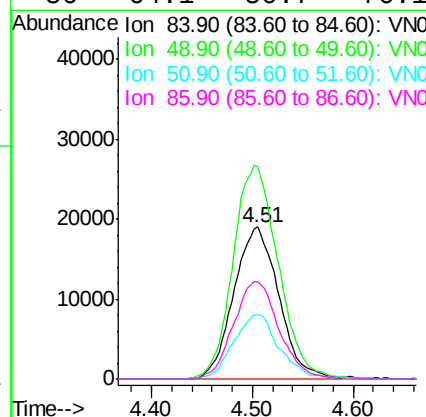
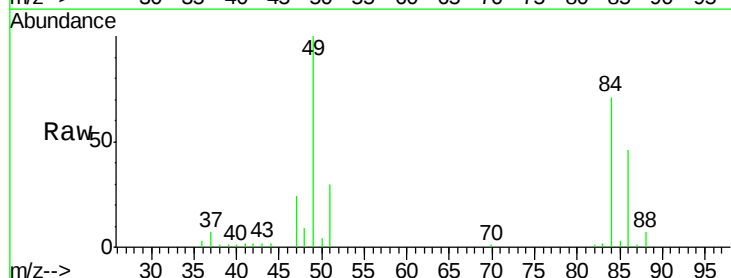
Manual Integrations
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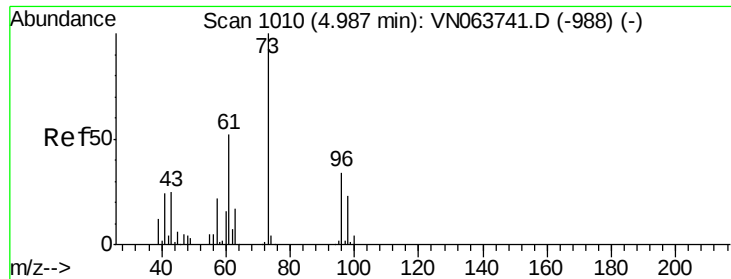
MMDadoda
10/2/2020 3:11:16 PM



#20
Methylene Chloride
Concen: 20.202 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 84 Resp: 58988
Ion Ratio Lower Upper
84 100
49 138.8 110.4 165.6
51 42.4 33.3 49.9
86 64.1 50.7 76.1





#21

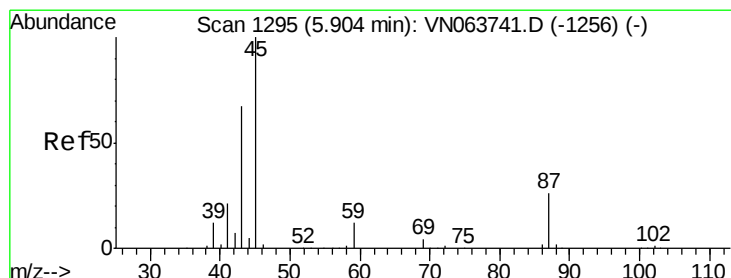
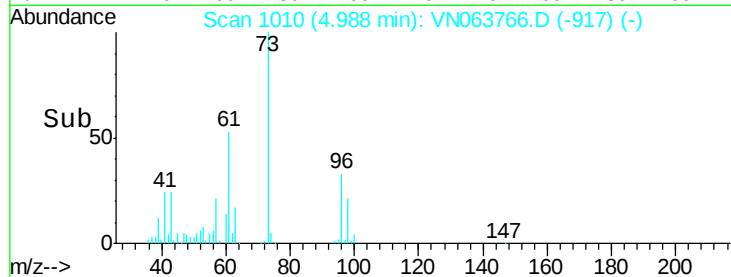
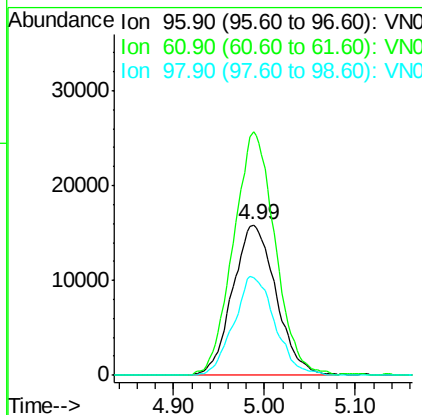
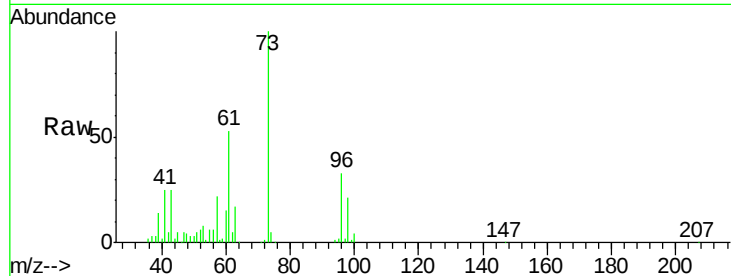
trans-1,2-Dichloroethene
Concen: 18.511 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampled :
VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.9	120.2	180.2
98	65.2	52.6	79.0

Manual Integrations
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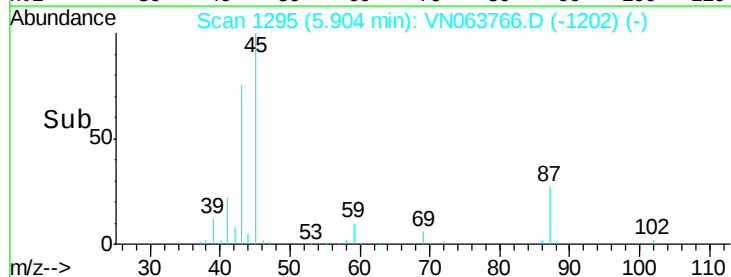
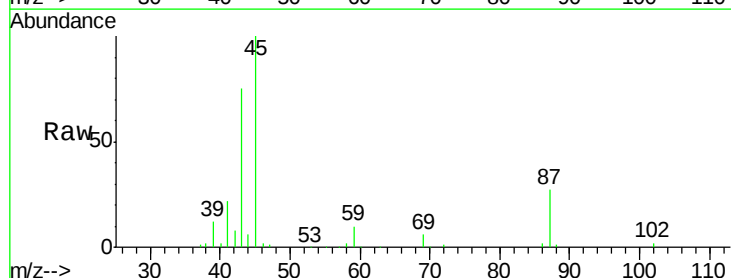
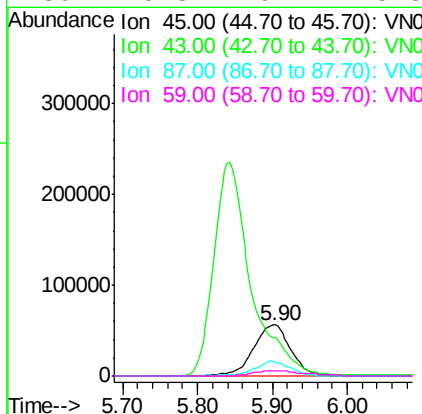
MMDadoda
10/2/2020 3:11:16 PM

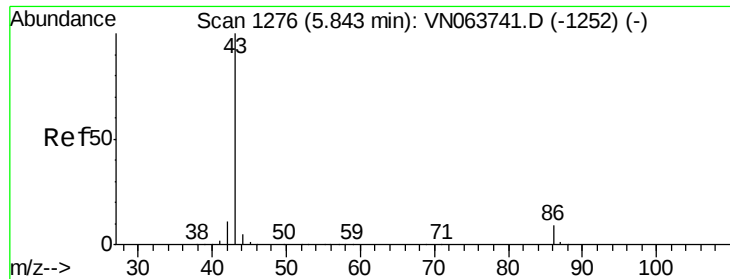


#22

Diisopropyl ether
Concen: 20.081 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.2	53.7	80.5
87	26.8	21.1	31.7
59	9.8	9.2	13.8





#23

Vinyl Acetate

Concen: 101.285 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

Tot Ion: 43 Resp: 811847

Ion Ratio Lower Upper

43 100

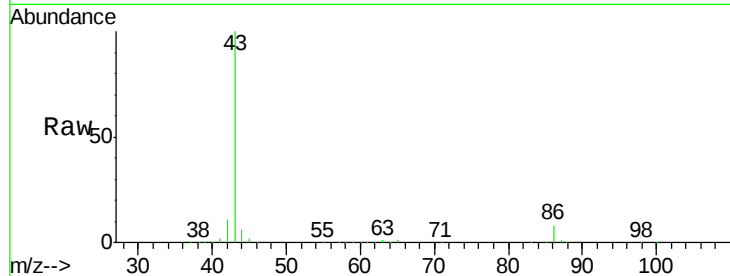
86 8.3 7.3 10.9

Manual Integrations

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10/2/2020 3:11:16 PM



Abundance Ion 43.00 (42.70 to 43.70): VN063766.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN063766.D (-1183) (-)

5.84

250000

200000

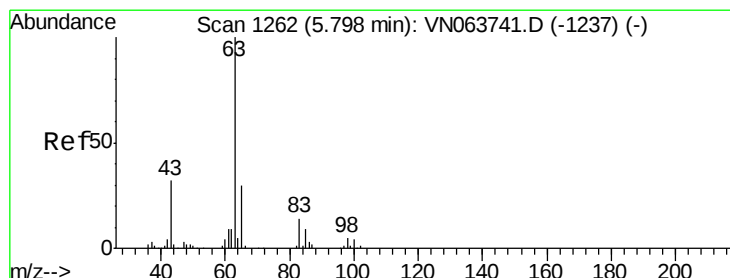
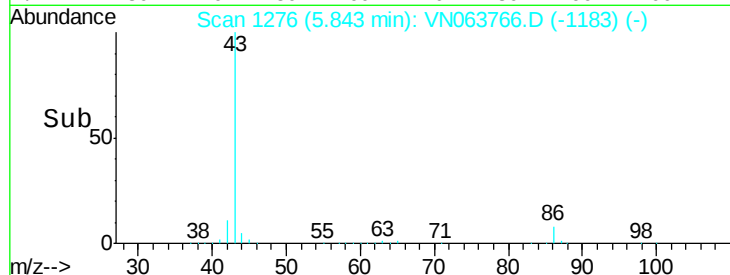
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.390 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

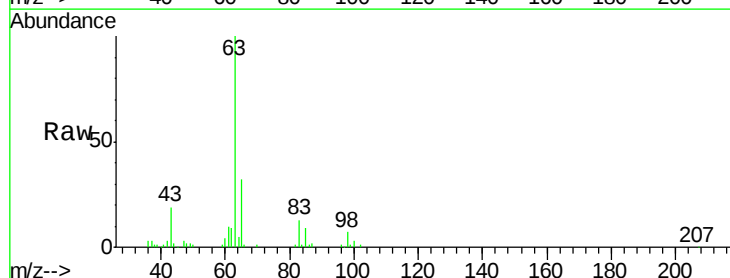
Tgt Ion: 63 Resp: 107277

Ion Ratio Lower Upper

63 100

98 7.0 2.7 8.1

100 3.4 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN063766.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN063766.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN063766.D (-1169) (-)

5.79

40000

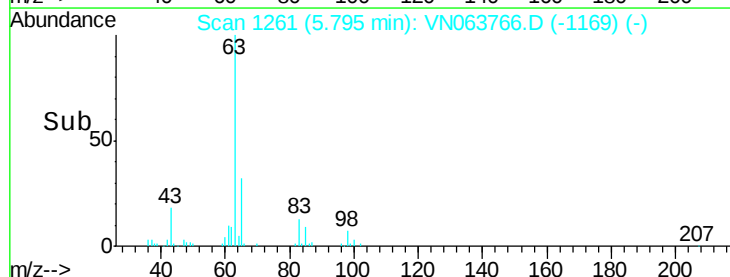
30000

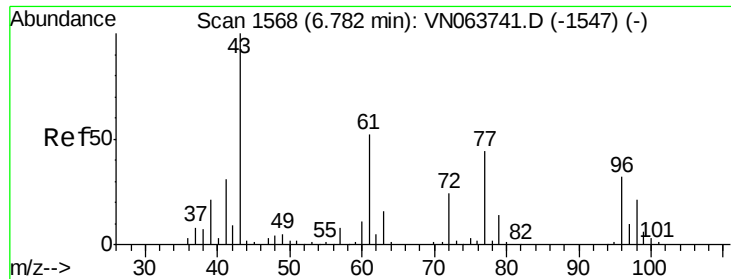
20000

10000

0

Time-->





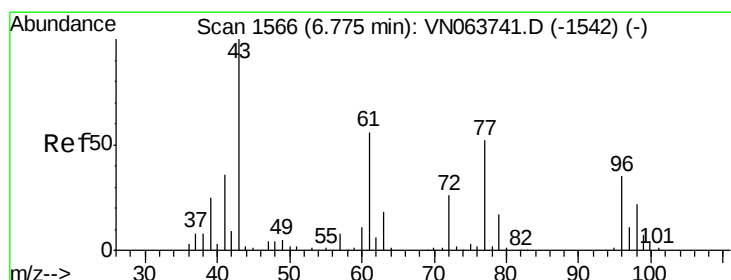
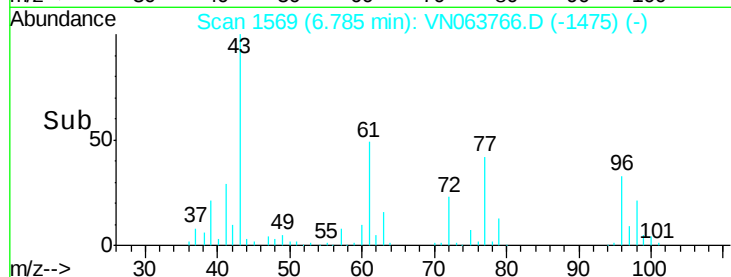
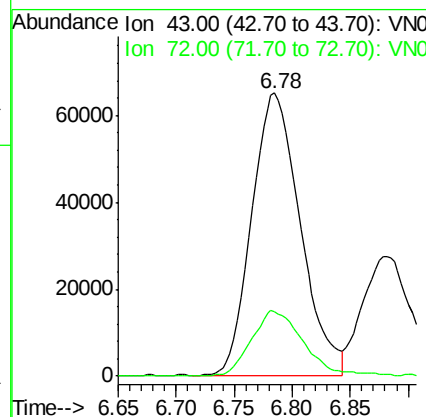
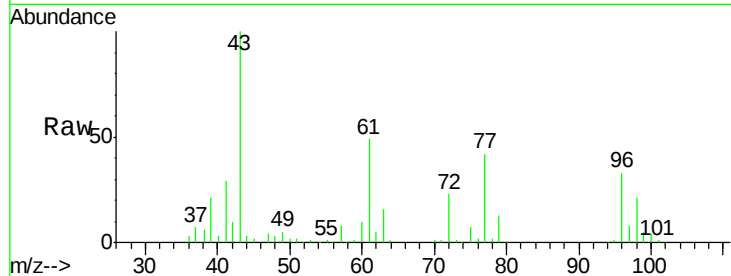
#25
2-Butanone
Concen: 104.409 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampled :
VN1001WBSD01

Tot Ion: 43 Resp: 189253
Ion Ratio Lower Upper
43 100
72 22.7 19.3 28.9

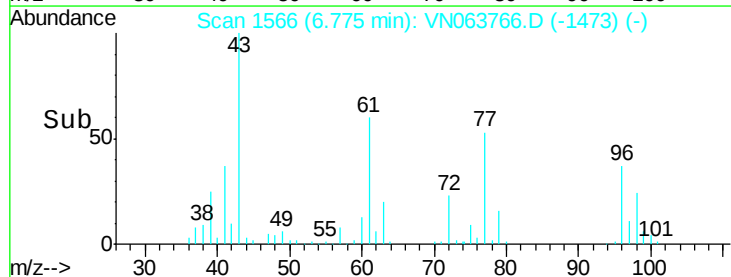
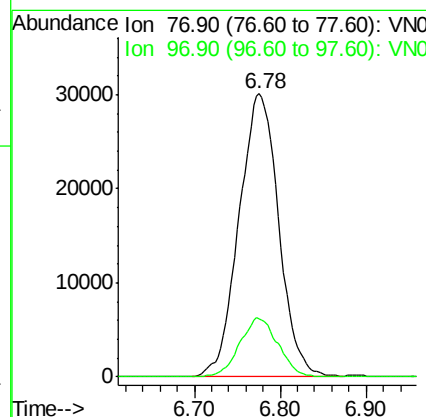
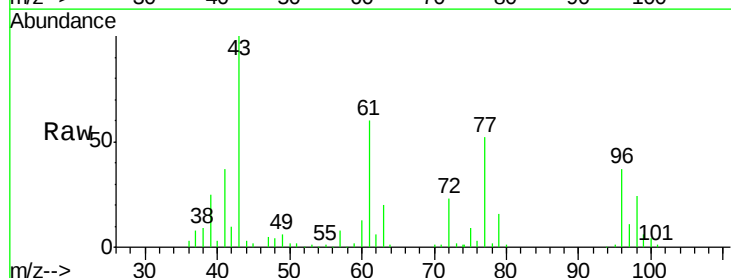
Manual Integrations
APPROVED

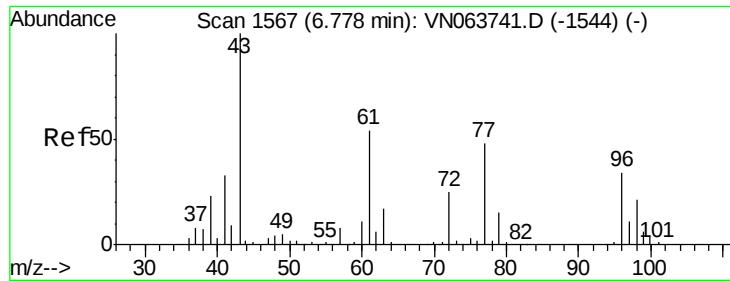
MMDadoda
10/2/2020 3:11:16 PM



#26
2,2-Dichloropropane
Concen: 19.092 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 77 Resp: 96733
Ion Ratio Lower Upper
77 100
97 20.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.659 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

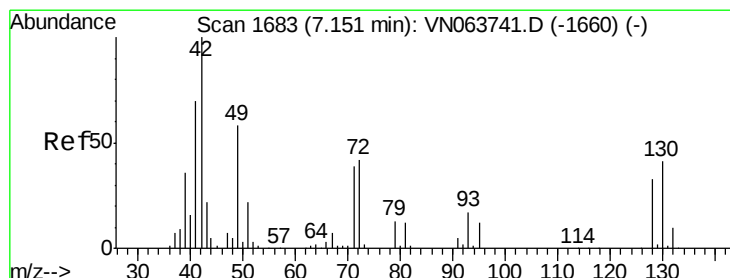
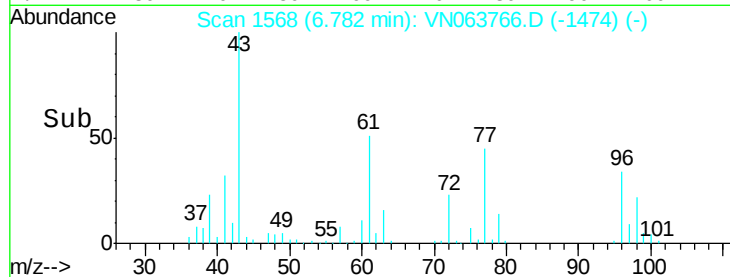
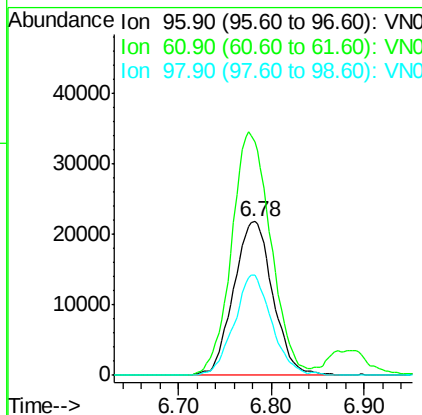
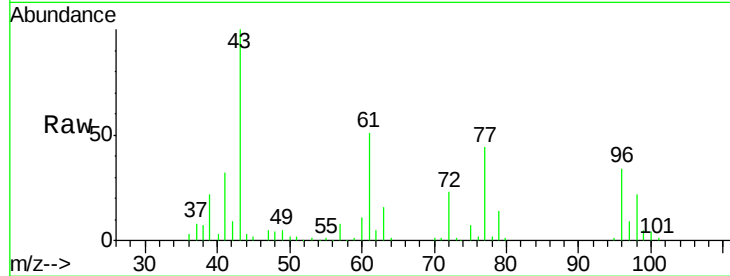
ClientSampleId :

VN1001WBSD01

Tot Ion:	96	Resp:	64111
Ion	Ratio	Lower	Upper
96	100		
61	157.9	0.0	321.2
98	62.7	0.0	124.4

Manual Integrations
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10/2/2020 3:11:16 PM



#28

Bromochloromethane

Concen: 23.236 ug/l

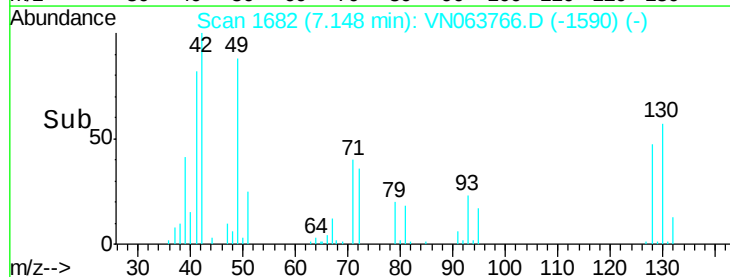
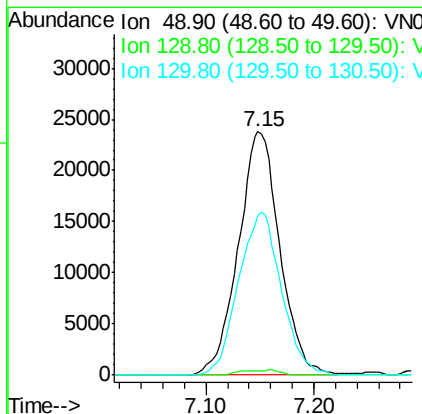
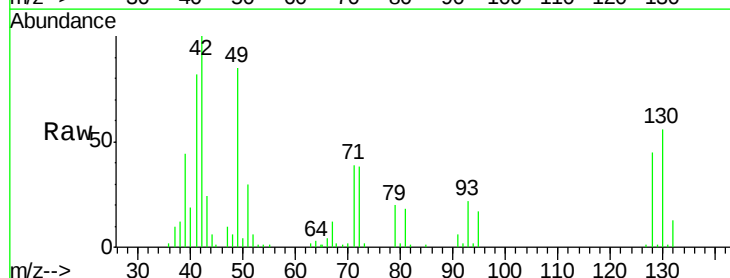
RT: 7.15 min Scan# 1682

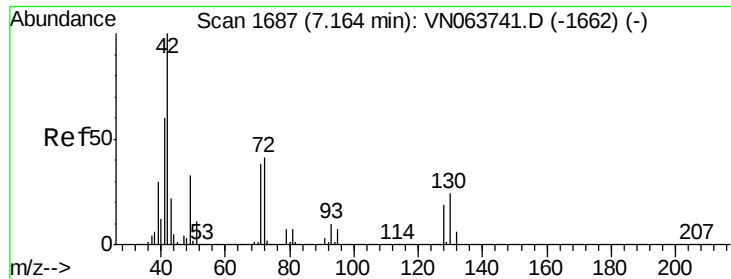
Delta R.T. -0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Tgt Ion:	49	Resp:	63539
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.8
130	69.0	55.6	83.4





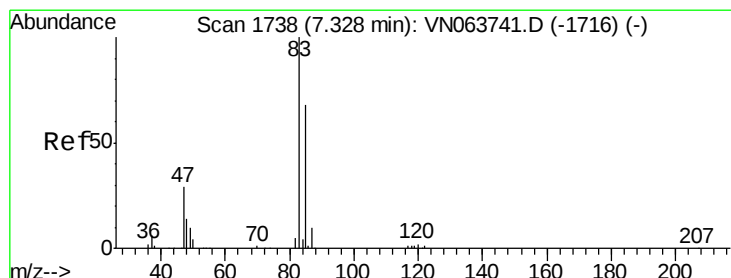
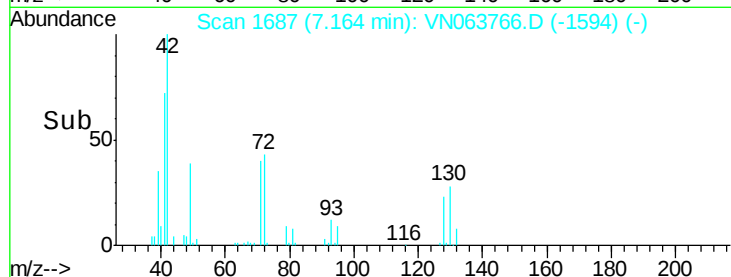
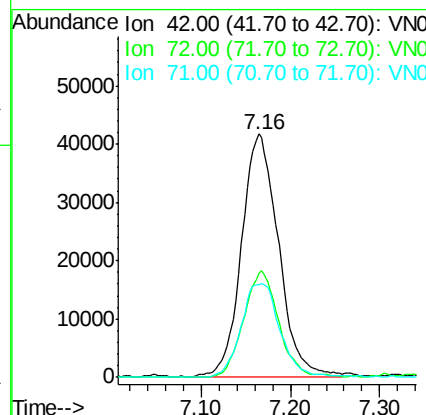
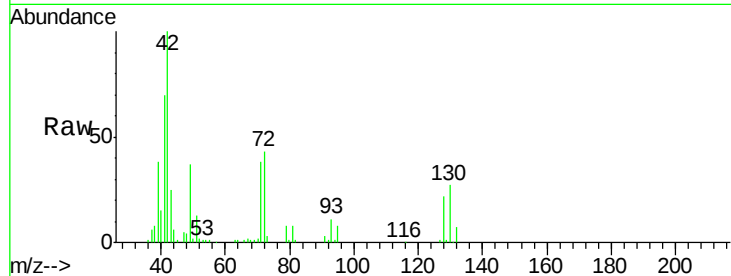
#29
Tetrahydrofuran
Concen: 99.137 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.8	49.2
71	40.2	30.6	45.8

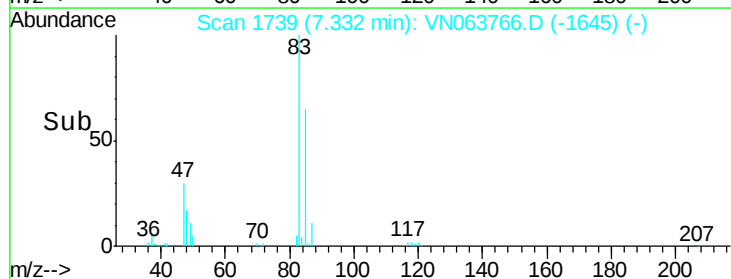
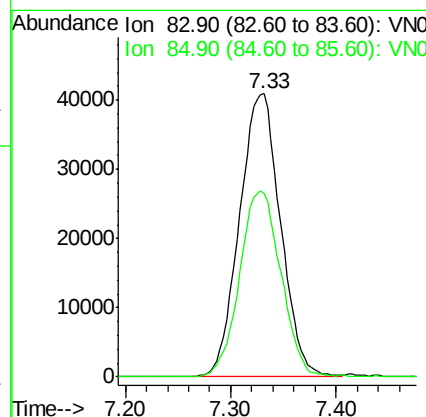
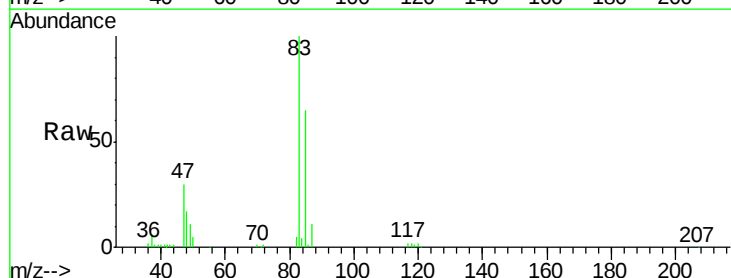
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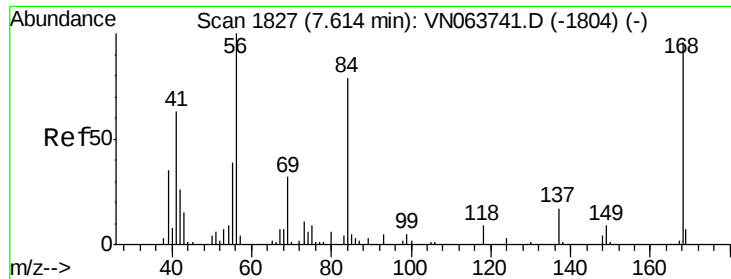
MMDadoda
10/2/2020 3:11:16 PM



#30
Chloroform
Concen: 19.205 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.6	82.0





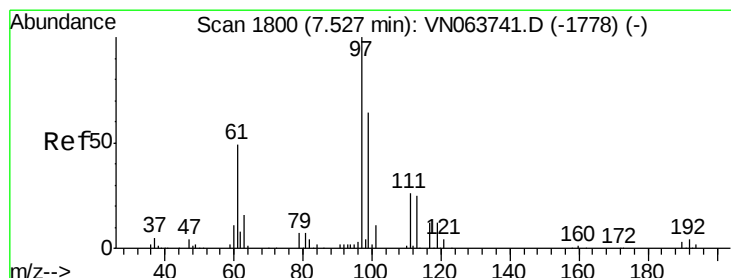
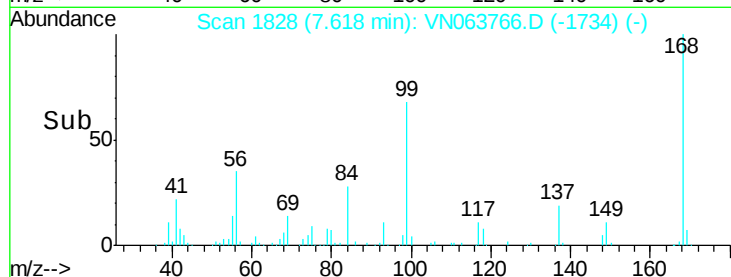
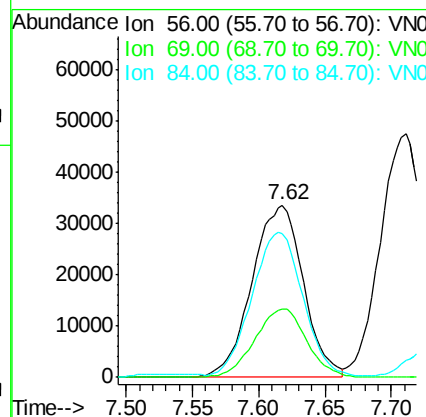
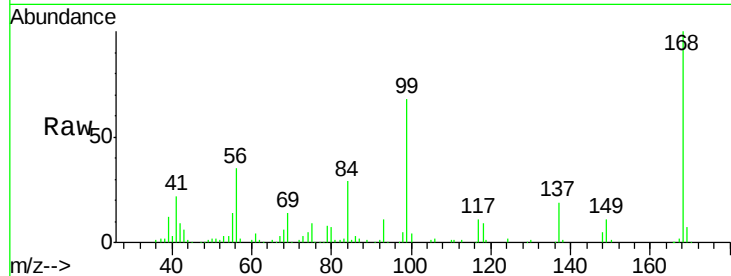
#31
Cyclohexane
Concen: 18.819 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	25.4	38.2#
84	81.8	63.3	94.9

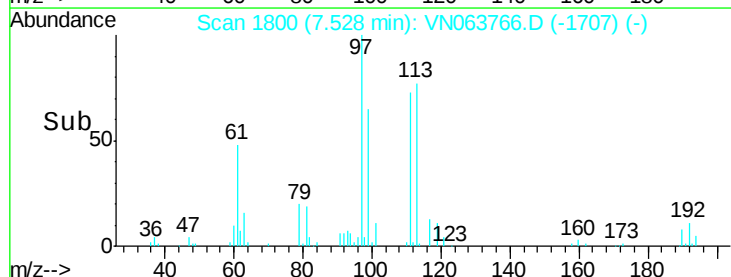
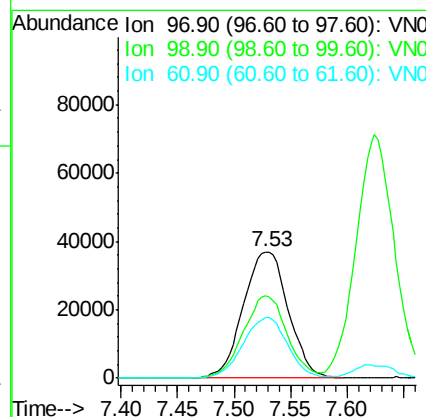
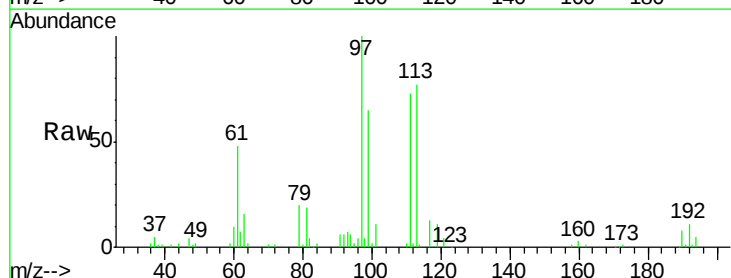
Manual Integrations
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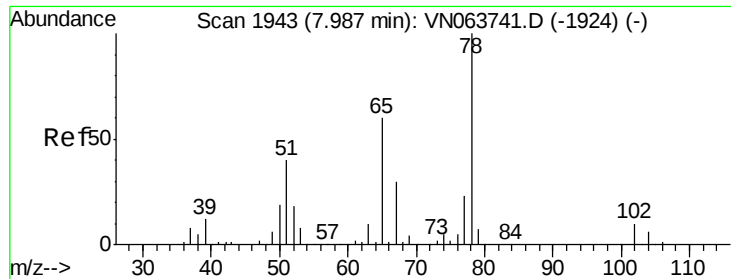
MMDadoda
10/2/2020 3:11:16 PM



#32
1,1,1-Trichloroethane
Concen: 19.701 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.6
61	47.4	38.7	58.1





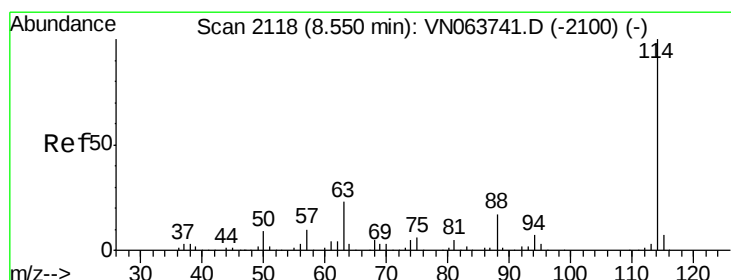
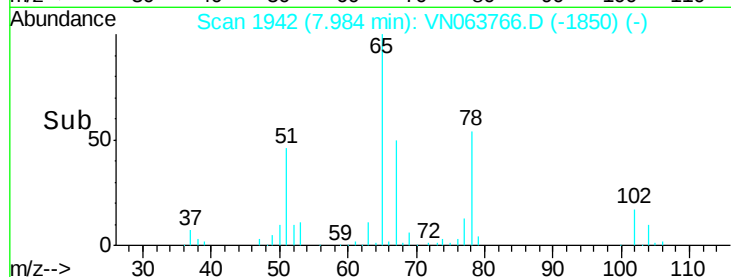
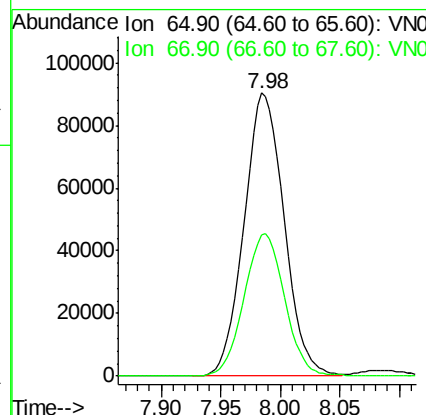
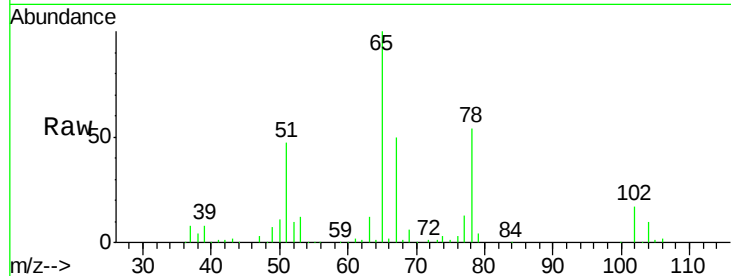
#33
 1,2-Dichloroethane-d4
 Concen: 50.823 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN1001WBSD01

Tot Ion: 65 Resp: 211082
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.6

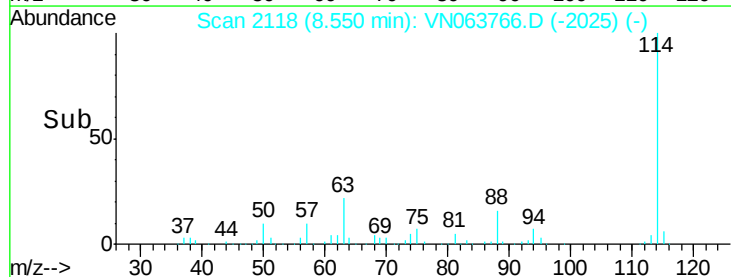
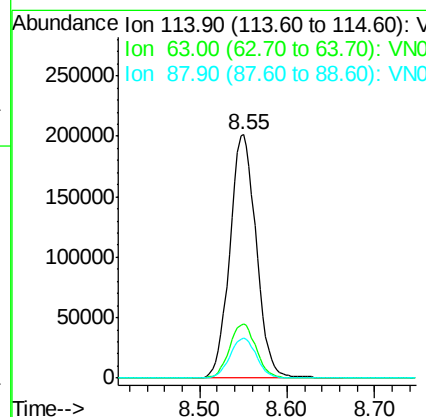
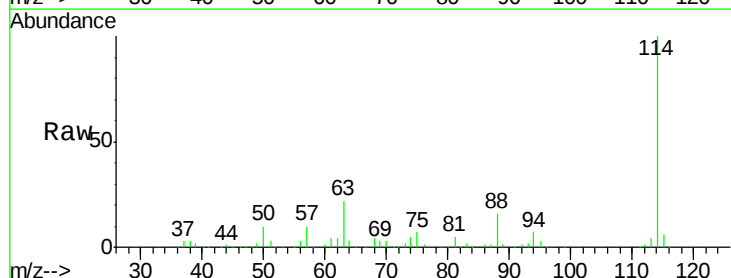
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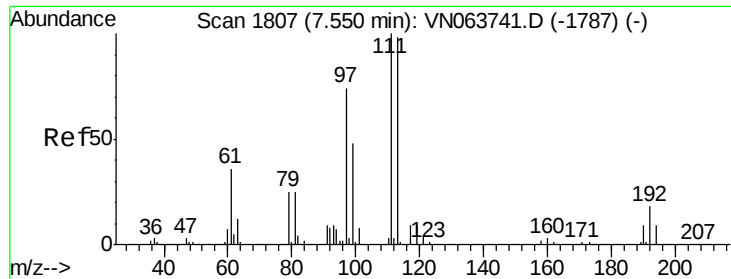
MMDadoda
 10/2/2020 3:11:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 114 Resp: 422050
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 16.2 0.0 34.0





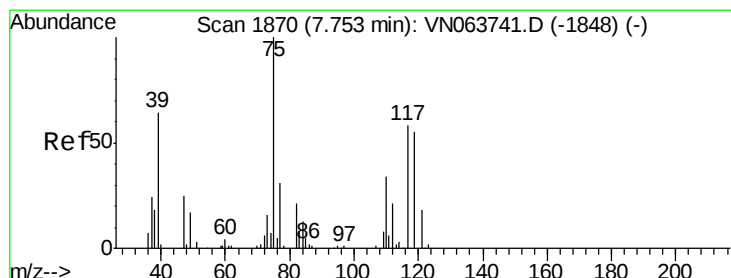
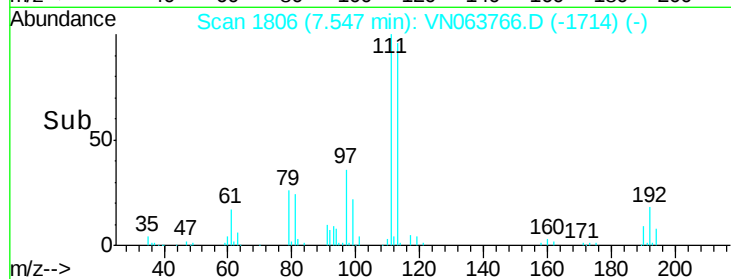
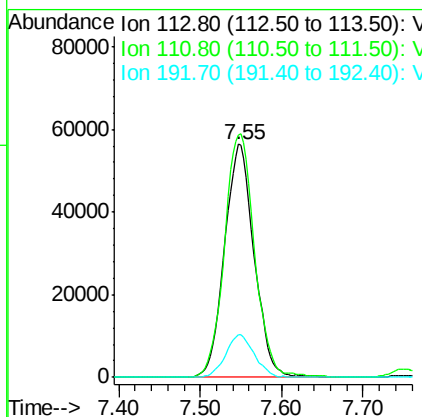
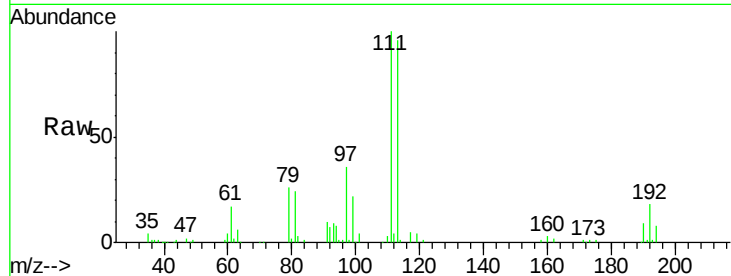
#35
 Dibromofluoromethane
 Concen: 49.214 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN1001WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144124		
111	105.3	81.8	122.8	
192	17.8	14.2	21.2	

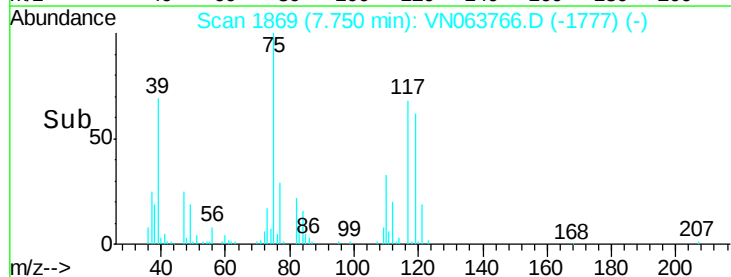
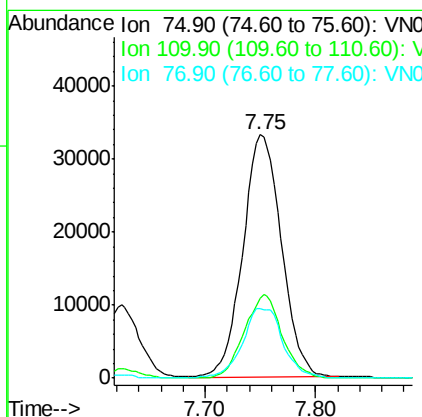
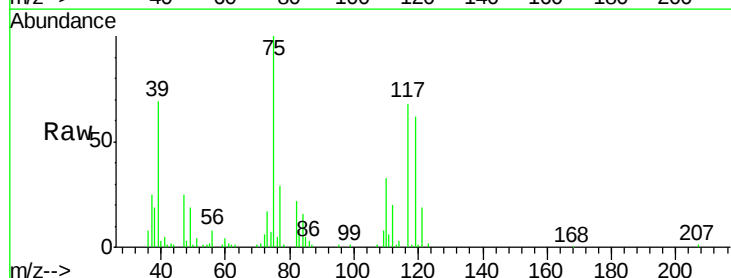
Manual Integrations
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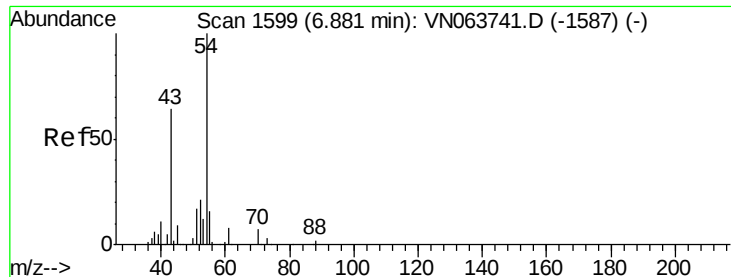
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#36
 1,1-Dichloropropene
 Concen: 18.860 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80641		
110	33.5	16.9	50.6	
77	30.2	24.5	36.7	





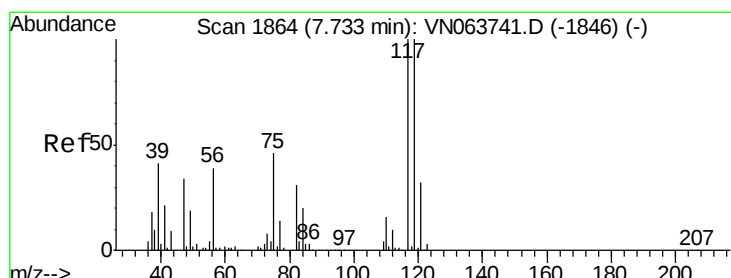
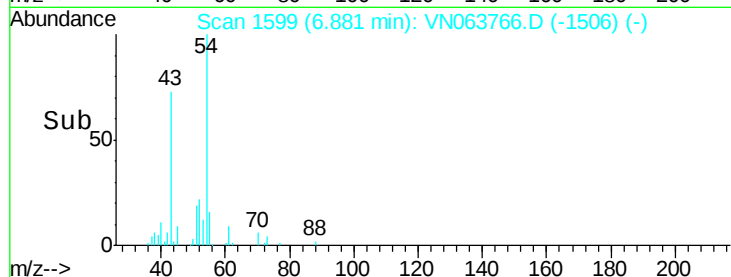
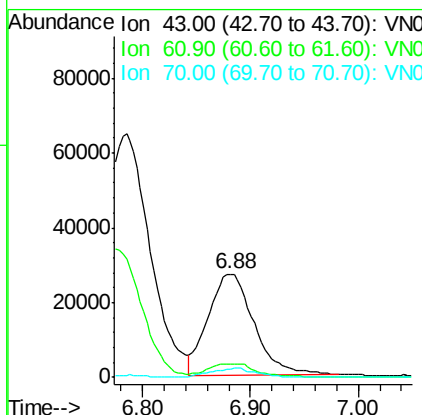
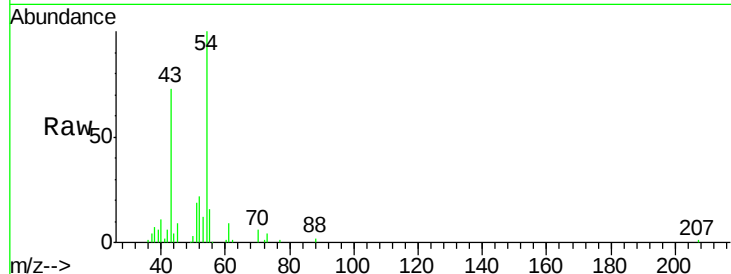
#37
Ethyl Acetate
Concen: 19.101 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	43	61	70
Resp	81141		
Ratio	100	12.4	8.7
Lower		10.4	7.3
Upper		15.6	10.9

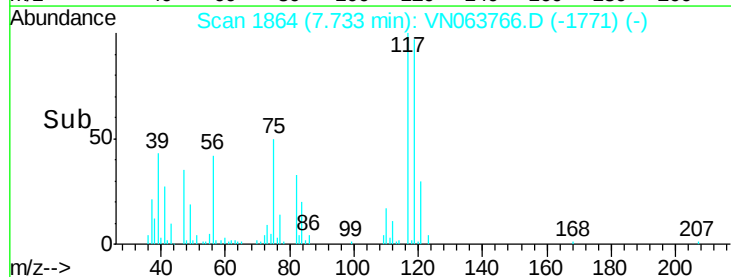
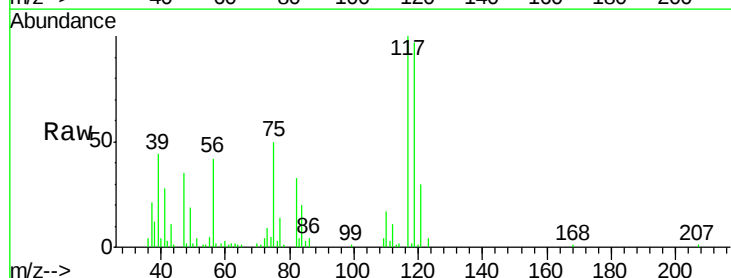
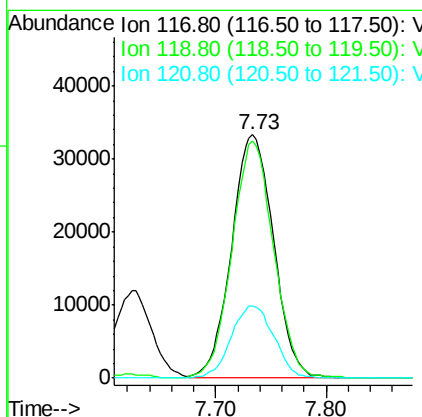
Manual Integrations
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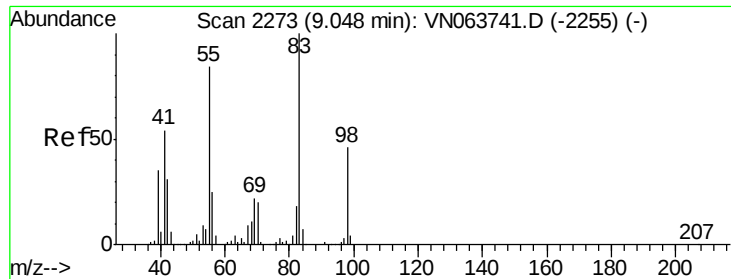
MMDadoda
10/2/2020 3:11:16 PM



#38
Carbon Tetrachloride
Concen: 18.355 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	117	119	121
Resp	88003		
Ratio	100	96.6	29.8
Lower		80.1	25.7
Upper		120.1	38.5





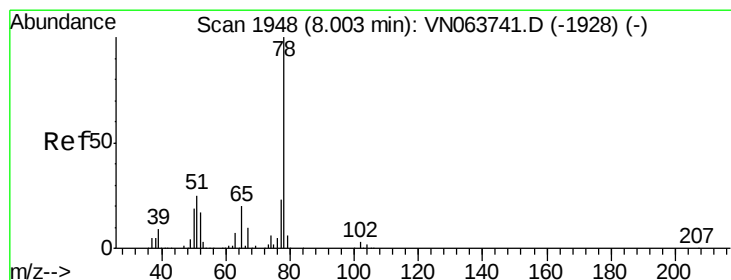
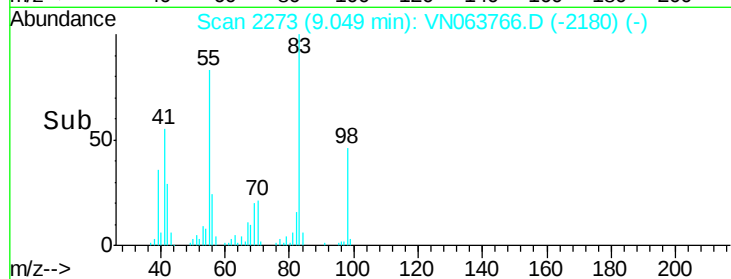
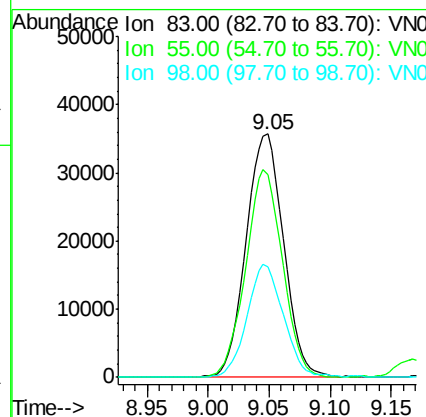
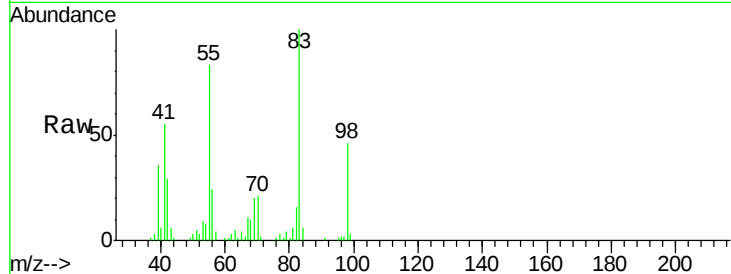
#39
Methvlcvclohexane
Concen: 17.804 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.1	67.1	100.7
98	45.5	36.6	54.8

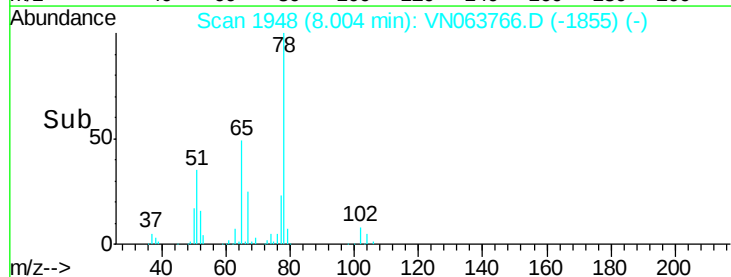
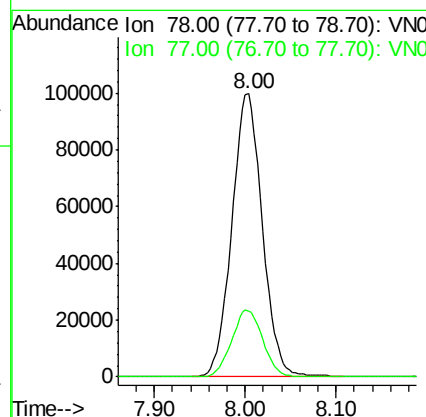
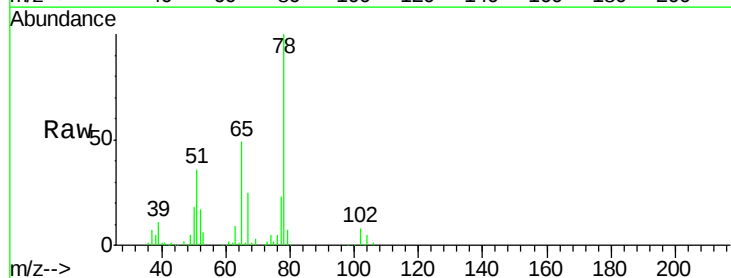
Manual Integrations
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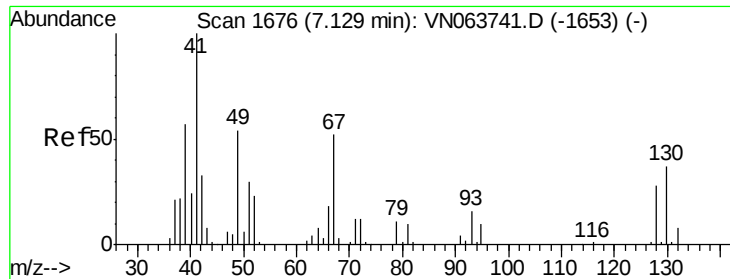
MMDadoda
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#40
Benzene
Concen: 18.992 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





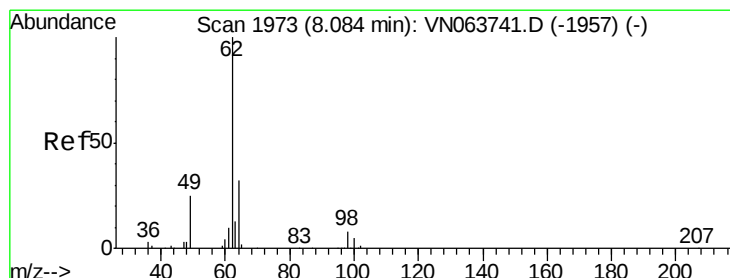
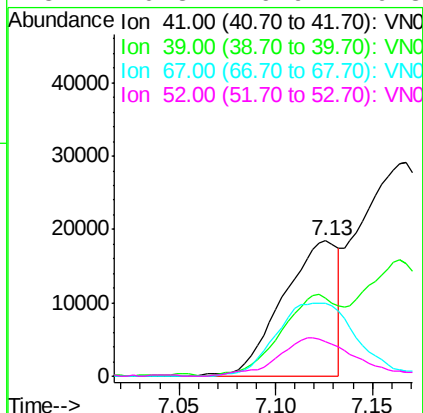
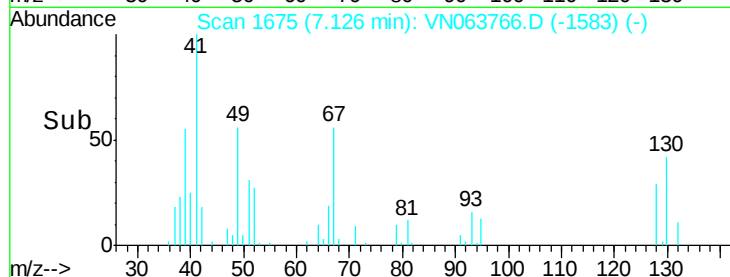
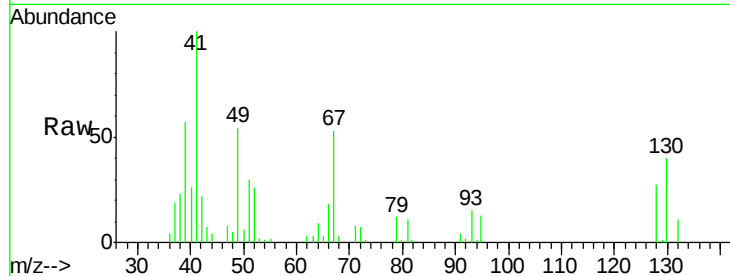
#41
Methacrylonitrile
Concen: 19.388 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	41	Resp	36605
Ion Ratio	Lower	Upper	
41	100		
39	64.8	42.5	63.7#
67	80.9	57.4	86.2
52	40.3	26.9	40.3

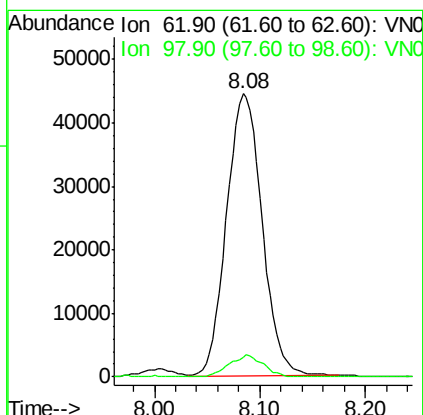
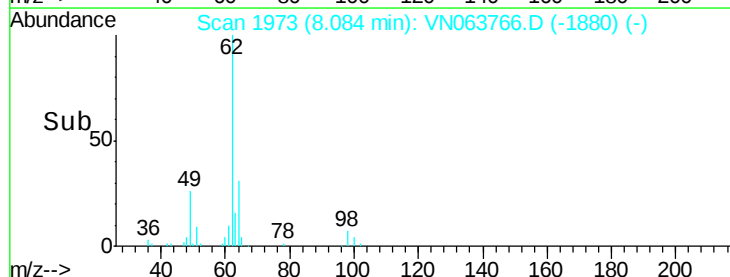
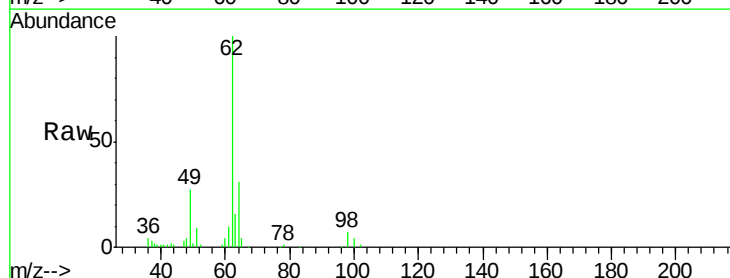
Manual Integrations
APPROVED

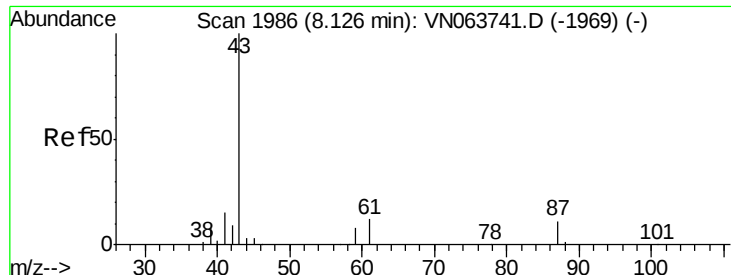
MMDadoda
10/2/2020 3:11:16 PM



#42
1,2-Dichloroethane
Concen: 19.942 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	62	Resp	103961
Ion Ratio	Lower	Upper	
62	100		
98	7.3	0.0	15.0





#43

Isopropyl Acetate

Concen: 19.763 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

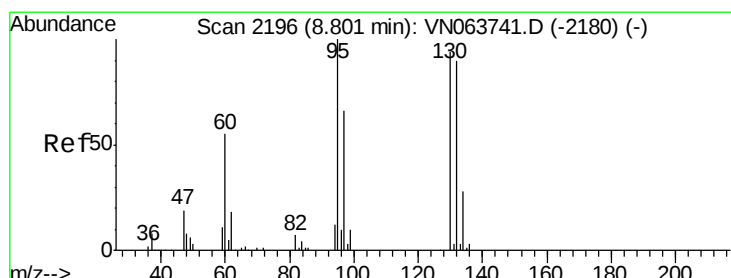
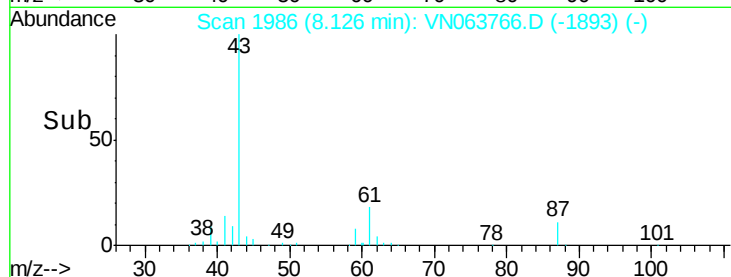
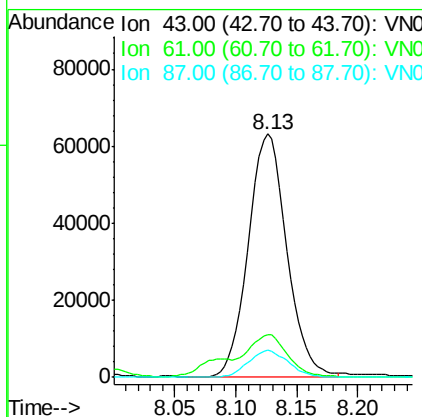
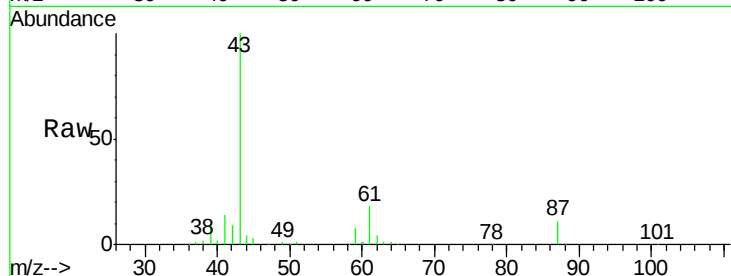
ClientSampleId :

VN1001WBSD01

Tot Ion:	43	Resp:	138477
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.2	21.4
87	11.5	9.0	13.6

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#44

Trichloroethene

Concen: 18.345 ug/l

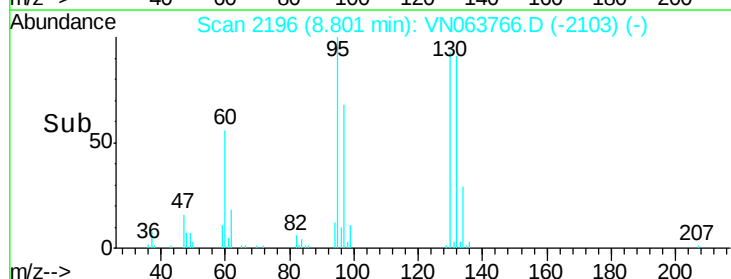
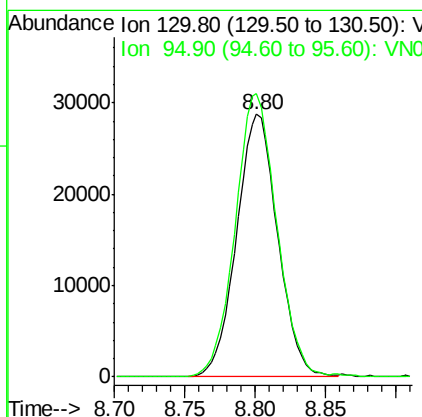
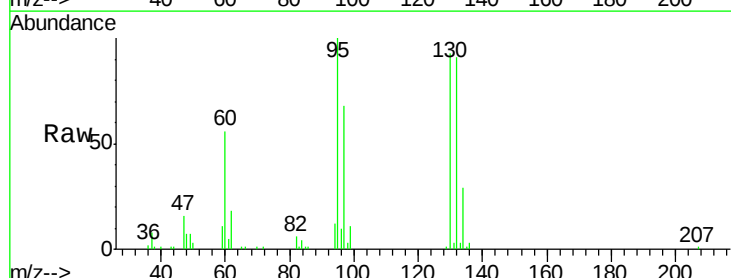
RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Tgt Ion:	130	Resp:	58702
Ion	Ratio	Lower	Upper
130	100		
95	107.9	0.0	213.6





#45

1,2-Dichloropropane

Concen: 19.633 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

Tot Ion: 63 Resp: 64755

Ion Ratio Lower Upper

63 100

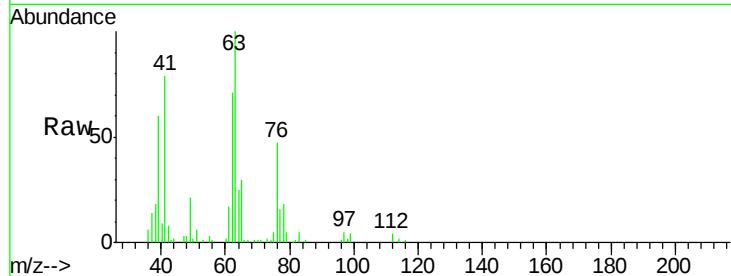
65 30.4 24.7 37.1

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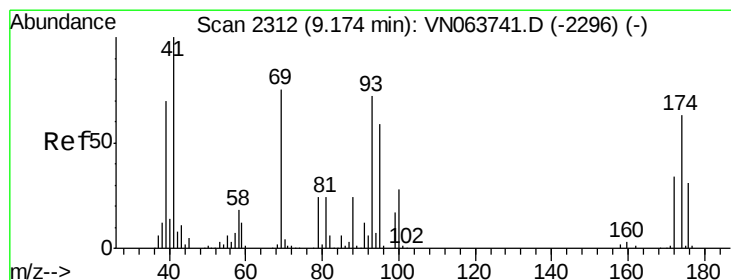
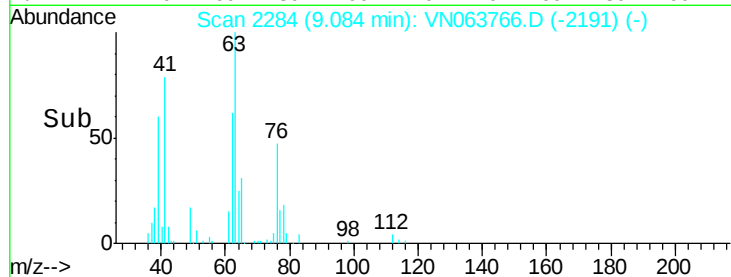
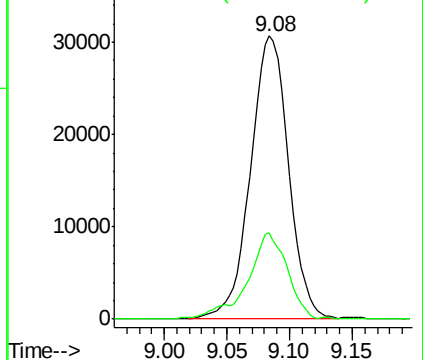
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.343 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

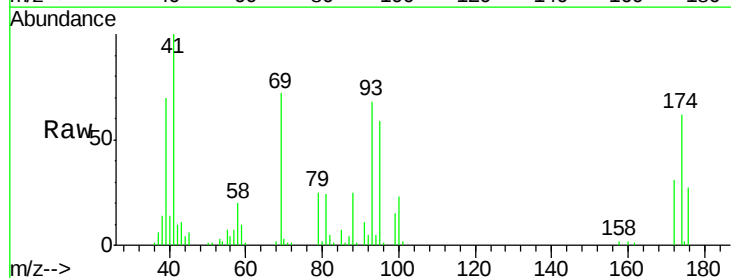
Tgt Ion: 93 Resp: 44012

Ion Ratio Lower Upper

93 100

95 83.9 66.3 99.5

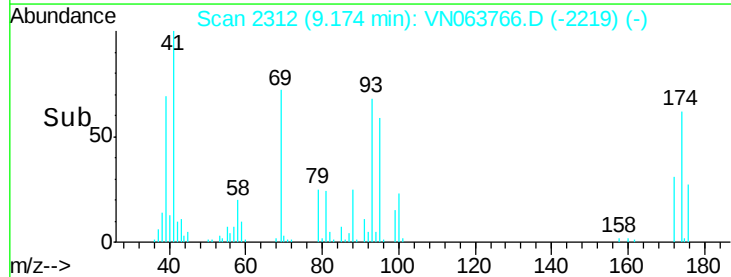
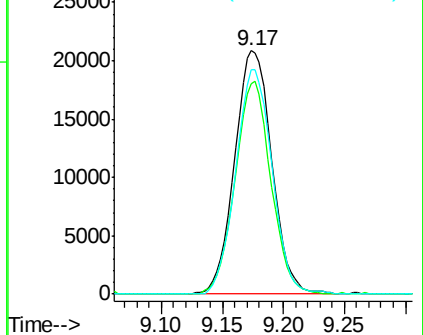
174 90.1 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





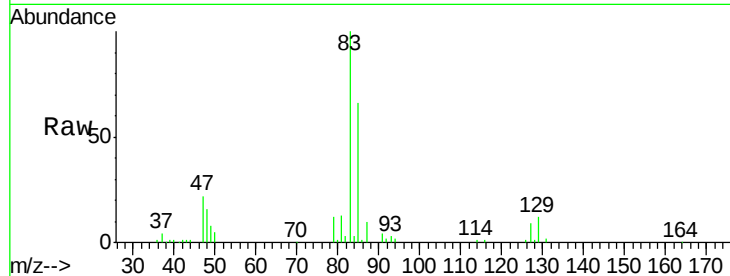
#47
Bromodichloromethane
Concen: 19.717 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

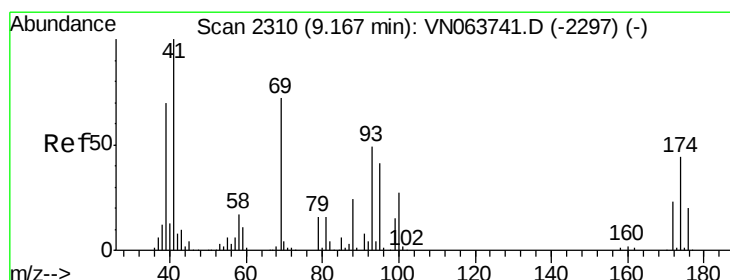
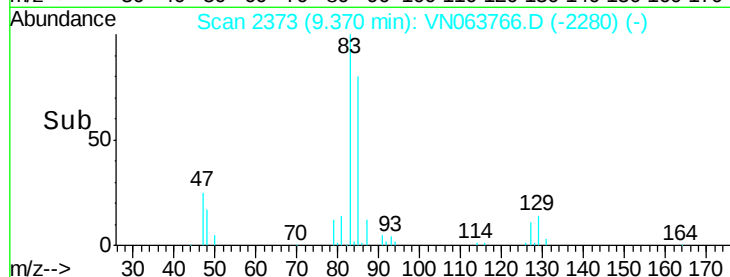
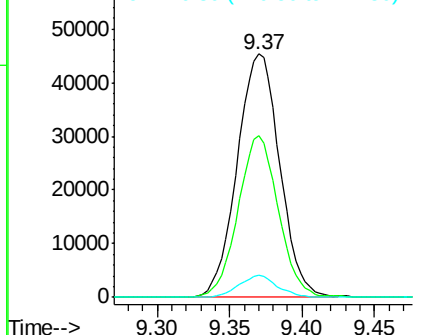
Tot Ion	83	Resp	92458
Ion Ratio	100	Lower	Upper
83	100		
85	66.4	50.6	75.8
127	9.1	6.6	9.8

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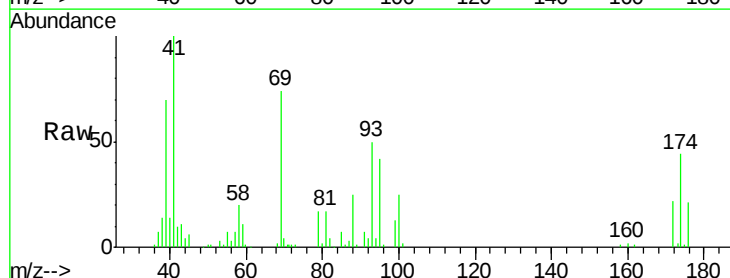


Abundance Ion 82.90 (82.60 to 83.60): VN063766.D (-2280) (-)

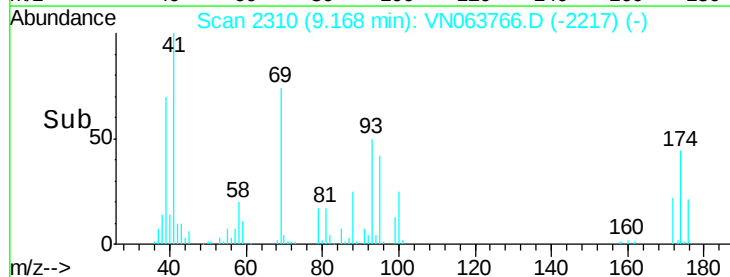
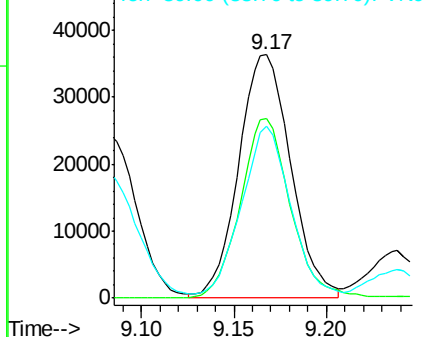


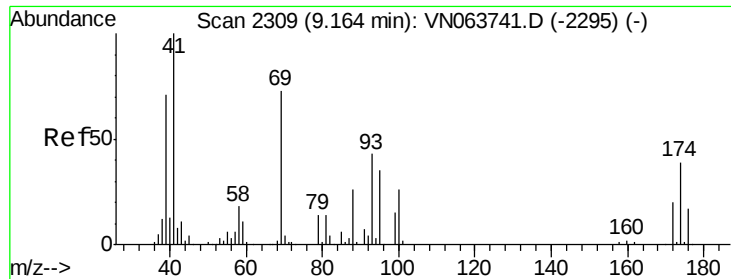
#48
Methyl methacrylate
Concen: 20.474 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	41	Resp	70878
Ion Ratio	100	Lower	Upper
41	100		
69	71.7	60.9	91.3
39	66.0	57.5	86.3



Abundance Ion 41.00 (40.70 to 41.70): VN063766.D (-2217) (-)





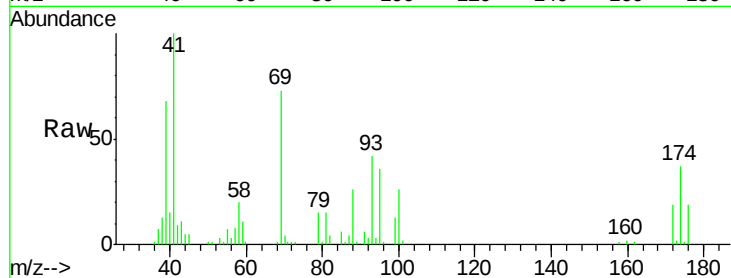
#49
1,4-Dioxane
Concen: 409.260 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampled :
VN1001WBSD01

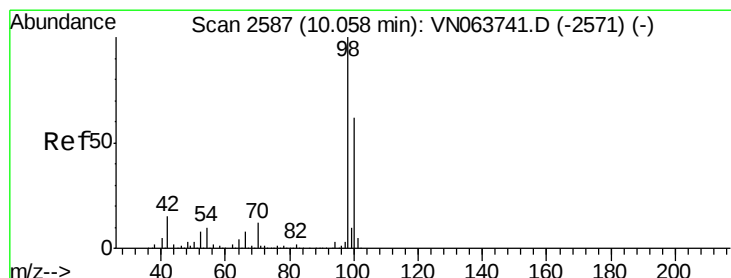
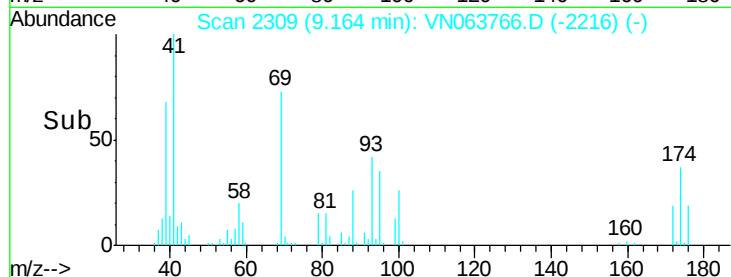
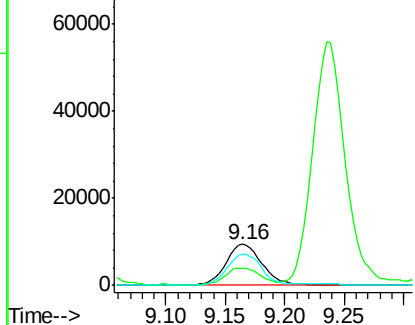
Tot Ion	Ratio	Lower	Upper
88	100		
43	43.0	33.1	49.7
58	71.9	58.9	88.3

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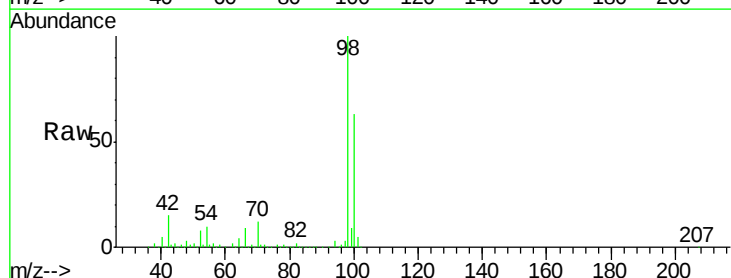


Abundance Ion 88.00 (87.70 to 88.70): VN063741.D (-2295) (-)
Ion 43.00 (42.70 to 43.70): VN063741.D (-2295) (-)
Ion 58.00 (57.70 to 58.70): VN063741.D (-2295) (-)

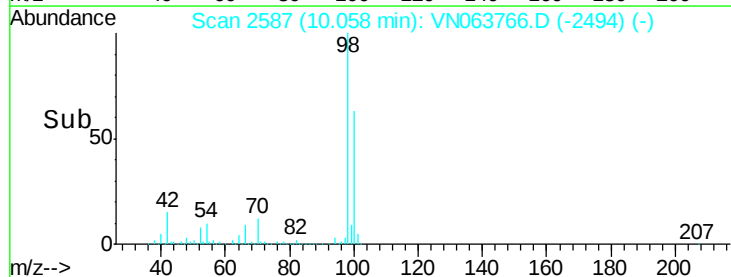
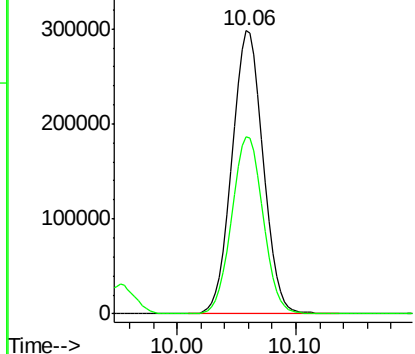


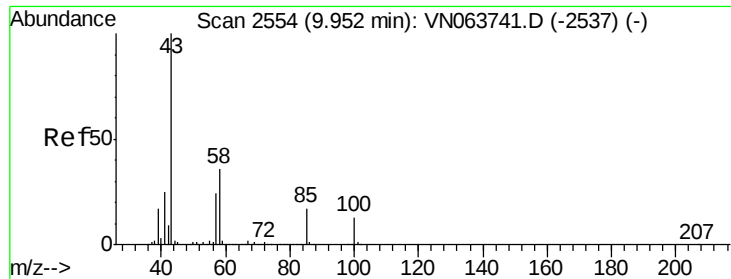
#50
Toluene-d8
Concen: 48.747 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	49.8	74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)
Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 101.515 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

Tot Ion: 43 Resp: 417430

Ion Ratio Lower Upper

43 100

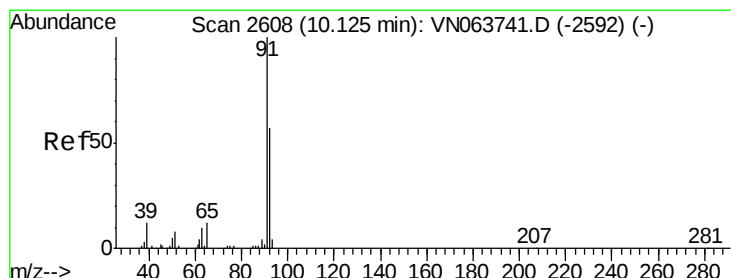
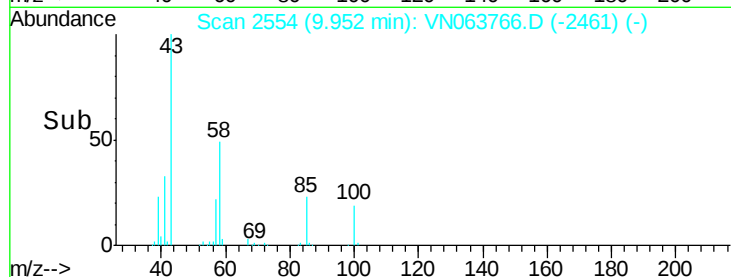
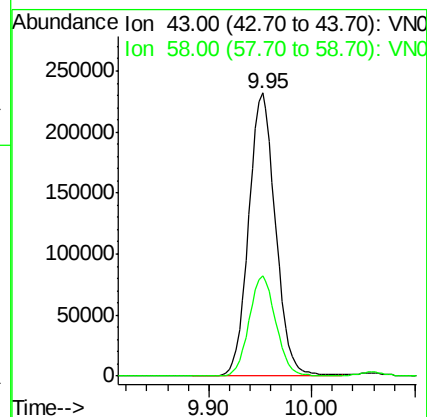
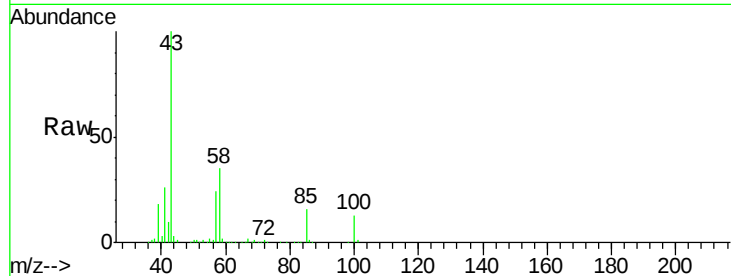
58 35.5 28.4 42.6

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#52

Toluene

Concen: 19.411 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063766.D

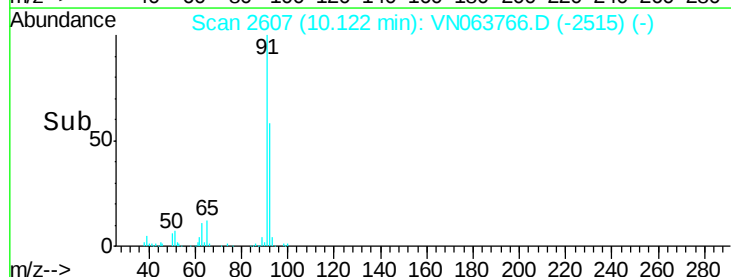
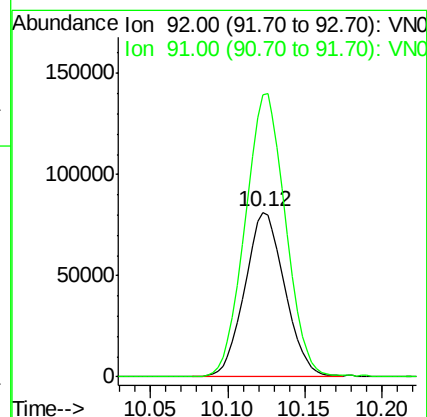
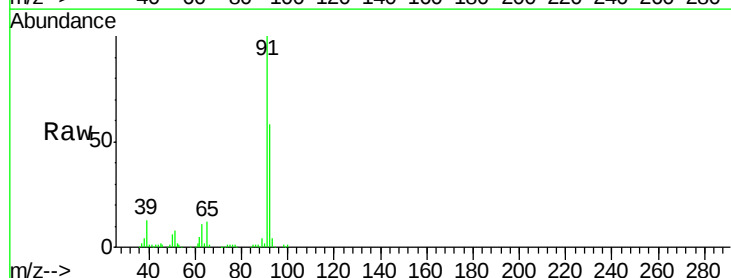
Acq: 1 Oct 2020 12:58

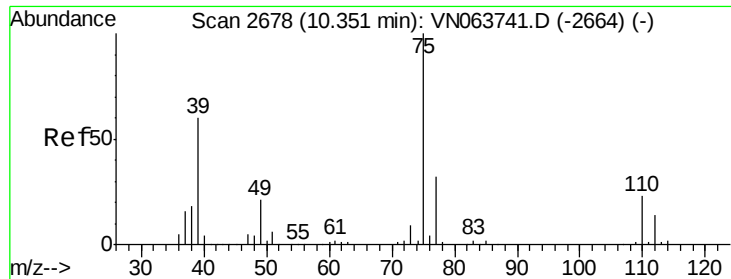
Tgt Ion: 92 Resp: 146632

Ion Ratio Lower Upper

92 100

91 174.2 140.6 210.8





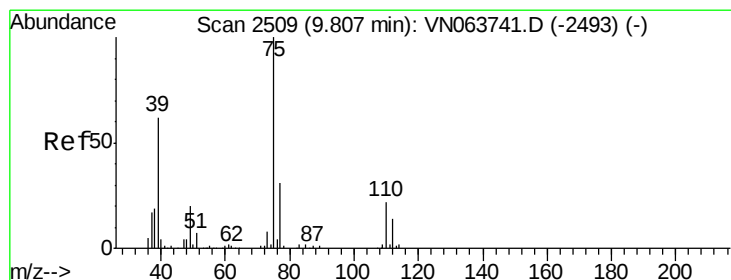
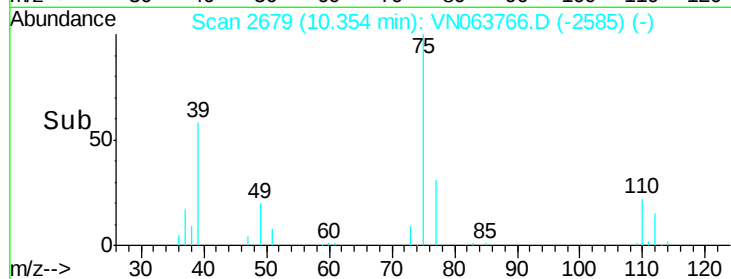
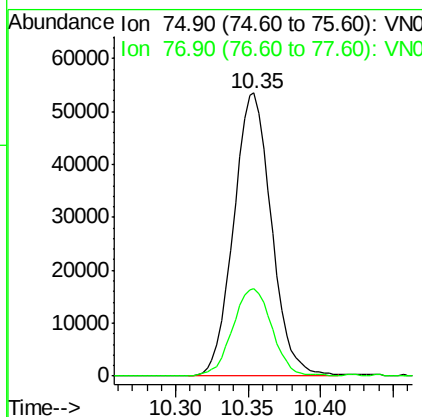
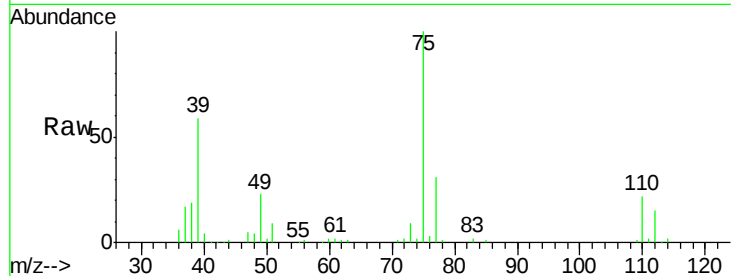
#53
 t-1,3-Dichloropropene
 Concen: 19.283 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tot Ion: 75 Resp: 96927
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9

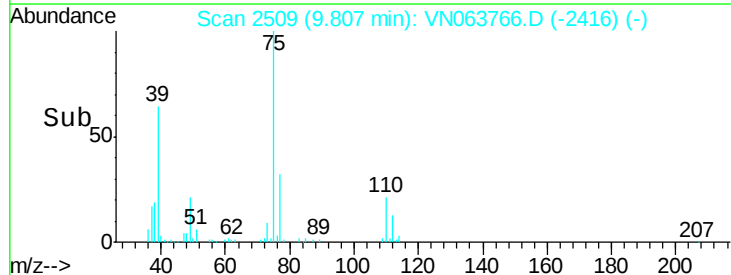
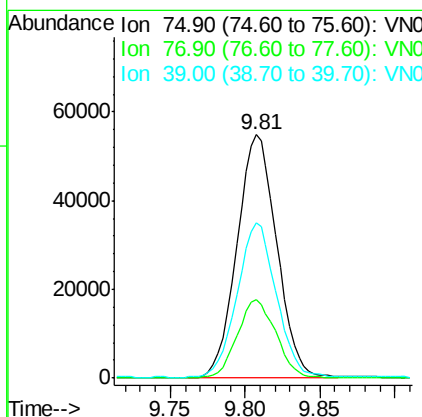
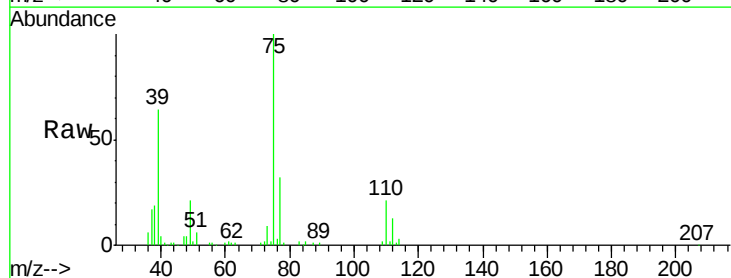
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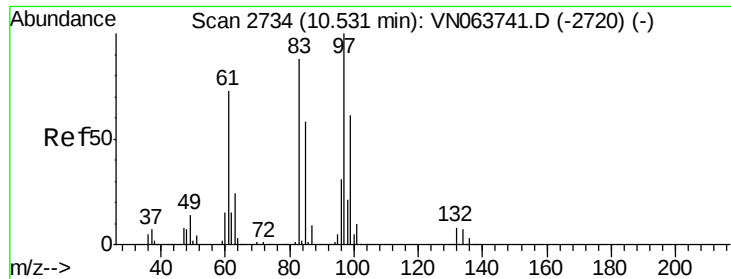
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#54
 cis-1,3-Dichloropropene
 Concen: 19.349 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 75 Resp: 101719
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8
 39 63.4 49.7 74.5





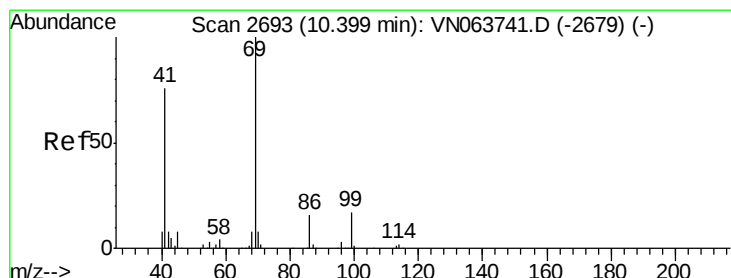
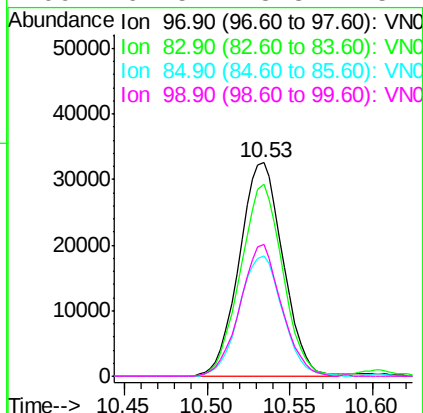
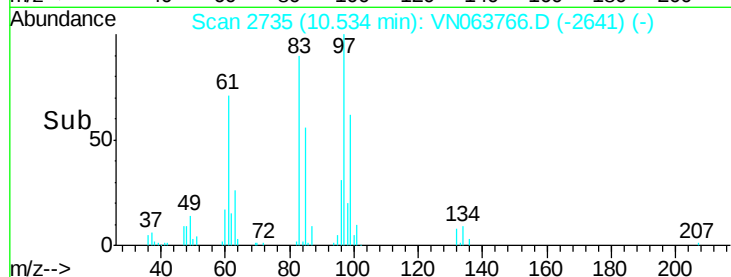
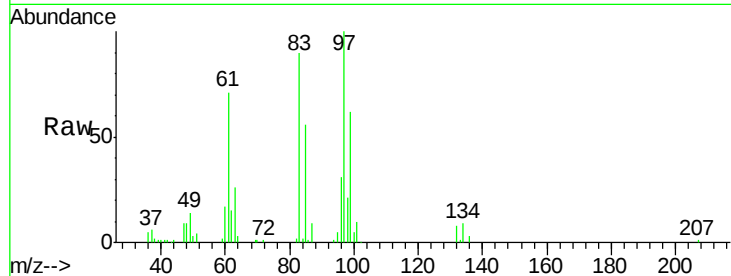
#55
 1,1,2-Trichloroethane
 Concen: 19.770 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1001WBSD01

Tot Ion:	97	Resp:	59891
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.7	106.1
85	56.2	46.1	69.1
99	61.5	48.8	73.2

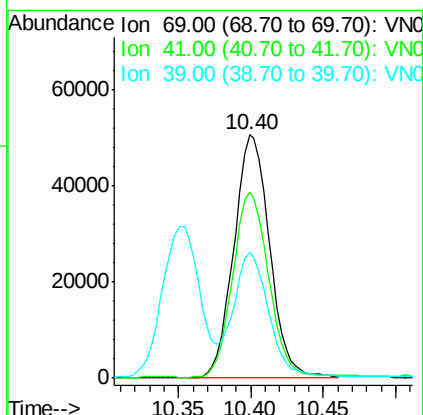
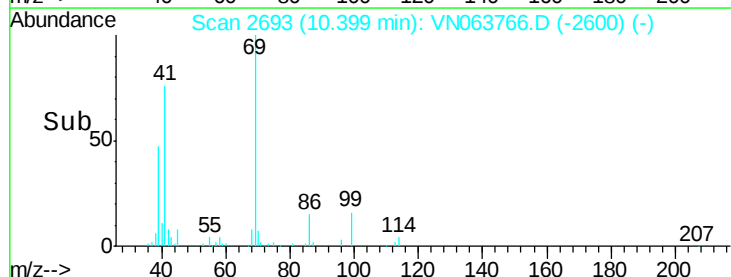
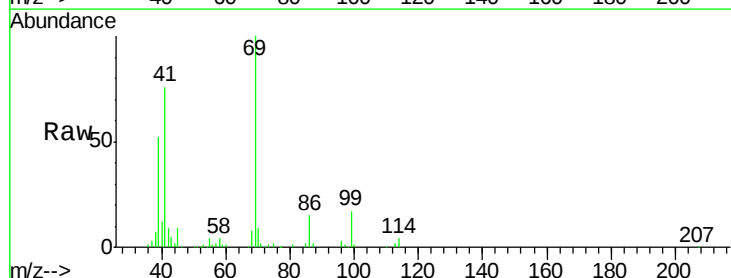
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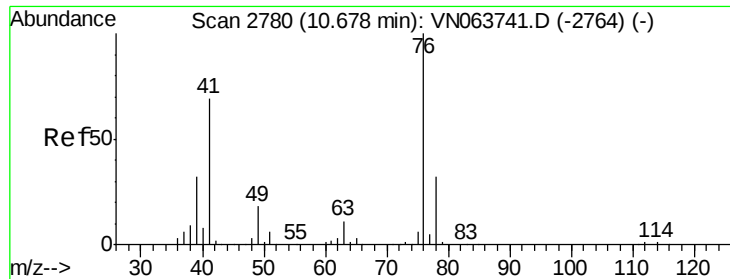
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#56
 Ethyl methacrylate
 Concen: 20.188 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion:	69	Resp:	86688
Ion	Ratio	Lower	Upper
69	100		
41	76.9	61.1	91.7
39	49.7	42.2	63.4





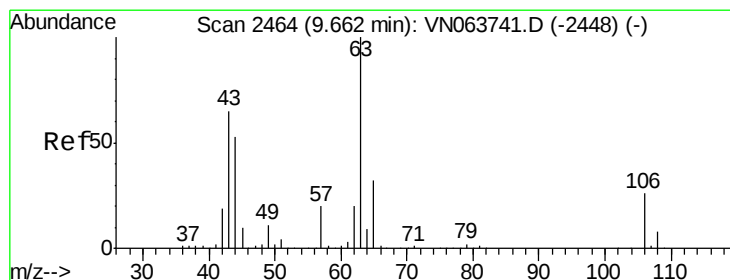
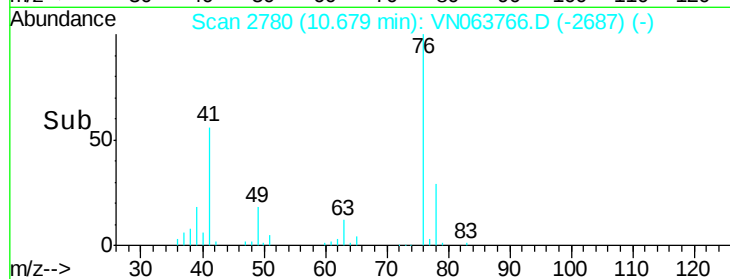
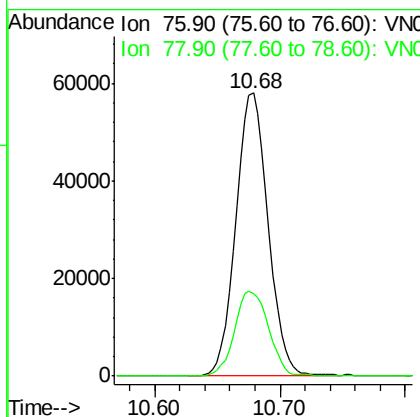
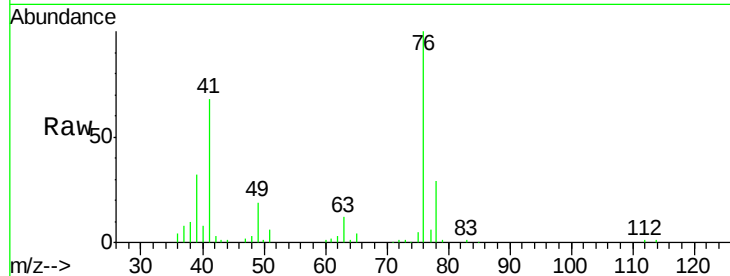
#57
 1,3-Dichloropropane
 Concen: 20.249 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tot Ion: 76 Resp: 103782
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.2 37.8

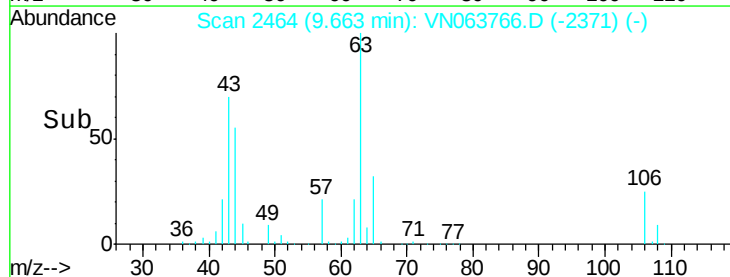
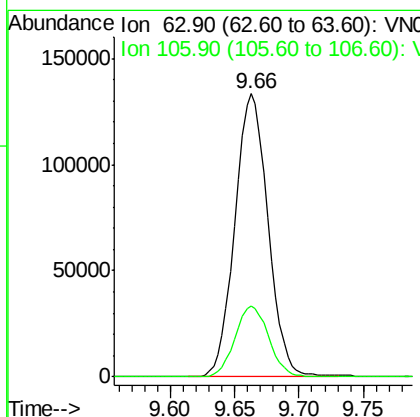
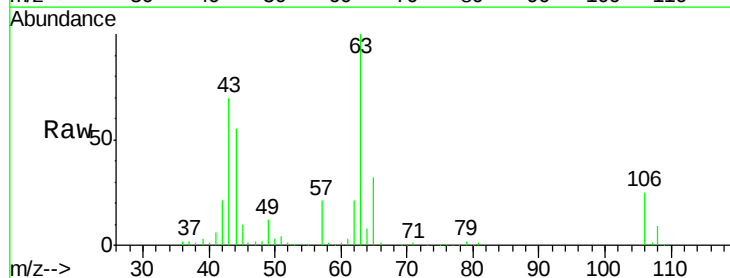
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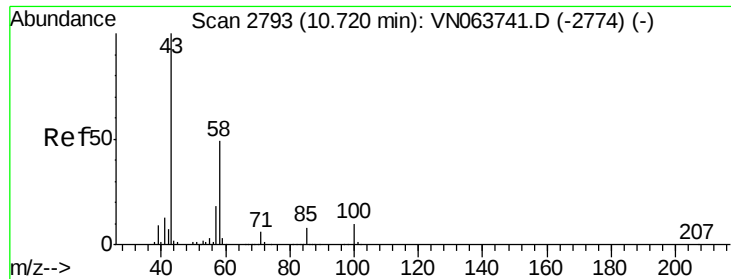
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.864 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 63 Resp: 238569
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.7 31.1





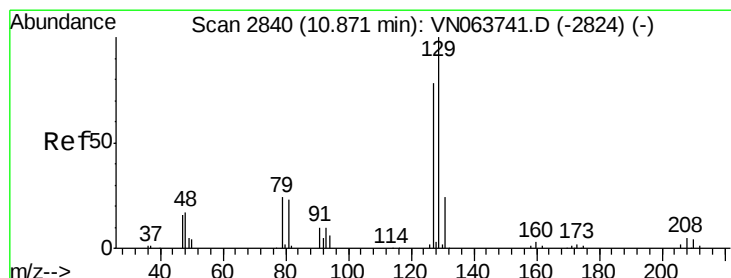
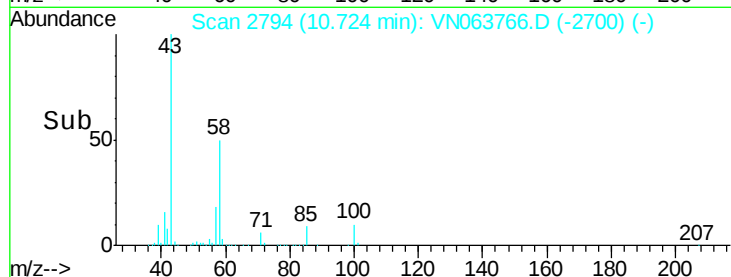
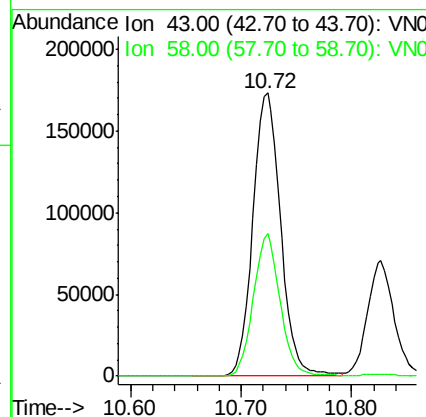
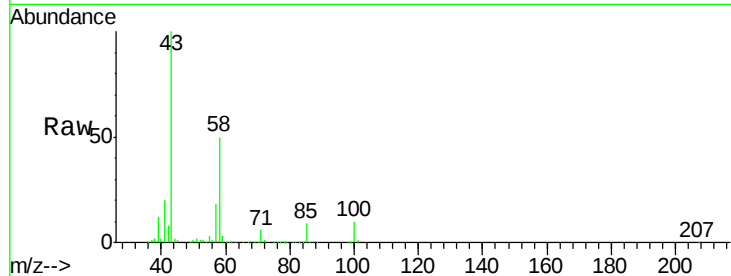
#59
2-Hexanone
Concen: 99.382 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion: 43 Resp: 303578
Ion Ratio Lower Upper
43 100
58 48.4 24.6 73.8

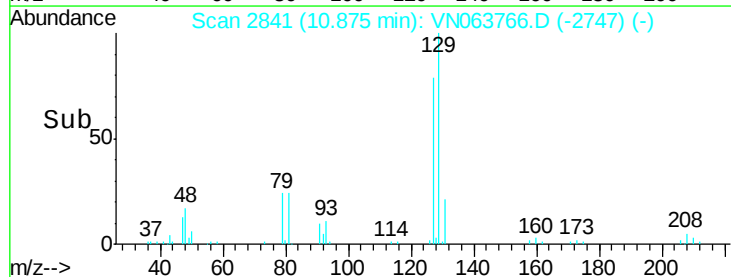
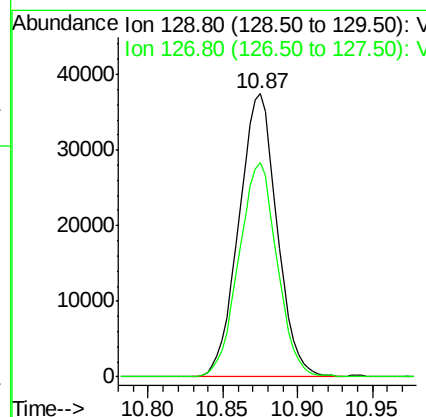
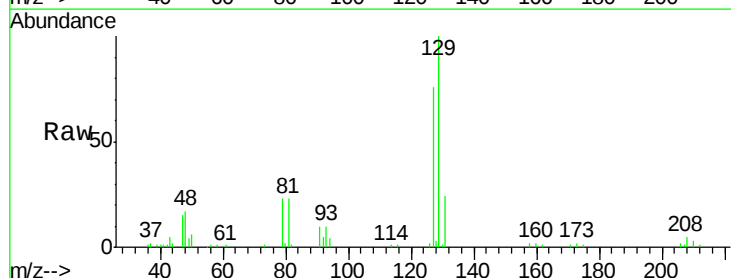
Manual Integrations
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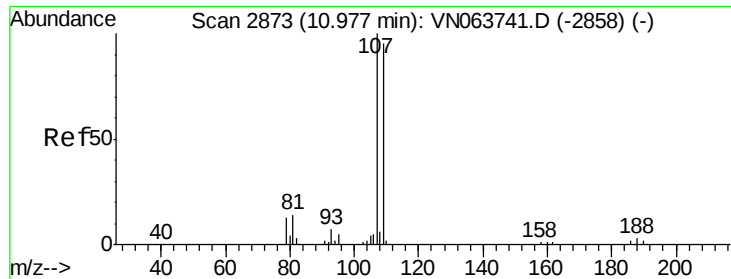
MMDadoda
10/2/2020 3:11:16 PM



#60
Dibromochloromethane
Concen: 18.854 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 129 Resp: 66518
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.7





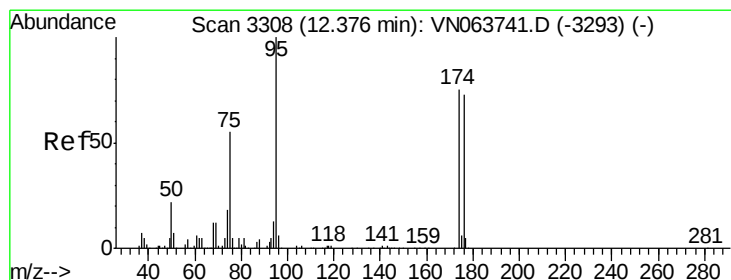
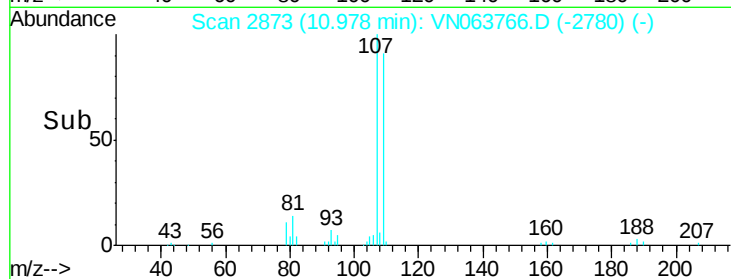
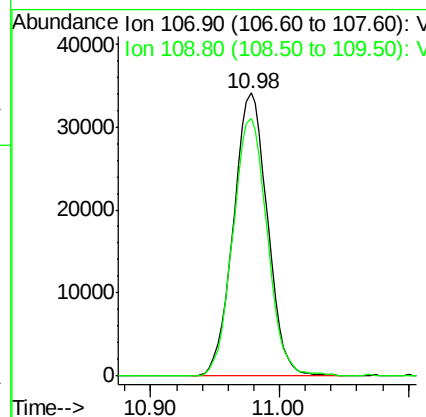
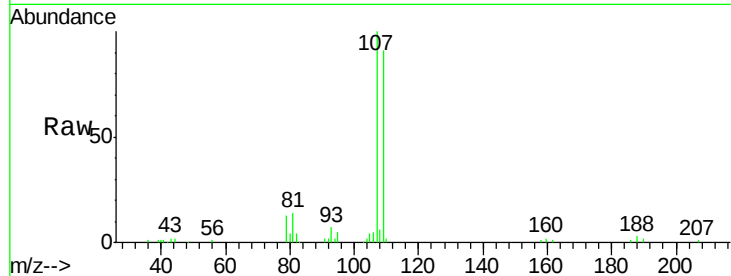
#61
 1,2-Dibromoethane
 Concen: 20.134 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.1	74.8	112.2

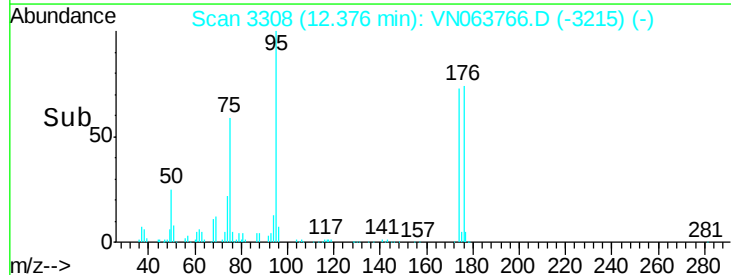
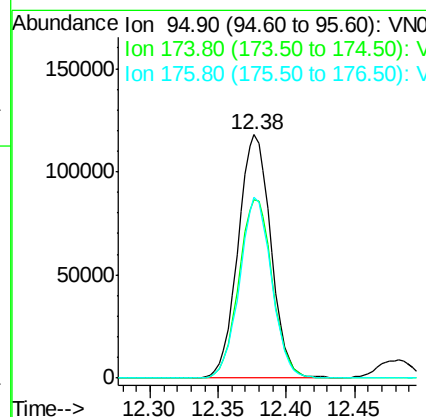
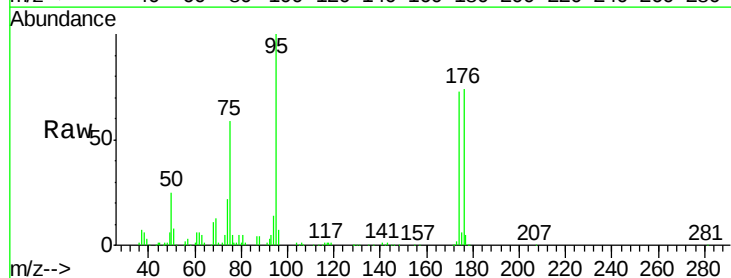
Manual Integrations
 APPROVED

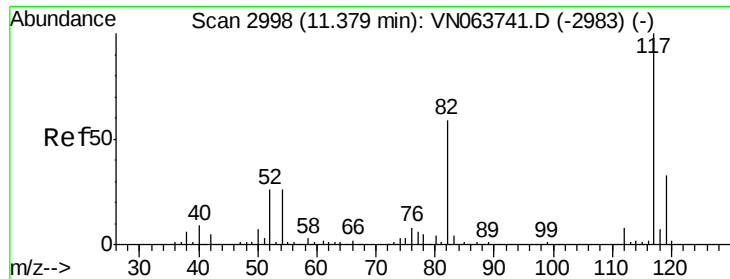
MMDadoda
 10/2/2020 3:11:16 PM



#62
 4-Bromofluorobenzene
 Concen: 47.247 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	150.6
176	72.3	0.0	145.4





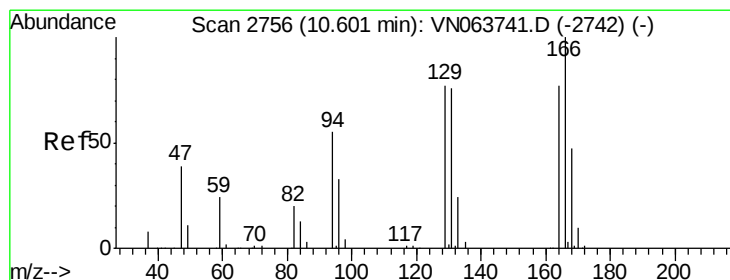
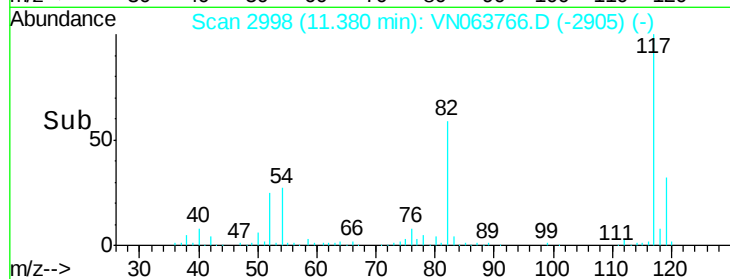
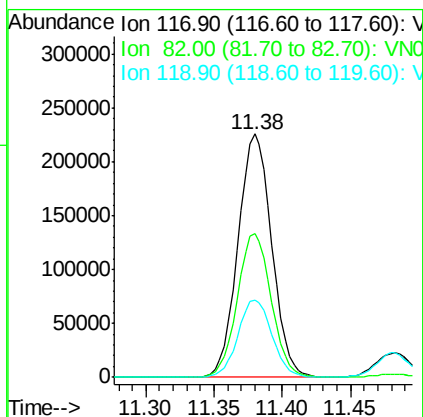
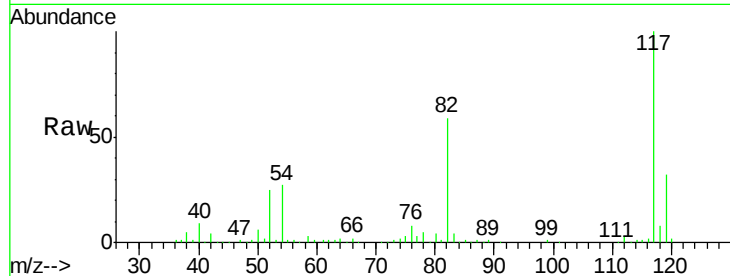
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.2
119	32.0	26.4	39.6

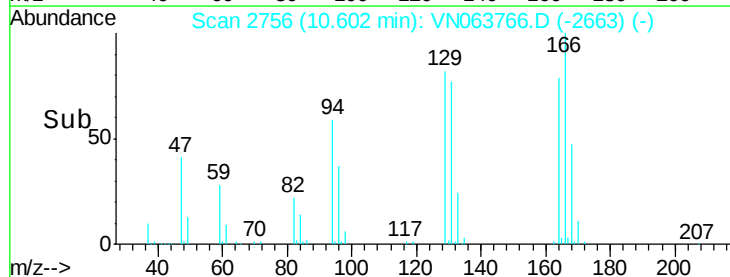
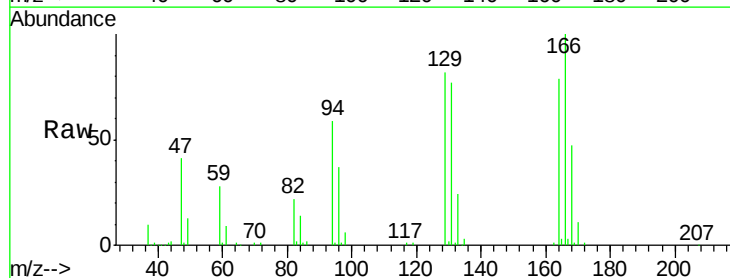
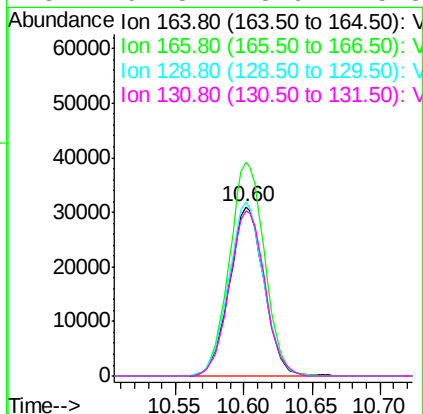
Manual Integrations
APPROVED

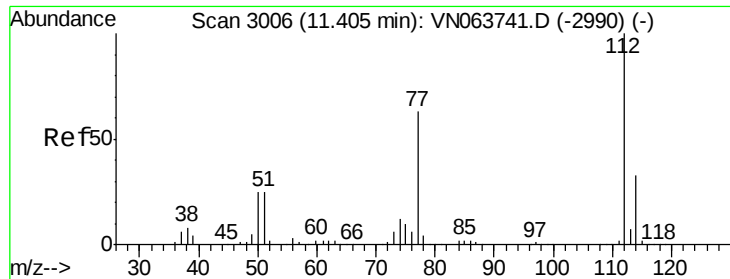
MMDadoda
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#64
Tetrachloroethene
Concen: 18.251 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.9	155.9
129	103.2	80.3	120.5
131	97.8	78.9	118.3





#65

Chlorobenzene

Concen: 19.382 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

Tot Ion:112 Resp: 154233

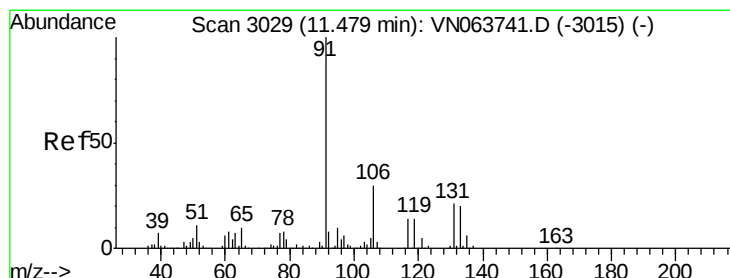
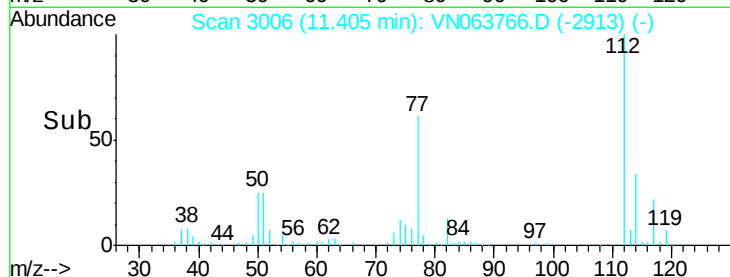
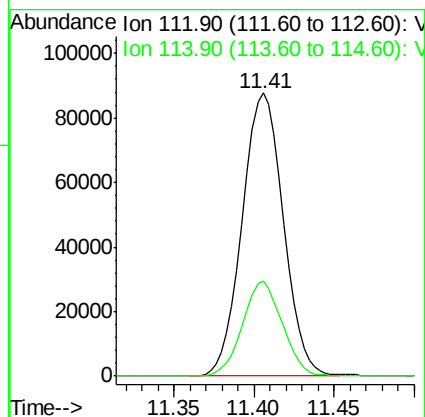
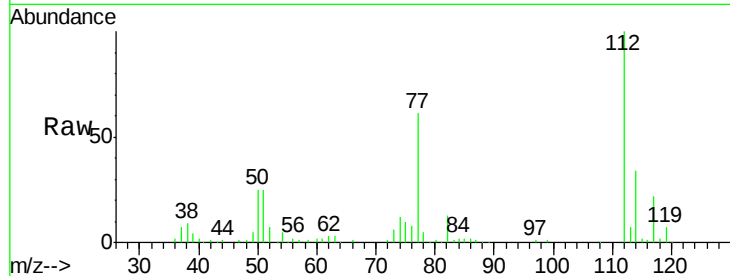
Ion Ratio Lower Upper

112 100

114 33.8 26.1 39.1

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.989 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

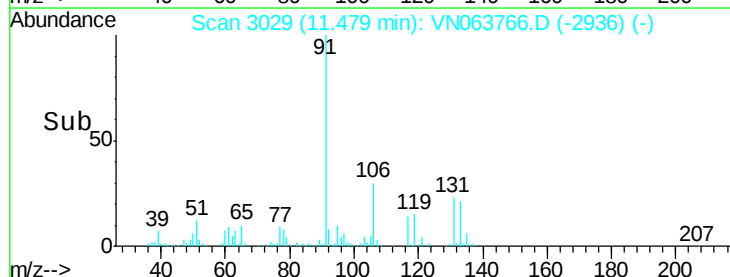
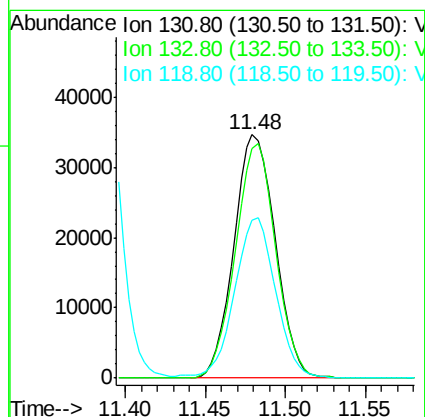
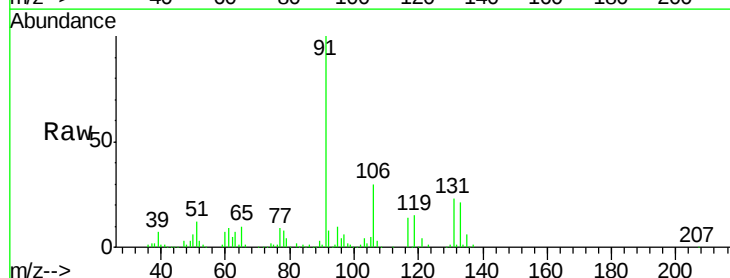
Tgt Ion:131 Resp: 60981

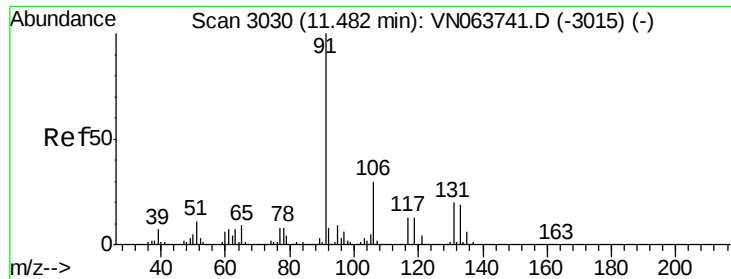
Ion Ratio Lower Upper

131 100

133 94.1 47.3 141.8

119 65.4 32.6 97.7





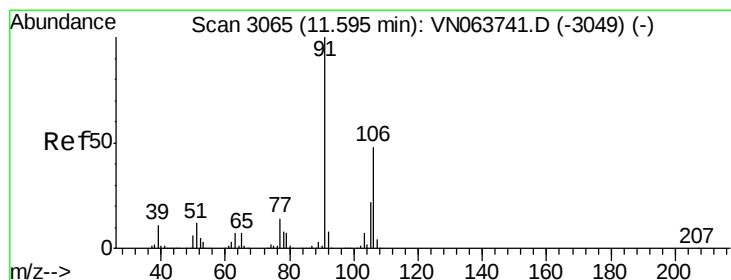
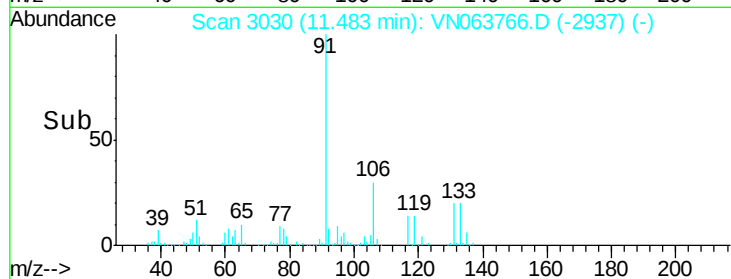
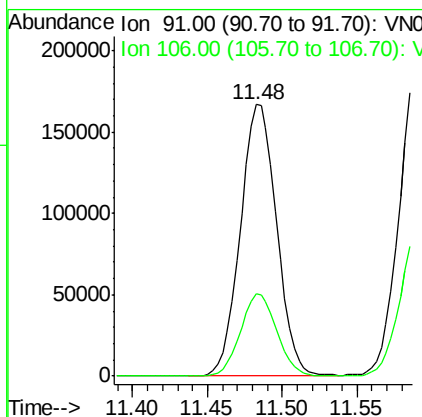
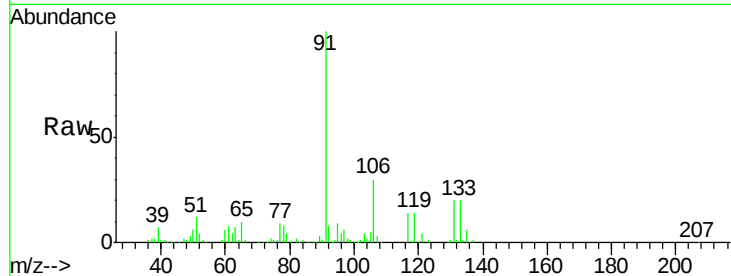
#67
Ethyl Benzene
Concen: 19.492 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.2

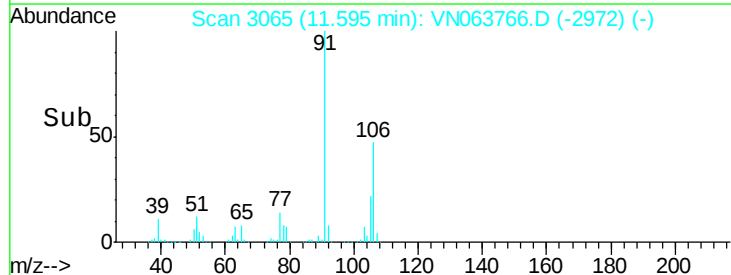
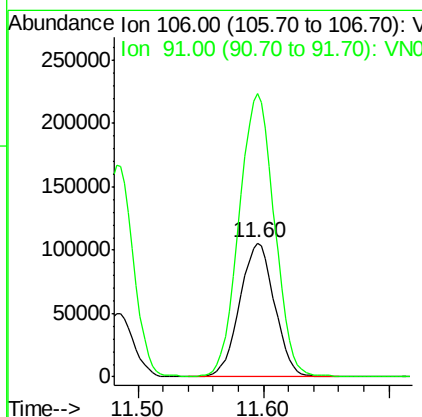
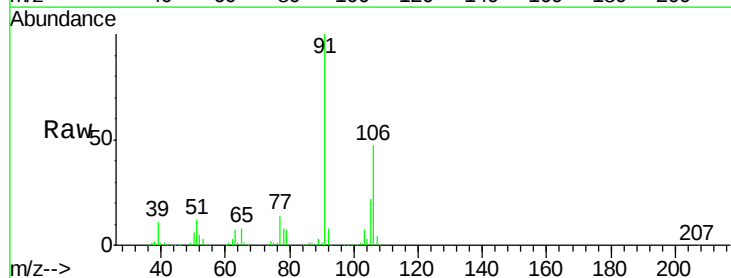
Manual Integrations
APPROVED

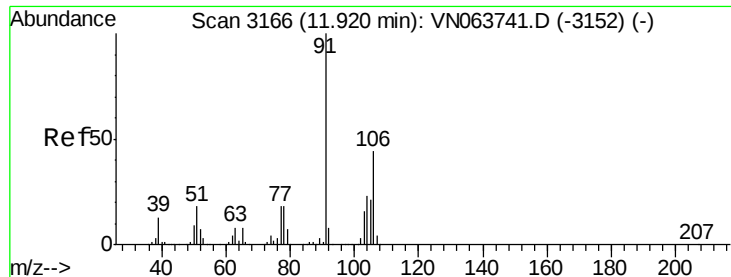
MMDadoda
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#68
m/p-Xylenes
Concen: 37.763 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.5	168.0	252.0





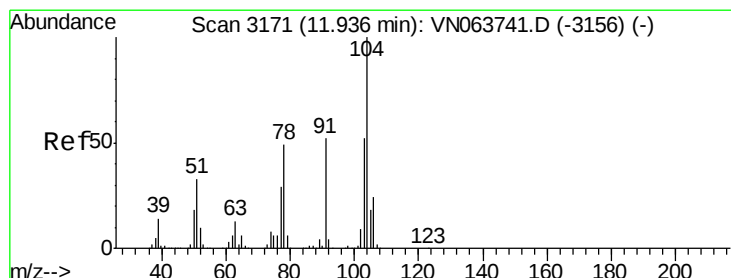
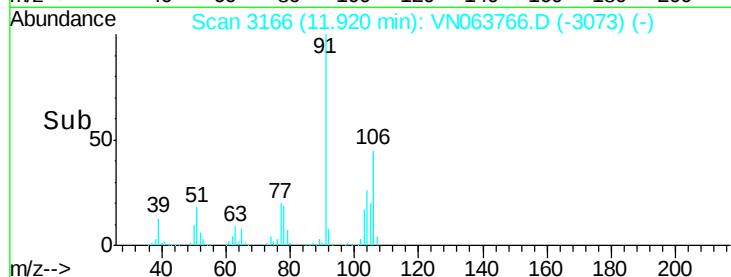
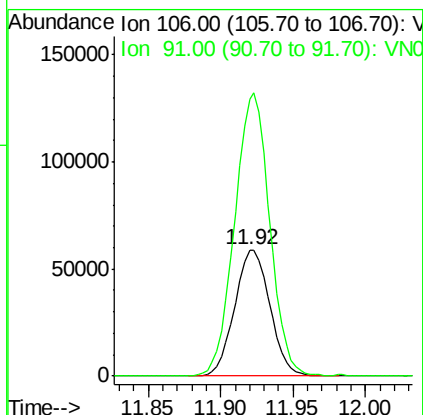
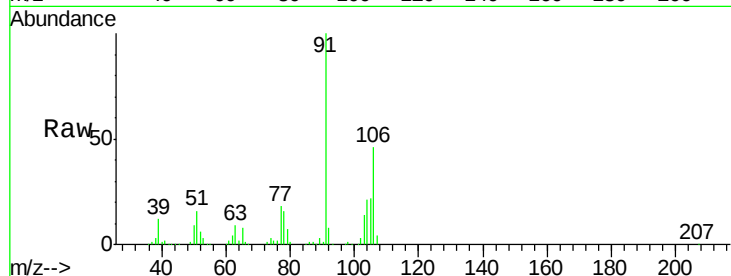
#69
o-Xylene
Concen: 19.782 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		99778		
91	222.1	112.7	338.0		

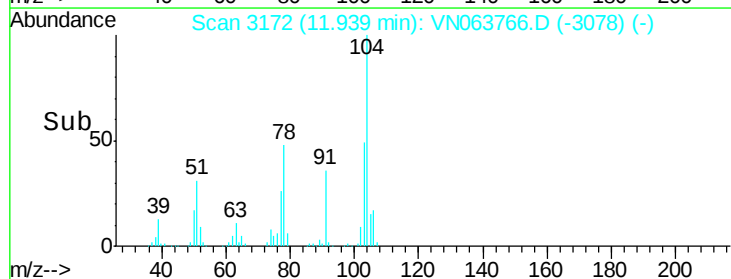
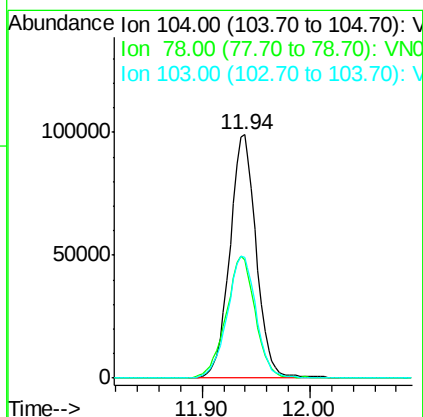
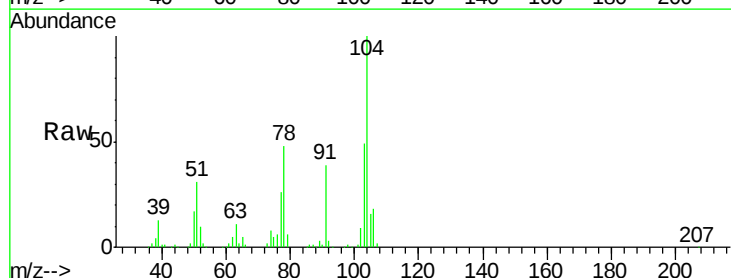
Manual Integrations
APPROVED

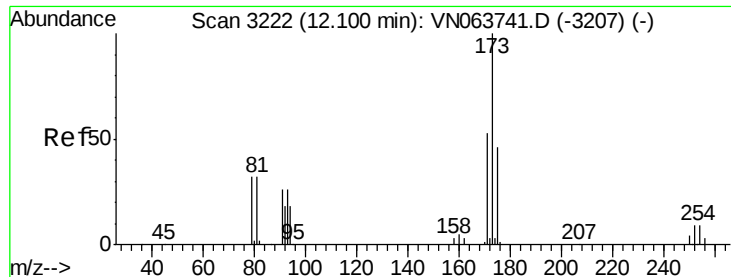
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#70
Styrene
Concen: 19.597 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		167791		
78	55.0	44.1	66.1		
103	55.1	44.3	66.5		





#71

Bromoform

Concen: 19.072 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampled :

VN1001WBSD01

Tot Ion:173 Resp: 44498

Ion Ratio Lower Upper

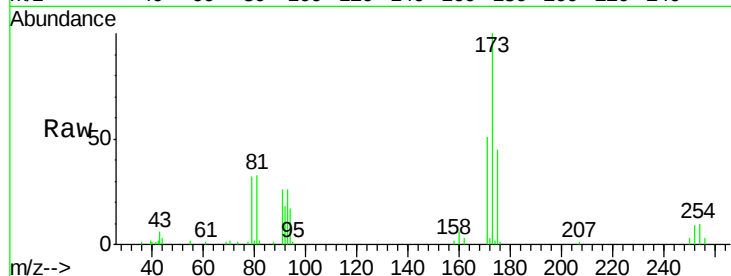
173 100

175 48.7 23.5 70.5

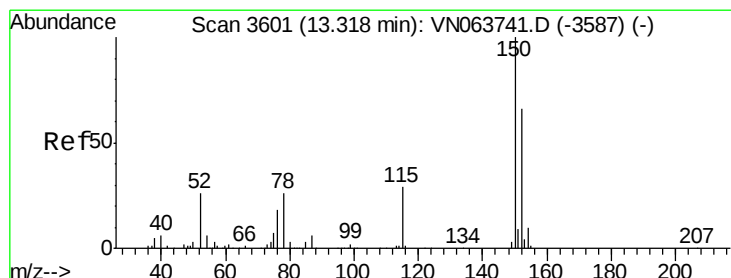
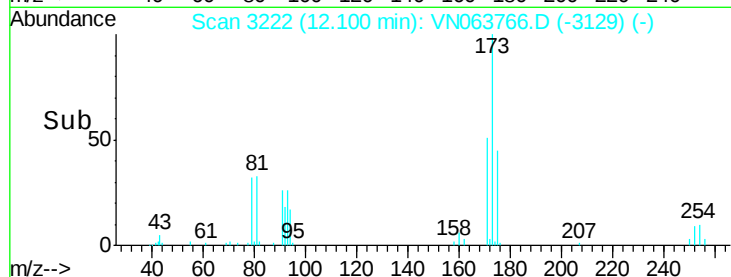
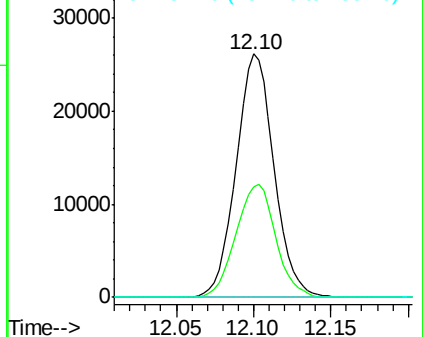
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

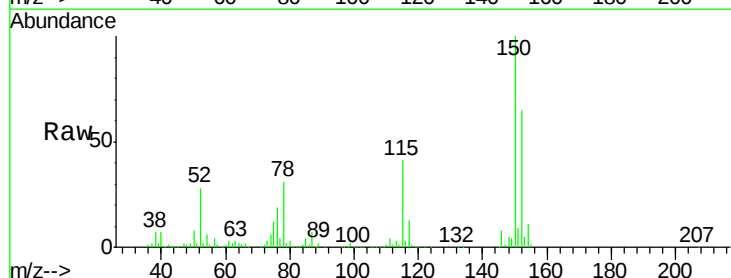
Tgt Ion:152 Resp: 183518

Ion Ratio Lower Upper

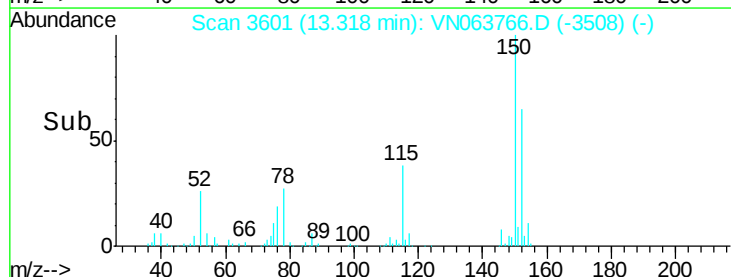
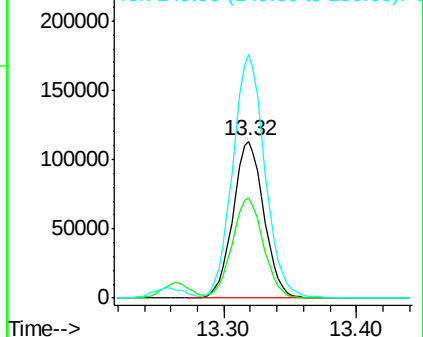
152 100

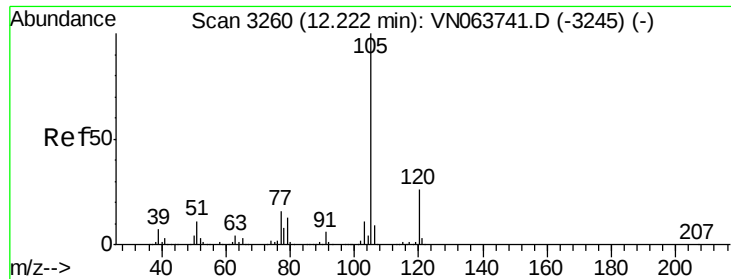
115 64.0 31.3 93.8

150 161.1 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.770 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampled :

VN1001WBSD01

Tot Ion:105 Resp: 264638

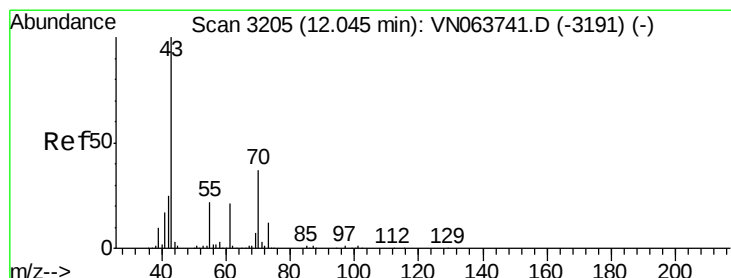
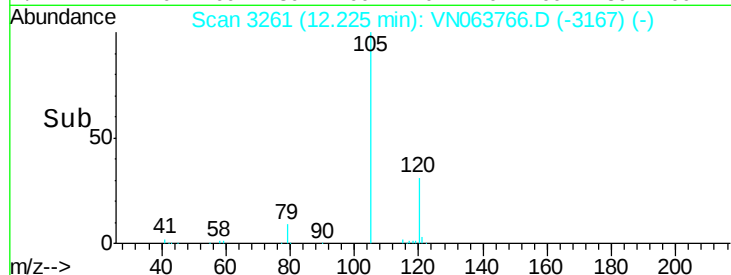
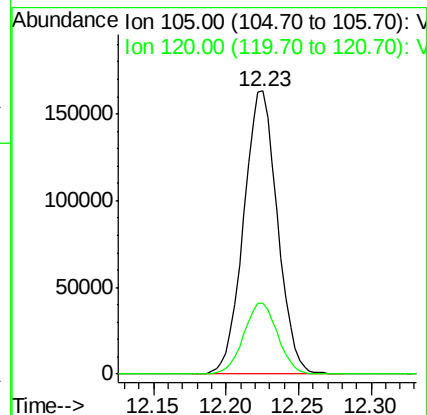
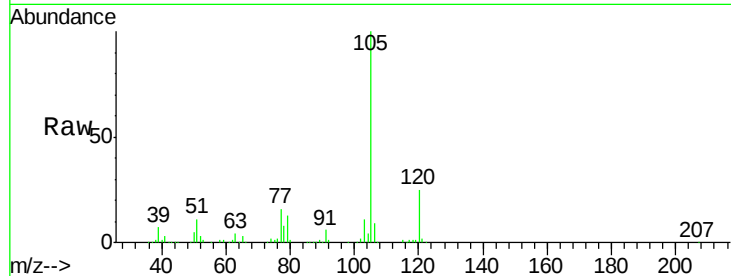
Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.600 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Tgt Ion: 43 Resp: 119676

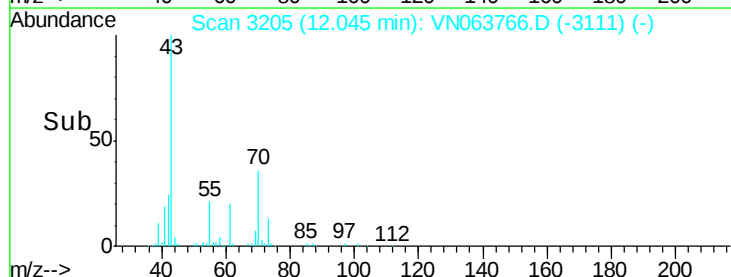
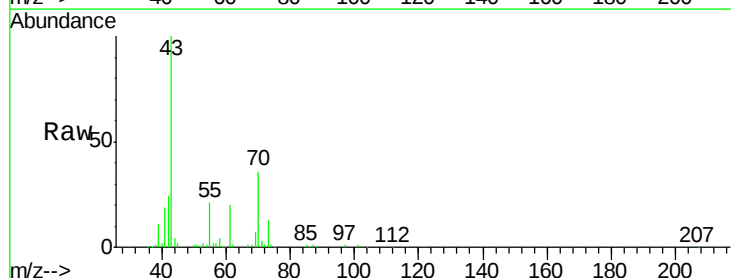
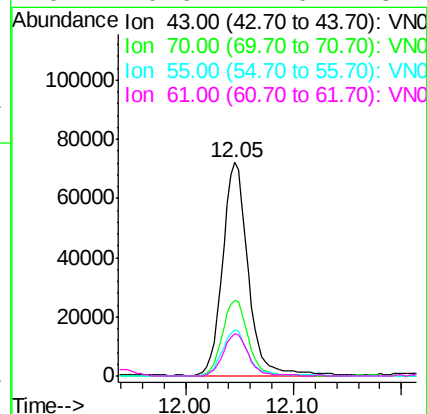
Ion Ratio Lower Upper

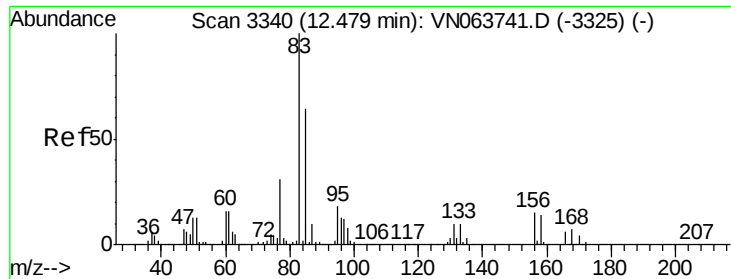
43 100

70 35.7 29.8 44.8

55 21.7 17.9 26.9

61 19.6 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.560 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

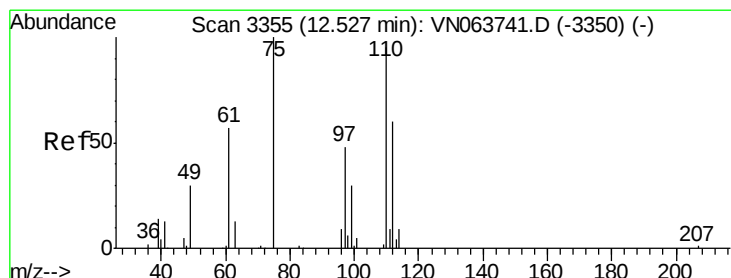
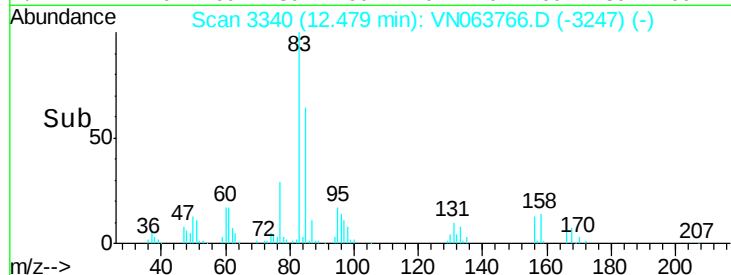
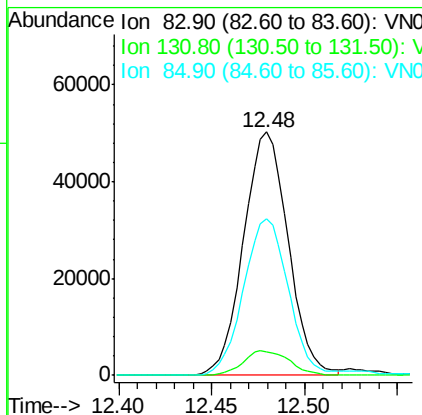
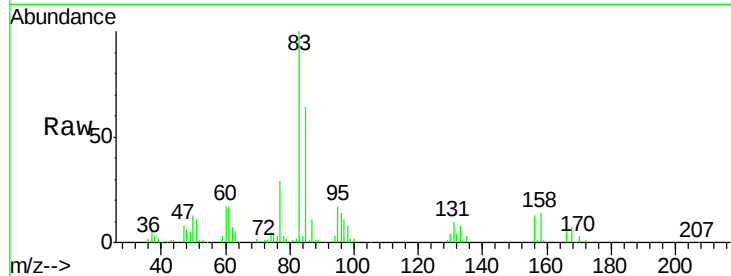
ClientSampleId :

VN1001WBSD01

Tot Ion:	83	Resp:	84156
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.8
85	64.2	31.3	93.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.364 ug/l m

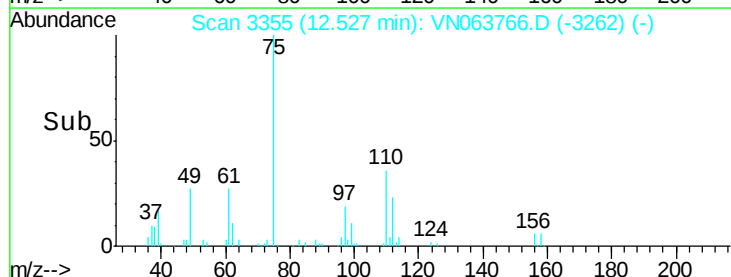
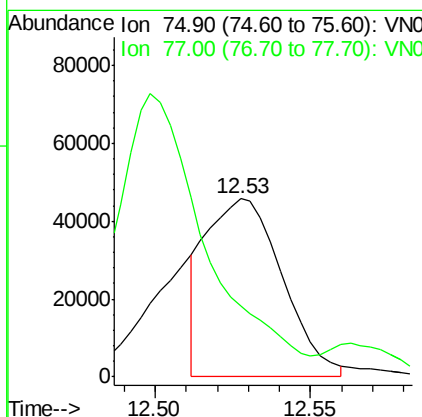
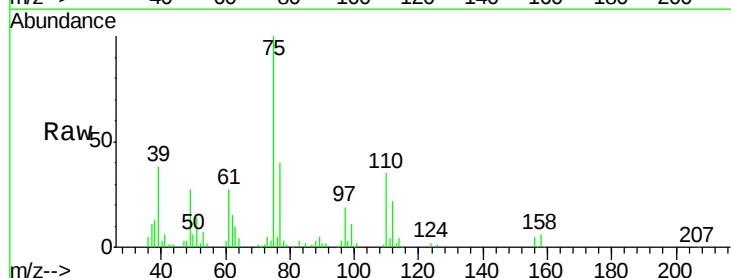
RT: 12.53 min Scan# 3355

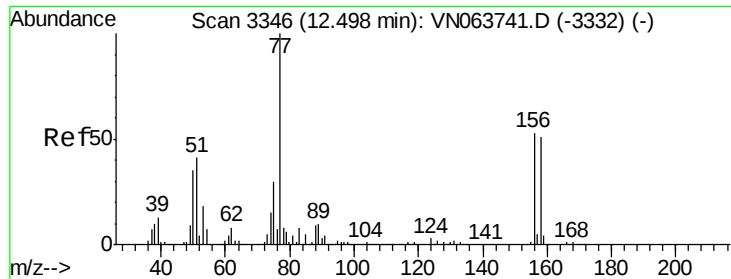
Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Tgt Ion:	75	Resp:	78335
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.895 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

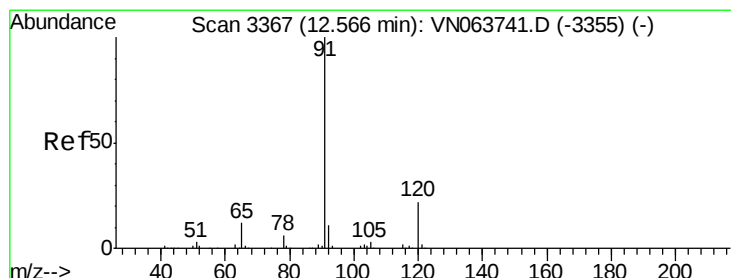
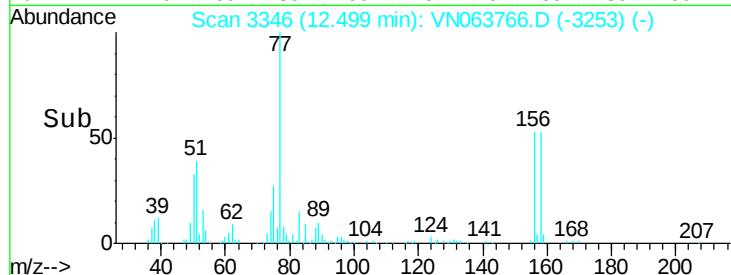
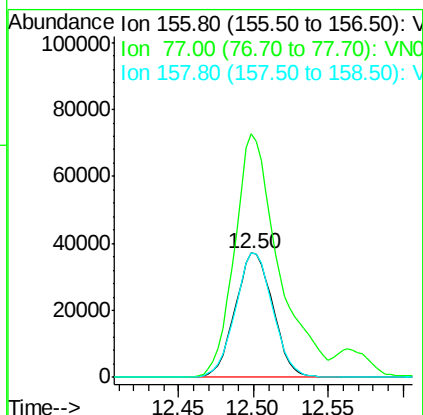
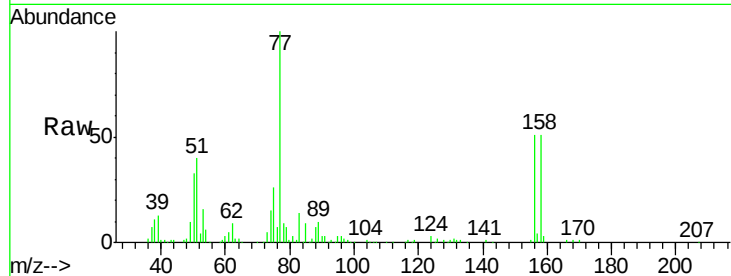
ClientSampleId :

VN1001WBSD01

Tot Ion:	156	Resp:	65346
Ion	Ratio	Lower	Upper
156	100		
77	227.5	110.9	332.7
158	99.6	47.7	143.1

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#78

n-propylbenzene

Concen: 19.438 ug/l

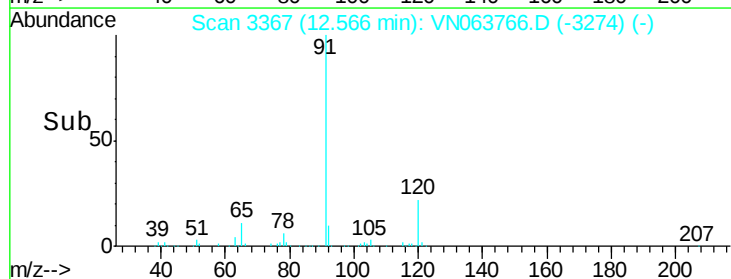
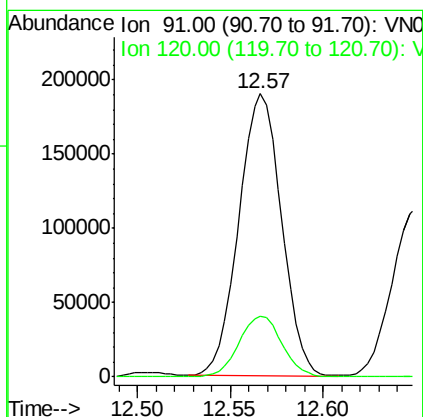
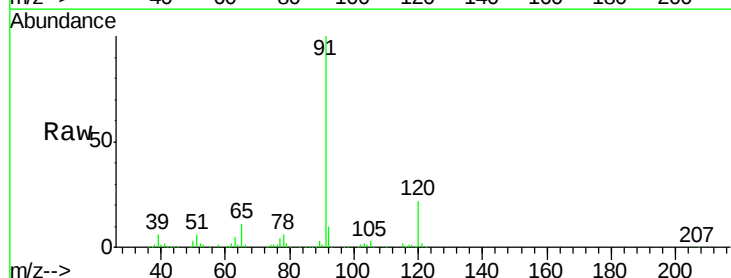
RT: 12.57 min Scan# 3367

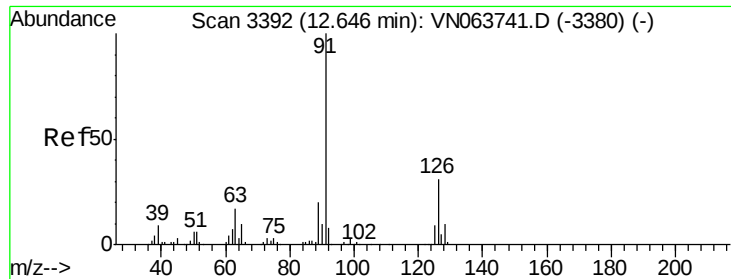
Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Tgt Ion:	91	Resp:	302811
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1





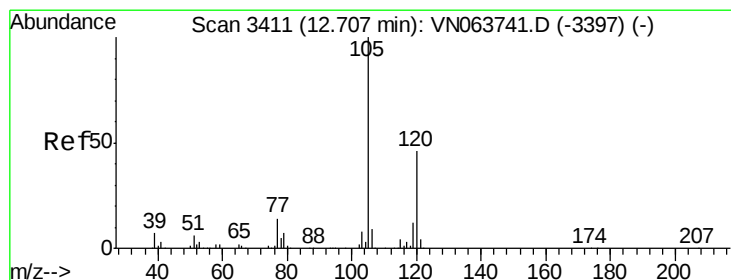
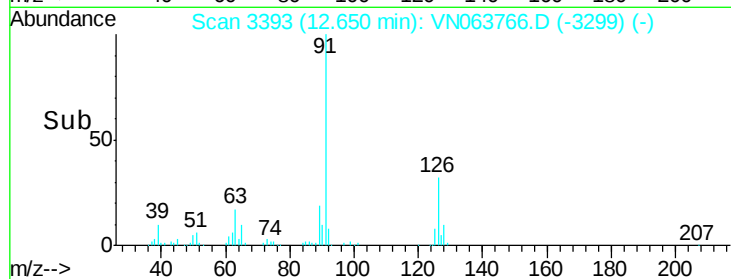
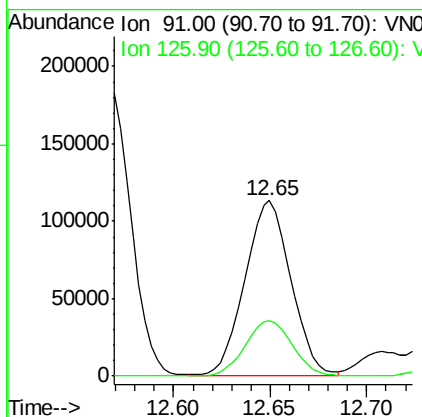
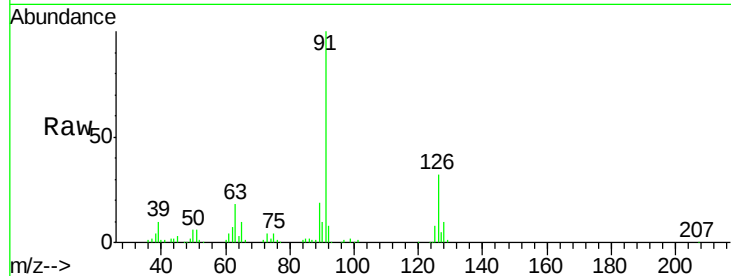
#79
 2-Chlorotoluene
 Concen: 19.361 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tot Ion: 91 Resp: 185497
 Ion Ratio Lower Upper
 91 100
 126 33.2 15.9 47.7

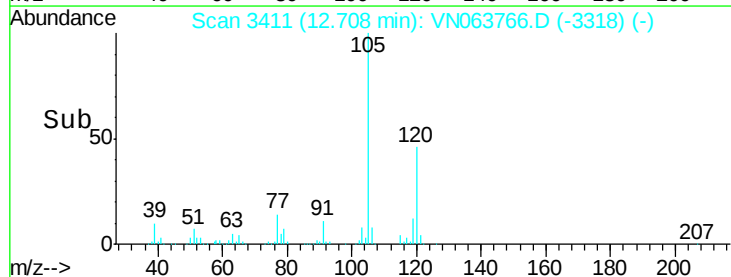
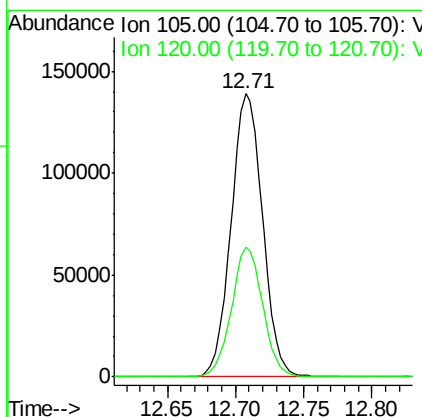
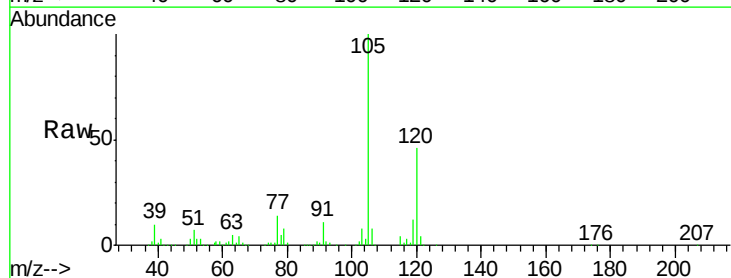
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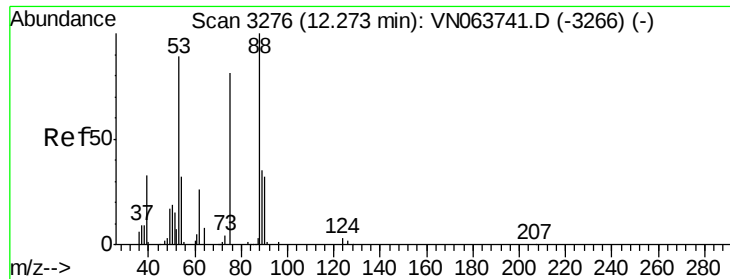
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.852 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 105 Resp: 222936
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.405 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

Tot Ion: 75 Resp: 27256

Ion Ratio Lower Upper

75 100

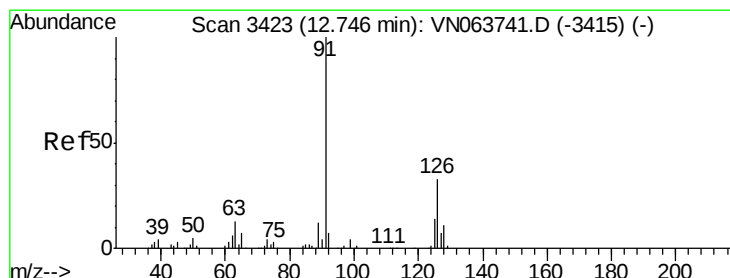
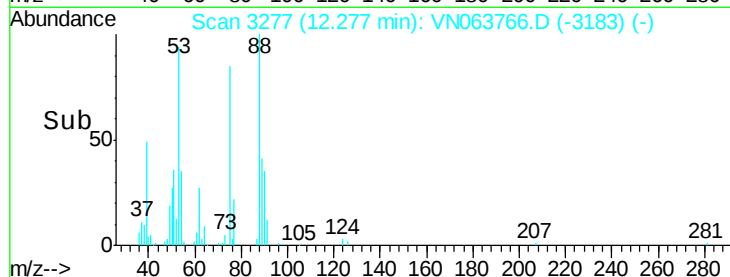
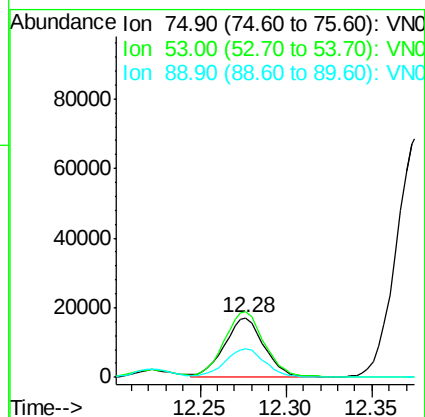
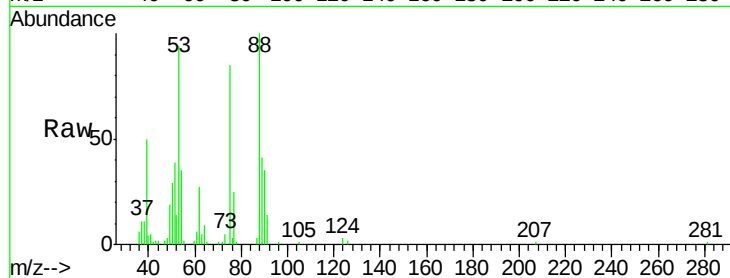
53 114.0 88.2 132.2

89 49.8 36.0 54.0

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#82

4-Chlorotoluene

Concen: 19.864 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063766.D

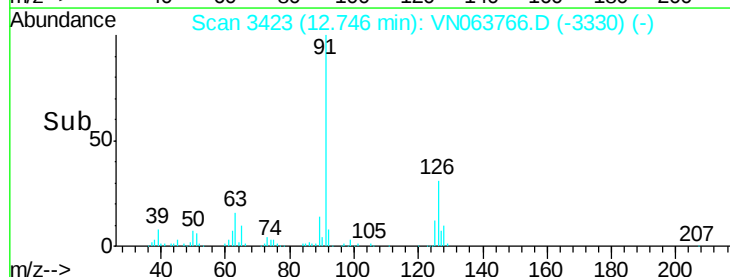
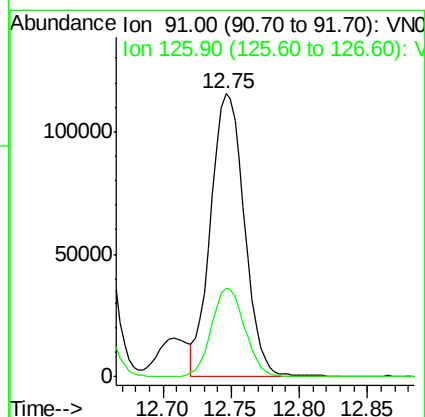
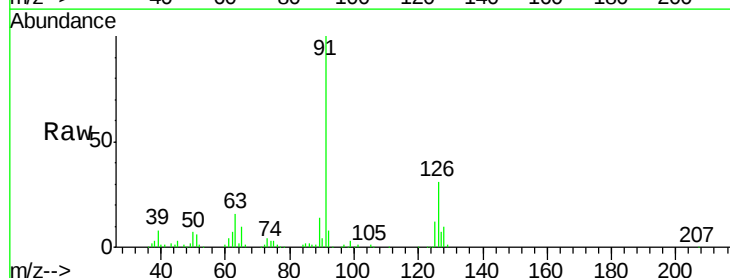
Acq: 1 Oct 2020 12:58

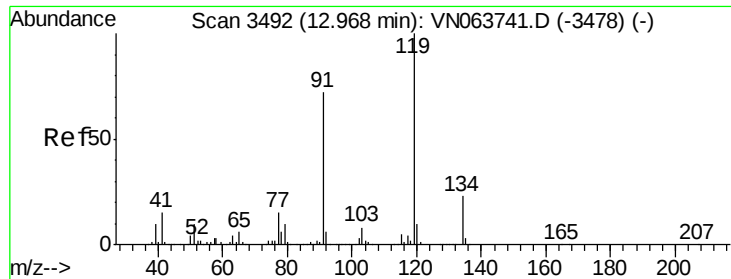
Tgt Ion: 91 Resp: 197567

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.2





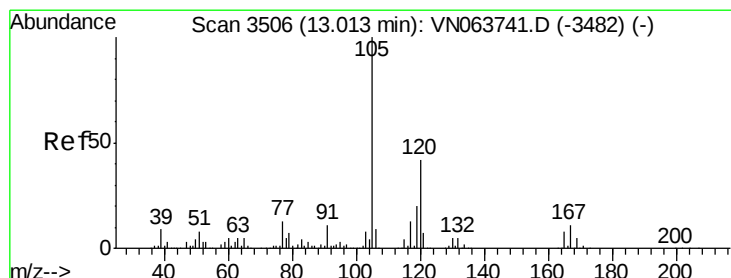
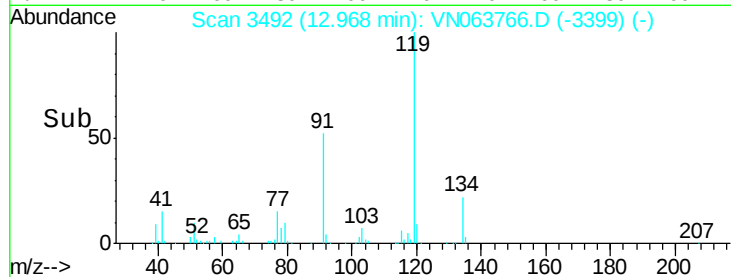
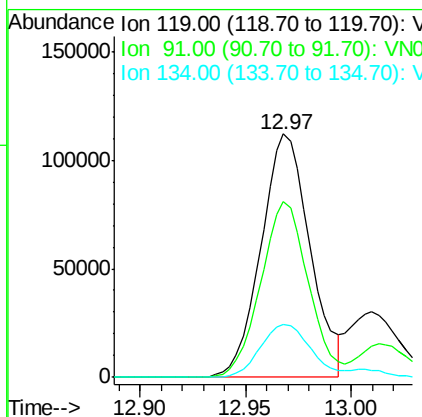
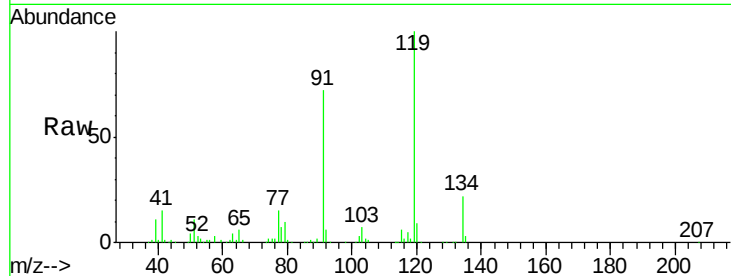
#83
 tert-Butylbenzene
 Concen: 19.722 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.4	35.5	106.5
134	22.3	11.7	35.1

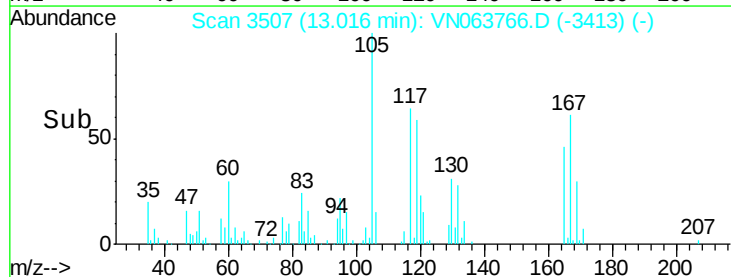
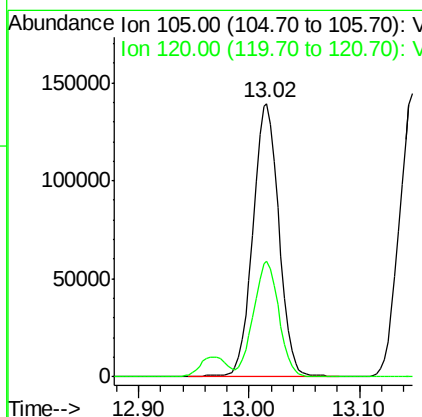
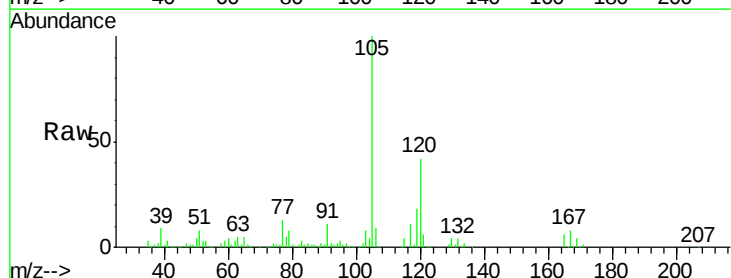
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.289 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.5	20.9	62.7





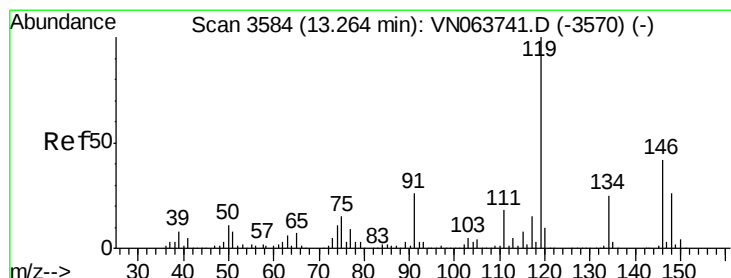
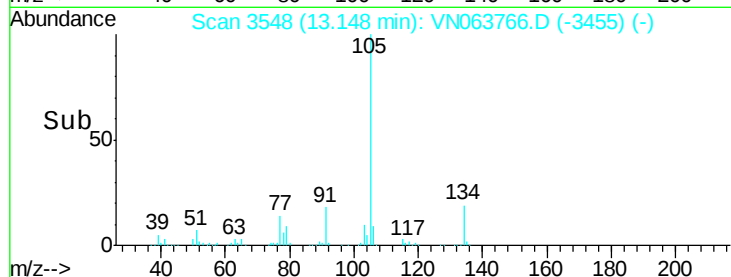
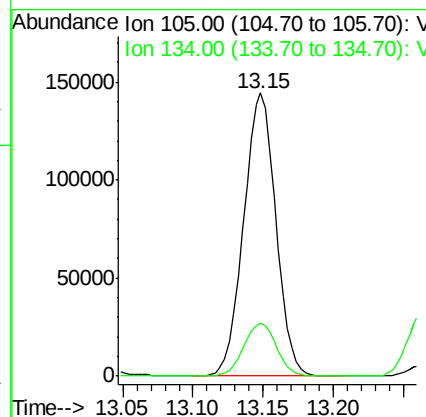
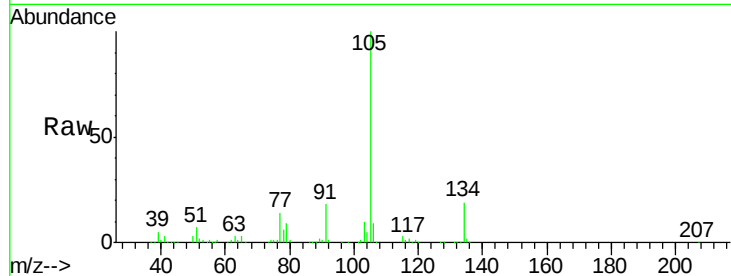
#85
 sec-Butylbenzene
 Concen: 19.029 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	229591		
134	19.1	9.5	28.5	

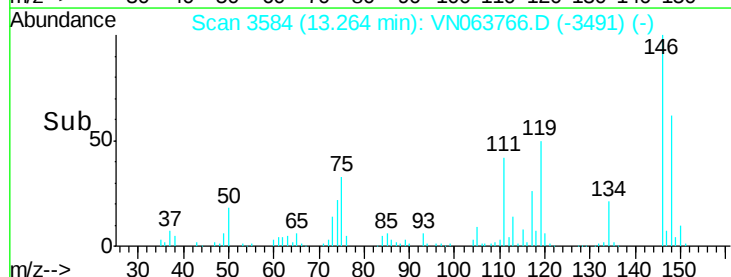
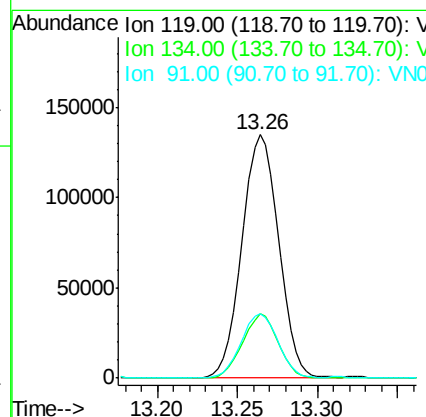
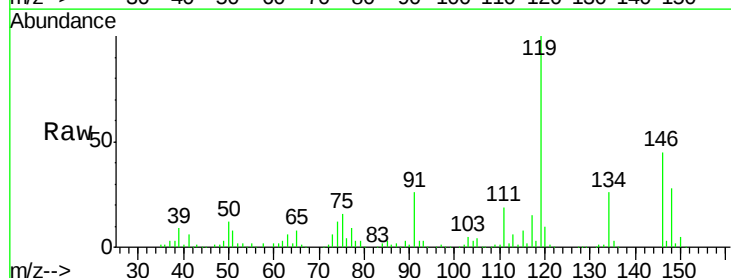
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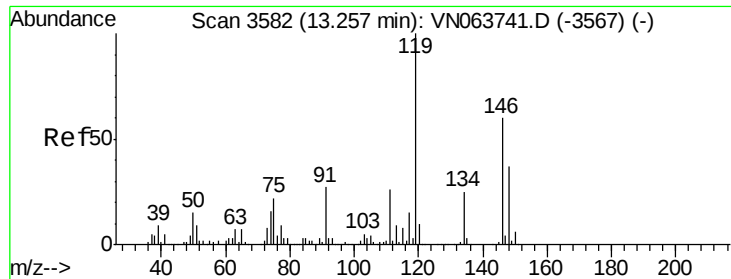
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#86
 p-Isopropyltoluene
 Concen: 19.818 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	211525		
134	25.5	12.6	37.8	
91	26.6	13.4	40.2	





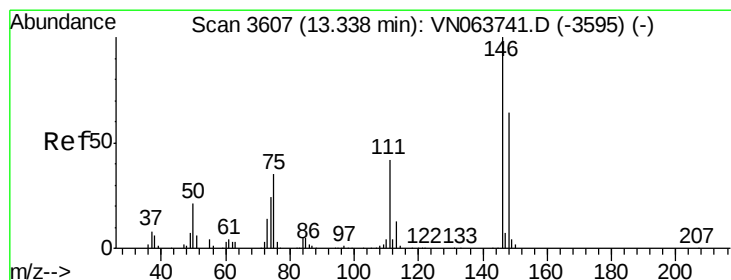
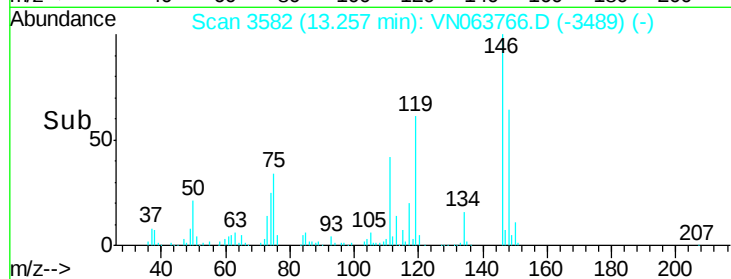
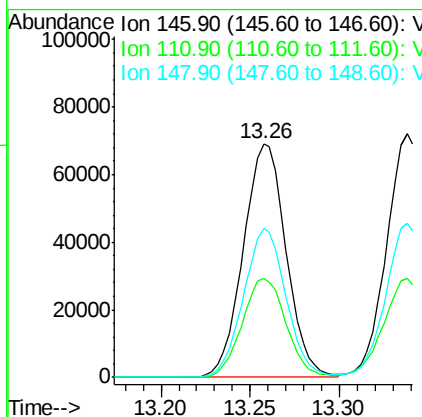
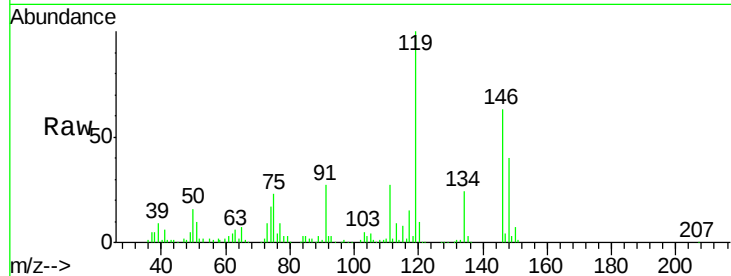
#87
 1,3-Dichlorobenzene
 Concen: 19.502 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	115883		
111	43.5	21.5	64.5	
148	63.1	31.1	93.3	

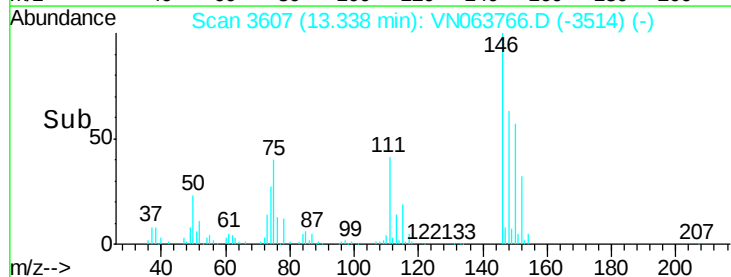
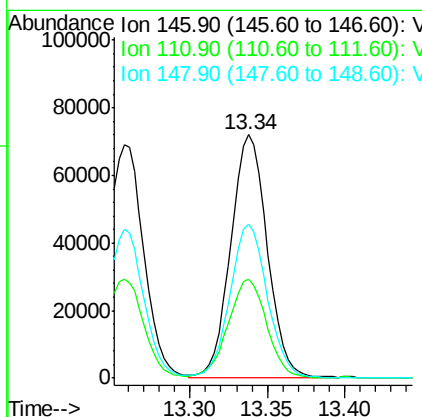
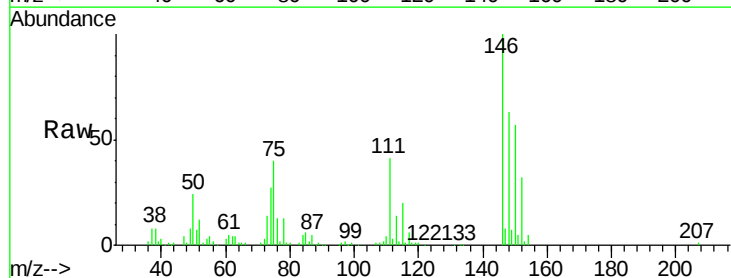
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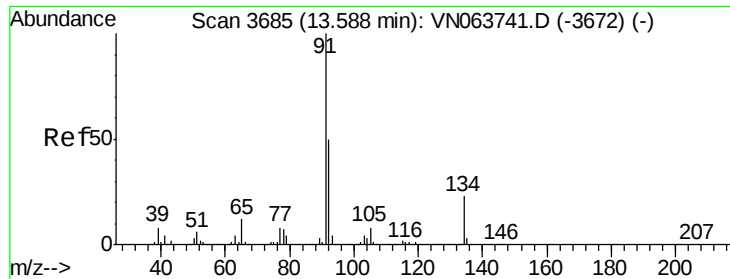
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#88
 1,4-Dichlorobenzene
 Concen: 18.897 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116914		
111	42.7	21.3	63.7	
148	65.5	32.0	96.0	





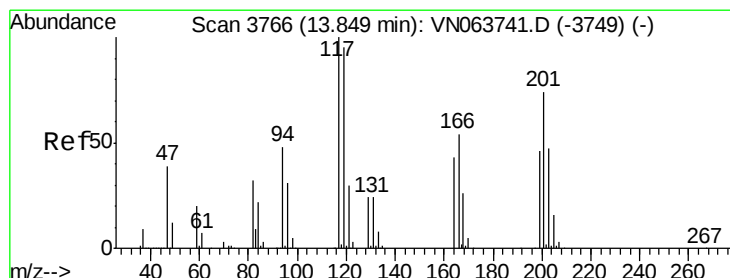
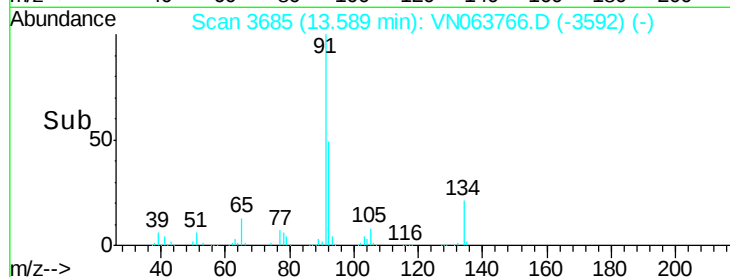
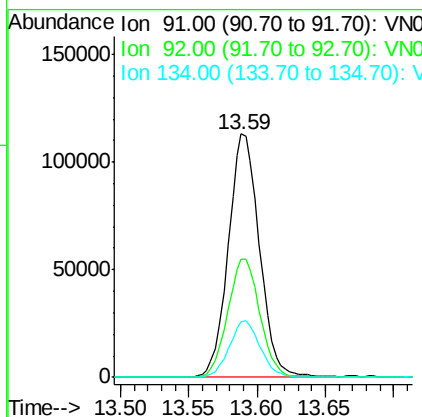
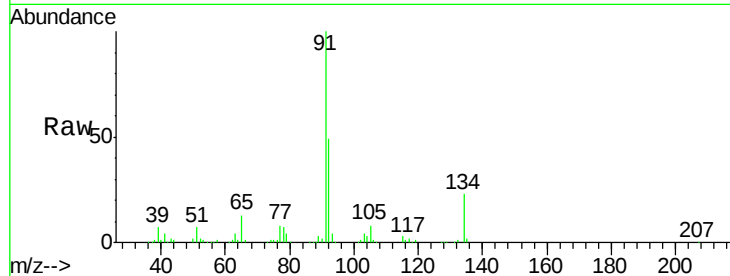
#89
n-Butylbenzene
Concen: 18.241 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	179699		
92	50.1		25.4	76.4
134	23.2		11.7	35.1

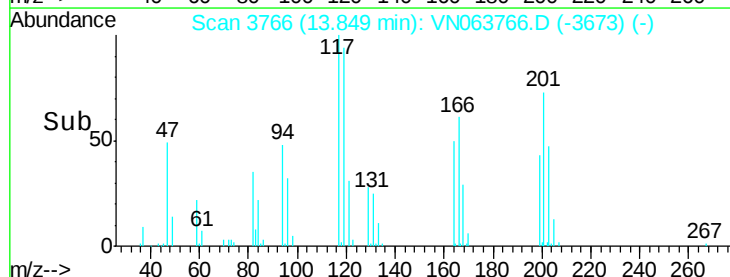
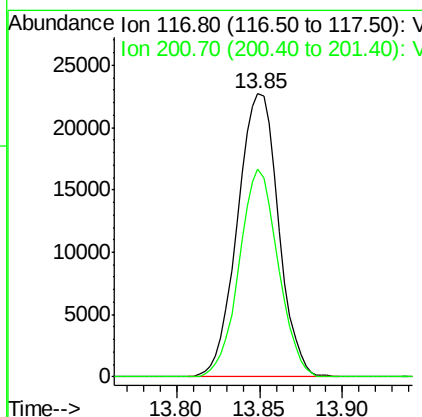
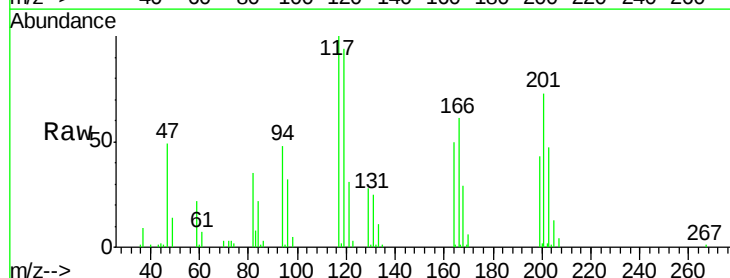
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#90
Hexachloroethane
Concen: 18.905 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39101		
201	69.5		36.0	108.0





#91

1,2-Dichlorobenzene

Concen: 19.429 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

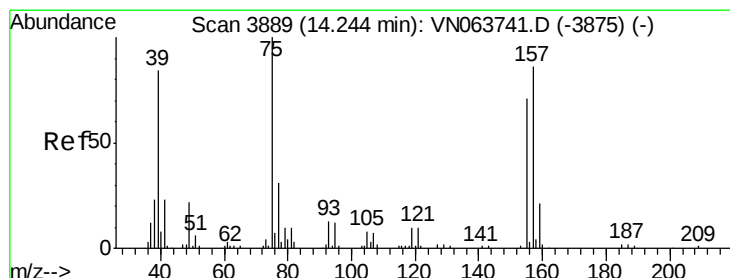
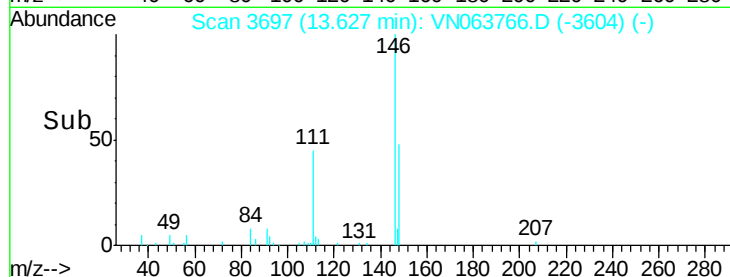
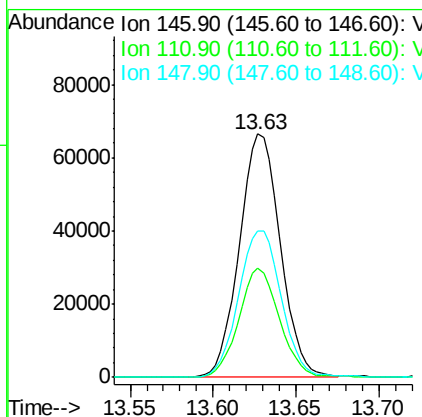
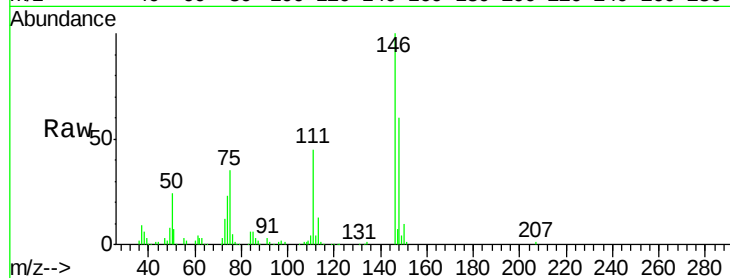
ClientSampleId :

VN1001WBSD01

Tot Ion:	146	Resp:	114349
Ion Ratio	Lower	Upper	
146	100		
111	44.7	22.2	66.6
148	63.3	32.5	97.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.376 ug/l

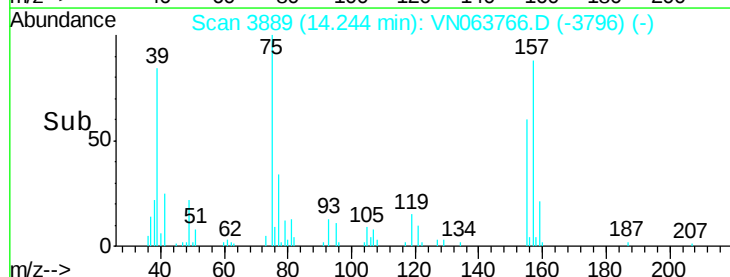
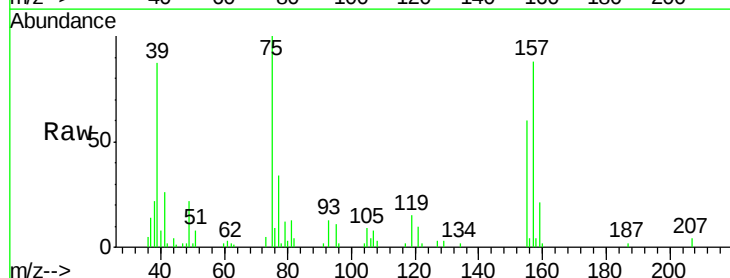
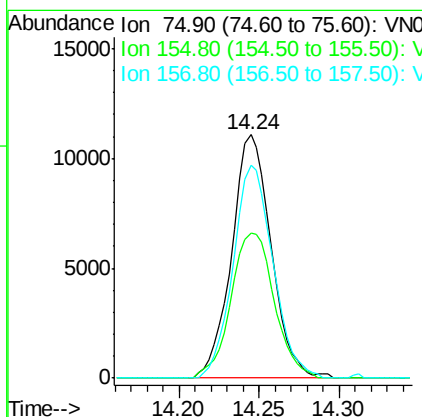
RT: 14.24 min Scan# 3889

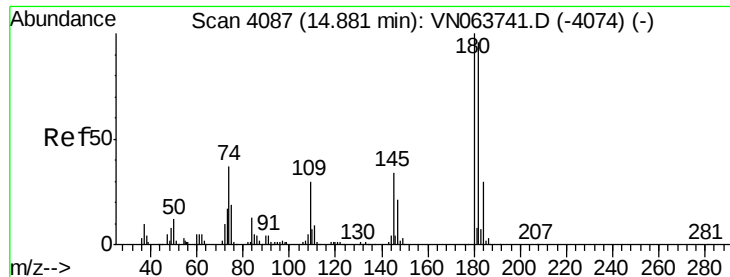
Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Tgt Ion:	75	Resp:	18600
Ion Ratio	Lower	Upper	
75	100		
155	65.5	34.8	104.5
157	88.3	43.7	131.1





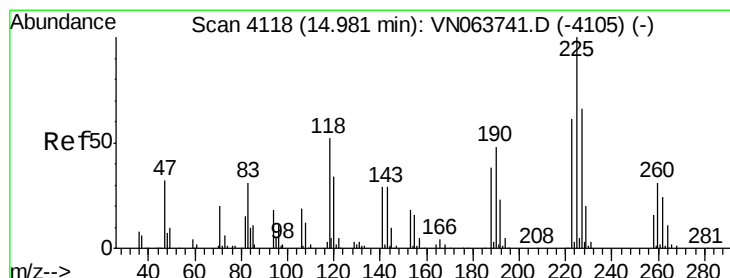
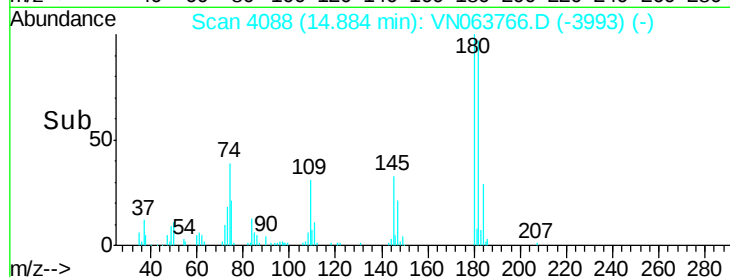
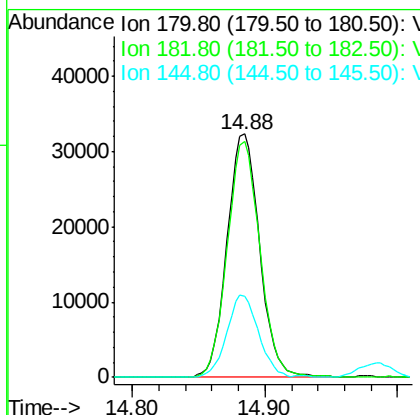
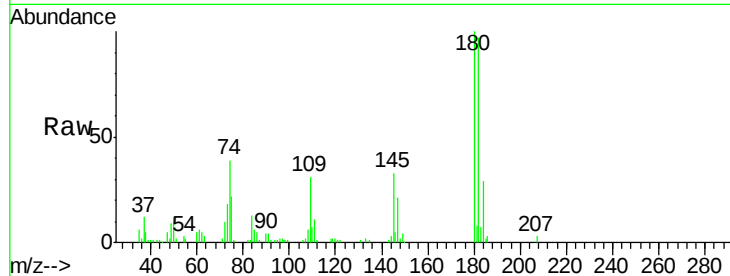
#93
 1,2,4-Trichlorobenzene
 Concen: 18.391 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tot Ion:180 Resp: 55217
 Ion Ratio Lower Upper
 180 100
 182 97.0 48.2 144.6
 145 32.9 17.1 51.2

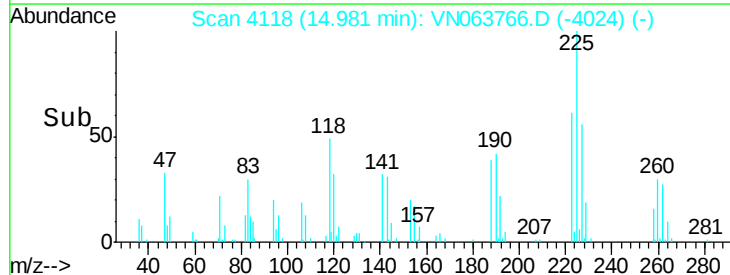
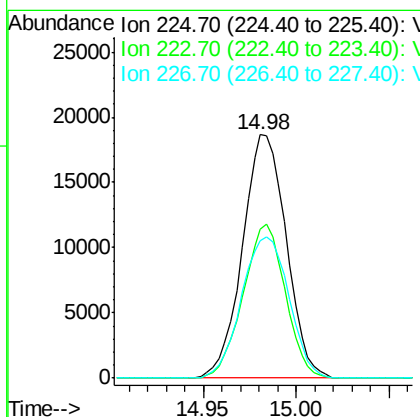
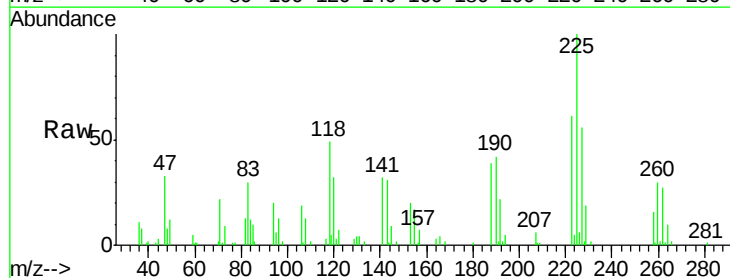
Manual Integrations
 APPROVED

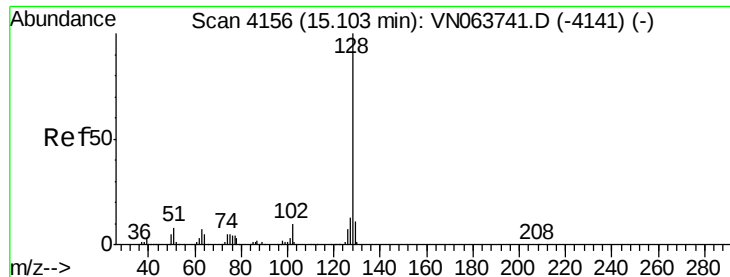
MMDadoda
 10/2/2020 3:11:16 PM



#94
 Hexachlorobutadiene
 Concen: 19.302 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion:225 Resp: 30736
 Ion Ratio Lower Upper
 225 100
 223 60.9 30.3 91.0
 227 62.8 31.9 95.5





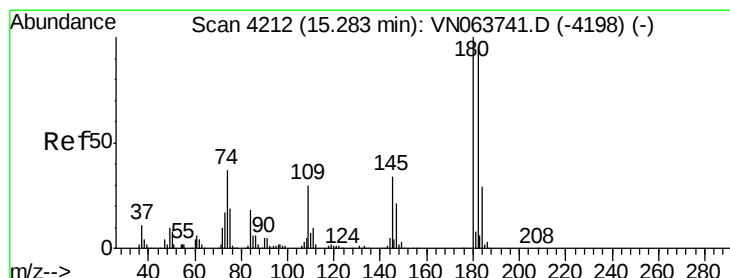
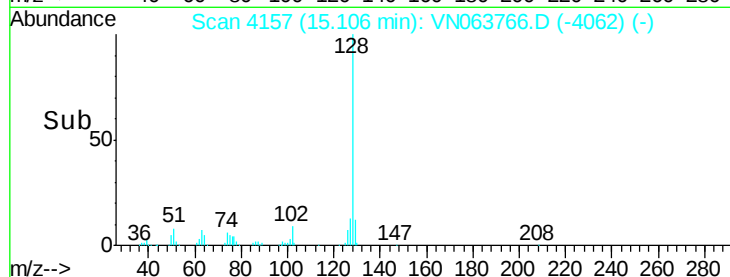
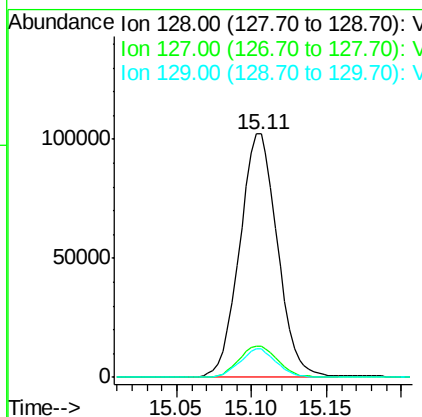
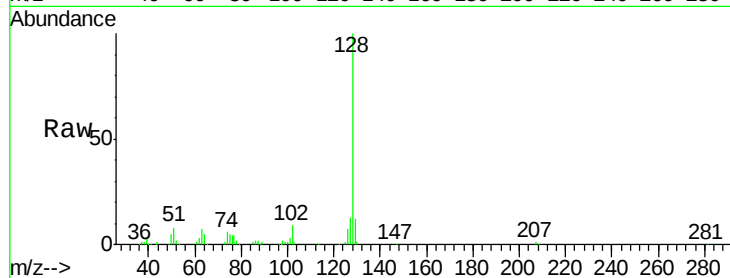
#95
Naphthalene
Concen: 19.391 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:11:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.535 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.6
145	32.2	17.2	51.5

