

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063287.D
 Acq On : 9 Sep 2020 17:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:32 PM

Quant Time: Sep 10 04:35:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	435693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	783648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	709905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	342229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	367426	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.55	113	270037	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.06	98	1027486	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.38	95	394232	58.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	191333	44.591	ug/l	98
3) Chloromethane	2.04	50	278371	44.553	ug/l	97
4) Vinyl Chloride	2.17	62	291476	42.232	ug/l	99
5) Bromomethane	2.52	94	181292	31.205	ug/l	99
6) Chloroethane	2.67	64	187327	34.136	ug/l	98
7) Trichlorofluoromethane	2.98	101	441109	46.020	ug/l	97
8) Diethyl Ether	3.37	74	161746	48.980	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	237980	50.729	ug/l	97
10) Methyl Iodide	3.91	142	326265	50.993	ug/l	99
11) Tert butyl alcohol	4.73	59	229246	262.217	ug/l	100
12) 1,1-Dichloroethene	3.70	96	232038	48.541	ug/l	97
13) Acrolein	3.57	56	67269	205.124	ug/l	96
14) Allyl chloride	4.28	41	470194	55.384	ug/l	97
15) Acrylonitrile	4.93	53	632225	258.088	ug/l	99
16) Acetone	3.77	43	548457	270.888	ug/l	99
17) Carbon Disulfide	4.01	76	628167	44.150	ug/l	99
18) Methyl Acetate	4.28	43	326026	62.802	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	871003	49.117	ug/l	99
20) Methylene Chloride	4.50	84	278347	48.881	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	253105	47.925	ug/l	91
22) Diisopropyl ether	5.90	45	991629	52.123	ug/l	99
23) Vinyl Acetate	5.84	43	4027395	265.307	ug/l	97
24) 1,1-Dichloroethane	5.80	63	529273	50.465	ug/l	97
25) 2-Butanone	6.78	43	877360	279.860	ug/l	98
26) 2,2-Dichloropropane	6.78	77	437029	45.991	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	308460	48.052	ug/l	96
28) Bromochloromethane	7.15	49	262014	47.818	ug/l	99
29) Tetrahydrofuran	7.16	42	582409	268.675	ug/l	96
30) Chloroform	7.33	83	529518	48.257	ug/l	98
31) Cyclohexane	7.61	56	446749	48.277	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	463216	48.990	ug/l	99
36) 1,1-Dichloropropene	7.75	75	388379	51.553	ug/l	98
37) Ethyl Acetate	6.88	43	380010	53.393	ug/l #	96
38) Carbon Tetrachloride	7.74	117	395296	51.740	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	420305	49.662	ug/l	96
40) Benzene	8.00	78	1145260	51.732	ug/l	99
41) Methacrylonitrile	7.12	41	154231	48.596	ug/l	88
42) 1,2-Dichloroethane	8.09	62	443128	53.585	ug/l	98
43) Isopropyl Acetate	8.13	43	688702	56.055	ug/l	98
44) Trichloroethene	8.80	130	295519	55.033	ug/l	100
45) 1,2-Dichloropropane	9.09	63	315861	53.887	ug/l	97
46) Dibromomethane	9.18	93	206429	53.143	ug/l	98
47) Bromodichloromethane	9.37	83	439855	52.829	ug/l	100
48) Methyl methacrylate	9.17	41	327155	59.068	ug/l	95
49) 1,4-Dioxane	9.17	88	91602	1069.288	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1970380	295.126	ug/l	99
52) Toluene	10.13	92	705730	51.174	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	477976	52.482	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	507718	53.109	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	278744	52.778	ug/l	98
56) Ethyl methacrylate	10.40	69	442477	55.051	ug/l	97
57) 1,3-Dichloropropane	10.68	76	497434	52.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1084292	260.511	ug/l	97
59) 2-Hexanone	10.72	43	1446260	308.234	ug/l	97
60) Dibromochloromethane	10.87	129	319137	54.656	ug/l	99
61) 1,2-Dibromoethane	10.98	107	287337	52.335	ug/l	98
64) Tetrachloroethene	10.60	164	296110	58.086	ug/l	98
65) Chlorobenzene	11.41	112	755587	52.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	283919	53.482	ug/l	99
67) Ethyl Benzene	11.49	91	1417609	54.347	ug/l	100
68) m/p-Xylenes	11.59	106	1034545	107.087	ug/l	99
69) o-Xylene	11.92	106	502748	53.869	ug/l	97
70) Styrene	11.94	104	855959	53.367	ug/l	97
71) Bromoform	12.10	173	203145	56.387	ug/l #	99
73) Isopropylbenzene	12.23	105	1360449	51.829	ug/l	100
74) N-amyl acetate	12.05	43	612503	56.335	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	381223	50.376	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	348382m	51.811	ug/l	
77) Bromobenzene	12.50	156	309567	52.148	ug/l	100
78) n-propylbenzene	12.57	91	1589516	52.332	ug/l	99
79) 2-Chlorotoluene	12.65	91	952312	52.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1150353	52.652	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	136695	49.135	ug/l	94
82) 4-Chlorotoluene	12.75	91	990287	52.486	ug/l	99
83) tert-Butylbenzene	12.97	119	956283	51.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1158694	52.614	ug/l	98
85) sec-Butylbenzene	13.15	105	1255175	51.398	ug/l	100
86) p-Isopropyltoluene	13.26	119	1132373	52.229	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	576159	52.832	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	577297	51.124	ug/l	98
89) n-Butylbenzene	13.59	91	1029058	51.377	ug/l	99
90) Hexachloroethane	13.85	117	198674	49.502	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	568230	53.694	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88774	53.358	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	318615	53.889	ug/l	99
94) Hexachlorobutadiene	14.98	225	122257	55.352	ug/l	98
95) Naphthalene	15.11	128	999577	50.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	301987	52.426	ug/l	98

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

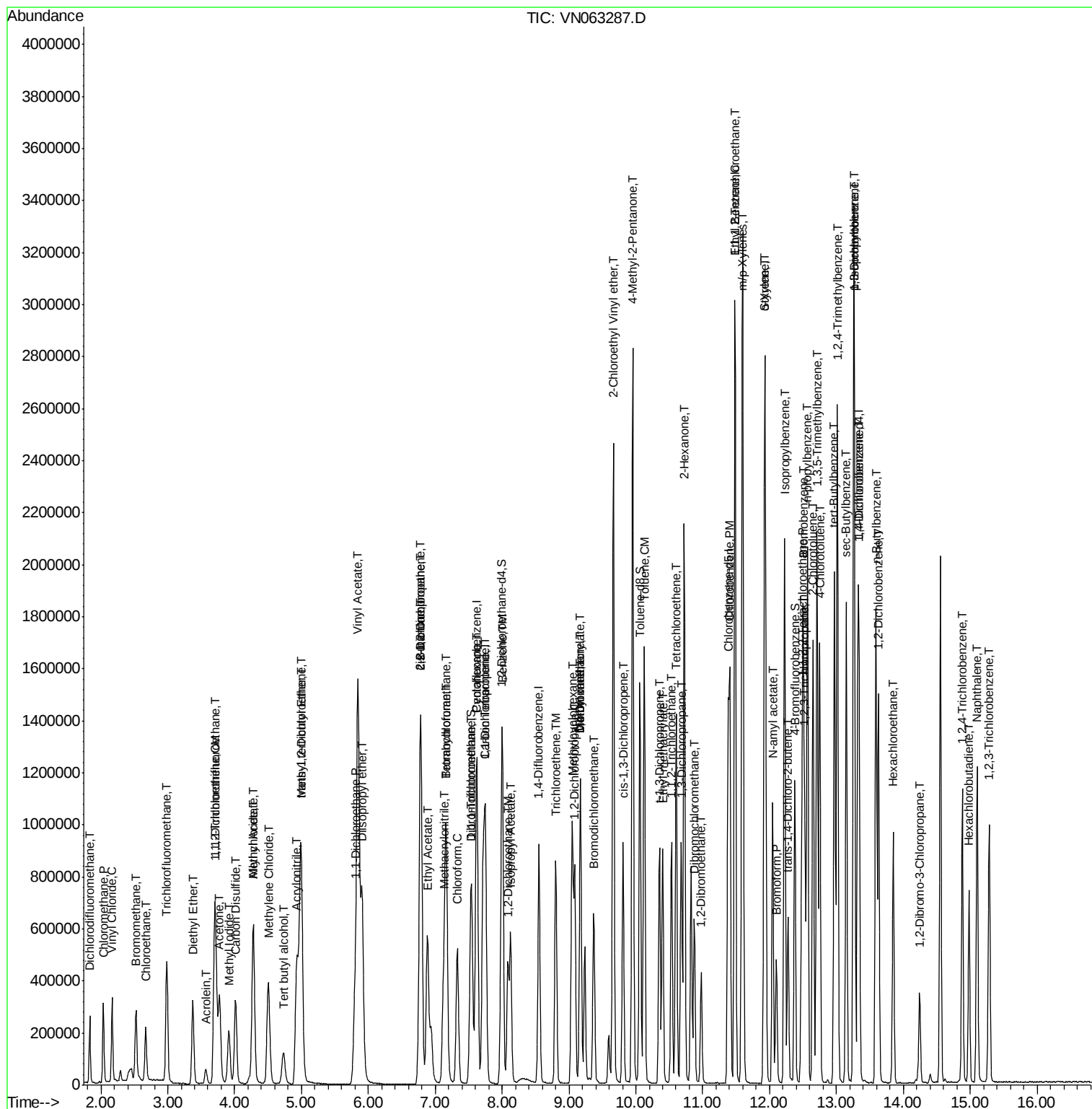
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090920\
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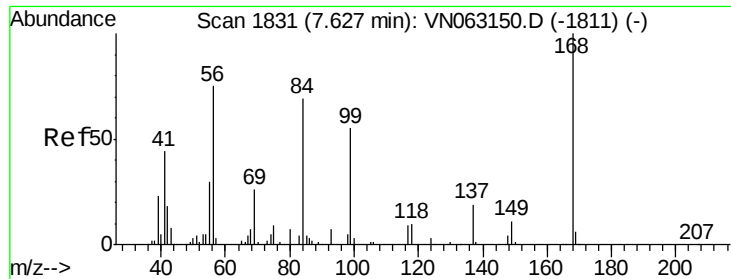
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 435693

Ion Ratio Lower Upper

168 100

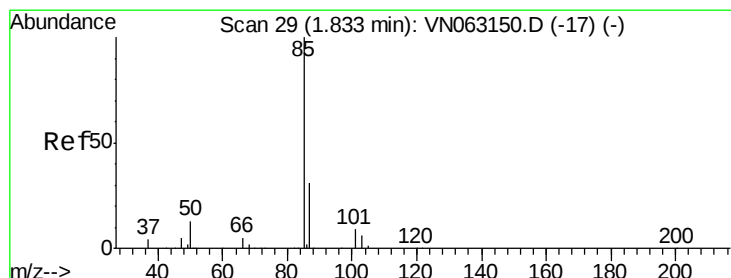
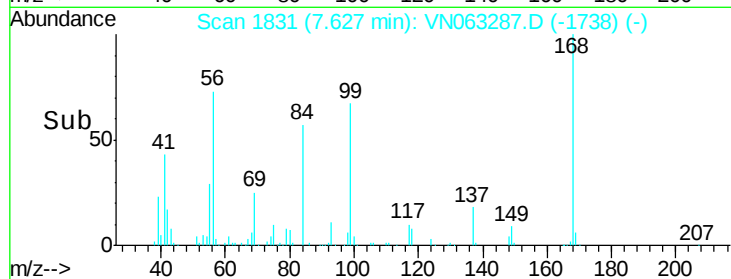
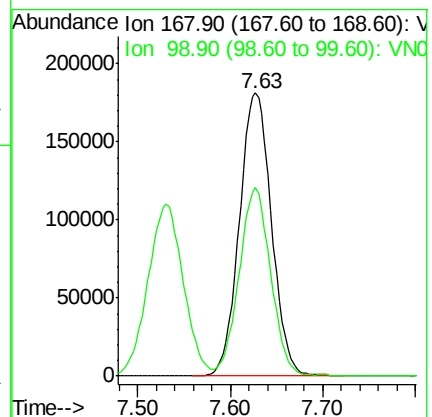
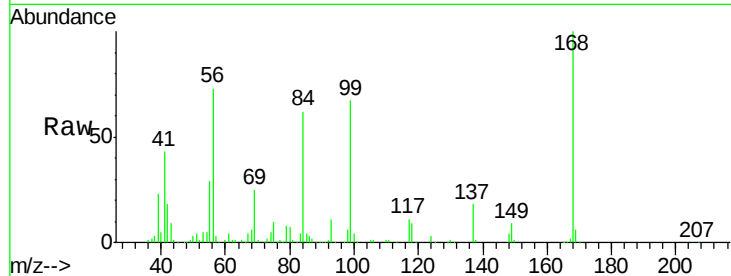
99 66.3 54.2 81.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.591 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063287.D

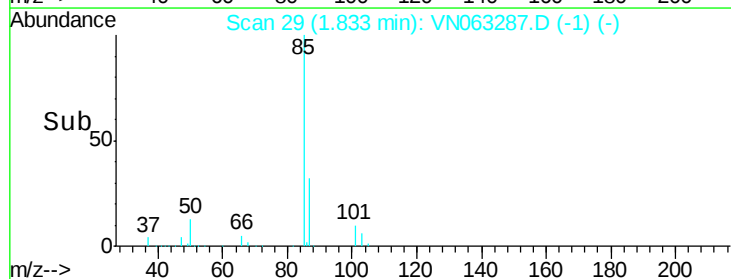
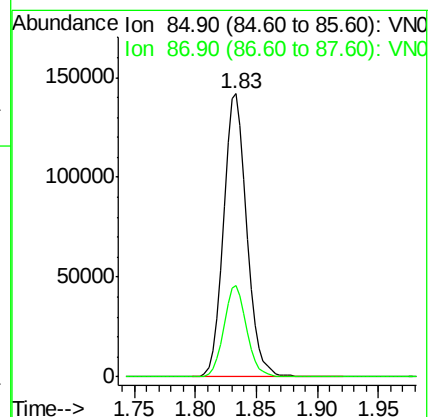
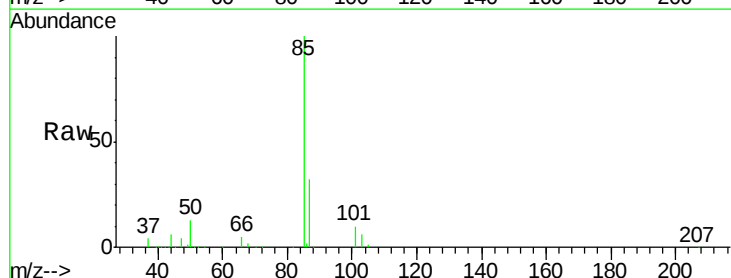
Acq: 9 Sep 2020 17:03

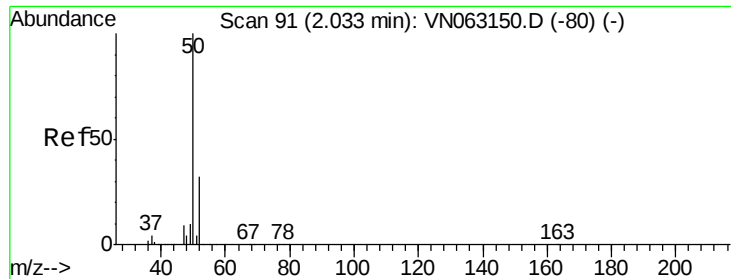
Tgt Ion: 85 Resp: 191333

Ion Ratio Lower Upper

85 100

87 32.2 15.6 46.8





#3

Chloromethane

Concen: 44.553 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 278371

Ion Ratio Lower Upper

50 100

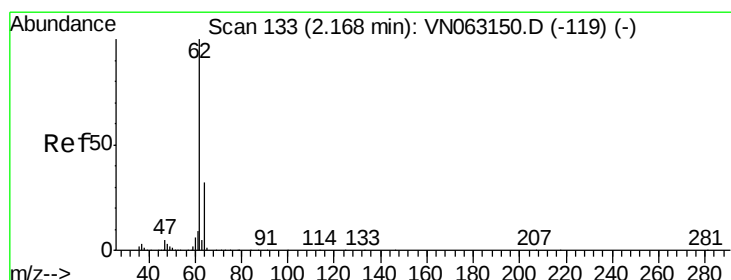
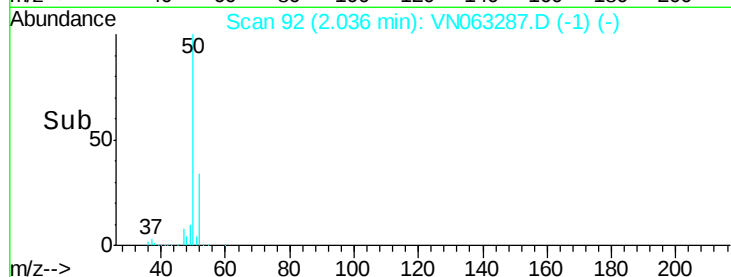
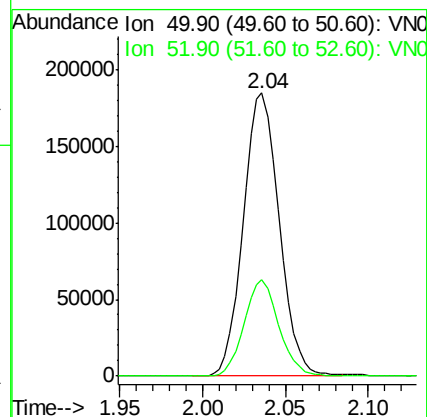
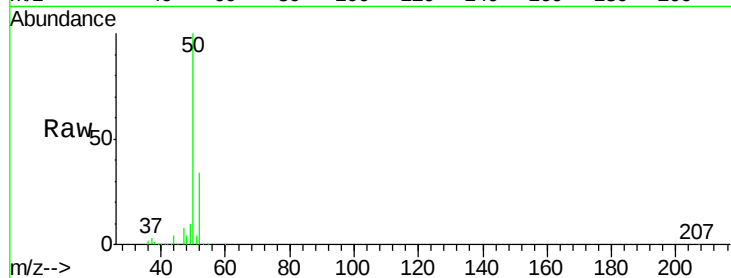
52 33.9 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.232 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063287.D

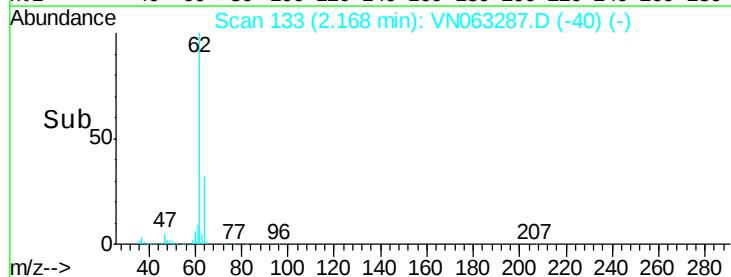
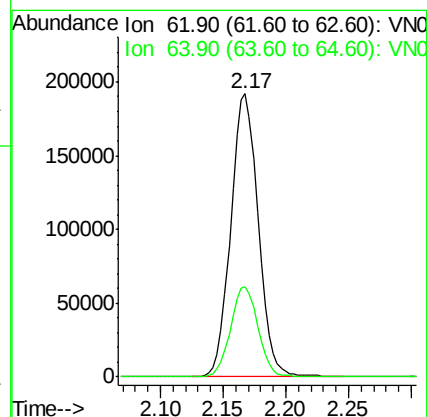
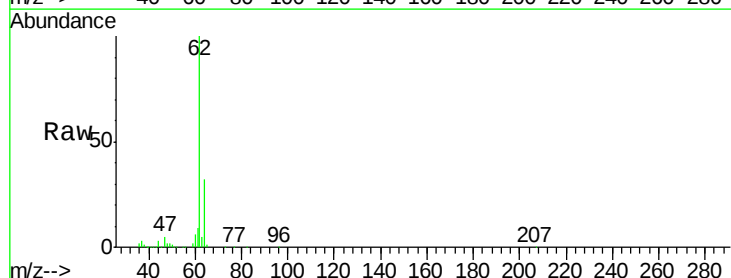
Acq: 9 Sep 2020 17:03

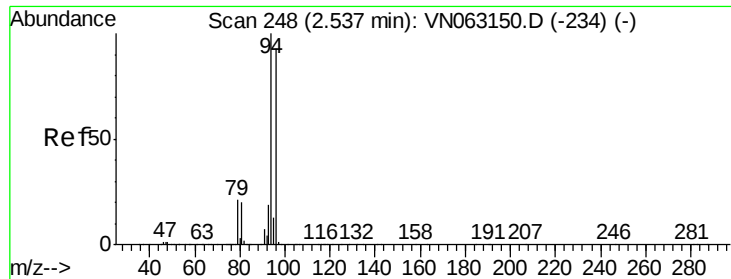
Tgt Ion: 62 Resp: 291476

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.8





#5

Bromomethane

Concen: 31.205 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 181292

Ion Ratio Lower Upper

94 100

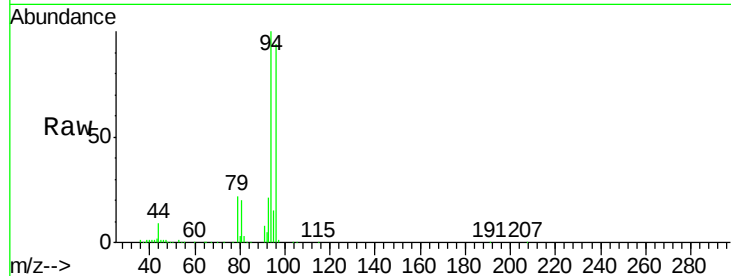
96 94.1 74.4 111.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.52

100000

80000

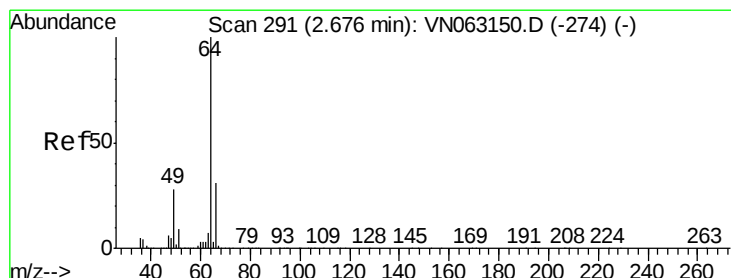
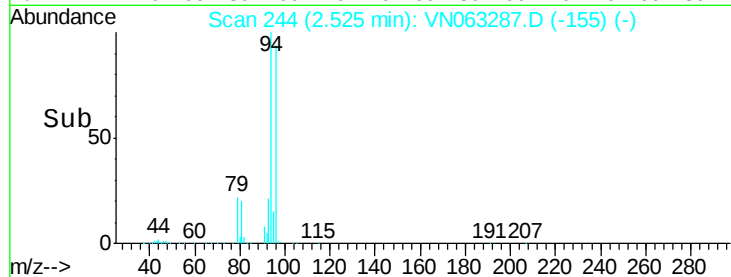
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 34.136 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN063287.D

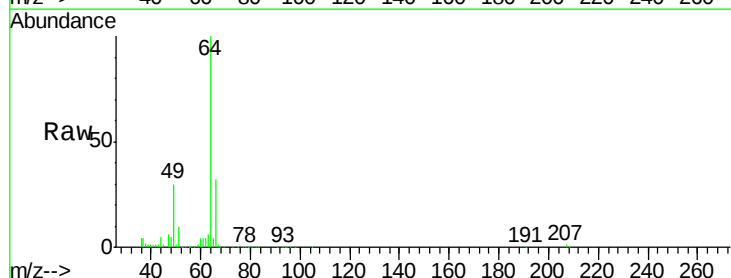
Acq: 9 Sep 2020 17:03

Tgt Ion: 64 Resp: 187327

Ion Ratio Lower Upper

64 100

66 32.2 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.67

100000

80000

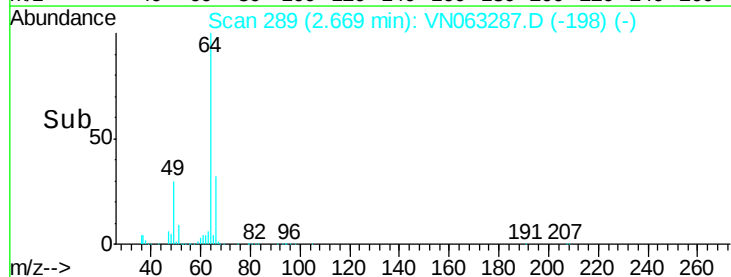
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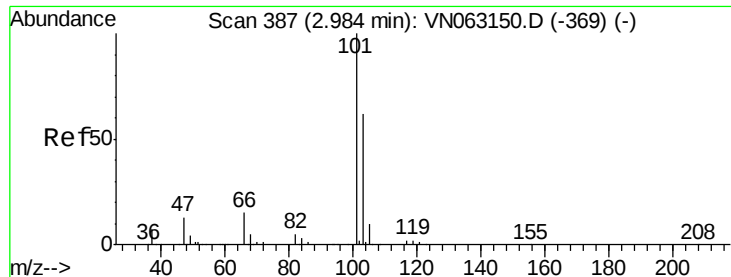
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Time-->





#7

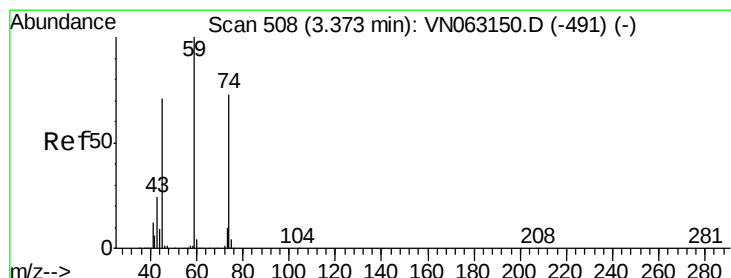
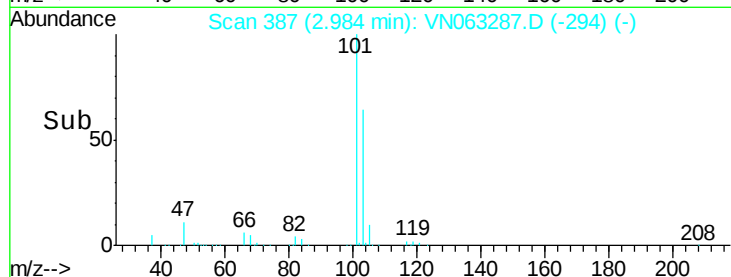
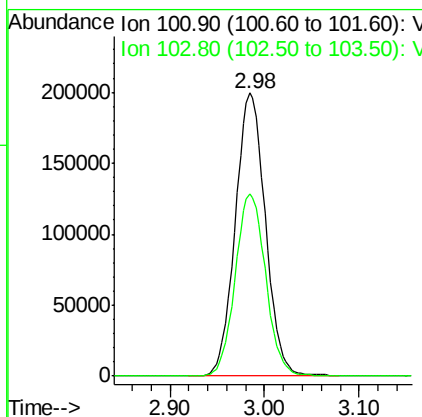
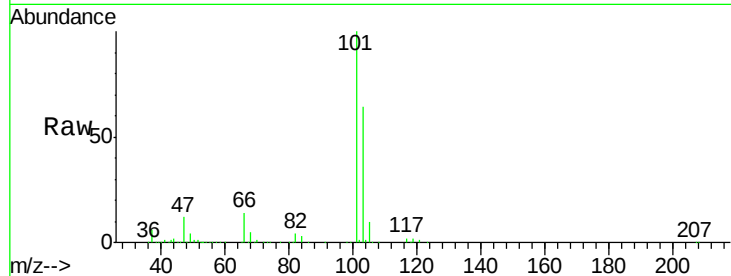
Trichlorofluoromethane
Concen: 46.020 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	49.7	74.5

Manual Integrations
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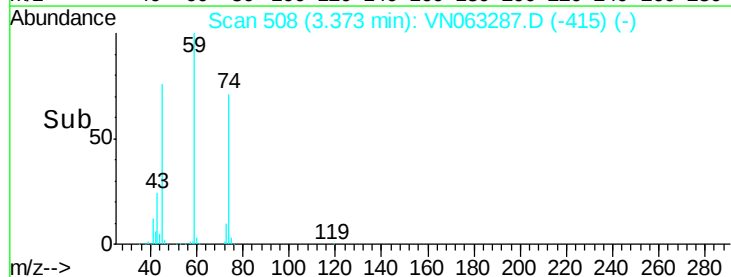
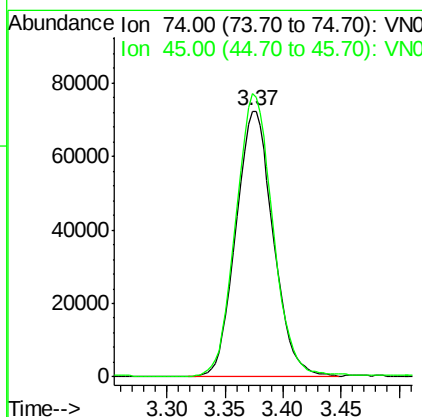
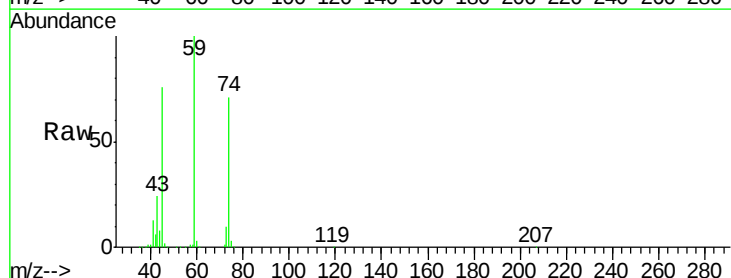
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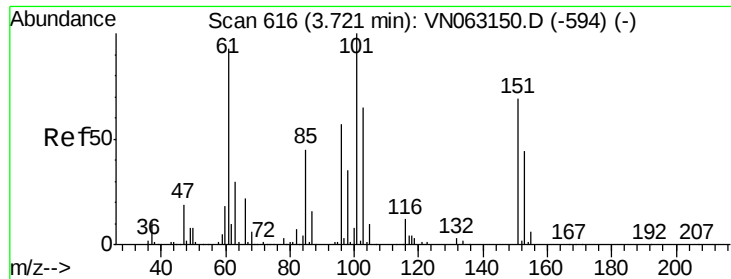


#8

Diethyl Ether
Concen: 48.980 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.1	49.5	148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.729 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

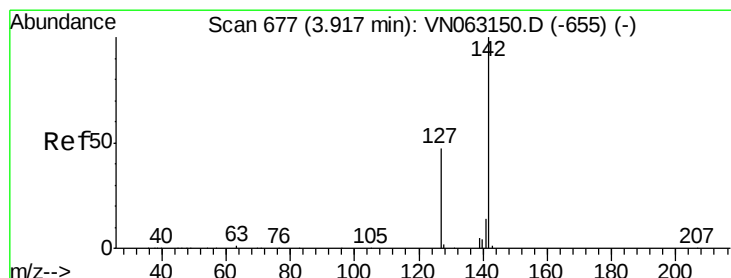
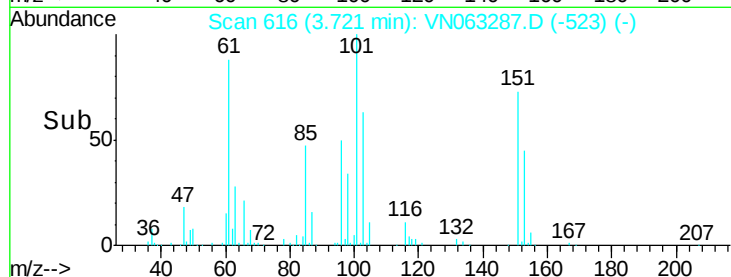
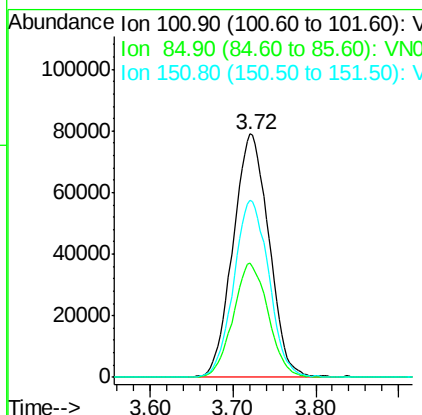
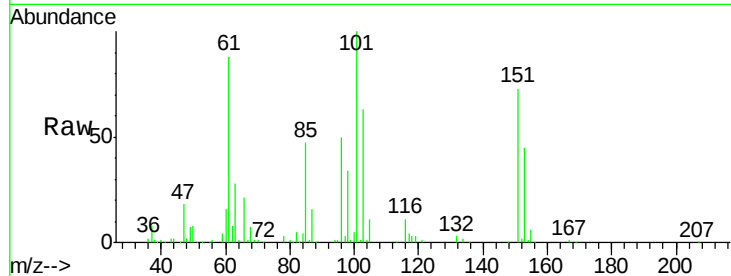
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	237980
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.8	56.8
151	71.3	55.0	82.4

Manual Integrations
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#10

Methyl Iodide

Concen: 50.993 ug/l

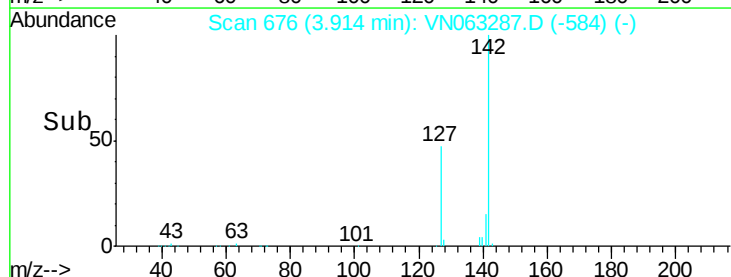
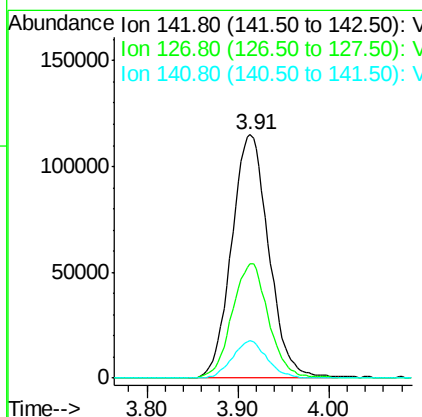
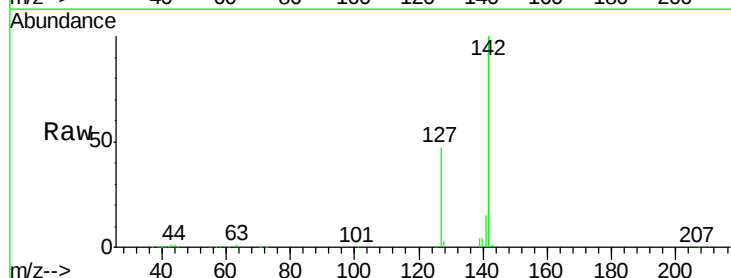
RT: 3.91 min Scan# 676

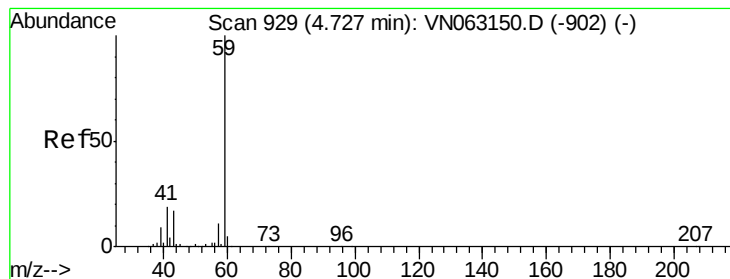
Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion:	142	Resp:	326265
Ion Ratio	Lower	Upper	
142	100		
127	46.3	37.6	56.4
141	14.5	11.3	16.9





#11

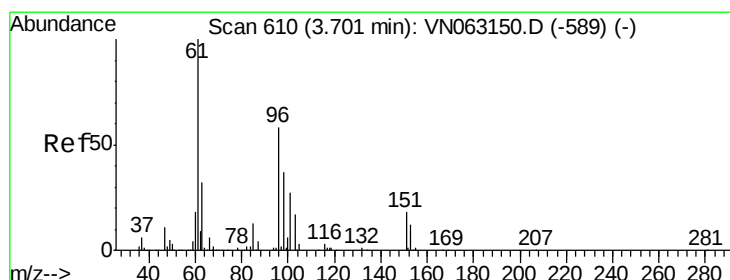
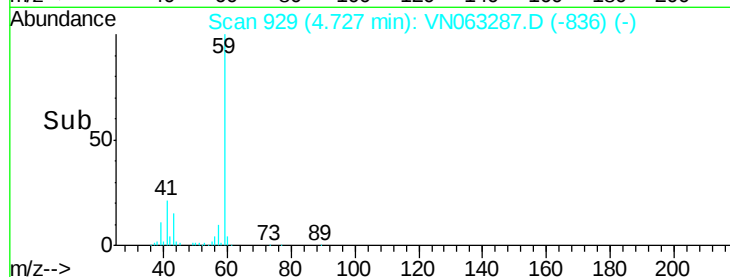
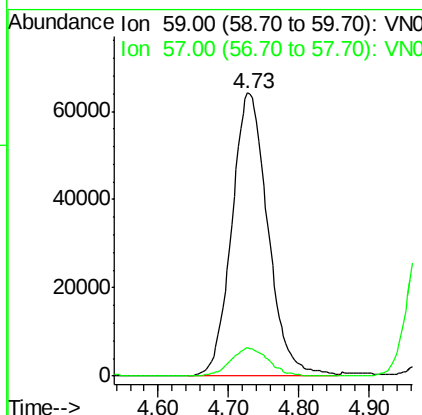
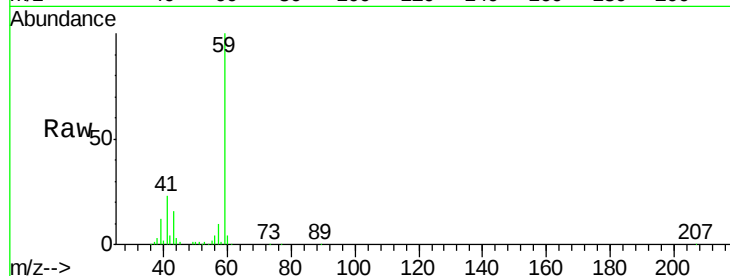
Tert butyl alcohol
 Concen: 262.217 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

Manual Integrations
 APPROVED

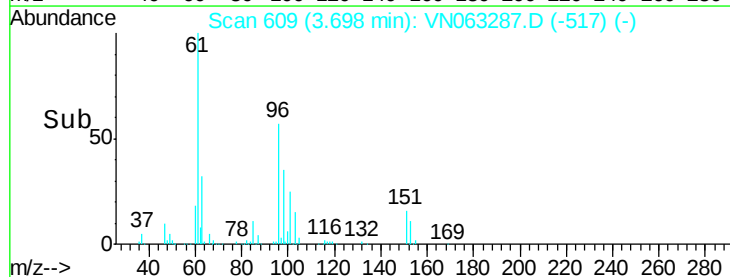
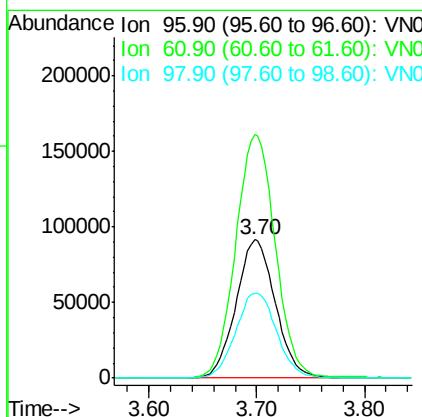
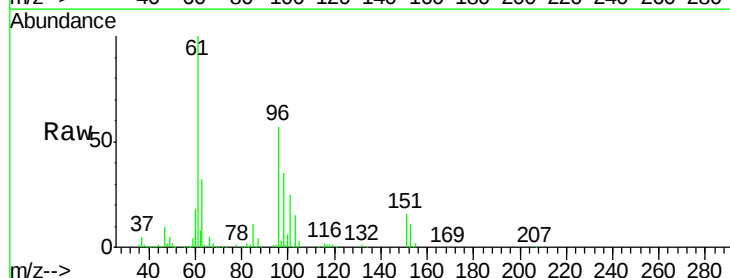
MMDadoda
 9/10/2020 4:04:32 PM

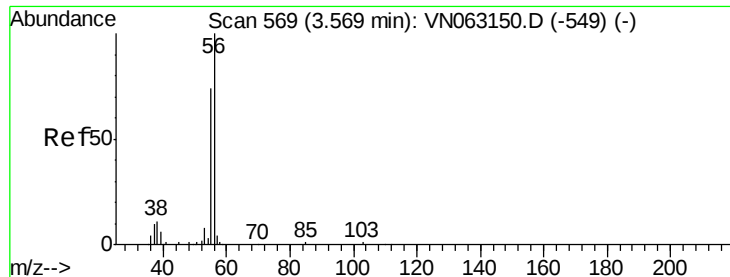


#12

1,1-Dichloroethene
 Concen: 48.541 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.7	137.4	206.2
98	61.6	50.5	75.7





#13

Acrolein

Concen: 205.124 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 67269

Ion Ratio Lower Upper

56 100

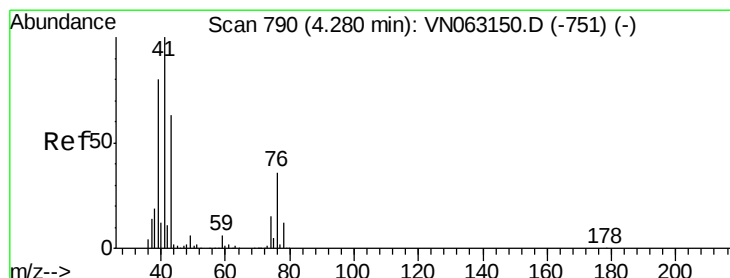
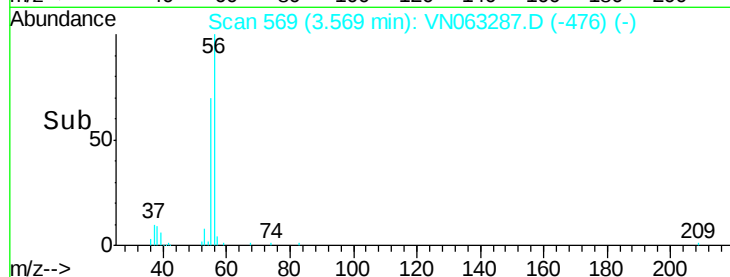
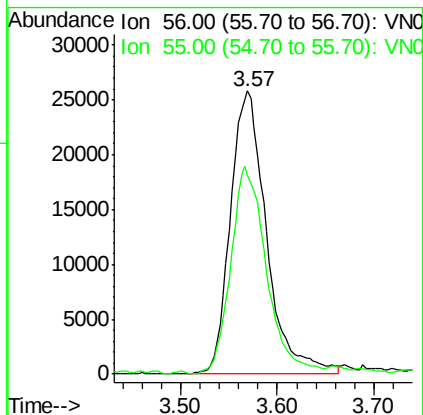
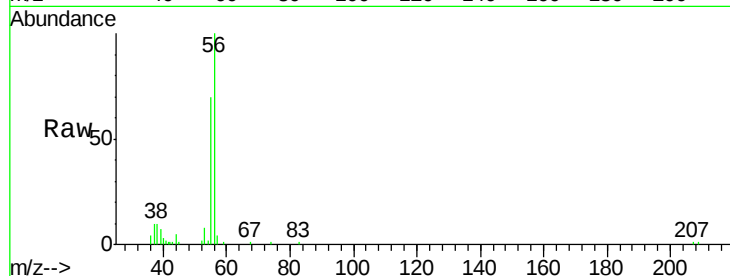
55 72.3 55.4 83.0

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 55.384 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

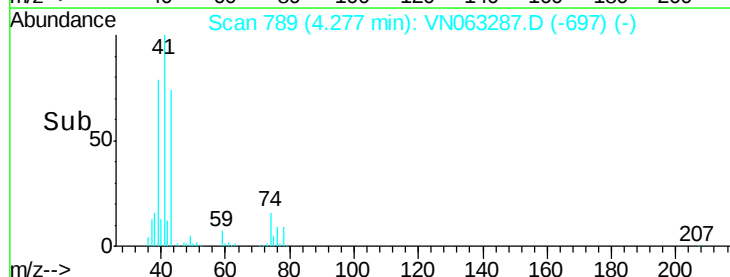
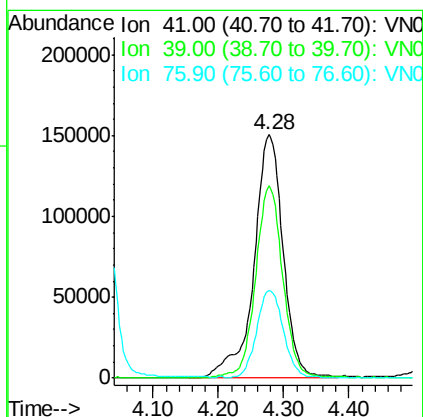
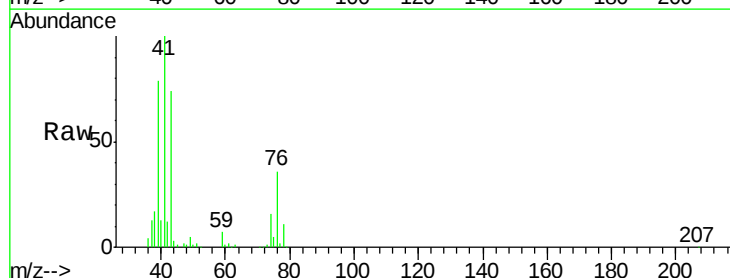
Tgt Ion: 41 Resp: 470194

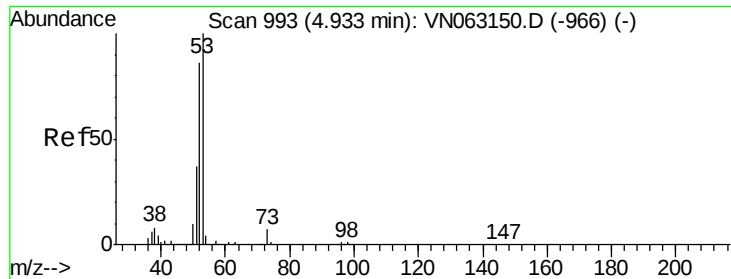
Ion Ratio Lower Upper

41 100

39 73.5 60.2 90.2

76 32.1 27.7 41.5





#15

Acrylonitrile

Concen: 258.088 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

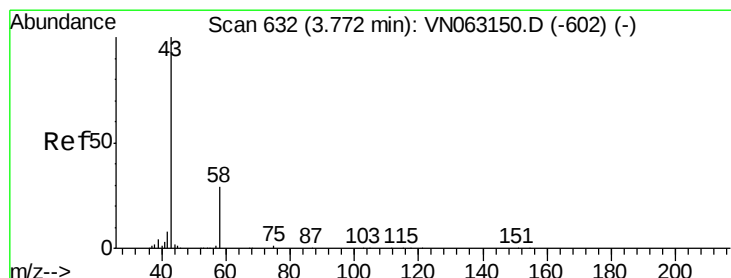
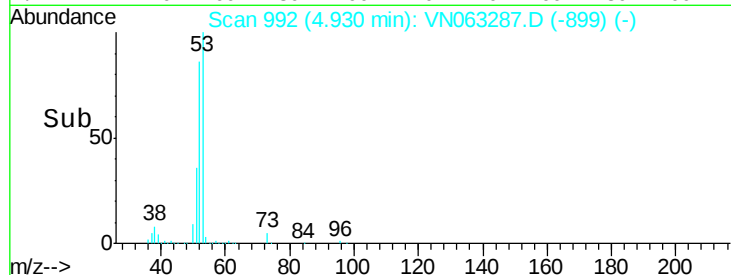
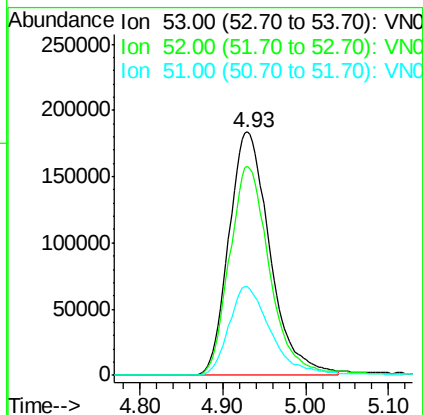
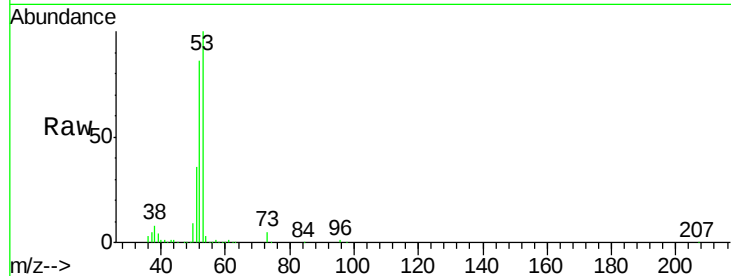
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	632225
Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.2	100.8
51	37.3	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 270.888 ug/l

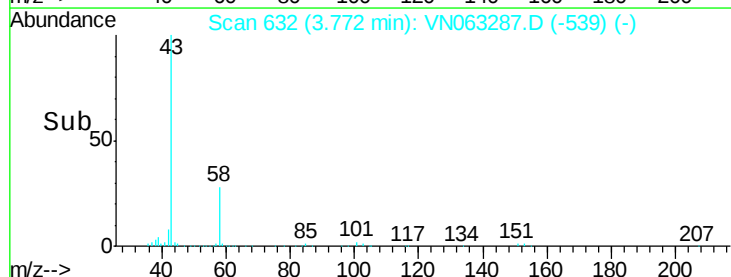
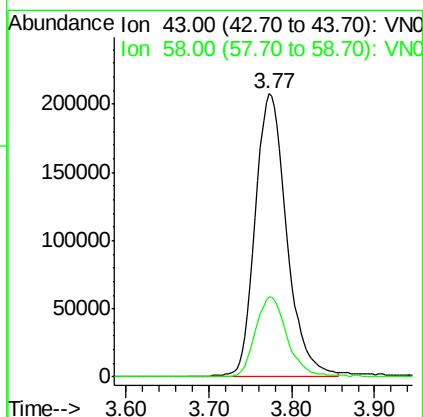
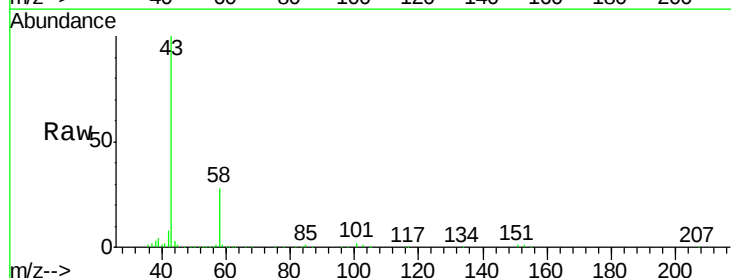
RT: 3.77 min Scan# 632

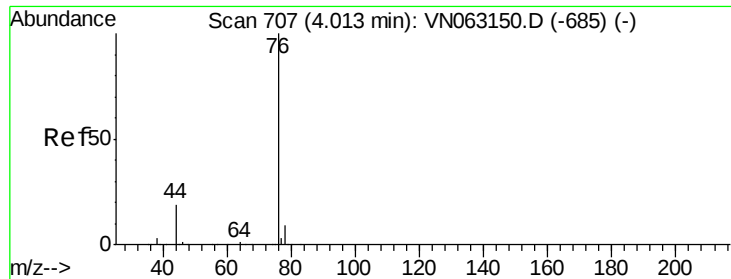
Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion:	43	Resp:	548457
Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.1	34.7





#17

Carbon Disulfide

Concen: 44.150 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 628167

Ion Ratio Lower Upper

76 100

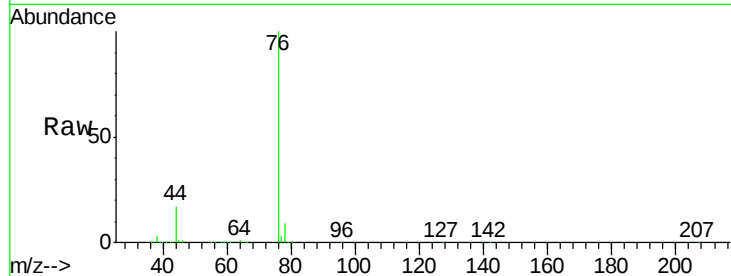
78 9.1 7.5 11.3

Manual Integrations

APPROVED

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

250000

200000

150000

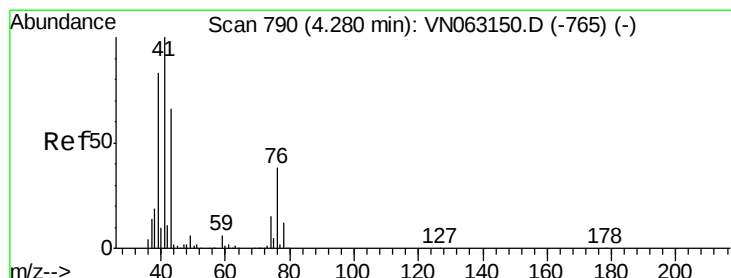
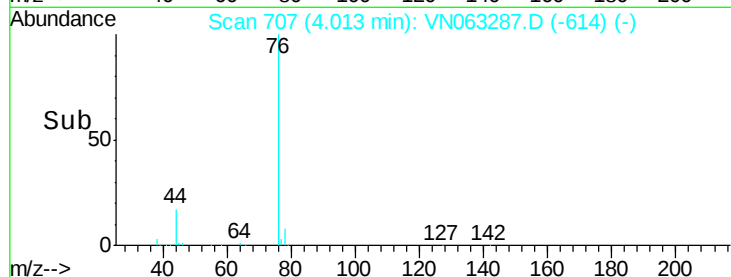
100000

50000

0

3.90 4.00 4.10

Time-->



#18

Methyl Acetate

Concen: 62.802 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063287.D

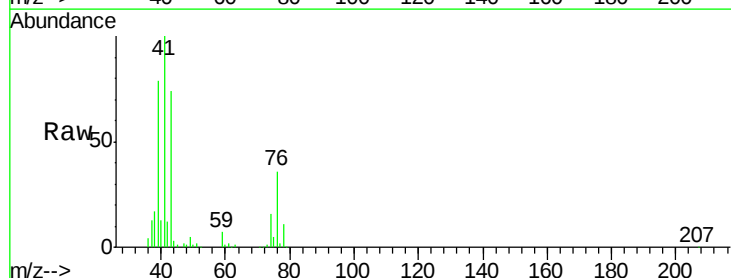
Acq: 9 Sep 2020 17:03

Tgt Ion: 43 Resp: 326026

Ion Ratio Lower Upper

43 100

74 21.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

120000

100000

80000

60000

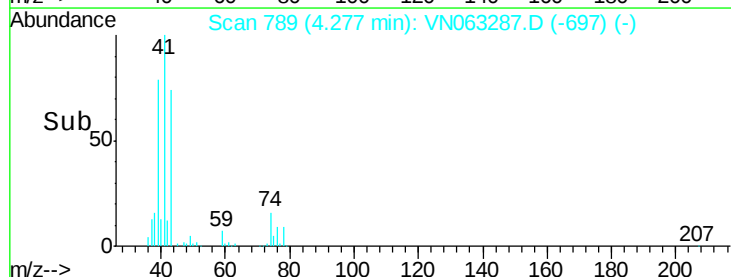
40000

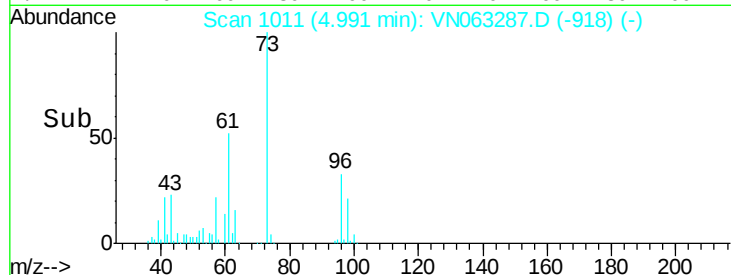
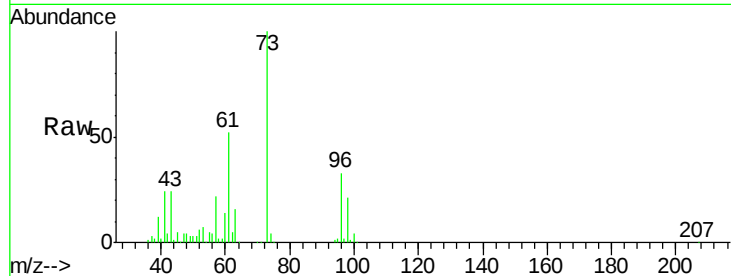
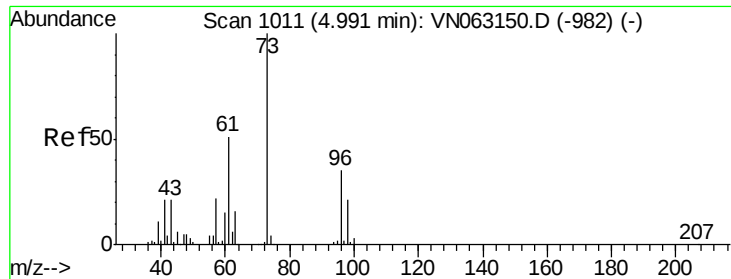
20000

0

4.20 4.30 4.40

Time-->





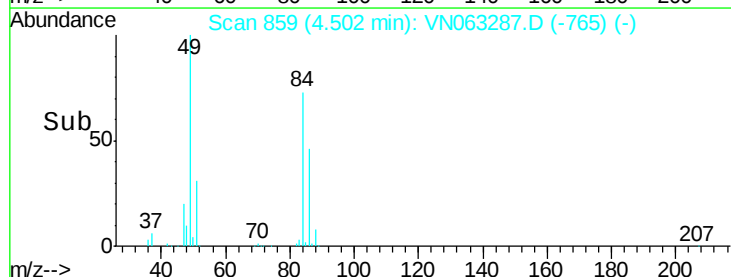
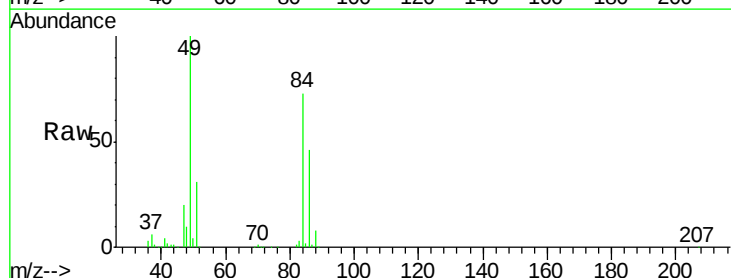
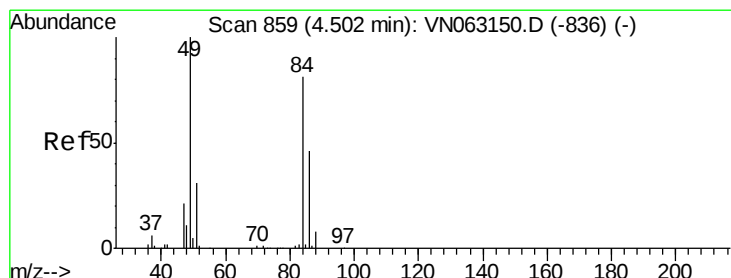
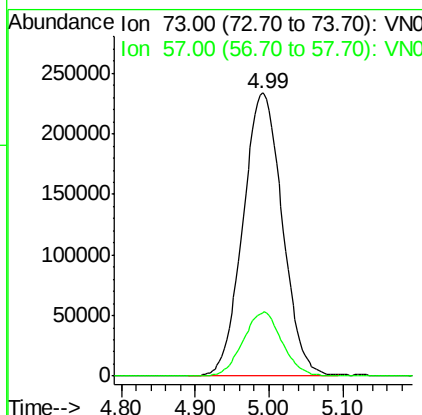
#19
Methyl tert-butyl Ether
Concen: 49.117 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tot Ion: 73 Resp: 871003
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

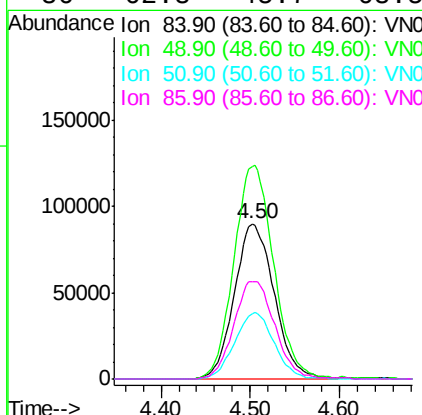
Manual Integrations
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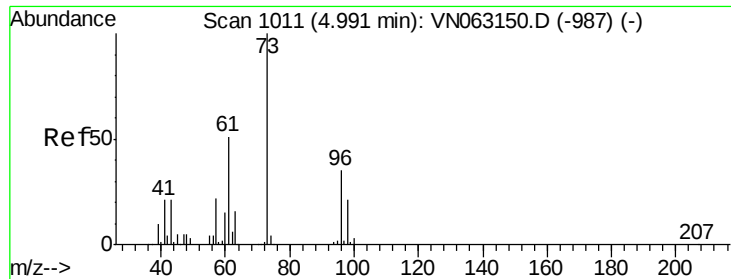
MMDadoda
9/10/2020 4:04:32 PM



#20
Methylene Chloride
Concen: 48.881 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 84 Resp: 278347
Ion Ratio Lower Upper
84 100
49 137.3 98.4 147.6
51 41.9 30.4 45.6
86 62.8 45.7 68.5





#21

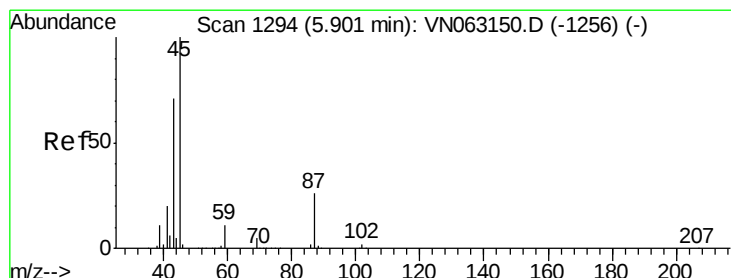
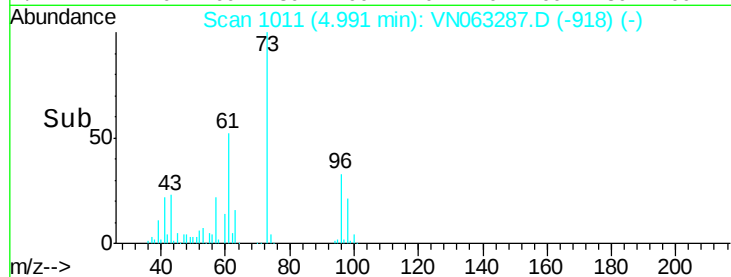
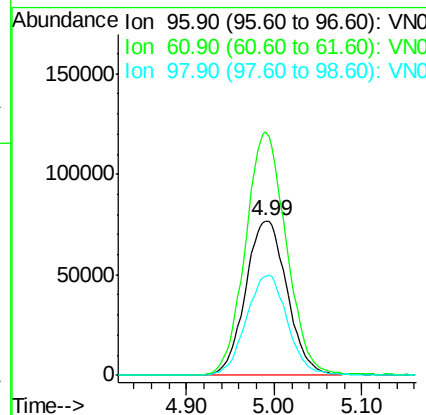
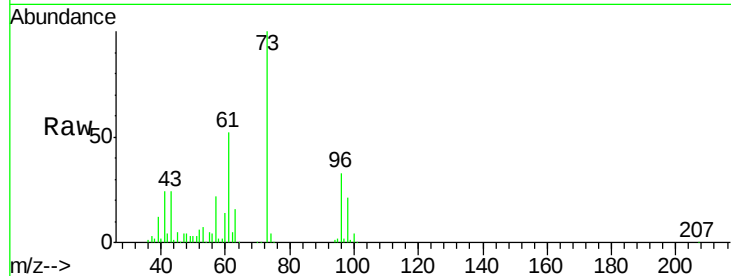
trans-1,2-Dichloroethene
Concen: 47.925 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.6	116.2	174.4
98	64.2	48.0	72.0

Manual Integrations
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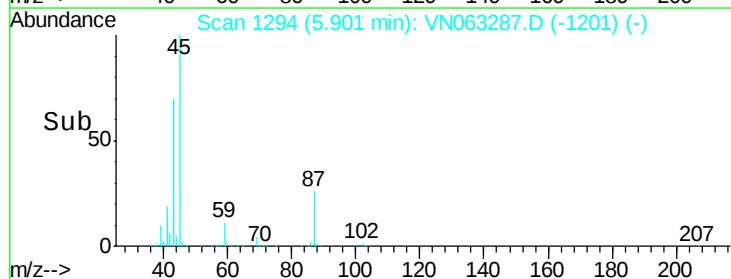
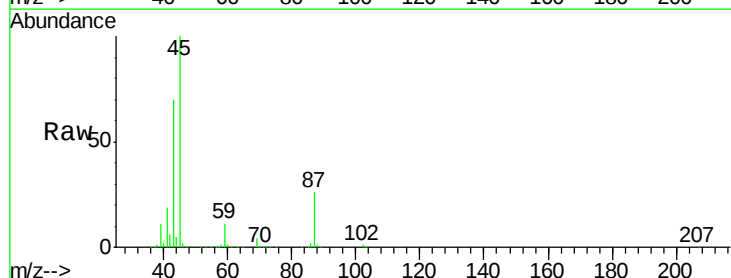
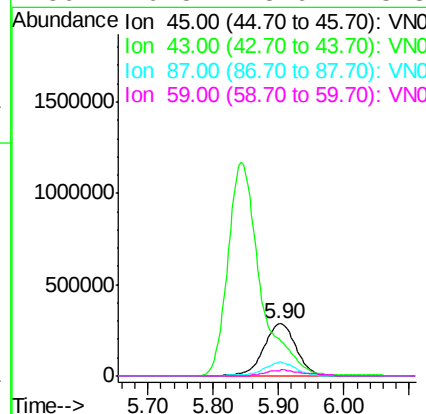
MMDadoda
9/10/2020 4:04:32 PM

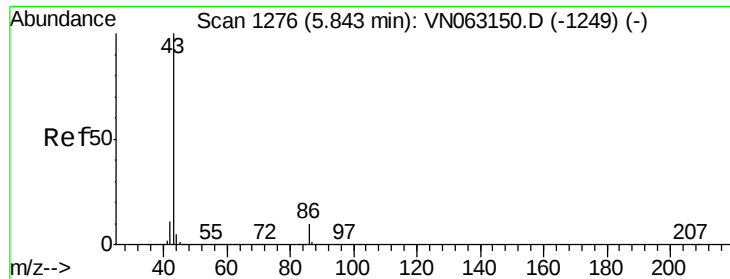


#22

Diisopropyl ether
Concen: 52.123 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.6	56.8	85.2
87	25.8	21.1	31.7
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 265.307 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4027395

Ion Ratio Lower Upper

43 100

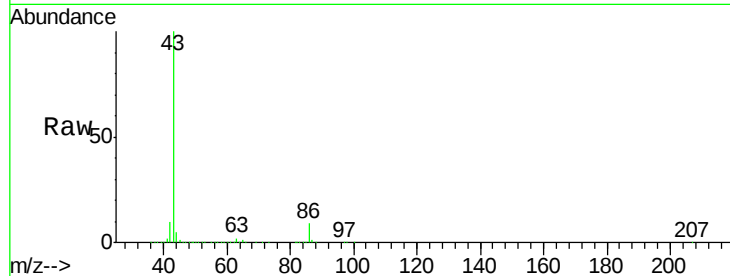
86 9.3 8.3 12.5

Manual Integrations

APPROVED

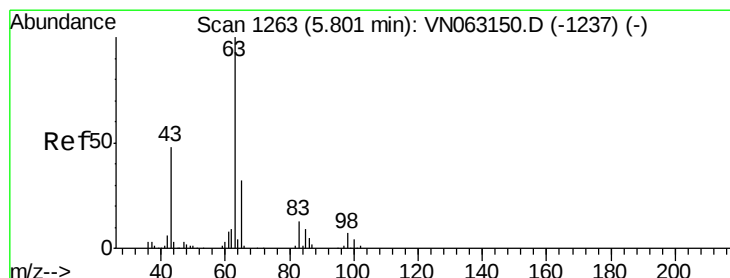
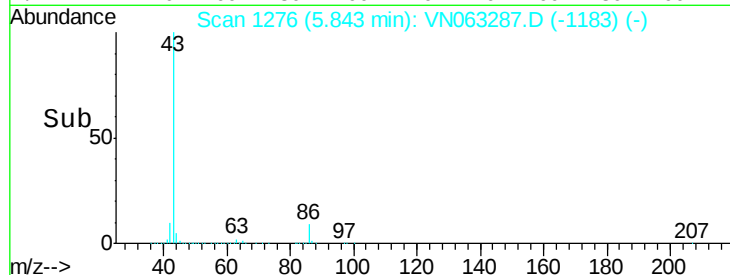
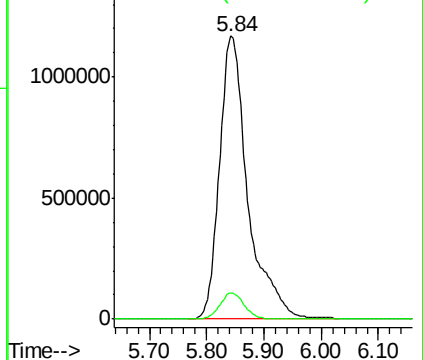
MMDadoda

9/10/2020 4:04:32 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.465 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

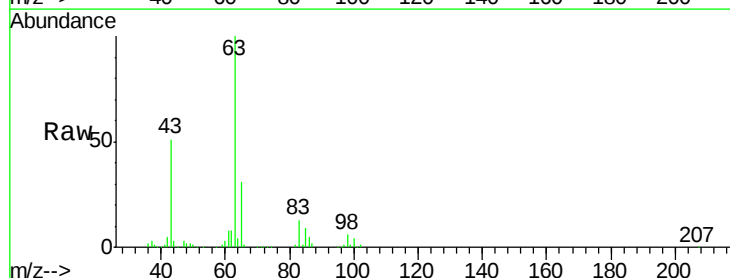
Tgt Ion: 63 Resp: 529273

Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.1

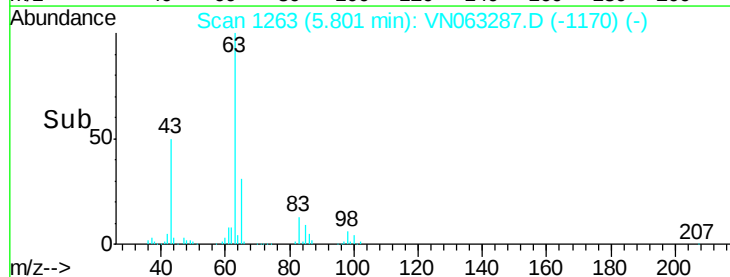
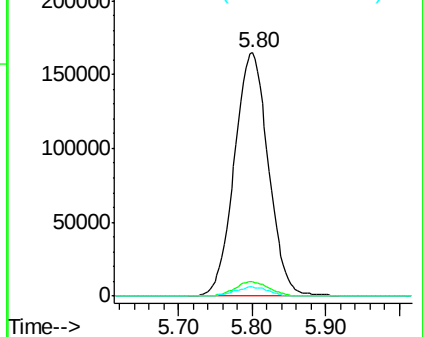
100 3.6 2.3 6.8

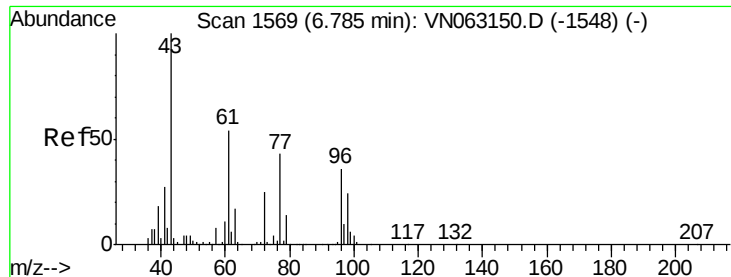


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





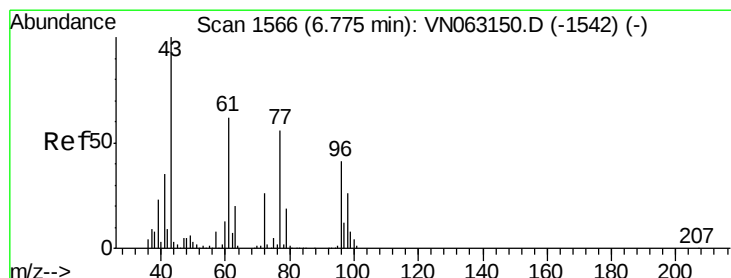
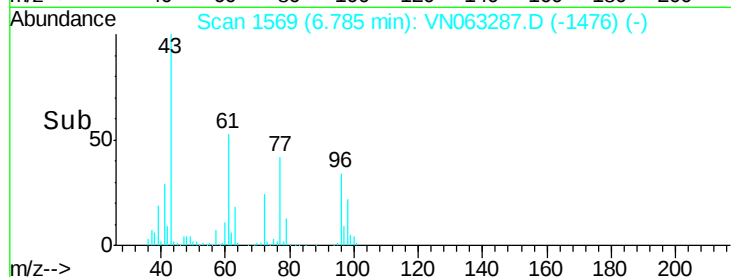
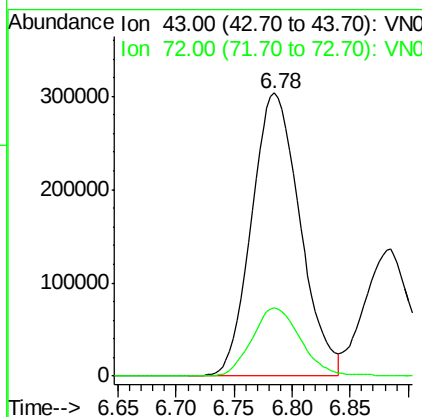
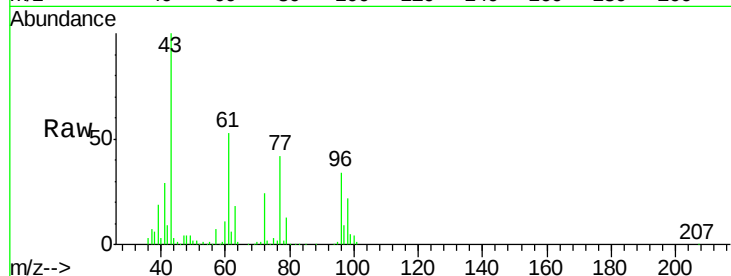
#25
2-Butanone
Concen: 279.860 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 877360
Ion Ratio Lower Upper
43 100
72 24.1 20.2 30.4

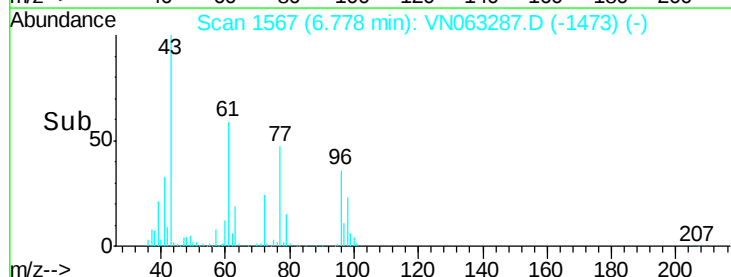
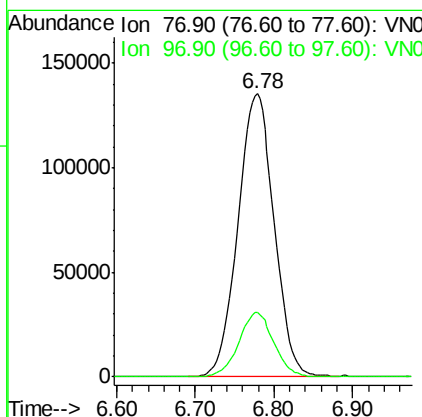
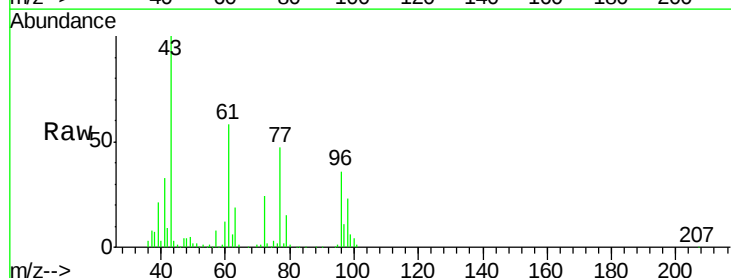
Manual Integrations
APPROVED

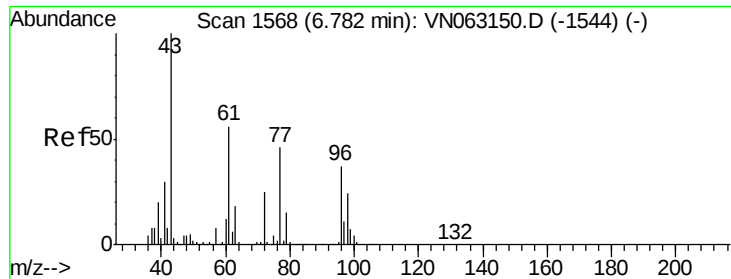
MMDadoda
9/10/2020 4:04:32 PM



#26
2,2-Dichloropropane
Concen: 45.991 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 77 Resp: 437029
Ion Ratio Lower Upper
77 100
97 22.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 48.052 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

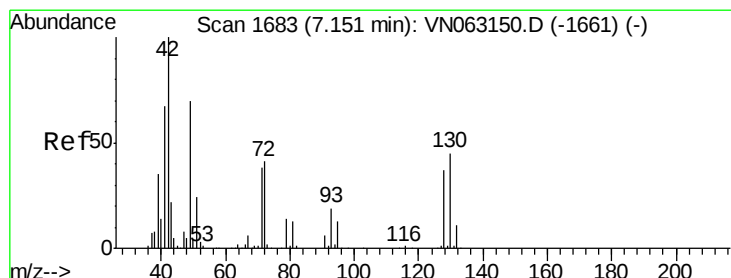
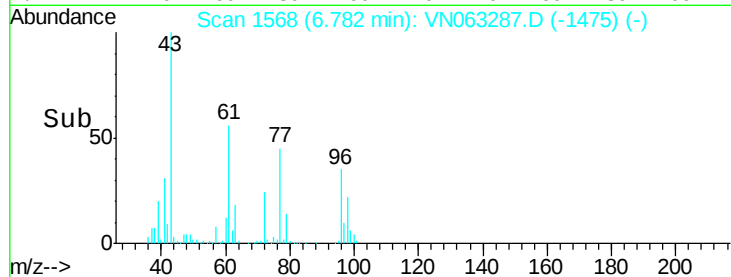
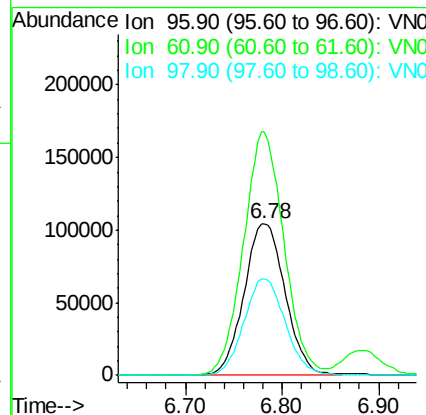
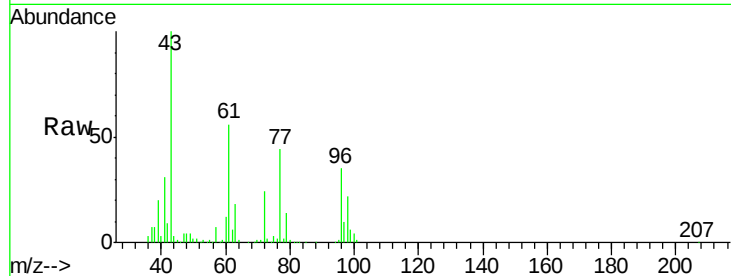
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	308460
Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	303.2
98	63.9	0.0	129.0

Manual Integrations
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9/10/2020 4:04:32 PM



#28

Bromochloromethane

Concen: 47.818 ug/l

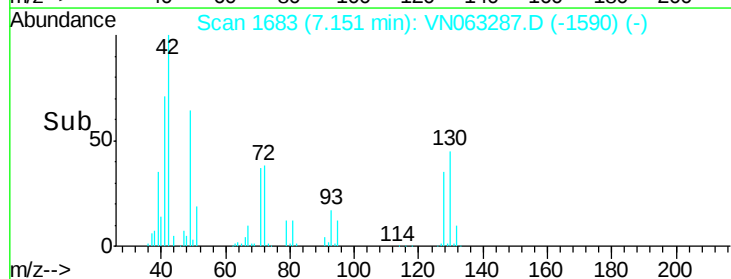
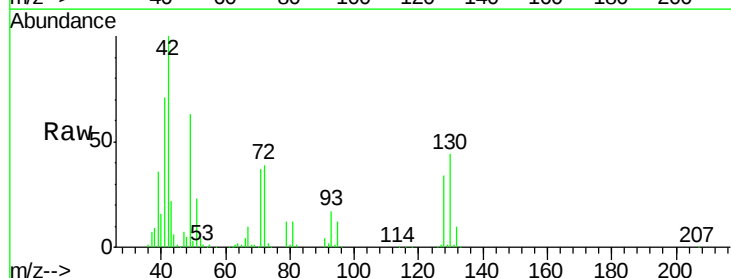
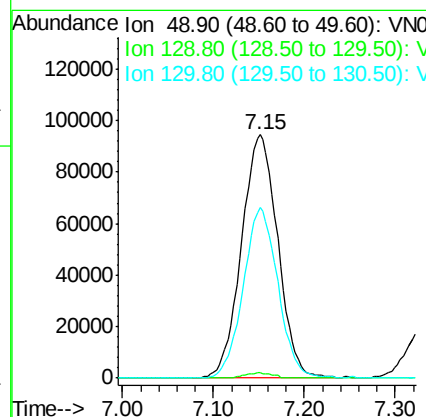
RT: 7.15 min Scan# 1683

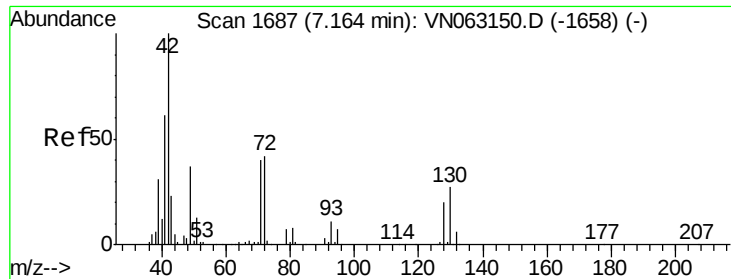
Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion:	49	Resp:	262014
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	66.8	54.4	81.6





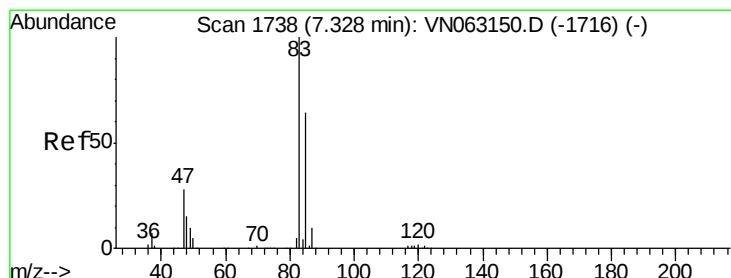
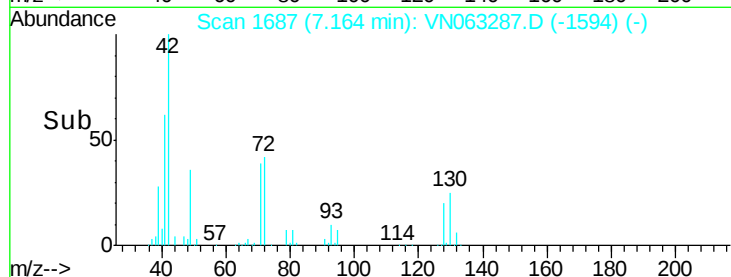
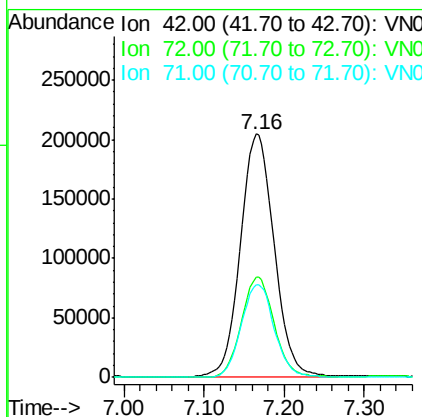
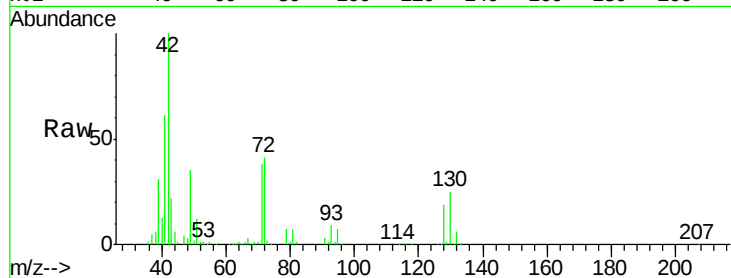
#29
Tetrahydrofuran
Concen: 268.675 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	33.9	50.9
71	37.7	31.9	47.9

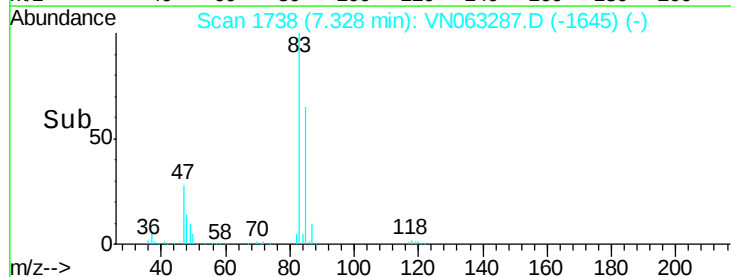
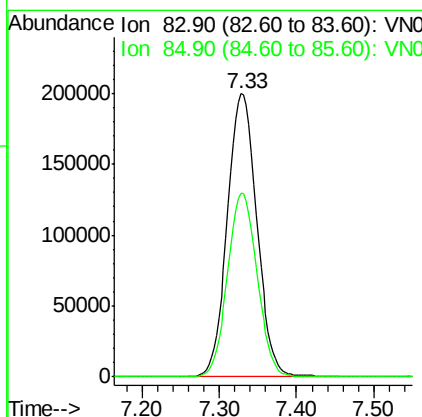
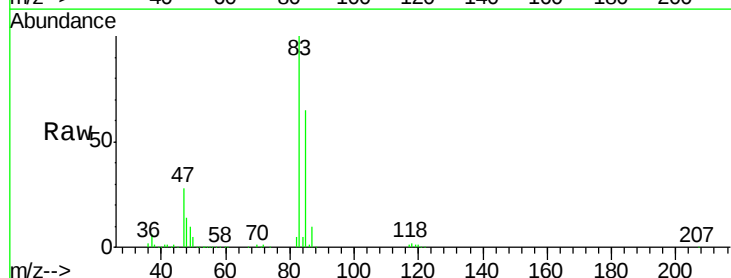
Manual Integrations
APPROVED

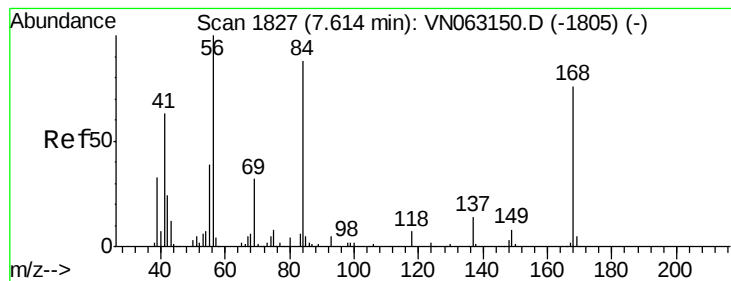
MMDadoda
9/10/2020 4:04:32 PM



#30
Chloroform
Concen: 48.257 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.6





#31

Cyclohexane

Concen: 48.277 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 446749

Ion Ratio Lower Upper

56 100

69 34.3 25.4 38.0

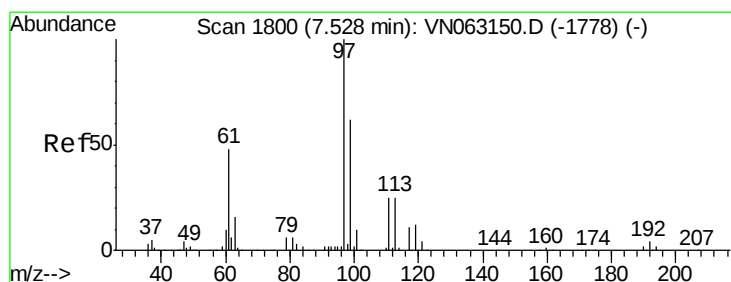
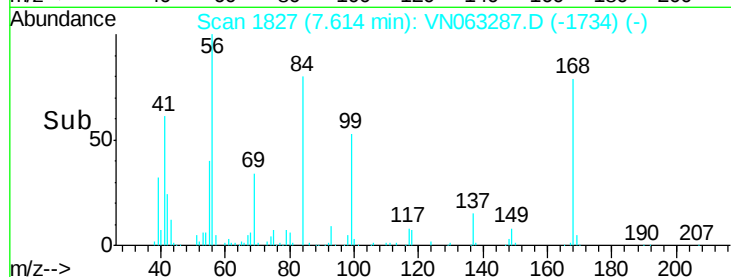
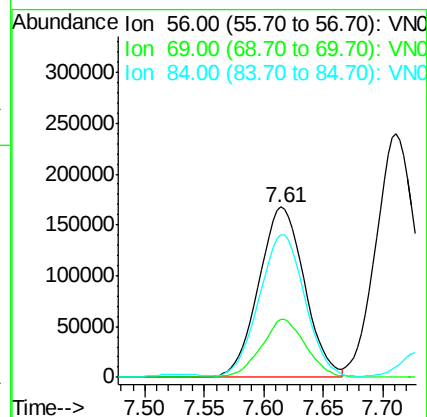
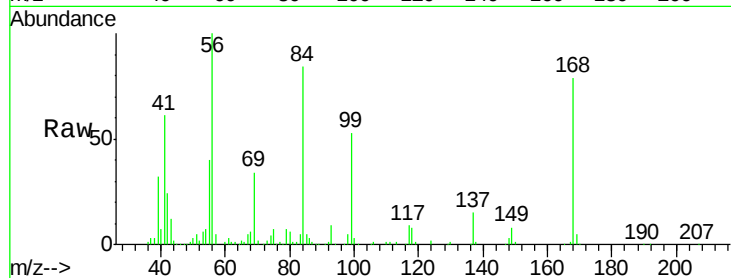
84 82.2 70.2 105.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 48.990 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

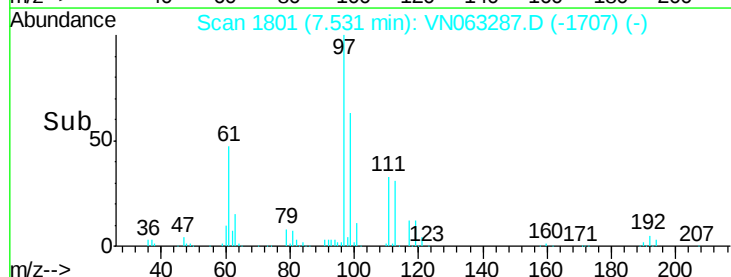
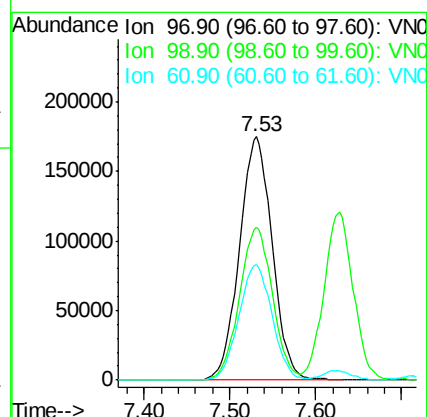
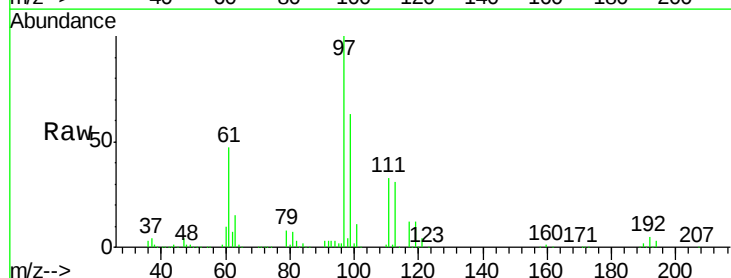
Tgt Ion: 97 Resp: 463216

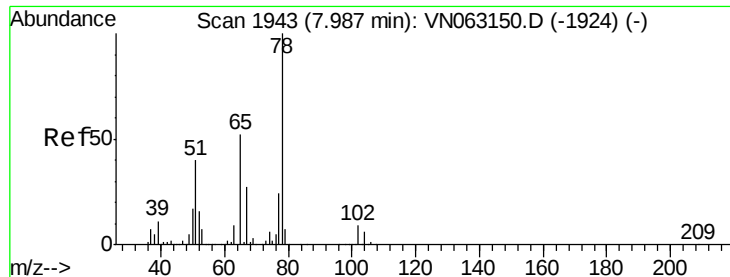
Ion Ratio Lower Upper

97 100

99 63.3 50.8 76.2

61 48.0 37.4 56.2





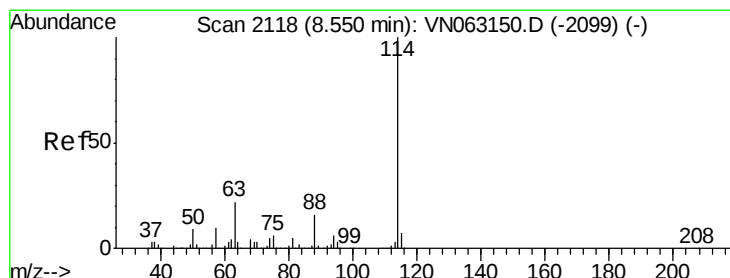
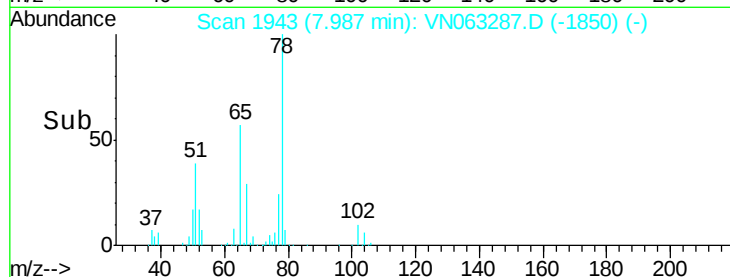
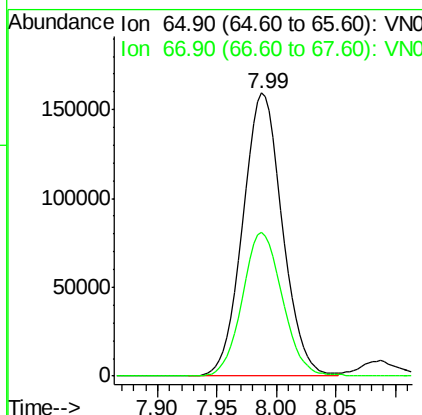
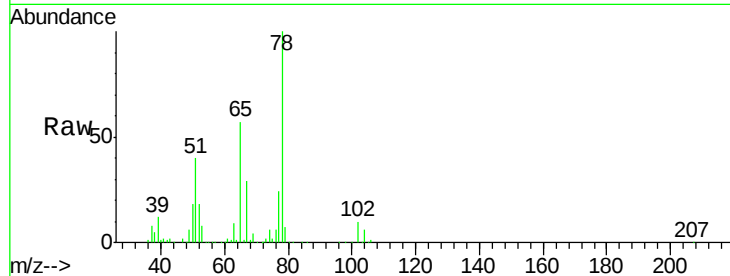
#33
 1,2-Dichloroethane-d4
 Concen: 51.588 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	367426		
67	51.3	0.0	104.4	

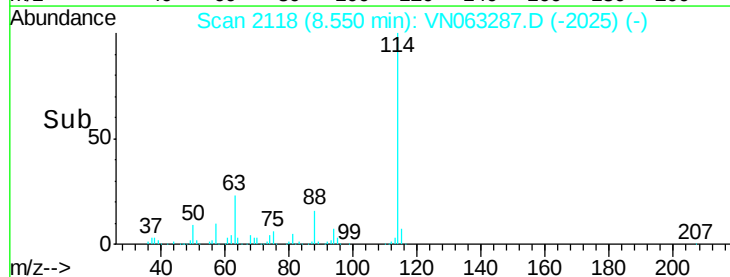
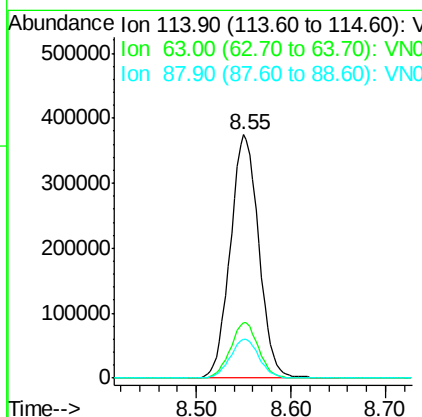
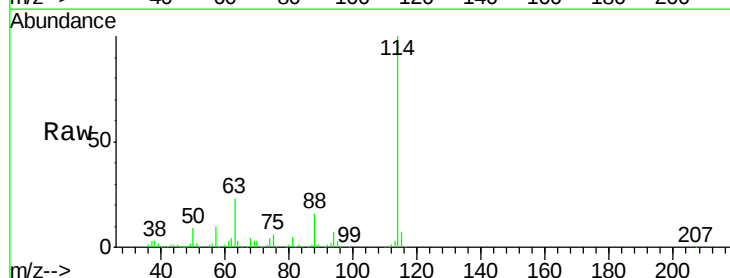
Manual Integrations
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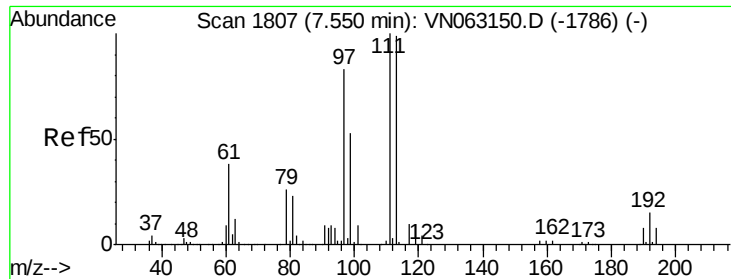
MMDadoda
 9/10/2020 4:04:32 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	783648		
63	22.9	0.0	43.0	
88	16.1	0.0	31.6	





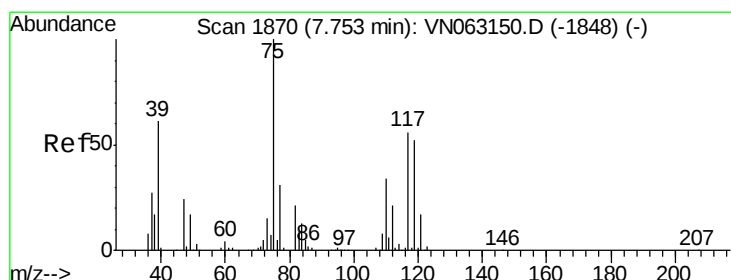
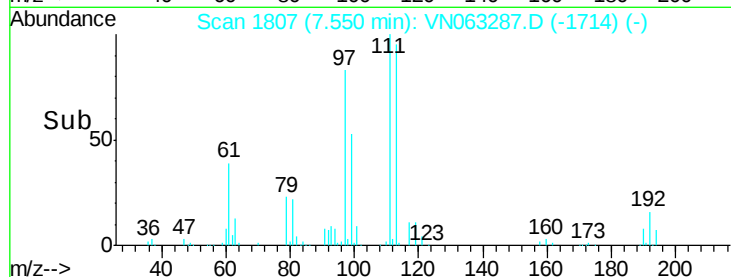
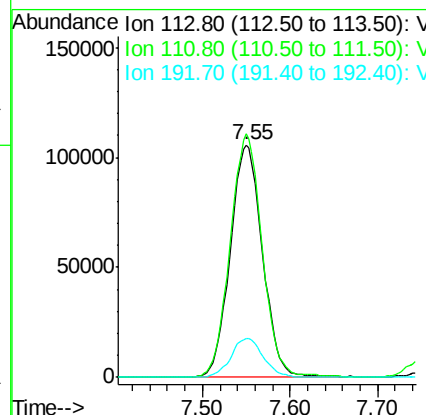
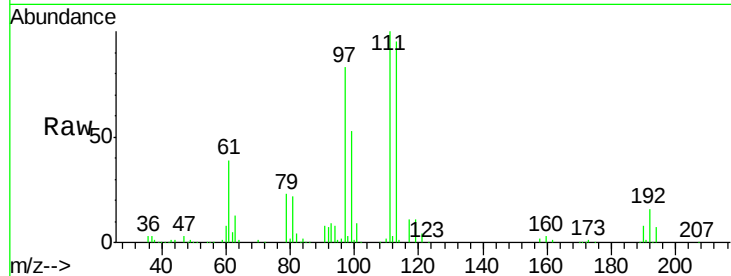
#35
Dibromofluoromethane
Concen: 53.712 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	270037		
111	103.5	80.7	121.1	
192	16.9	12.6	19.0	

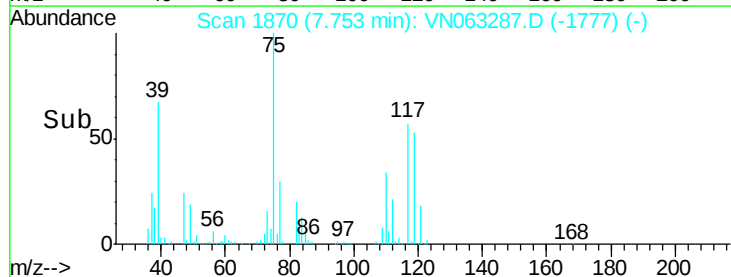
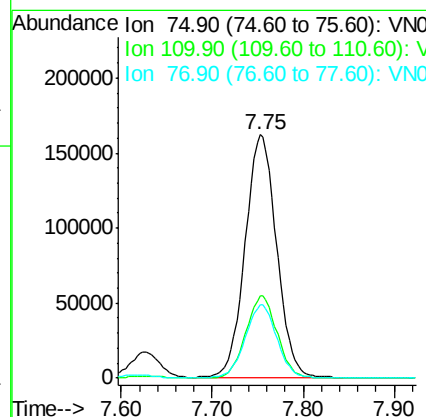
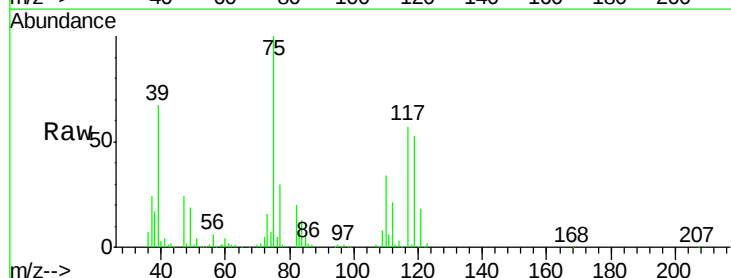
Manual Integrations
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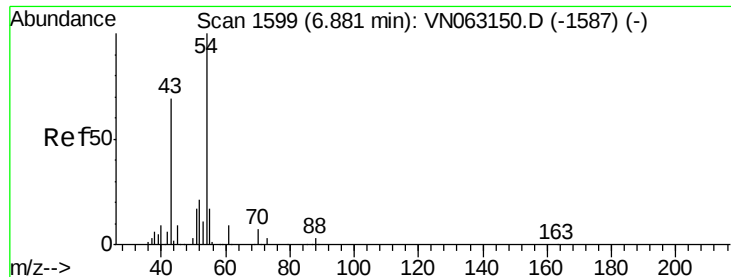
MMDadoda
9/10/2020 4:04:32 PM



#36
1,1-Dichloropropene
Concen: 51.553 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	388379		
110	33.8	16.6	49.8	
77	30.7	25.4	38.2	





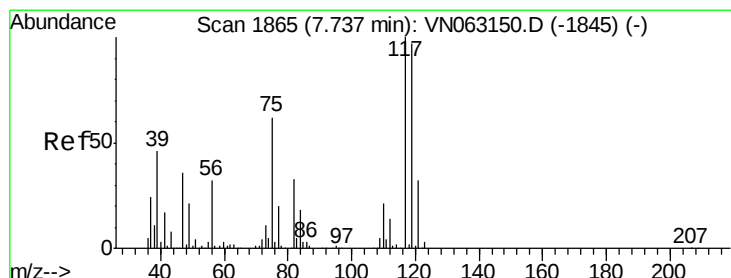
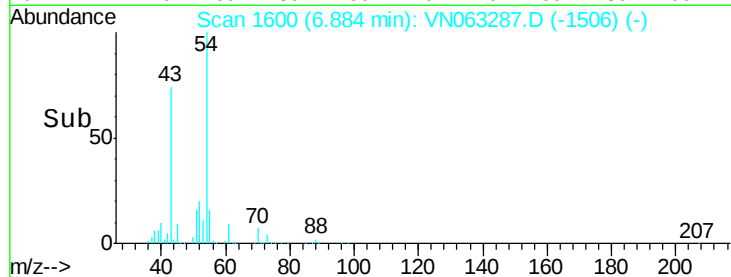
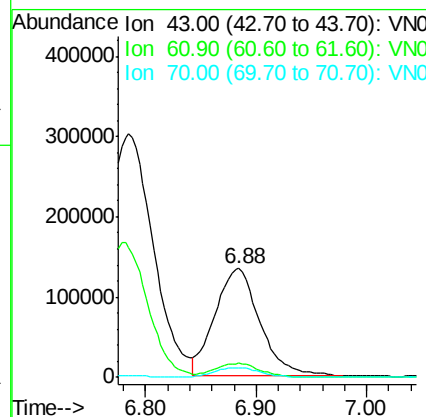
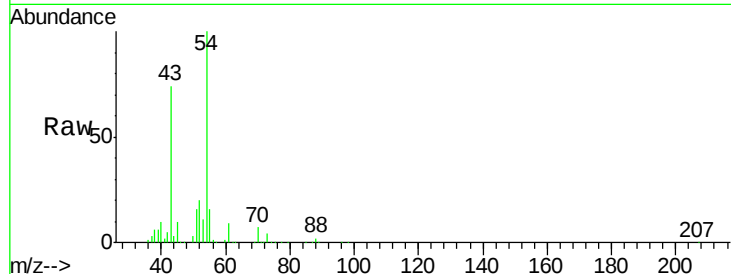
#37
Ethyl Acetate
Concen: 53.393 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	12.9	10.2	15.4	
70	9.2	3.0	4.6	

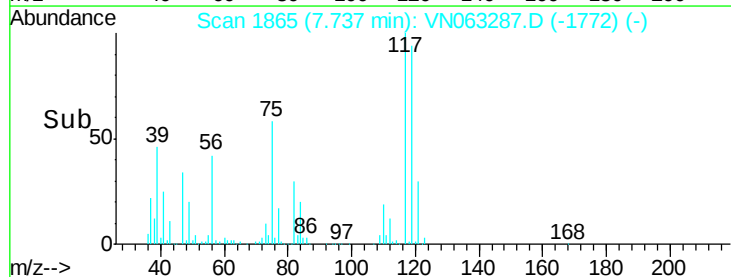
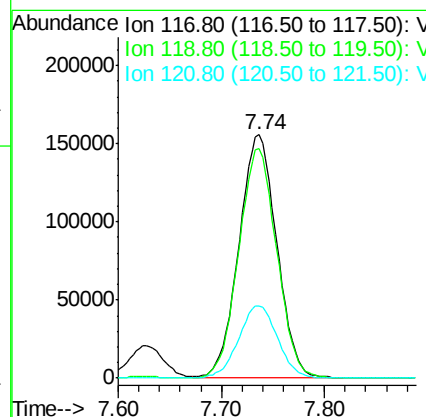
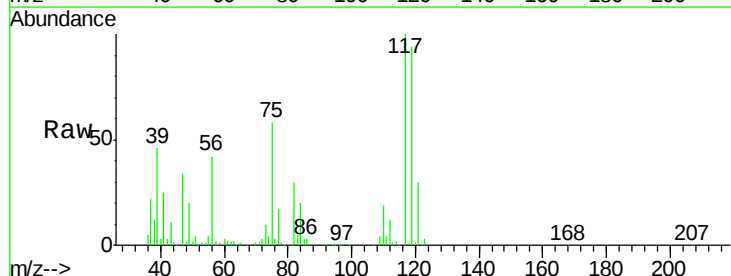
Manual Integrations
APPROVED

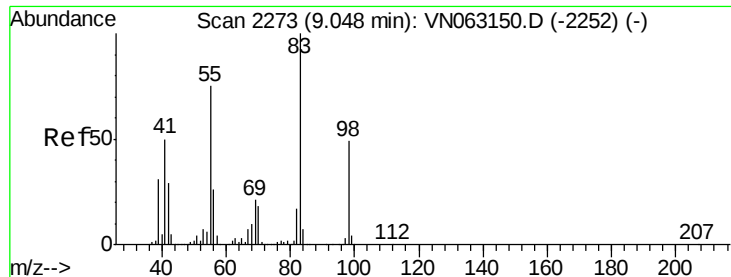
MMDadoda
9/10/2020 4:04:32 PM



#38
Carbon Tetrachloride
Concen: 51.740 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	77.2	115.8	
121	29.8	25.6	38.4	





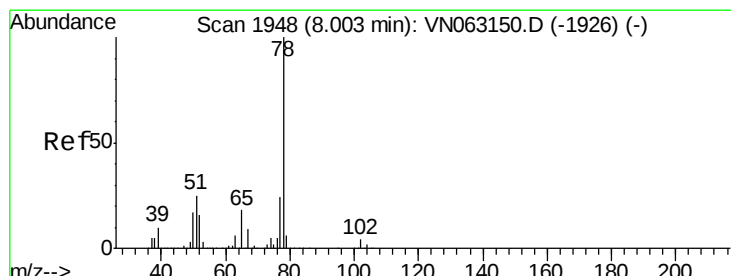
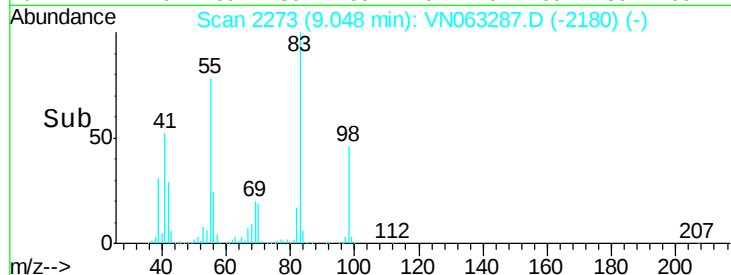
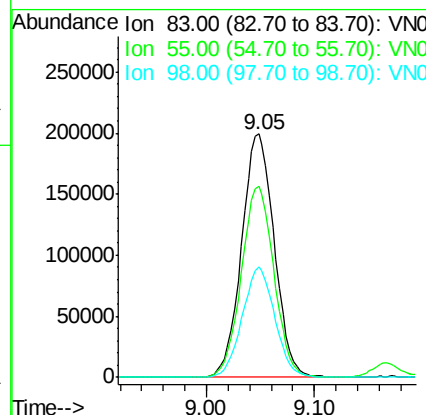
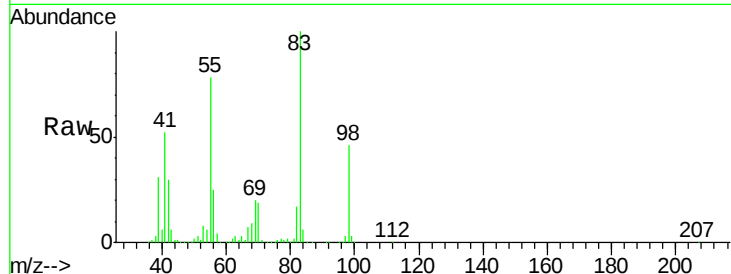
#39
Methvlcvclohexane
Concen: 49.662 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.3	90.5
98	45.6	38.9	58.3

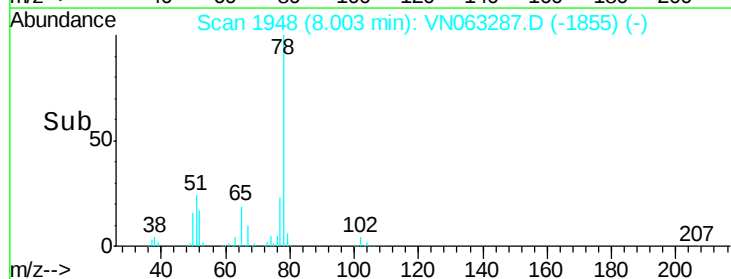
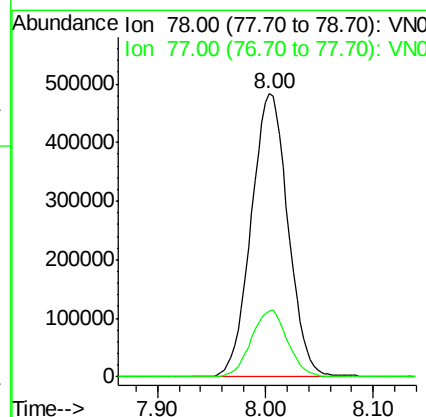
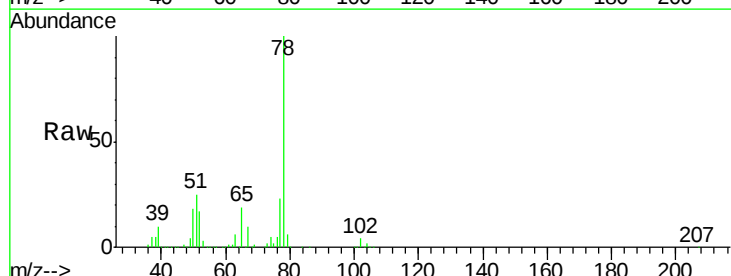
Manual Integrations
APPROVED

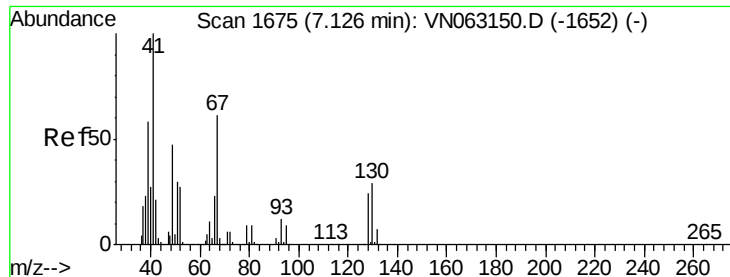
MMDadoda
9/10/2020 4:04:32 PM



#40
Benzene
Concen: 51.732 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





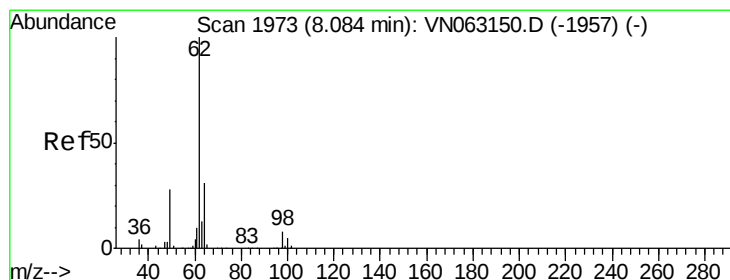
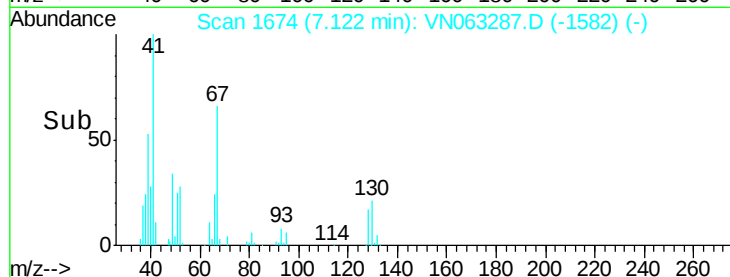
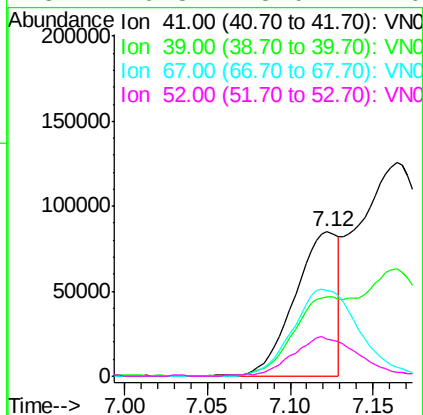
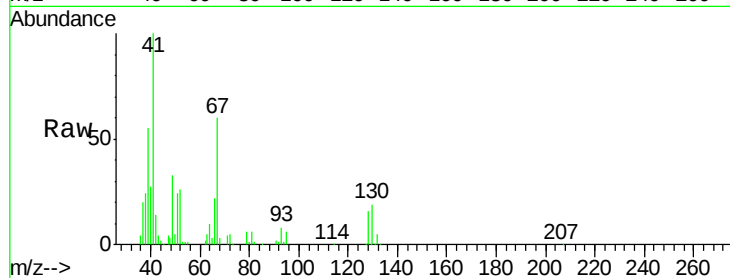
#41
Methacrylonitrile
Concen: 48.596 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.6	46.6	70.0
67	93.6	62.6	94.0
52	40.8	28.0	42.0

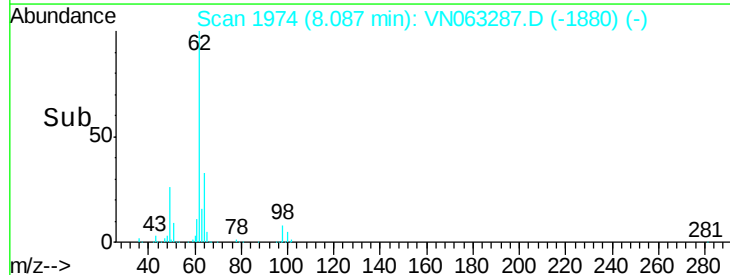
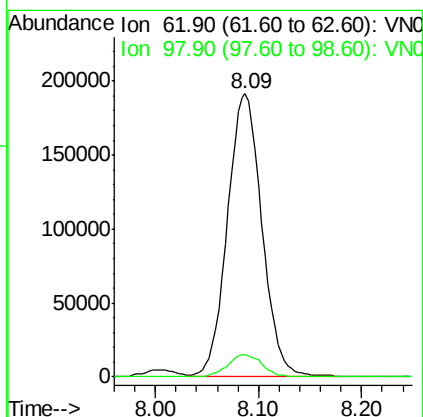
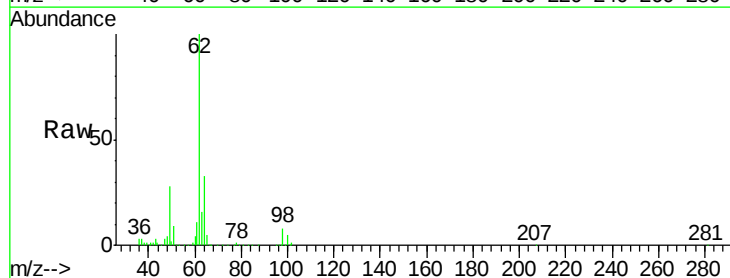
Manual Integrations
APPROVED

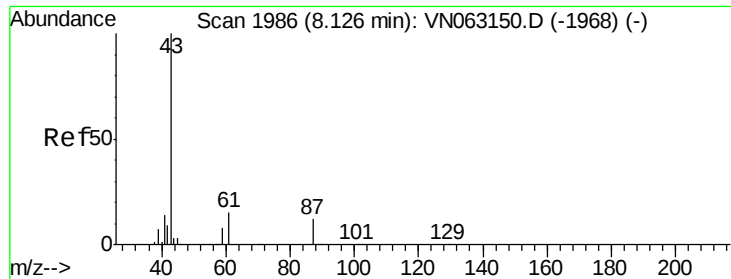
MMDadoda
9/10/2020 4:04:32 PM



#42
1,2-Dichloroethane
Concen: 53.585 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.2





#43

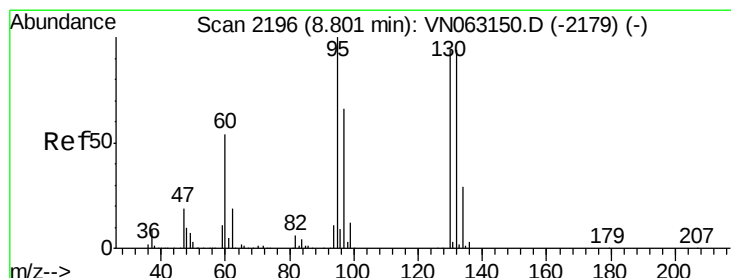
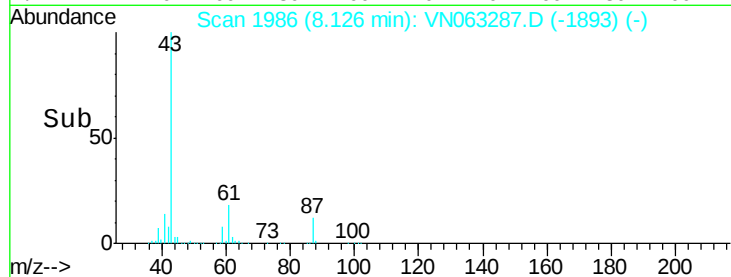
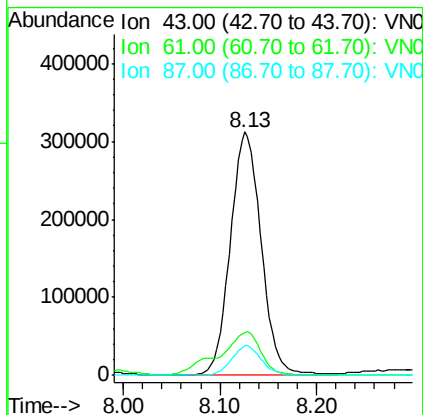
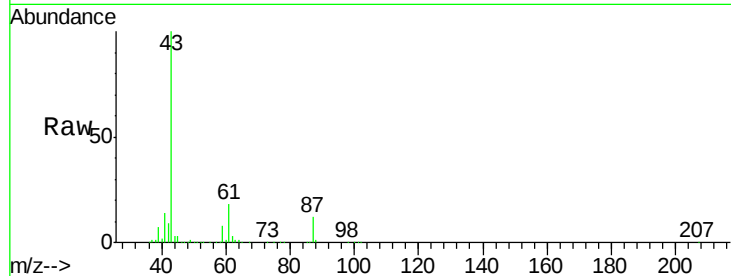
Isopropyl Acetate
 Concen: 56.055 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.1	20.2	30.4
87	11.8	9.8	14.6

Manual Integrations
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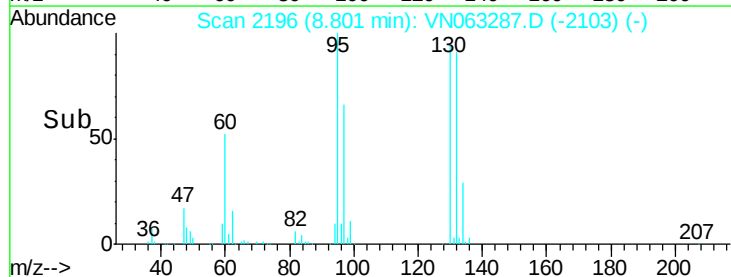
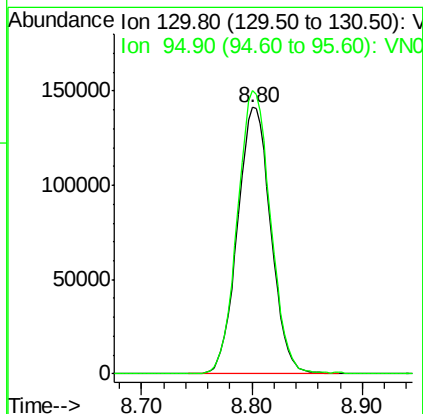
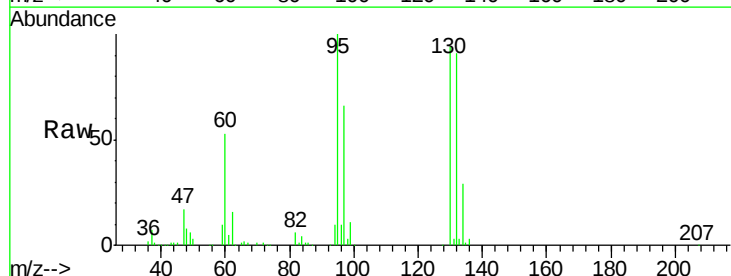
MMDadoda
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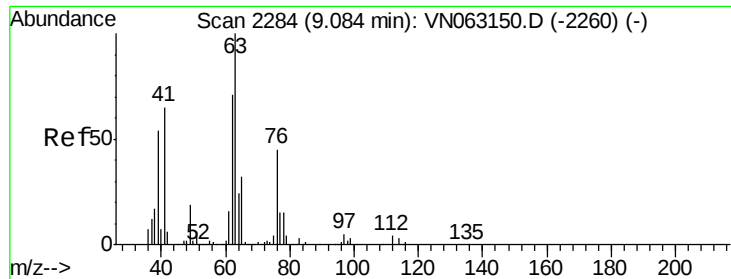


#44

Trichloroethene
 Concen: 55.033 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	212.0





#45

1,2-Dichloropropane

Concen: 53.887 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 315861

Ion Ratio Lower Upper

63 100

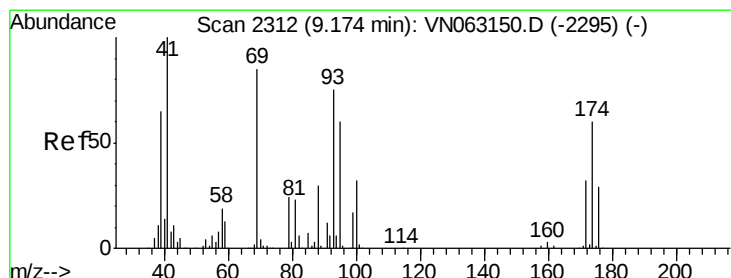
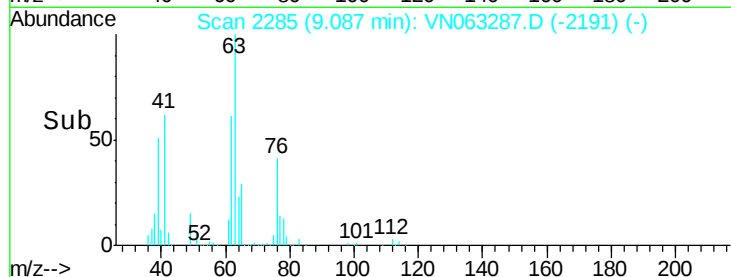
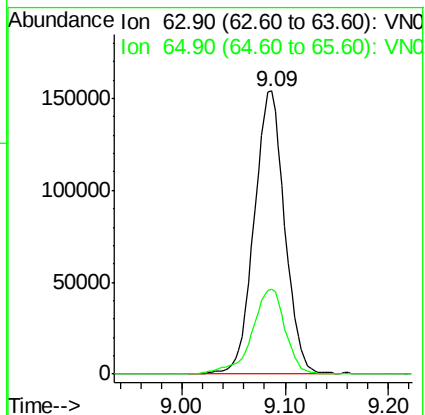
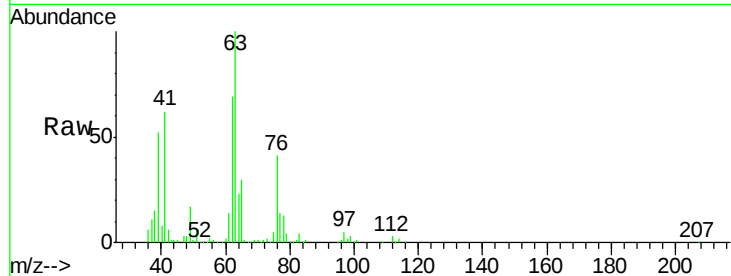
65 30.1 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 53.143 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

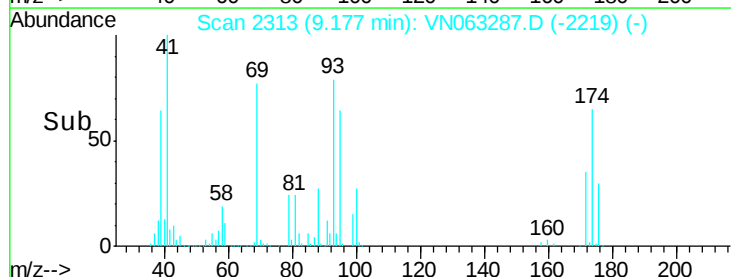
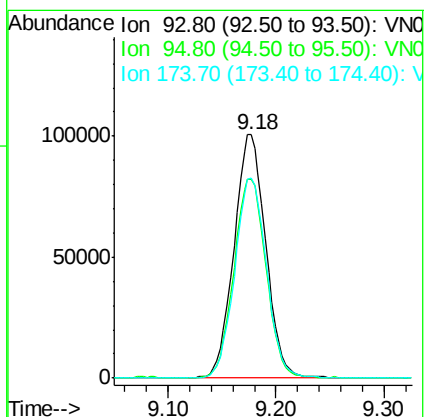
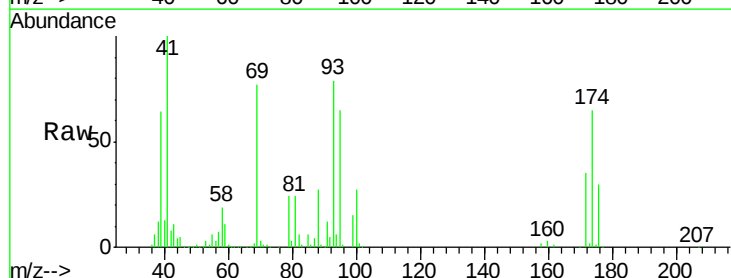
Tgt Ion: 93 Resp: 206429

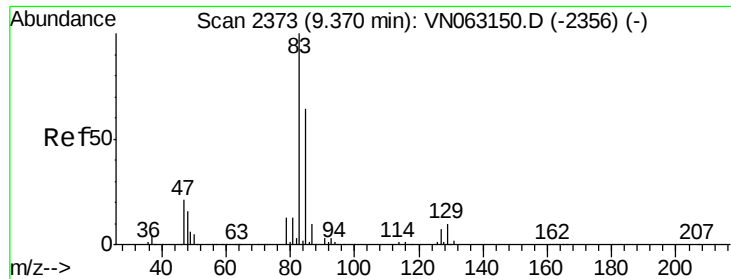
Ion Ratio Lower Upper

93 100

95 82.9 65.2 97.8

174 82.3 64.6 97.0





#47

Bromodichloromethane

Concen: 52.829 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

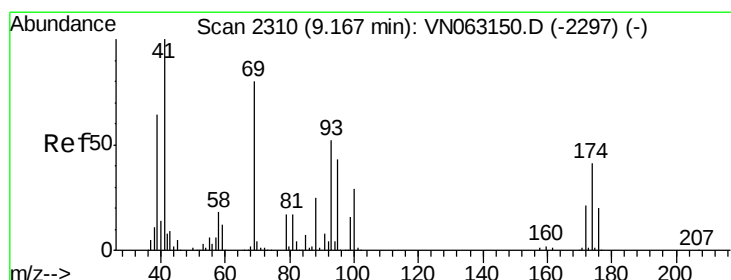
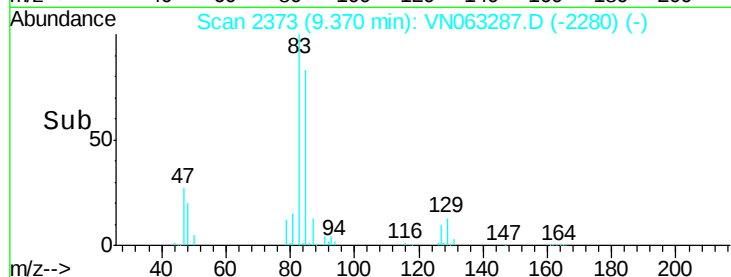
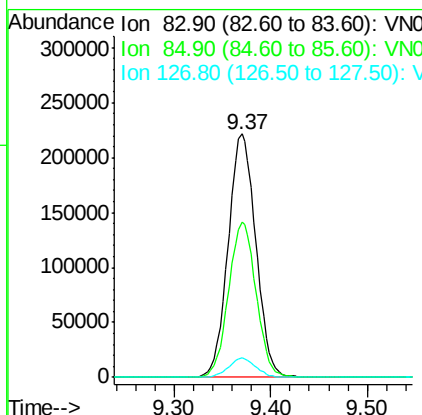
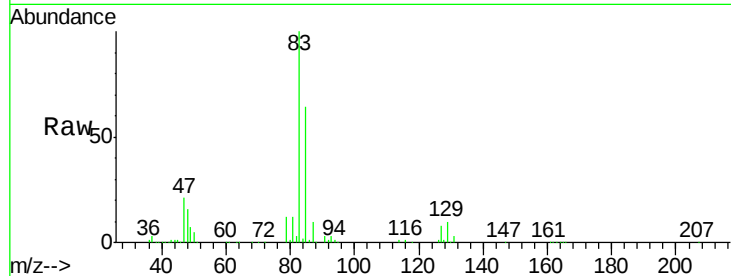
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	439855
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.6
127	7.9	5.7	8.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 59.068 ug/l

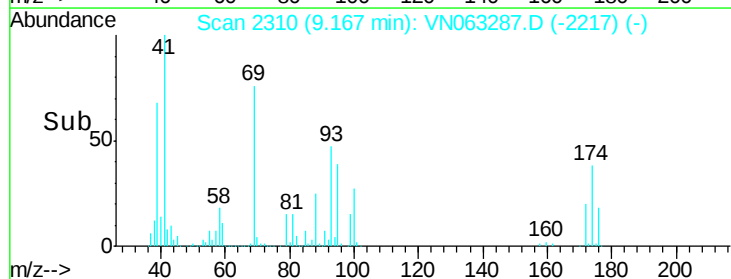
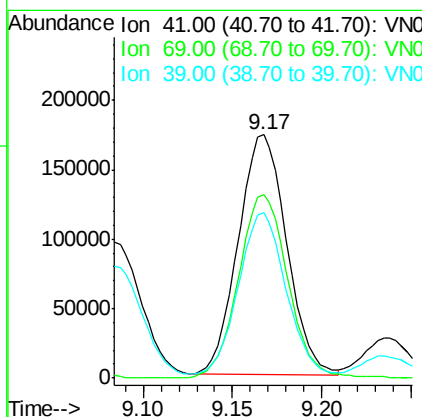
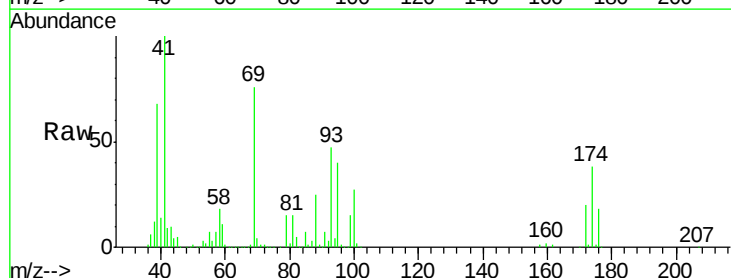
RT: 9.17 min Scan# 2310

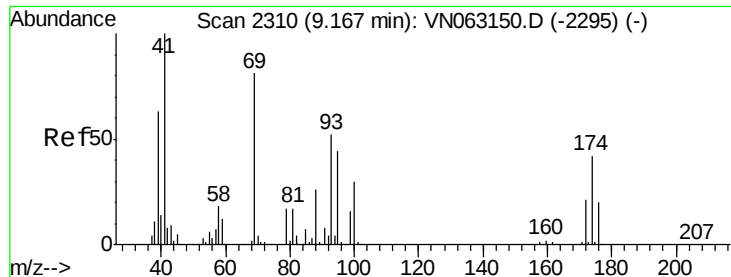
Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion:	41	Resp:	327155
Ion	Ratio	Lower	Upper
41	100		
69	78.1	65.9	98.9
39	68.6	52.0	78.0





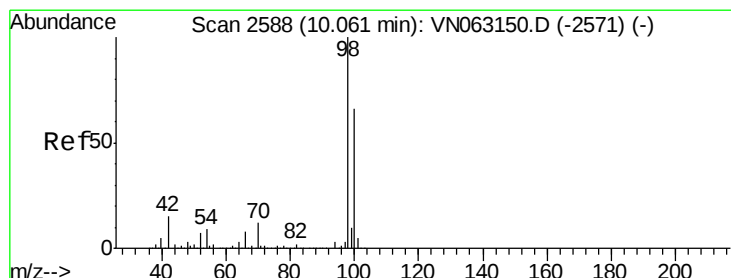
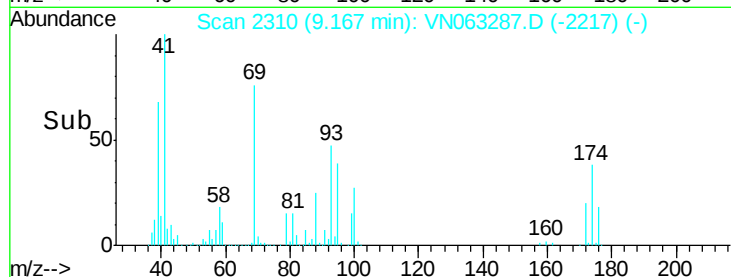
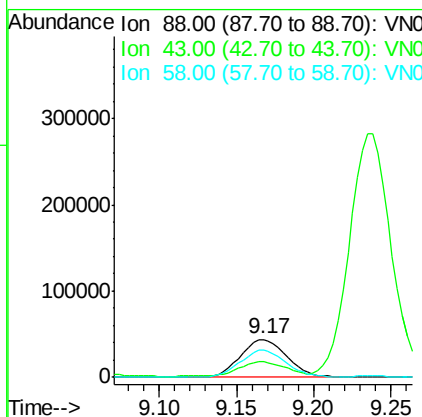
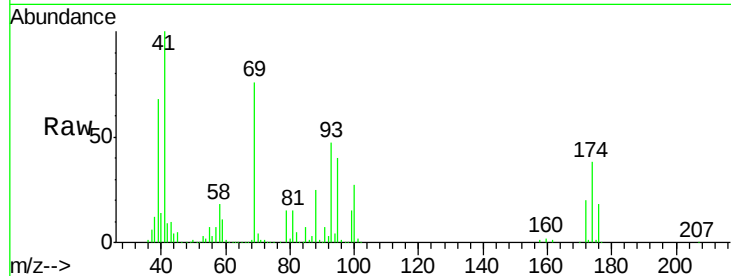
#49
1,4-Dioxane
Concen: 1069.288 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	28.6	42.8
58	71.4	53.2	79.8

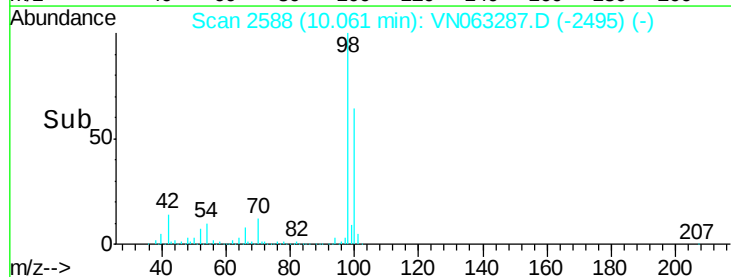
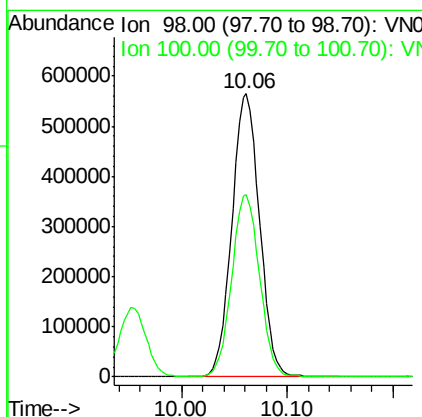
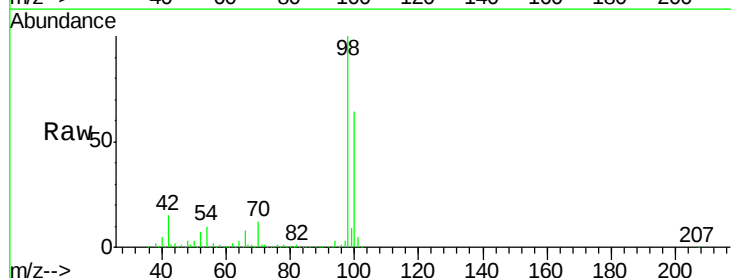
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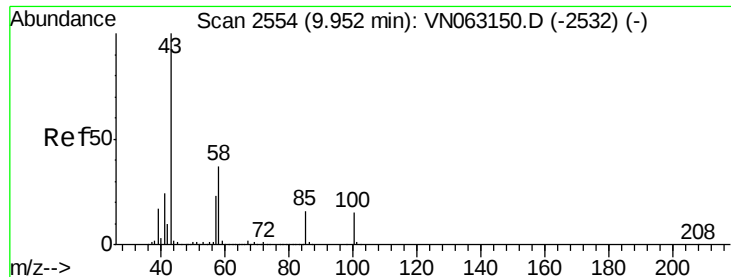
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#50
Toluene-d8
Concen: 53.098 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





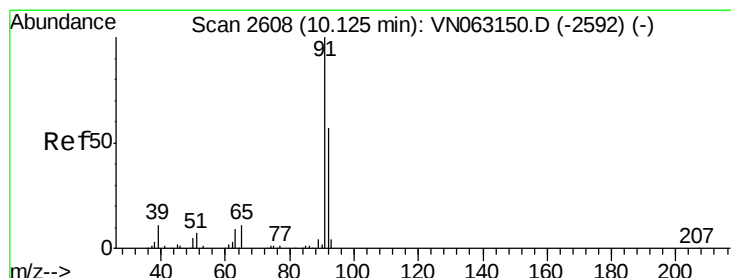
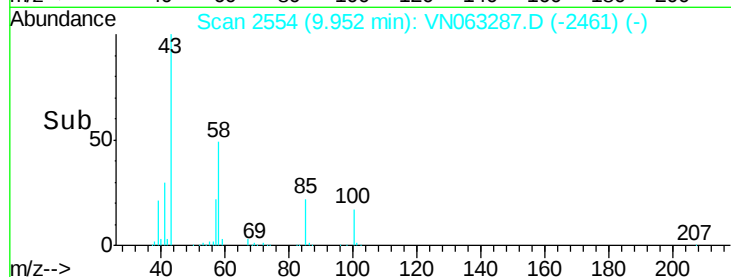
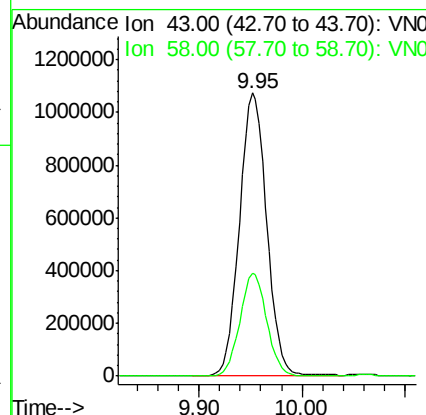
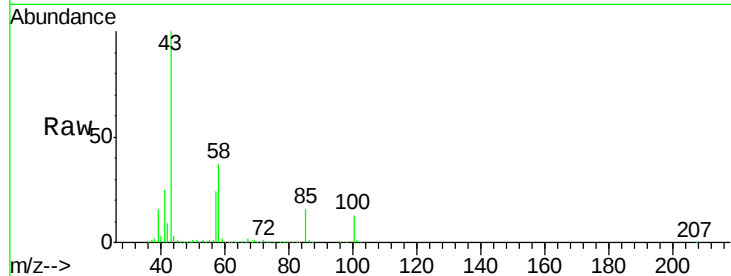
#51
4-Methyl-2-Pentanone
Concen: 295.126 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1970380
Ion Ratio Lower Upper
43 100
58 35.8 29.2 43.8

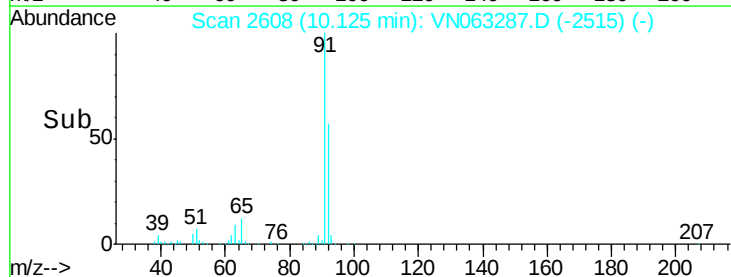
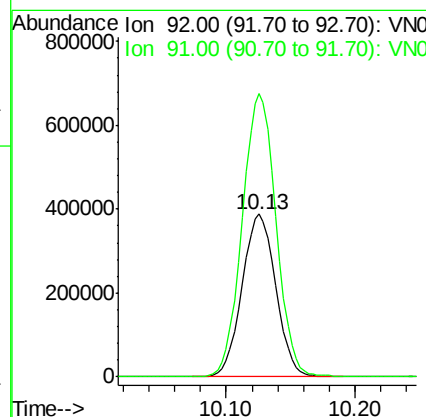
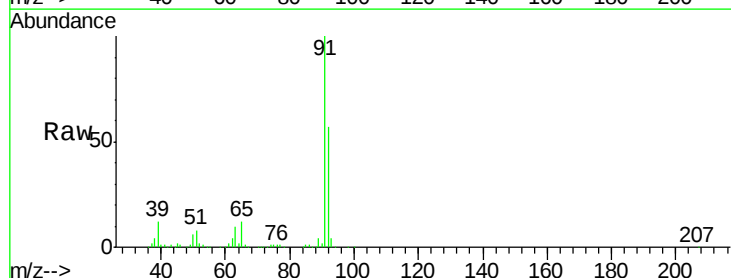
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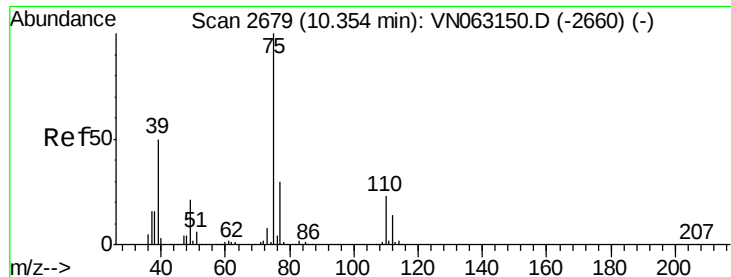
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#52
Toluene
Concen: 51.174 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 92 Resp: 705730
Ion Ratio Lower Upper
92 100
91 174.5 141.2 211.8





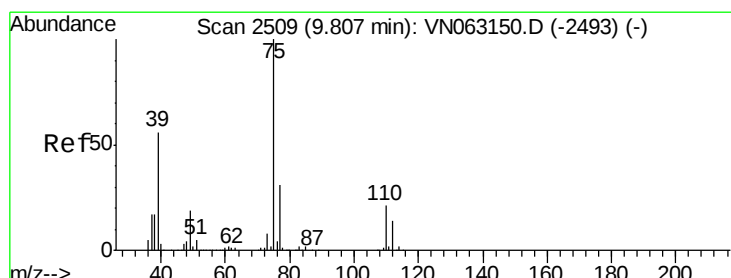
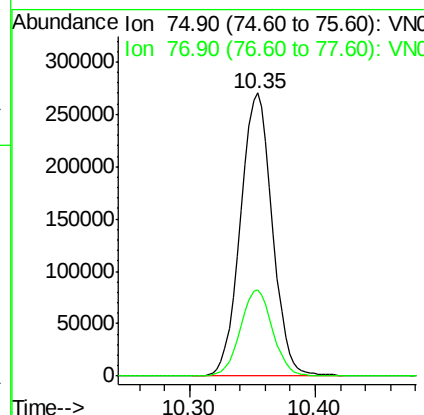
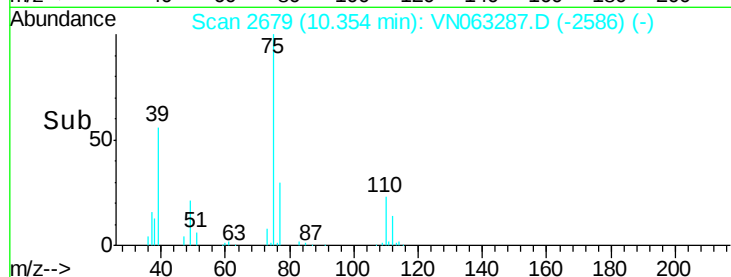
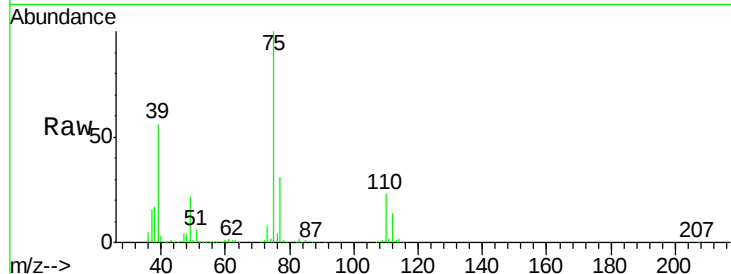
#53
t-1,3-Dichloropropene
Concen: 52.482 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 477976
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.2

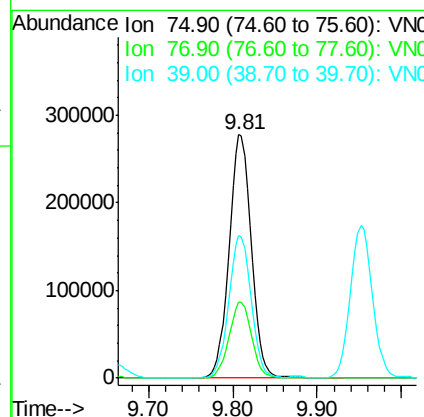
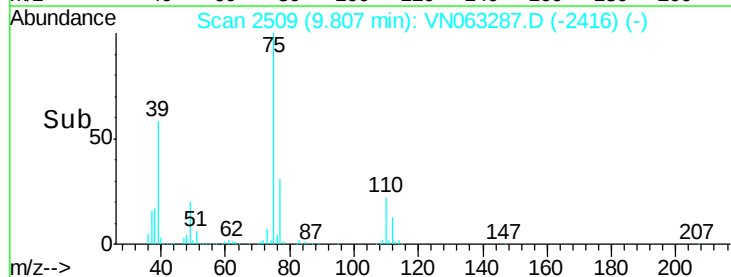
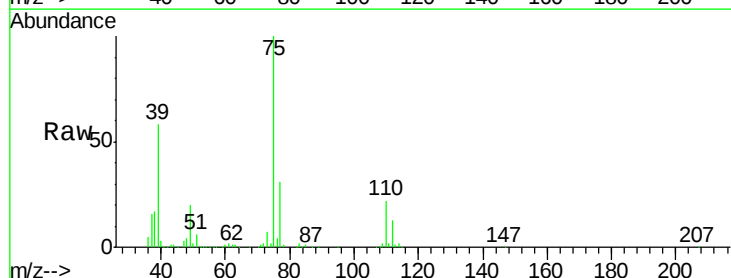
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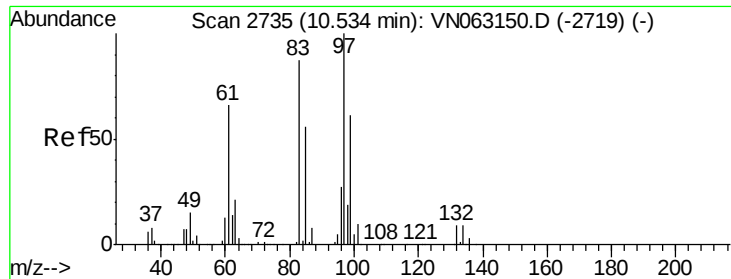
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#54
cis-1,3-Dichloropropene
Concen: 53.109 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 75 Resp: 507718
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2
39 58.3 45.0 67.6





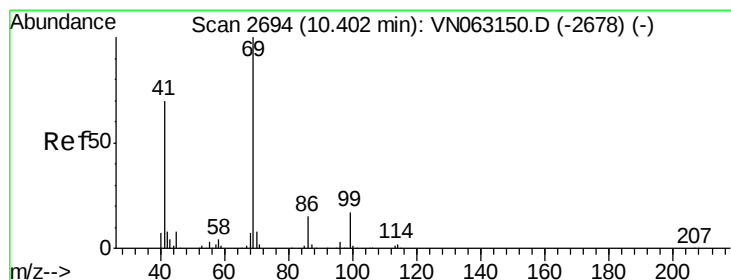
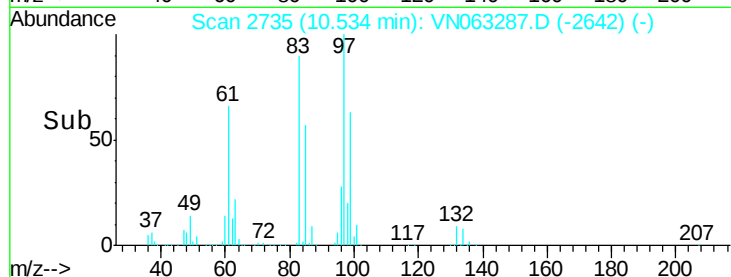
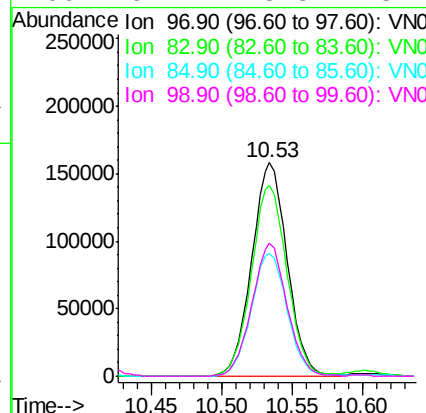
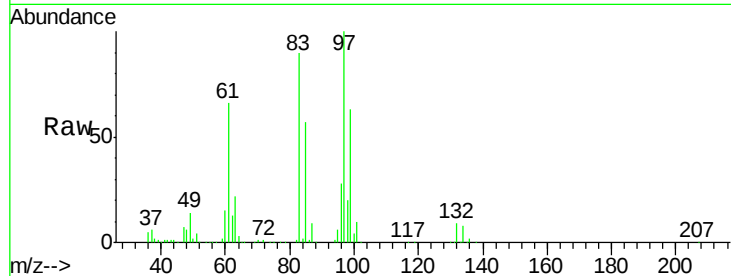
#55
 1,1,2-Trichloroethane
 Concen: 52.778 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	278744
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.8	104.8
85	57.5	44.9	67.3
99	62.4	48.8	73.2

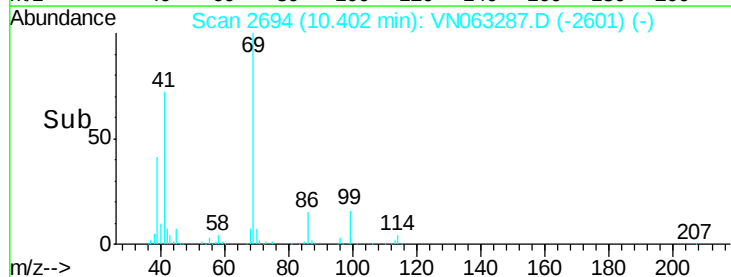
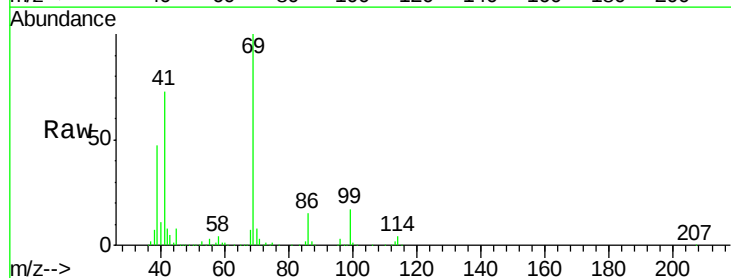
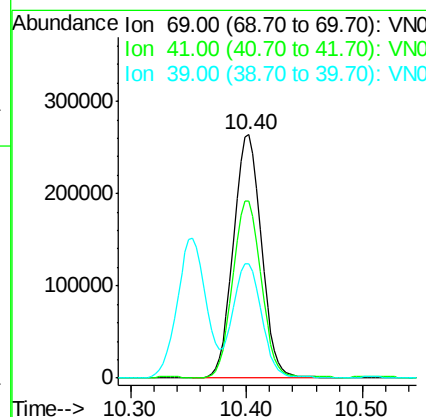
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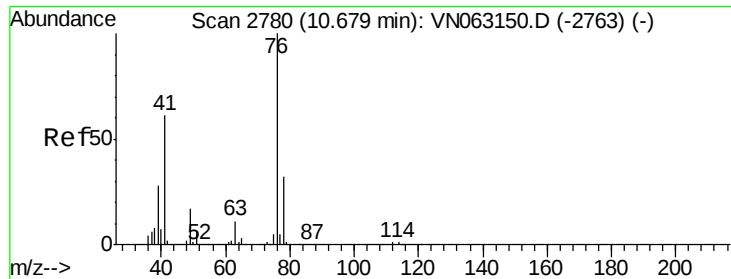
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#56
 Ethyl methacrylate
 Concen: 55.051 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion:	69	Resp:	442477
Ion	Ratio	Lower	Upper
69	100		
41	73.1	55.5	83.3
39	48.3	38.2	57.2





#57

1,3-Dichloropropane

Concen: 52.869 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 497434

Ion Ratio Lower Upper

76 100

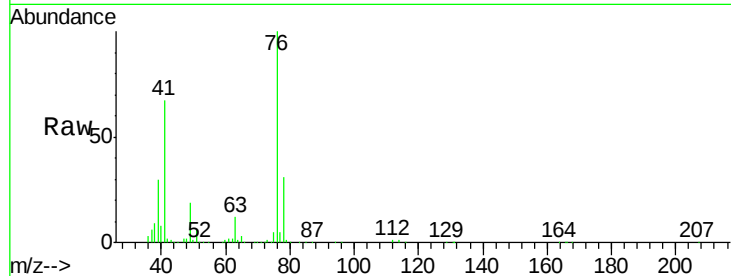
78 31.9 25.5 38.3

Manual Integrations

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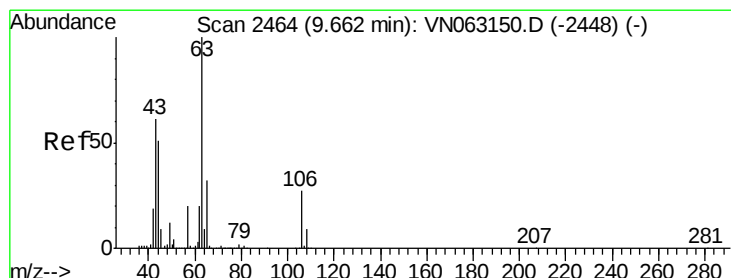
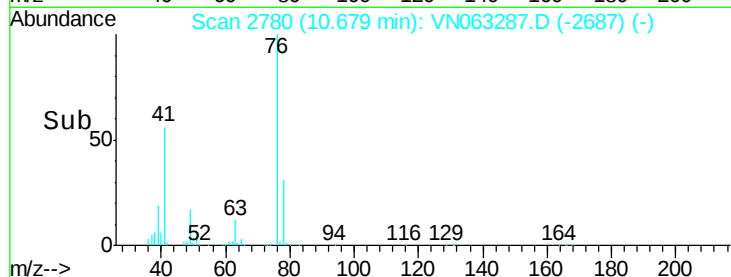
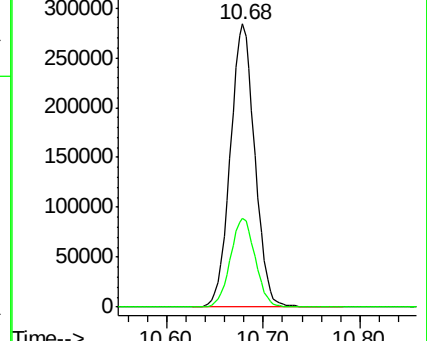
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 260.511 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063287.D

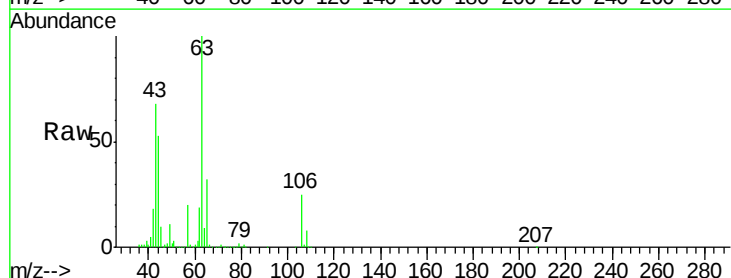
Acq: 9 Sep 2020 17:03

Tgt Ion: 63 Resp: 1084292

Ion Ratio Lower Upper

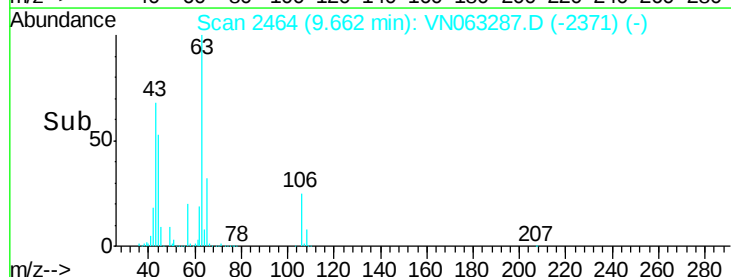
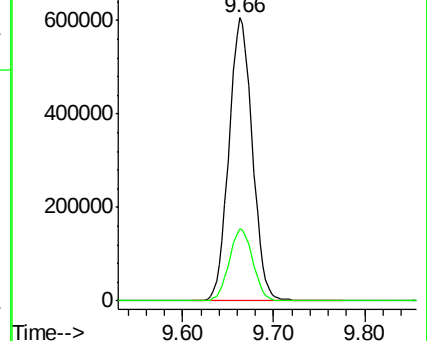
63 100

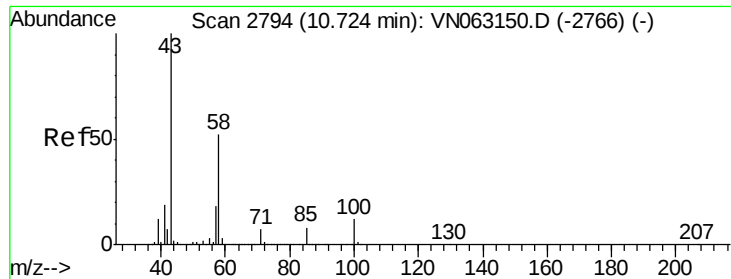
106 25.7 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





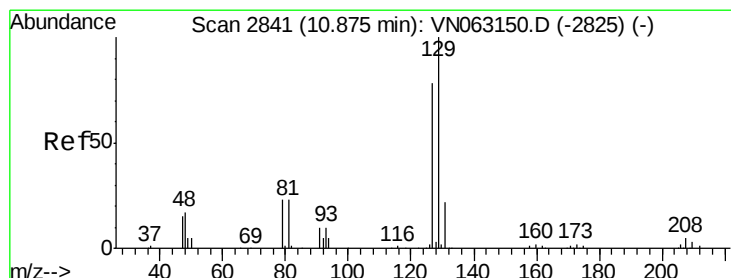
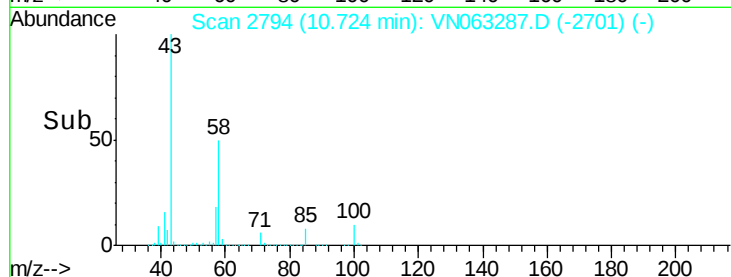
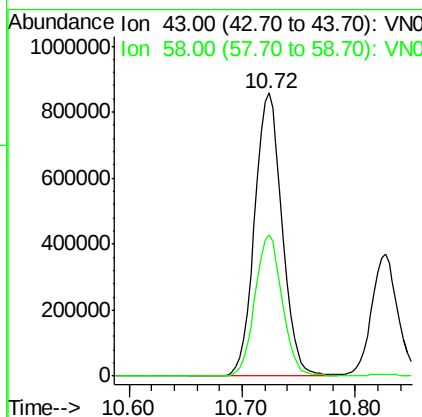
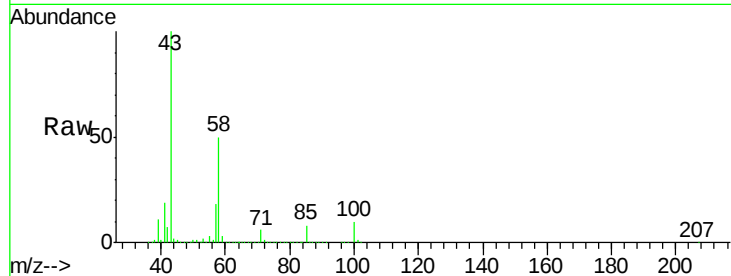
#59
2-Hexanone
Concen: 308.234 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1446260
Ion Ratio Lower Upper
43 100
58 49.5 25.9 77.8

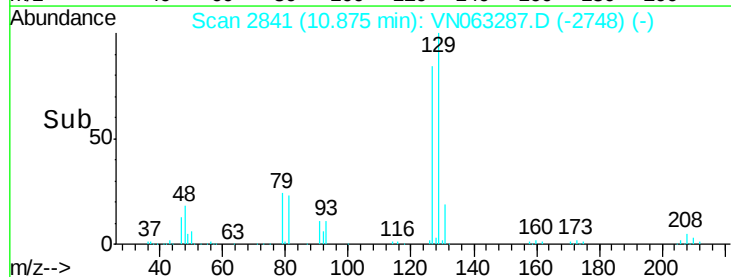
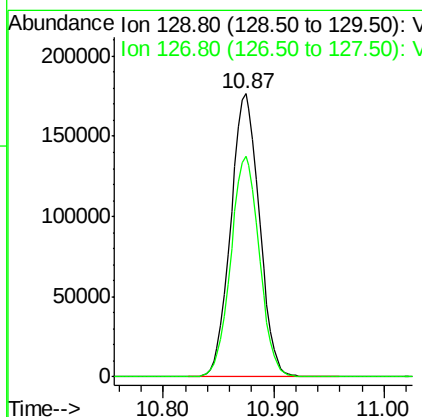
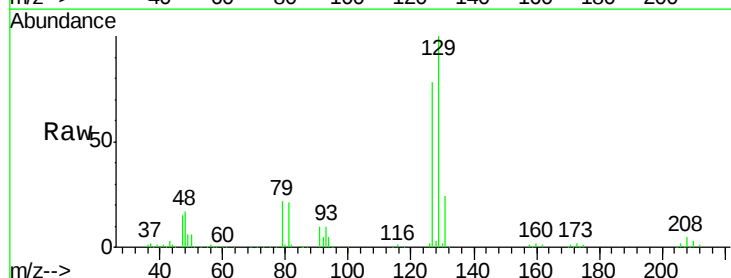
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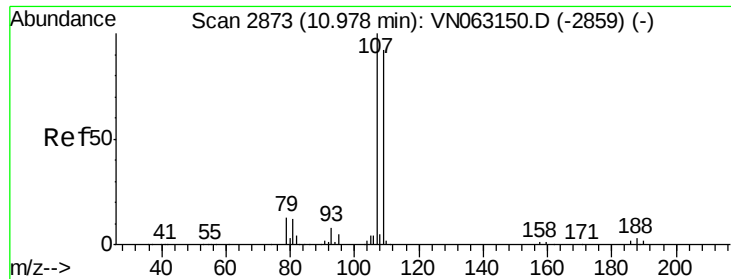
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#60
Dibromochloromethane
Concen: 54.656 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 129 Resp: 319137
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





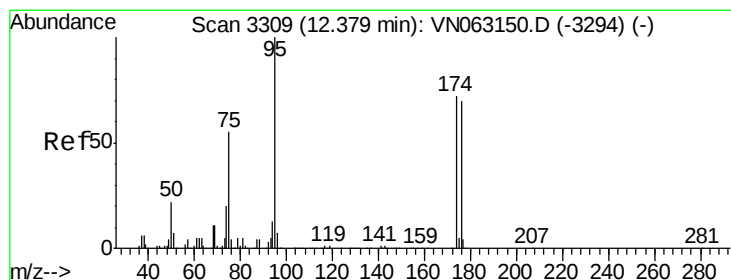
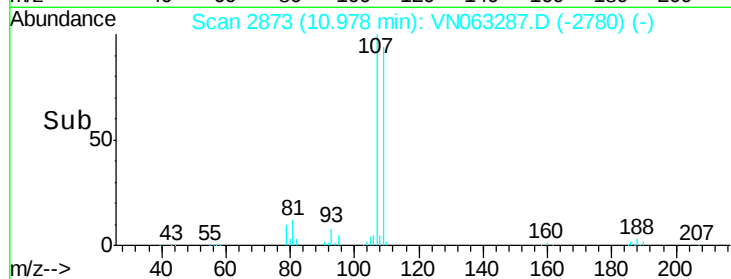
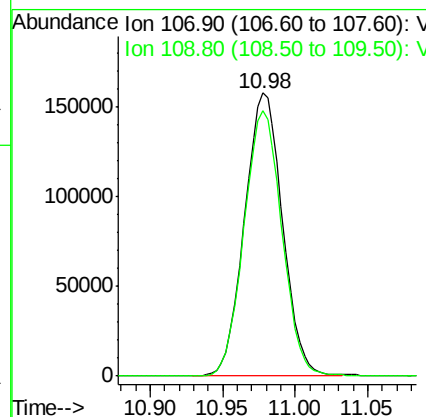
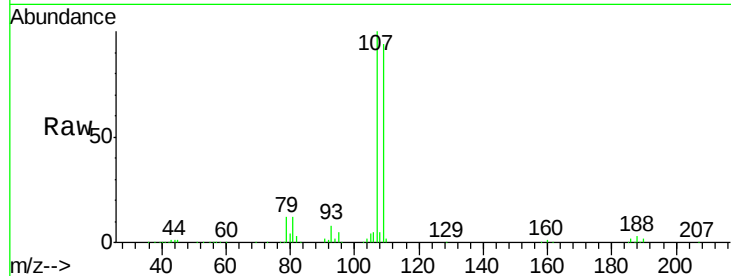
#61
 1,2-Dibromoethane
 Concen: 52.335 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	73.4	110.0

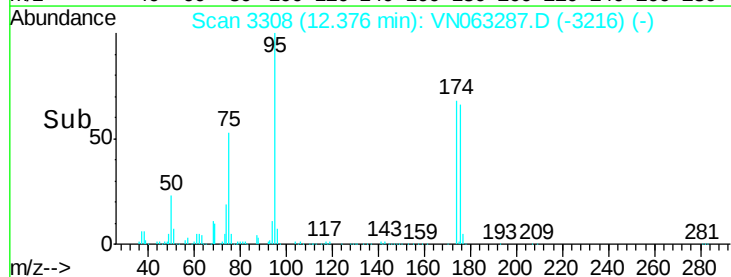
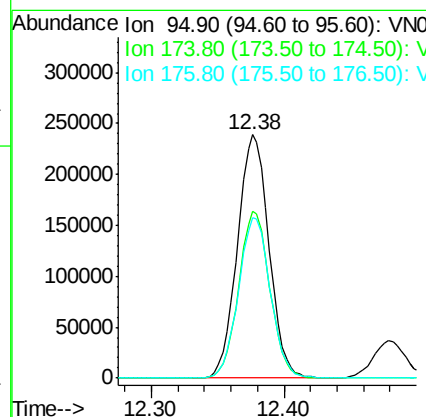
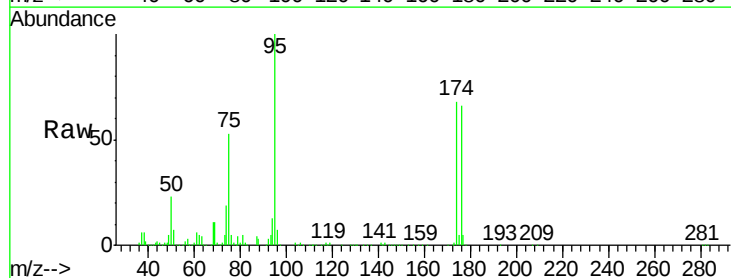
Manual Integrations
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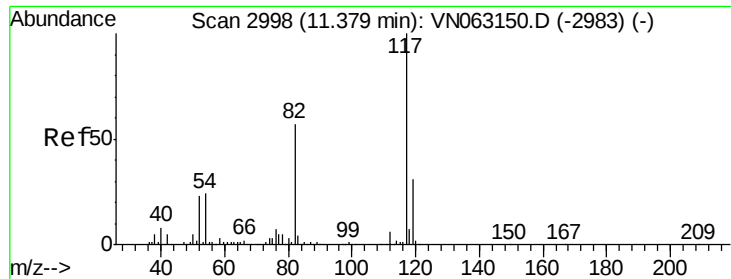
MMDadoda
 9/10/2020 4:04:32 PM



#62
 4-Bromofluorobenzene
 Concen: 58.240 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	143.8
176	66.5	0.0	138.4





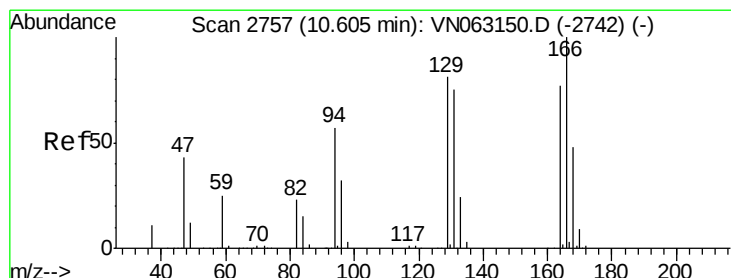
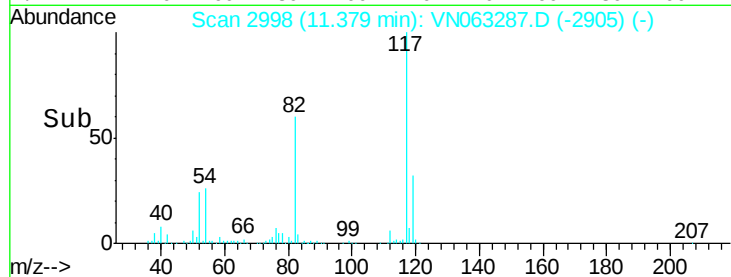
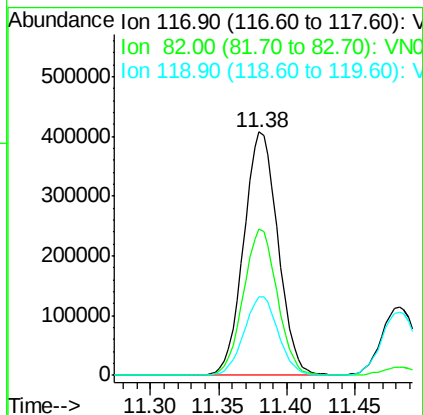
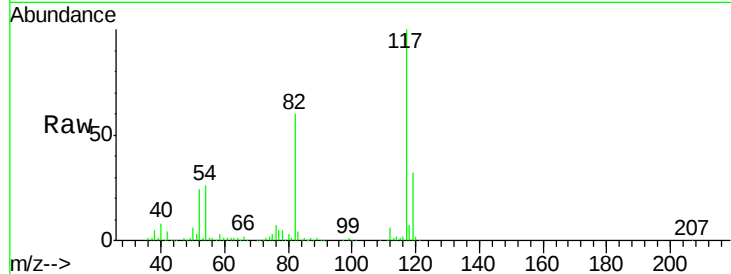
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	45.4	68.0
119	32.4	24.6	37.0

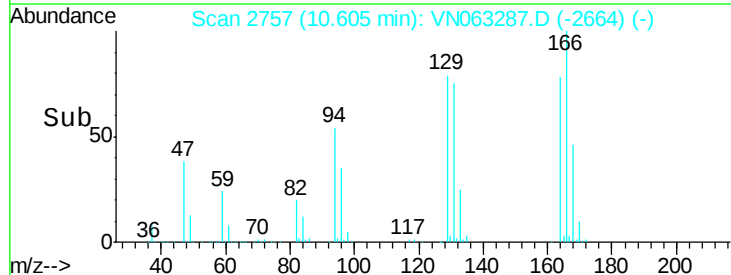
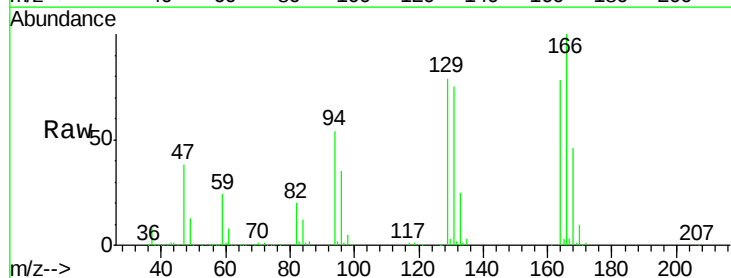
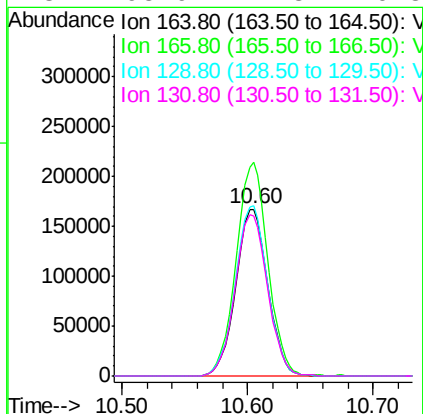
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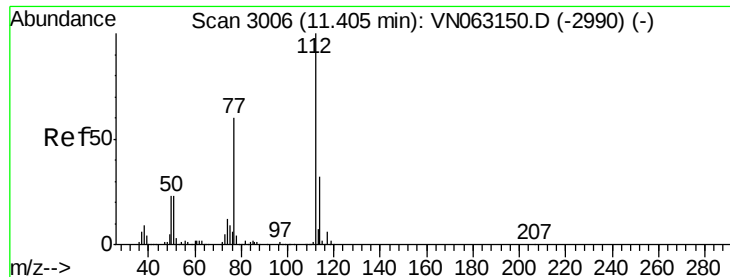
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#64
Tetrachloroethene
Concen: 58.086 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.4	155.2
129	101.6	83.4	125.0
131	95.9	77.8	116.8





#65

Chlorobenzene

Concen: 52.845 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 755587

Ion Ratio Lower Upper

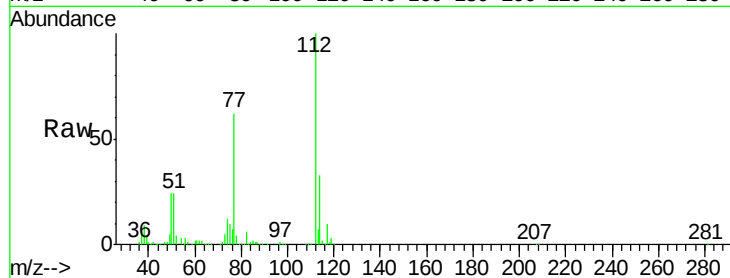
112 100

114 32.7 25.2 37.8

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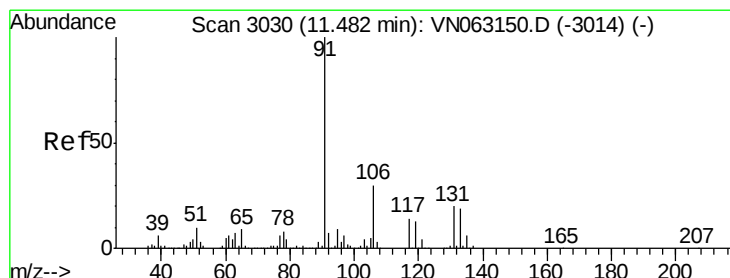
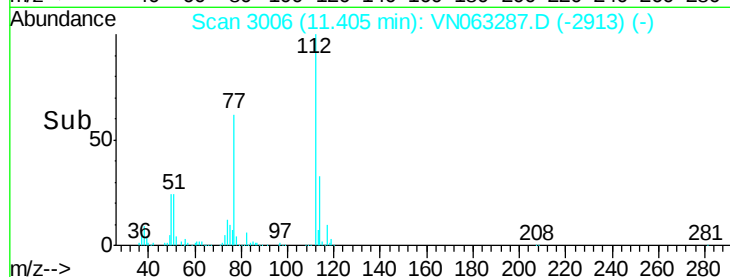
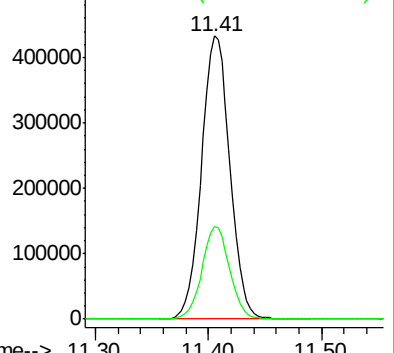
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.482 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

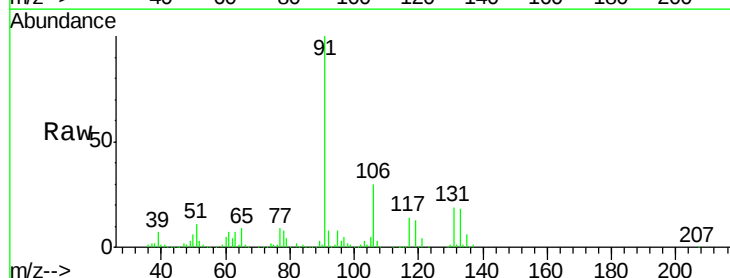
Tgt Ion:131 Resp: 283919

Ion Ratio Lower Upper

131 100

133 94.6 47.3 142.0

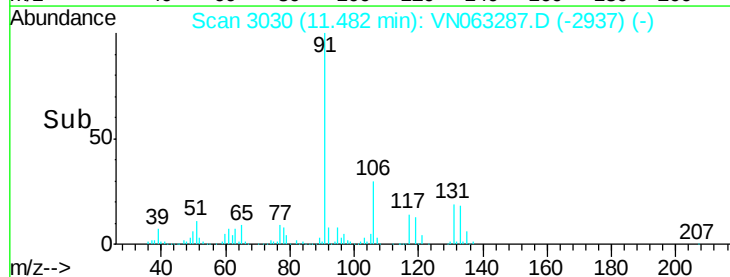
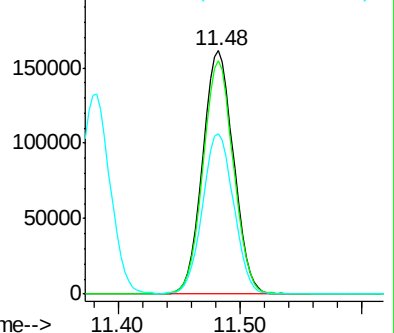
119 66.7 32.4 97.0

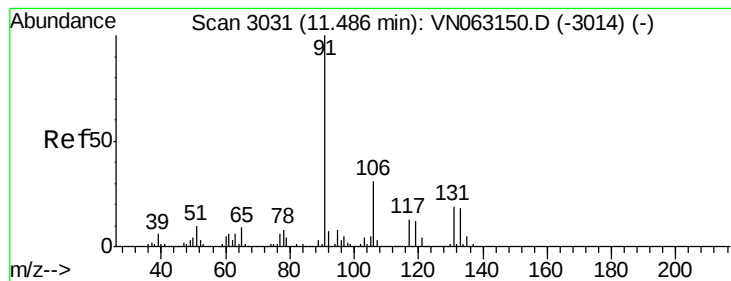


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.347 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1417609

Ion Ratio Lower Upper

91 100

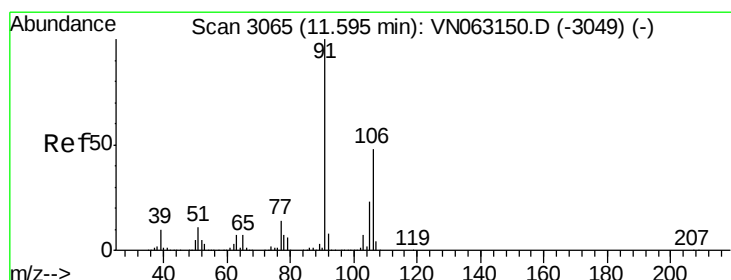
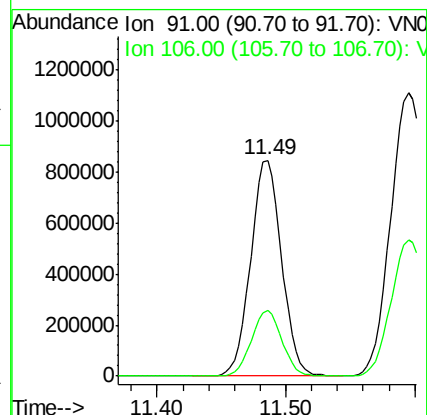
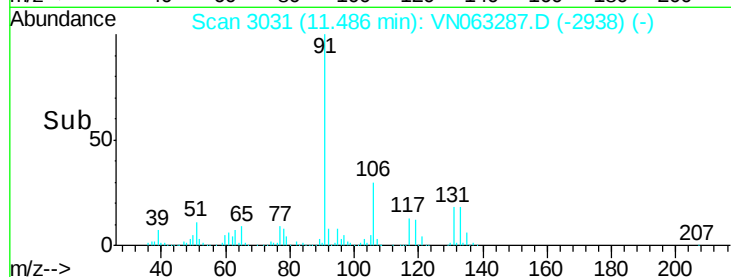
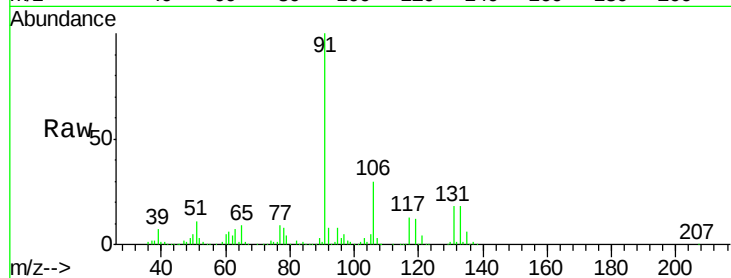
106 30.3 24.4 36.6

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#68

m/p-Xylenes

Concen: 107.087 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063287.D

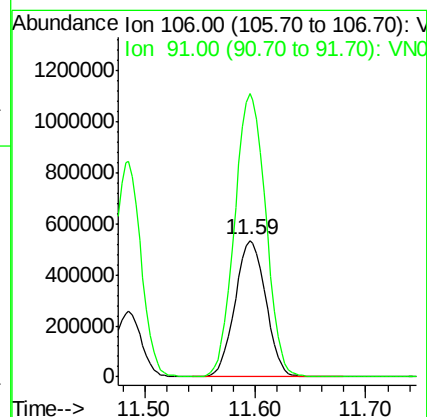
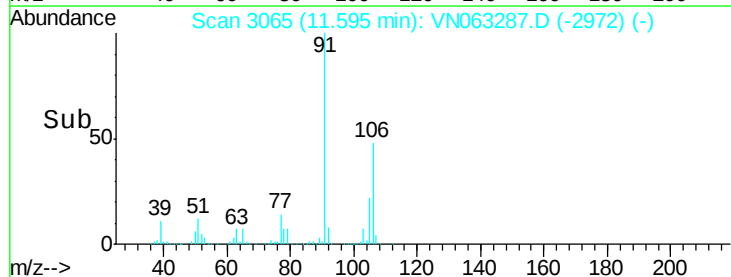
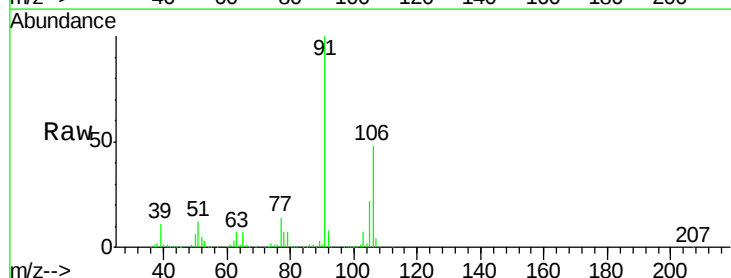
Acq: 9 Sep 2020 17:03

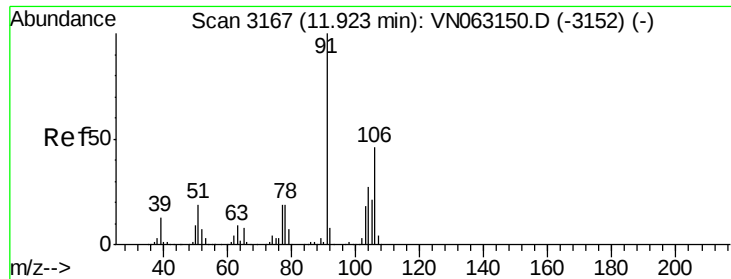
Tgt Ion: 106 Resp: 1034545

Ion Ratio Lower Upper

106 100

91 210.1 166.7 250.1





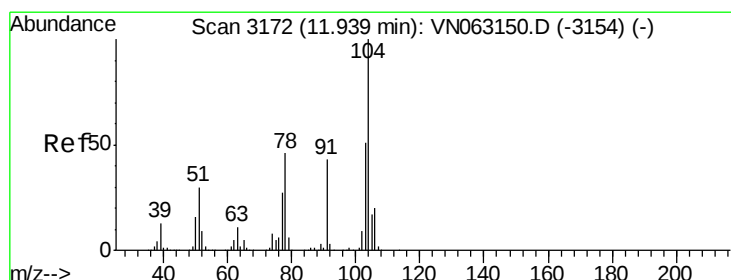
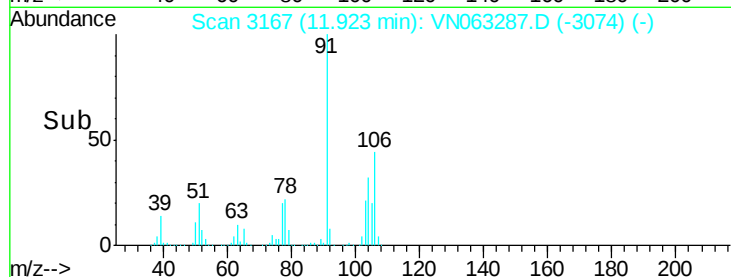
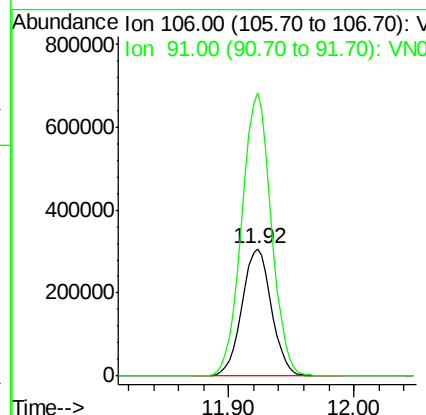
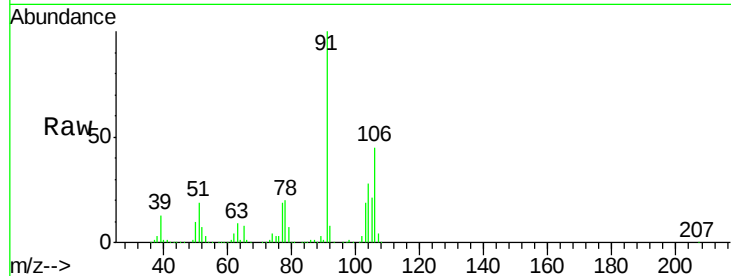
#69
o-Xylene
Concen: 53.869 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		502748		
91	222.2	108.6	325.6		

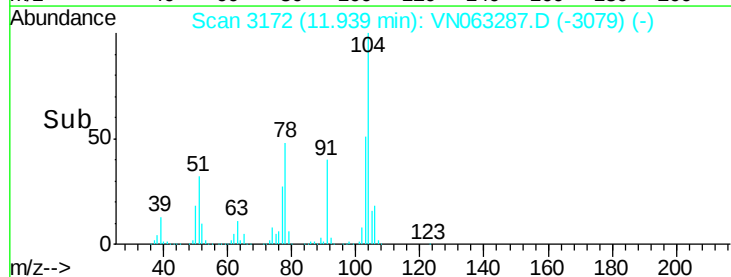
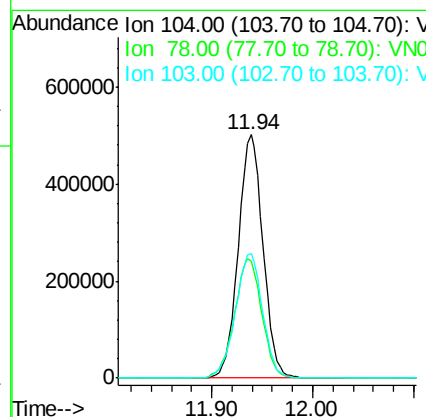
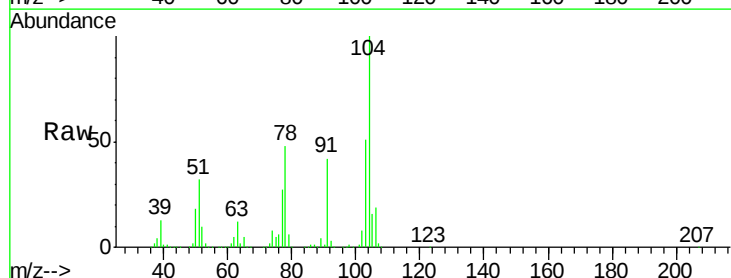
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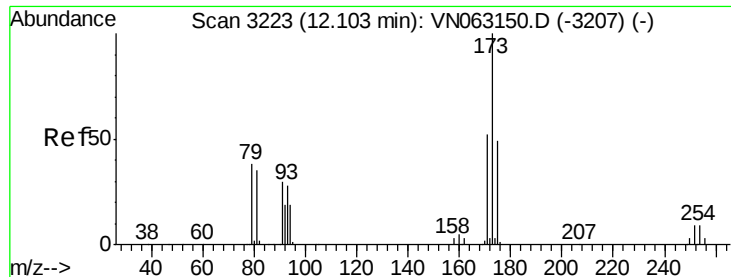
MMDadoda
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#70
Styrene
Concen: 53.367 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		855959		
78	54.2	41.0	61.6		
103	56.0	43.8	65.8		





#71

Bromoform

Concen: 56.387 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

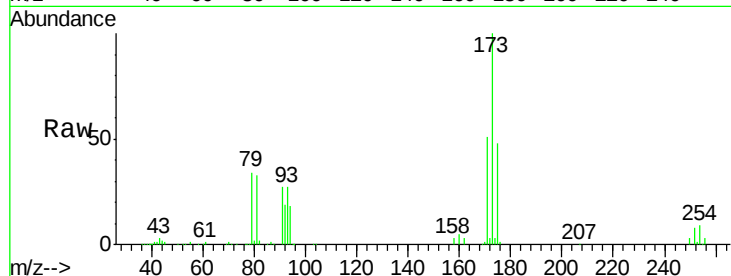
ClientSampleId :

VSTDCCC050EC

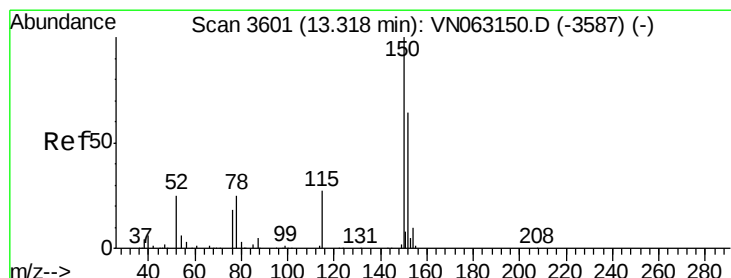
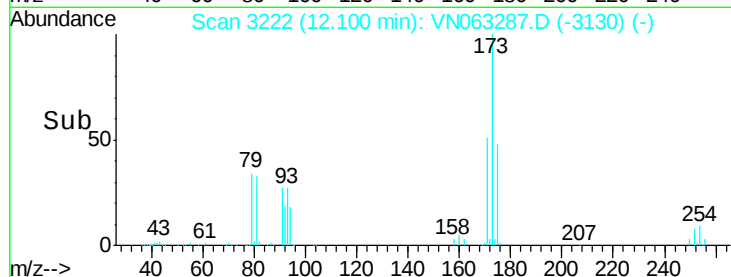
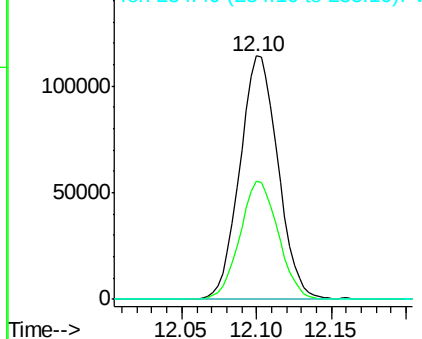
Tot Ion:	173	Resp:	203145
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.6	73.8
254	0.1	0.0	0.0#

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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

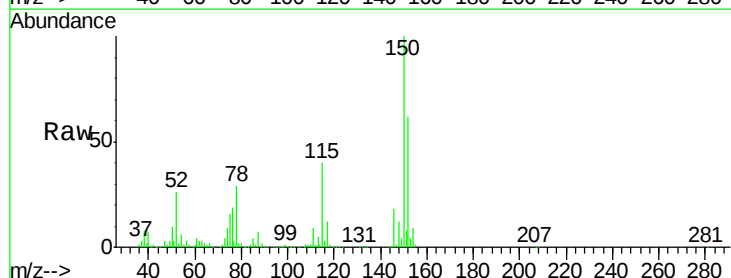
RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

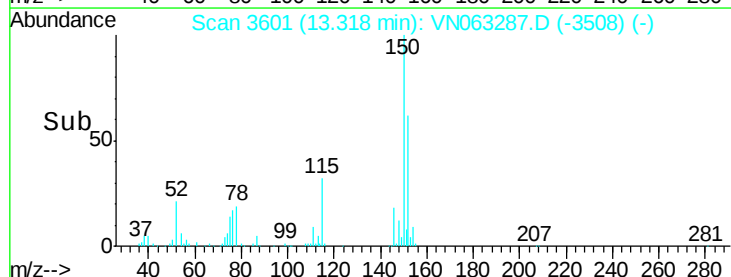
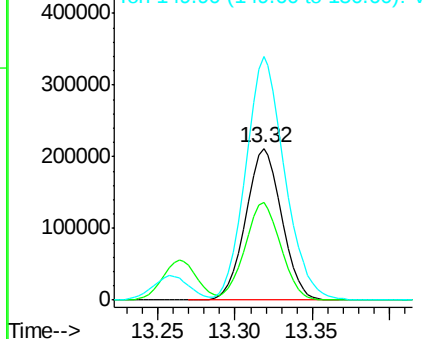
Lab File: VN063287.D

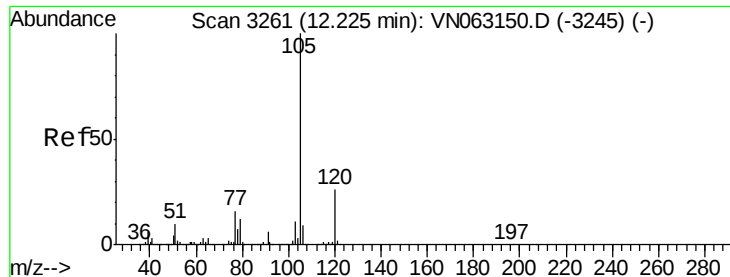
Acq: 9 Sep 2020 17:03

Tgt Ion:	152	Resp:	342229
Ion Ratio	Lower	Upper	
152	100		
115	63.9	32.0	96.2
150	173.7	0.0	353.0



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





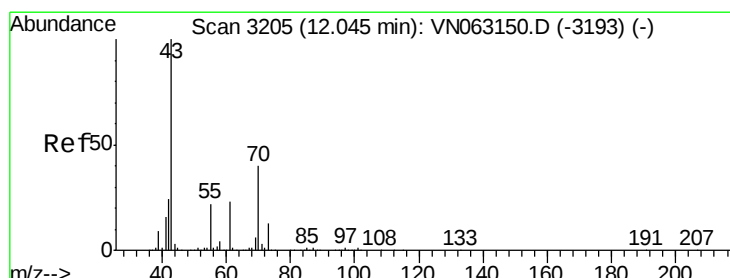
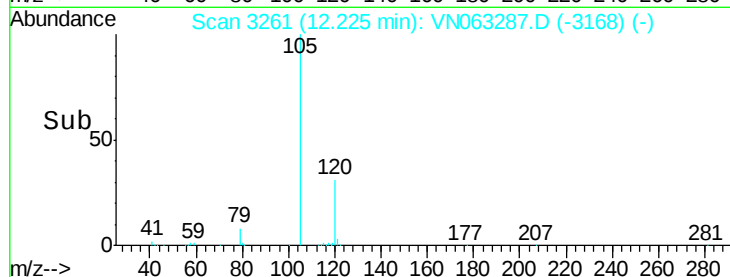
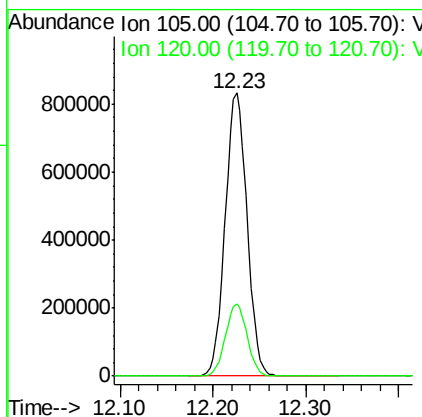
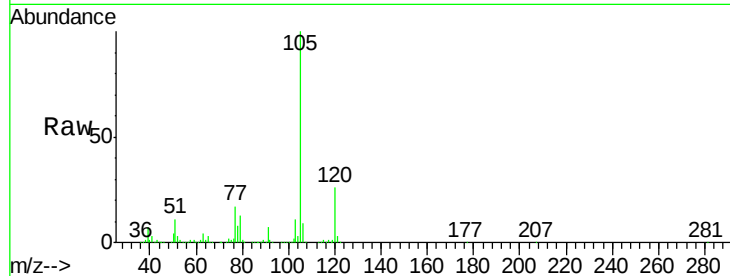
#73
Isopropylbenzene
Concen: 51.829 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1360449
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

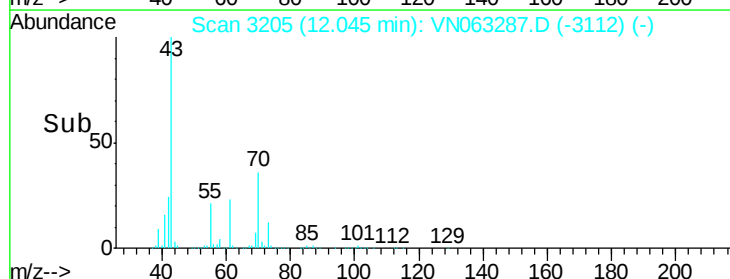
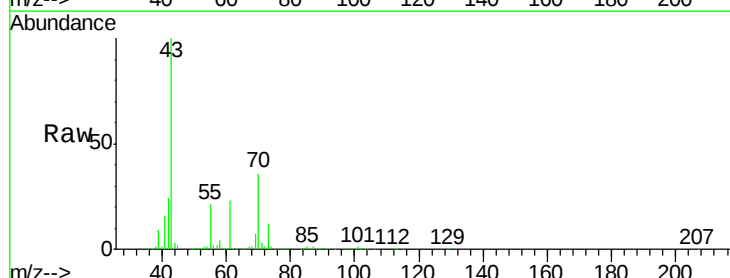
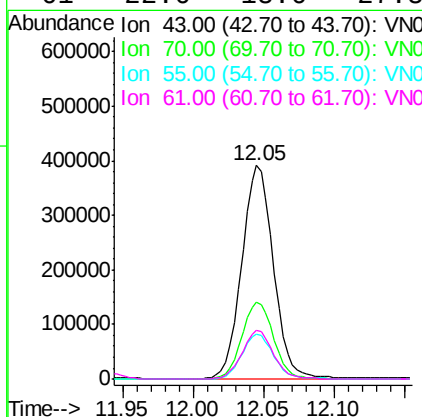
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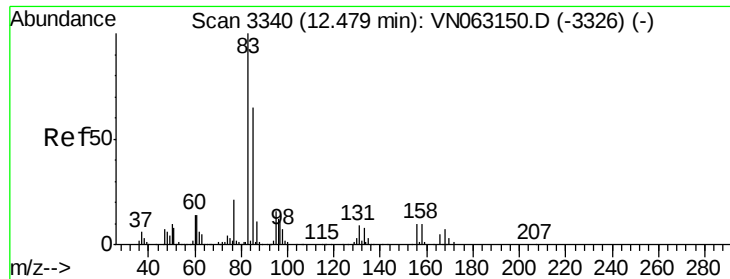
MMDadoda
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#74
N-ethyl acetate
Concen: 56.335 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 43 Resp: 612503
Ion Ratio Lower Upper
43 100
70 36.6 32.1 48.1
55 21.3 17.4 26.0
61 22.6 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.376 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 381223

Ion Ratio Lower Upper

83 100

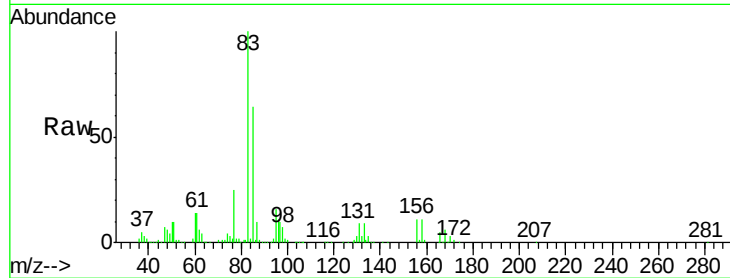
131 9.5 4.7 14.0

85 64.2 32.7 98.1

Manual Integrations
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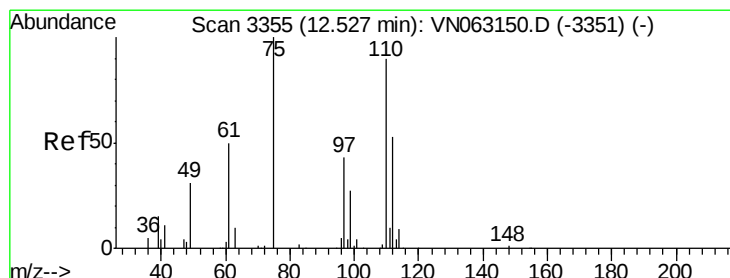
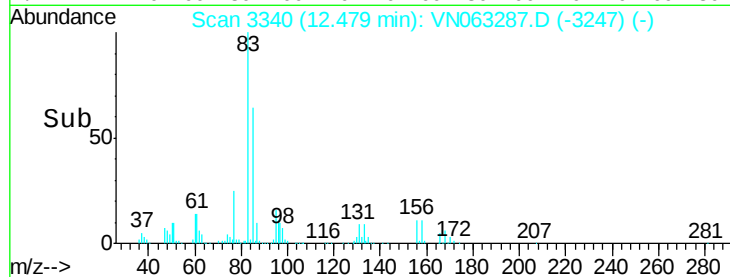


Abundance Ion 82.90 (82.60 to 83.60): VN063150.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN063150.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN063150.D (-3326) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 51.811 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063287.D

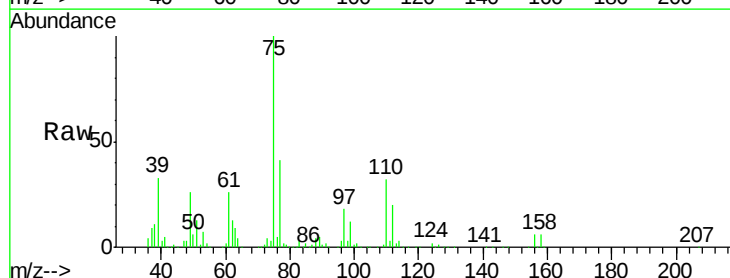
Acq: 9 Sep 2020 17:03

Tgt Ion: 75 Resp: 348382

Ion Ratio Lower Upper

75 100

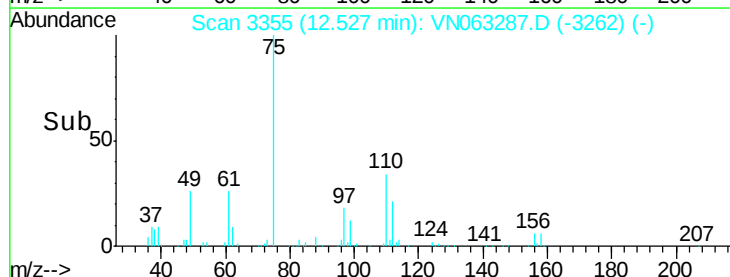
77 0.0 0.0 0.0

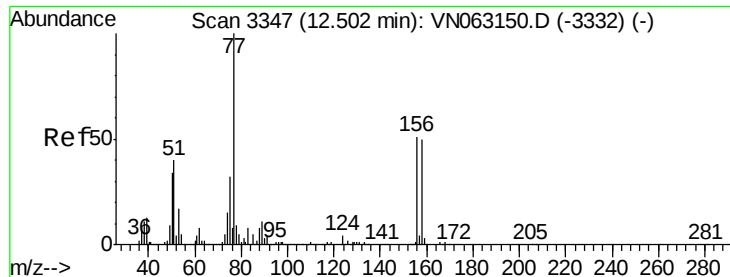


Abundance Ion 74.90 (74.60 to 75.60): VN063150.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN063150.D (-3351) (-)

Time-->





#77

Bromobenzene

Concen: 52.148 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

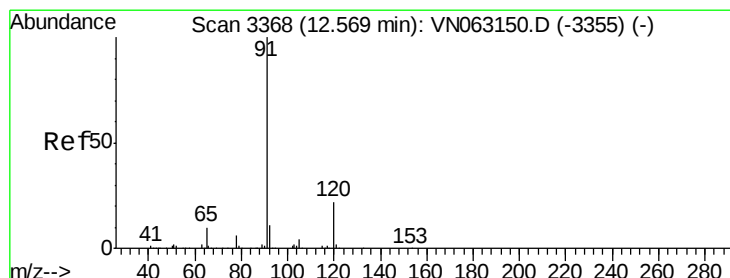
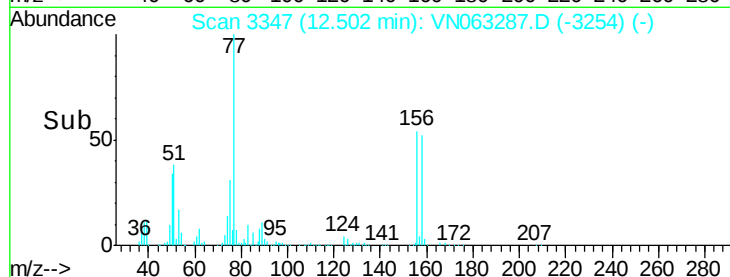
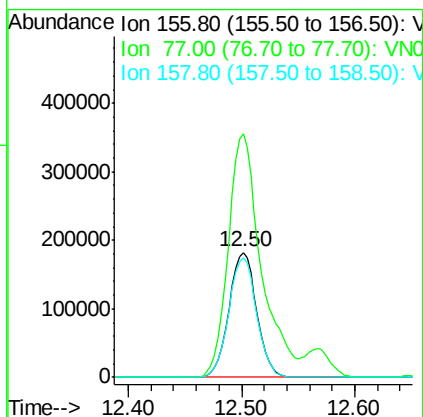
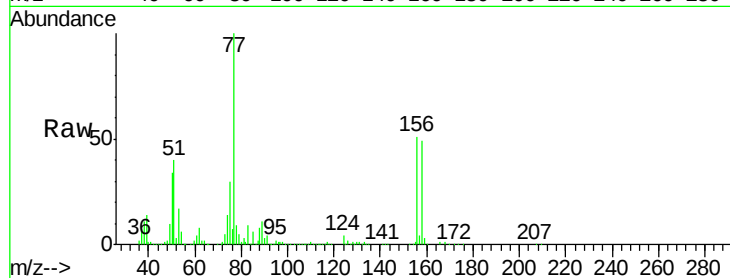
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	309567
Ion Ratio	Lower	Upper	
156	100		
77	232.5	116.1	348.3
158	96.9	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 52.332 ug/l

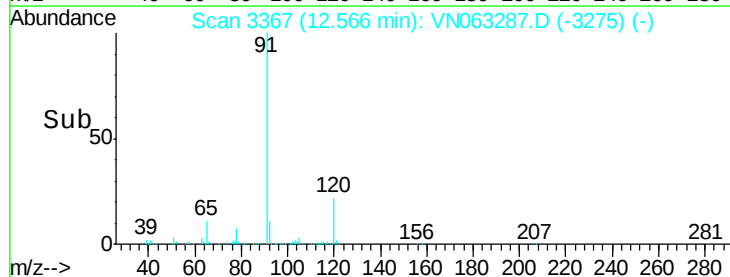
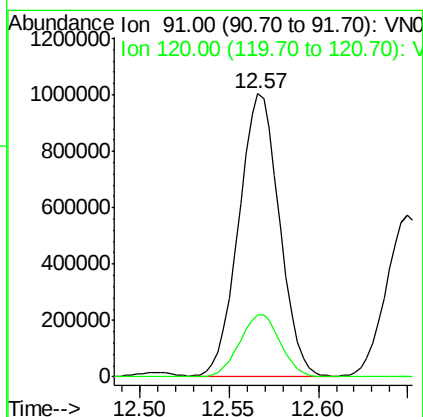
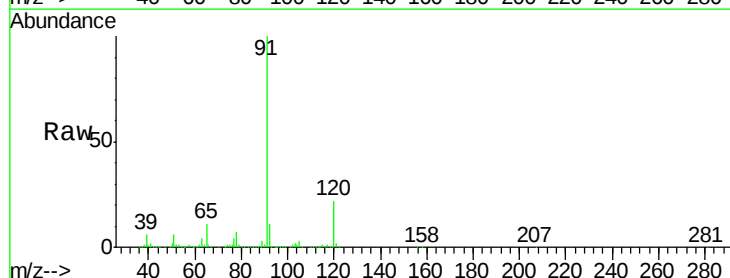
RT: 12.57 min Scan# 3367

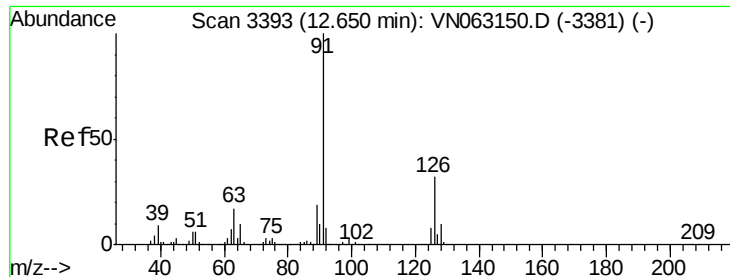
Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion:	91	Resp:	1589516
Ion Ratio	Lower	Upper	
91	100		
120	22.2	10.9	32.7





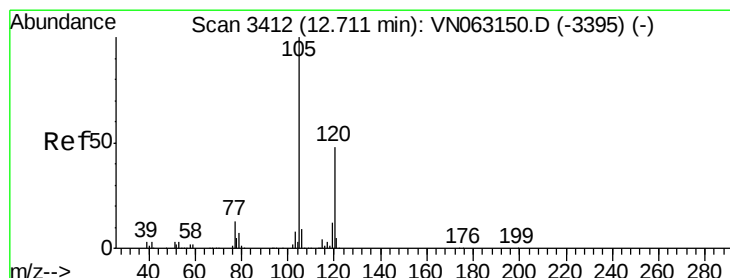
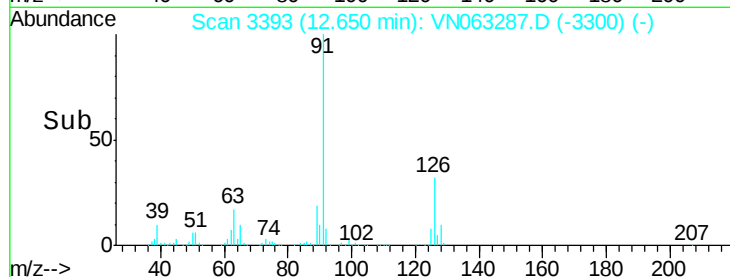
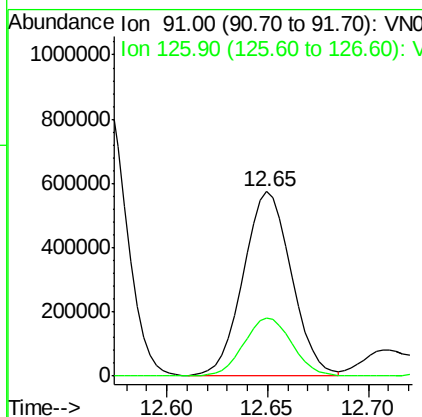
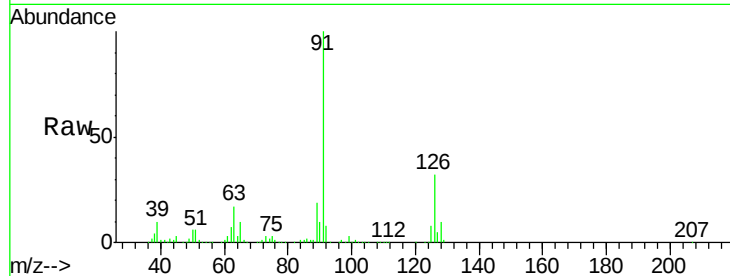
#79
2-Chlorotoluene
Concen: 52.347 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 952312
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3

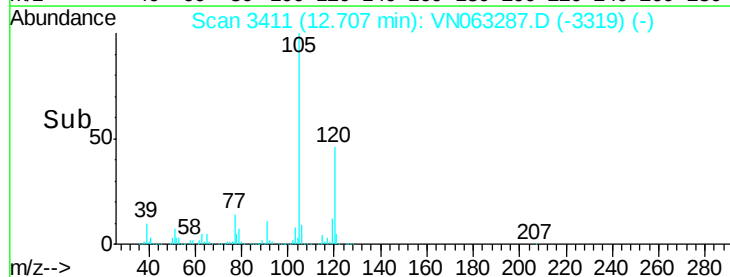
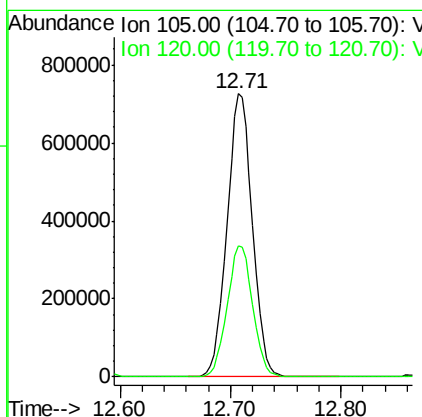
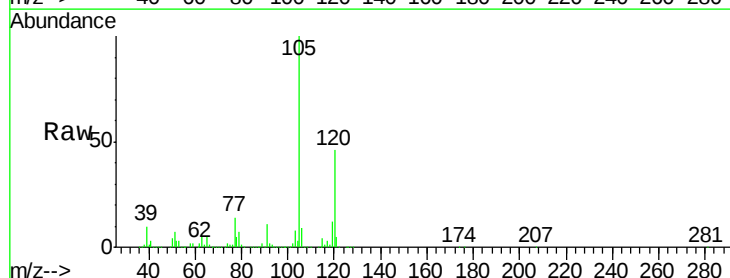
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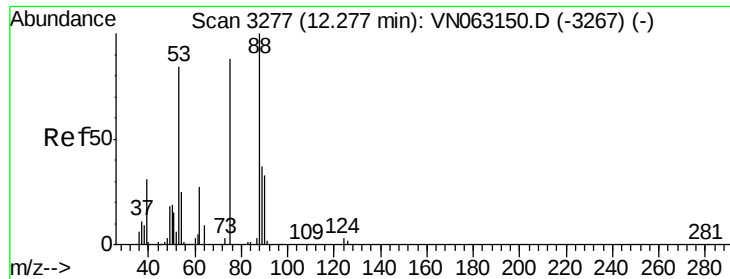
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#80
1,3,5-Trimethylbenzene
Concen: 52.652 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 105 Resp: 1150353
Ion Ratio Lower Upper
105 100
120 46.7 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.135 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

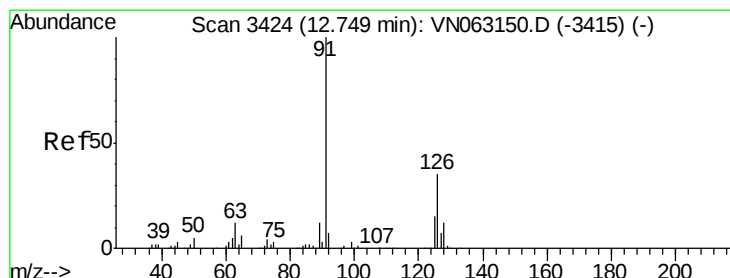
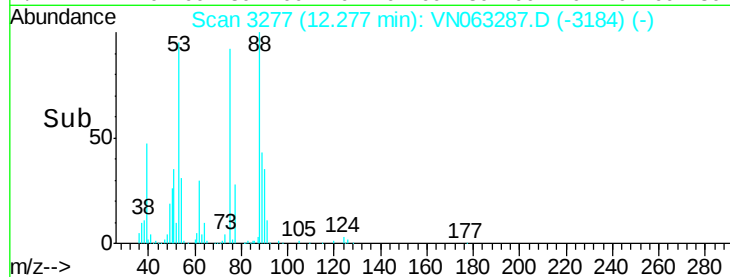
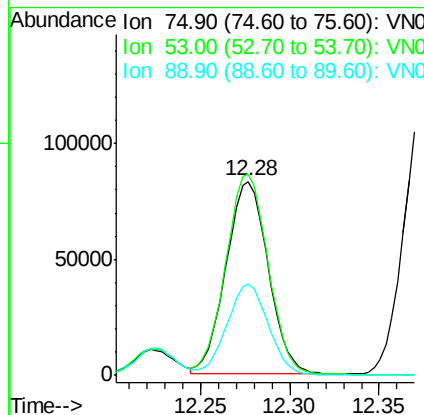
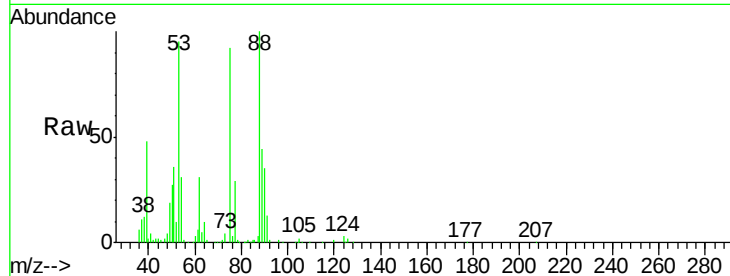
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	136695
Ion Ratio	Lower	Upper	
75	100		
53	105.3	78.7	118.1
89	46.1	35.3	52.9

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#82

4-Chlorotoluene

Concen: 52.486 ug/l

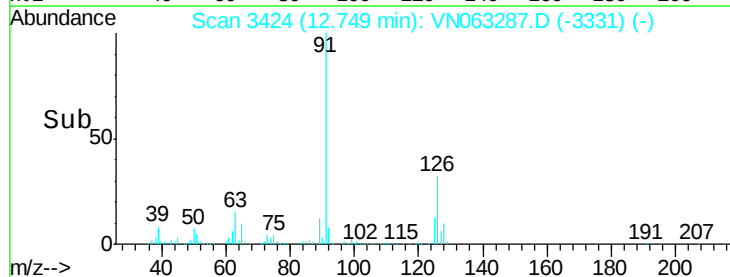
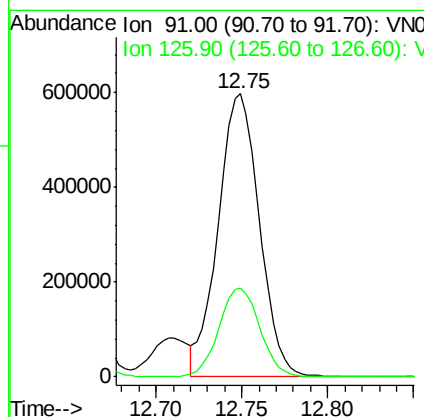
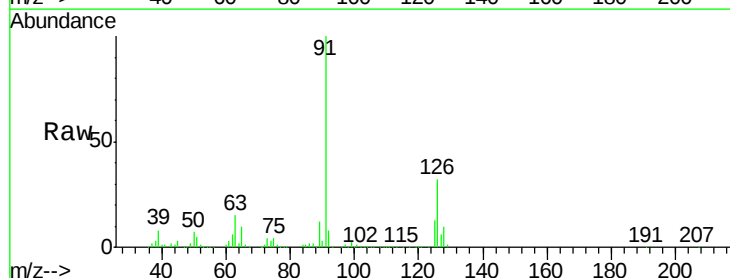
RT: 12.75 min Scan# 3424

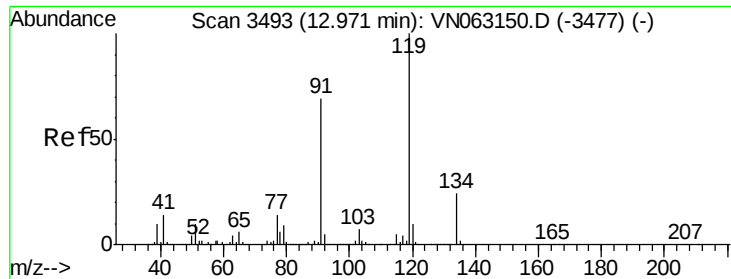
Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion:	91	Resp:	990287
Ion Ratio	Lower	Upper	
91	100		
126	31.5	16.2	48.5





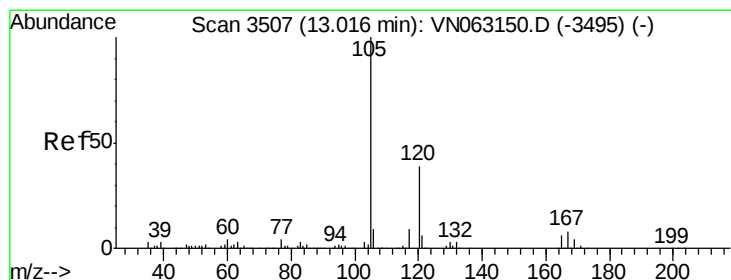
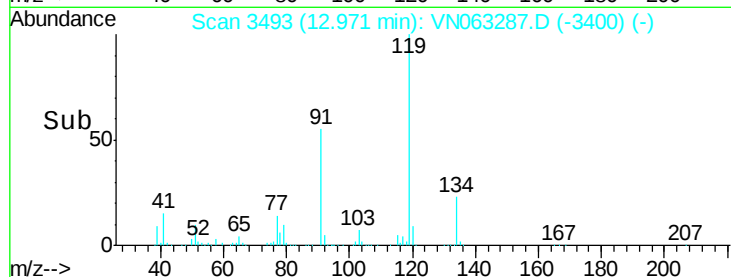
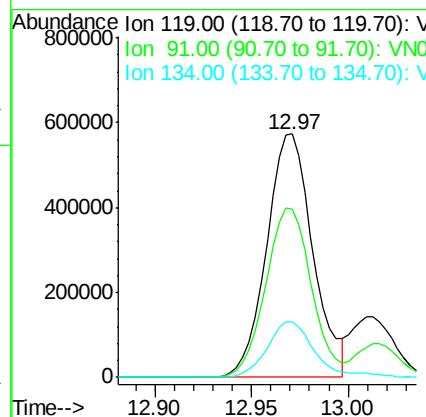
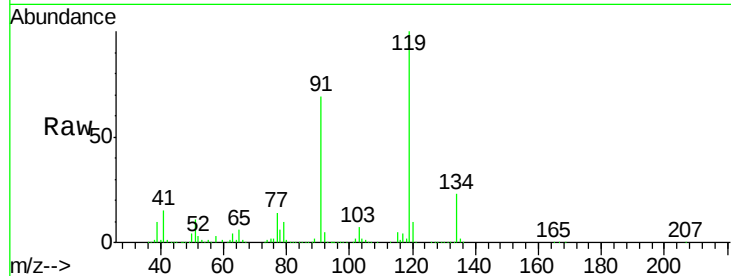
#83
tert-Butylbenzene
Concen: 51.035 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.6	33.7	101.0
134	23.8	12.0	36.0

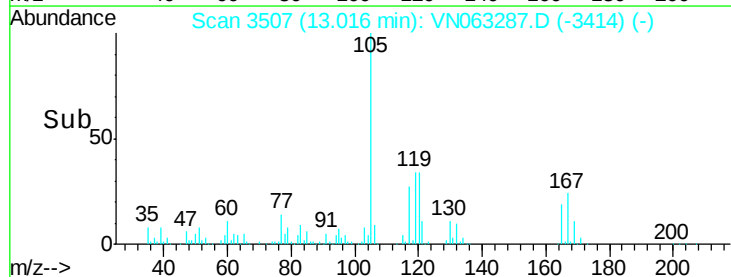
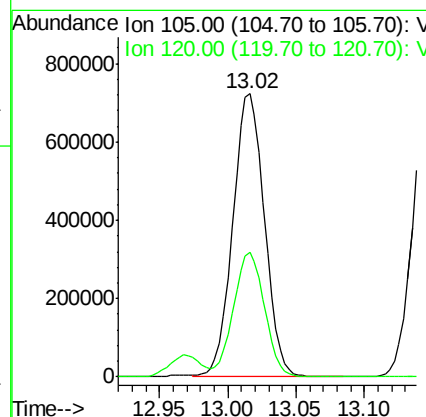
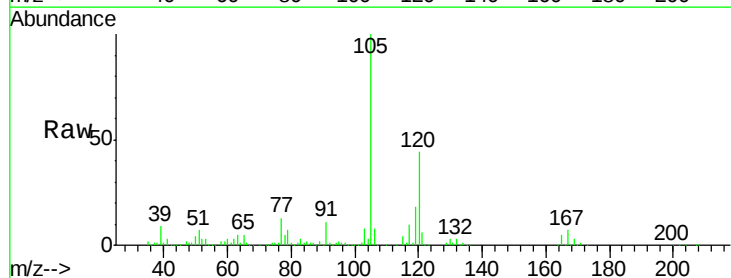
Manual Integrations
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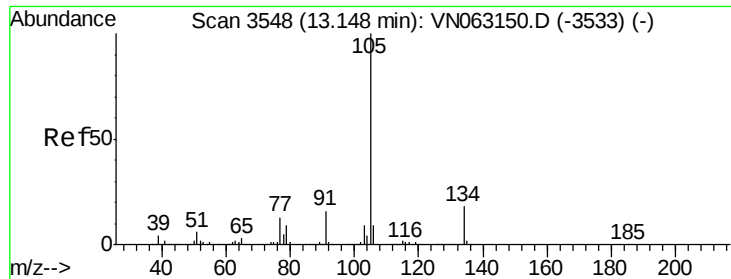
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#84
1,2,4-Trimethylbenzene
Concen: 52.614 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.6	67.7





#85

sec-Butylbenzene

Concen: 51.398 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1255175

Ion Ratio Lower Upper

105 100

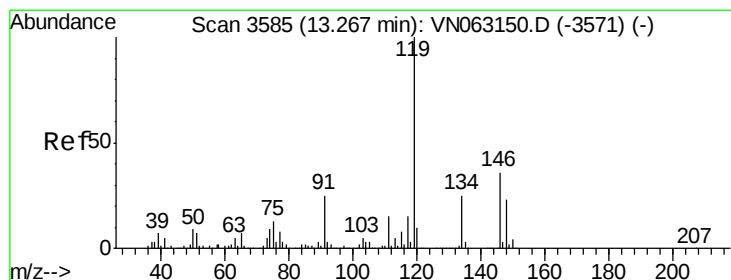
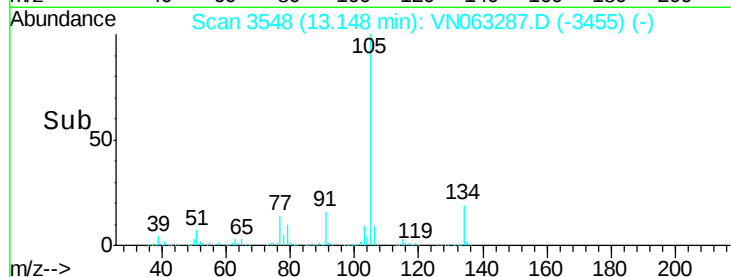
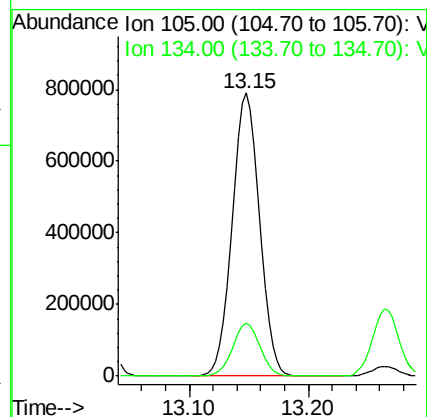
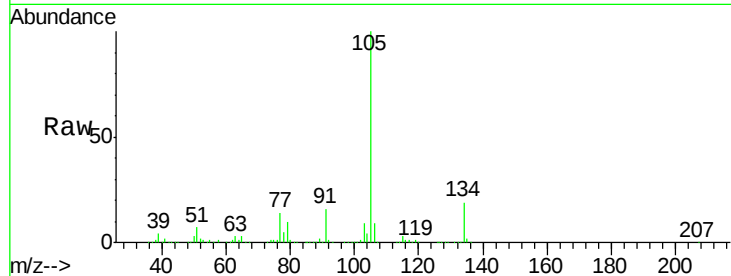
134 18.8 9.4 28.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.229 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

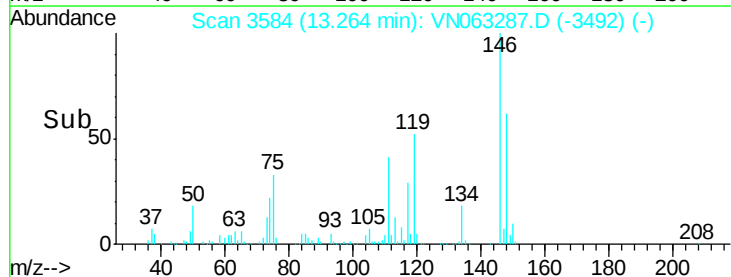
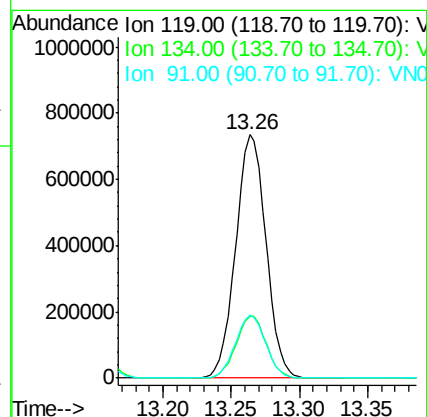
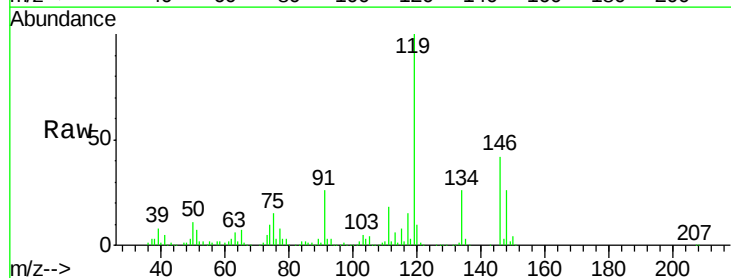
Tgt Ion:119 Resp: 1132373

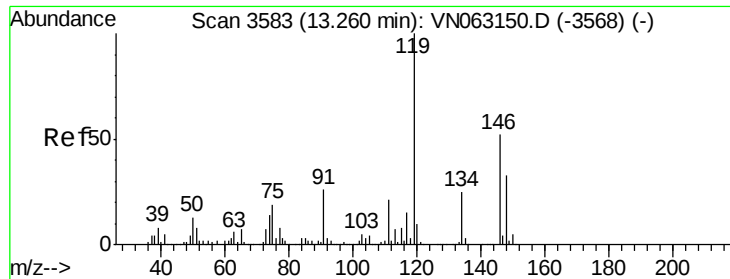
Ion Ratio Lower Upper

119 100

134 25.4 12.4 37.4

91 25.7 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 52.832 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

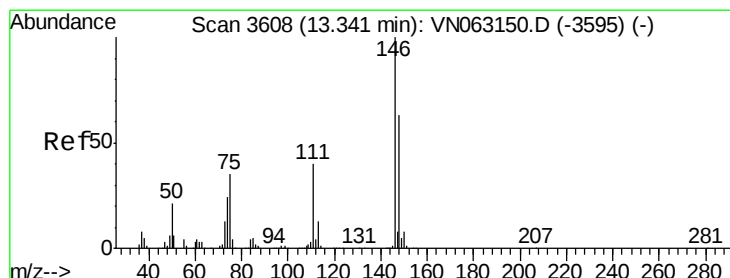
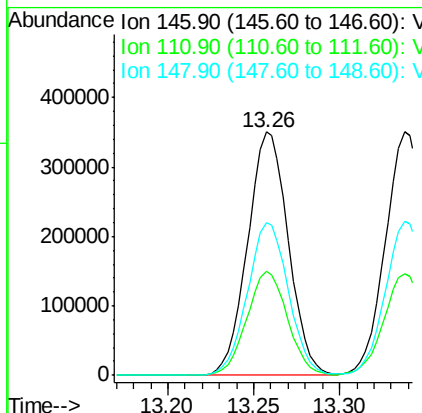
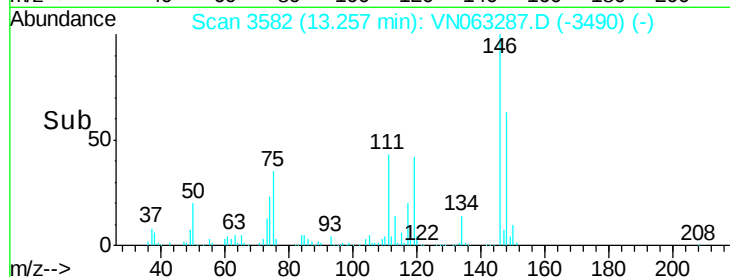
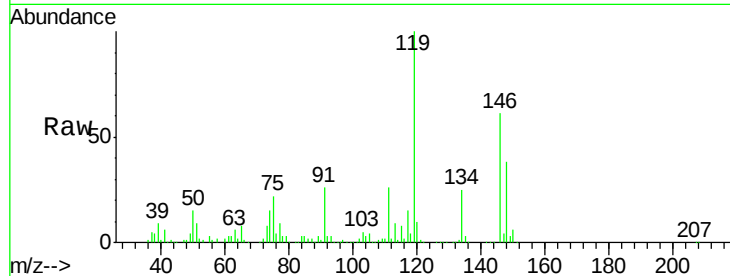
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	576159
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.3	63.7
148	63.0	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 51.124 ug/l

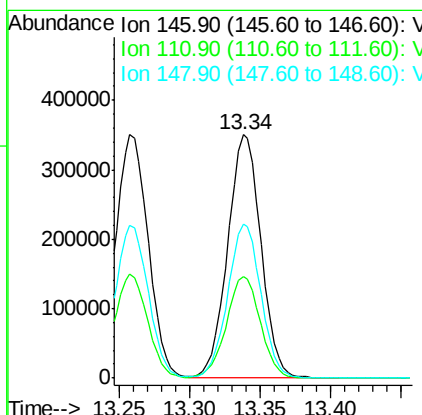
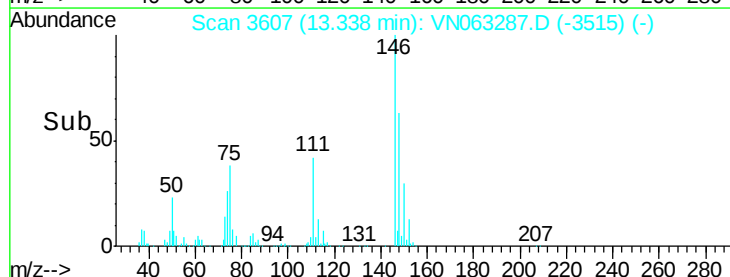
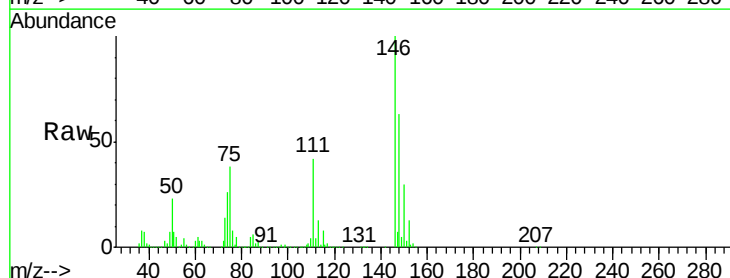
RT: 13.34 min Scan# 3607

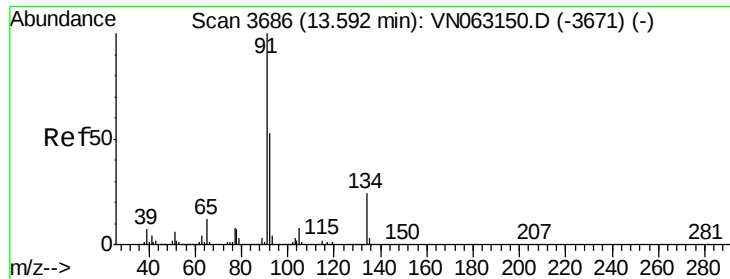
Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion:	146	Resp:	577297
Ion Ratio	Lower	Upper	
146	100		
111	42.6	20.5	61.5
148	63.1	31.9	95.7





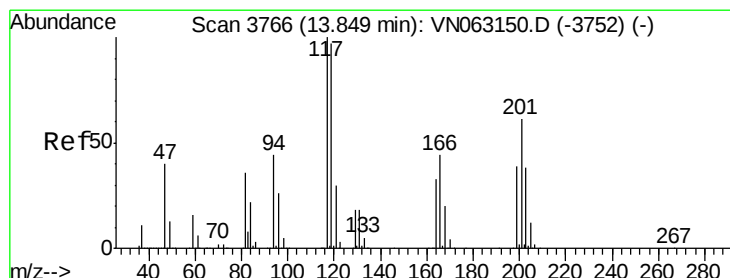
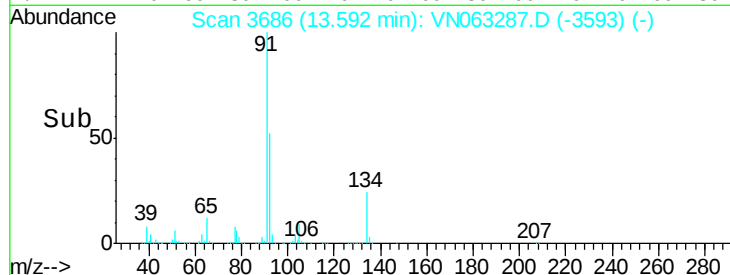
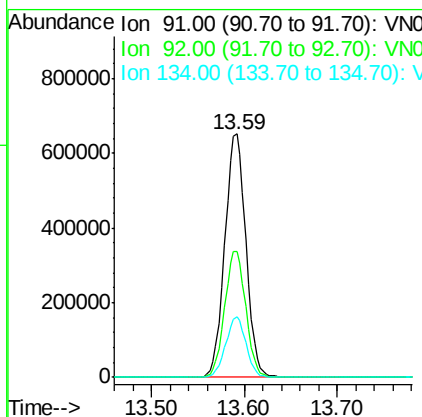
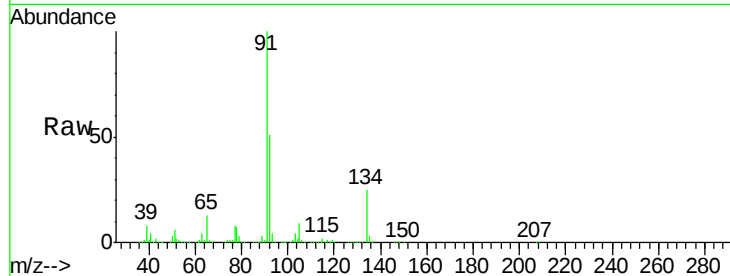
#89
n-Butylbenzene
Concen: 51.377 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1029058
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.8
134 24.0 12.0 36.0

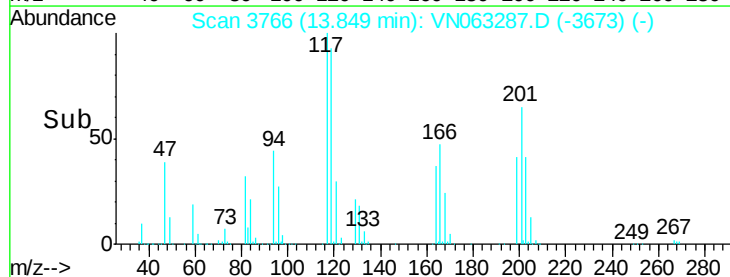
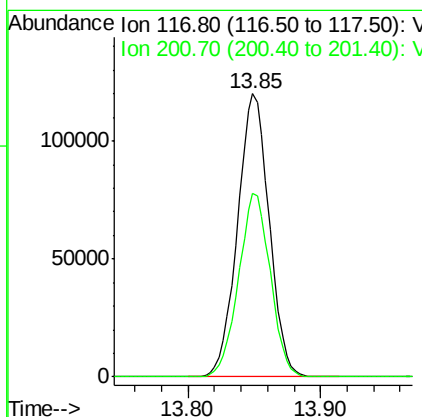
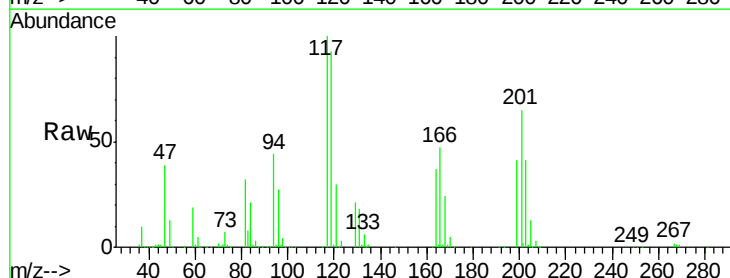
Manual Integrations
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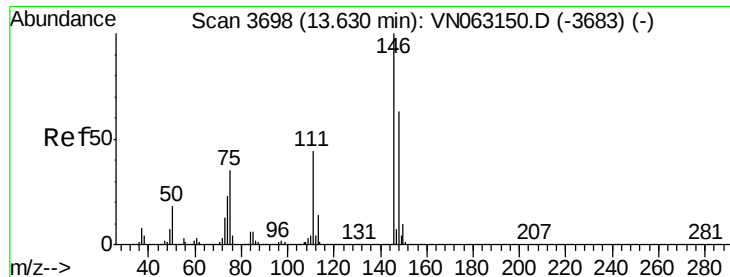
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#90
Hexachloroethane
Concen: 49.502 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 117 Resp: 198674
Ion Ratio Lower Upper
117 100
201 65.0 30.6 92.0





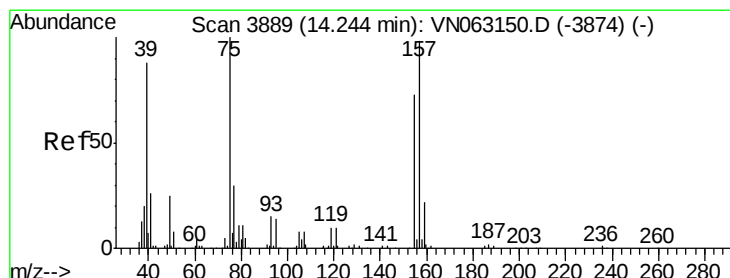
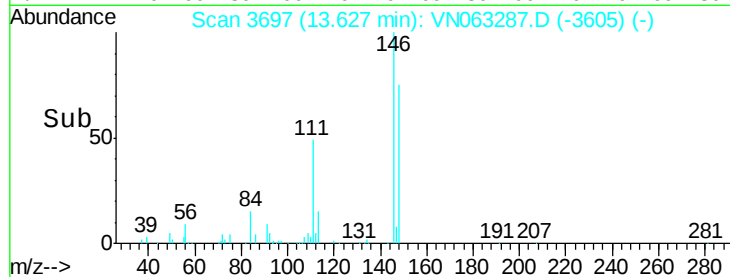
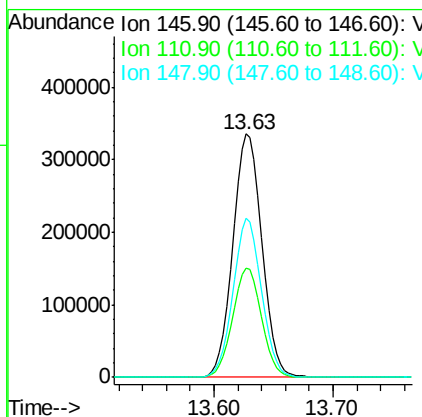
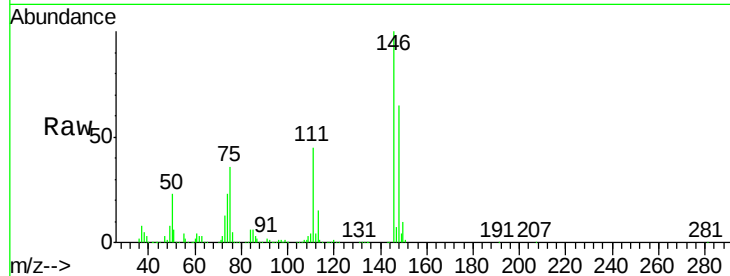
#91
 1,2-Dichlorobenzene
 Concen: 53.694 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.0	66.0
148	64.0	31.6	95.0

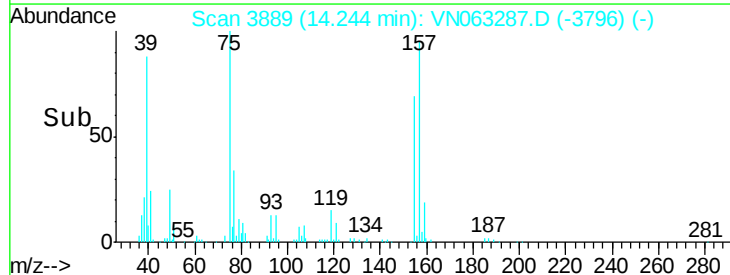
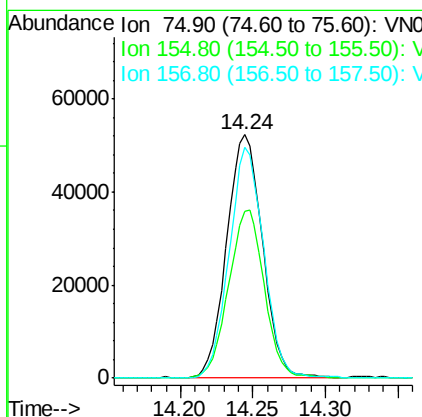
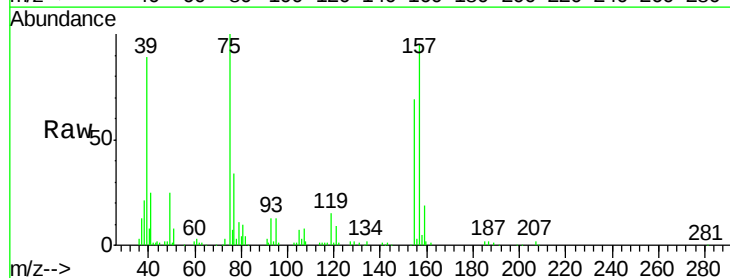
Manual Integrations
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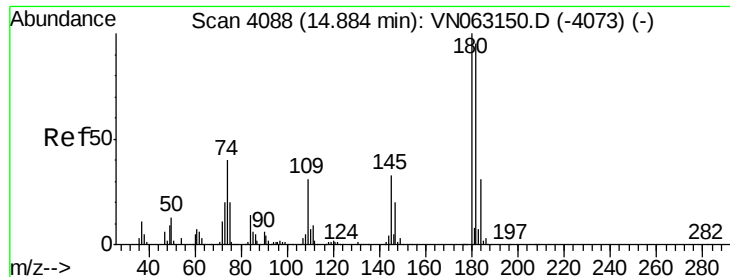
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.358 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	36.1	108.5
157	92.4	48.4	145.0





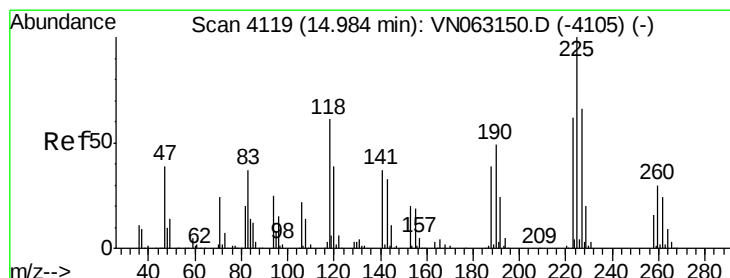
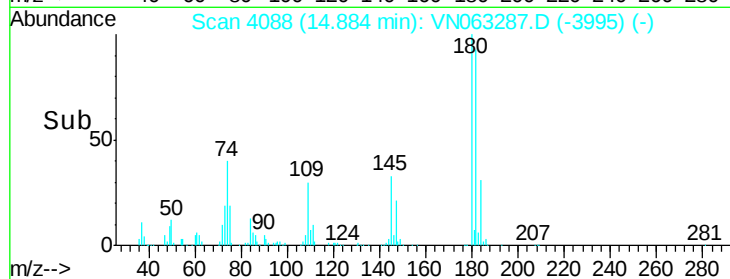
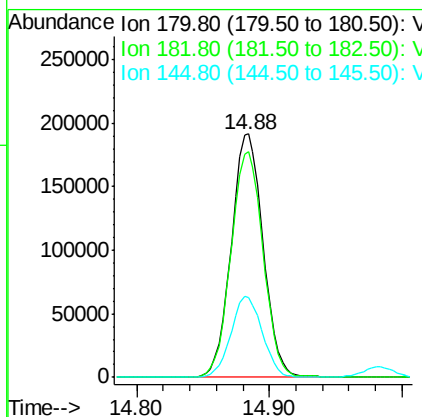
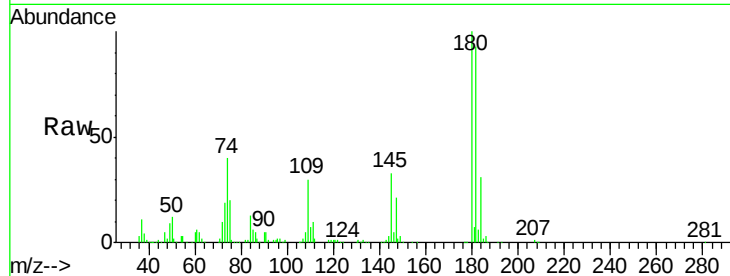
#93
 1,2,4-Trichlorobenzene
 Concen: 53.889 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	318615		
182	94.1	47.5	142.5	
145	32.9	16.6	49.8	

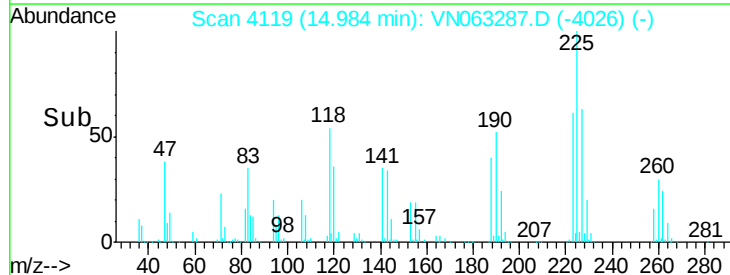
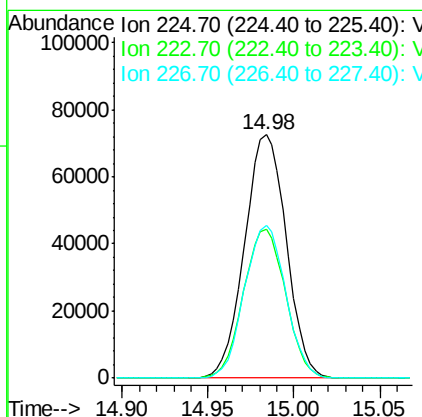
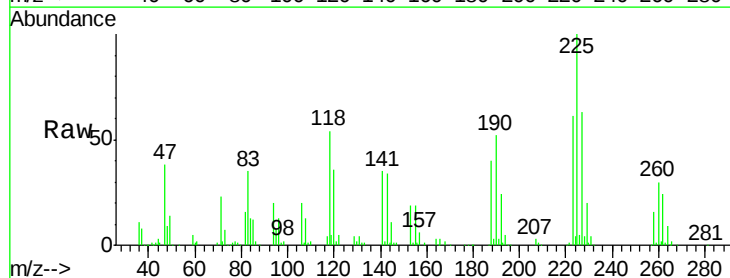
Manual Integrations
 APPROVED

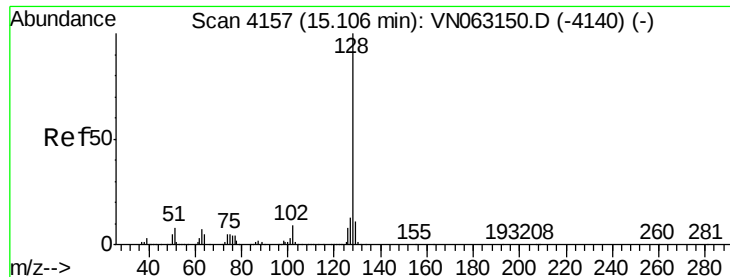
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 55.352 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122257		
223	61.7	30.9	92.7	
227	62.1	32.9	98.7	





#95

Naphthalene

Concen: 50.673 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

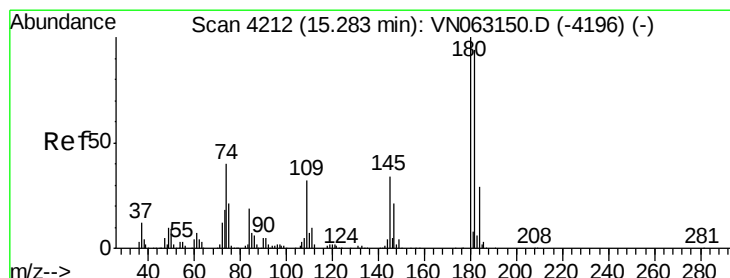
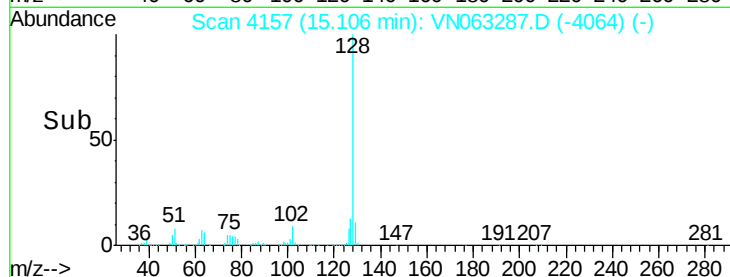
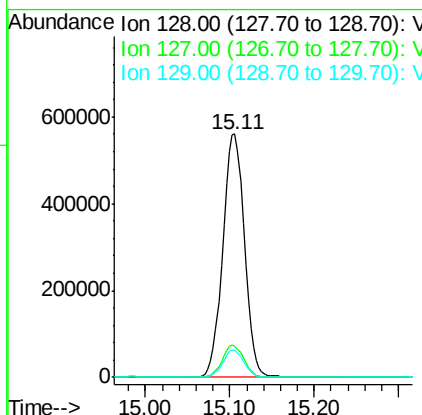
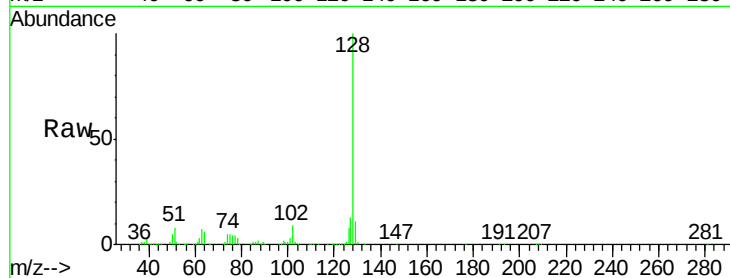
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	999577
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
9/10/2020 4:04:32 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.426 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion:	180	Resp:	301987
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.5	142.5
145	34.6	17.3	52.0

