

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063271.D
 Acq On : 9 Sep 2020 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:13 PM

Quant Time: Sep 09 15:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	458322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	812647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	721927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	347811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	338980	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
35) Dibromofluoromethane	7.55	113	251086	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	958482	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.38	95	361903	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	199891	44.285	ug/l	98
3) Chloromethane	2.04	50	277042	42.151	ug/l	98
4) Vinyl Chloride	2.17	62	291942	40.211	ug/l	100
5) Bromomethane	2.52	94	190935	31.242	ug/l	97
6) Chloroethane	2.67	64	190383	32.980	ug/l	98
7) Trichlorofluoromethane	2.98	101	456436	45.199	ug/l	98
8) Diethyl Ether	3.37	74	162042	46.647	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	249863	50.632	ug/l	98
10) Methyl Iodide	3.91	142	307768	45.727	ug/l	98
11) Tert butyl alcohol	4.72	59	210173	228.531	ug/l	99
12) 1,1-Dichloroethene	3.70	96	240384	47.804	ug/l	99
13) Acrolein	3.57	56	48581	145.767	ug/l	97
14) Allyl chloride	4.27	41	479627	53.706	ug/l	98
15) Acrylonitrile	4.93	53	603355	234.365	ug/l	100
16) Acetone	3.77	43	604403	283.781	ug/l	99
17) Carbon Disulfide	4.01	76	663041	44.300	ug/l	98
18) Methyl Acetate	4.27	43	313067	57.328	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	871206	46.703	ug/l	99
20) Methylene Chloride	4.50	84	282488	47.141	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	266863	48.036	ug/l	97
22) Diisopropyl ether	5.90	45	993119	49.624	ug/l	95
23) Vinyl Acetate	5.84	43	3975764	248.974	ug/l	96
24) 1,1-Dichloroethane	5.79	63	541290	49.062	ug/l	97
25) 2-Butanone	6.78	43	863752	261.916	ug/l	99
26) 2,2-Dichloropropane	6.77	77	482941	48.314	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	312412	46.265	ug/l	95
28) Bromochloromethane	7.15	49	286235	49.659	ug/l	99
29) Tetrahydrofuran	7.16	42	549870	241.140	ug/l	96
30) Chloroform	7.33	83	540586	46.834	ug/l	100
31) Cyclohexane	7.61	56	458167	47.020	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	472130	47.467	ug/l	99
36) 1,1-Dichloropropene	7.75	75	403536	51.654	ug/l	99
37) Ethyl Acetate	6.87	43	364785	49.453	ug/l #	96
38) Carbon Tetrachloride	7.73	117	407390	51.420	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	427024	48.655	ug/l	95
40) Benzene	8.00	78	1153803	50.258	ug/l	99
41) Methacrylonitrile	7.12	41	166859m	50.699	ug/l	
42) 1,2-Dichloroethane	8.08	62	449261	52.388	ug/l	98
43) Isopropyl Acetate	8.12	43	670910	52.658	ug/l	99
44) Trichloroethene	8.80	130	303287	54.464	ug/l	100
45) 1,2-Dichloropropane	9.08	63	319123	52.501	ug/l	98
46) Dibromomethane	9.17	93	205575	51.035	ug/l	98
47) Bromodichloromethane	9.37	83	440494	51.018	ug/l	100
48) Methyl methacrylate	9.16	41	315139	54.868	ug/l	95
49) 1,4-Dioxane	9.17	88	85079	957.704	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	1842791	266.166	ug/l	100
52) Toluene	10.12	92	713848	49.915	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	484560	51.306	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	522772	52.732	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	274443	50.109	ug/l	97
56) Ethyl methacrylate	10.40	69	425861	51.093	ug/l	97
57) 1,3-Dichloropropane	10.68	76	491429	50.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2287618	530.008	ug/l	96
59) 2-Hexanone	10.72	43	1373972	282.379	ug/l	97
60) Dibromochloromethane	10.87	129	317427	52.423	ug/l	100
61) 1,2-Dibromoethane	10.98	107	279579	49.105	ug/l	97
64) Tetrachloroethene	10.60	164	301327	58.125	ug/l	98
65) Chlorobenzene	11.41	112	751405	51.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	285550	52.894	ug/l	98
67) Ethyl Benzene	11.48	91	1411618	53.216	ug/l	99
68) m/p-Xylenes	11.59	106	1025143	104.347	ug/l	97
69) o-Xylene	11.92	106	498986	52.576	ug/l	97
70) Styrene	11.94	104	844657	51.785	ug/l	97
71) Bromoform	12.10	173	198288	54.123	ug/l #	99
73) Isopropylbenzene	12.23	105	1349807	50.599	ug/l	100
74) N-amyl acetate	12.04	43	569828	51.569	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	352580	45.843	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	355193m	51.976	ug/l	
77) Bromobenzene	12.50	156	303686	50.336	ug/l	99
78) n-propylbenzene	12.57	91	1581717	51.239	ug/l	100
79) 2-Chlorotoluene	12.65	91	941154	50.904	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1147192	51.664	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	137480	48.624	ug/l	97
82) 4-Chlorotoluene	12.75	91	996972	51.992	ug/l	98
83) tert-Butylbenzene	12.97	119	946939	49.726	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1154607	51.587	ug/l	97
85) sec-Butylbenzene	13.15	105	1233850	49.714	ug/l	100
86) p-Isopropyltoluene	13.26	119	1127863	51.186	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	566124	51.079	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	567024	49.408	ug/l	98
89) n-Butylbenzene	13.59	91	1033867	50.788	ug/l	99
90) Hexachloroethane	13.85	117	192266	47.136	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	559464	52.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	84517	49.984	ug/l	94

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VSTDCCC050

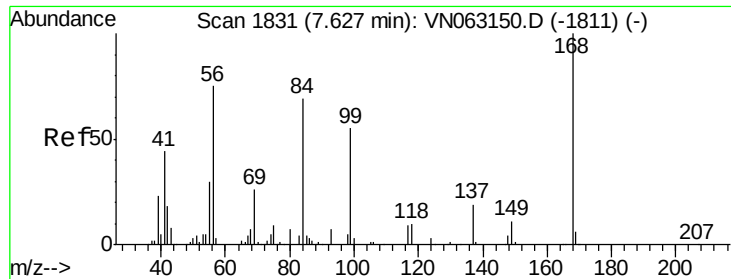
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	323957	53.913	ug/l	100
94) Hexachlorobutadiene	14.98	225	118874	52.957	ug/l	97
95) Naphthalene	15.10	128	952210	47.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	299105	51.092	ug/l	99

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



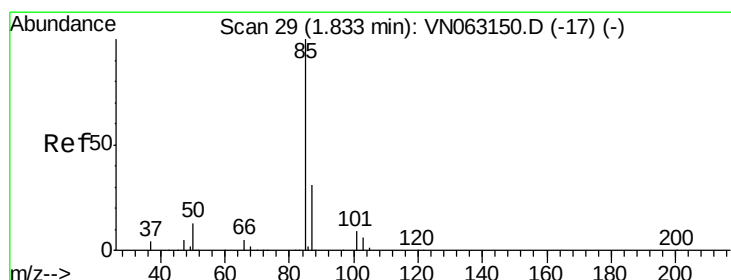
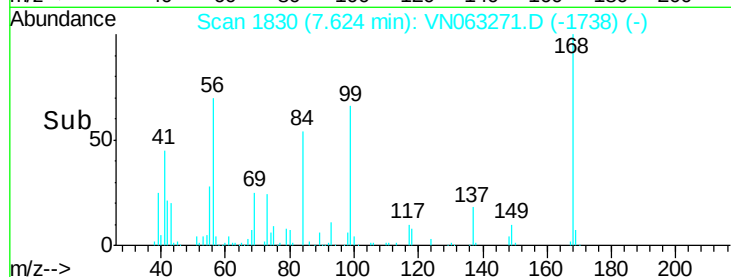
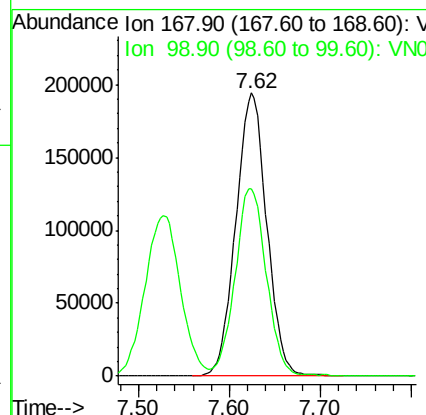
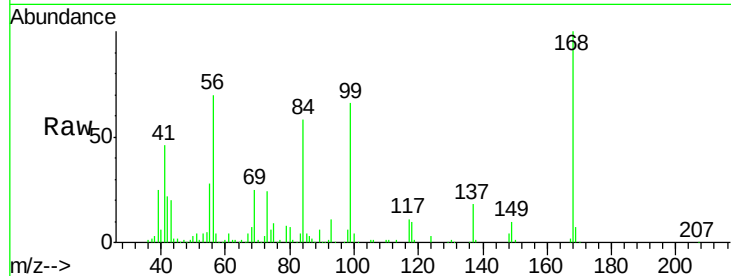
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 458322
Ion Ratio Lower Upper
168 100
99 66.1 54.2 81.2

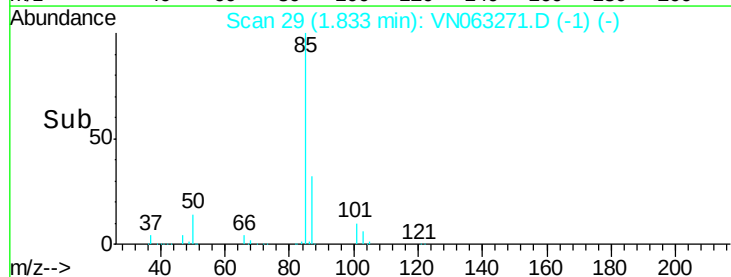
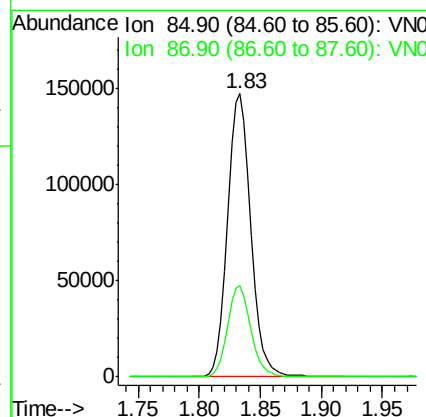
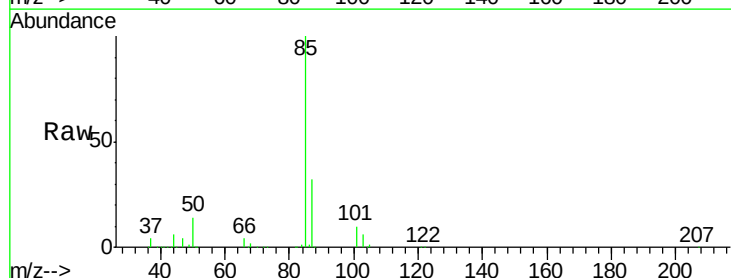
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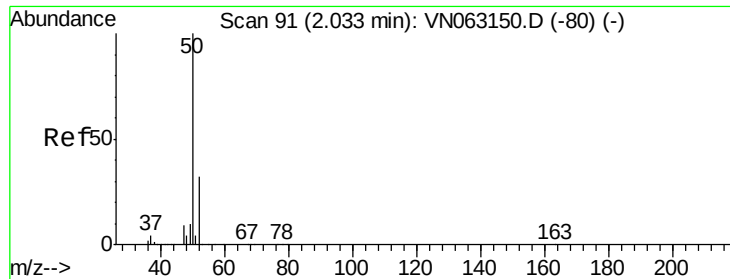
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#2
Dichlorodifluoromethane
Concen: 44.285 ug/l
RT: 1.83 min Scan# 29
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 85 Resp: 199891
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8





#3

Chloromethane

Concen: 42.151 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 277042

Ion Ratio Lower Upper

50 100

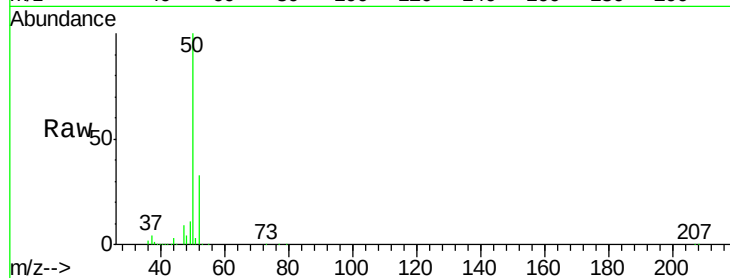
52 33.3 25.8 38.6

Manual Integrations

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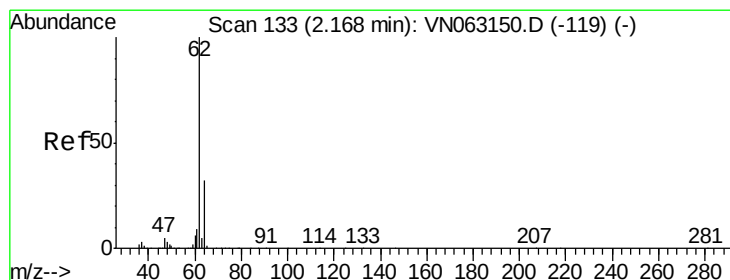
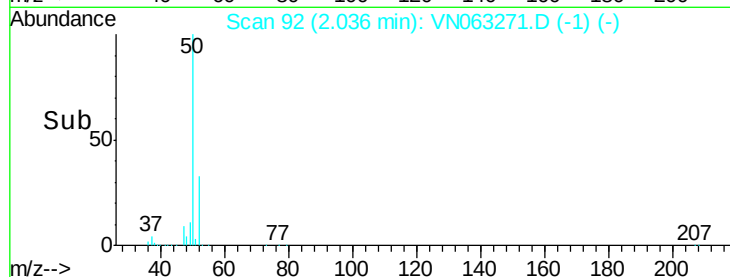
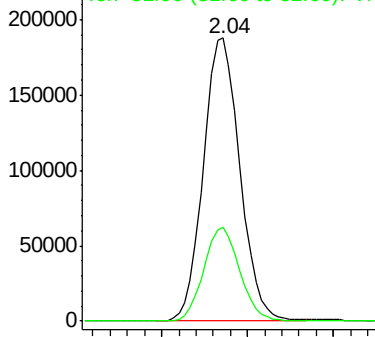
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 40.211 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063271.D

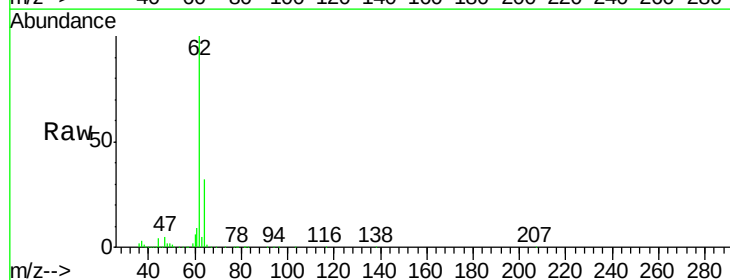
Acq: 9 Sep 2020 10:08

Tgt Ion: 62 Resp: 291942

Ion Ratio Lower Upper

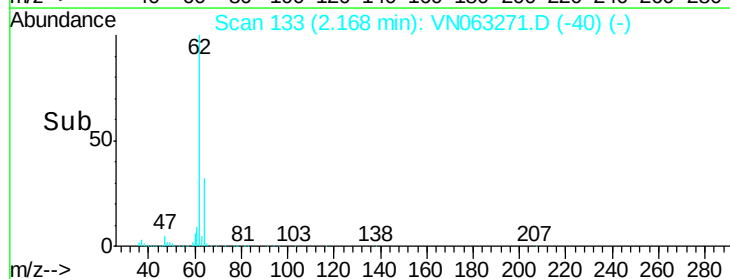
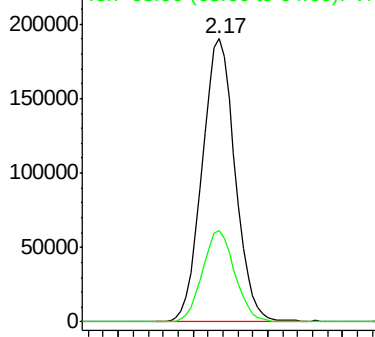
62 100

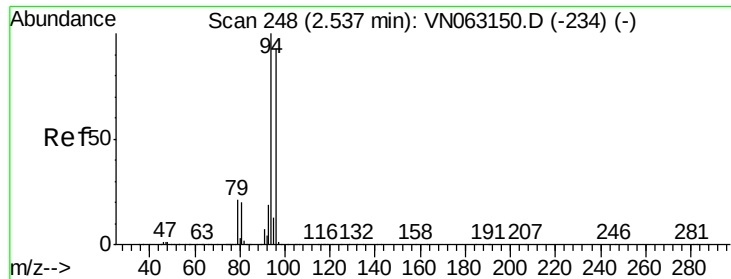
64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 31.242 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.02 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 190935

Ion Ratio Lower Upper

94 100

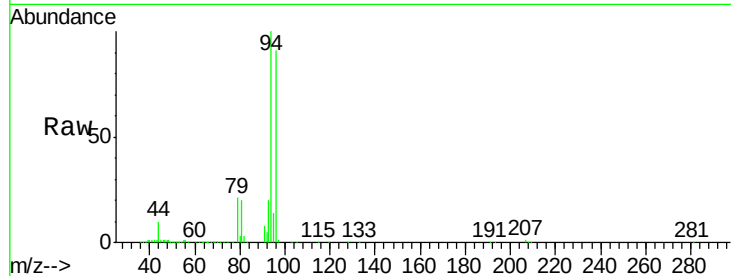
96 90.6 74.4 111.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

100000

80000

60000

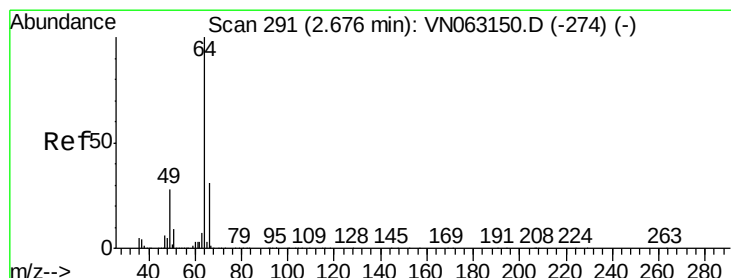
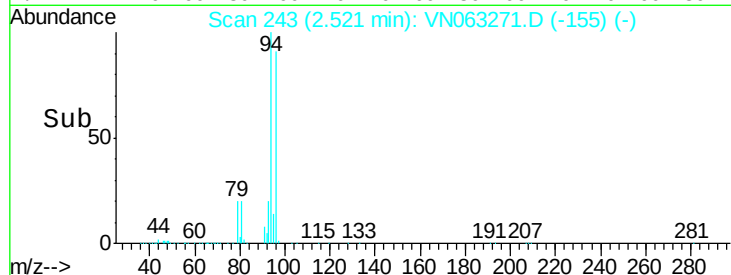
40000

20000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 32.980 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN063271.D

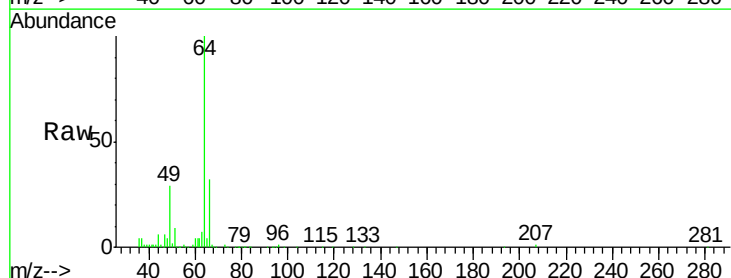
Acq: 9 Sep 2020 10:08

Tgt Ion: 64 Resp: 190383

Ion Ratio Lower Upper

64 100

66 31.8 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

60000

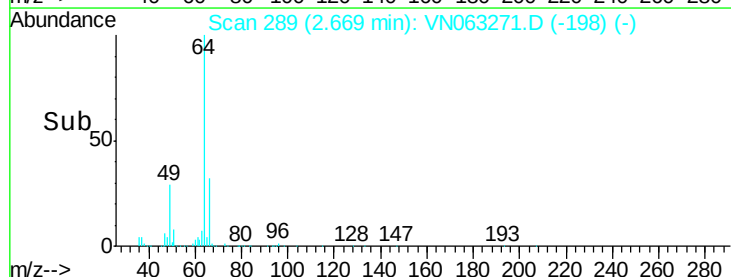
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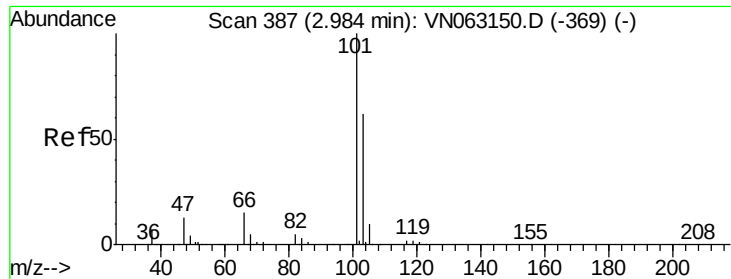
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Time-->

2.60 2.65 2.70 2.75





#7

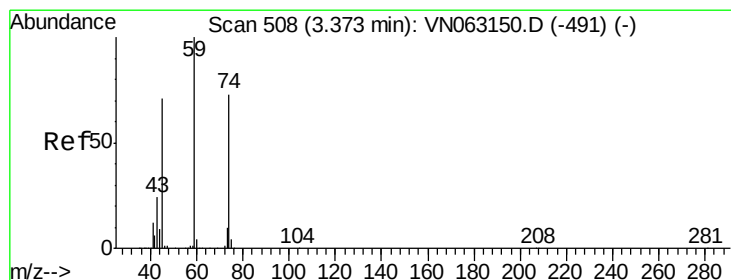
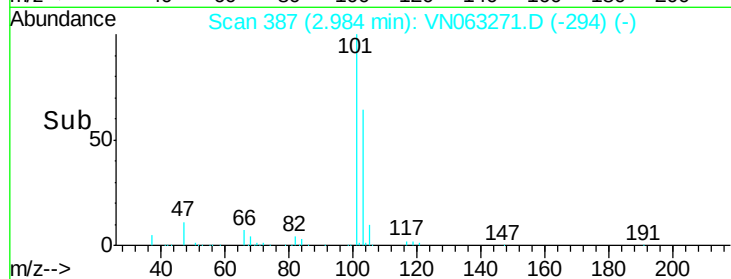
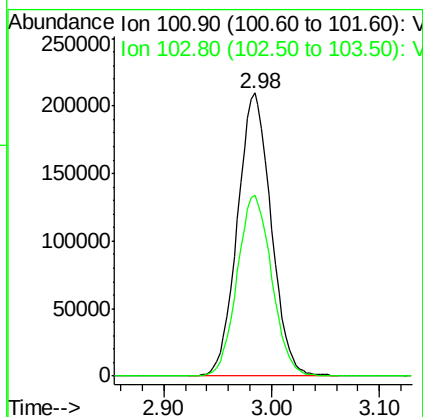
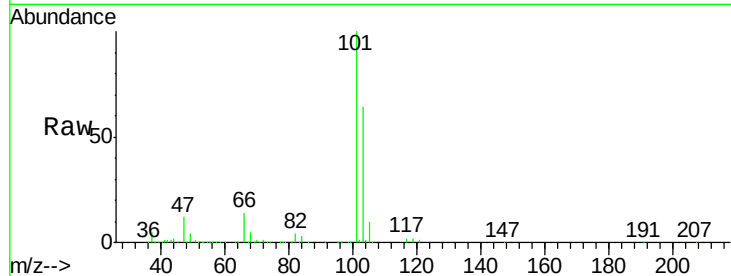
Trichlorofluoromethane
 Concen: 45.199 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

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 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		456436		
103	63.8	49.7	74.5		

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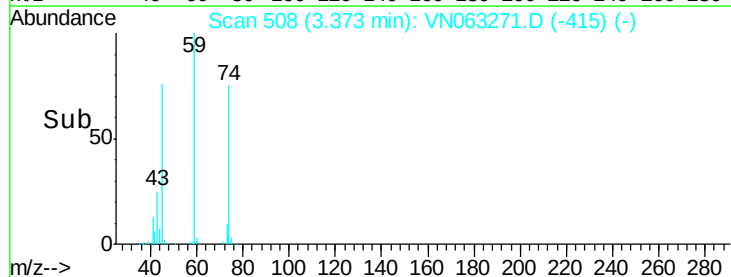
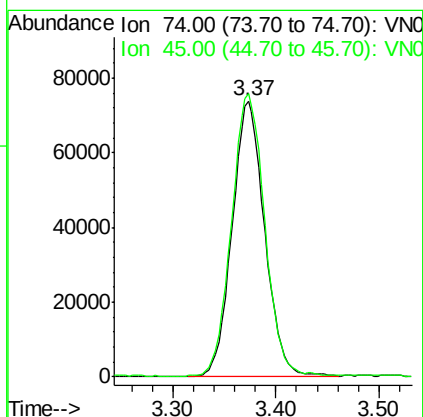
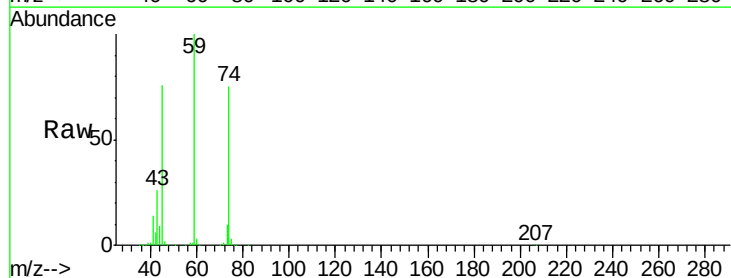
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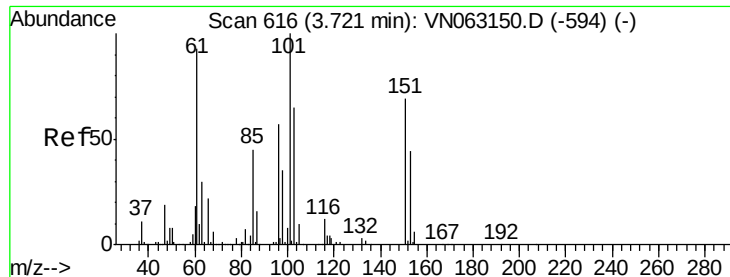


#8

Diethyl Ether
 Concen: 46.647 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		162042		
45	104.3	49.5	148.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.632 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

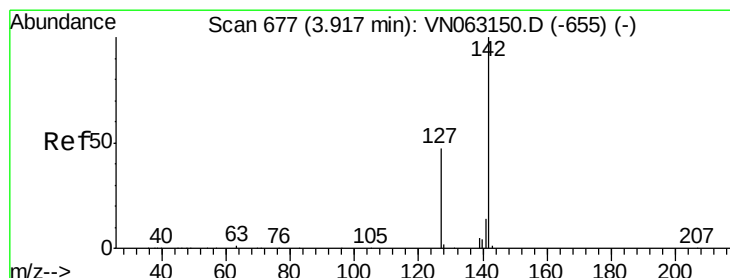
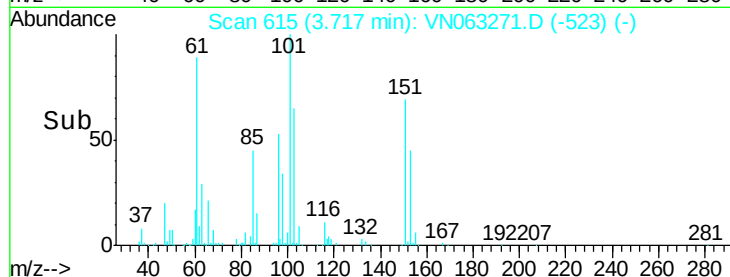
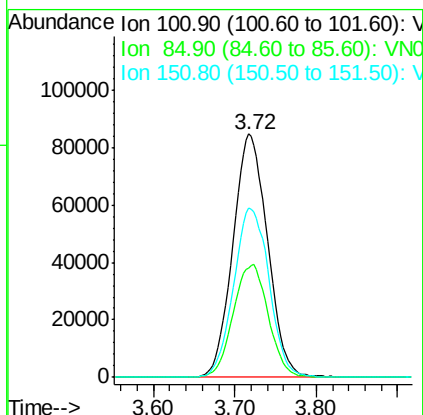
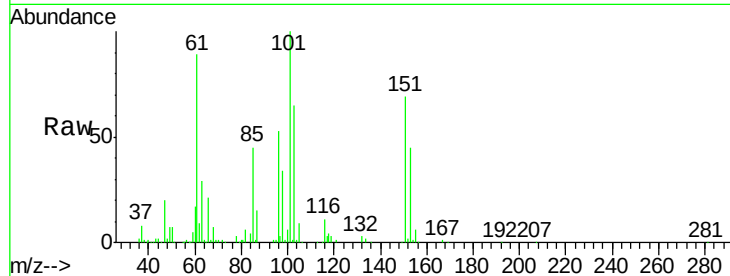
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	249863
Ion Ratio	Lower	Upper	
101	100		
85	46.9	37.8	56.8
151	71.1	55.0	82.4

Manual Integrations
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#10

Methyl Iodide

Concen: 45.727 ug/l

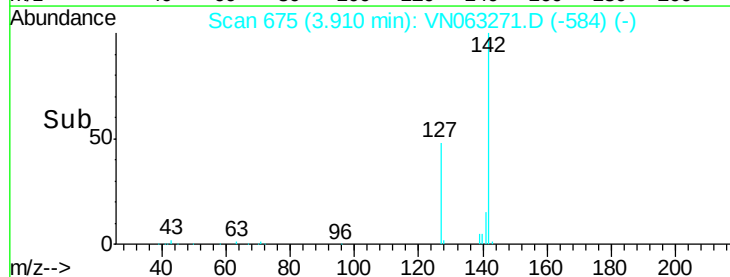
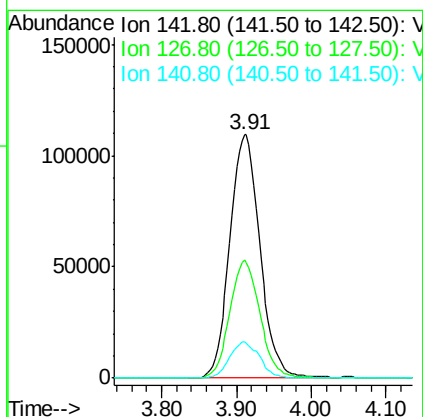
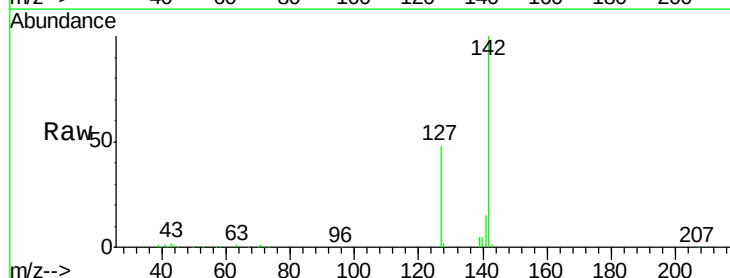
RT: 3.91 min Scan# 675

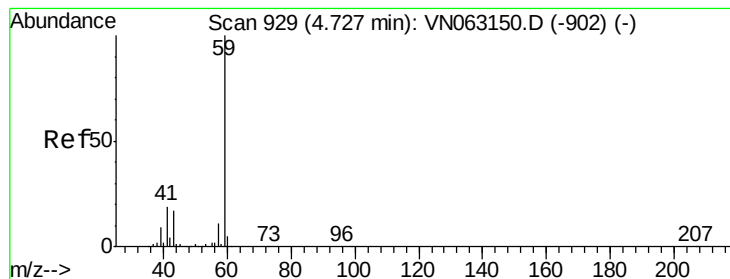
Delta R.T. -0.01 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion:	142	Resp:	307768
Ion Ratio	Lower	Upper	
142	100		
127	48.4	37.6	56.4
141	14.7	11.3	16.9





#11

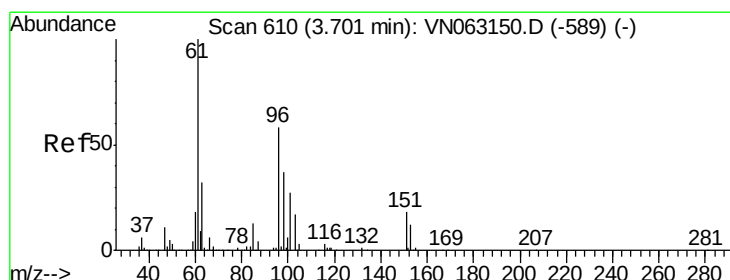
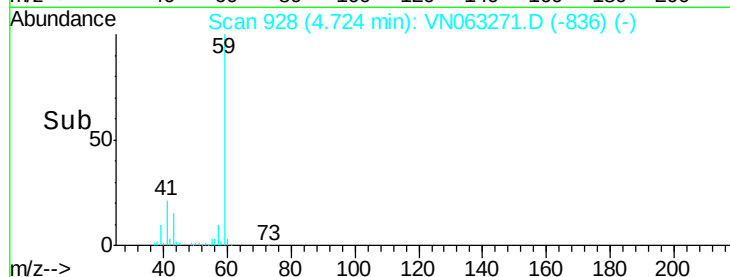
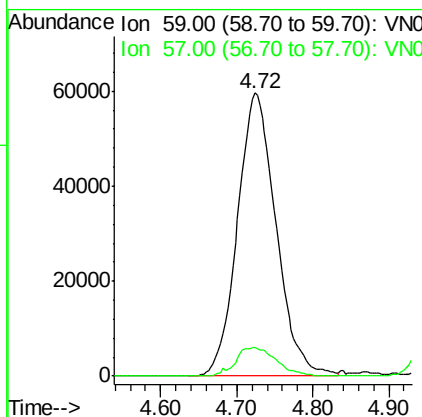
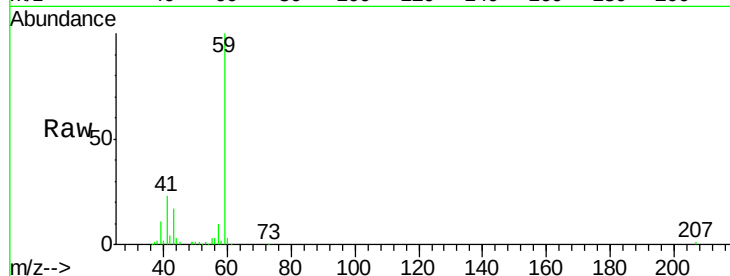
Tert butyl alcohol
Concen: 228.531 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	210173		
57	57	10.7		8.4	12.6

Manual Integrations
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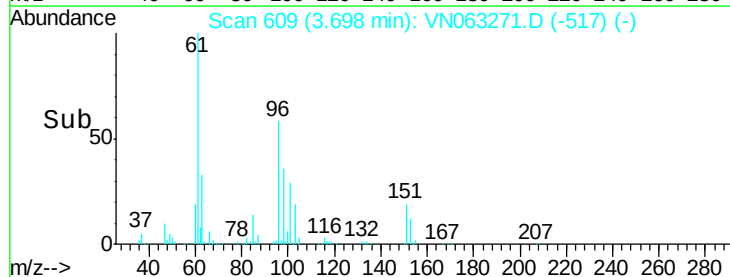
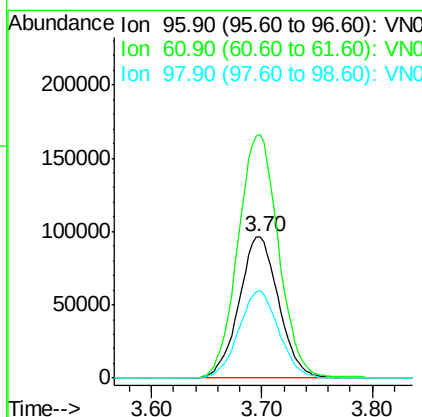
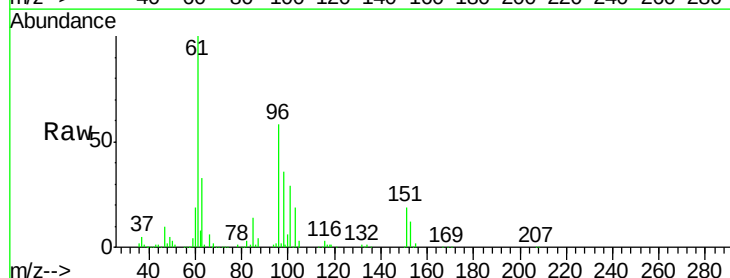
MMDadoda
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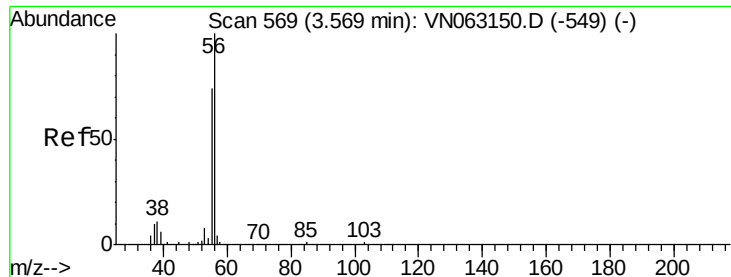


#12

1,1-Dichloroethene
Concen: 47.804 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	240384		
61	61	172.2		137.4	206.2
98	98	61.6		50.5	75.7





#13

Acrolein

Concen: 145.767 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 48581

Ion Ratio Lower Upper

56 100

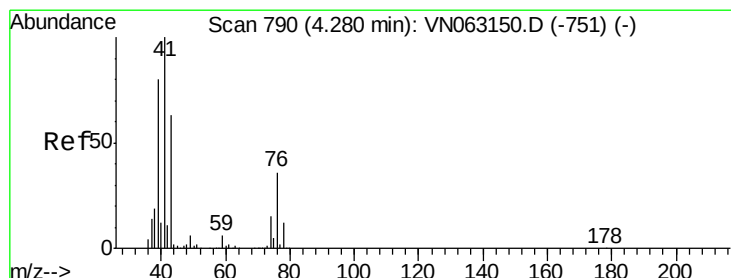
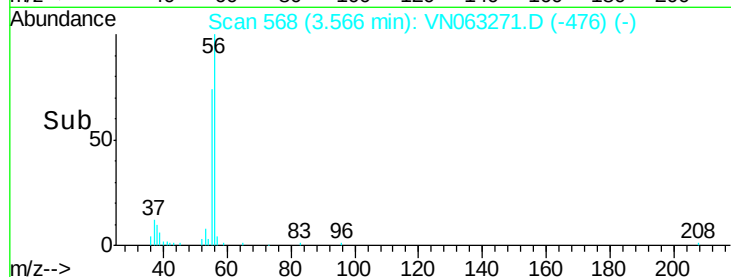
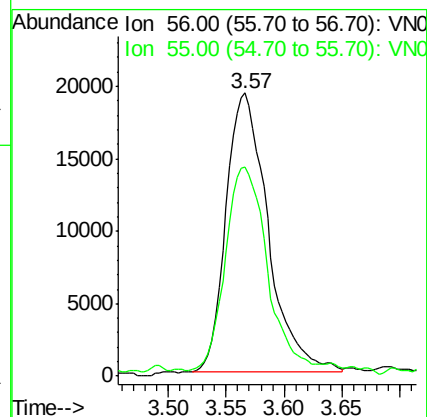
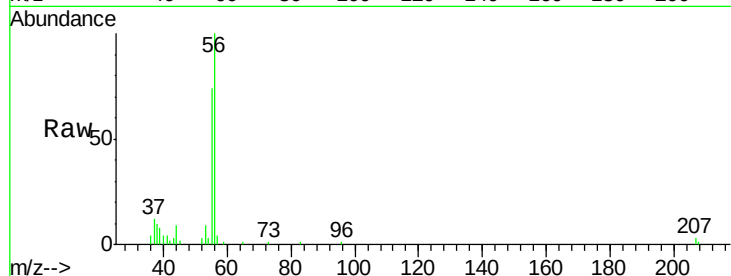
55 71.9 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 53.706 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

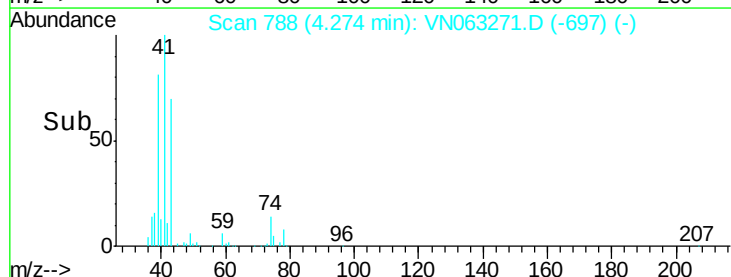
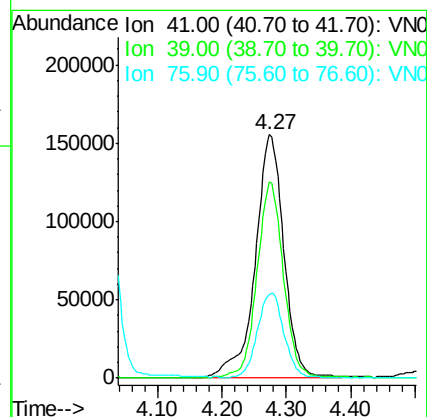
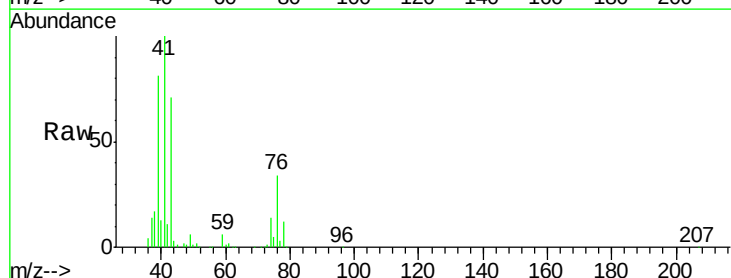
Tgt Ion: 41 Resp: 479627

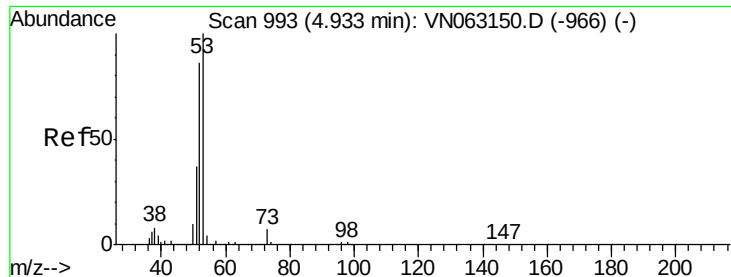
Ion Ratio Lower Upper

41 100

39 74.2 60.2 90.2

76 32.0 27.7 41.5





#15

Acrylonitrile

Concen: 234.365 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

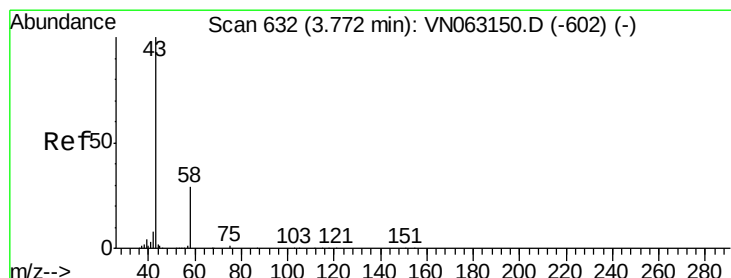
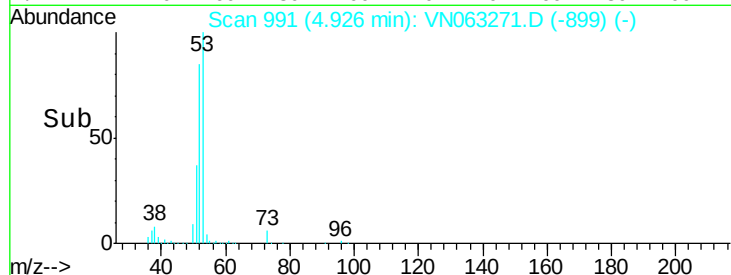
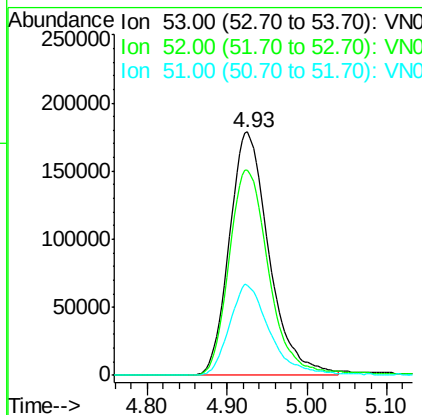
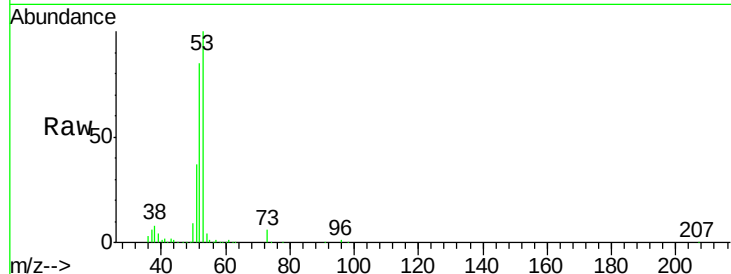
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	603355
Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.2	100.8
51	37.7	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 283.781 ug/l

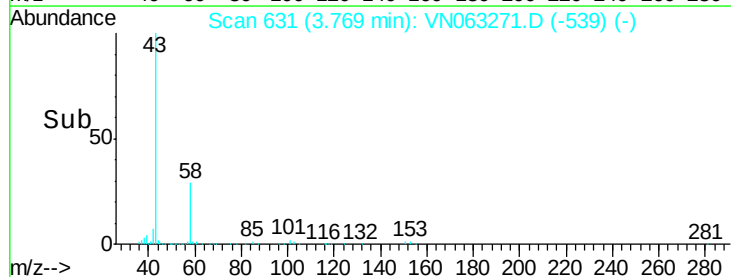
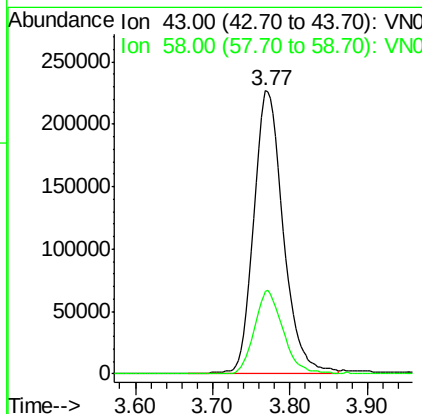
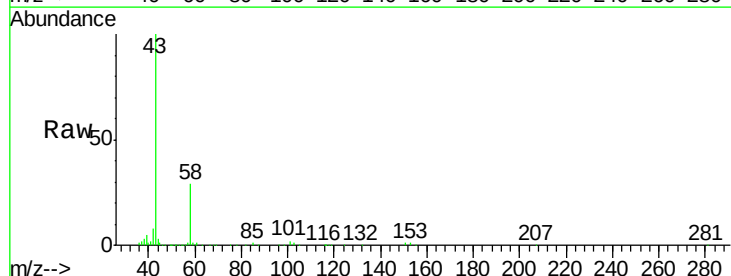
RT: 3.77 min Scan# 631

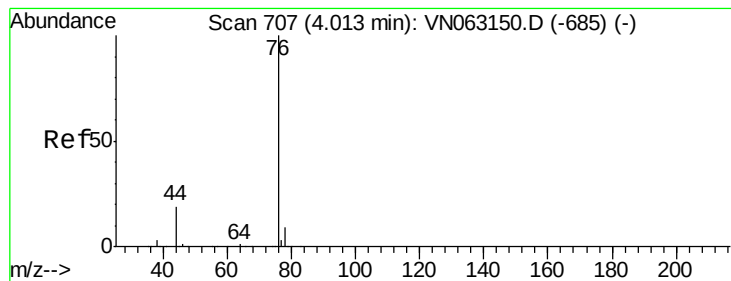
Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion:	43	Resp:	604403
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.1	34.7





#17

Carbon Disulfide

Concen: 44.300 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 663041

Ion Ratio Lower Upper

76 100

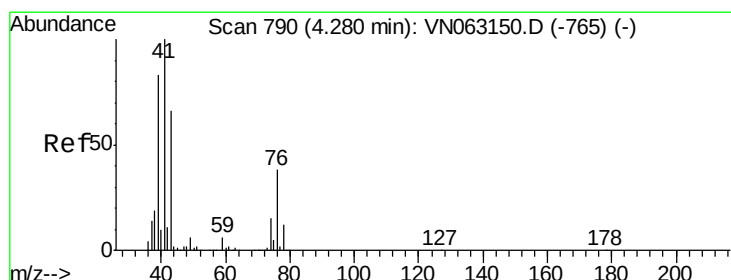
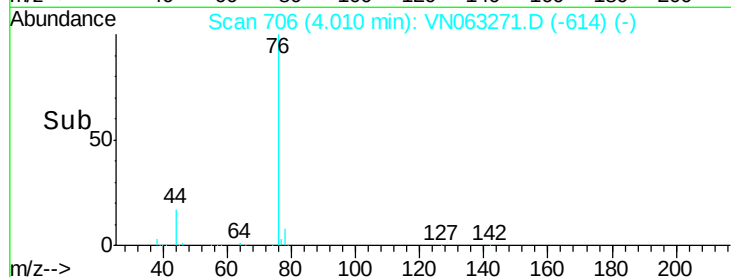
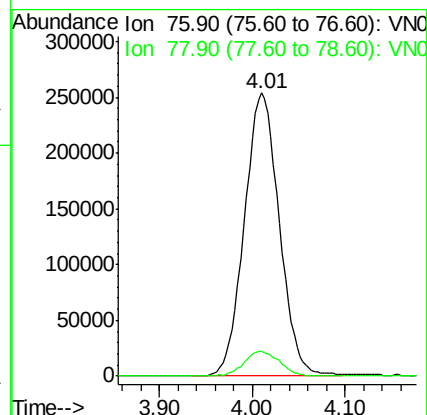
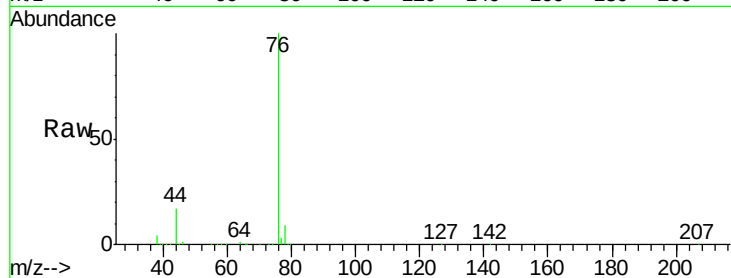
78 8.7 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 57.328 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063271.D

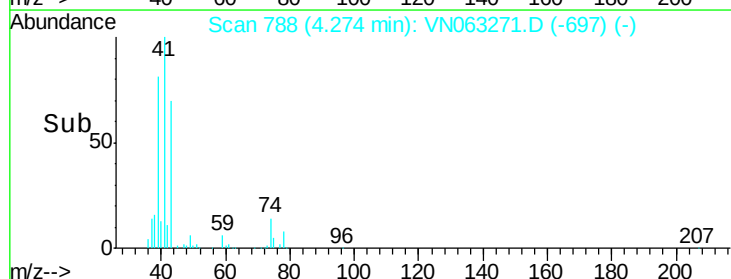
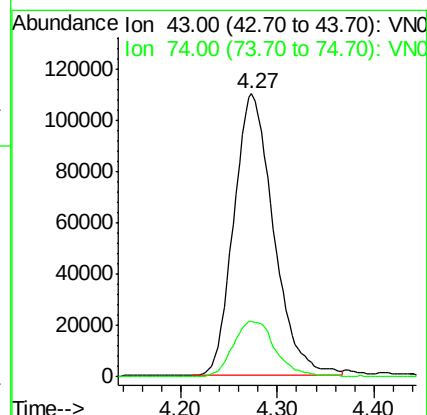
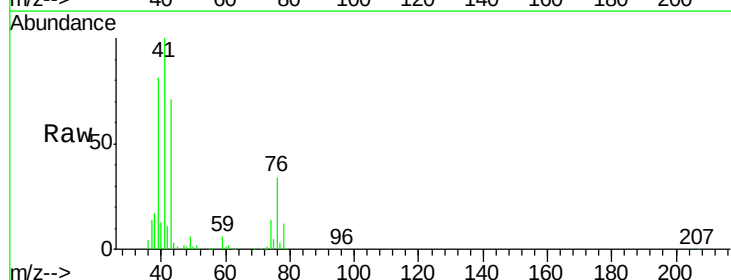
Acq: 9 Sep 2020 10:08

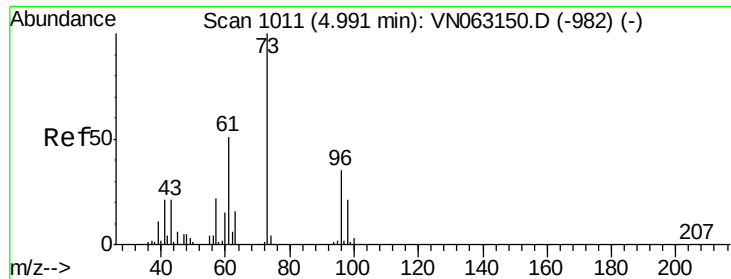
Tgt Ion: 43 Resp: 313067

Ion Ratio Lower Upper

43 100

74 21.0 19.0 28.6





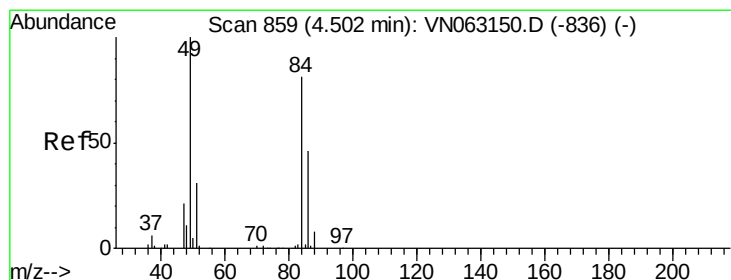
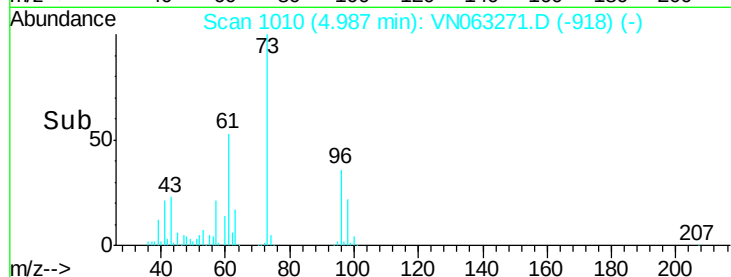
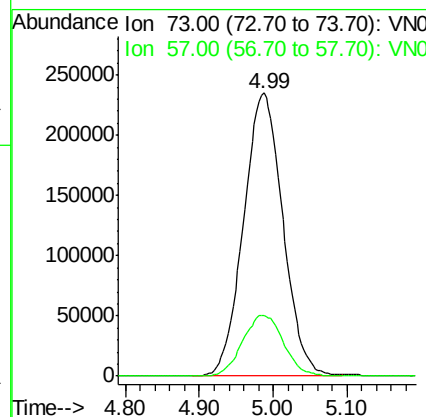
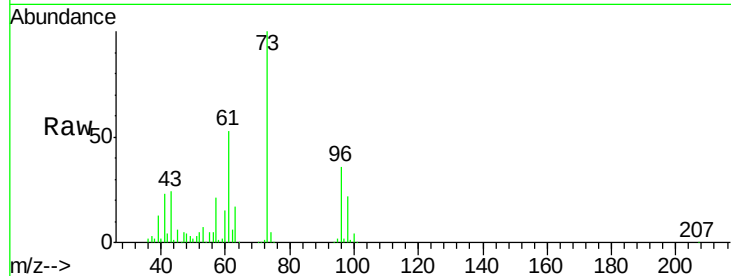
#19
Methyl tert-butyl Ether
Concen: 46.703 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 871206
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

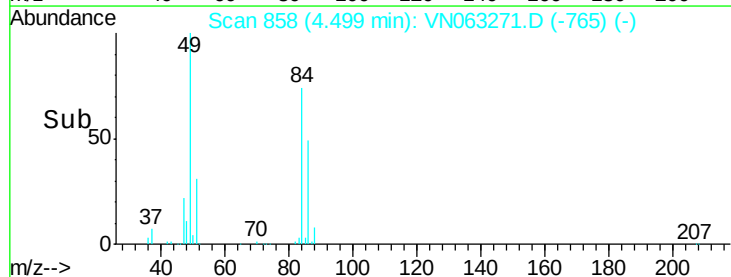
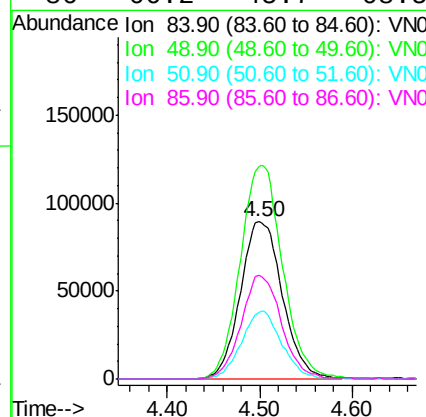
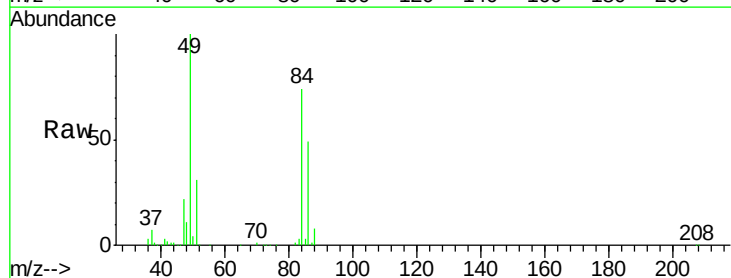
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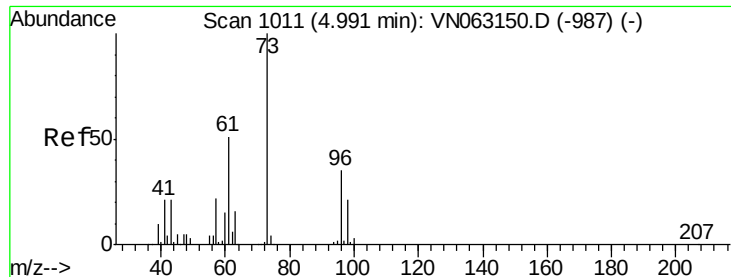
MMDadoda
9/10/2020 4:04:13 PM



#20
Methylene Chloride
Concen: 47.141 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 84 Resp: 282488
Ion Ratio Lower Upper
84 100
49 134.6 98.4 147.6
51 42.2 30.4 45.6
86 66.2 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 48.036 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

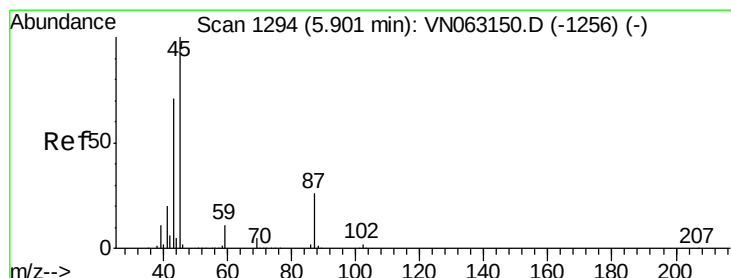
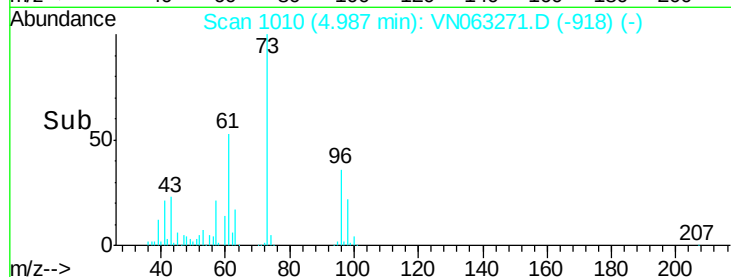
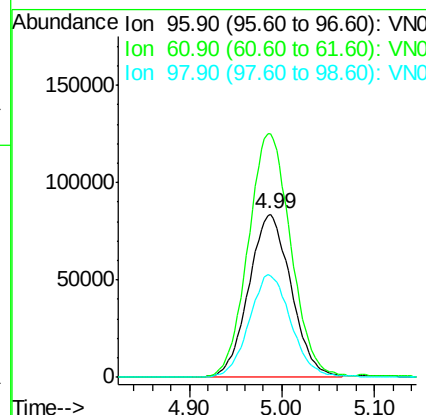
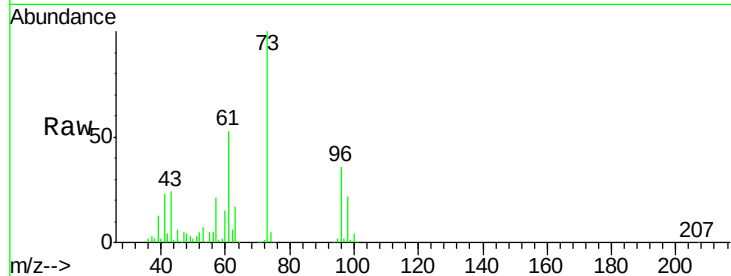
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	266863
Ion	Ratio	Lower	Upper
96	100		
61	149.3	116.2	174.4
98	62.5	48.0	72.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.624 ug/l

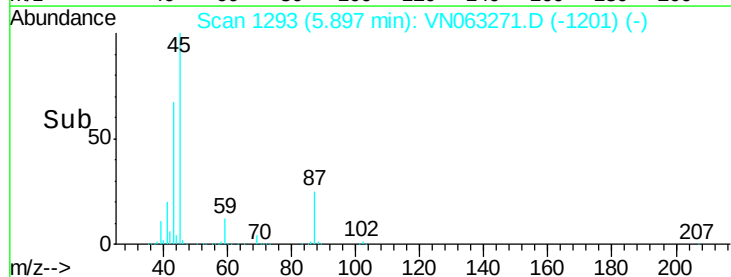
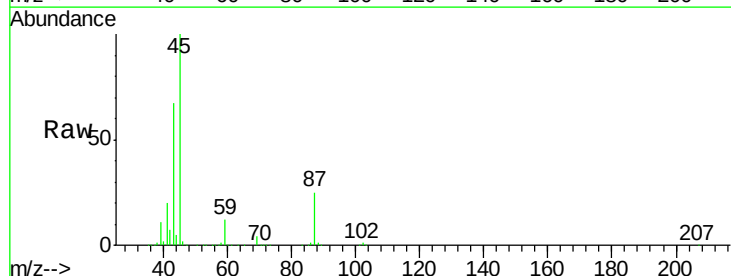
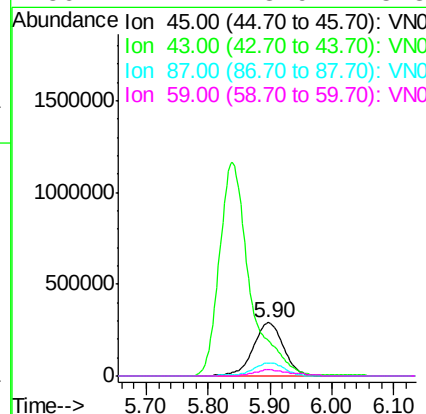
RT: 5.90 min Scan# 1293

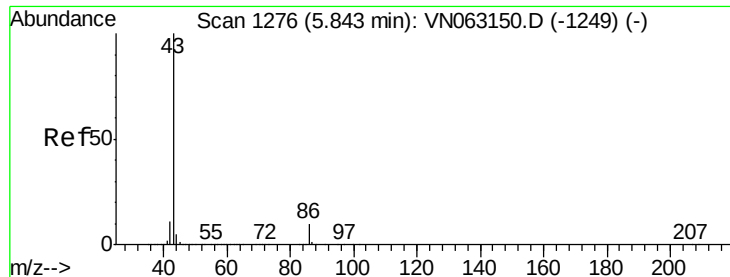
Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion:	45	Resp:	993119
Ion	Ratio	Lower	Upper
45	100		
43	66.0	56.8	85.2
87	24.6	21.1	31.7
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 248.974 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3975764

Ion Ratio Lower Upper

43 100

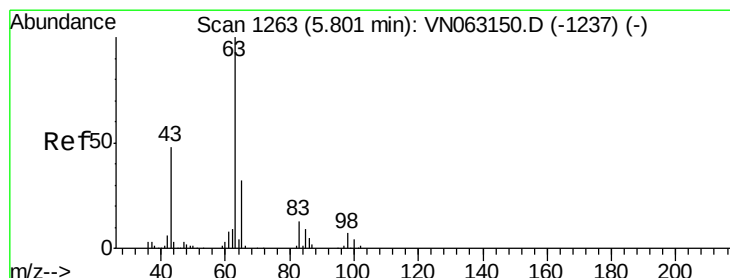
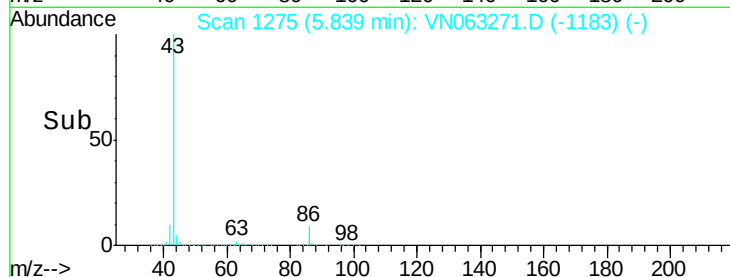
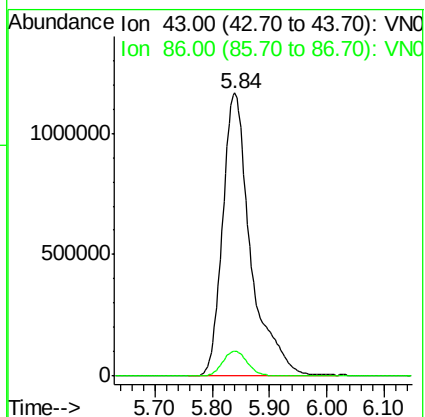
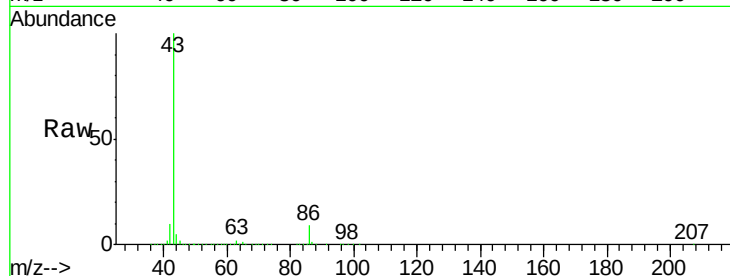
86 8.9 8.3 12.5

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 49.062 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

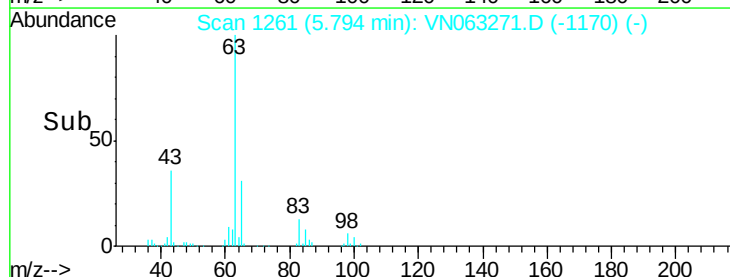
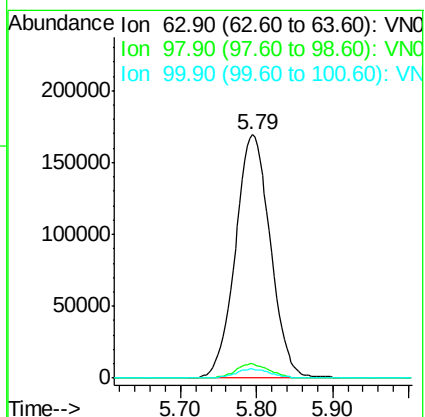
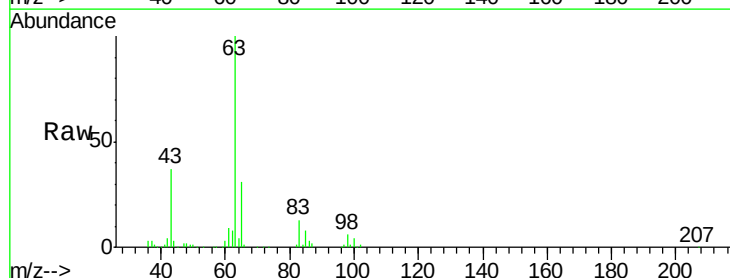
Tgt Ion: 63 Resp: 541290

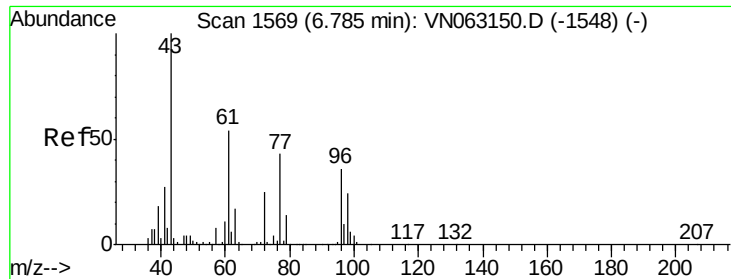
Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.1

100 3.7 2.3 6.8





#25

2-Butanone

Concen: 261.916 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 863752

Ion Ratio Lower Upper

43 100

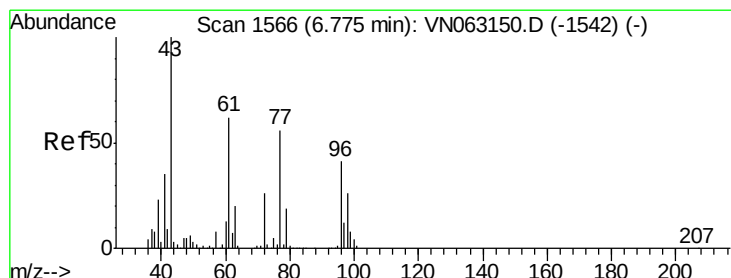
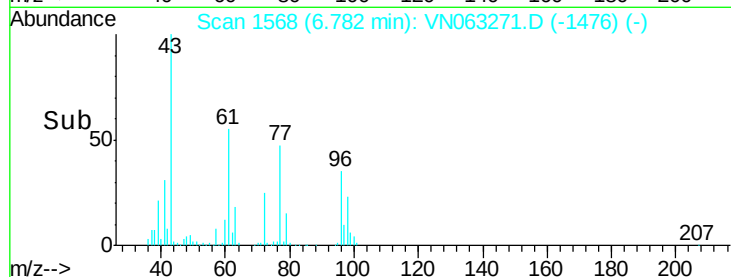
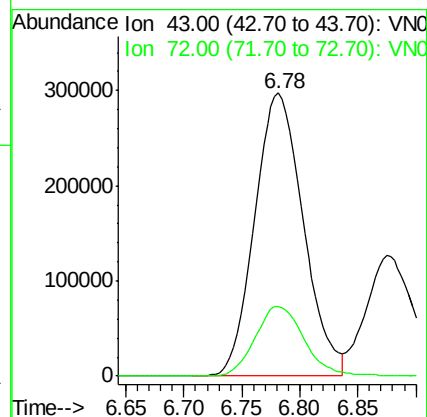
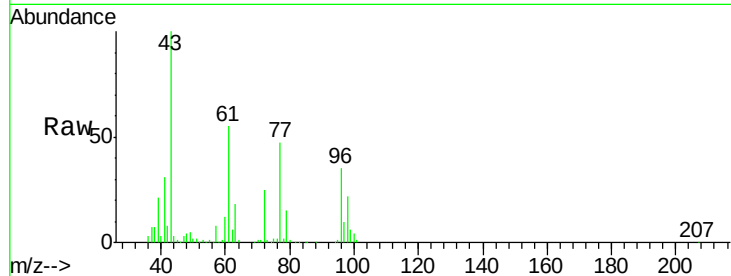
72 24.8 20.2 30.4

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 48.314 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063271.D

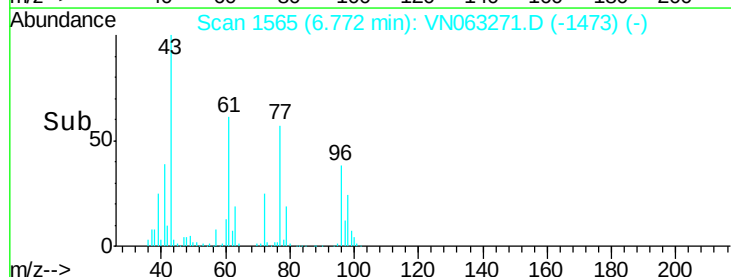
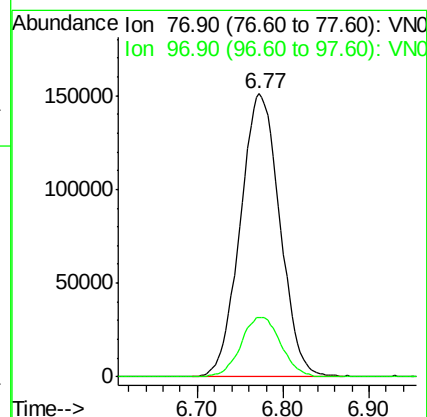
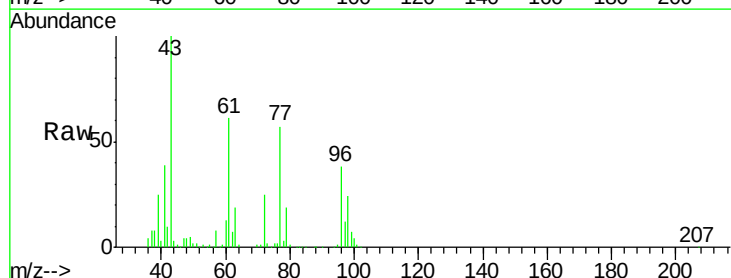
Acq: 9 Sep 2020 10:08

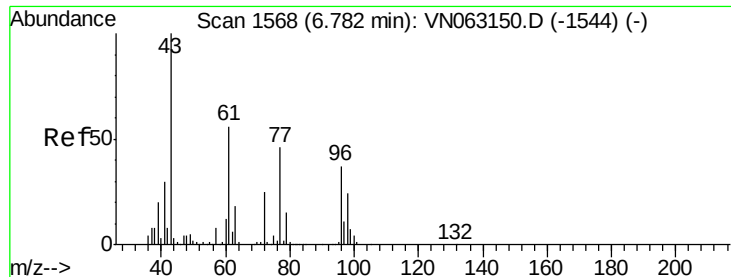
Tgt Ion: 77 Resp: 482941

Ion Ratio Lower Upper

77 100

97 21.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 46.265 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

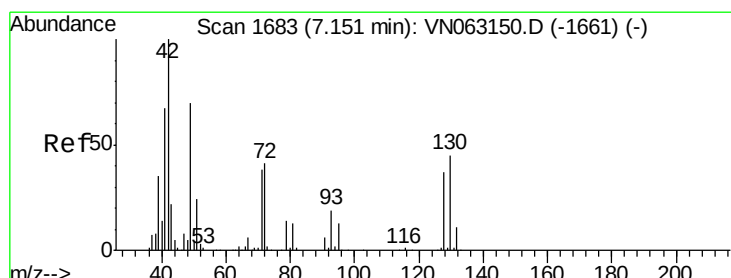
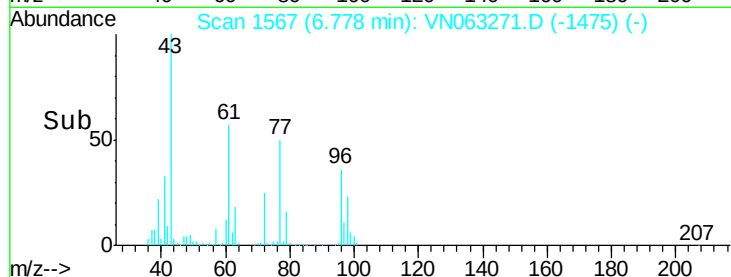
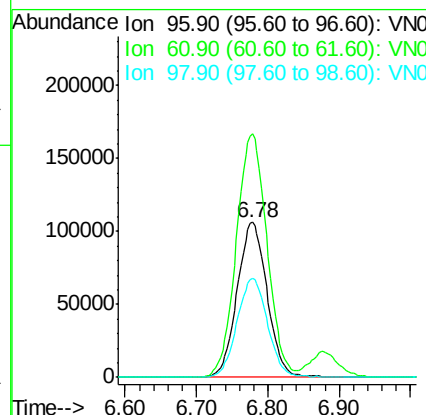
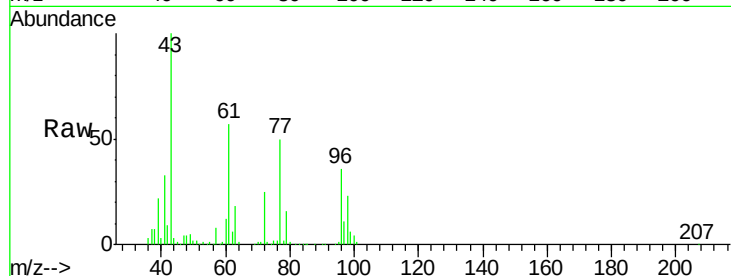
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	312412
Ion	Ratio	Lower	Upper
96	100		
61	159.9	0.0	303.2
98	64.6	0.0	129.0

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#28

Bromochloromethane

Concen: 49.659 ug/l

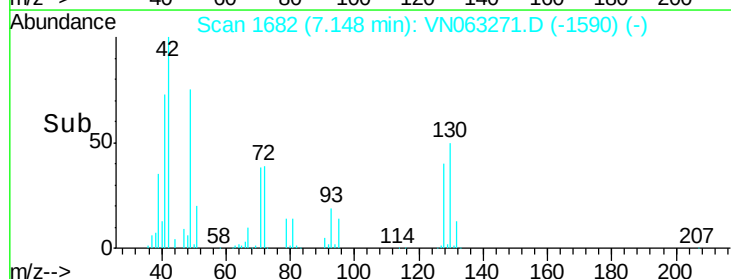
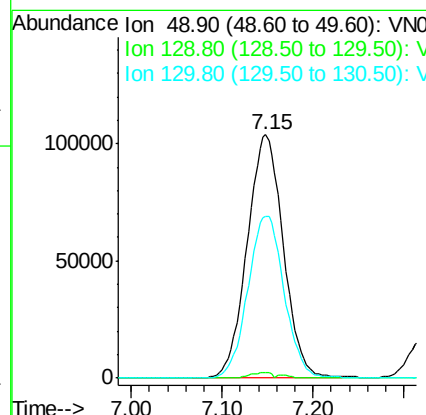
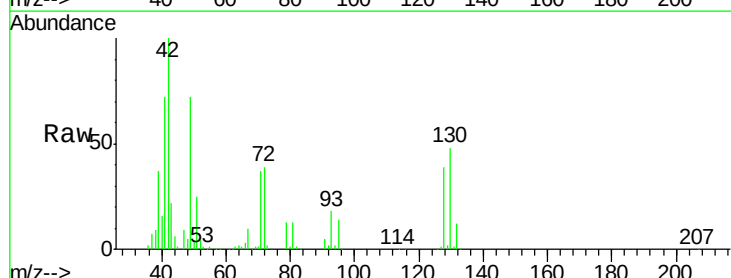
RT: 7.15 min Scan# 1682

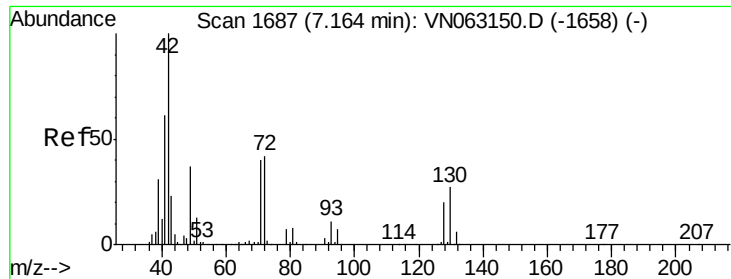
Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion:	49	Resp:	286235
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.0
130	66.8	54.4	81.6





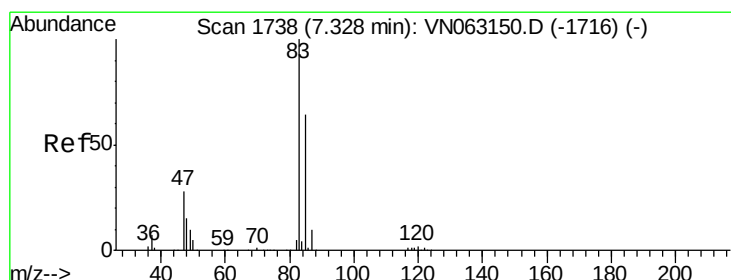
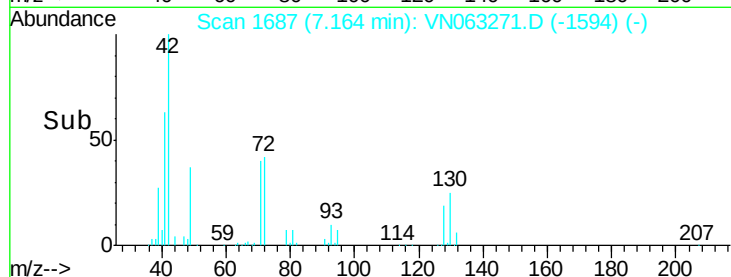
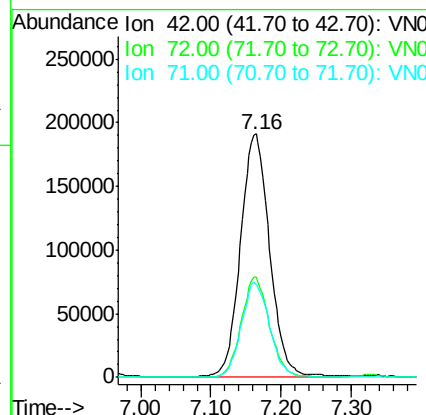
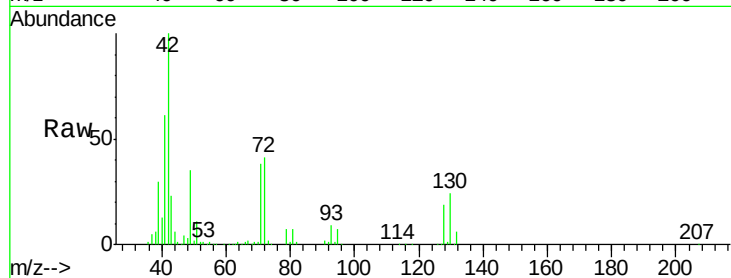
#29
Tetrahydrofuran
Concen: 241.140 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	33.9	50.9
71	38.0	31.9	47.9

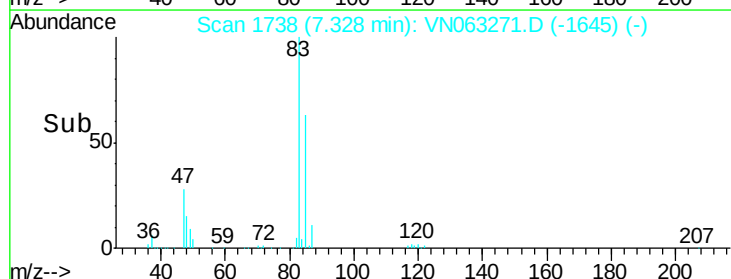
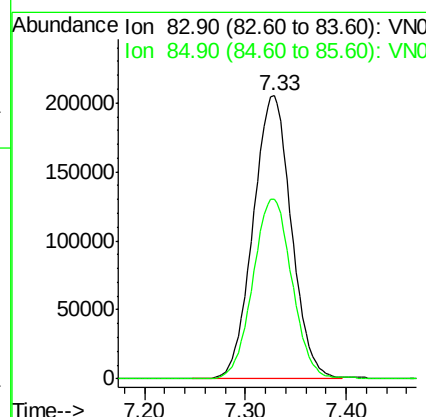
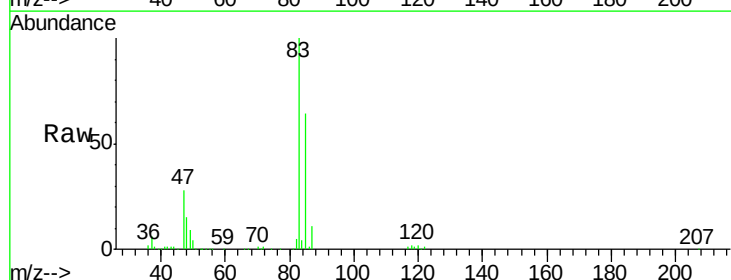
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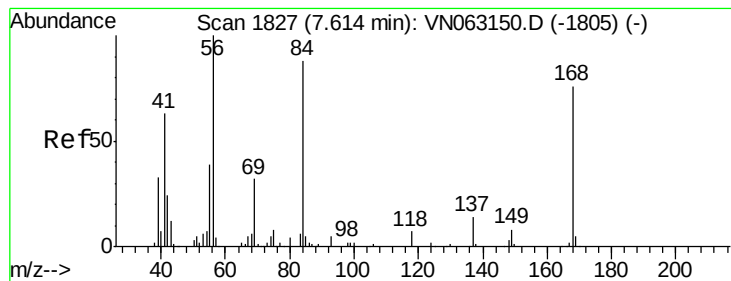
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#30
Chloroform
Concen: 46.834 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.6





#31

Cyclohexane

Concen: 47.020 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

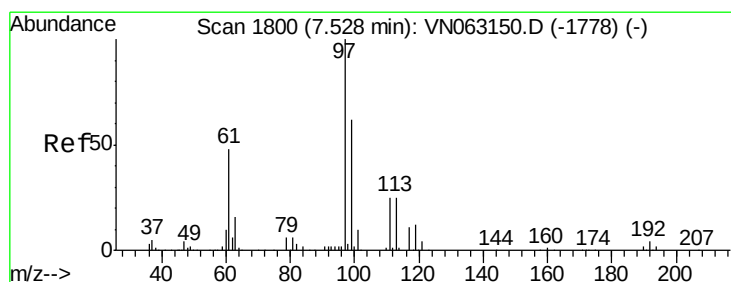
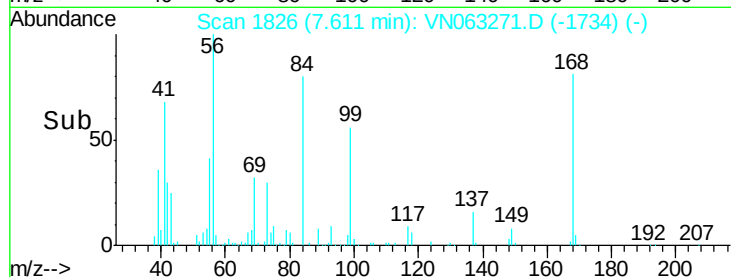
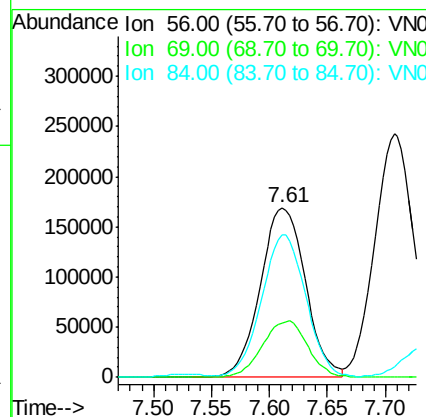
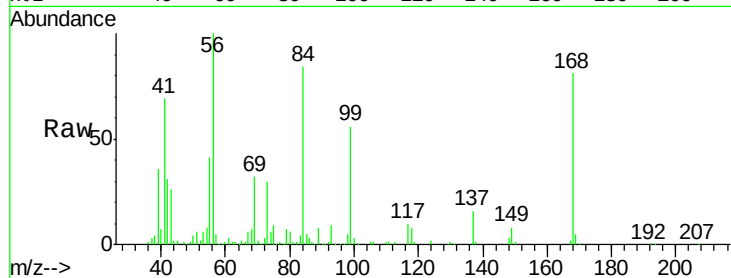
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	458167
Ion Ratio	Lower	Upper	
56	100		
69	32.2	25.4	38.0
84	82.7	70.2	105.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.467 ug/l

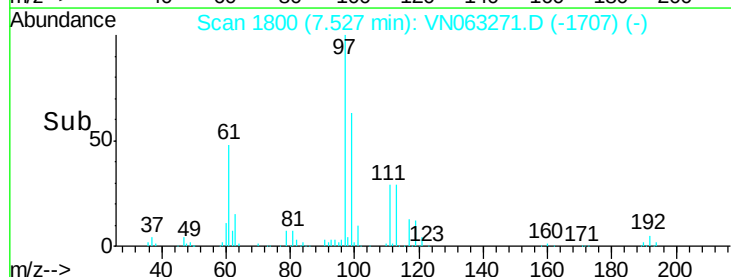
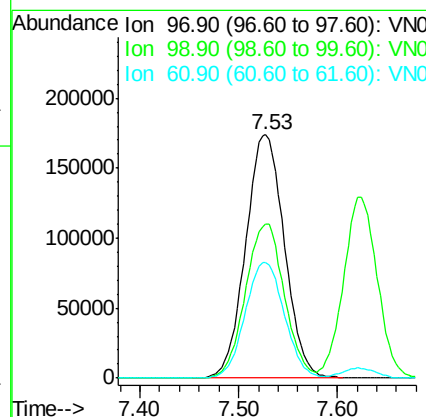
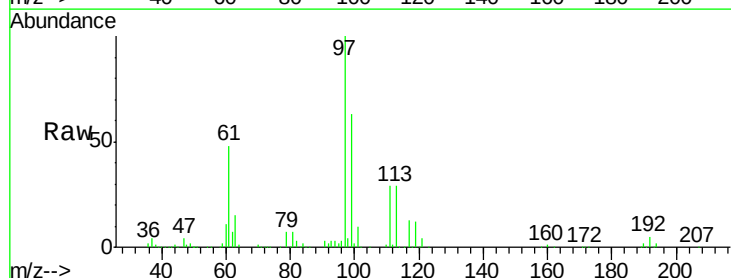
RT: 7.53 min Scan# 1800

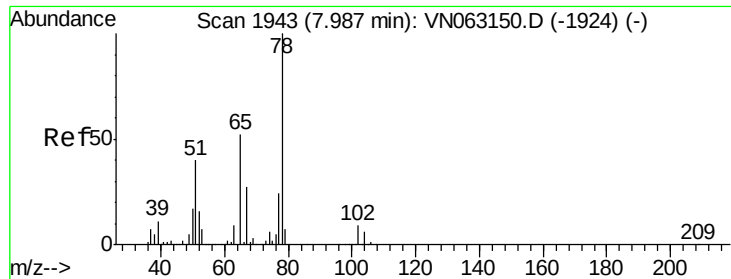
Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion:	97	Resp:	472130
Ion Ratio	Lower	Upper	
97	100		
99	63.5	50.8	76.2
61	48.1	37.4	56.2





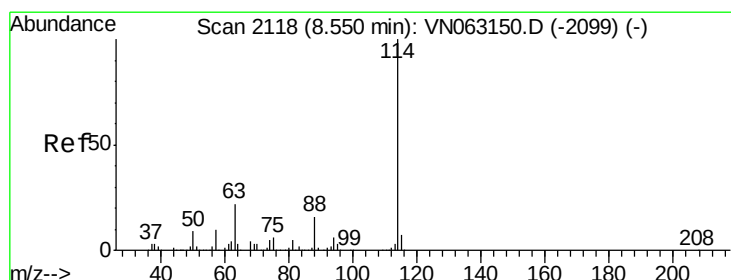
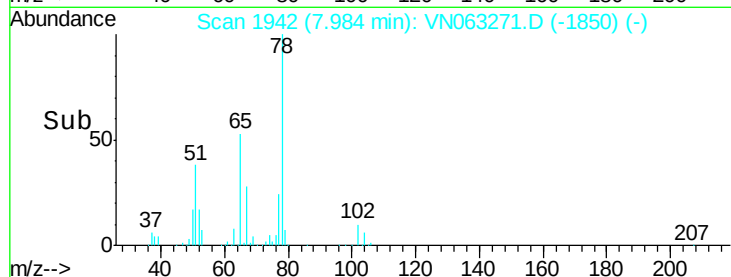
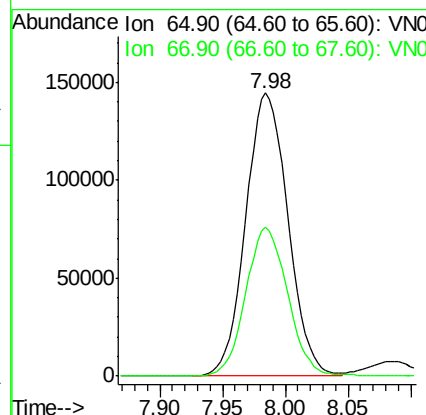
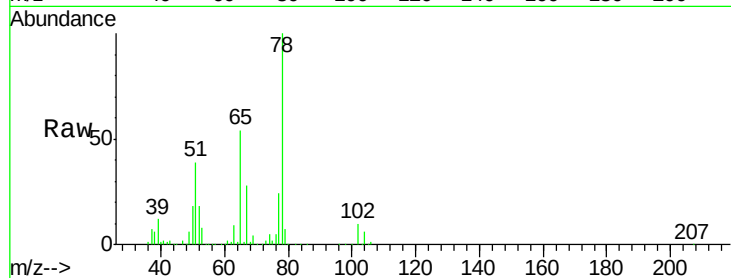
#33
 1,2-Dichloroethane-d4
 Concen: 45.244 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.3	0.0	104.4	

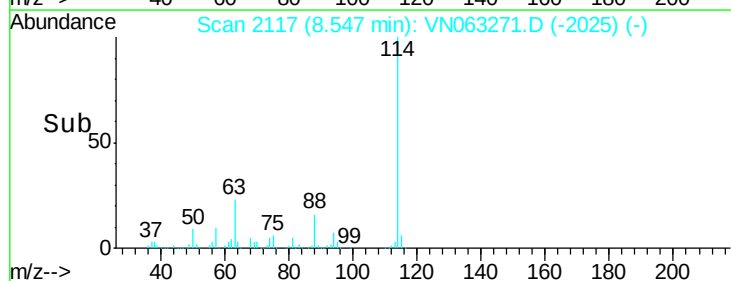
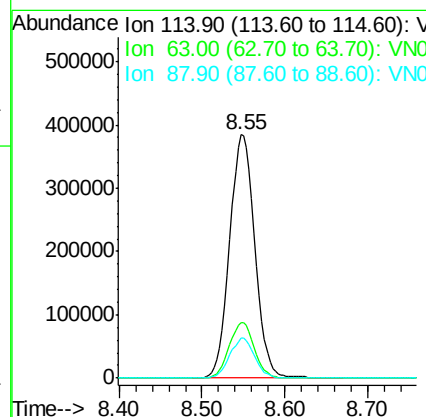
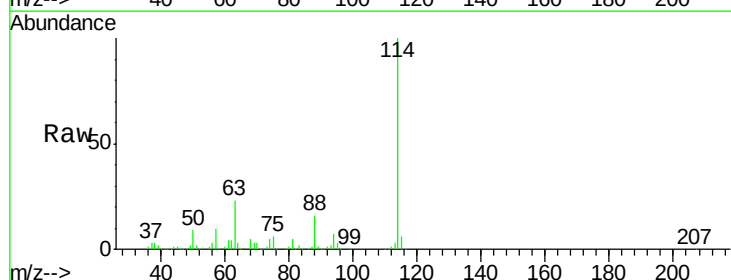
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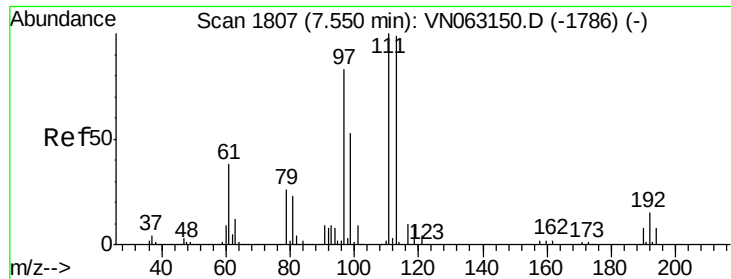
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.8	0.0	43.0	
88	16.2	0.0	31.6	





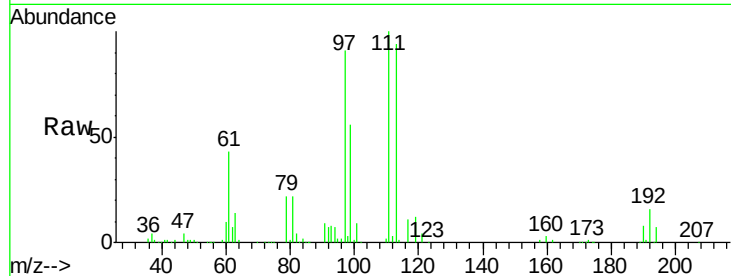
#35
 Dibromofluoromethane
 Concen: 48.160 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

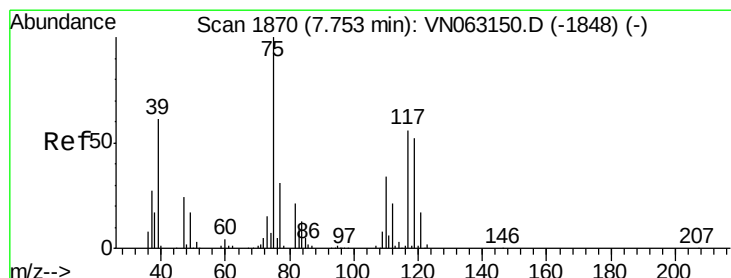
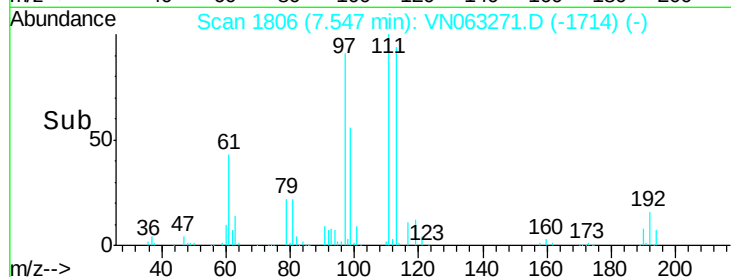
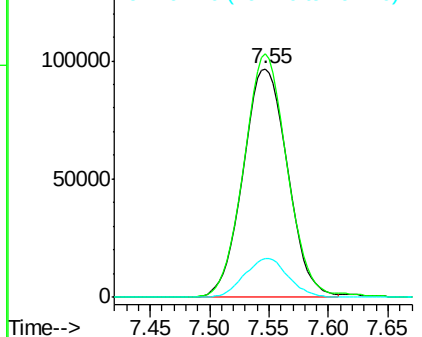
Tot Ion	Ratio	Resp	Lower	Upper
113	100	251086		
111	103.2	80.7	121.1	
192	16.8	12.6	19.0	

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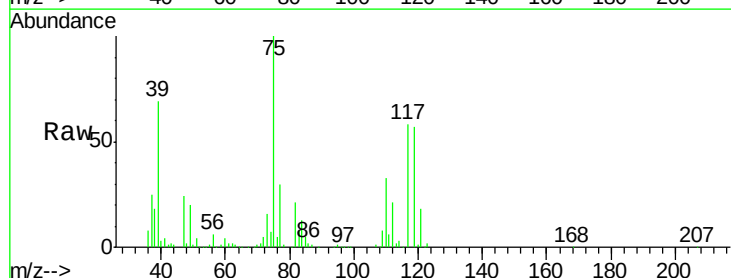


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

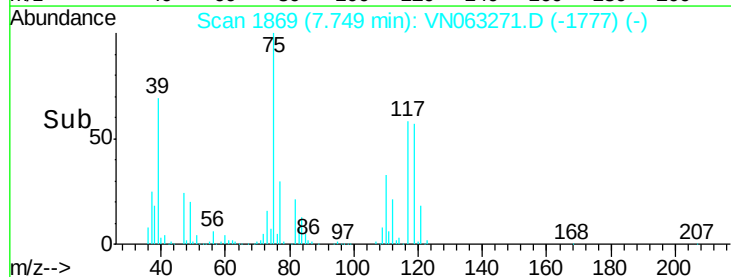
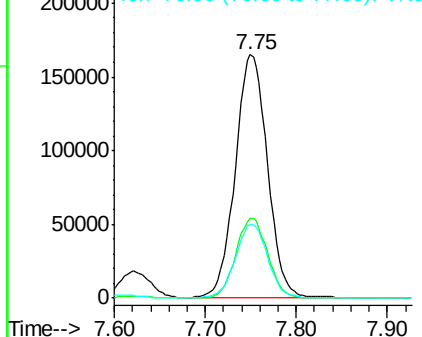


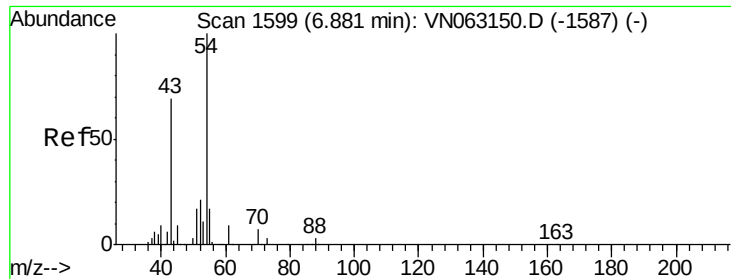
#36
 1,1-Dichloropropene
 Concen: 51.654 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	403536		
110	32.6	16.6	49.8	
77	30.9	25.4	38.2	



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





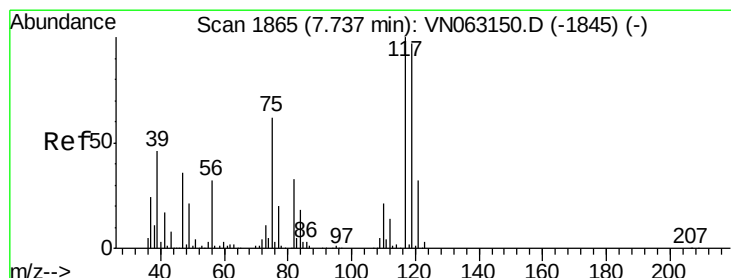
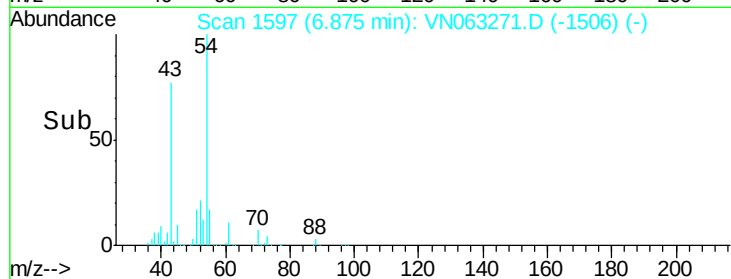
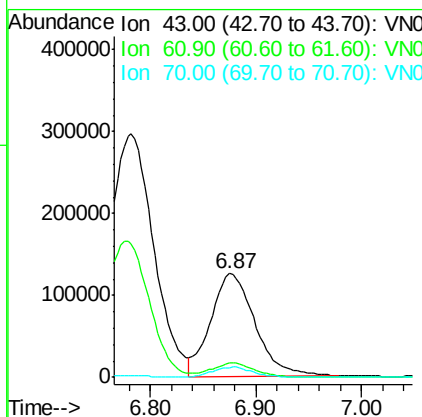
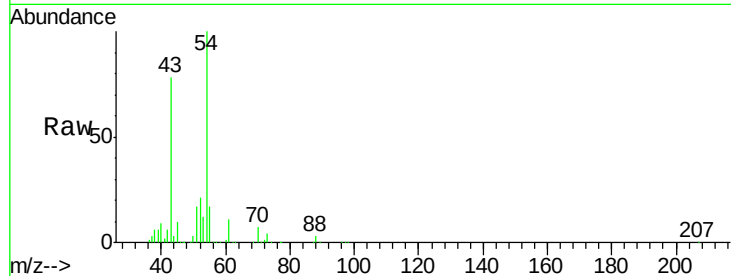
#37
Ethyl Acetate
Concen: 49.453 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.4
70	9.5	3.0	4.6

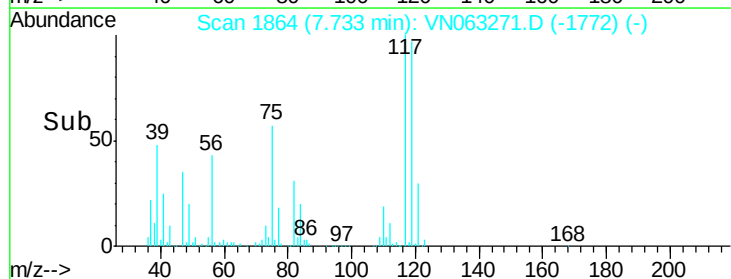
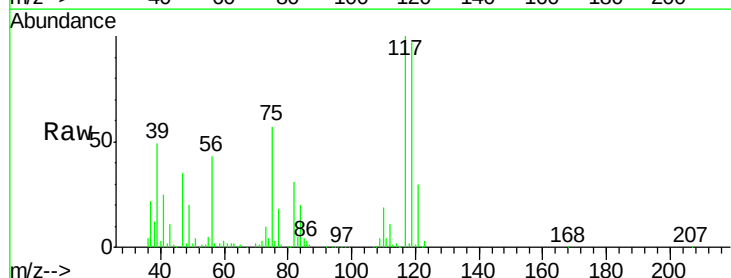
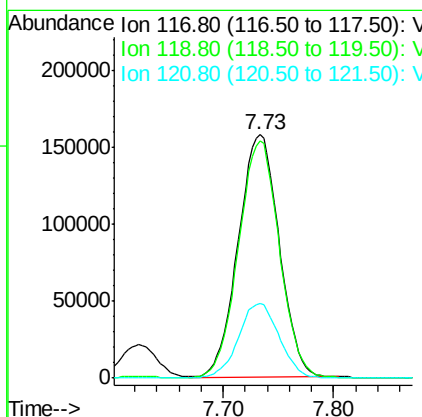
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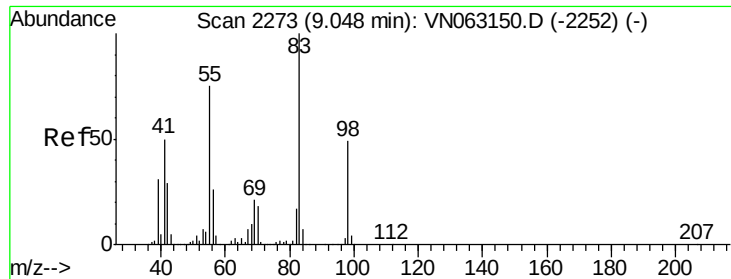
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#38
Carbon Tetrachloride
Concen: 51.420 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.2	115.8
121	30.6	25.6	38.4





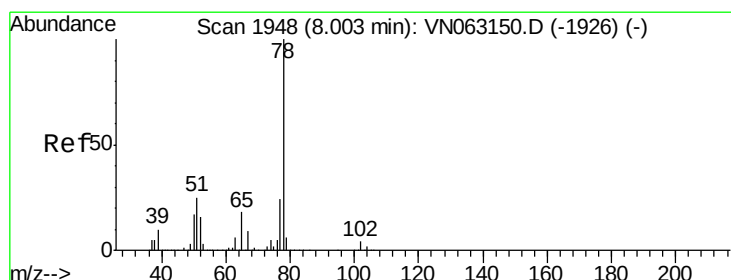
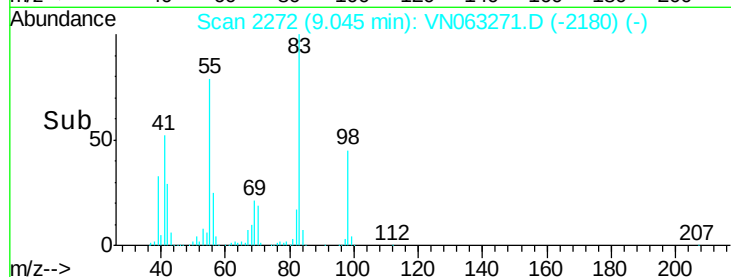
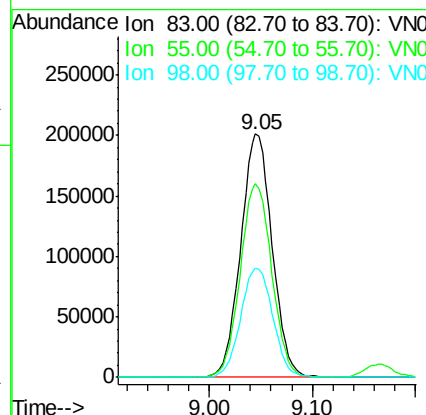
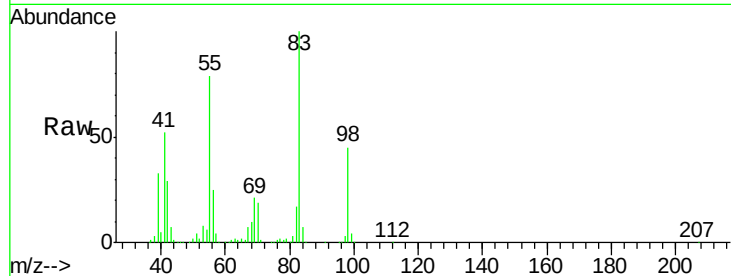
#39
Methylvlcyclohexane
Concen: 48.655 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	60.3	90.5
98	44.7	38.9	58.3

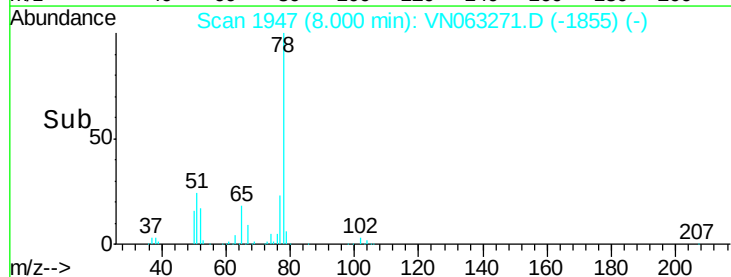
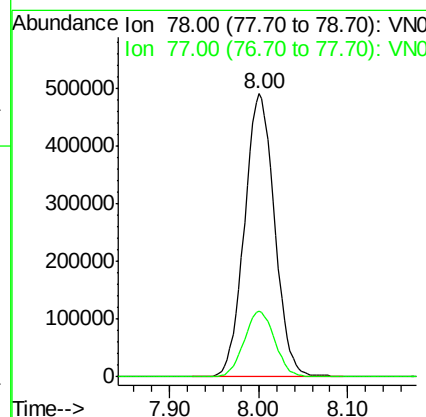
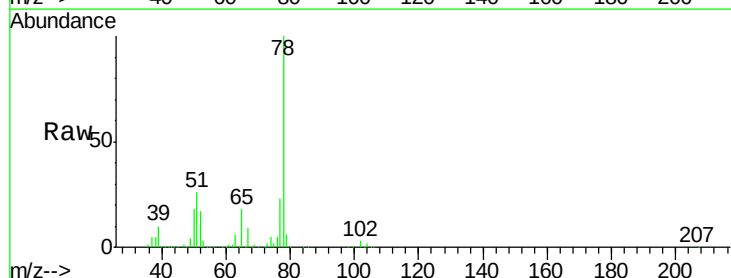
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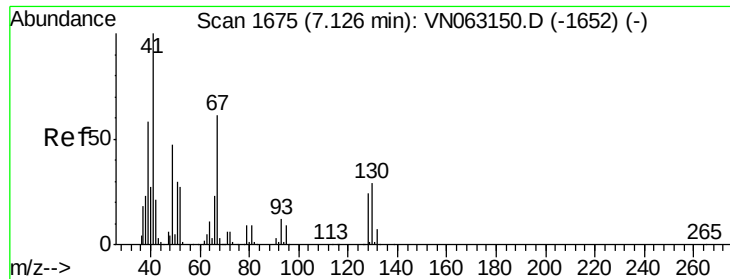
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#40
Benzene
Concen: 50.258 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





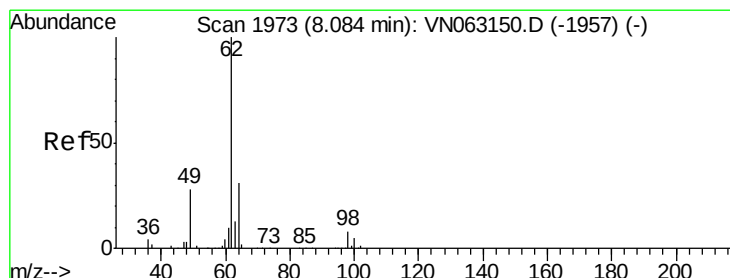
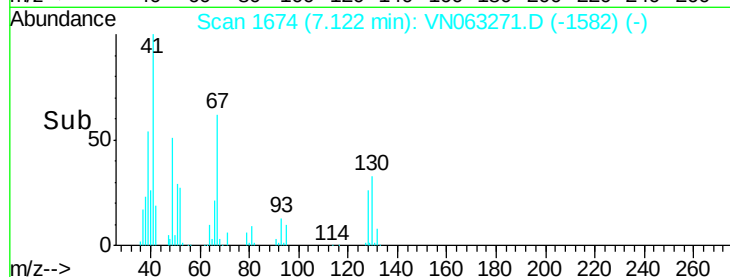
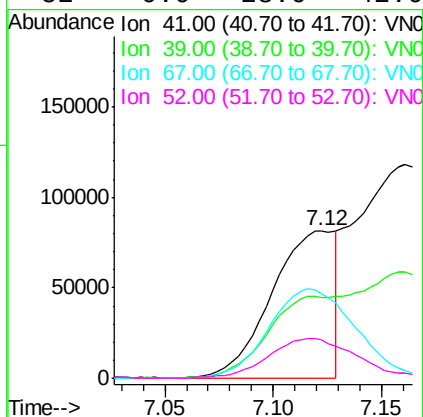
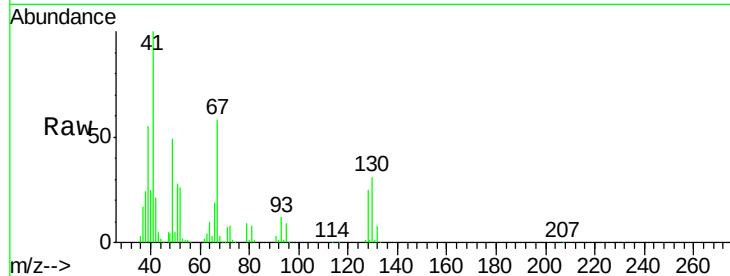
#41
Methacrylonitrile
Concen: 50.699 ug/l m
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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

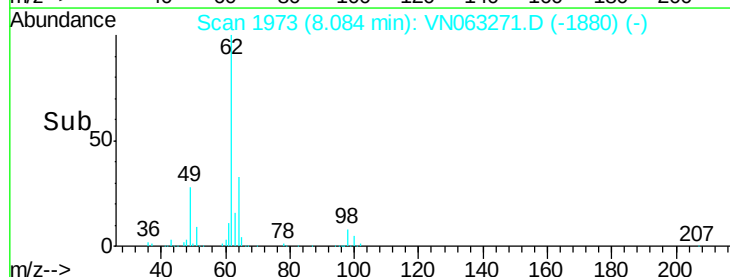
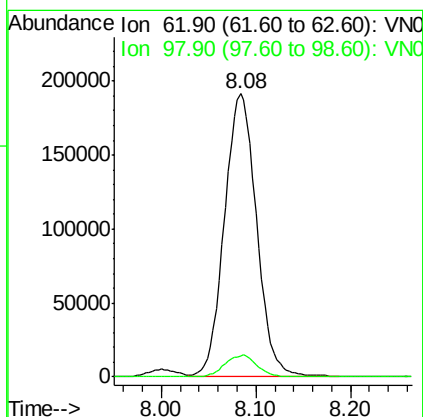
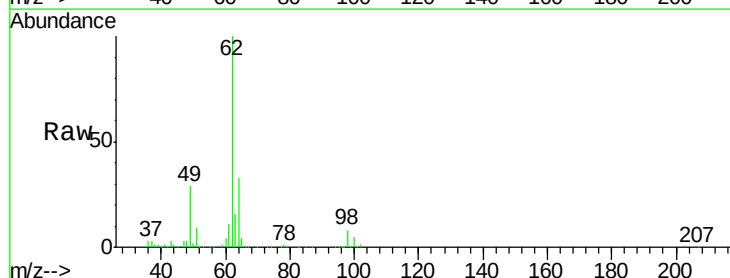
Manual Integrations
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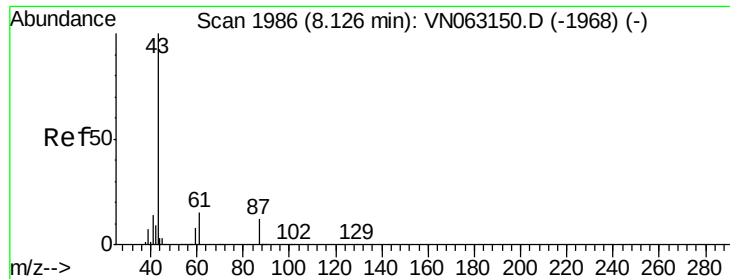
MMDadoda
9/10/2020 4:04:13 PM



#42
1,2-Dichloroethane
Concen: 52.388 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.658 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

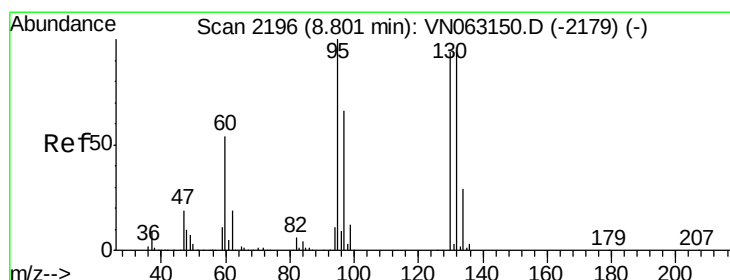
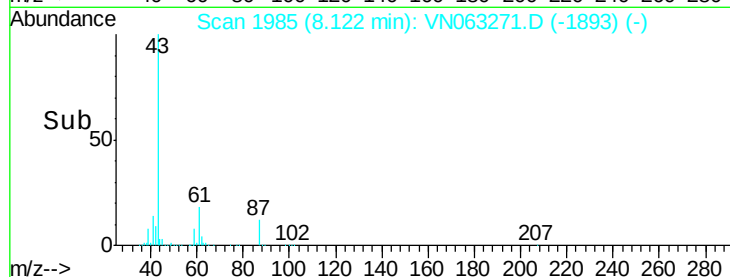
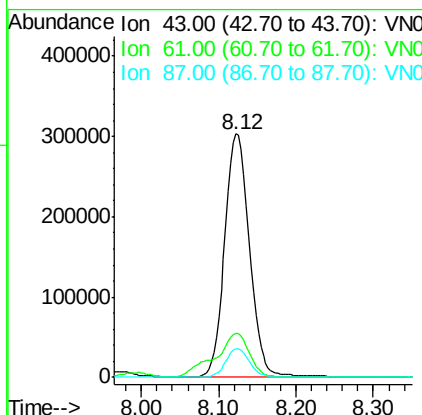
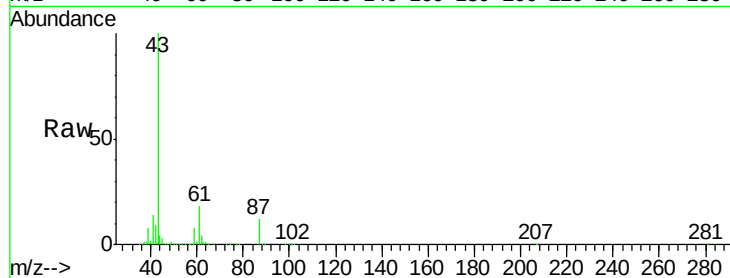
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	670910
Ion	Ratio	Lower	Upper
43	100		
61	25.0	20.2	30.4
87	11.5	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 54.464 ug/l

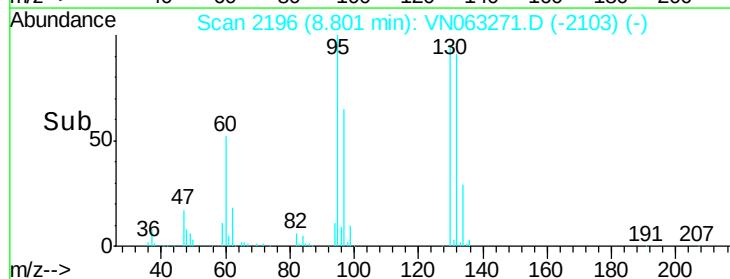
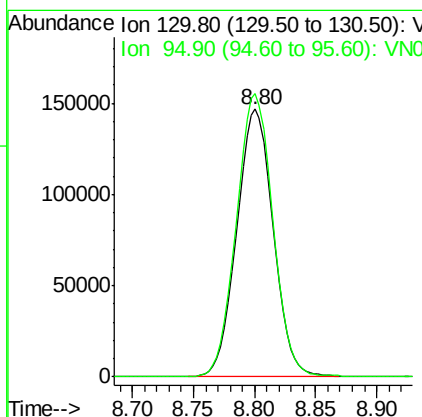
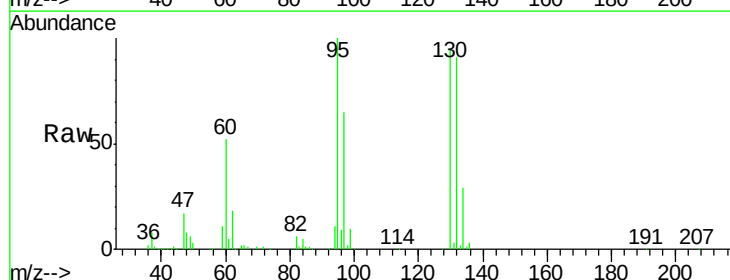
RT: 8.80 min Scan# 2196

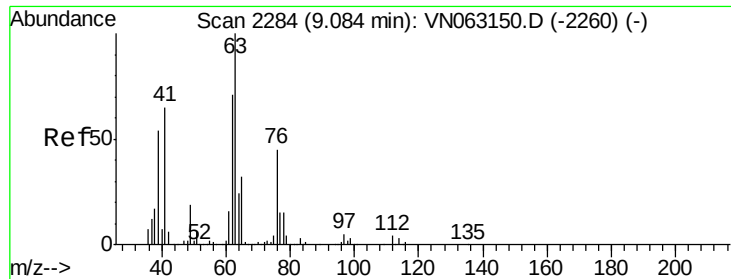
Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion:	130	Resp:	303287
Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	212.0





#45

1,2-Dichloropropane

Concen: 52.501 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 319123

Ion Ratio Lower Upper

63 100

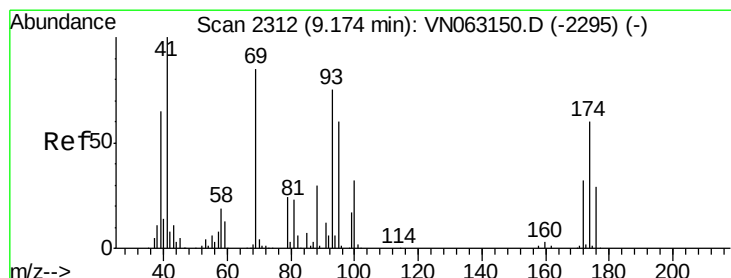
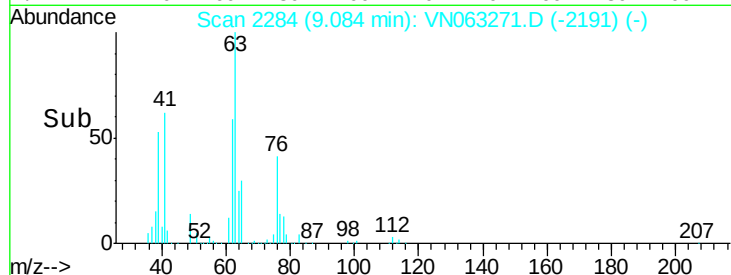
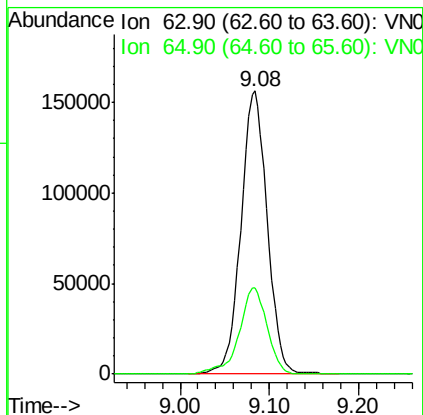
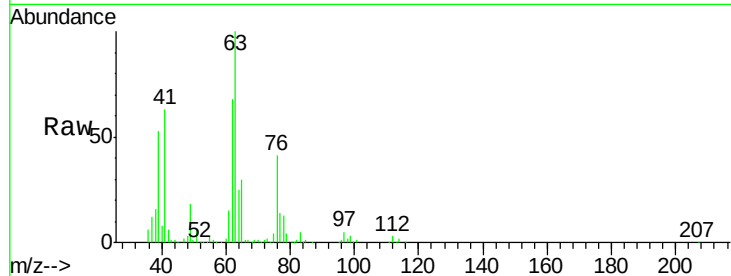
65 30.4 25.4 38.0

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#46

Dibromomethane

Concen: 51.035 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

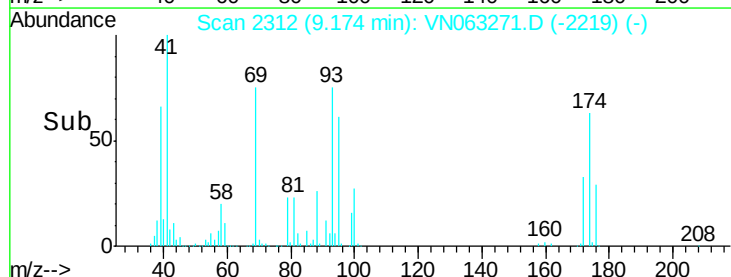
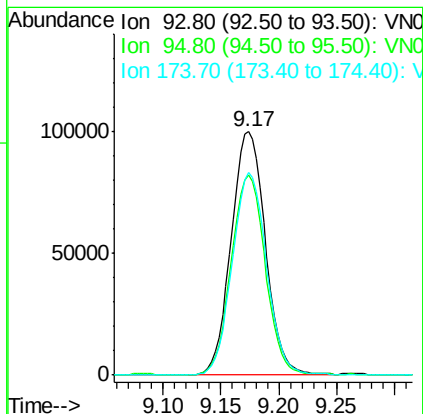
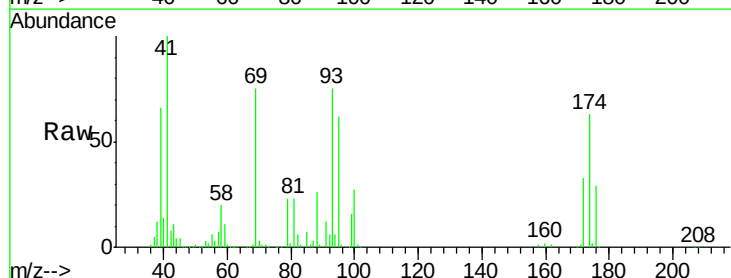
Tgt Ion: 93 Resp: 205575

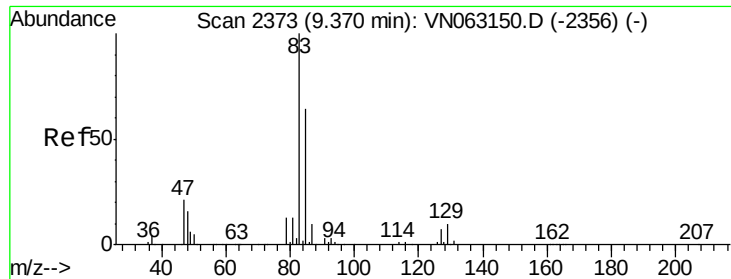
Ion Ratio Lower Upper

93 100

95 81.9 65.2 97.8

174 83.4 64.6 97.0





#47

Bromodichloromethane

Concen: 51.018 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

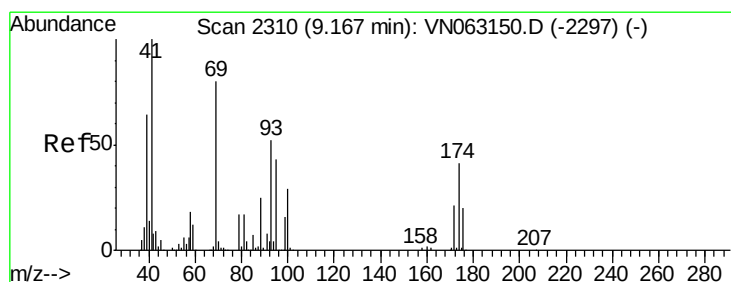
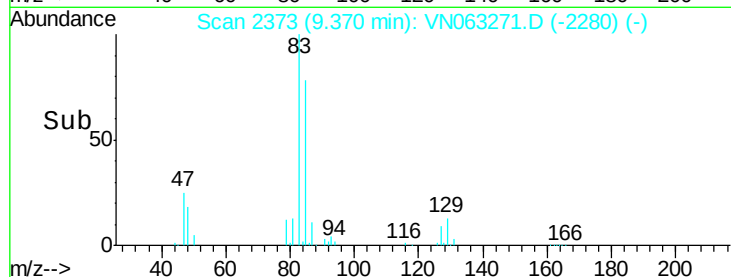
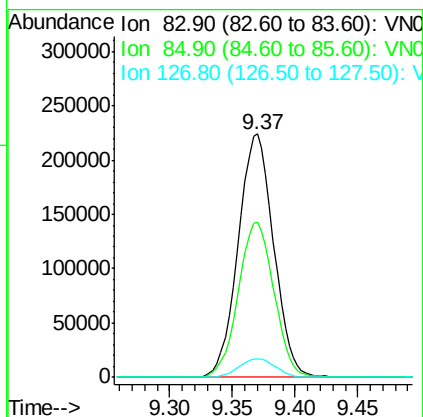
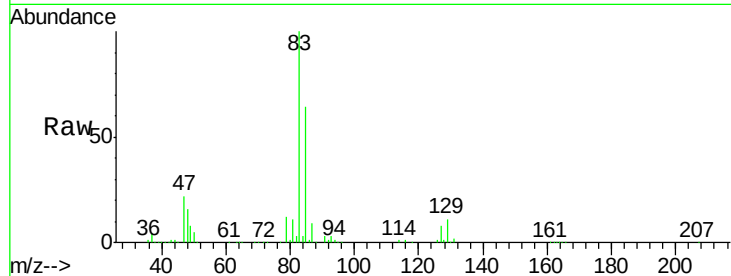
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	440494
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.0	76.6
127	7.5	5.7	8.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.868 ug/l

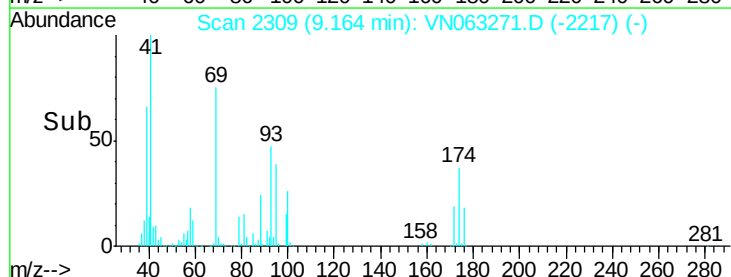
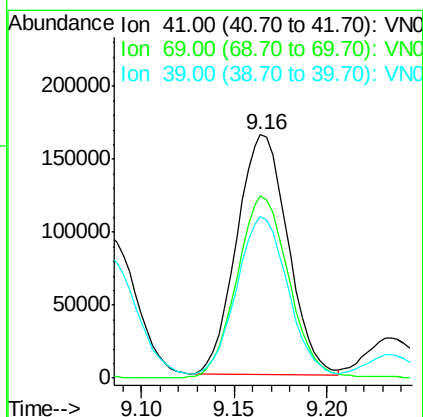
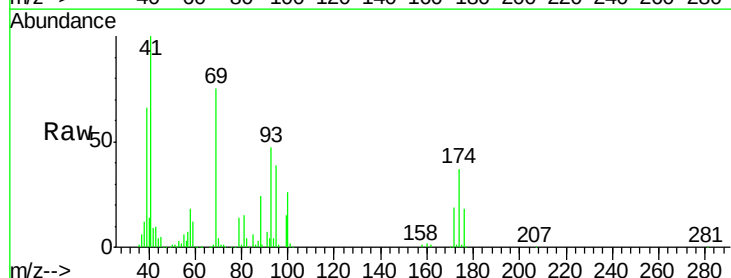
RT: 9.16 min Scan# 2309

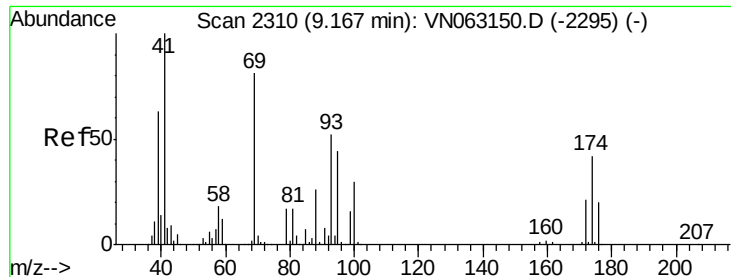
Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion:	41	Resp:	315139
Ion	Ratio	Lower	Upper
41	100		
69	77.4	65.9	98.9
39	67.8	52.0	78.0





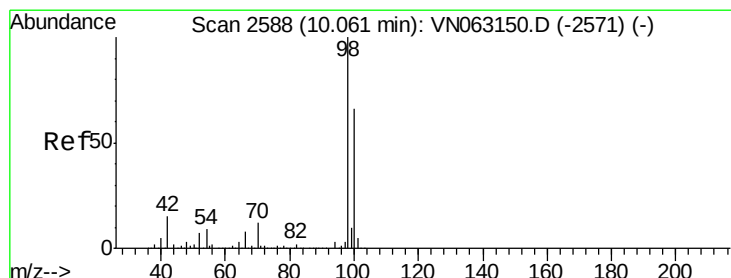
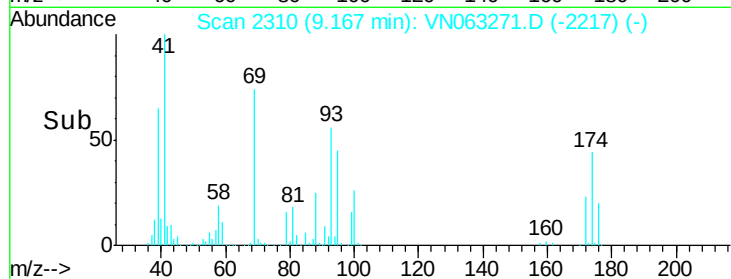
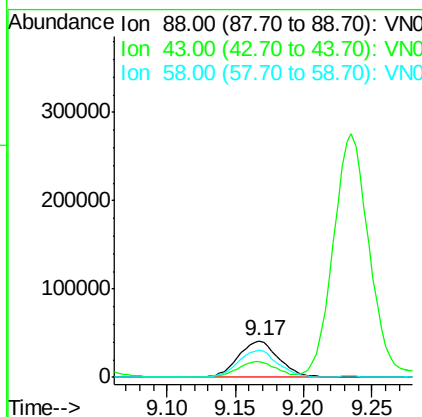
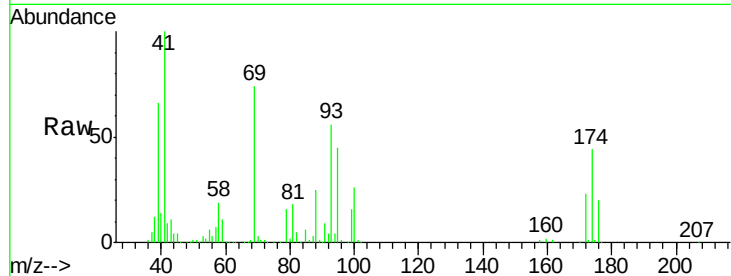
#49
1,4-Dioxane
Concen: 957.704 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.0	28.6	42.8
58	72.8	53.2	79.8

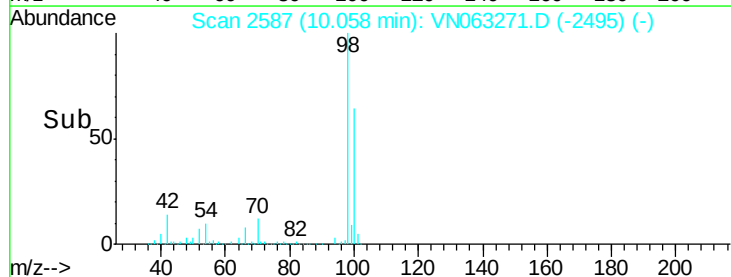
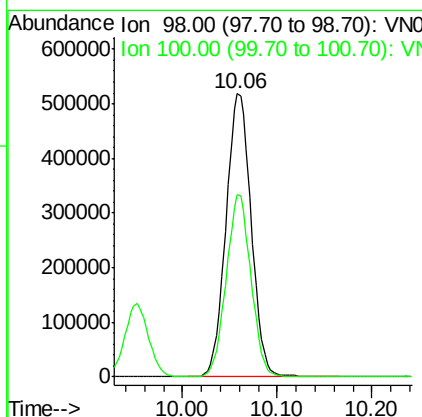
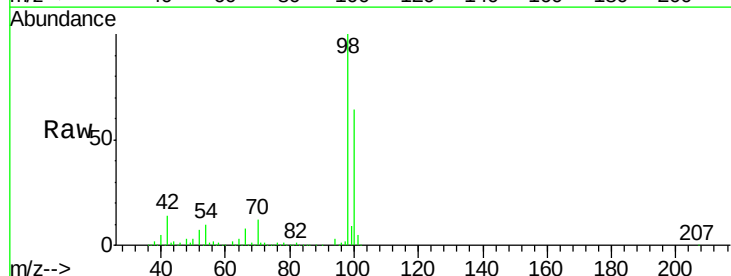
Manual Integrations
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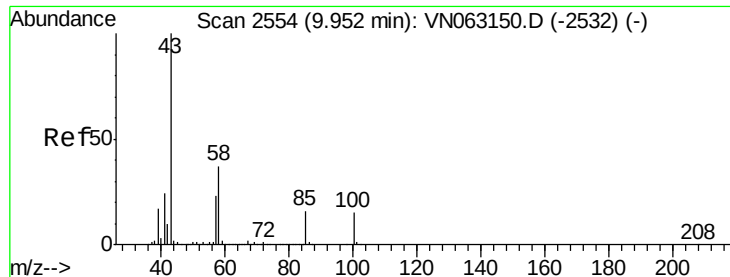
MMDadoda
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#50
Toluene-d8
Concen: 47.764 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 266.166 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1842791

Ion Ratio Lower Upper

43 100

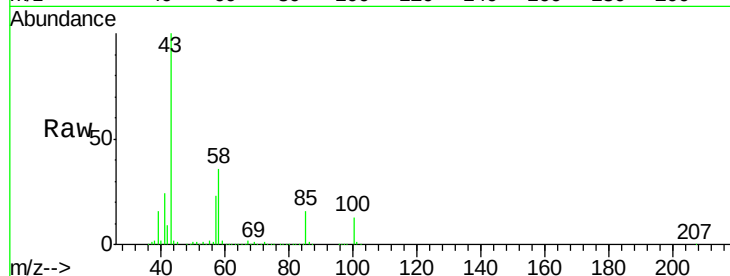
58 36.4 29.2 43.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1200000

1000000

800000

600000

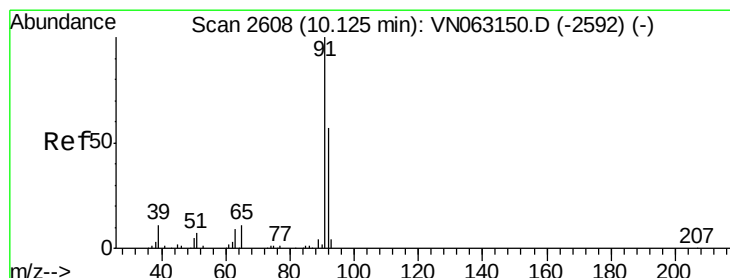
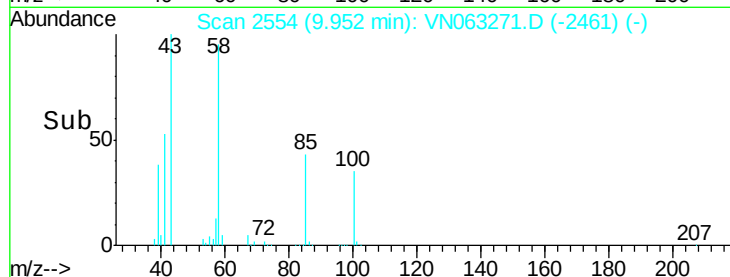
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 49.915 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063271.D

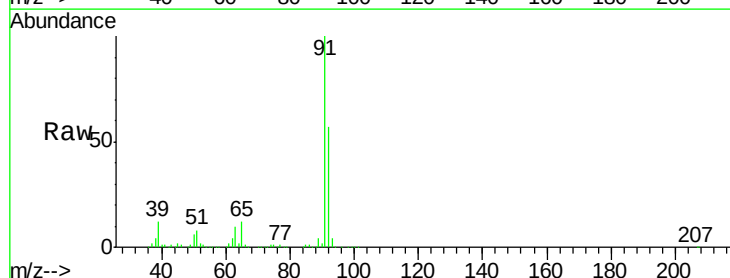
Acq: 9 Sep 2020 10:08

Tgt Ion: 92 Resp: 713848

Ion Ratio Lower Upper

92 100

91 174.3 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

800000

600000

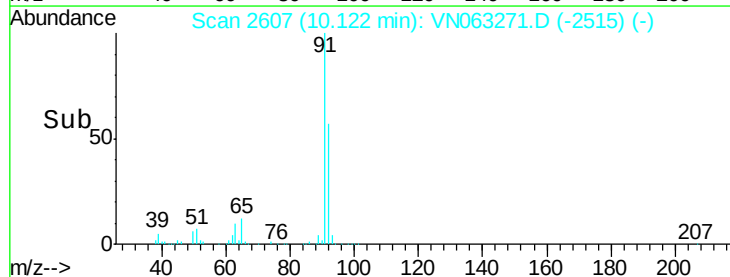
400000

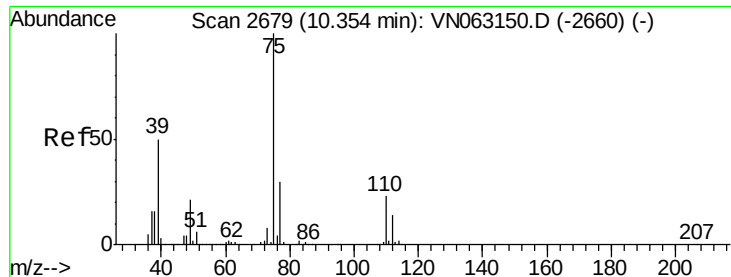
200000

0

10.10 10.12 10.20

Time-->





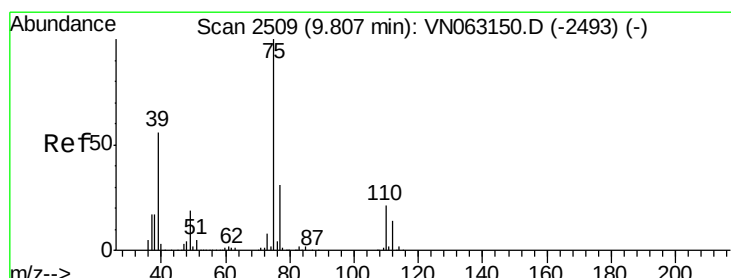
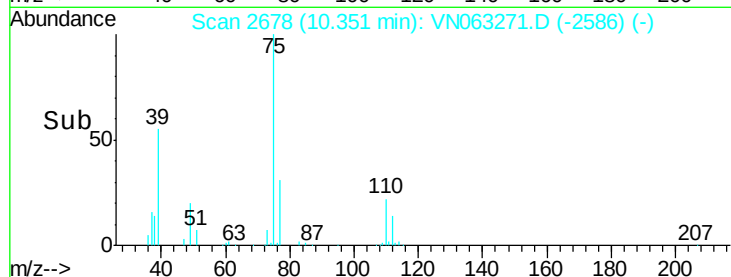
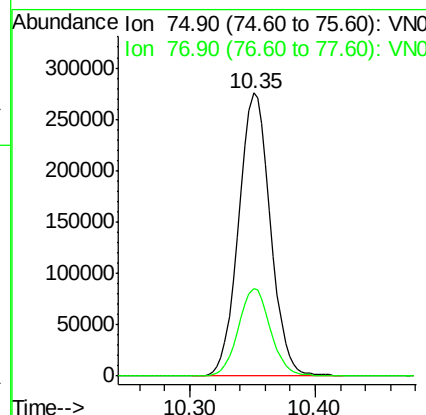
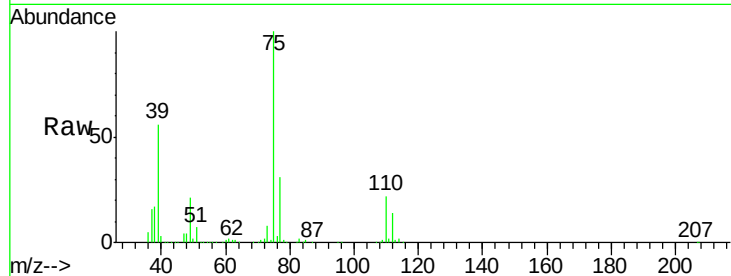
#53
t-1,3-Dichloropropene
Concen: 51.306 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 484560
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.2

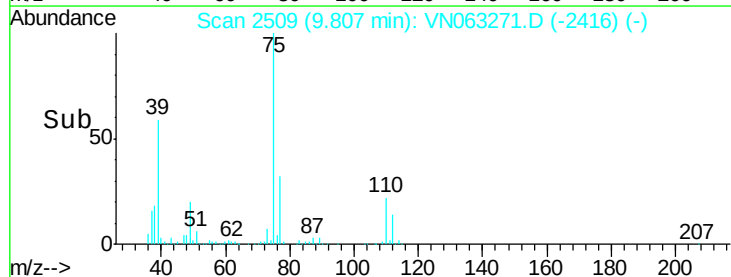
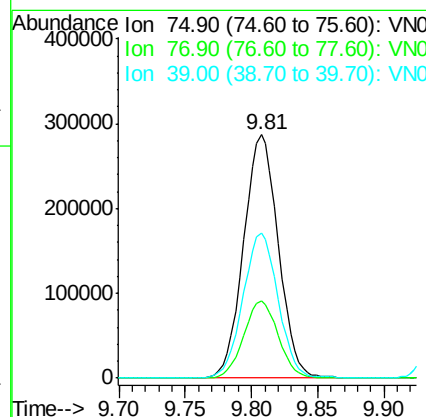
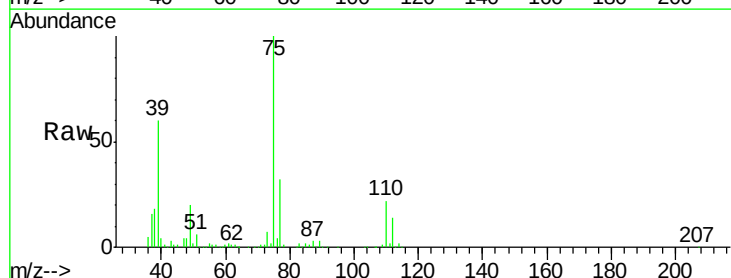
Manual Integrations
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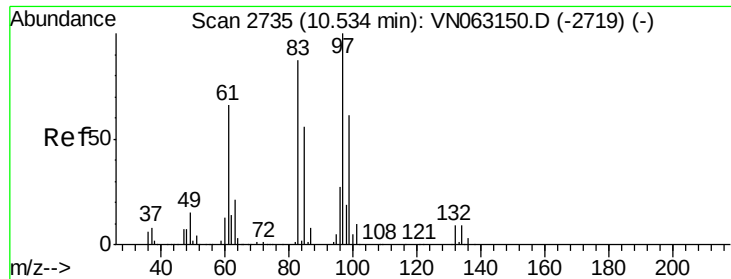
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#54
cis-1,3-Dichloropropene
Concen: 52.732 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 75 Resp: 522772
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 59.4 45.0 67.6





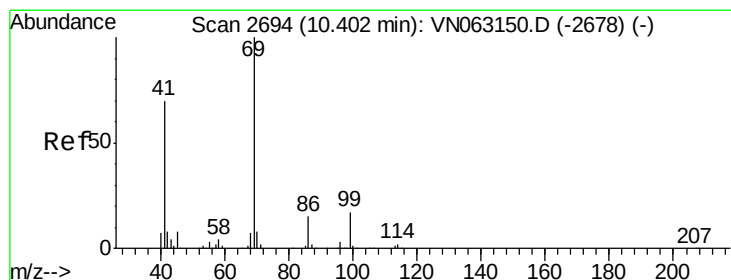
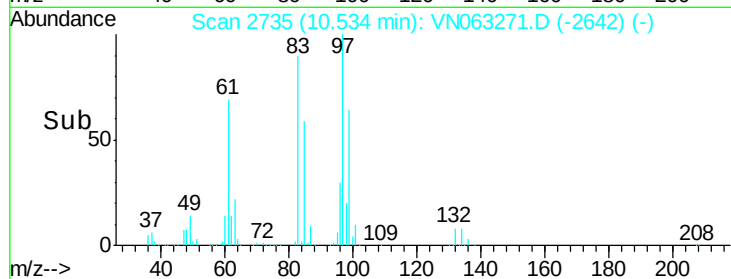
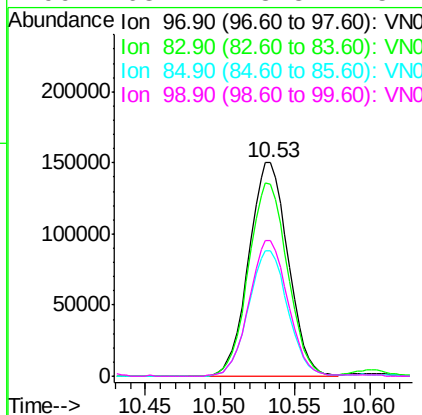
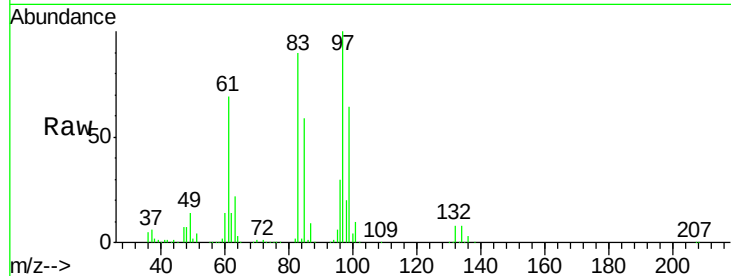
#55
 1,1,2-Trichloroethane
 Concen: 50.109 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	274443
Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.8	104.8
85	58.7	44.9	67.3
99	63.4	48.8	73.2

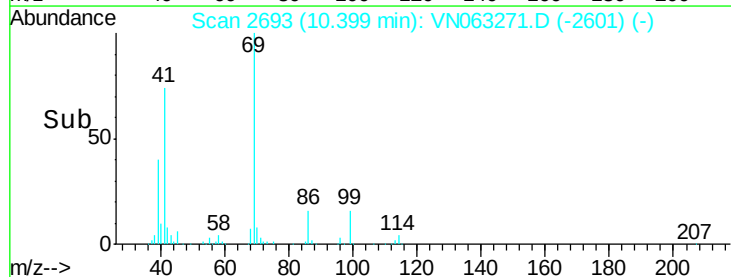
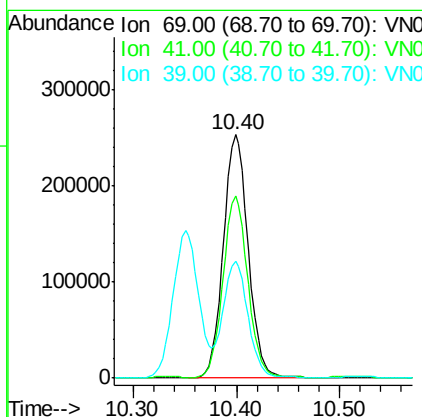
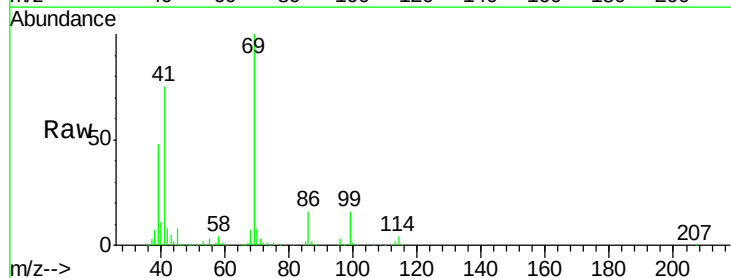
Manual Integrations
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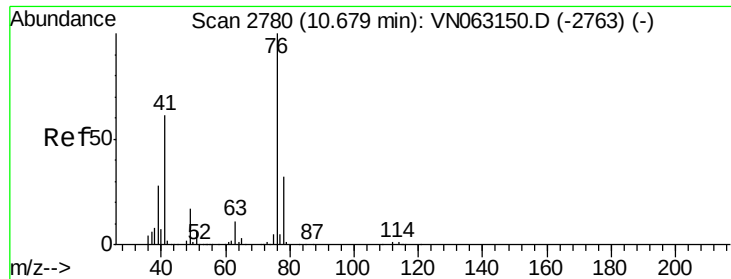
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#56
 Ethyl methacrylate
 Concen: 51.093 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion:	69	Resp:	425861
Ion	Ratio	Lower	Upper
69	100		
41	74.0	55.5	83.3
39	47.9	38.2	57.2





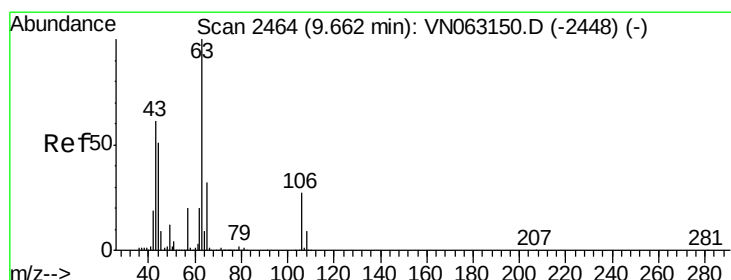
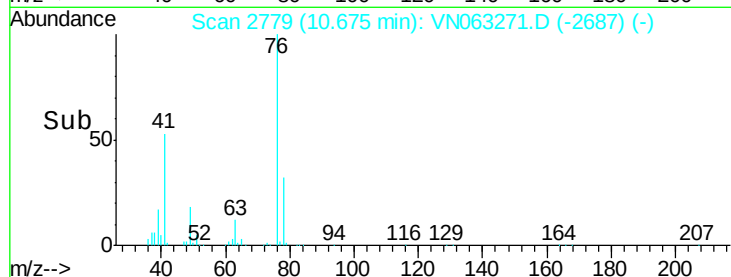
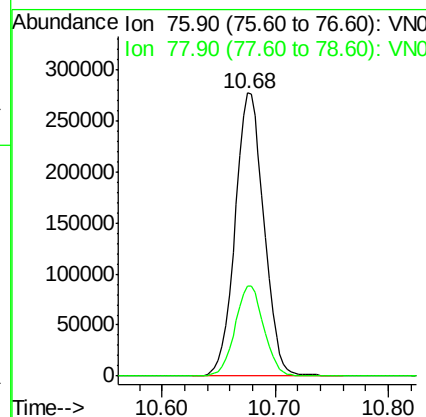
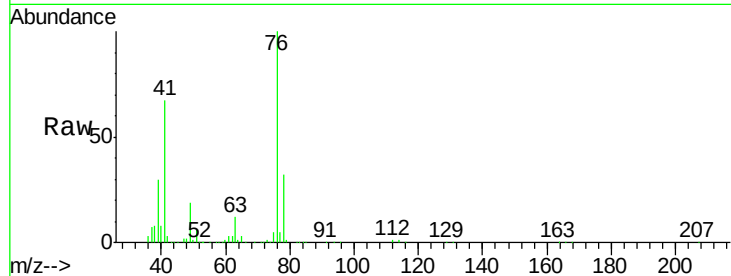
#57
 1,3-Dichloropropane
 Concen: 50.367 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

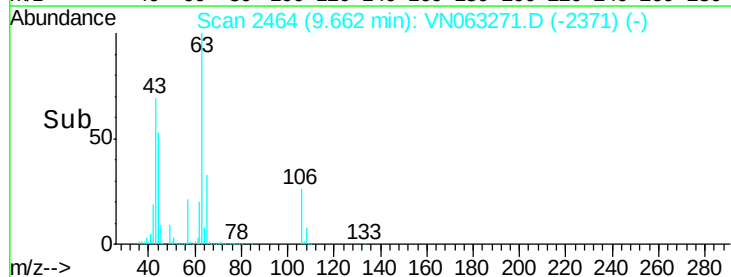
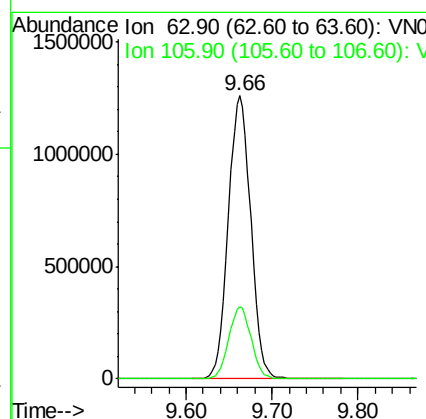
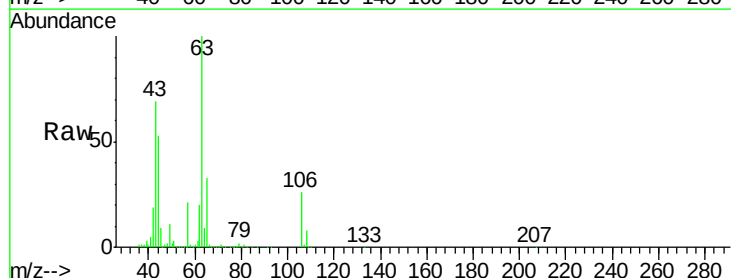
Manual Integrations
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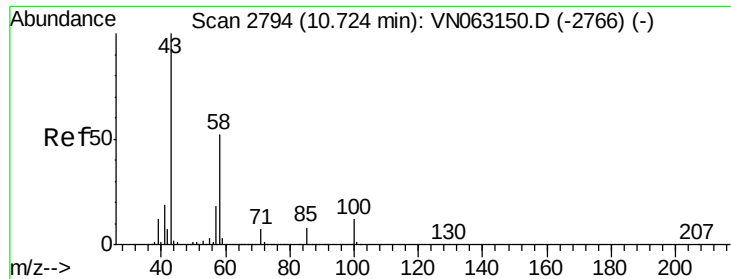
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#58
 2-Chloroethyl Vinyl ether
 Concen: 530.008 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	21.8	32.6





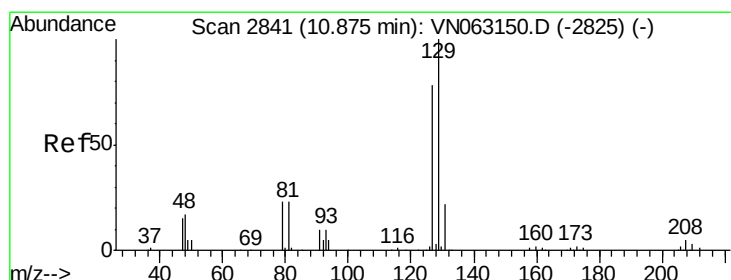
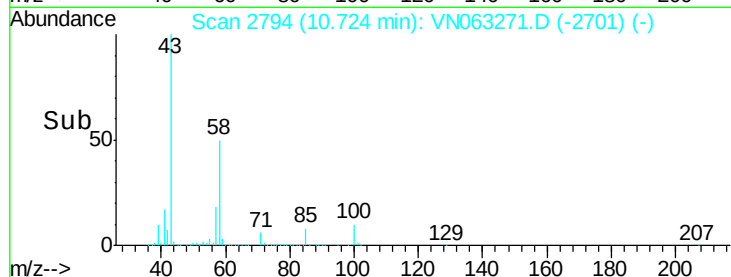
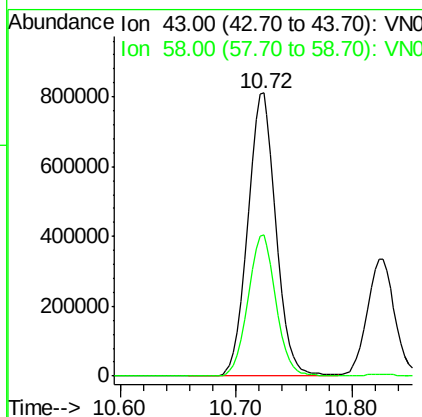
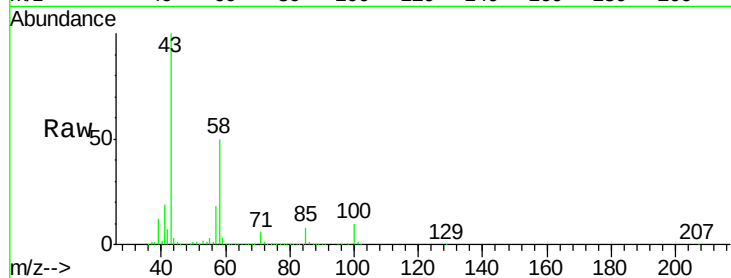
#59
2-Hexanone
Concen: 282.379 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1373972
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.8

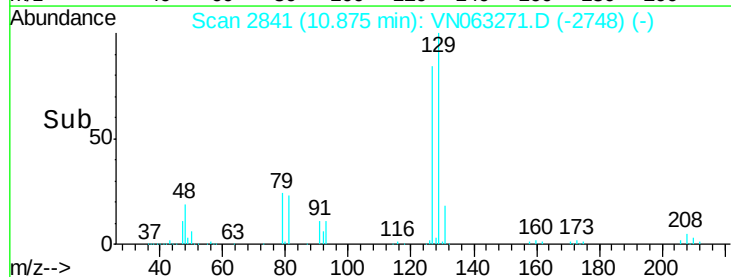
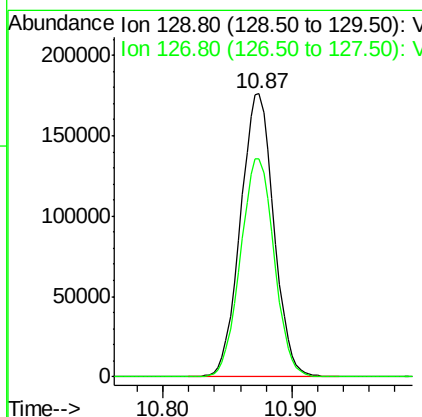
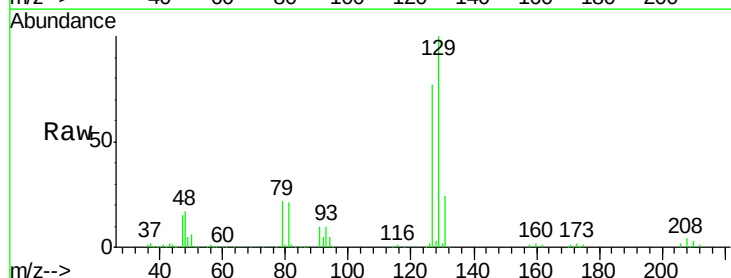
Manual Integrations
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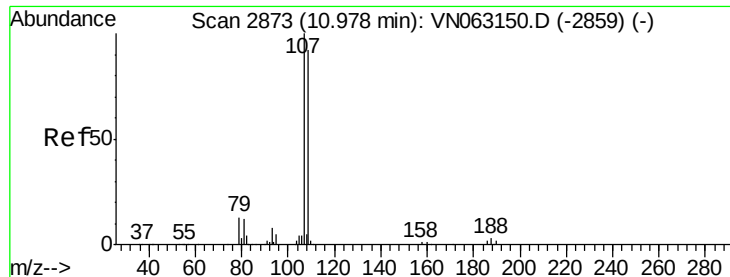
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#60
Dibromochloromethane
Concen: 52.423 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 129 Resp: 317427
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 49.105 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 279579

Ion Ratio Lower Upper

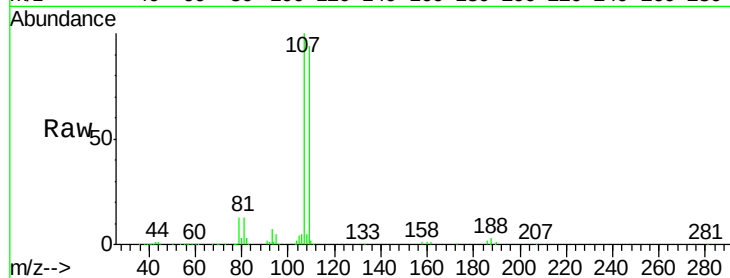
107 100

109 94.8 73.4 110.0

Manual Integrations
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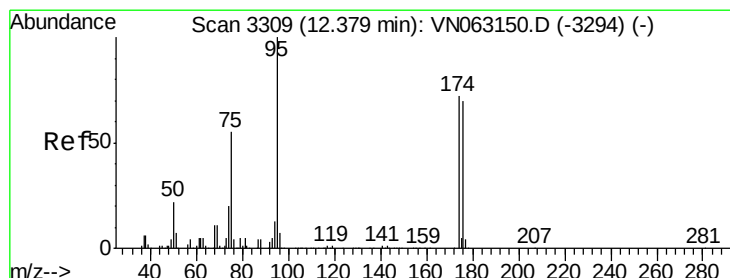
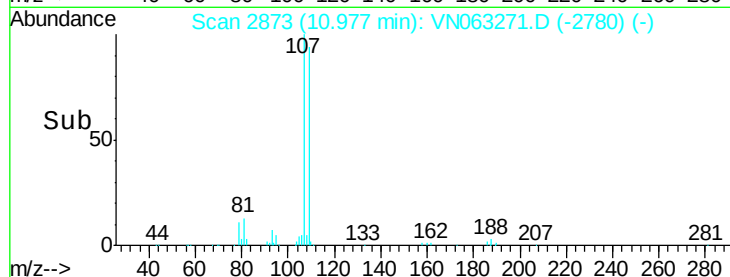
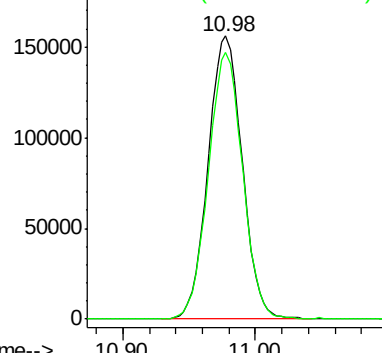
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.557 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

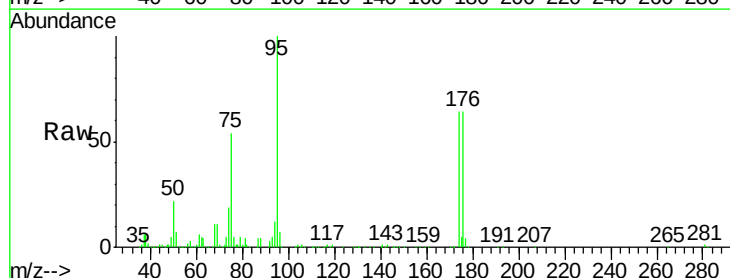
Tgt Ion: 95 Resp: 361903

Ion Ratio Lower Upper

95 100

174 66.3 0.0 143.8

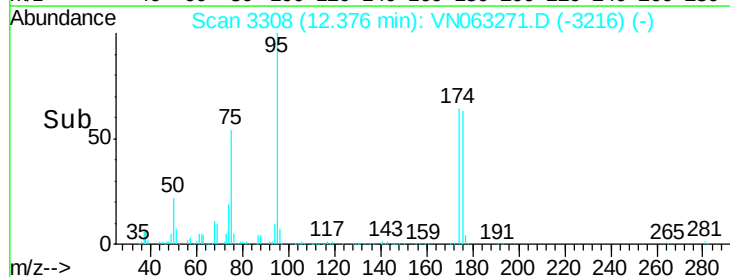
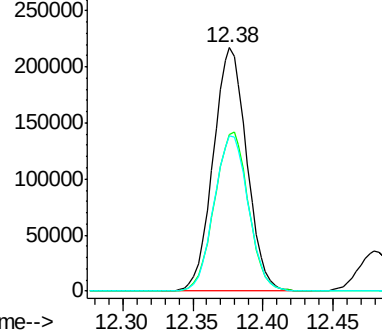
176 65.4 0.0 138.4

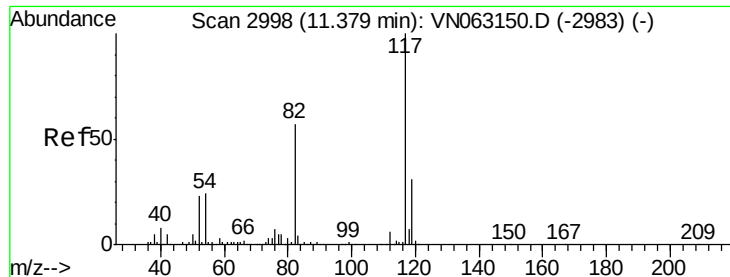


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





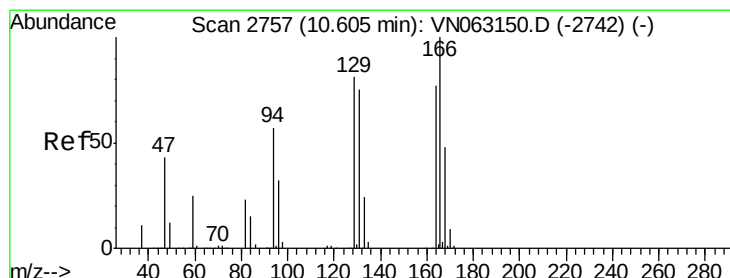
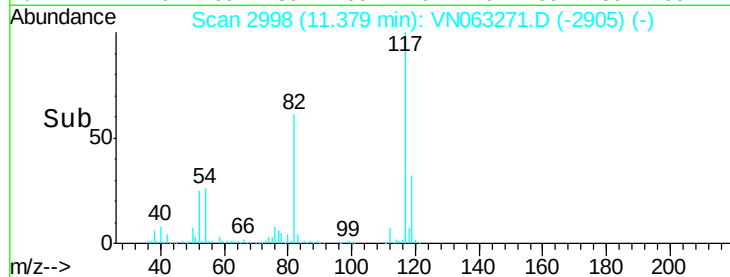
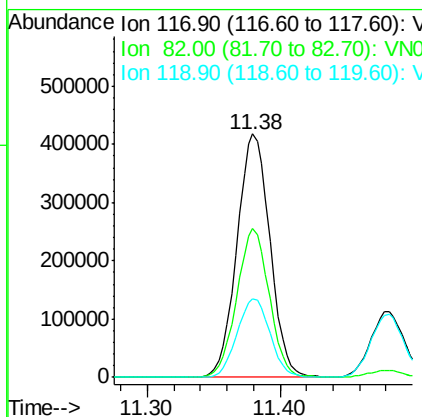
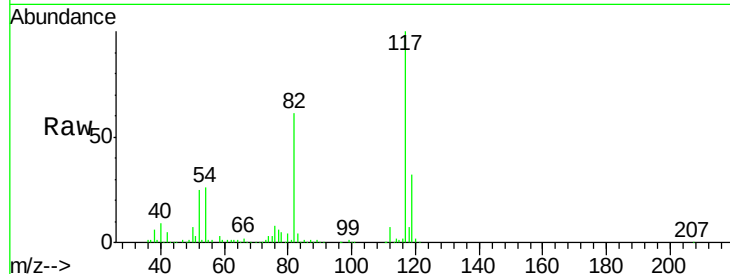
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	45.4	68.0
119	32.3	24.6	37.0

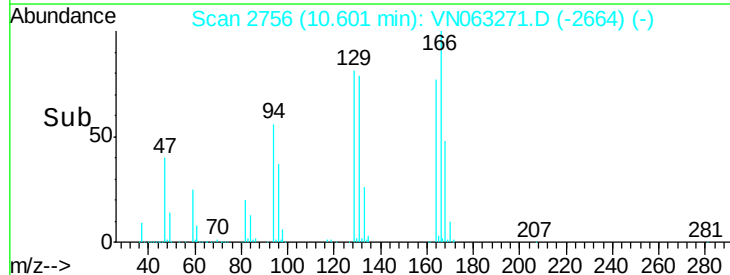
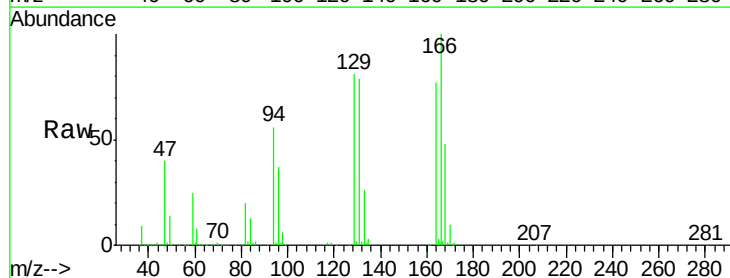
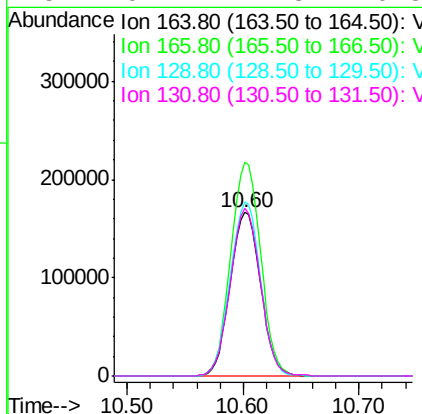
Manual Integrations
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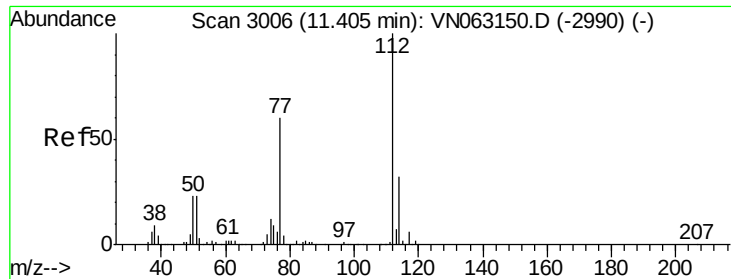
MMDadoda
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#64
Tetrachloroethene
Concen: 58.125 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	103.4	155.2
129	105.9	83.4	125.0
131	102.4	77.8	116.8





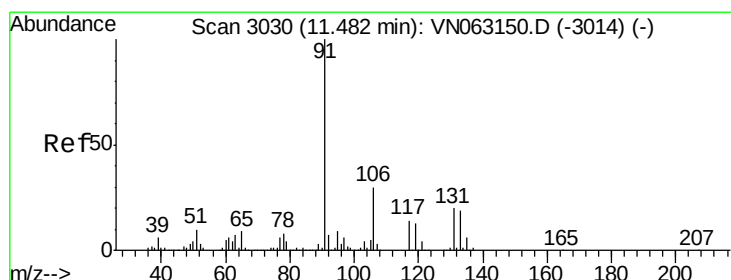
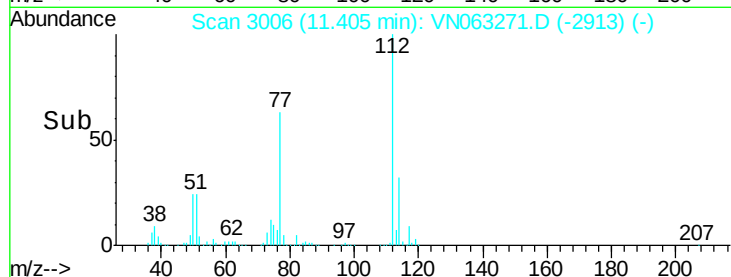
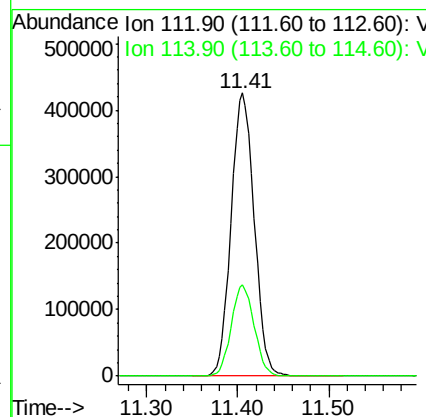
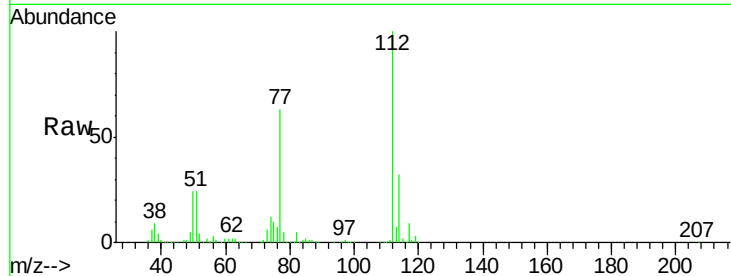
#65
Chlorobenzene
Concen: 51.677 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.2	37.8

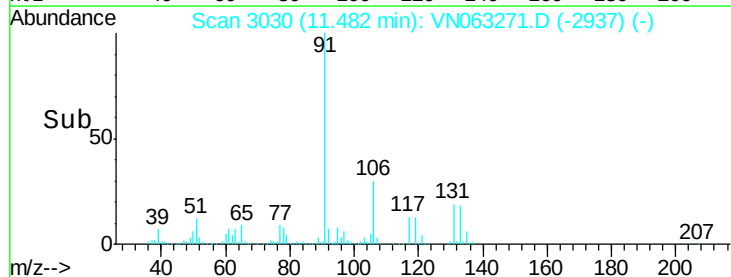
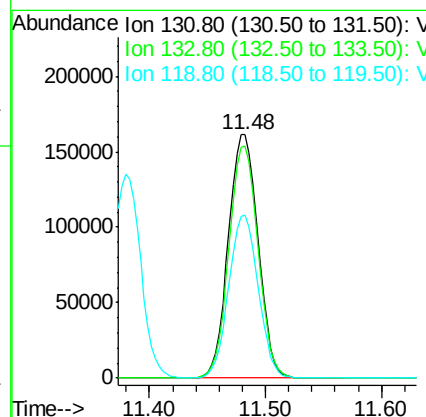
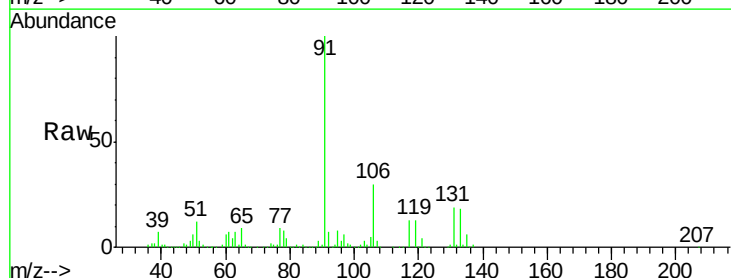
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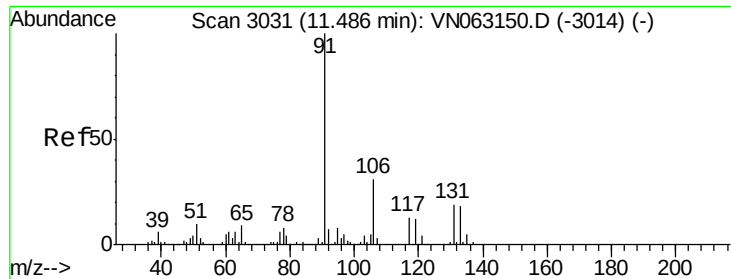
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.894 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.3	142.0
119	66.5	32.4	97.0





#67

Ethyl Benzene

Concen: 53.216 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1411618

Ion Ratio Lower Upper

91 100

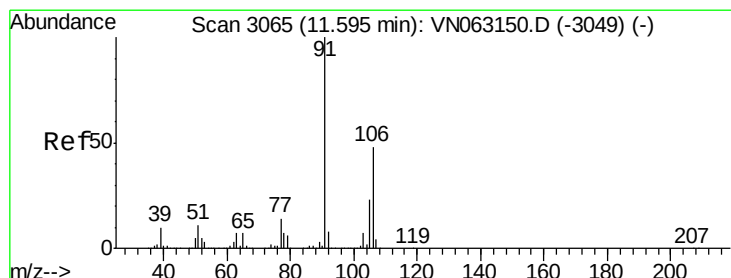
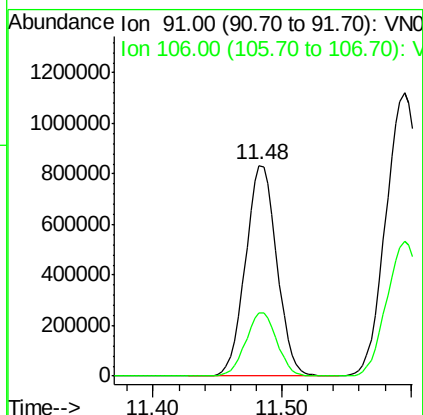
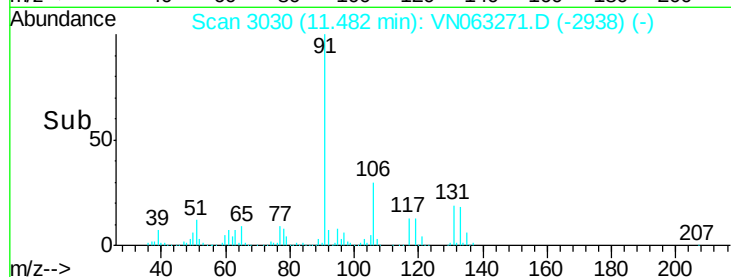
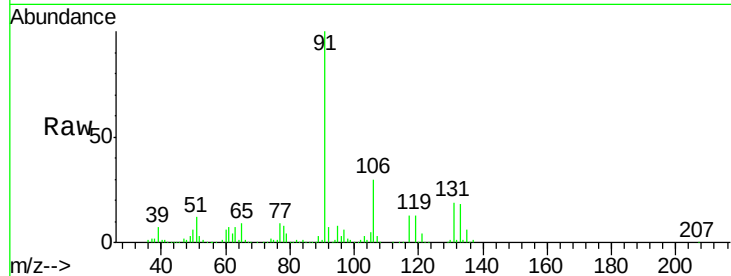
106 29.9 24.4 36.6

Manual Integrations

APPROVED

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9/10/2020 4:04:13 PM



#68

m/p-Xylenes

Concen: 104.347 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063271.D

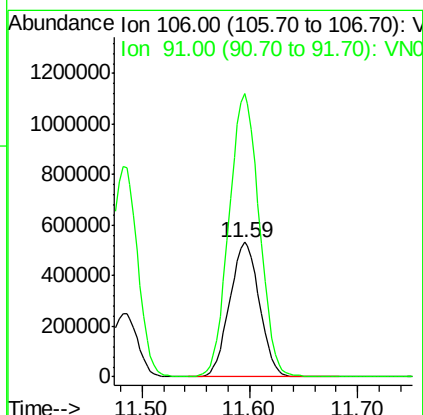
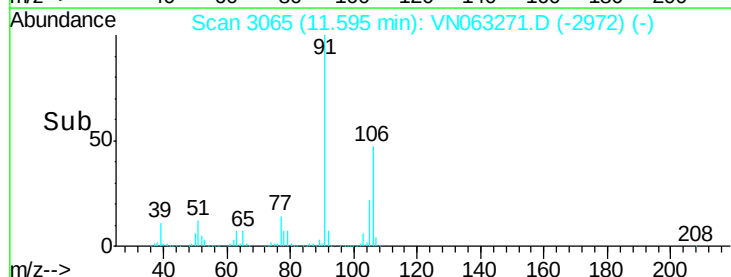
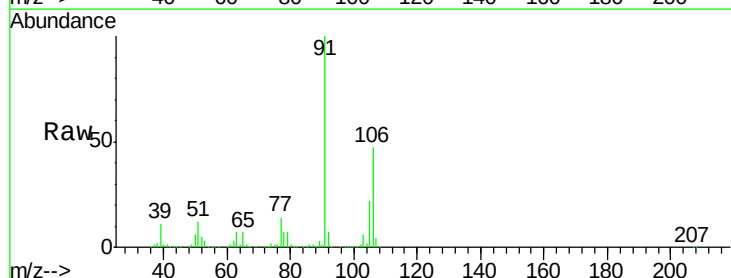
Acq: 9 Sep 2020 10:08

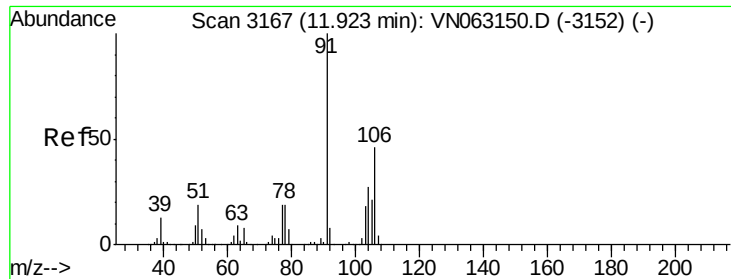
Tgt Ion: 106 Resp: 1025143

Ion Ratio Lower Upper

106 100

91 213.7 166.7 250.1





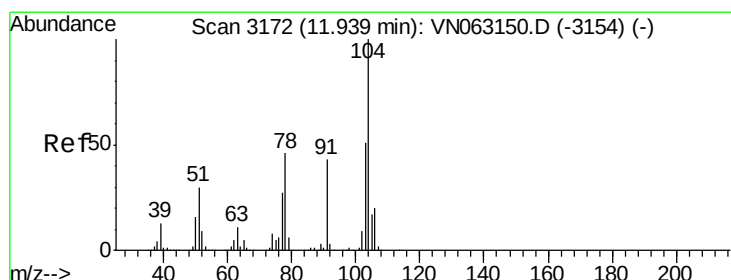
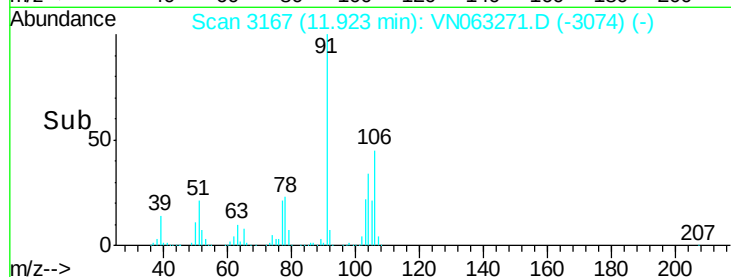
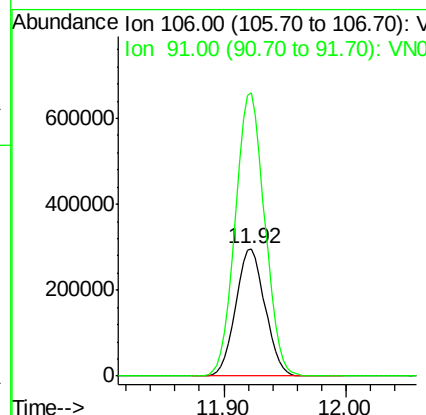
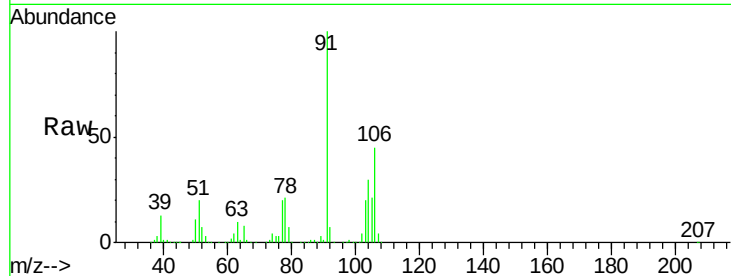
#69
o-Xylene
Concen: 52.576 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.1	108.6	325.6

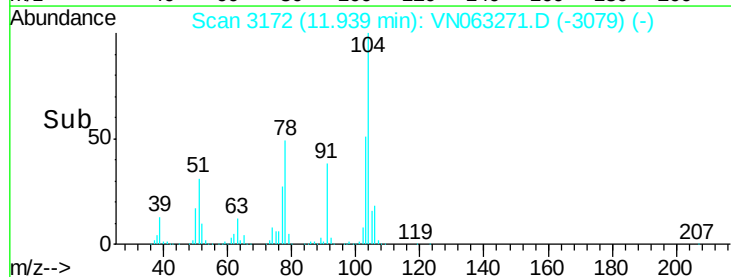
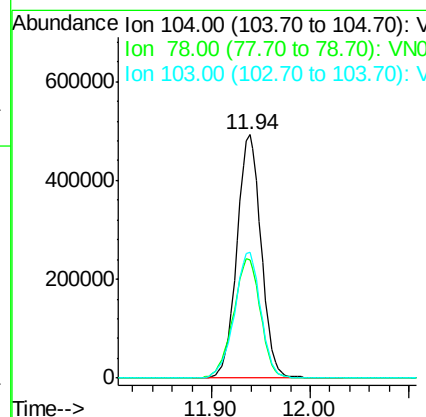
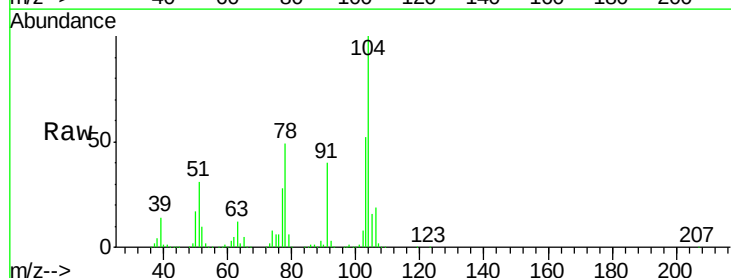
Manual Integrations
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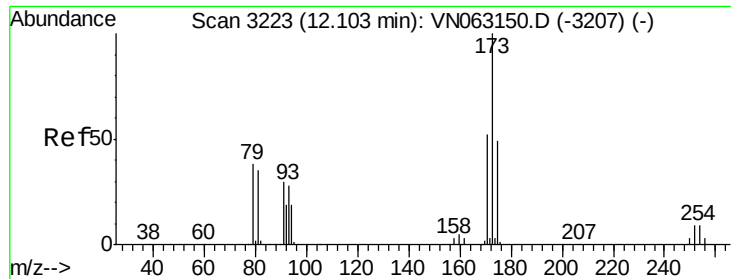
MMDadoda
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#70
Styrene
Concen: 51.785 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.9	41.0	61.6
103	56.0	43.8	65.8





#71

Bromoform

Concen: 54.123 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 198288

Ion Ratio Lower Upper

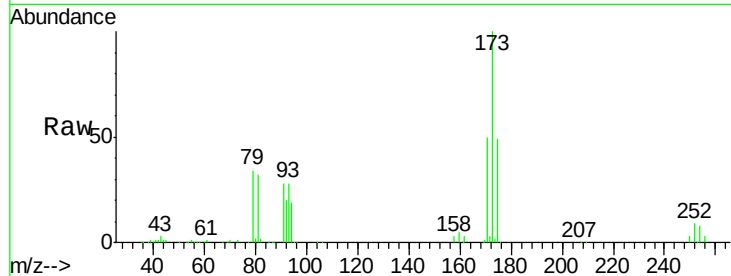
173 100

175 48.7 24.6 73.8

254 0.0 0.0 0.0#

Manual Integrations
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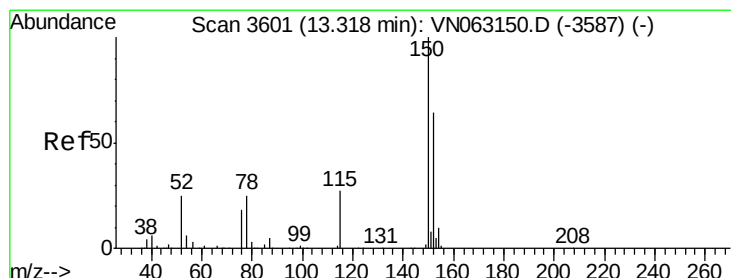
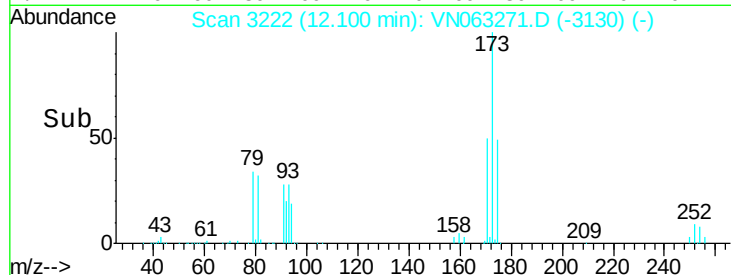
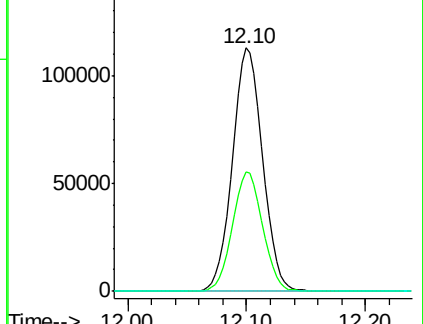
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN063271.D

Acq: 9 Sep 2020 10:08

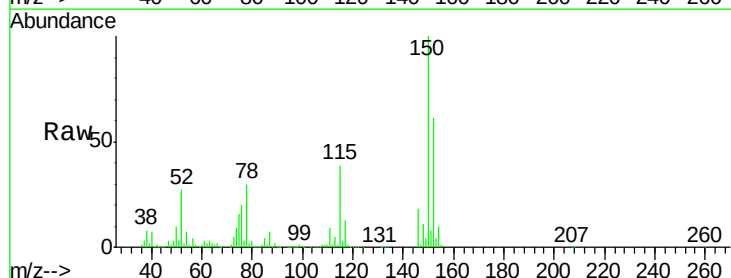
Tgt Ion:152 Resp: 347811

Ion Ratio Lower Upper

152 100

115 63.2 32.0 96.2

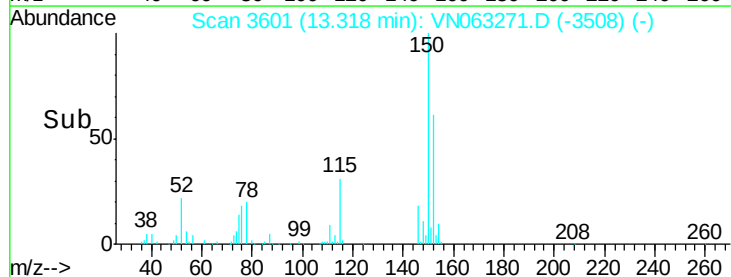
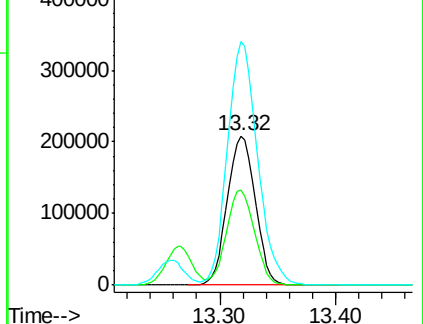
150 174.9 0.0 353.0

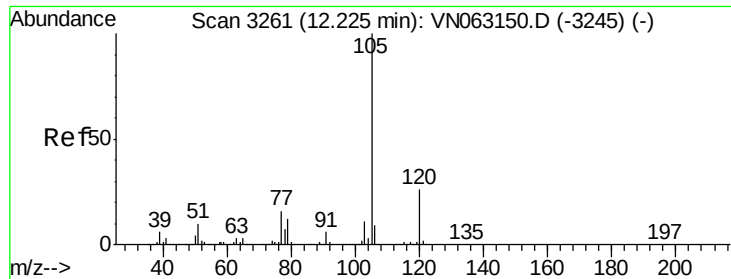


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.599 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1349807

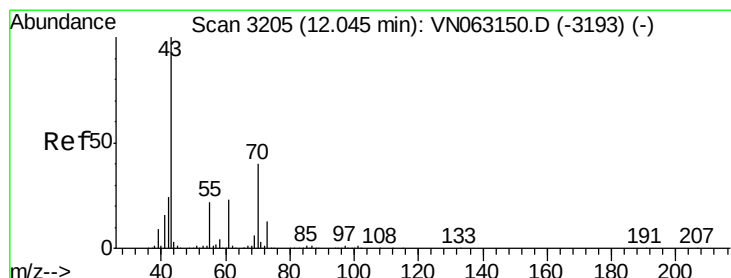
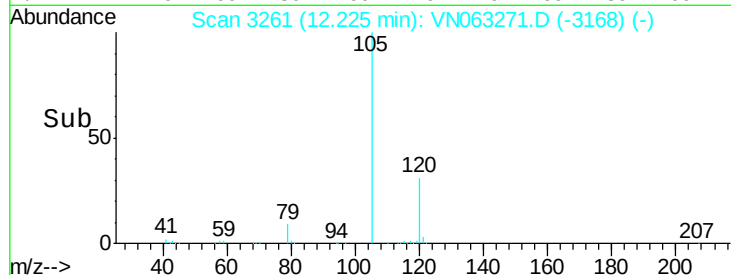
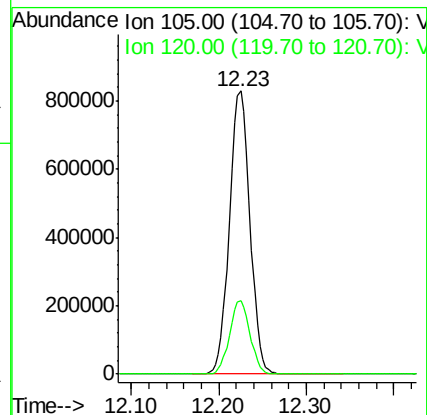
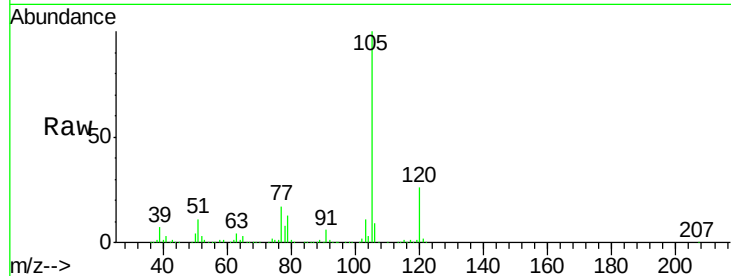
Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 51.569 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion: 43 Resp: 569828

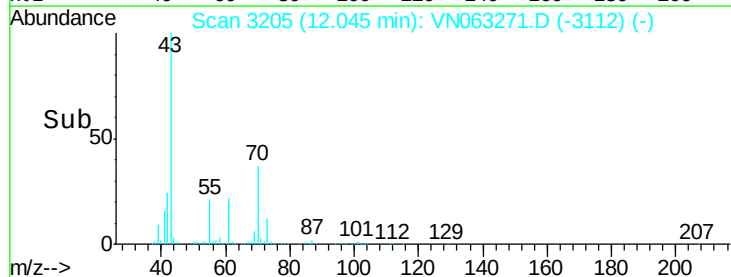
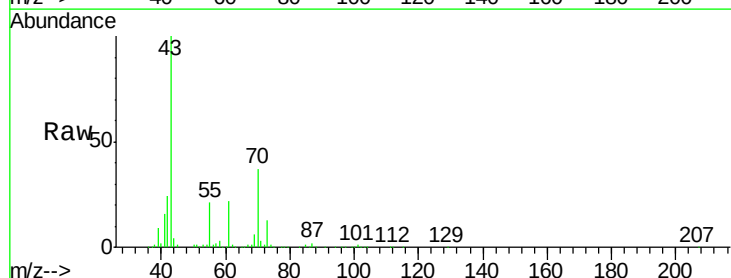
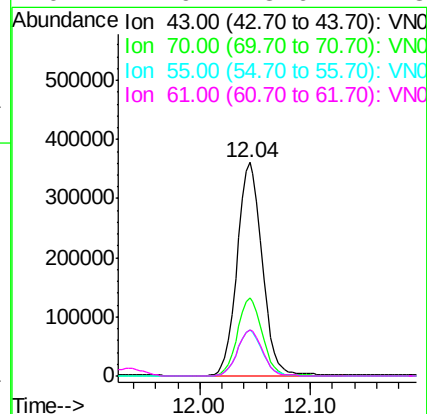
Ion Ratio Lower Upper

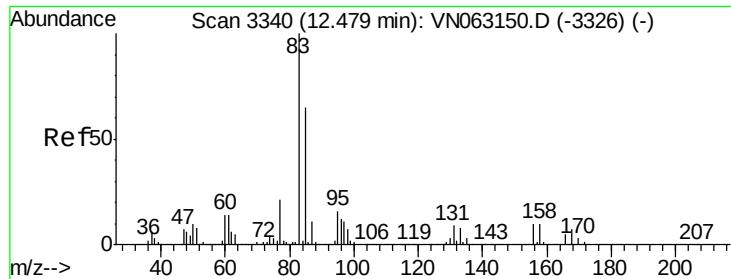
43 100

70 36.5 32.1 48.1

55 21.6 17.4 26.0

61 21.9 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.843 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 352580

Ion Ratio Lower Upper

83 100

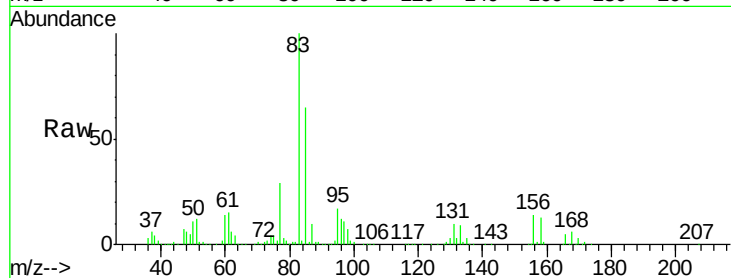
131 10.2 4.7 14.0

85 64.8 32.7 98.1

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN063271.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063271.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063271.D (-3247) (-)

12.48

250000

200000

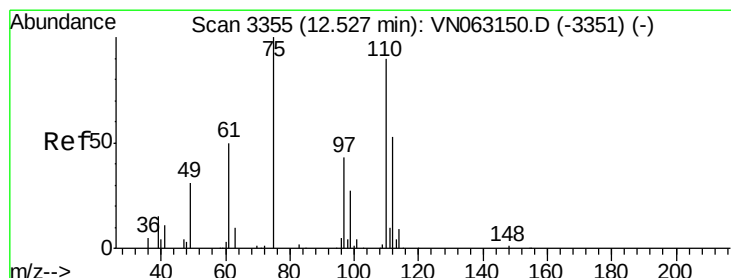
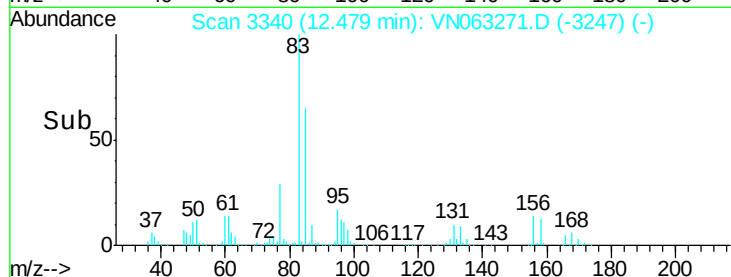
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 51.976 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063271.D

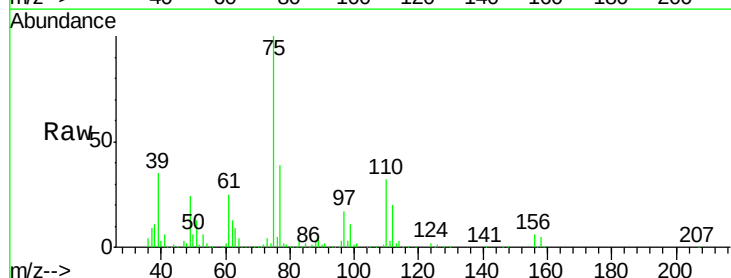
Acq: 9 Sep 2020 10:08

Tgt Ion: 75 Resp: 355193

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063271.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063271.D (-3262) (-)

400000

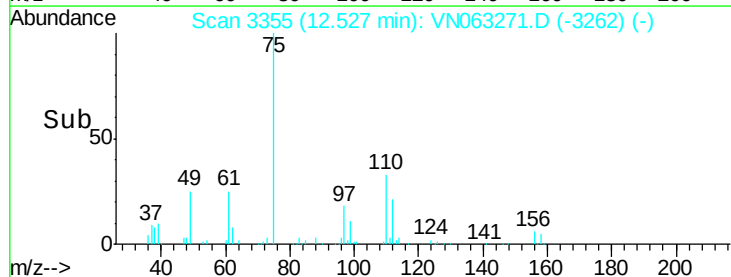
300000

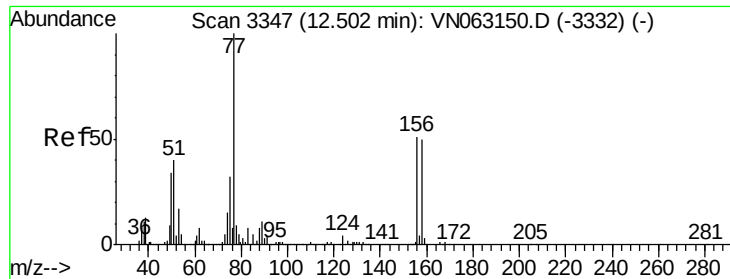
200000

100000

0

Time-->





#77

Bromobenzene

Concen: 50.336 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 303686

Ion Ratio Lower Upper

156 100

77 232.7 116.1 348.3

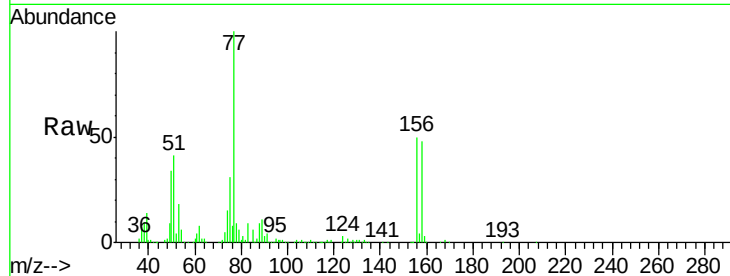
158 94.8 48.8 146.4

Manual Integrations

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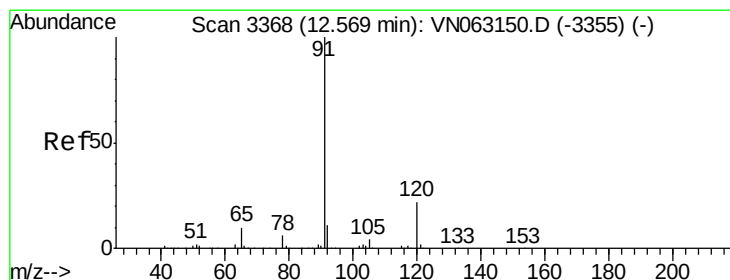
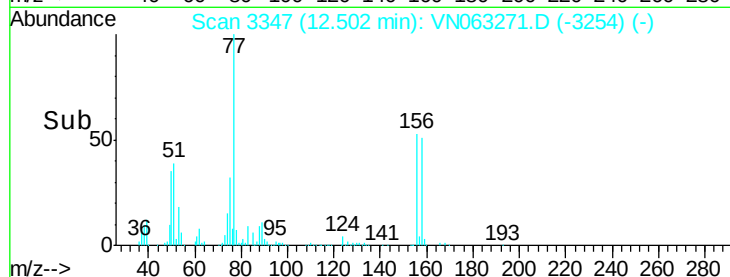
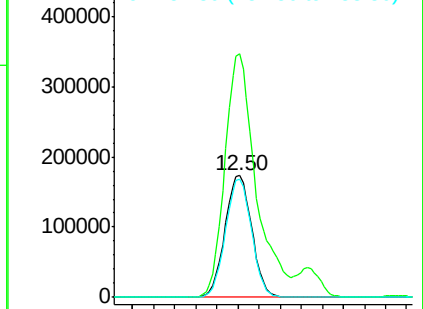
9/10/2020 4:04:13 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.239 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063271.D

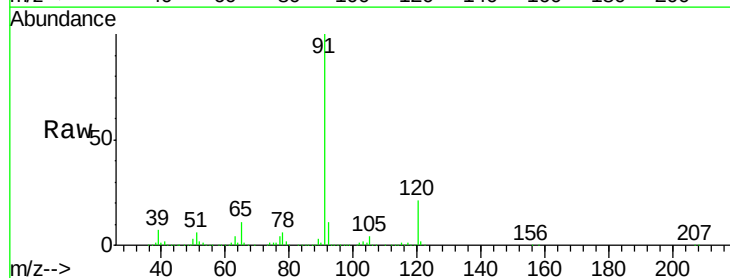
Acq: 9 Sep 2020 10:08

Tgt Ion: 91 Resp: 1581717

Ion Ratio Lower Upper

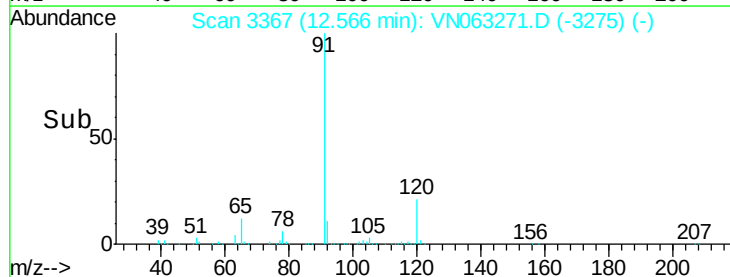
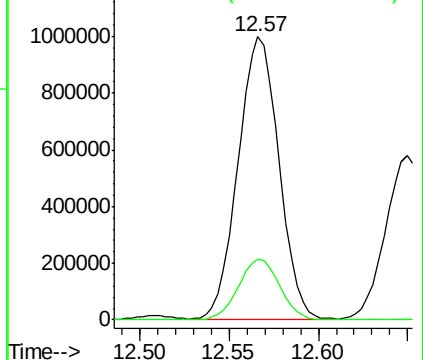
91 100

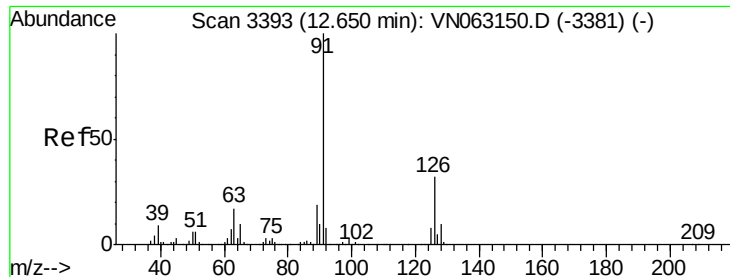
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





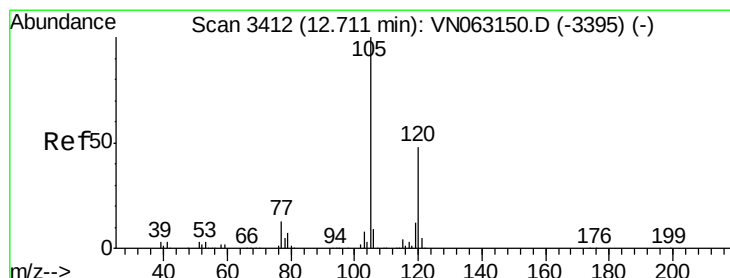
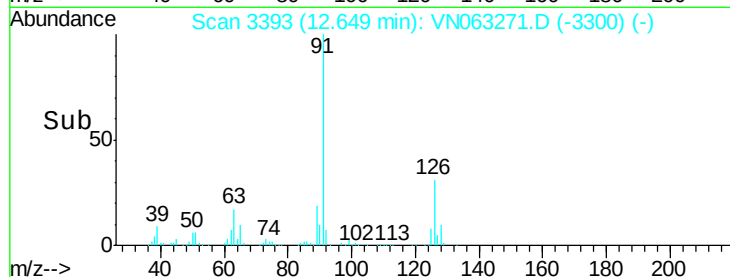
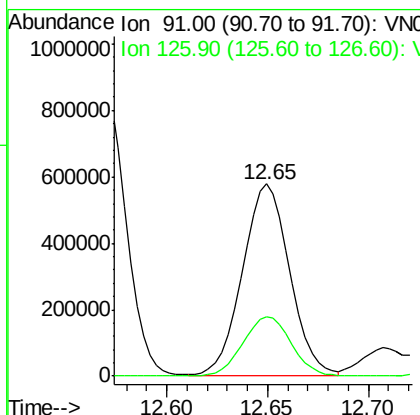
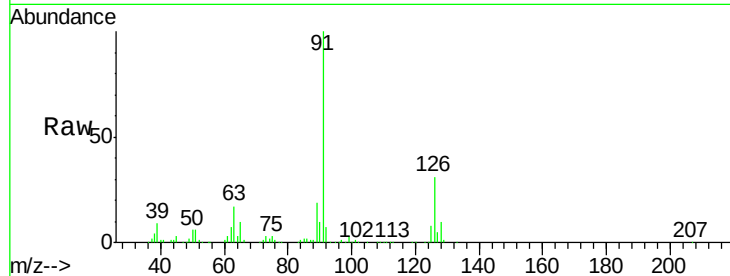
#79
2-Chlorotoluene
Concen: 50.904 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 941154
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3

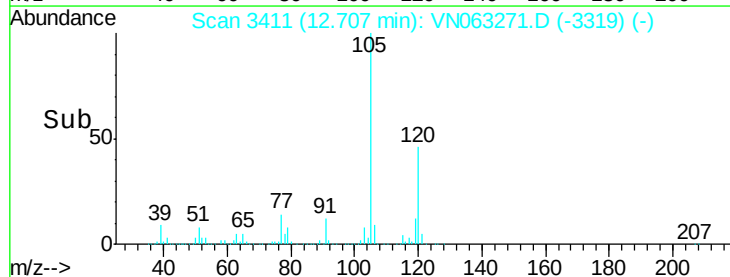
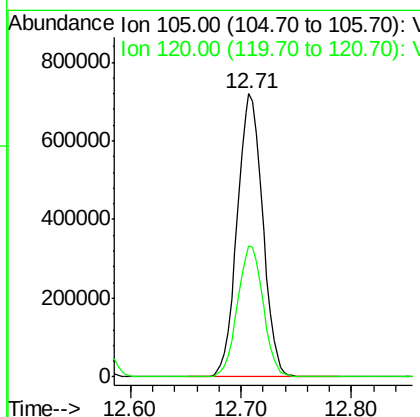
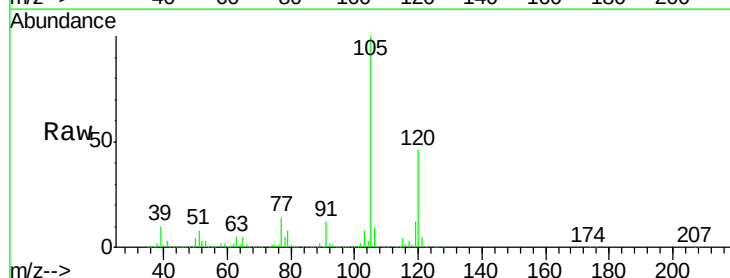
Manual Integrations
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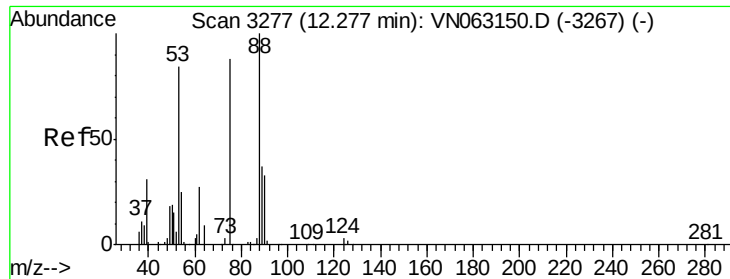
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 51.664 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 105 Resp: 1147192
Ion Ratio Lower Upper
105 100
120 46.6 24.2 72.6





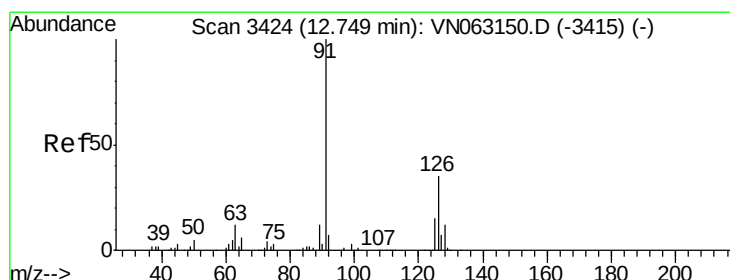
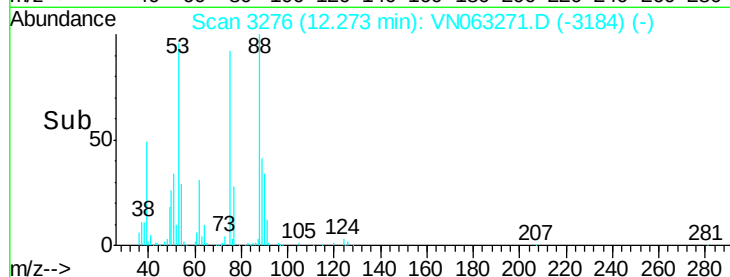
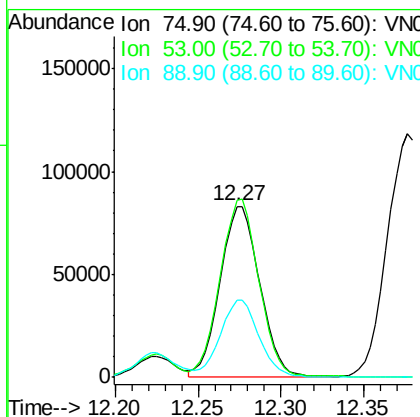
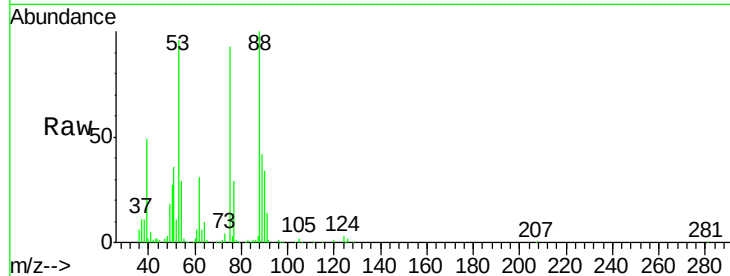
#81
trans-1,4-Dichloro-2-butene
Concen: 48.624 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	78.7	118.1
89	44.5	35.3	52.9

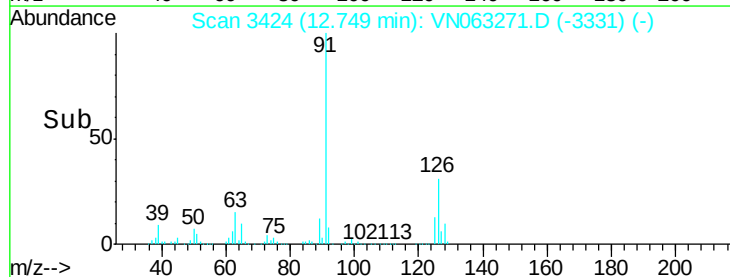
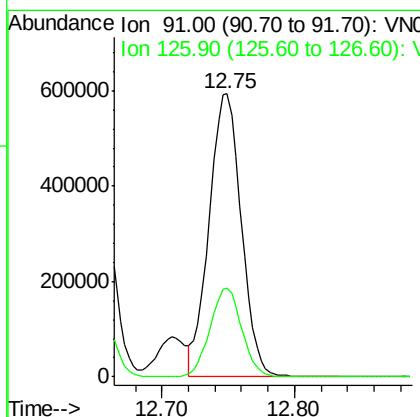
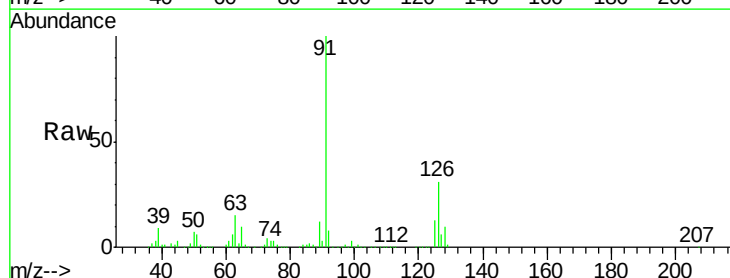
Manual Integrations
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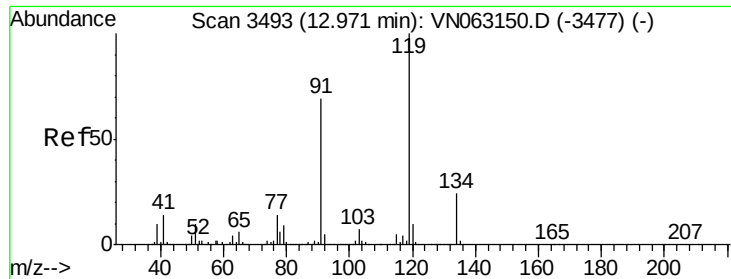
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#82
4-Chlorotoluene
Concen: 51.992 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.2	48.5





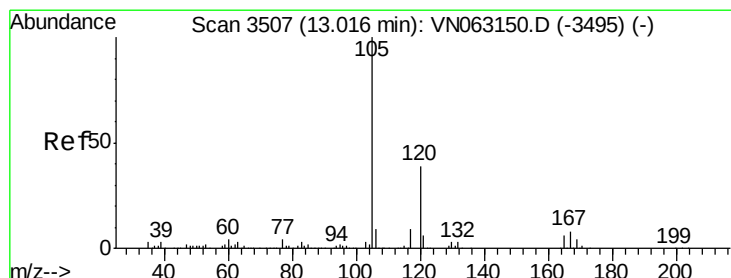
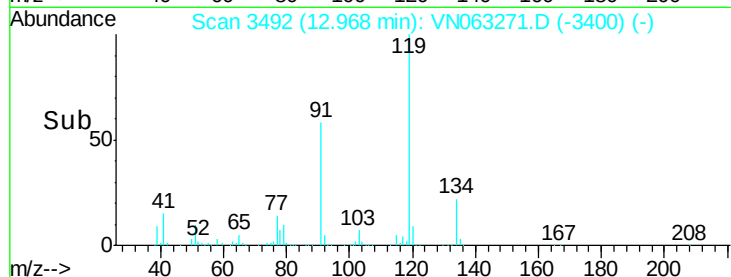
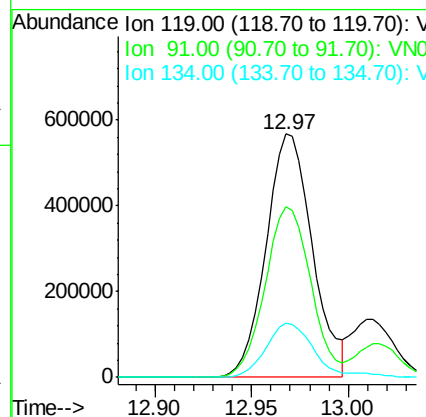
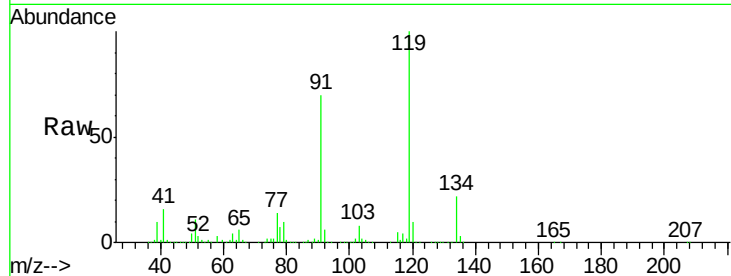
#83
 tert-Butylbenzene
 Concen: 49.726 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.0	33.7	101.0
134	23.5	12.0	36.0

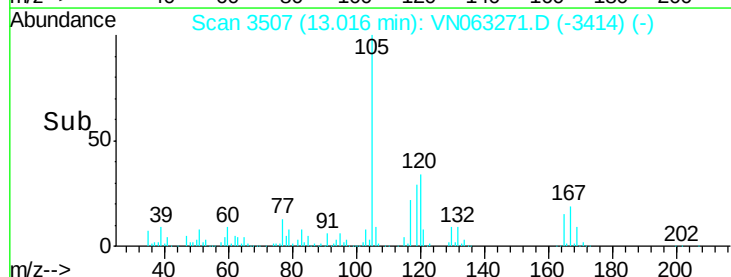
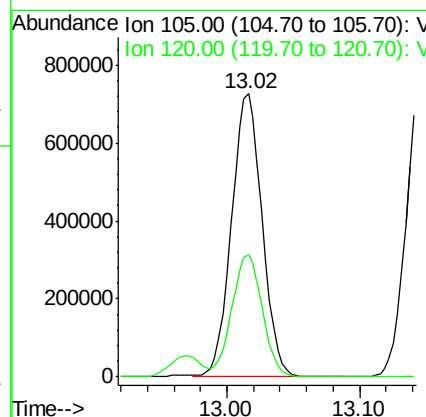
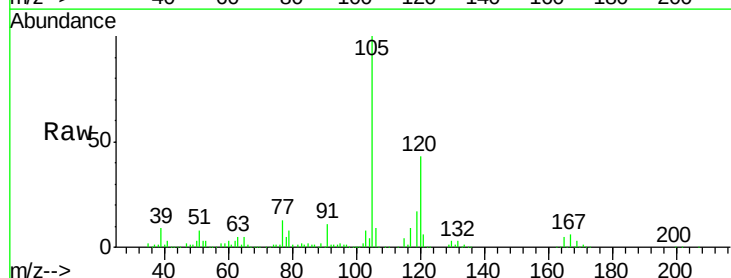
Manual Integrations
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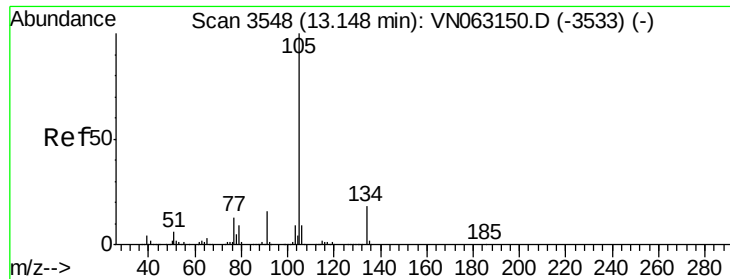
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.587 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.6	67.7





#85

sec-Butylbenzene

Concen: 49.714 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1233850

Ion Ratio Lower Upper

105 100

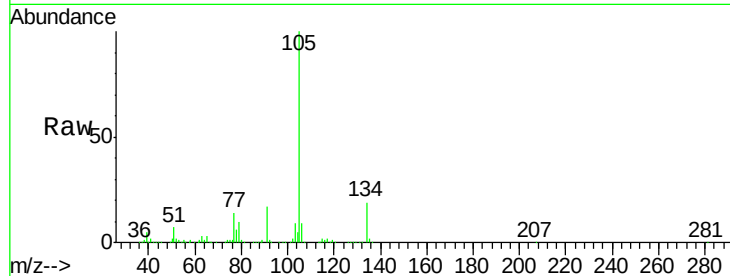
134 19.0 9.4 28.3

Manual Integrations

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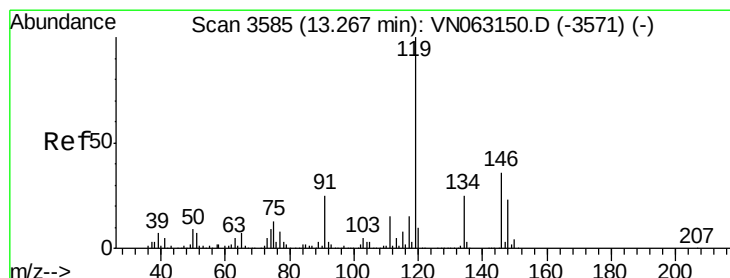
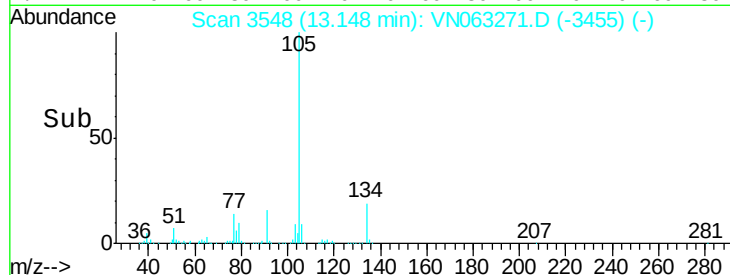
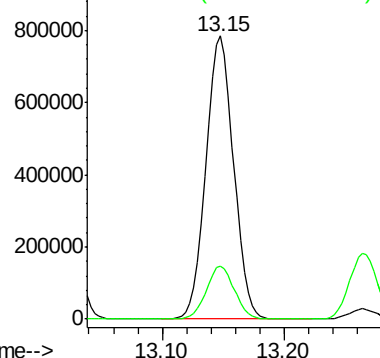
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.186 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

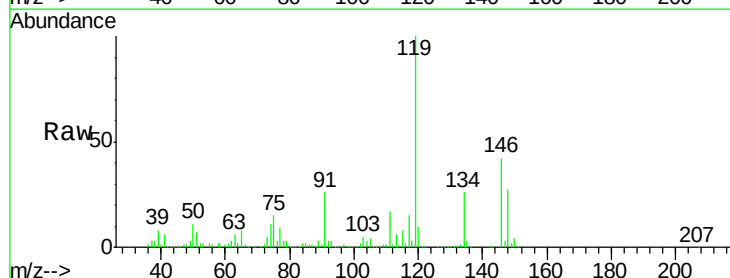
Tgt Ion:119 Resp: 1127863

Ion Ratio Lower Upper

119 100

134 25.6 12.4 37.4

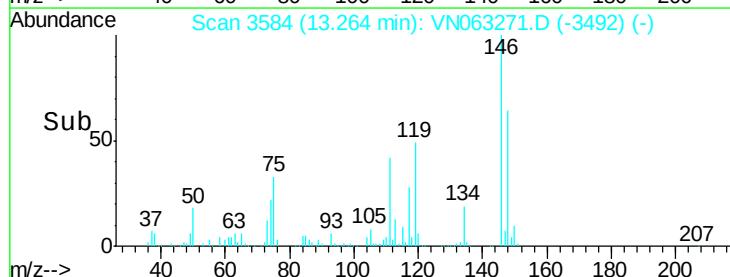
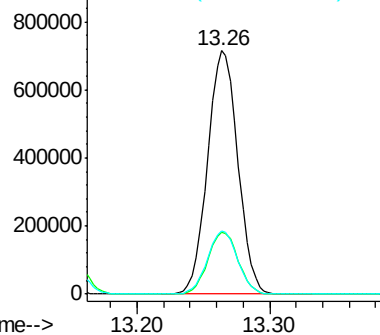
91 26.0 12.2 36.6

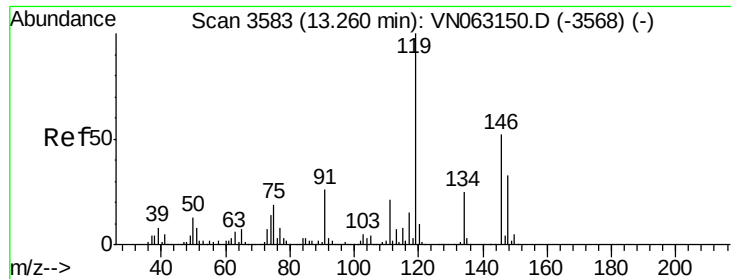


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.079 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

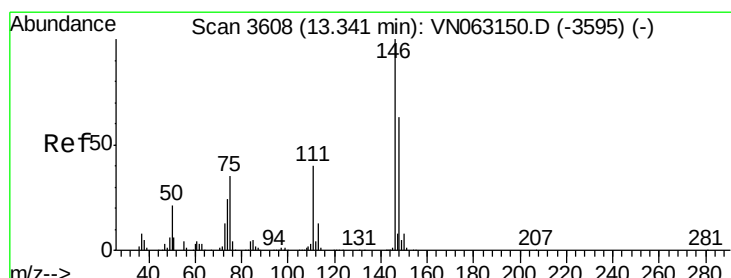
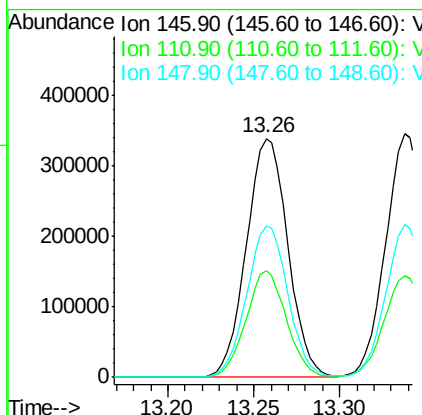
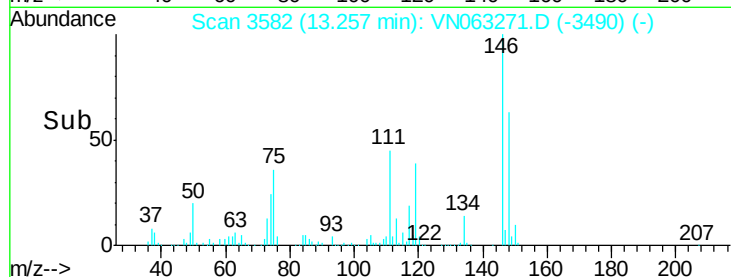
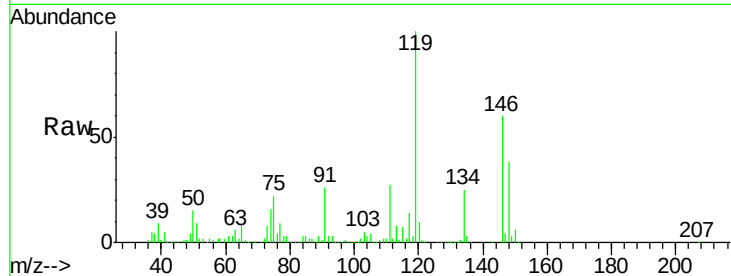
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	566124
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.3	63.7
148	62.8	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.408 ug/l

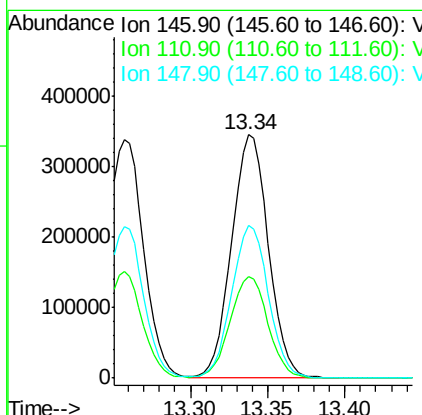
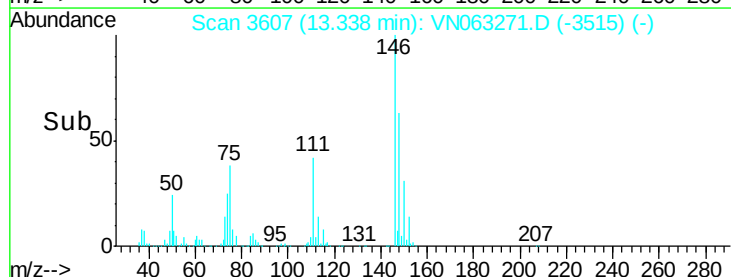
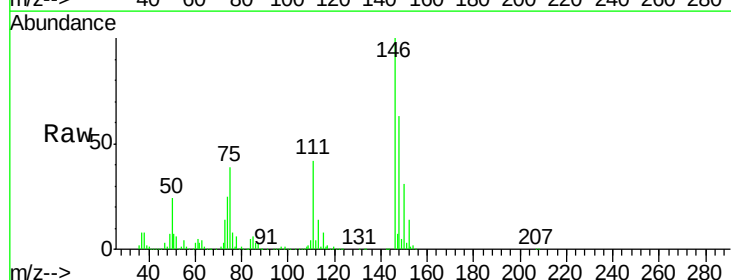
RT: 13.34 min Scan# 3607

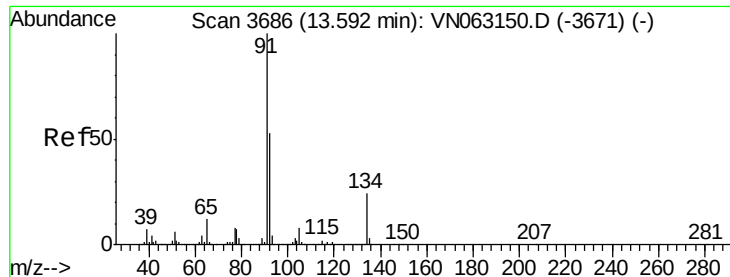
Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion:	146	Resp:	567024
Ion Ratio	Lower	Upper	
146	100		
111	43.3	20.5	61.5
148	62.6	31.9	95.7





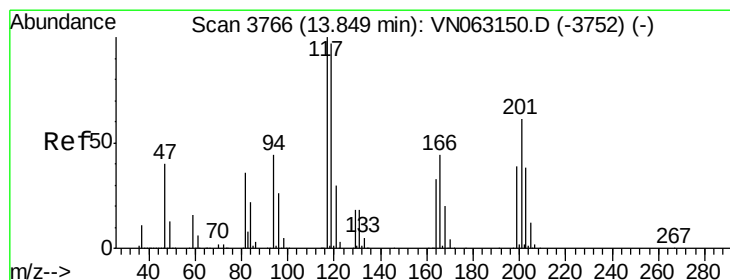
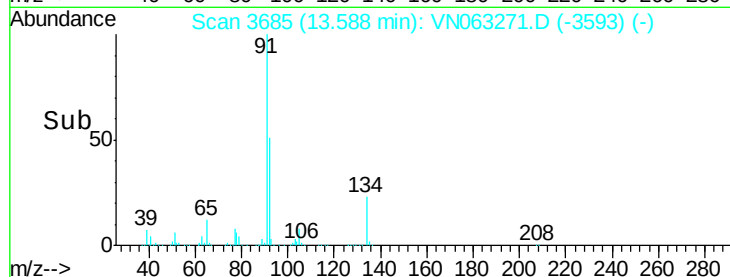
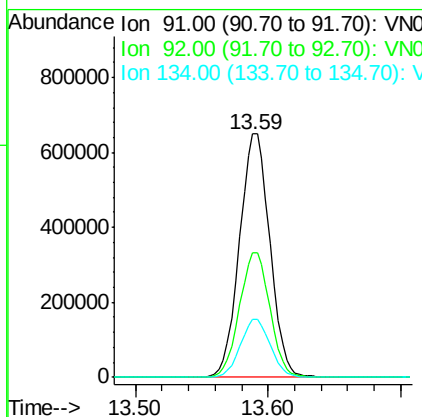
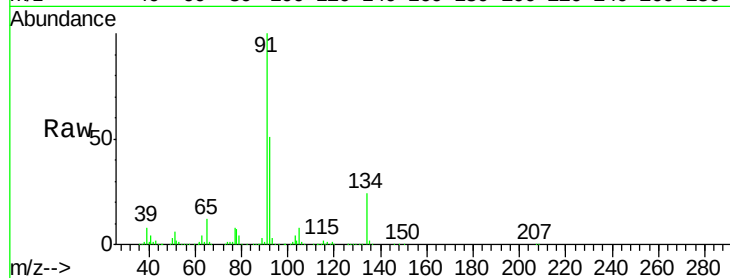
#89
n-Butylbenzene
Concen: 50.788 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.3	78.8
134	23.6	12.0	36.0

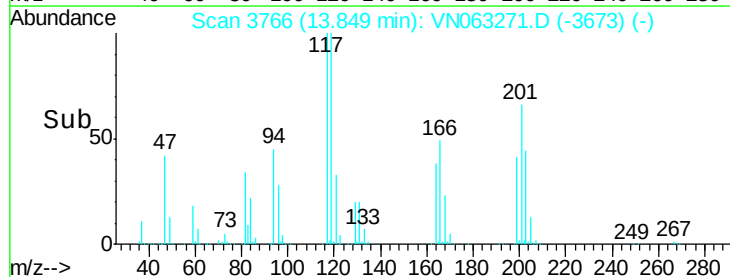
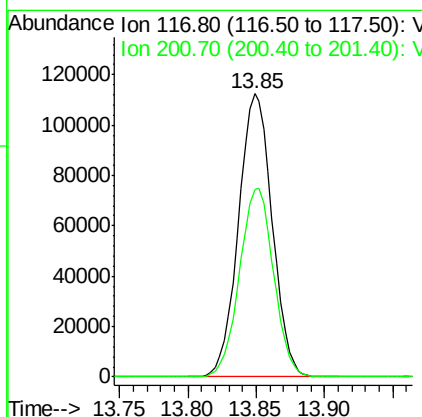
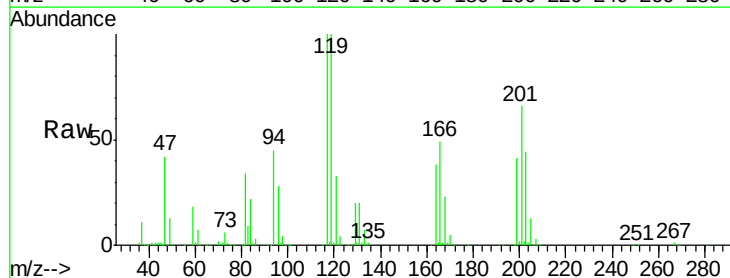
Manual Integrations
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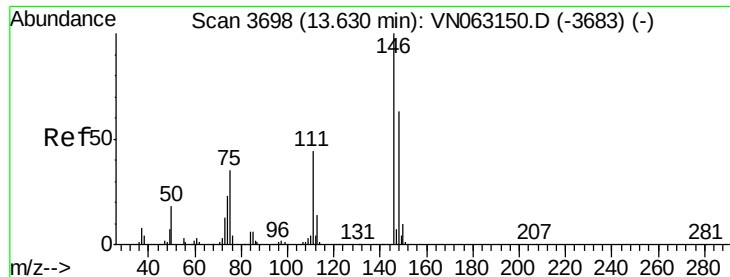
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#90
Hexachloroethane
Concen: 47.136 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	30.6	92.0





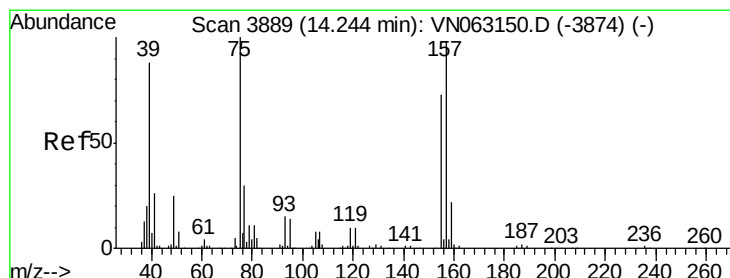
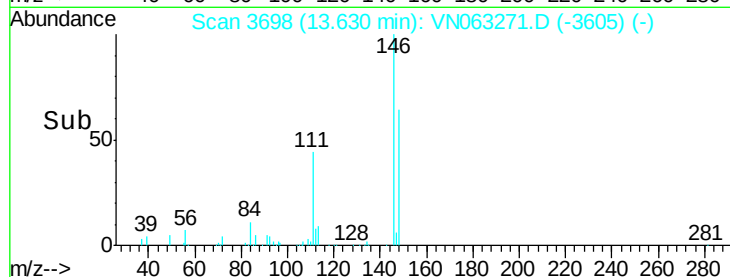
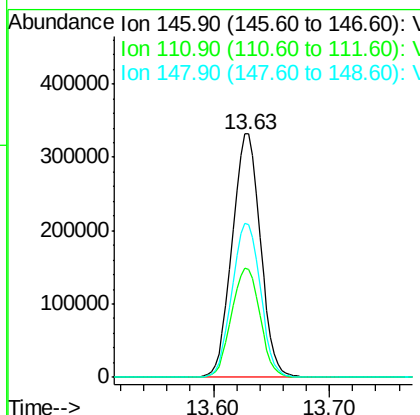
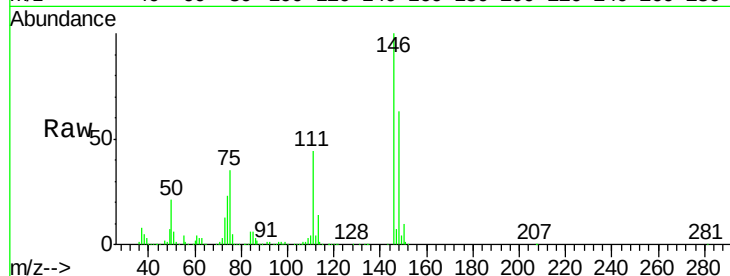
#91
 1,2-Dichlorobenzene
 Concen: 52.017 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.0	66.0
148	63.8	31.6	95.0

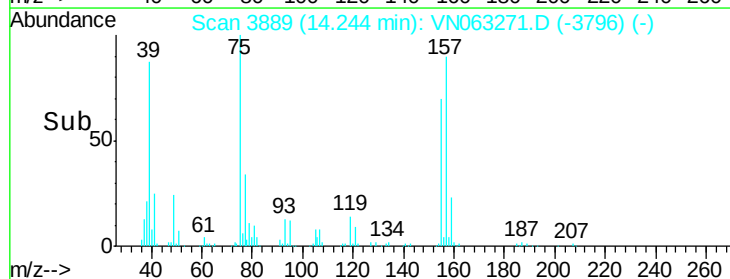
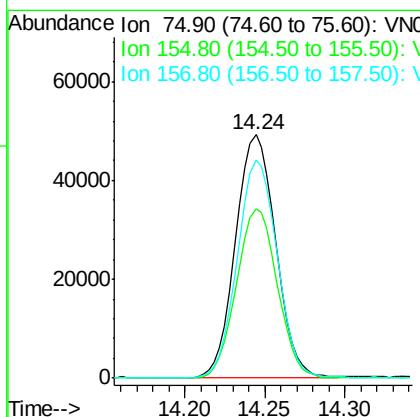
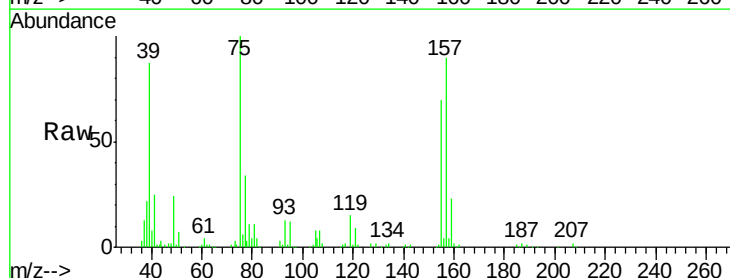
Manual Integrations
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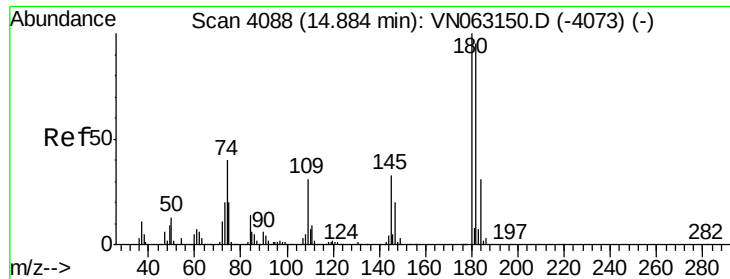
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.984 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.5	36.1	108.5
157	88.7	48.4	145.0





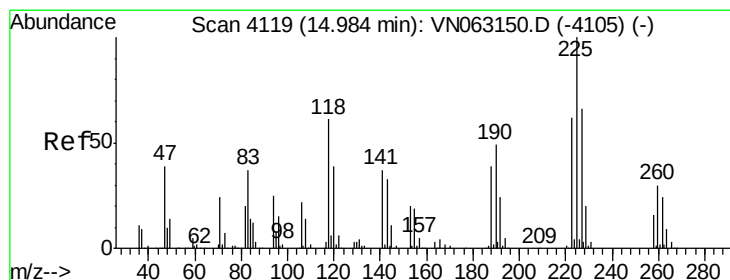
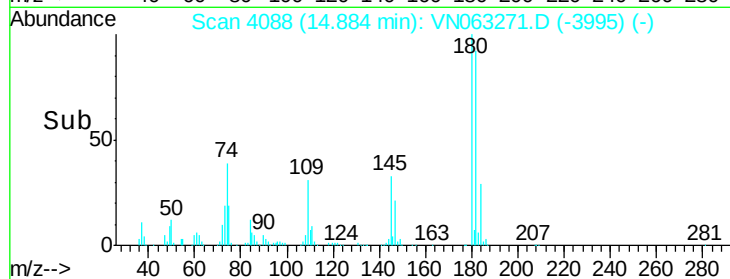
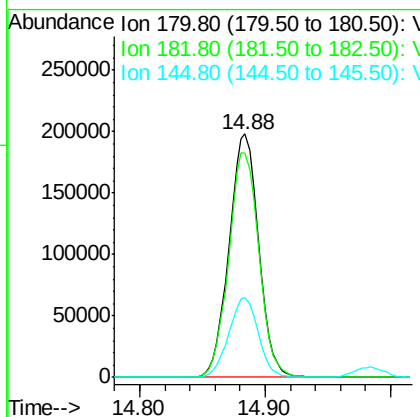
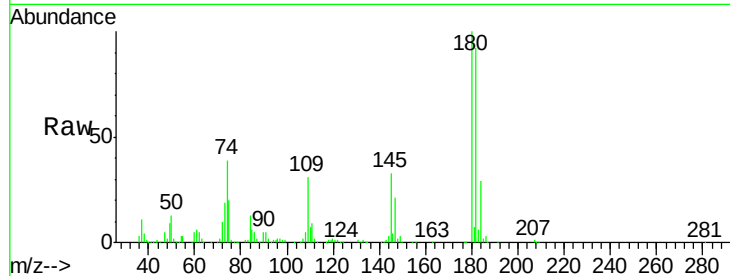
#93
 1,2,4-Trichlorobenzene
 Concen: 53.913 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.5	142.5	
145	32.8	16.6	49.8	

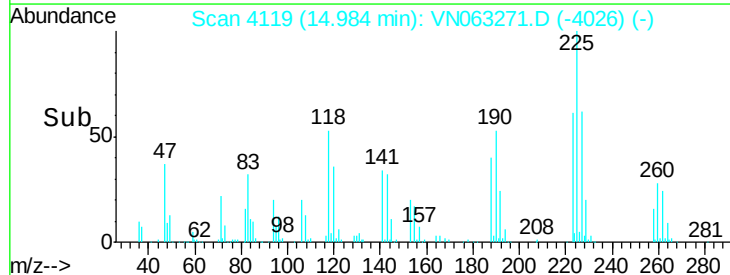
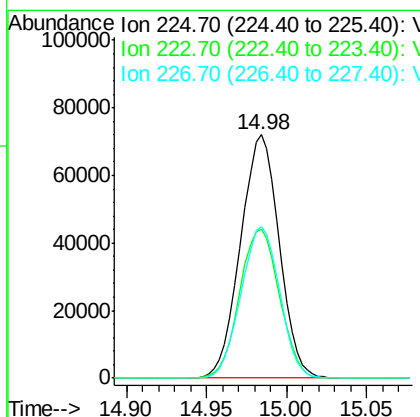
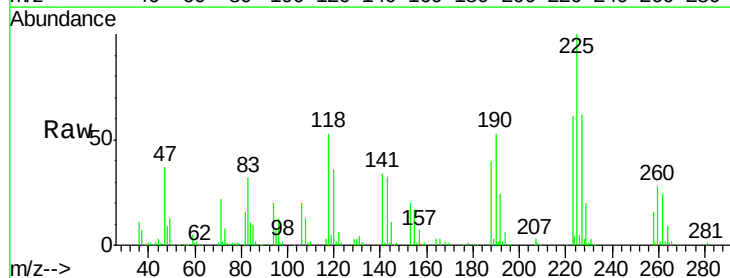
Manual Integrations
 APPROVED

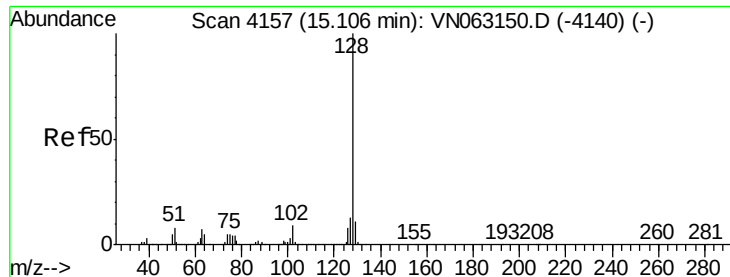
MMDadoda
 9/10/2020 4:04:13 PM



#94
 Hexachlorobutadiene
 Concen: 52.957 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	30.9	92.7	
227	62.2	32.9	98.7	





#95

Naphthalene

Concen: 47.497 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

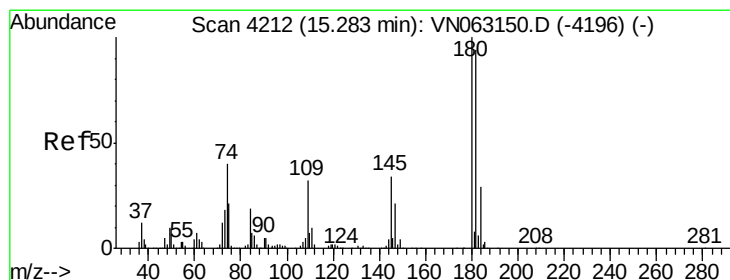
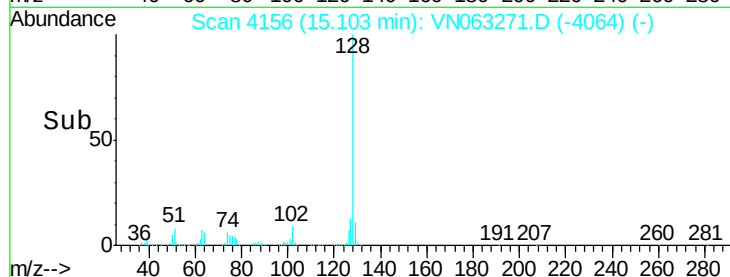
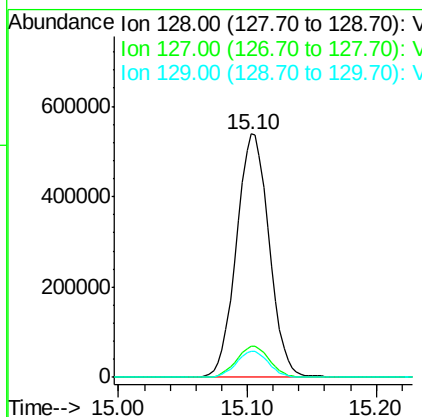
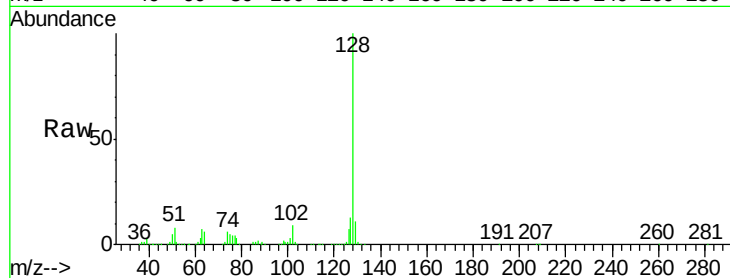
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	952210
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
9/10/2020 4:04:13 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.092 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion:	180	Resp:	299105
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.5	142.5
145	34.2	17.3	52.0

