

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063934.D
 Acq On : 7 Oct 2020 10:21
 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
 10/8/2020 10:08:32 AM

Quant Time: Oct 08 05:13:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	289025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217058	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	7.55	113	151013	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	570825	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.38	95	210712	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	139077	45.603	ug/l	100
3) Chloromethane	2.04	50	156833	43.828	ug/l	99
4) Vinyl Chloride	2.16	62	159583	44.428	ug/l	97
5) Bromomethane	2.53	94	93340	41.313	ug/l	99
6) Chloroethane	2.67	64	102389	47.703	ug/l	99
7) Trichlorofluoromethane	2.98	101	264103	46.360	ug/l	99
8) Diethyl Ether	3.37	74	88409	45.888	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143810	47.230	ug/l	97
10) Methyl Iodide	3.91	142	167088	47.261	ug/l	100
11) Tert butyl alcohol	4.73	59	129200	245.085	ug/l	100
12) 1,1-Dichloroethene	3.70	96	132413	45.496	ug/l	99
13) Acrolein	3.57	56	69383	214.447	ug/l	97
14) Allyl chloride	4.28	41	266435	49.276	ug/l	92
15) Acrylonitrile	4.93	53	379353	251.398	ug/l	98
16) Acetone	3.77	43	375191	255.255	ug/l	95
17) Carbon Disulfide	4.01	76	353168	44.968	ug/l	100
18) Methyl Acetate	4.28	43	198975	52.137	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	502499	47.523	ug/l	100
20) Methylene Chloride	4.50	84	163648	48.610	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	147442	45.228	ug/l	97
22) Diisopropyl ether	5.90	45	583767	52.475	ug/l	97
23) Vinyl Acetate	5.84	43	2354460	255.499	ug/l	99
24) 1,1-Dichloroethane	5.80	63	305442	48.020	ug/l	98
25) 2-Butanone	6.78	43	557743	267.643	ug/l	98
26) 2,2-Dichloropropane	6.78	77	273790	47.003	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	176133	46.978	ug/l	97
28) Bromochloromethane	7.15	49	152066	48.370	ug/l	99
29) Tetrahydrofuran	7.16	42	367616	263.022	ug/l	96
30) Chloroform	7.33	83	323309	48.748	ug/l	96
31) Cyclohexane	7.61	56	249555	45.018	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	290506	48.563	ug/l	99
36) 1,1-Dichloropropene	7.75	75	227498	50.570	ug/l	99
37) Ethyl Acetate	6.88	43	231974	51.902	ug/l	98
38) Carbon Tetrachloride	7.73	117	256947	50.936	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	216307	48.216	ug/l	98
40) Benzene	8.00	78	649335	50.535	ug/l	99
41) Methacrylonitrile	7.13	41	96751m	48.706	ug/l	
42) 1,2-Dichloroethane	8.08	62	282129	51.437	ug/l	98
43) Isopropyl Acetate	8.13	43	398213	54.015	ug/l #	91
44) Trichloroethene	8.80	130	169218	50.262	ug/l	96
45) 1,2-Dichloropropane	9.08	63	182185	52.500	ug/l	99
46) Dibromomethane	9.17	93	120819	50.469	ug/l	100
47) Bromodichloromethane	9.37	83	257812	52.255	ug/l	100
48) Methyl methacrylate	9.16	41	202746	55.664	ug/l	92
49) 1,4-Dioxane	9.16	88	51199	989.054	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1224272	282.980	ug/l	99
52) Toluene	10.13	92	416845	52.448	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	278381	52.638	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	291646	52.729	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	169101	53.054	ug/l	98
56) Ethyl methacrylate	10.40	69	249225	55.164	ug/l	98
57) 1,3-Dichloropropane	10.68	76	281919	52.281	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	658361	272.425	ug/l	99
59) 2-Hexanone	10.72	43	891794	277.482	ug/l	100
60) Dibromochloromethane	10.87	129	194589	52.423	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174487	53.517	ug/l	100
64) Tetrachloroethene	10.60	164	158716	48.971	ug/l	99
65) Chlorobenzene	11.41	112	441573	51.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	175868	53.383	ug/l	100
67) Ethyl Benzene	11.48	91	823447	52.661	ug/l	98
68) m/p-Xylenes	11.60	106	612794	105.151	ug/l	99
69) o-Xylene	11.92	106	287945	52.863	ug/l	99
70) Styrene	11.94	104	510309	55.191	ug/l	98
71) Bromoform	12.10	173	133632	53.037	ug/l #	99
73) Isopropylbenzene	12.22	105	782658	51.048	ug/l	99
74) N-amyl acetate	12.05	43	353989	49.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	241474	51.506	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	226329m	48.845	ug/l	
77) Bromobenzene	12.50	156	194132	51.603	ug/l	99
78) n-propylbenzene	12.57	91	911216	51.068	ug/l	100
79) 2-Chlorotoluene	12.65	91	565254	51.509	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	668966	52.009	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	83013	51.599	ug/l	98
82) 4-Chlorotoluene	12.75	91	596062	52.323	ug/l	100
83) tert-Butylbenzene	12.97	119	534766	50.827	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	668741	52.074	ug/l	98
85) sec-Butylbenzene	13.15	105	698842	50.571	ug/l	100
86) p-Isopropyltoluene	13.26	119	638997	52.269	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	347666	51.082	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	348672	49.202	ug/l	99
89) n-Butylbenzene	13.59	91	555330	49.217	ug/l	99
90) Hexachloroethane	13.85	117	118378	49.971	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	348986	51.769	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52530	47.777	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165918	45.428	ug/l	98
94) Hexachlorobutadiene	14.98	225	98920	54.115	ug/l	97
95) Naphthalene	15.10	128	479016	42.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	160766	45.369	ug/l	99

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

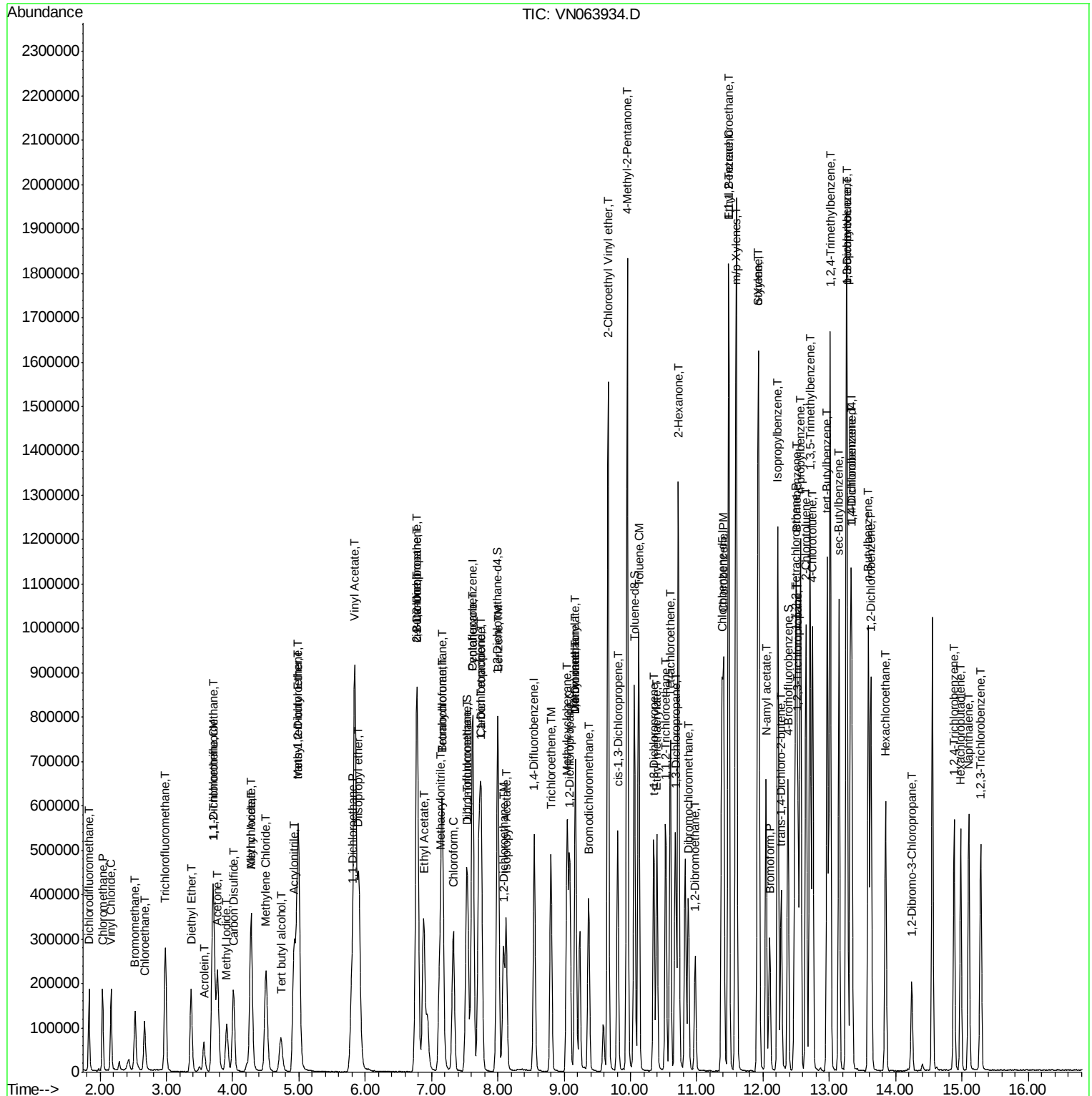
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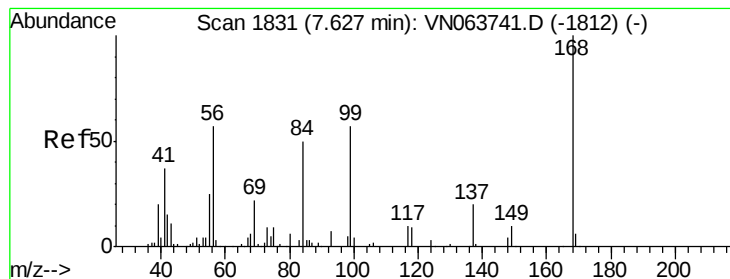
Instrument :
 MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 289025

Ion Ratio Lower Upper

168 100

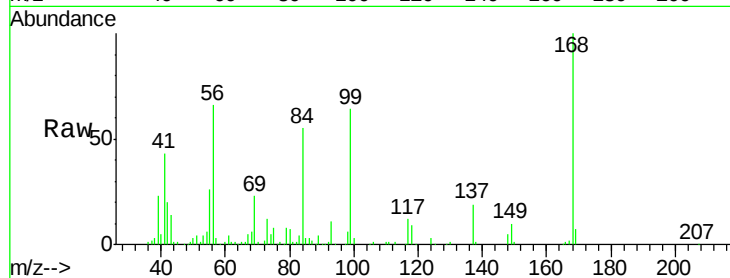
99 64.1 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

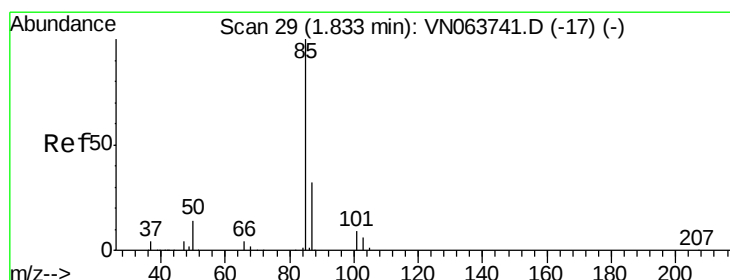
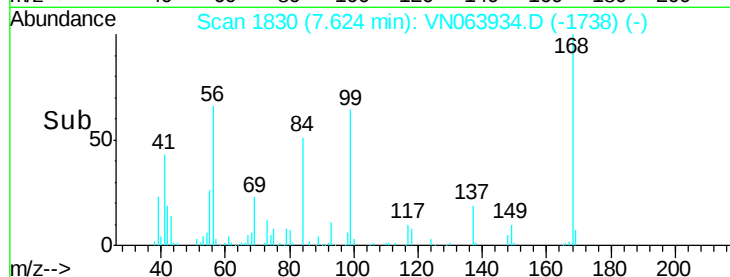
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.603 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063934.D

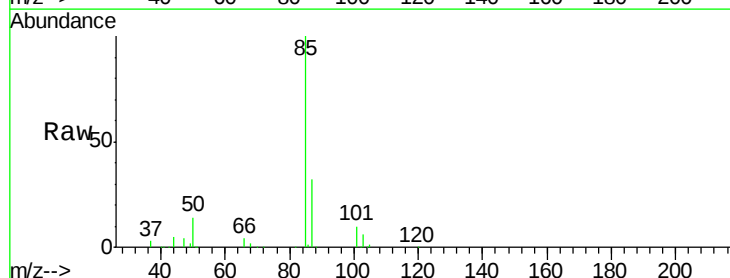
Acq: 7 Oct 2020 10:21

Tgt Ion: 85 Resp: 139077

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

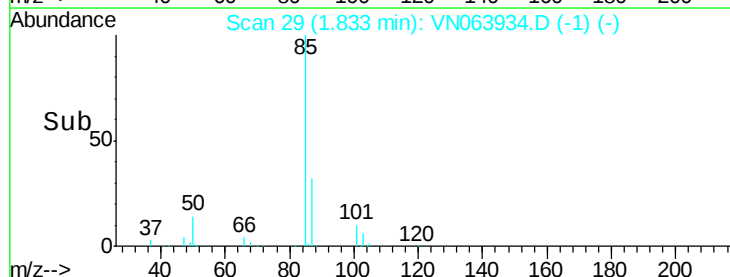
60000

40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 43.828 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 156833

Ion Ratio Lower Upper

50 100

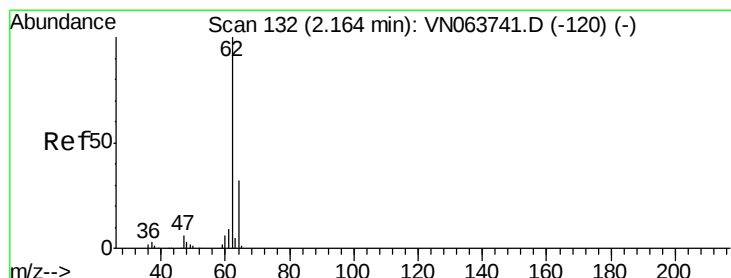
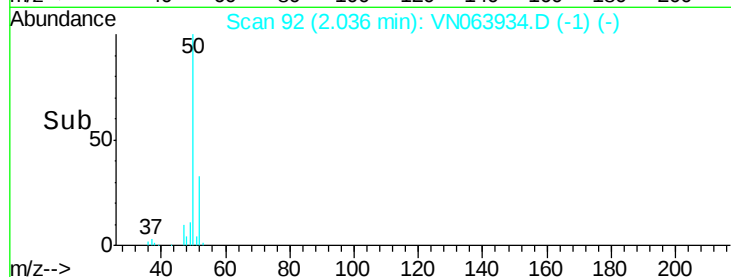
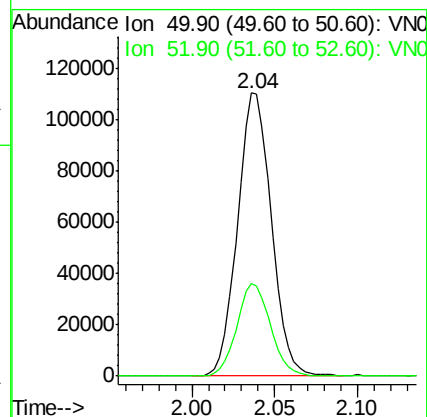
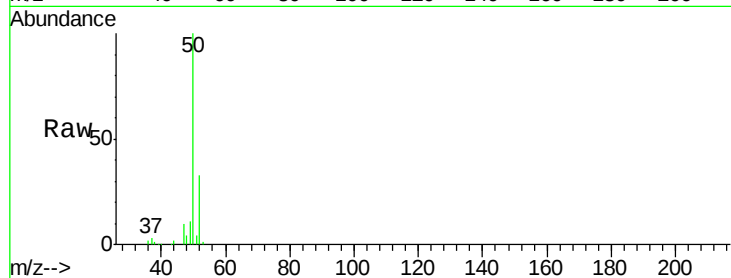
52 32.7 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.428 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063934.D

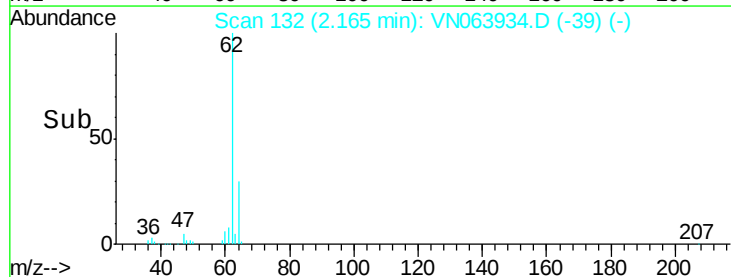
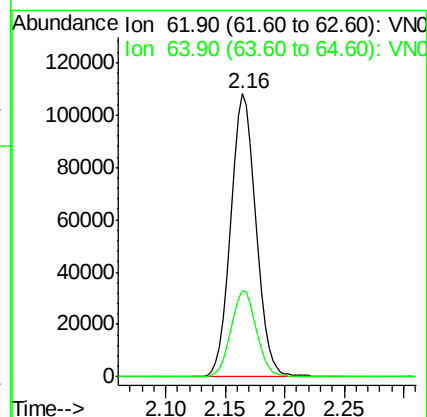
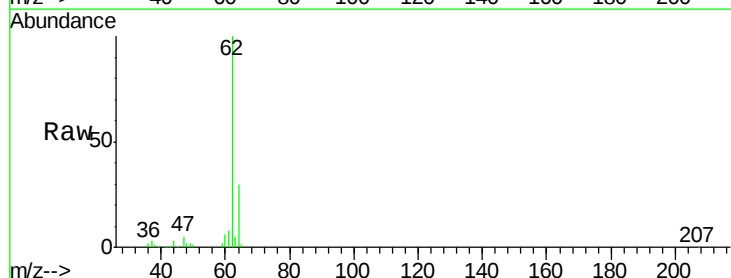
Acq: 7 Oct 2020 10:21

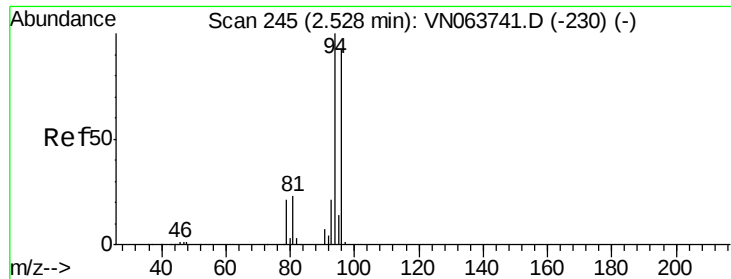
Tgt Ion: 62 Resp: 159583

Ion Ratio Lower Upper

62 100

64 30.5 25.6 38.4





#5

Bromomethane

Concen: 41.313 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 93340

Ion Ratio Lower Upper

94 100

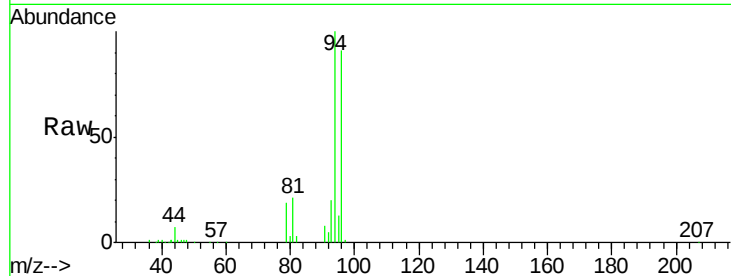
96 90.8 73.3 109.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

50000

40000

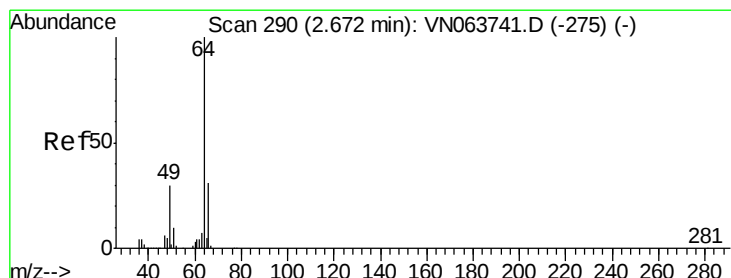
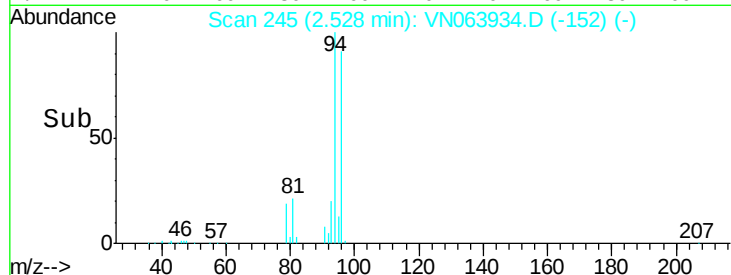
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 47.703 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063934.D

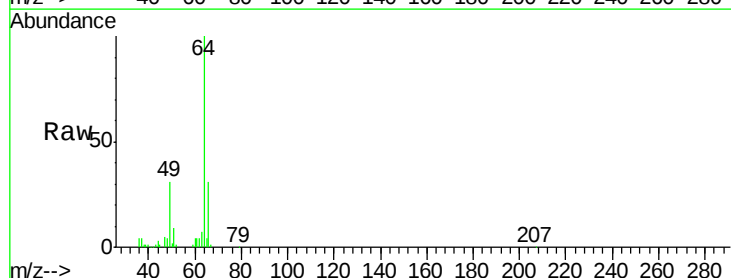
Acq: 7 Oct 2020 10:21

Tgt Ion: 64 Resp: 102389

Ion Ratio Lower Upper

64 100

66 30.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.67

60000

50000

40000

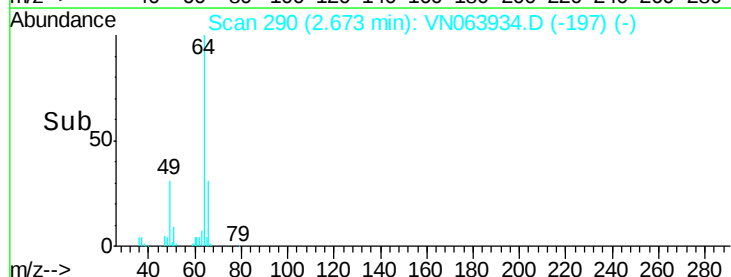
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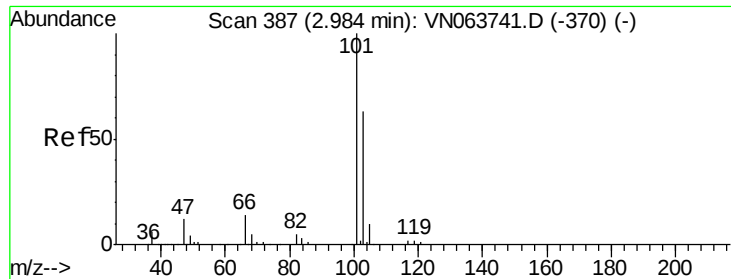
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10000

0

Time-->





#7

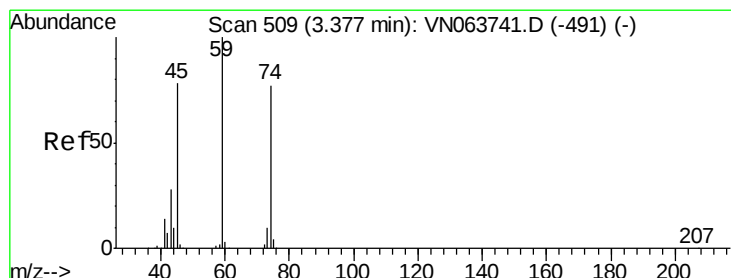
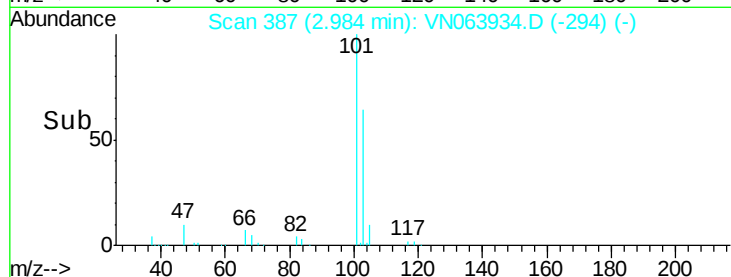
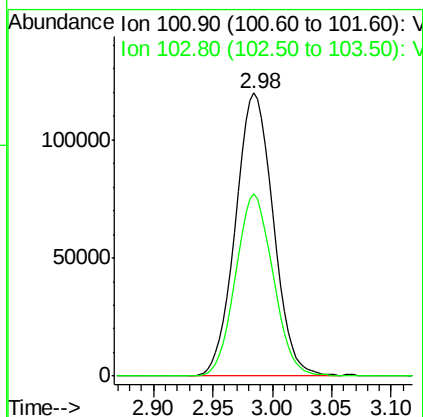
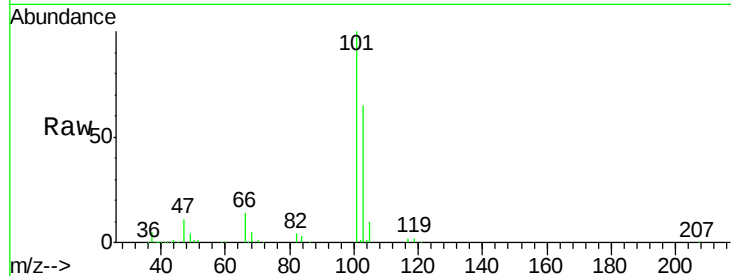
Trichlorofluoromethane
Concen: 46.360 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.7	76.1

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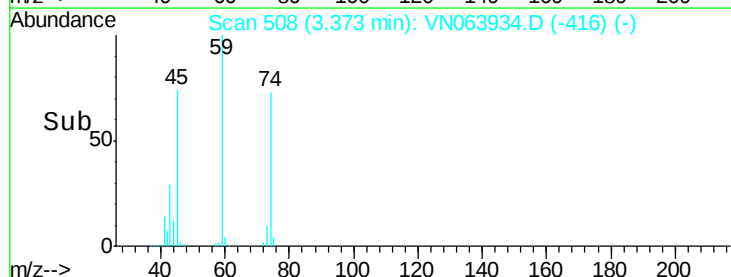
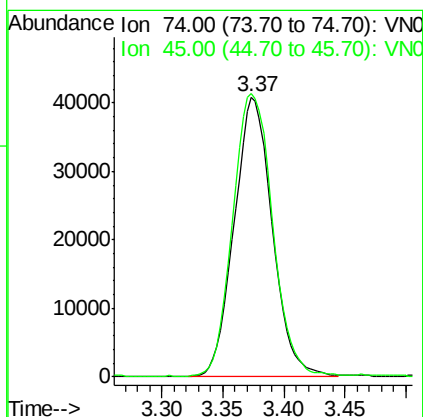
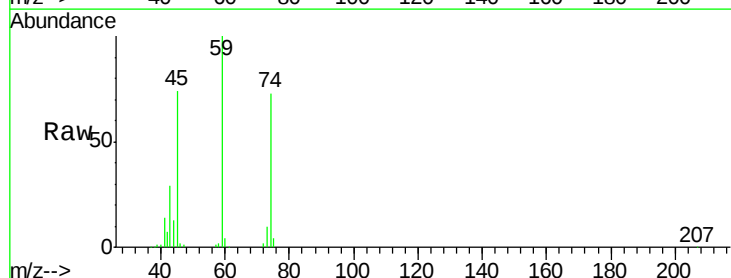
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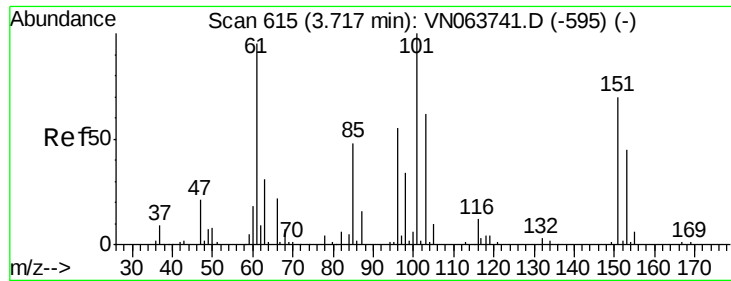


#8

Diethyl Ether
Concen: 45.888 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.4	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.230 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063934.D

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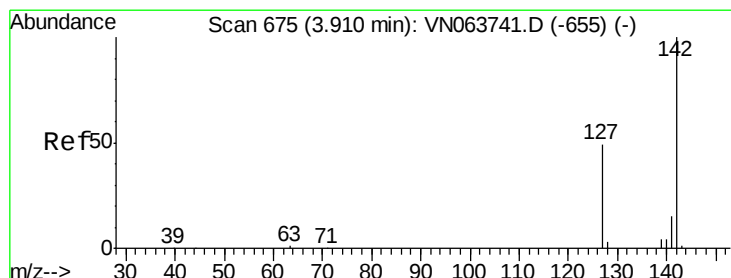
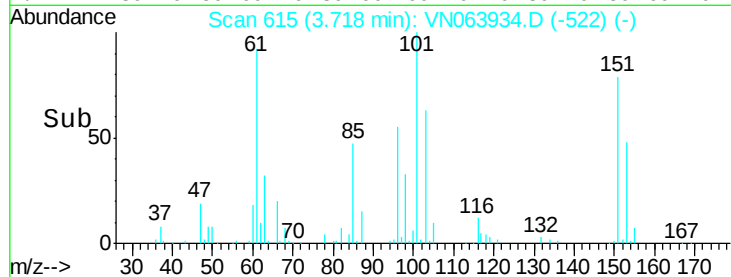
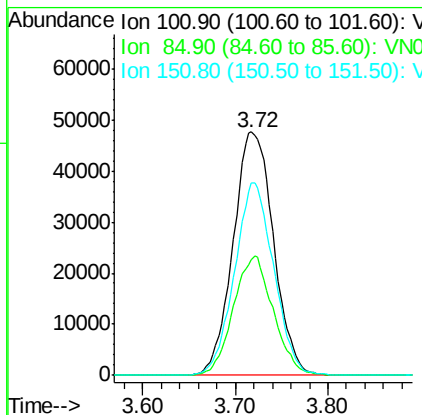
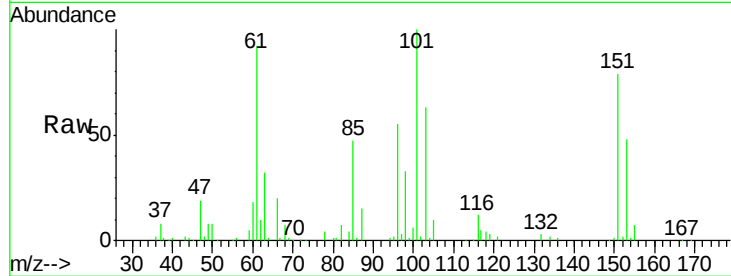
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	143810
Ion Ratio	Lower	Upper	
101	100		
85	48.4	38.6	58.0
151	76.9	58.7	88.1

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#10

Methyl Iodide

Concen: 47.261 ug/l

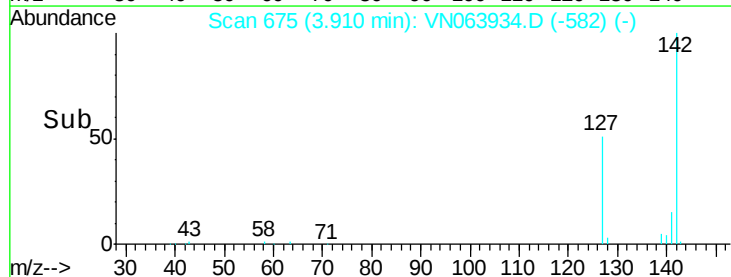
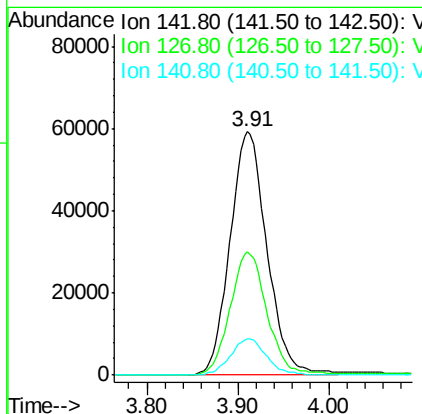
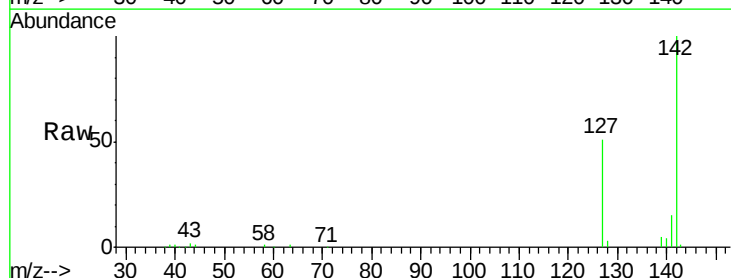
RT: 3.91 min Scan# 675

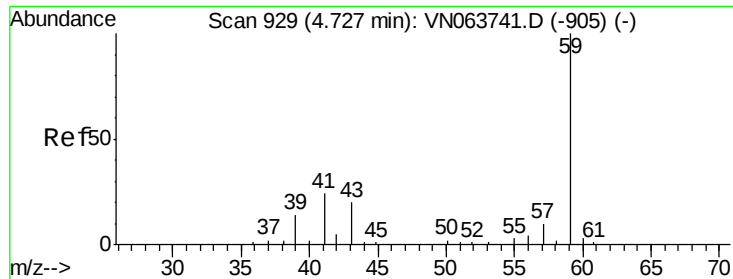
Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Tgt Ion:	142	Resp:	167088
Ion Ratio	Lower	Upper	
142	100		
127	50.6	40.5	60.7
141	14.5	11.7	17.5





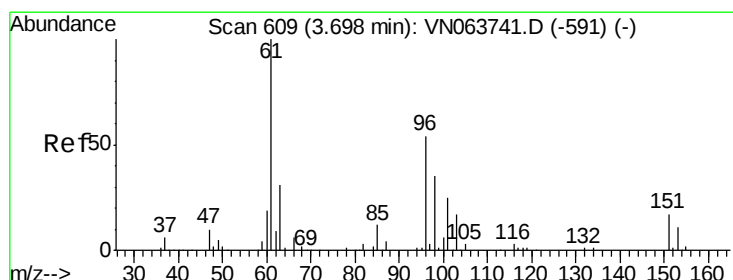
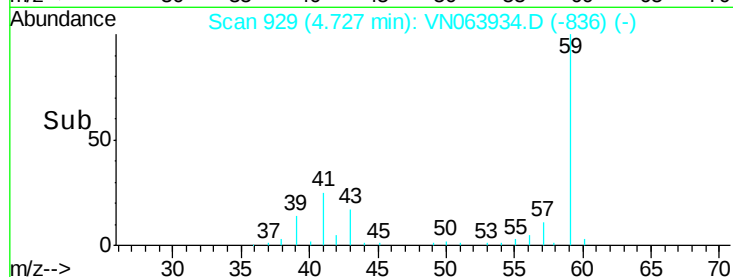
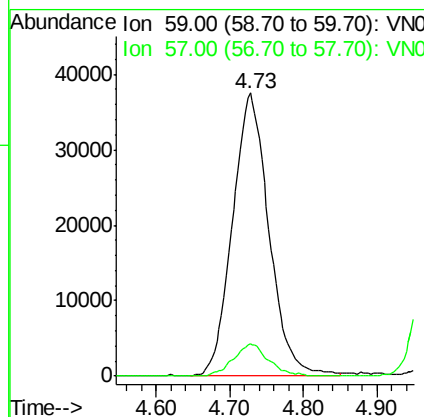
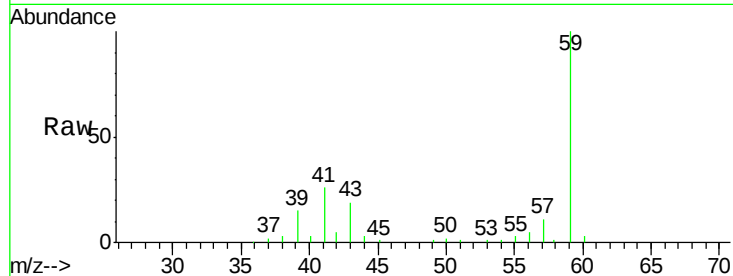
#11
Tert butyl alcohol
Concen: 245.085 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 129200
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

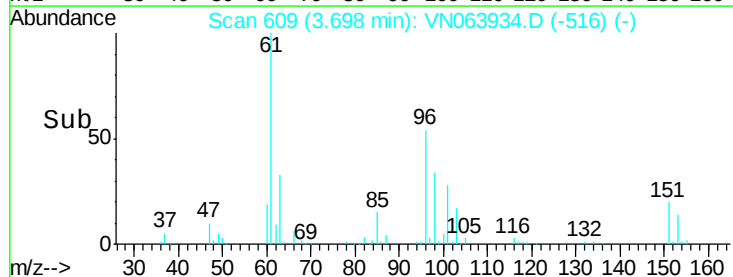
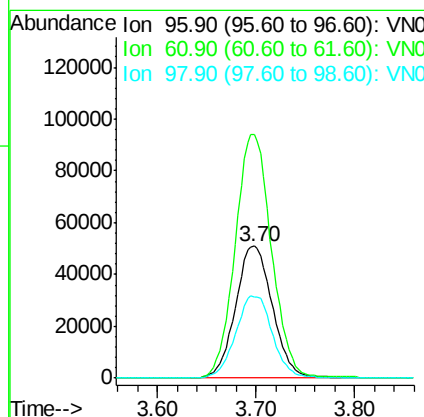
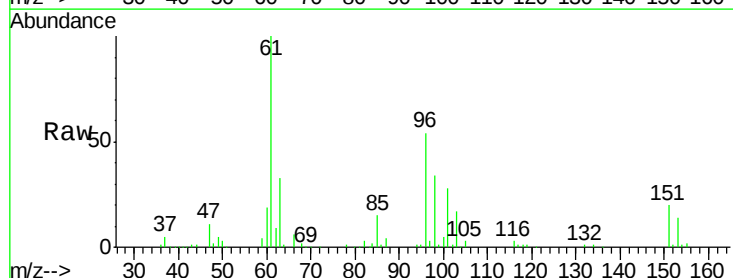
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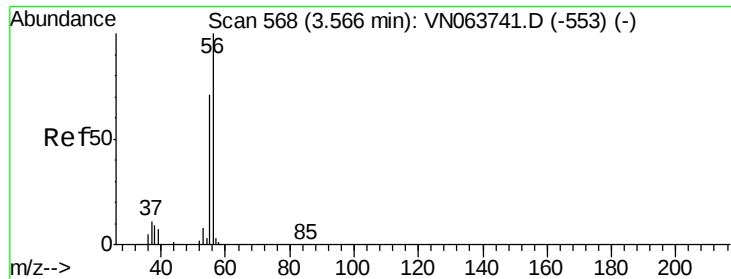
MMDadoda
10/8/2020 10:08:32 AM



#12
1,1-Dichloroethene
Concen: 45.496 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 96 Resp: 132413
Ion Ratio Lower Upper
96 100
61 184.6 147.7 221.5
98 61.9 51.9 77.9





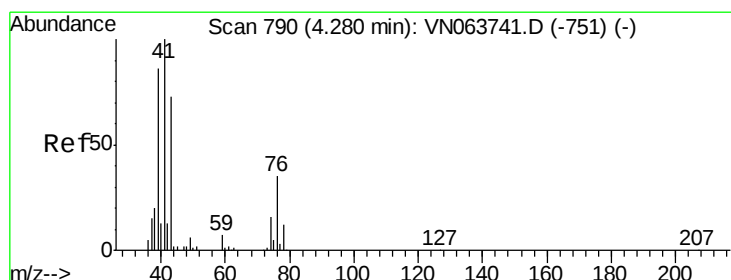
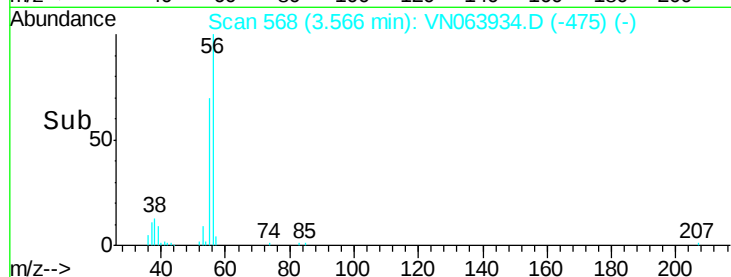
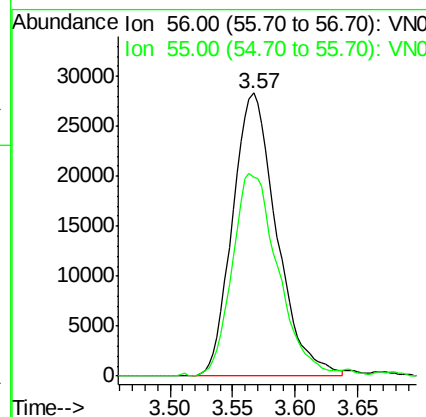
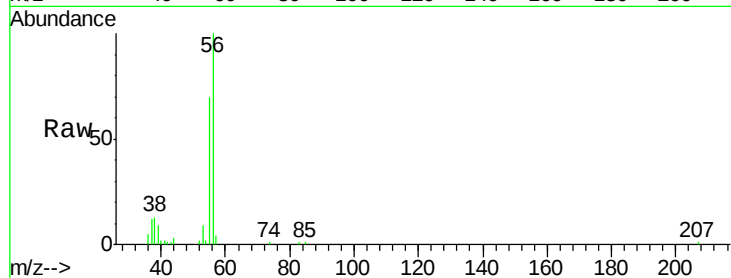
#13
Acrolein
Concen: 214.447 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	69383
Ion Ratio	100	Lower	Upper
56	100		
55	73.7	56.9	85.3

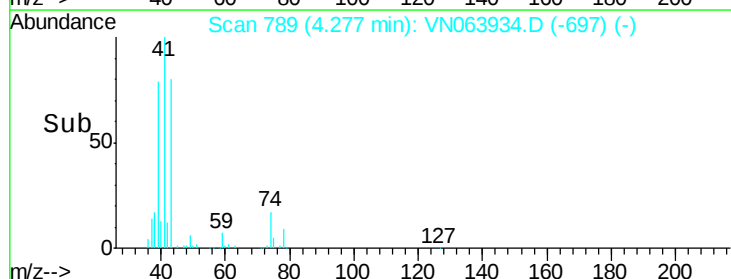
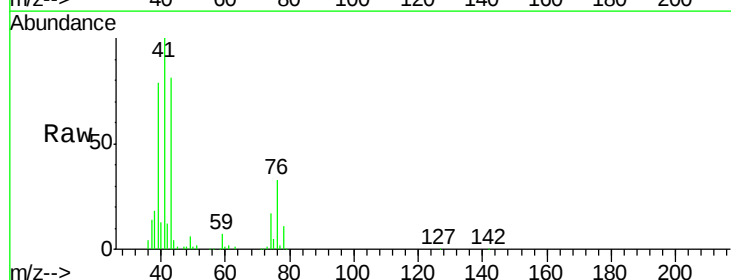
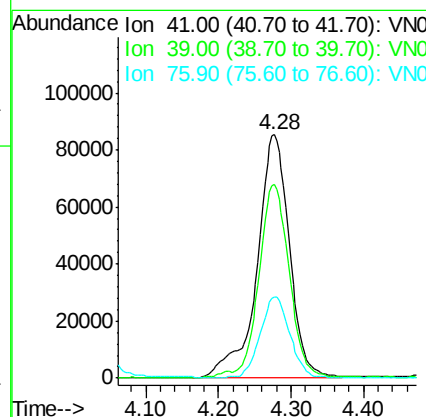
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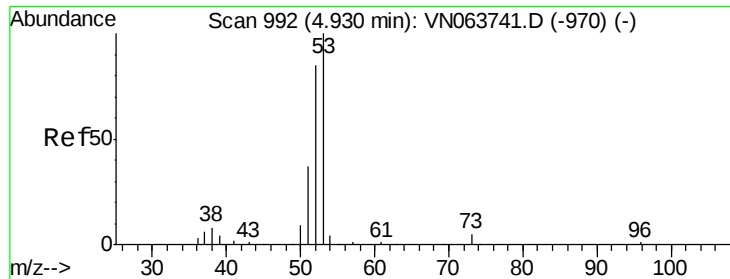
MMDadoda
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#14
Allyl chloride
Concen: 49.276 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	41	Resp	266435
Ion Ratio	100	Lower	Upper
41	100		
39	72.2	64.5	96.7
76	29.8	25.9	38.9





#15

Acrylonitrile

Concen: 251.398 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

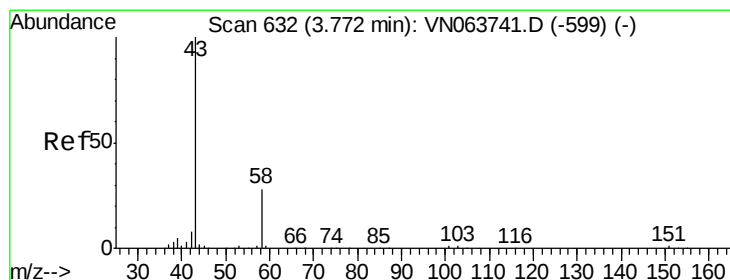
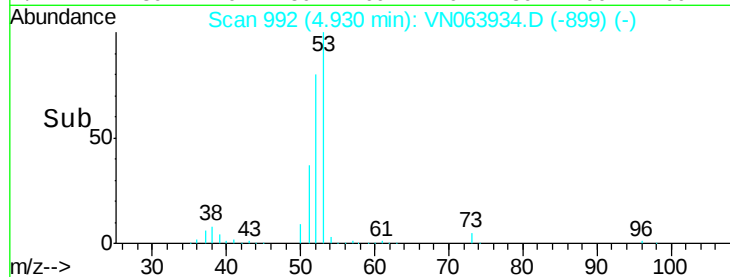
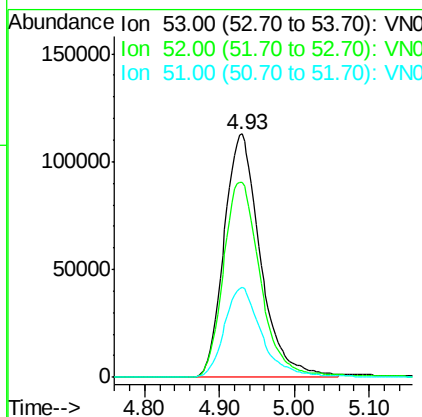
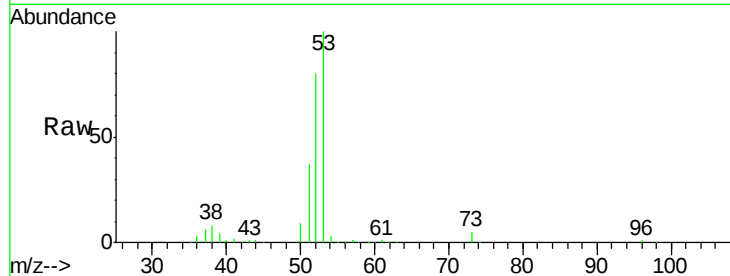
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	379353
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.5	99.7
51	37.9	29.9	44.9

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#16

Acetone

Concen: 255.255 ug/l

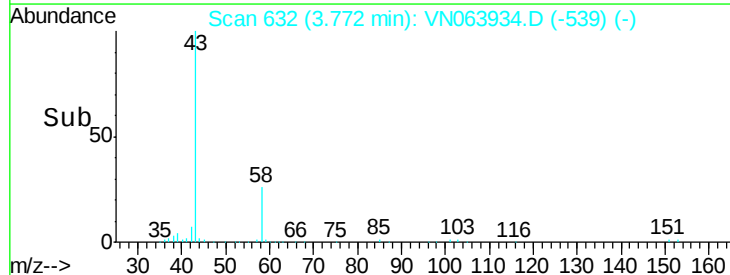
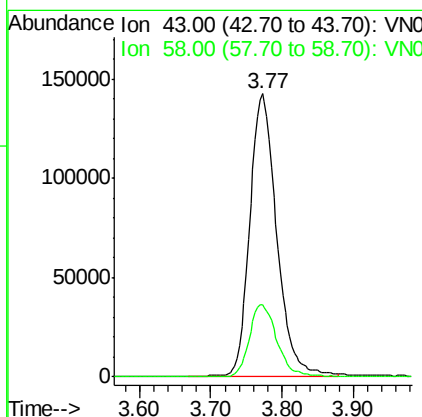
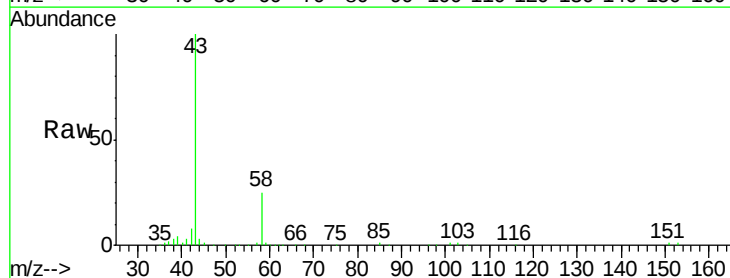
RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Tgt Ion:	43	Resp:	375191
Ion	Ratio	Lower	Upper
43	100		
58	25.5	22.3	33.5





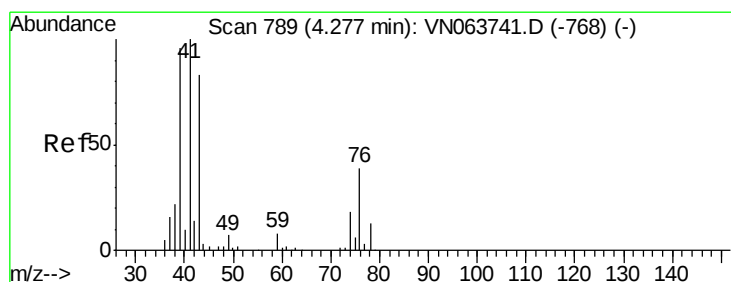
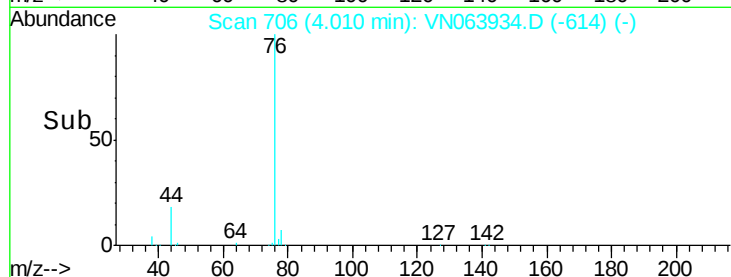
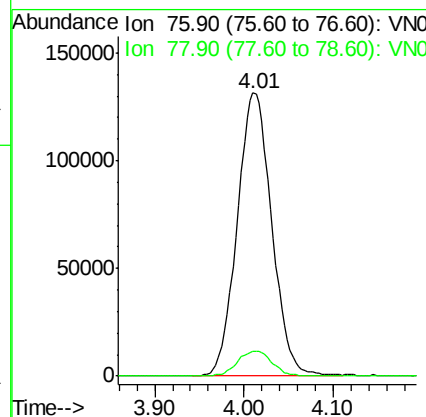
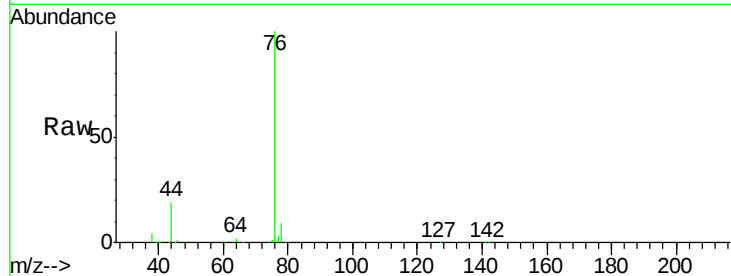
#17
Carbon Disulfide
Concen: 44.968 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 353168
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

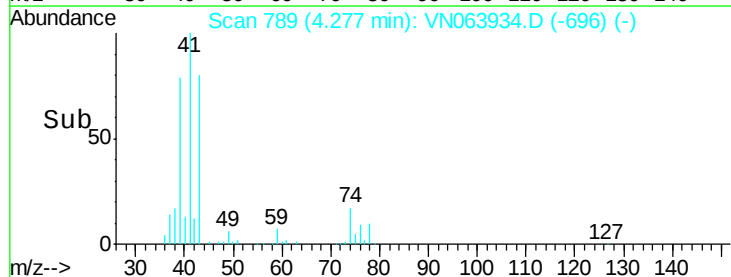
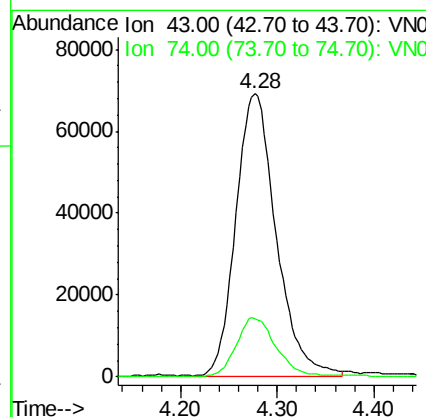
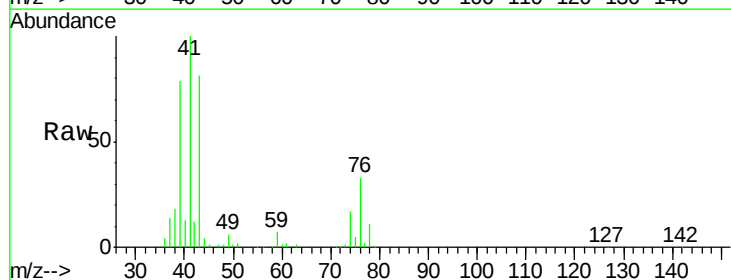
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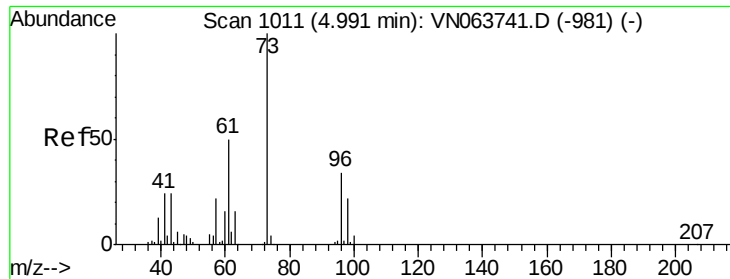
MMDadoda
10/8/2020 10:08:32 AM



#18
Methyl Acetate
Concen: 52.137 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 43 Resp: 198975
Ion Ratio Lower Upper
43 100
74 20.7 17.4 26.2





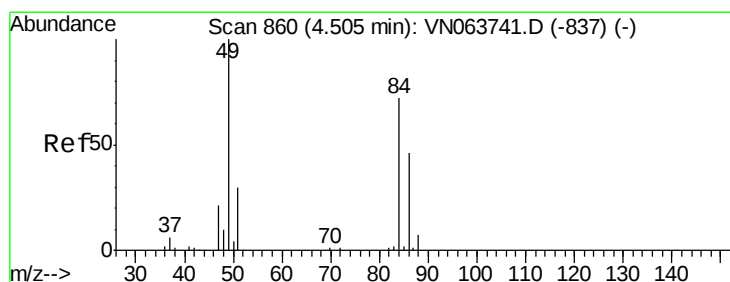
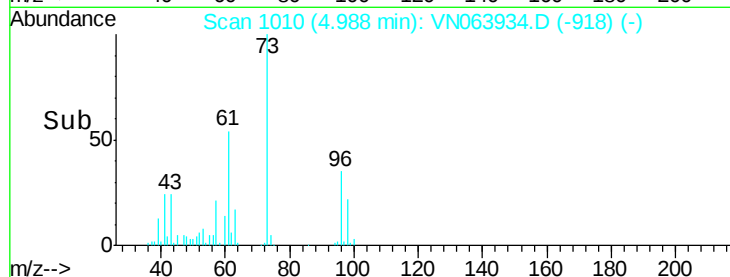
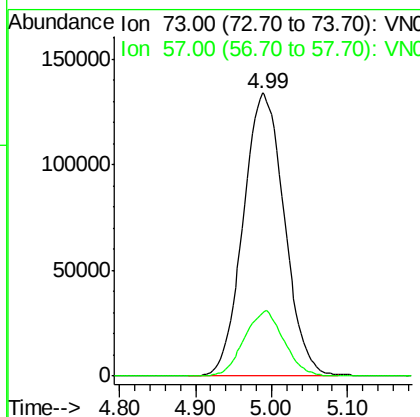
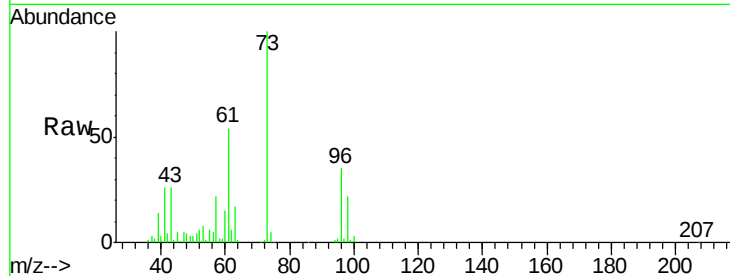
#19
Methvl tert-butvl Ether
Concen: 47.523 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 502499
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

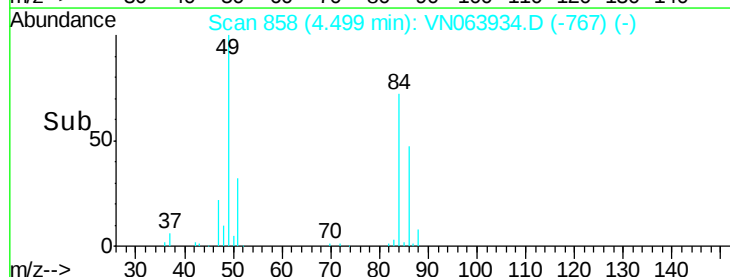
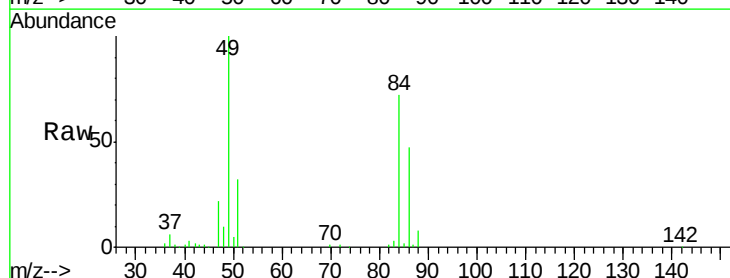
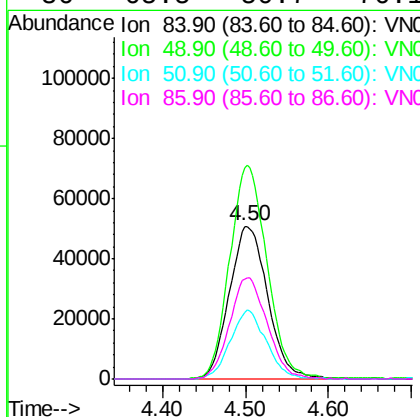
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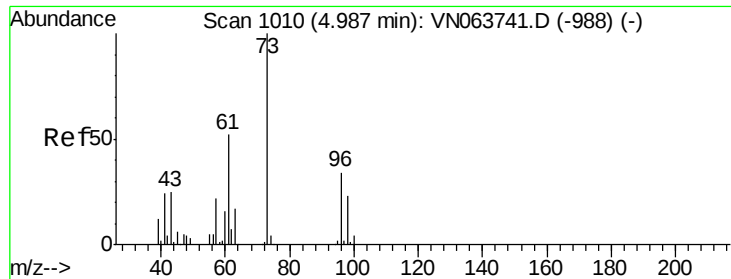
MMDadoda
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#20
Methylene Chloride
Concen: 48.610 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 84 Resp: 163648
Ion Ratio Lower Upper
84 100
49 137.9 110.4 165.6
51 43.7 33.3 49.9
86 65.5 50.7 76.1





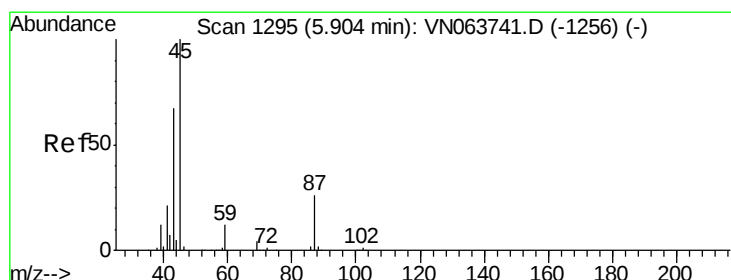
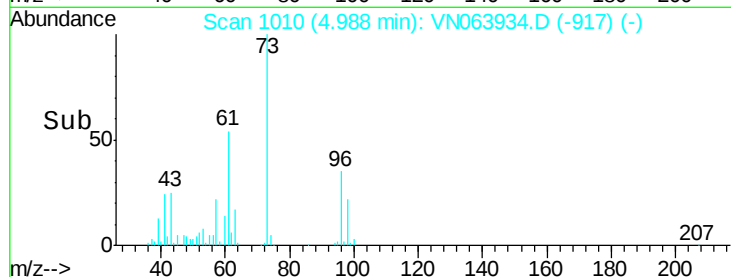
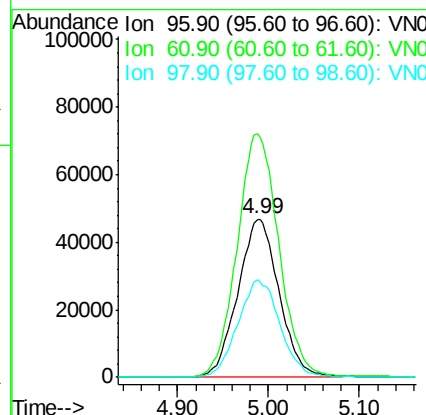
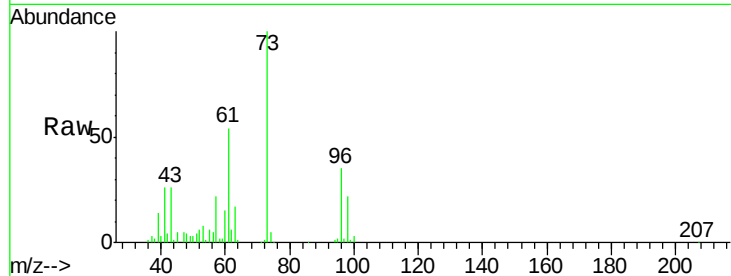
#21
trans-1,2-Dichloroethene
Concen: 45.228 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	120.2	180.2
98	61.6	52.6	79.0

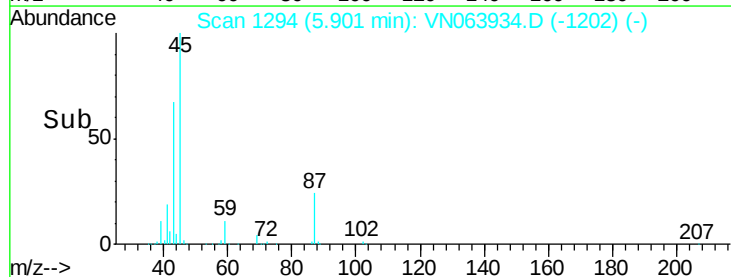
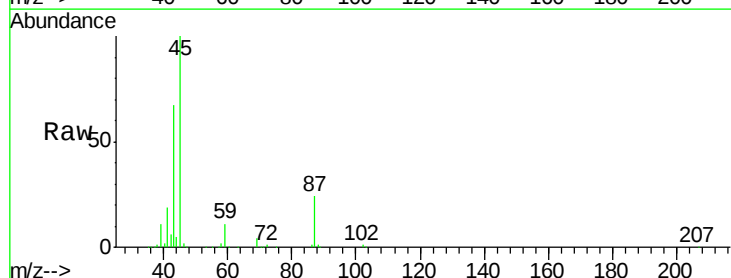
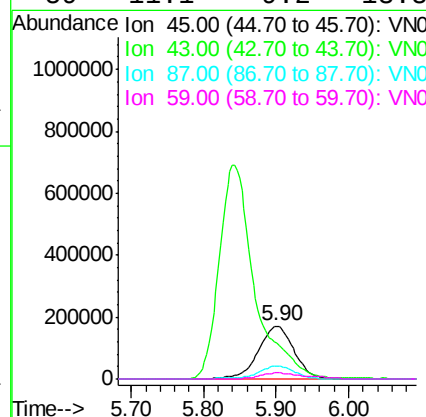
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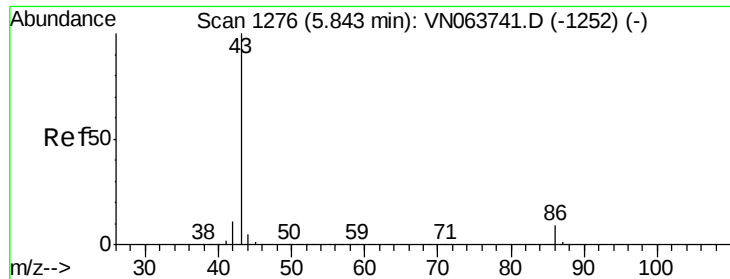
MMDadoda
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#22
Diisopropyl ether
Concen: 52.475 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.0	53.7	80.5
87	24.3	21.1	31.7
59	11.1	9.2	13.8





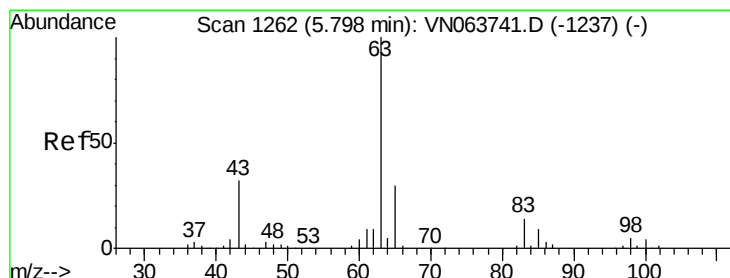
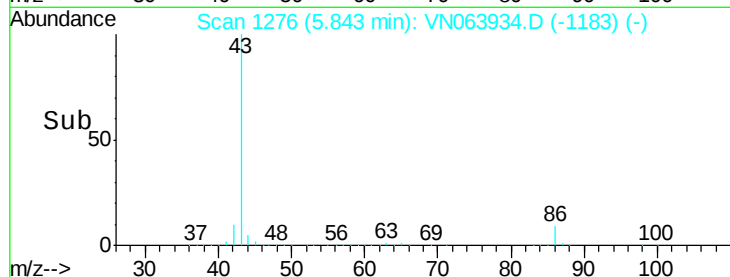
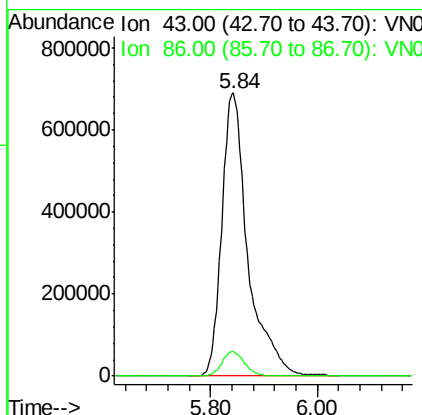
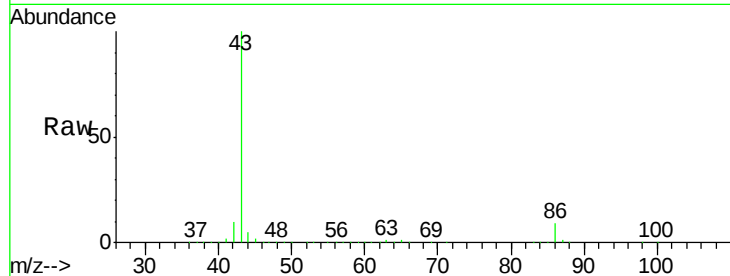
#23
 Vinyl Acetate
 Concen: 255.499 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2354460
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9

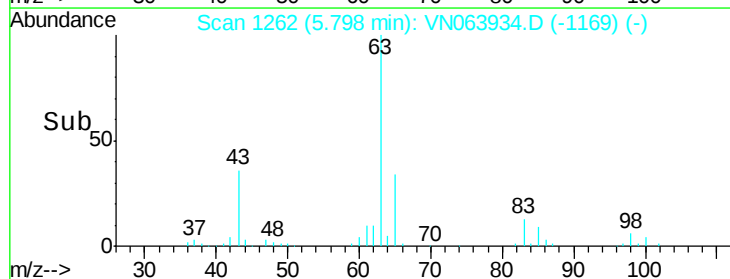
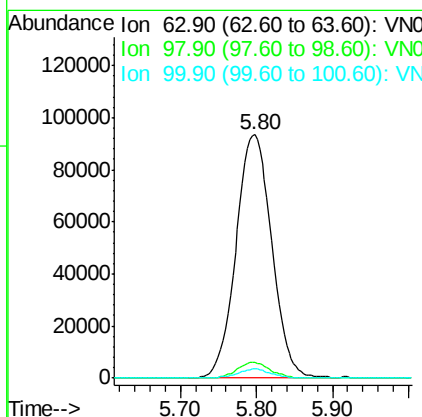
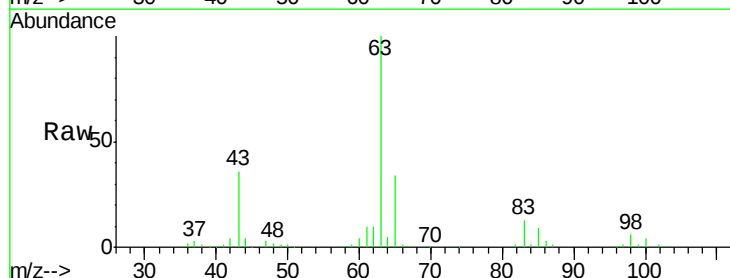
Manual Integrations
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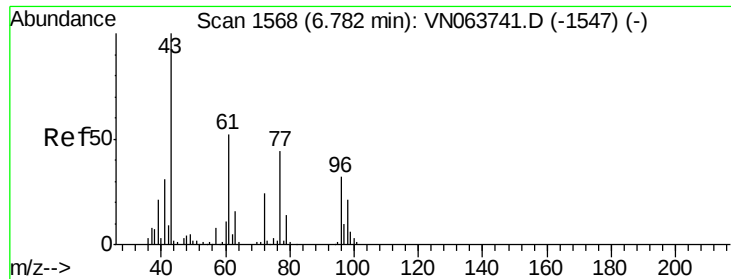
MMDadoda
 10/8/2020 10:08:32 AM



#24
 1,1-Dichloroethane
 Concen: 48.020 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 63 Resp: 305442
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.7 8.1
 100 3.9 1.9 5.7





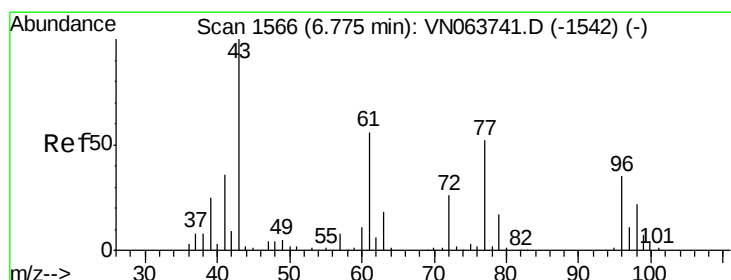
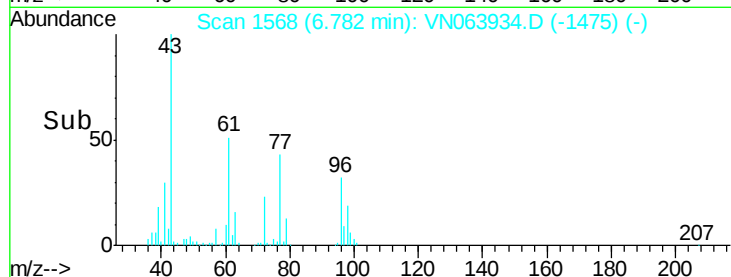
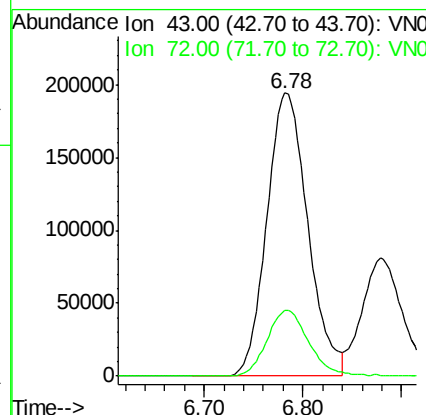
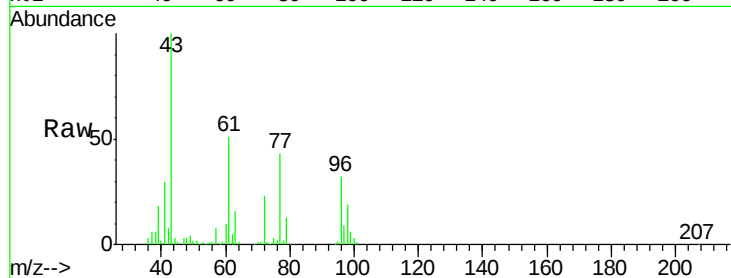
#25
2-Butanone
Concen: 267.643 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	557743
Ion Ratio	100	Lower	Upper
72	23.2	19.3	28.9

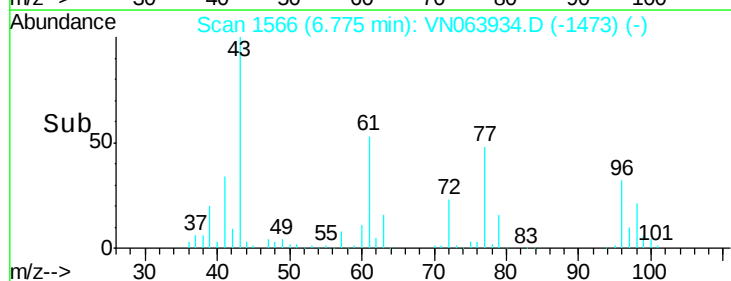
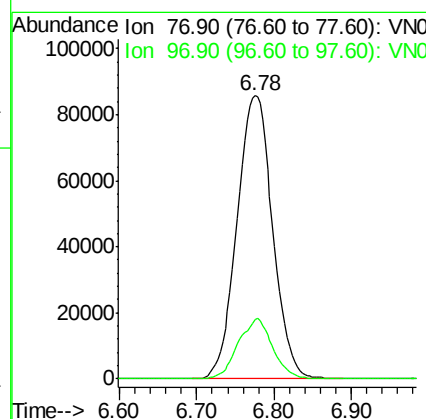
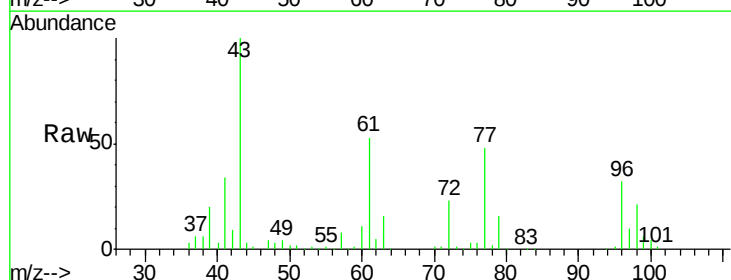
Manual Integrations
APPROVED

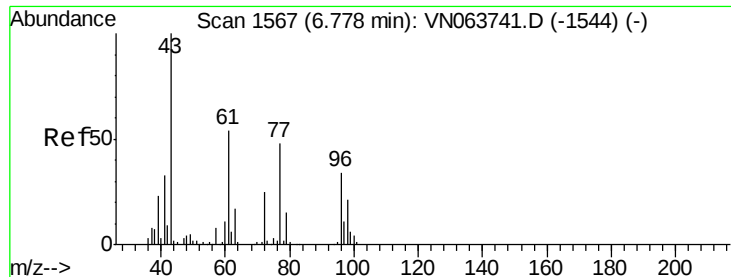
MMDadoda
10/8/2020 10:08:32 AM



#26
2,2-Dichloropropane
Concen: 47.003 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	77	Resp	273790
Ion Ratio	100	Lower	Upper
97	20.6	10.8	32.3





#27

cis-1,2-Dichloroethene

Concen: 46.978 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

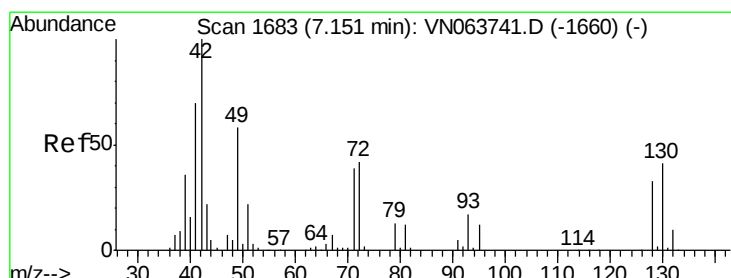
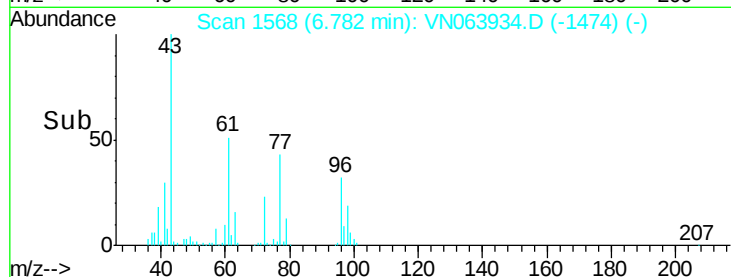
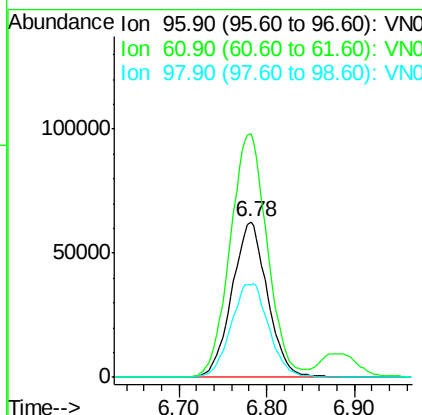
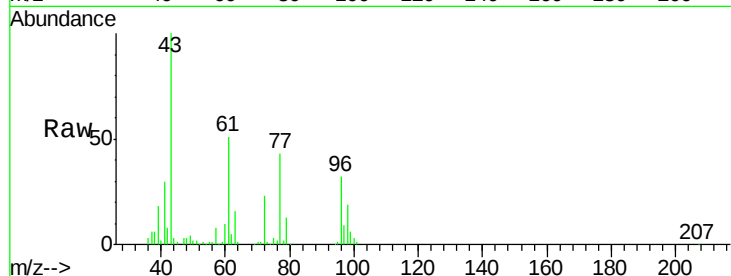
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	176133
Ion	Ratio	Lower	Upper
96	100		
61	164.1	0.0	321.2
98	64.0	0.0	124.4

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#28

Bromochloromethane

Concen: 48.370 ug/l

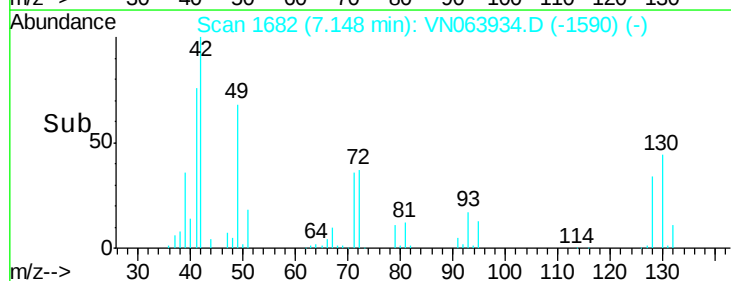
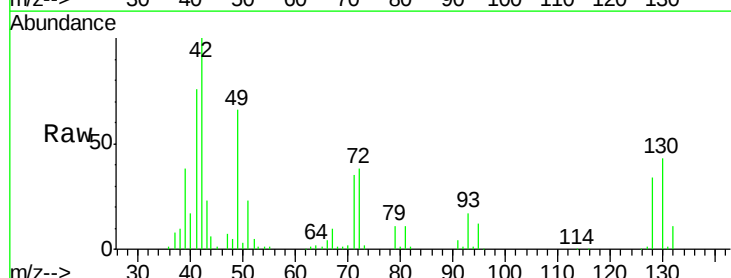
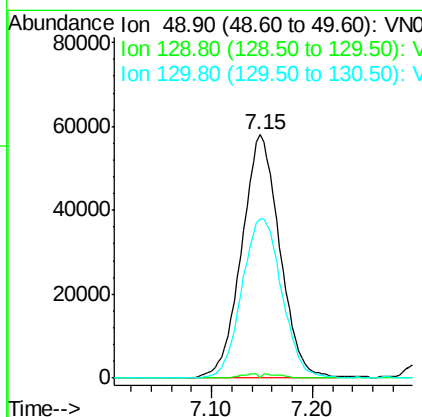
RT: 7.15 min Scan# 1682

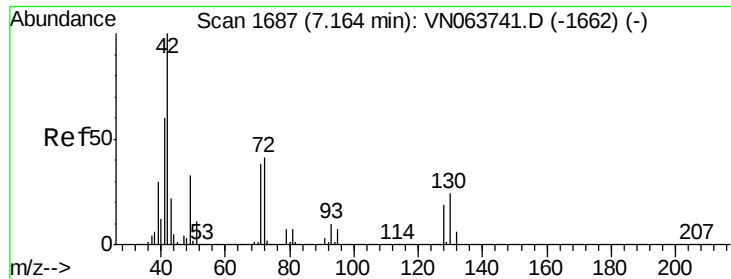
Delta R.T. -0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Tgt Ion:	49	Resp:	152066
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.8
130	68.4	55.6	83.4





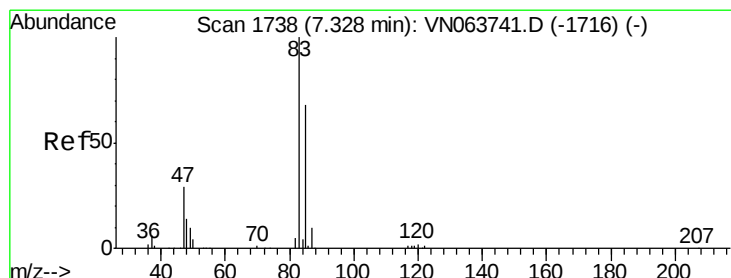
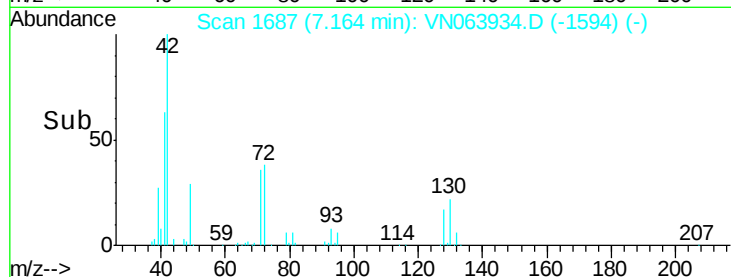
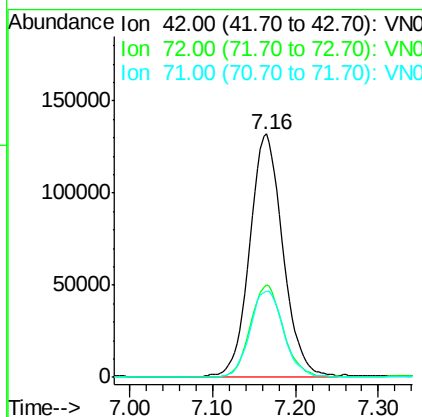
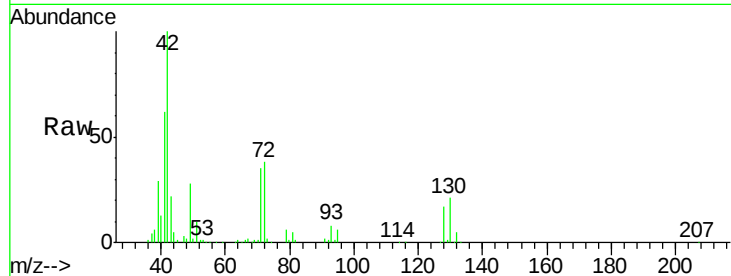
#29
Tetrahydrofuran
Concen: 263.022 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	32.8	49.2
71	36.2	30.6	45.8

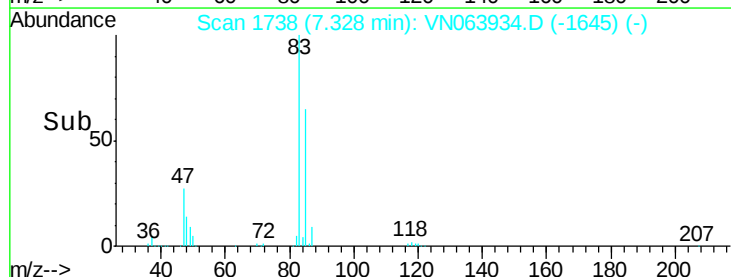
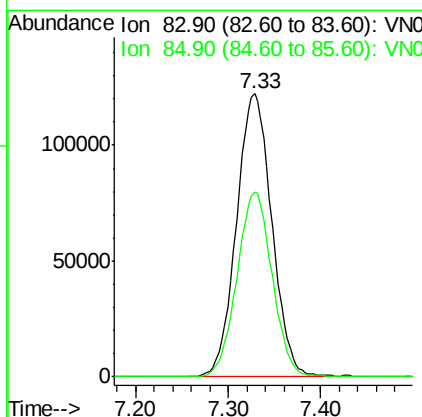
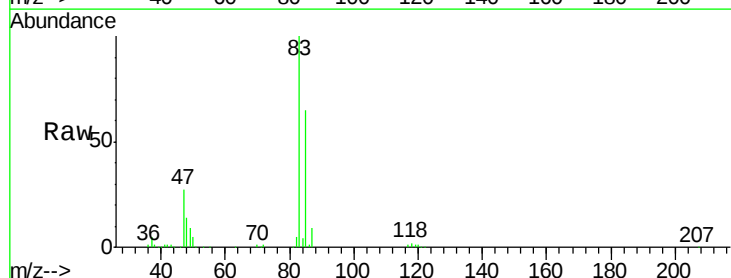
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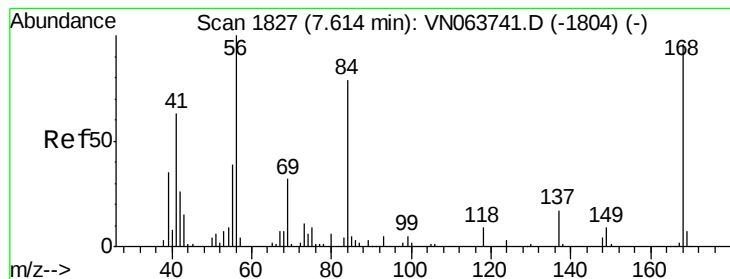
MMDadoda
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#30
Chloroform
Concen: 48.748 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	54.6	82.0





#31

Cyclohexane

Concen: 45.018 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

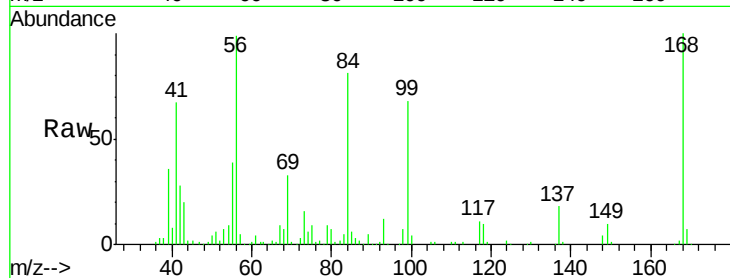
ClientSampled :

VSTDCCC050

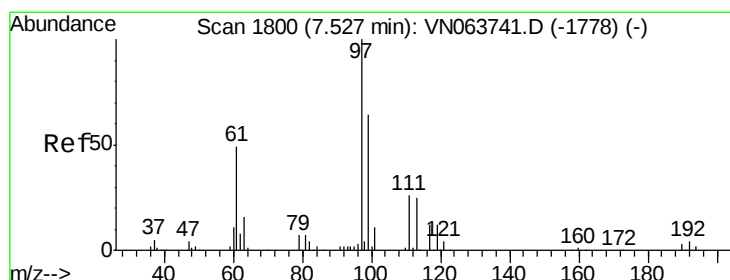
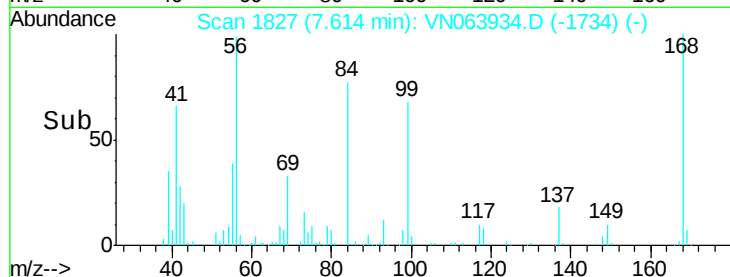
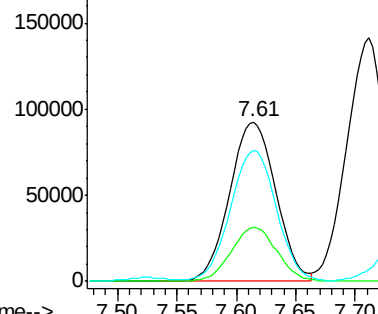
Tot Ion:	56	Resp:	249555
Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.4	38.2
84	80.6	63.3	94.9

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 48.563 ug/l

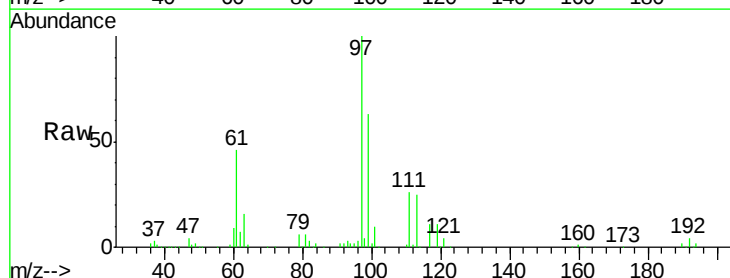
RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

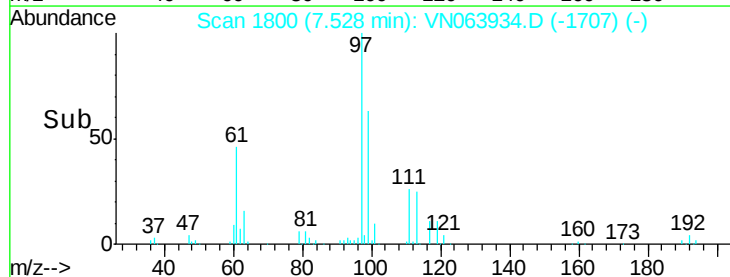
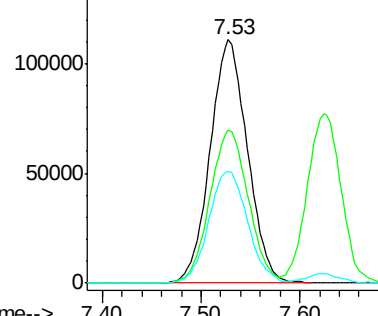
Lab File: VN063934.D

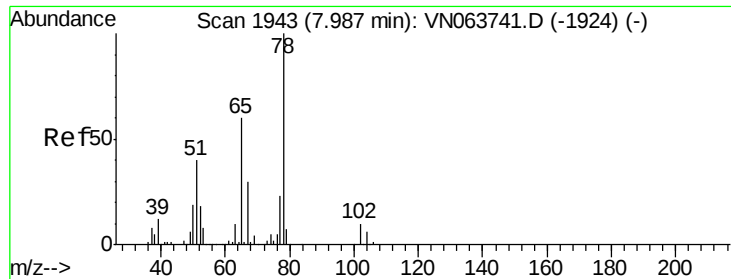
Acq: 7 Oct 2020 10:21

Tgt Ion:	97	Resp:	290506
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	47.9	38.7	58.1



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





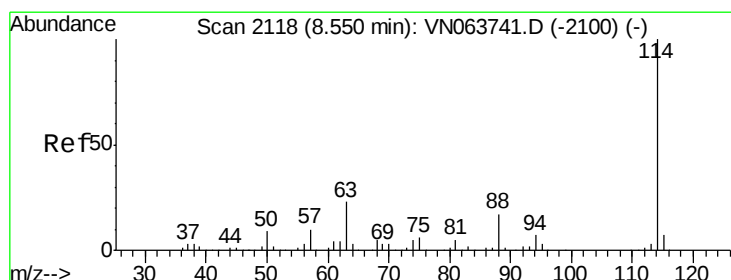
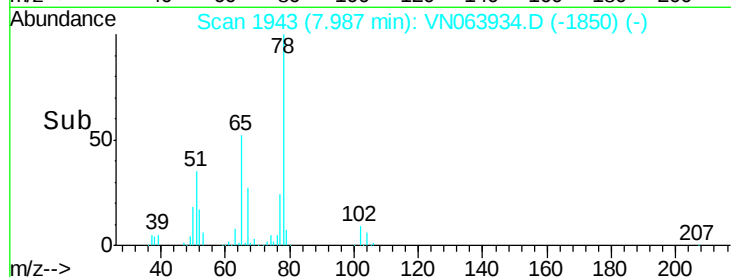
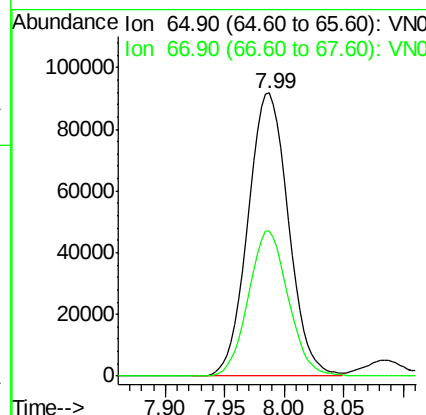
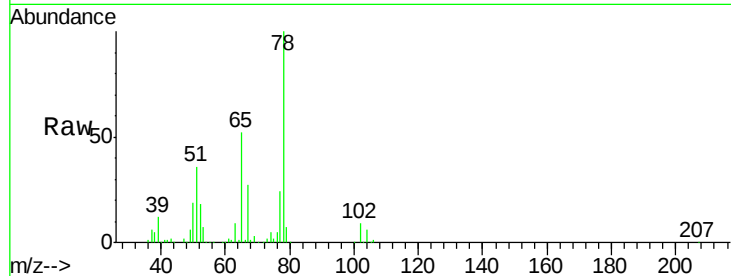
#33
 1,2-Dichloroethane-d4
 Concen: 45.458 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	217058		
67	50.3	0.0	99.6	

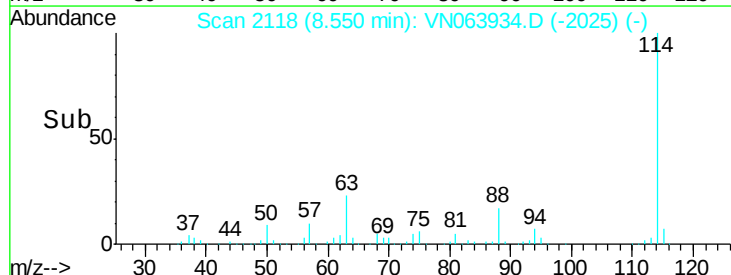
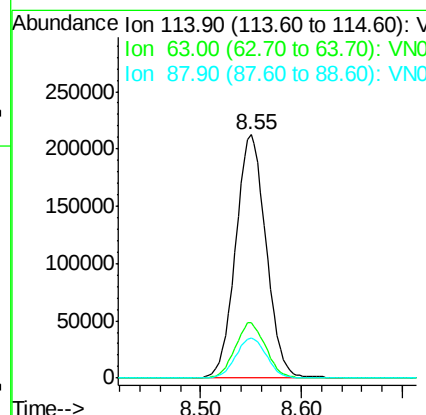
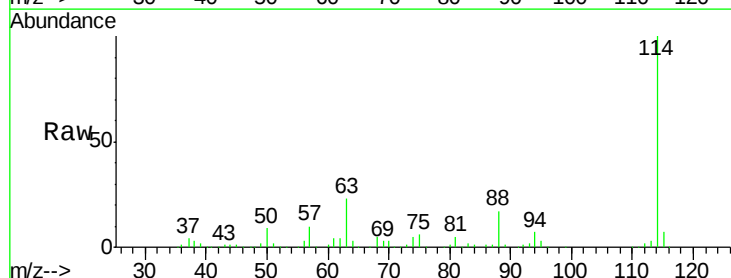
Manual Integrations
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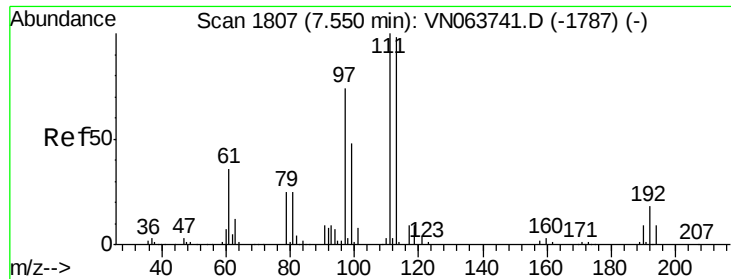
MMDadoda
 10/8/2020 10:08:32 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	444050		
63	22.7	0.0	45.0	
88	16.5	0.0	34.0	





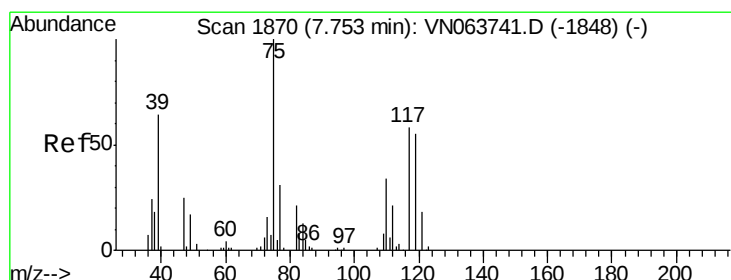
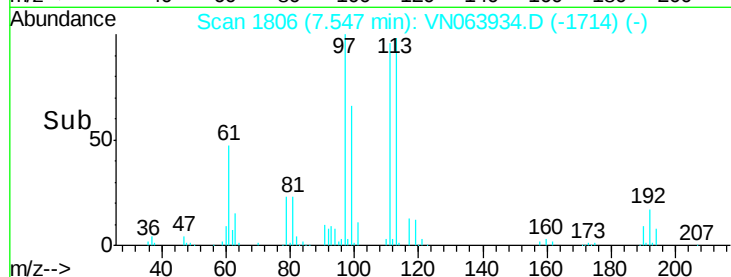
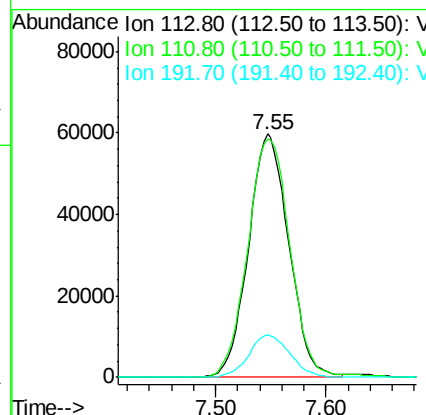
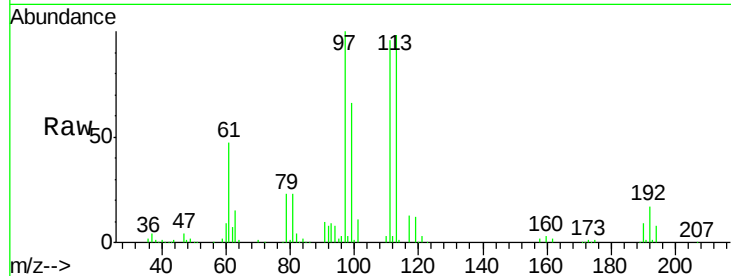
#35
 Dibromofluoromethane
 Concen: 49.012 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151013		
111	102.5	81.8	122.8	
192	17.7	14.2	21.2	

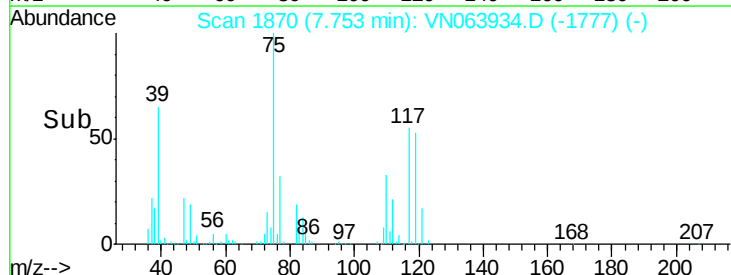
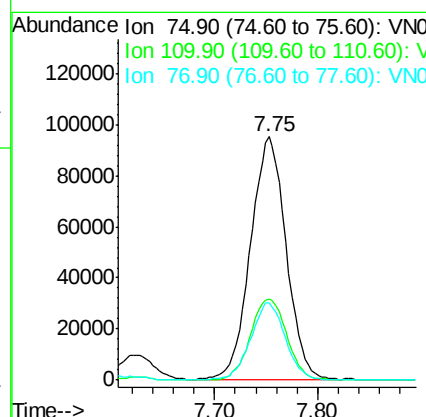
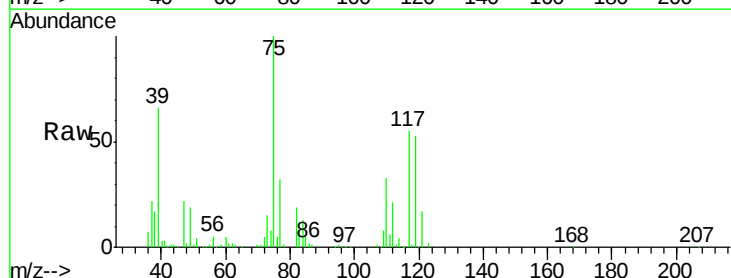
Manual Integrations
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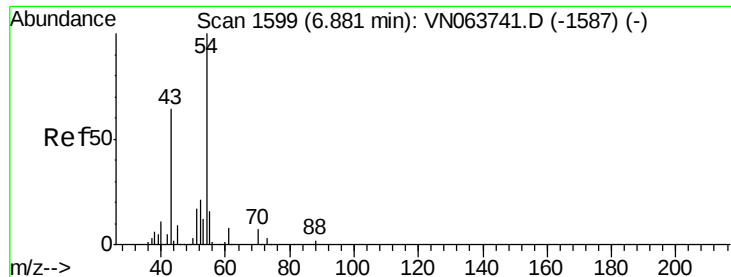
MMDadoda
 10/8/2020 10:08:32 AM



#36
 1,1-Dichloropropene
 Concen: 50.570 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	227498		
110	34.0	16.9	50.6	
77	31.4	24.5	36.7	





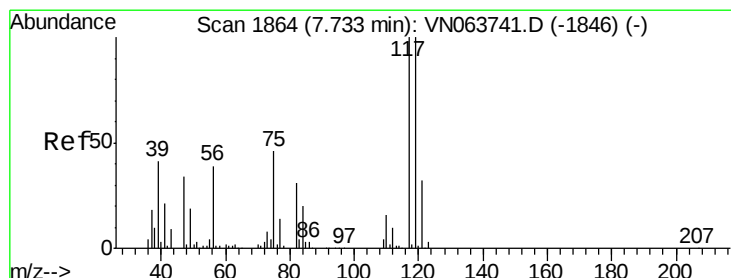
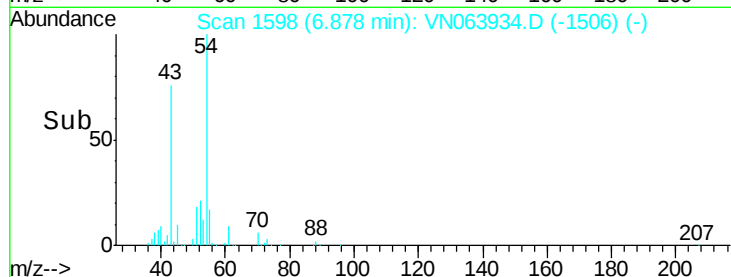
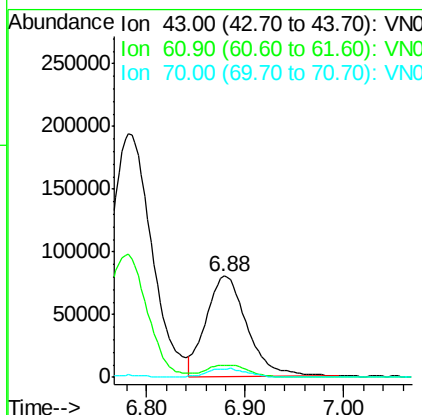
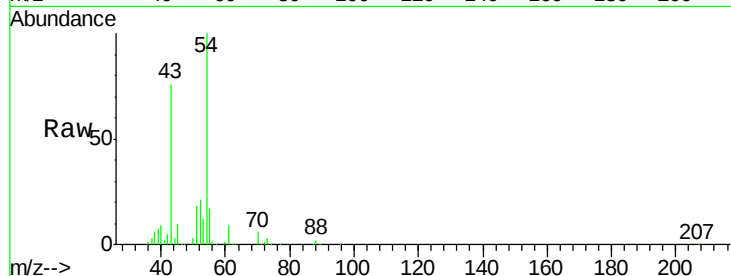
#37
Ethyl Acetate
Concen: 51.902 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.8	10.4	15.6
70	8.8	7.3	10.9

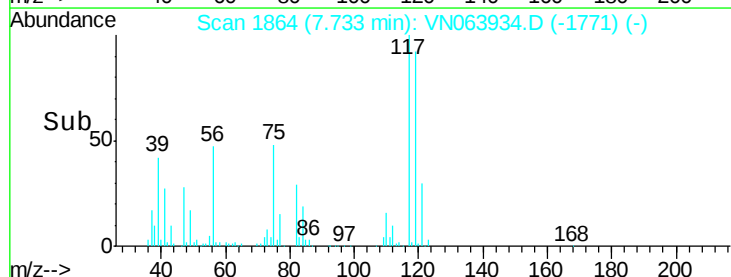
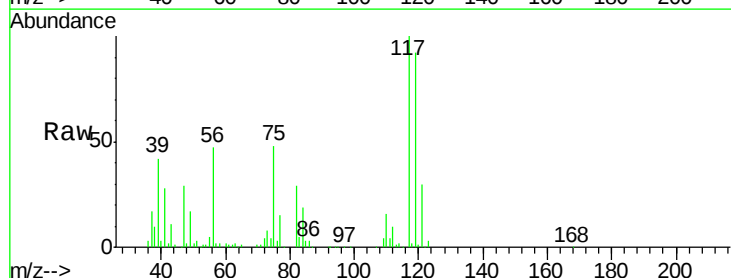
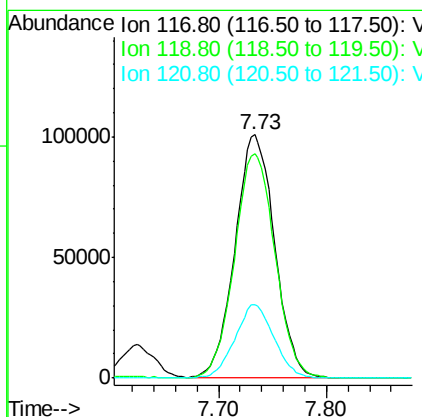
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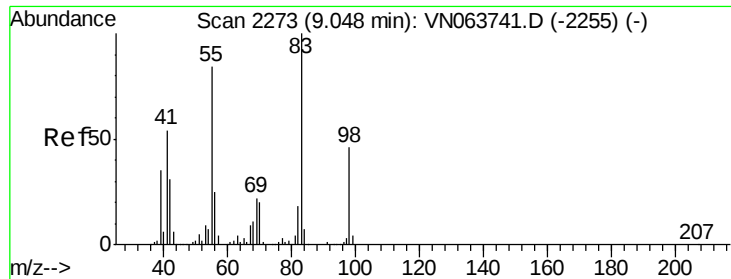
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#38
Carbon Tetrachloride
Concen: 50.936 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	80.1	120.1
121	30.4	25.7	38.5





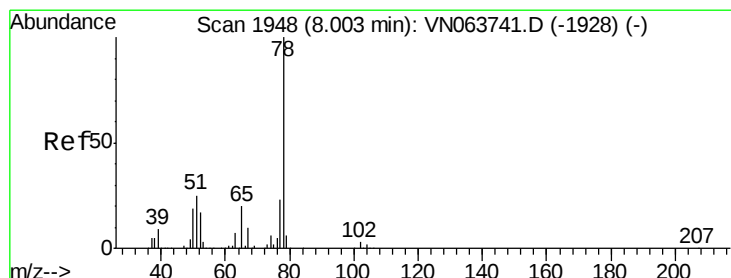
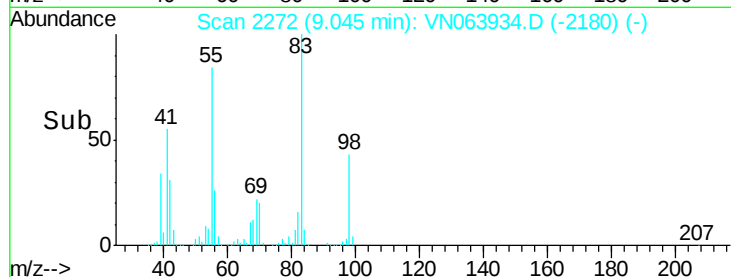
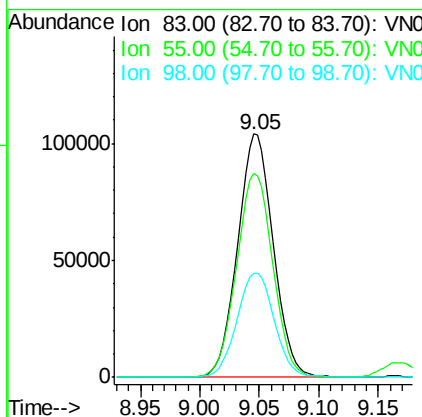
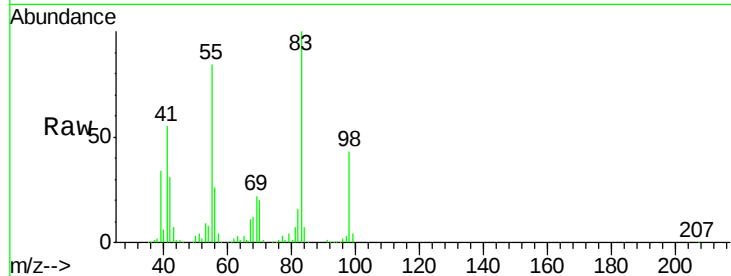
#39
Methvlcvclohexane
Concen: 48.216 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	216307		
55	83.8		67.1	100.7
98	42.7		36.6	54.8

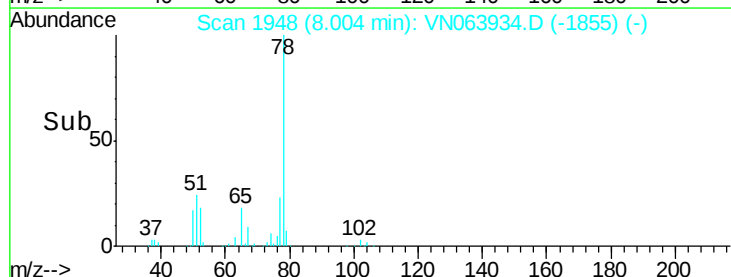
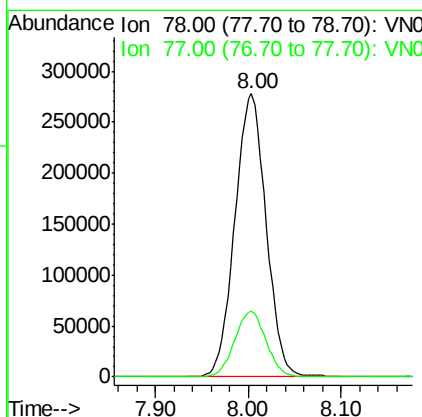
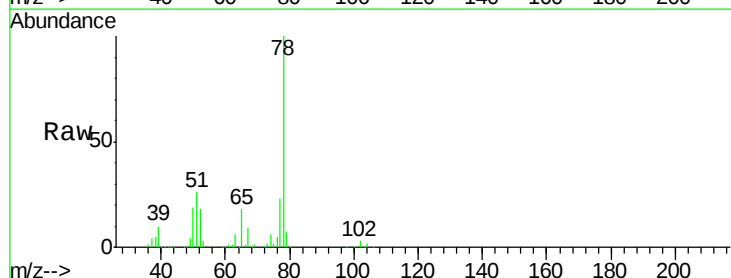
Manual Integrations
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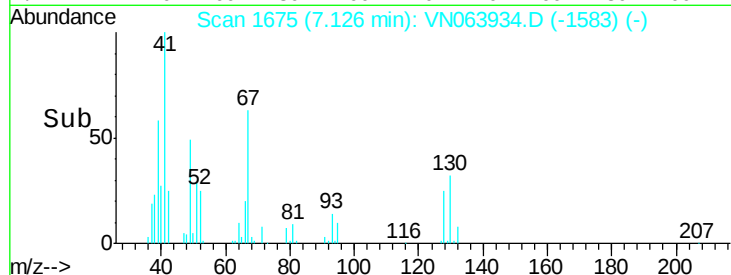
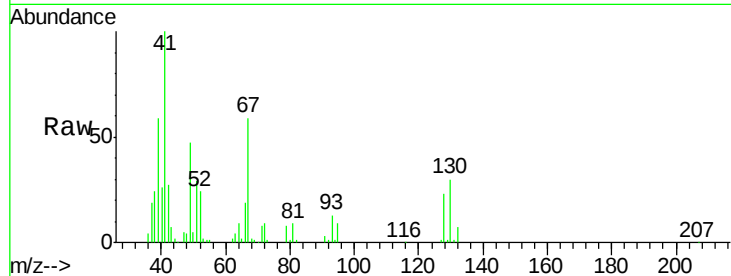
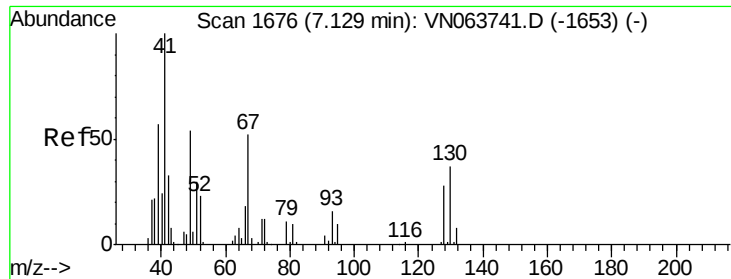
MMDadoda
10/8/2020 10:08:32 AM



#40
Benzene
Concen: 50.535 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	649335		
77	23.1		18.7	28.1





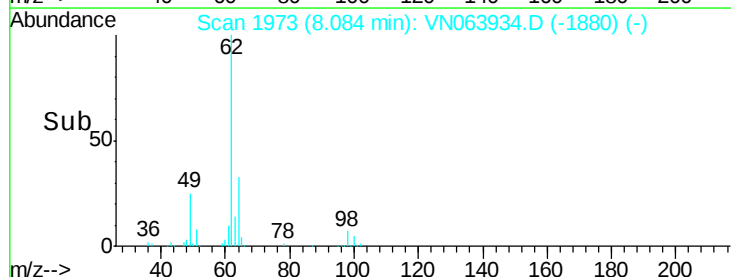
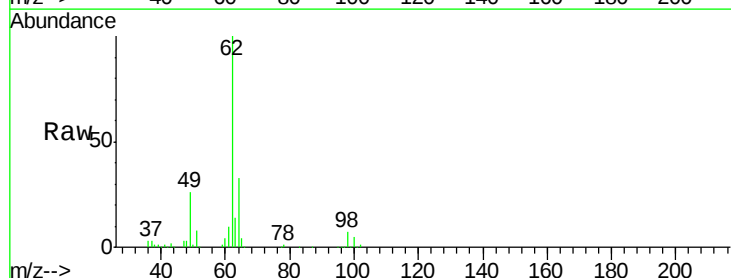
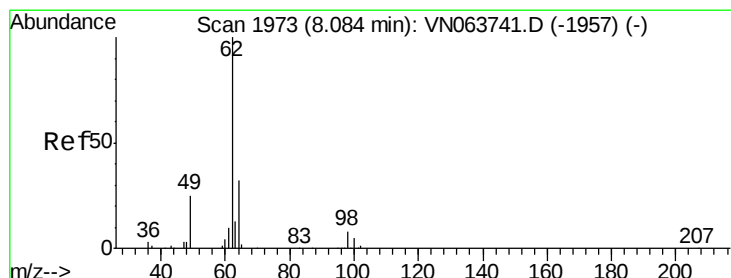
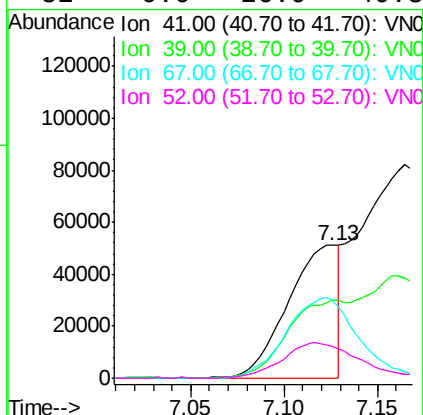
#41
Methacrylonitrile
Concen: 48.706 ug/l m
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

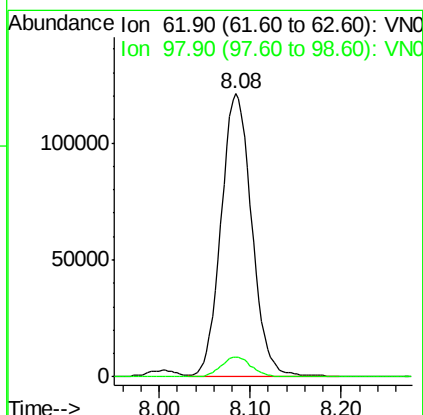
Manual Integrations
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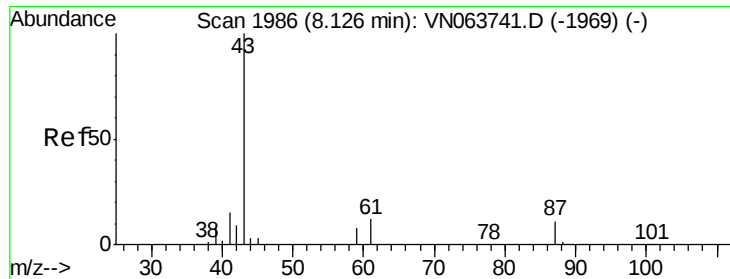
MMDadoda
10/8/2020 10:08:32 AM



#42
1,2-Dichloroethane
Concen: 51.437 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	15.0





#43

Isopropyl Acetate

Concen: 54.015 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

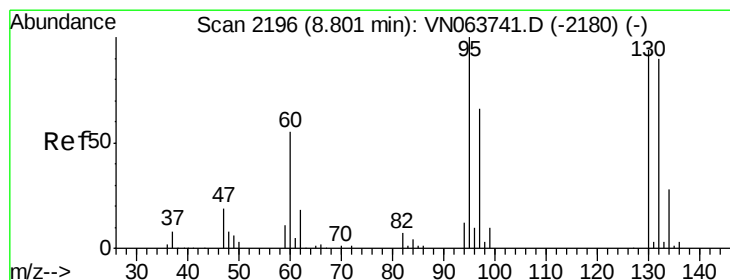
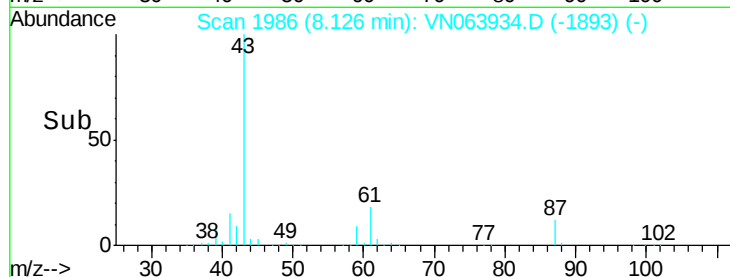
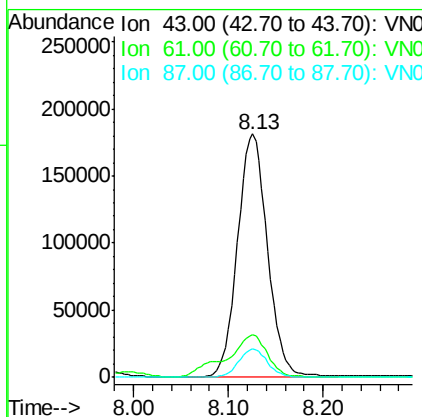
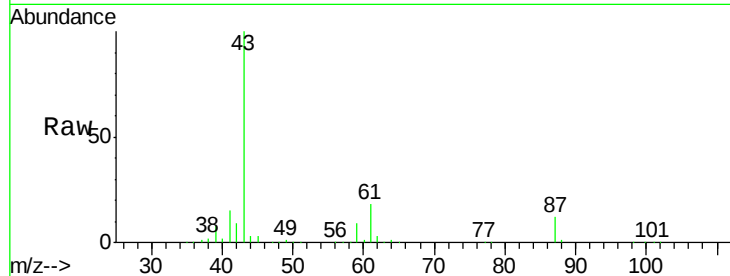
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	398213
Ion	Ratio	Lower	Upper
43	100		
61	24.2	14.2	21.4#
87	11.3	9.0	13.6

Manual Integrations
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10/8/2020 10:08:32 AM



#44

Trichloroethene

Concen: 50.262 ug/l

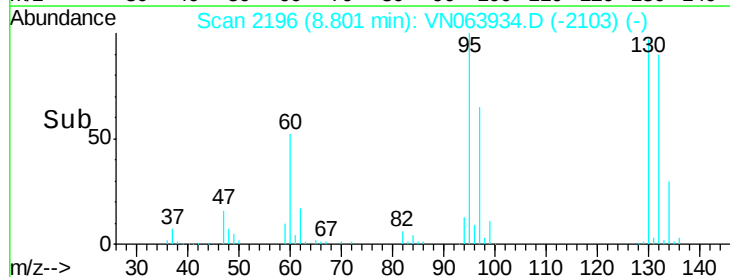
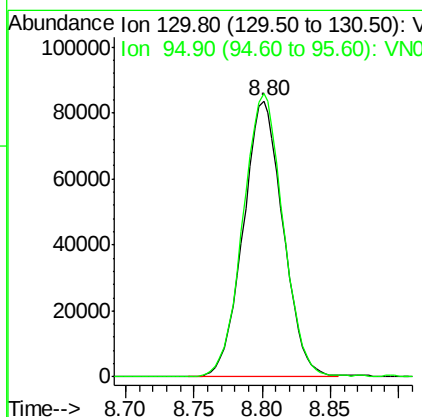
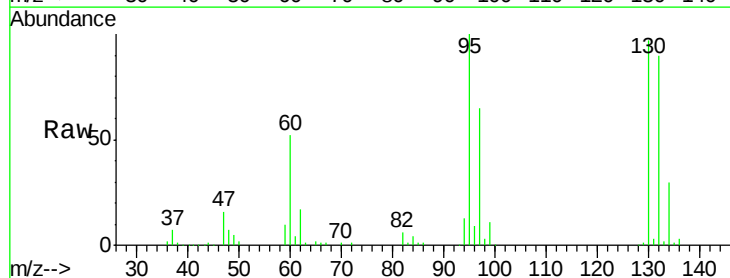
RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Tgt Ion:	130	Resp:	169218
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	213.6





#45

1,2-Dichloropropane

Concen: 52.500 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 182185

Ion Ratio Lower Upper

63 100

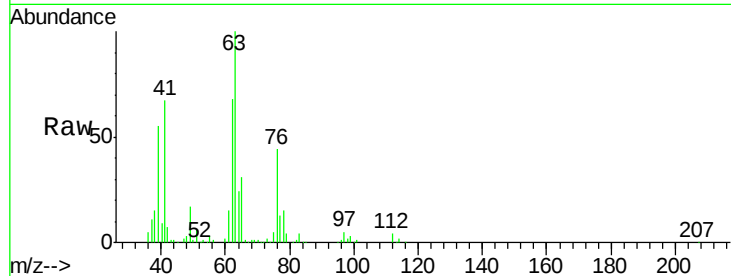
65 30.6 24.7 37.1

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

80000

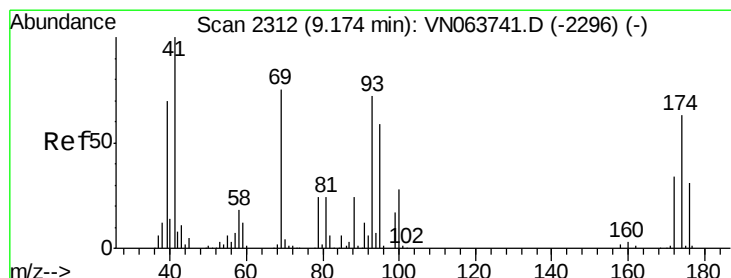
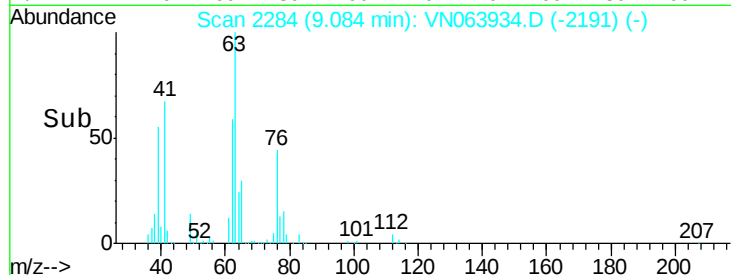
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 50.469 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

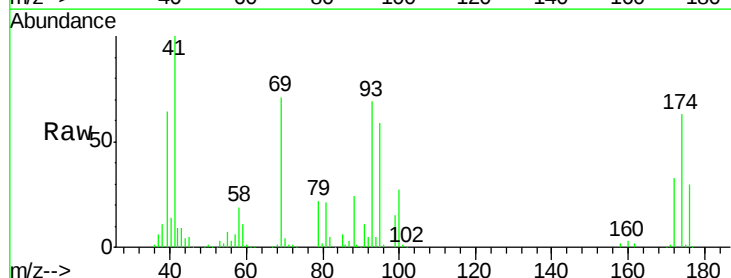
Tgt Ion: 93 Resp: 120819

Ion Ratio Lower Upper

93 100

95 83.2 66.3 99.5

174 90.5 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

80000

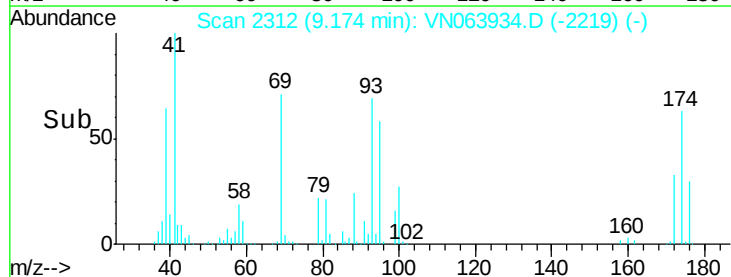
60000

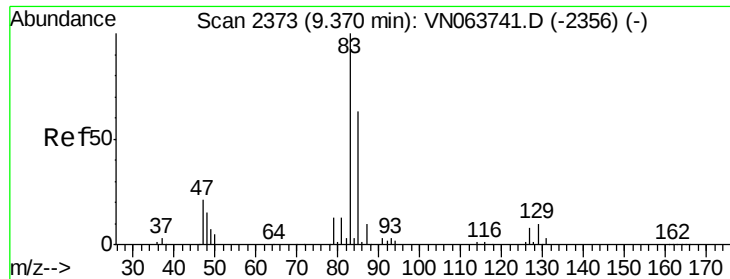
40000

20000

0

Time-->





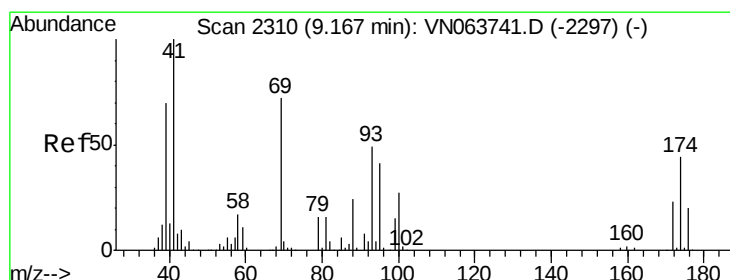
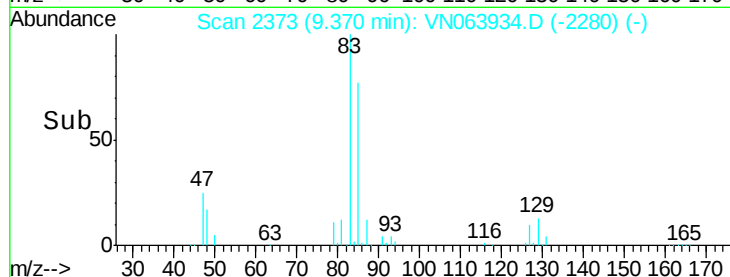
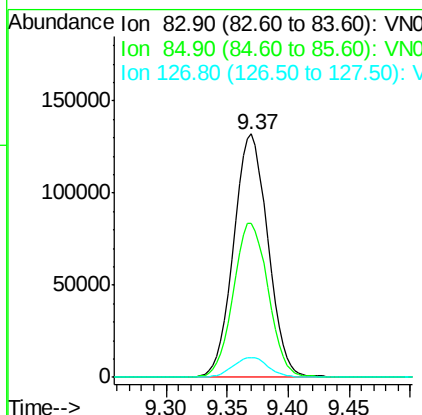
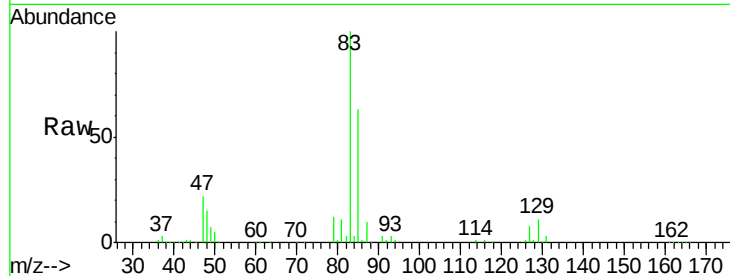
#47
Bromodichloromethane
Concen: 52.255 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	257812		
85	63.4		50.6	75.8
127	8.2		6.6	9.8

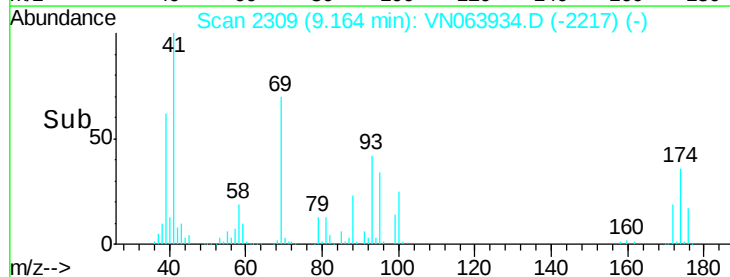
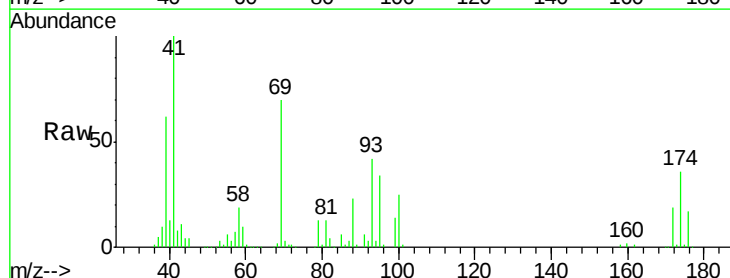
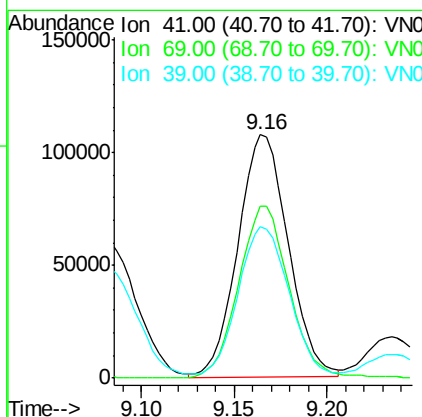
Manual Integrations
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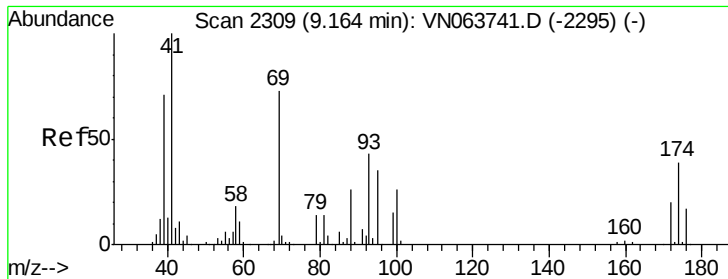
MMDadoda
10/8/2020 10:08:32 AM



#48
Methyl methacrylate
Concen: 55.664 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	202746		
69	71.5		60.9	91.3
39	63.7		57.5	86.3





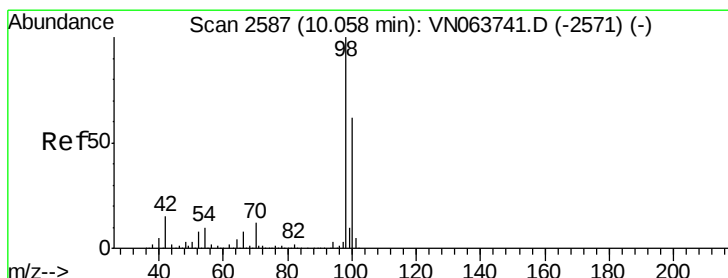
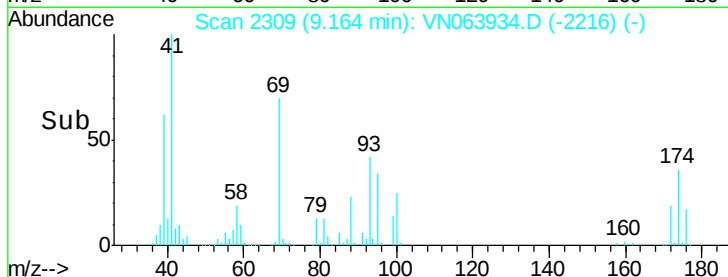
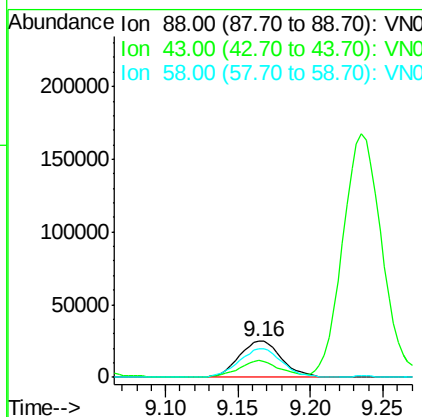
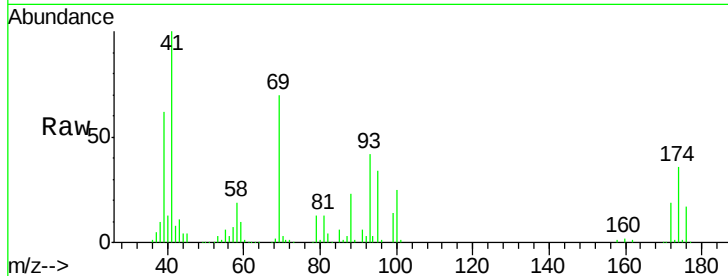
#49
1,4-Dioxane
Concen: 989.054 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.6	33.1	49.7
58	80.1	58.9	88.3

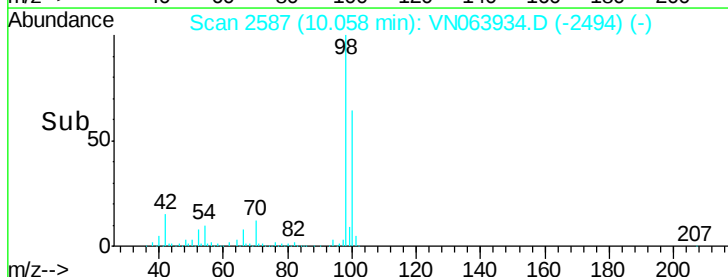
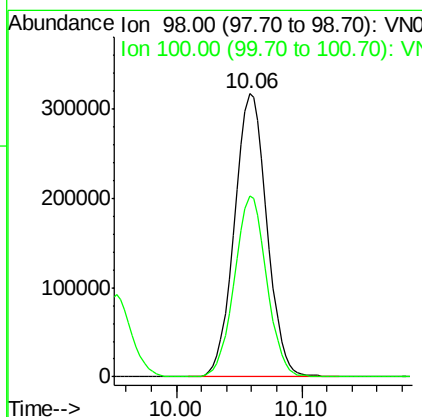
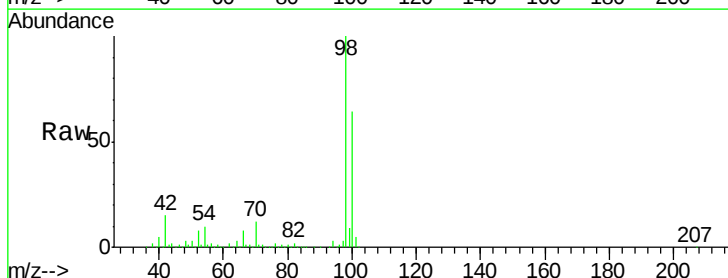
Manual Integrations
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10/8/2020 10:08:32 AM



#50
Toluene-d8
Concen: 48.871 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.6





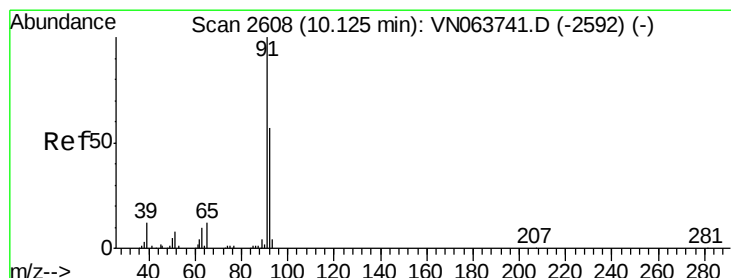
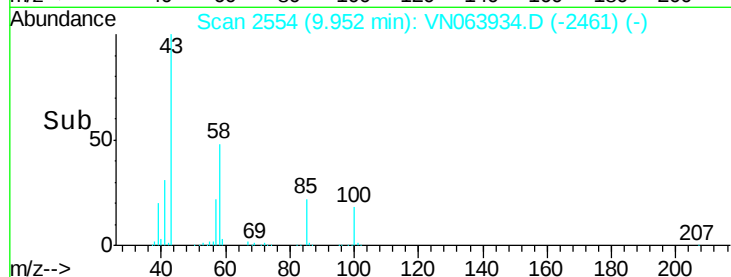
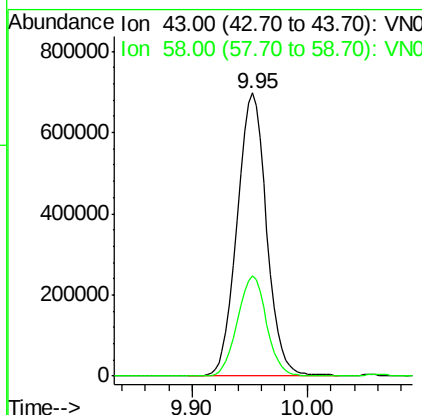
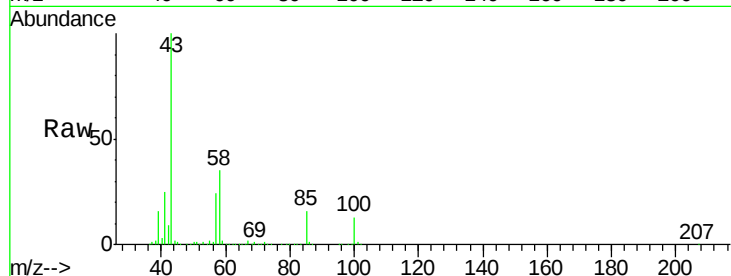
#51
4-Methyl-2-Pentanone
Concen: 282.980 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1224272
Ion Ratio Lower Upper
43 100
58 35.2 28.4 42.6

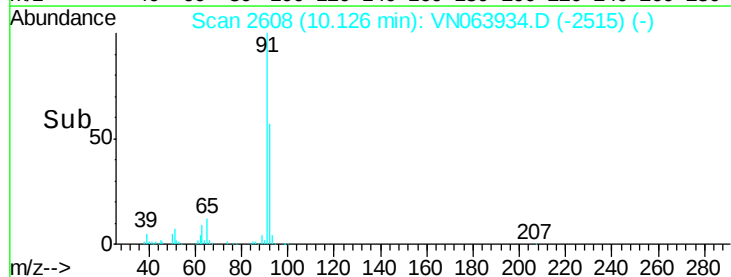
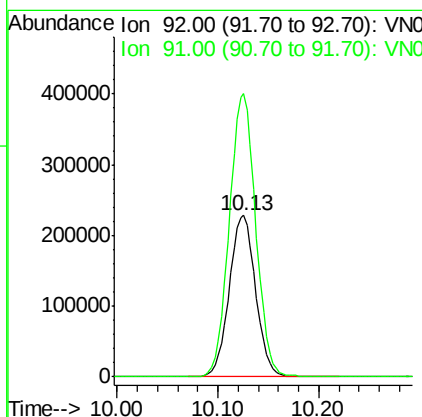
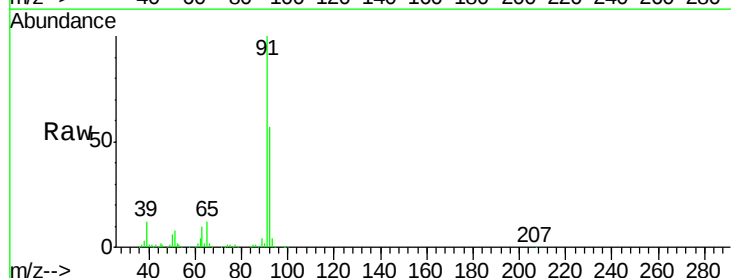
Manual Integrations
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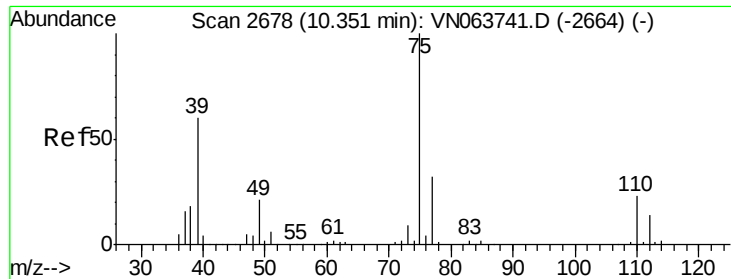
MMDadoda
10/8/2020 10:08:32 AM



#52
Toluene
Concen: 52.448 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 92 Resp: 416845
Ion Ratio Lower Upper
92 100
91 175.1 140.6 210.8





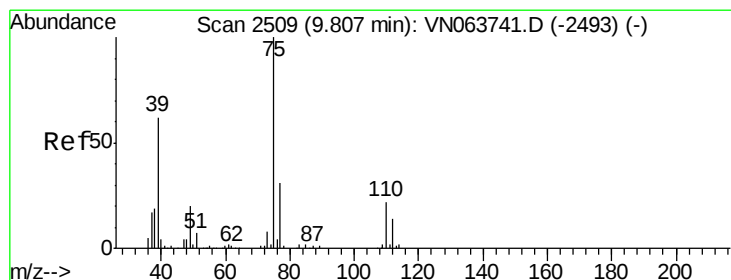
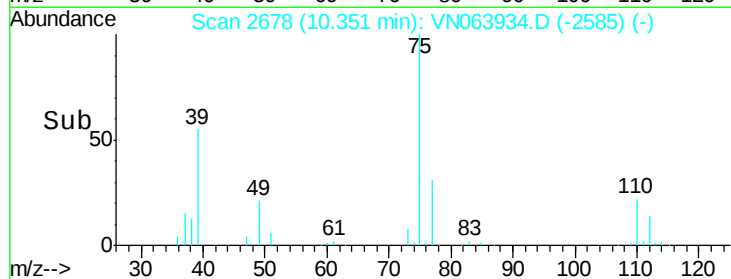
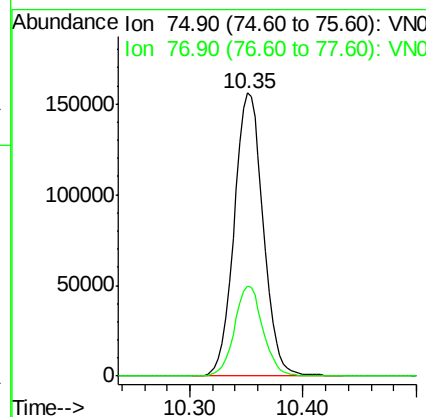
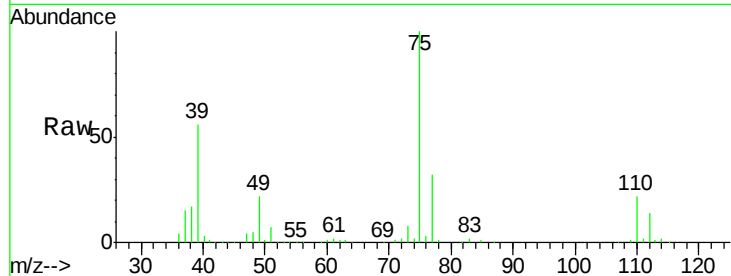
#53
t-1,3-Dichloropropene
Concen: 52.638 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 278381
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

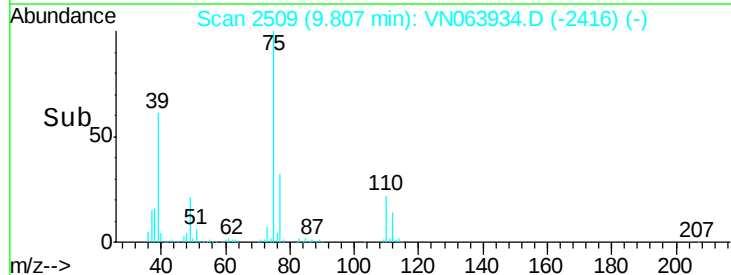
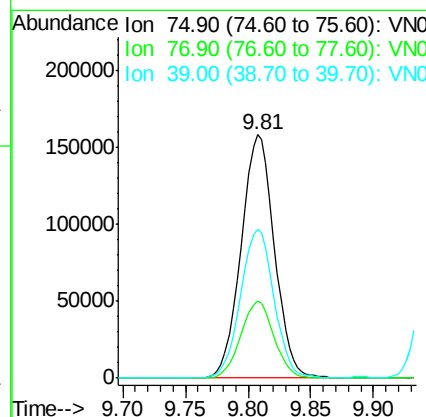
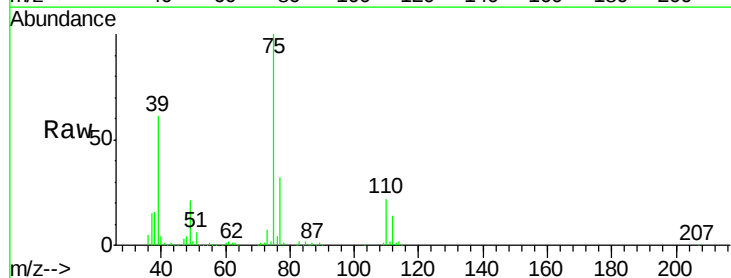
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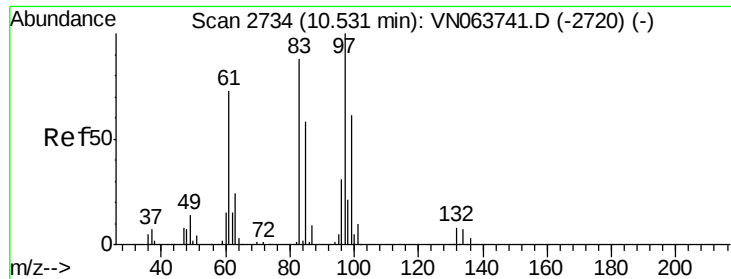
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.729 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 75 Resp: 291646
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 60.9 49.7 74.5





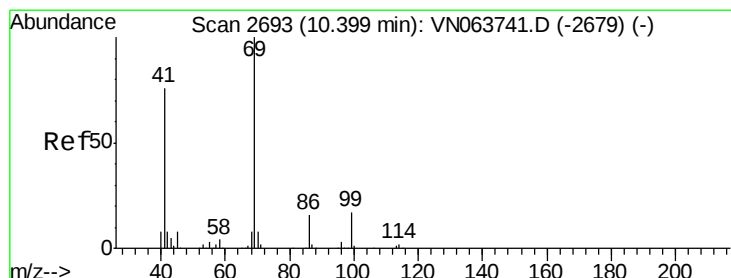
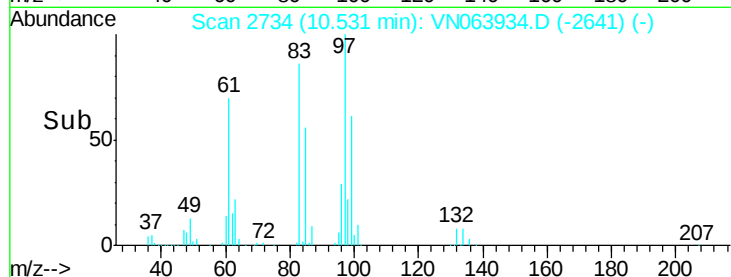
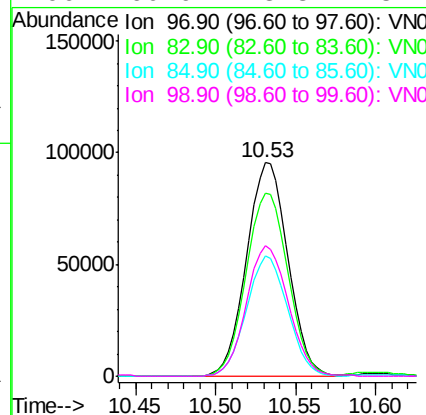
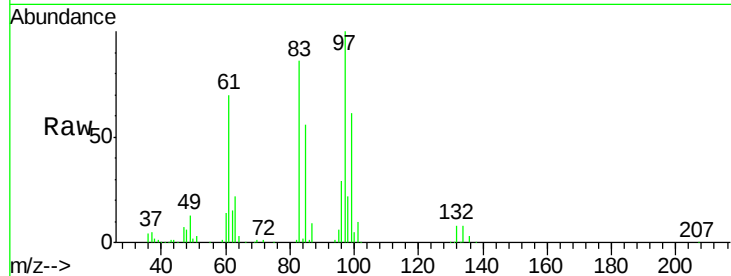
#55
 1,1,2-Trichloroethane
 Concen: 53.054 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	169101
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.7	106.1
85	56.2	46.1	69.1
99	60.9	48.8	73.2

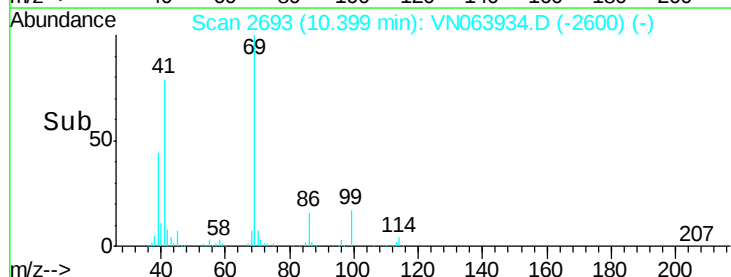
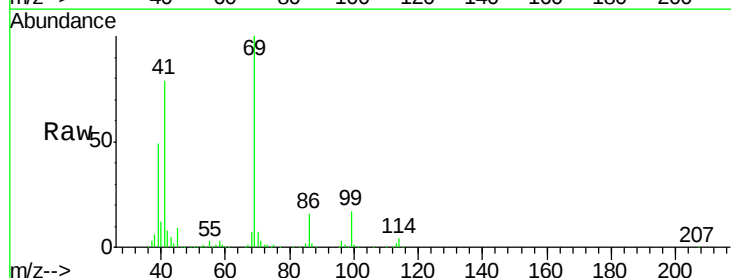
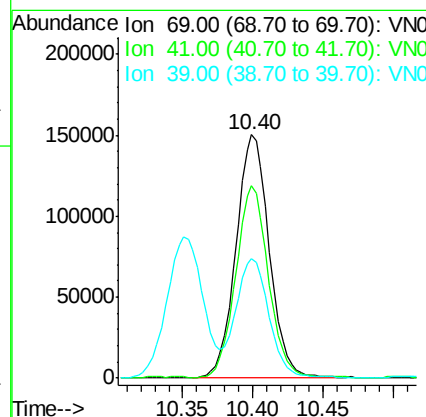
Manual Integrations
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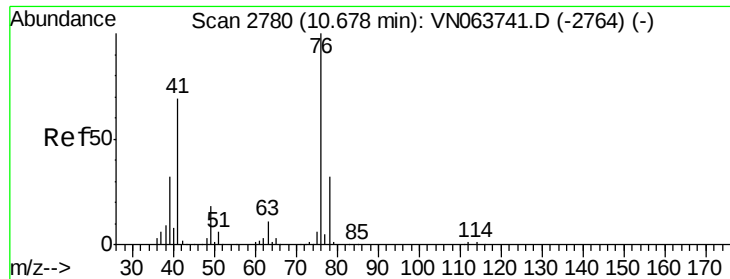
MMDadoda
 10/8/2020 10:08:32 AM



#56
 Ethyl methacrylate
 Concen: 55.164 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion:	69	Resp:	249225
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.1	91.7
39	48.6	42.2	63.4





#57

1,3-Dichloropropane

Concen: 52.281 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 281919

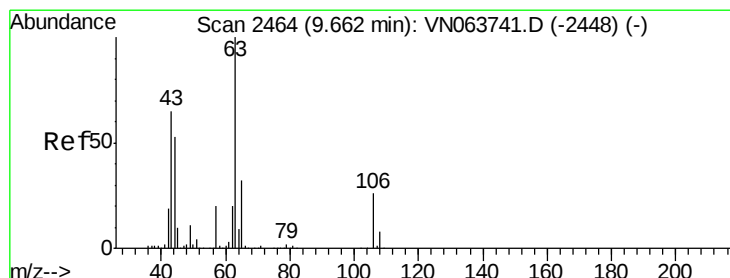
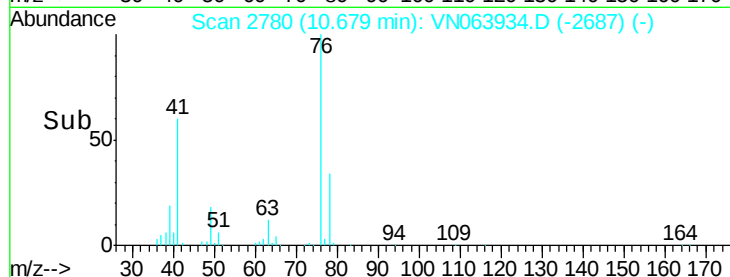
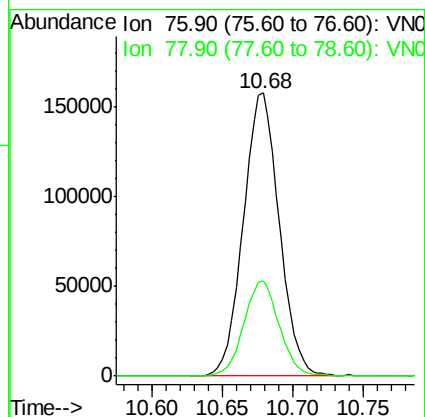
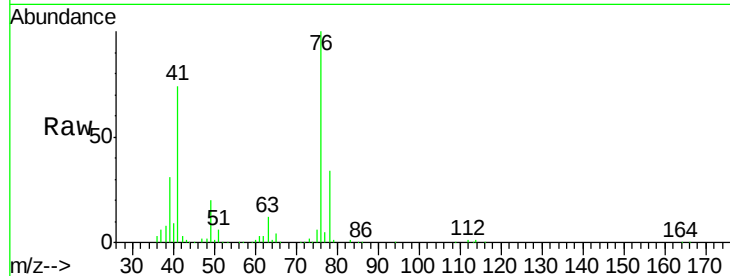
Ion Ratio Lower Upper

76 100

78 33.3 25.2 37.8

Manual Integrations
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MMDadoda
10/8/2020 10:08:32 AM



#58

2-Chloroethyl Vinyl ether

Concen: 272.425 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063934.D

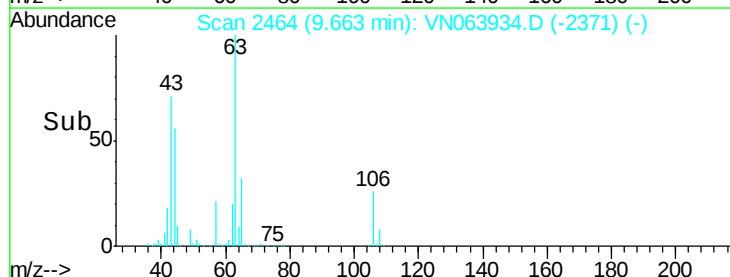
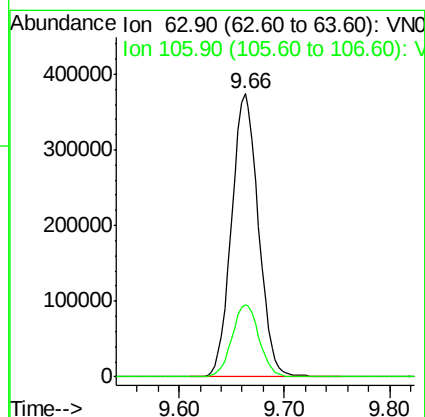
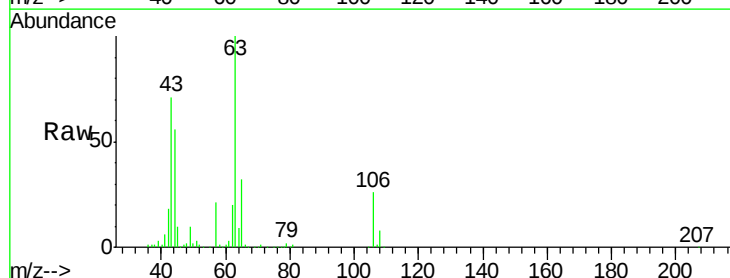
Acq: 7 Oct 2020 10:21

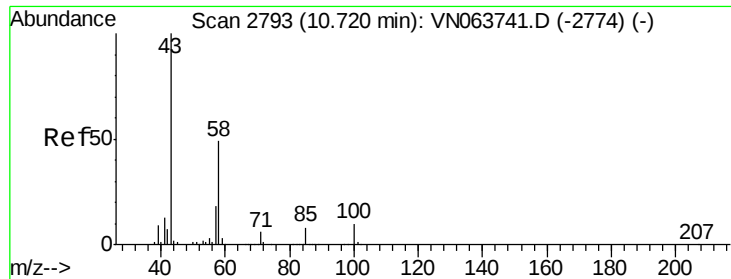
Tgt Ion: 63 Resp: 658361

Ion Ratio Lower Upper

63 100

106 25.6 20.7 31.1





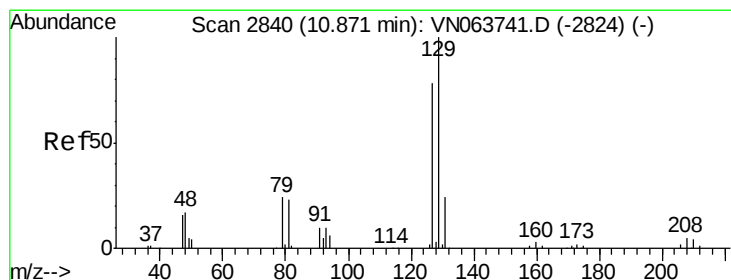
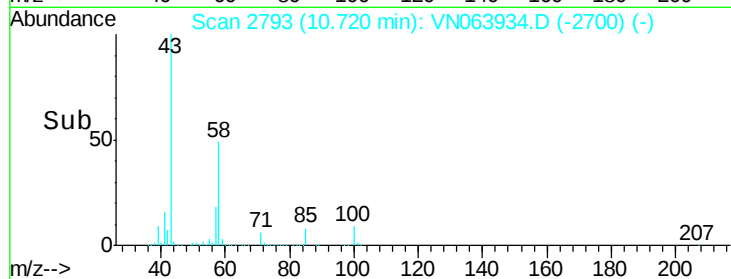
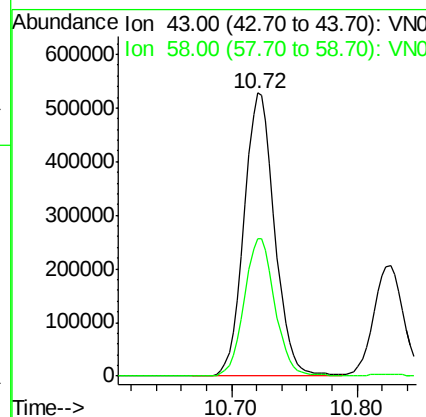
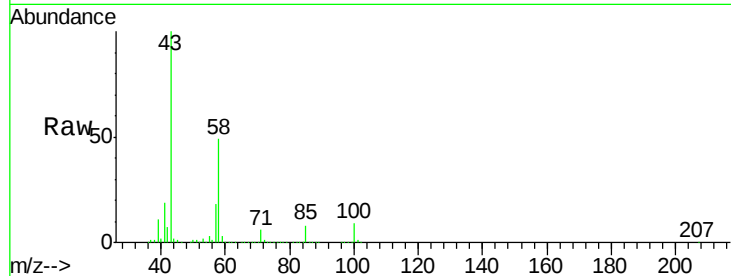
#59
2-Hexanone
Concen: 277.482 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	891794
Ion Ratio	43	100	
Lower	58	49.0	24.6
Upper			73.8

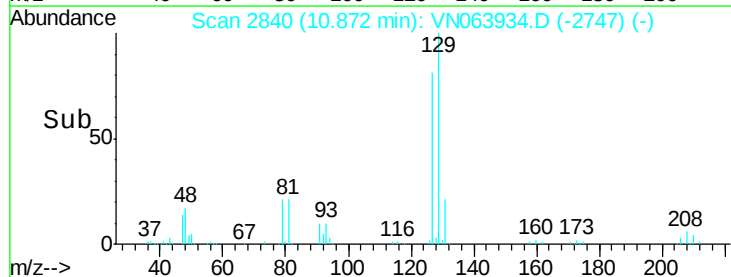
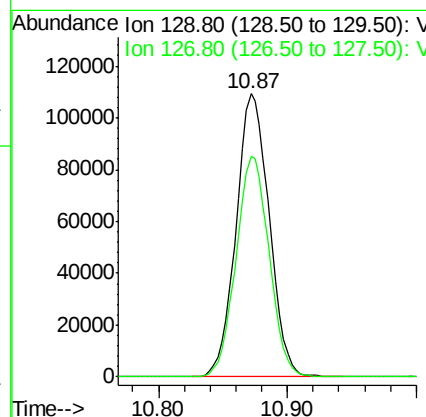
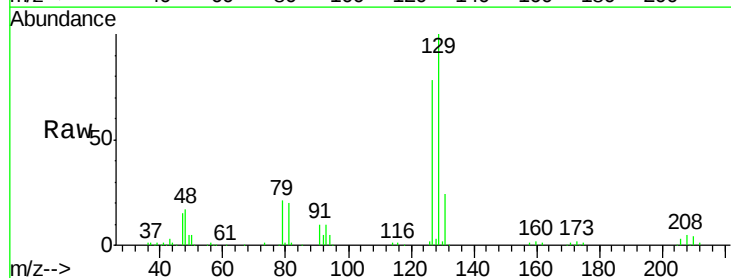
Manual Integrations
APPROVED

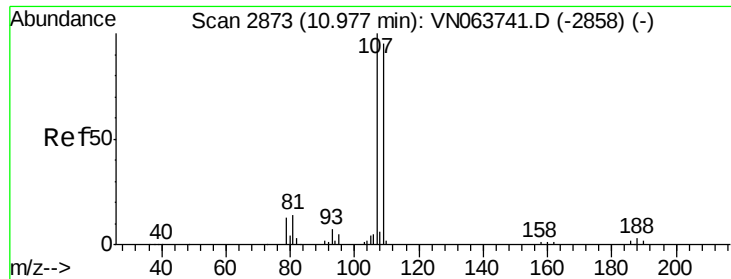
MMDadoda
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#60
Dibromochloromethane
Concen: 52.423 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	129	Resp	194589
Ion Ratio	129	100	
Lower	127	78.2	38.9
Upper			116.7





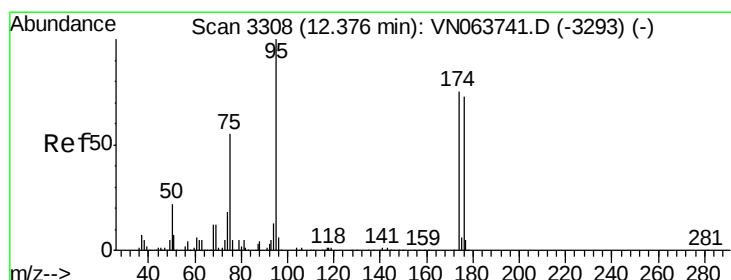
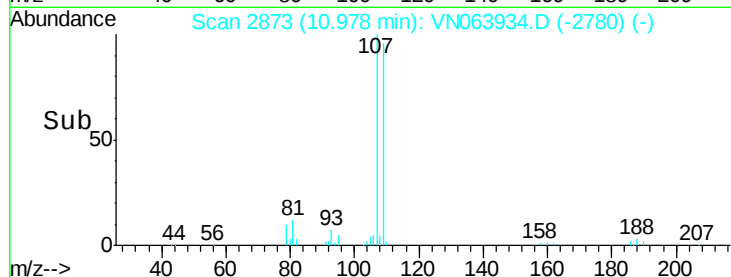
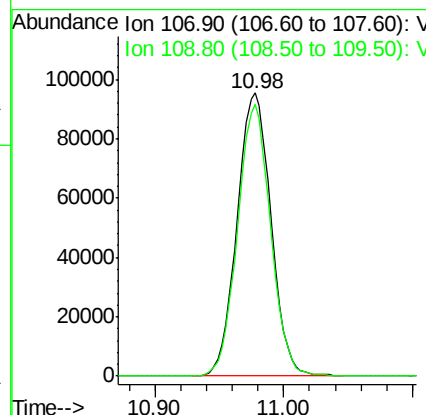
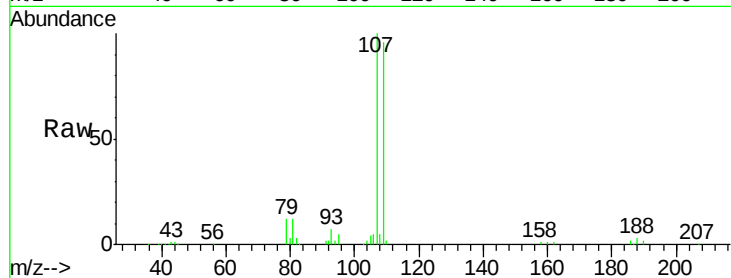
#61
 1,2-Dibromoethane
 Concen: 53.517 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.8	112.2

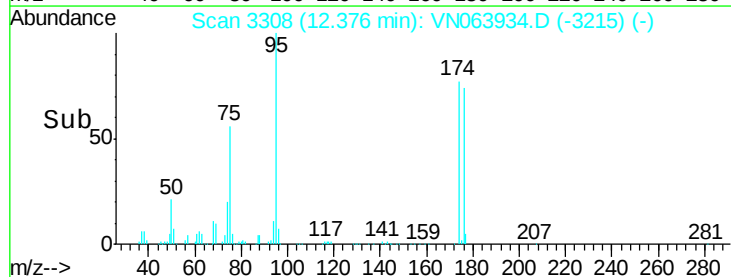
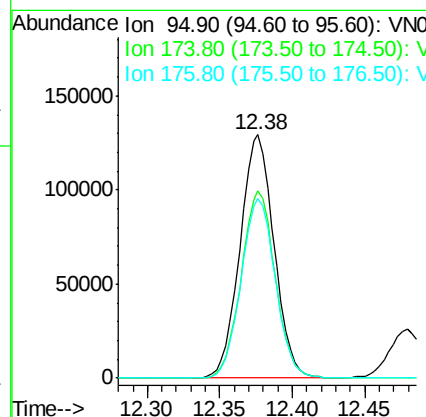
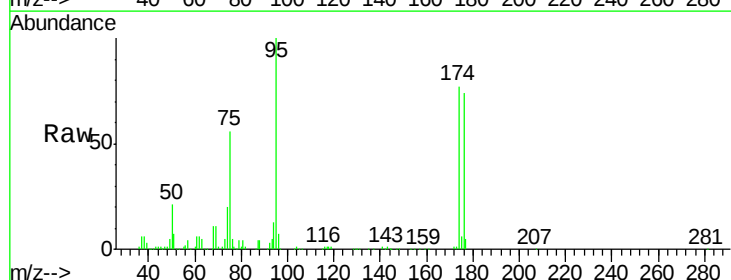
Manual Integrations
 APPROVED

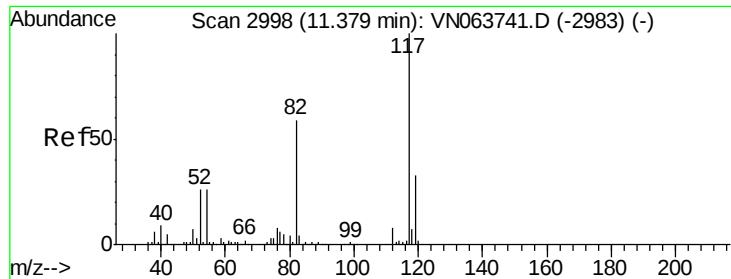
MMDadoda
 10/8/2020 10:08:32 AM



#62
 4-Bromofluorobenzene
 Concen: 47.990 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	150.6
176	74.4	0.0	145.4





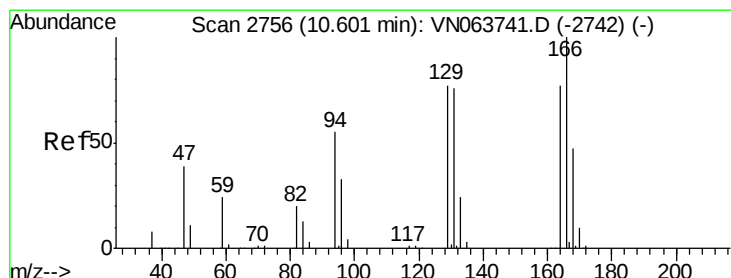
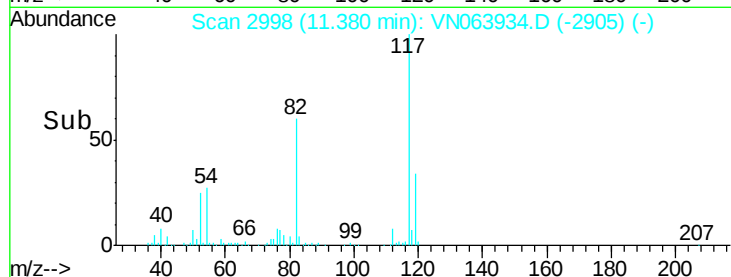
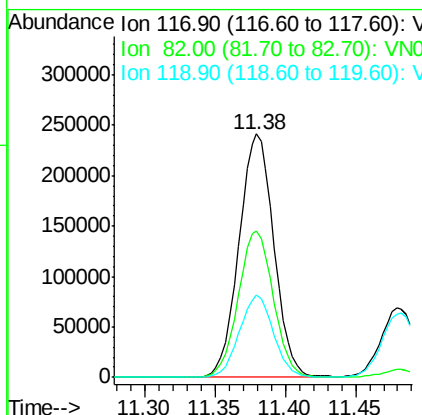
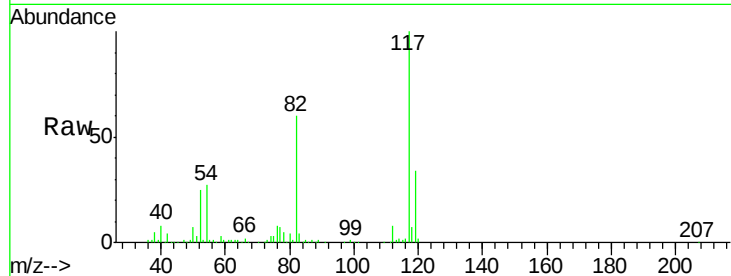
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	418919		
82	60.2		47.4	71.2
119	33.7		26.4	39.6

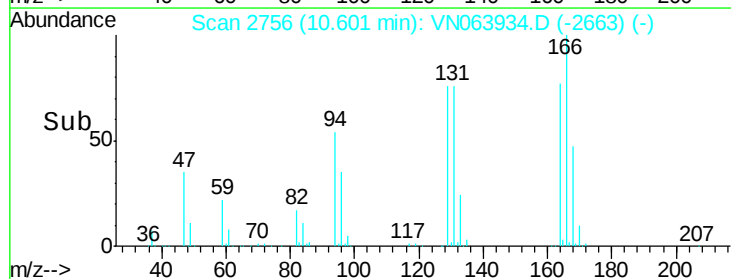
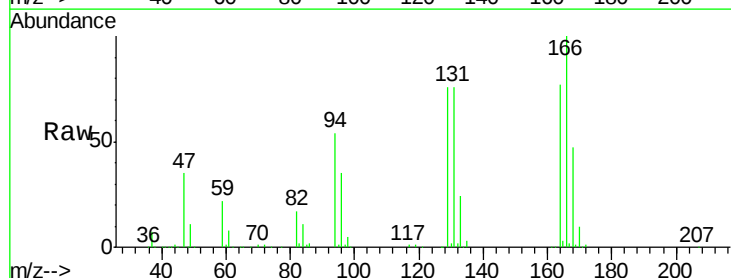
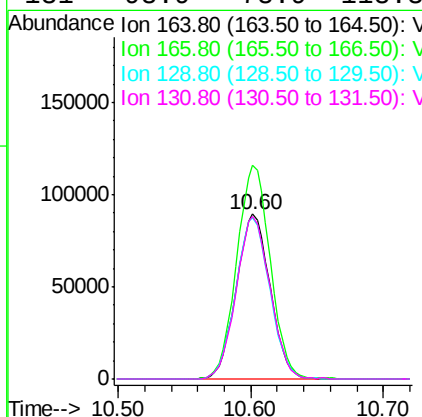
Manual Integrations
APPROVED

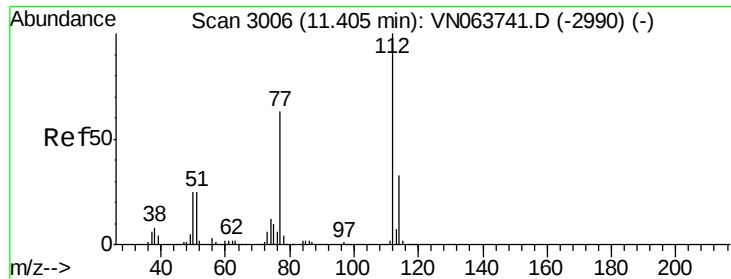
MMDadoda
10/8/2020 10:08:32 AM



#64
Tetrachloroethene
Concen: 48.971 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	158716		
166	129.5		103.9	155.9
129	97.9		80.3	120.5
131	98.9		78.9	118.3





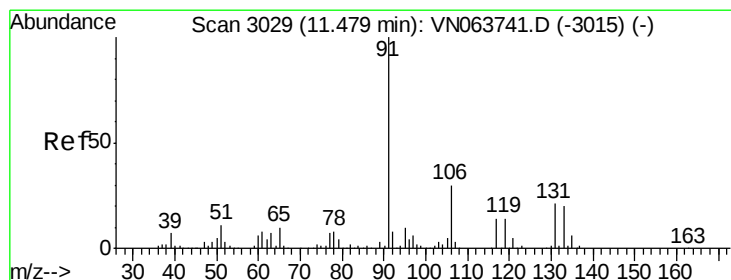
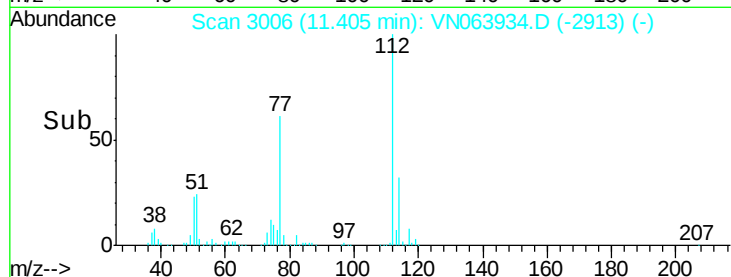
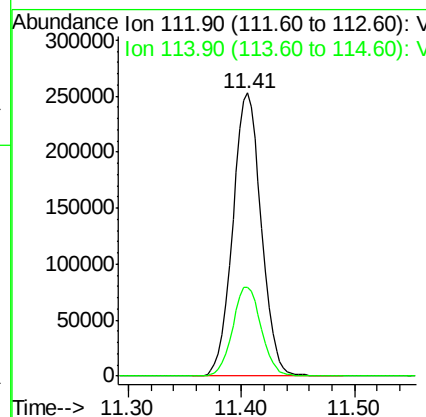
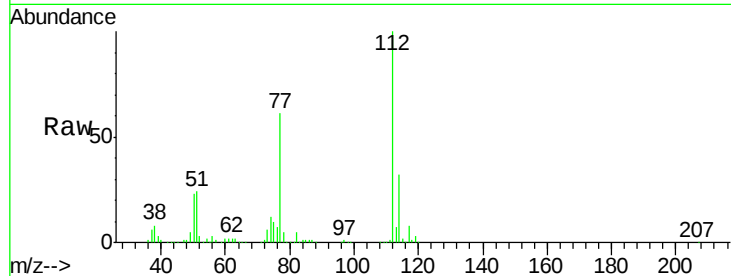
#65
Chlorobenzene
Concen: 51.386 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 441573
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1

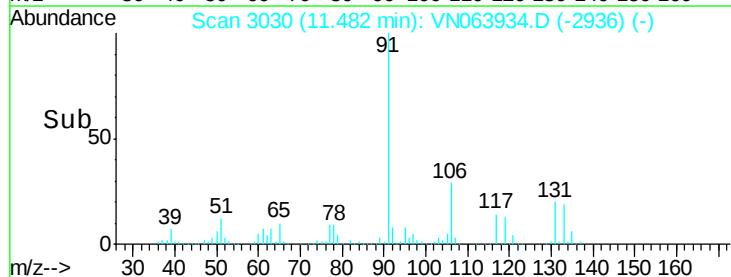
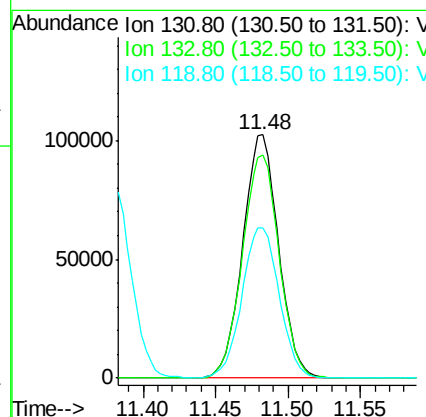
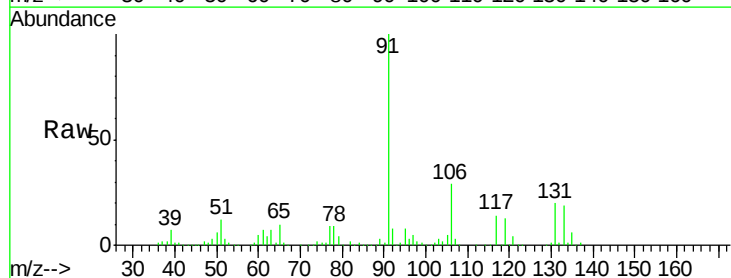
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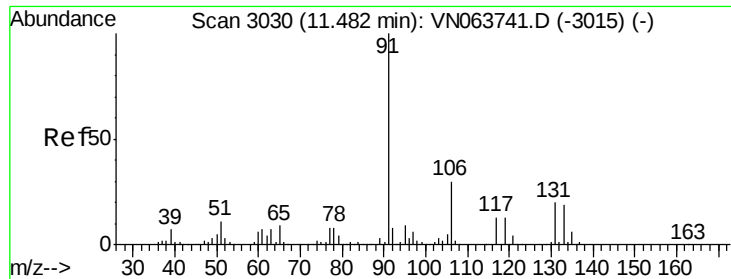
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.383 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion:131 Resp: 175868
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 64.5 32.6 97.7





#67

Ethyl Benzene

Concen: 52.661 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 823447

Ion Ratio Lower Upper

91 100

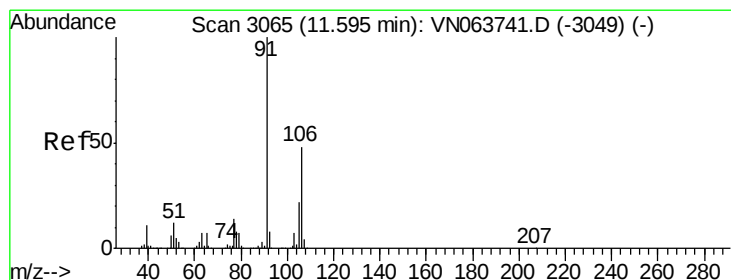
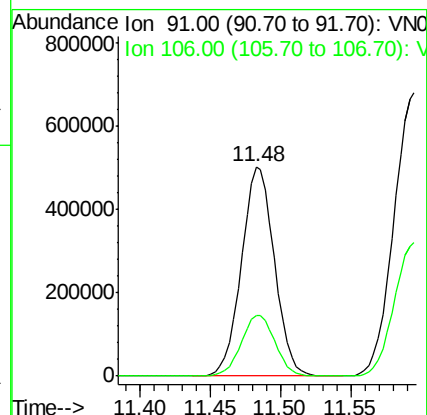
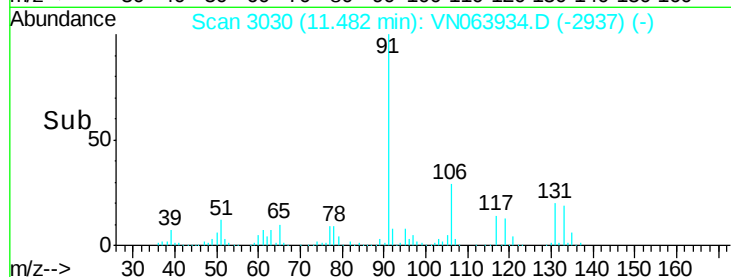
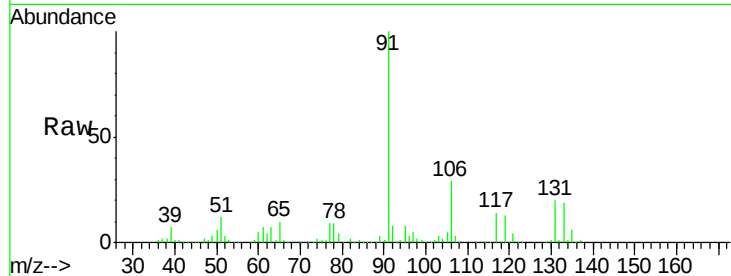
106 29.2 24.2 36.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.151 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063934.D

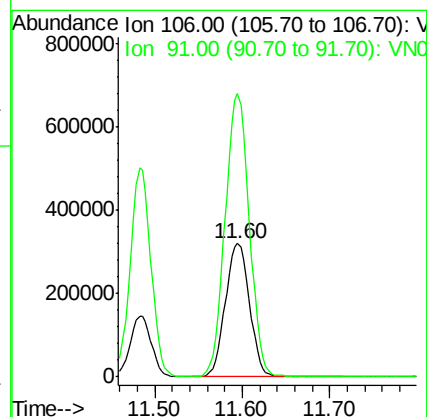
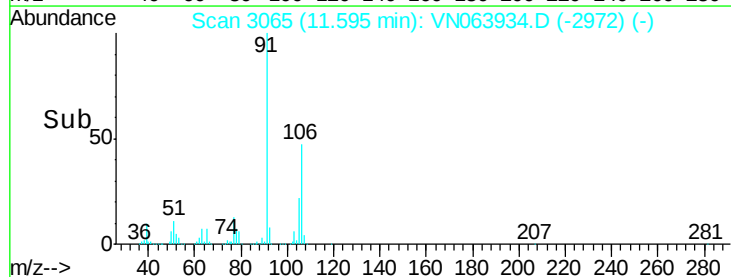
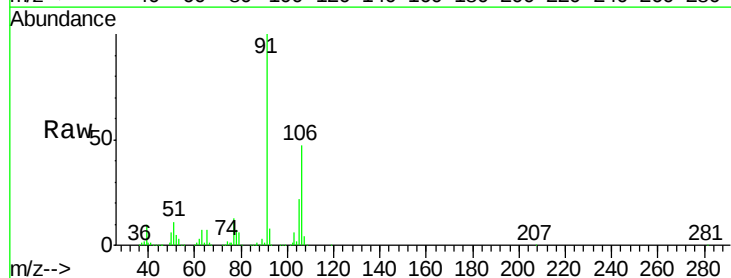
Acq: 7 Oct 2020 10:21

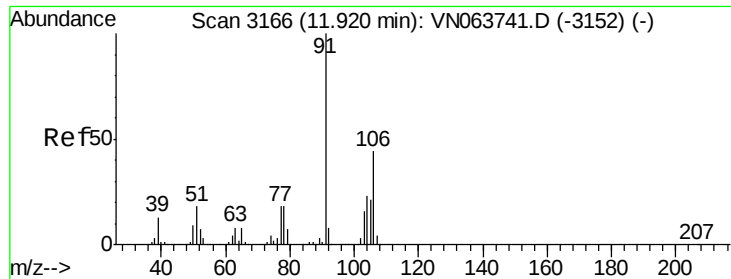
Tgt Ion: 106 Resp: 612794

Ion Ratio Lower Upper

106 100

91 212.1 168.0 252.0





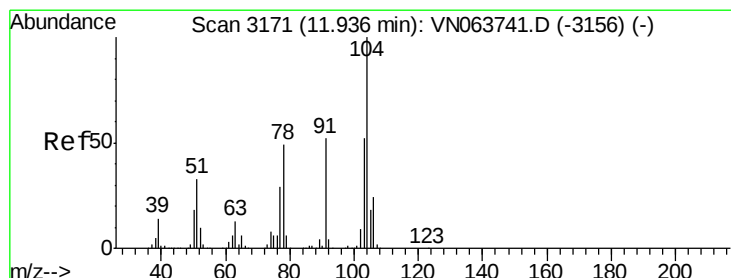
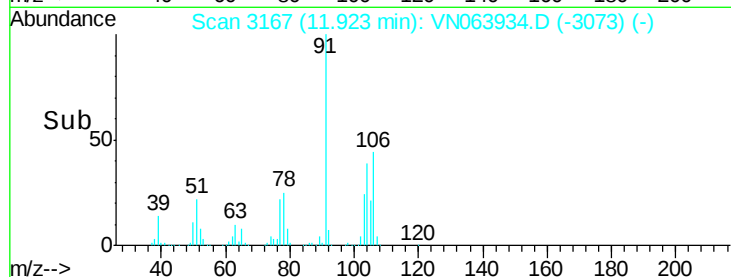
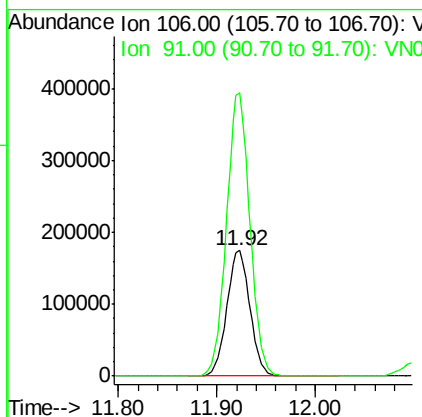
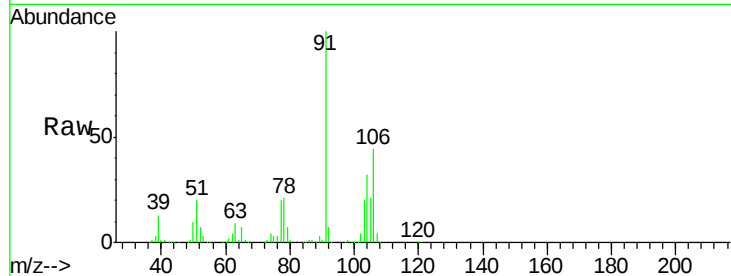
#69
o-Xylene
Concen: 52.863 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 287945
Ion Ratio Lower Upper
106 100
91 227.1 112.7 338.0

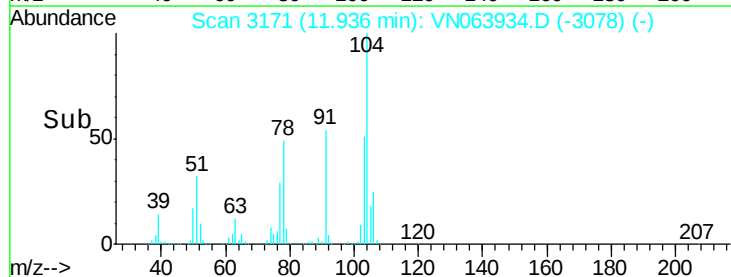
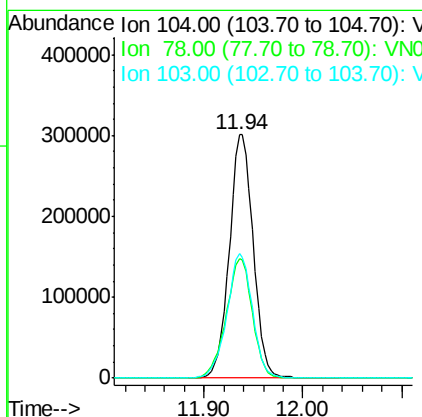
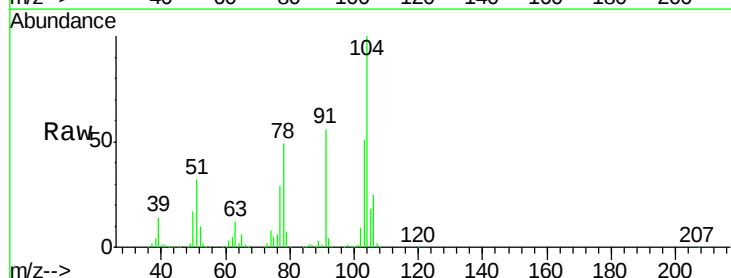
Manual Integrations
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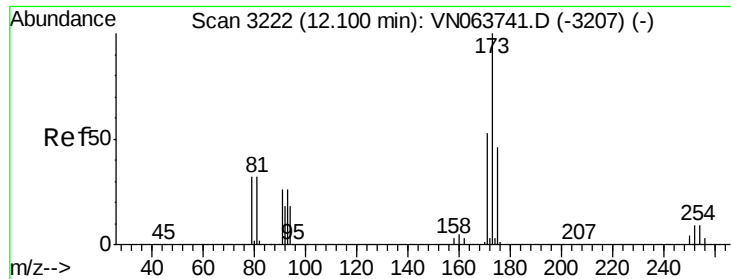
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#70
Styrene
Concen: 55.191 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion:104 Resp: 510309
Ion Ratio Lower Upper
104 100
78 53.8 44.1 66.1
103 54.4 44.3 66.5





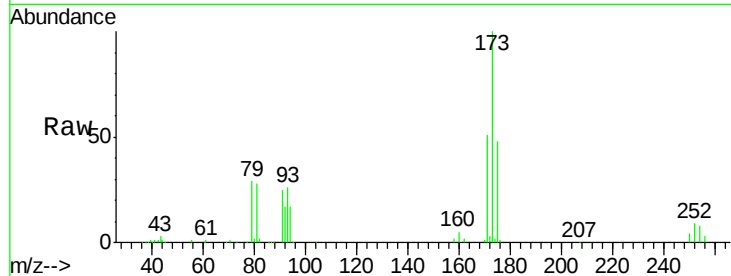
#71
Bromoform
Concen: 53.037 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.5	70.5
254	0.0	0.0	0.0

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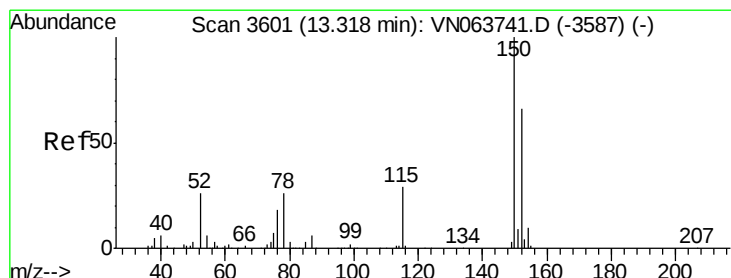
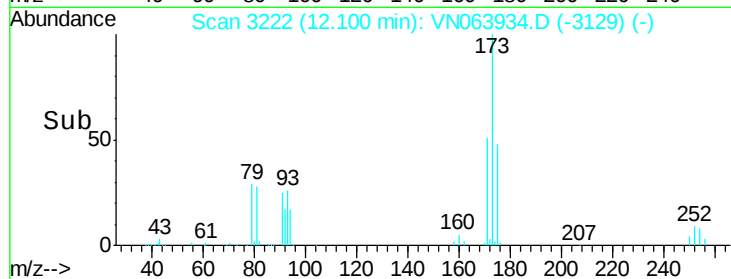
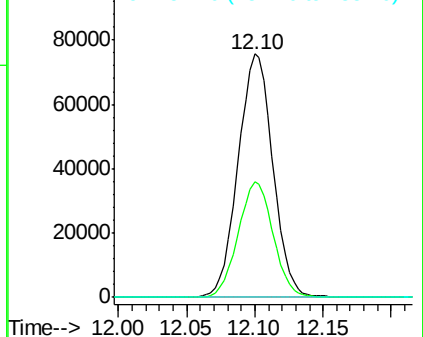


Abundance

Ion 172.70 (172.40 to 173.40): V

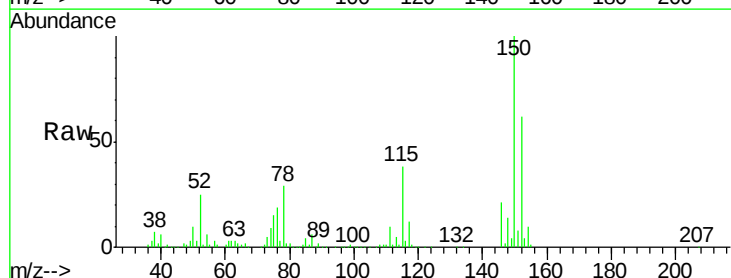
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.3	93.8
150	175.1	0.0	341.8

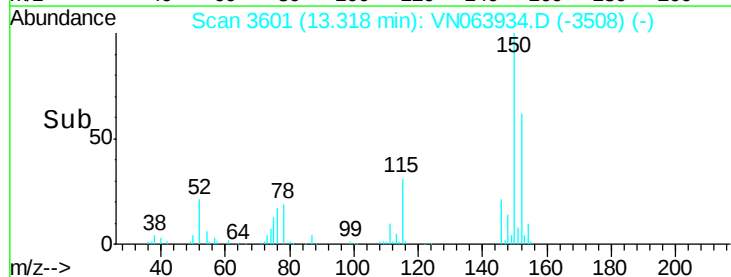
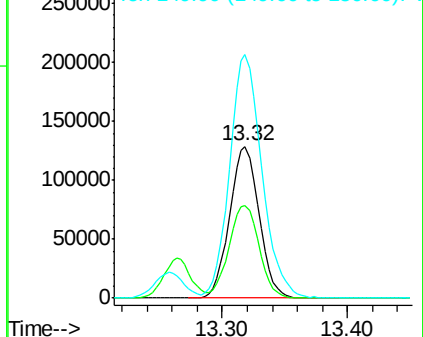


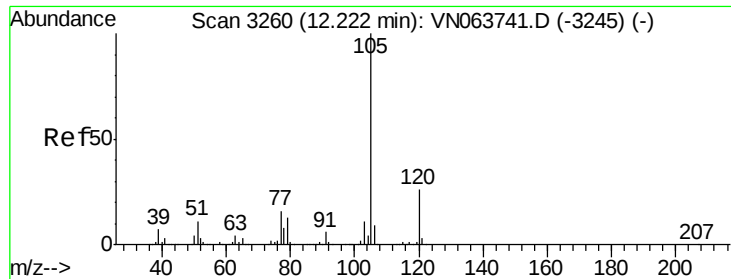
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.048 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 782658

Ion Ratio Lower Upper

105 100

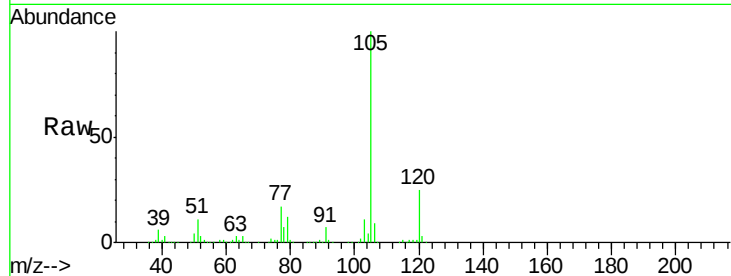
120 25.5 12.6 37.8

Manual Integrations

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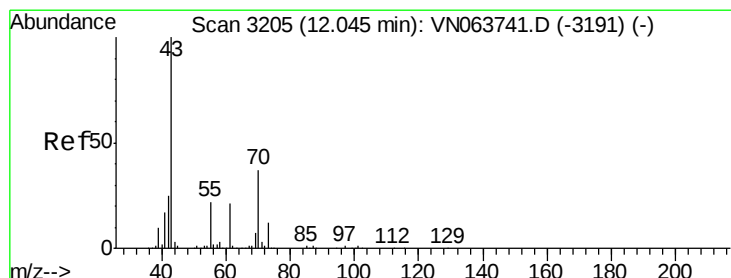
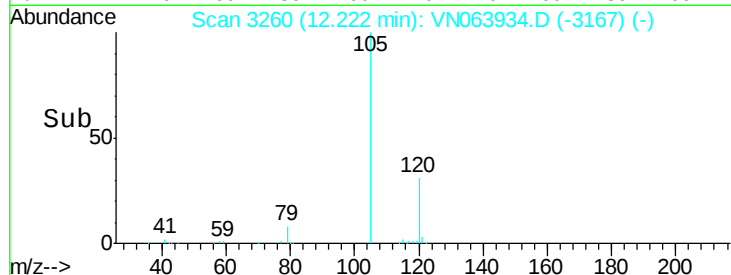
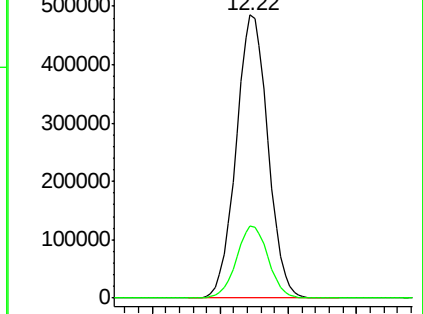
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.690 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Tgt Ion: 43 Resp: 353989

Ion Ratio Lower Upper

43 100

70 36.4 29.8 44.8

55 23.6 17.9 26.9

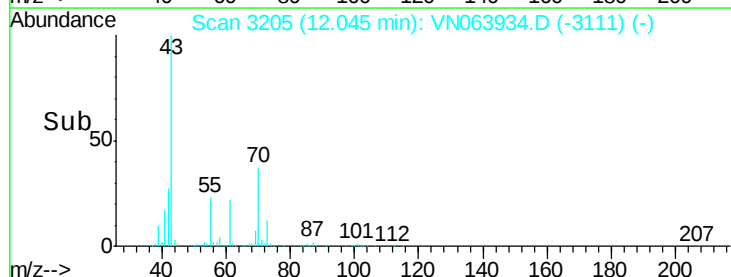
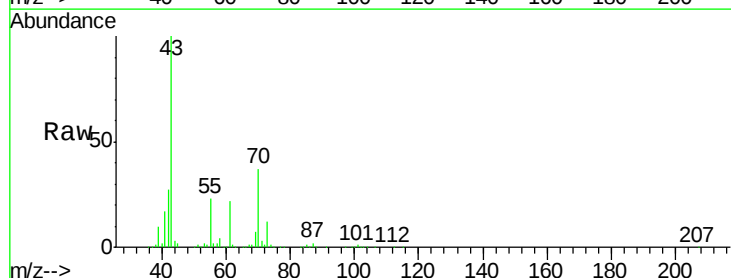
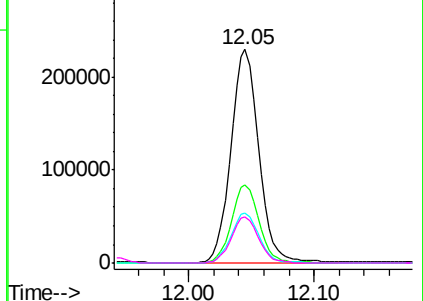
61 21.4 17.0 25.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.506 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 241474

Ion Ratio Lower Upper

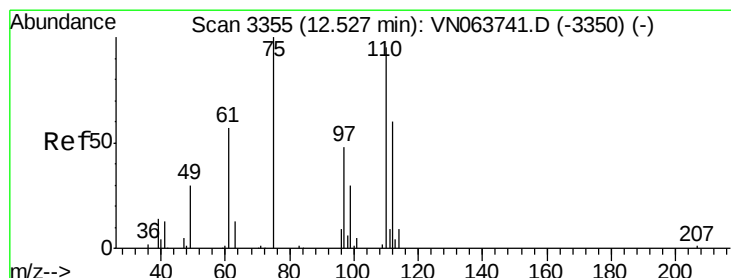
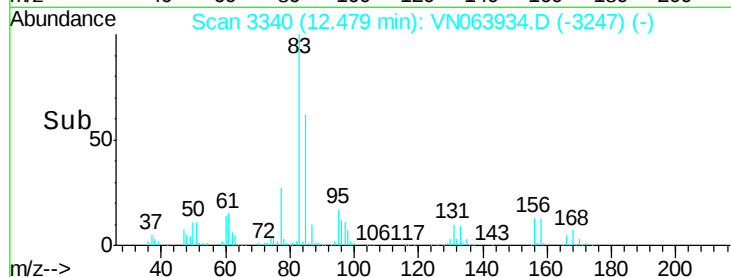
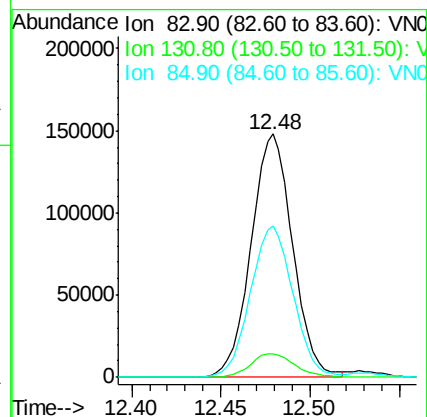
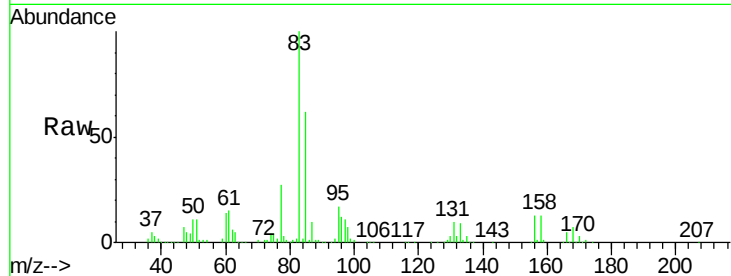
83 100

131 10.3 5.3 15.8

85 63.6 31.3 93.8

Manual Integrations
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10/8/2020 10:08:32 AM



#76

1,2,3-Trichloropropane

Concen: 48.845 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063934.D

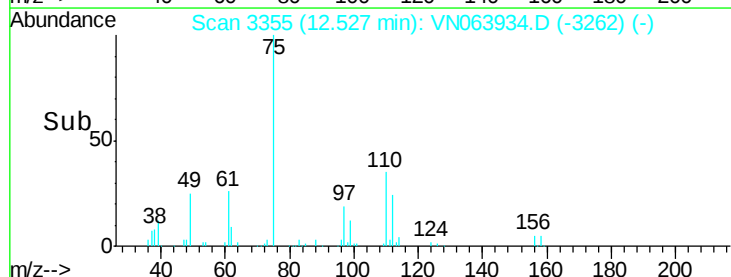
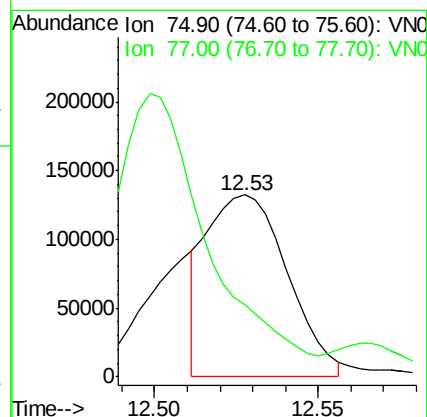
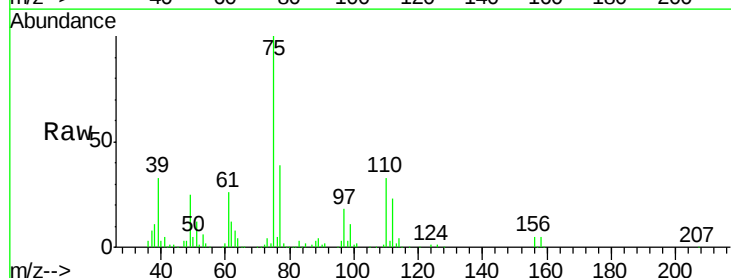
Acq: 7 Oct 2020 10:21

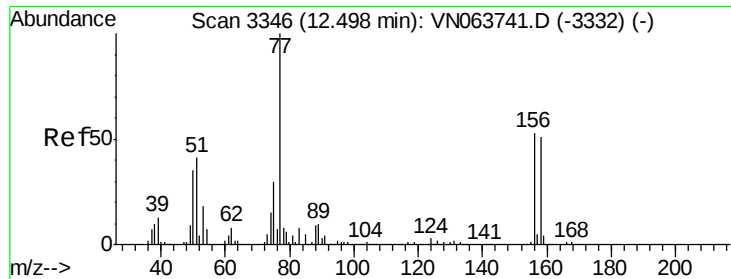
Tgt Ion: 75 Resp: 226329

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.603 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

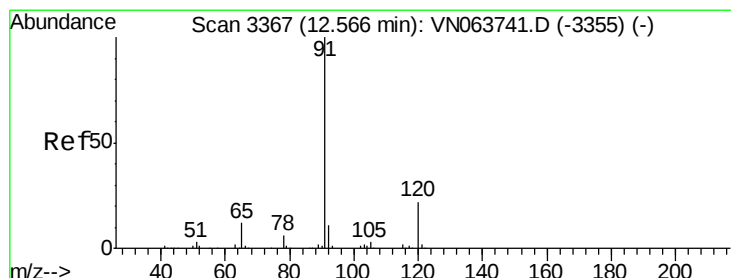
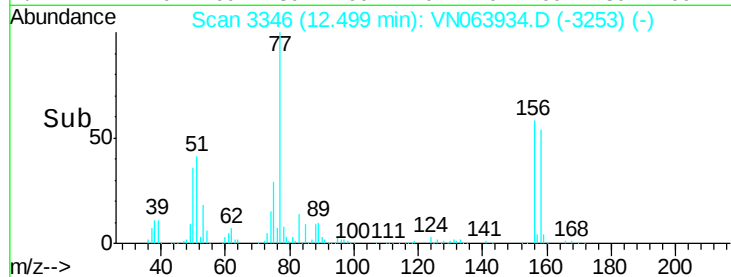
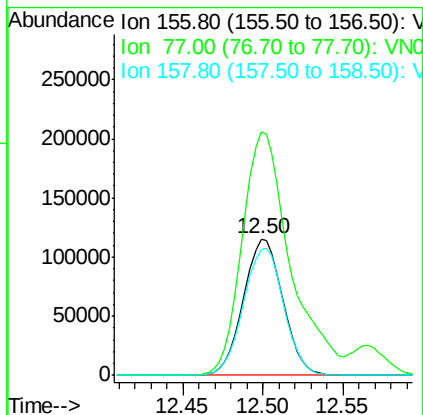
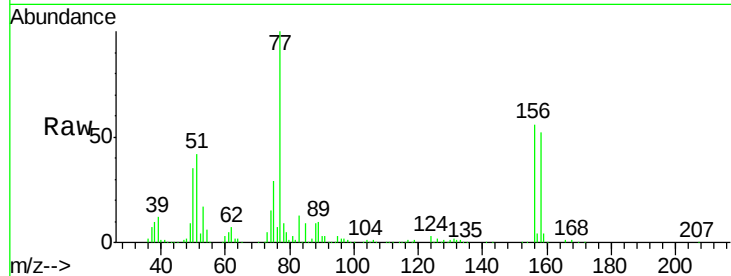
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	194132
Ion Ratio	Lower	Upper	
156	100		
77	218.7	110.9	332.7
158	95.7	47.7	143.1

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#78

n-propylbenzene

Concen: 51.068 ug/l

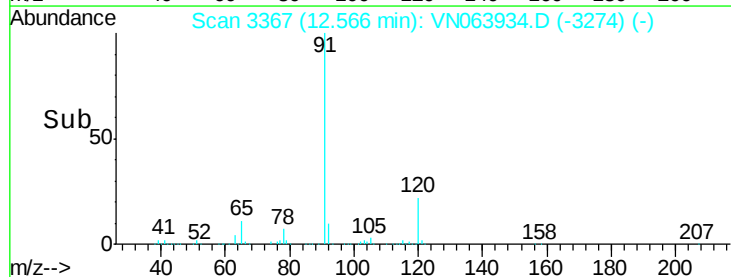
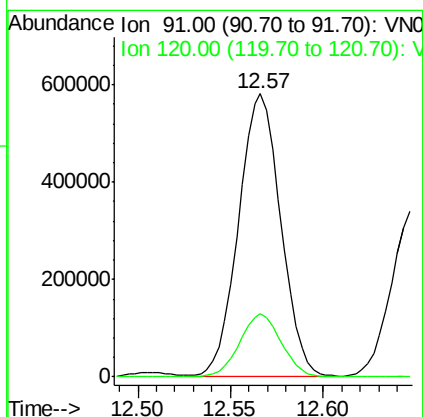
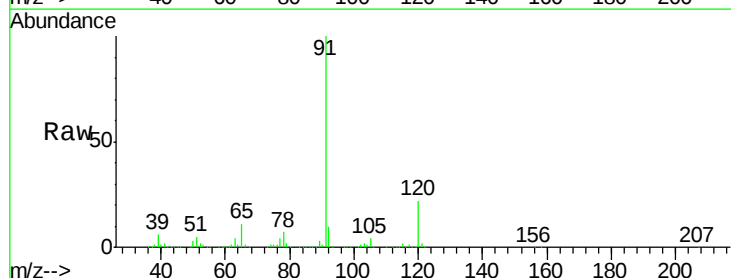
RT: 12.57 min Scan# 3367

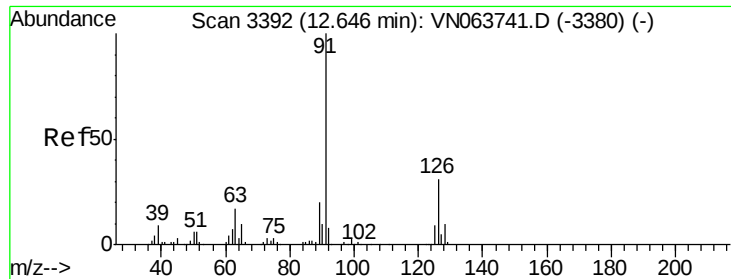
Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Tgt Ion:	91	Resp:	911216
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.1	33.1





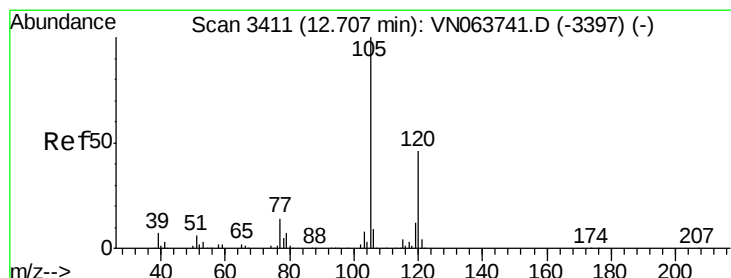
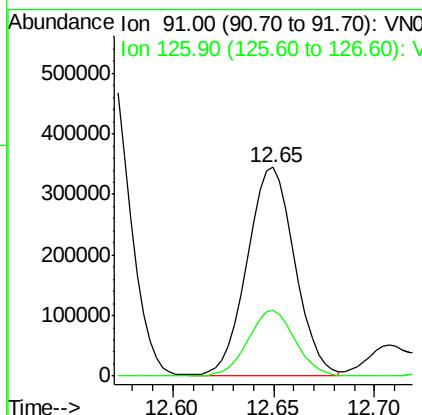
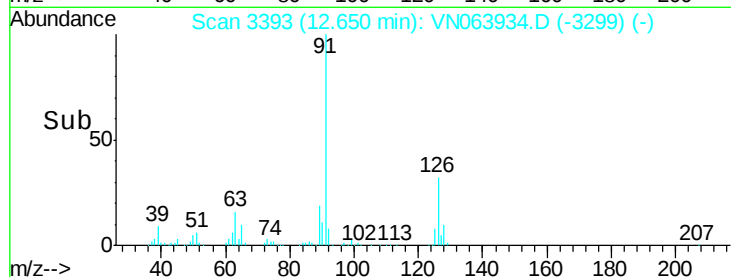
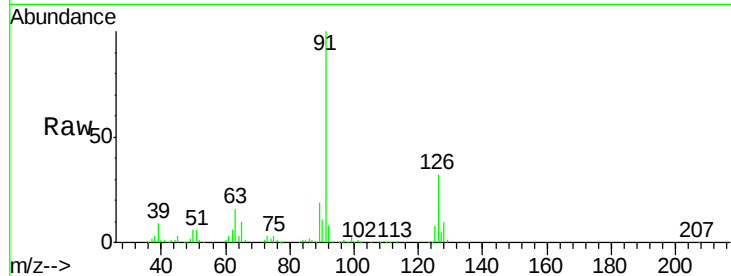
#79
 2-Chlorotoluene
 Concen: 51.509 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 565254
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.9 47.7

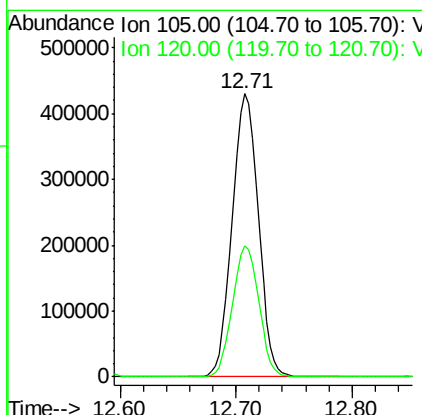
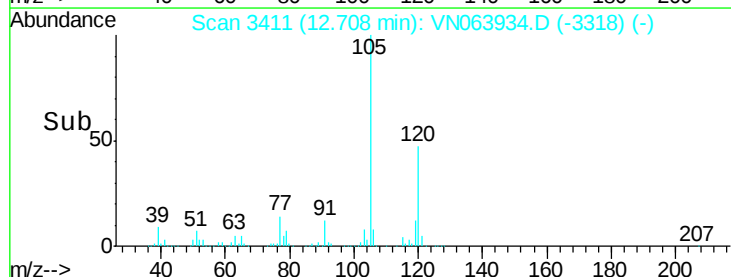
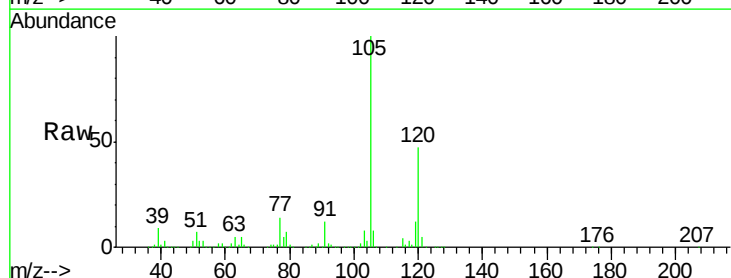
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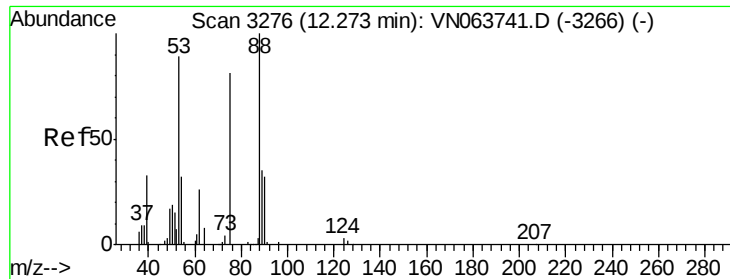
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.009 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 105 Resp: 668966
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9





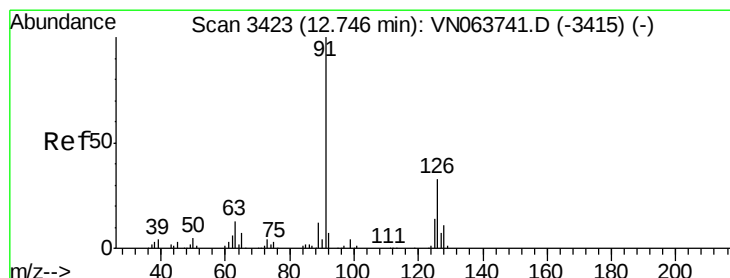
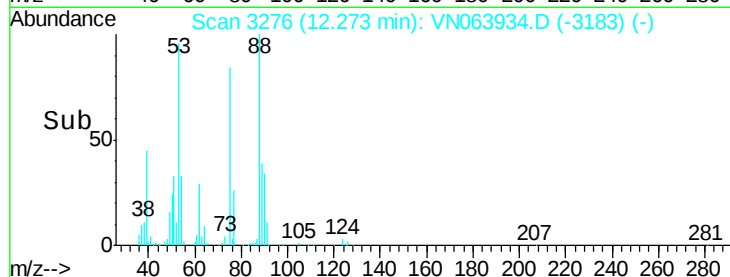
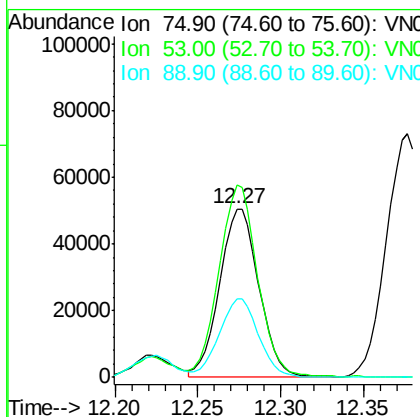
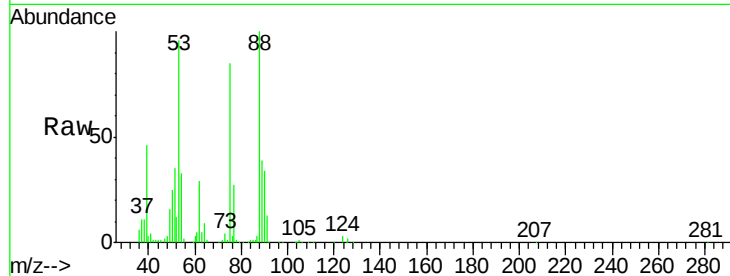
#81
trans-1,4-Dichloro-2-butene
Concen: 51.599 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.2	88.2	132.2
89	47.0	36.0	54.0

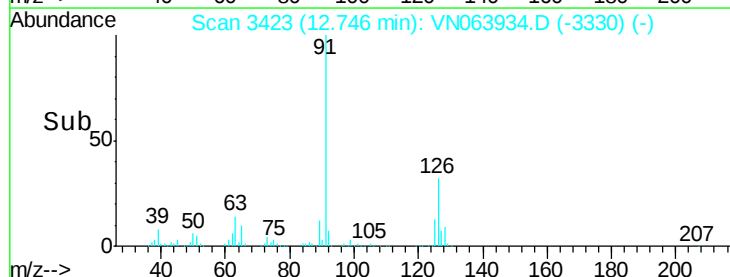
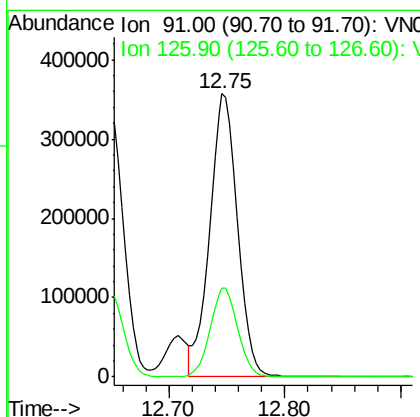
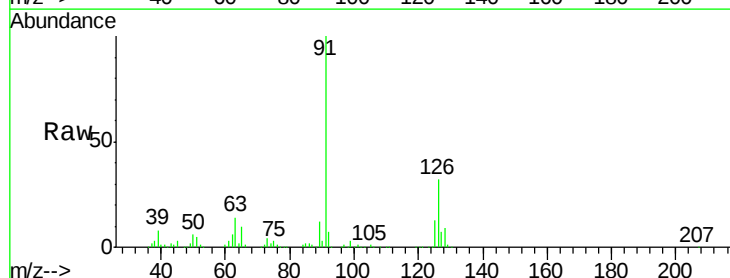
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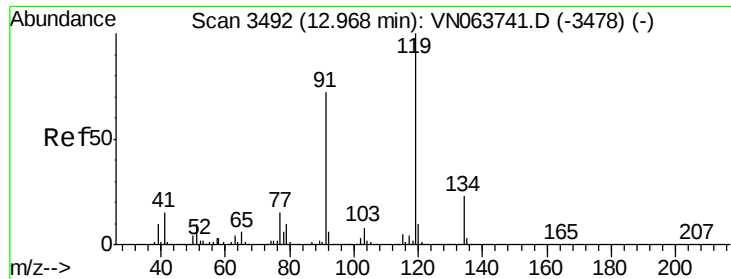
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#82
4-Chlorotoluene
Concen: 52.323 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





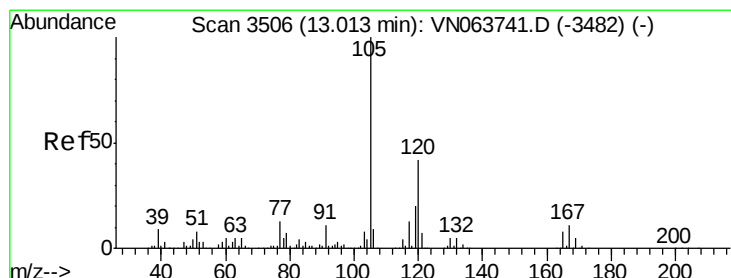
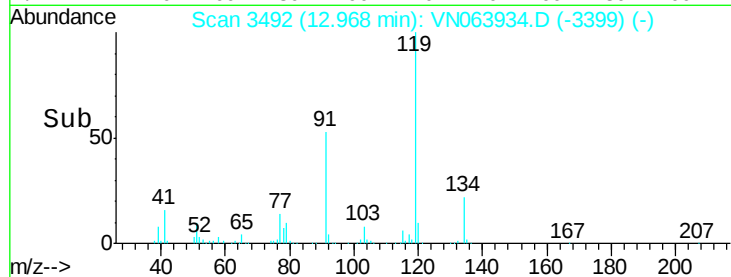
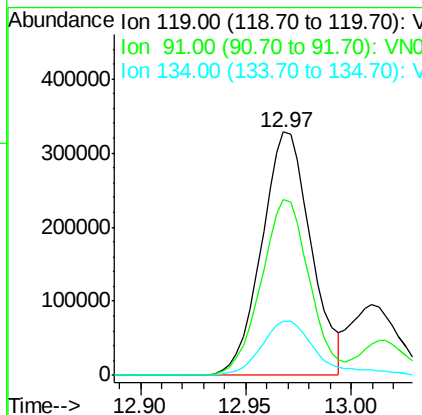
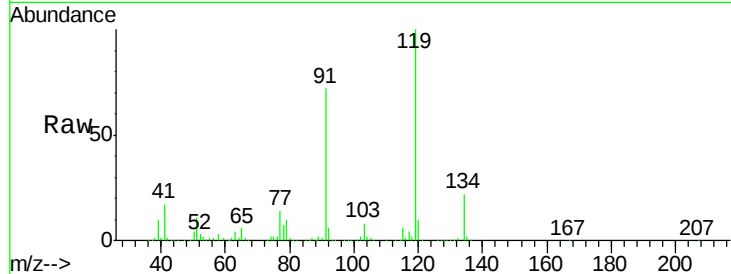
#83
tert-Butylbenzene
Concen: 50.827 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.4	35.5	106.5
134	24.9	11.7	35.1

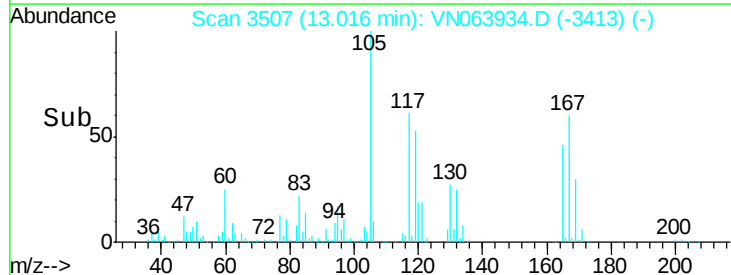
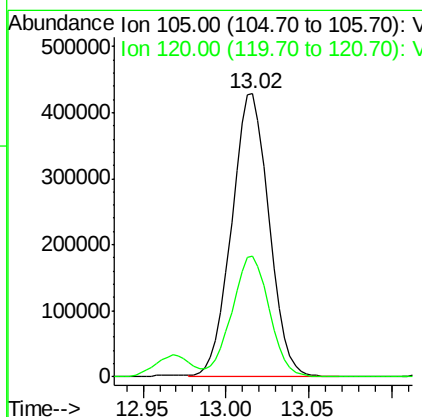
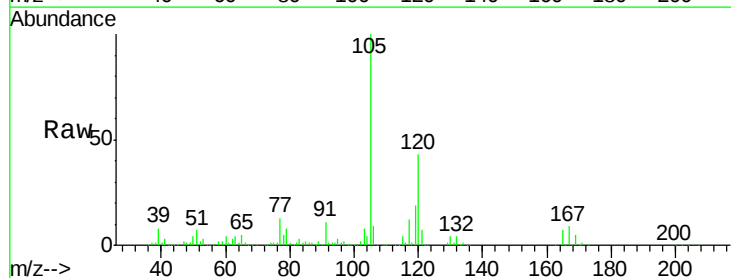
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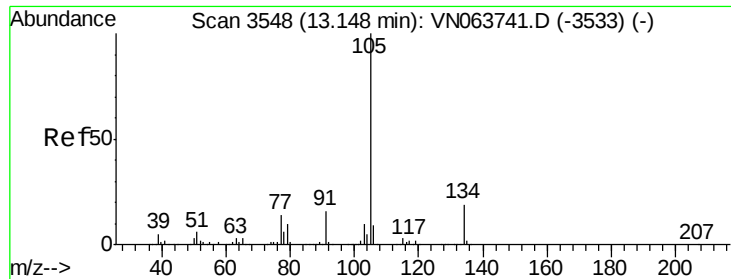
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#84
1,2,4-Trimethylbenzene
Concen: 52.074 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	20.9	62.7





#85

sec-Butylbenzene

Concen: 50.571 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 698842

Ion Ratio Lower Upper

105 100

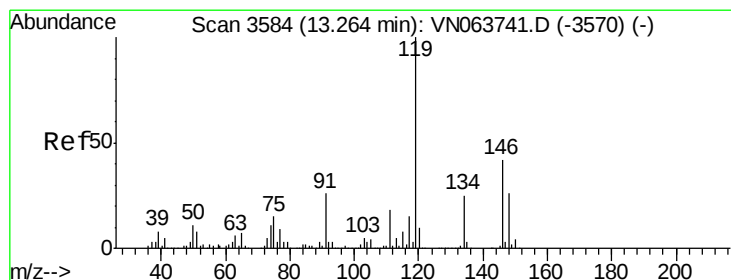
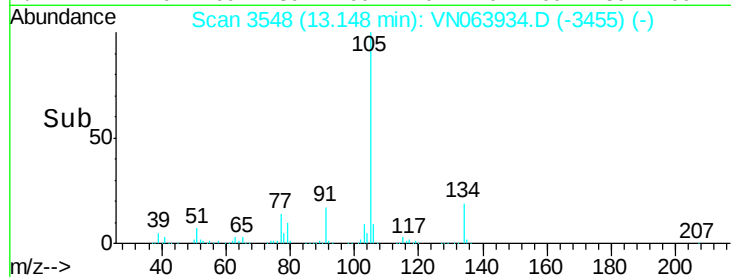
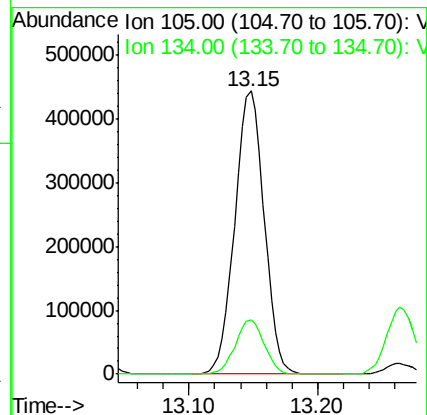
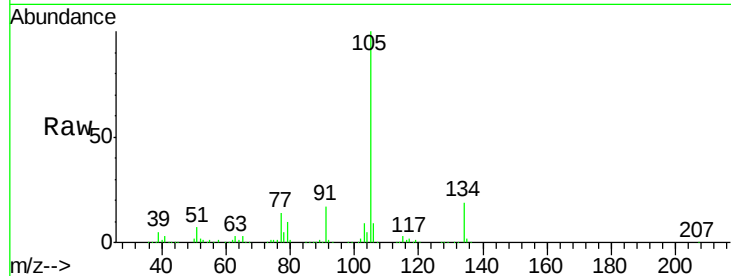
134 19.0 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 52.269 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

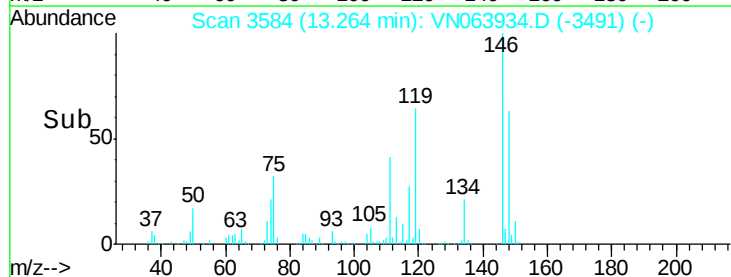
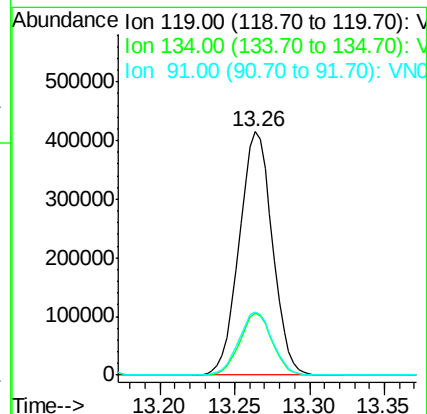
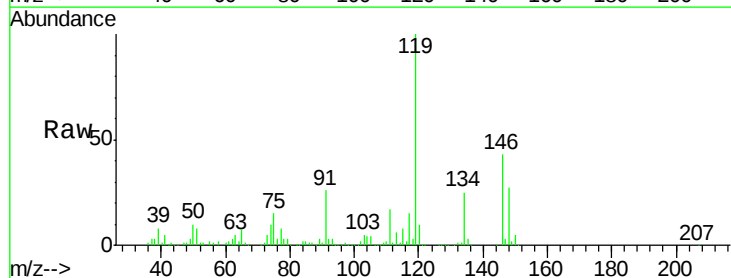
Tgt Ion:119 Resp: 638997

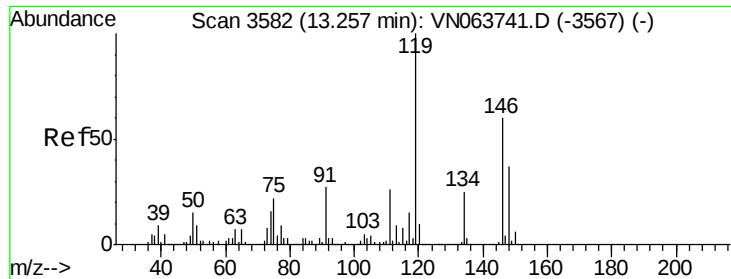
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 26.2 13.4 40.2





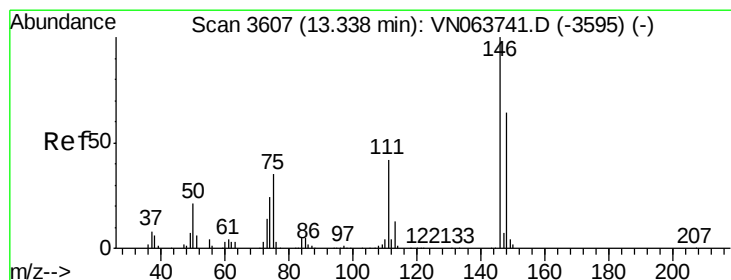
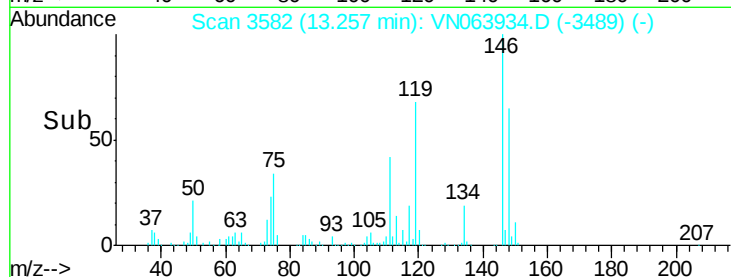
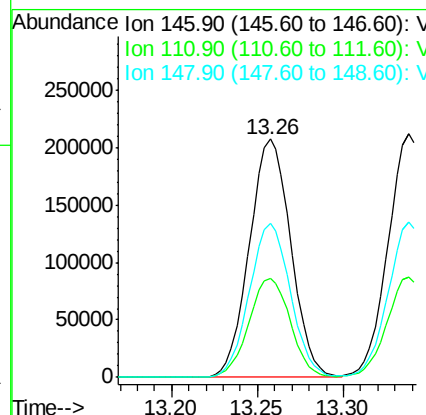
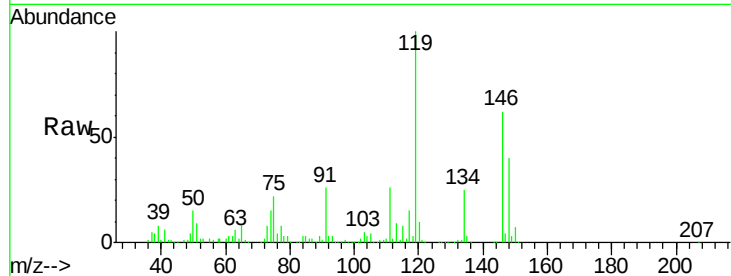
#87
 1,3-Dichlorobenzene
 Concen: 51.082 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.5	64.5
148	63.8	31.1	93.3

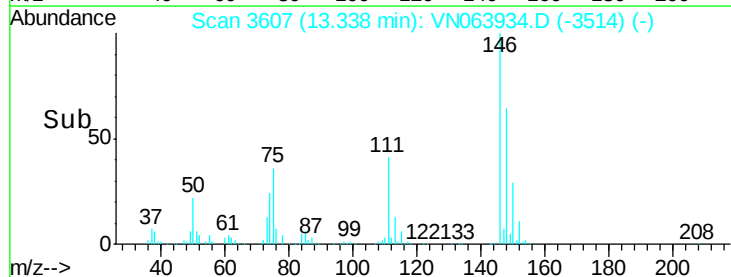
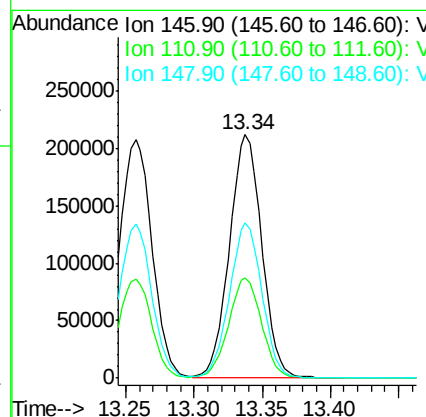
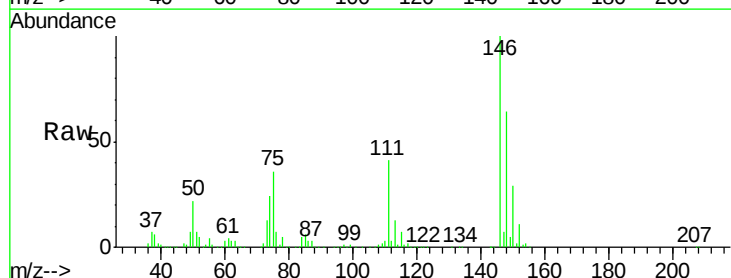
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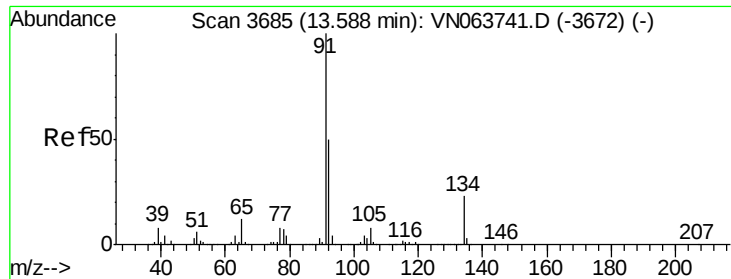
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#88
 1,4-Dichlorobenzene
 Concen: 49.202 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.7
148	63.7	32.0	96.0





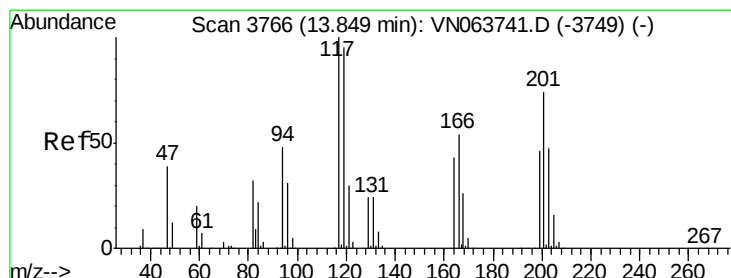
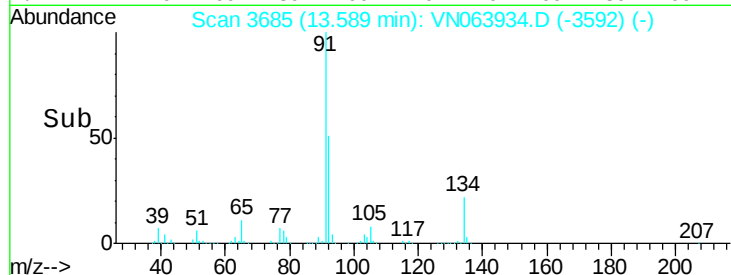
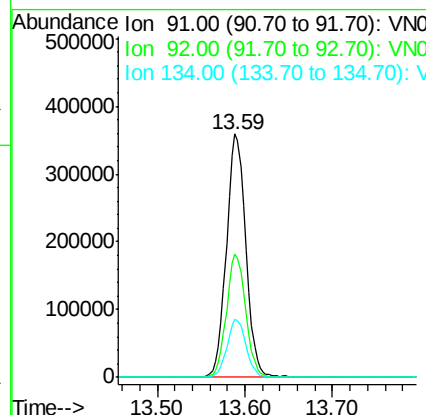
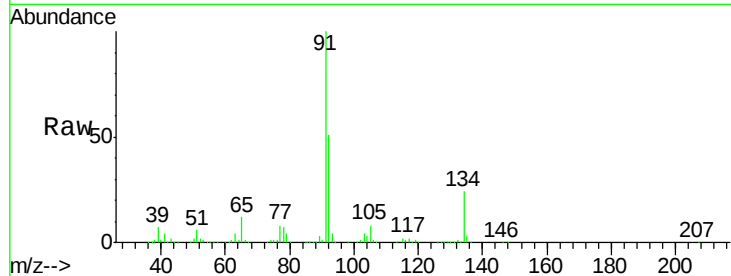
#89
n-Butylbenzene
Concen: 49.217 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		555330		
92	50.1	25.4		76.4	
134	23.4	11.7		35.1	

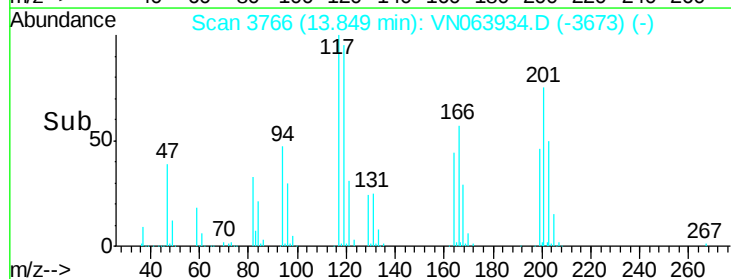
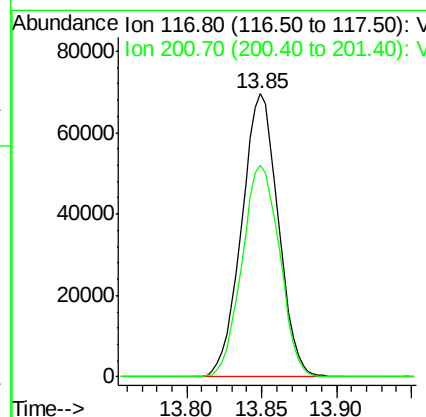
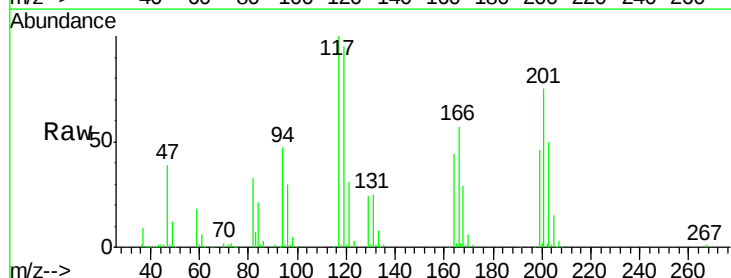
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#90
Hexachloroethane
Concen: 49.971 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		118378		
201	76.9	36.0		108.0	





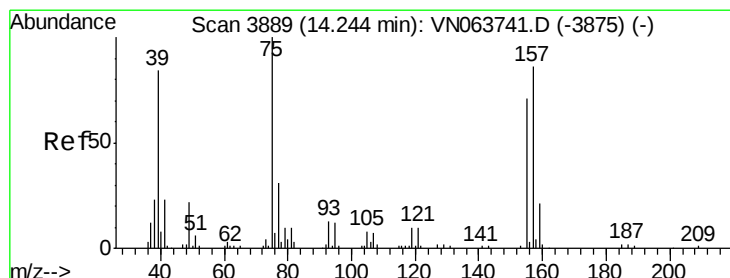
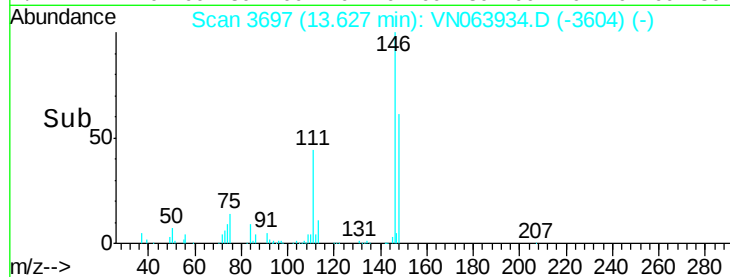
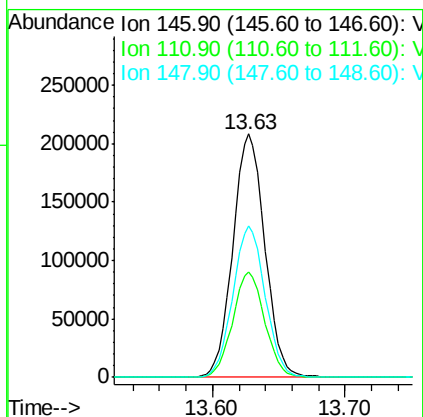
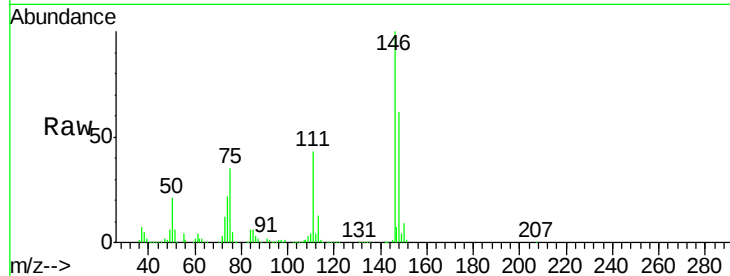
#91
 1,2-Dichlorobenzene
 Concen: 51.769 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.2	66.6
148	63.0	32.5	97.4

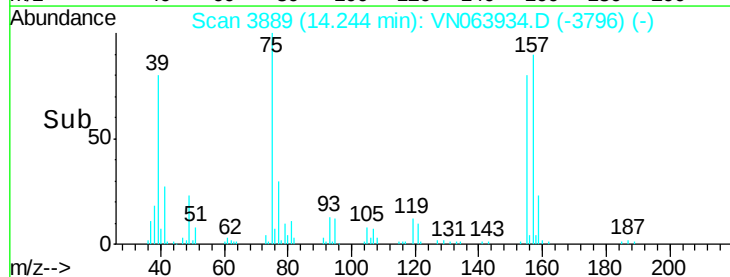
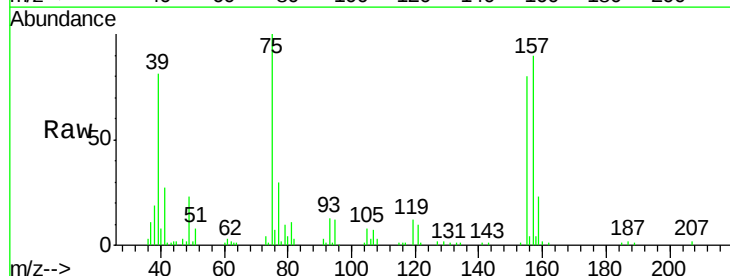
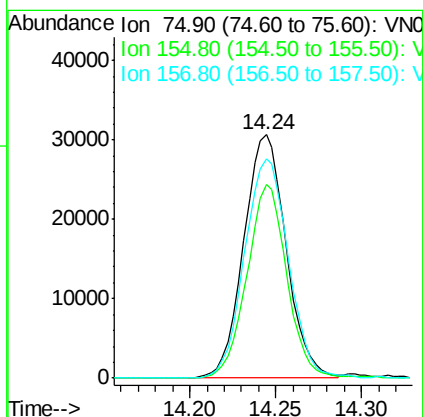
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.777 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.7	34.8	104.5
157	93.0	43.7	131.1





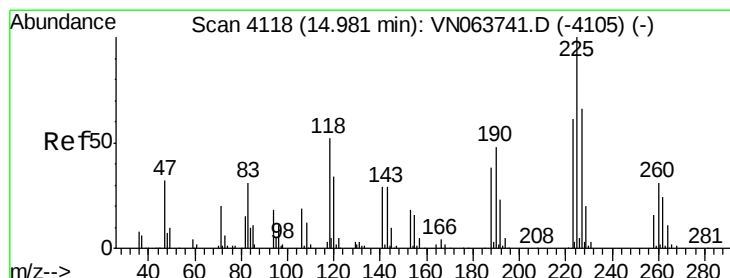
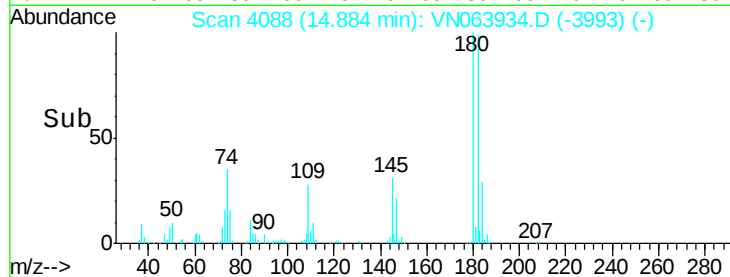
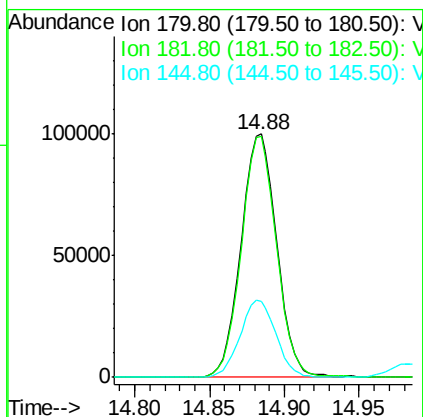
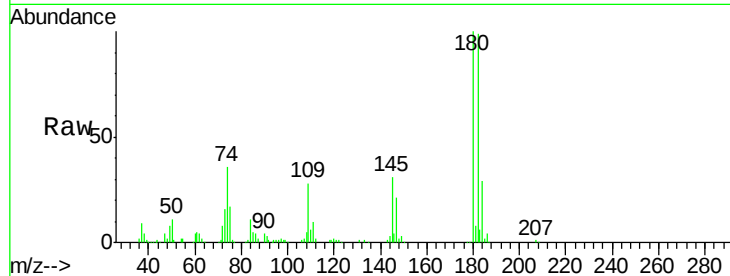
#93
 1,2,4-Trichlorobenzene
 Concen: 45.428 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165918		
182	97.5	48.2	144.6	
145	31.9	17.1	51.2	

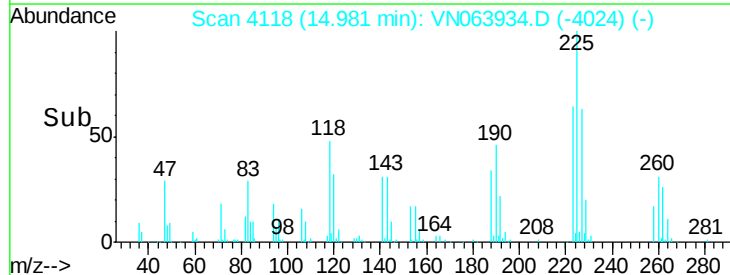
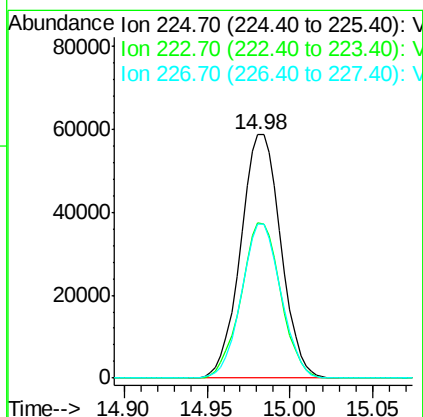
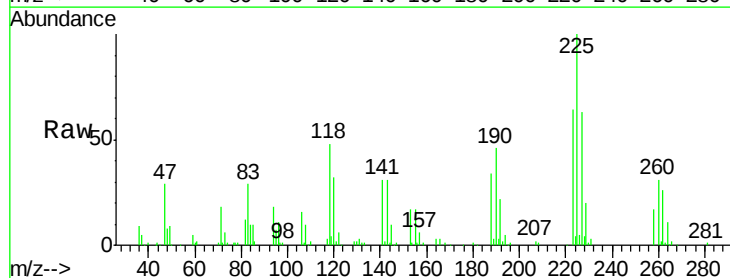
Manual Integrations
 APPROVED

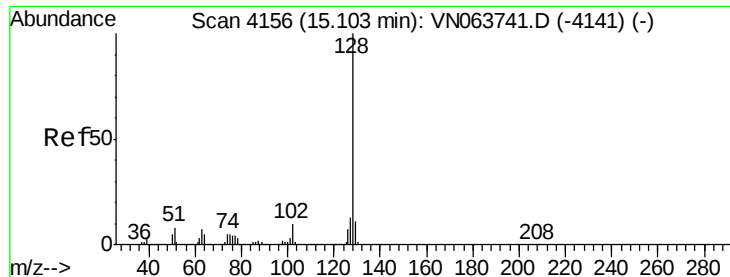
MMDadoda
 10/8/2020 10:08:32 AM



#94
 Hexachlorobutadiene
 Concen: 54.115 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98920		
223	62.9	30.3	91.0	
227	62.0	31.9	95.5	





#95

Naphthalene

Concen: 42.533 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

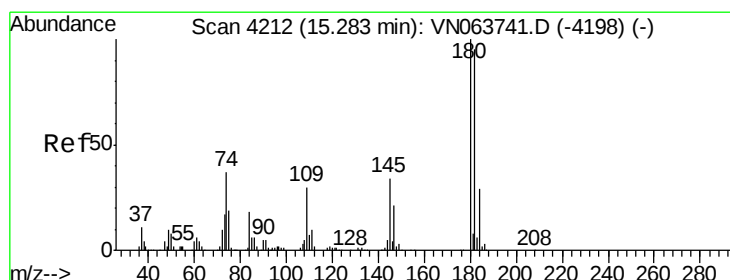
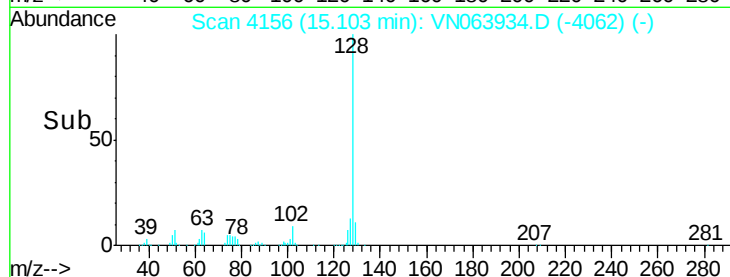
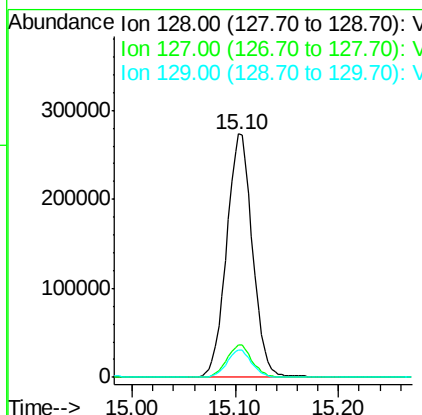
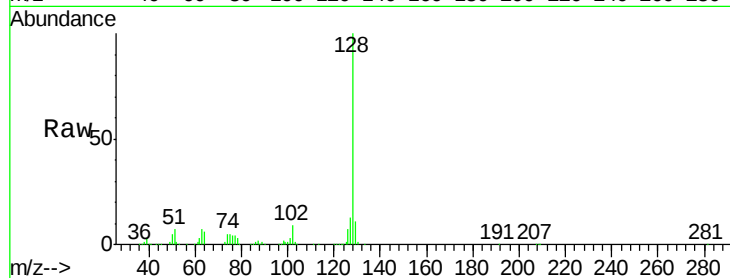
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	479016
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:08:32 AM



#96

1,2,3-Trichlorobenzene

Concen: 45.369 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Tgt Ion:	180	Resp:	160766
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.9	143.6
145	34.1	17.2	51.5

