

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063647.D
 Acq On : 24 Sep 2020 23:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:17:22 PM

Quant Time: Sep 25 05:53:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	204974	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	7.55	113	141949	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.06	98	542322	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.38	95	206721	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	118925	45.357	ug/l	98
3) Chloromethane	2.04	50	144952	41.790	ug/l	99
4) Vinyl Chloride	2.17	62	147575	48.021	ug/l	99
5) Bromomethane	2.53	94	91789	50.306	ug/l	98
6) Chloroethane	2.67	64	93601	49.619	ug/l	95
7) Trichlorofluoromethane	2.99	101	245095	53.456	ug/l	94
8) Diethyl Ether	3.38	74	83467	46.698	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	124317	48.212	ug/l	97
10) Methyl Iodide	3.91	142	159578	47.535	ug/l	98
11) Tert butyl alcohol	4.73	59	112698	206.488	ug/l	99
12) 1,1-Dichloroethene	3.70	96	121800	46.636	ug/l	99
13) Acrolein	3.57	56	56477	279.230	ug/l	98
14) Allyl chloride	4.28	41	229164	44.359	ug/l	96
15) Acrylonitrile	4.93	53	332960	239.834	ug/l	99
16) Acetone	3.78	43	302216	238.690	ug/l	98
17) Carbon Disulfide	4.02	76	316204	41.623	ug/l	100
18) Methyl Acetate	4.28	43	165322	51.434	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	462427	47.506	ug/l	98
20) Methylene Chloride	4.50	84	149987	46.755	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	135051	46.672	ug/l	95
22) Diisopropyl ether	5.90	45	501666	47.614	ug/l	100
23) Vinyl Acetate	5.85	43	2065256	238.676	ug/l	99
24) 1,1-Dichloroethane	5.80	63	275400	47.877	ug/l	99
25) 2-Butanone	6.78	43	461031	236.754	ug/l	99
26) 2,2-Dichloropropane	6.78	77	194867	38.477	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	159695	48.759	ug/l	99
28) Bromochloromethane	7.15	49	141480	53.269	ug/l	98
29) Tetrahydrofuran	7.17	42	315477	237.207	ug/l	98
30) Chloroform	7.33	83	290940	50.413	ug/l	96
31) Cyclohexane	7.62	56	223858	41.142	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	254120	49.507	ug/l	98
36) 1,1-Dichloropropene	7.76	75	203380	47.568	ug/l	100
37) Ethyl Acetate	6.88	43	203122	48.405	ug/l #	95
38) Carbon Tetrachloride	7.73	117	217534	49.842	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	200578	43.225	ug/l	99
40) Benzene	8.00	78	601885	49.314	ug/l	98
41) Methacrylonitrile	7.13	41	97138	51.468	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	248447	50.618	ug/l	100
43) Isopropyl Acetate	8.13	43	342065	45.588	ug/l	99
44) Trichloroethene	8.80	130	144788	48.910	ug/l	99
45) 1,2-Dichloropropane	9.08	63	163620	49.221	ug/l	98
46) Dibromomethane	9.17	93	110908	50.763	ug/l	99
47) Bromodichloromethane	9.37	83	234643	51.696	ug/l	99
48) Methyl methacrylate	9.17	41	178890	48.526	ug/l	99
49) 1,4-Dioxane	9.17	88	44953	849.726	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1054271	250.978	ug/l	99
52) Toluene	10.13	92	374697	51.061	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	238292	47.026	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	255104	47.729	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	151335	51.920	ug/l	97
56) Ethyl methacrylate	10.40	69	222195	48.831	ug/l	98
57) 1,3-Dichloropropane	10.68	76	262616	49.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	572509	239.847	ug/l	98
59) 2-Hexanone	10.72	43	761000	250.061	ug/l	100
60) Dibromochloromethane	10.87	129	168095	51.048	ug/l	100
61) 1,2-Dibromoethane	10.98	107	153658	50.742	ug/l	98
64) Tetrachloroethene	10.60	164	135347	52.456	ug/l	99
65) Chlorobenzene	11.41	112	388694	48.324	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	149559	50.725	ug/l	98
67) Ethyl Benzene	11.49	91	737030	48.658	ug/l	99
68) m/p-Xylenes	11.59	106	542129	99.266	ug/l	99
69) o-Xylene	11.92	106	261598	50.283	ug/l	97
70) Styrene	11.94	104	451186	51.715	ug/l	99
71) Bromoform	12.10	173	112835	51.370	ug/l #	100
73) Isopropylbenzene	12.23	105	707943	48.470	ug/l	99
74) N-amyl acetate	12.04	43	318810	46.111	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	214904	47.520	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	206428m	45.758	ug/l	
77) Bromobenzene	12.50	156	167374	50.944	ug/l	95
78) n-propylbenzene	12.57	91	820092	48.208	ug/l	100
79) 2-Chlorotoluene	12.65	91	496673	48.705	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	596151	48.948	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	69731	42.377	ug/l	94
82) 4-Chlorotoluene	12.75	91	524561	48.685	ug/l	100
83) tert-Butylbenzene	12.97	119	477666	47.519	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	610498	49.625	ug/l	100
85) sec-Butylbenzene	13.15	105	636838	47.330	ug/l	100
86) p-Isopropyltoluene	13.26	119	570307	48.055	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	303293	49.806	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	300345	48.512	ug/l	98
89) n-Butylbenzene	13.59	91	504329	46.103	ug/l	99
90) Hexachloroethane	13.85	117	104380	46.189	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	300844	50.320	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48146	44.708	ug/l	98

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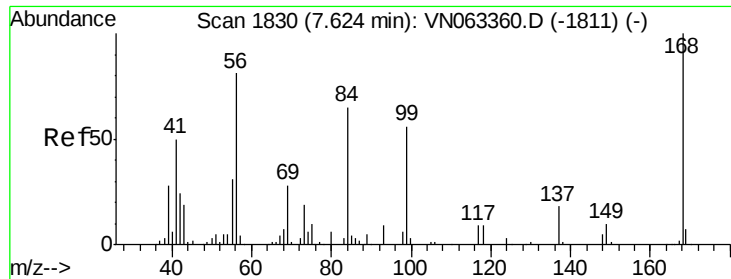
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	161012	45.683	ug/l	99
94) Hexachlorobutadiene	14.98	225	76679	52.551	ug/l	99
95) Naphthalene	15.10	128	515149	44.240	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	156118	45.843	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 231437

Ion Ratio Lower Upper

168 100

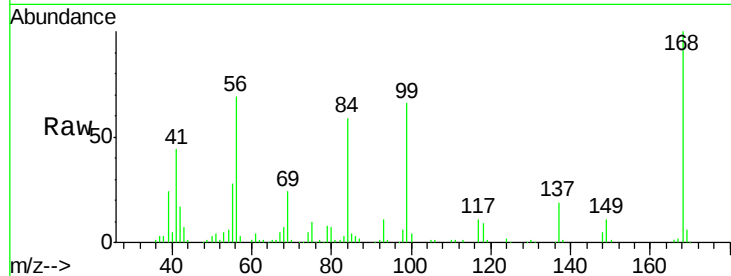
99 65.9 53.0 79.6

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

7.63

100000

80000

60000

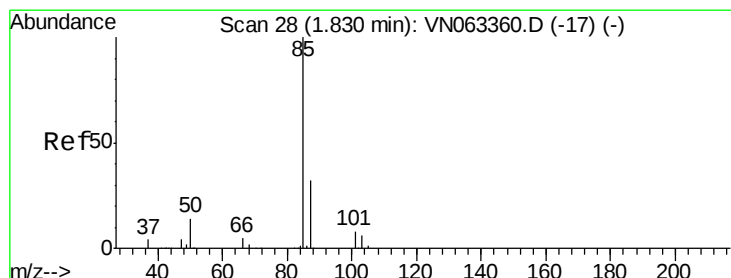
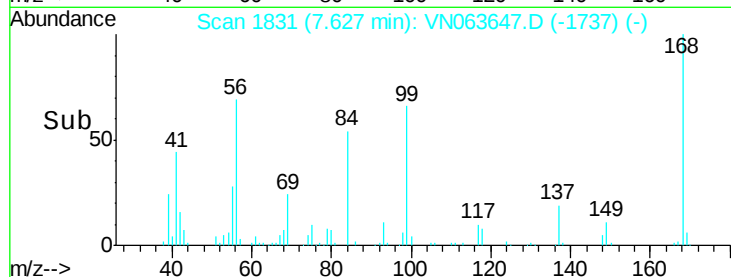
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.357 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063647.D

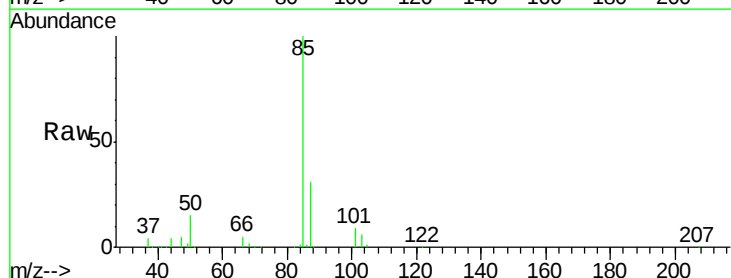
Acq: 24 Sep 2020 23:03

Tgt Ion: 85 Resp: 118925

Ion Ratio Lower Upper

85 100

87 30.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

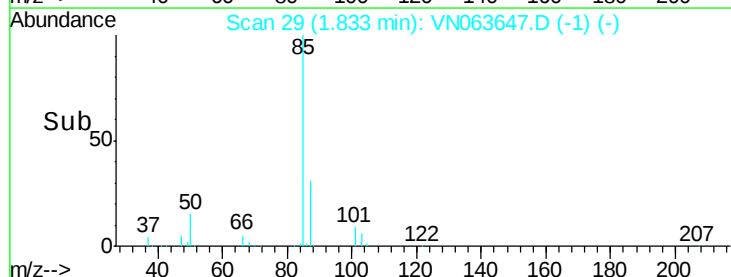
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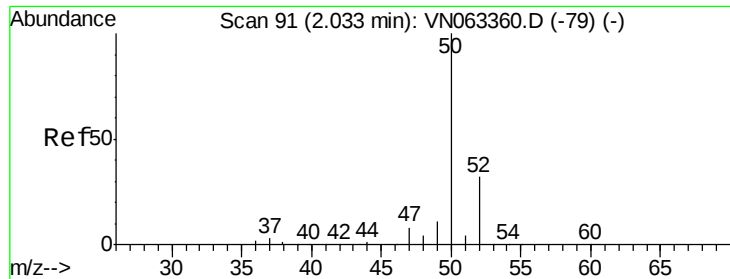
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 41.790 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 144952

Ion Ratio Lower Upper

50 100

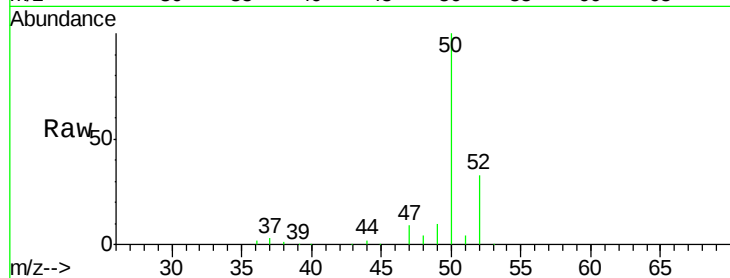
52 32.9 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

100000

80000

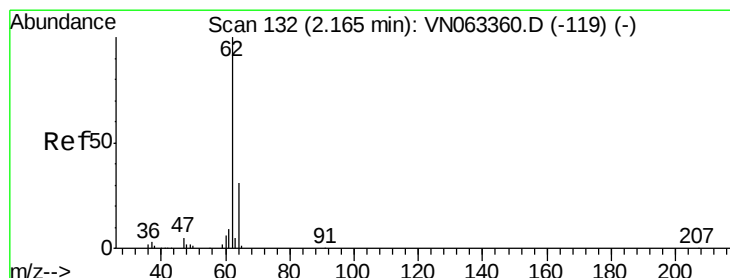
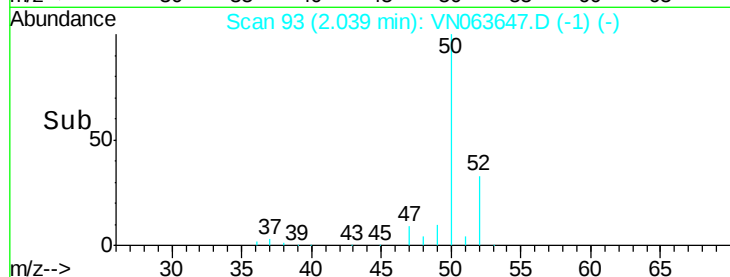
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 48.021 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063647.D

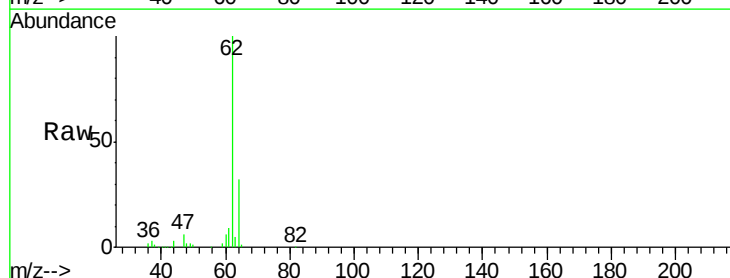
Acq: 24 Sep 2020 23:03

Tgt Ion: 62 Resp: 147575

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

100000

80000

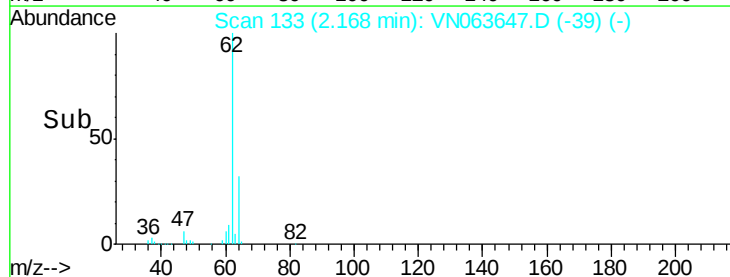
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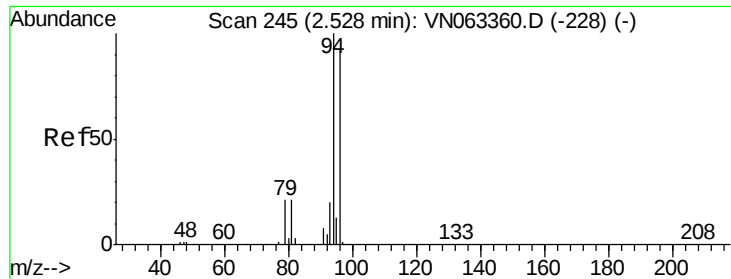
40000

20000

0

Time-->





#5

Bromomethane

Concen: 50.306 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 91789

Ion Ratio Lower Upper

94 100

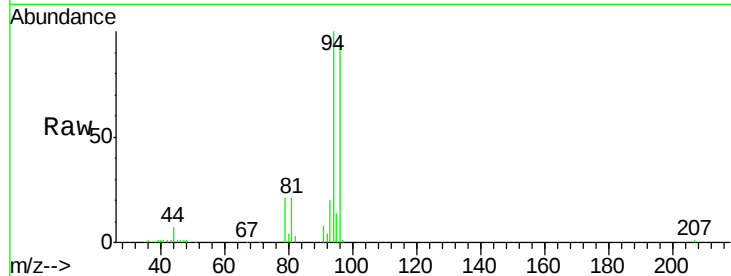
96 95.4 74.5 111.7

Manual Integrations

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9/28/2020 5:17:22 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

50000

40000

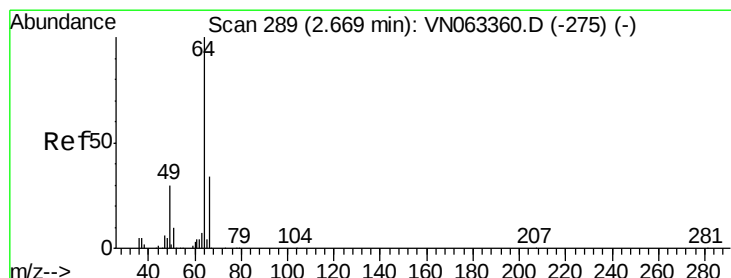
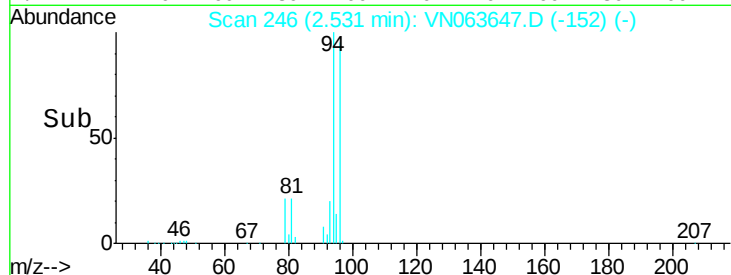
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 49.619 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063647.D

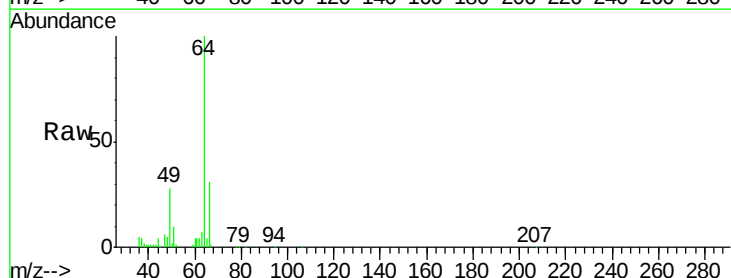
Acq: 24 Sep 2020 23:03

Tgt Ion: 64 Resp: 93601

Ion Ratio Lower Upper

64 100

66 30.9 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

50000

40000

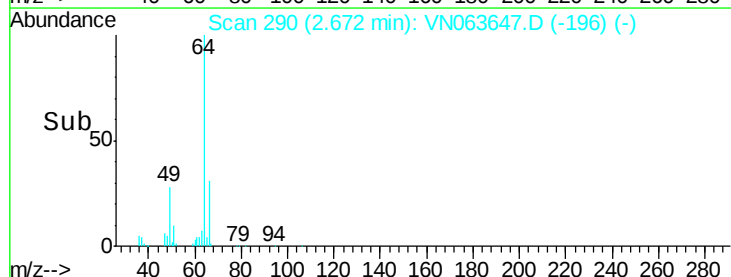
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Time-->





#7

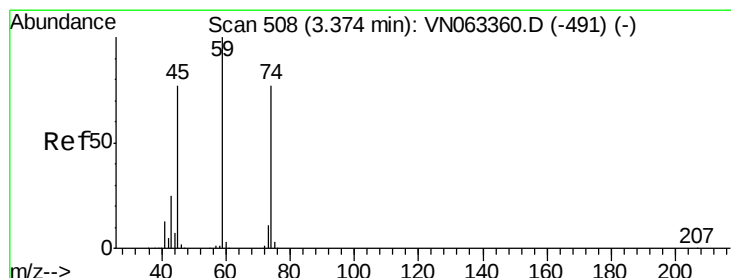
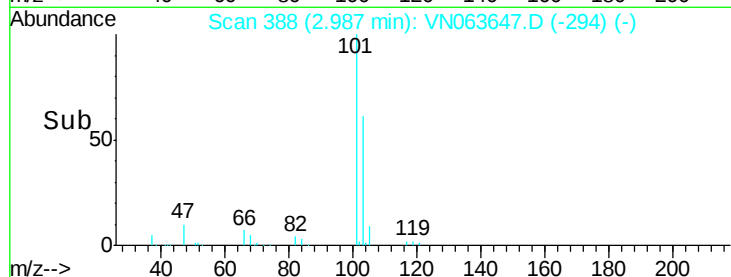
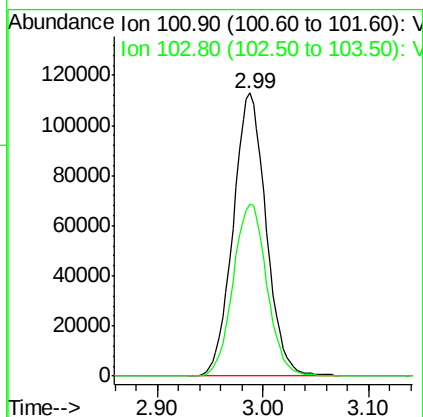
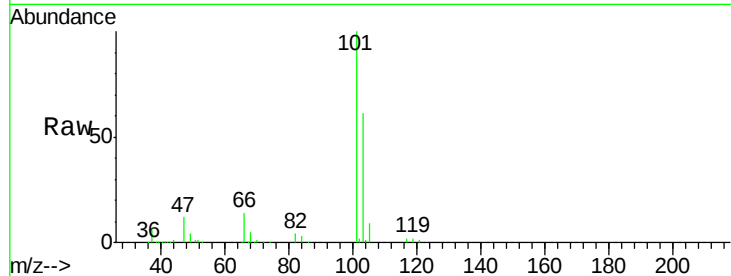
Trichlorofluoromethane
 Concen: 53.456 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.7	52.3	78.5

Manual Integrations
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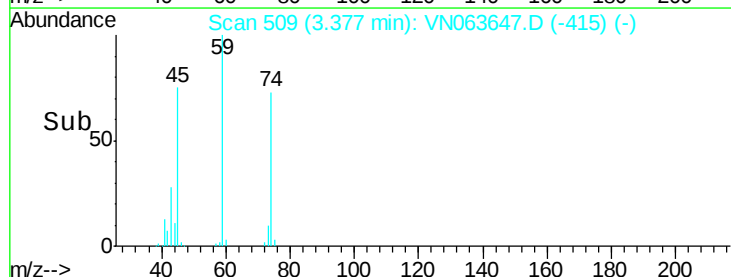
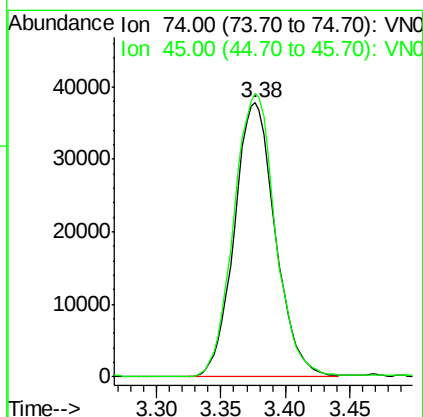
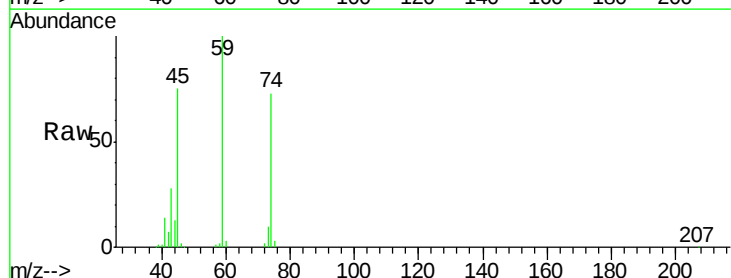
MMDadoda
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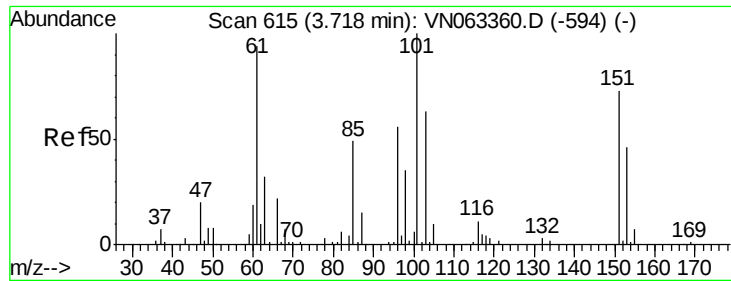


#8

Diethyl Ether
 Concen: 46.698 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.4	52.1	156.4





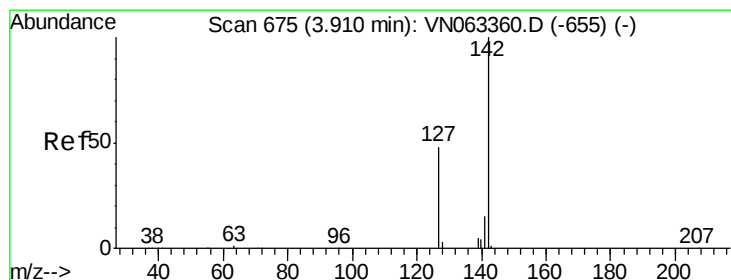
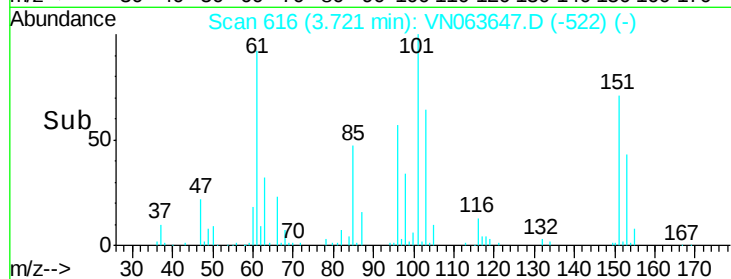
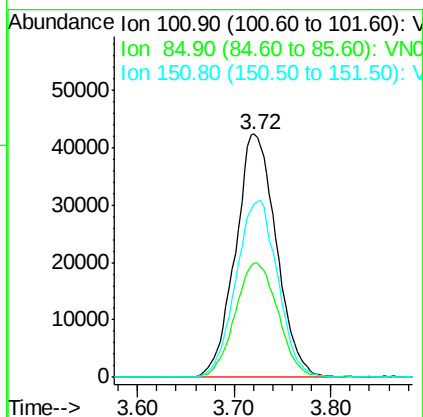
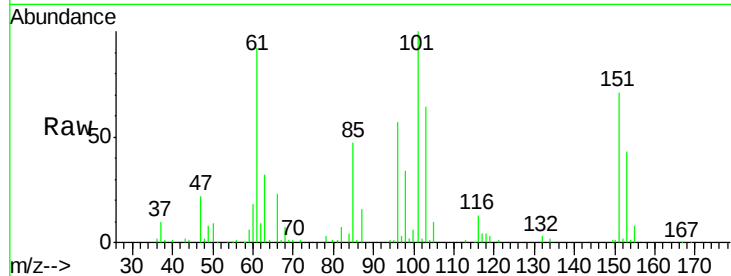
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.212 ug/l
RT: 3.72 min Scan# 616
Delta R.T. 0.00 min
Lab File: VN063647.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	49.4	37.7	56.5
151	74.1	57.7	86.5

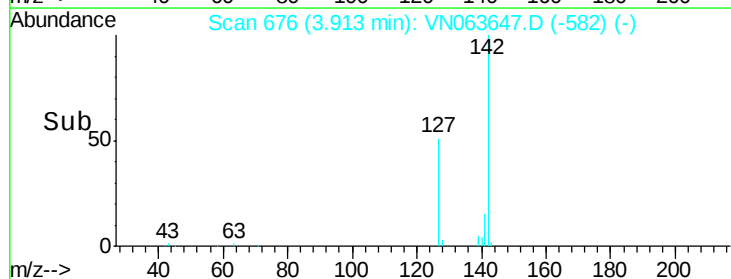
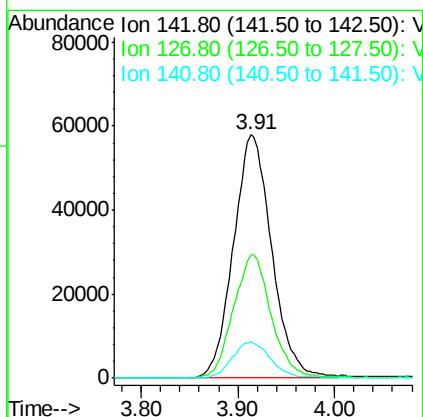
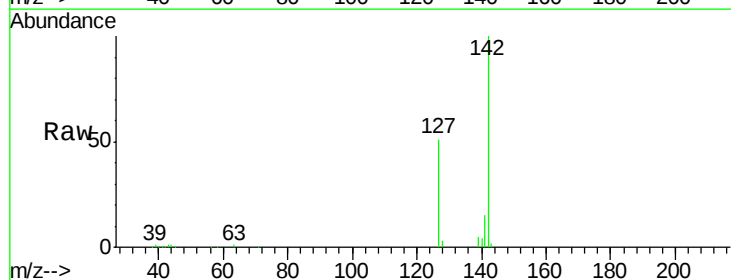
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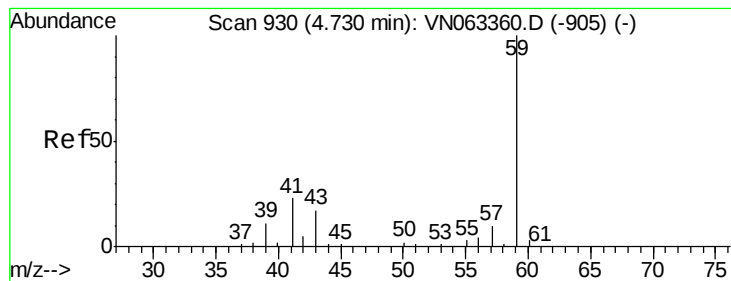
MMDadoda
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#10
Methyl Iodide
Concen: 47.535 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
142	100		
127	50.2	39.0	58.6
141	14.9	11.6	17.4





#11

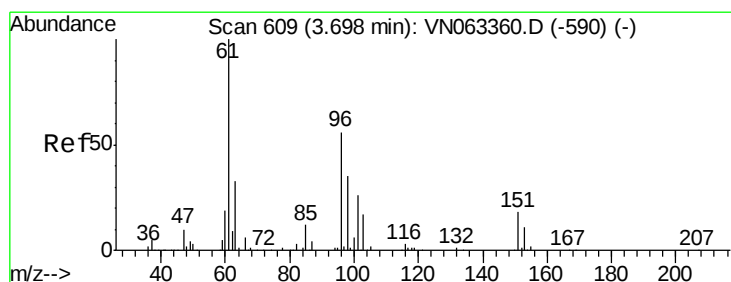
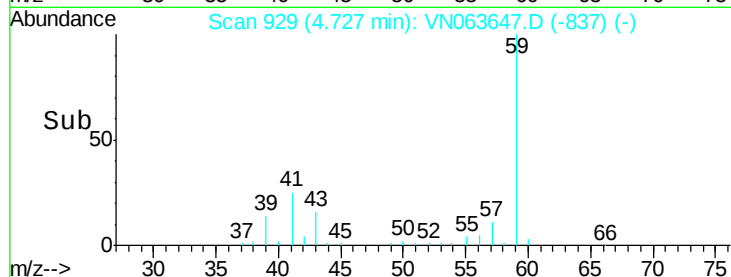
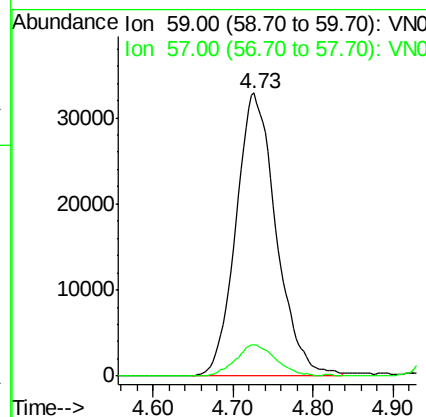
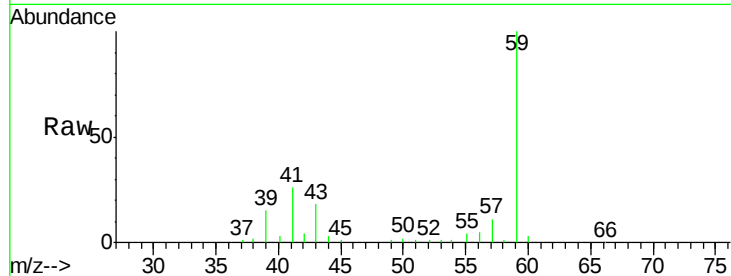
Tert butyl alcohol
 Concen: 206.488 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

Manual Integrations
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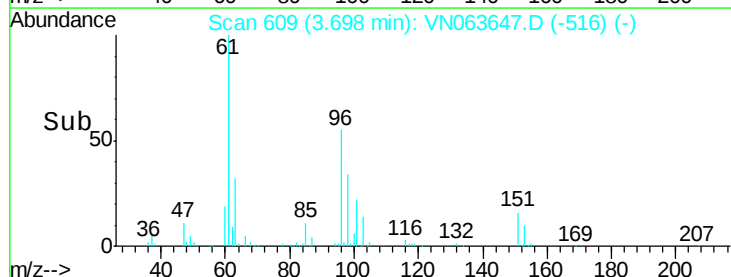
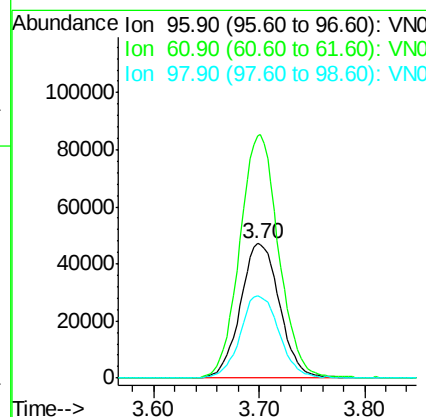
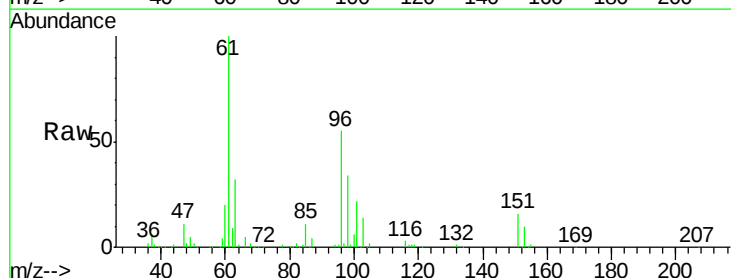
MMDadoda
 9/28/2020 5:17:22 PM

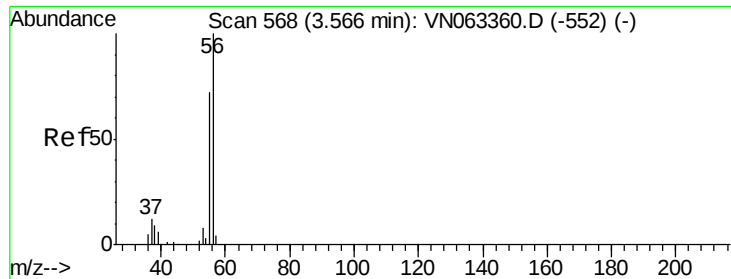


#12

1,1-Dichloroethene
 Concen: 46.636 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.5	143.4	215.2
98	61.0	50.6	76.0





#13

Acrolein

Concen: 279.230 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 56477

Ion Ratio Lower Upper

56 100

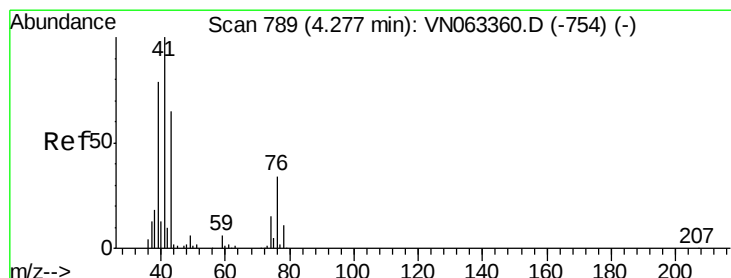
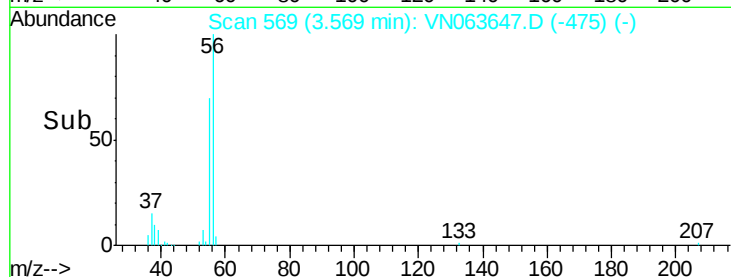
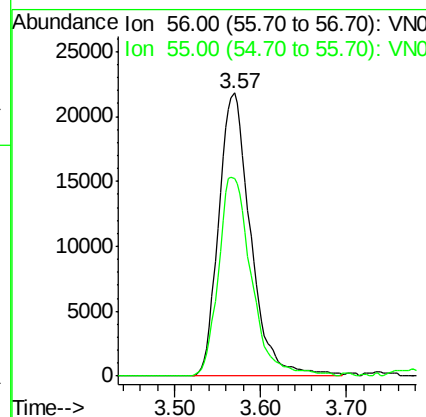
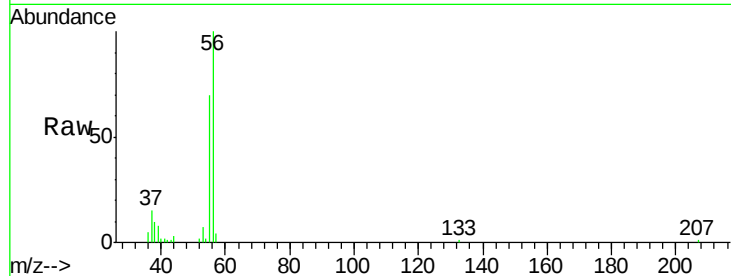
55 71.3 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 44.359 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

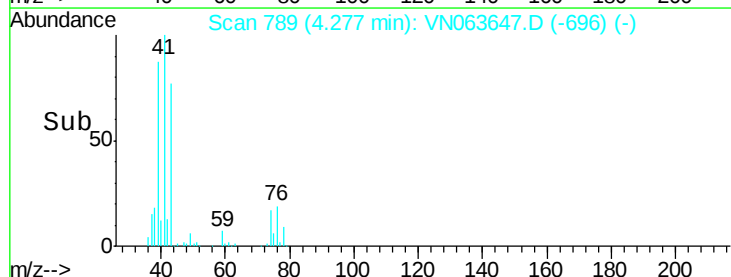
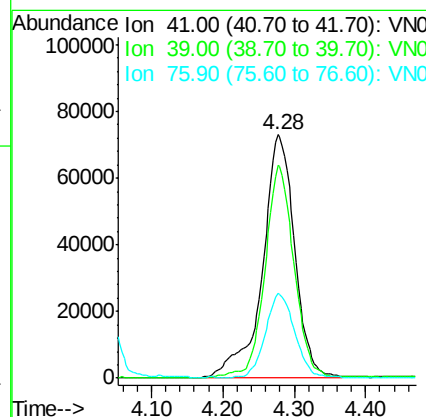
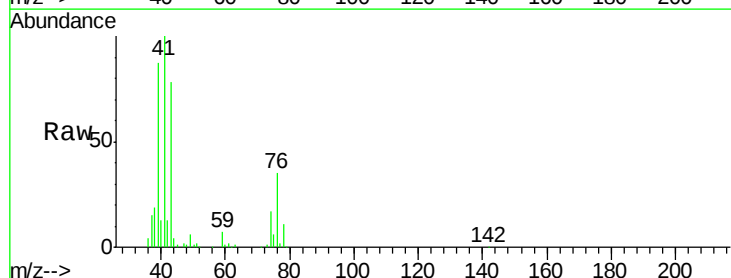
Tgt Ion: 41 Resp: 229164

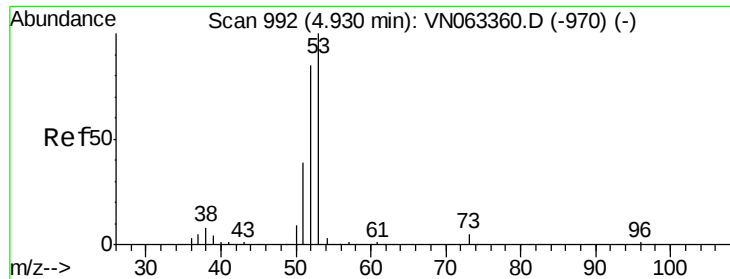
Ion Ratio Lower Upper

41 100

39 79.0 59.3 88.9

76 31.6 25.3 37.9





#15

Acrylonitrile

Concen: 239.834 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

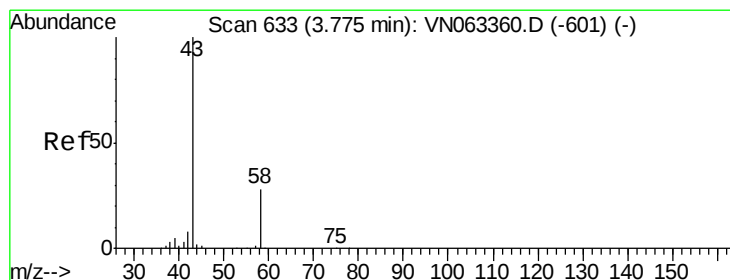
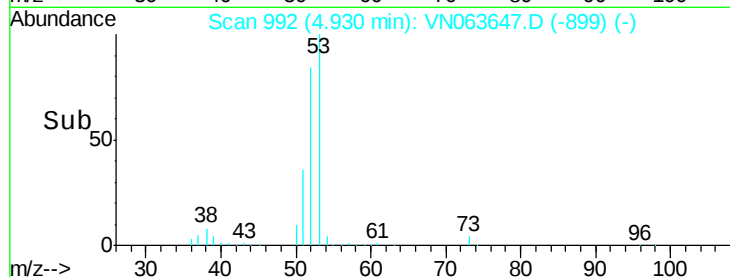
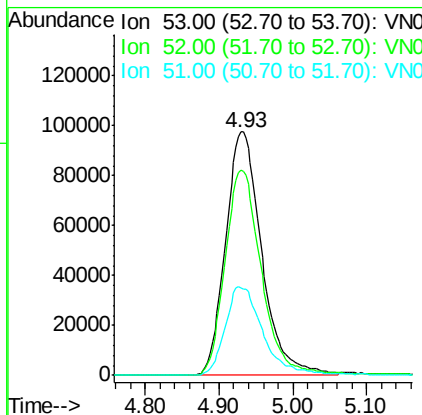
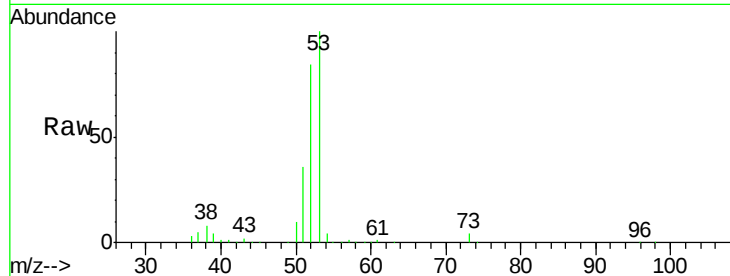
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	332960
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.4	99.6
51	38.0	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 238.690 ug/l

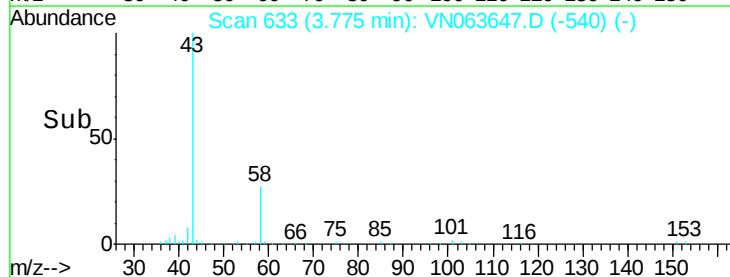
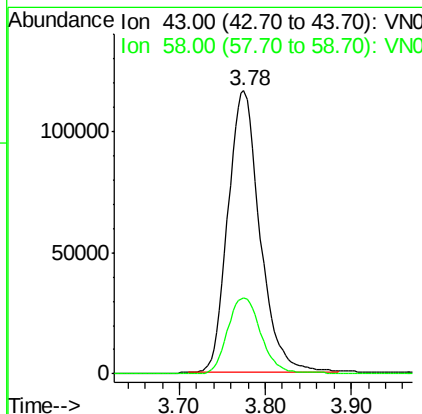
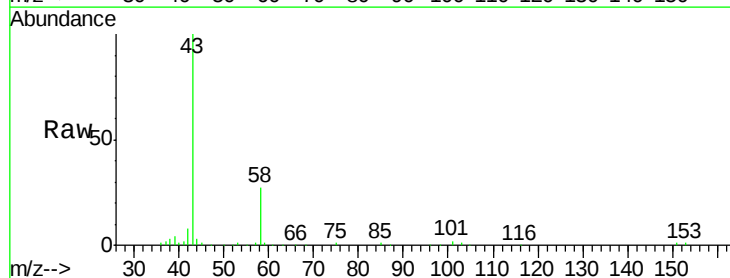
RT: 3.78 min Scan# 633

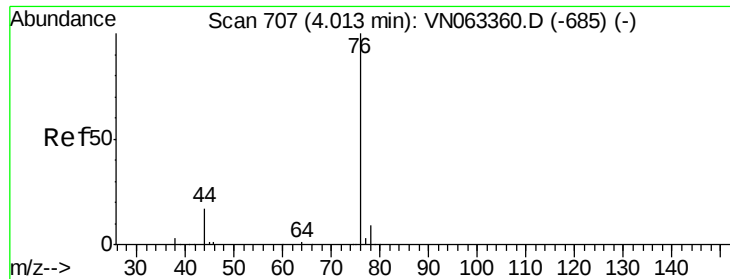
Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion:	43	Resp:	302216
Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.3	33.5





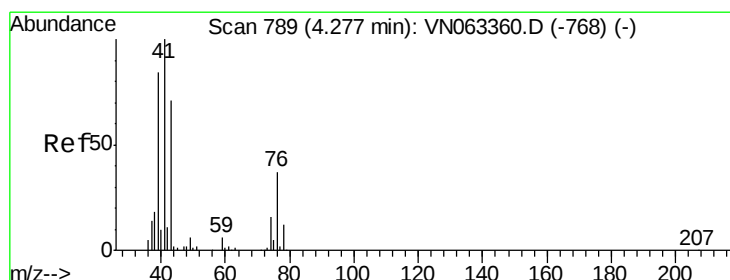
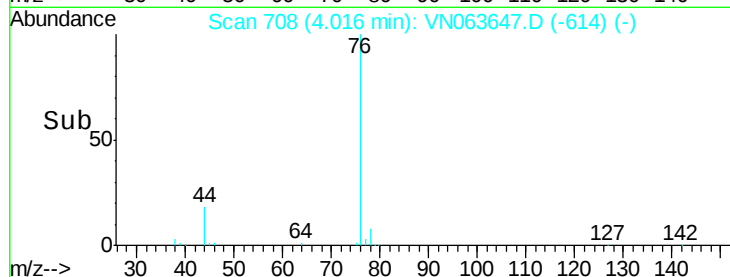
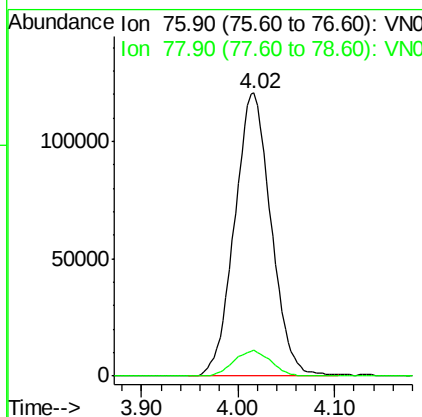
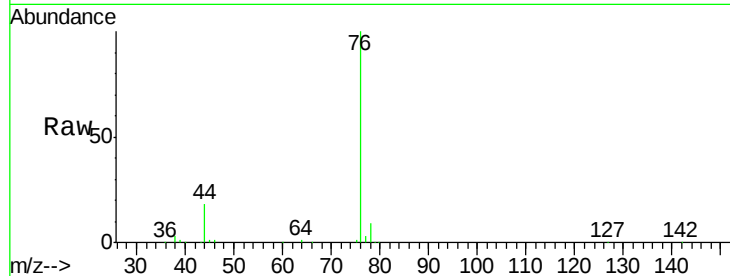
#17
Carbon Disulfide
Concen: 41.623 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

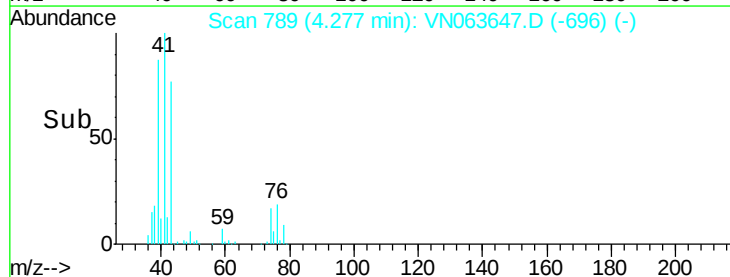
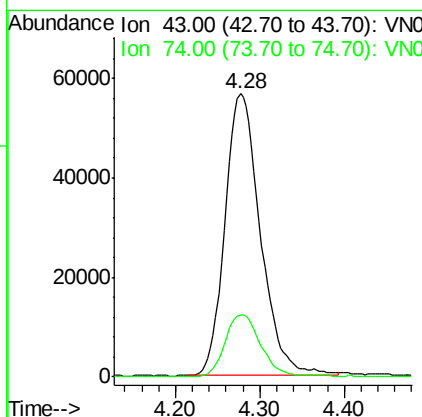
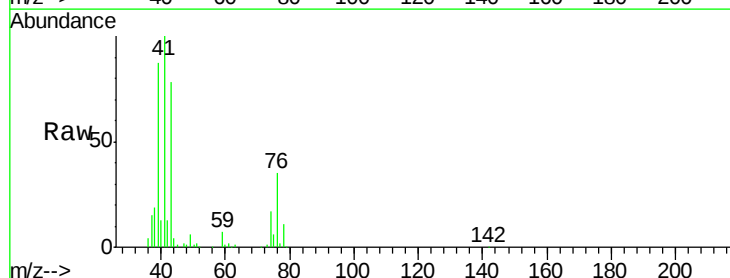
Manual Integrations
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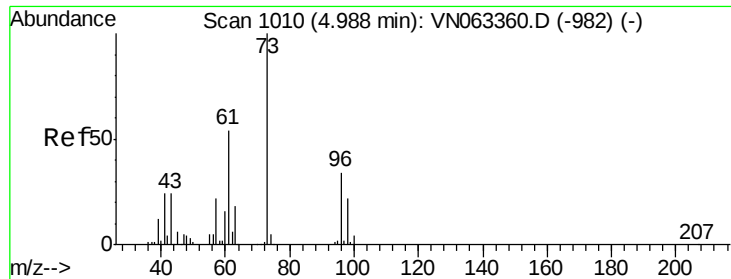
MMDadoda
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#18
Methyl Acetate
Concen: 51.434 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2





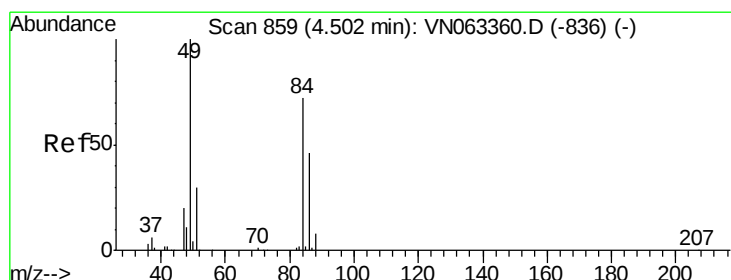
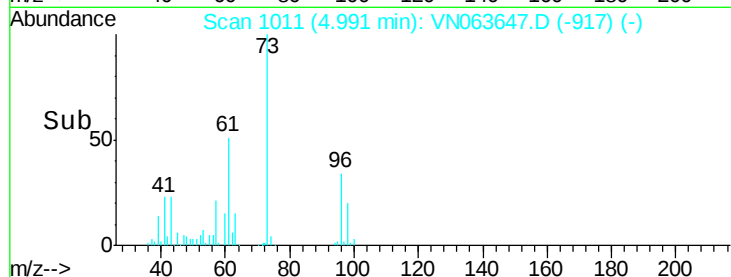
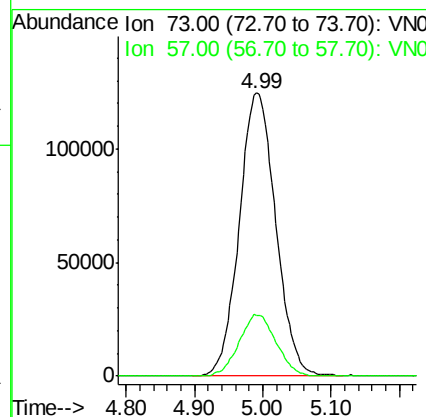
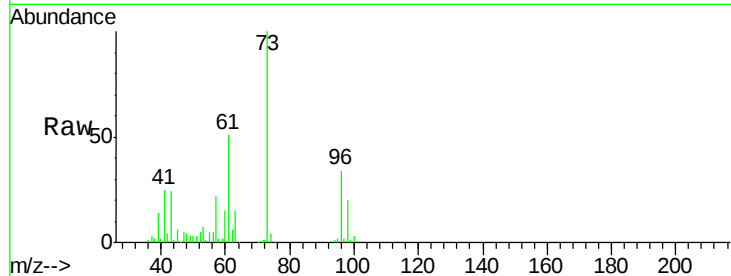
#19
Methvl tert-butvl Ether
Concen: 47.506 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 462427
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9

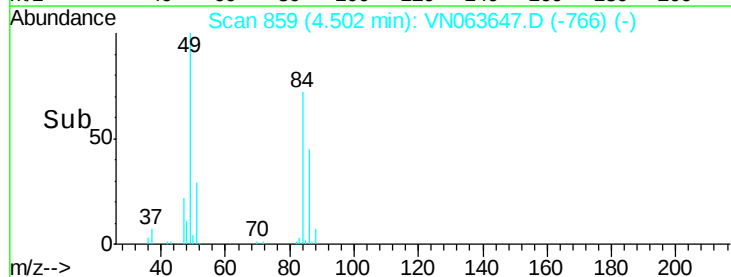
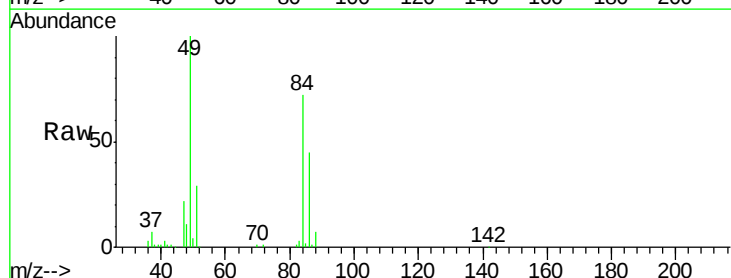
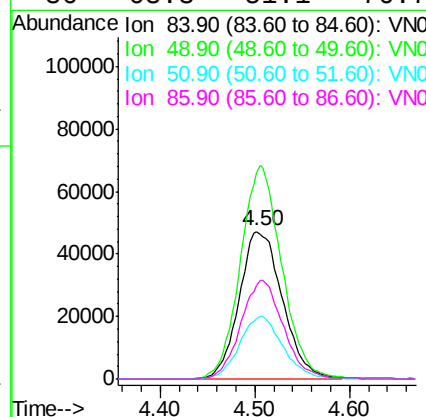
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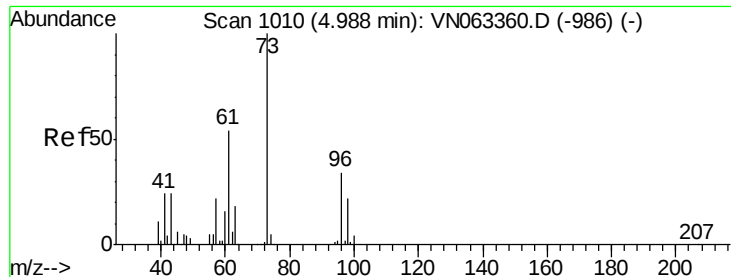
MMDadoda
9/28/2020 5:17:22 PM



#20
Methylene Chloride
Concen: 46.755 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 84 Resp: 149987
Ion Ratio Lower Upper
84 100
49 139.4 110.7 166.1
51 40.7 32.9 49.3
86 63.3 51.1 76.7





#21

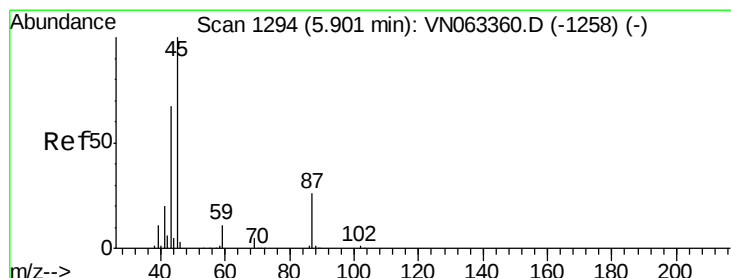
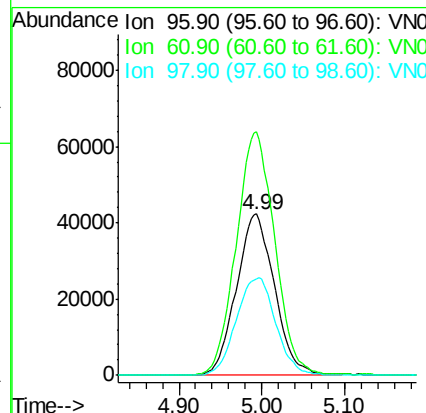
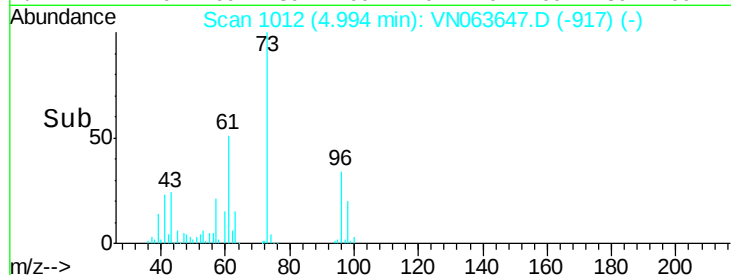
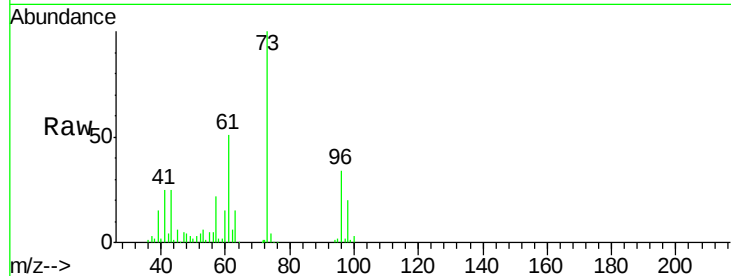
trans-1,2-Dichloroethene
Concen: 46.672 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	126.2	189.4
98	59.8	51.0	76.4

Manual Integrations
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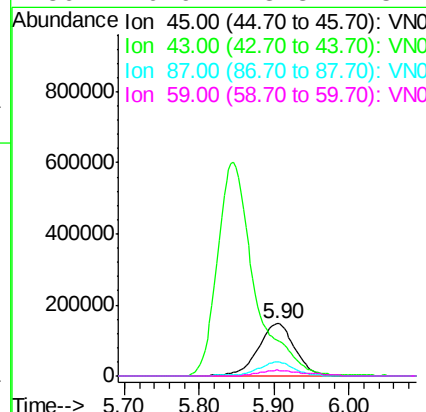
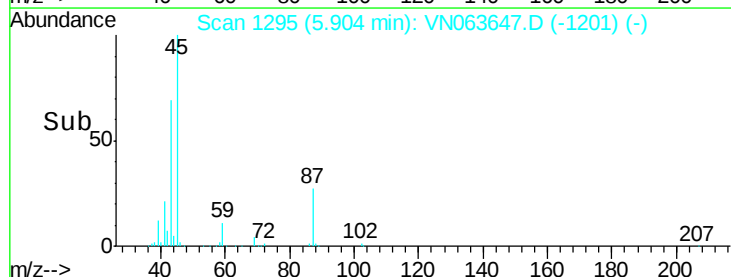
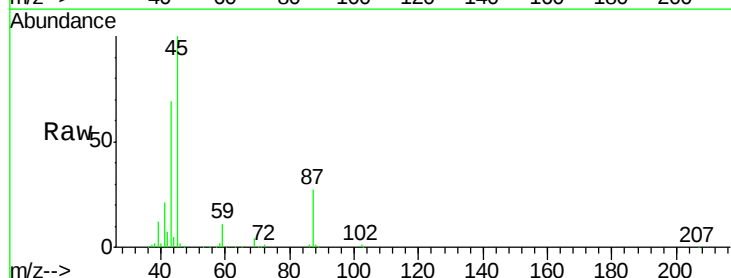
MMDadoda
9/28/2020 5:17:22 PM

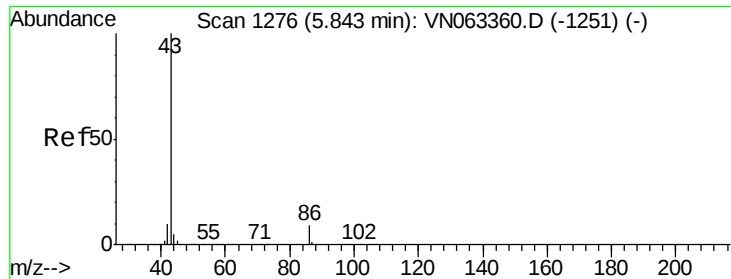


#22

Diisopropyl ether
Concen: 47.614 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.9	53.5	80.3
87	26.8	21.2	31.8
59	10.9	8.8	13.2





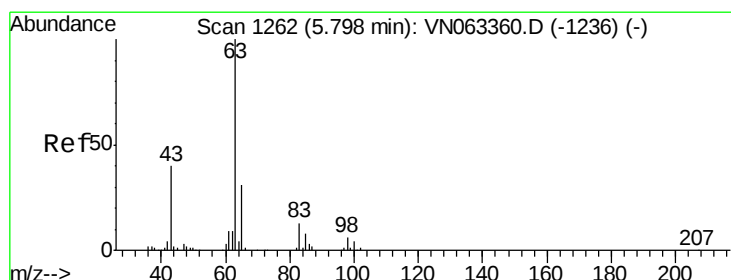
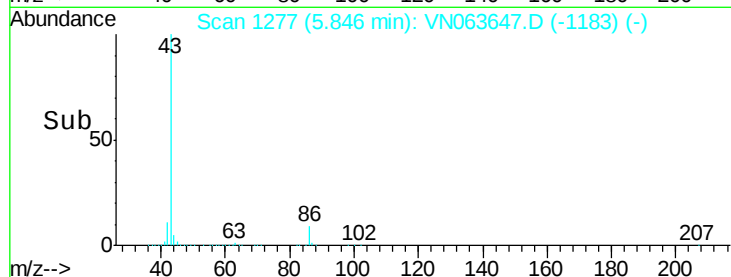
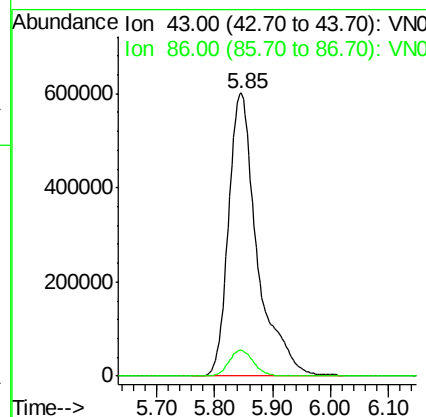
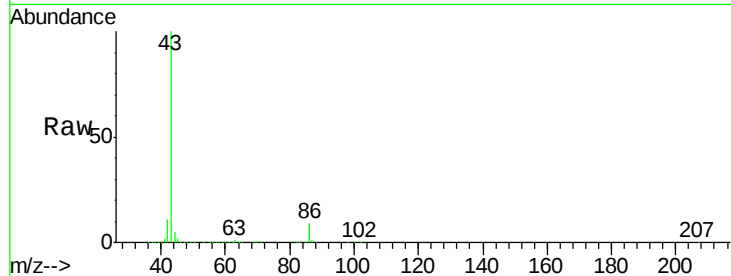
#23
 Vinyl Acetate
 Concen: 238.676 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2065256
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.1 10.7

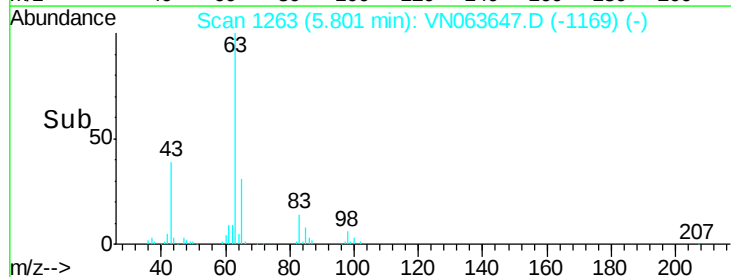
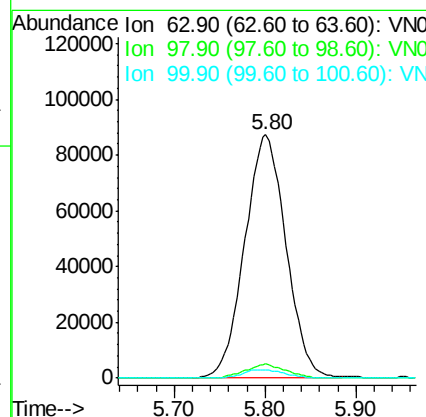
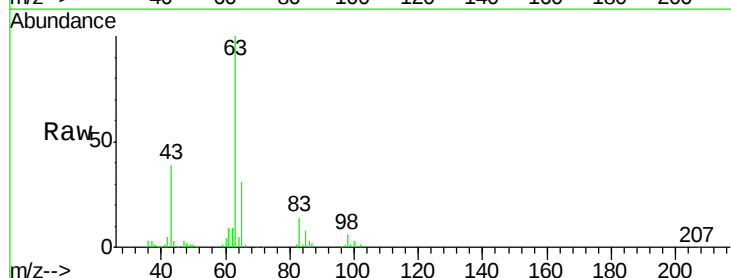
Manual Integrations
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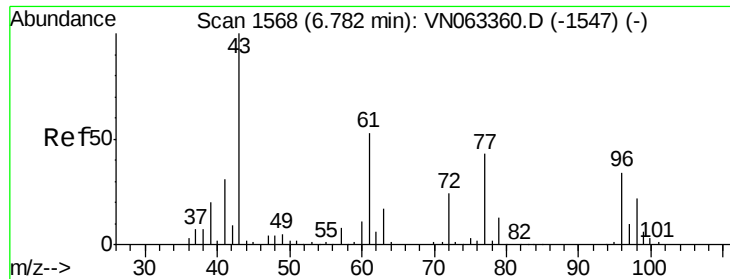
MMDadoda
 9/28/2020 5:17:22 PM



#24
 1,1-Dichloroethane
 Concen: 47.877 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion: 63 Resp: 275400
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 3.4 2.1 6.3





#25

2-Butanone

Concen: 236.754 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 461031

Ion Ratio Lower Upper

43 100

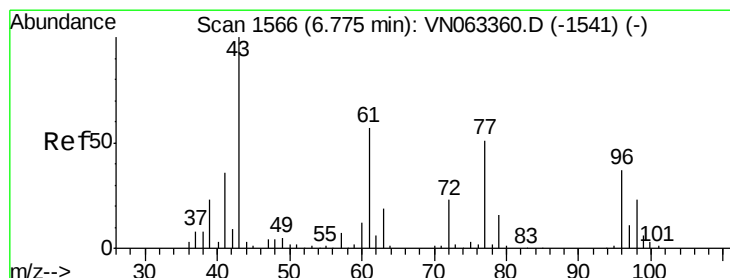
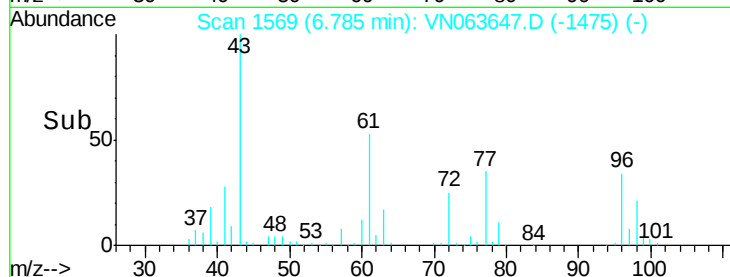
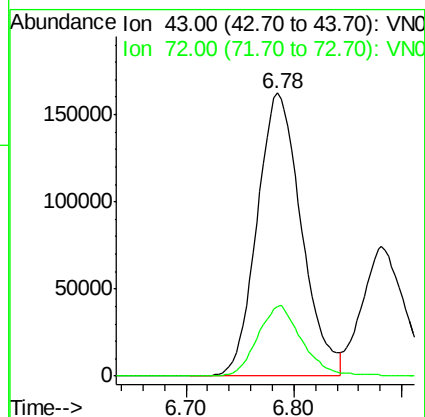
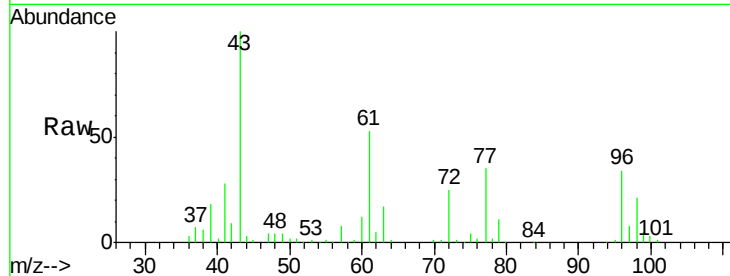
72 24.6 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

9/28/2020 5:17:22 PM



#26

2,2-Dichloropropane

Concen: 38.477 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063647.D

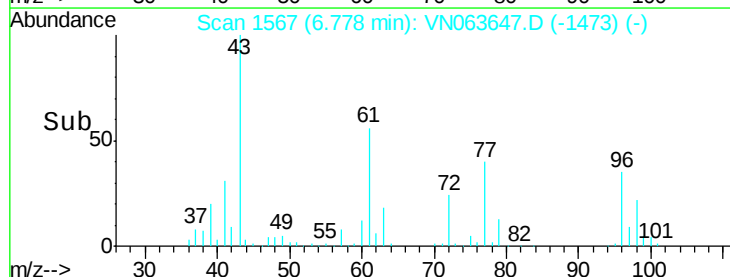
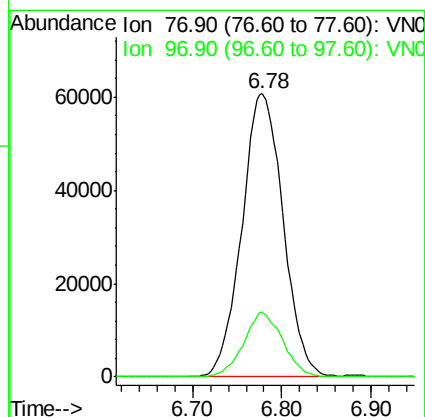
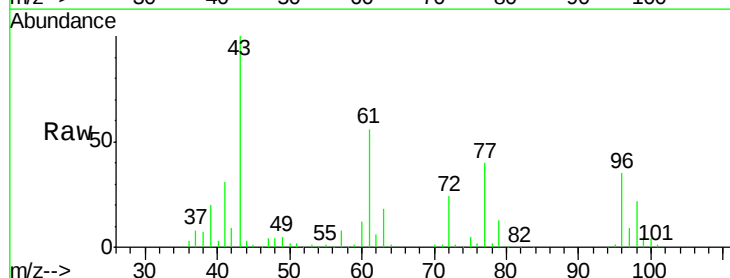
Acq: 24 Sep 2020 23:03

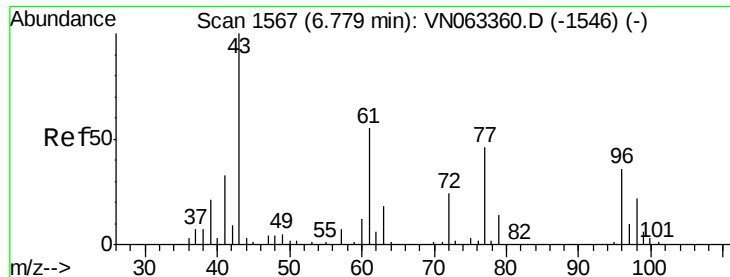
Tgt Ion: 77 Resp: 194867

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 48.759 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

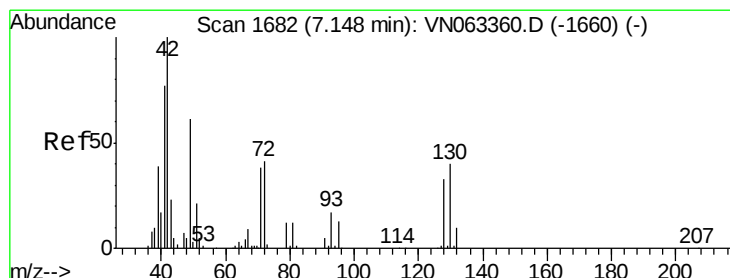
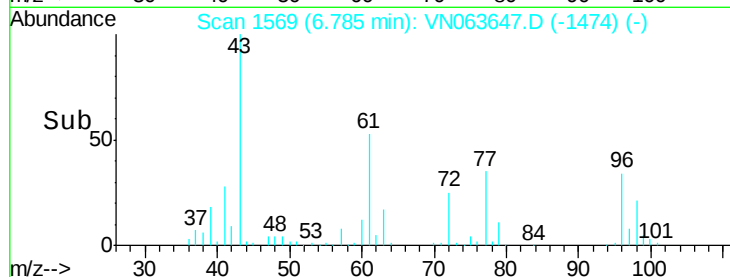
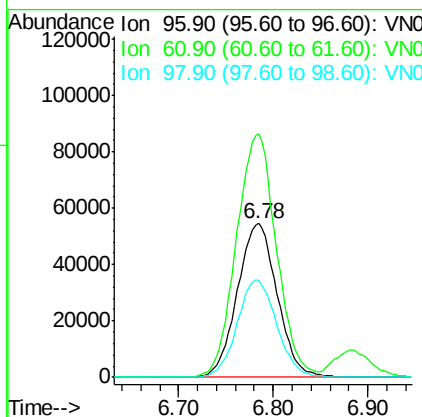
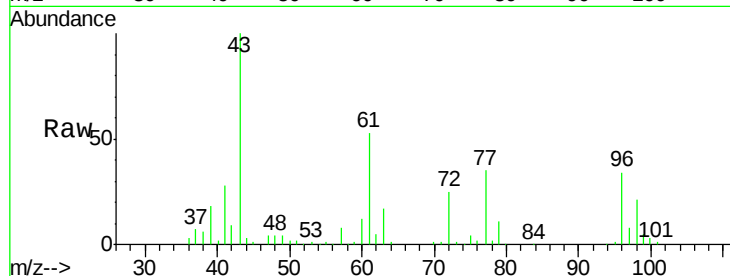
ClientSampleId :

VSTDCCC050

Tot Ion	96	Resp	159695
Ion Ratio	Lower	Upper	
96	100		
61	158.6	0.0	319.6
98	62.8	0.0	127.8

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#28

Bromochloromethane

Concen: 53.269 ug/l

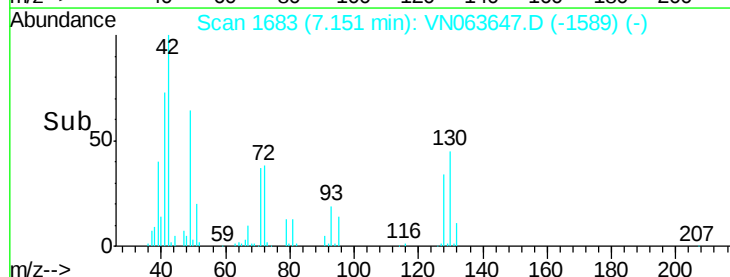
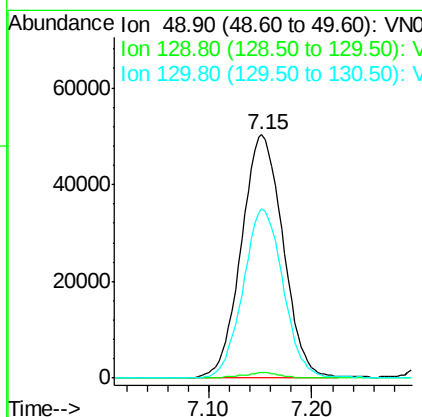
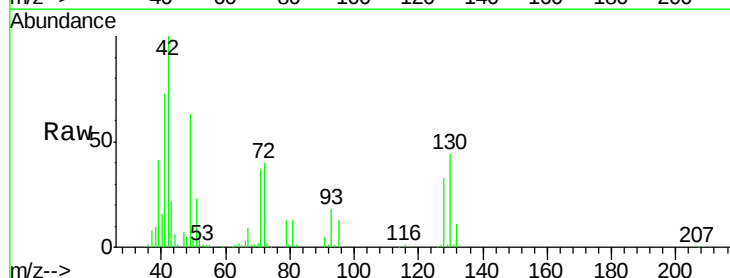
RT: 7.15 min Scan# 1683

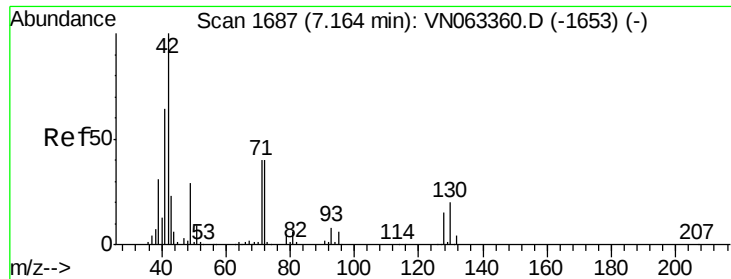
Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion	49	Resp	141480
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	3.8
130	66.6	52.2	78.2





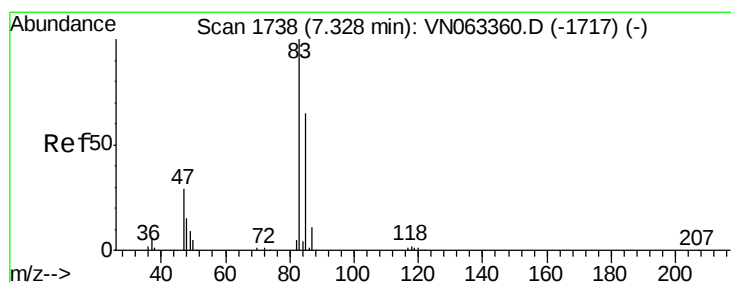
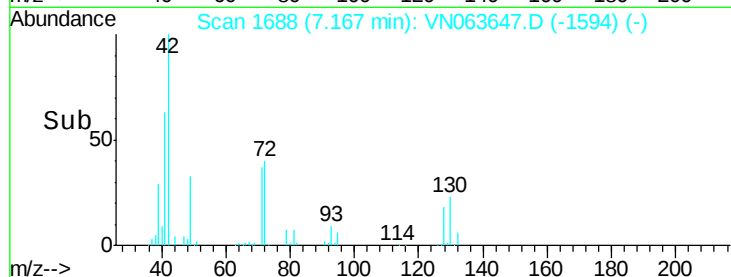
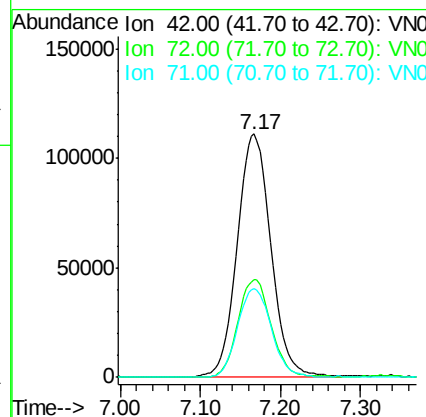
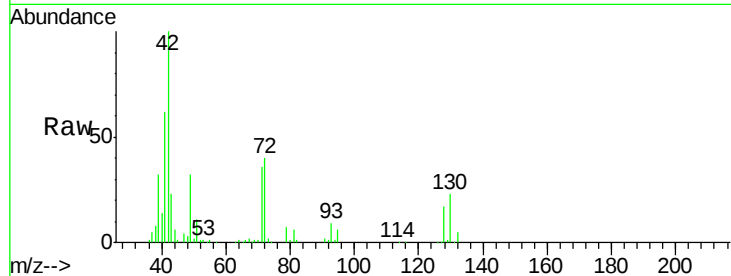
#29
Tetrahydrofuran
Concen: 237.207 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.1	48.1
71	36.8	31.2	46.8

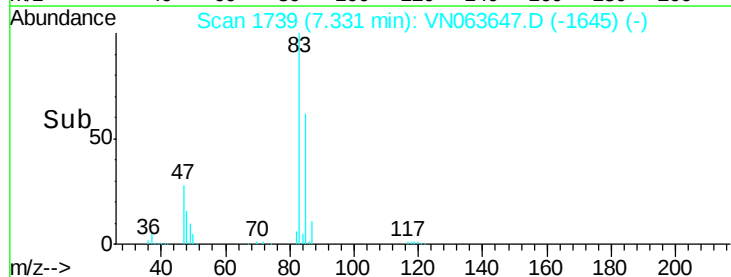
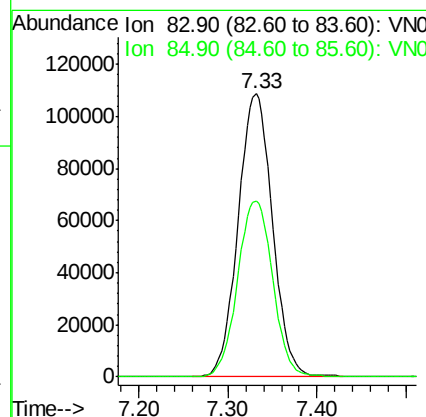
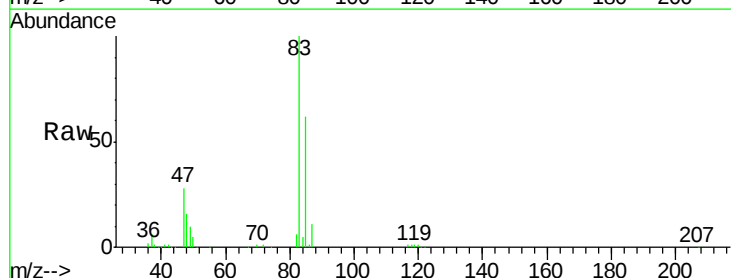
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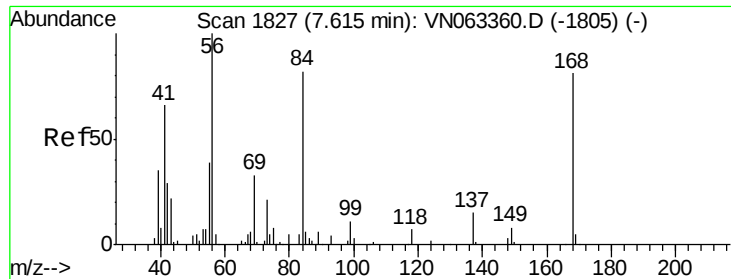
MMDadoda
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#30
Chloroform
Concen: 50.413 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.1	78.1





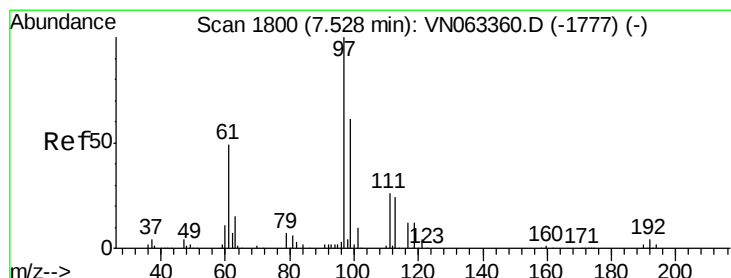
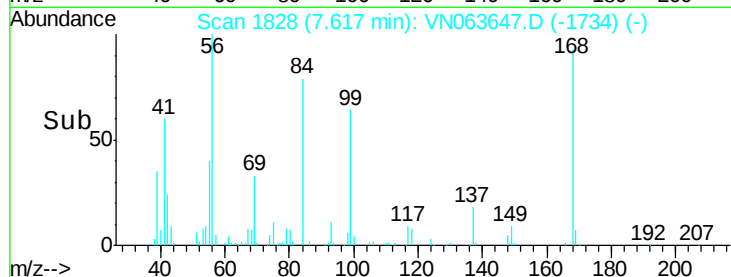
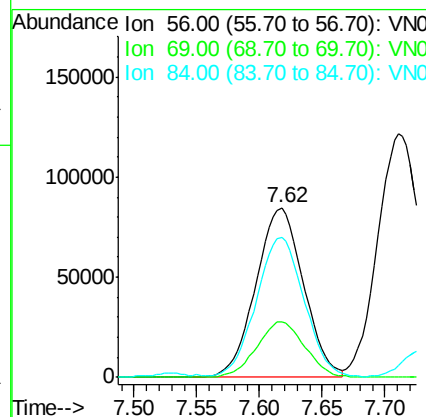
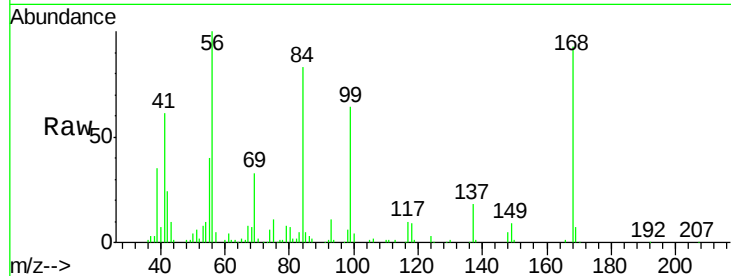
#31
Cyclohexane
Concen: 41.142 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.1	39.1
84	81.5	65.4	98.2

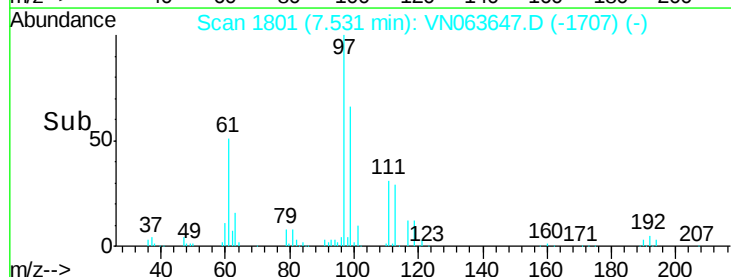
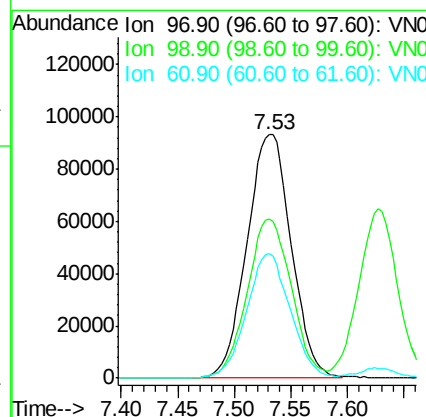
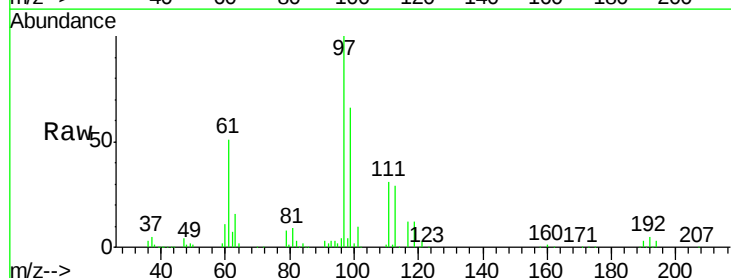
Manual Integrations
APPROVED

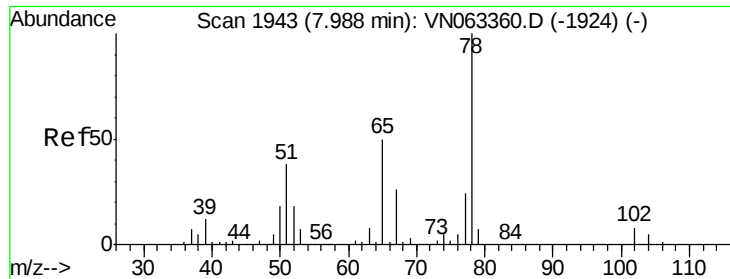
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#32
1,1,1-Trichloroethane
Concen: 49.507 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.6	76.0
61	50.1	39.2	58.8





#33

1,2-Dichloroethane-d4

Concen: 52.028 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 204974

Ion Ratio Lower Upper

65 100

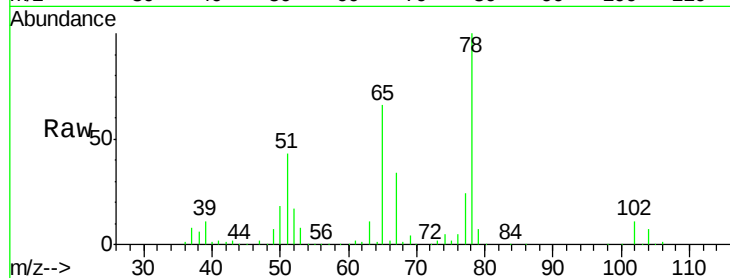
67 51.6 0.0 104.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

7.99

80000

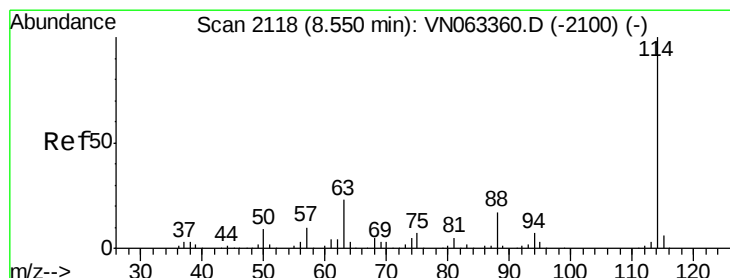
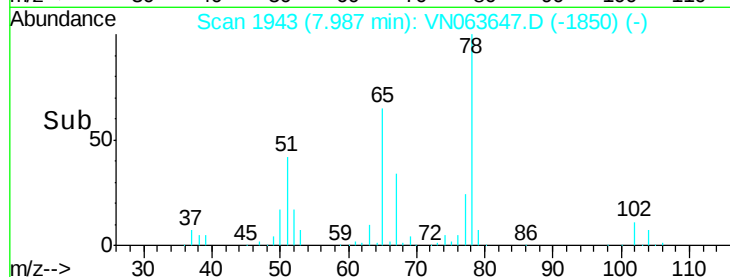
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

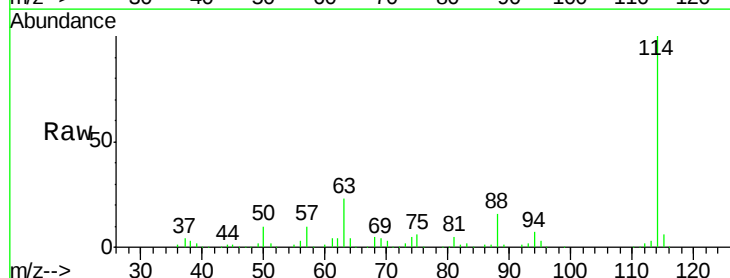
Tgt Ion: 114 Resp: 401326

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.4

88 16.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

8.55

250000

200000

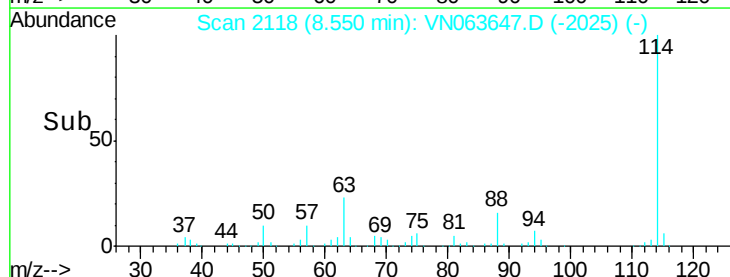
150000

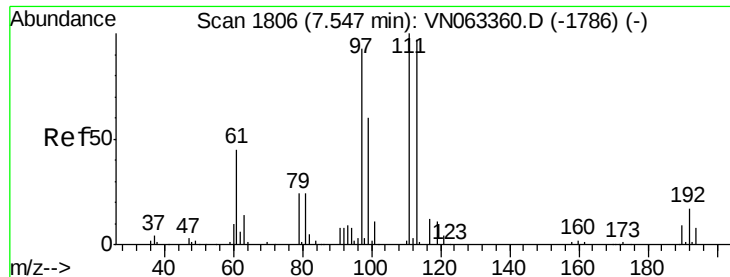
100000

50000

0

Time-->





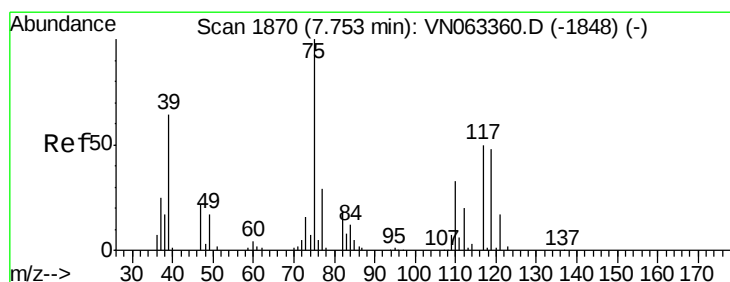
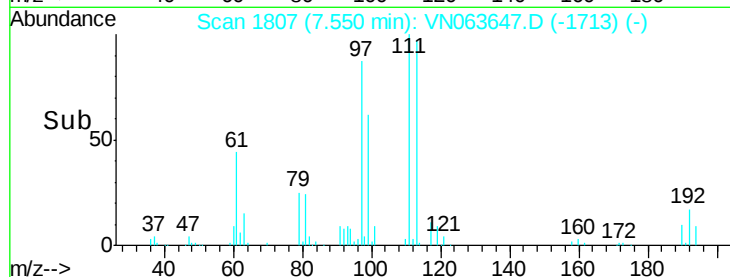
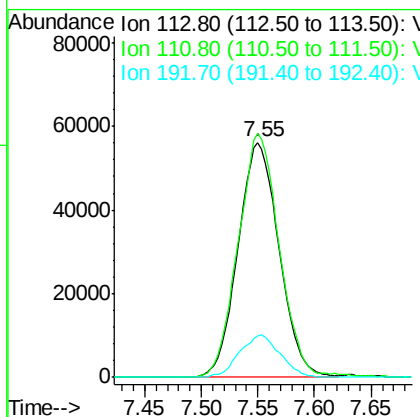
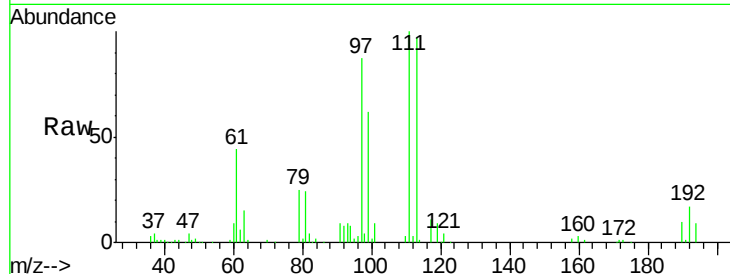
#35
Dibromofluoromethane
Concen: 51.092 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141949		
111	104.2	82.9	124.3	
192	17.7	13.9	20.9	

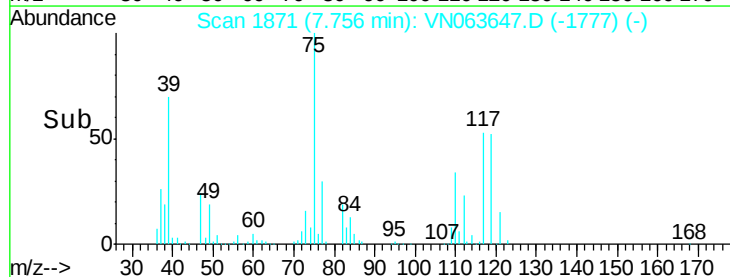
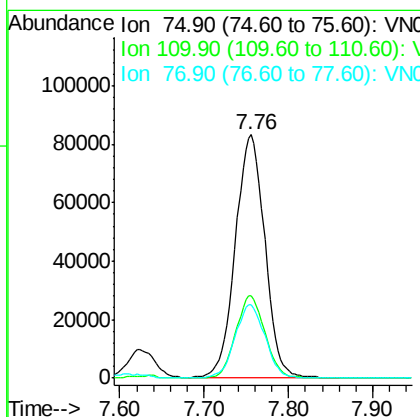
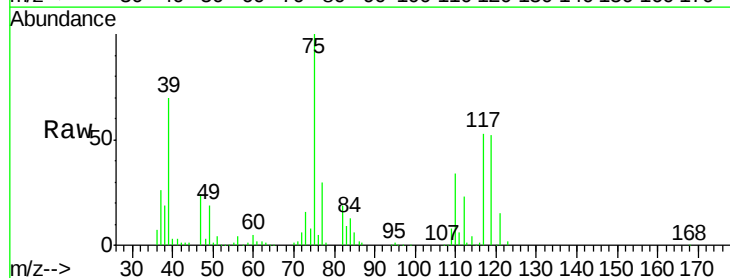
Manual Integrations
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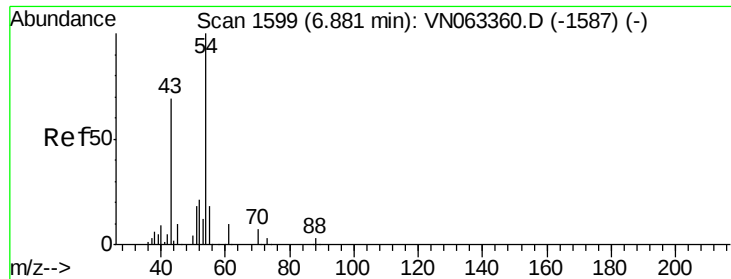
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#36
1,1-Dichloropropene
Concen: 47.568 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	203380		
110	33.4	16.5	49.5	
77	30.8	24.6	36.8	





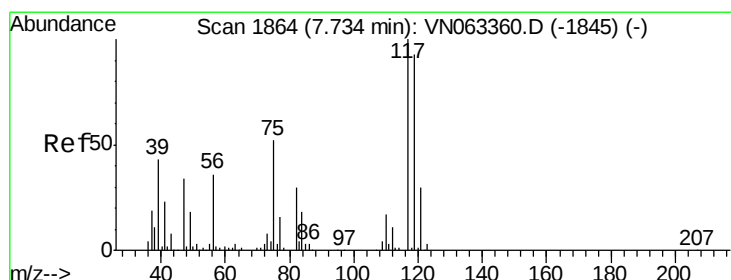
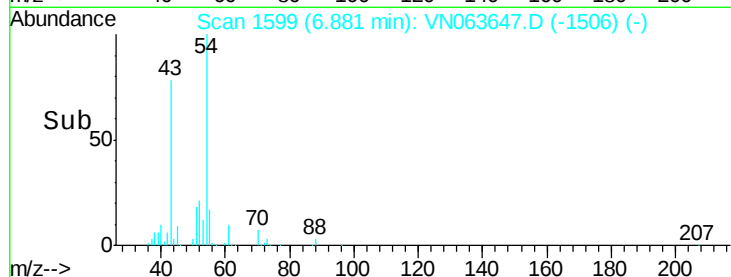
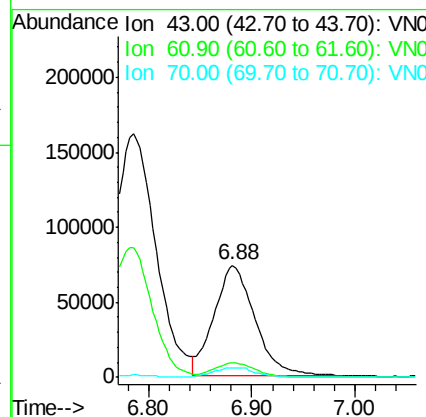
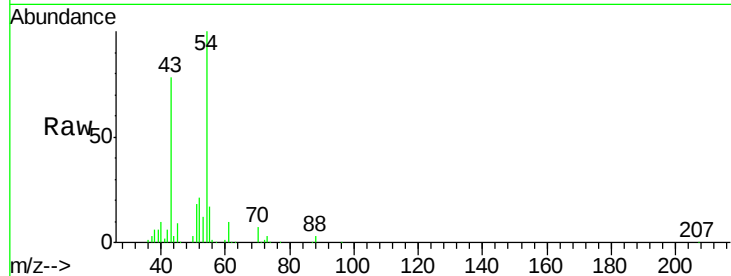
#37
Ethyl Acetate
Concen: 48.405 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.6	15.8
70	4.9	7.2	10.8

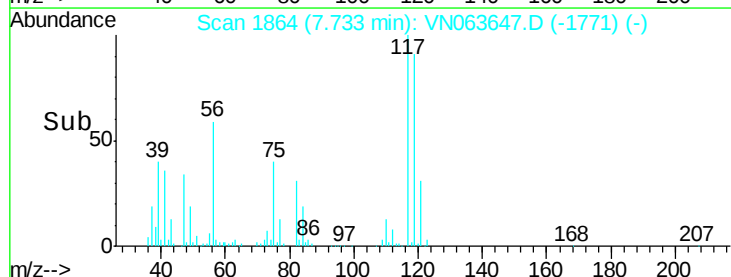
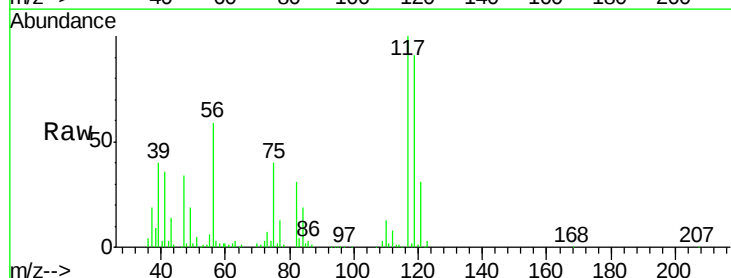
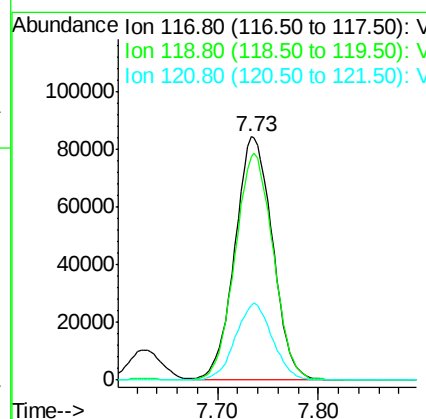
Manual Integrations
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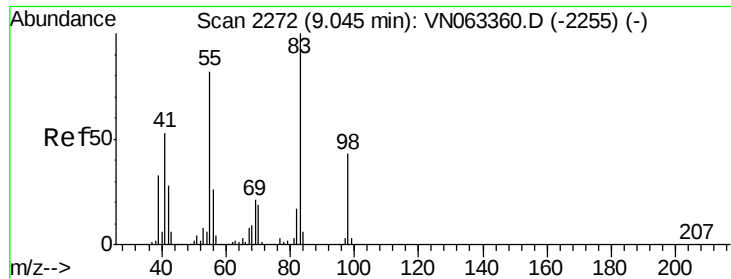
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#38
Carbon Tetrachloride
Concen: 49.842 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	74.5	111.7
121	30.7	24.1	36.1





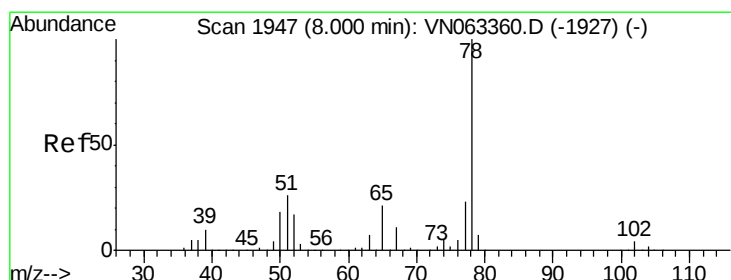
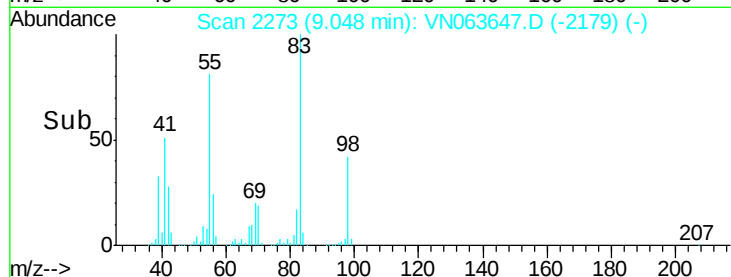
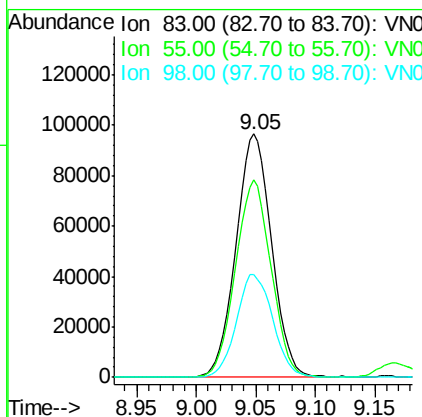
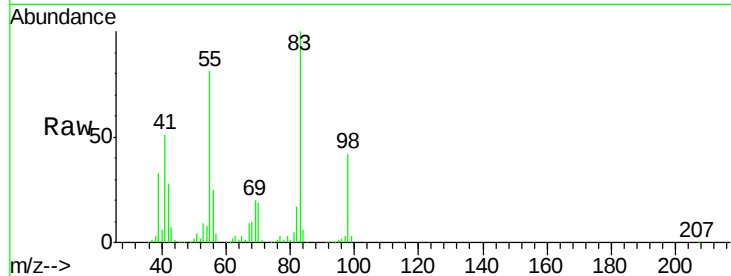
#39
Methvlcvclohexane
Concen: 43.225 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	200578
Ion Ratio	Lower	Upper	
83	100		
55	81.2	65.5	98.3
98	42.3	34.2	51.4

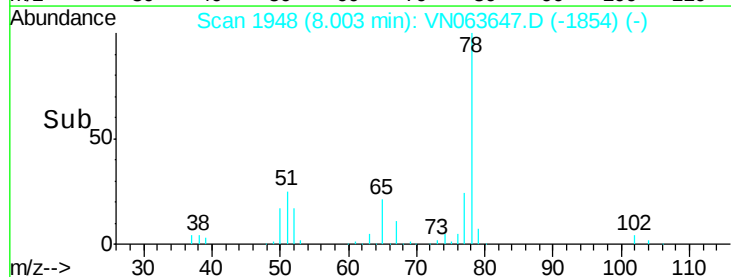
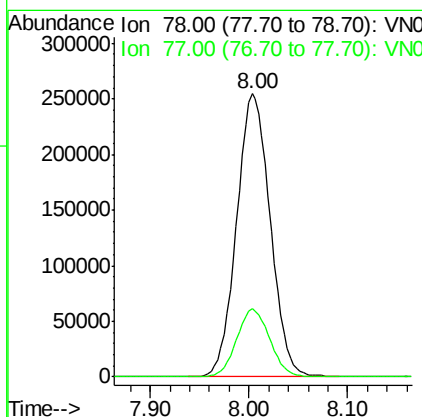
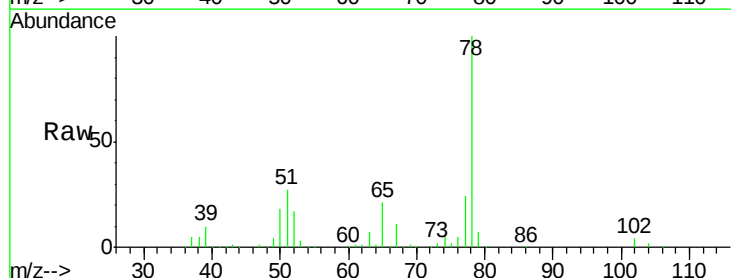
Manual Integrations
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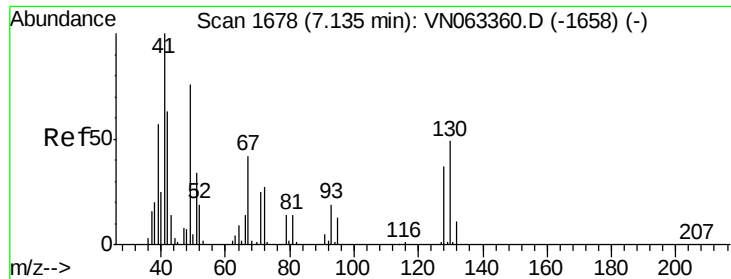
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#40
Benzene
Concen: 49.314 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	78	Resp	601885
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.3	27.5





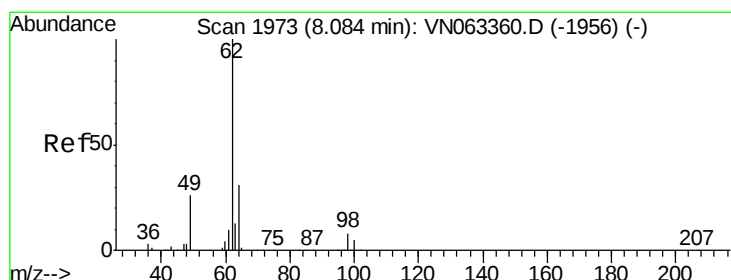
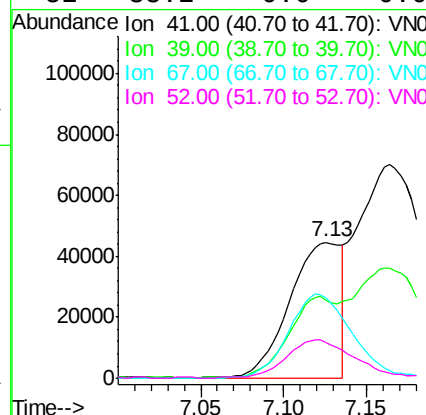
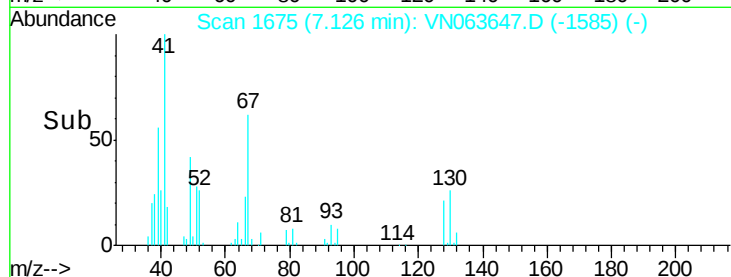
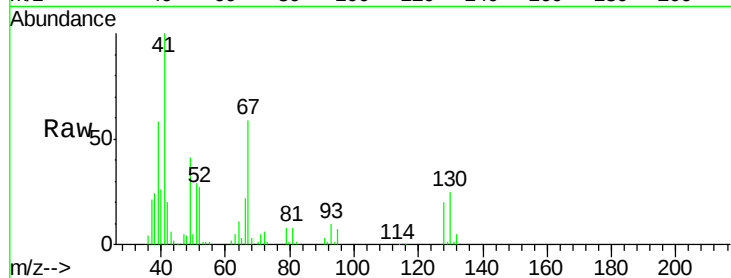
#41
Methacrylonitrile
Concen: 51.468 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.9	0.0	0.0#
67	76.5	0.0	0.0#
52	38.2	0.0	0.0#

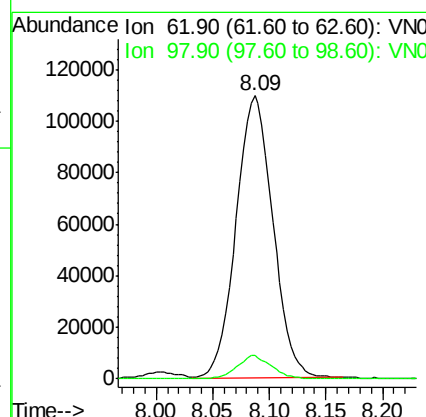
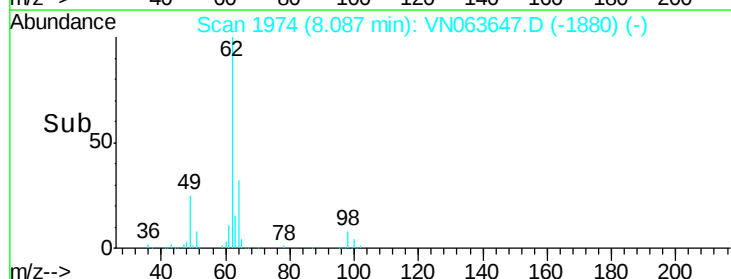
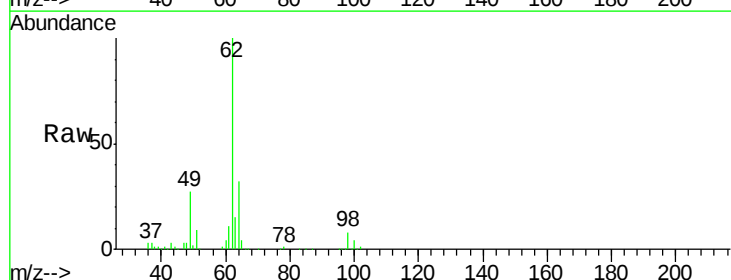
Manual Integrations
APPROVED

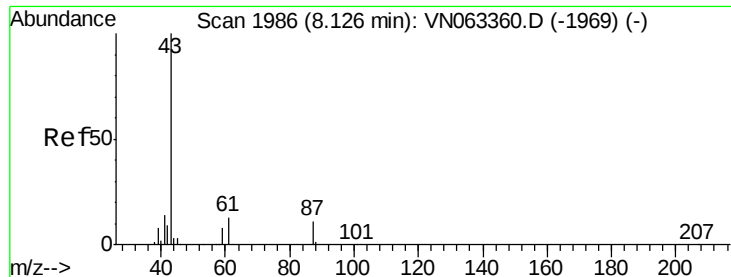
MMDadoda
9/28/2020 5:17:22 PM



#42
1,2-Dichloroethane
Concen: 50.618 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.6





#43

Isopropyl Acetate

Concen: 45.588 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

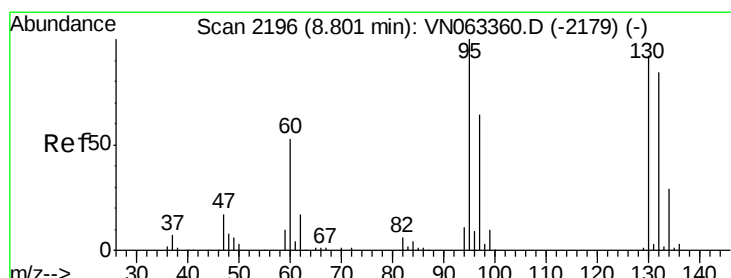
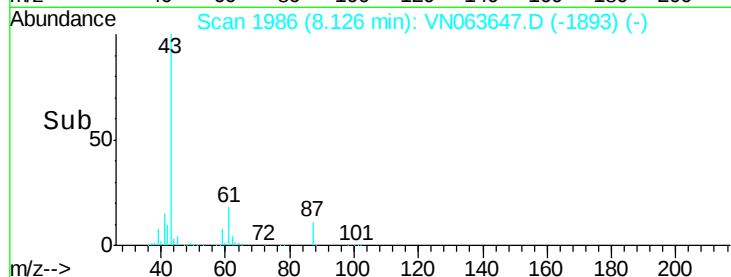
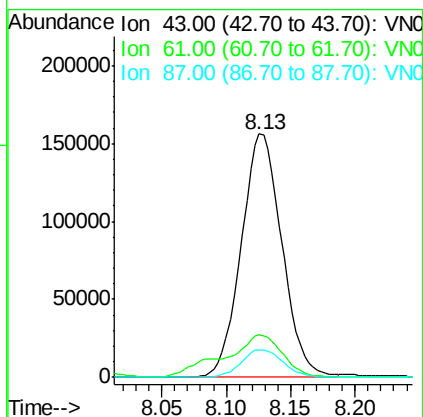
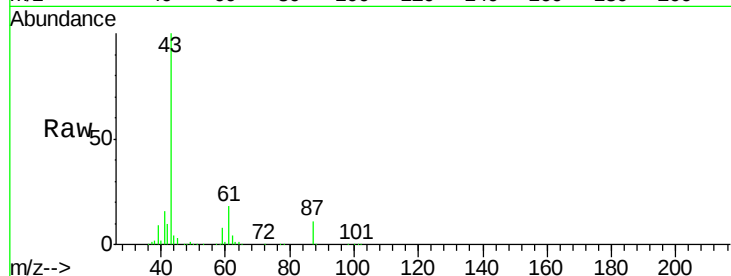
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	342065
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.2	21.2
87	11.7	9.0	13.6

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#44

Trichloroethene

Concen: 48.910 ug/l

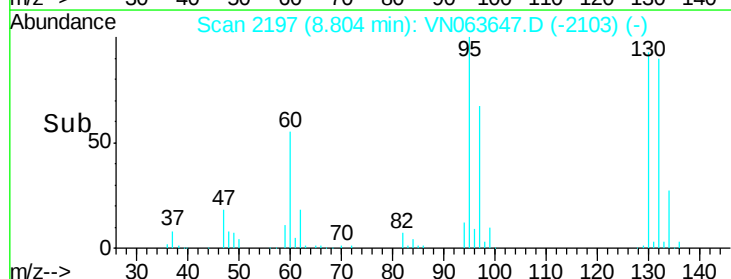
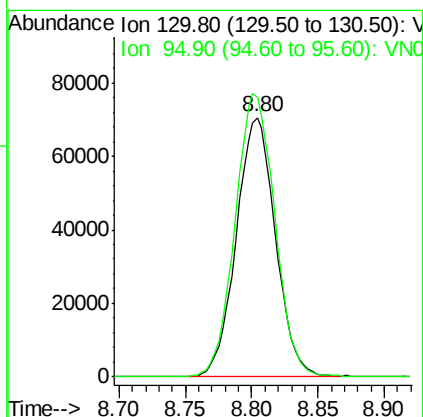
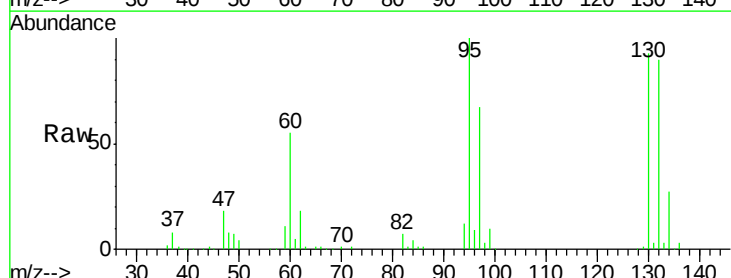
RT: 8.80 min Scan# 2197

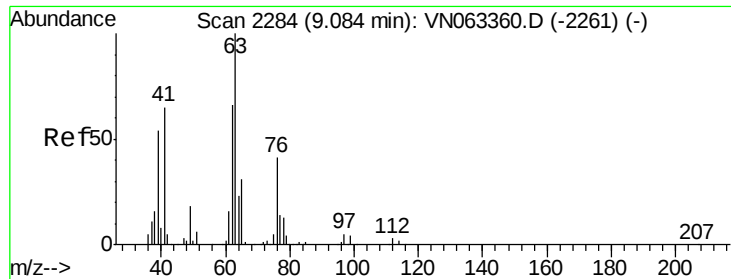
Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion:	130	Resp:	144788
Ion	Ratio	Lower	Upper
130	100		
95	107.3	0.0	217.4





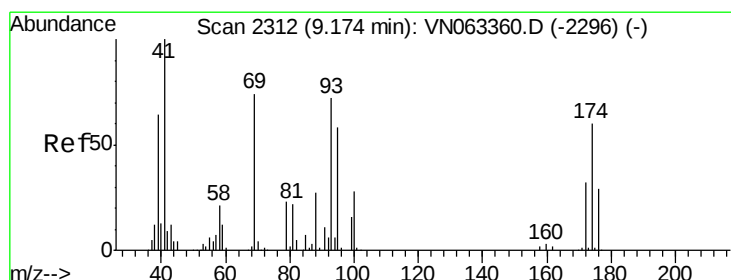
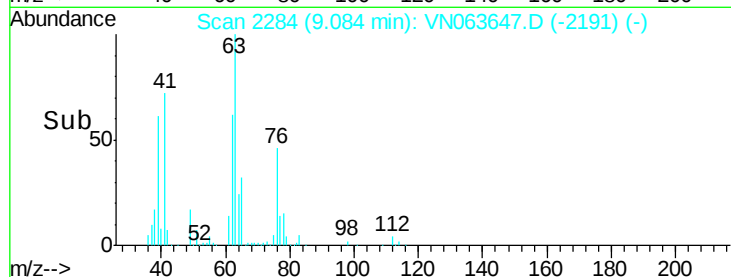
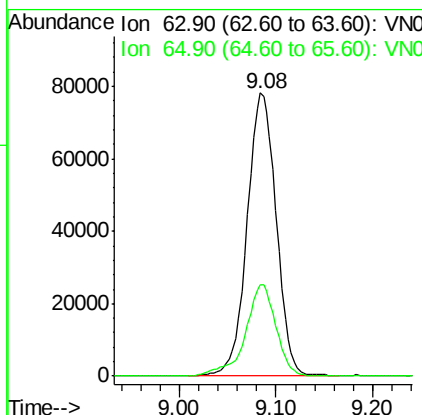
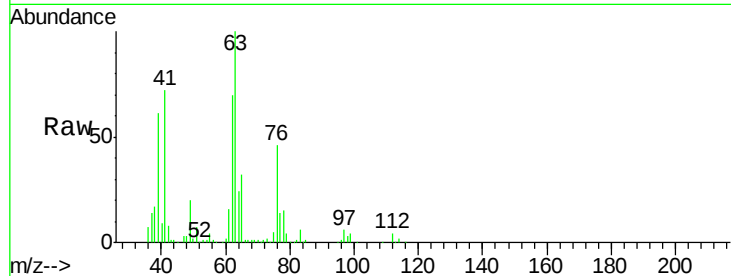
#45
 1,2-Dichloropropane
 Concen: 49.221 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 163620
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.0 37.6

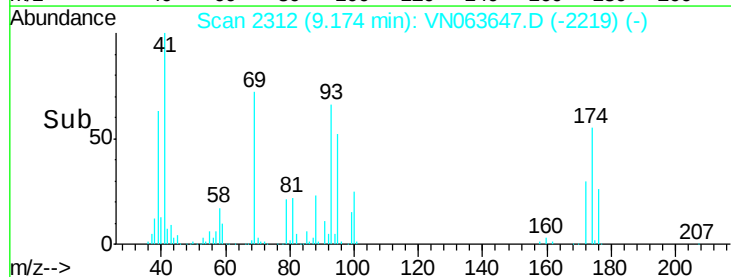
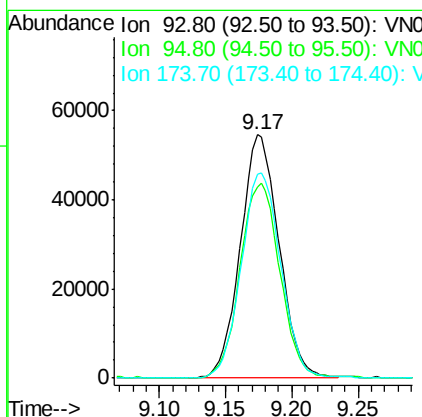
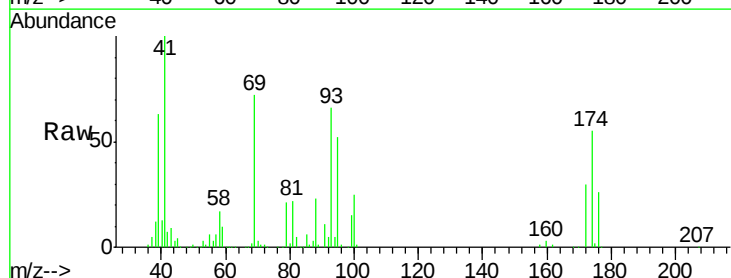
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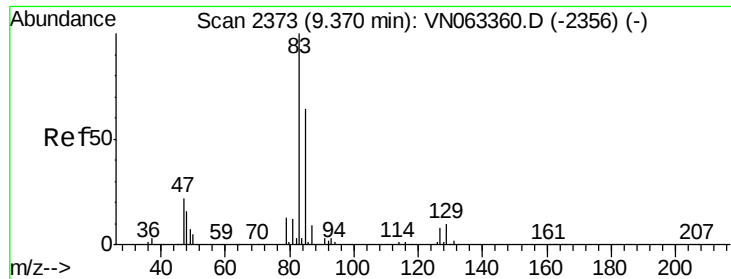
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#46
 Dibromomethane
 Concen: 50.763 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion: 93 Resp: 110908
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.6 98.4
 174 86.0 68.1 102.1





#47

Bromodichloromethane

Concen: 51.696 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

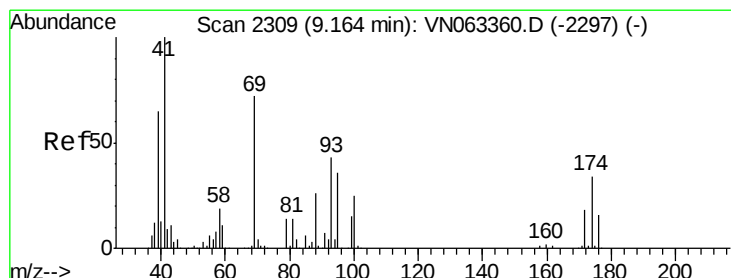
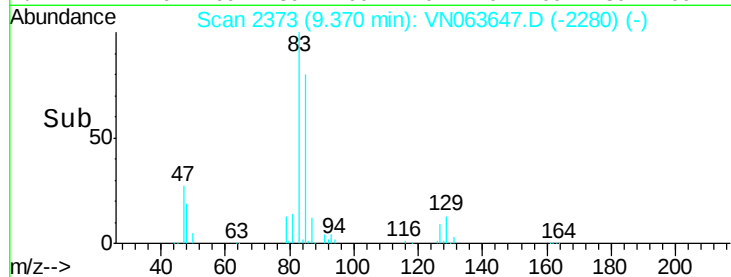
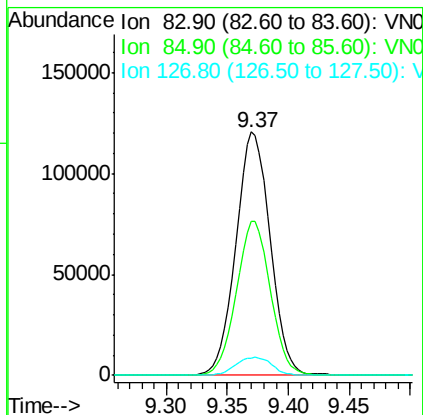
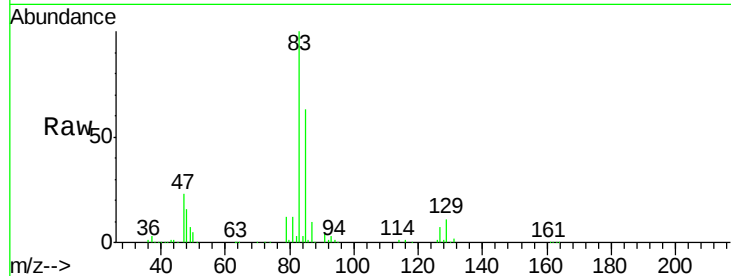
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	234643
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.0	76.6
127	7.2	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.526 ug/l

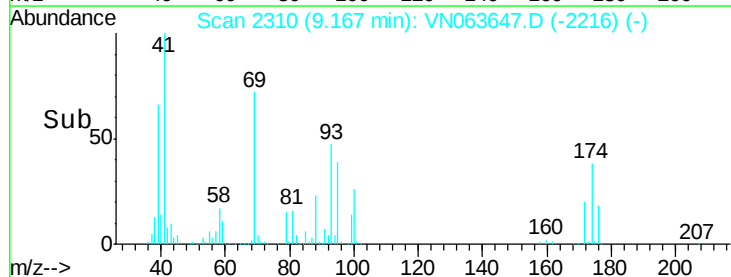
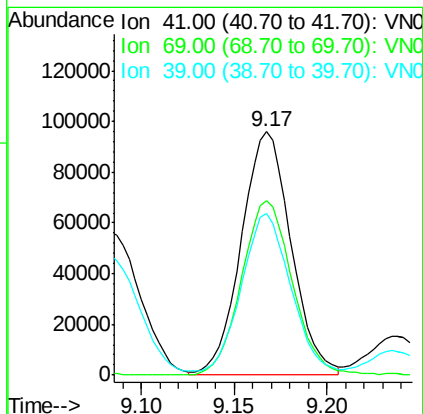
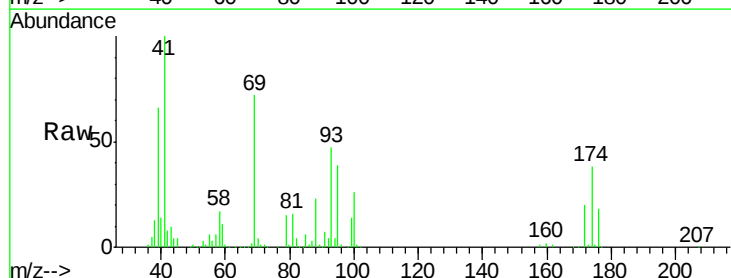
RT: 9.17 min Scan# 2310

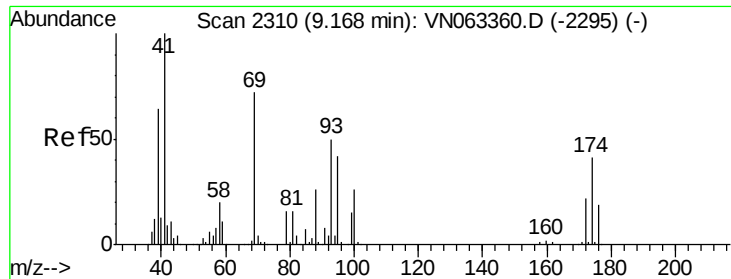
Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion:	41	Resp:	178890
Ion	Ratio	Lower	Upper
41	100		
69	73.4	59.3	88.9
39	66.6	52.9	79.3





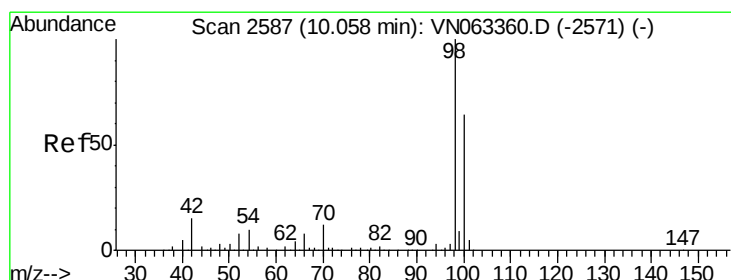
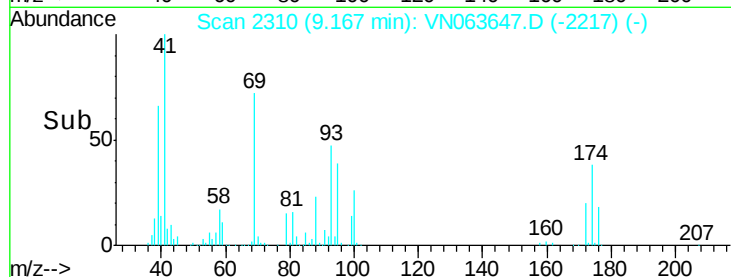
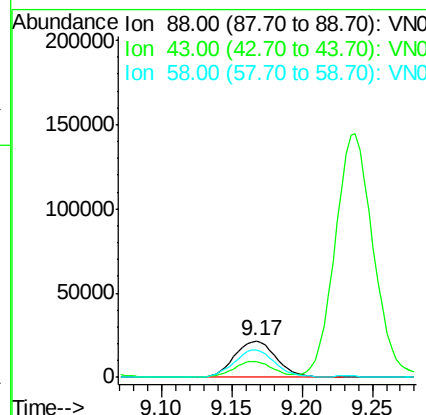
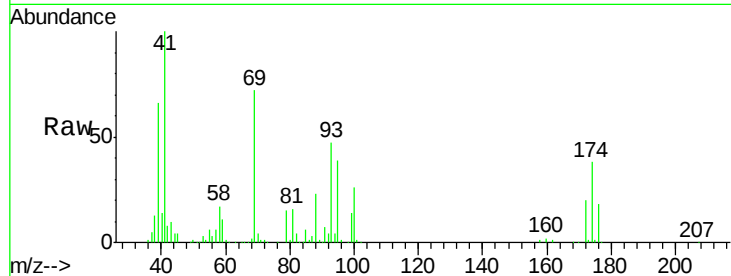
#49
1,4-Dioxane
Concen: 849.726 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	32.6	49.0
58	73.1	60.0	90.0

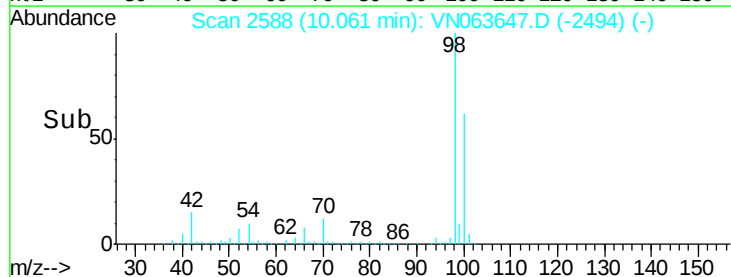
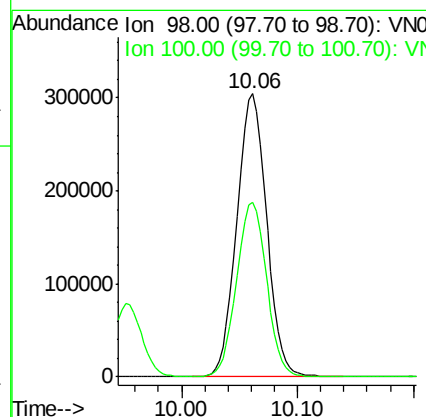
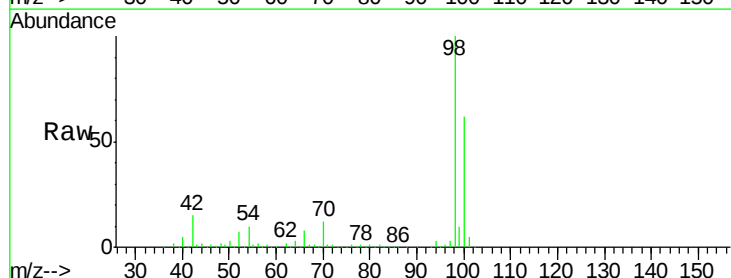
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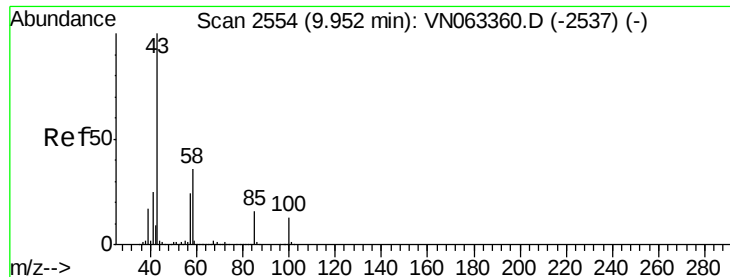
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#50
Toluene-d8
Concen: 51.912 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.9	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 250.978 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1054271

Ion Ratio Lower Upper

43 100

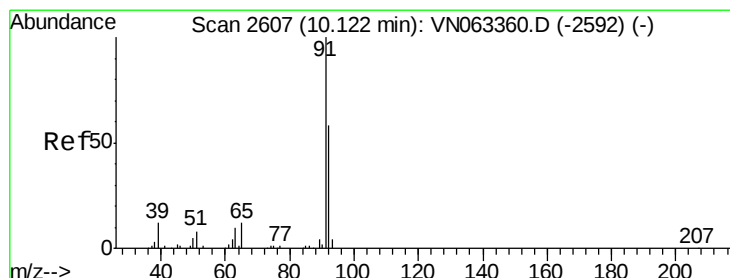
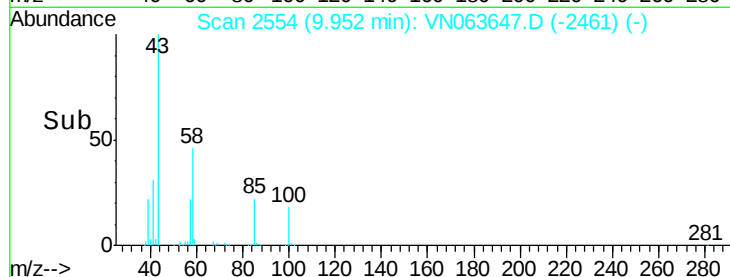
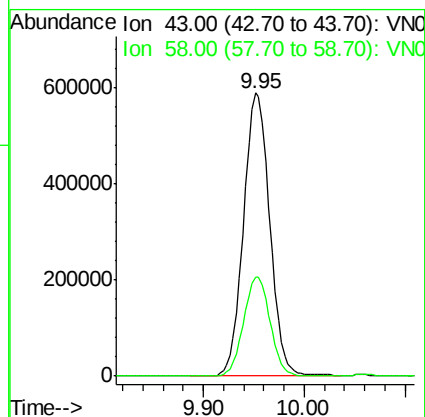
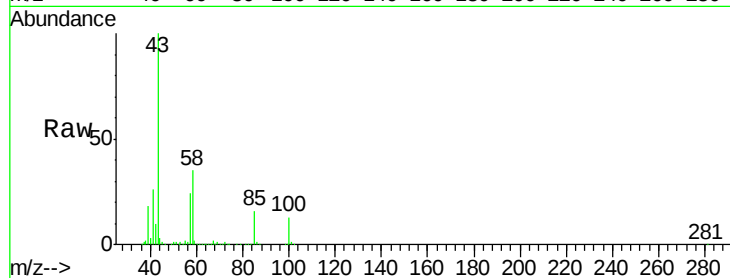
58 35.5 29.0 43.6

Manual Integrations

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#52

Toluene

Concen: 51.061 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063647.D

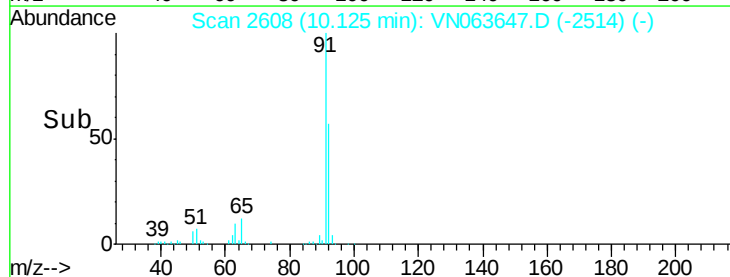
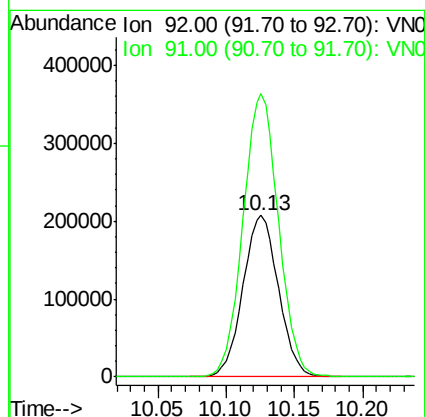
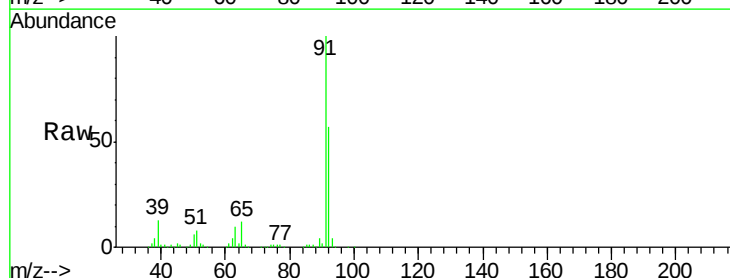
Acq: 24 Sep 2020 23:03

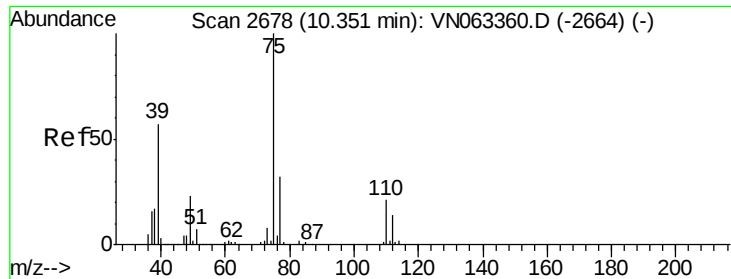
Tgt Ion: 92 Resp: 374697

Ion Ratio Lower Upper

92 100

91 175.4 139.7 209.5





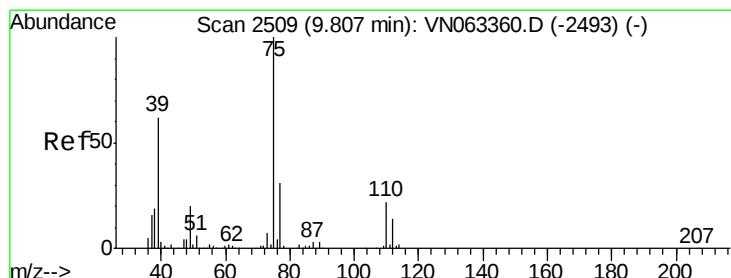
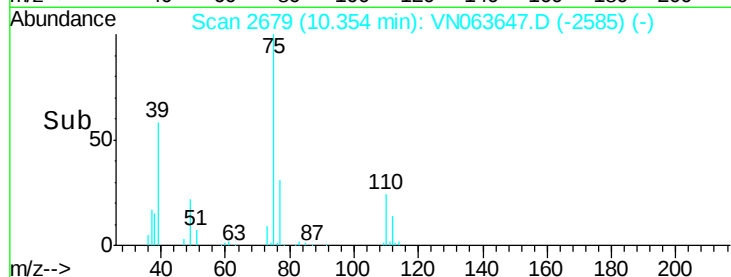
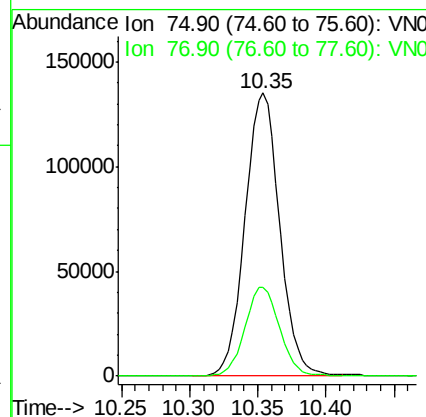
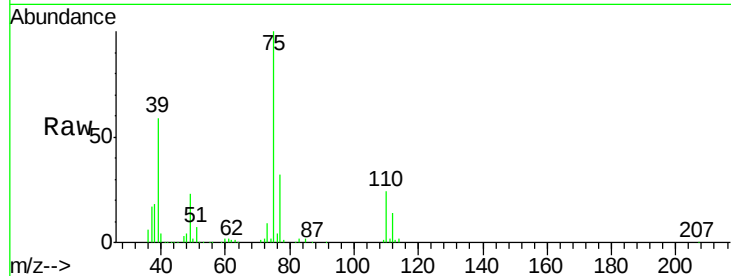
#53
t-1,3-Dichloropropene
Concen: 47.026 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 238292
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

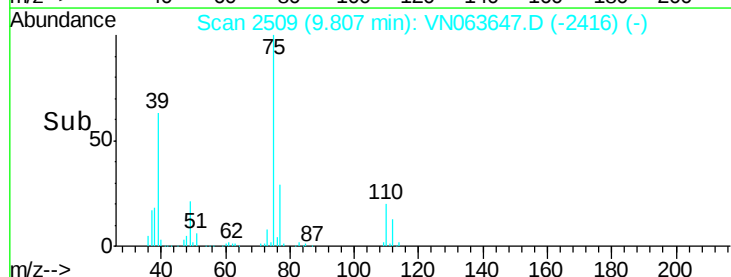
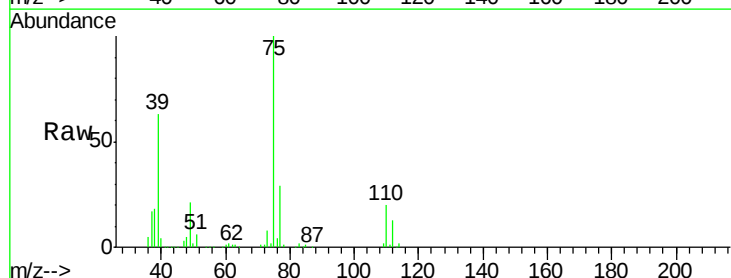
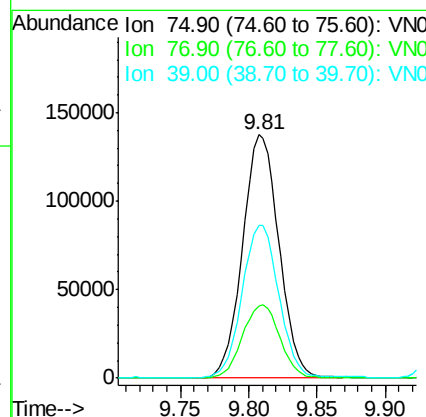
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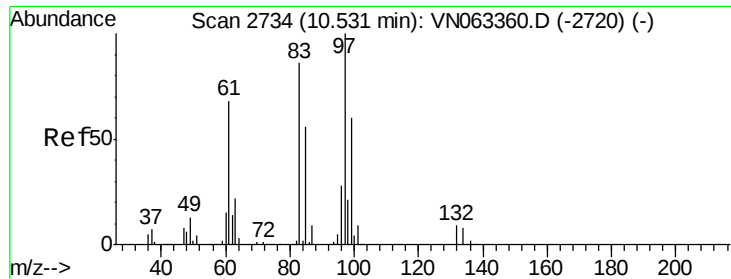
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#54
cis-1,3-Dichloropropene
Concen: 47.729 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 75 Resp: 255104
Ion Ratio Lower Upper
75 100
77 29.5 24.6 37.0
39 62.6 49.8 74.8





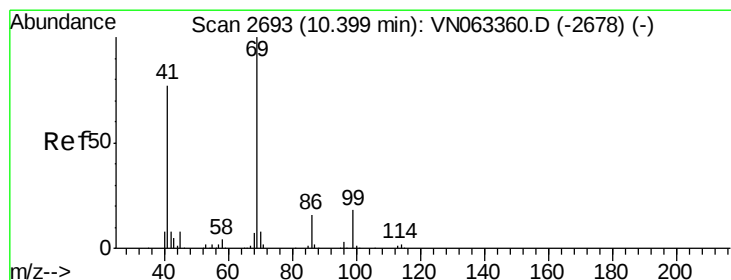
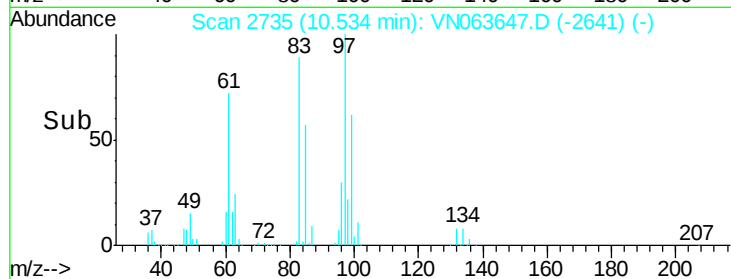
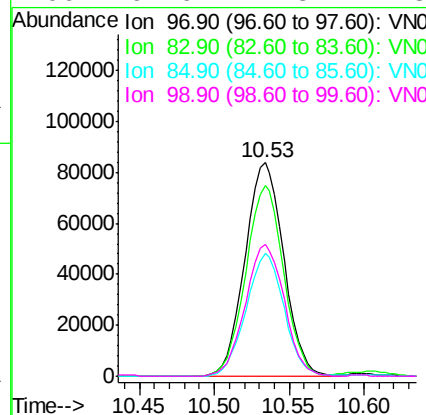
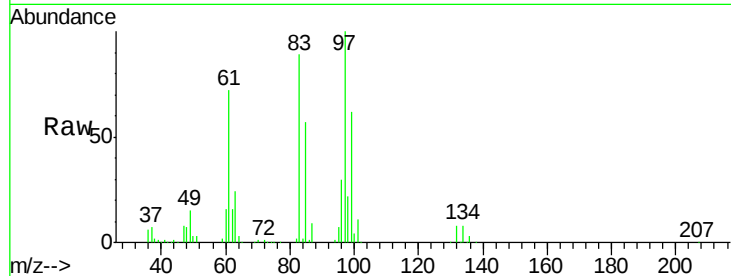
#55
 1,1,2-Trichloroethane
 Concen: 51.920 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	151335
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.9	103.3
85	57.3	44.8	67.2
99	61.6	47.8	71.8

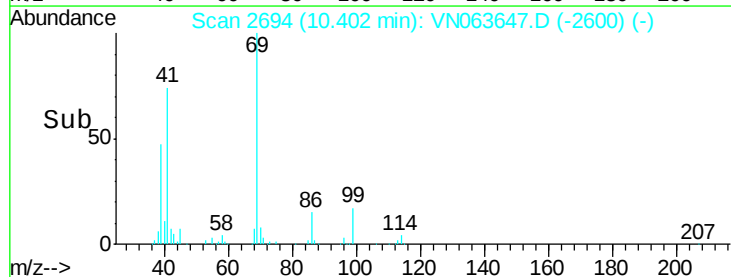
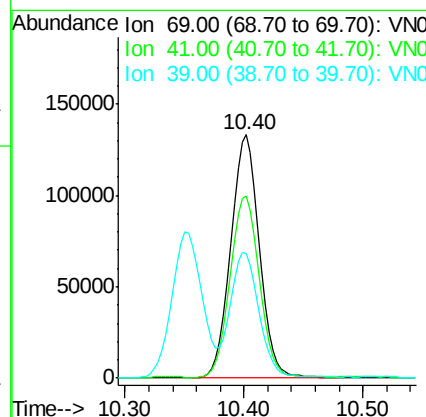
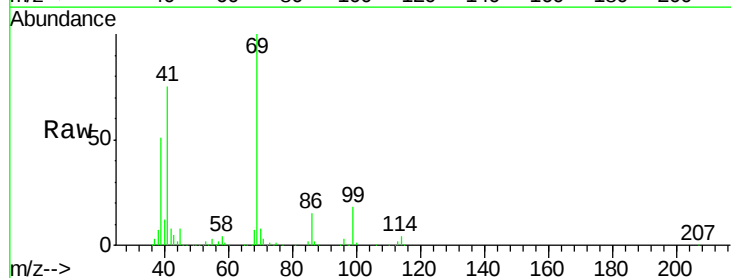
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#56
 Ethyl methacrylate
 Concen: 48.831 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion:	69	Resp:	222195
Ion	Ratio	Lower	Upper
69	100		
41	75.9	61.0	91.6
39	52.1	39.2	58.8





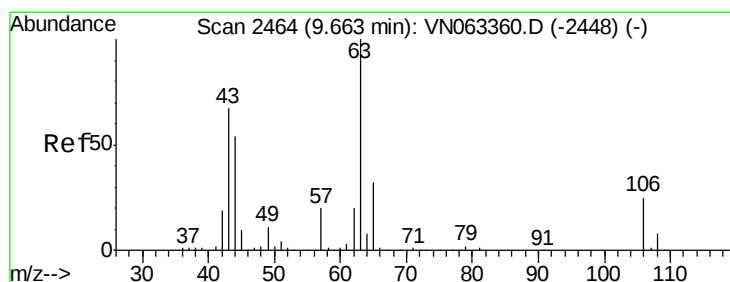
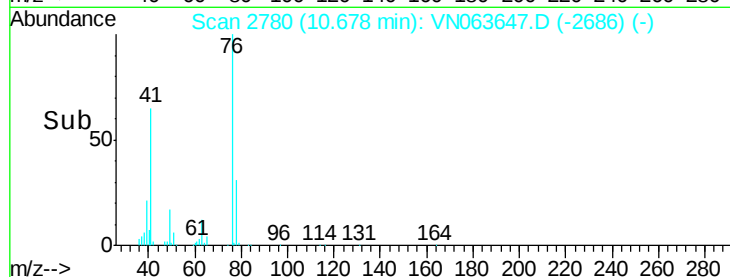
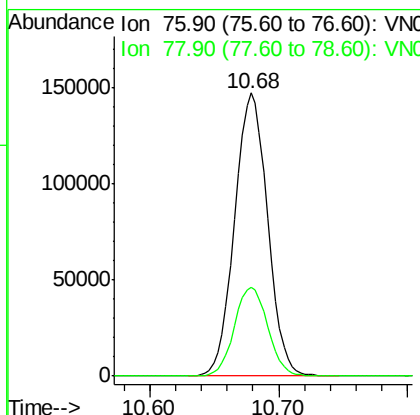
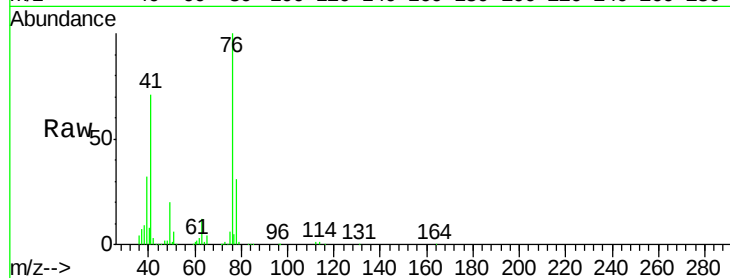
#57
 1,3-Dichloropropane
 Concen: 49.963 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

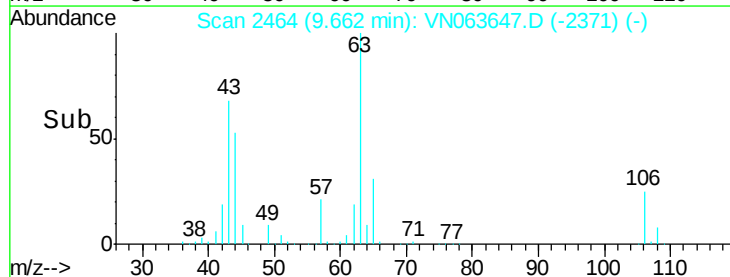
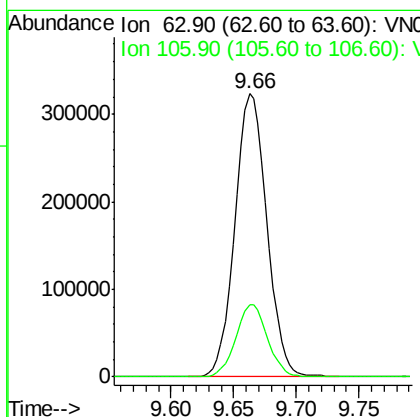
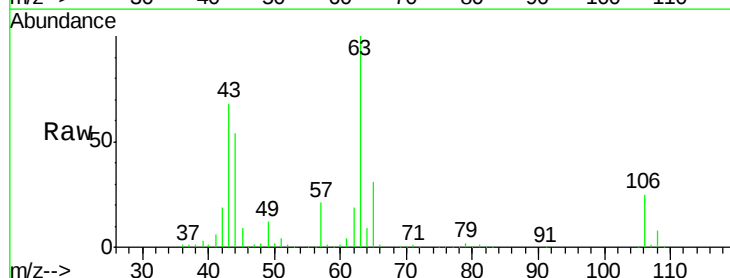
Manual Integrations
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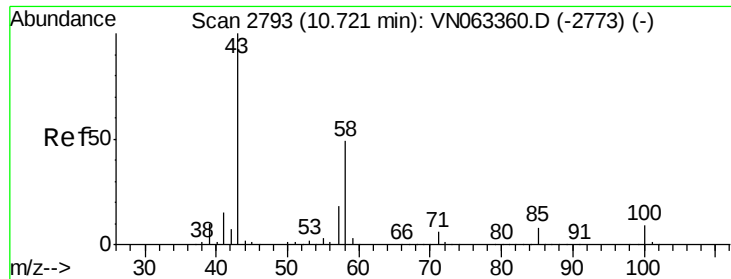
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#58
 2-Chloroethyl Vinyl ether
 Concen: 239.847 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	19.5	29.3





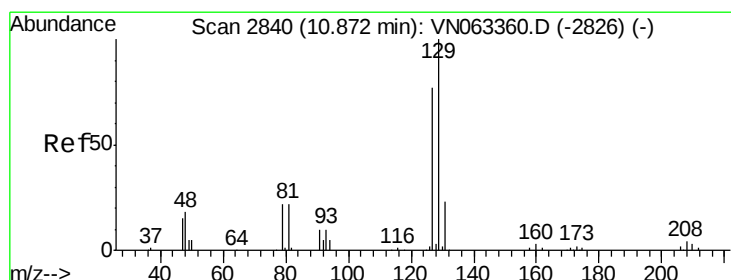
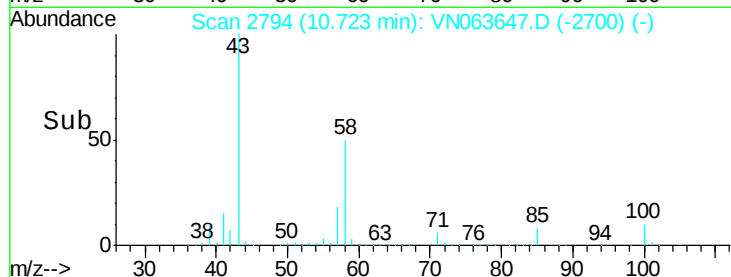
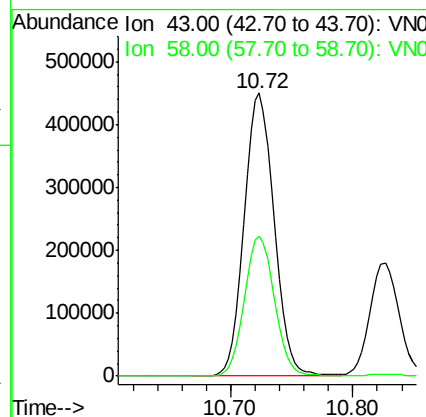
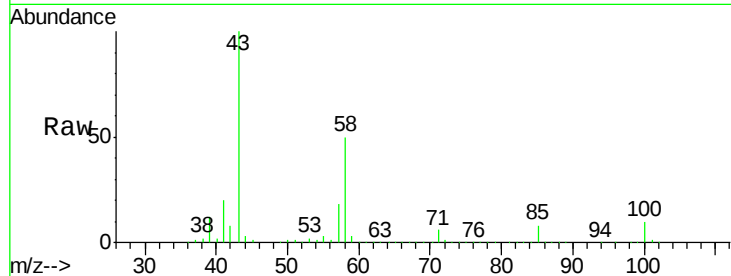
#59
2-Hexanone
Concen: 250.061 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 761000
Ion Ratio Lower Upper
43 100
58 49.6 24.7 74.1

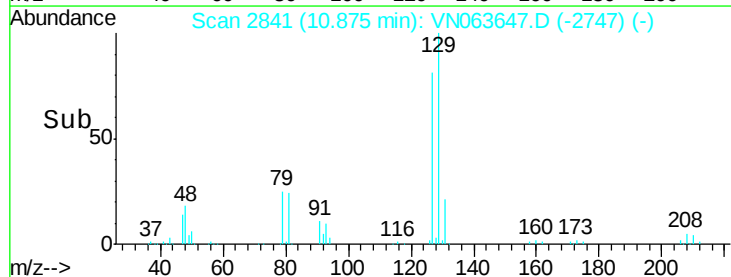
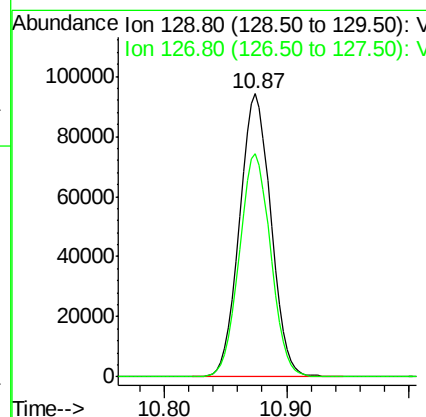
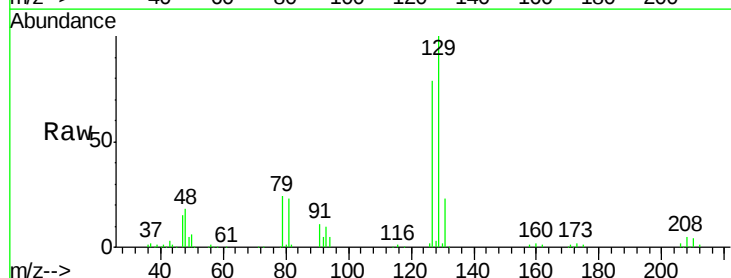
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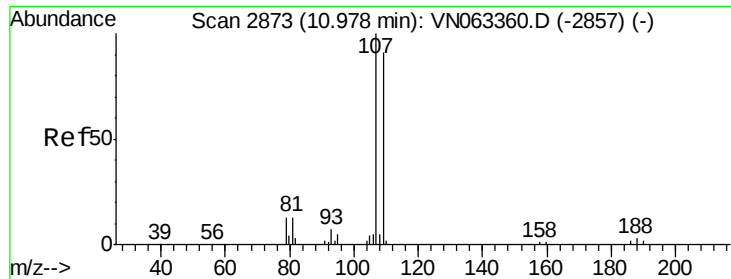
MMDadoda
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#60
Dibromochloromethane
Concen: 51.048 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 129 Resp: 168095
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.3





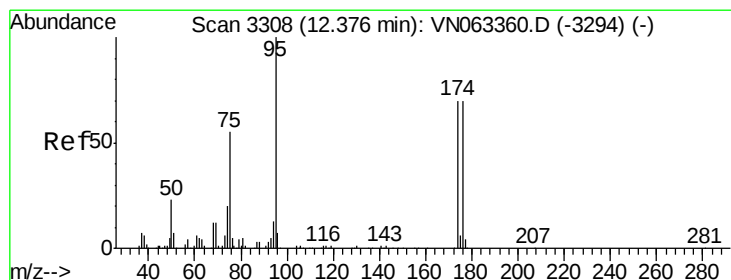
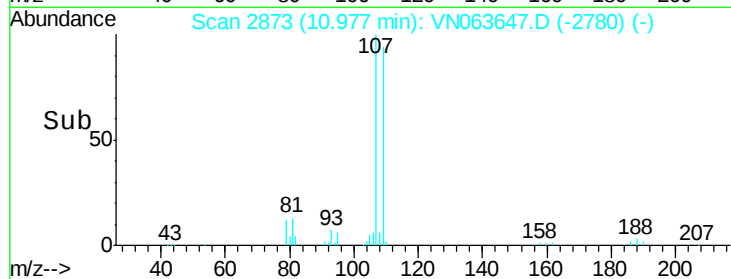
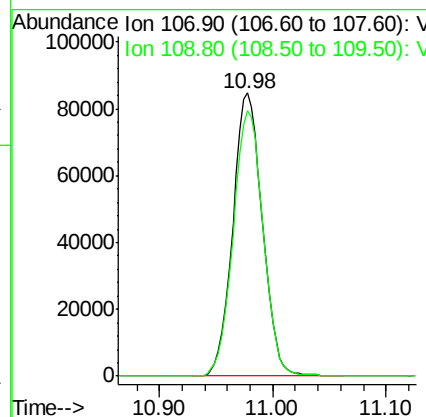
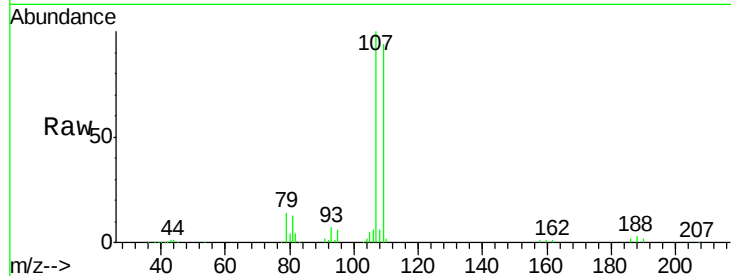
#61
 1,2-Dibromoethane
 Concen: 50.742 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	74.6	111.8

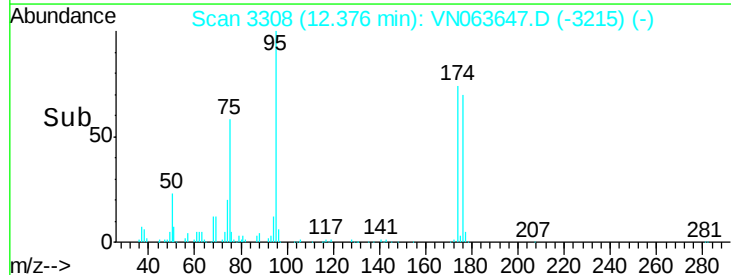
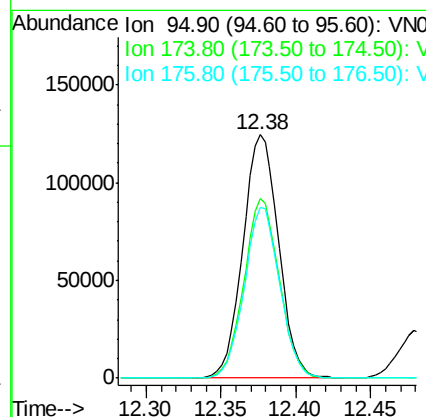
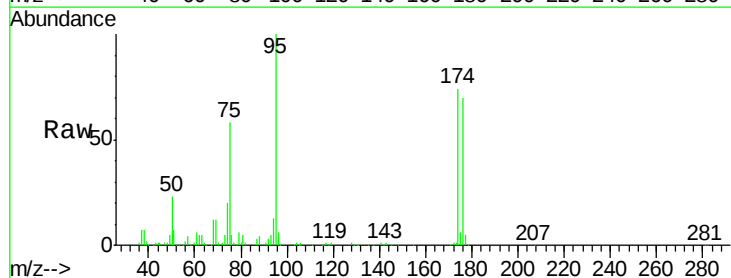
Manual Integrations
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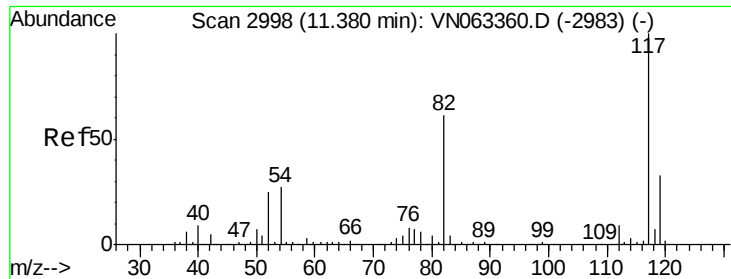
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 53.979 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	140.8
176	69.6	0.0	137.6





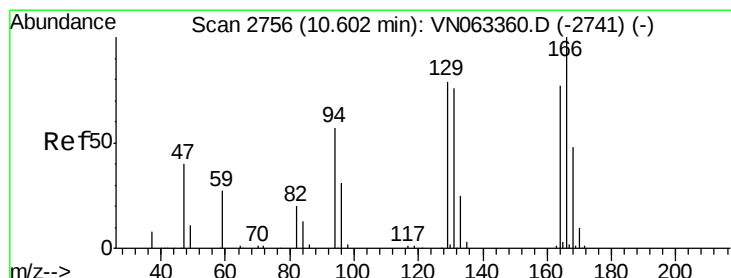
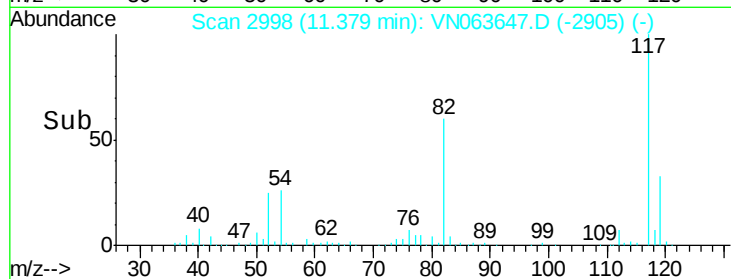
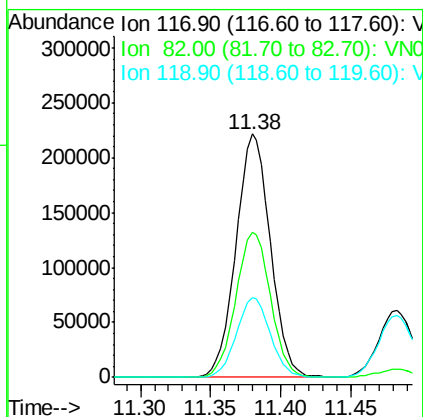
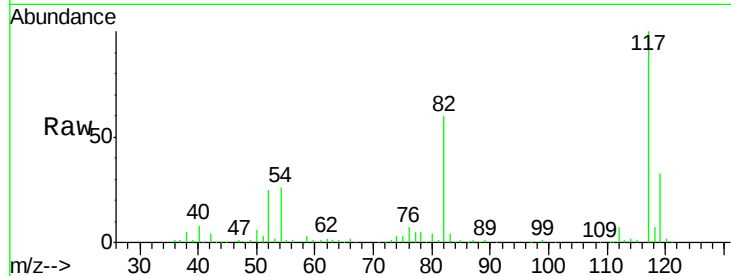
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	49.2	73.8
119	32.9	26.2	39.4

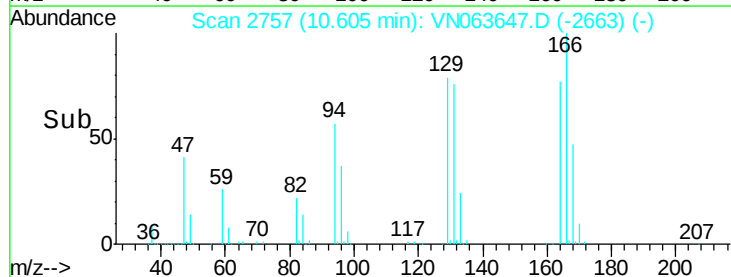
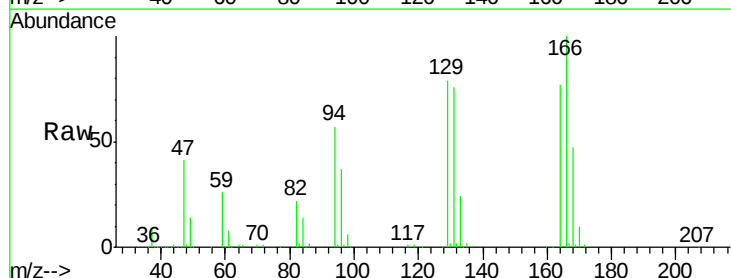
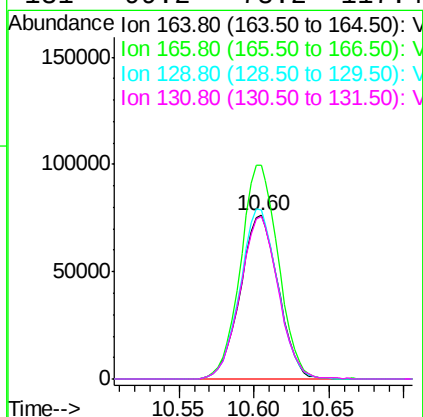
Manual Integrations
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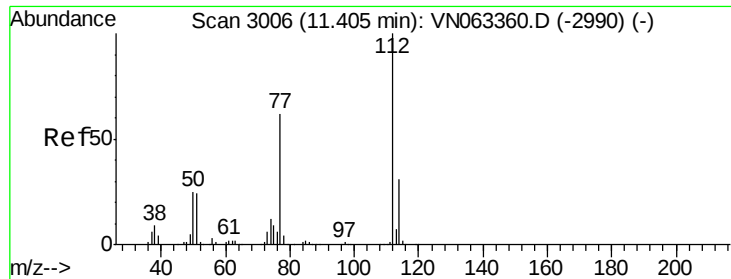
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#64
Tetrachloroethene
Concen: 52.456 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	103.4	155.0
129	103.3	81.8	122.6
131	99.2	78.2	117.4





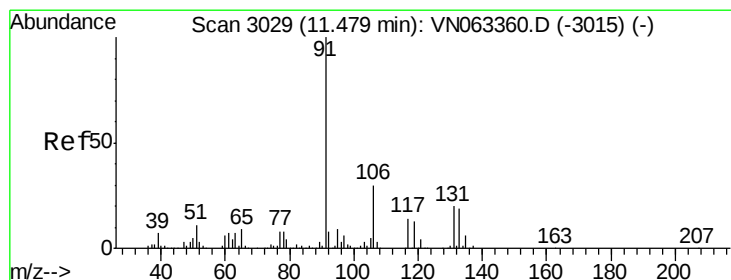
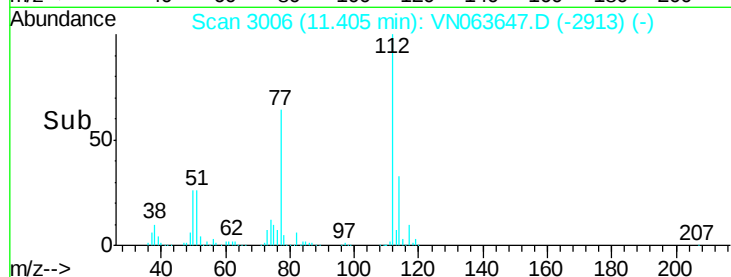
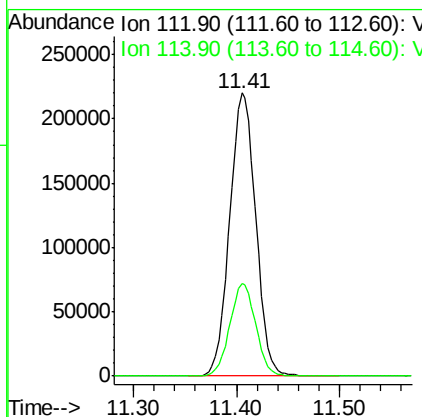
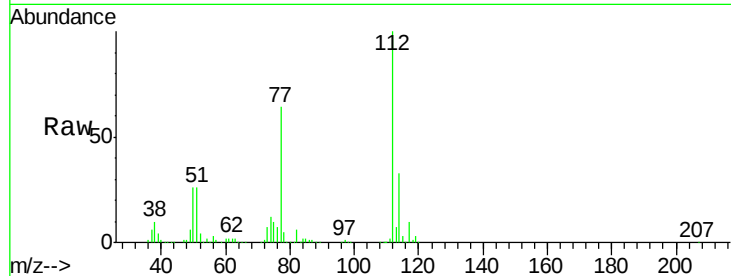
#65
Chlorobenzene
Concen: 48.324 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.0	37.6

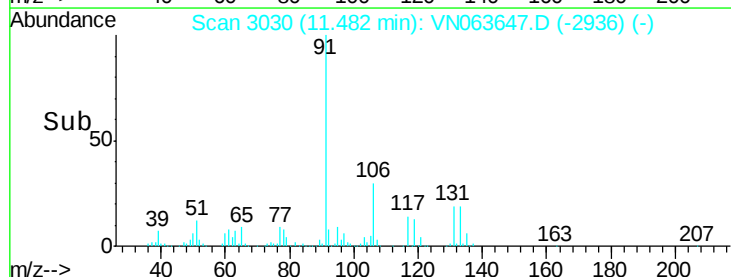
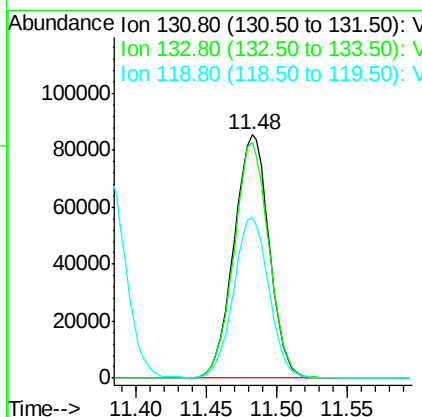
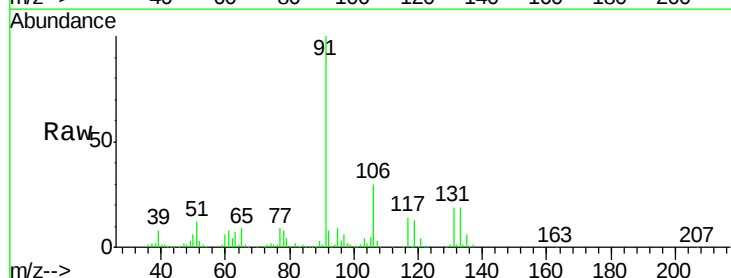
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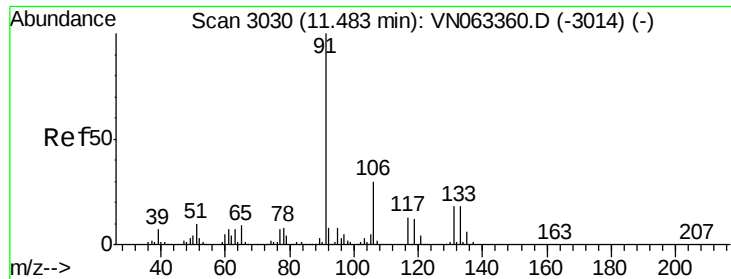
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.725 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	141.9
119	66.3	33.6	100.8





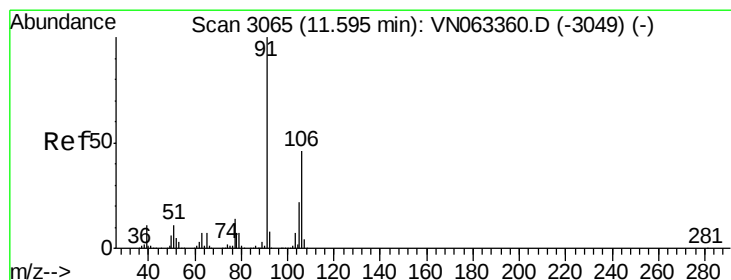
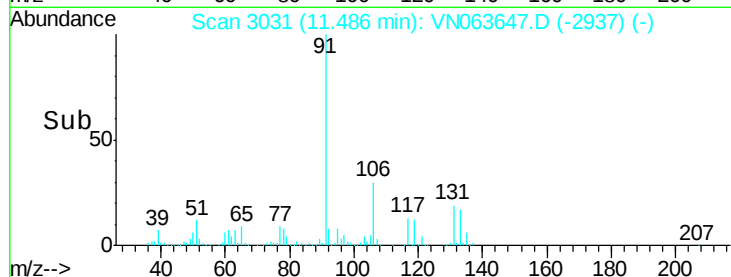
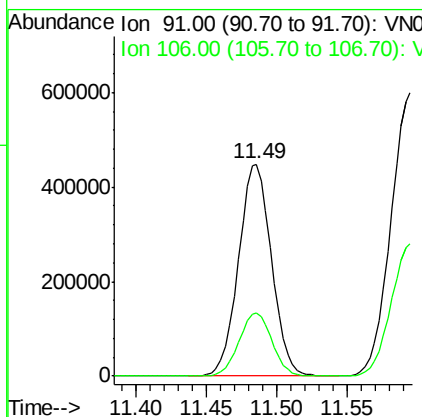
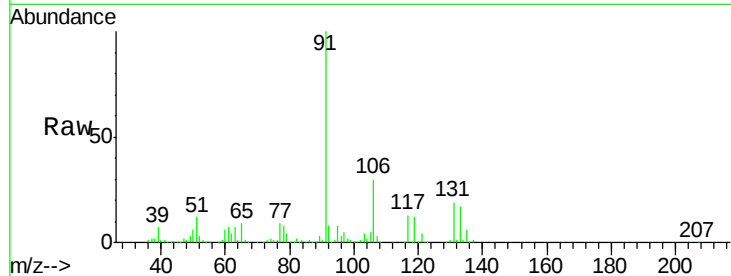
#67
Ethyl Benzene
Concen: 48.658 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 737030
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

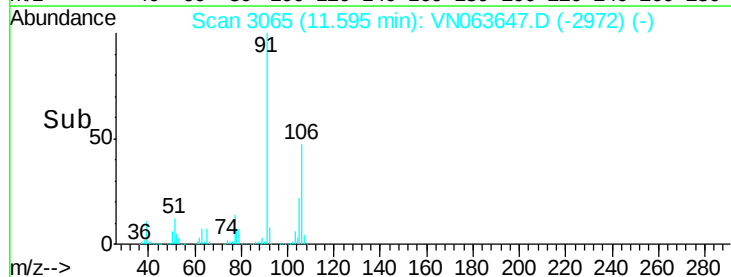
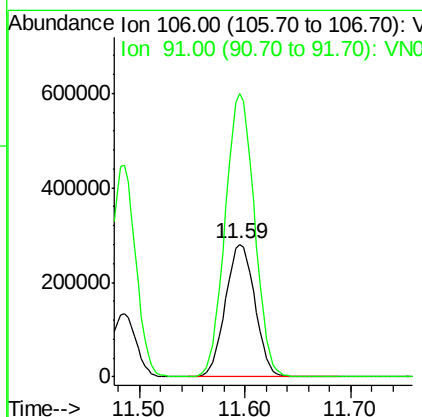
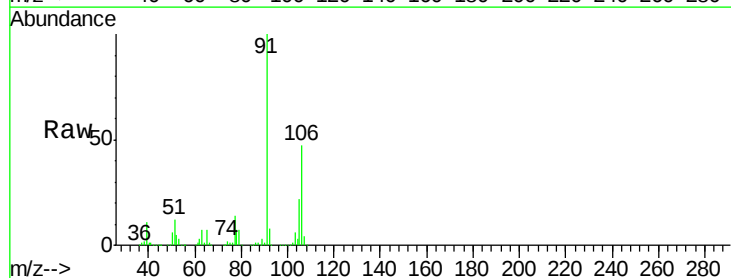
Manual Integrations
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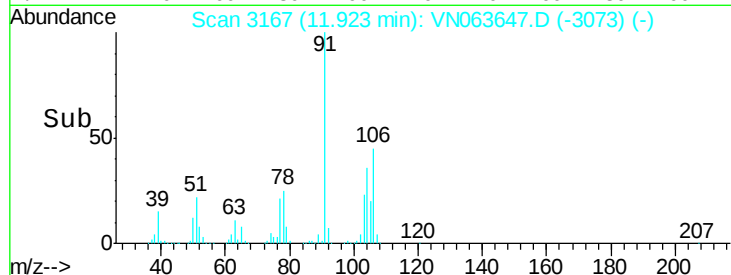
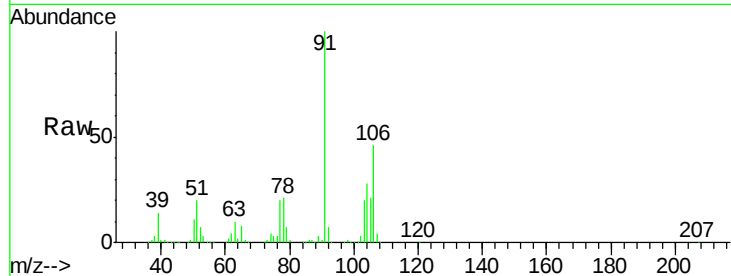
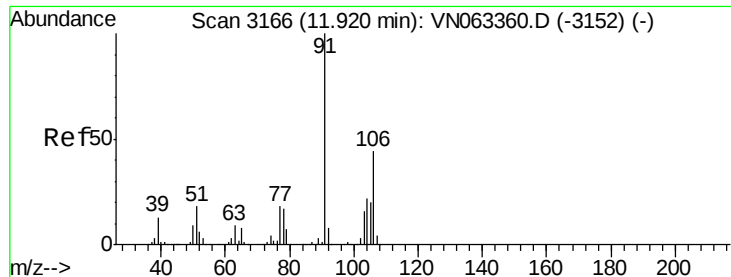
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#68
m/p-Xylenes
Concen: 99.266 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 106 Resp: 542129
Ion Ratio Lower Upper
106 100
91 211.9 171.2 256.8





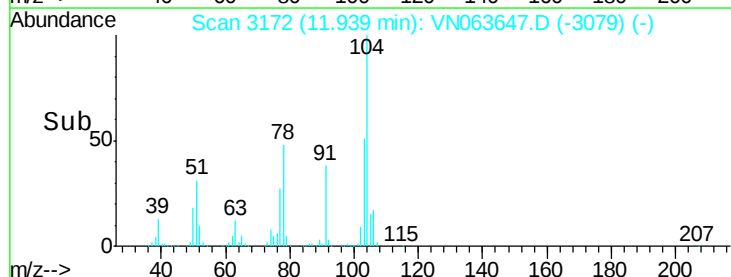
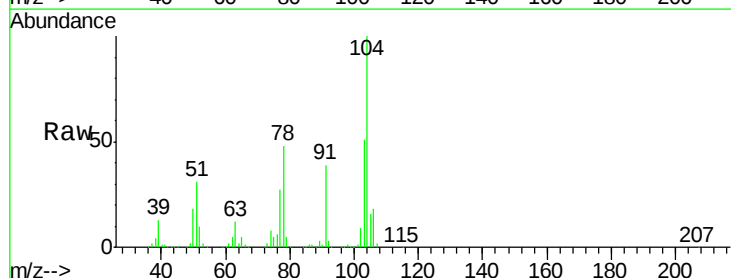
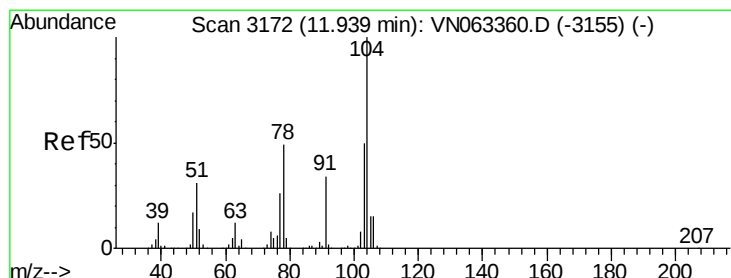
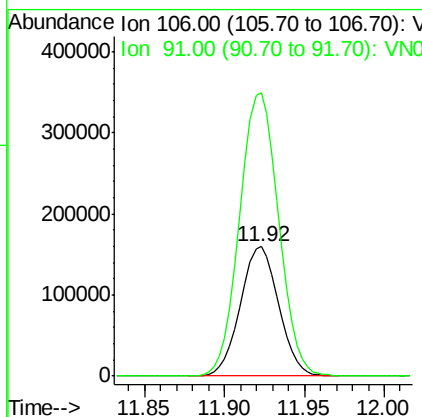
#69
o-Xylene
Concen: 50.283 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tot Ion: 106 Resp: 261598
Ion Ratio Lower Upper
106 100
91 221.8 113.6 340.8

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

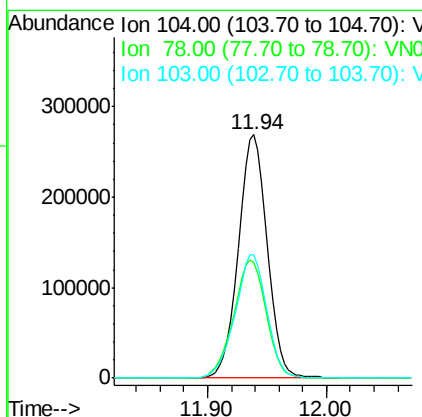
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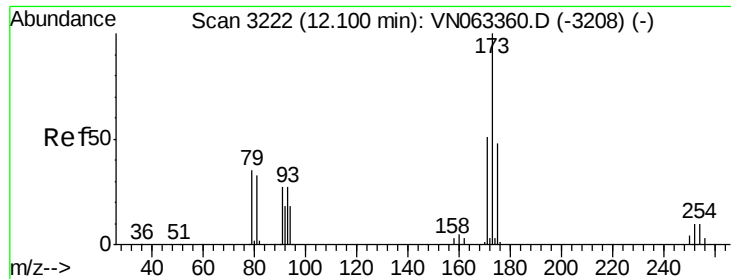
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#70
Styrene
Concen: 51.715 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 104 Resp: 451186
Ion Ratio Lower Upper
104 100
78 54.9 44.4 66.6
103 55.7 43.7 65.5





#71

Bromoform

Concen: 51.370 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

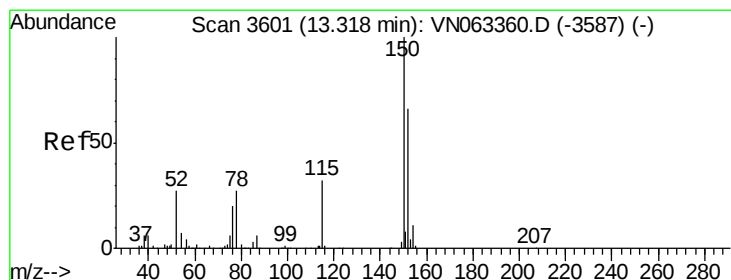
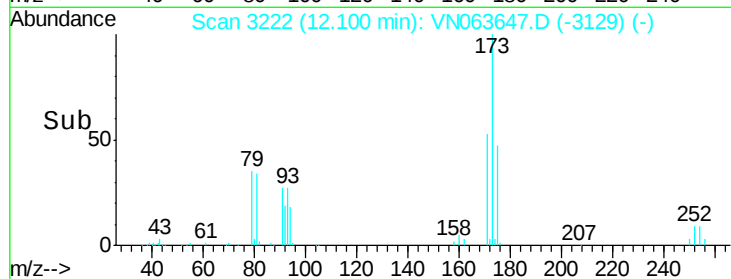
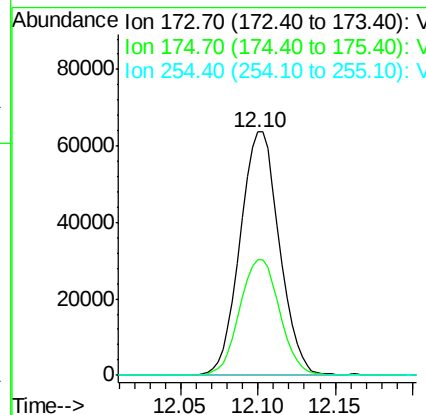
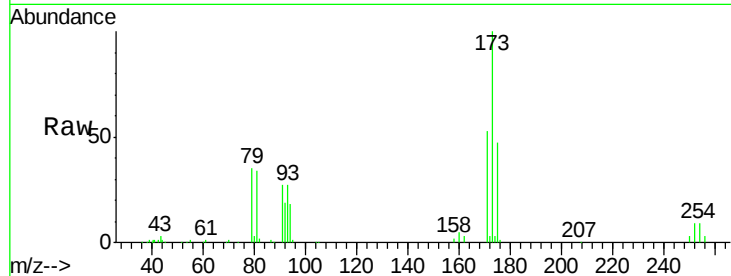
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

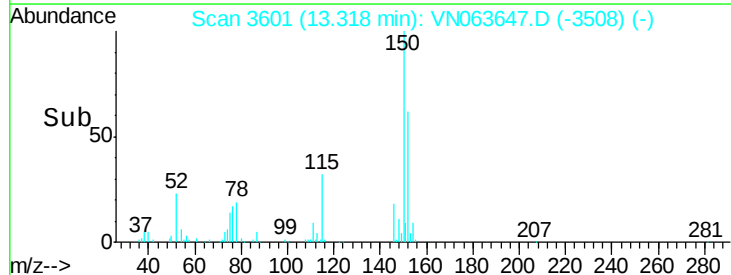
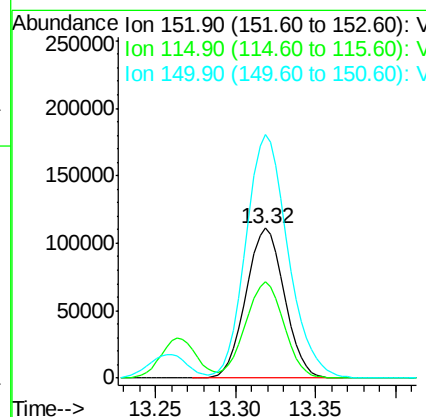
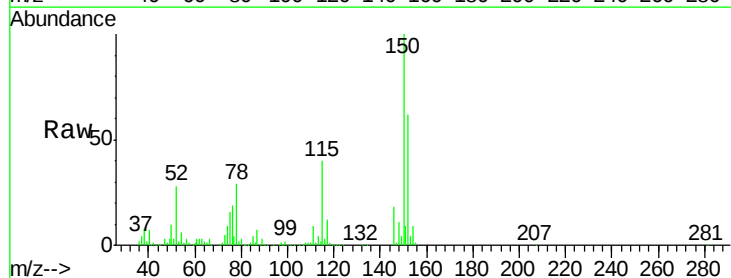
RT: 13.32 min Scan# 3601

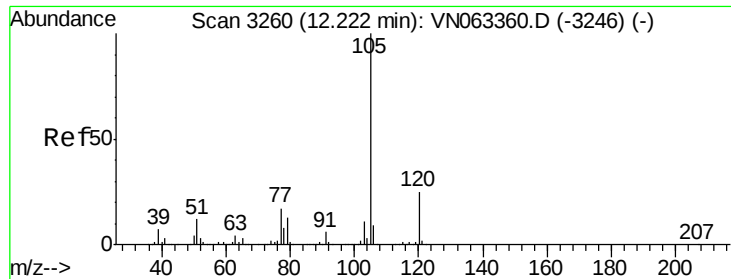
Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.2	96.6
150	177.5	0.0	343.4





#73

Isopropylbenzene

Concen: 48.470 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 707943

Ion Ratio Lower Upper

105 100

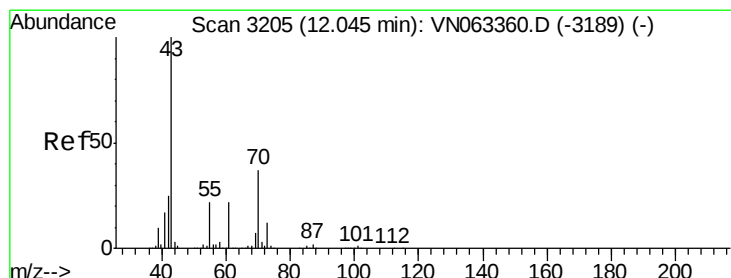
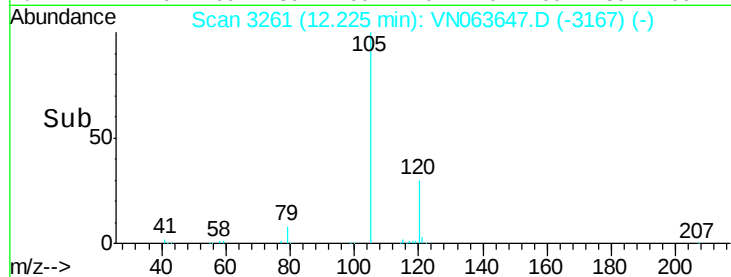
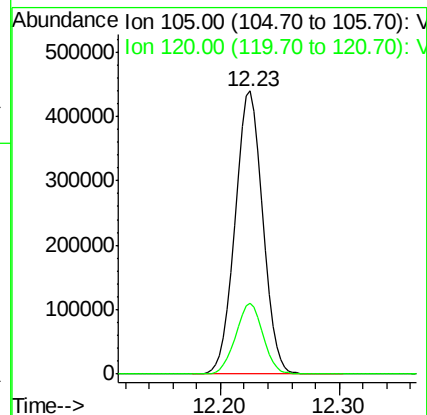
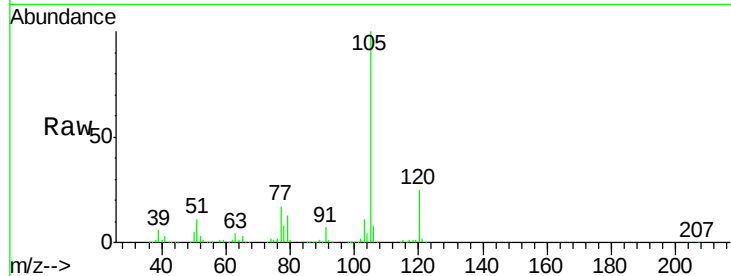
120 24.7 12.7 38.0

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#74

N-ethyl acetate

Concen: 46.111 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion: 43 Resp: 318810

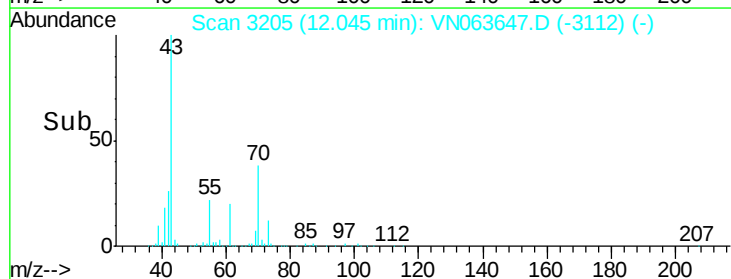
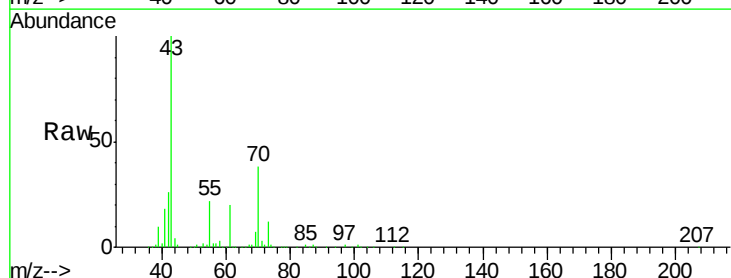
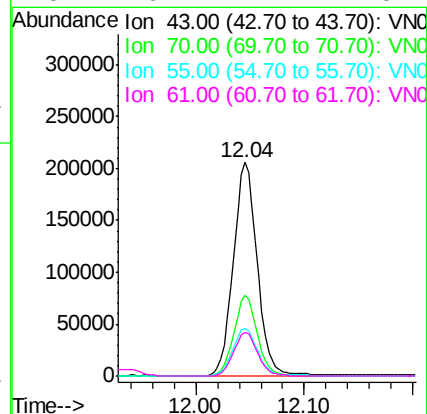
Ion Ratio Lower Upper

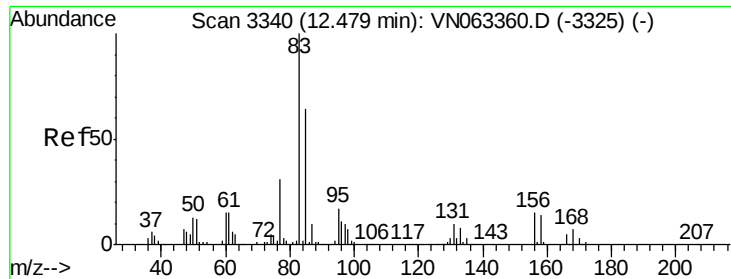
43 100

70 37.0 29.6 44.4

55 23.1 17.7 26.5

61 20.7 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.520 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

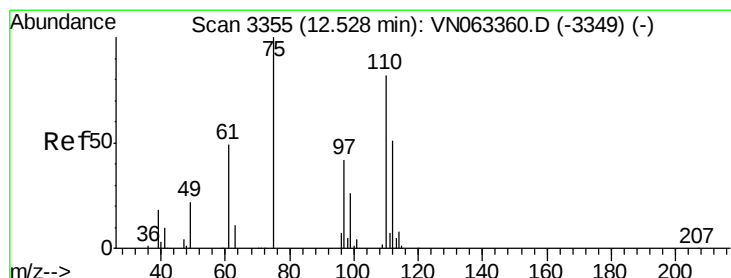
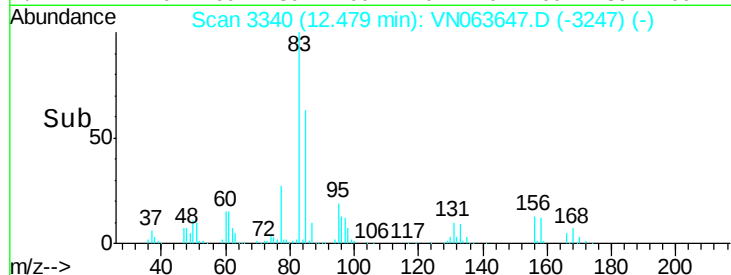
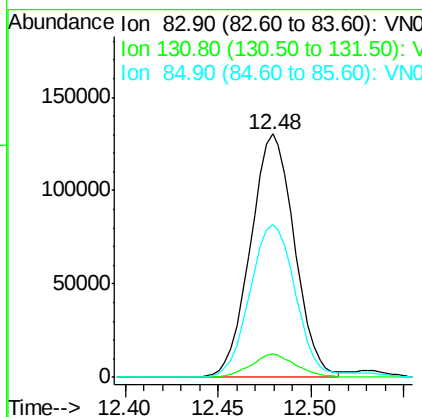
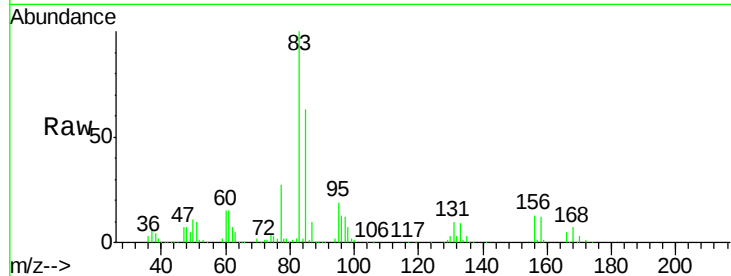
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	214904
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	65.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 45.758 ug/l m

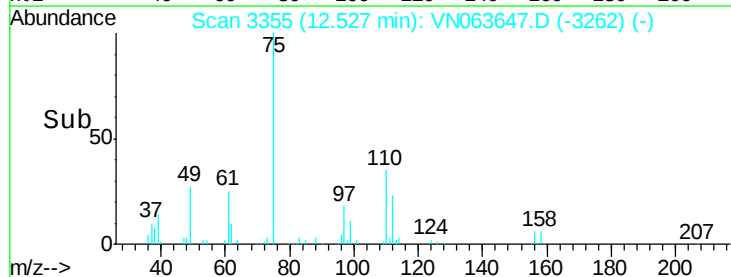
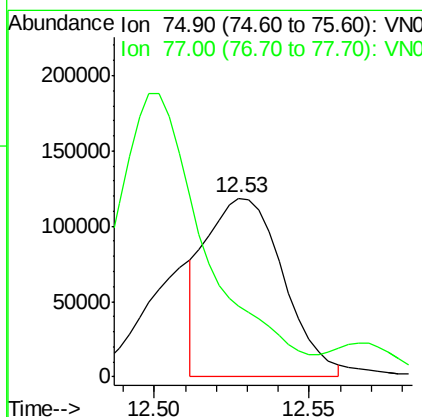
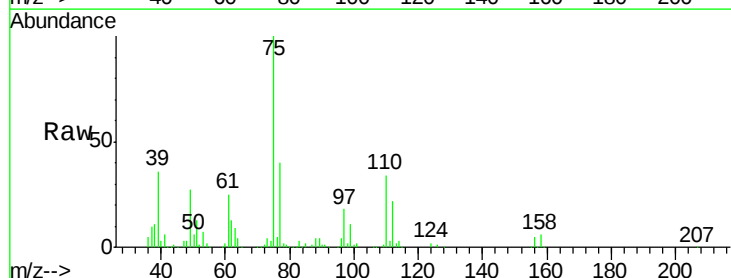
RT: 12.53 min Scan# 3355

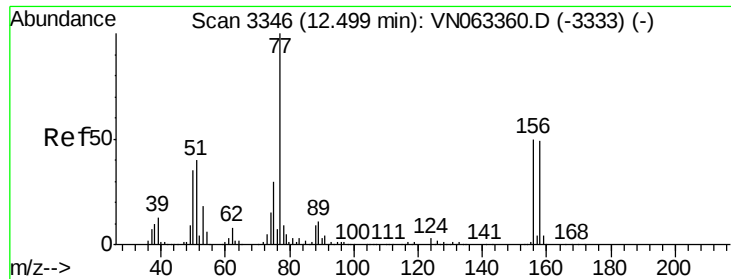
Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion:	75	Resp:	206428
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.944 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 167374

Ion Ratio Lower Upper

156 100

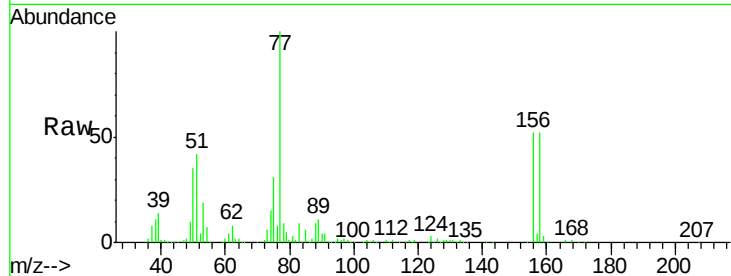
77 229.4 120.2 360.6

158 97.9 48.9 146.6

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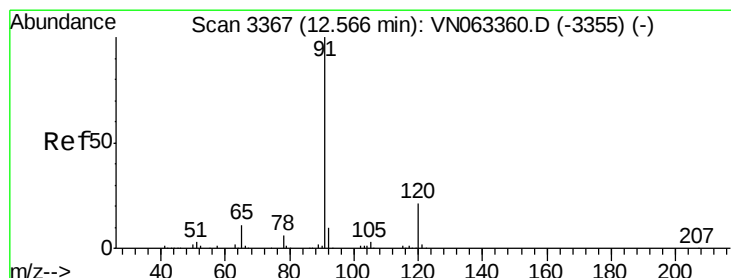
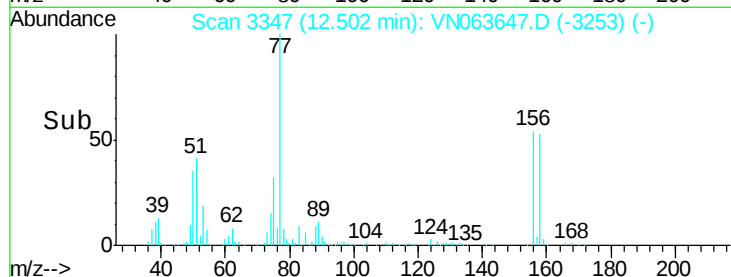
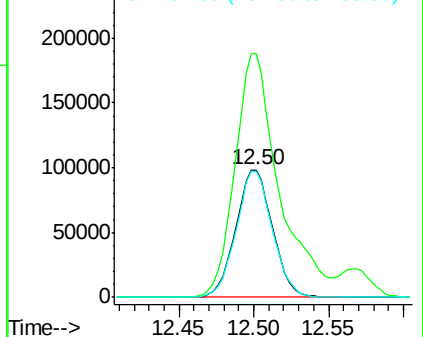
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.208 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063647.D

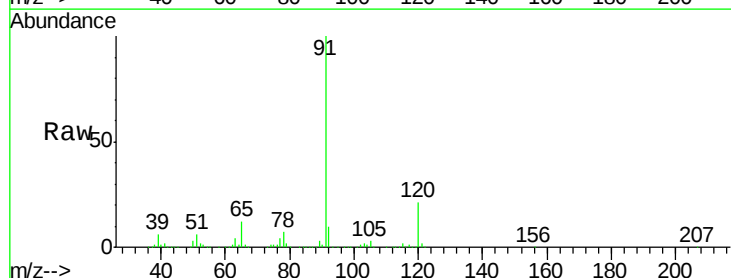
Acq: 24 Sep 2020 23:03

Tgt Ion: 91 Resp: 820092

Ion Ratio Lower Upper

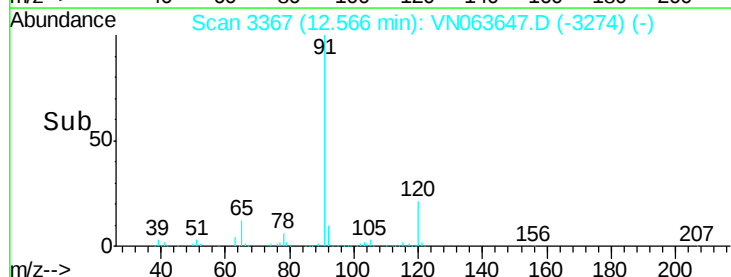
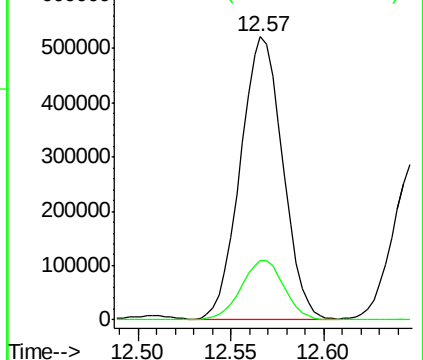
91 100

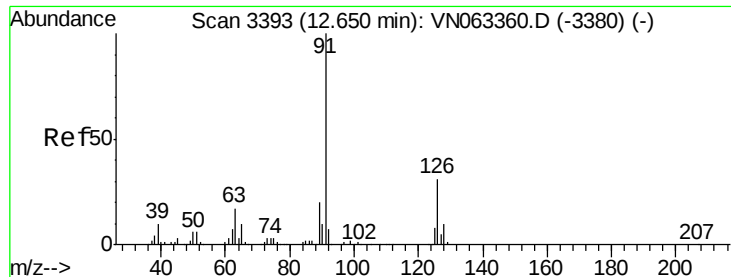
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





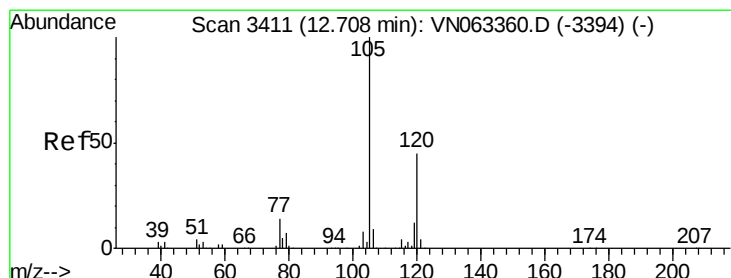
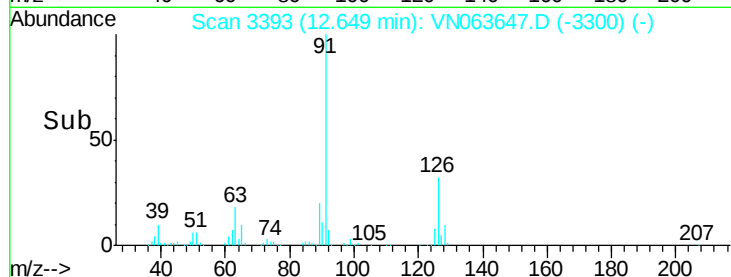
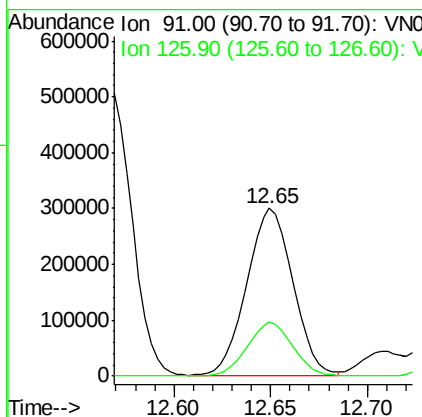
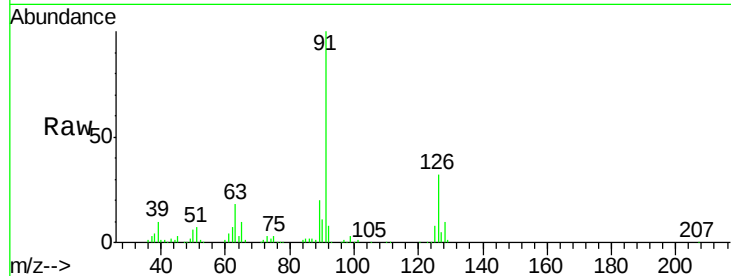
#79
 2-Chlorotoluene
 Concen: 48.705 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 496673
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.8 47.3

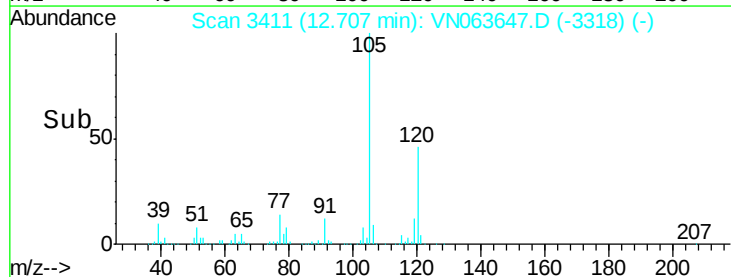
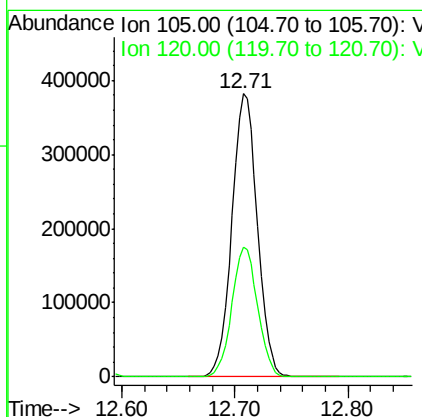
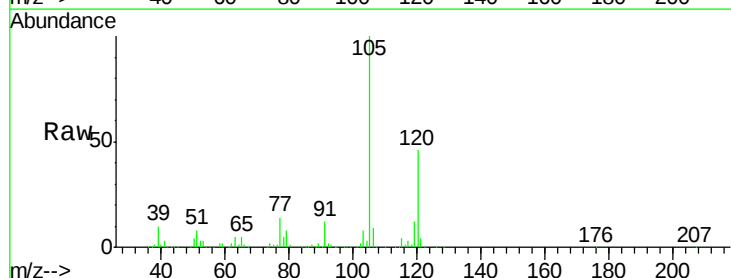
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.948 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion: 105 Resp: 596151
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 42.377 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

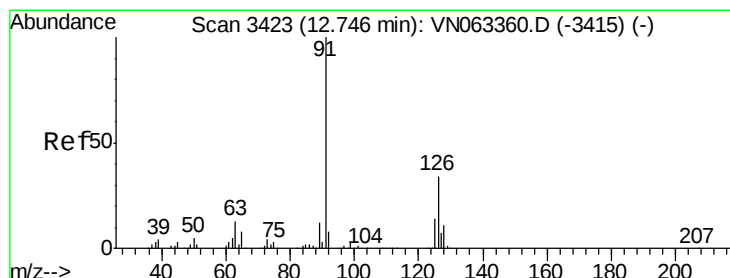
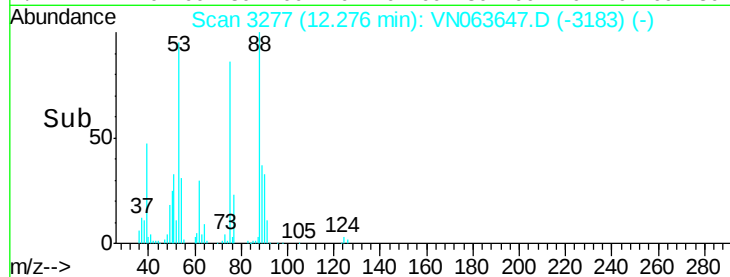
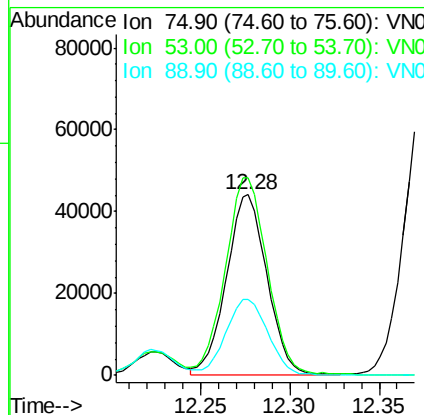
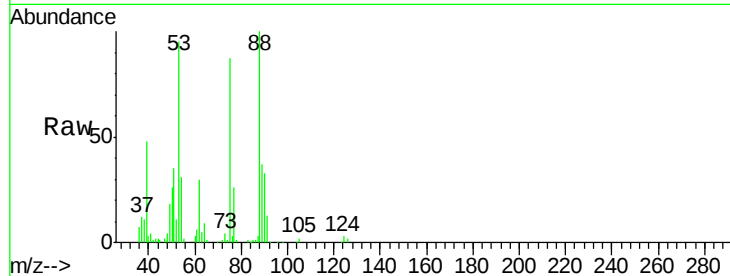
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	69731
Ion	Ratio	Lower	Upper
75	100		
53	114.1	85.7	128.5
89	43.8	38.0	57.0

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#82

4-Chlorotoluene

Concen: 48.685 ug/l

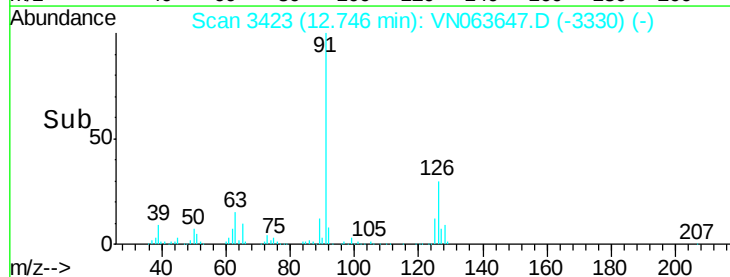
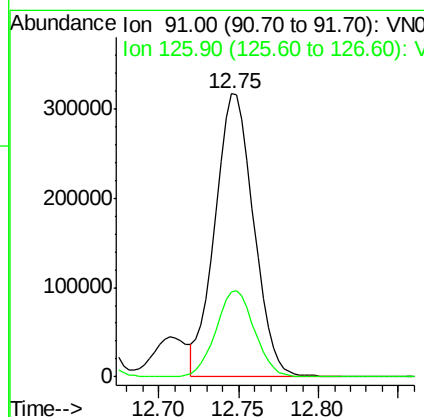
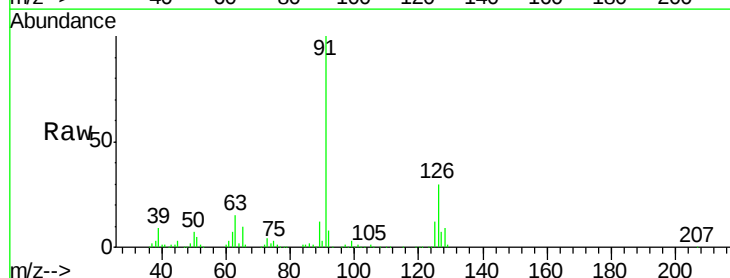
RT: 12.75 min Scan# 3423

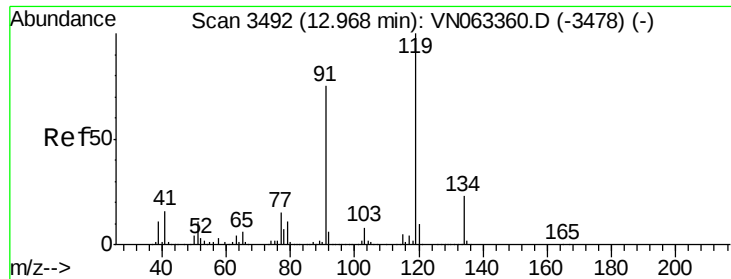
Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion:	91	Resp:	524561
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5





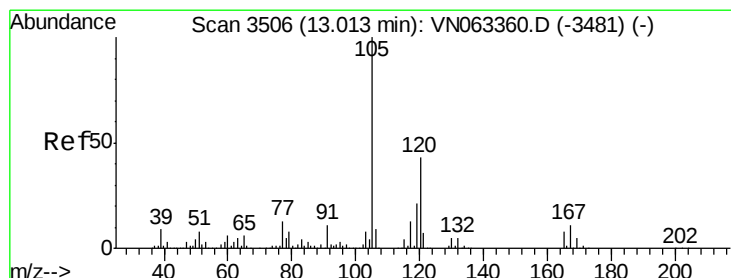
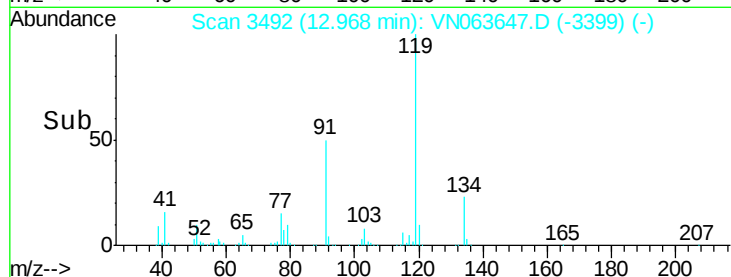
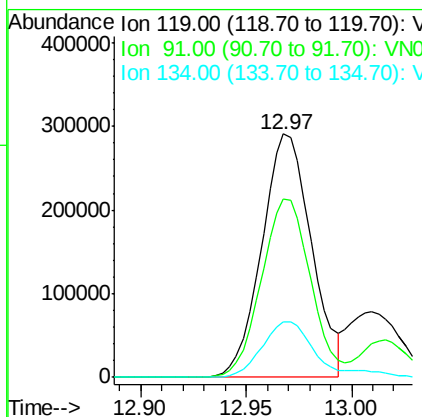
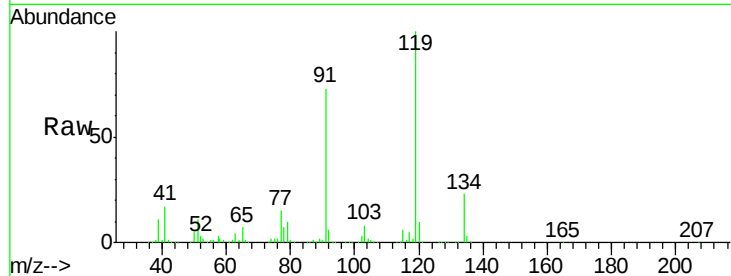
#83
 tert-Butylbenzene
 Concen: 47.519 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.3	36.3	108.9
134	23.3	12.3	36.8

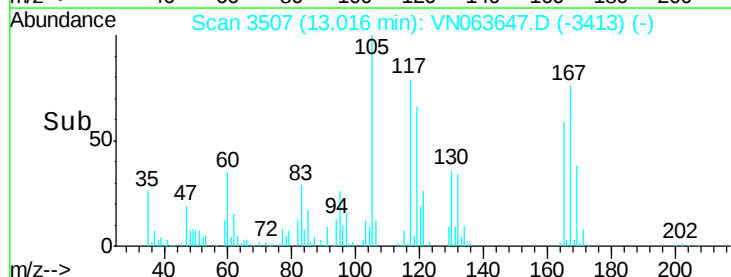
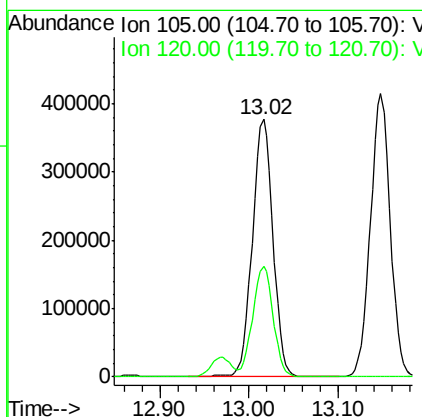
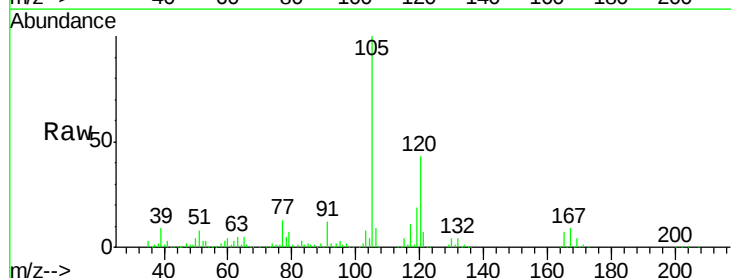
Manual Integrations
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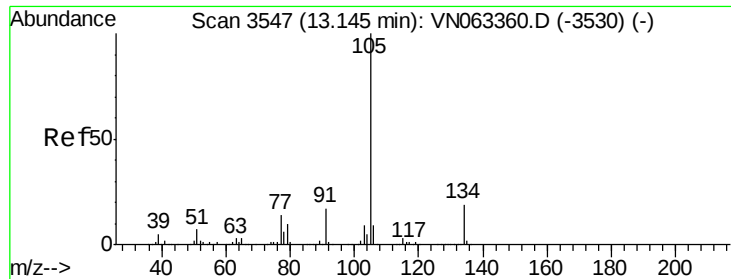
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.625 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.3	63.9





#85

sec-Butylbenzene

Concen: 47.330 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 636838

Ion Ratio Lower Upper

105 100

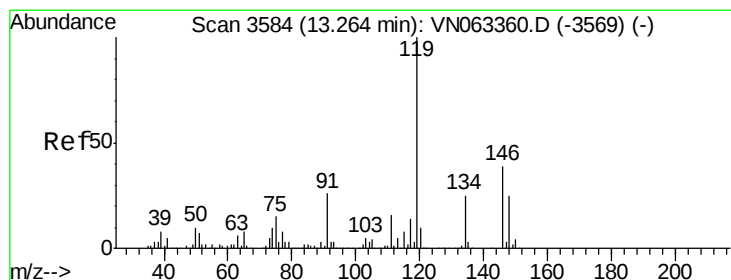
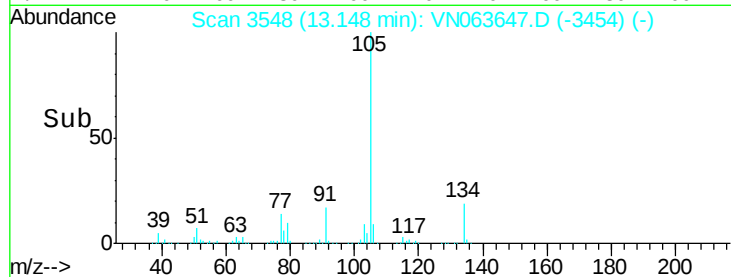
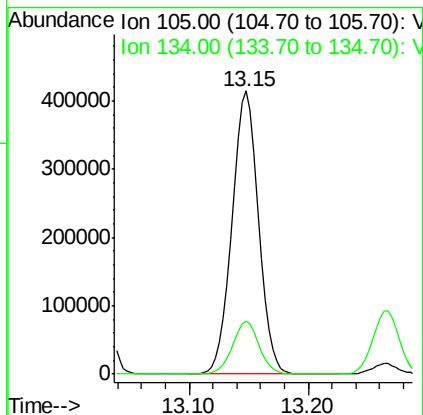
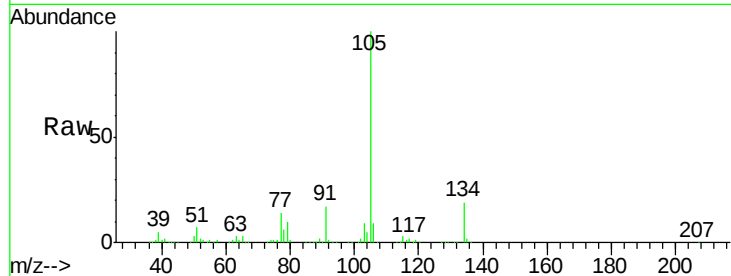
134 18.7 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.055 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

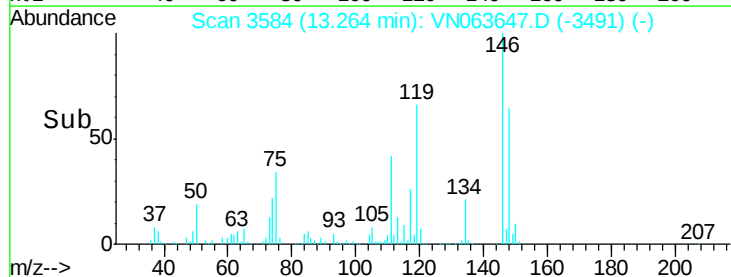
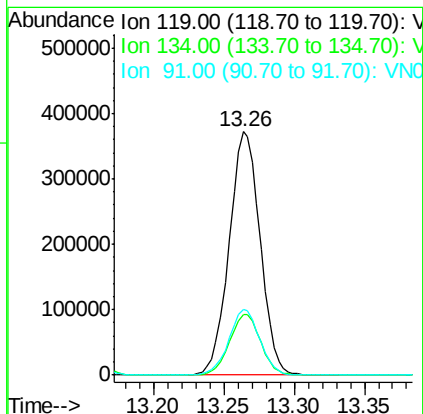
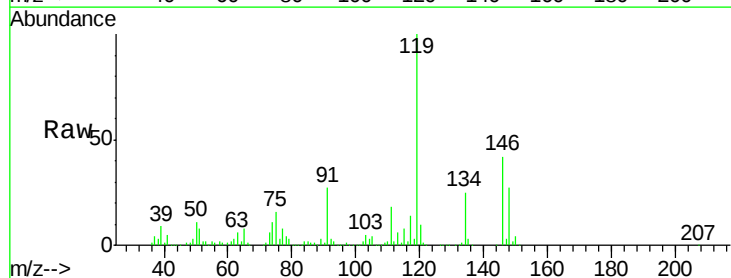
Tgt Ion:119 Resp: 570307

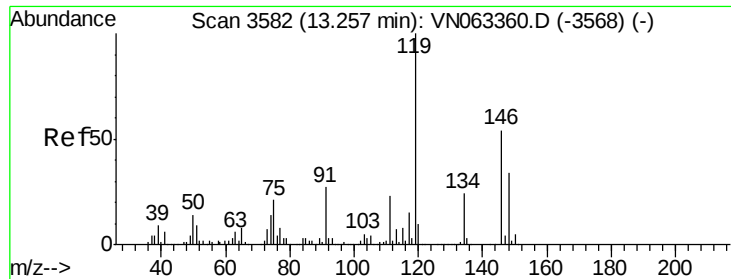
Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

91 26.7 13.4 40.1





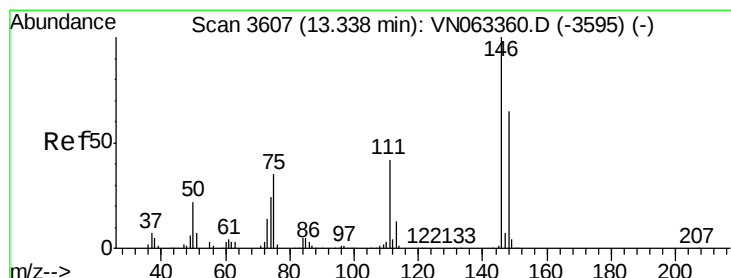
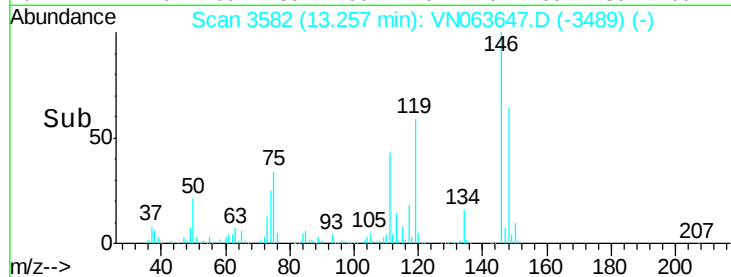
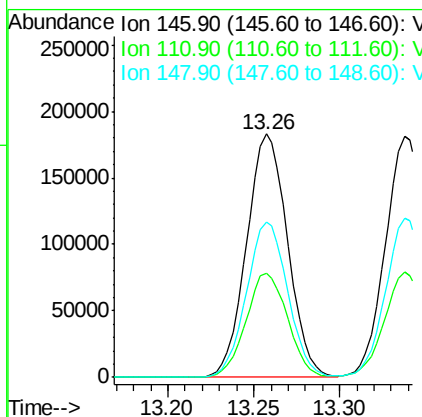
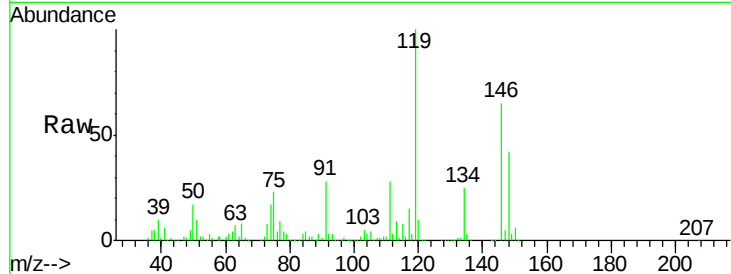
#87
 1,3-Dichlorobenzene
 Concen: 49.806 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	303293		
111	43.4	21.4	64.3	
148	63.9	31.9	95.7	

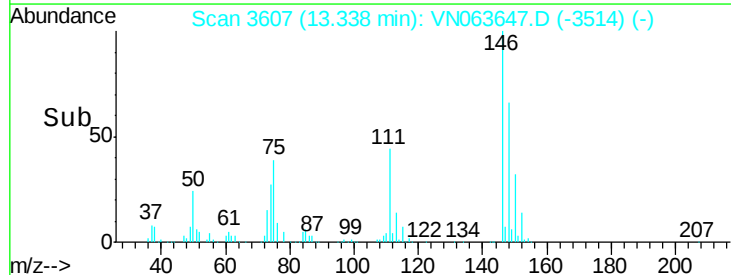
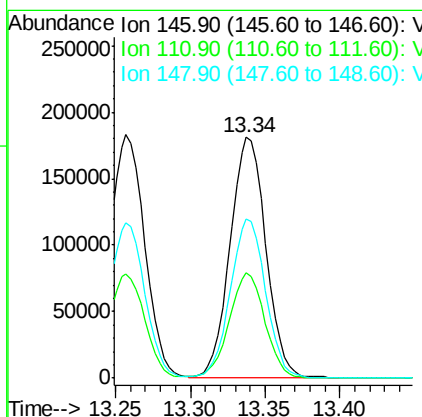
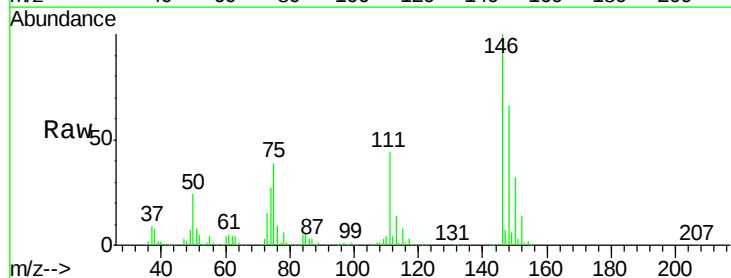
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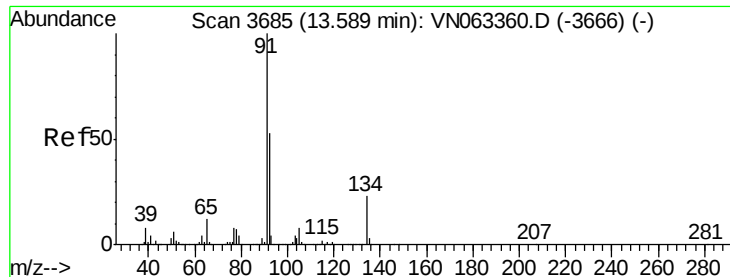
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#88
 1,4-Dichlorobenzene
 Concen: 48.512 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	300345		
111	43.3	21.2	63.6	
148	65.3	31.9	95.9	





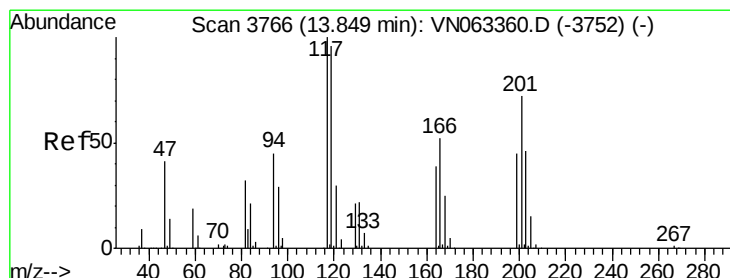
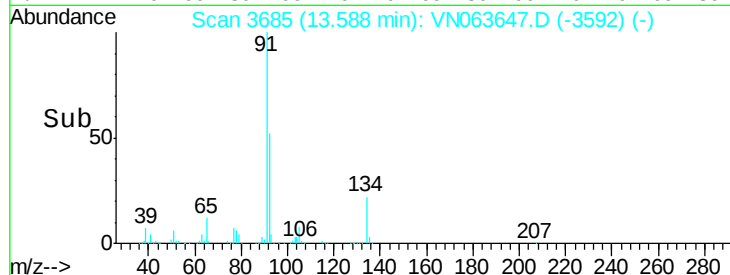
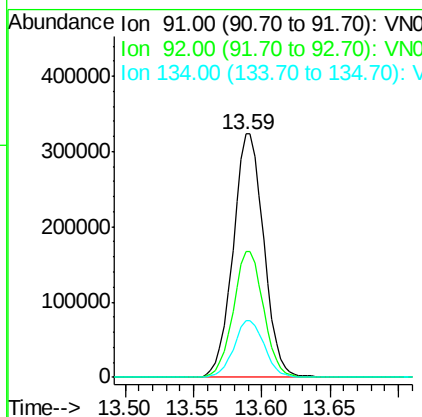
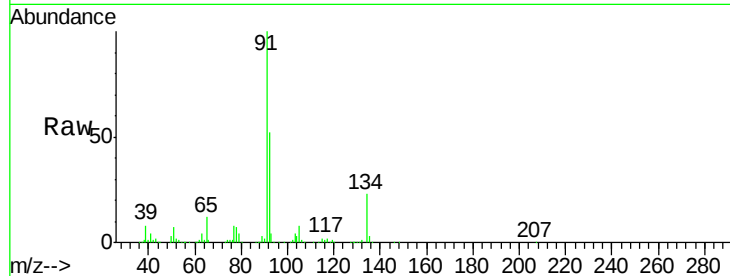
#89
n-Butylbenzene
Concen: 46.103 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.0	78.0
134	23.1	11.7	35.0

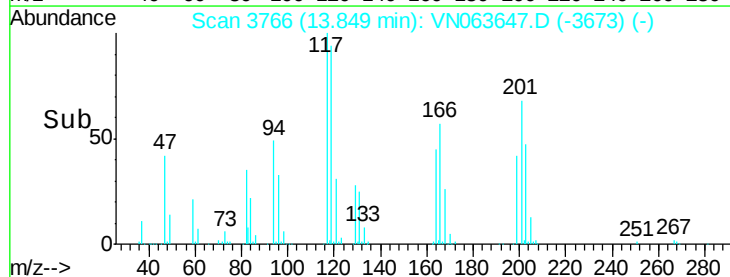
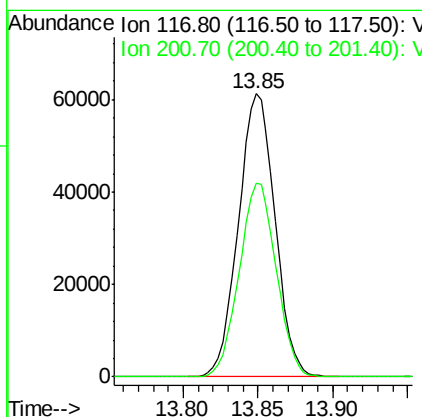
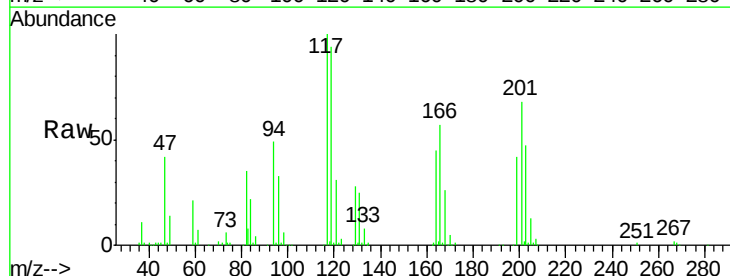
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#90
Hexachloroethane
Concen: 46.189 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.1	35.5	106.7





#91

1,2-Dichlorobenzene

Concen: 50.320 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

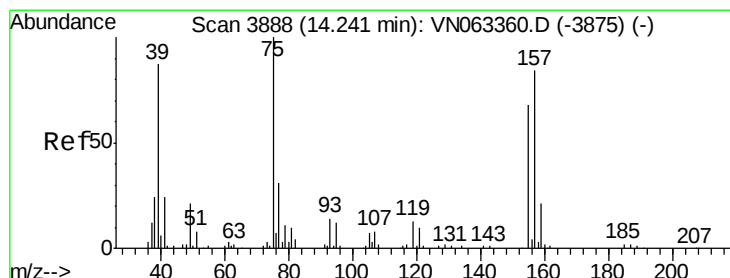
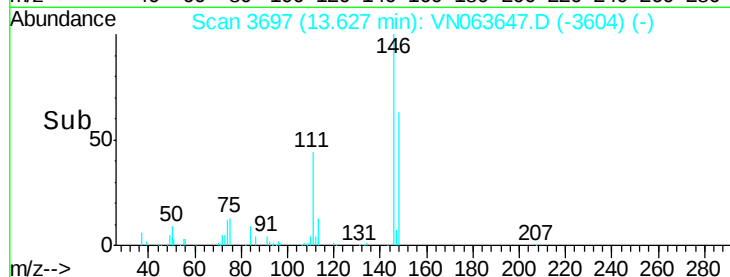
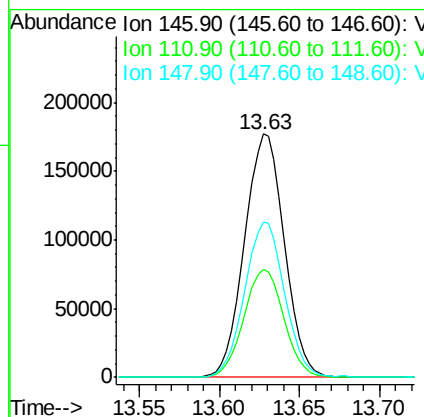
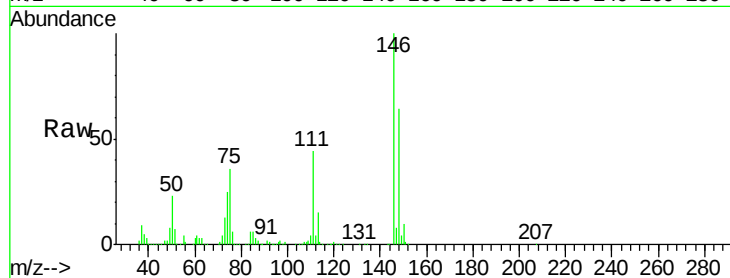
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	300844
Ion Ratio	Lower	Upper	
146	100		
111	44.5	22.4	67.2
148	64.0	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 44.708 ug/l

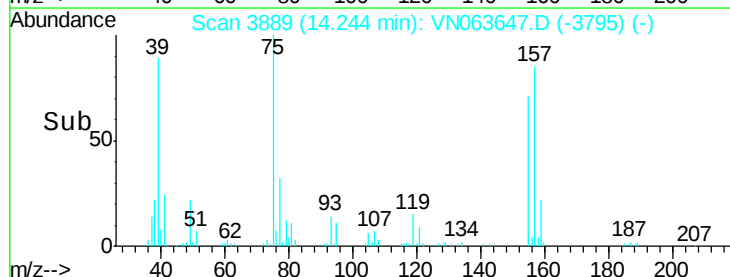
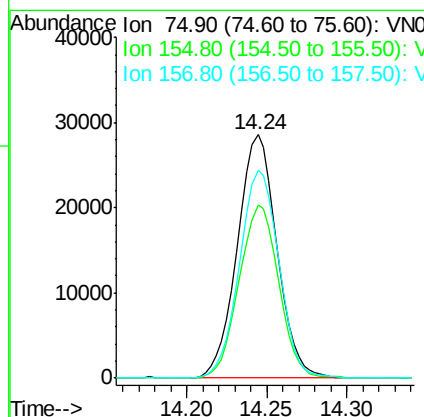
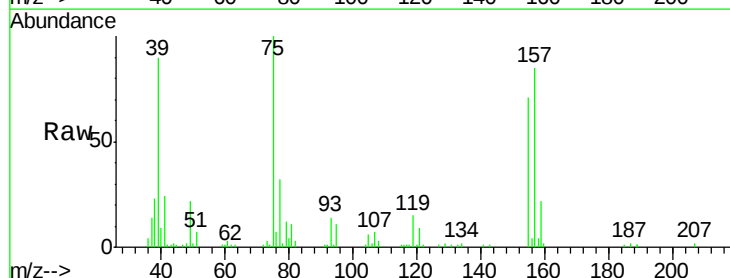
RT: 14.24 min Scan# 3889

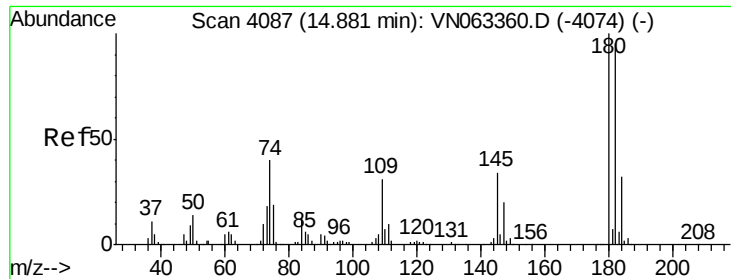
Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion:	75	Resp:	48146
Ion Ratio	Lower	Upper	
75	100		
155	71.3	34.6	103.9
157	85.1	43.7	131.1





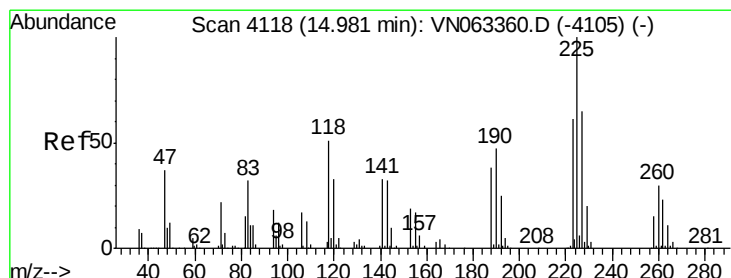
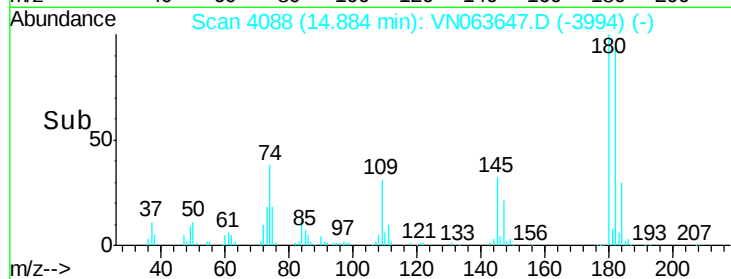
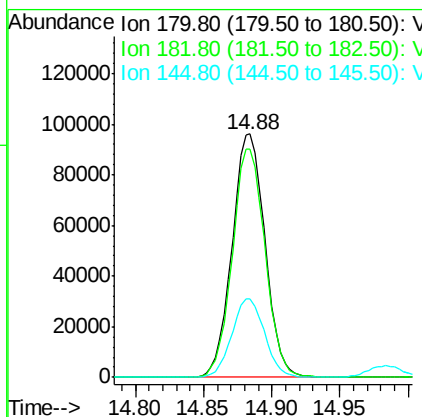
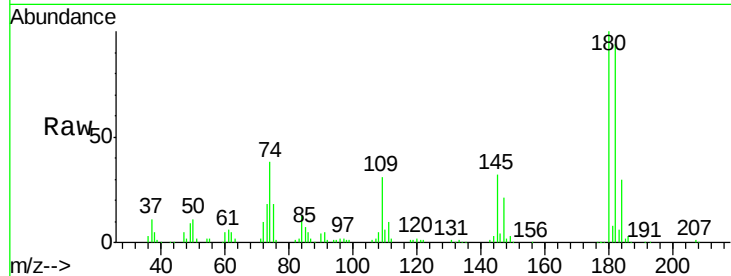
#93
1,2,4-Trichlorobenzene
Concen: 45.683 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	161012		
182	93.7	47.3	142.0	
145	32.1	16.6	49.7	

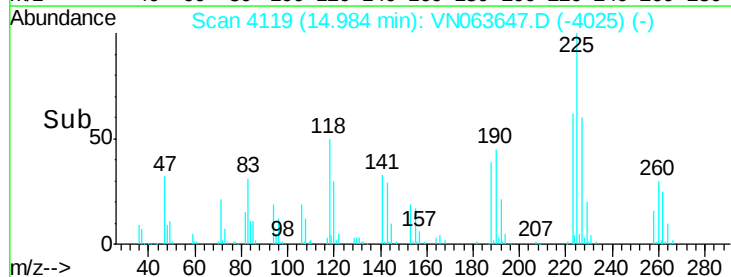
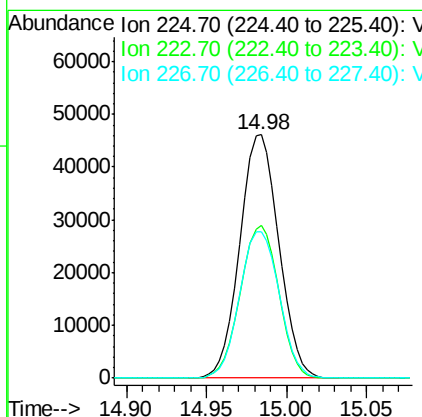
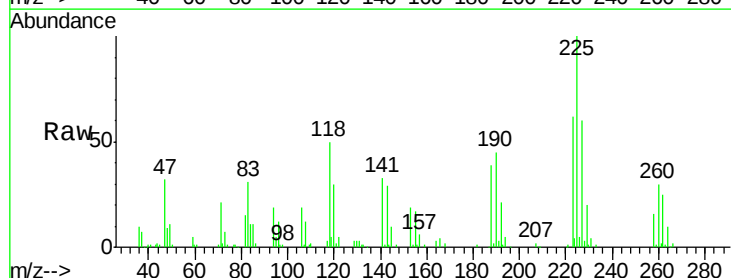
Manual Integrations
APPROVED

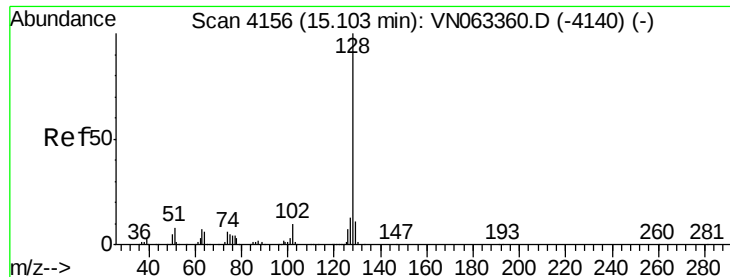
MMDadoda
9/28/2020 5:17:22 PM



#94
Hexachlorobutadiene
Concen: 52.551 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	76679		
223	61.7	30.6	91.6	
227	61.2	31.2	93.6	





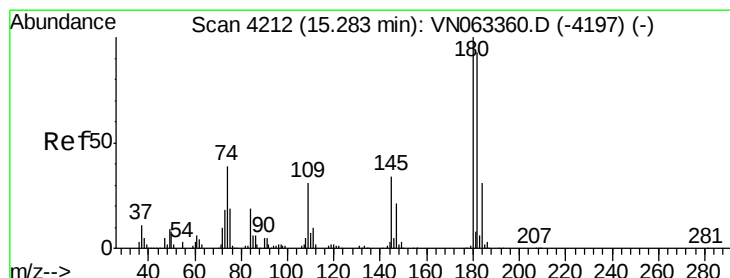
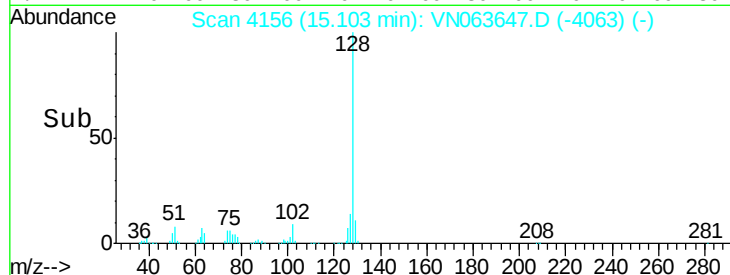
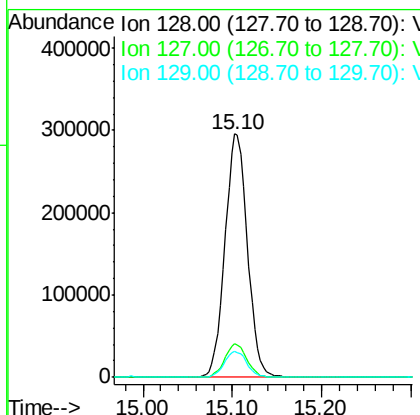
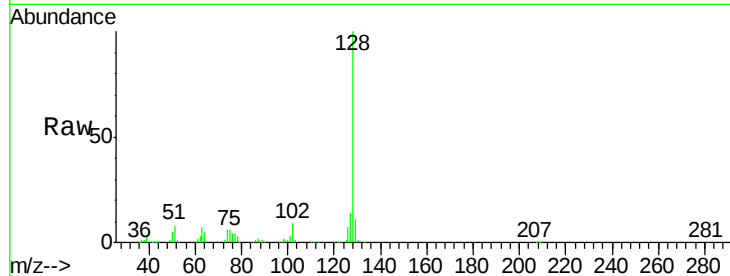
#95
Naphthalene
Concen: 44.240 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	515149
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:17:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.843 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion:	180	Resp:	156118
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.7	140.1
145	34.5	16.8	50.3

