

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063381.D
 Acq On : 16 Sep 2020 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:09:56 PM

Quant Time: Sep 17 04:49:40 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	282912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	224776	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	7.55	113	156437	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
50) Toluene-d8	10.06	98	606282	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.38	95	229950	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	153016	47.741	ug/l	98
3) Chloromethane	2.04	50	192695	45.446	ug/l	98
4) Vinyl Chloride	2.16	62	189510	50.447	ug/l	97
5) Bromomethane	2.53	94	113526	50.898	ug/l	99
6) Chloroethane	2.68	64	109083	47.305	ug/l	95
7) Trichlorofluoromethane	2.99	101	275984	49.241	ug/l	100
8) Diethyl Ether	3.38	74	107777	49.328	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	147384	46.758	ug/l	98
10) Methyl Iodide	3.91	142	205501	50.076	ug/l	100
11) Tert butyl alcohol	4.73	59	147853	221.611	ug/l	98
12) 1,1-Dichloroethene	3.70	96	156341	48.969	ug/l	97
13) Acrolein	3.57	56	84305	340.977	ug/l	99
14) Allyl chloride	4.28	41	306330	48.507	ug/l	99
15) Acrylonitrile	4.93	53	412058	242.806	ug/l	99
16) Acetone	3.77	43	363751	235.019	ug/l	99
17) Carbon Disulfide	4.01	76	438342	47.202	ug/l	99
18) Methyl Acetate	4.28	43	188501	47.975	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	570146	47.915	ug/l	99
20) Methylene Chloride	4.51	84	185239	47.238	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	167481	47.348	ug/l	96
22) Diisopropyl ether	5.90	45	626283	48.626	ug/l	99
23) Vinyl Acetate	5.84	43	2631908	248.821	ug/l	100
24) 1,1-Dichloroethane	5.80	63	339586	48.294	ug/l	99
25) 2-Butanone	6.78	43	566475	237.974	ug/l	99
26) 2,2-Dichloropropane	6.78	77	262226	42.356	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	194303	48.532	ug/l	99
28) Bromochloromethane	7.15	49	155355	47.850	ug/l	100
29) Tetrahydrofuran	7.16	42	379194	233.240	ug/l	99
30) Chloroform	7.33	83	343460	48.685	ug/l	98
31) Cyclohexane	7.61	56	300760	45.218	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	299757	47.772	ug/l	98
36) 1,1-Dichloropropene	7.75	75	251451	47.425	ug/l	99
37) Ethyl Acetate	6.88	43	251259	48.284	ug/l	98
38) Carbon Tetrachloride	7.73	117	259307	47.910	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	265517	46.141	ug/l	98
40) Benzene	8.00	78	731179	48.310	ug/l	98
41) Methacrylonitrile	7.14	41	124952m	53.388	ug/l	
42) 1,2-Dichloroethane	8.09	62	294744	48.425	ug/l	98
43) Isopropyl Acetate	8.13	43	434772	46.726	ug/l #	90
44) Trichloroethene	8.80	130	178750	48.692	ug/l	97
45) 1,2-Dichloropropane	9.08	63	202645	49.159	ug/l	99
46) Dibromomethane	9.17	93	133349	49.218	ug/l	99
47) Bromodichloromethane	9.37	83	279568	49.669	ug/l	99
48) Methyl methacrylate	9.16	41	214643	46.952	ug/l	97
49) 1,4-Dioxane	9.17	88	58784	896.045	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1266517	243.134	ug/l	100
52) Toluene	10.13	92	461592	50.725	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	305240	48.576	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	320412	48.342	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	177542	49.119	ug/l	96
56) Ethyl methacrylate	10.40	69	281156	49.827	ug/l	99
57) 1,3-Dichloropropane	10.68	76	317851	48.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	698669	236.033	ug/l	99
59) 2-Hexanone	10.72	43	916288	242.797	ug/l	99
60) Dibromochloromethane	10.87	129	201206	49.274	ug/l	100
61) 1,2-Dibromoethane	10.98	107	188810	50.279	ug/l	100
64) Tetrachloroethene	10.60	164	153091	49.012	ug/l	96
65) Chlorobenzene	11.41	112	476517	48.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	178955	50.137	ug/l	99
67) Ethyl Benzene	11.48	91	915924	49.949	ug/l	99
68) m/p-Xylenes	11.59	106	653404	98.830	ug/l	99
69) o-Xylene	11.92	106	320092	50.824	ug/l	99
70) Styrene	11.94	104	550099	52.084	ug/l	99
71) Bromoform	12.10	173	135613	51.001	ug/l #	99
73) Isopropylbenzene	12.23	105	863732	49.428	ug/l	100
74) N-amyl acetate	12.05	43	410450	49.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	260258	48.101	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	240752m	44.605	ug/l	
77) Bromobenzene	12.50	156	199089	50.649	ug/l	96
78) n-propylbenzene	12.57	91	1016176	49.928	ug/l	100
79) 2-Chlorotoluene	12.65	91	605774	49.652	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	734569	50.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	90518	45.979	ug/l	99
82) 4-Chlorotoluene	12.75	91	633535	49.146	ug/l	99
83) tert-Butylbenzene	12.97	119	594149	49.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	730964	49.663	ug/l	99
85) sec-Butylbenzene	13.15	105	794043	49.325	ug/l	100
86) p-Isopropyltoluene	13.26	119	706241	49.739	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	357674	49.094	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	359733	48.565	ug/l	99
89) n-Butylbenzene	13.59	91	640405	48.932	ug/l	99
90) Hexachloroethane	13.85	117	131655	48.695	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	355039	49.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59809	46.420	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	201918	47.884	ug/l	100
94) Hexachlorobutadiene	14.98	225	80631	46.188	ug/l	96
95) Naphthalene	15.10	128	660034	47.377	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	188650	46.302	ug/l	97

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

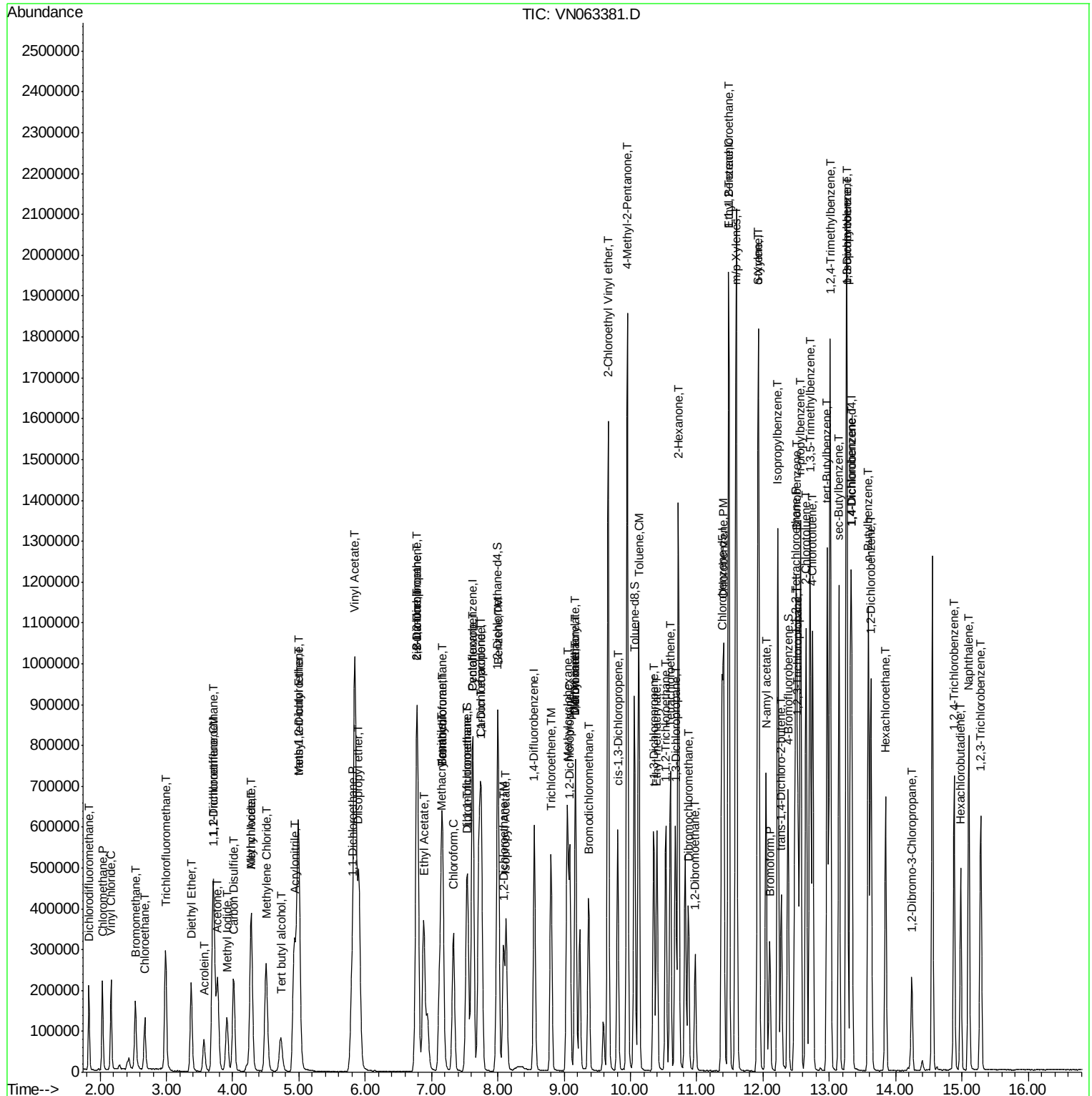
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 Data File : VN063381.D
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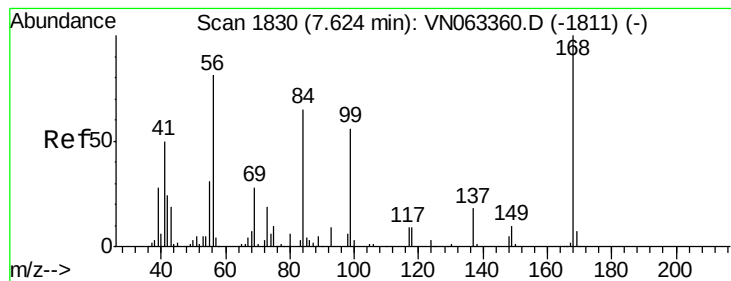
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 282912

Ion Ratio Lower Upper

168 100

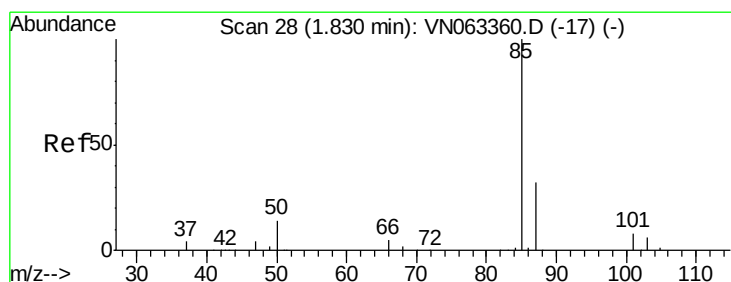
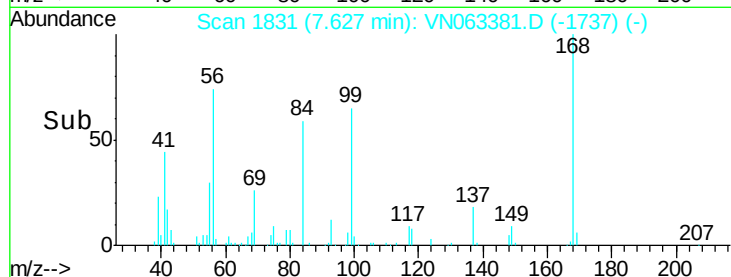
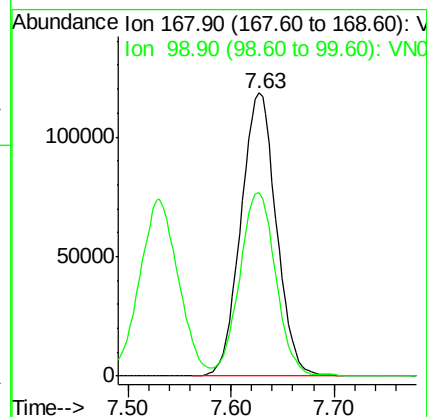
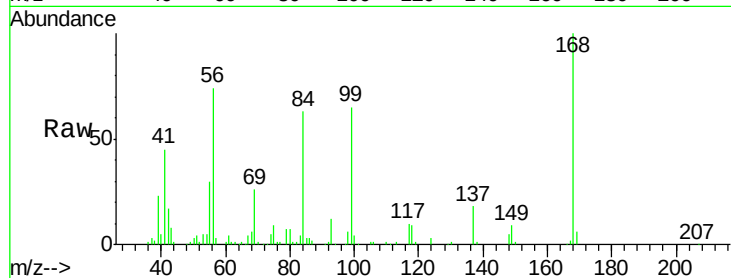
99 64.6 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.741 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063381.D

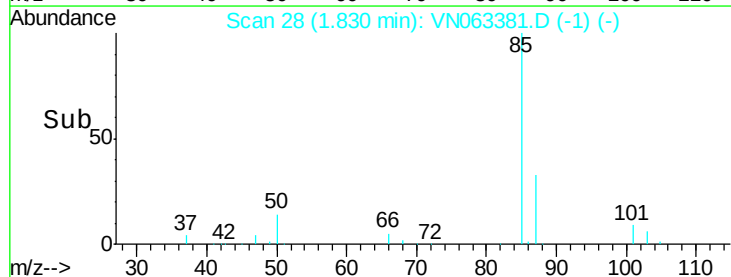
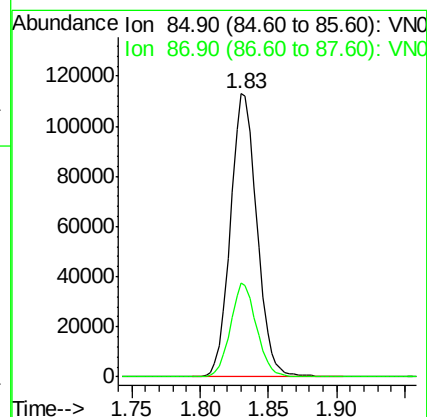
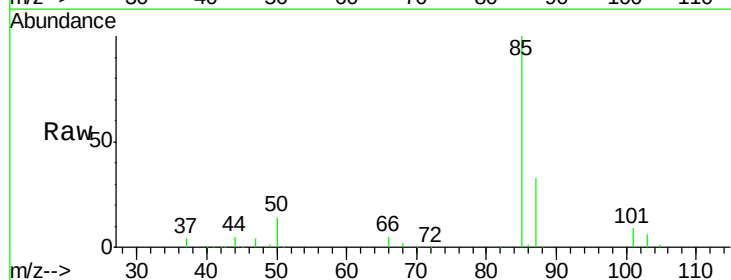
Acq: 16 Sep 2020 22:17

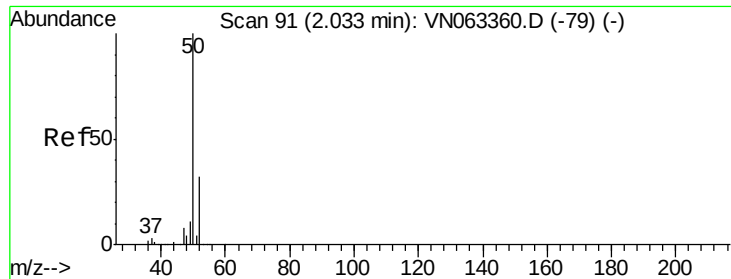
Tgt Ion: 85 Resp: 153016

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.6





#3

Chloromethane

Concen: 45.446 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 192695

Ion Ratio Lower Upper

50 100

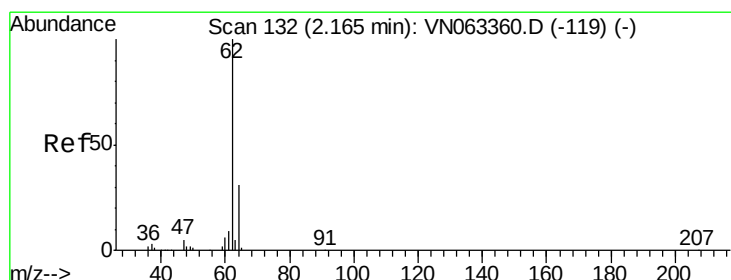
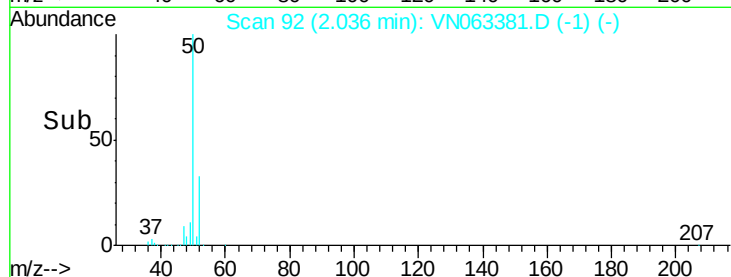
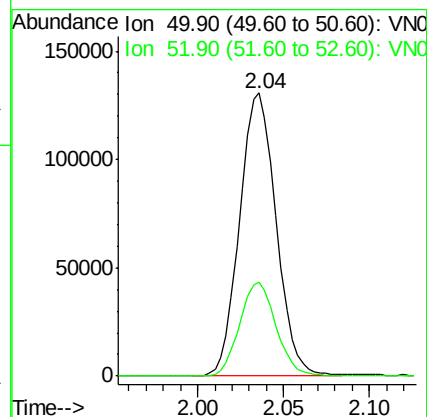
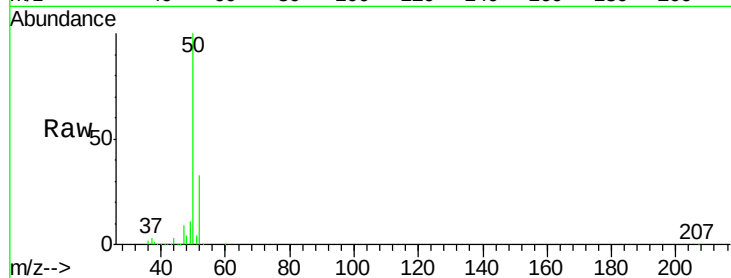
52 33.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.447 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063381.D

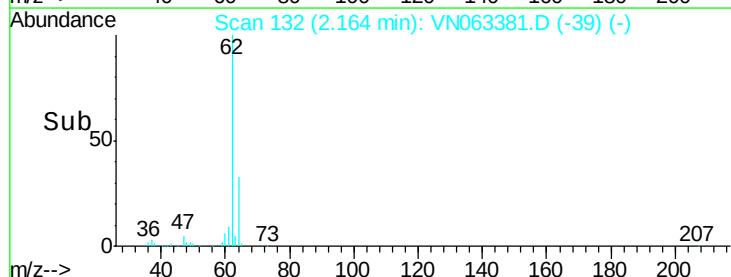
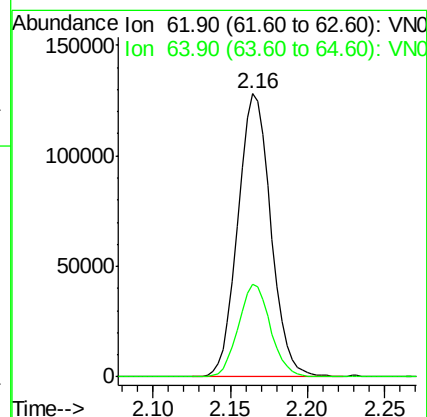
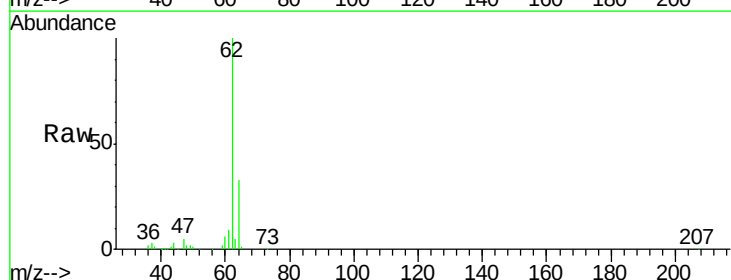
Acq: 16 Sep 2020 22:17

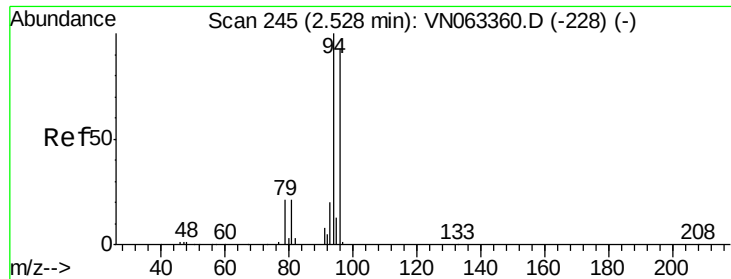
Tgt Ion: 62 Resp: 189510

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 50.898 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 113526

Ion Ratio Lower Upper

94 100

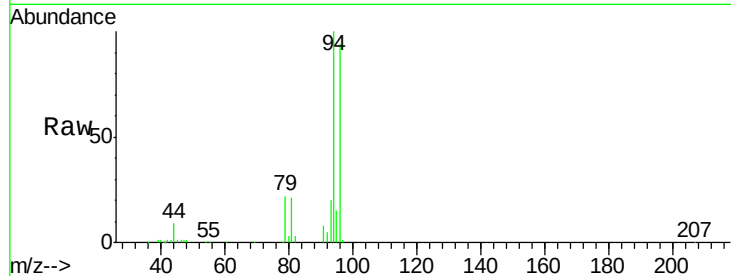
96 93.8 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

60000

50000

40000

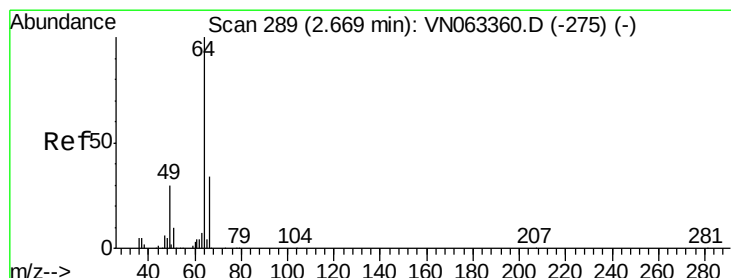
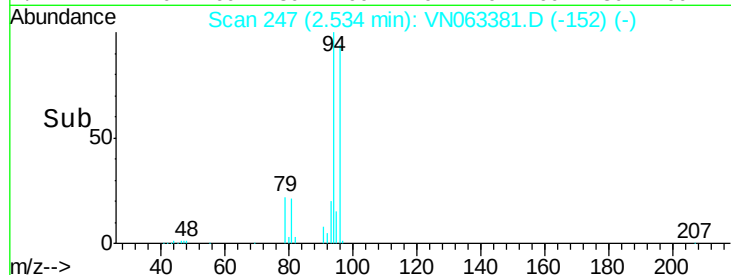
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 47.305 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063381.D

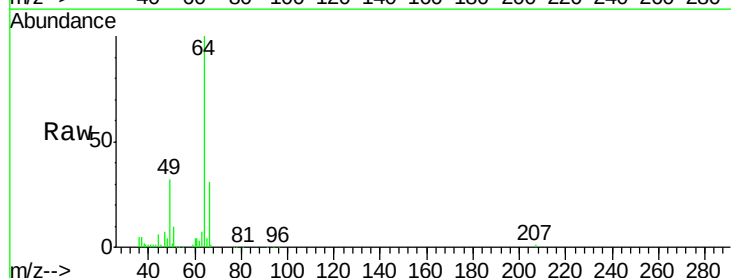
Acq: 16 Sep 2020 22:17

Tgt Ion: 64 Resp: 109083

Ion Ratio Lower Upper

64 100

66 30.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

60000

50000

40000

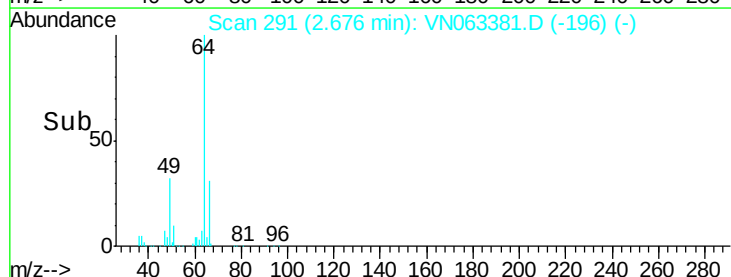
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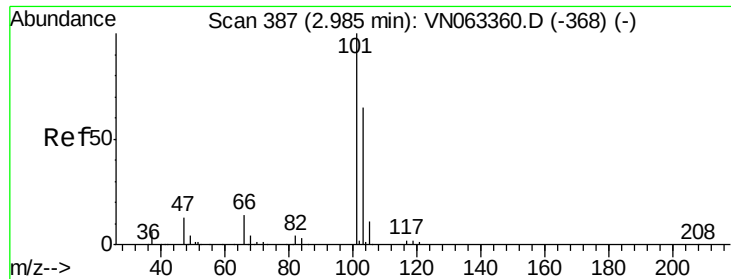
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Time-->





#7

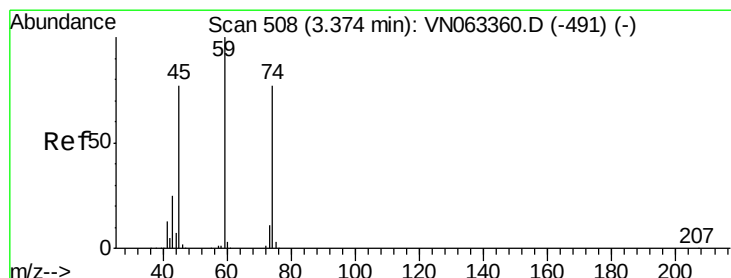
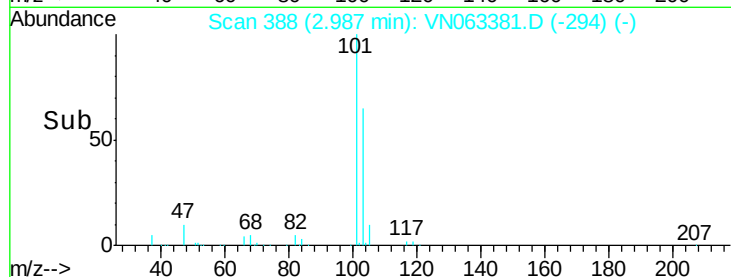
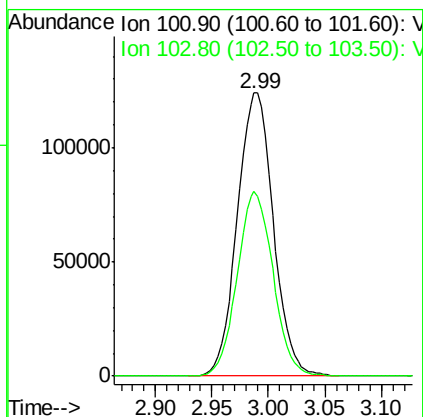
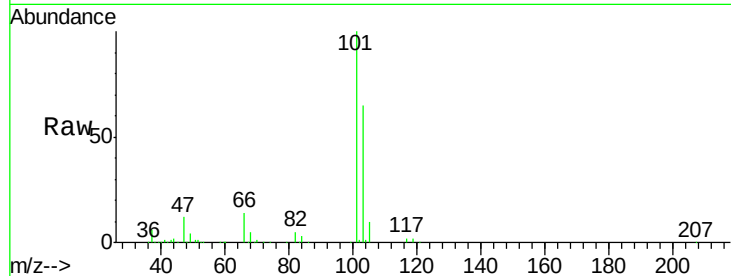
Trichlorofluoromethane
 Concen: 49.241 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

Manual Integrations
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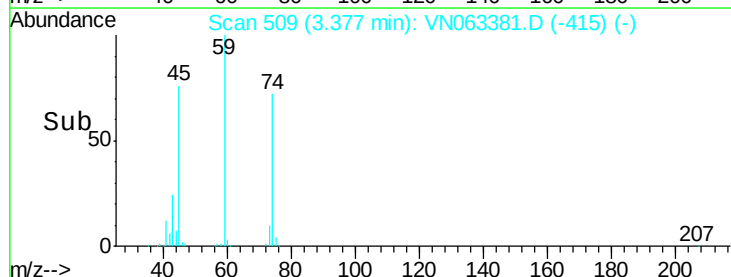
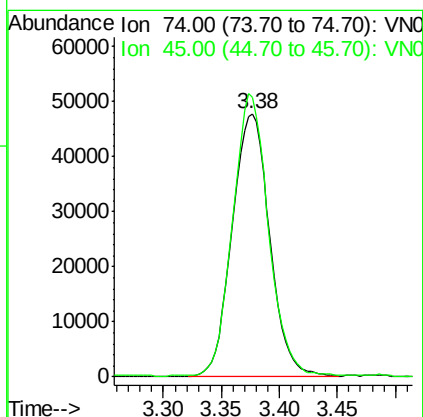
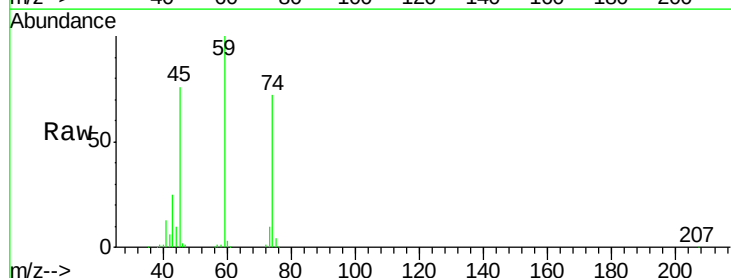
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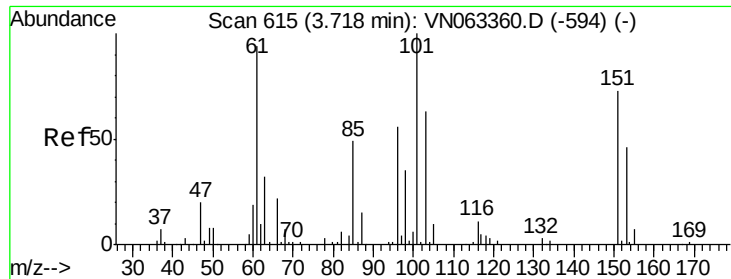


#8

Diethyl Ether
 Concen: 49.328 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063381.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	52.1	156.4





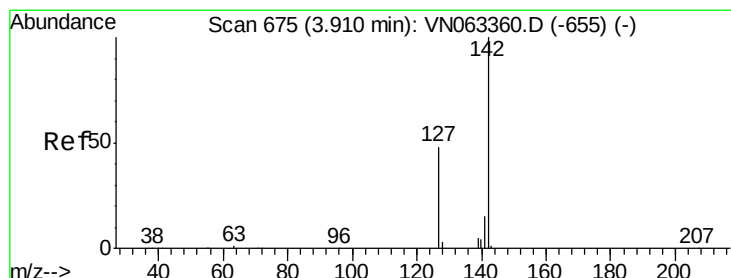
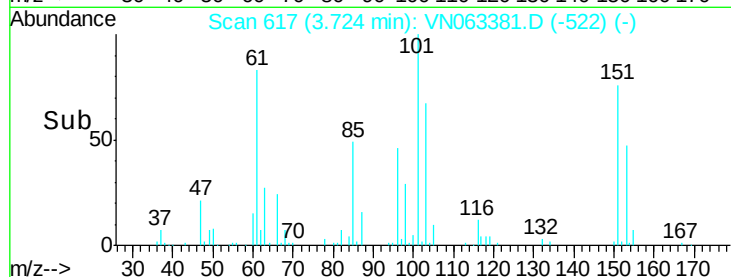
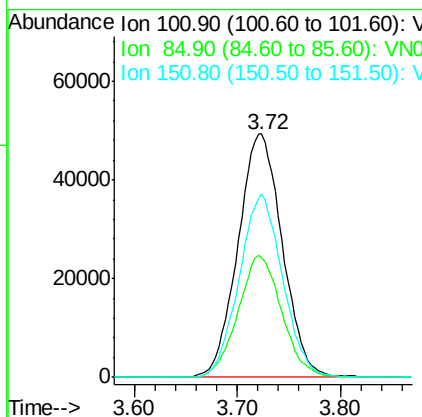
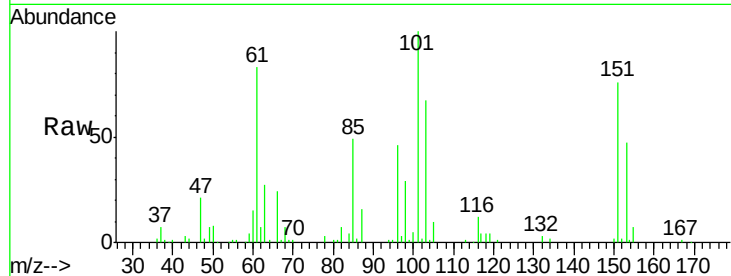
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.758 ug/l
RT: 3.72 min Scan# 617
Delta R.T. 0.01 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	147384		
85	49.1	37.7	56.5	
151	73.6	57.7	86.5	

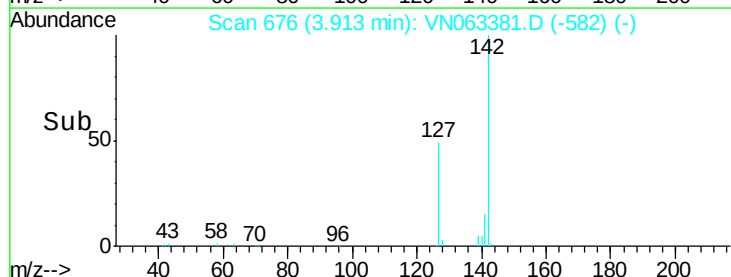
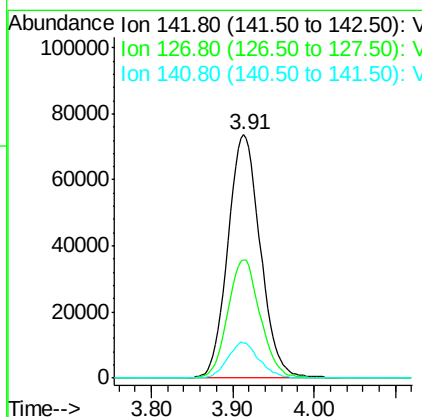
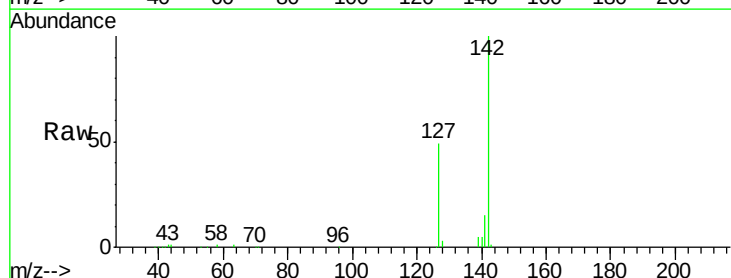
Manual Integrations
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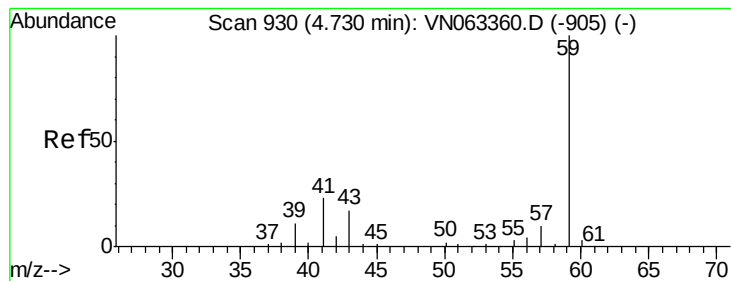
MMDadoda
9/17/2020 1:09:56 PM



#10
Methyl Iodide
Concen: 50.076 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	205501		
127	48.5	39.0	58.6	
141	14.3	11.6	17.4	





#11

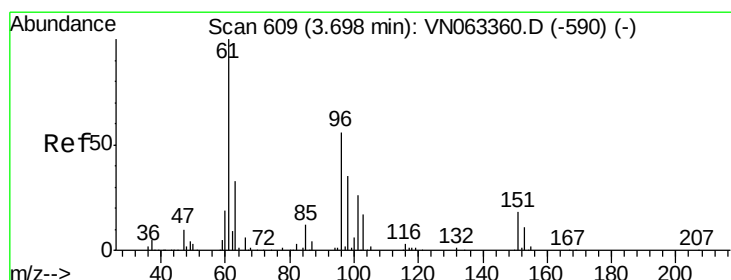
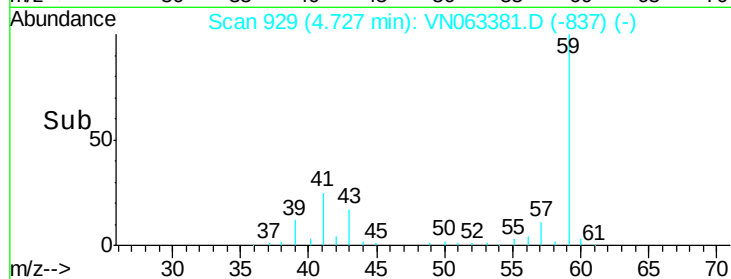
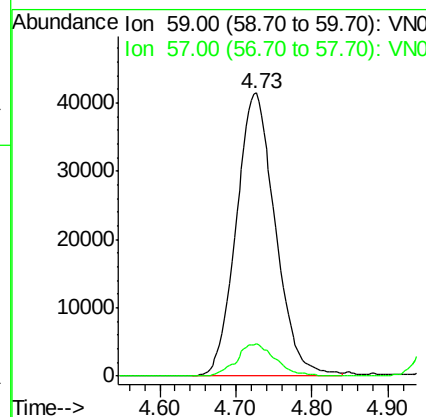
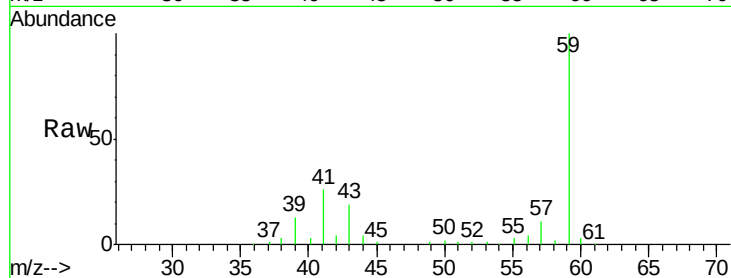
Tert butyl alcohol
 Concen: 221.611 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	57	Ratio	100	11.2	Resp	147853	Lower	8.4	Upper	12.6
Ion	59	57	Ratio	100	11.2	Resp	147853	Lower	8.4	Upper	12.6

Manual Integrations
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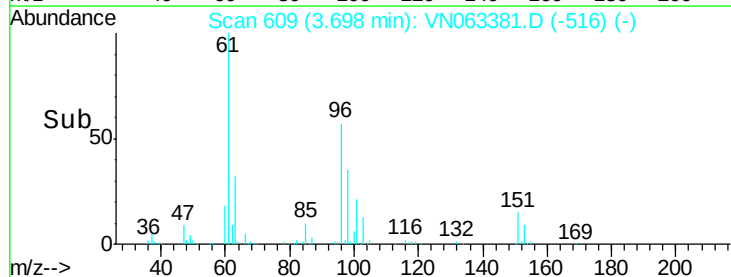
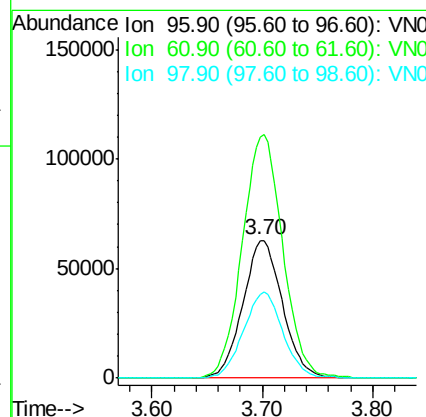
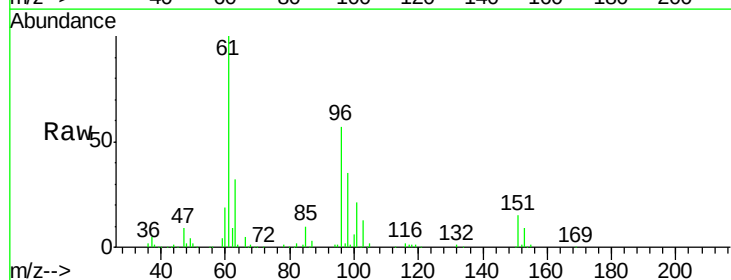
MMDadoda
 9/17/2020 1:09:56 PM

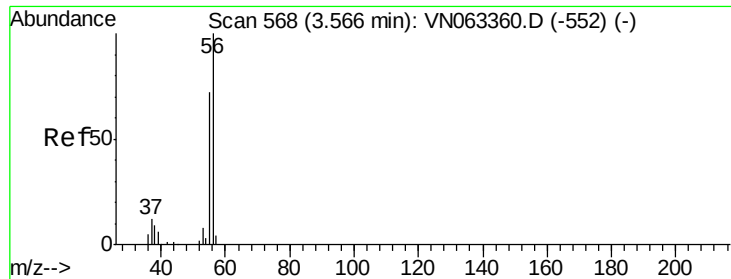


#12

1,1-Dichloroethene
 Concen: 48.969 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion	96	61	98	Ratio	100	174.8	60.6	Resp	156341	Lower	143.4	50.6	Upper	215.2	76.0
Ion	96	61	98	Ratio	100	174.8	60.6	Resp	156341	Lower	143.4	50.6	Upper	215.2	76.0





#13

Acrolein

Concen: 340.977 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 84305

Ion Ratio Lower Upper

56 100

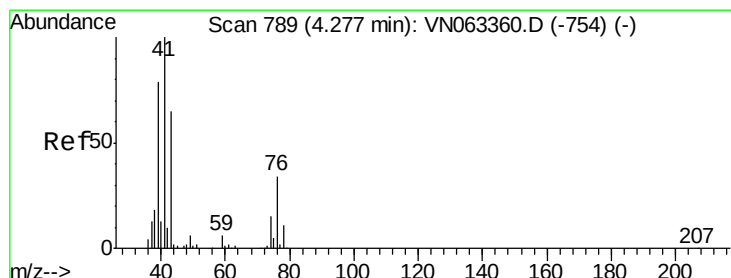
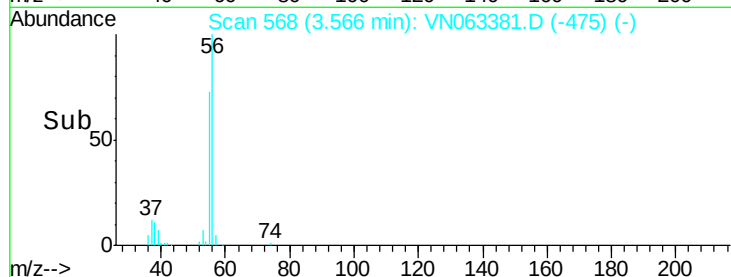
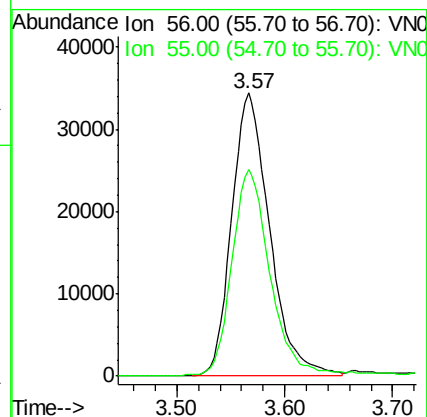
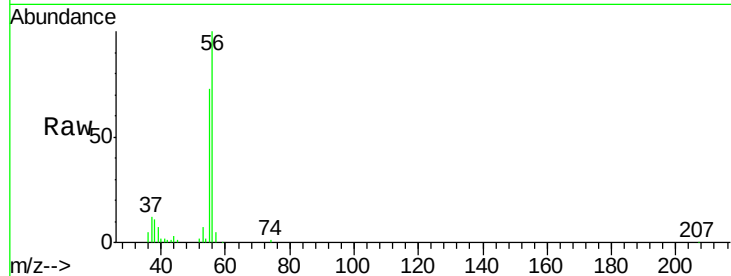
55 73.8 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 48.507 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

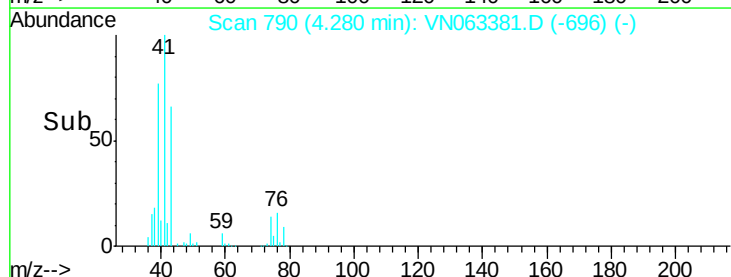
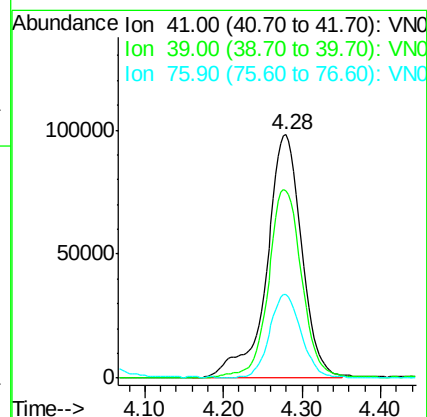
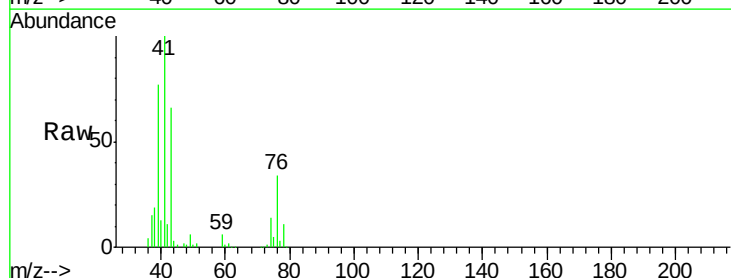
Tgt Ion: 41 Resp: 306330

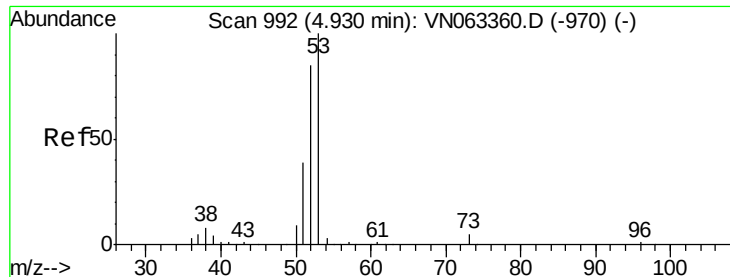
Ion Ratio Lower Upper

41 100

39 73.0 59.3 88.9

76 30.7 25.3 37.9





#15

Acrylonitrile

Concen: 242.806 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

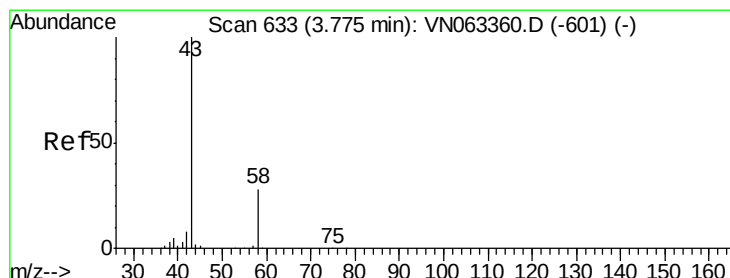
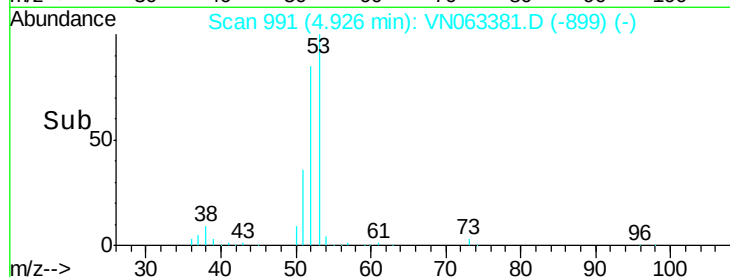
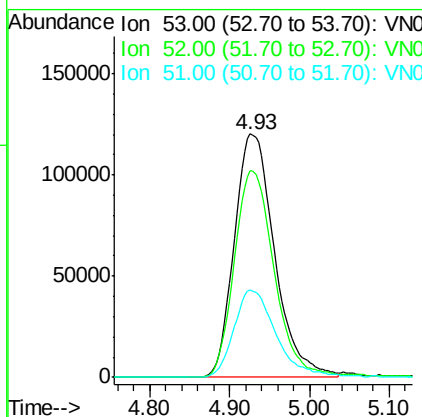
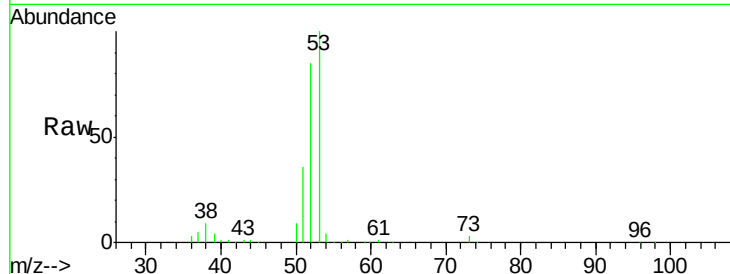
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	412058
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.4	99.6
51	37.7	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 235.019 ug/l

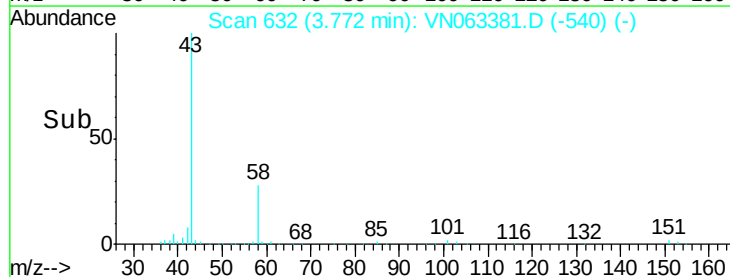
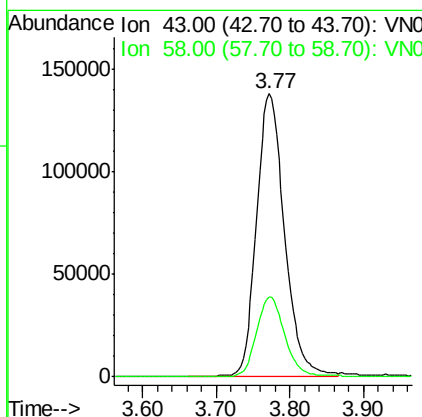
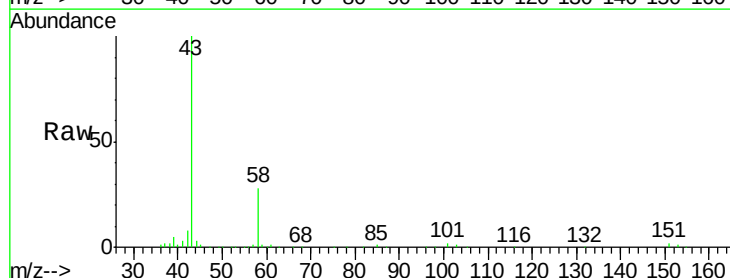
RT: 3.77 min Scan# 632

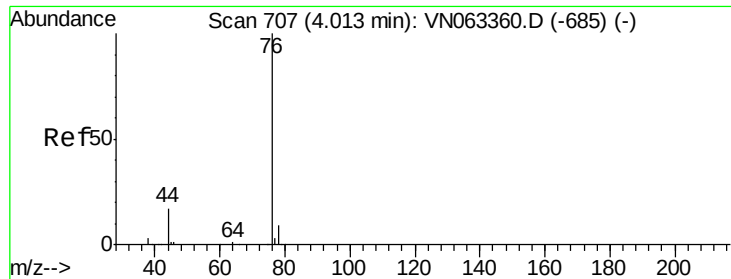
Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Tgt Ion:	43	Resp:	363751
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.3	33.5





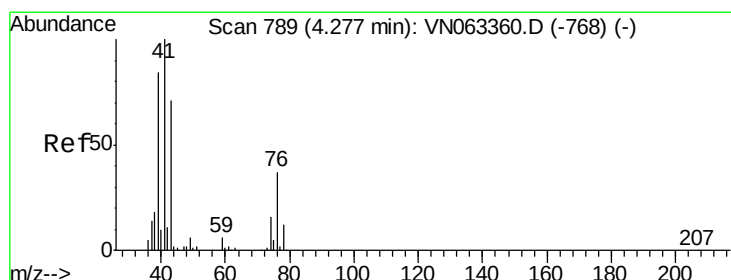
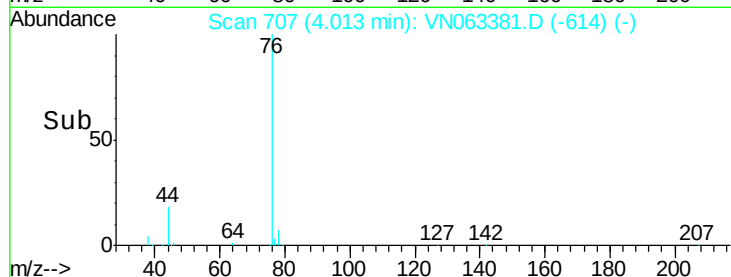
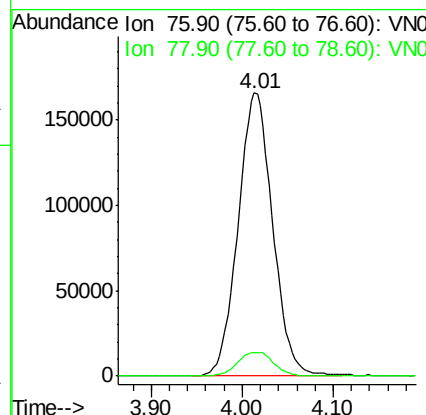
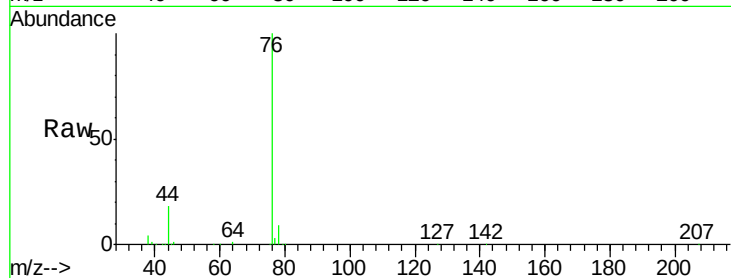
#17
Carbon Disulfide
Concen: 47.202 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 438342
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

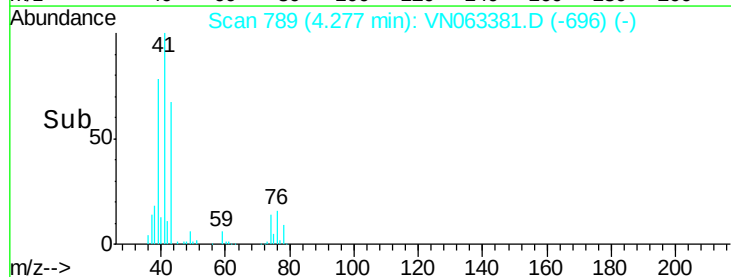
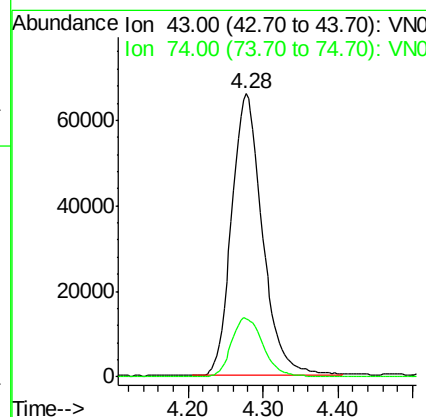
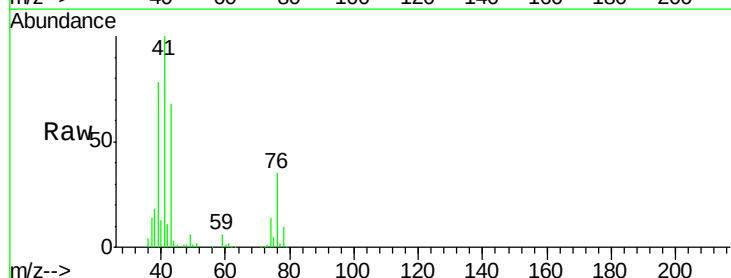
Manual Integrations
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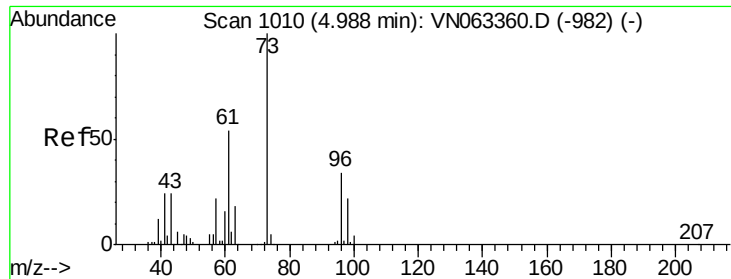
MMDadoda
9/17/2020 1:09:56 PM



#18
Methyl Acetate
Concen: 47.975 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 43 Resp: 188501
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.2





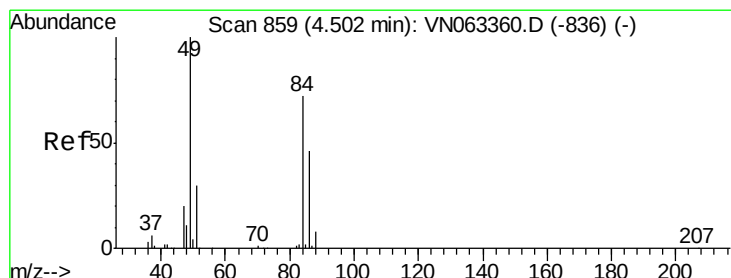
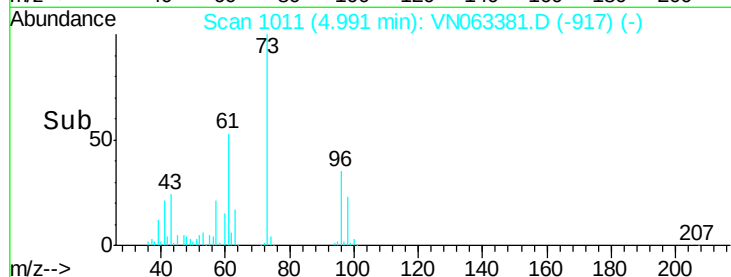
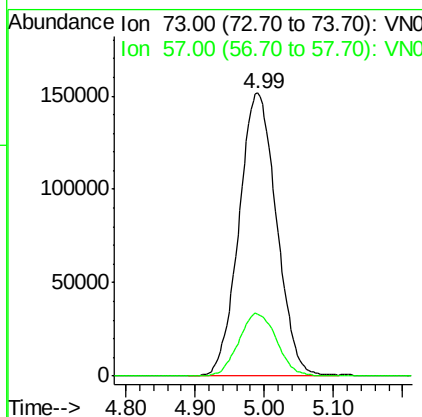
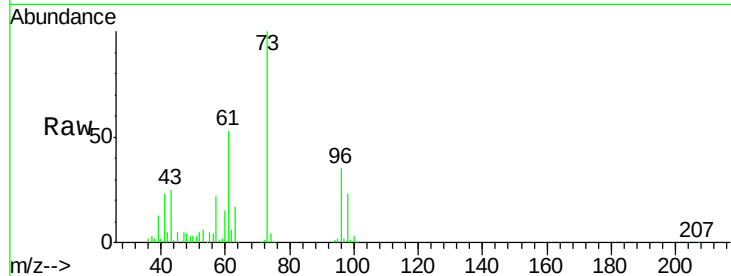
#19
Methvl tert-butvl Ether
Concen: 47.915 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 570146
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

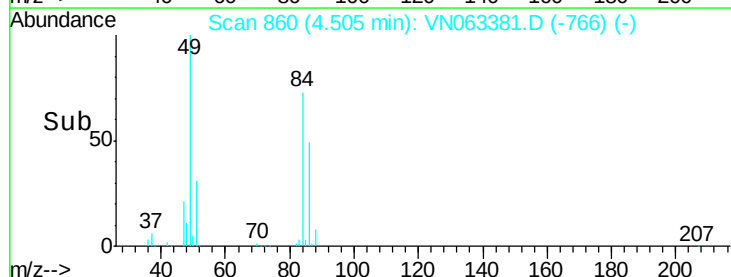
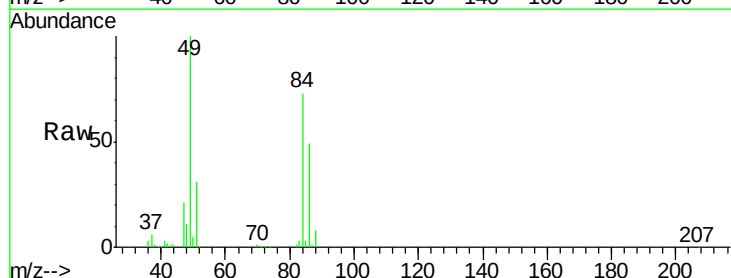
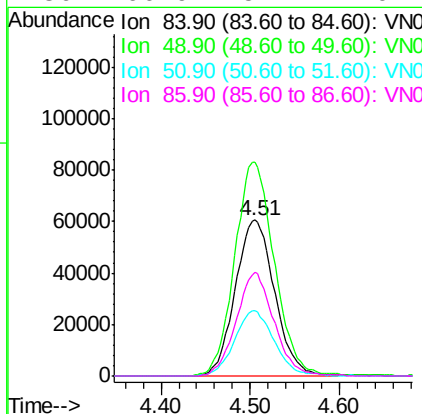
Manual Integrations
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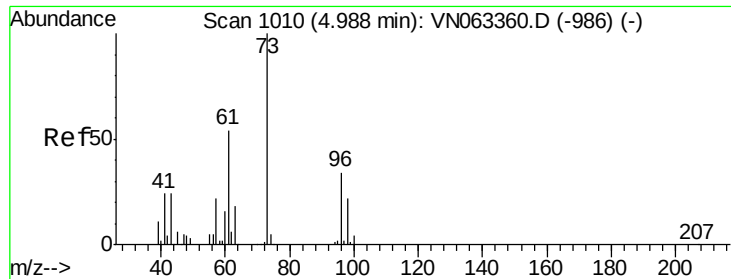
MMDadoda
9/17/2020 1:09:56 PM



#20
Methylene Chloride
Concen: 47.238 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 84 Resp: 185239
Ion Ratio Lower Upper
84 100
49 137.0 110.7 166.1
51 42.3 32.9 49.3
86 66.9 51.1 76.7





#21

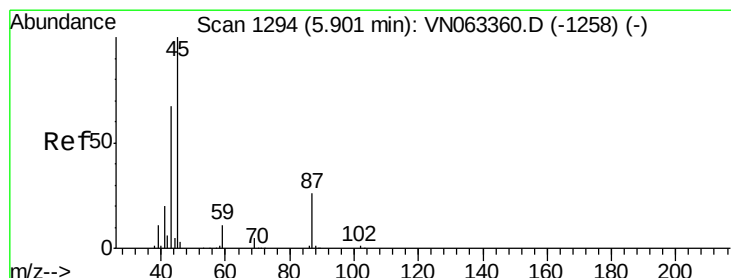
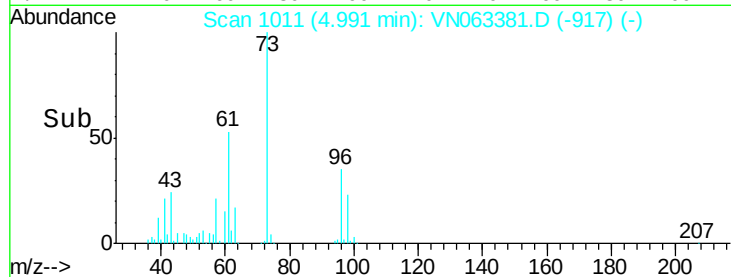
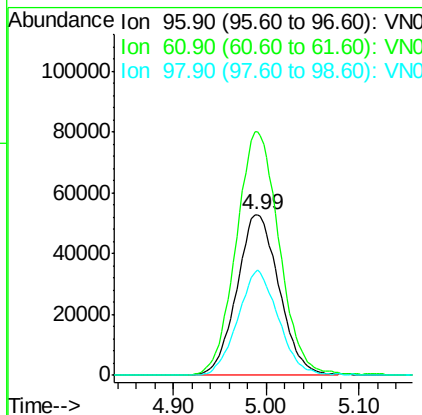
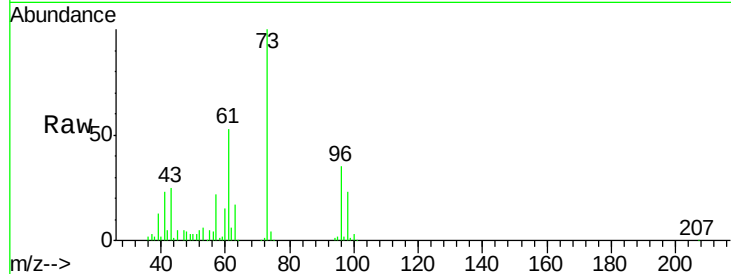
trans-1,2-Dichloroethene
Concen: 47.348 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.4	126.2	189.4
98	65.3	51.0	76.4

Manual Integrations
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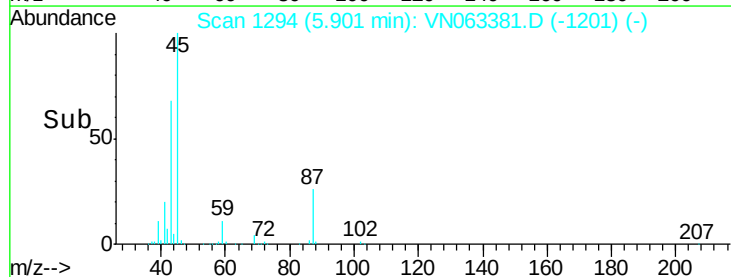
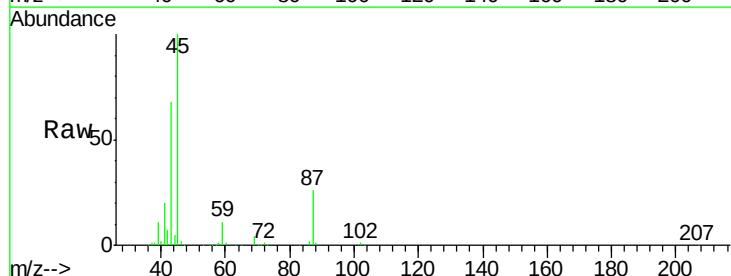
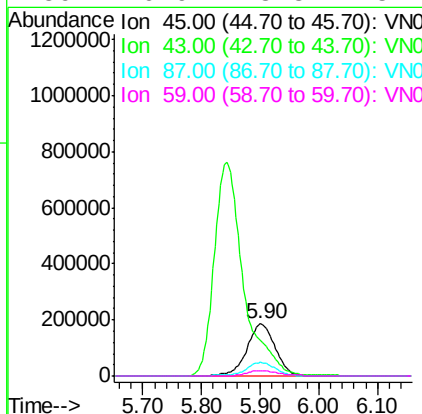
MMDadoda
9/17/2020 1:09:56 PM

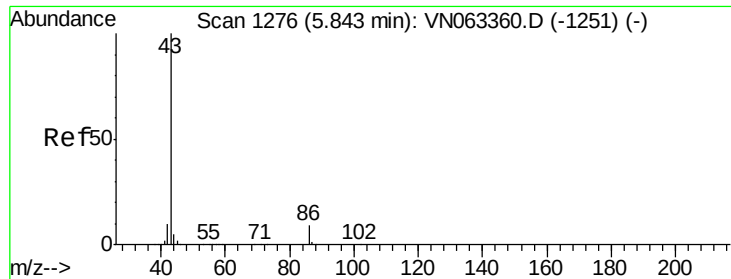


#22

Diisopropyl ether
Concen: 48.626 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.6	53.5	80.3
87	26.0	21.2	31.8
59	10.9	8.8	13.2





#23

Vinyl Acetate

Concen: 248.821 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2631908

Ion Ratio Lower Upper

43 100

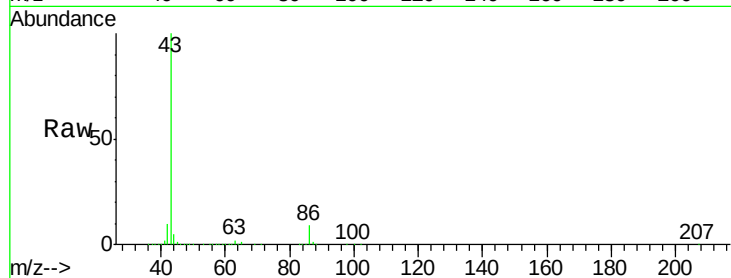
86 9.0 7.1 10.7

Manual Integrations

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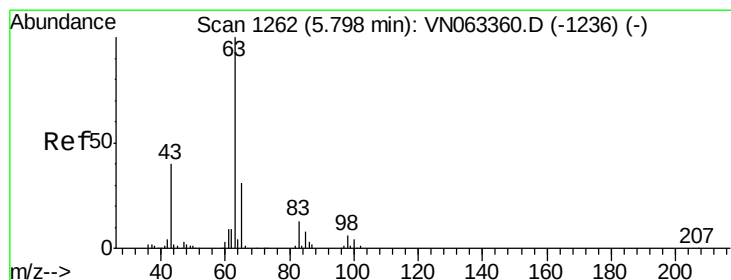
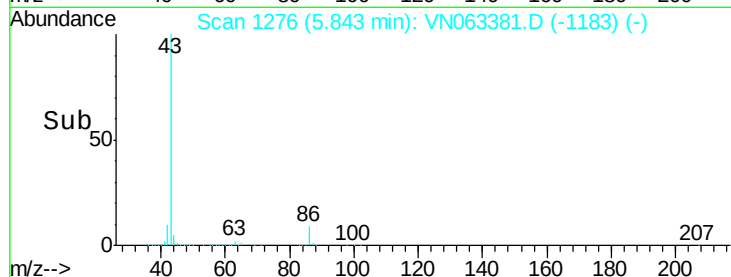
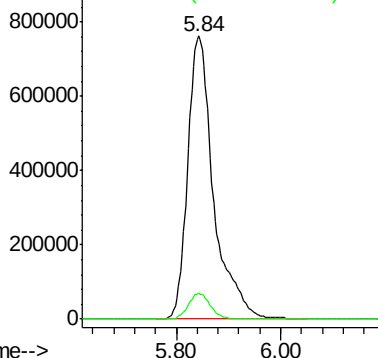
MMDadoda

9/17/2020 1:09:56 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.294 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

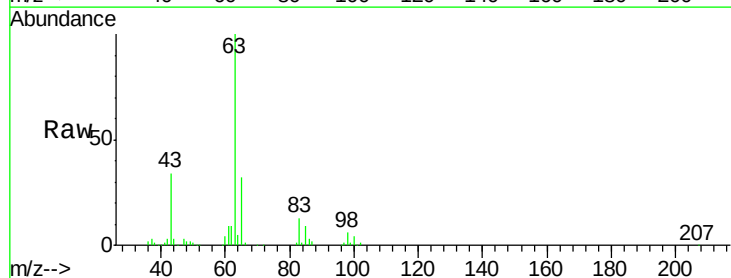
Tgt Ion: 63 Resp: 339586

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

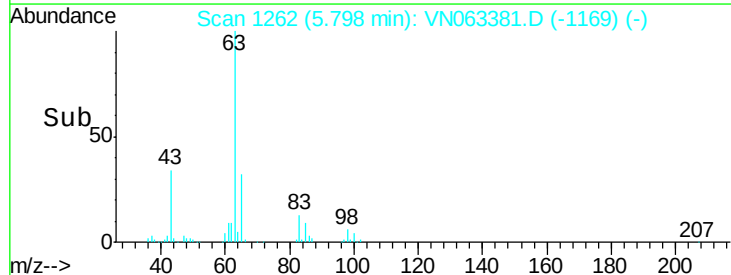
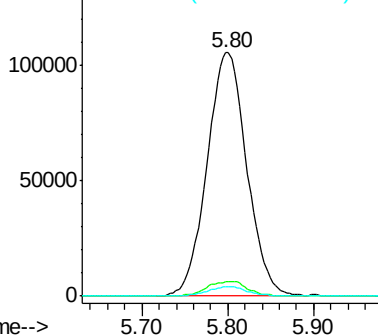
100 3.8 2.1 6.3

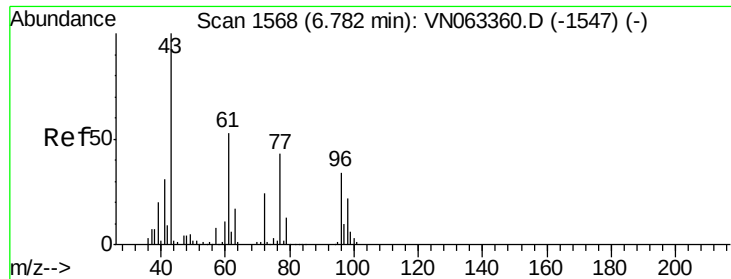


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 237.974 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 566475

Ion Ratio Lower Upper

43 100

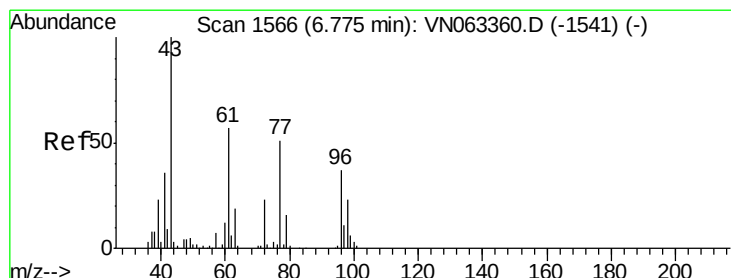
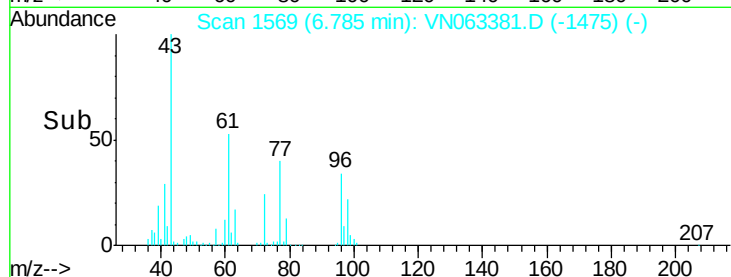
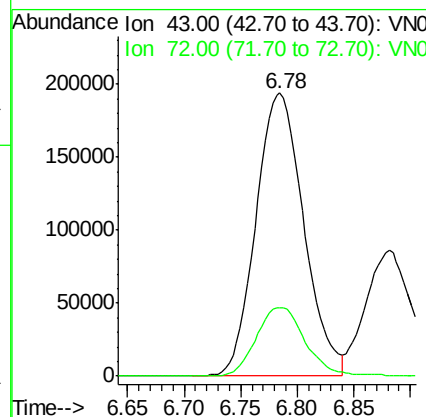
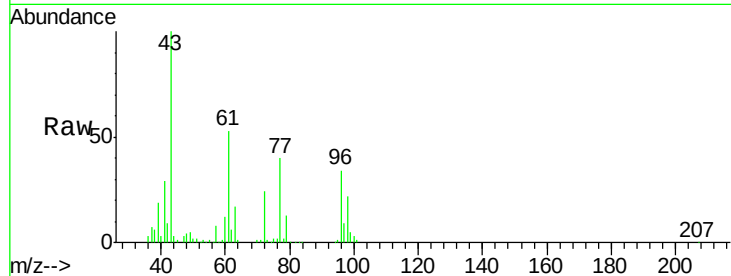
72 24.3 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

9/17/2020 1:09:56 PM



#26

2,2-Dichloropropane

Concen: 42.356 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063381.D

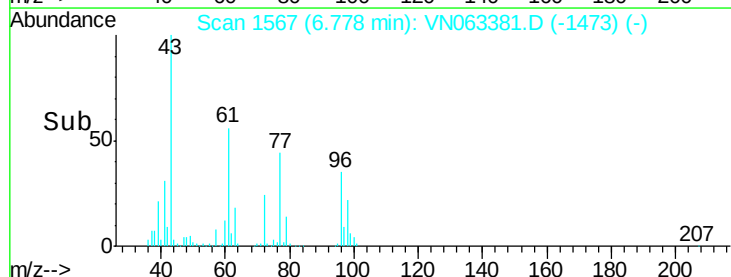
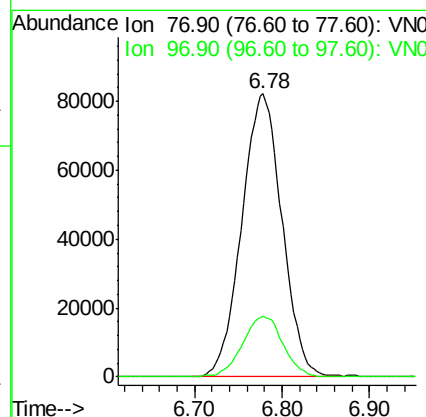
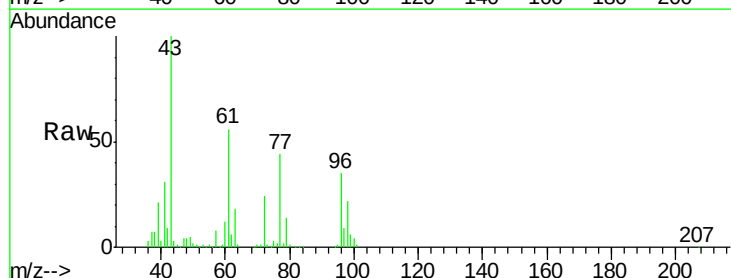
Acq: 16 Sep 2020 22:17

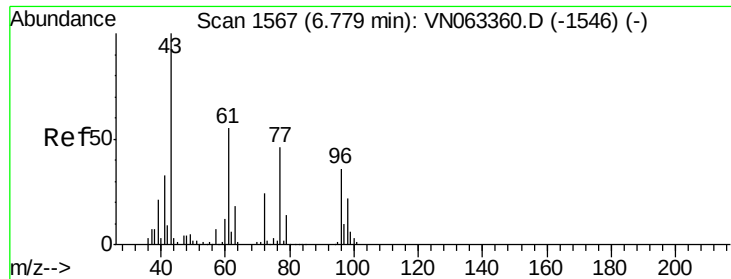
Tgt Ion: 77 Resp: 262226

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 48.532 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

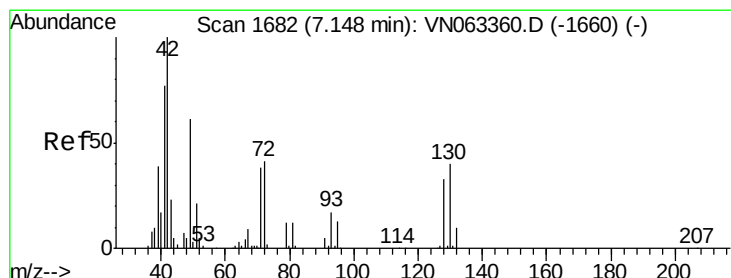
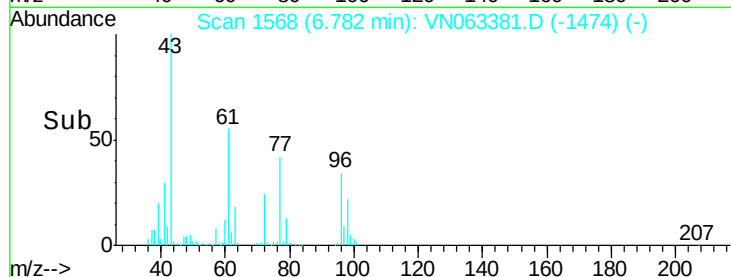
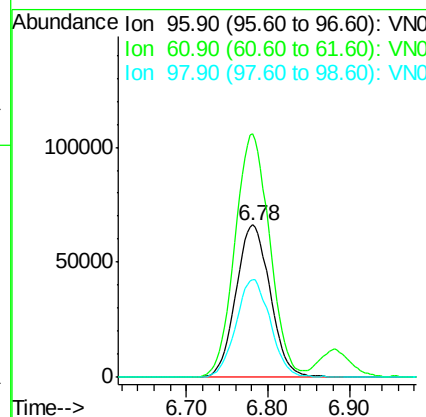
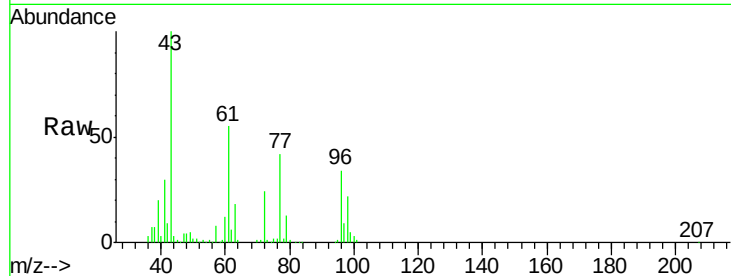
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	194303
Ion	Ratio	Lower	Upper
96	100		
61	161.5	0.0	319.6
98	64.2	0.0	127.8

Manual Integrations
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#28

Bromochloromethane

Concen: 47.850 ug/l

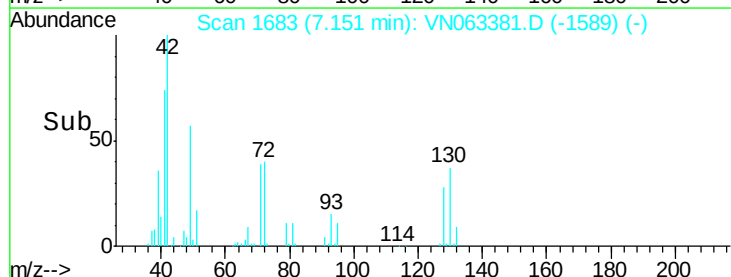
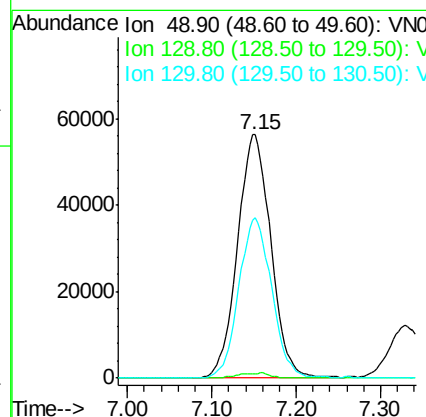
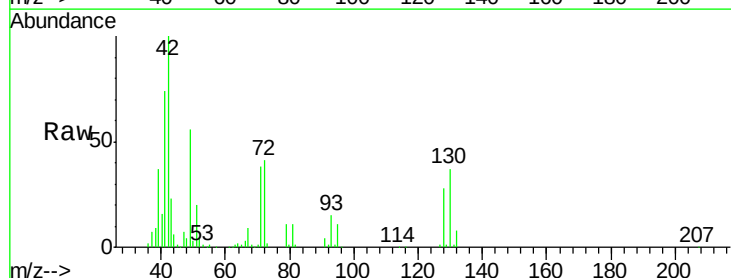
RT: 7.15 min Scan# 1683

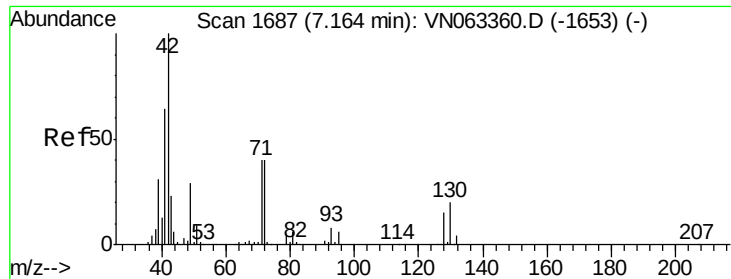
Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Tgt Ion:	49	Resp:	155355
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	64.9	52.2	78.2





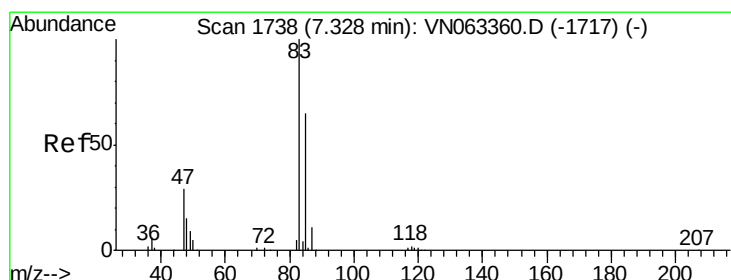
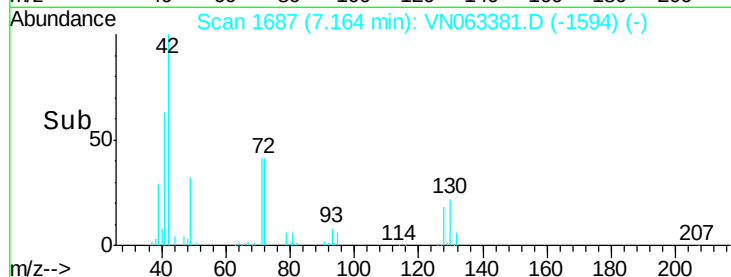
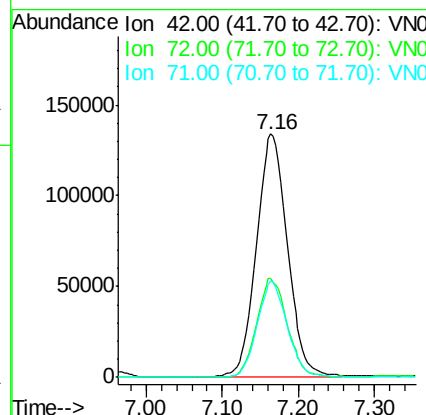
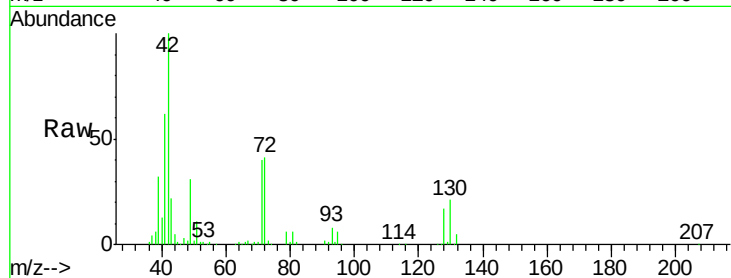
#29
Tetrahydrofuran
Concen: 233.240 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.1	48.1
71	38.1	31.2	46.8

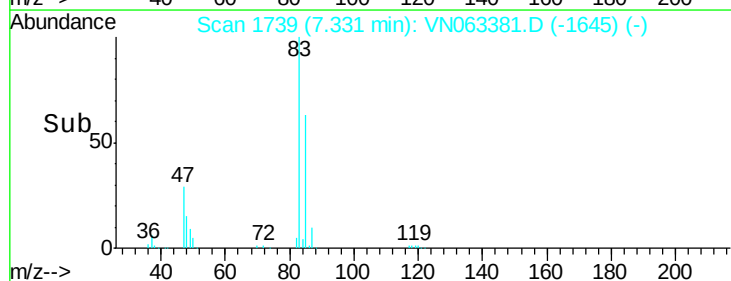
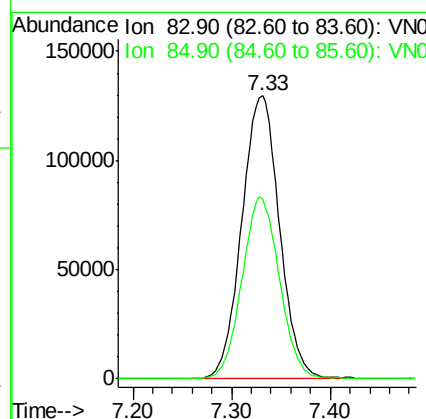
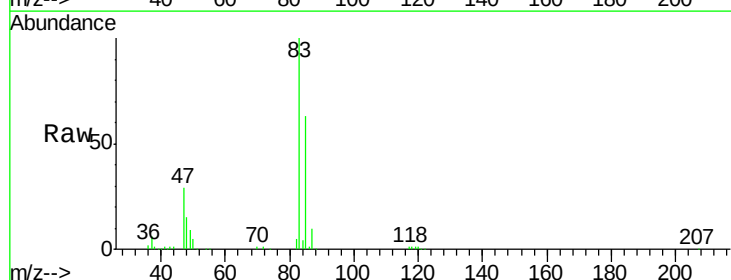
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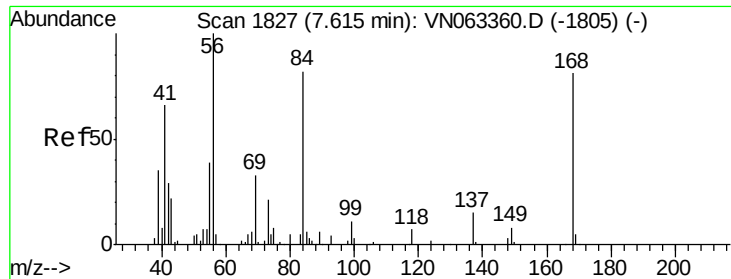
MMDadoda
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#30
Chloroform
Concen: 48.685 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.1	78.1





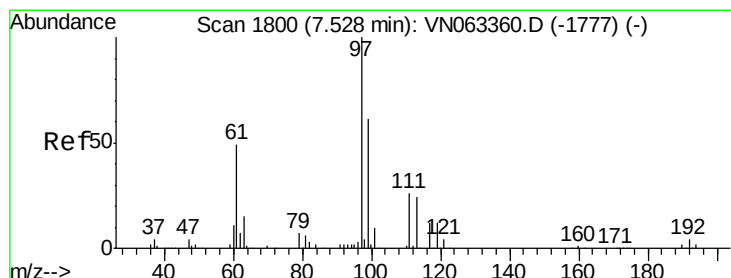
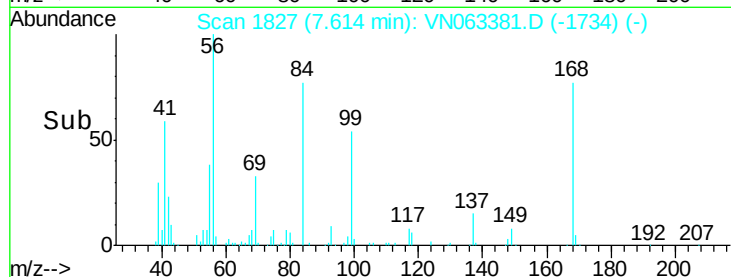
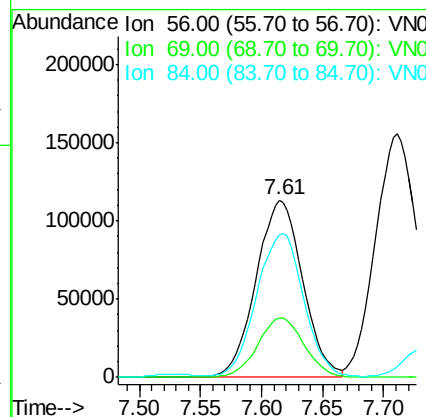
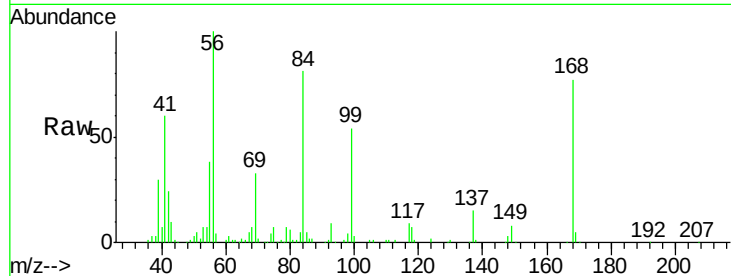
#31
Cyclohexane
Concen: 45.218 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.1	39.1
84	79.5	65.4	98.2

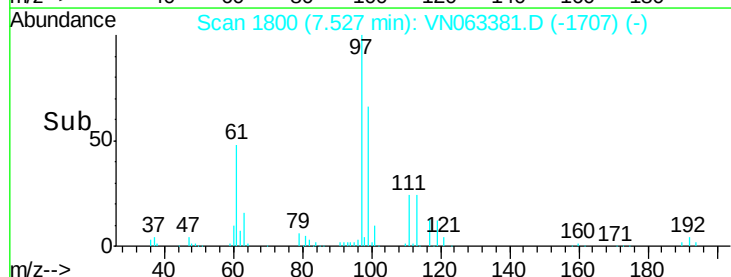
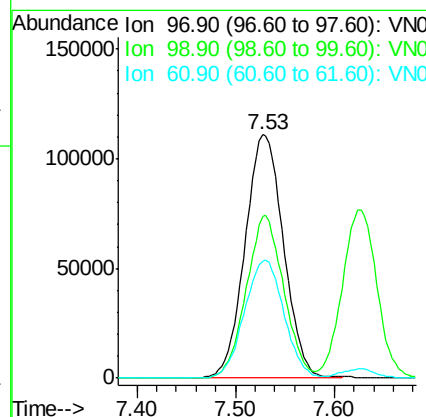
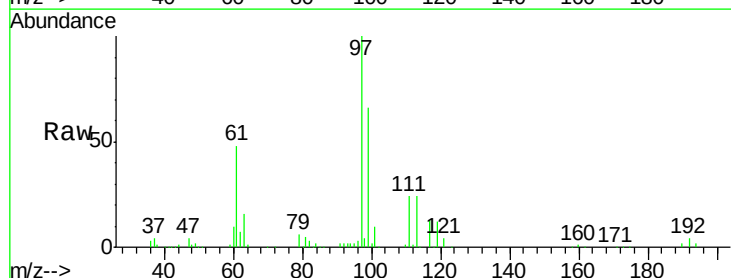
Manual Integrations
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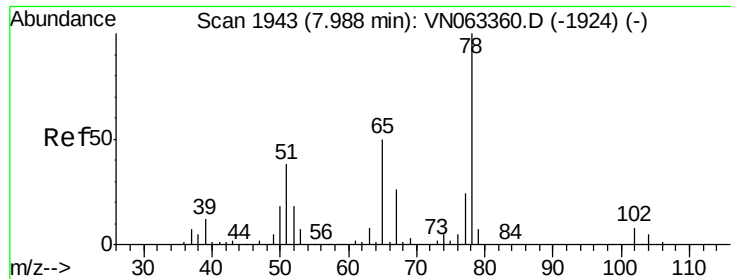
MMDadoda
9/17/2020 1:09:56 PM



#32
1,1,1-Trichloroethane
Concen: 47.772 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.6	76.0
61	49.6	39.2	58.8





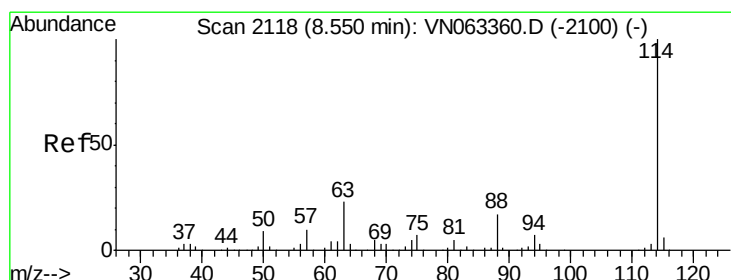
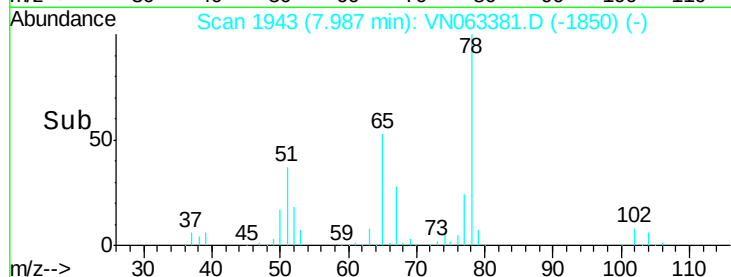
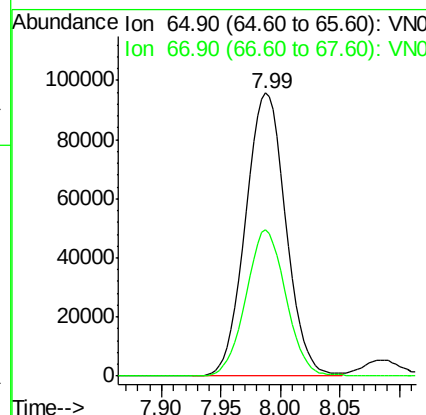
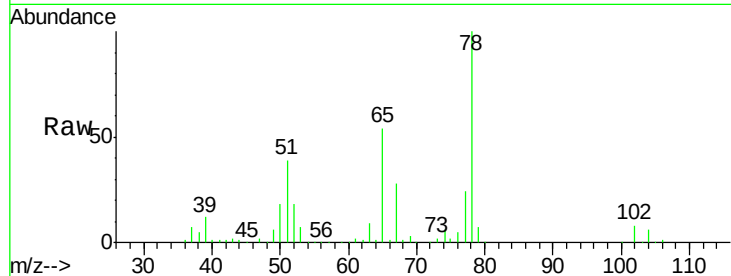
#33
 1,2-Dichloroethane-d4
 Concen: 46.674 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	224776		
67	51.3	0.0	104.2	

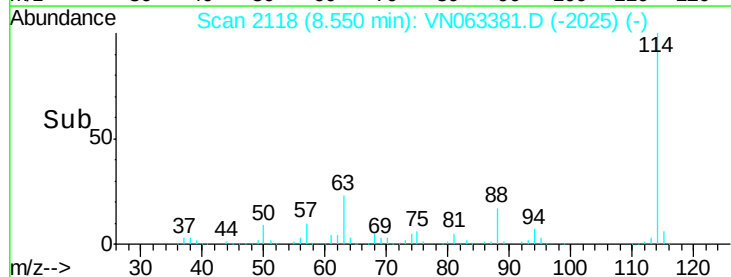
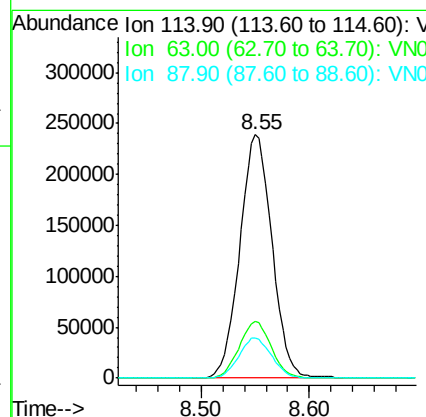
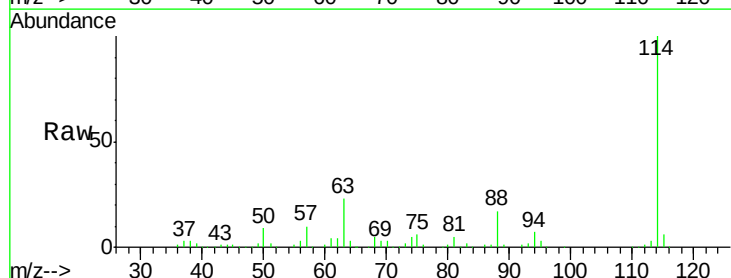
Manual Integrations
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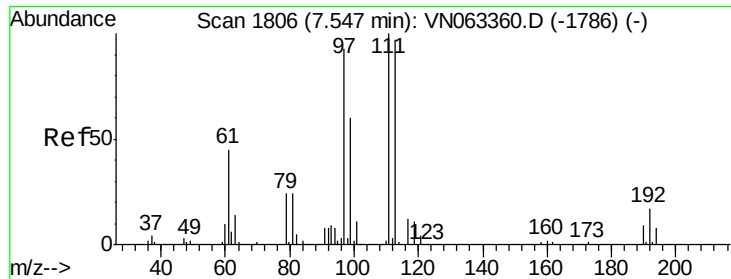
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	497676		
63	23.4	0.0	46.4	
88	16.6	0.0	33.2	





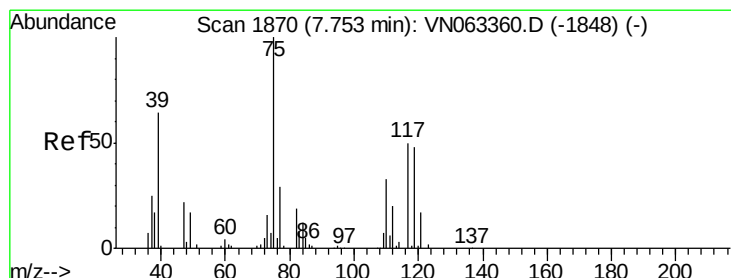
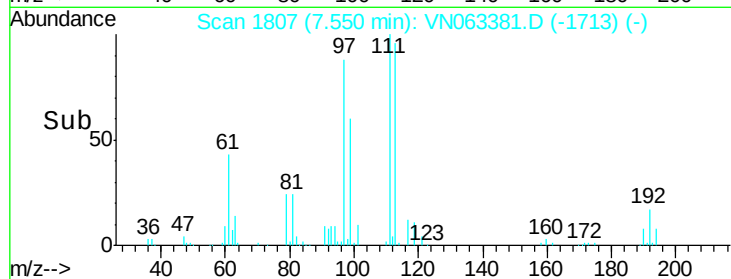
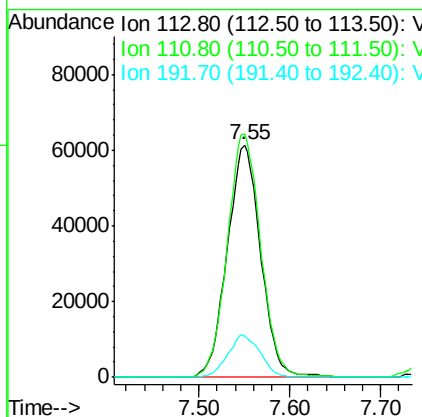
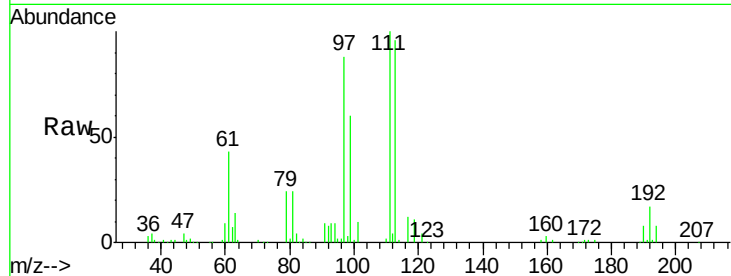
#35
 Dibromofluoromethane
 Concen: 45.406 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	156437		
111	105.2	82.9	124.3	
192	17.7	13.9	20.9	

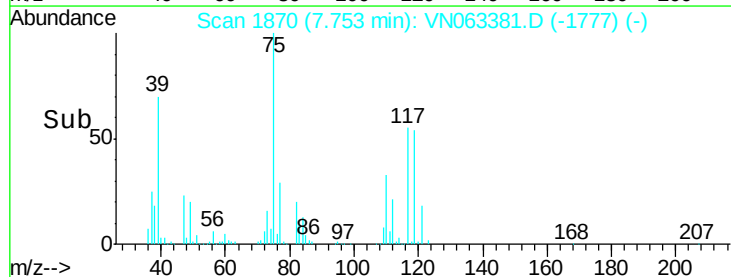
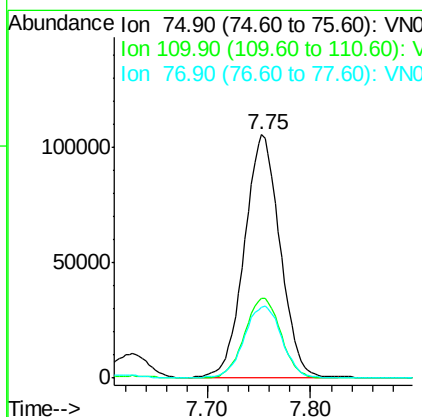
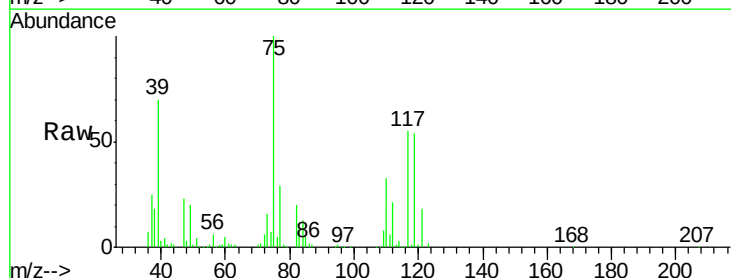
Manual Integrations
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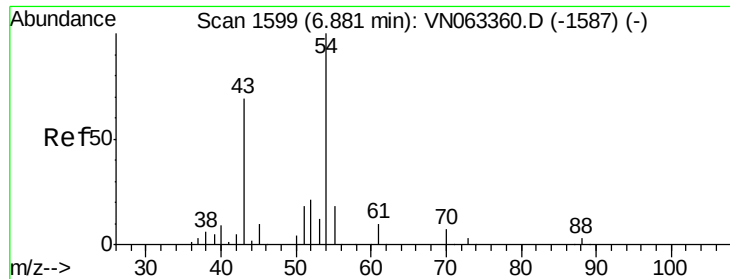
MMDadoda
 9/17/2020 1:09:56 PM



#36
 1,1-Dichloropropene
 Concen: 47.425 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	251451		
110	33.6	16.5	49.5	
77	31.5	24.6	36.8	





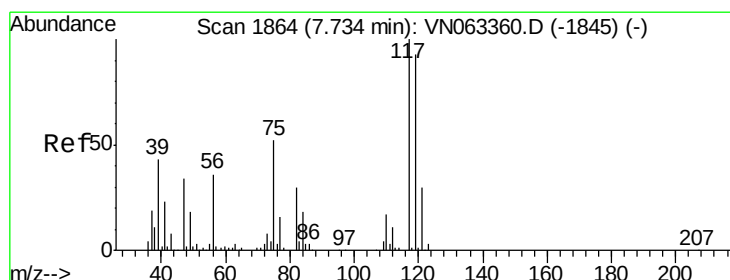
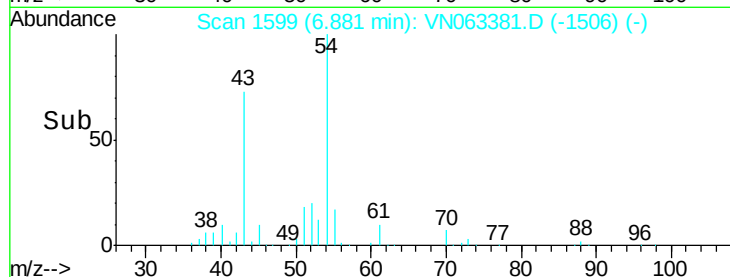
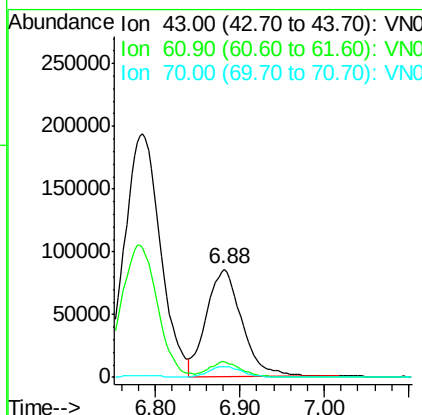
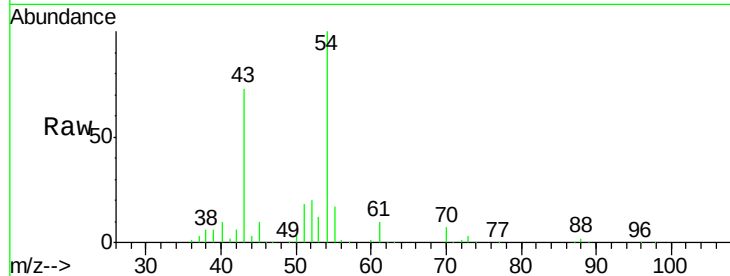
#37
Ethyl Acetate
Concen: 48.284 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.6	15.8
70	9.5	7.2	10.8

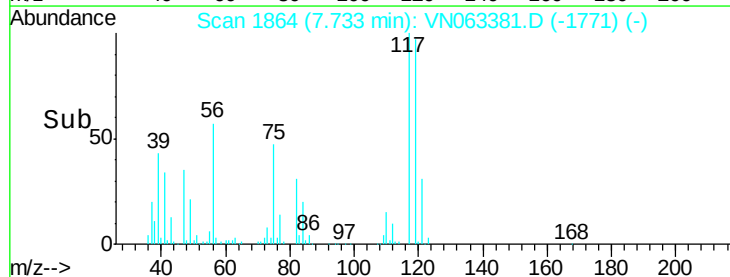
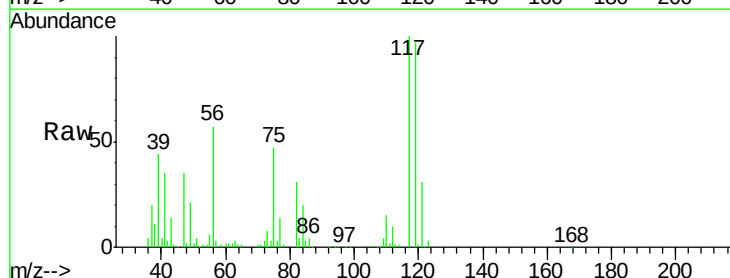
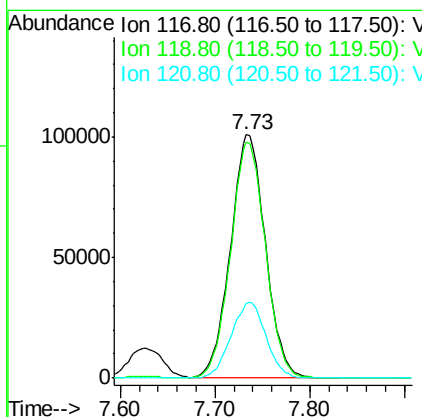
Manual Integrations
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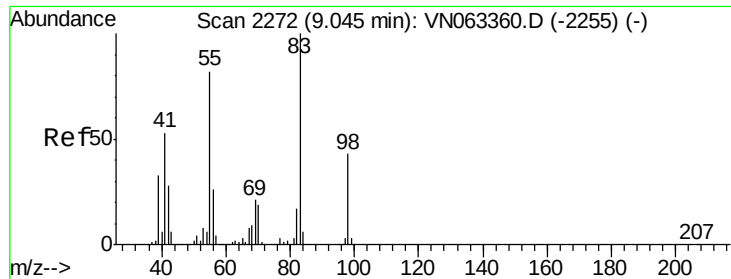
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#38
Carbon Tetrachloride
Concen: 47.910 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	74.5	111.7
121	30.5	24.1	36.1





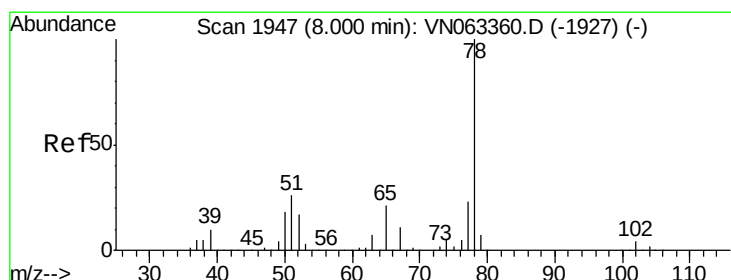
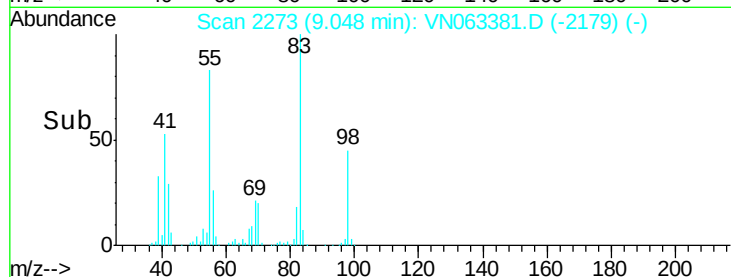
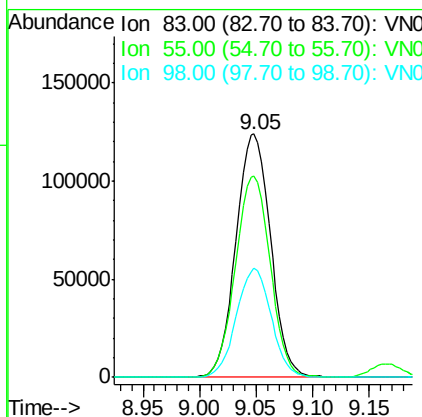
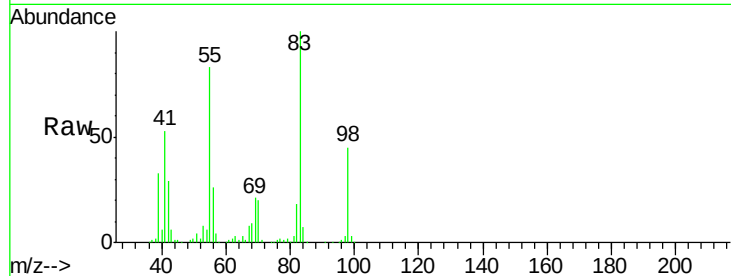
#39
Methylvlcyclohexane
Concen: 46.141 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.6	65.5	98.3
98	44.6	34.2	51.4

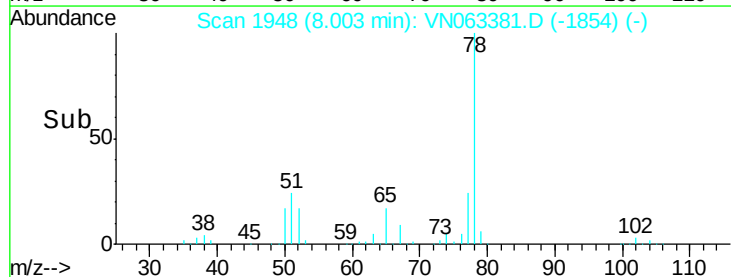
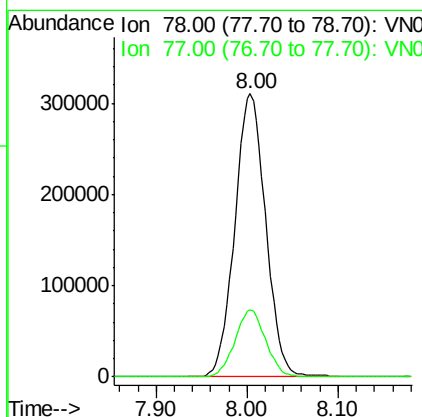
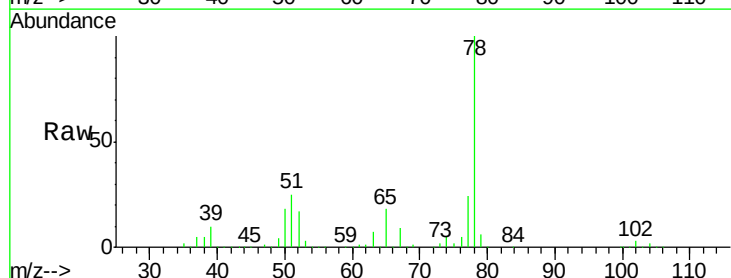
Manual Integrations
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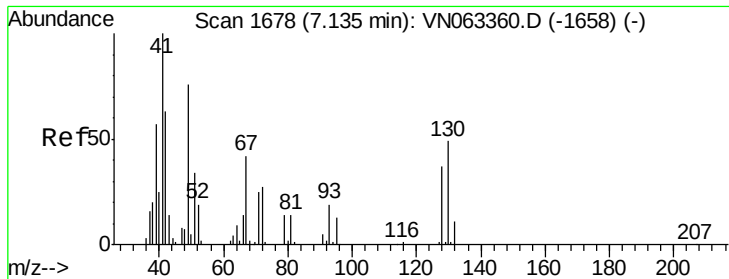
MMDadoda
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#40
Benzene
Concen: 48.310 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.3	27.5





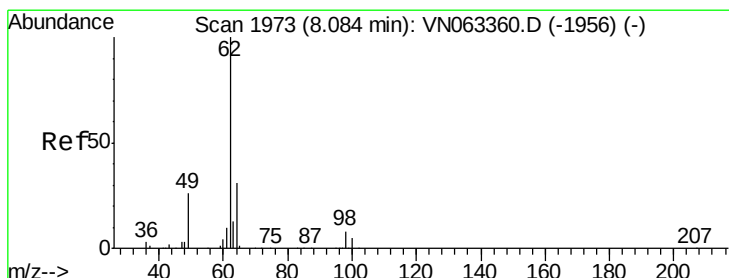
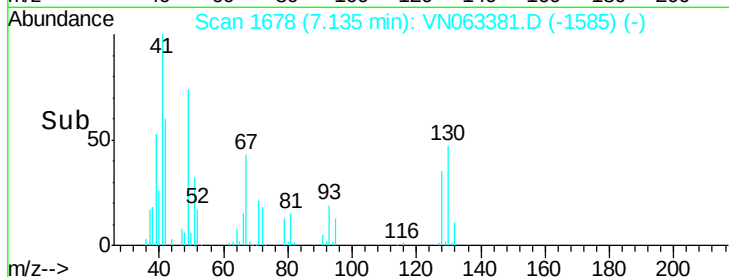
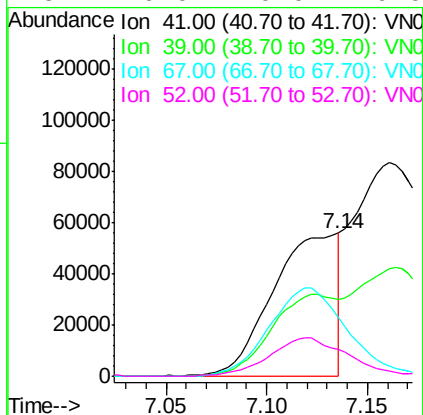
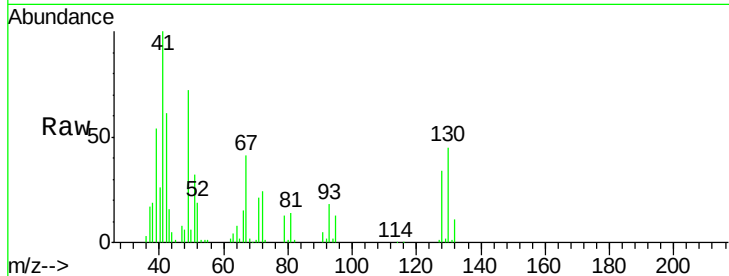
#41
Methacrylonitrile
Concen: 53.388 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100	124952		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

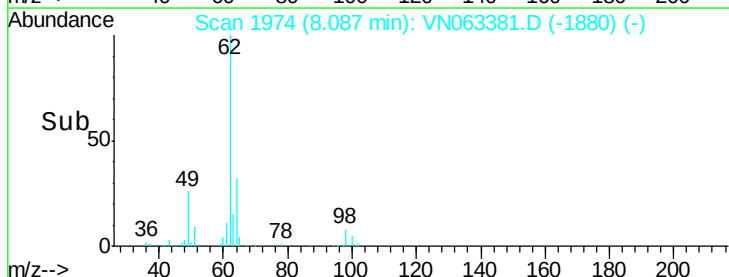
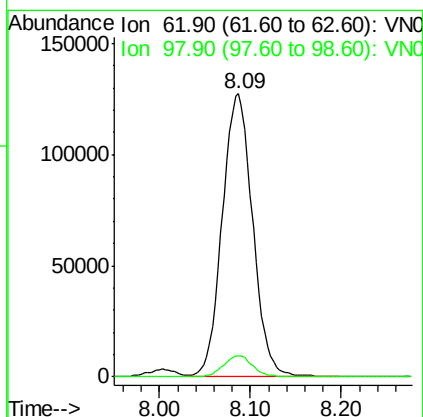
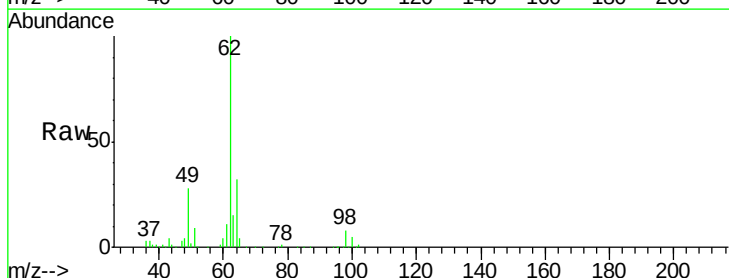
Manual Integrations
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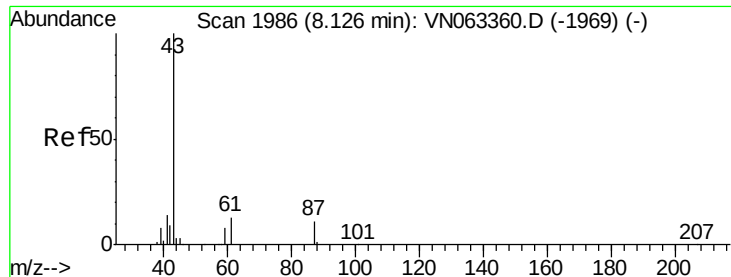
MMDadoda
9/17/2020 1:09:56 PM



#42
1,2-Dichloroethane
Concen: 48.425 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	294744		
98	7.3	0.0	15.6	





#43

Isopropyl Acetate

Concen: 46.726 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

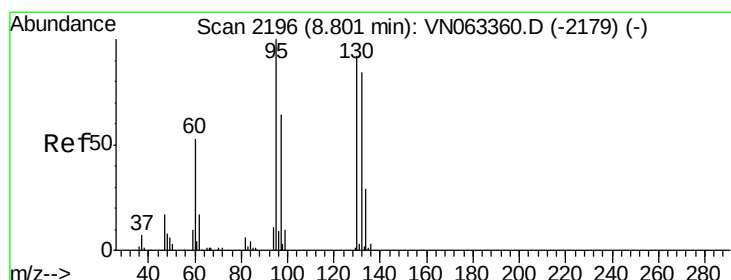
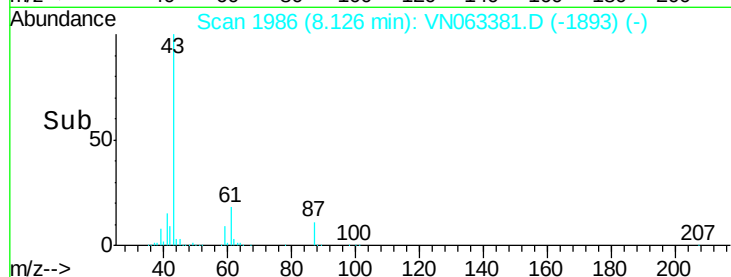
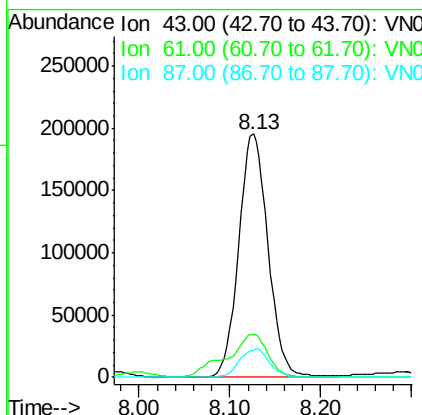
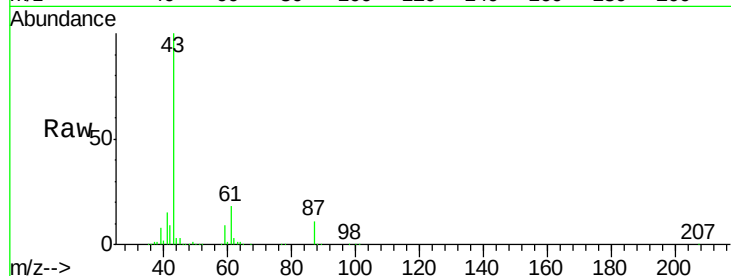
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	434772
Ion	Ratio	Lower	Upper
43	100		
61	24.4	14.2	21.2#
87	11.9	9.0	13.6

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#44

Trichloroethene

Concen: 48.692 ug/l

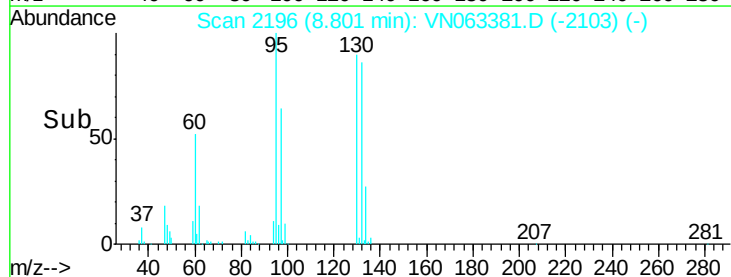
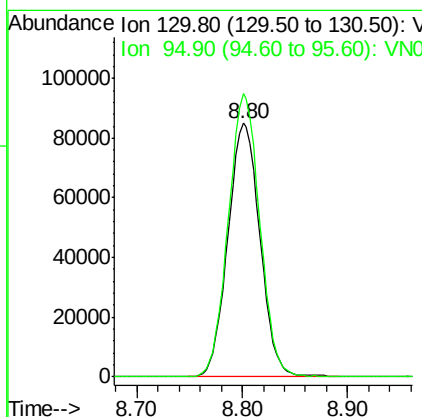
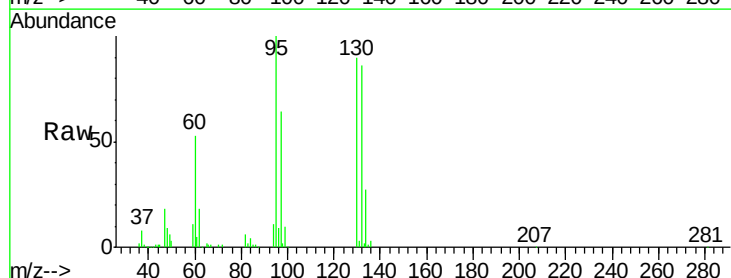
RT: 8.80 min Scan# 2196

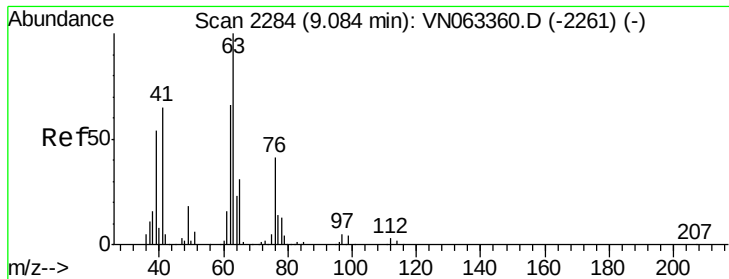
Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Tgt Ion:	130	Resp:	178750
Ion	Ratio	Lower	Upper
130	100		
95	111.5	0.0	217.4





#45

1,2-Dichloropropane

Concen: 49.159 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 202645

Ion Ratio Lower Upper

63 100

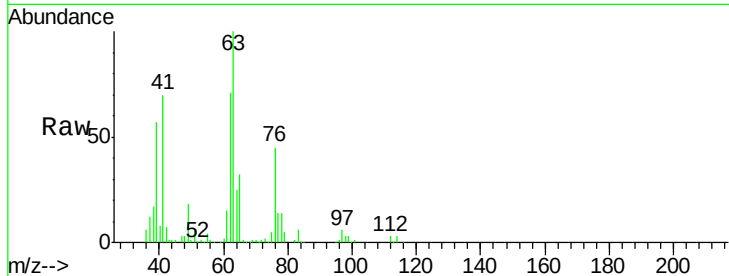
65 31.9 25.0 37.6

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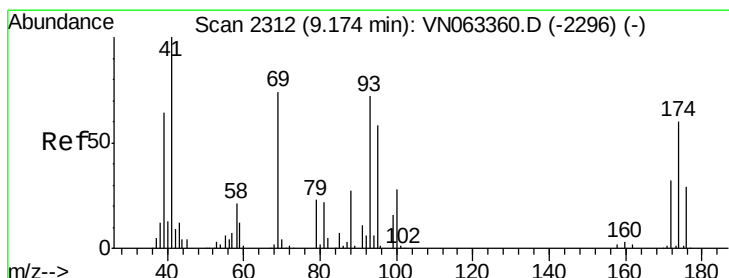
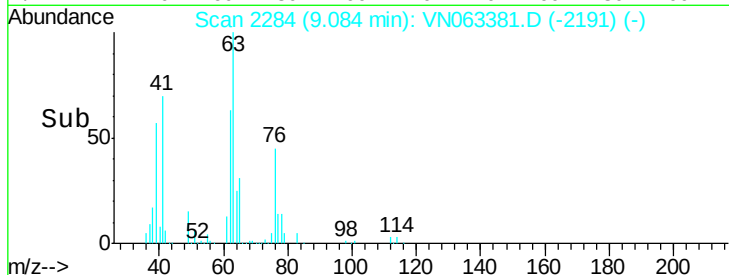
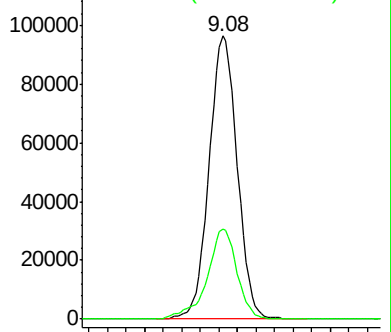
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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 49.218 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

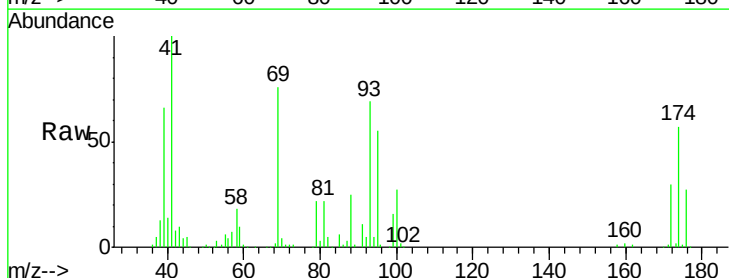
Tgt Ion: 93 Resp: 133349

Ion Ratio Lower Upper

93 100

95 80.7 65.6 98.4

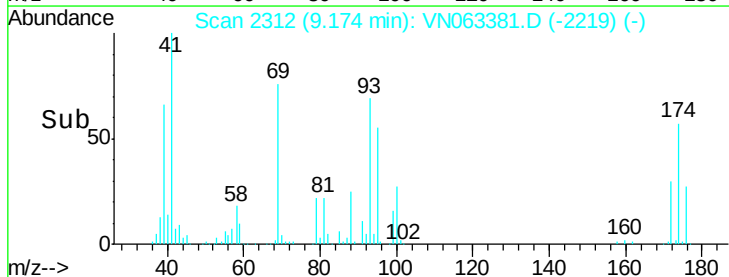
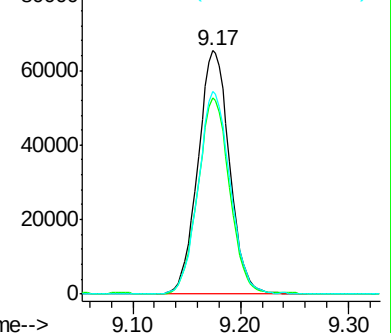
174 83.9 68.1 102.1

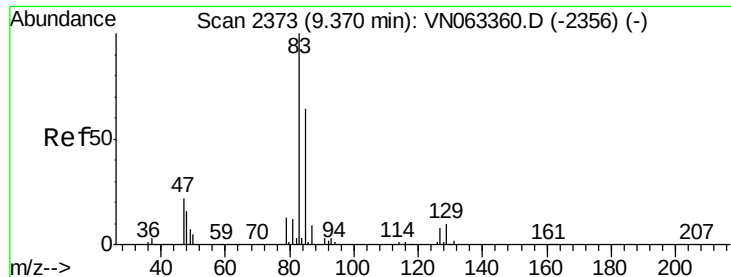


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





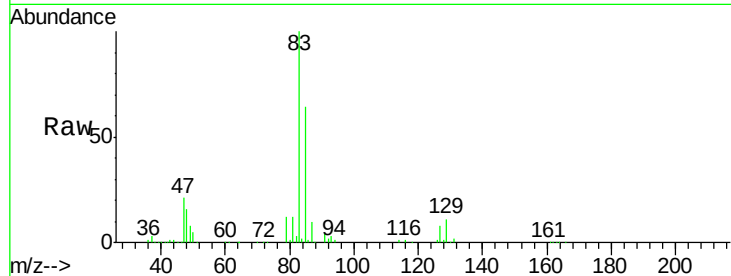
#47
Bromodichloromethane
Concen: 49.669 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	279568		
85	64.3	51.0	76.6	
127	8.4	6.3	9.5	

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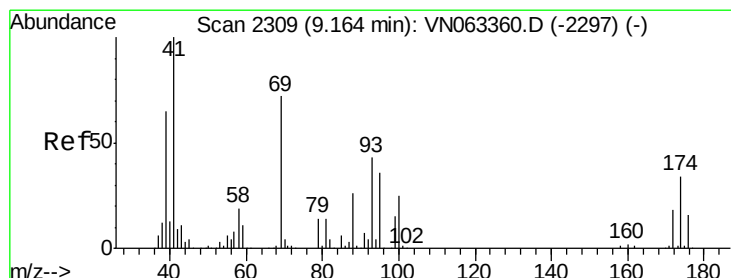
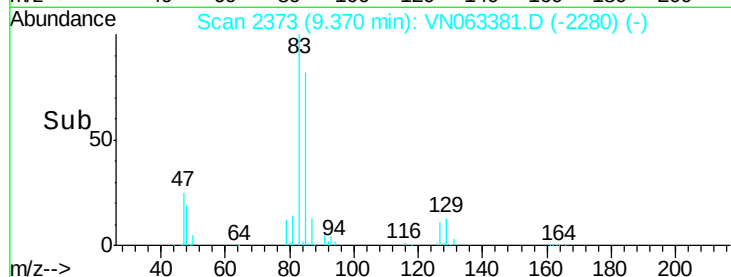
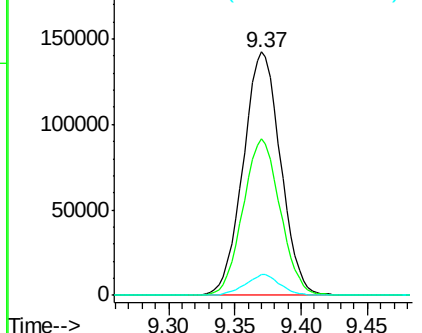
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Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

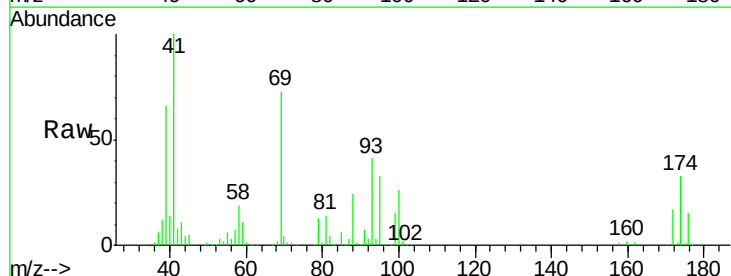
Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)



#48
Methyl methacrylate
Concen: 46.952 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

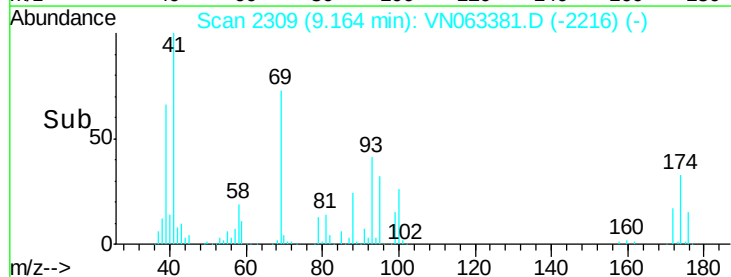
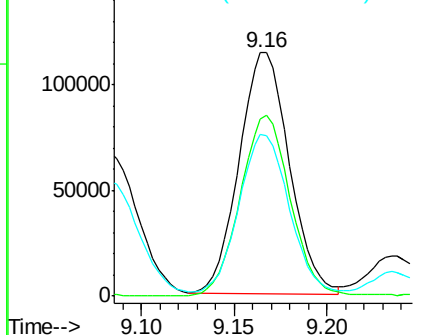
Tgt Ion	Ratio	Resp	Lower	Upper
41	100	214643		
69	76.0	59.3	88.9	
39	68.7	52.9	79.3	

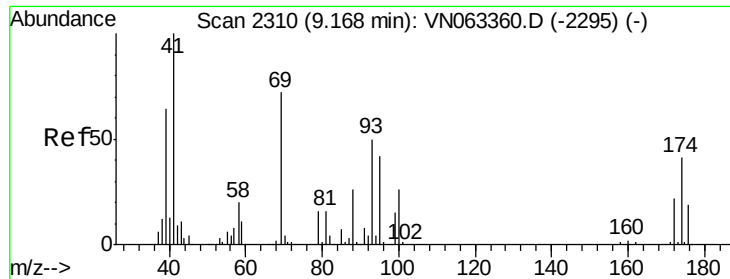


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)





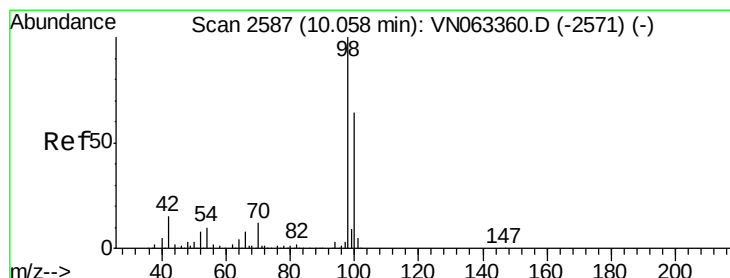
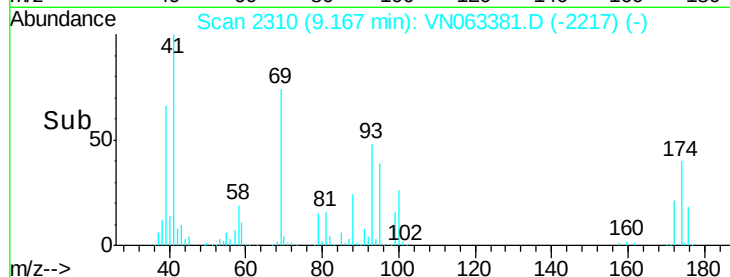
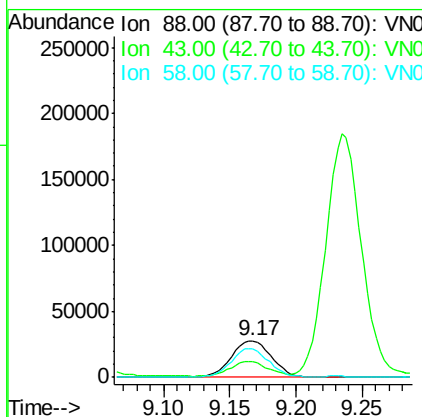
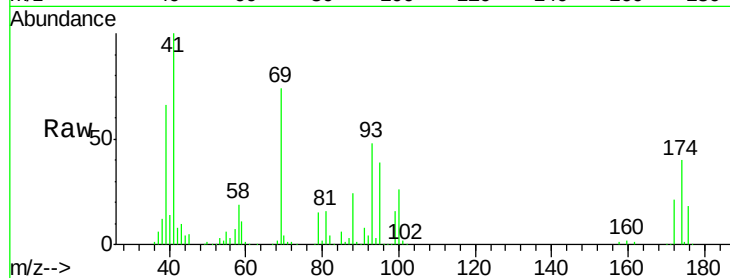
#49
1,4-Dioxane
Concen: 896.045 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.2	32.6	49.0
58	73.8	60.0	90.0

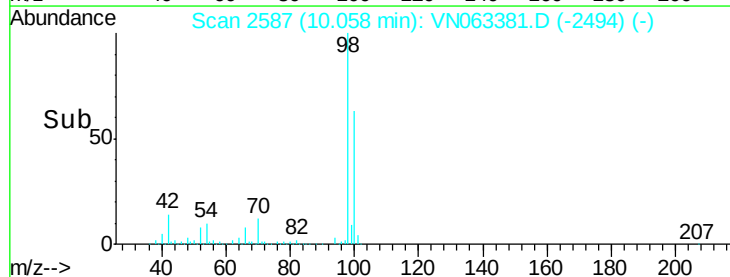
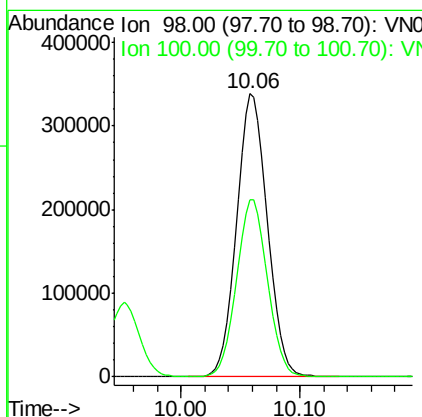
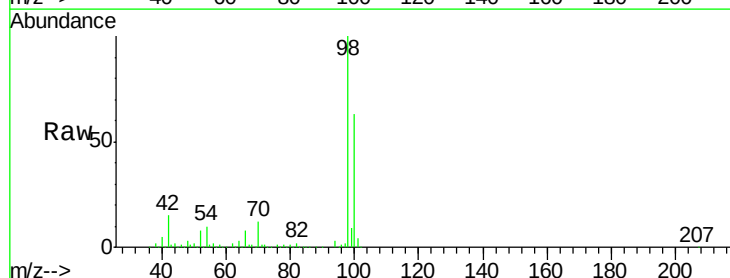
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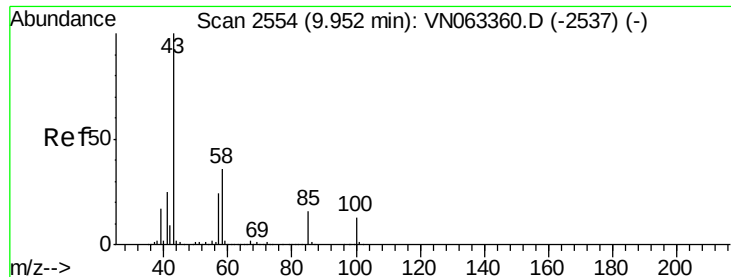
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#50
Toluene-d8
Concen: 46.799 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 243.134 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1266517

Ion Ratio Lower Upper

43 100

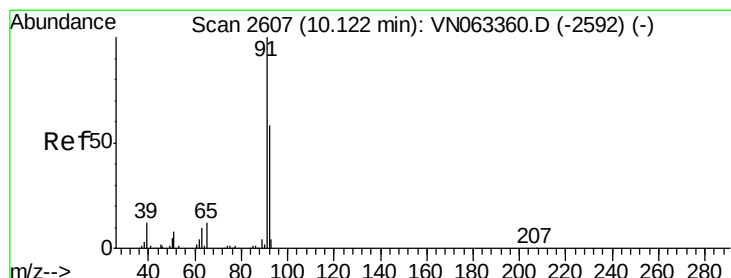
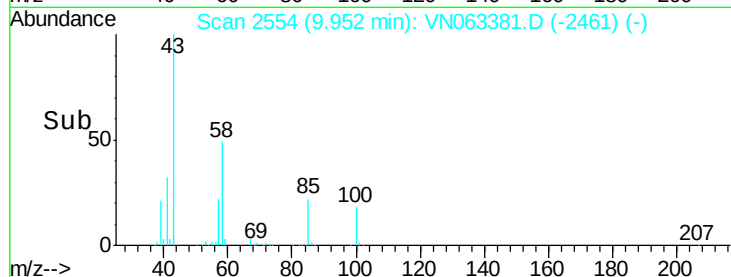
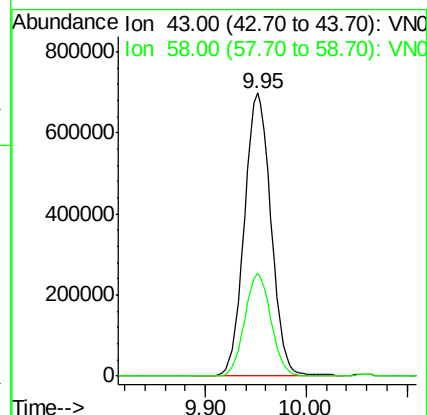
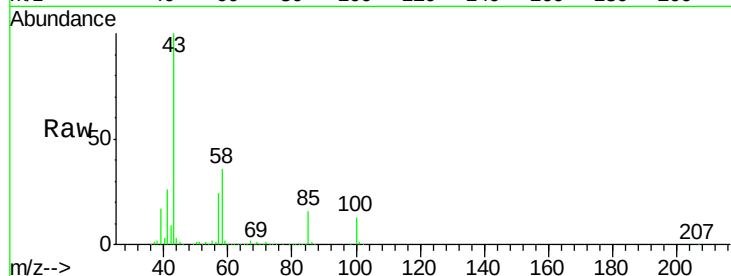
58 36.0 29.0 43.6

Manual Integrations

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#52

Toluene

Concen: 50.725 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063381.D

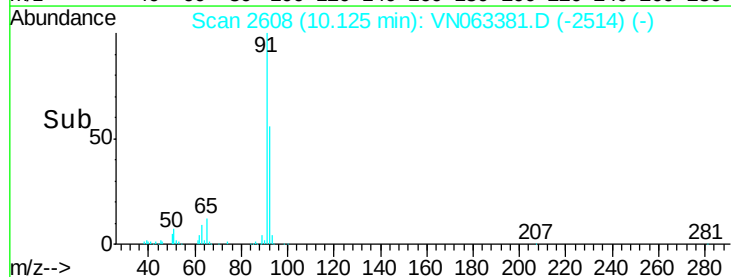
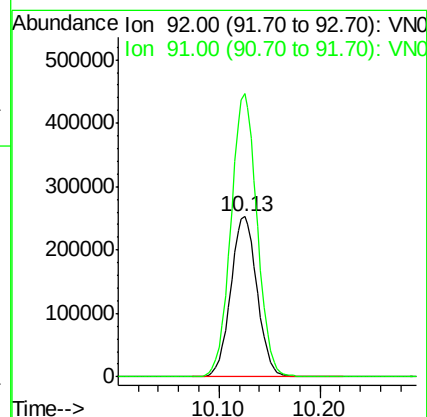
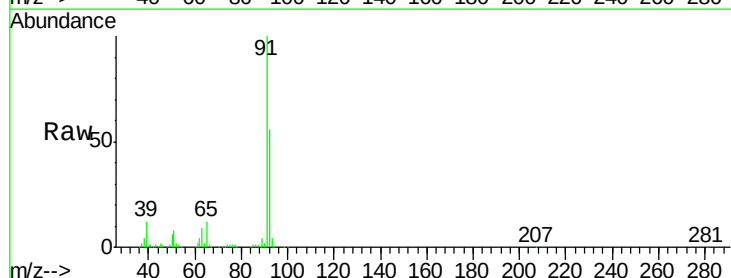
Acq: 16 Sep 2020 22:17

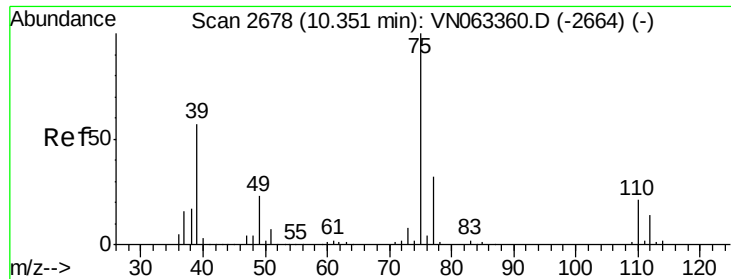
Tgt Ion: 92 Resp: 461592

Ion Ratio Lower Upper

92 100

91 175.2 139.7 209.5





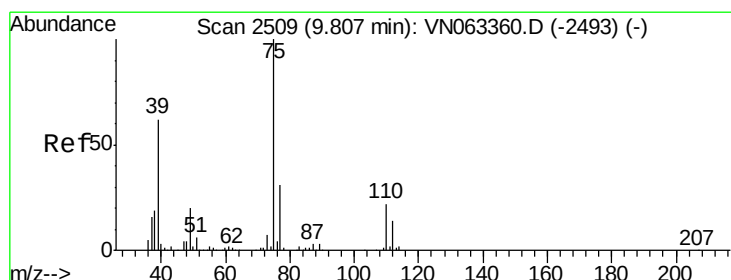
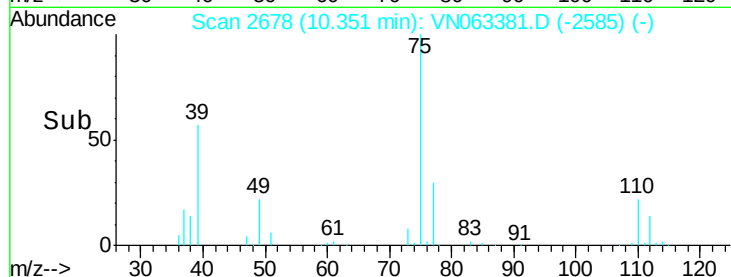
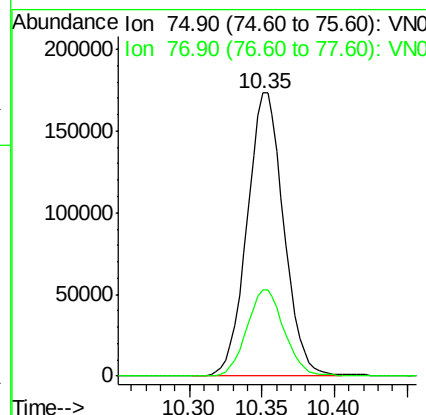
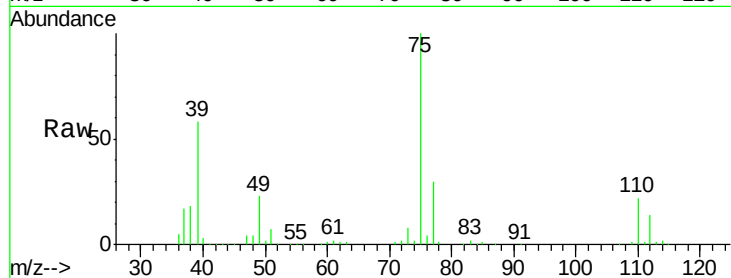
#53
t-1,3-Dichloropropene
Concen: 48.576 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 305240
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2

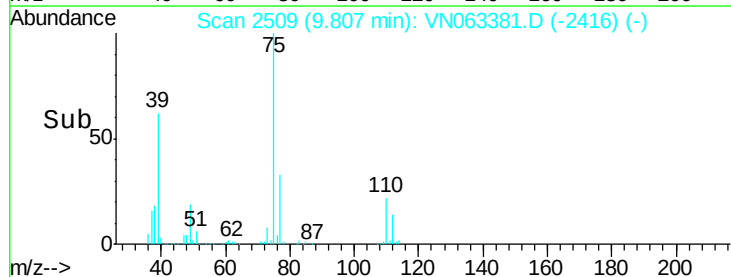
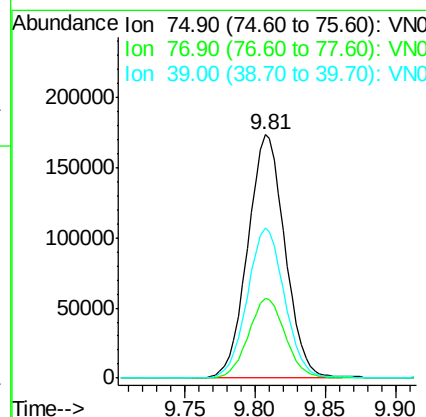
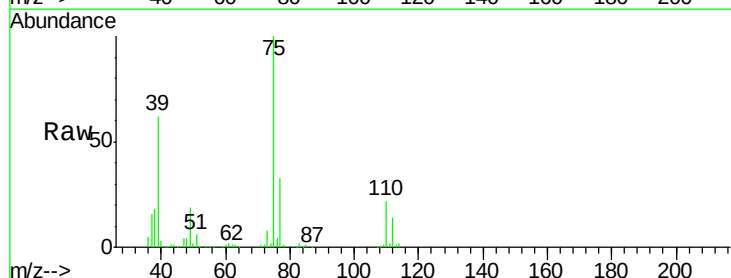
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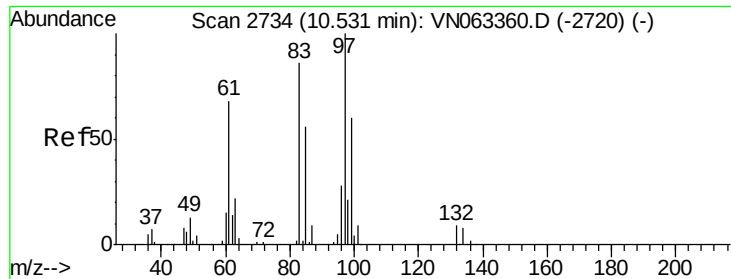
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#54
cis-1,3-Dichloropropene
Concen: 48.342 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 75 Resp: 320412
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0
39 61.6 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 49.119 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 177542

Ion Ratio Lower Upper

97 100

83 89.9 68.9 103.3

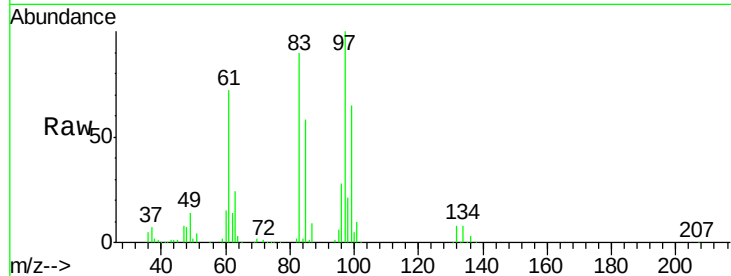
85 57.5 44.8 67.2

99 64.6 47.8 71.8

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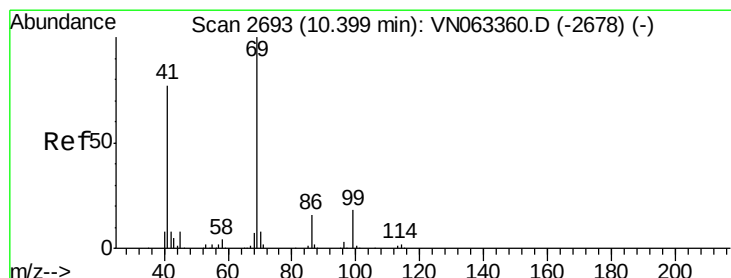
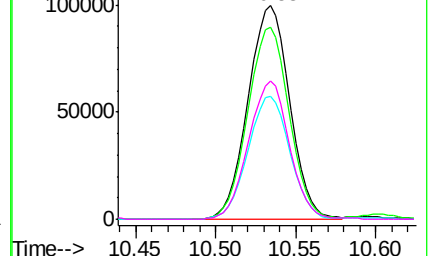
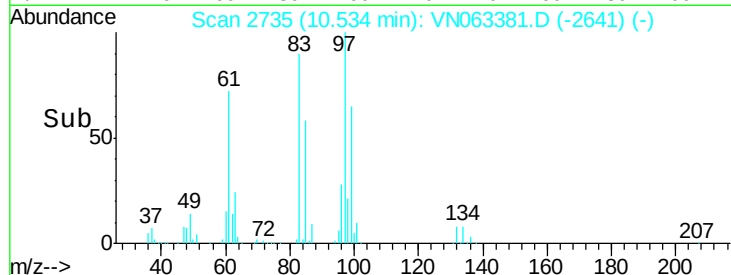


Abundance Ion 96.90 (96.60 to 97.60): VN063360.D (-2720) (-)

Ion 82.90 (82.60 to 83.60): VN063360.D (-2720) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2720) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-2720) (-)



#56

Ethyl methacrylate

Concen: 49.827 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

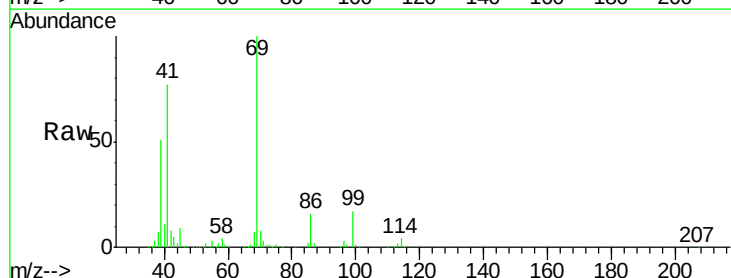
Tgt Ion: 69 Resp: 281156

Ion Ratio Lower Upper

69 100

41 76.5 61.0 91.6

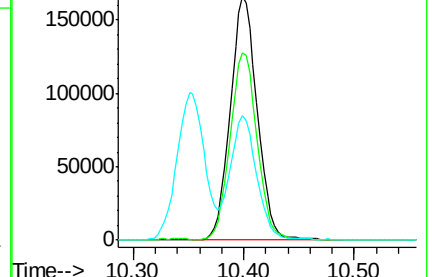
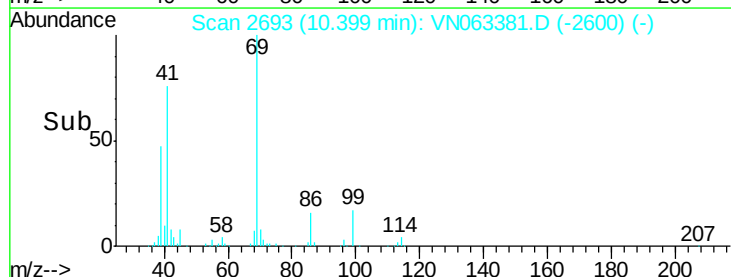
39 50.1 39.2 58.8

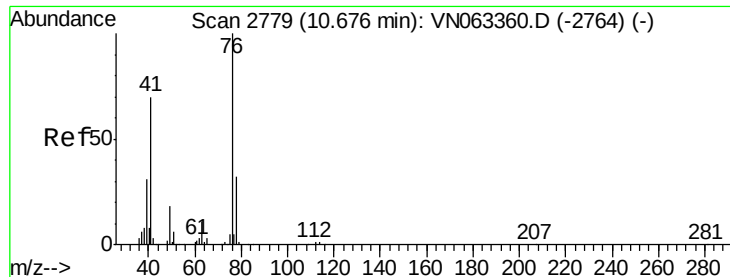


Abundance Ion 69.00 (68.70 to 69.70): VN063360.D (-2678) (-)

Ion 41.00 (40.70 to 41.70): VN063360.D (-2678) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2678) (-)





#57

1,3-Dichloropropane

Concen: 48.764 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 317851

Ion Ratio Lower Upper

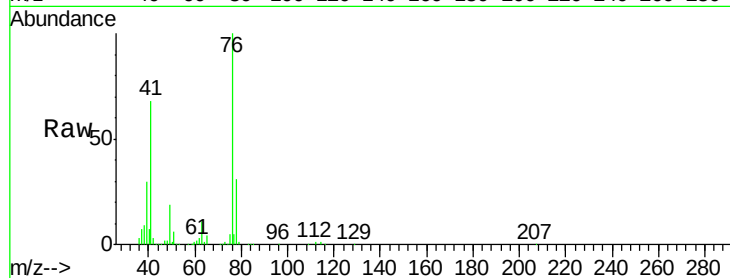
76 100

78 32.6 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

200000

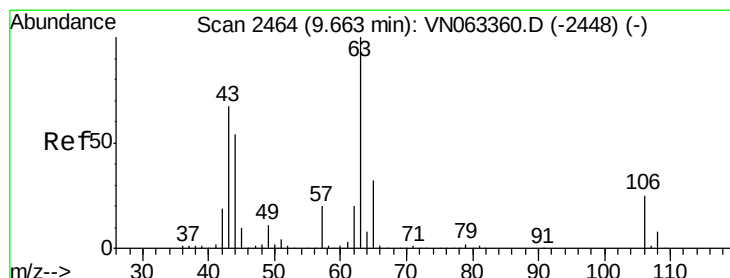
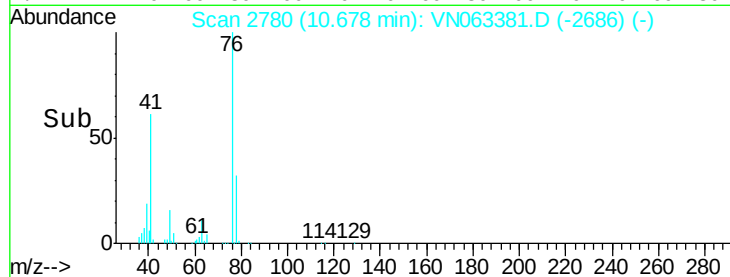
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 236.033 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063381.D

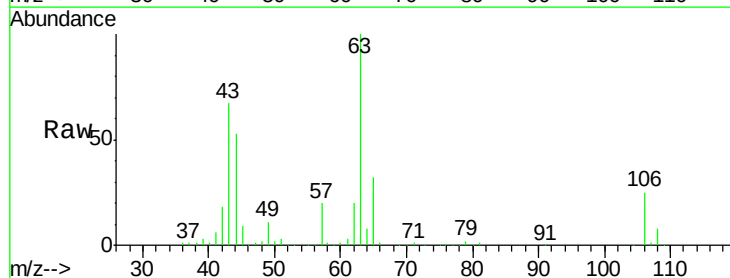
Acq: 16 Sep 2020 22:17

Tgt Ion: 63 Resp: 698669

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

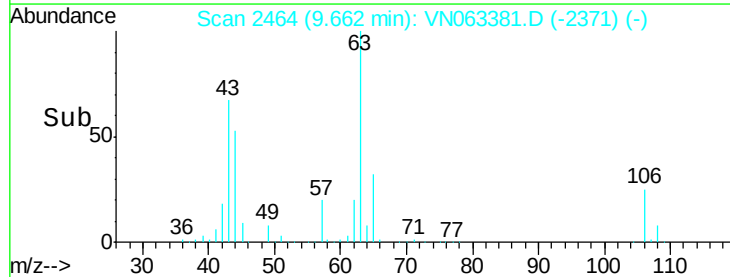
300000

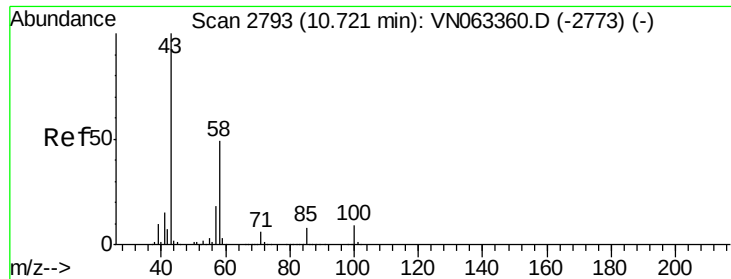
200000

100000

0

Time-->





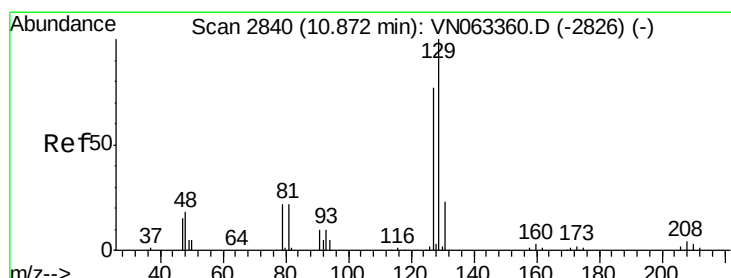
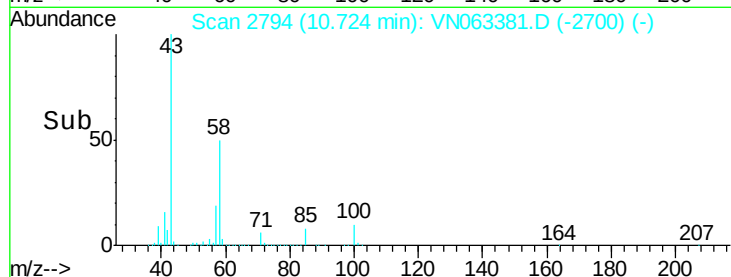
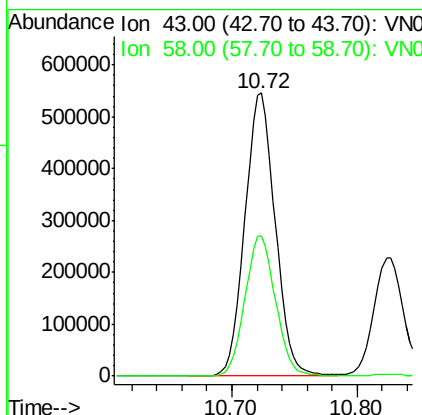
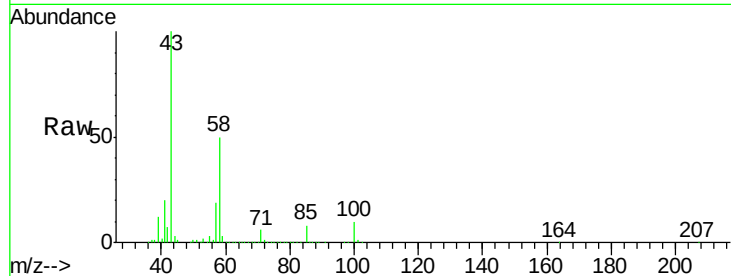
#59
2-Hexanone
Concen: 242.797 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 916288
Ion Ratio Lower Upper
43 100
58 50.0 24.7 74.1

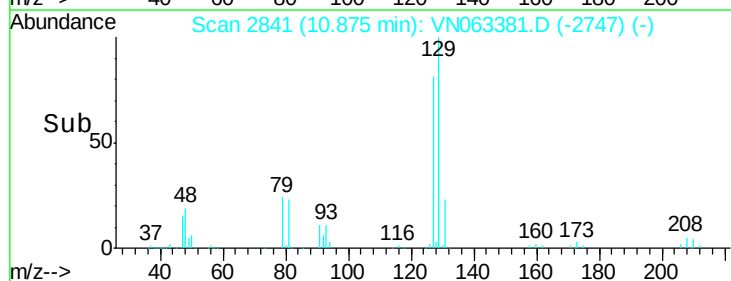
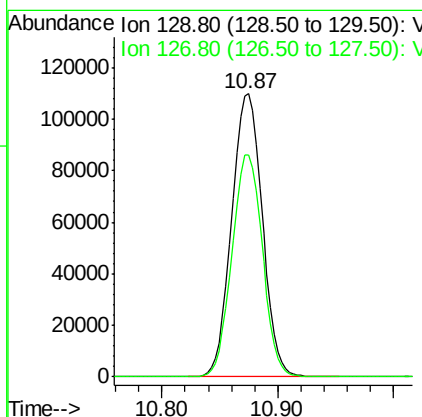
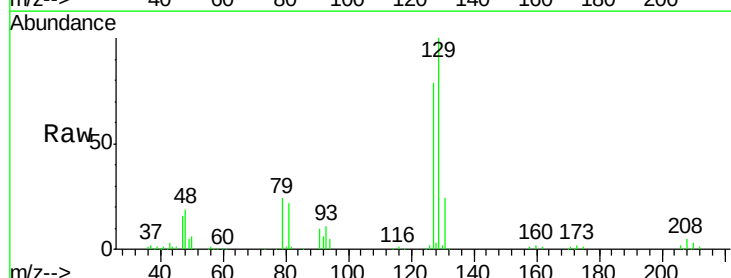
Manual Integrations
APPROVED

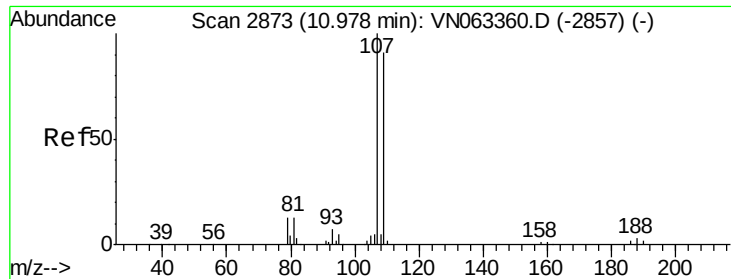
MMDadoda
9/17/2020 1:09:56 PM



#60
Dibromochloromethane
Concen: 49.274 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 129 Resp: 201206
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





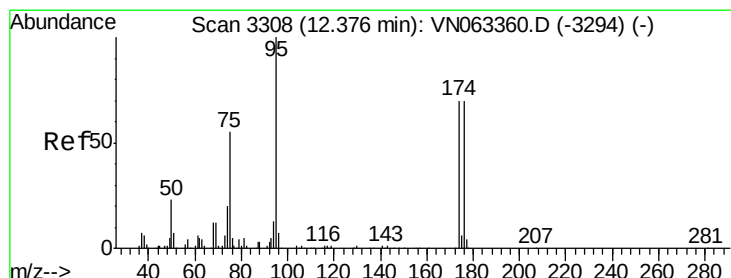
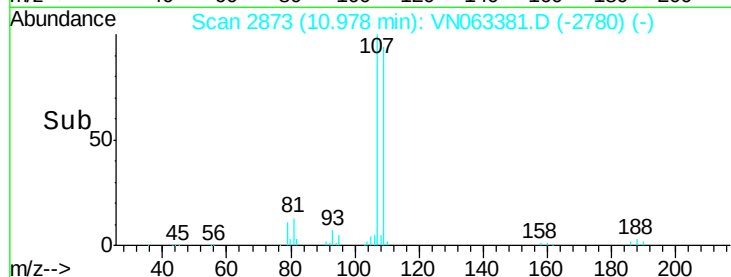
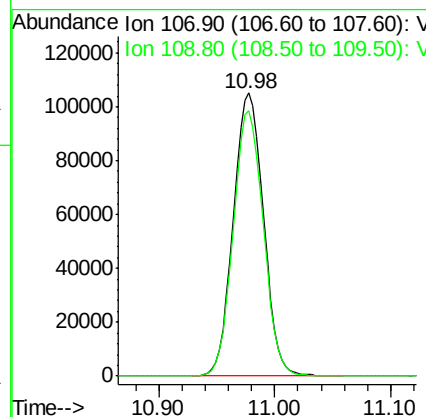
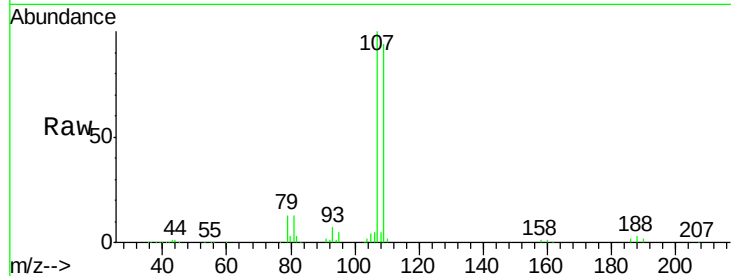
#61
 1,2-Dibromoethane
 Concen: 50.279 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	188810		
109	93.7	74.6	111.8	

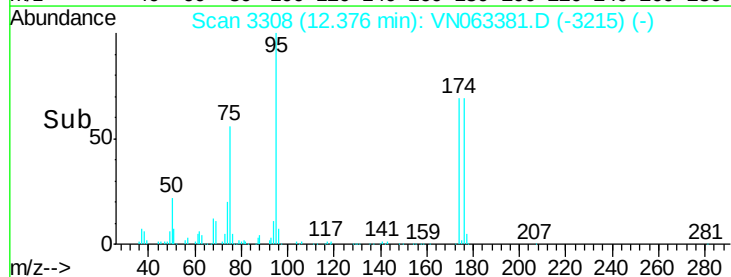
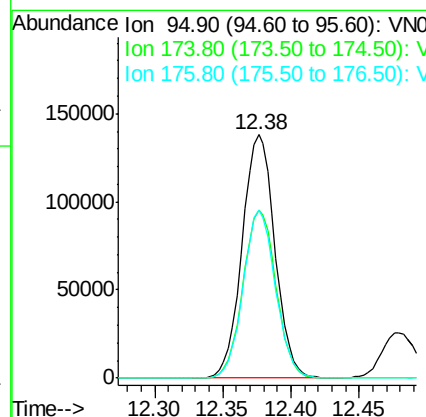
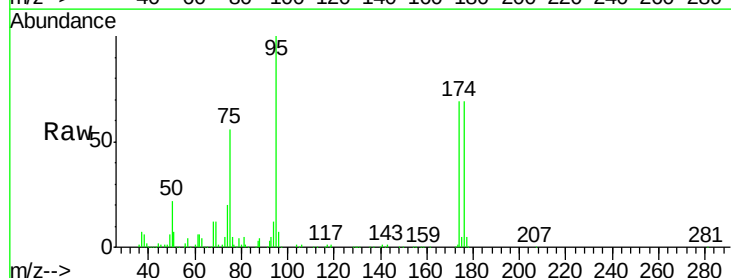
Manual Integrations
 APPROVED

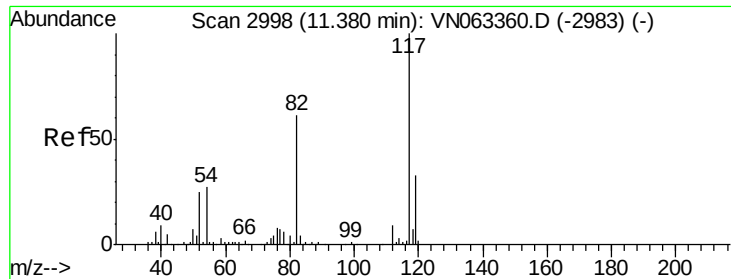
MMDadoda
 9/17/2020 1:09:56 PM



#62
 4-Bromofluorobenzene
 Concen: 48.420 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	229950		
174	69.7	0.0	140.8	
176	68.2	0.0	137.6	





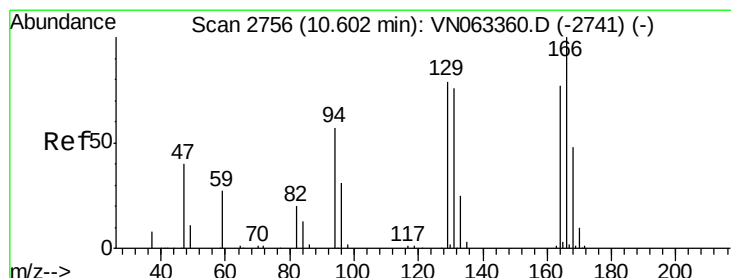
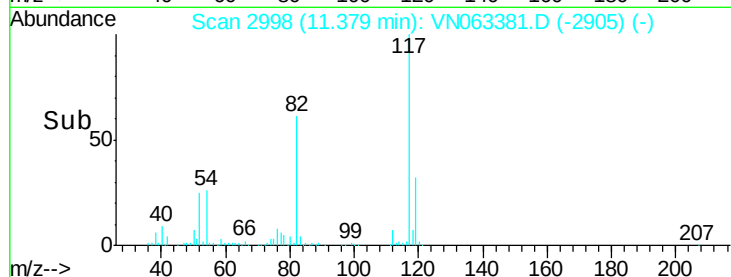
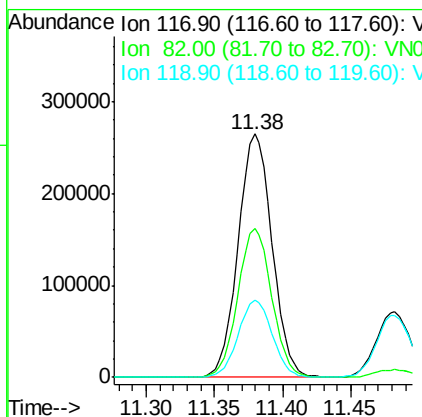
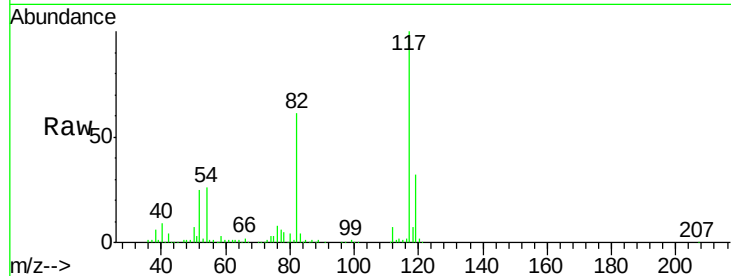
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	458714		
82	61.2	49.2	73.8	
119	31.8	26.2	39.4	

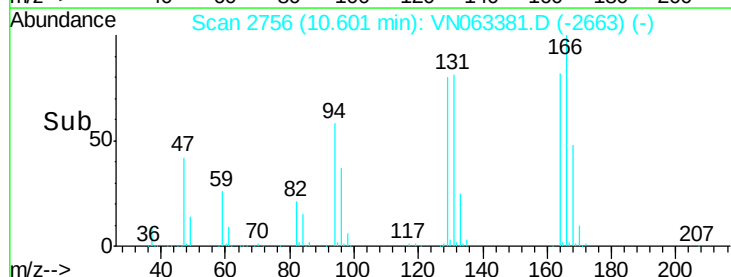
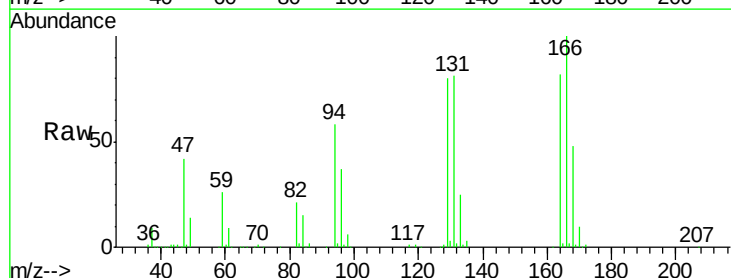
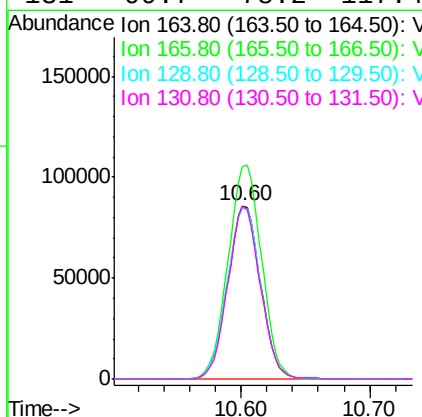
Manual Integrations
APPROVED

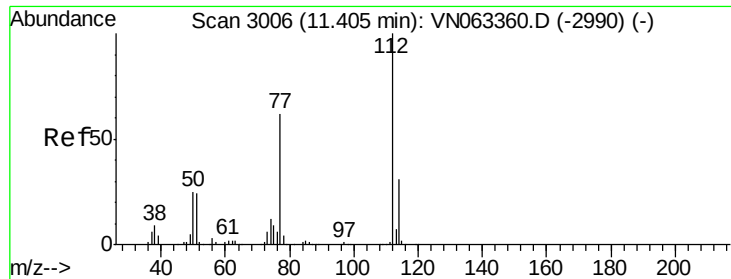
MMDadoda
9/17/2020 1:09:56 PM



#64
Tetrachloroethene
Concen: 49.012 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153091		
166	122.4	103.4	155.0	
129	98.5	81.8	122.6	
131	99.7	78.2	117.4	





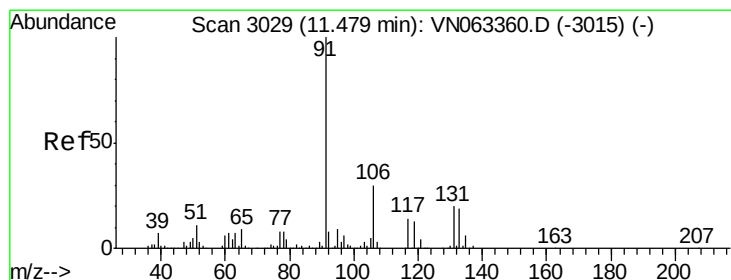
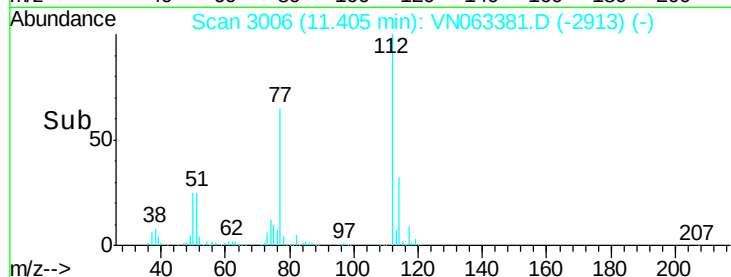
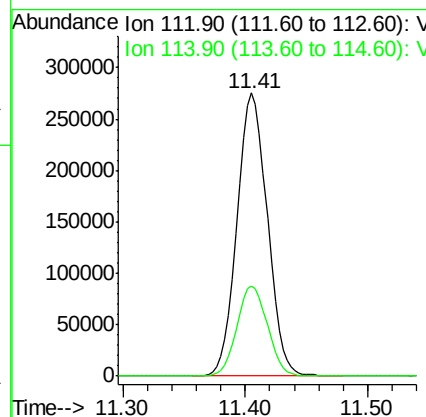
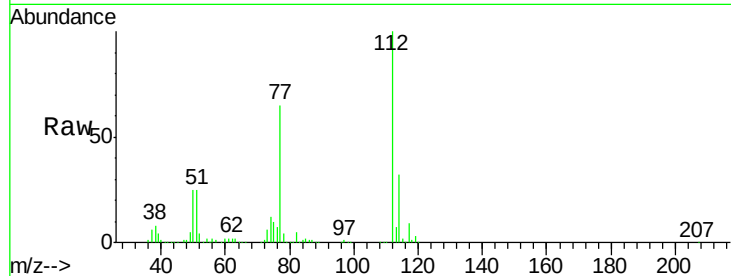
#65
Chlorobenzene
Concen: 48.938 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.6

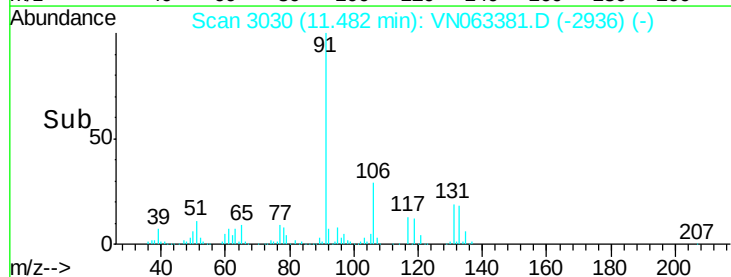
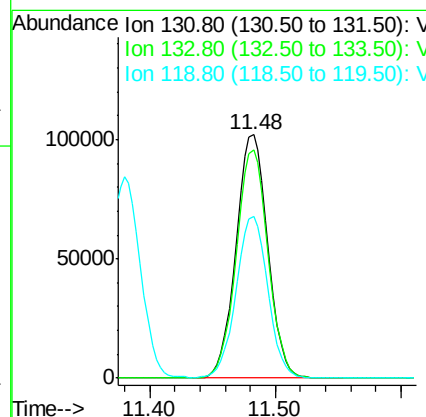
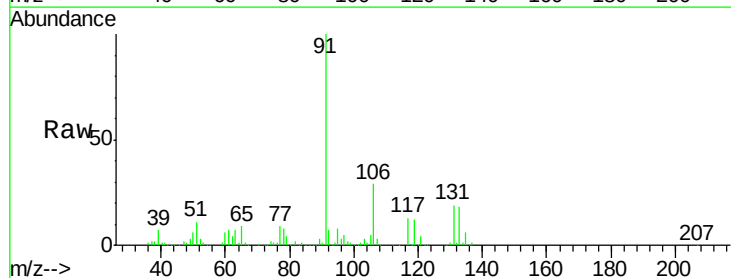
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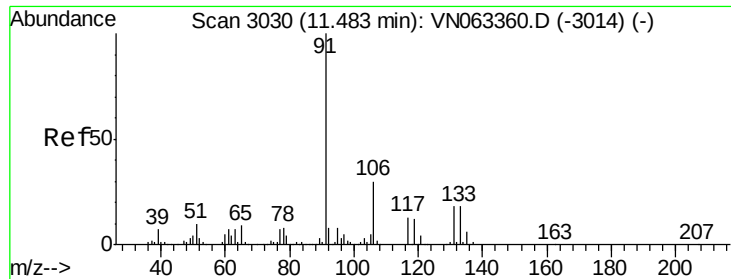
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.137 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.3	141.9
119	66.6	33.6	100.8





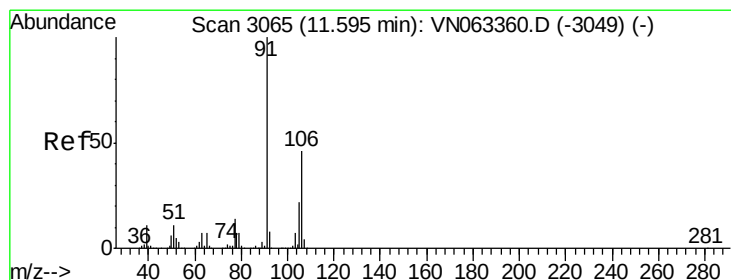
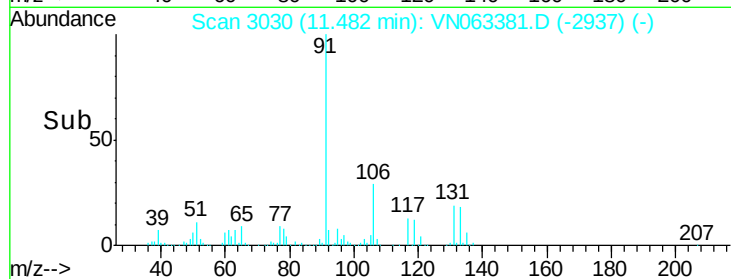
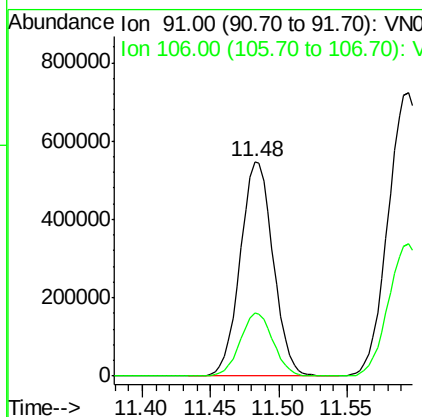
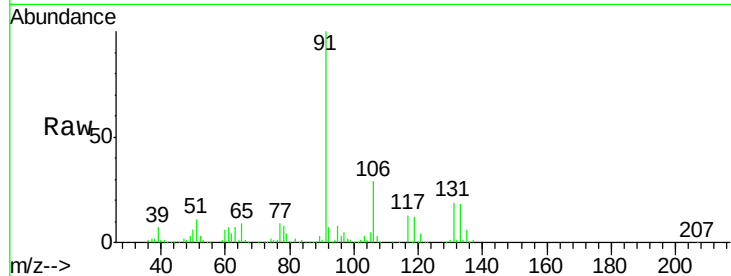
#67
Ethyl Benzene
Concen: 49.949 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 915924
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.6

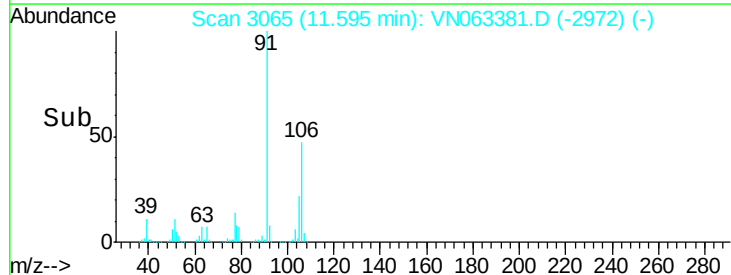
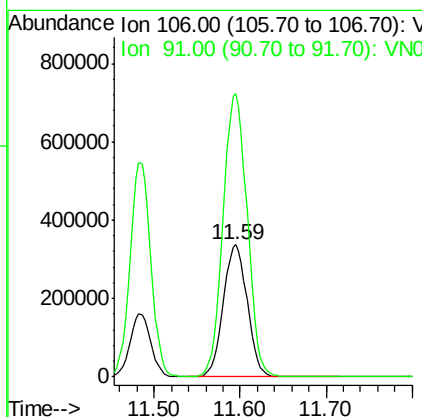
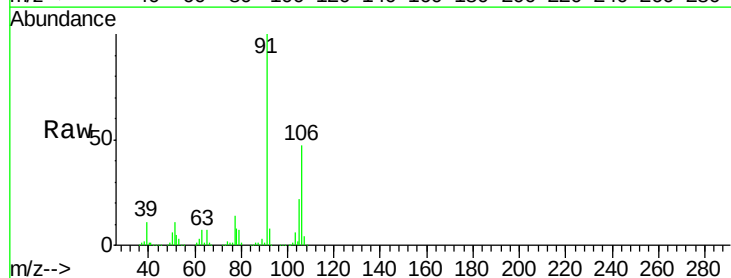
Manual Integrations
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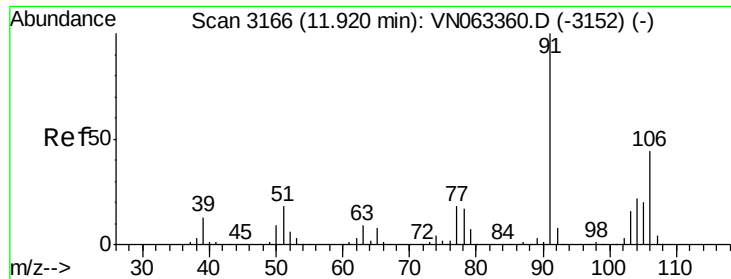
MMDadoda
9/17/2020 1:09:56 PM



#68
m/p-Xylenes
Concen: 98.830 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 106 Resp: 653404
Ion Ratio Lower Upper
106 100
91 215.0 171.2 256.8





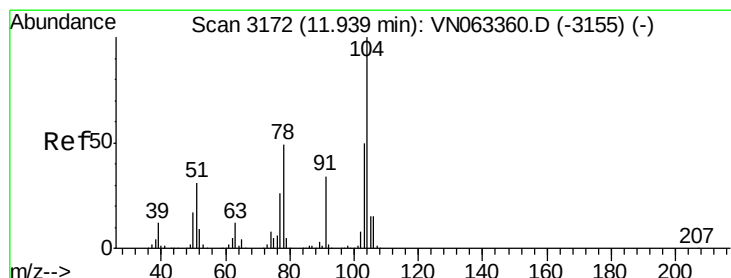
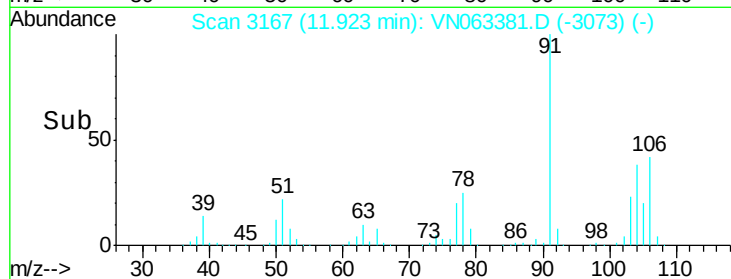
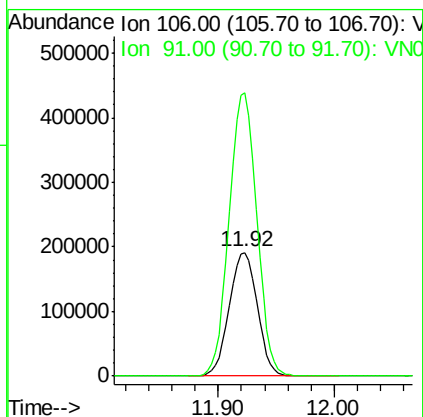
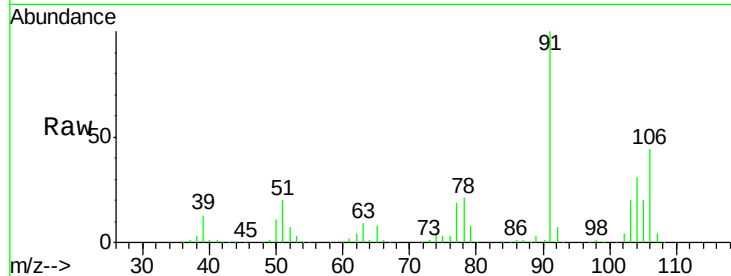
#69
o-Xylene
Concen: 50.824 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 320092
Ion Ratio Lower Upper
106 100
91 225.3 113.6 340.8

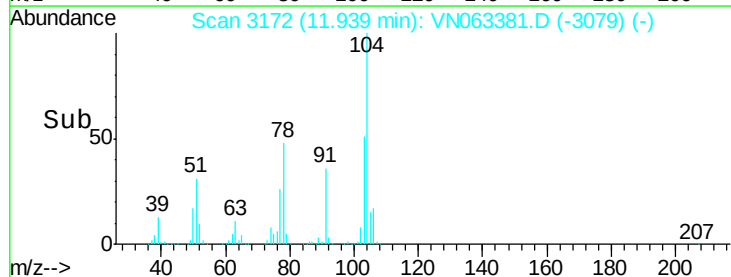
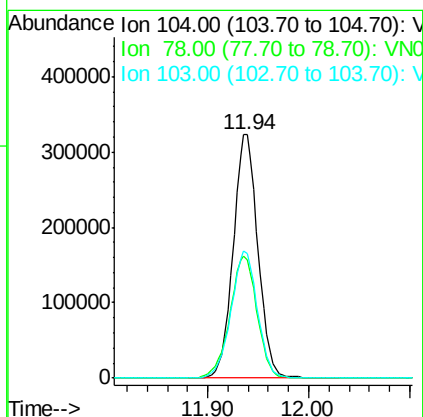
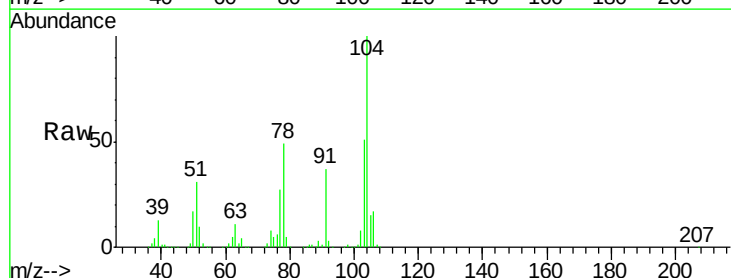
Manual Integrations
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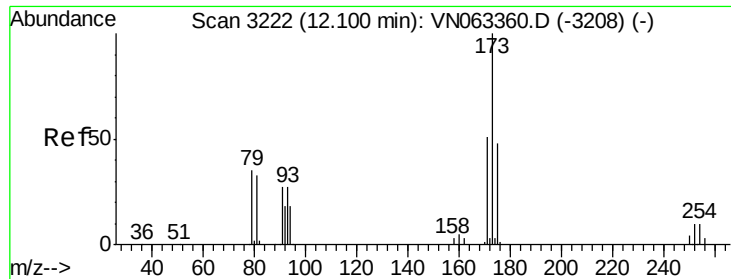
MMDadoda
9/17/2020 1:09:56 PM



#70
Styrene
Concen: 52.084 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion:104 Resp: 550099
Ion Ratio Lower Upper
104 100
78 55.0 44.4 66.6
103 55.7 43.7 65.5





#71

Bromoform

Concen: 51.001 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

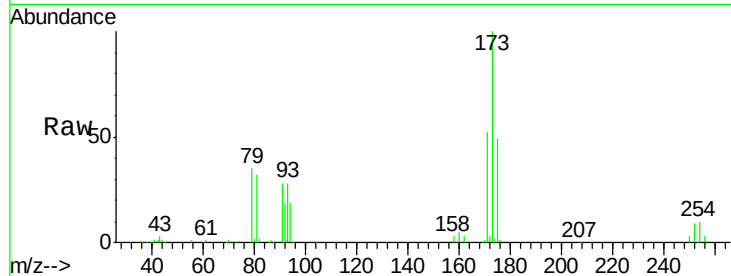
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100		135613		
175	47.3	24.0	72.0		
254	0.0	0.0	0.0		

Manual Integrations
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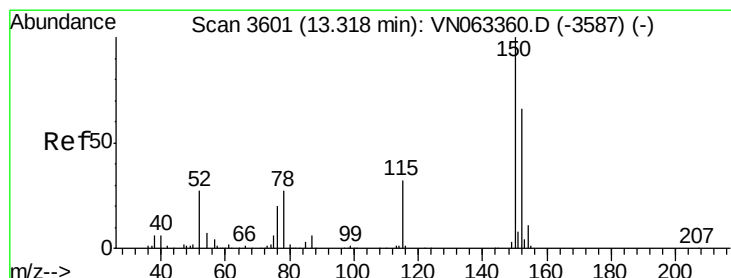
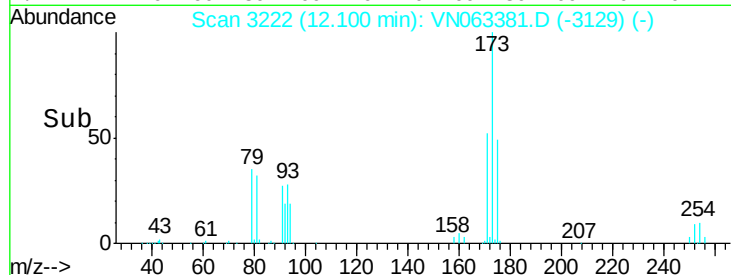
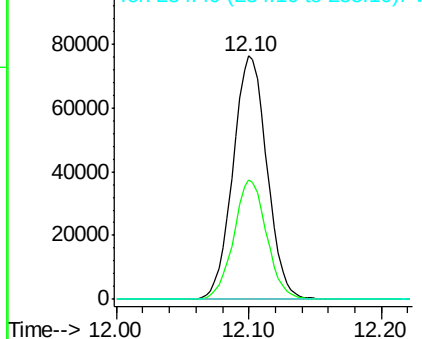


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

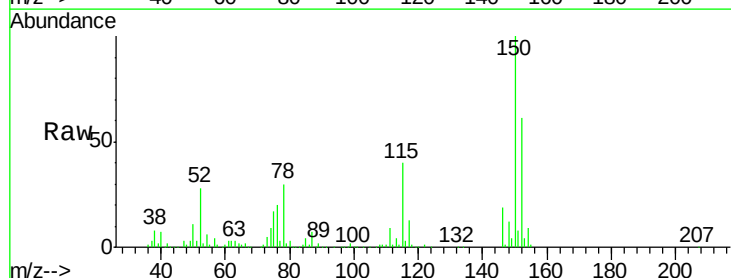
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		218065		
115	65.1	32.2	96.6		
150	175.3	0.0	343.4		

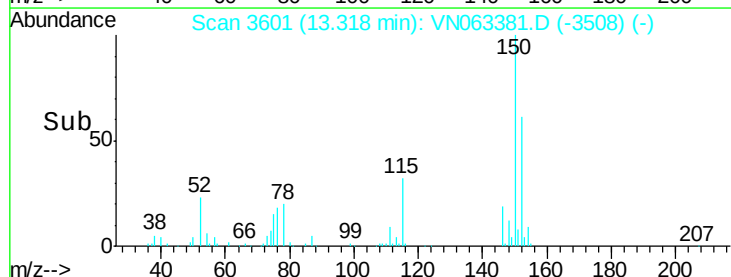
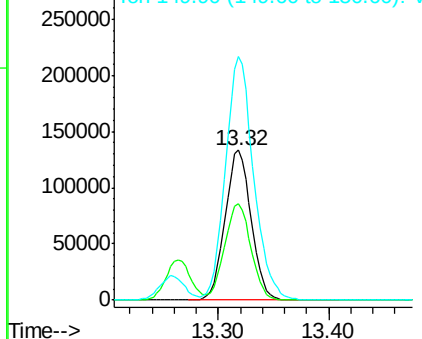


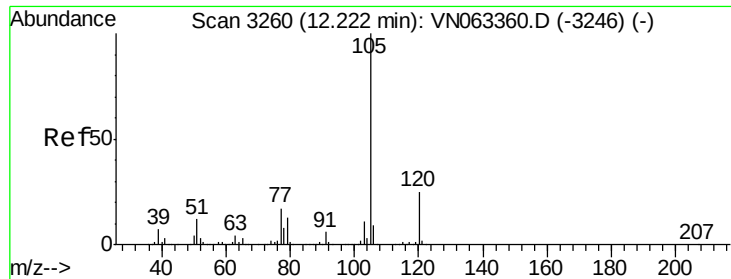
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





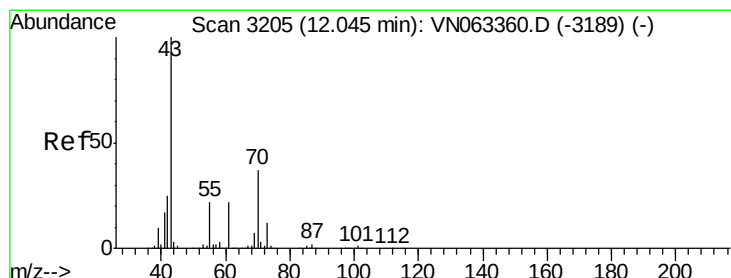
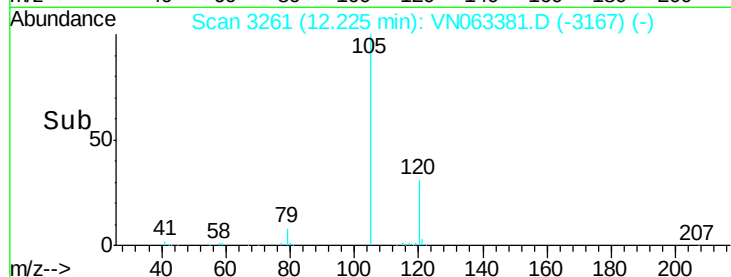
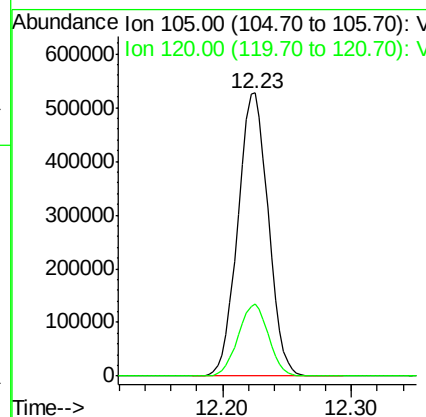
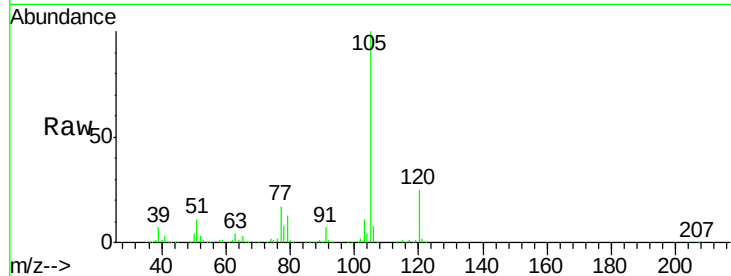
#73
Isopropylbenzene
Concen: 49.428 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.7	38.0

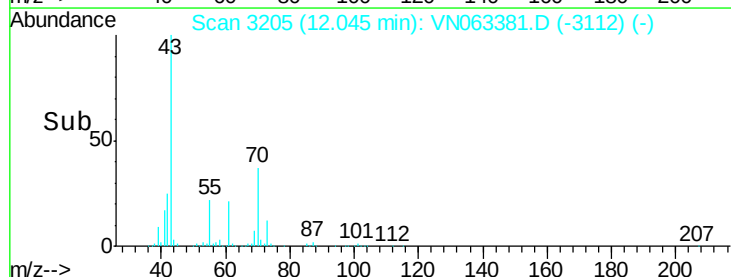
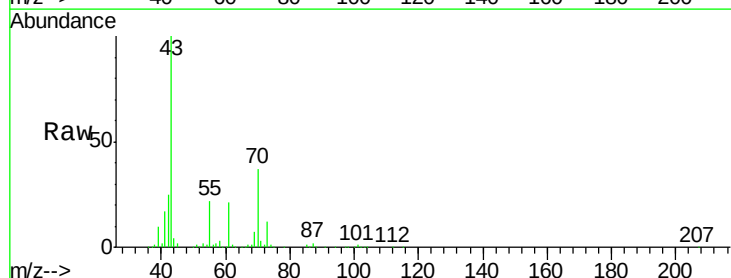
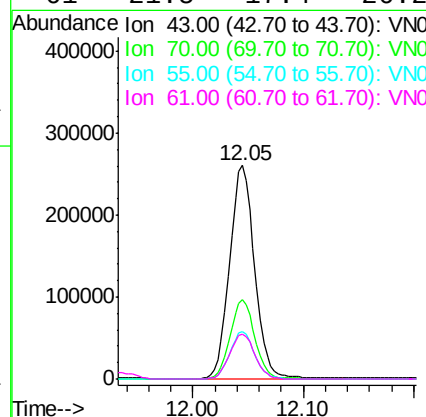
Manual Integrations
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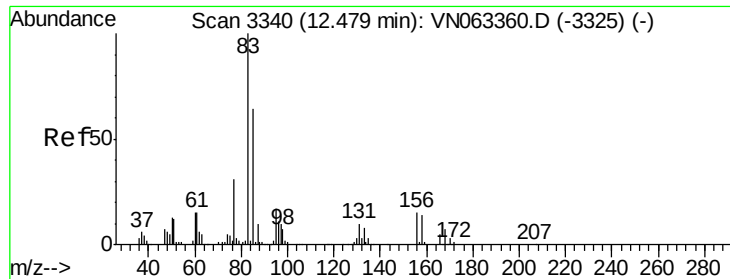
MMDadoda
9/17/2020 1:09:56 PM



#74
N-ethyl acetate
Concen: 49.620 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.6	29.6	44.4
55	22.1	17.7	26.5
61	21.5	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.101 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

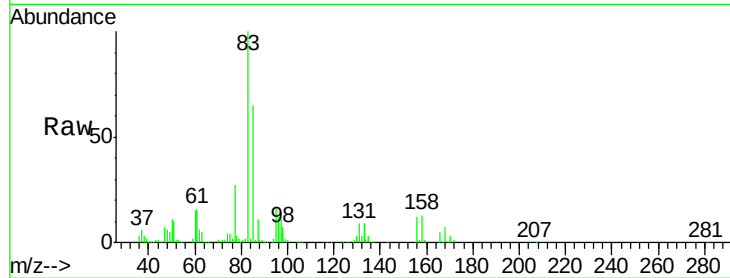
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	260258
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	64.1	32.0	96.0

Manual Integrations
APPROVED

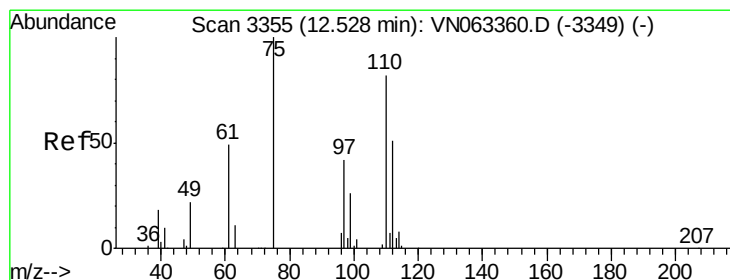
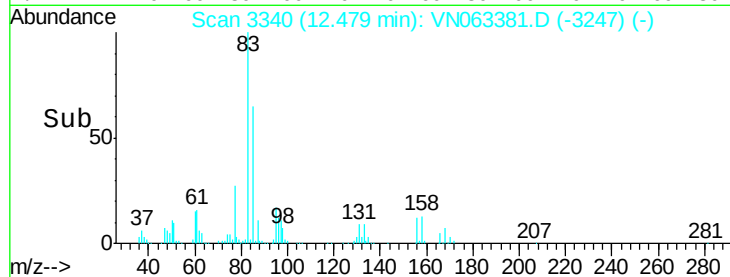
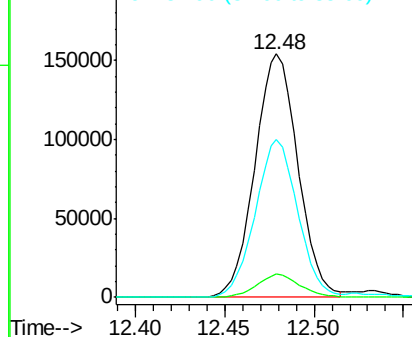
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Abundance Ion 82.90 (82.60 to 83.60): VN063381.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063381.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063381.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 44.605 ug/l m

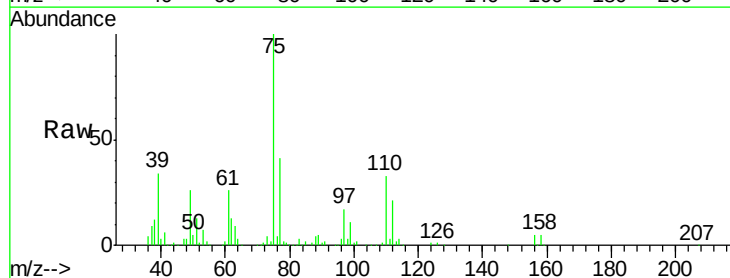
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063381.D

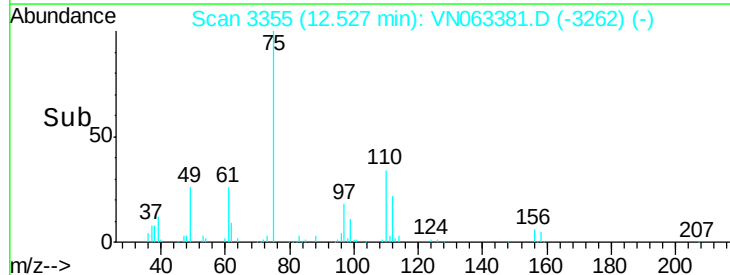
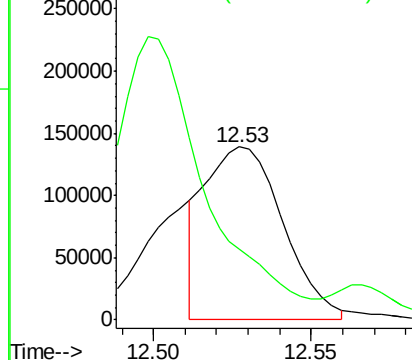
Acq: 16 Sep 2020 22:17

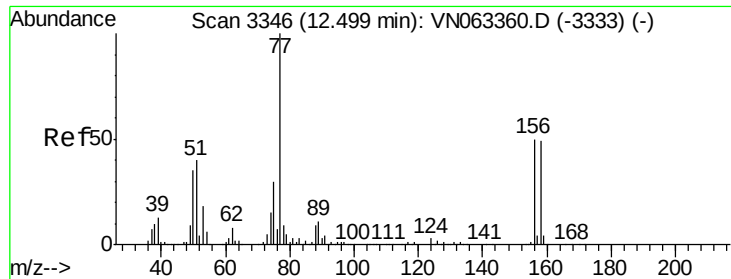
Tgt Ion:	75	Resp:	240752
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063381.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063381.D (-3262) (-)





#77

Bromobenzene

Concen: 50.649 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

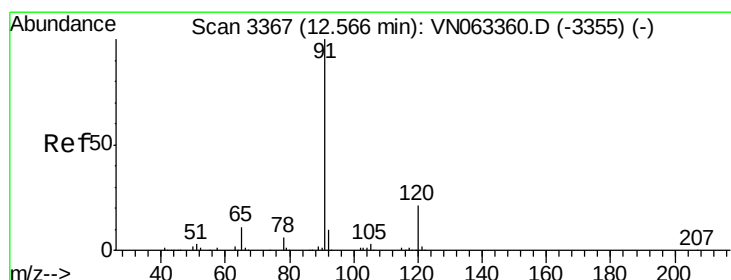
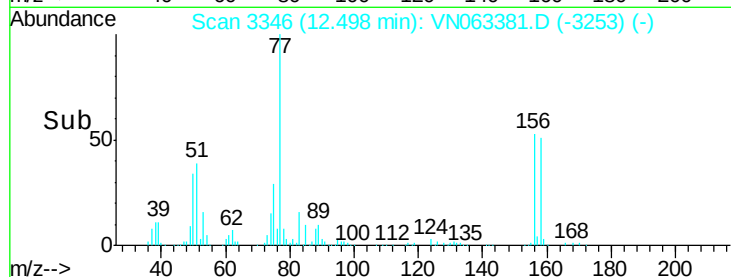
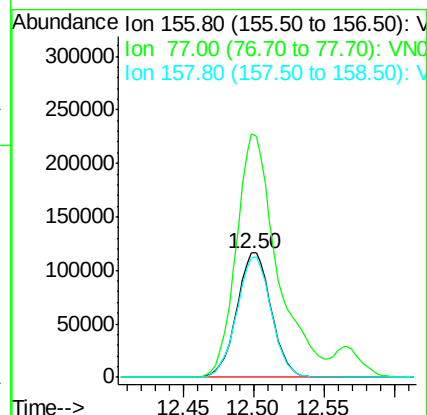
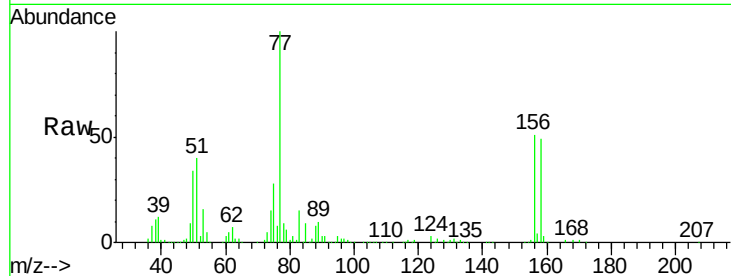
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	199089
Ion Ratio	Lower	Upper	
156	100		
77	232.1	120.2	360.6
158	96.4	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.928 ug/l

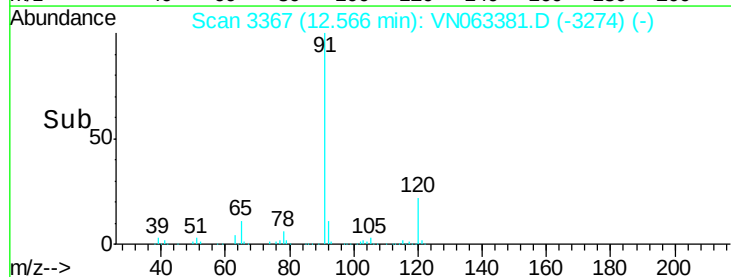
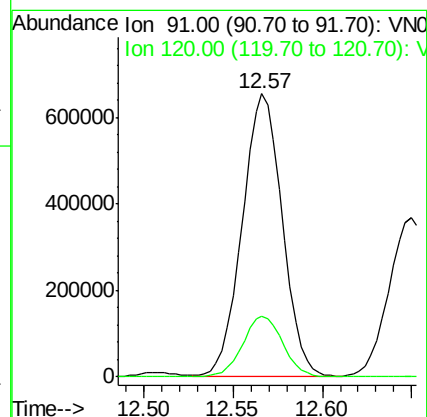
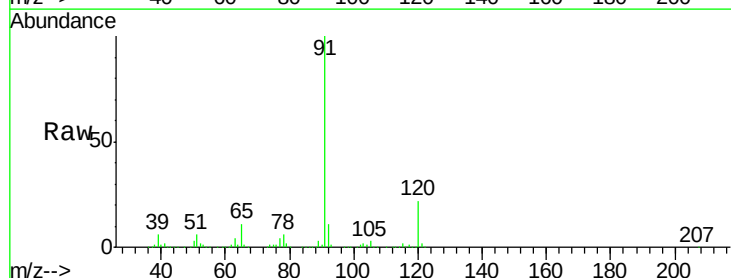
RT: 12.57 min Scan# 3367

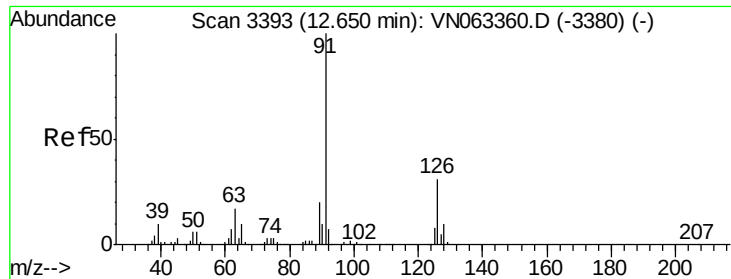
Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Tgt Ion:	91	Resp:	1016176
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.3





#79

2-Chlorotoluene

Concen: 49.652 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 605774

Ion Ratio Lower Upper

91 100

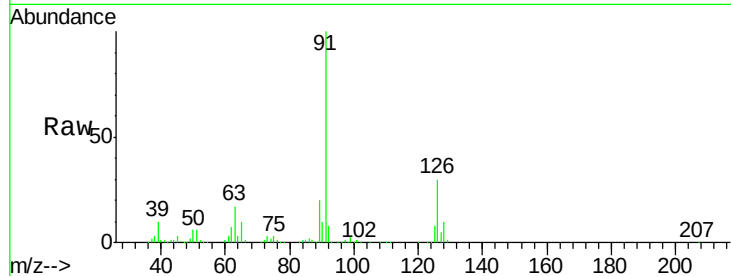
126 30.6 15.8 47.3

Manual Integrations

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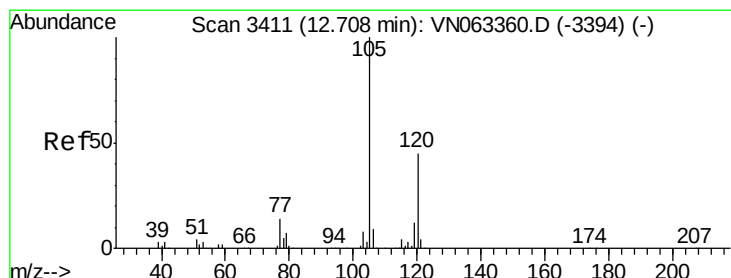
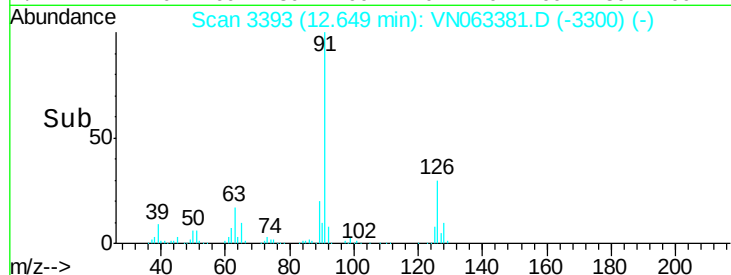
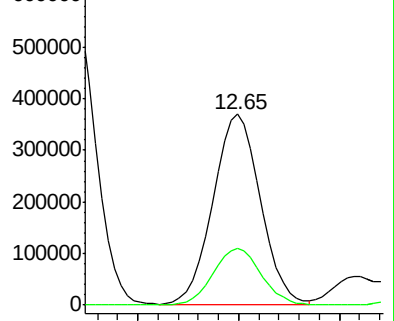
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Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.411 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063381.D

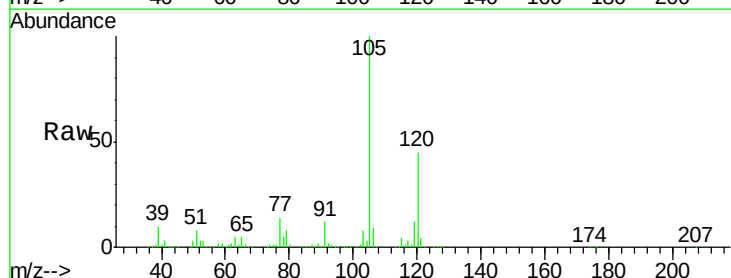
Acq: 16 Sep 2020 22:17

Tgt Ion: 105 Resp: 734569

Ion Ratio Lower Upper

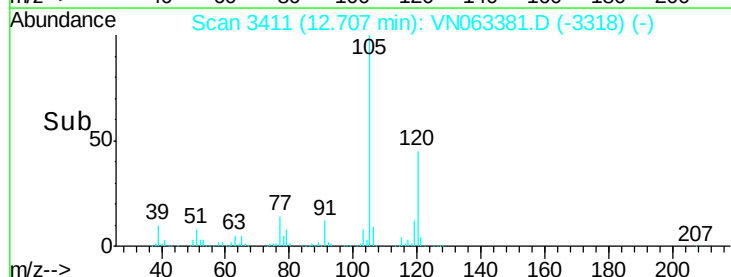
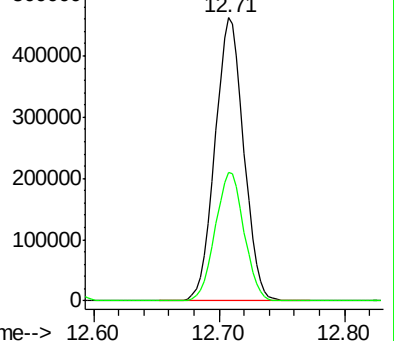
105 100

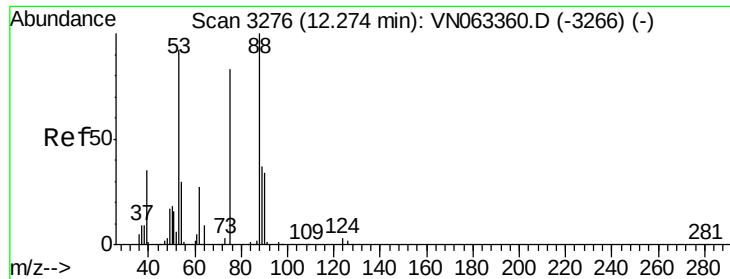
120 45.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.979 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

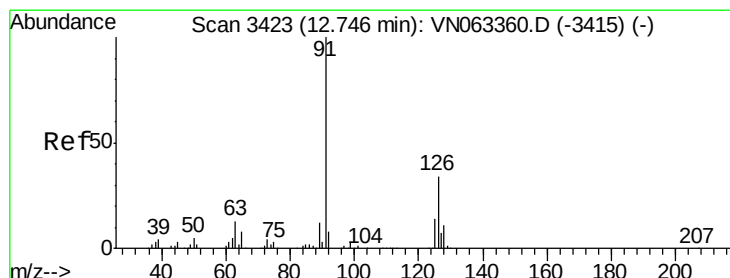
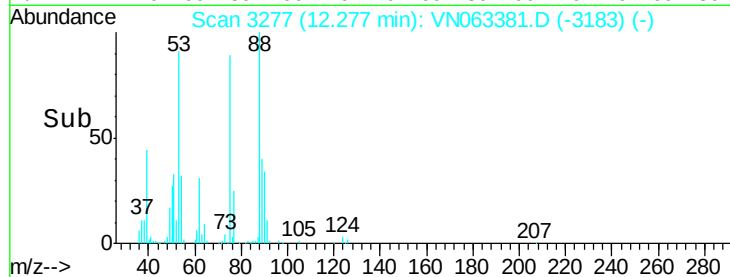
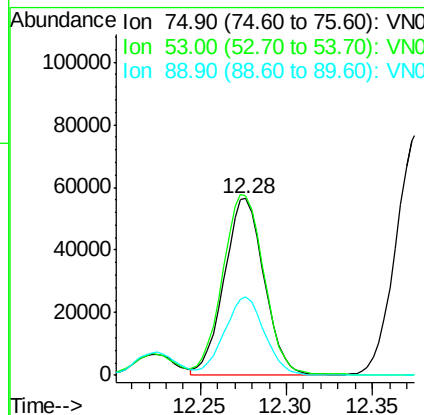
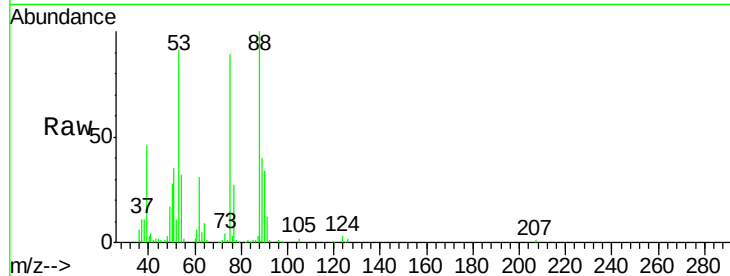
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	90518
Ion	Ratio	Lower	Upper
75	100		
53	107.4	85.7	128.5
89	45.4	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.146 ug/l

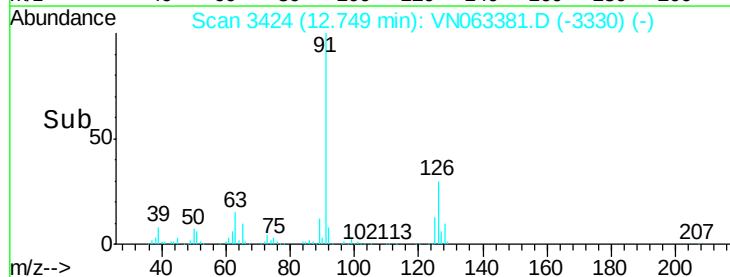
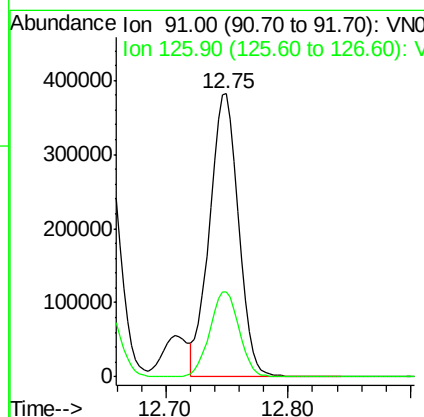
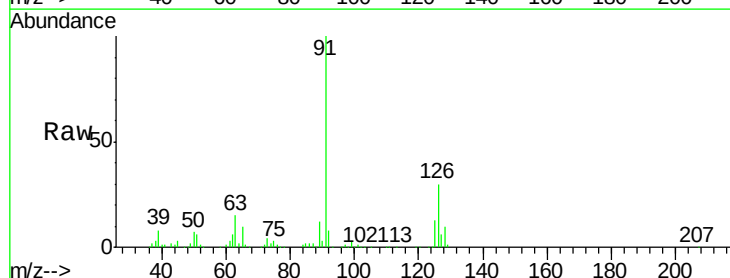
RT: 12.75 min Scan# 3424

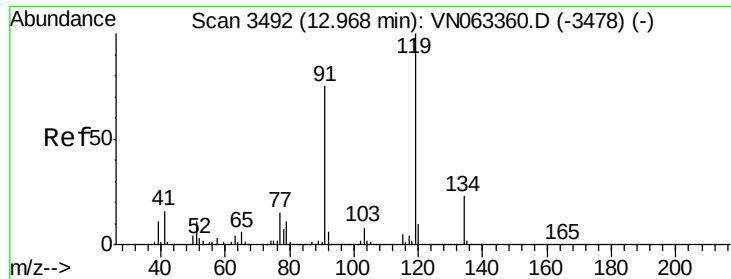
Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Tgt Ion:	91	Resp:	633535
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.5	46.5





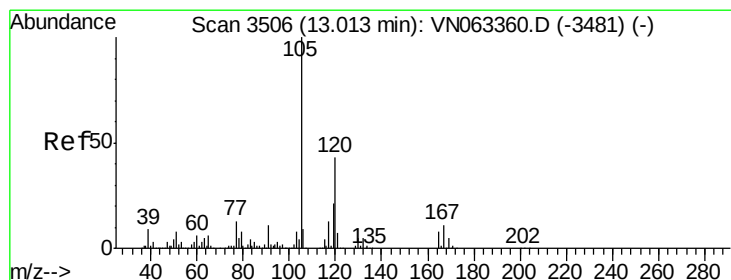
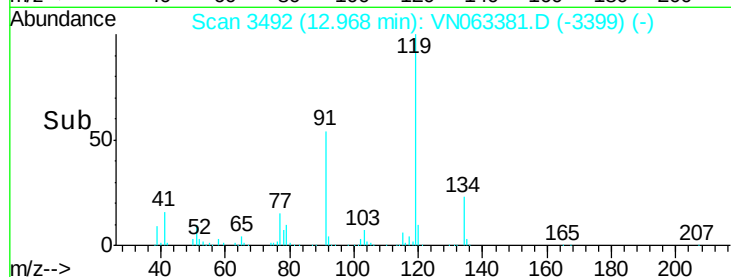
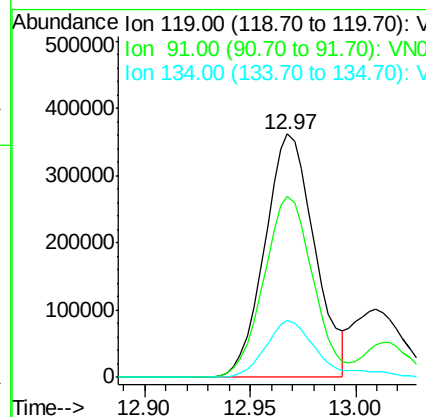
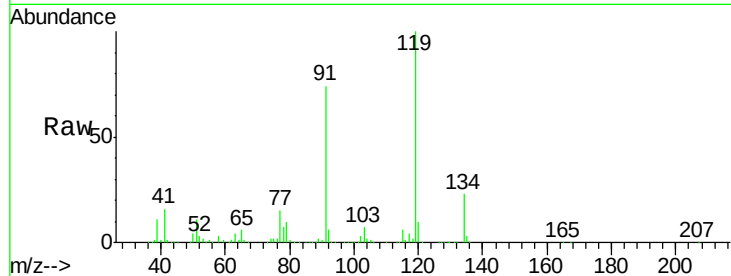
#83
 tert-Butylbenzene
 Concen: 49.404 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	73.2	36.3	108.9
134	25.0	12.3	36.8

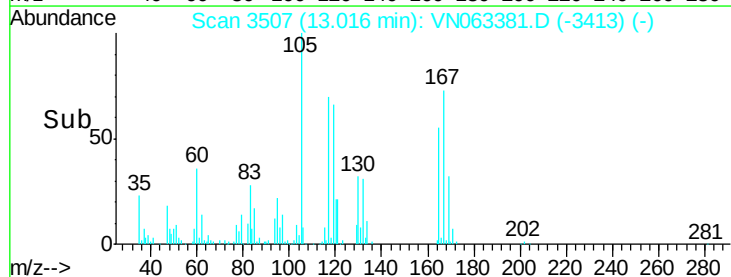
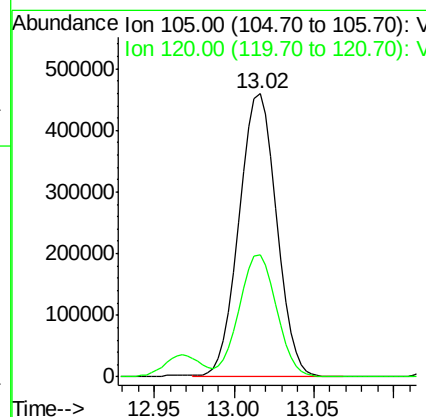
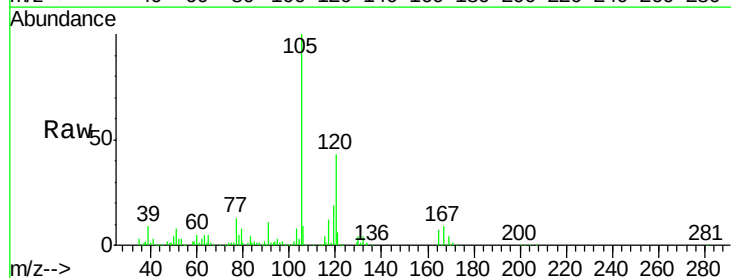
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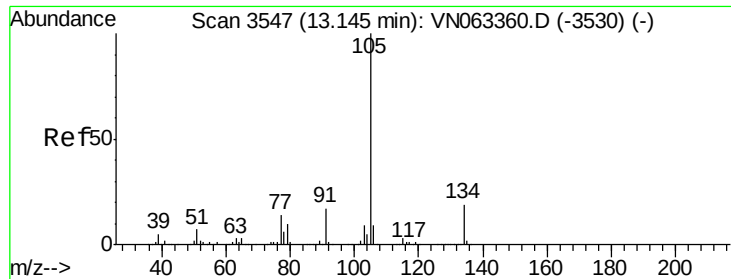
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.663 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.3	63.9





#85

sec-Butylbenzene

Concen: 49.325 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 794043

Ion Ratio Lower Upper

105 100

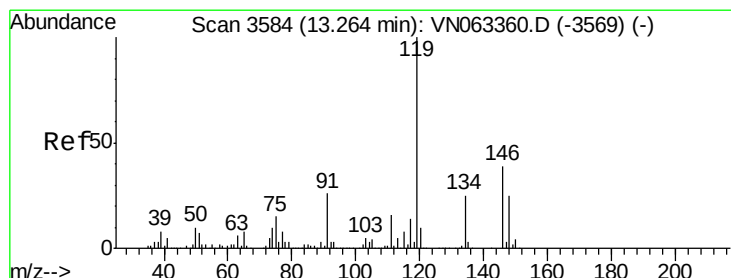
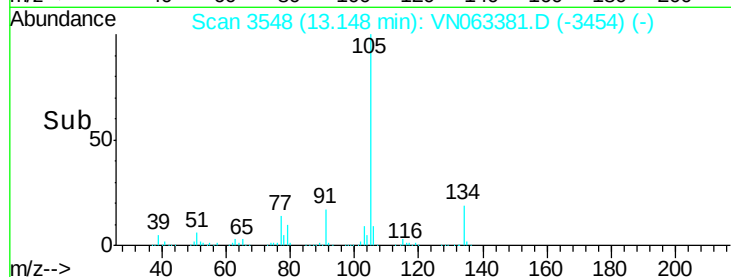
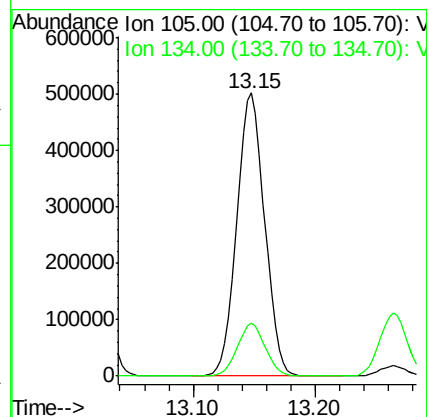
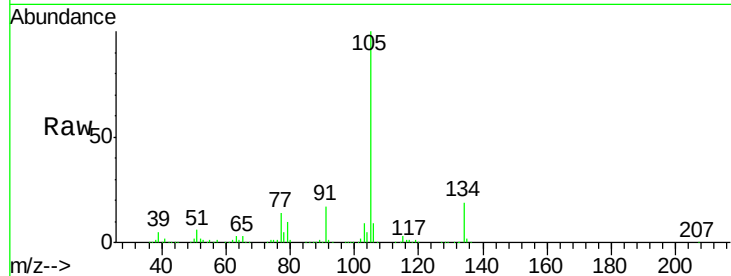
134 18.7 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.739 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

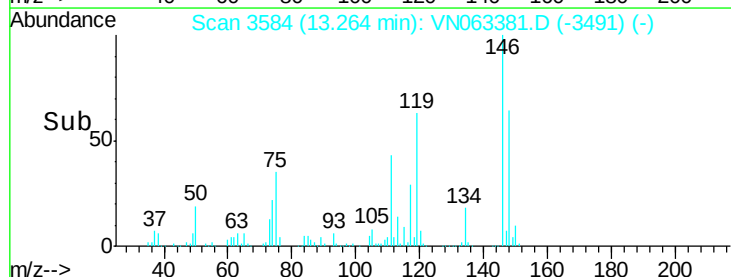
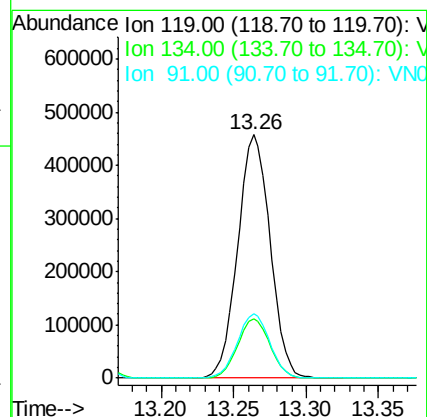
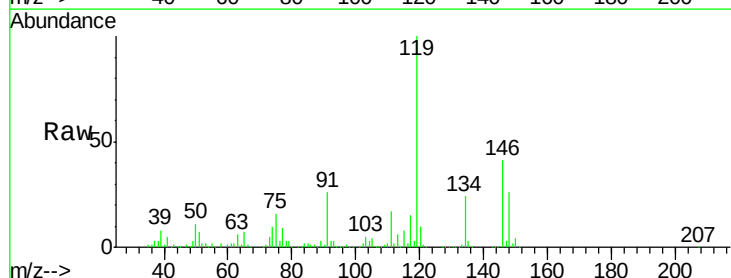
Tgt Ion:119 Resp: 706241

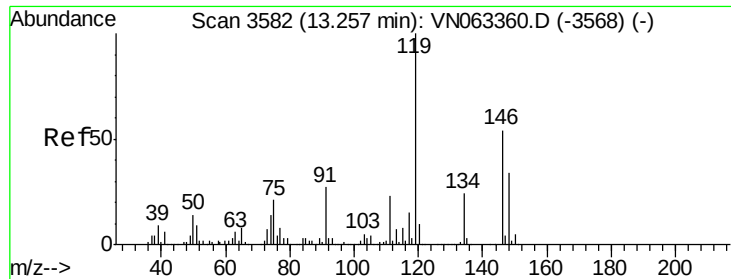
Ion Ratio Lower Upper

119 100

134 24.6 12.5 37.5

91 26.7 13.4 40.1





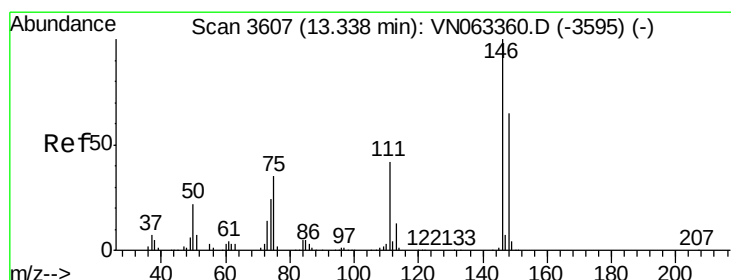
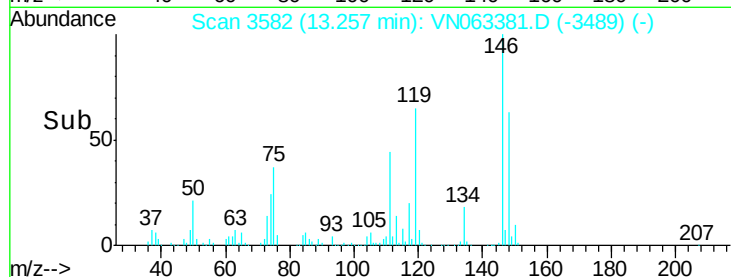
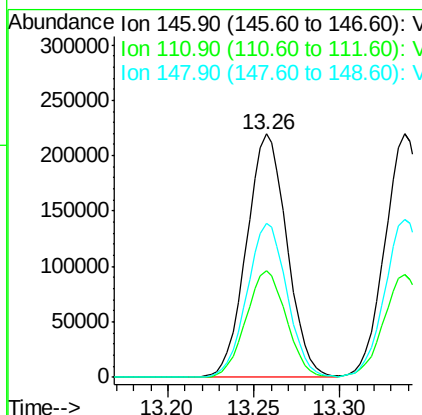
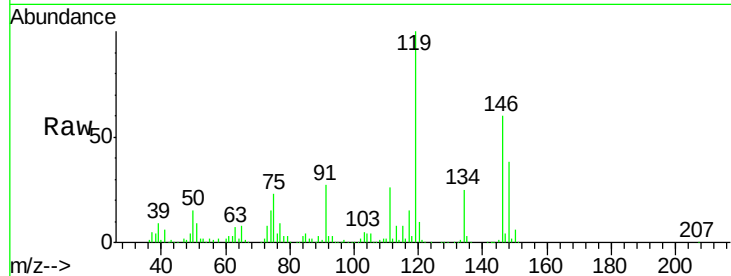
#87
 1,3-Dichlorobenzene
 Concen: 49.094 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.3
148	62.6	31.9	95.7

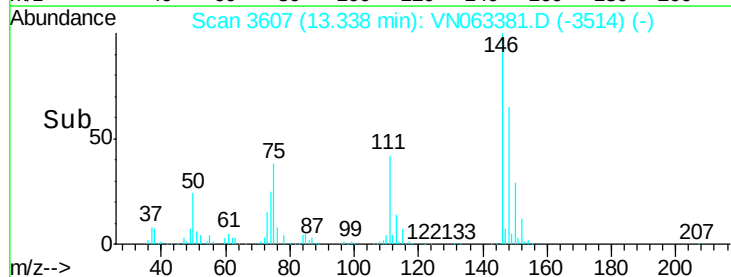
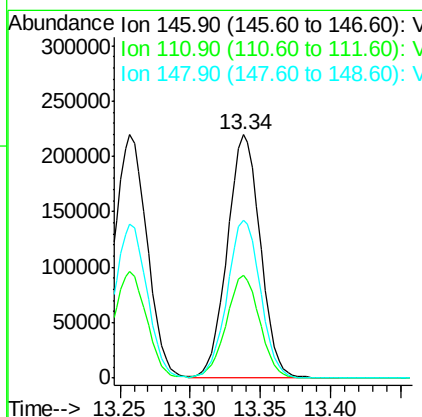
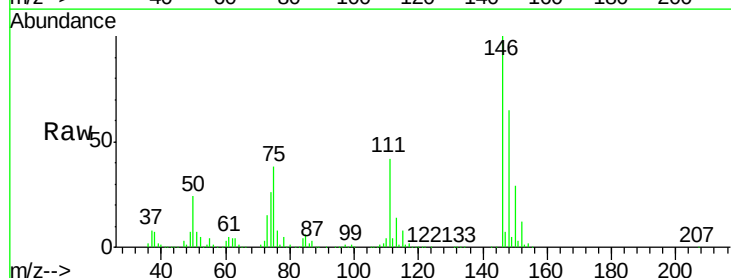
Manual Integrations
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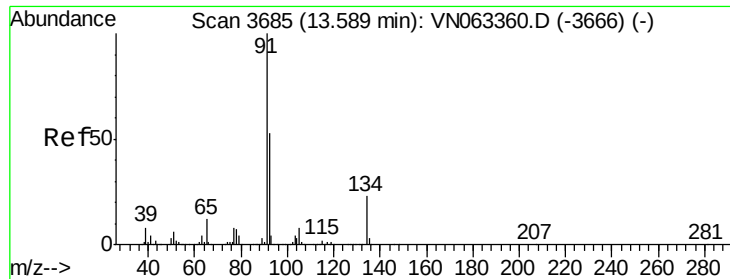
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#88
 1,4-Dichlorobenzene
 Concen: 48.565 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.2	63.6
148	64.9	31.9	95.9





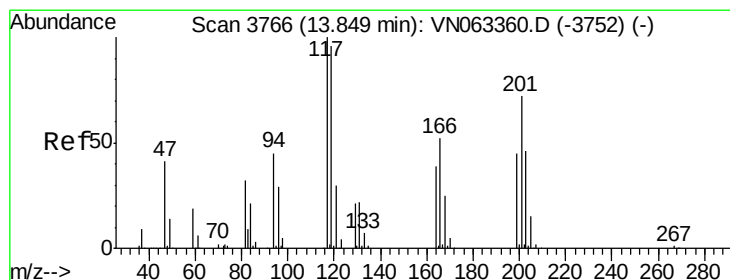
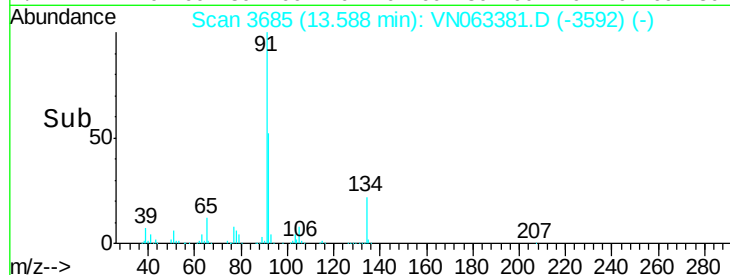
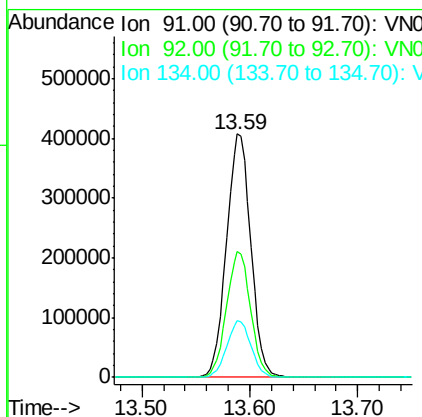
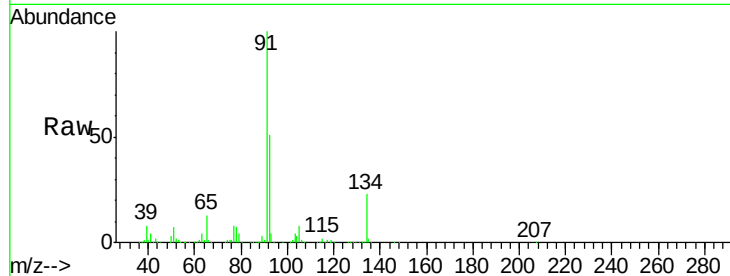
#89
n-Butylbenzene
Concen: 48.932 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.0	78.0
134	23.2	11.7	35.0

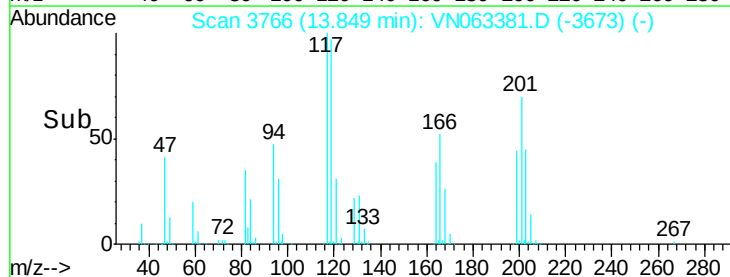
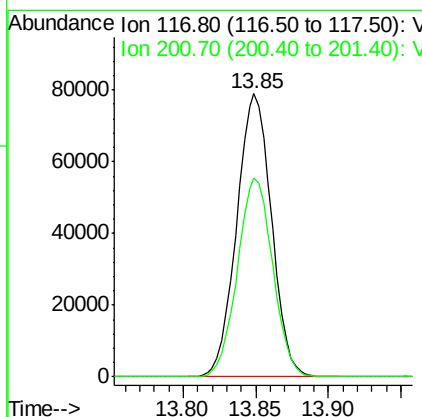
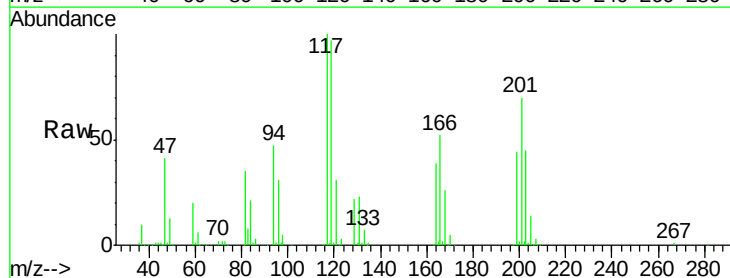
Manual Integrations
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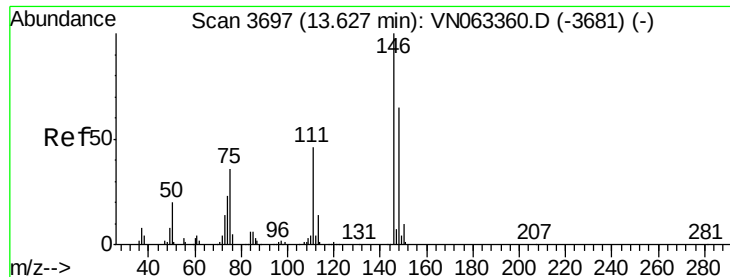
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#90
Hexachloroethane
Concen: 48.695 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.1	35.5	106.7





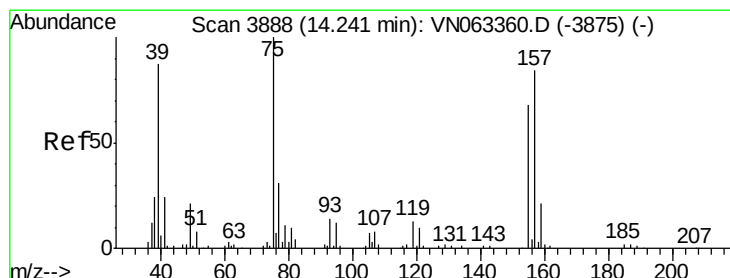
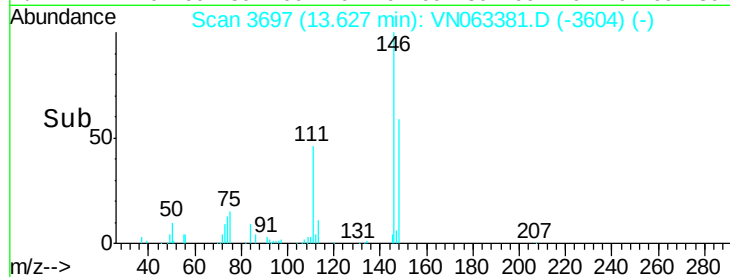
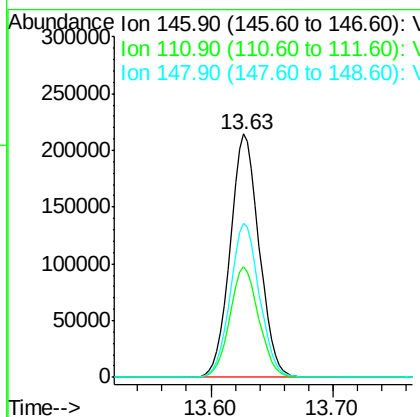
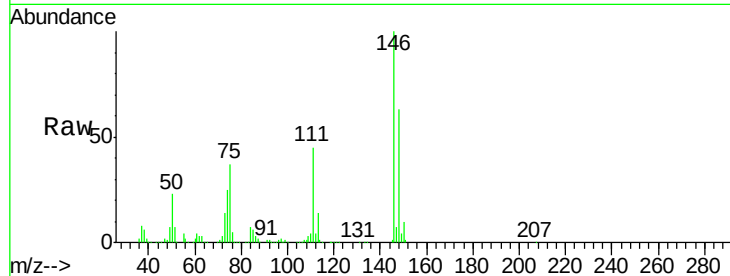
#91
 1,2-Dichlorobenzene
 Concen: 49.636 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.4	67.2
148	63.7	32.0	96.0

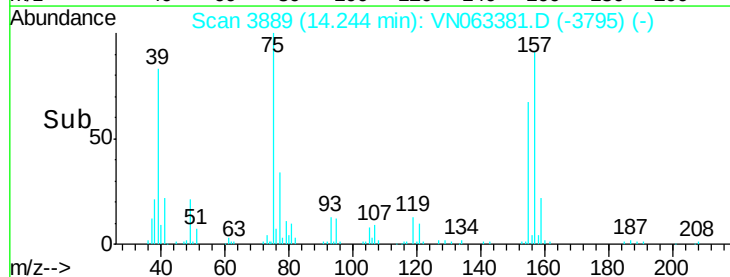
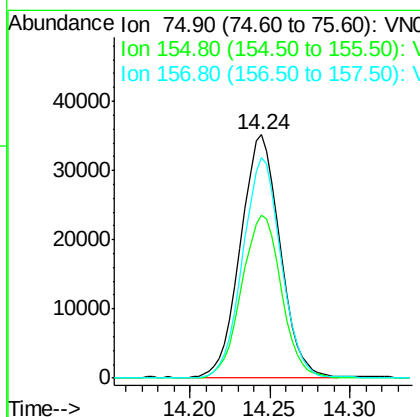
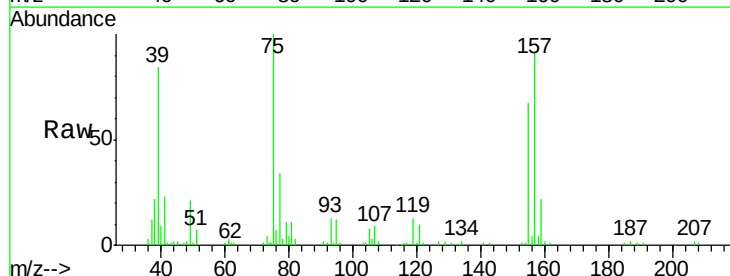
Manual Integrations
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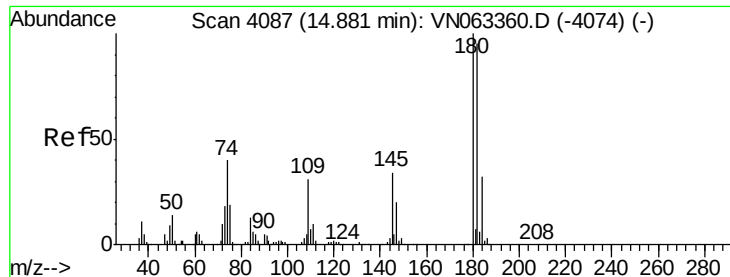
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.420 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.7	34.6	103.9
157	87.6	43.7	131.1





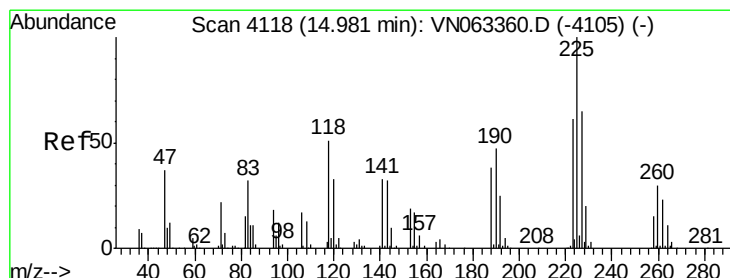
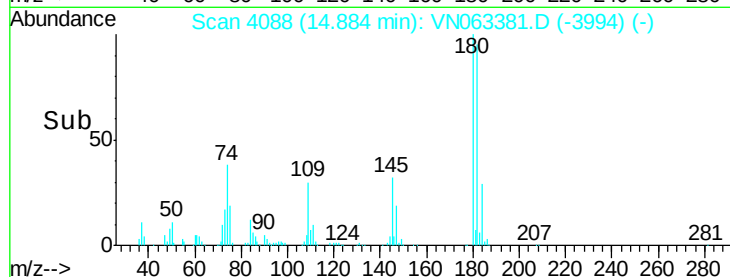
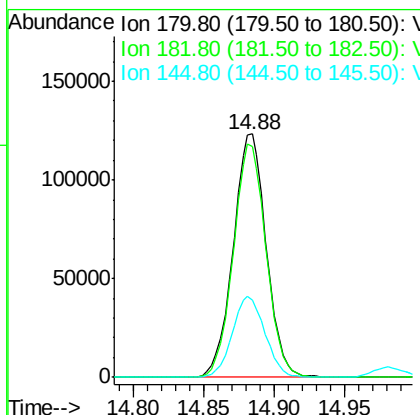
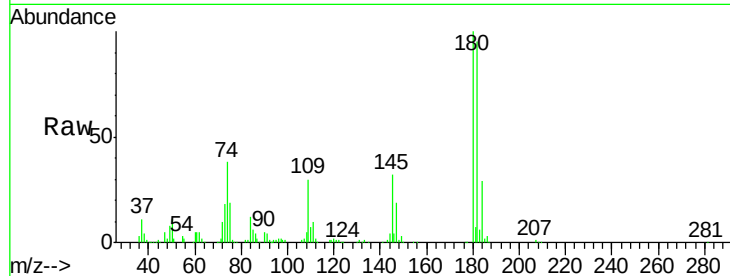
#93
 1,2,4-Trichlorobenzene
 Concen: 47.884 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	201918		
182	95.0	47.3	142.0	
145	33.0	16.6	49.7	

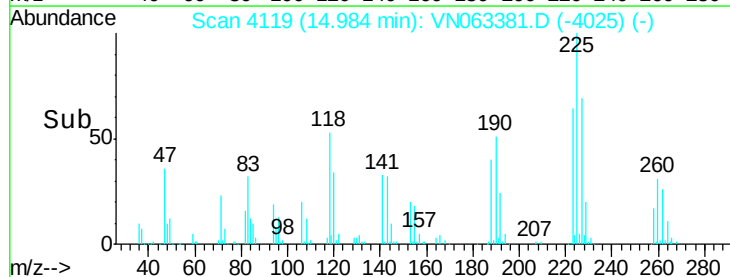
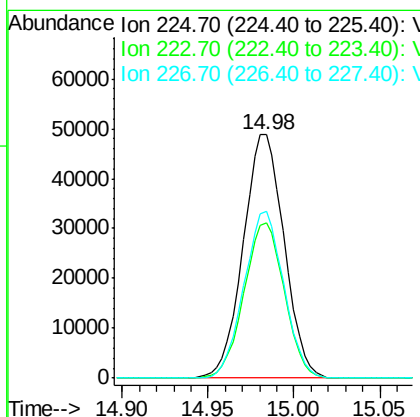
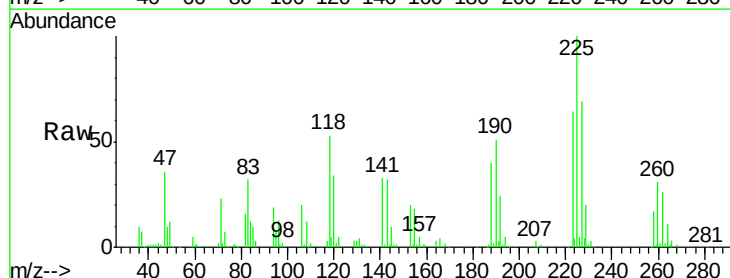
Manual Integrations
 APPROVED

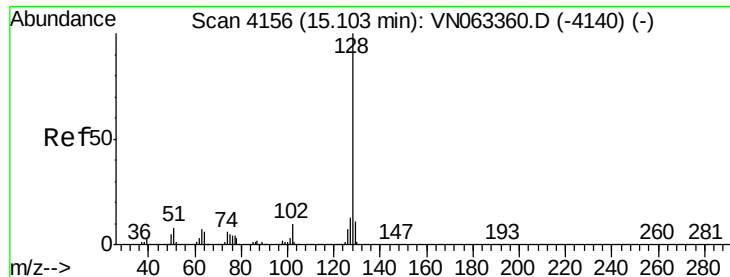
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 46.188 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80631		
223	62.6	30.6	91.6	
227	66.4	31.2	93.6	





#95

Naphthalene

Concen: 47.377 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

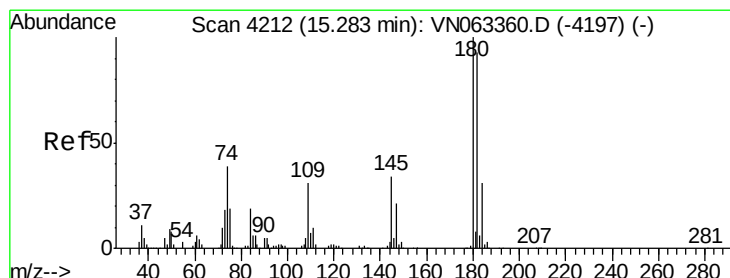
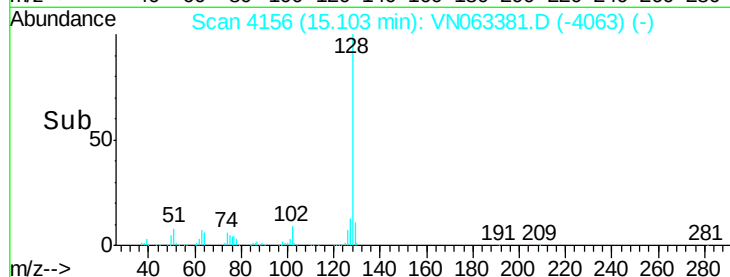
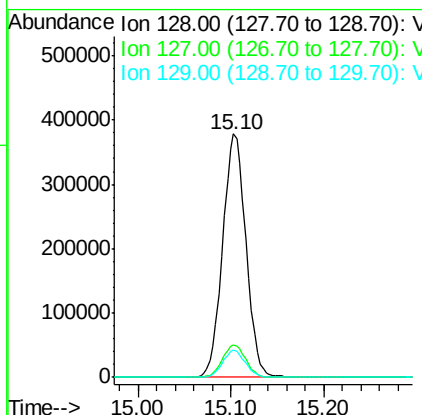
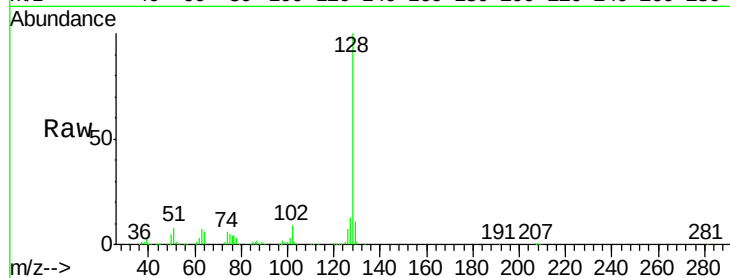
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	660034
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
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#96

1,2,3-Trichlorobenzene

Concen: 46.302 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Tgt Ion:	180	Resp:	188650
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.7	140.1
145	35.6	16.8	50.3

