

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063406.D
 Acq On : 17 Sep 2020 8:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:44:18 PM

Quant Time: Sep 17 08:59:58 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	7.62	168	269977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	462489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	229293	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.55	113	157694	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
50) Toluene-d8	10.06	98	615594	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.38	95	232656	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	148576	48.577	ug/l	99
3) Chloromethane	2.04	50	193519	47.827	ug/l	99
4) Vinyl Chloride	2.16	62	186899	52.136	ug/l	100
5) Bromomethane	2.53	94	107387	50.453	ug/l	98
6) Chloroethane	2.67	64	108698	49.396	ug/l	97
7) Trichlorofluoromethane	2.98	101	275420	51.494	ug/l	96
8) Diethyl Ether	3.37	74	106827	51.235	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142616	47.414	ug/l	98
10) Methyl Iodide	3.91	142	197180	50.351	ug/l	99
11) Tert butyl alcohol	4.72	59	154661	242.922	ug/l	100
12) 1,1-Dichloroethene	3.70	96	150085	49.262	ug/l	96
13) Acrolein	3.57	56	60610	256.886	ug/l	97
14) Allyl chloride	4.28	41	257928	42.800	ug/l	91
15) Acrylonitrile	4.93	53	425580	262.788	ug/l	99
16) Acetone	3.77	43	383494	259.646	ug/l	100
17) Carbon Disulfide	4.01	76	427532	48.243	ug/l	100
18) Methyl Acetate	4.28	43	201399	53.713	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	562100	49.502	ug/l	97
20) Methylene Chloride	4.50	84	179883	48.070	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	164082	48.610	ug/l	99
22) Diisopropyl ether	5.90	45	610479	49.670	ug/l	99
23) Vinyl Acetate	5.84	43	2573701	254.975	ug/l	100
24) 1,1-Dichloroethane	5.80	63	333600	49.716	ug/l	99
25) 2-Butanone	6.78	43	592666	260.905	ug/l	98
26) 2,2-Dichloropropane	6.77	77	185374	31.377	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	190691	49.911	ug/l	98
28) Bromochloromethane	7.15	49	151122	48.776	ug/l	100
29) Tetrahydrofuran	7.16	42	395597	254.988	ug/l	99
30) Chloroform	7.33	83	335201	49.791	ug/l	100
31) Cyclohexane	7.61	56	287000	45.217	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	297241	49.641	ug/l	100
36) 1,1-Dichloropropene	7.75	75	244329	46.136	ug/l	99
37) Ethyl Acetate	6.88	43	257695	49.579	ug/l	99
38) Carbon Tetrachloride	7.74	117	256771	47.497	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	251804	43.809	ug/l	99
40) Benzene	8.00	78	716503	47.395	ug/l	98
41) Methacrylonitrile	7.13	41	115910	49.582	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	290201	47.733	ug/l	100
43) Isopropyl Acetate	8.13	43	446004	47.988	ug/l #	90
44) Trichloroethene	8.80	130	173587	47.341	ug/l	100
45) 1,2-Dichloropropane	9.08	63	198608	48.236	ug/l	100
46) Dibromomethane	9.17	93	132738	49.049	ug/l	99
47) Bromodichloromethane	9.37	83	275578	49.017	ug/l	97
48) Methyl methacrylate	9.17	41	223789	49.010	ug/l	99
49) 1,4-Dioxane	9.16	88	62913	960.097	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1316740	253.068	ug/l	99
52) Toluene	10.13	92	449994	49.508	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	286812	45.697	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	299069	45.174	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	177283	49.104	ug/l	98
56) Ethyl methacrylate	10.40	69	286163	50.773	ug/l	98
57) 1,3-Dichloropropane	10.68	76	312578	48.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	694724	234.973	ug/l	99
59) 2-Hexanone	10.72	43	954382	253.185	ug/l	98
60) Dibromochloromethane	10.87	129	199339	48.873	ug/l	100
61) 1,2-Dibromoethane	10.98	107	186295	49.667	ug/l	98
64) Tetrachloroethene	10.60	164	152677	48.481	ug/l	97
65) Chlorobenzene	11.41	112	468159	47.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	175033	48.638	ug/l	100
67) Ethyl Benzene	11.48	91	880487	47.625	ug/l	100
68) m/p-Xylenes	11.59	106	641352	96.215	ug/l	99
69) o-Xylene	11.92	106	308555	48.592	ug/l	99
70) Styrene	11.94	104	537938	50.517	ug/l	99
71) Bromoform	12.10	173	132501	49.424	ug/l #	97
73) Isopropylbenzene	12.23	105	843550	48.444	ug/l	100
74) N-amyl acetate	12.05	43	406937	49.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	261242	48.453	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	243428m	45.260	ug/l	
77) Bromobenzene	12.50	156	193984	49.524	ug/l	97
78) n-propylbenzene	12.57	91	972153	47.933	ug/l	100
79) 2-Chlorotoluene	12.65	91	593380	48.807	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	701146	48.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	81697	41.645	ug/l	100
82) 4-Chlorotoluene	12.75	91	612541	47.685	ug/l	100
83) tert-Butylbenzene	12.97	119	580989	48.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	712523	48.581	ug/l	100
85) sec-Butylbenzene	13.15	105	769964	47.998	ug/l	99
86) p-Isopropyltoluene	13.26	119	673313	47.588	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	350216	48.240	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	356830	48.343	ug/l	99
89) n-Butylbenzene	13.59	91	600599	46.052	ug/l	100
90) Hexachloroethane	13.85	117	128303	47.623	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	343047	48.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61595	47.975	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	188715	44.911	ug/l	100
94) Hexachlorobutadiene	14.98	225	77660	44.643	ug/l	96
95) Naphthalene	15.10	128	658397	47.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	186167	45.853	ug/l	100

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

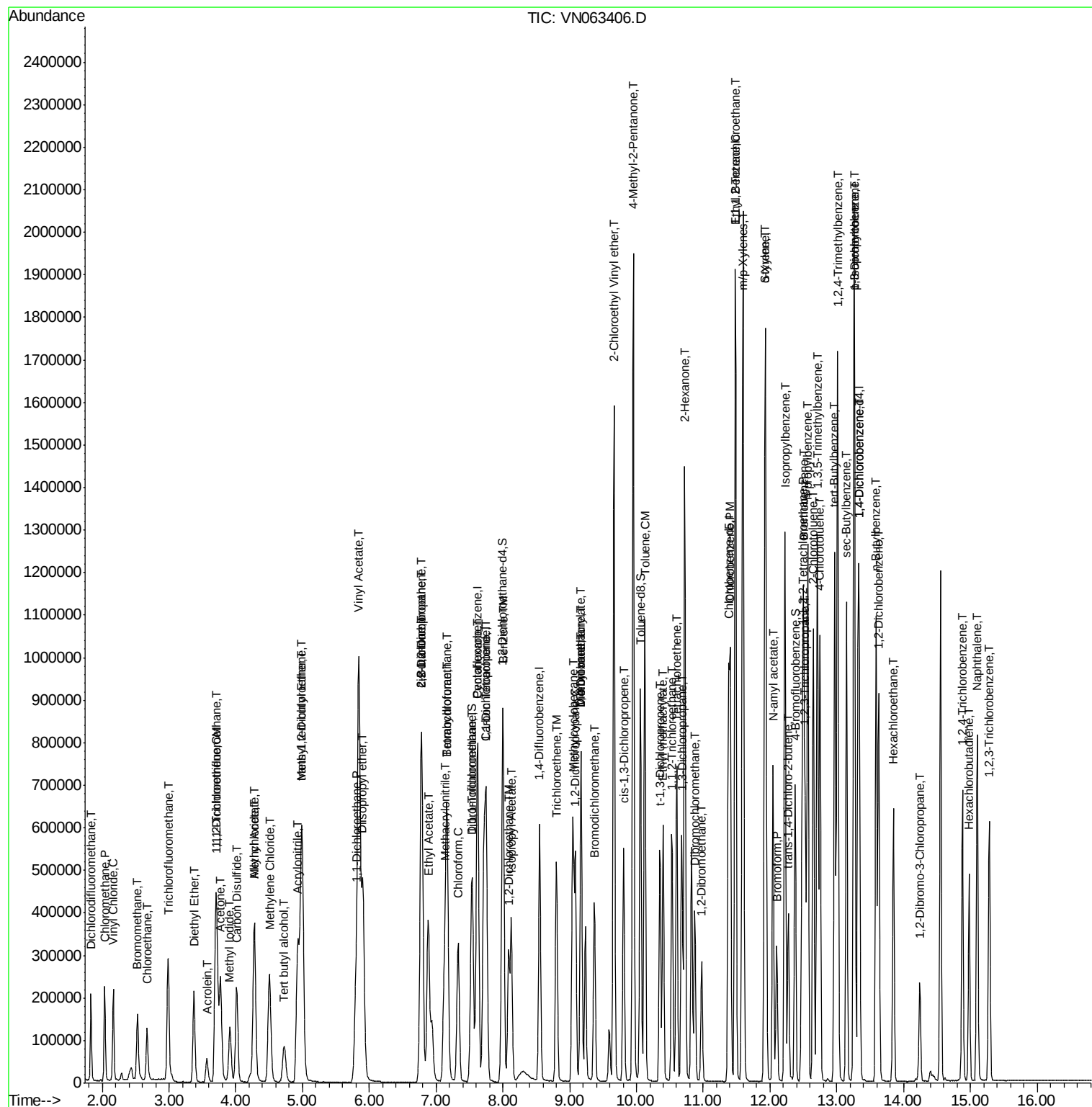
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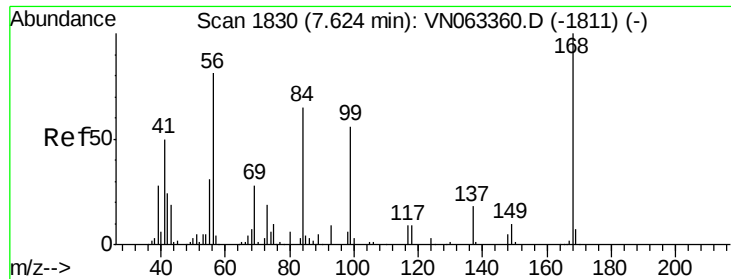
Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 269977

Ion Ratio Lower Upper

168 100

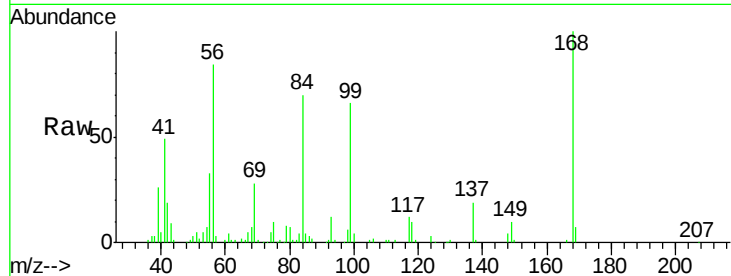
99 65.6 53.0 79.6

Manual Integrations

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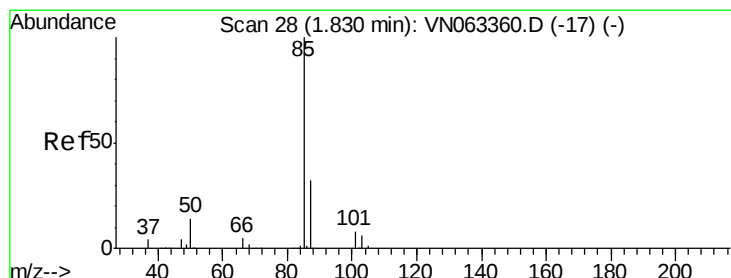
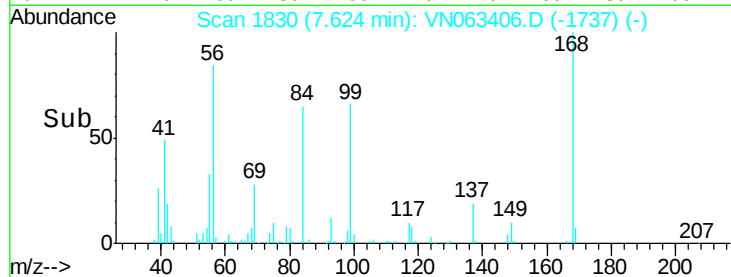
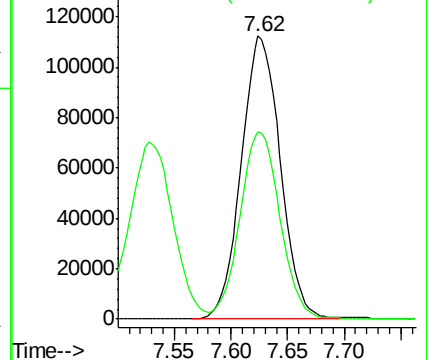
MMDadoda

9/17/2020 1:44:18 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.577 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063406.D

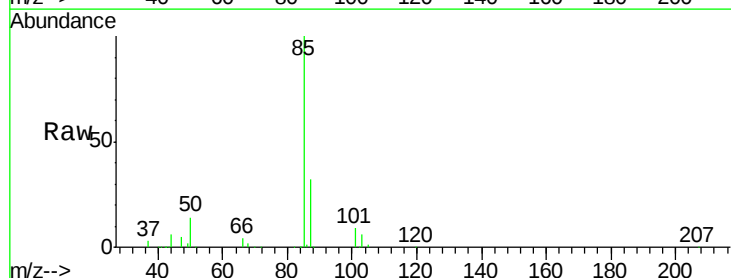
Acq: 17 Sep 2020 8:39

Tgt Ion: 85 Resp: 148576

Ion Ratio Lower Upper

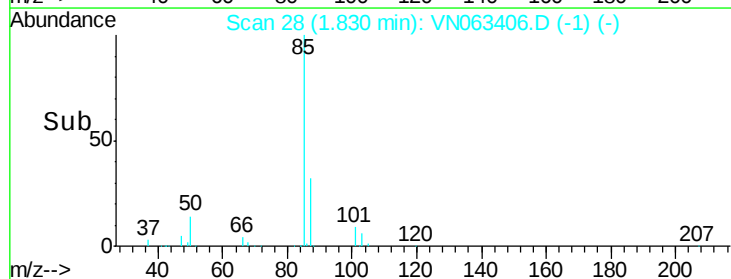
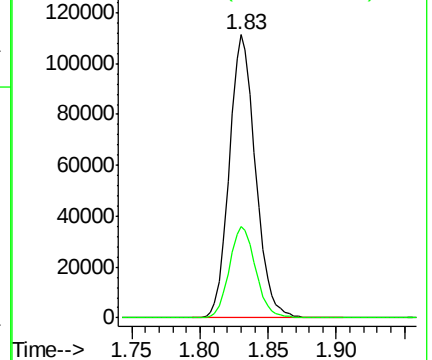
85 100

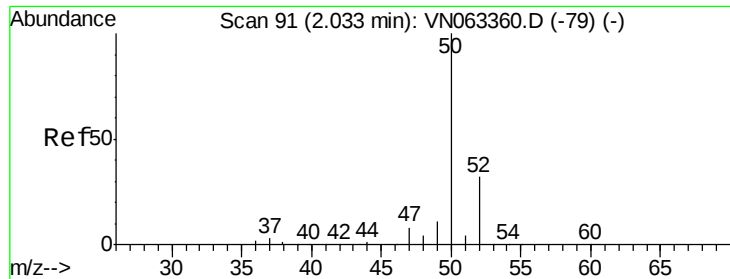
87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.827 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 193519

Ion Ratio Lower Upper

50 100

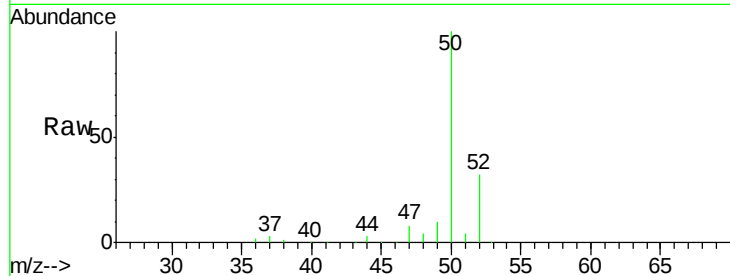
52 31.9 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

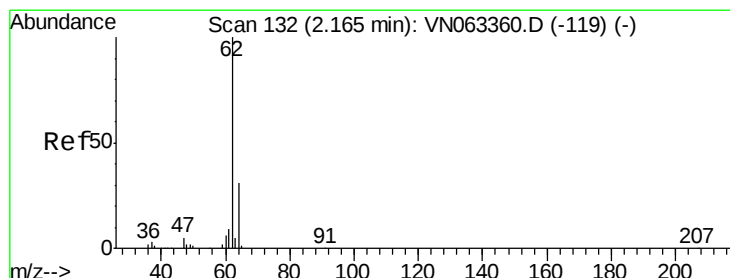
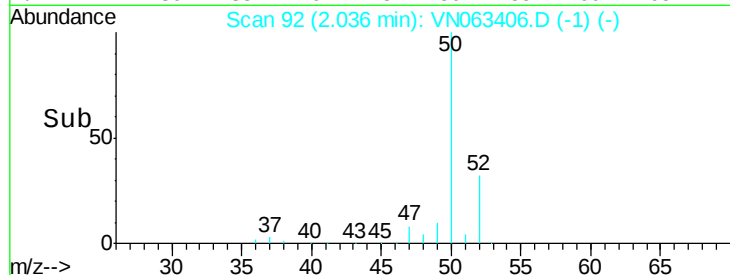
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.136 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063406.D

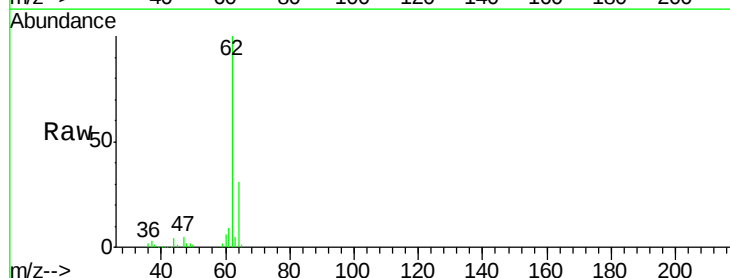
Acq: 17 Sep 2020 8:39

Tgt Ion: 62 Resp: 186899

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

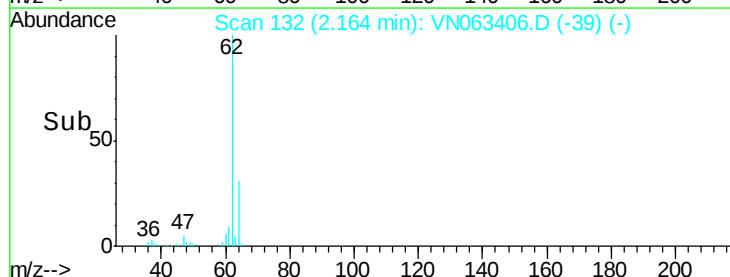
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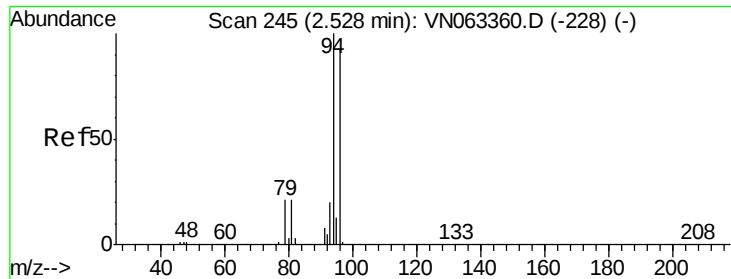
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50000

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Time-->





#5

Bromomethane

Concen: 50.453 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 107387

Ion Ratio Lower Upper

94 100

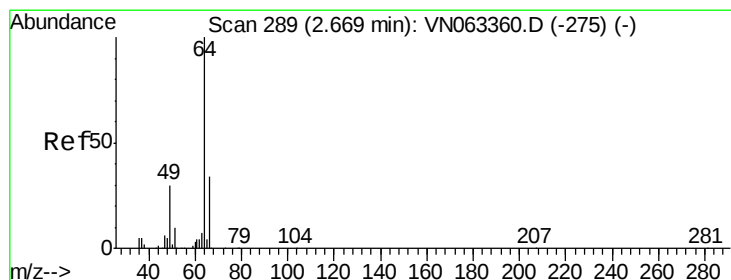
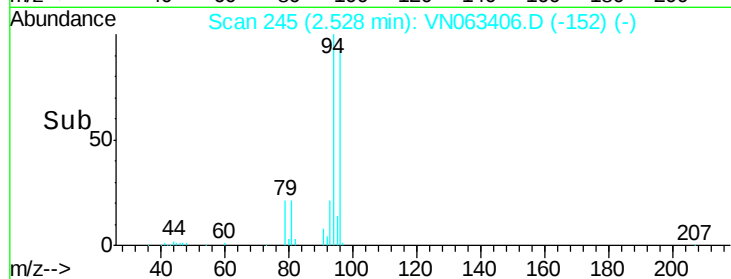
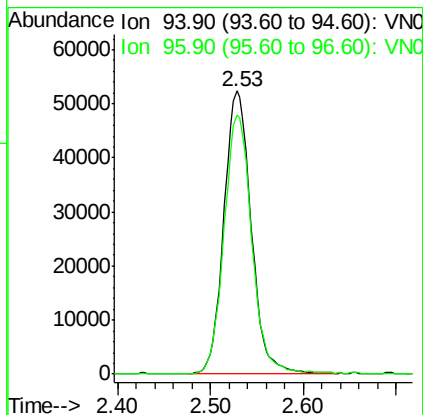
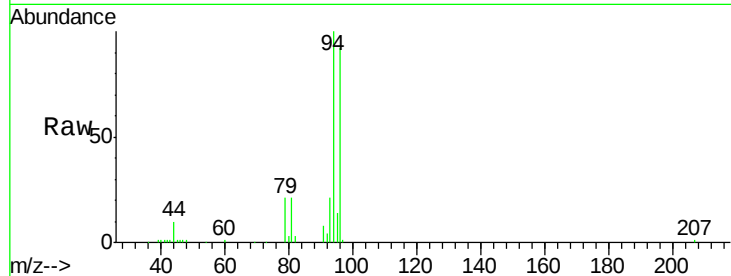
96 91.6 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 49.396 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063406.D

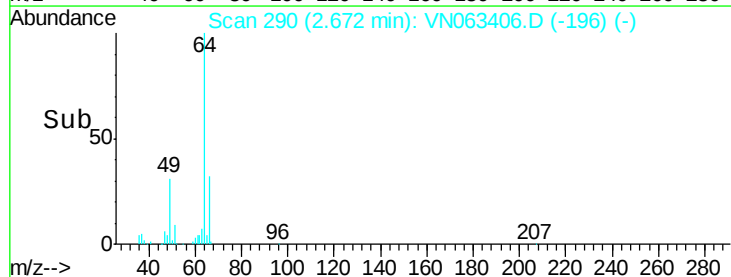
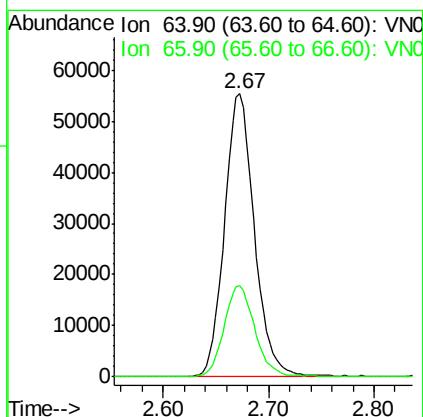
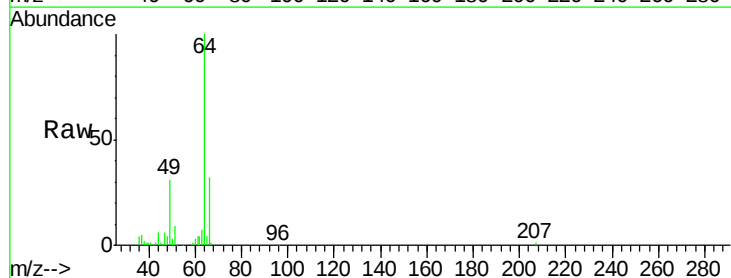
Acq: 17 Sep 2020 8:39

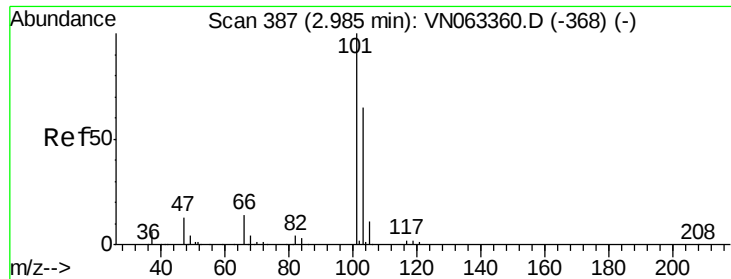
Tgt Ion: 64 Resp: 108698

Ion Ratio Lower Upper

64 100

66 32.1 26.9 40.3





#7

Trichlorofluoromethane

Concen: 51.494 ug/l

RT: 2.98 min Scan# 387

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

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Tot Ion:101 Resp: 275420

Ion Ratio Lower Upper

101 100

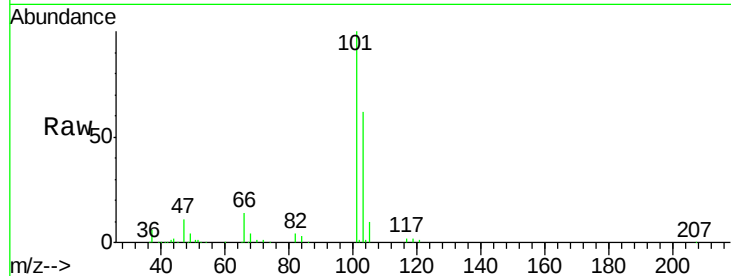
103 62.4 52.3 78.5

Manual Integrations

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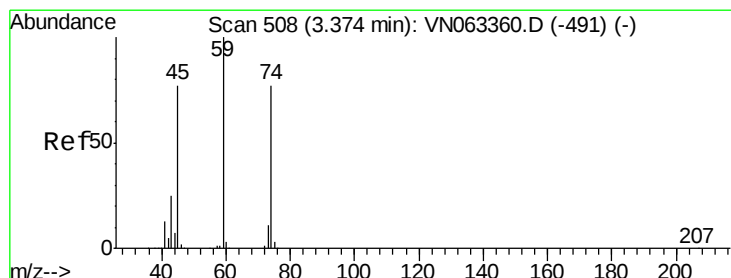
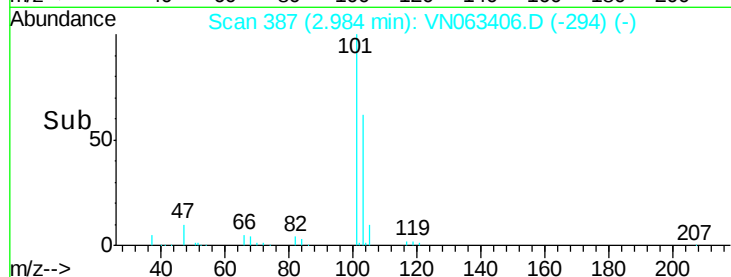
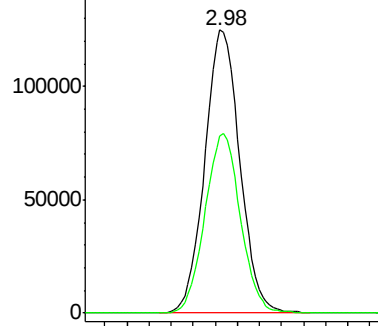
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9/17/2020 1:44:18 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.235 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063406.D

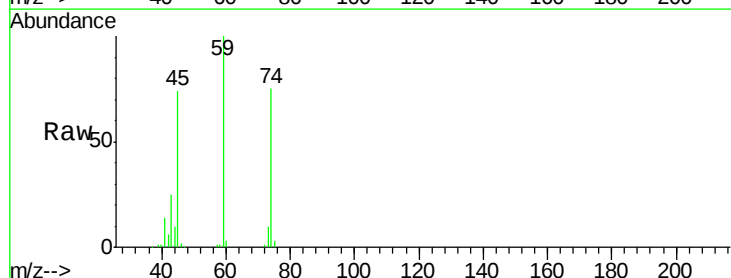
Acq: 17 Sep 2020 8:39

Tgt Ion: 74 Resp: 106827

Ion Ratio Lower Upper

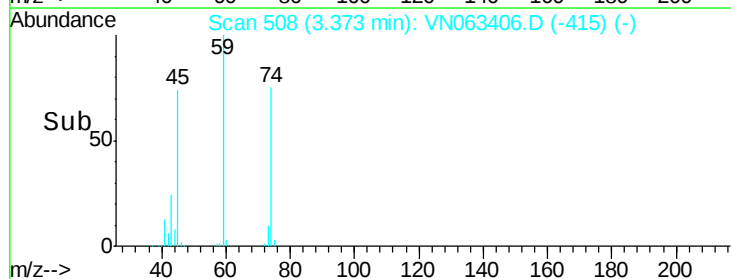
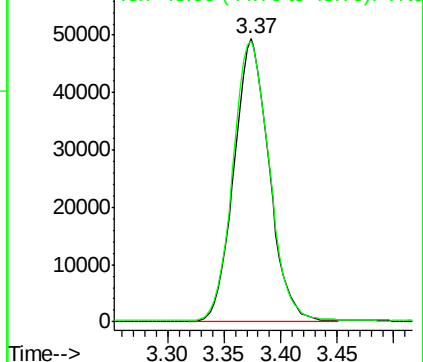
74 100

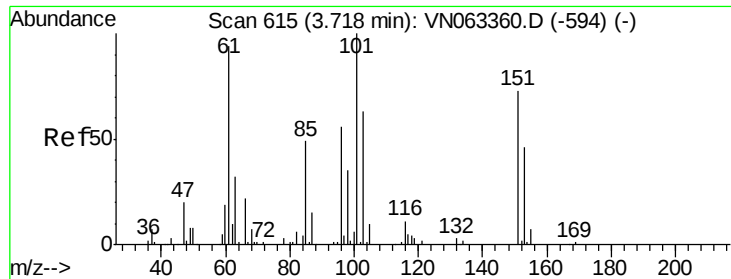
45 102.1 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.414 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

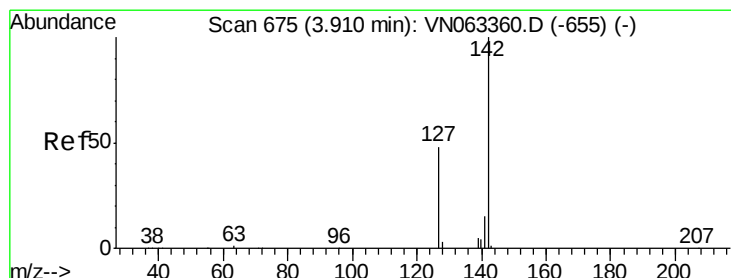
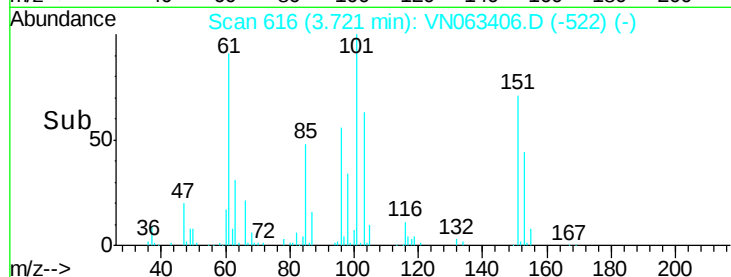
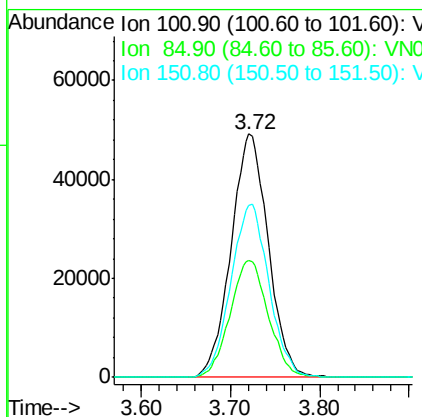
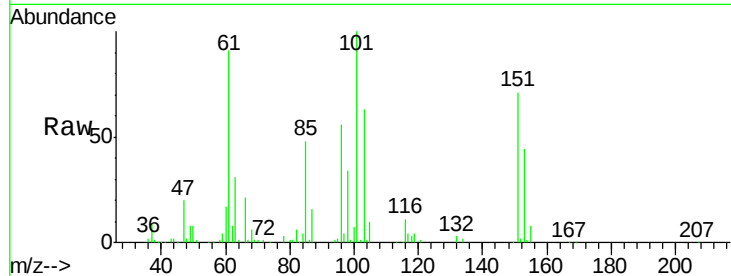
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	142616
Ion Ratio	Lower	Upper	
101	100		
85	49.3	37.7	56.5
151	72.5	57.7	86.5

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#10

Methyl Iodide

Concen: 50.351 ug/l

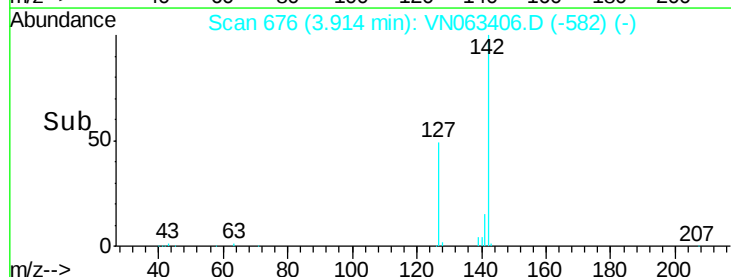
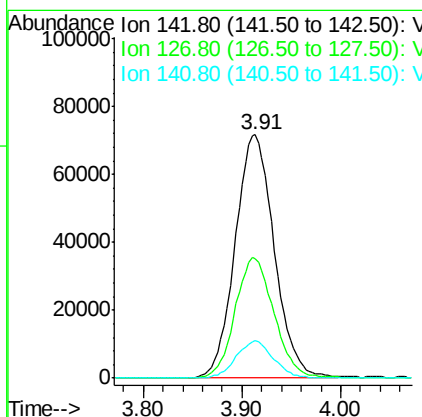
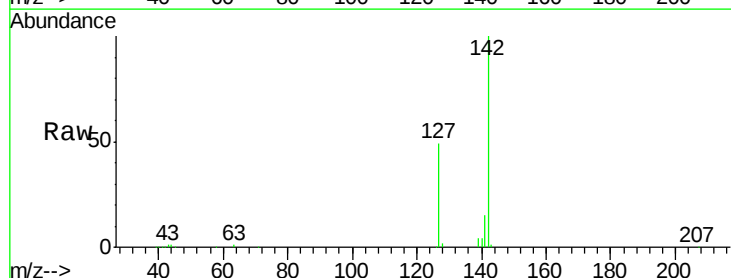
RT: 3.91 min Scan# 676

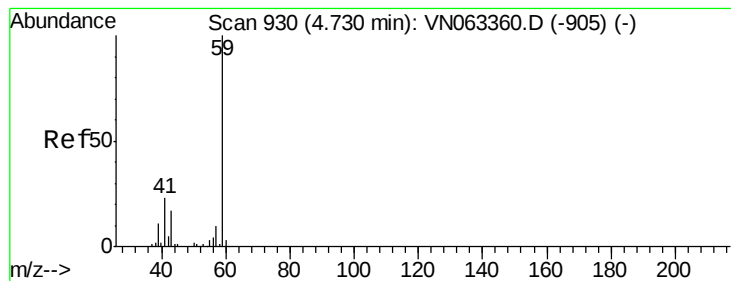
Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Tgt Ion:	142	Resp:	197180
Ion Ratio	Lower	Upper	
142	100		
127	49.4	39.0	58.6
141	14.5	11.6	17.4





#11

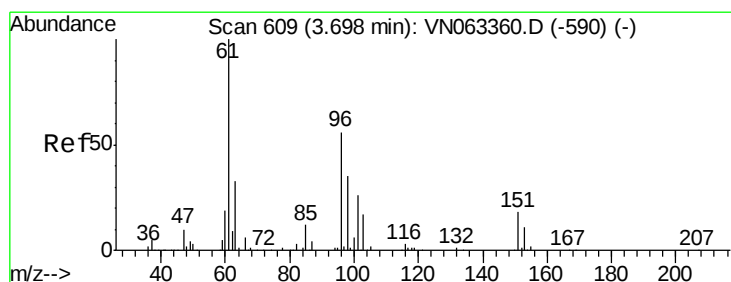
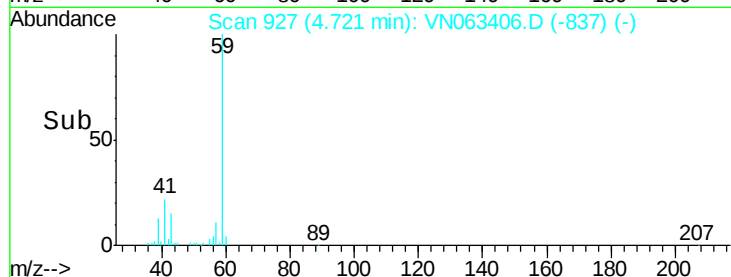
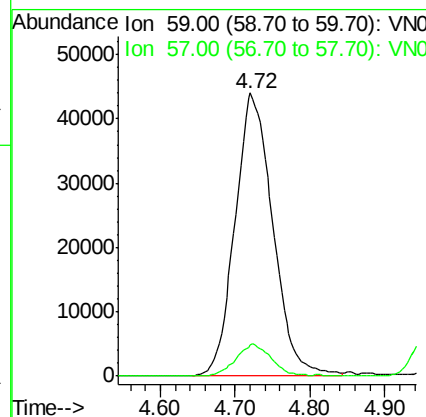
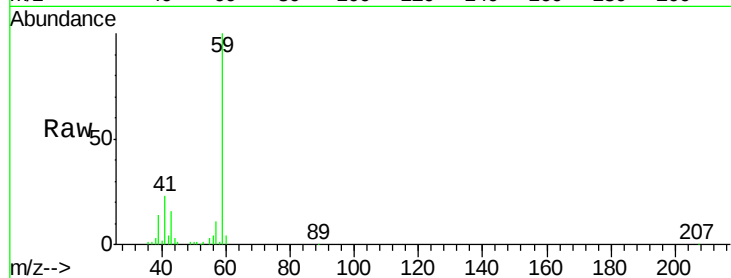
Tert butyl alcohol
Concen: 242.922 ug/l
RT: 4.72 min Scan# 927
Delta R.T. -0.01 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

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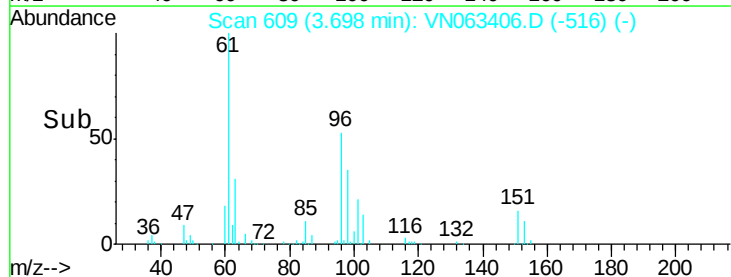
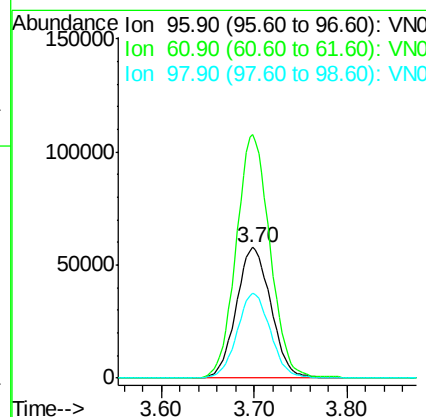
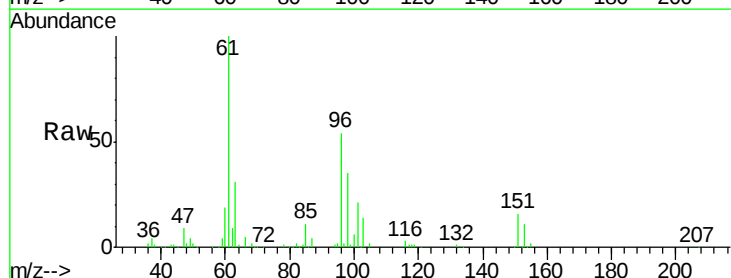
MMDadoda
9/17/2020 1:44:18 PM

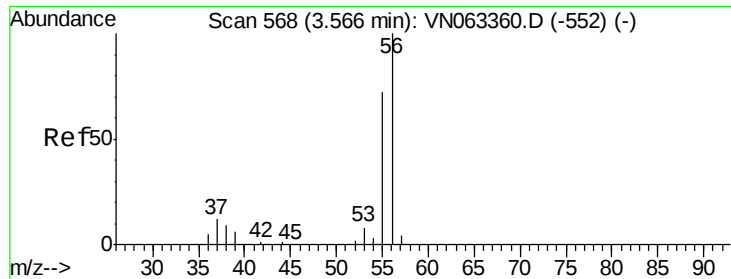


#12

1,1-Dichloroethene
Concen: 49.262 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.5	143.4	215.2
98	64.6	50.6	76.0





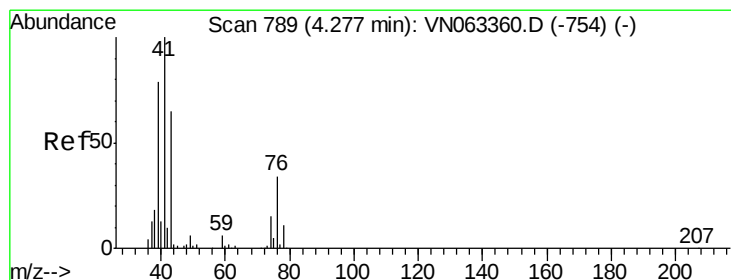
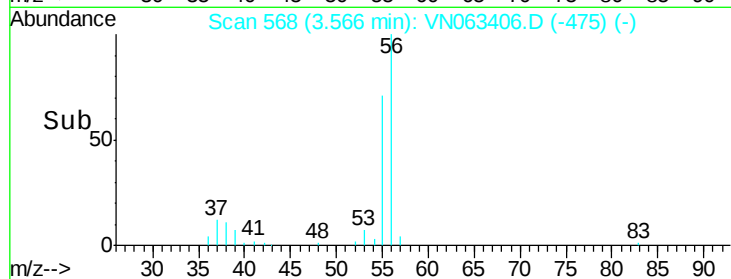
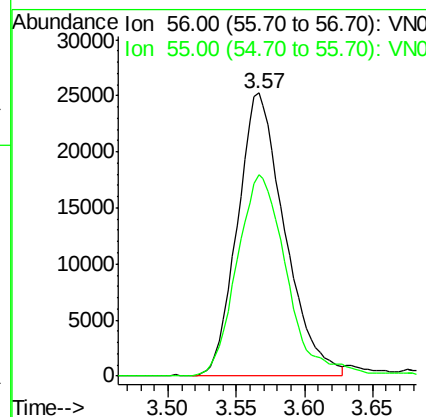
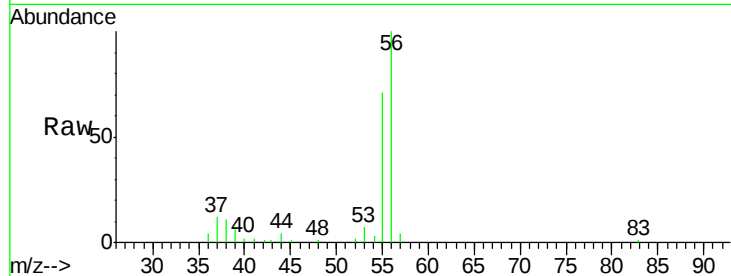
#13
Acrolein
Concen: 256.886 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	60610
Ion Ratio	100	Lower	Upper
56	100		
55	74.9	58.2	87.2

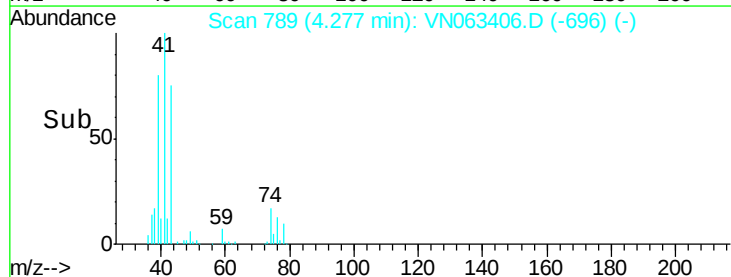
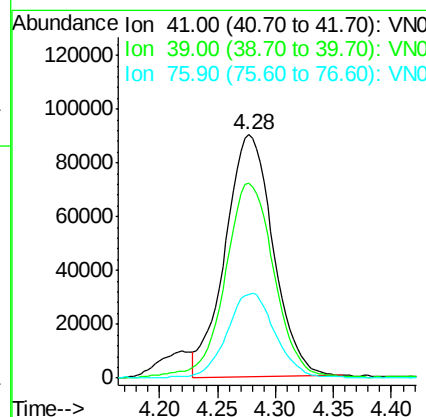
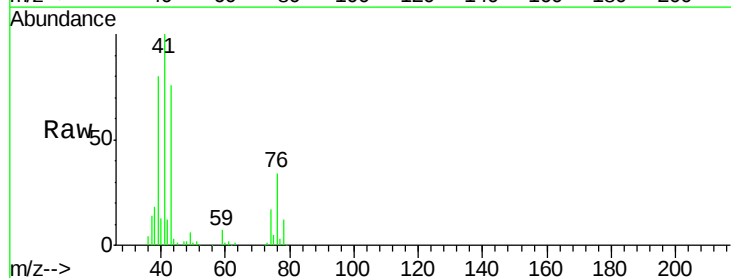
Manual Integrations
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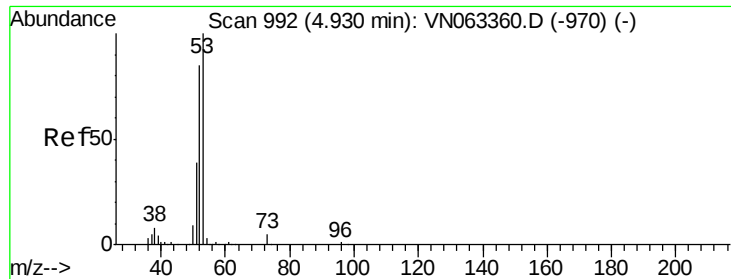
MMDadoda
9/17/2020 1:44:18 PM



#14
Allyl chloride
Concen: 42.800 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	41	Resp	257928
Ion Ratio	100	Lower	Upper
41	100		
39	83.4	59.3	88.9
76	35.0	25.3	37.9





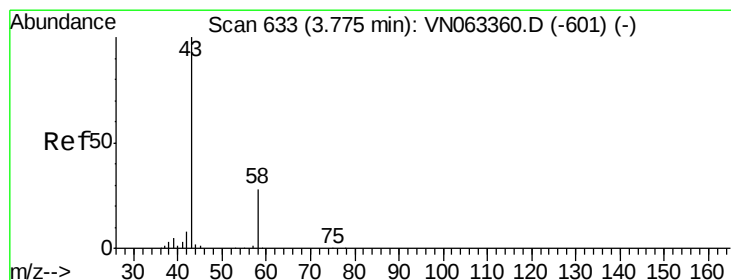
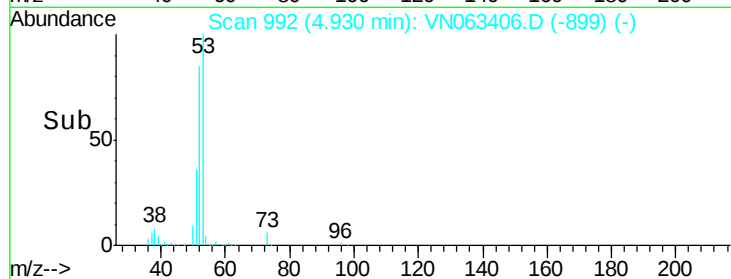
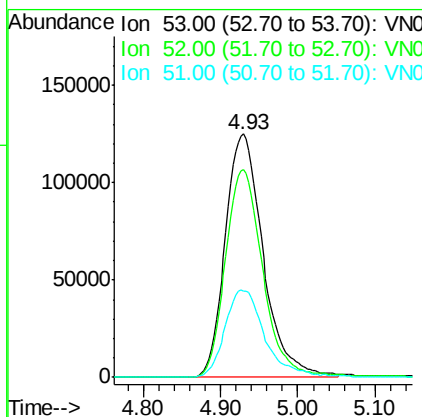
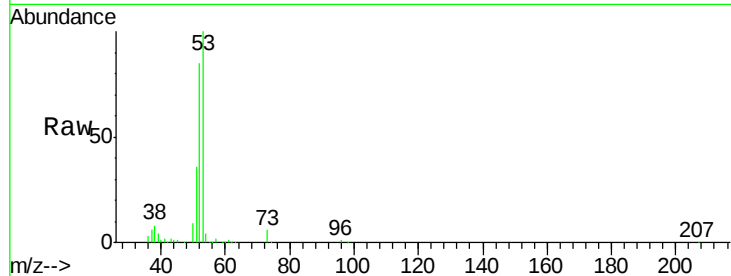
#15
 Acrylonitrile
 Concen: 262.788 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	425580
Ion Ratio	Lower	Upper	
53	100		
52	84.1	66.4	99.6
51	37.4	30.2	45.4

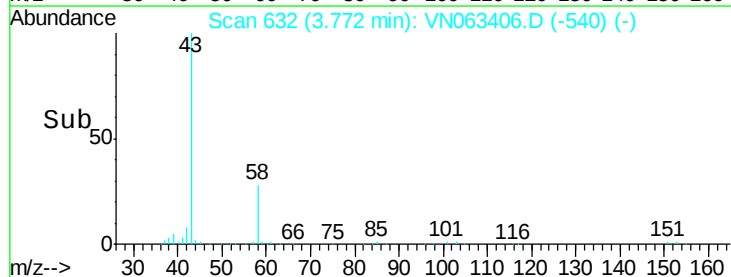
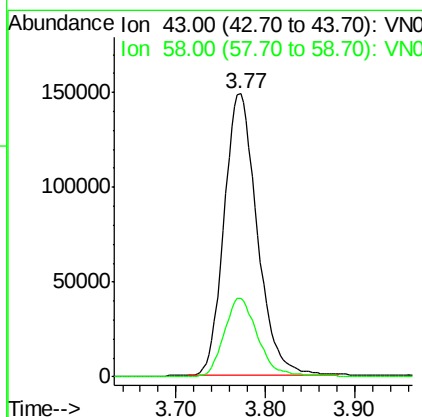
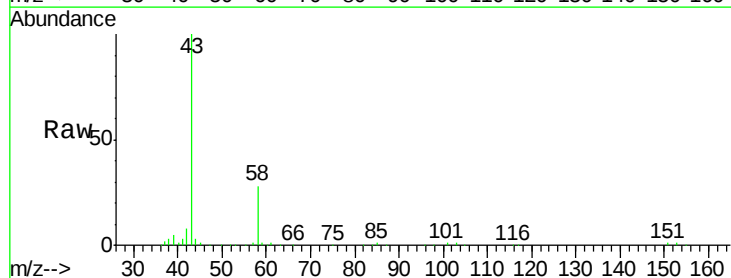
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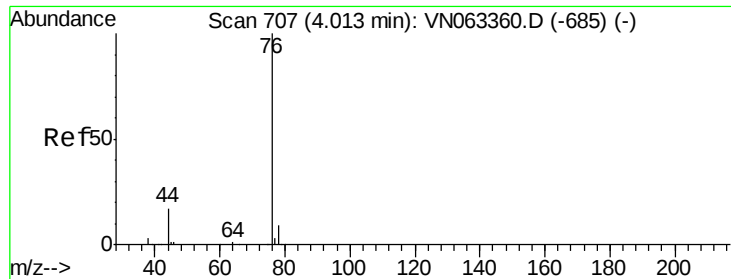
MMDadoda
 9/17/2020 1:44:18 PM



#16
 Acetone
 Concen: 259.646 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion:	43	Resp:	383494
Ion Ratio	Lower	Upper	
43	100		
58	28.0	22.3	33.5





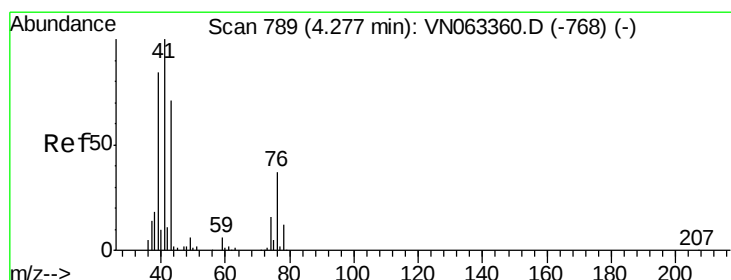
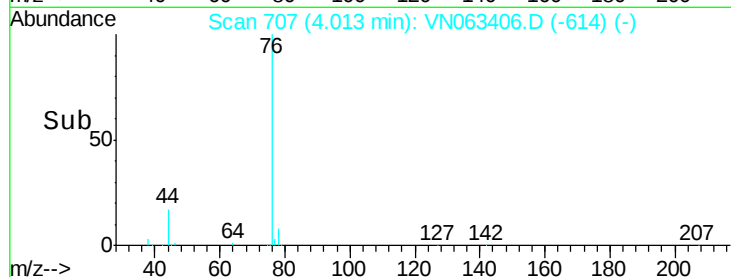
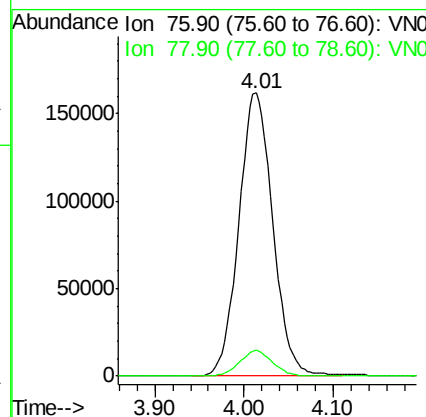
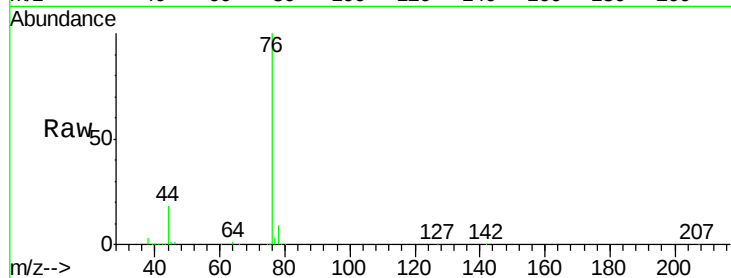
#17
Carbon Disulfide
Concen: 48.243 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 427532
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

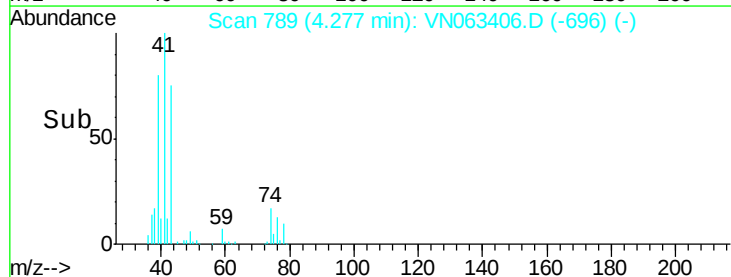
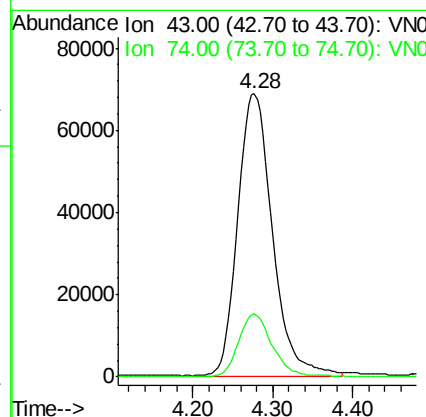
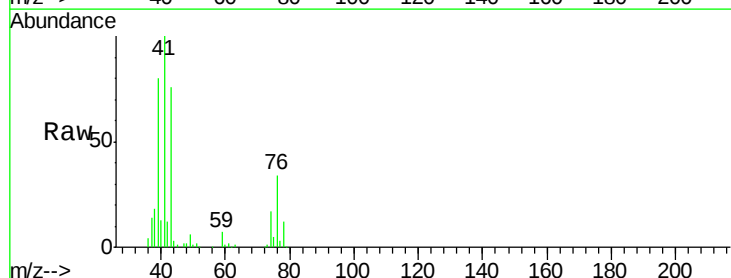
Manual Integrations
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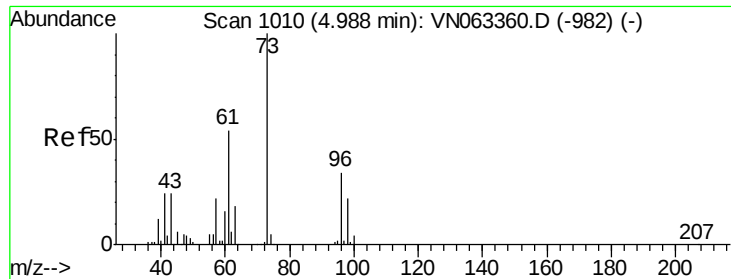
MMDadoda
9/17/2020 1:44:18 PM



#18
Methyl Acetate
Concen: 53.713 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 43 Resp: 201399
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.2





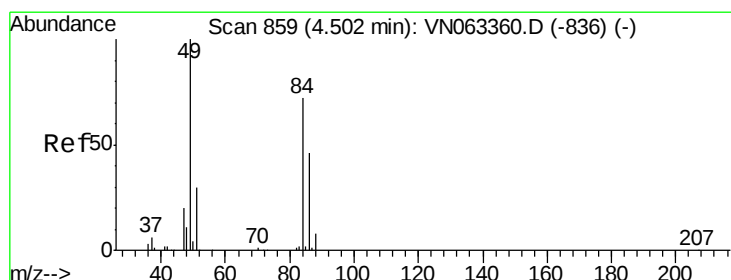
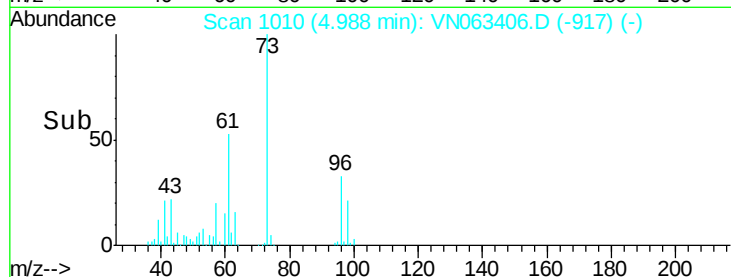
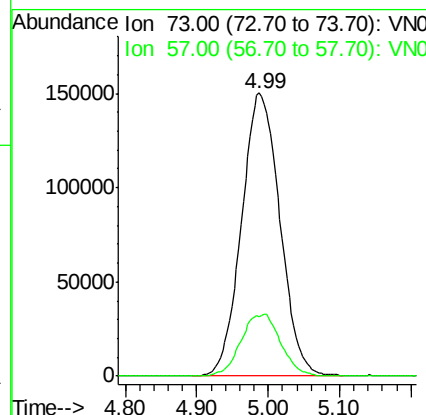
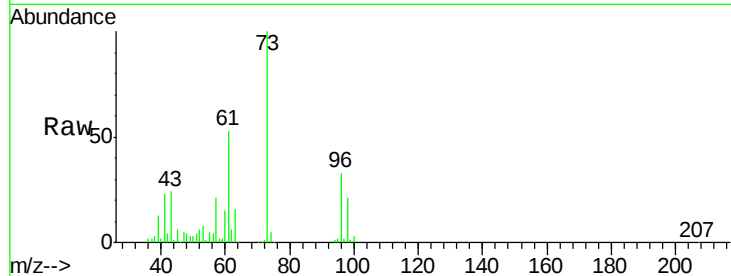
#19
Methvl tert-butvl Ether
Concen: 49.502 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 562100
Ion Ratio Lower Upper
73 100
57 21.2 17.9 26.9

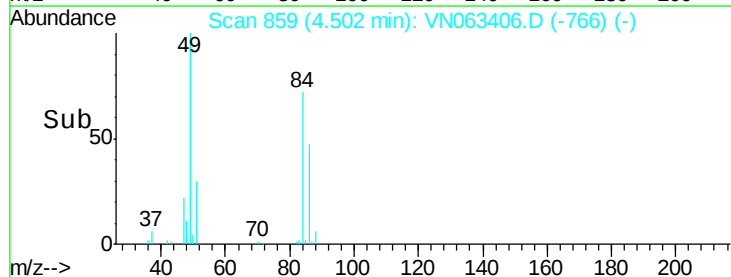
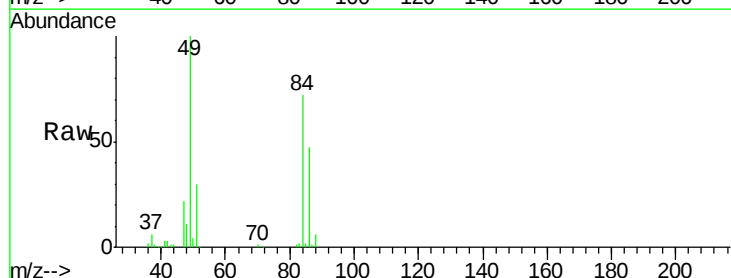
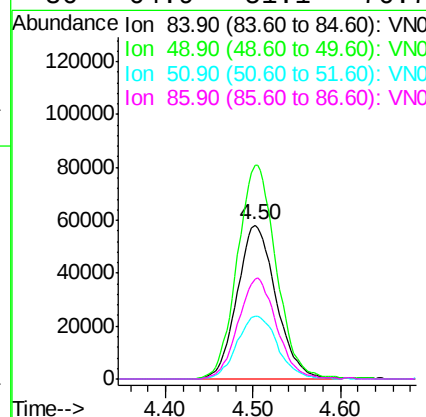
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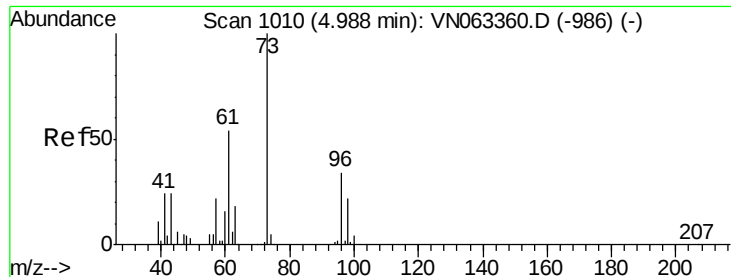
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#20
Methylene Chloride
Concen: 48.070 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 84 Resp: 179883
Ion Ratio Lower Upper
84 100
49 138.7 110.7 166.1
51 41.0 32.9 49.3
86 64.9 51.1 76.7





#21

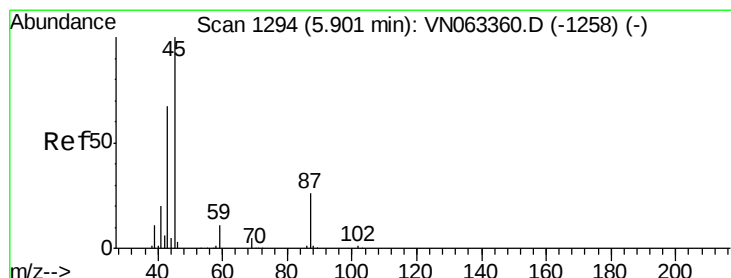
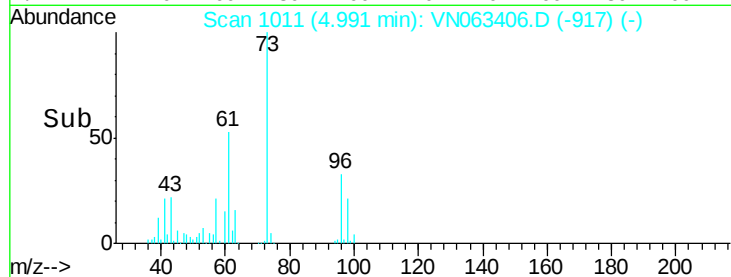
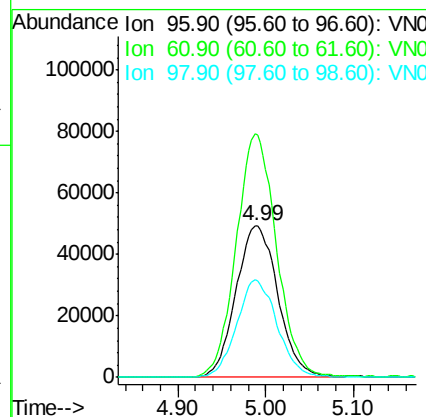
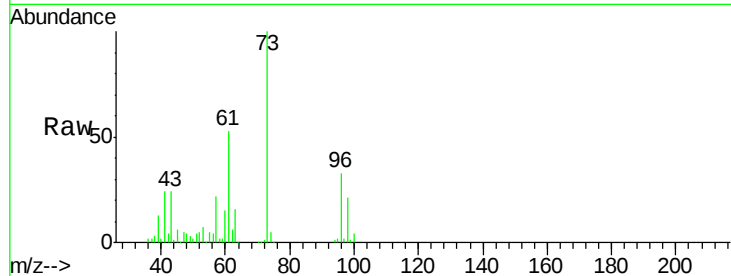
trans-1,2-Dichloroethene
Concen: 48.610 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.7	126.2	189.4
98	63.8	51.0	76.4

Manual Integrations
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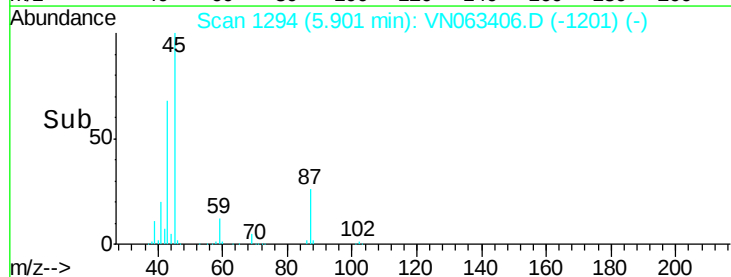
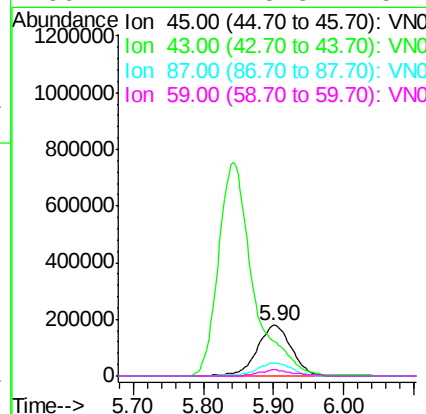
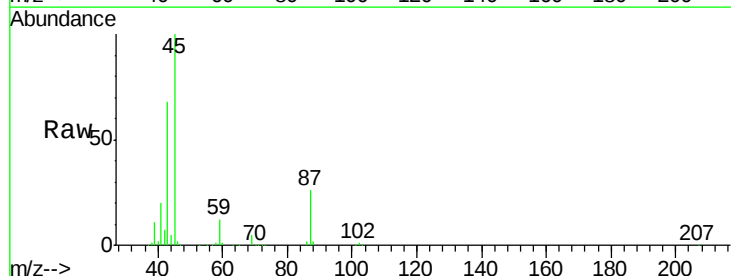
MMDadoda
9/17/2020 1:44:18 PM

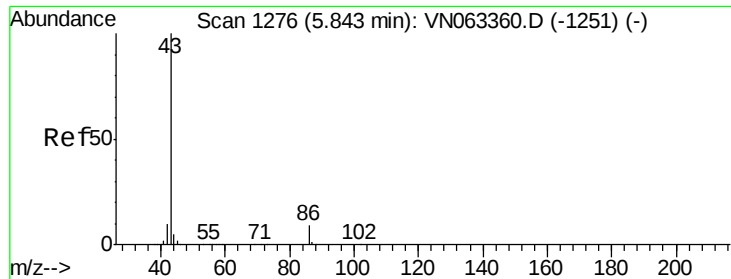


#22

Diisopropyl ether
Concen: 49.670 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.4	53.5	80.3
87	26.0	21.2	31.8
59	11.7	8.8	13.2





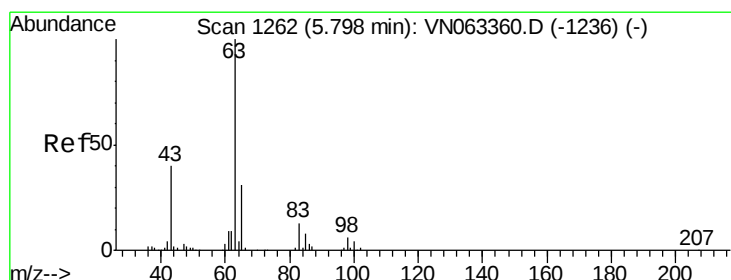
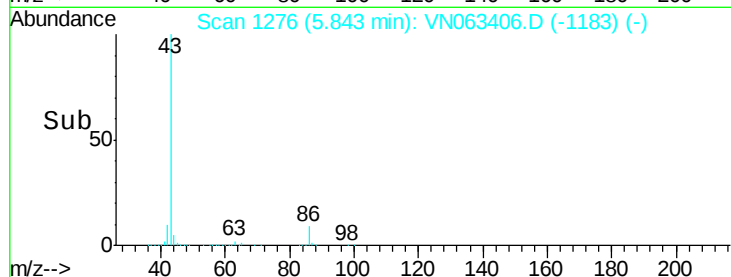
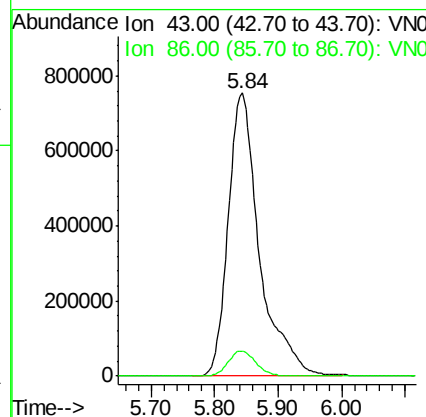
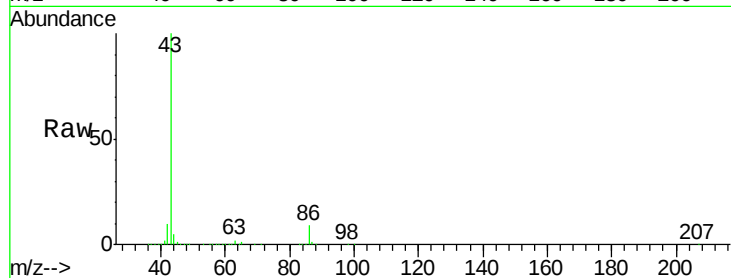
#23
 Vinyl Acetate
 Concen: 254.975 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2573701
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.1 10.7

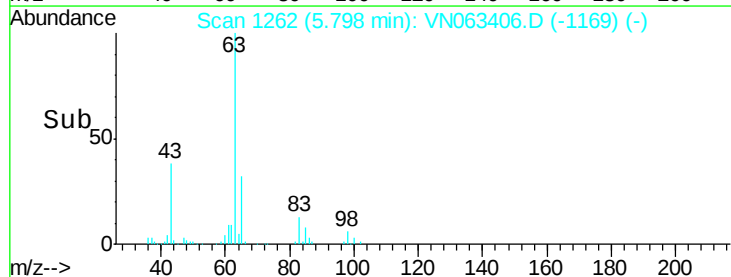
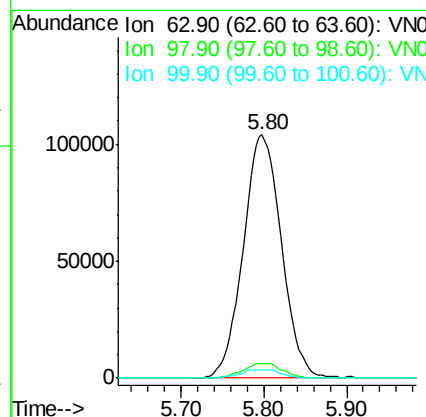
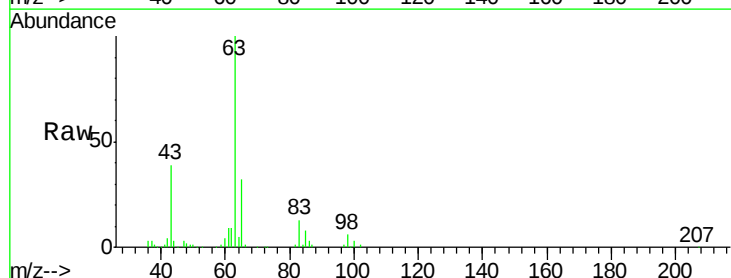
Manual Integrations
 APPROVED

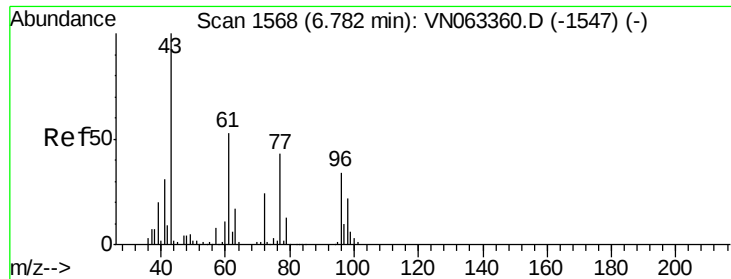
MMDadoda
 9/17/2020 1:44:18 PM



#24
 1,1-Dichloroethane
 Concen: 49.716 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 63 Resp: 333600
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 3.3 2.1 6.3





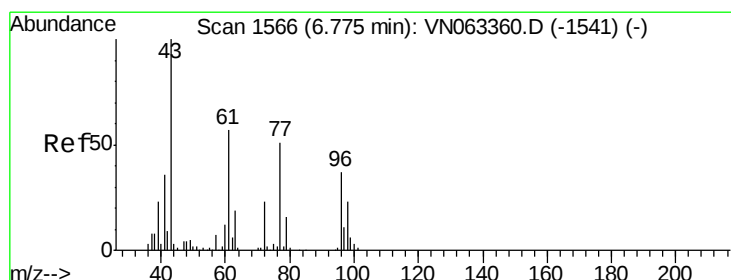
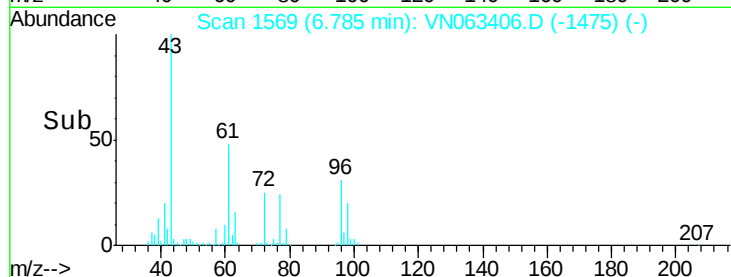
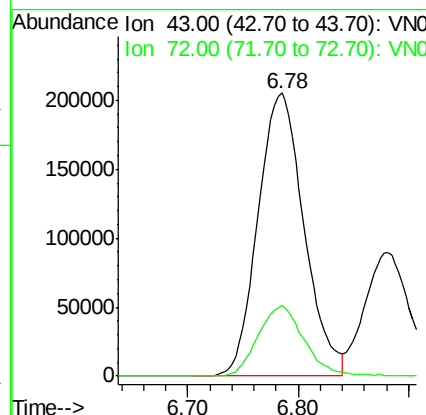
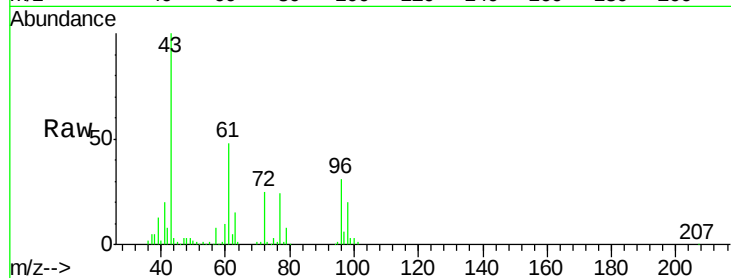
#25
2-Butanone
Concen: 260.905 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 592666
Ion Ratio Lower Upper
43 100
72 24.9 19.2 28.8

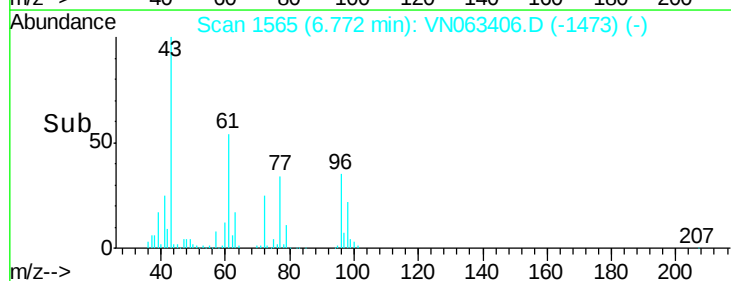
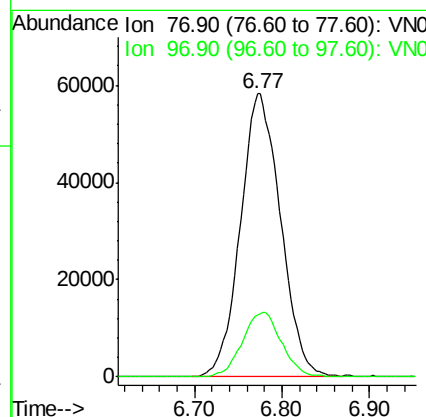
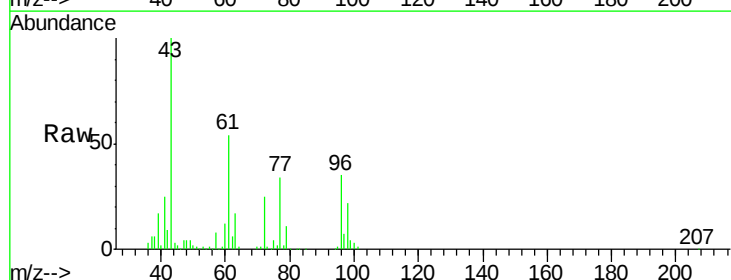
Manual Integrations
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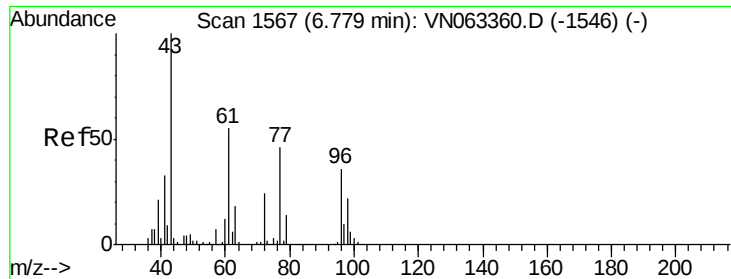
MMDadoda
9/17/2020 1:44:18 PM



#26
2,2-Dichloropropane
Concen: 31.377 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 77 Resp: 185374
Ion Ratio Lower Upper
77 100
97 22.2 10.5 31.6





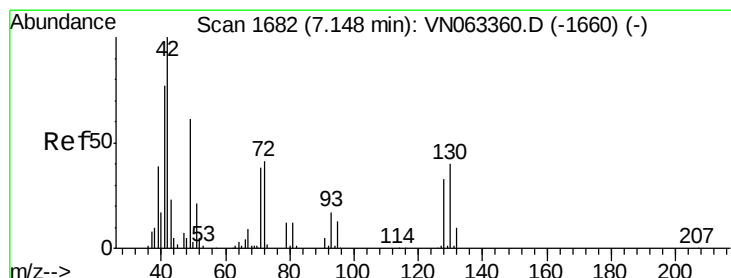
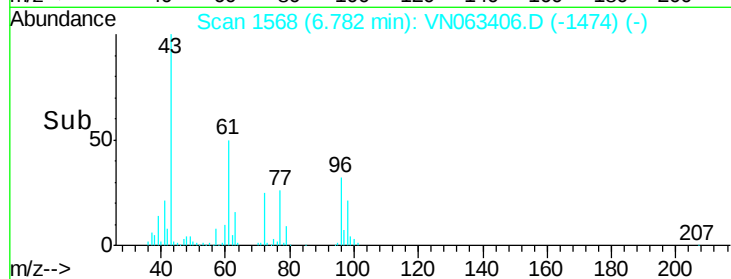
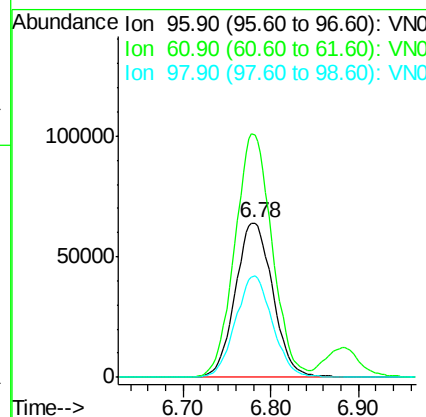
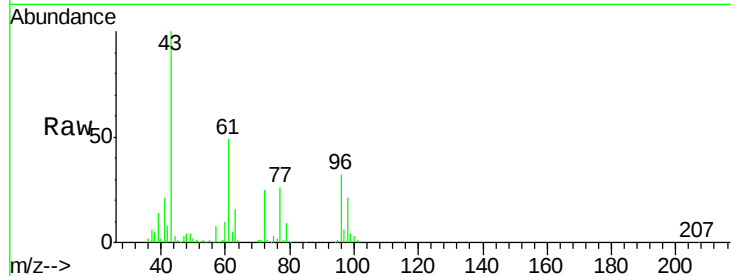
#27
 cis-1,2-Dichloroethene
 Concen: 49.911 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	190691		
61	156.1	0.0	319.6	
98	64.5	0.0	127.8	

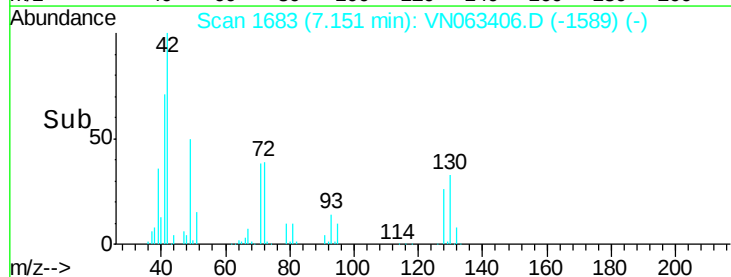
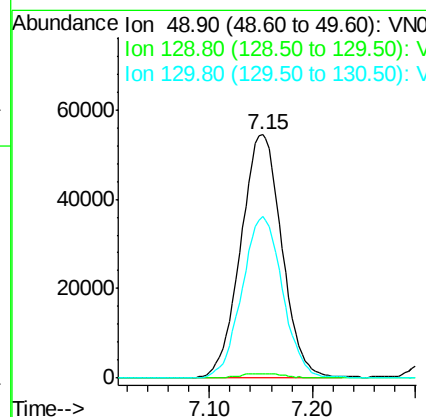
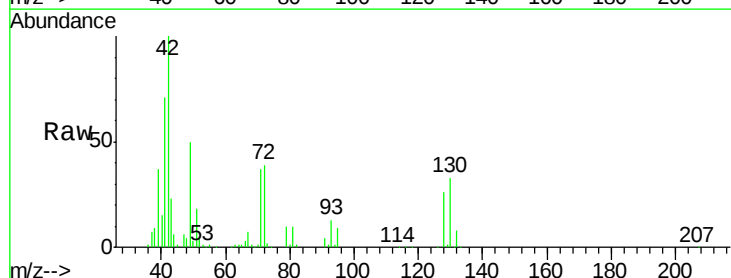
Manual Integrations
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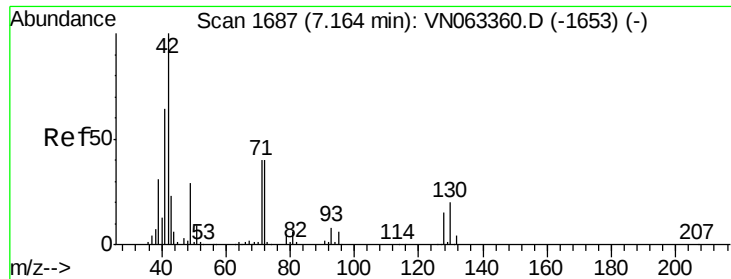
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#28
 Bromochloromethane
 Concen: 48.776 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151122		
129	0.8	0.0	3.8	
130	65.3	52.2	78.2	





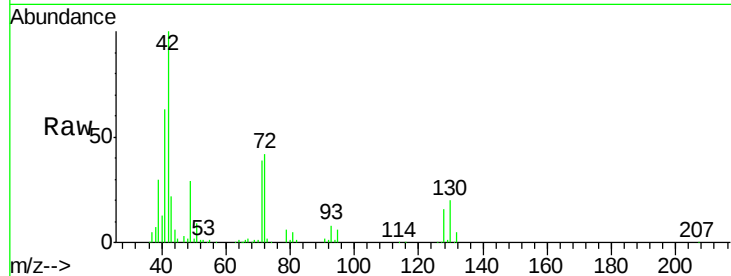
#29
Tetrahydrofuran
Concen: 254.988 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

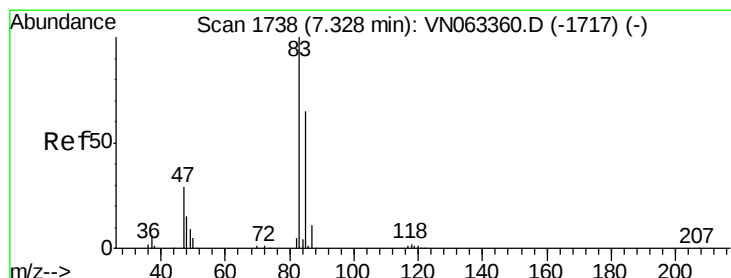
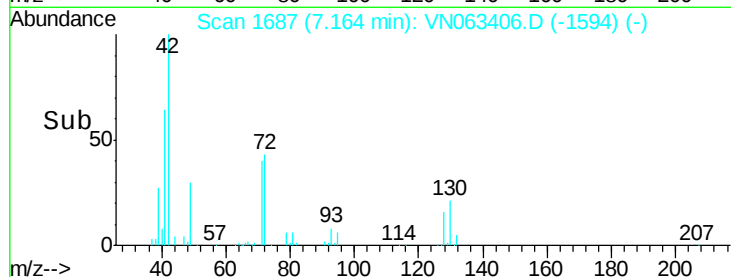
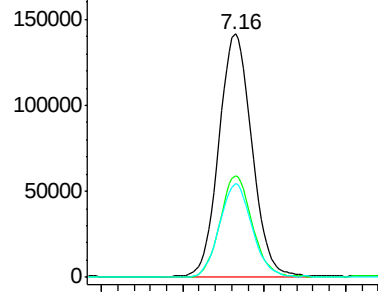
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.1	48.1
71	38.0	31.2	46.8

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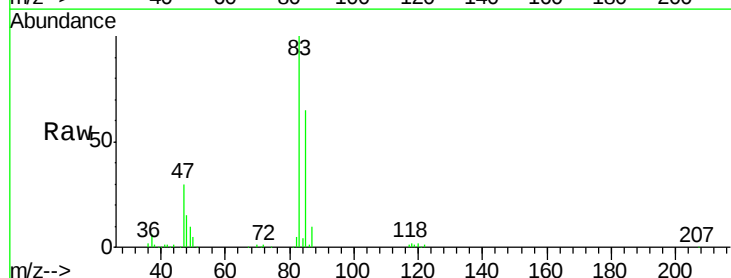


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

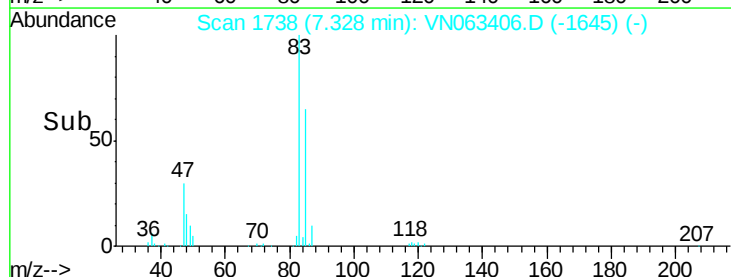
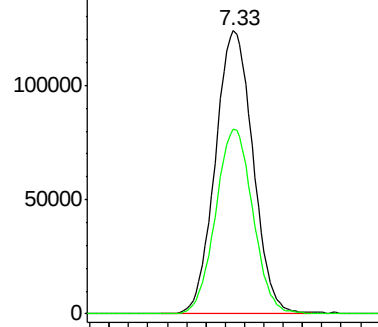


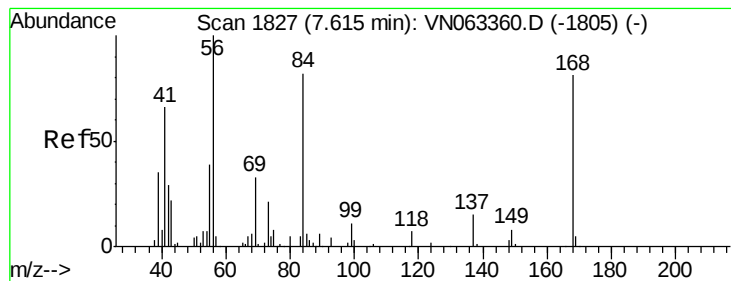
#30
Chloroform
Concen: 49.791 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.1	78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 45.217 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

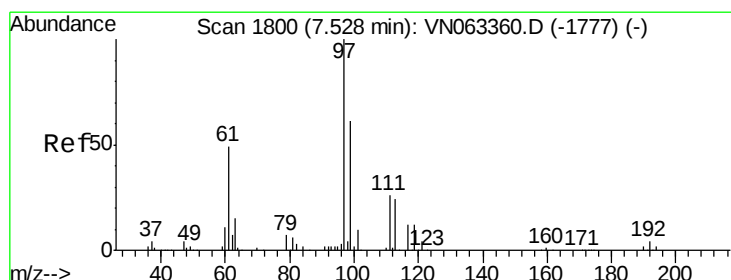
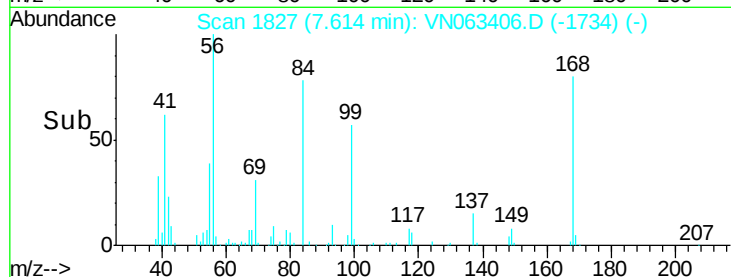
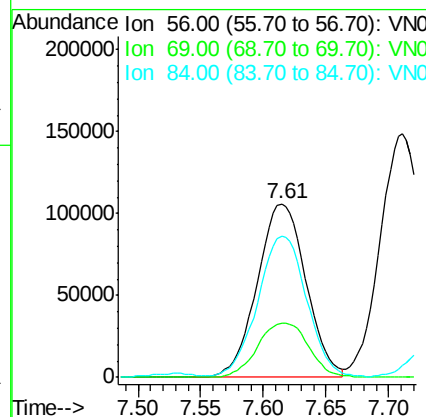
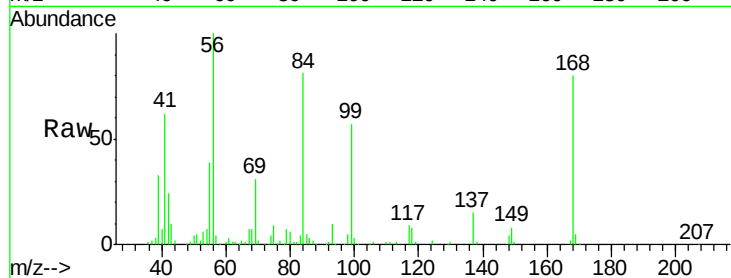
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	287000
Ion Ratio	Lower	Upper	
56	100		
69	31.2	26.1	39.1
84	80.0	65.4	98.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.641 ug/l

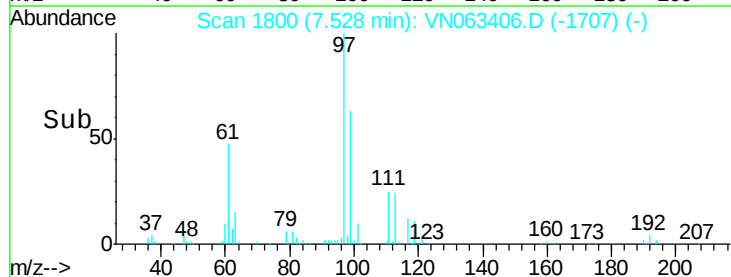
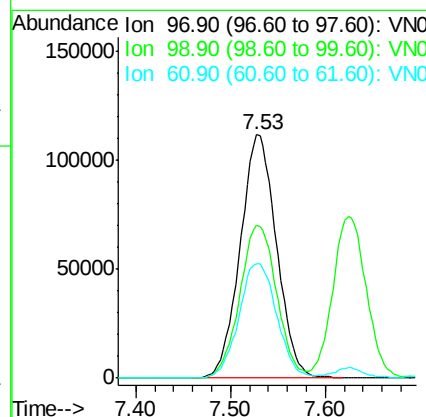
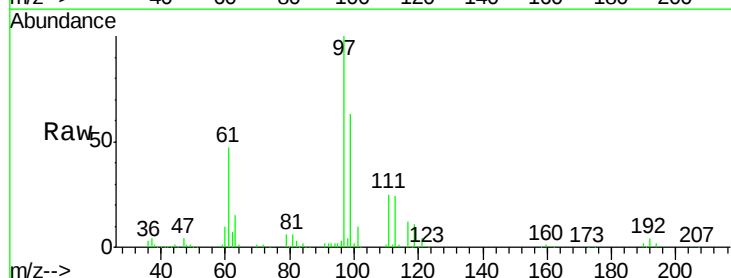
RT: 7.53 min Scan# 1800

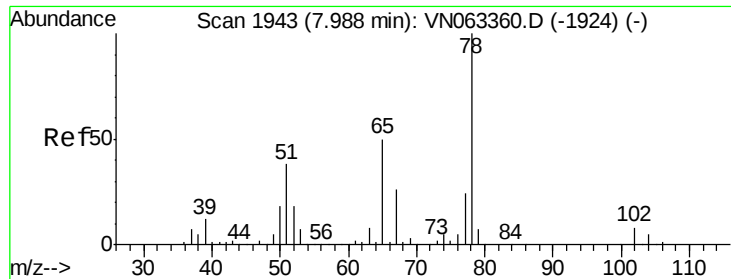
Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Tgt Ion:	97	Resp:	297241
Ion Ratio	Lower	Upper	
97	100		
99	63.9	50.6	76.0
61	49.0	39.2	58.8





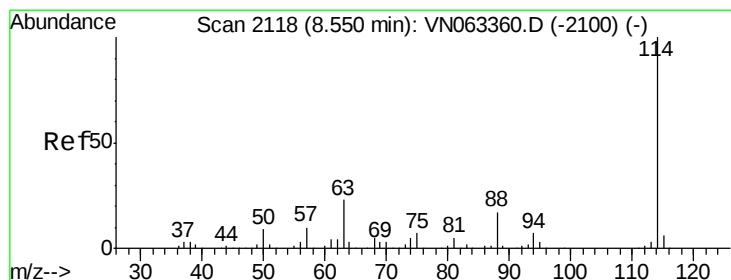
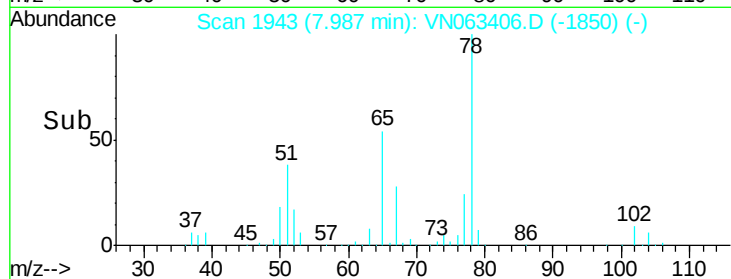
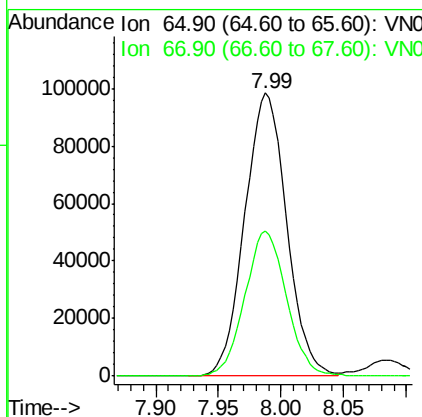
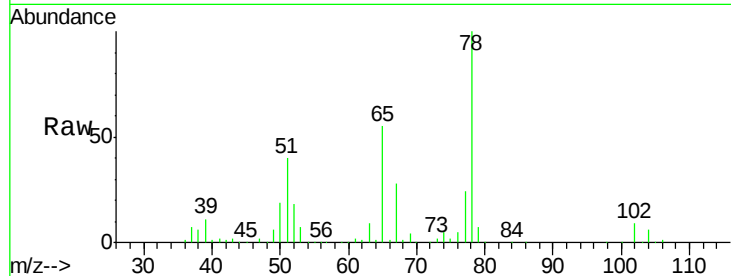
#33
 1,2-Dichloroethane-d4
 Concen: 49.893 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	229293		
67	51.0	0.0	104.2	

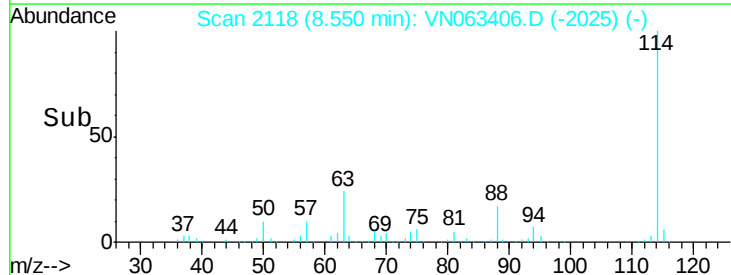
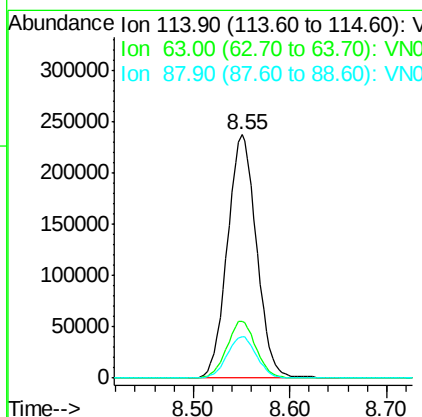
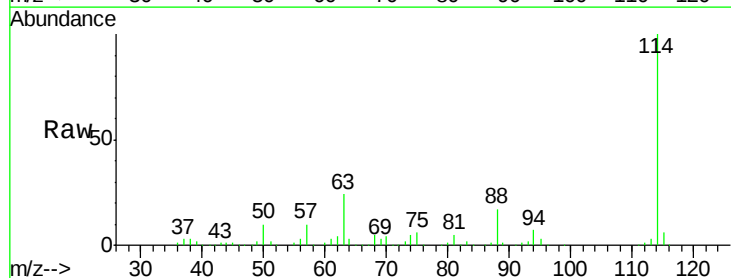
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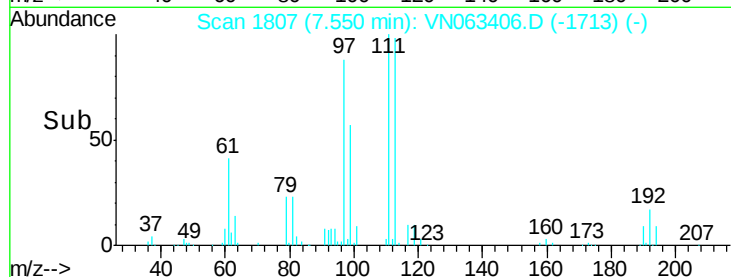
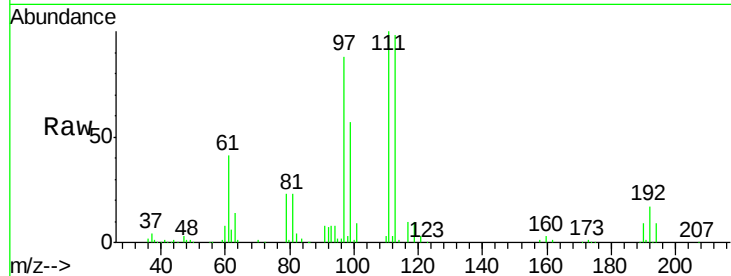
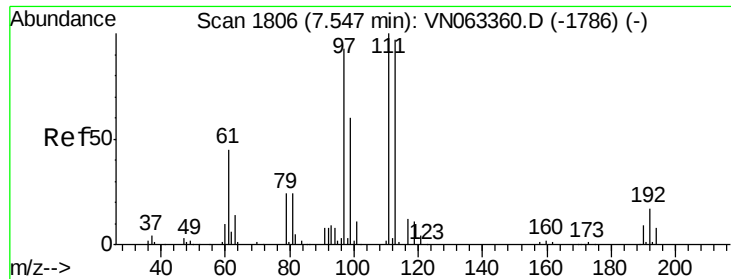
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	497099		
63	23.5	0.0	46.4	
88	17.1	0.0	33.2	





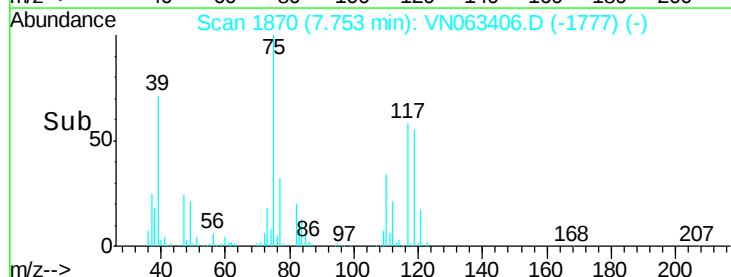
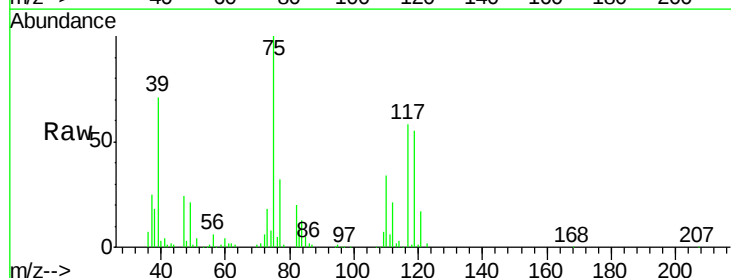
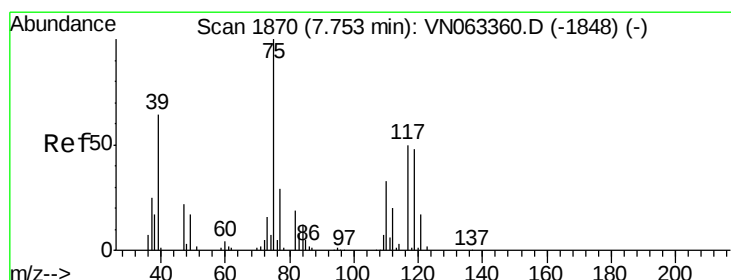
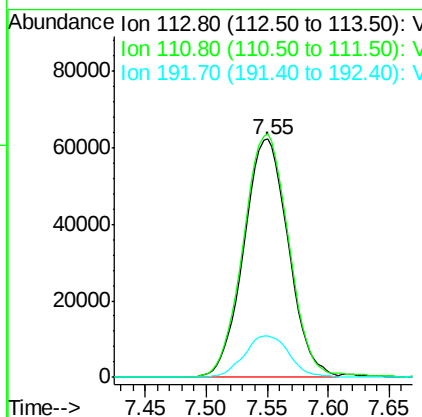
#35
Dibromofluoromethane
Concen: 45.824 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157694		
111	105.0	82.9	124.3	
192	17.7	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

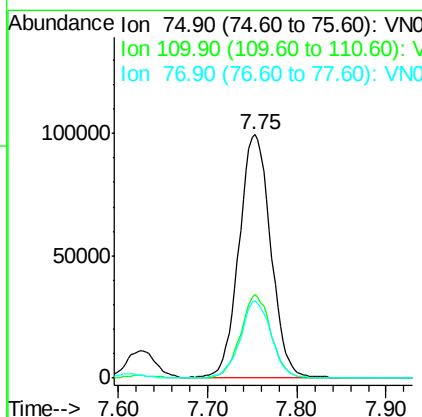
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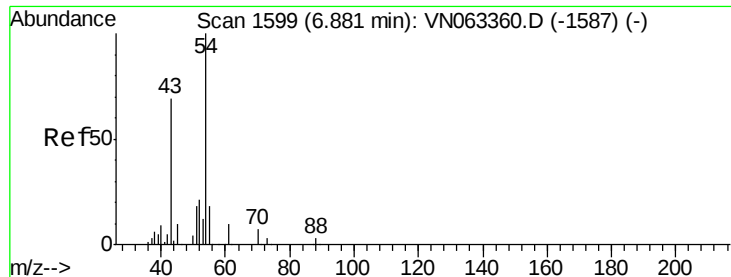
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#36
1,1-Dichloropropene
Concen: 46.136 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	244329		
110	33.1	16.5	49.5	
77	31.2	24.6	36.8	





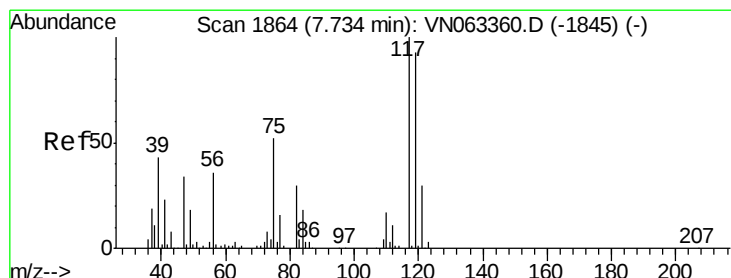
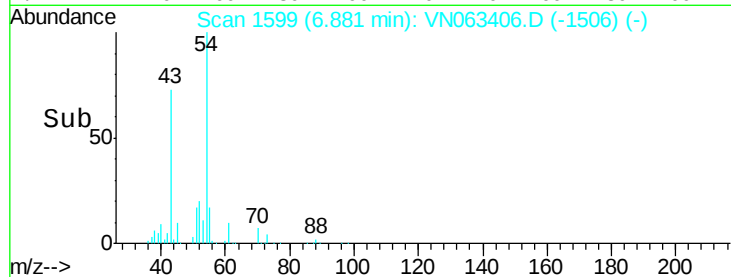
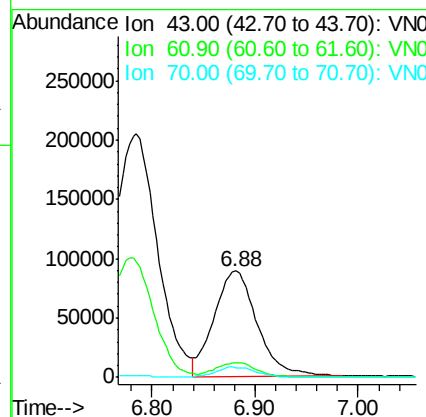
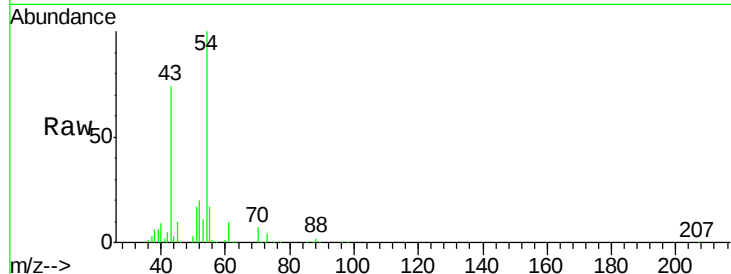
#37
Ethyl Acetate
Concen: 49.579 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	257695
Ion Ratio	100	Lower	Upper
43	100		
61	12.9	10.6	15.8
70	9.6	7.2	10.8

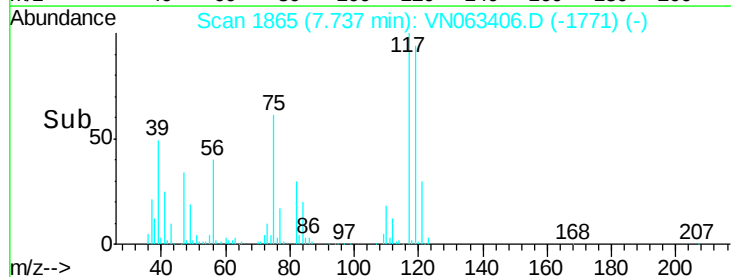
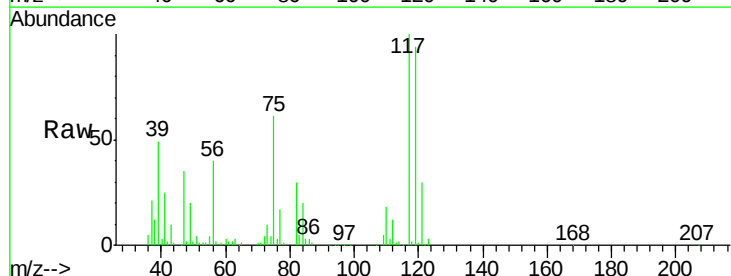
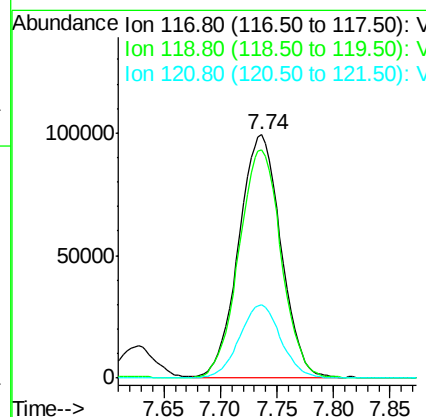
Manual Integrations
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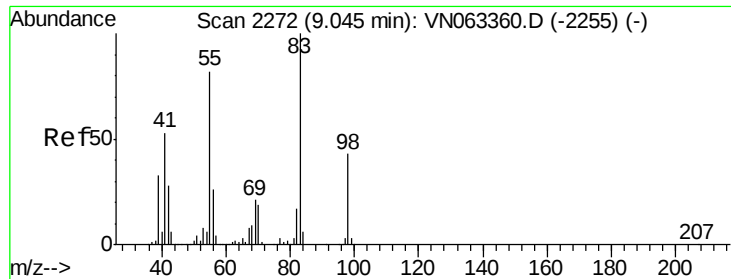
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#38
Carbon Tetrachloride
Concen: 47.497 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	117	Resp	256771
Ion Ratio	100	Lower	Upper
117	100		
119	93.5	74.5	111.7
121	30.1	24.1	36.1





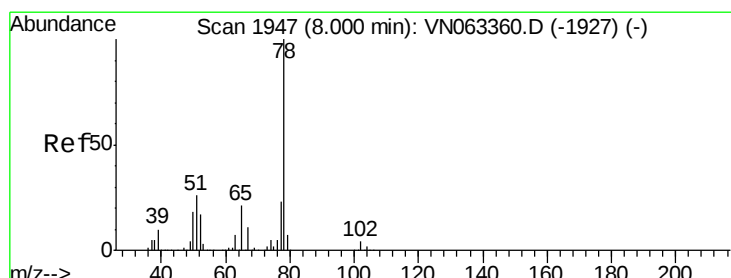
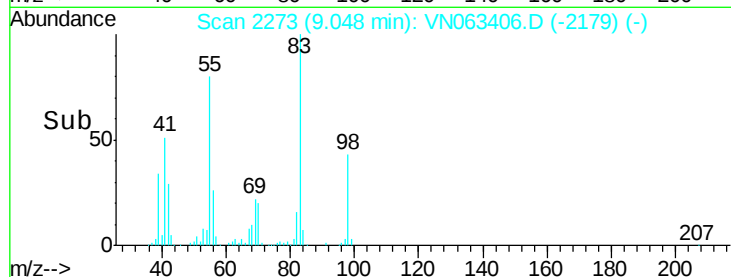
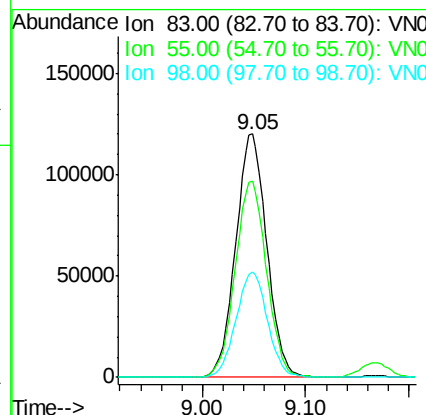
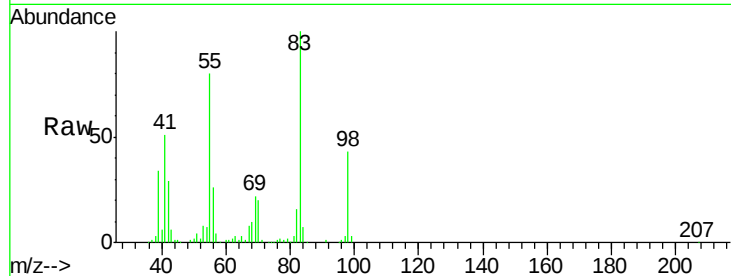
#39
Methvlcvclohexane
Concen: 43.809 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	65.5	98.3
98	43.5	34.2	51.4

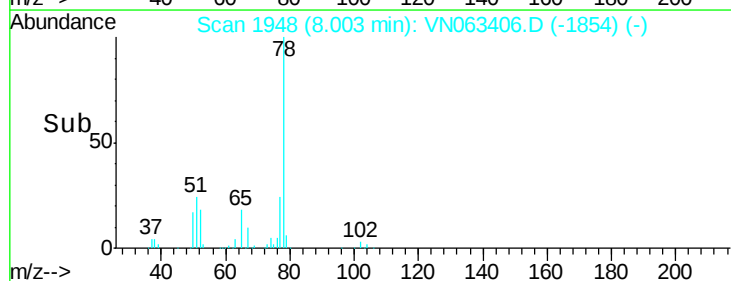
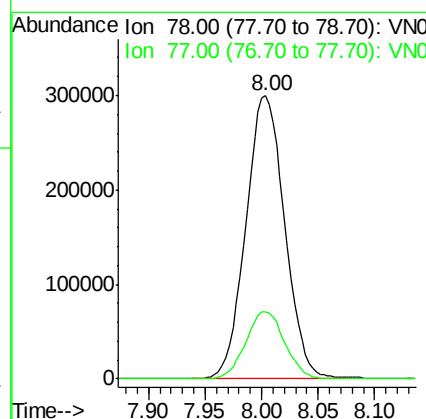
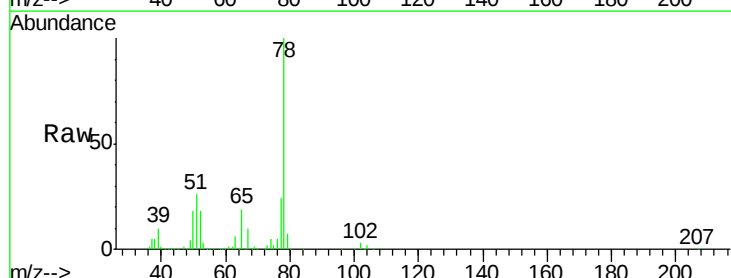
Manual Integrations
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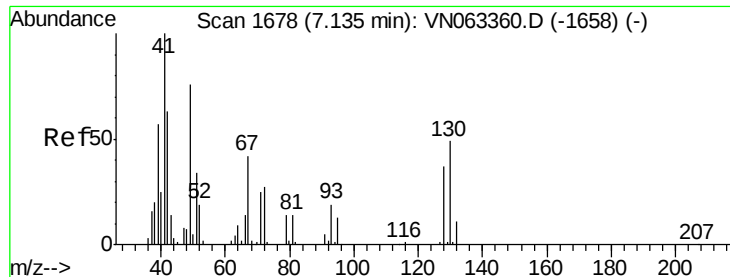
MMDadoda
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#40
Benzene
Concen: 47.395 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.3	27.5





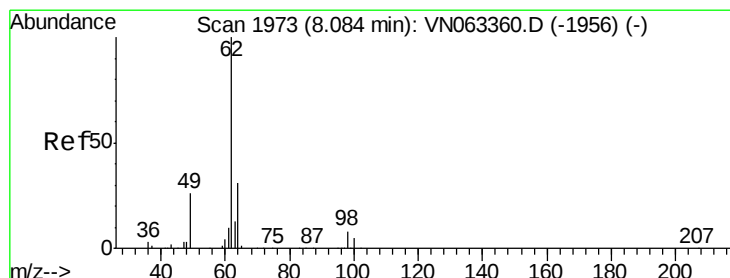
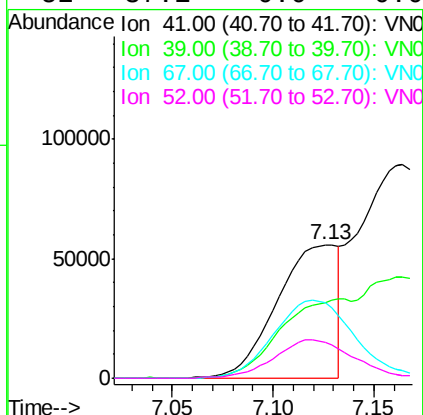
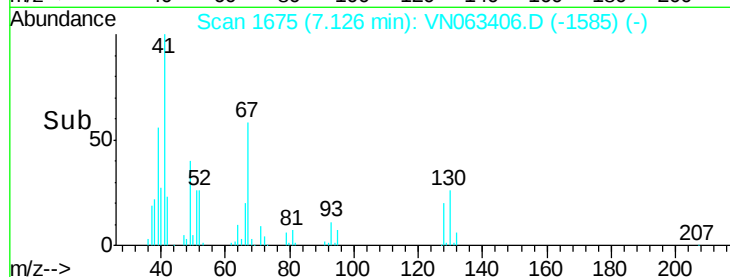
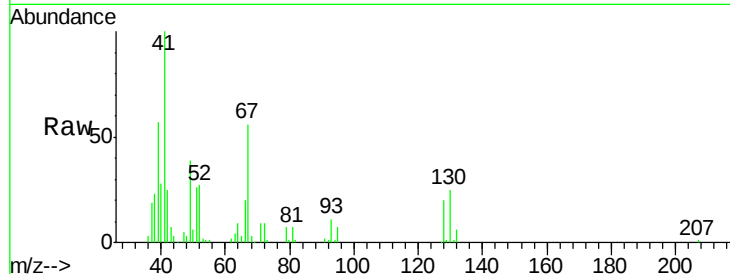
#41
Methacrylonitrile
Concen: 49.582 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	68.3	0.0	0.0#	
67	80.0	0.0	0.0#	
52	37.1	0.0	0.0#	

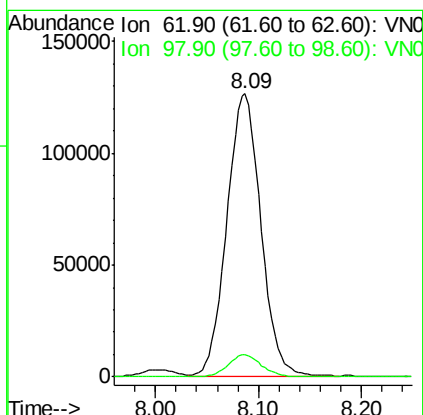
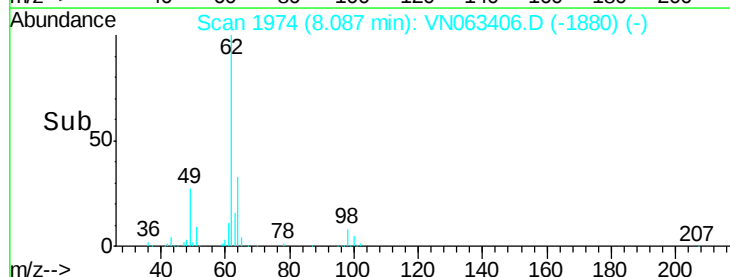
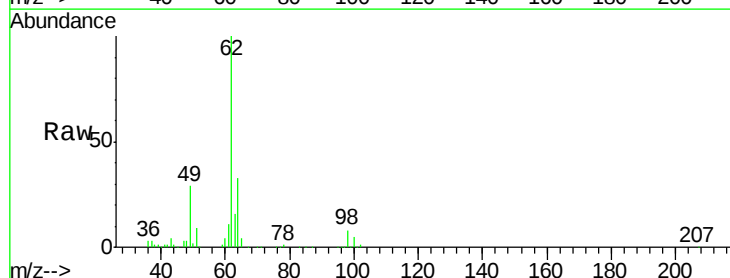
Manual Integrations
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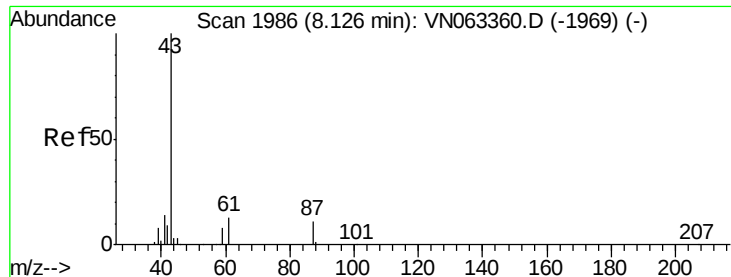
MMDadoda
9/17/2020 1:44:18 PM



#42
1,2-Dichloroethane
Concen: 47.733 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.7	0.0	15.6	





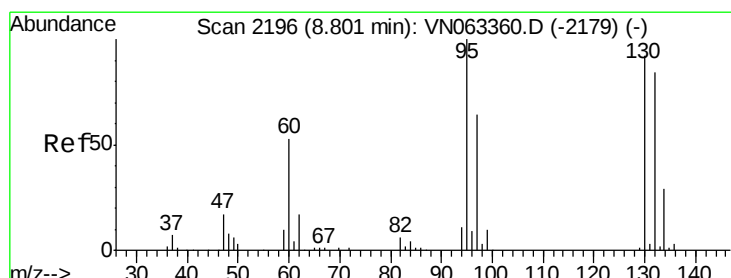
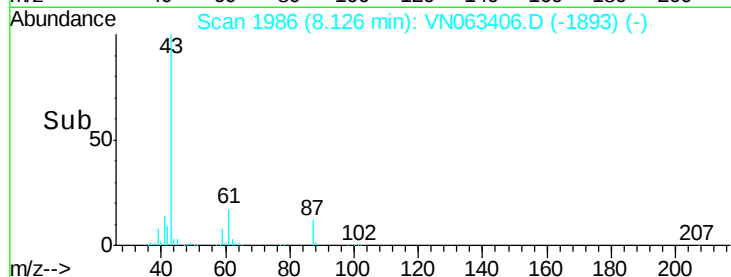
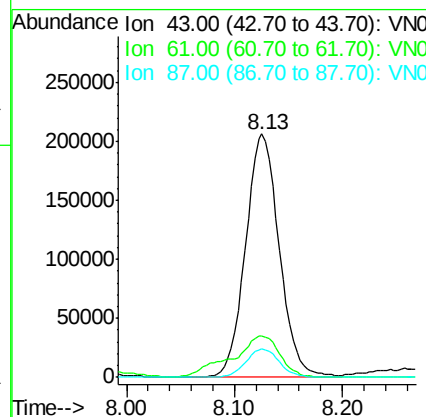
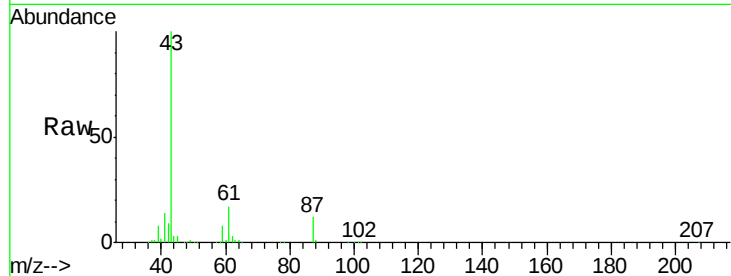
#43
Isopropyl Acetate
Concen: 47.988 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.4	14.2	21.2#
87	11.7	9.0	13.6

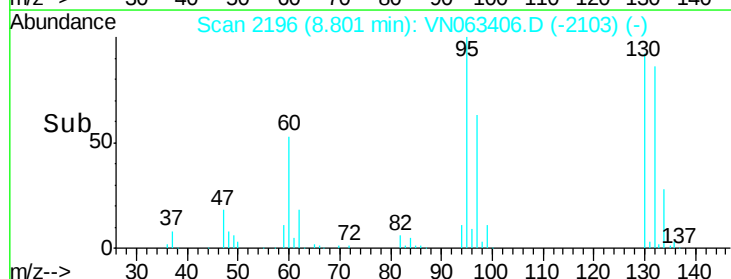
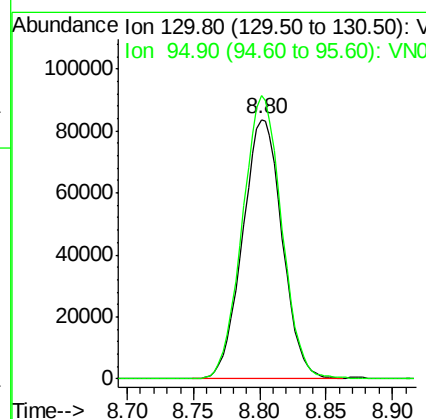
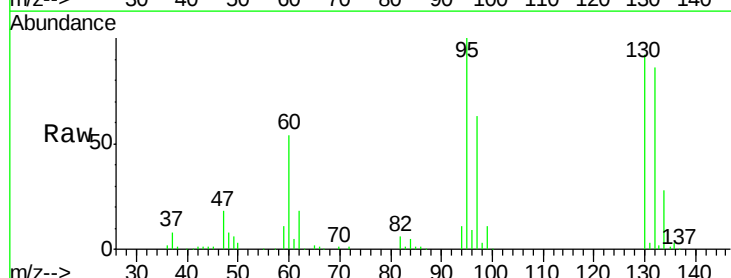
Manual Integrations
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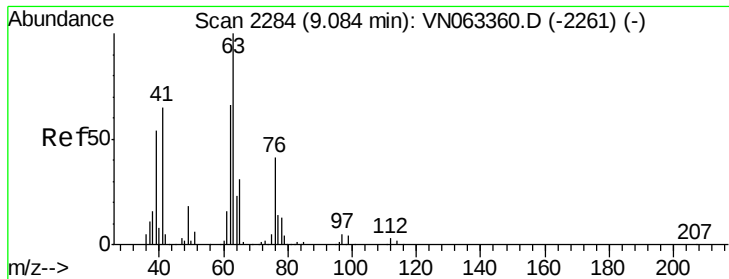
MMDadoda
9/17/2020 1:44:18 PM



#44
Trichloroethene
Concen: 47.341 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.1	0.0	217.4





#45

1,2-Dichloropropane

Concen: 48.236 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 198608

Ion Ratio Lower Upper

63 100

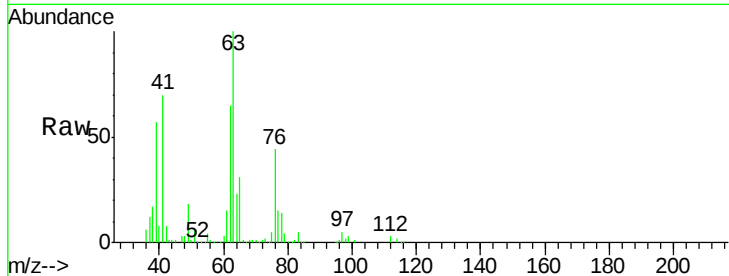
65 31.4 25.0 37.6

Manual Integrations

APPROVED

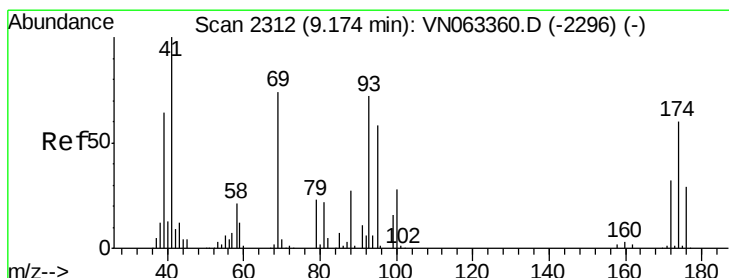
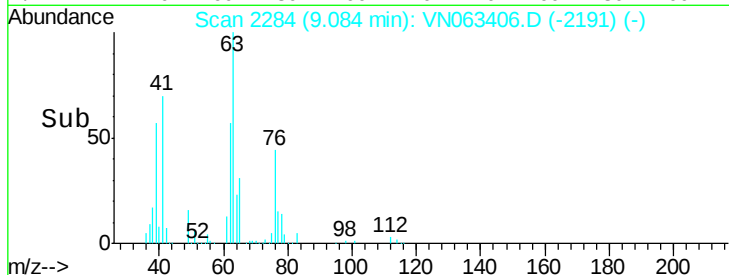
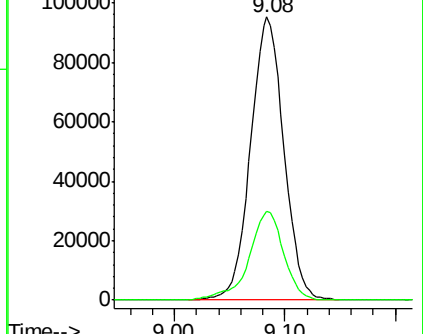
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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 49.049 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

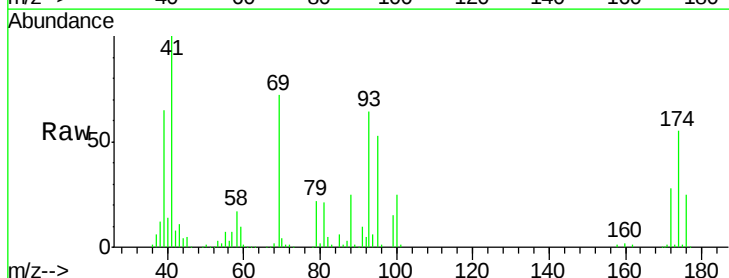
Tgt Ion: 93 Resp: 132738

Ion Ratio Lower Upper

93 100

95 81.5 65.6 98.4

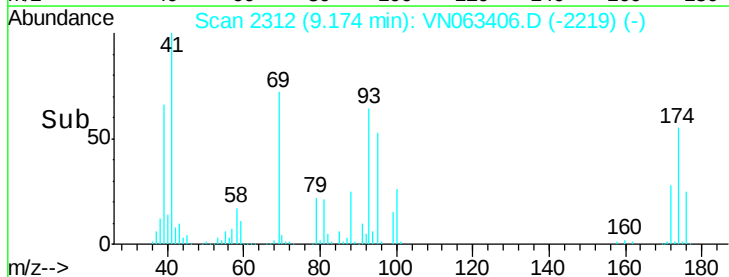
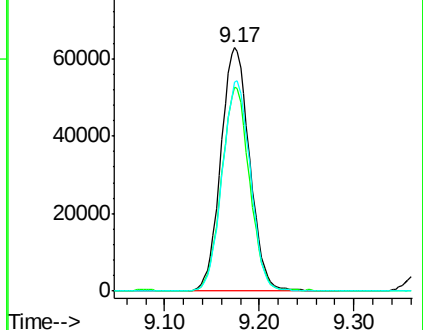
174 84.0 68.1 102.1

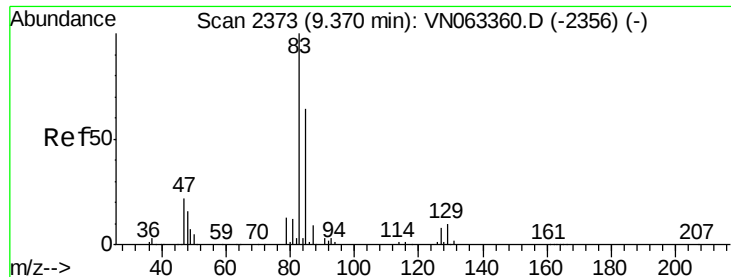


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





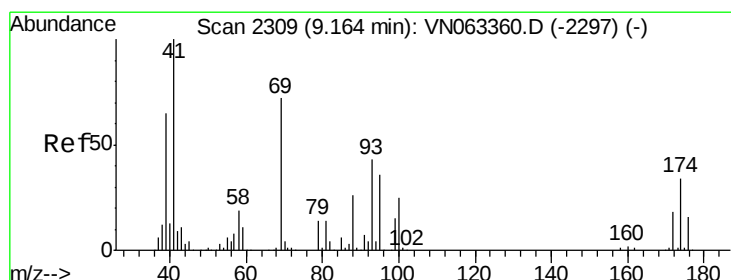
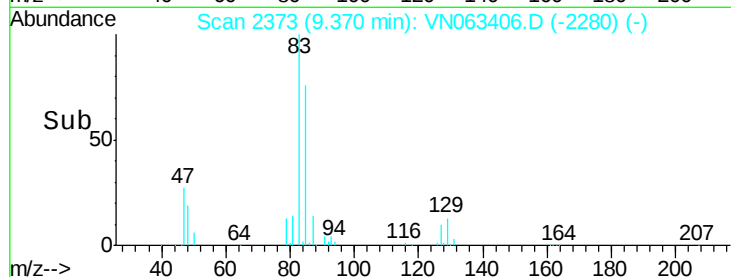
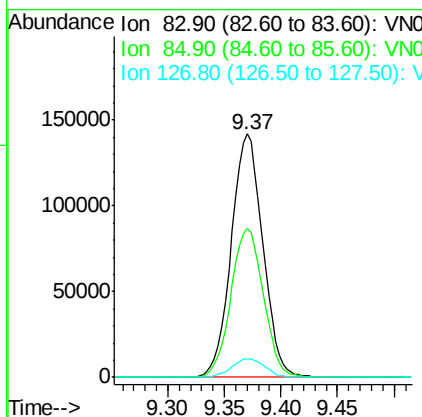
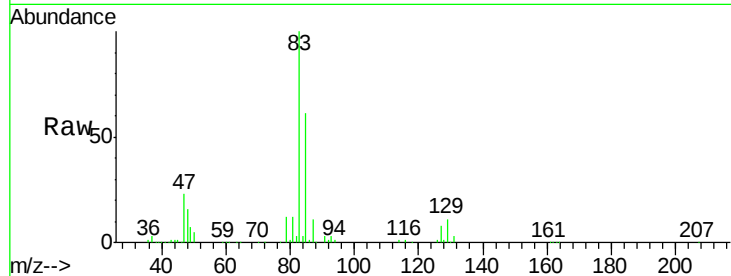
#47
Bromodichloromethane
Concen: 49.017 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	275578		
85	60.9		51.0	76.6
127	7.6		6.3	9.5

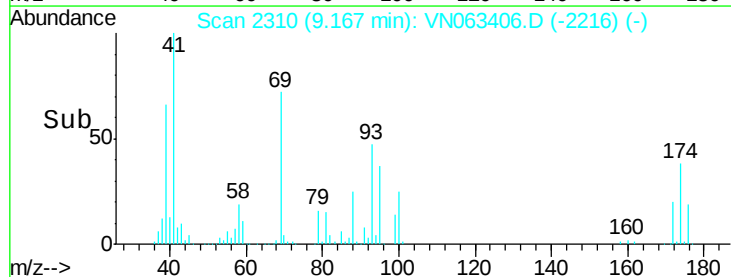
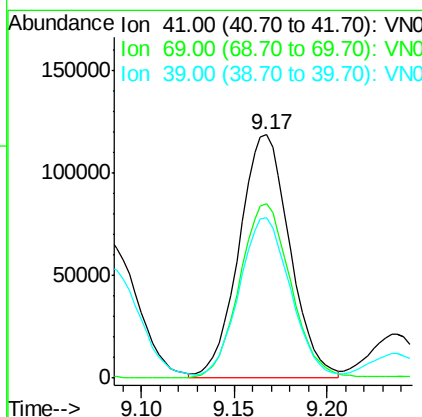
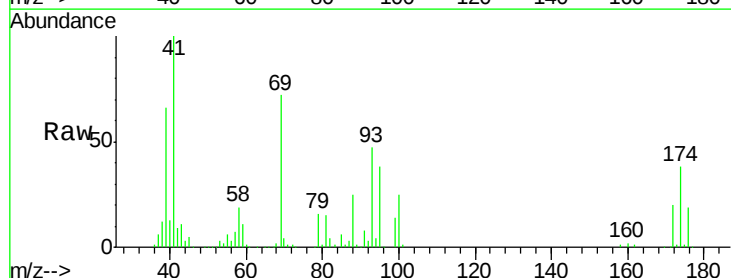
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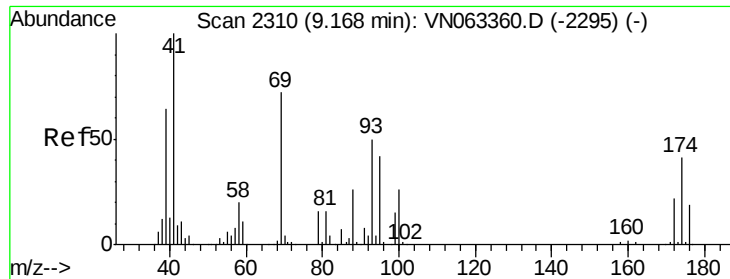
MMDadoda
9/17/2020 1:44:18 PM



#48
Methyl methacrylate
Concen: 49.010 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	223789		
69	73.3		59.3	88.9
39	66.8		52.9	79.3





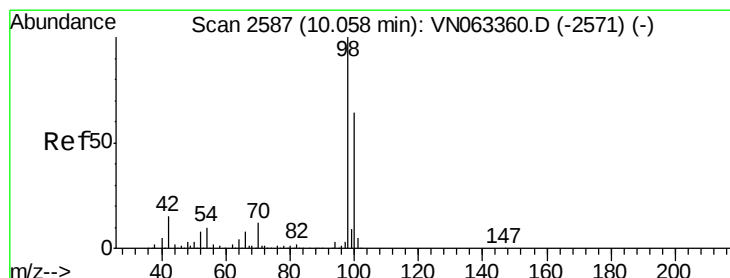
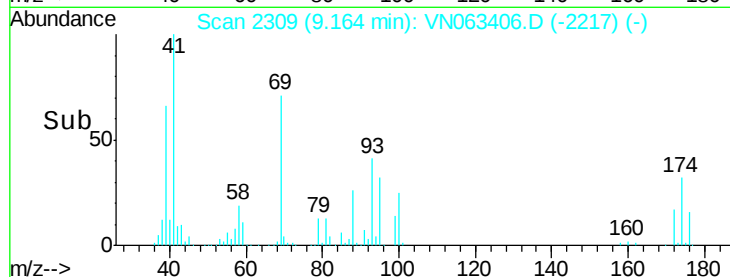
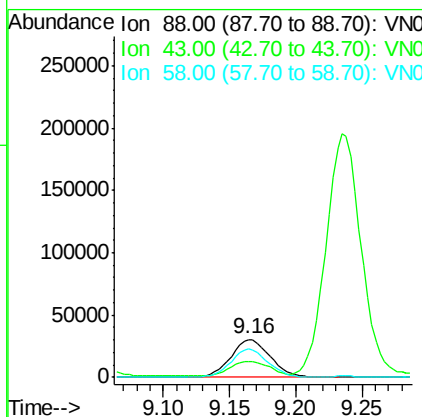
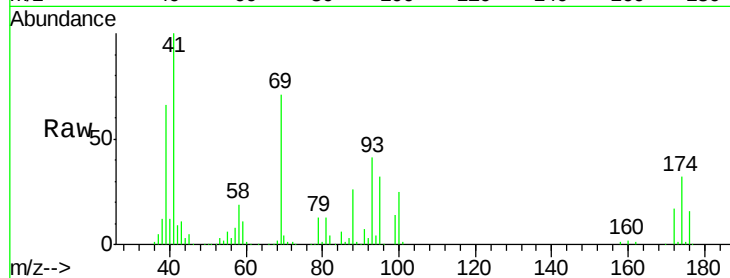
#49
 1,4-Dioxane
 Concen: 960.097 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 62913
 Ion Ratio Lower Upper
 88 100
 43 38.9 32.6 49.0
 58 71.9 60.0 90.0

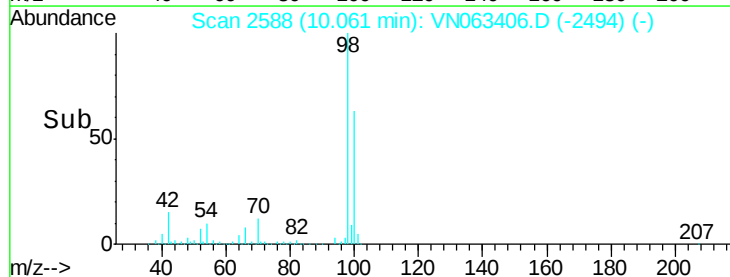
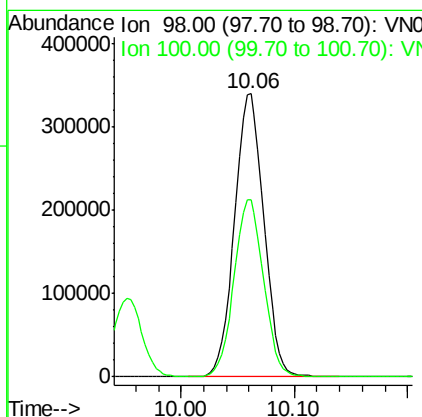
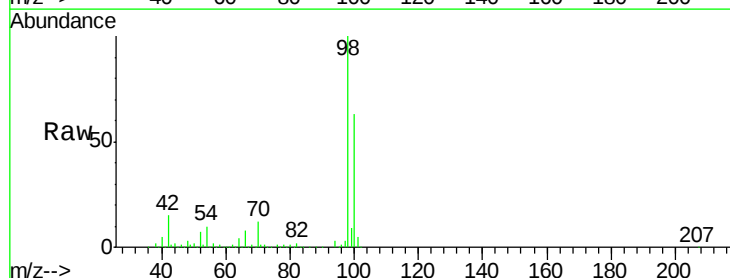
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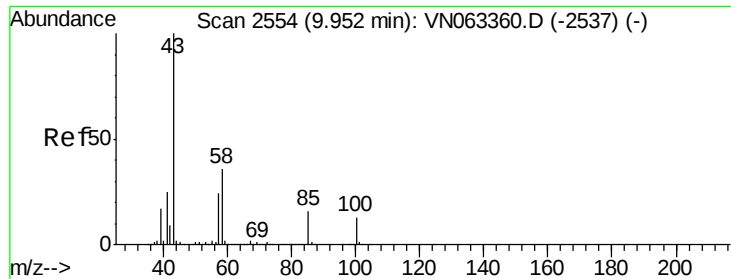
MMDadoda
 9/17/2020 1:44:18 PM



#50
 Toluene-d8
 Concen: 47.573 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 98 Resp: 615594
 Ion Ratio Lower Upper
 98 100
 100 62.7 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 253.068 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1316740

Ion Ratio Lower Upper

43 100

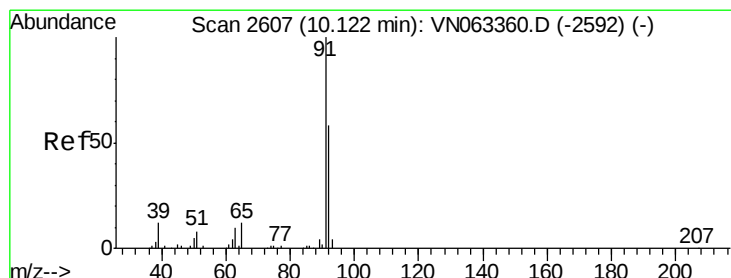
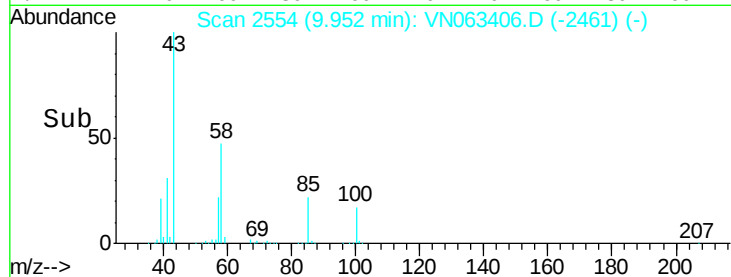
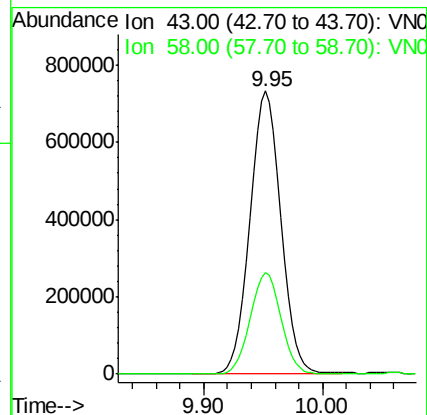
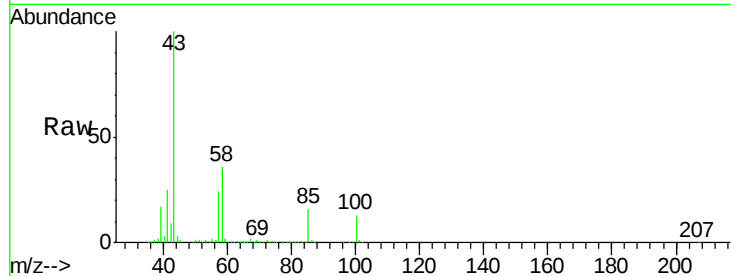
58 35.8 29.0 43.6

Manual Integrations

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#52

Toluene

Concen: 49.508 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063406.D

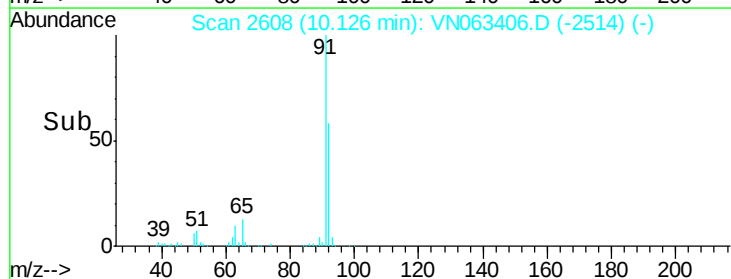
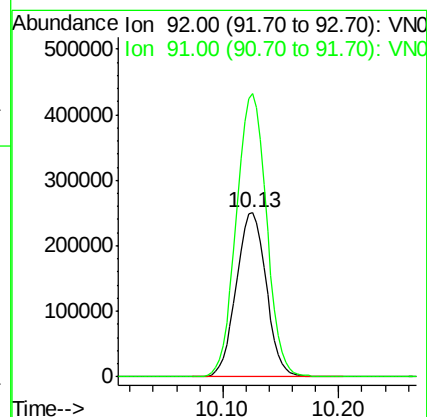
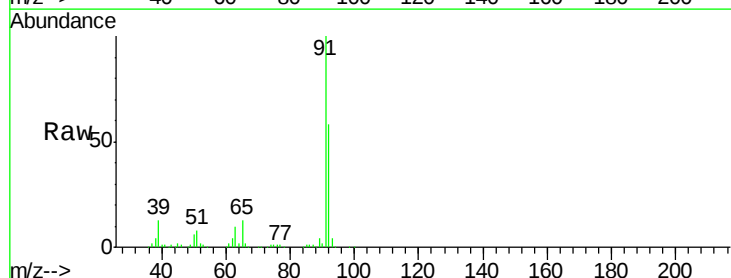
Acq: 17 Sep 2020 8:39

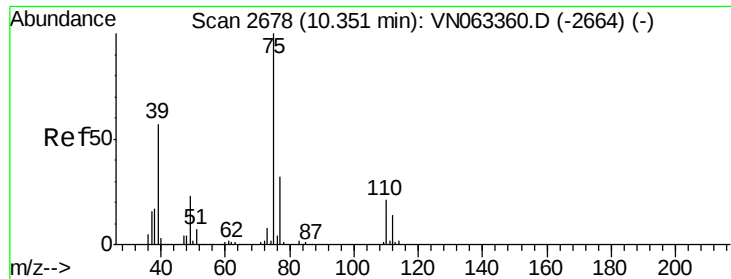
Tgt Ion: 92 Resp: 449994

Ion Ratio Lower Upper

92 100

91 173.9 139.7 209.5





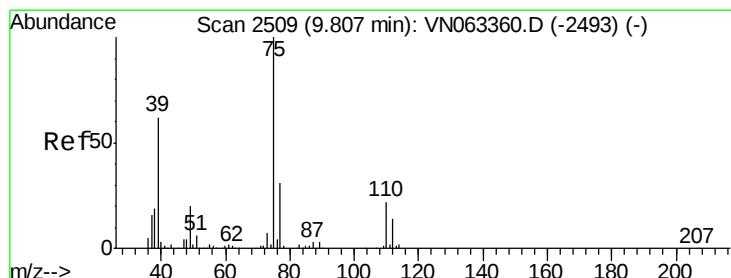
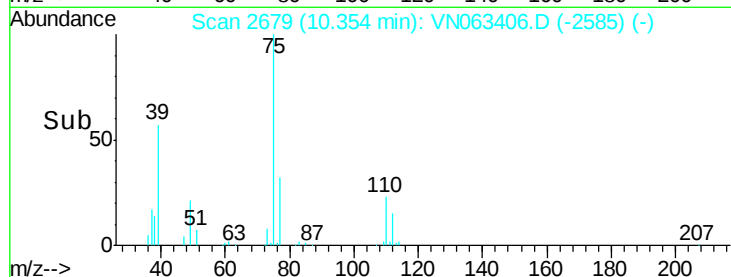
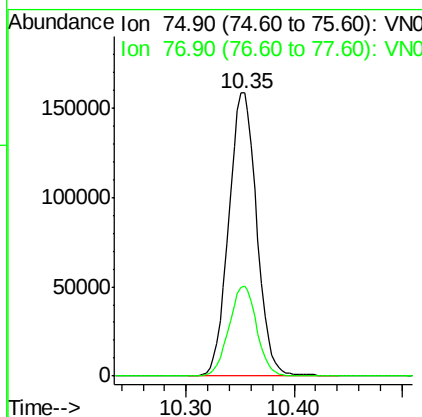
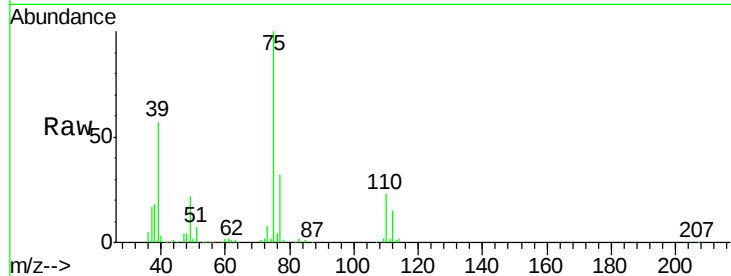
#53
 t-1,3-Dichloropropene
 Concen: 45.697 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 286812
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2

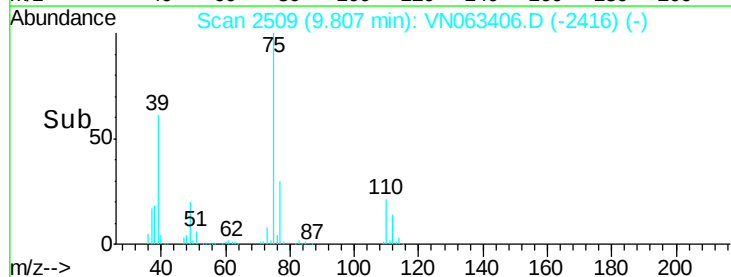
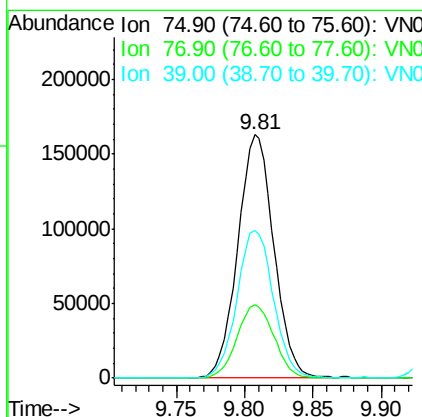
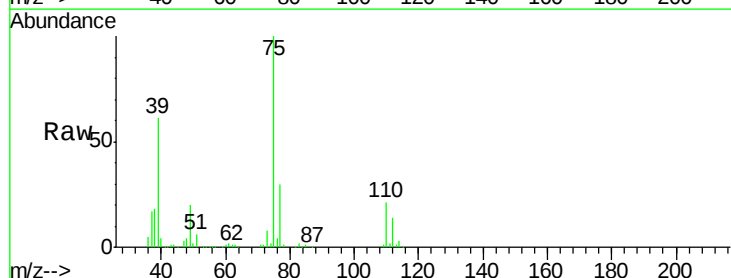
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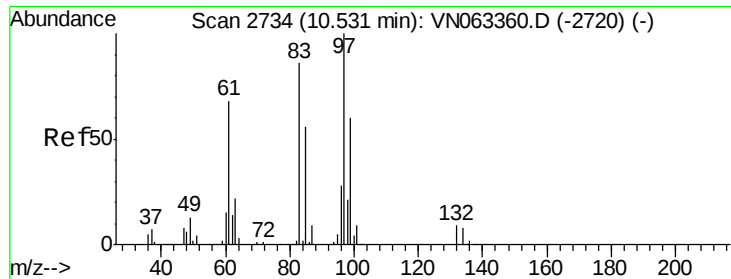
MMDadoda
 9/17/2020 1:44:18 PM



#54
 cis-1,3-Dichloropropene
 Concen: 45.174 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion: 75 Resp: 299069
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.6 37.0
 39 60.7 49.8 74.8





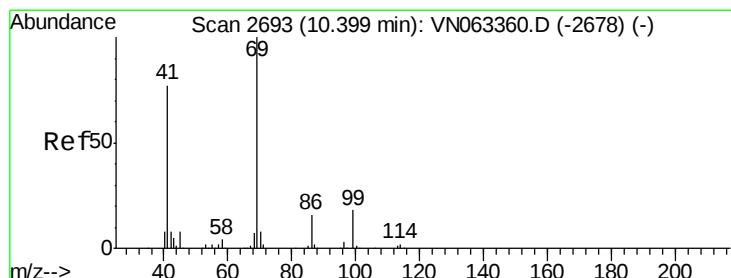
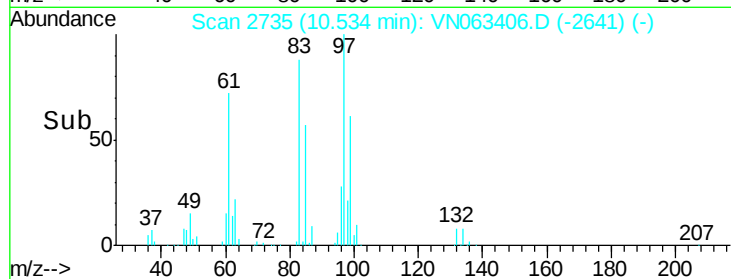
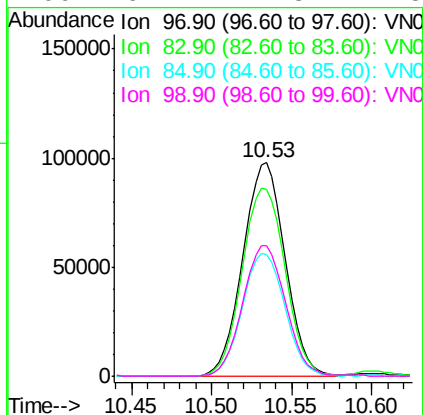
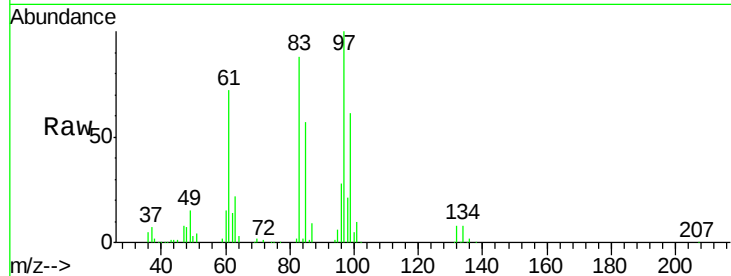
#55
 1,1,2-Trichloroethane
 Concen: 49.104 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		177283		
83	87.7	68.9	103.3		
85	56.8	44.8	67.2		
99	61.2	47.8	71.8		

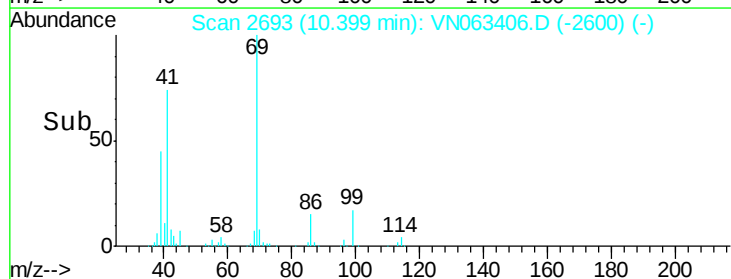
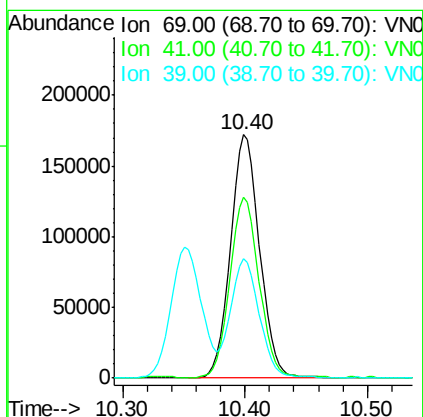
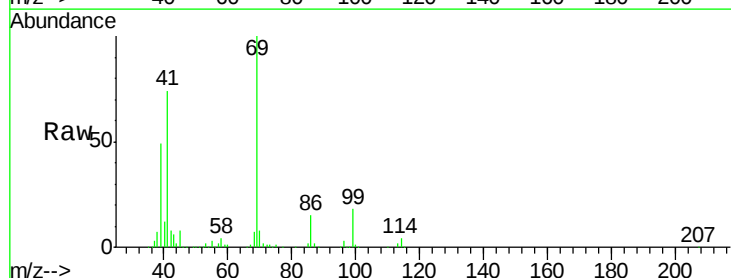
Manual Integrations
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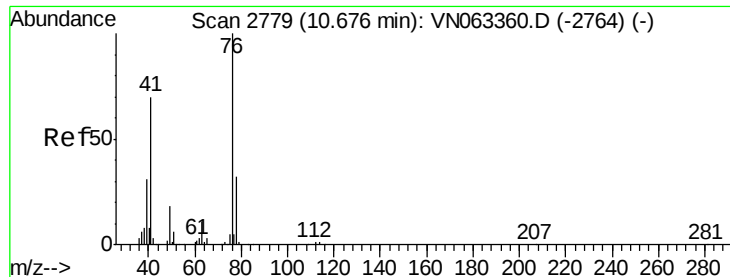
MMDadoda
 9/17/2020 1:44:18 PM



#56
 Ethyl methacrylate
 Concen: 50.773 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		286163		
41	74.3	61.0	91.6		
39	48.6	39.2	58.8		





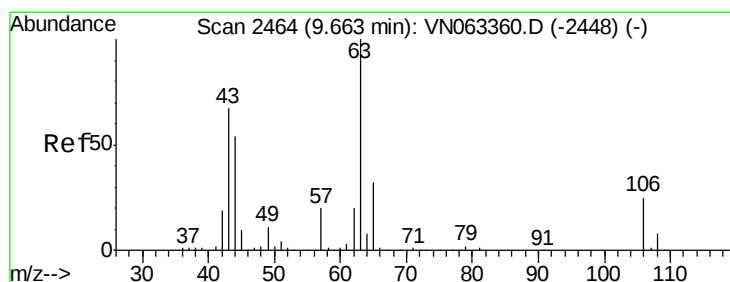
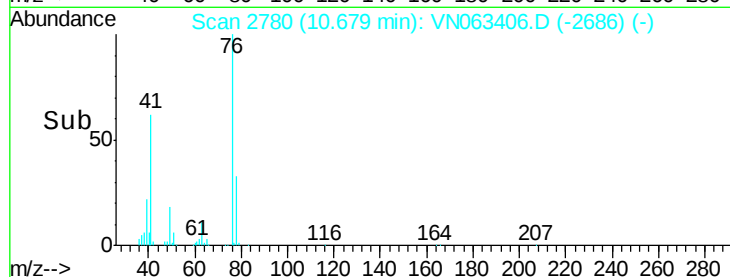
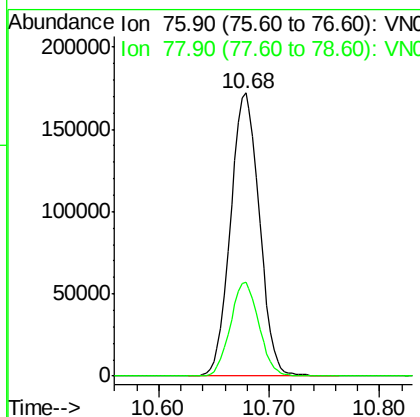
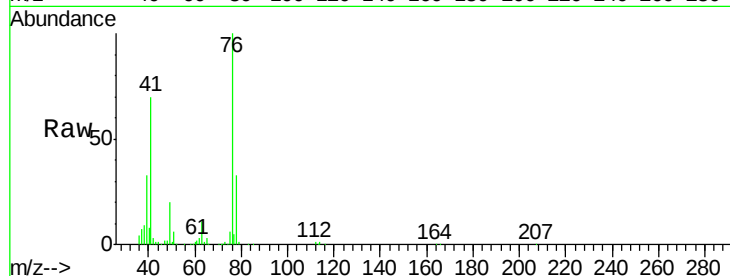
#57
 1,3-Dichloropropane
 Concen: 48.010 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

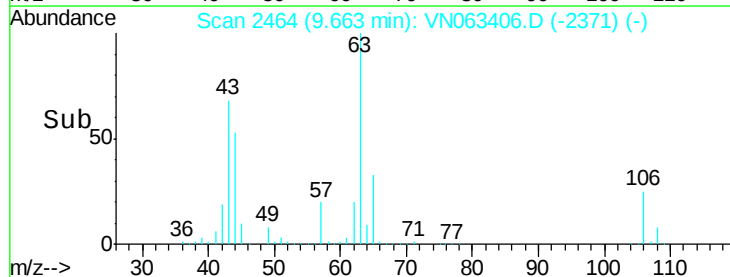
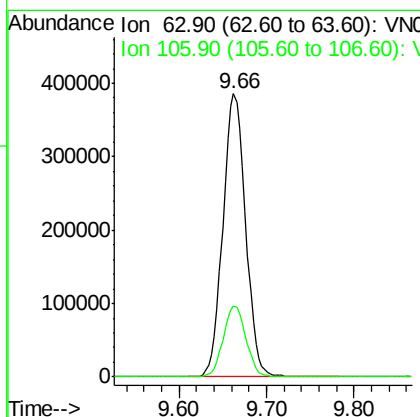
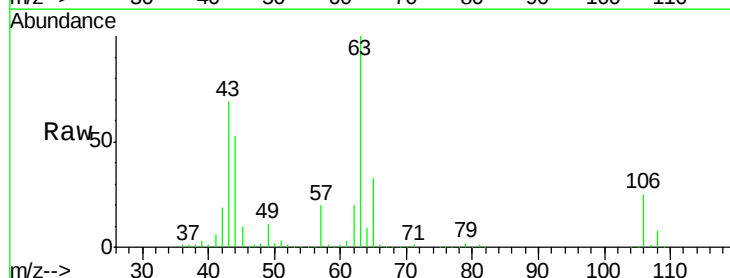
Manual Integrations
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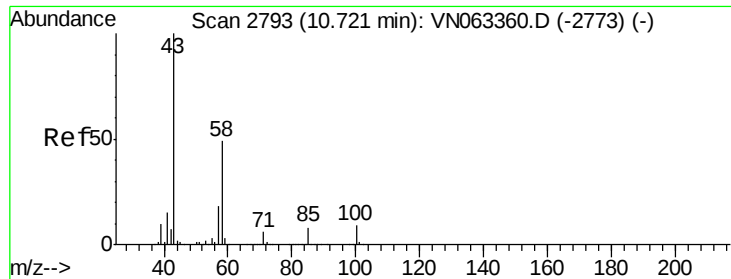
MMDadoda
 9/17/2020 1:44:18 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.973 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.0	19.5	29.3





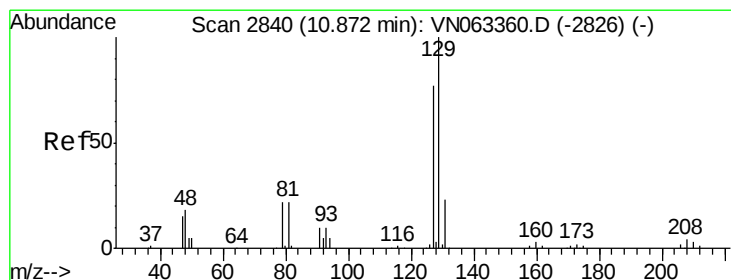
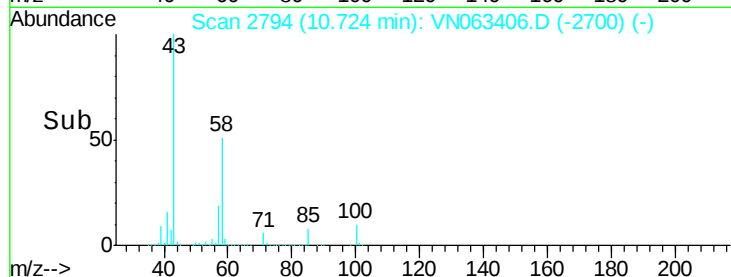
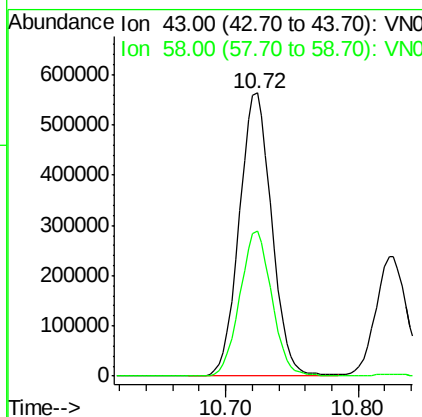
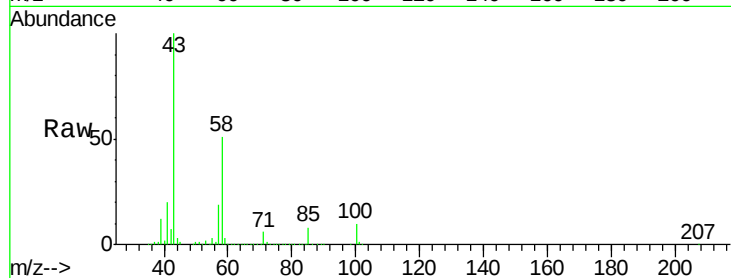
#59
2-Hexanone
Concen: 253.185 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 954382
Ion Ratio Lower Upper
43 100
58 50.7 24.7 74.1

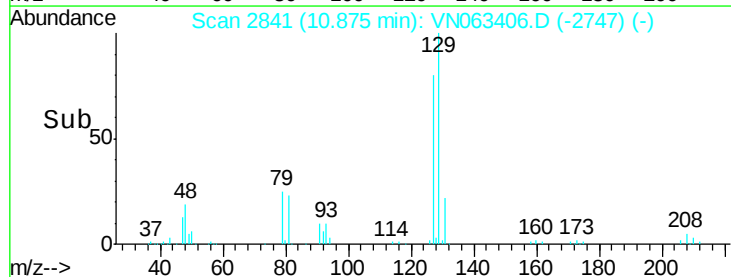
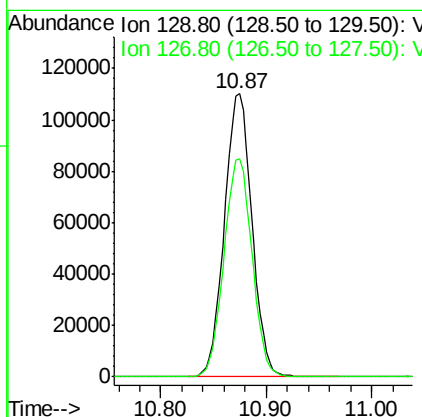
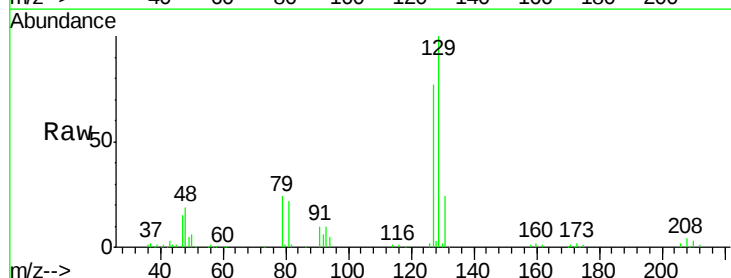
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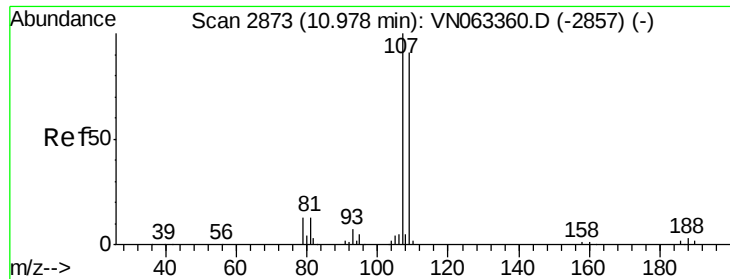
MMDadoda
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#60
Dibromochloromethane
Concen: 48.873 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 129 Resp: 199339
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3





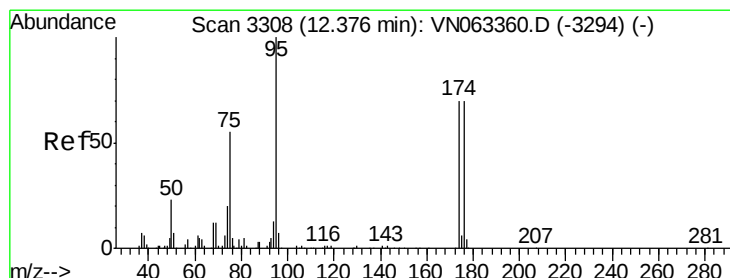
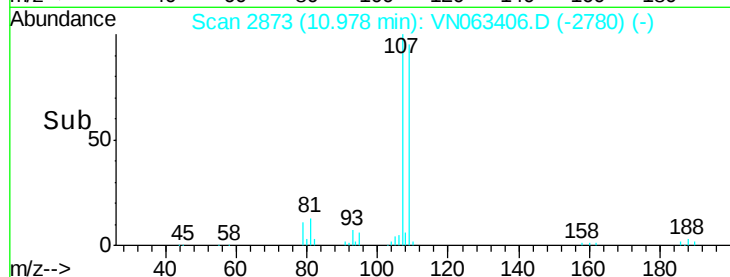
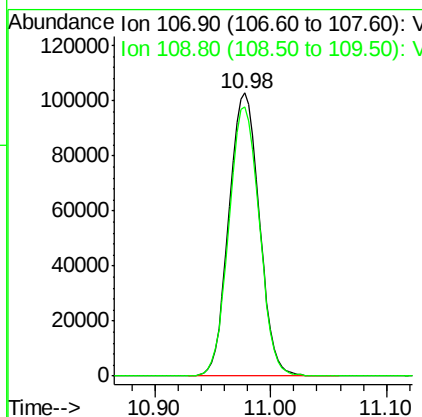
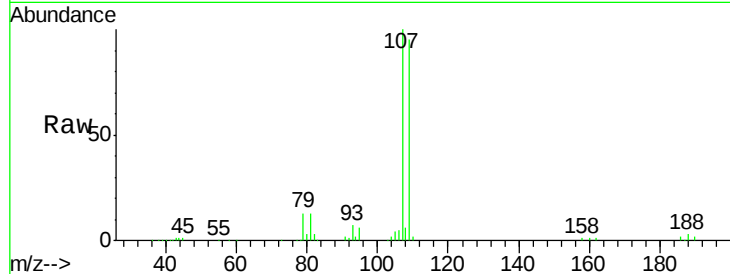
#61
 1,2-Dibromoethane
 Concen: 49.667 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	186295		
109	95.3	74.6	111.8	

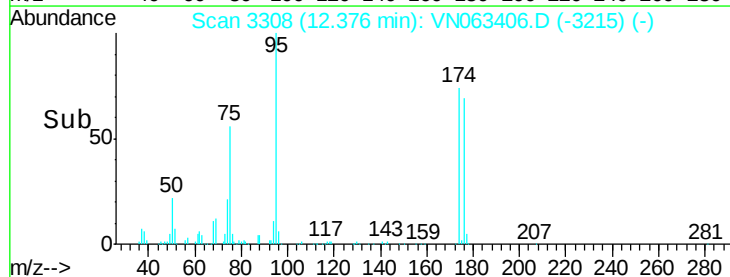
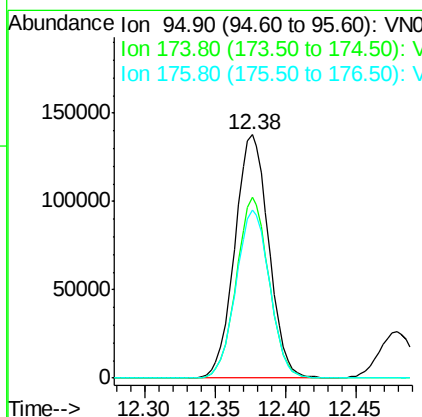
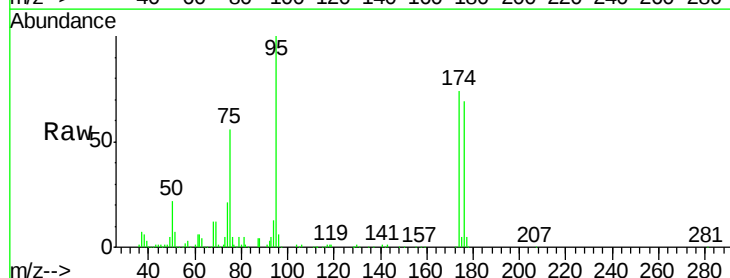
Manual Integrations
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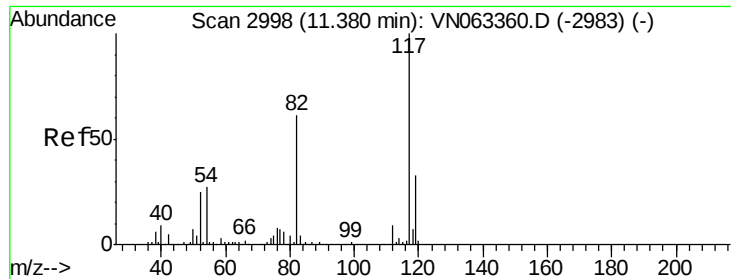
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 9/17/2020 1:44:18 PM



#62
 4-Bromofluorobenzene
 Concen: 49.047 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	232656		
174	71.3	0.0	140.8	
176	68.5	0.0	137.6	





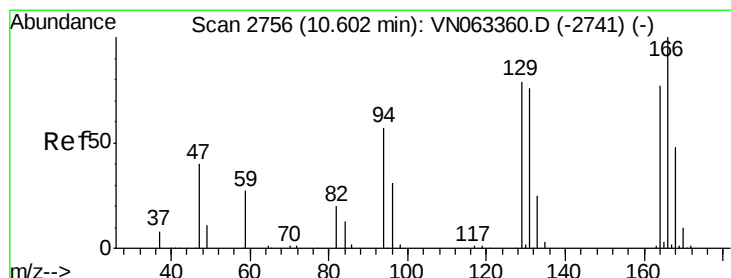
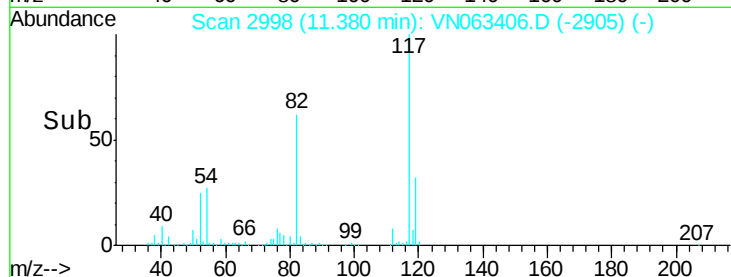
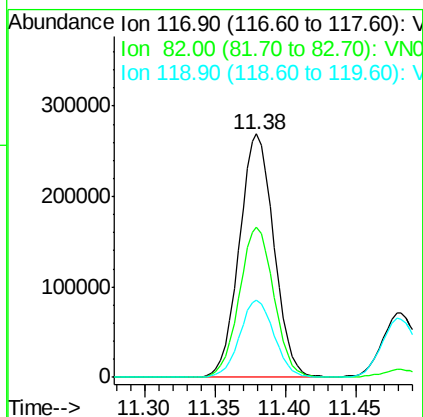
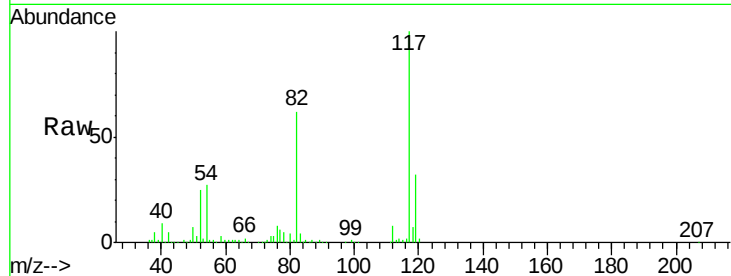
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.2	73.8
119	31.6	26.2	39.4

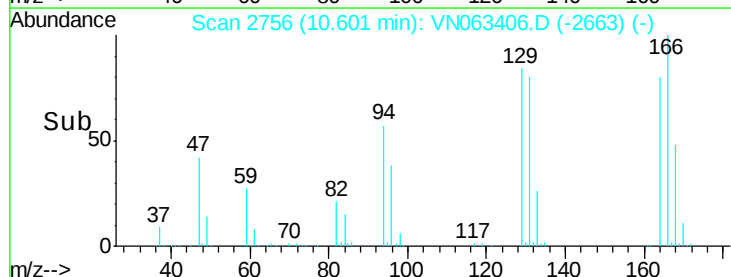
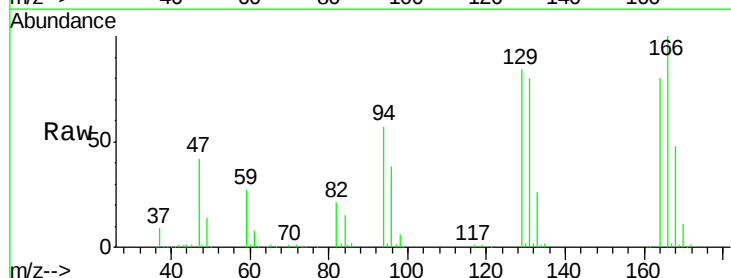
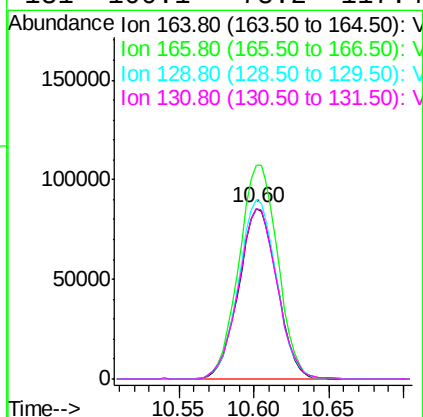
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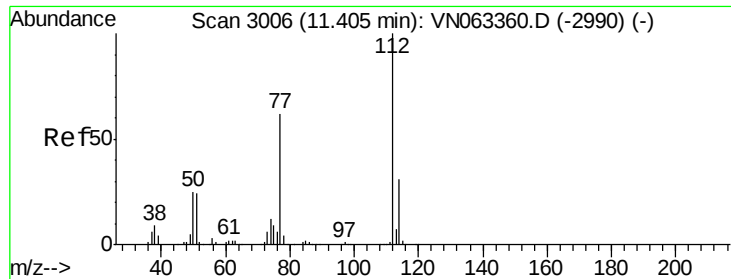
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#64
Tetrachloroethene
Concen: 48.481 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.4	155.0
129	105.0	81.8	122.6
131	100.1	78.2	117.4





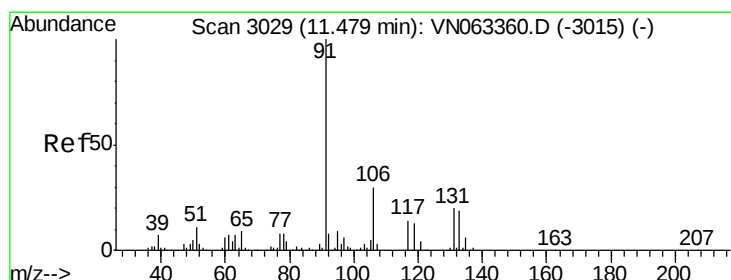
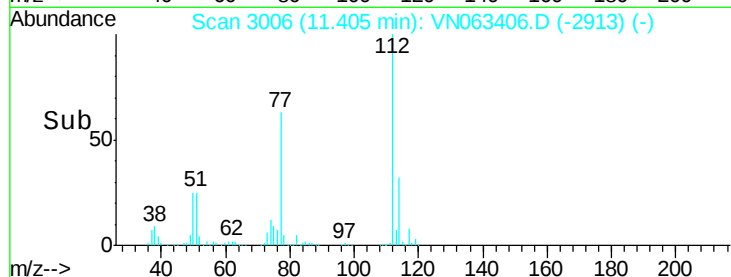
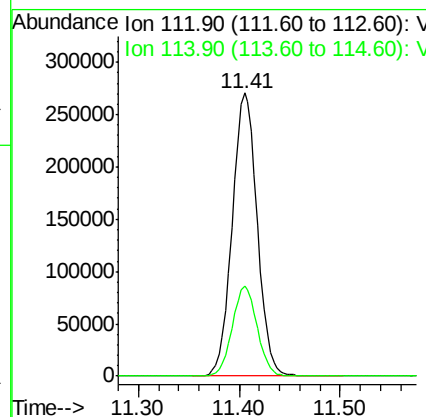
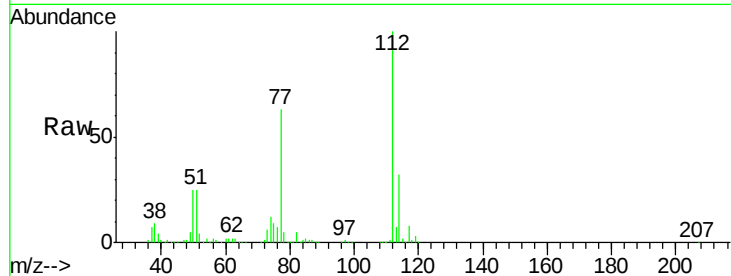
#65
Chlorobenzene
Concen: 47.687 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 468159
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6

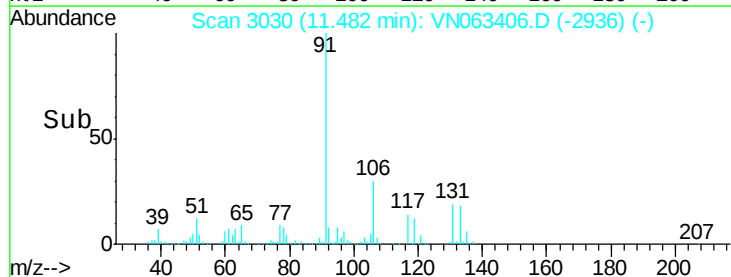
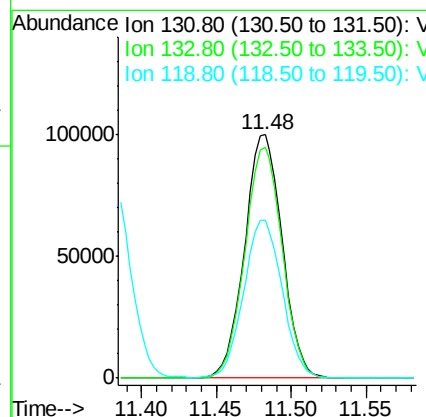
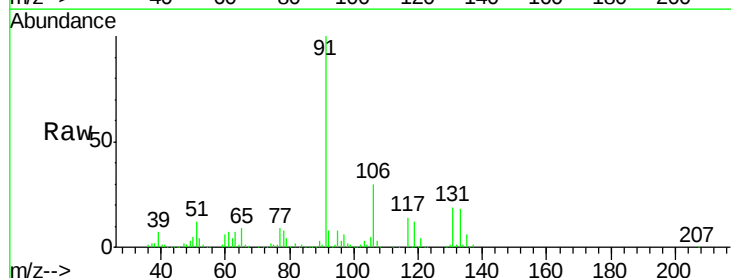
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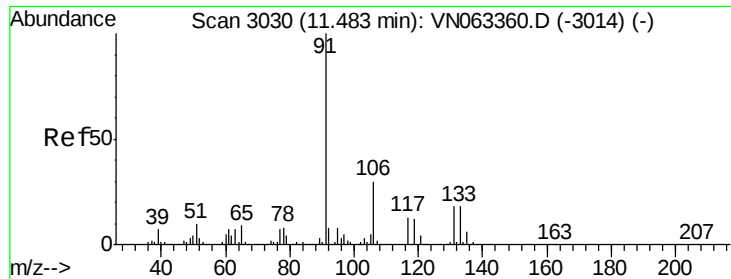
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.638 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion:131 Resp: 175033
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 66.5 33.6 100.8





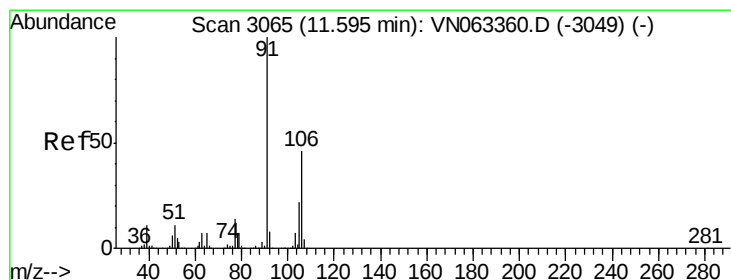
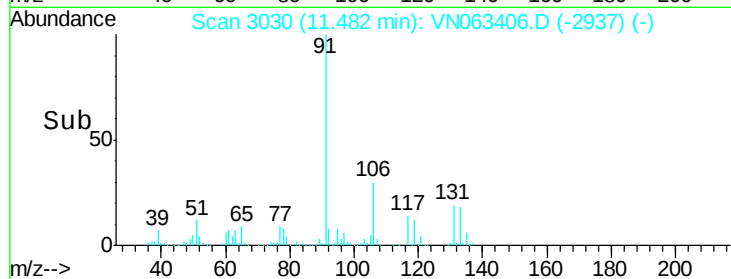
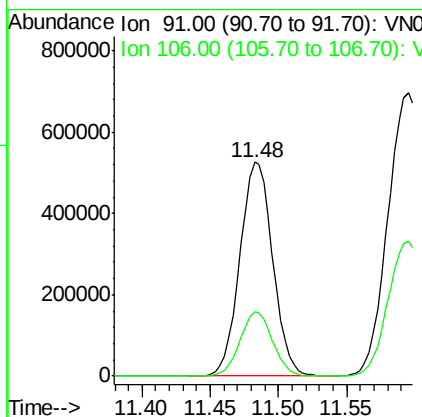
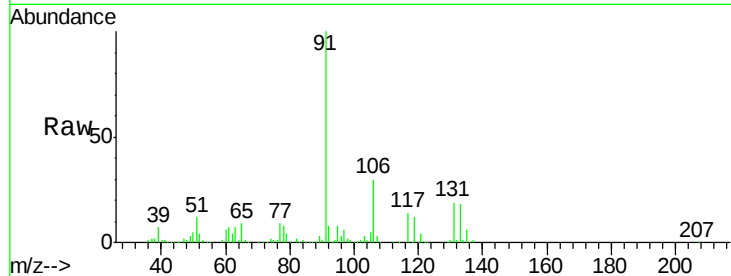
#67
Ethyl Benzene
Concen: 47.625 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 880487
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6

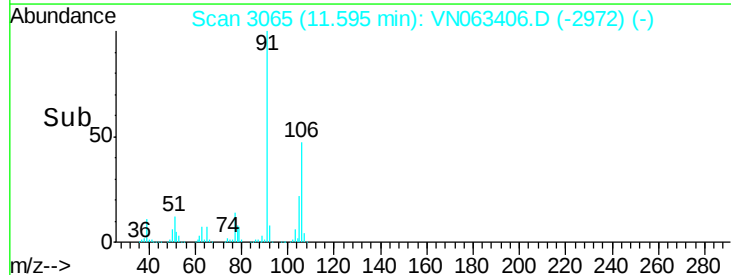
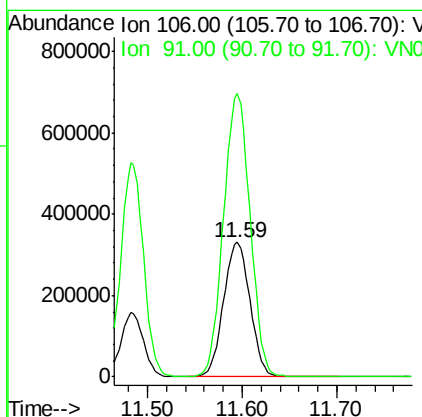
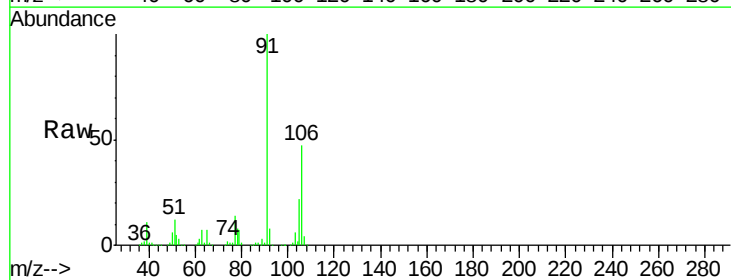
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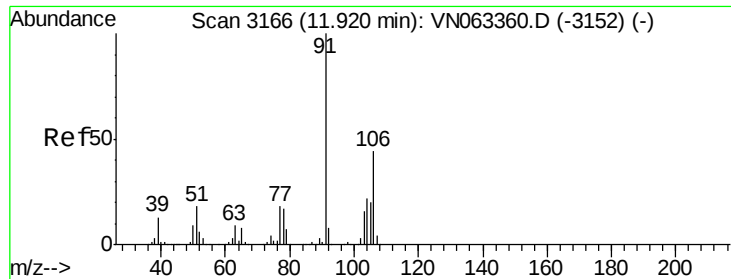
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#68
m/p-Xylenes
Concen: 96.215 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion: 106 Resp: 641352
Ion Ratio Lower Upper
106 100
91 212.2 171.2 256.8





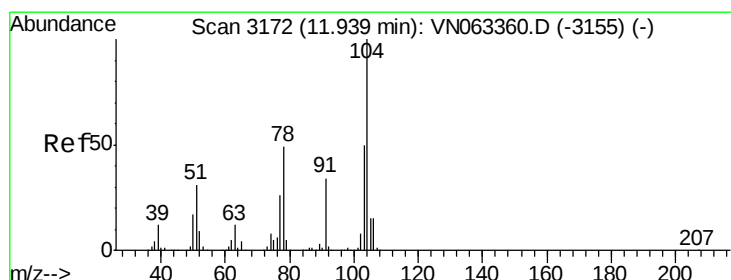
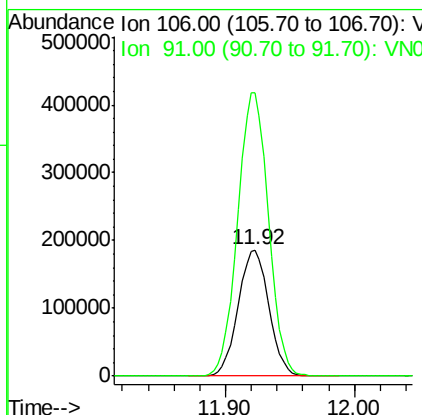
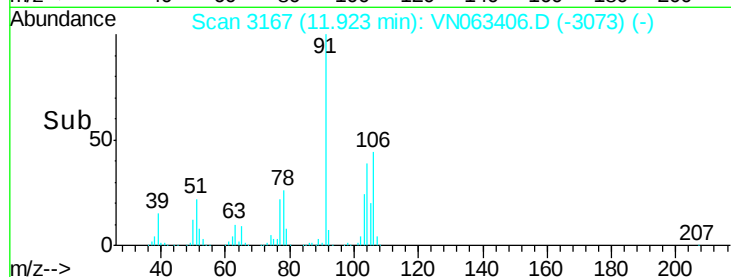
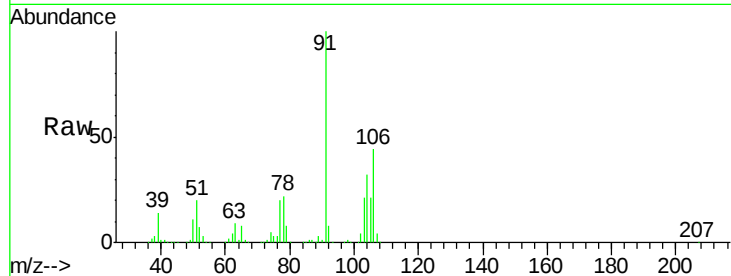
#69
o-Xylene
Concen: 48.592 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	225.3	113.6	340.8

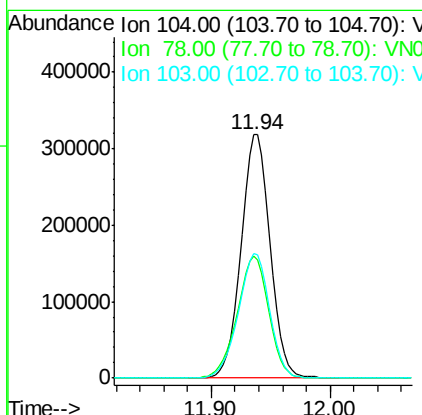
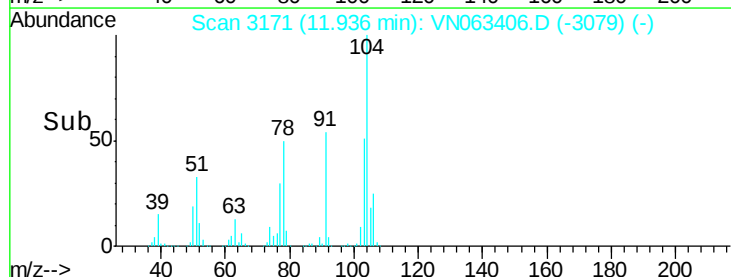
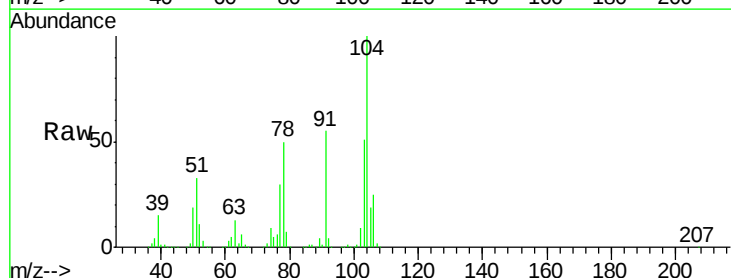
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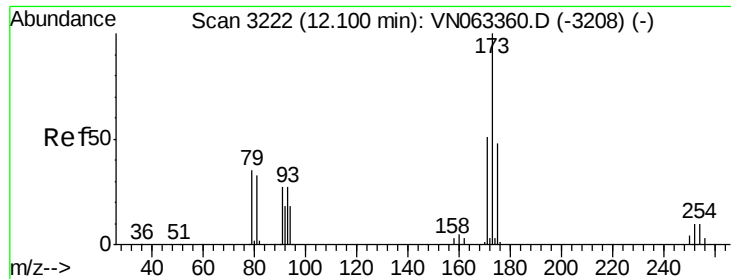
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#70
Styrene
Concen: 50.517 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.7	44.4	66.6
103	55.1	43.7	65.5





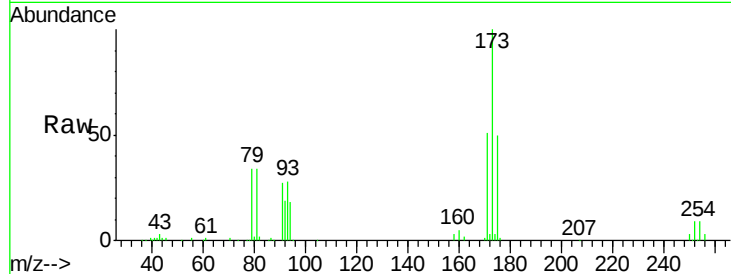
#71
Bromoform
Concen: 49.424 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.0	72.0
254	0.0	0.0	0.0

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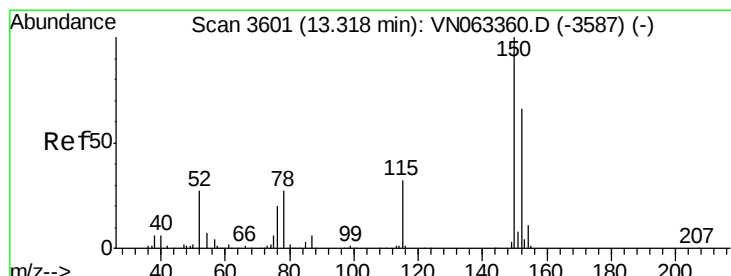
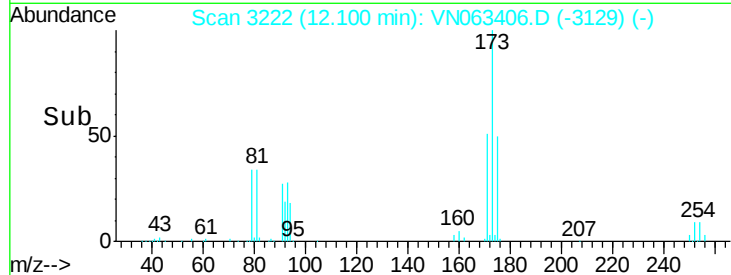
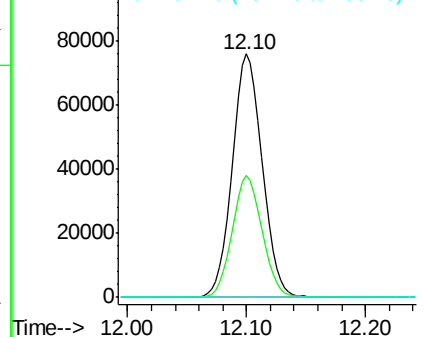


Abundance

Ion 172.70 (172.40 to 173.40): V

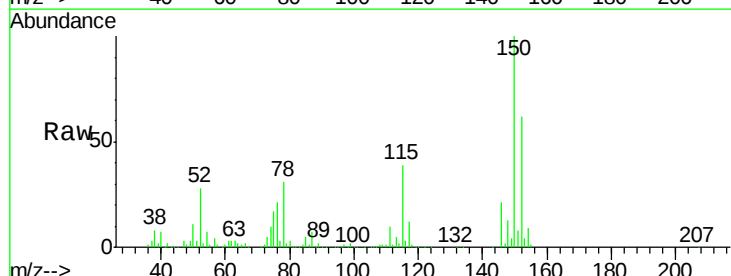
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	32.2	96.6
150	173.5	0.0	343.4

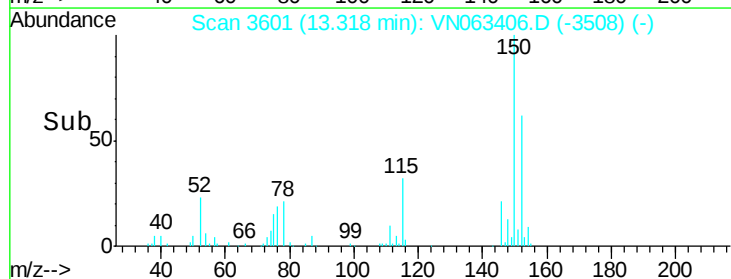
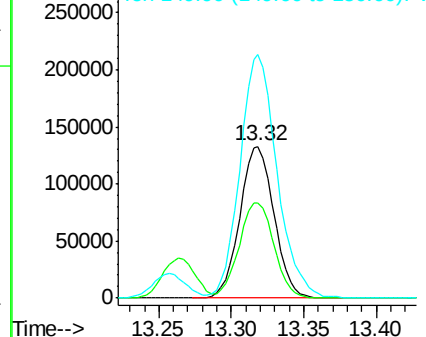


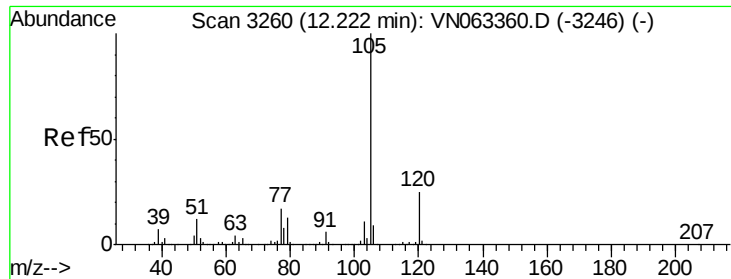
Abundance

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: 48.444 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 843550

Ion Ratio Lower Upper

105 100

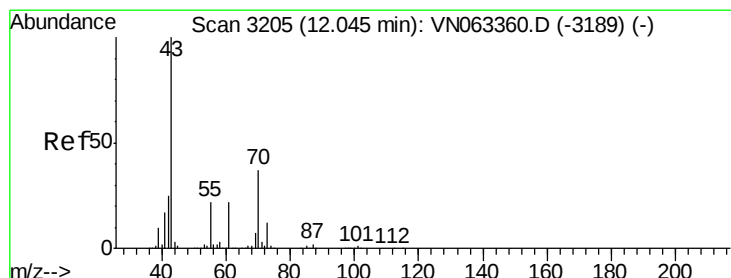
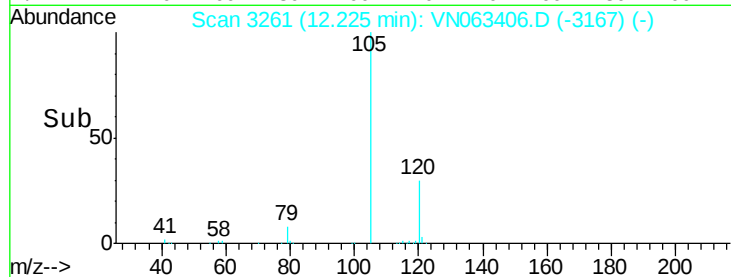
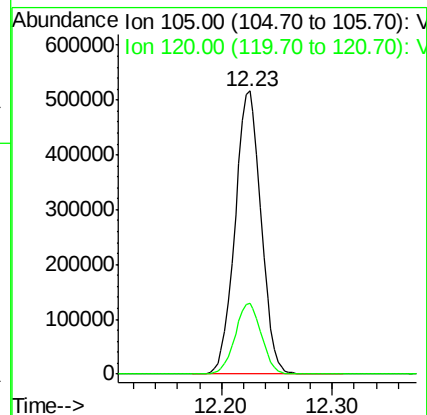
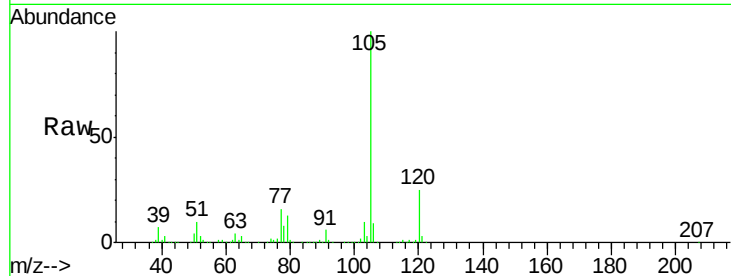
120 25.2 12.7 38.0

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#74

N-ethyl acetate

Concen: 49.369 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Tgt Ion: 43 Resp: 406937

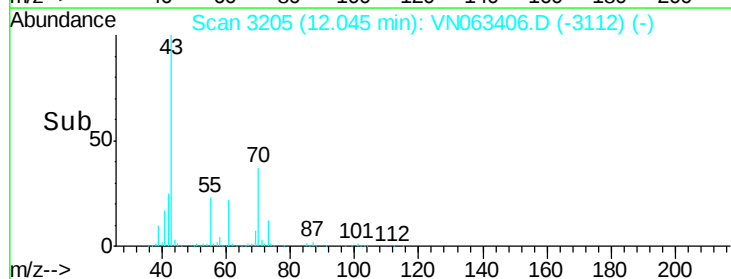
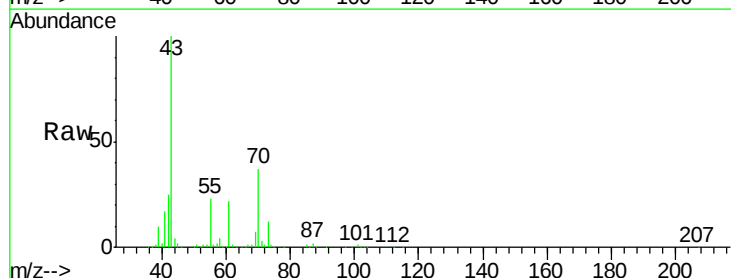
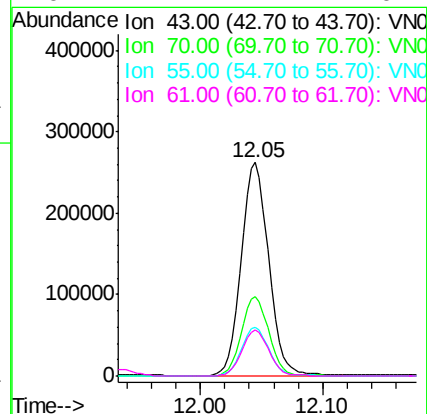
Ion Ratio Lower Upper

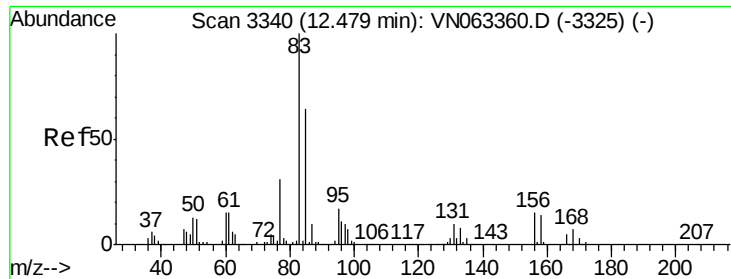
43 100

70 37.6 29.6 44.4

55 23.1 17.7 26.5

61 21.7 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.453 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 261242

Ion Ratio Lower Upper

83 100

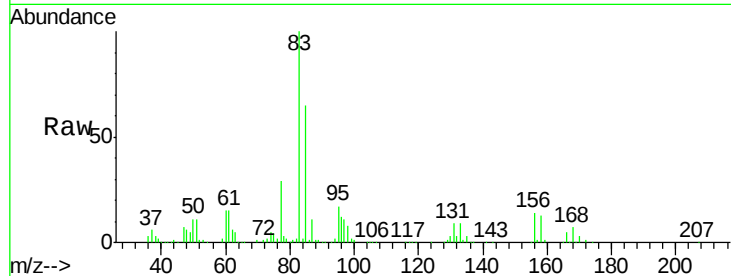
131 9.5 4.9 14.7

85 64.7 32.0 96.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)

12.48

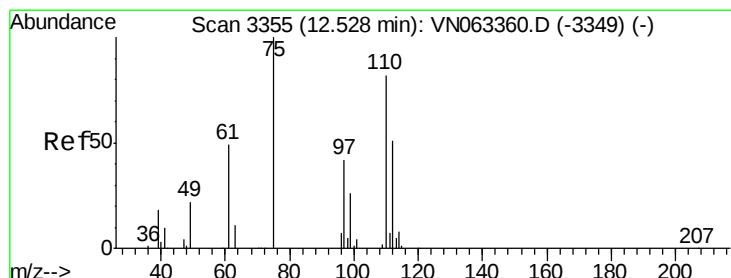
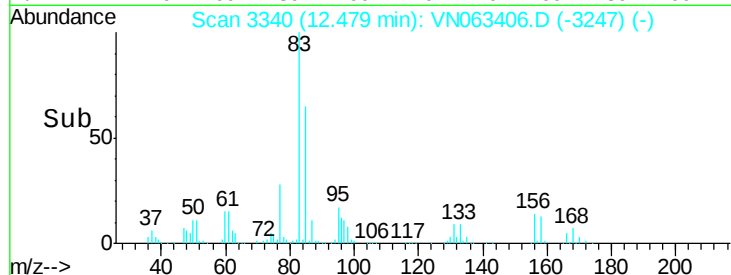
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 45.260 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063406.D

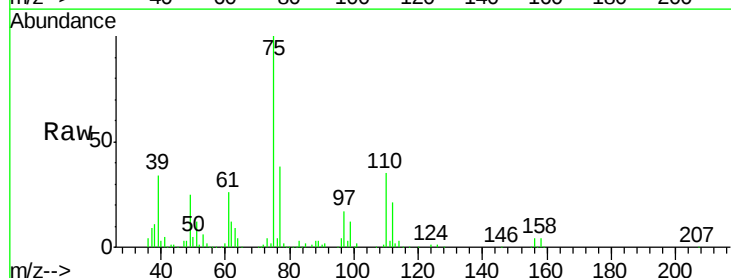
Acq: 17 Sep 2020 8:39

Tgt Ion: 75 Resp: 243428

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)

250000

200000

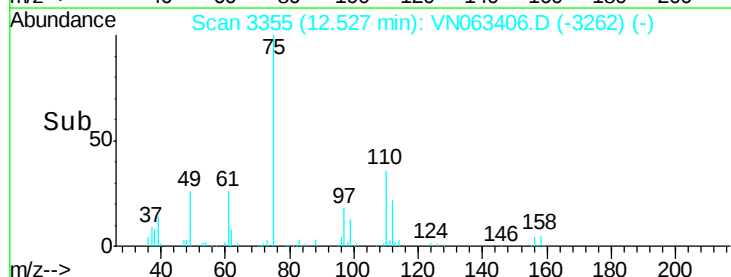
150000

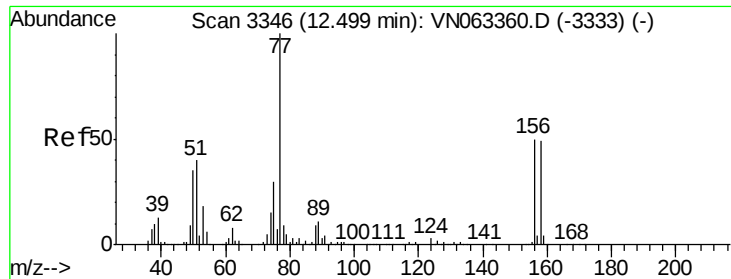
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 49.524 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

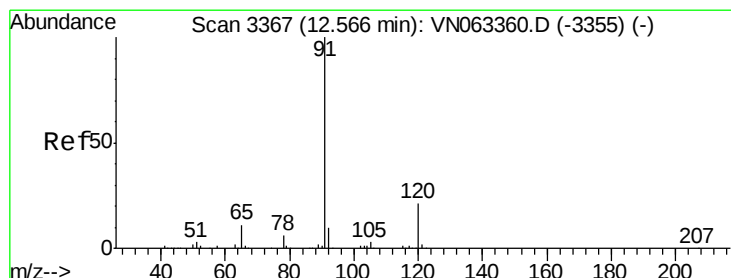
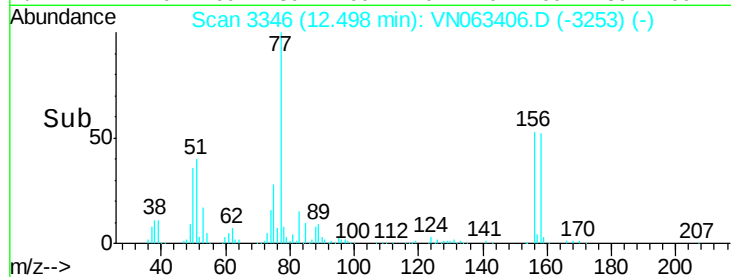
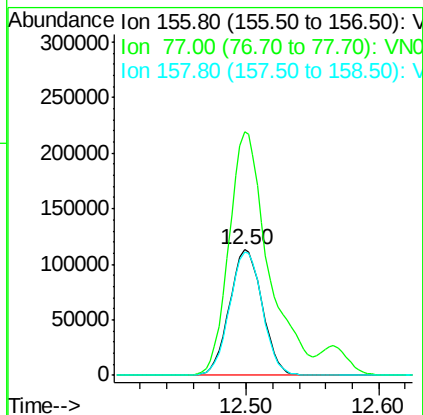
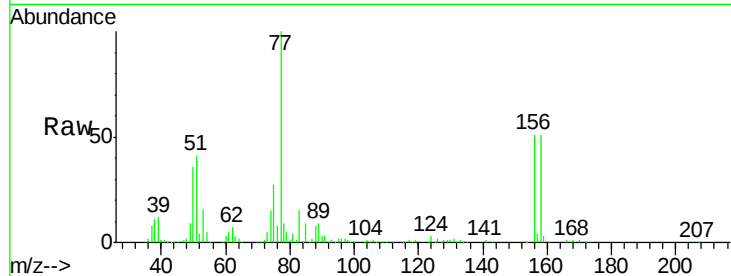
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	193984
Ion Ratio	Lower	Upper	
156	100		
77	233.4	120.2	360.6
158	98.2	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 47.933 ug/l

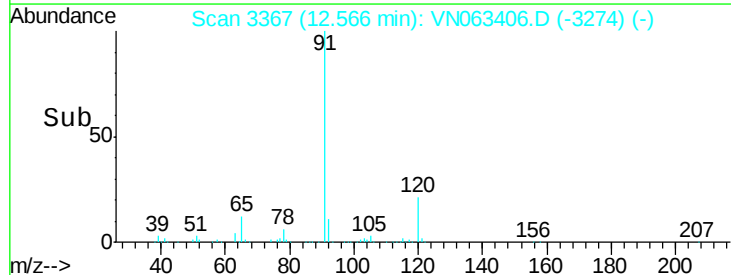
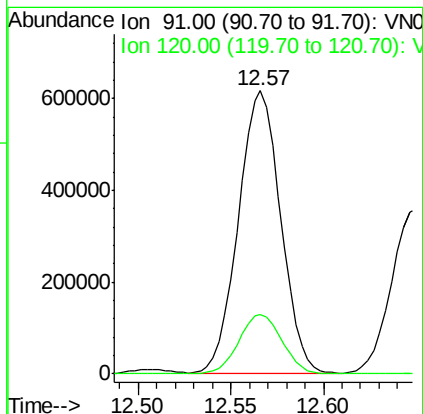
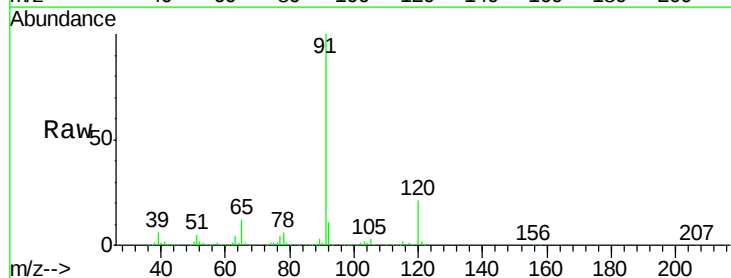
RT: 12.57 min Scan# 3367

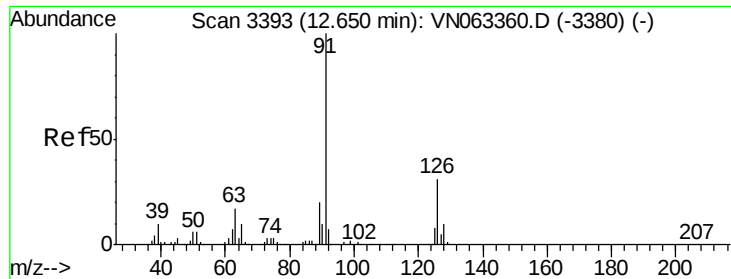
Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Tgt Ion:	91	Resp:	972153
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.3





#79

2-Chlorotoluene

Concen: 48.807 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 593380

Ion Ratio Lower Upper

91 100

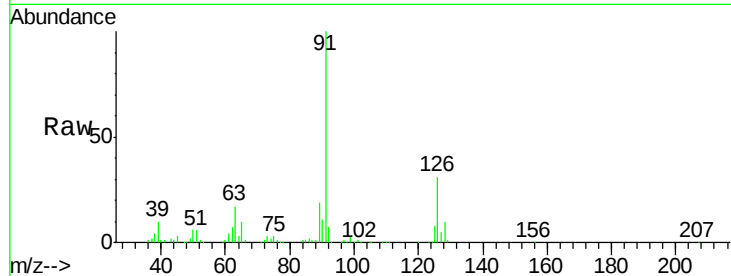
126 31.3 15.8 47.3

Manual Integrations

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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) (-)

600000

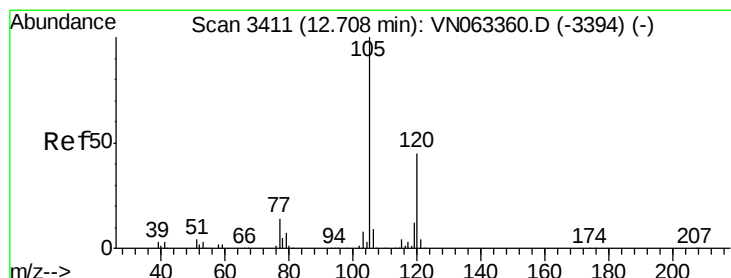
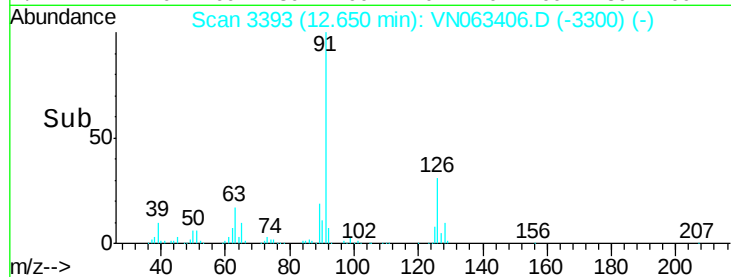
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.288 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063406.D

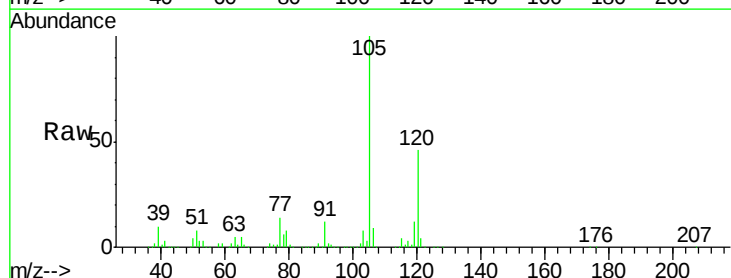
Acq: 17 Sep 2020 8:39

Tgt Ion: 105 Resp: 701146

Ion Ratio Lower Upper

105 100

120 46.0 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) (-)

500000

400000

300000

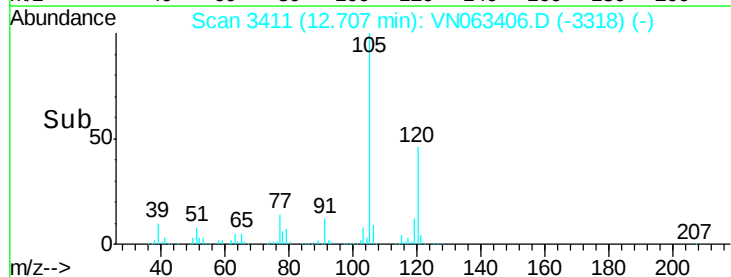
200000

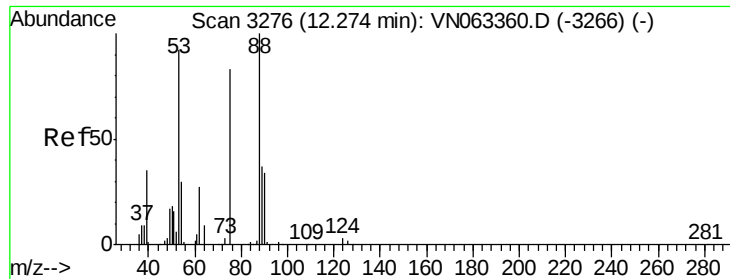
100000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 41.645 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 81697

Ion Ratio Lower Upper

75 100

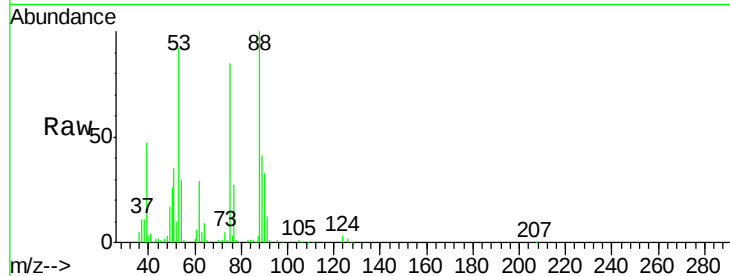
53 106.7 85.7 128.5

89 47.9 38.0 57.0

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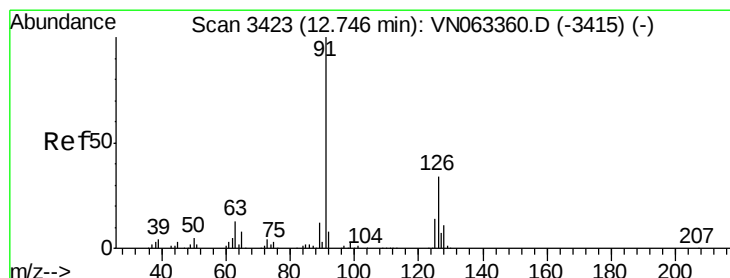
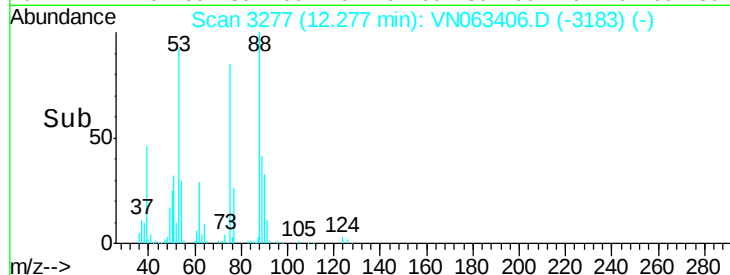
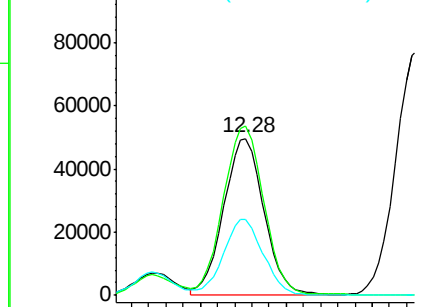
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.685 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063406.D

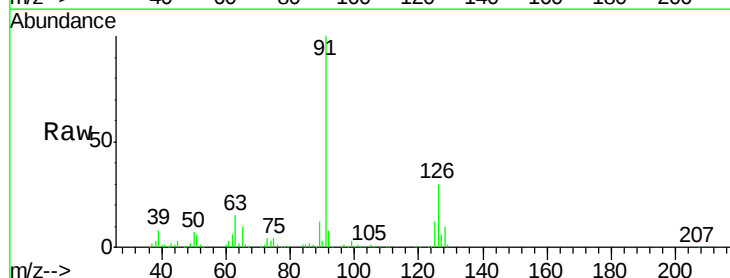
Acq: 17 Sep 2020 8:39

Tgt Ion: 91 Resp: 612541

Ion Ratio Lower Upper

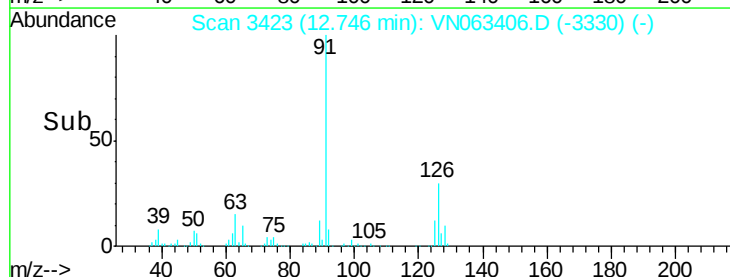
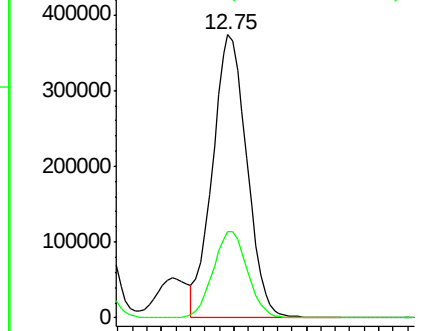
91 100

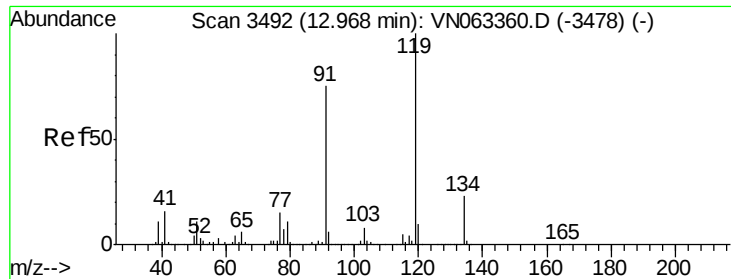
126 30.8 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





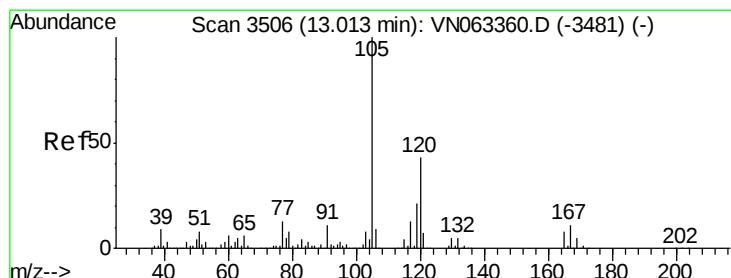
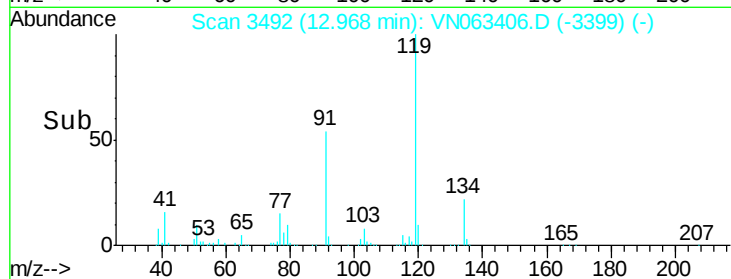
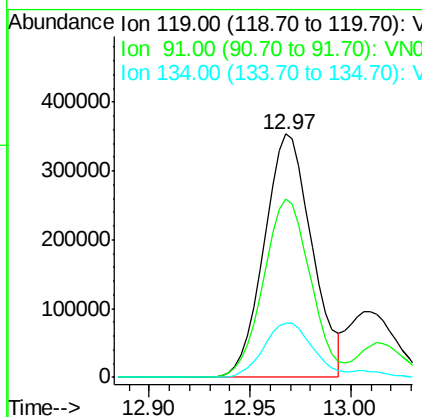
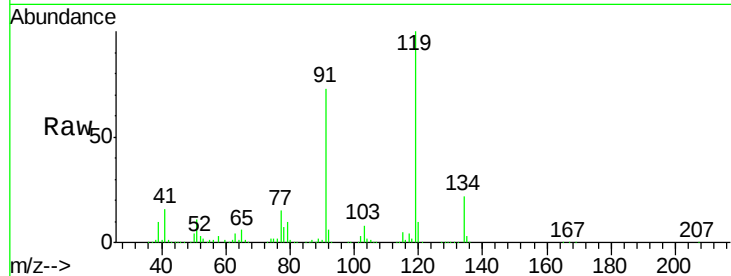
#83
tert-Butylbenzene
Concen: 48.480 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	580989		
91	72.3		36.3	108.9
134	22.9		12.3	36.8

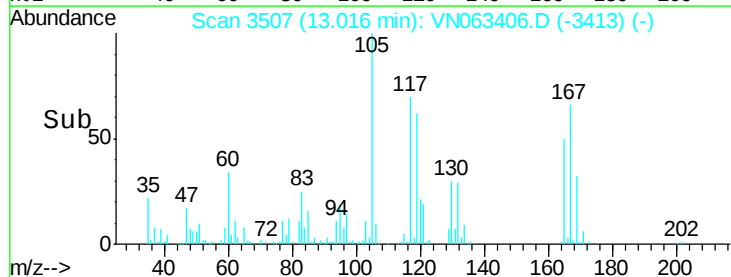
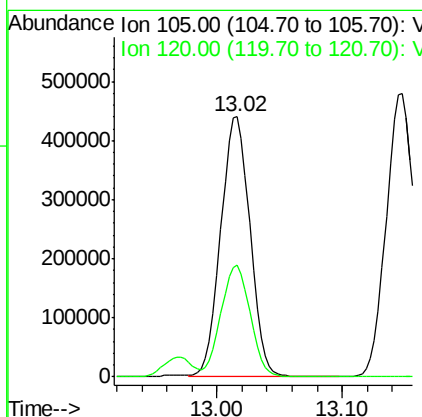
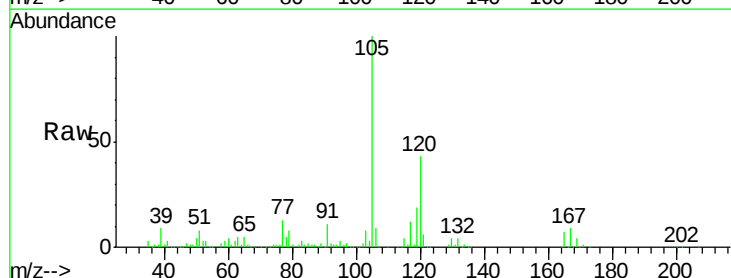
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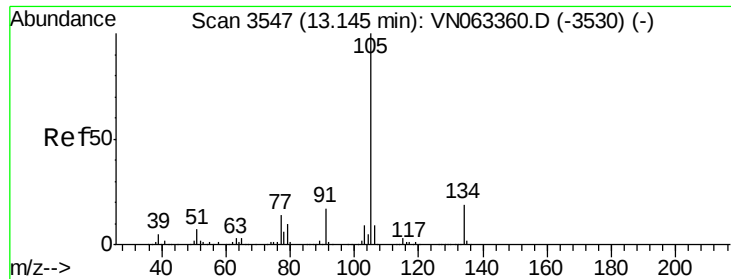
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#84
1,2,4-Trimethylbenzene
Concen: 48.581 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	712523		
120	42.7		21.3	63.9





#85

sec-Butylbenzene

Concen: 47.998 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 769964

Ion Ratio Lower Upper

105 100

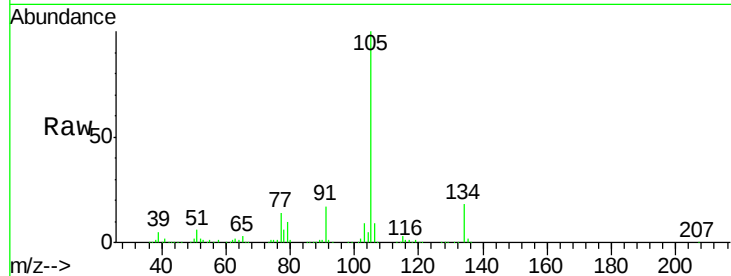
134 18.2 9.3 27.7

Manual Integrations

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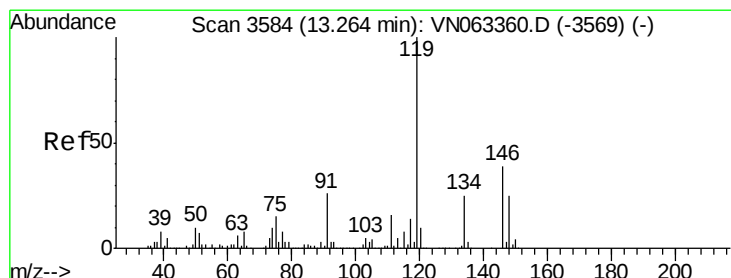
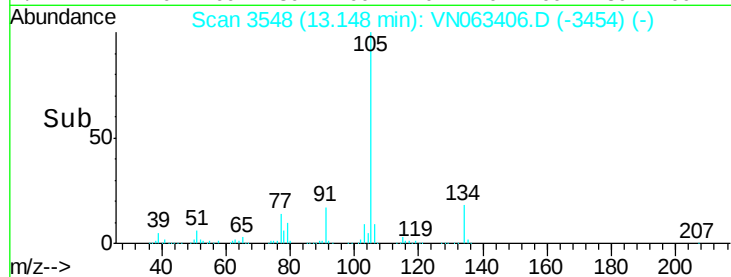
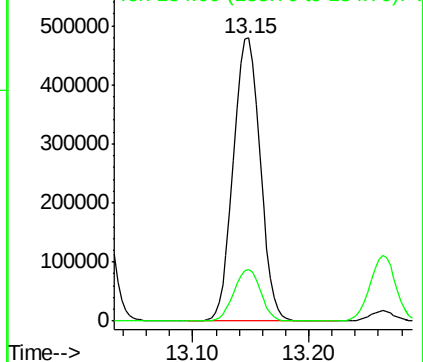
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.588 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

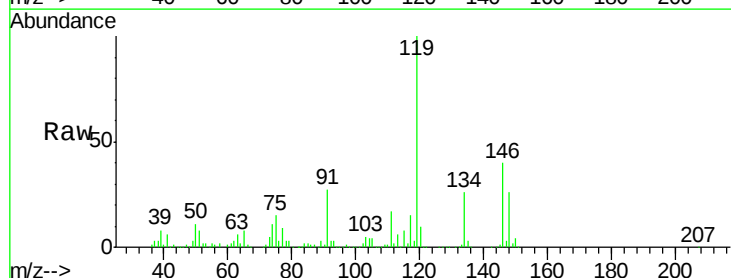
Tgt Ion:119 Resp: 673313

Ion Ratio Lower Upper

119 100

134 25.6 12.5 37.5

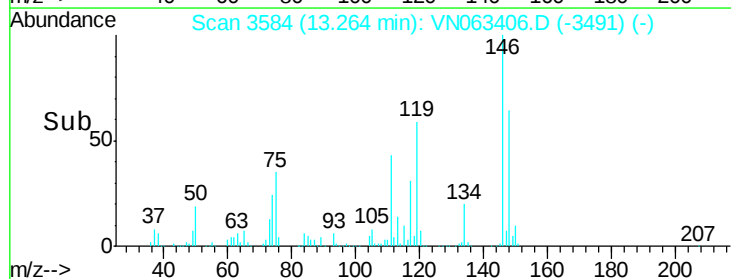
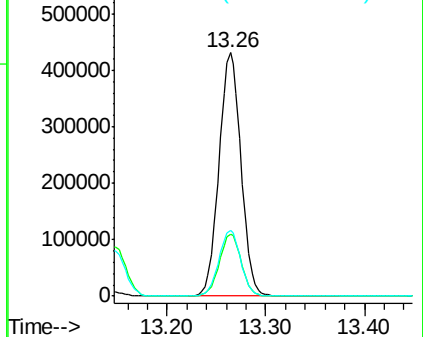
91 26.7 13.4 40.1

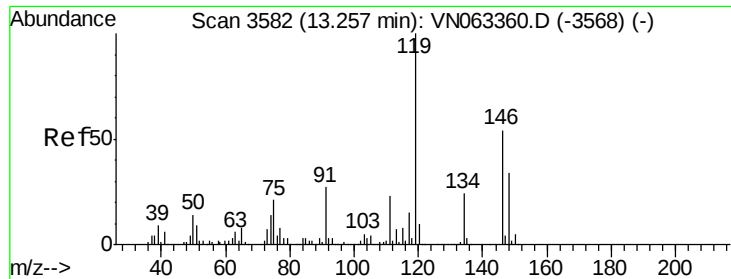


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.240 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Instrument :

MSVOA_N

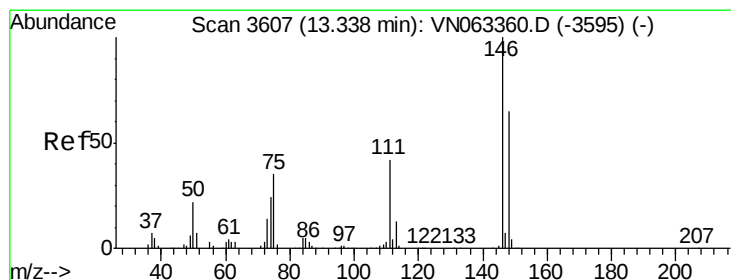
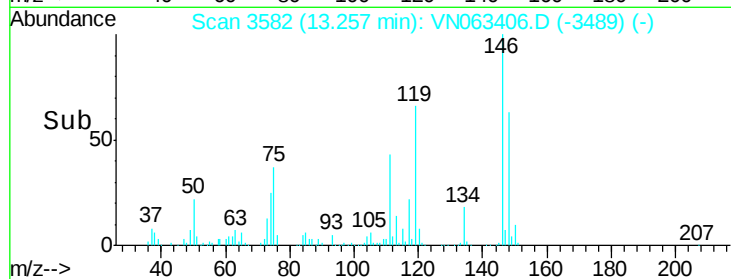
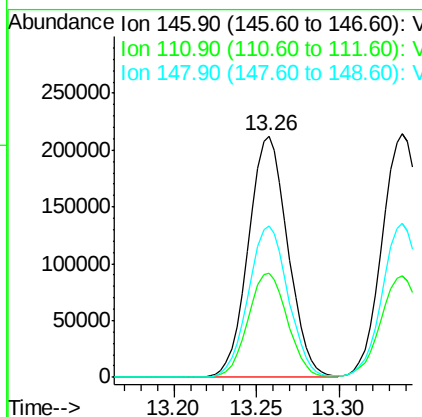
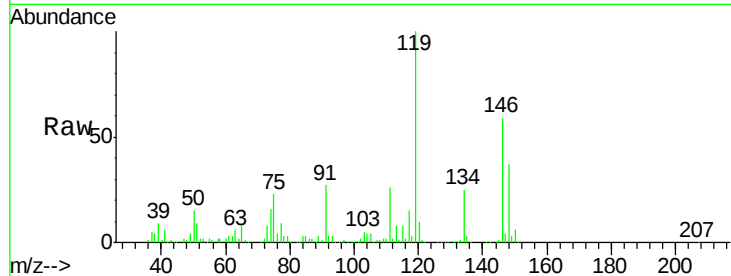
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	350216
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.4	64.3
148	63.4	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.343 ug/l

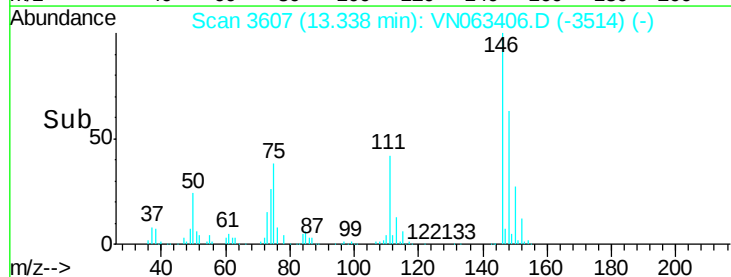
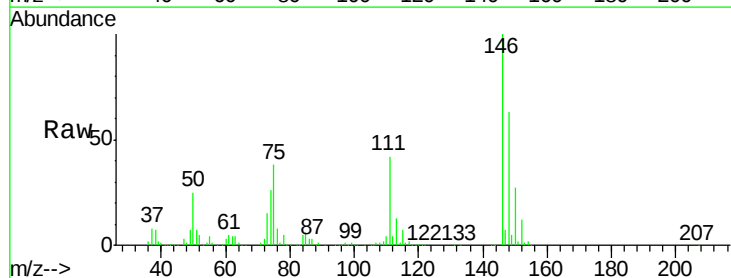
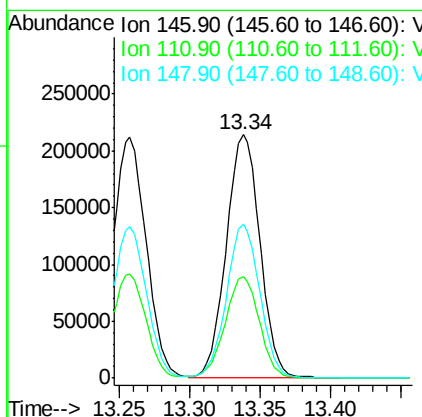
RT: 13.34 min Scan# 3607

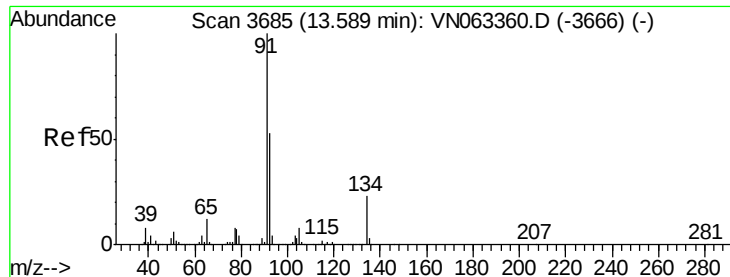
Delta R.T. -0.00 min

Lab File: VN063406.D

Acq: 17 Sep 2020 8:39

Tgt Ion:	146	Resp:	356830
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.2	63.6
148	62.9	31.9	95.9





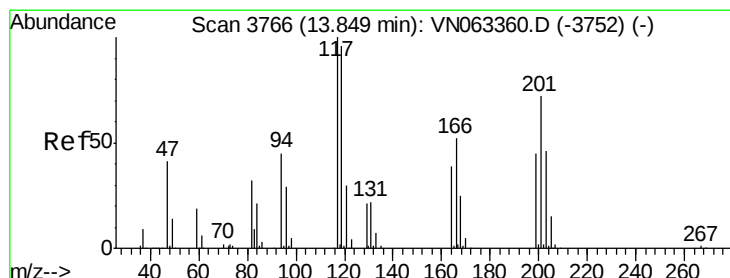
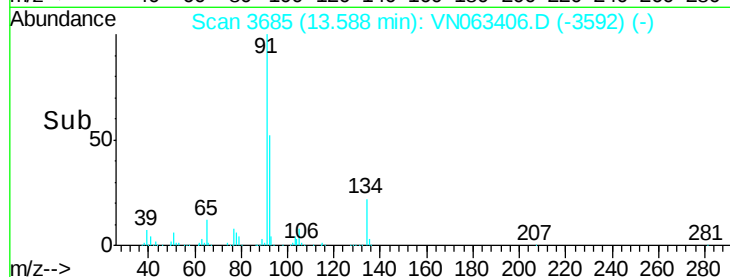
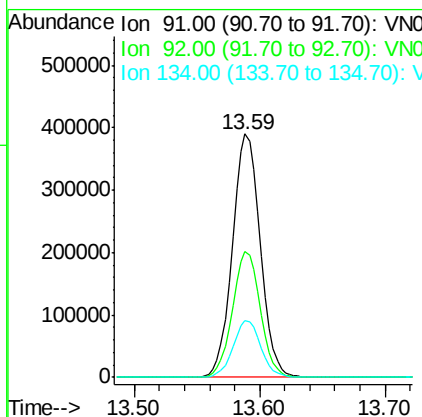
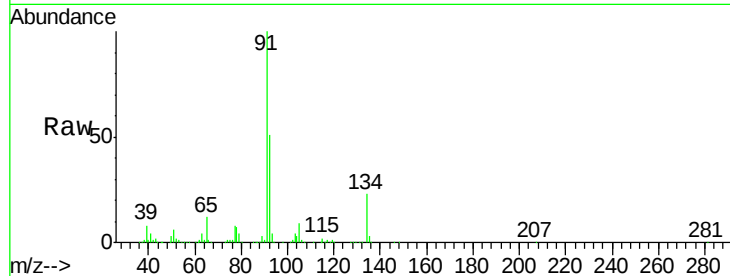
#89
n-Butylbenzene
Concen: 46.052 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	23.3	11.7	35.0

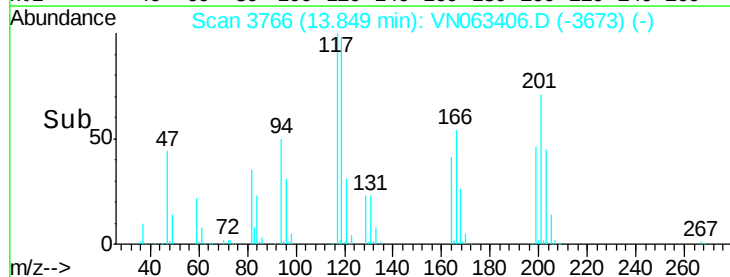
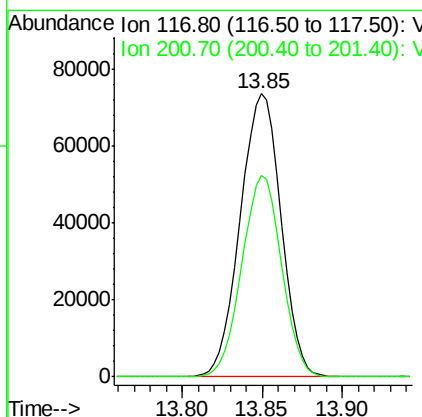
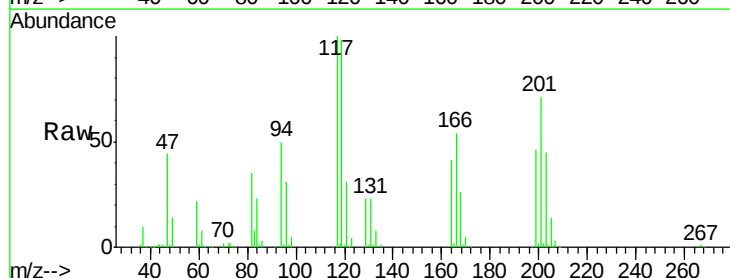
Manual Integrations
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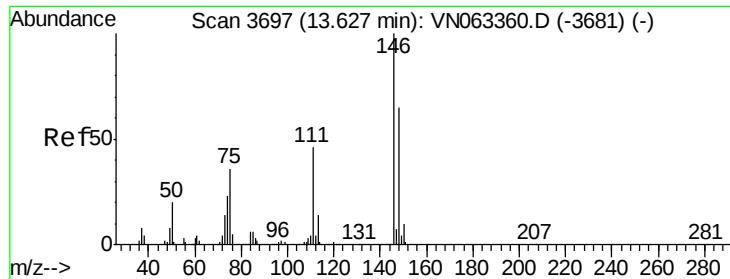
MMDadoda
9/17/2020 1:44:18 PM



#90
Hexachloroethane
Concen: 47.623 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.3	35.5	106.7





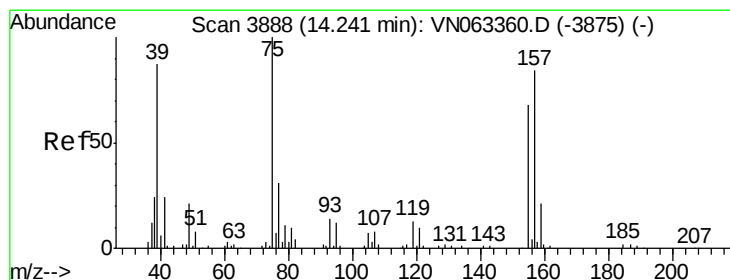
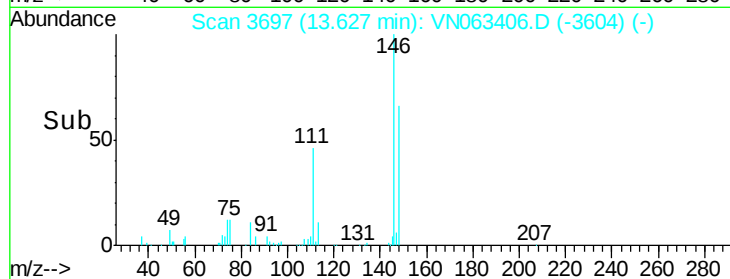
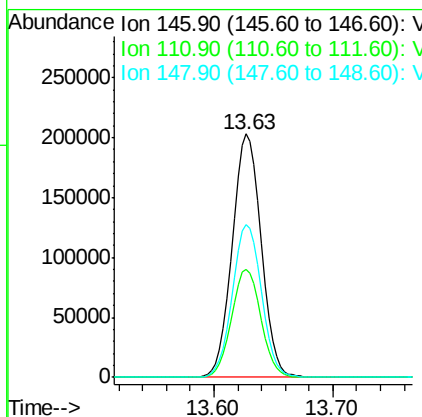
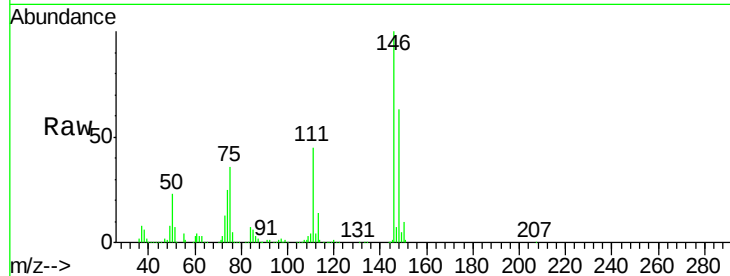
#91
 1,2-Dichlorobenzene
 Concen: 48.129 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.4	67.2
148	63.4	32.0	96.0

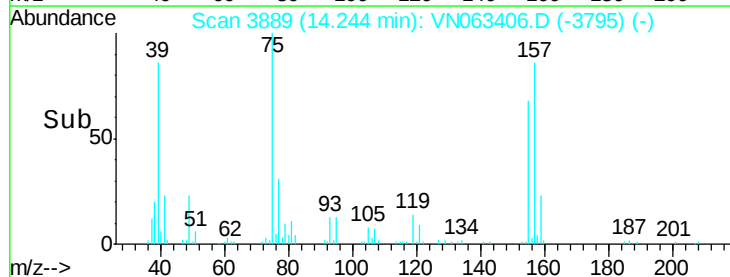
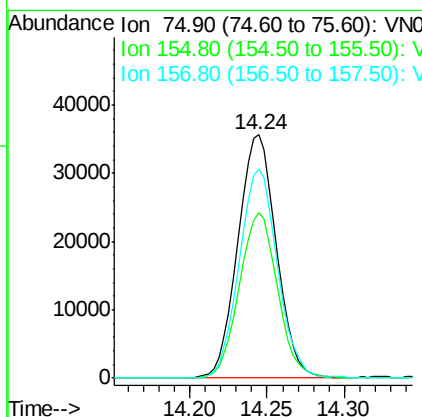
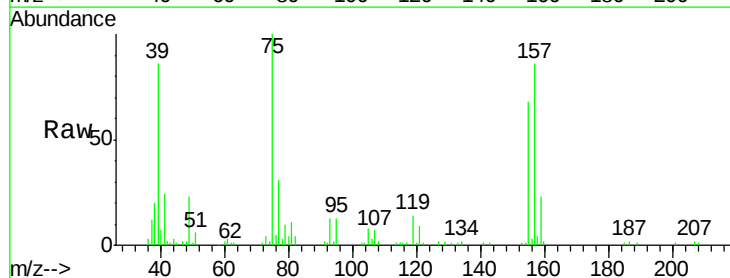
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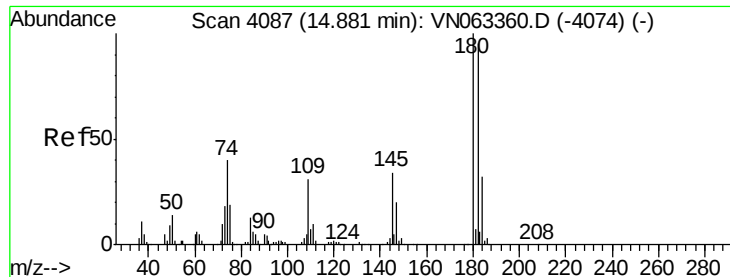
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.975 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.6	34.6	103.9
157	85.4	43.7	131.1





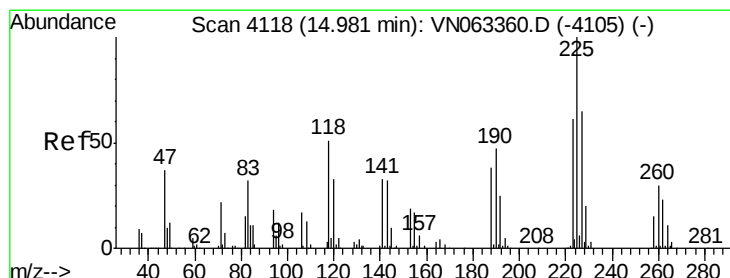
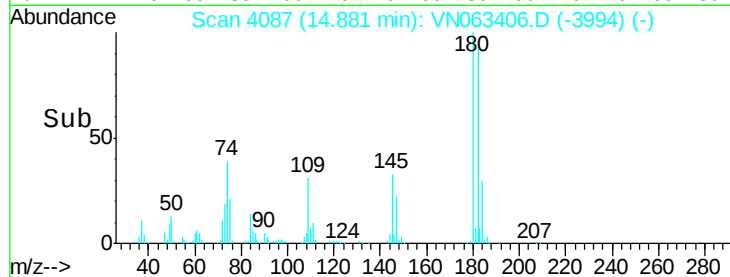
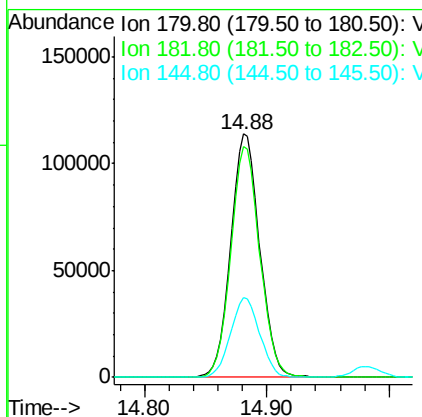
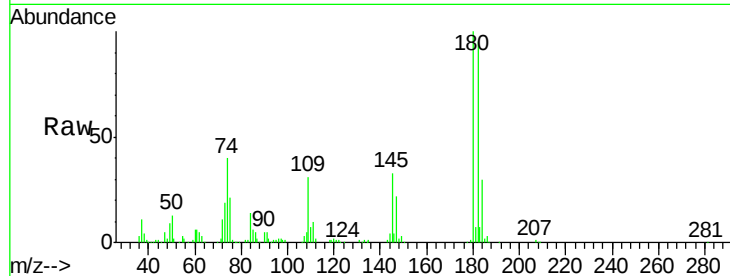
#93
 1,2,4-Trichlorobenzene
 Concen: 44.911 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	188715
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	142.0
145	32.9	16.6	49.7

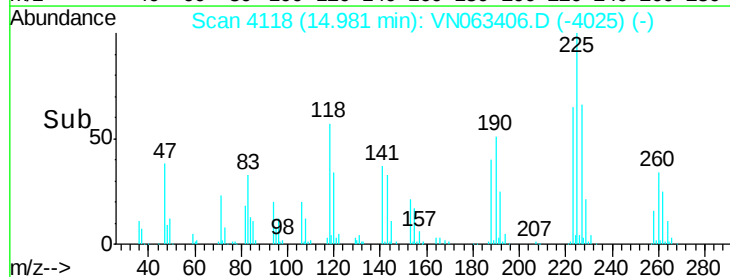
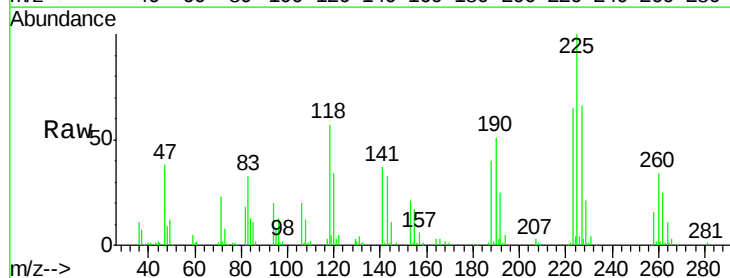
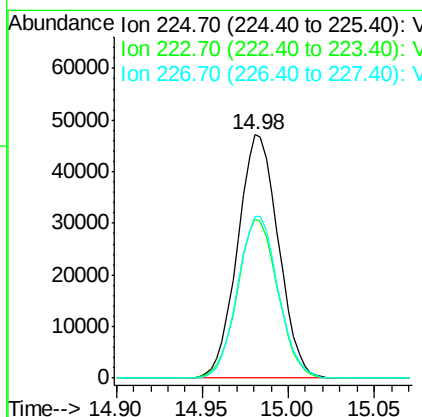
Manual Integrations
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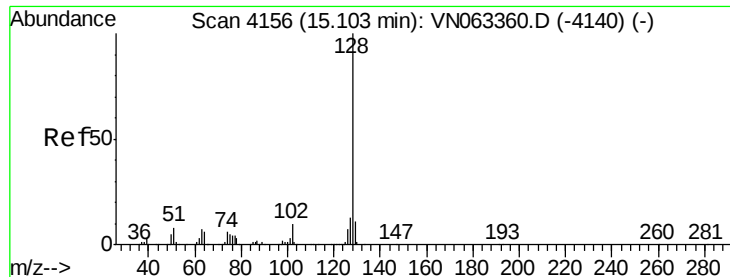
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#94
 Hexachlorobutadiene
 Concen: 44.643 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063406.D
 Acq: 17 Sep 2020 8:39

Tgt Ion:	225	Resp:	77660
Ion Ratio	Lower	Upper	
225	100		
223	64.3	30.6	91.6
227	66.0	31.2	93.6





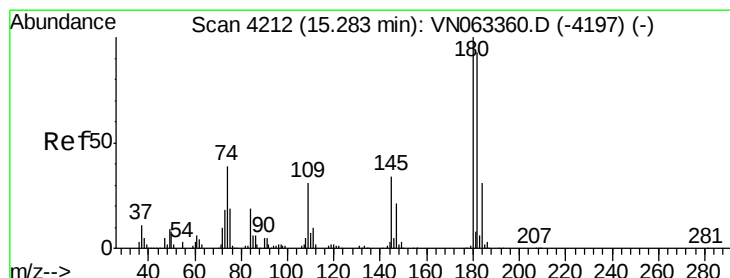
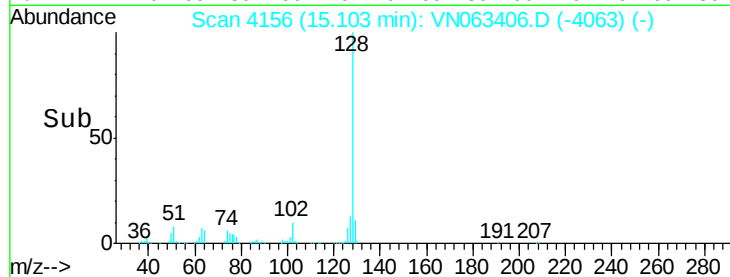
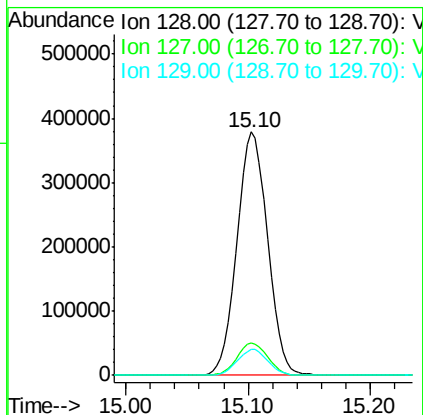
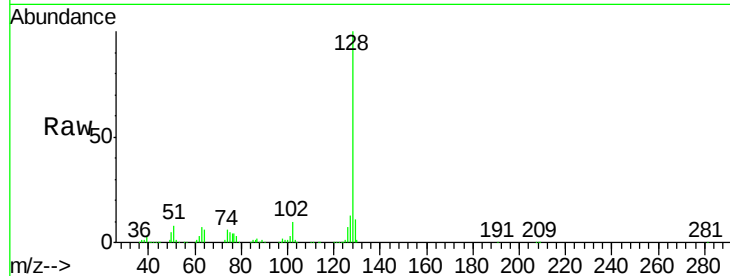
#95
Naphthalene
Concen: 47.426 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	658397		
127	13.3		10.6	15.8
129	10.7		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.853 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063406.D
Acq: 17 Sep 2020 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186167		
182	93.3		46.7	140.1
145	33.3		16.8	50.3

