

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063578.D
 Acq On : 23 Sep 2020 10:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:06:58 PM

Quant Time: Sep 23 11:13:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	430218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	205686	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.55	113	143579	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.06	98	544554	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.38	95	205903	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	125750	46.402	ug/l	95
3) Chloromethane	2.04	50	154436	43.078	ug/l	99
4) Vinyl Chloride	2.17	62	154741	48.718	ug/l	99
5) Bromomethane	2.53	94	91869	48.714	ug/l	98
6) Chloroethane	2.67	64	93687	48.051	ug/l	97
7) Trichlorofluoromethane	2.99	101	244840	51.666	ug/l	99
8) Diethyl Ether	3.38	74	85755	46.420	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	126620	47.511	ug/l	98
10) Methyl Iodide	3.91	142	167860	48.378	ug/l	98
11) Tert butyl alcohol	4.73	59	118141	209.431	ug/l	99
12) 1,1-Dichloroethene	3.70	96	128016	47.424	ug/l	97
13) Acrolein	3.57	56	68243	326.445	ug/l	100
14) Allyl chloride	4.28	41	231953	43.441	ug/l	97
15) Acrylonitrile	4.93	53	348012	242.535	ug/l	99
16) Acetone	3.77	43	316932	242.183	ug/l	99
17) Carbon Disulfide	4.01	76	340722	43.393	ug/l	100
18) Methyl Acetate	4.28	43	169221	50.937	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	477013	47.413	ug/l	100
20) Methylene Chloride	4.51	84	157119	47.388	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	140968	47.135	ug/l	93
22) Diisopropyl ether	5.90	45	522742	48.003	ug/l	99
23) Vinyl Acetate	5.84	43	2141389	239.437	ug/l	99
24) 1,1-Dichloroethane	5.80	63	286694	48.222	ug/l	99
25) 2-Butanone	6.78	43	481550	239.259	ug/l	97
26) 2,2-Dichloropropane	6.78	77	156366	29.872	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	166305	49.128	ug/l	96
28) Bromochloromethane	7.15	49	134093	48.848	ug/l	97
29) Tetrahydrofuran	7.16	42	322871	234.882	ug/l	99
30) Chloroform	7.33	83	300026	50.299	ug/l	97
31) Cyclohexane	7.62	56	236288	42.016	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	262211	49.424	ug/l	99
36) 1,1-Dichloropropene	7.75	75	211186	46.077	ug/l	99
37) Ethyl Acetate	6.88	43	209042	46.471	ug/l	99
38) Carbon Tetrachloride	7.74	117	223166	47.698	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	206651	41.543	ug/l	98
40) Benzene	8.00	78	616131	47.091	ug/l	98
41) Methacrylonitrile	7.12	41	92003	45.474	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	255759	48.608	ug/l	99
43) Isopropyl Acetate	8.13	43	365785	45.476	ug/l	99
44) Trichloroethene	8.80	130	151549	47.756	ug/l	99
45) 1,2-Dichloropropane	9.08	63	171507	48.129	ug/l	100
46) Dibromomethane	9.17	93	116033	49.542	ug/l	99
47) Bromodichloromethane	9.37	83	242654	49.870	ug/l	98
48) Methyl methacrylate	9.17	41	181031	45.809	ug/l	95
49) 1,4-Dioxane	9.17	88	49063	865.133	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1087587	241.522	ug/l	99
52) Toluene	10.13	92	388913	49.440	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	238798	43.961	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	259910	45.362	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	155730	49.840	ug/l	97
56) Ethyl methacrylate	10.40	69	233592	47.888	ug/l	98
57) 1,3-Dichloropropane	10.68	76	269389	47.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	606113	236.872	ug/l	99
59) 2-Hexanone	10.72	43	796779	244.235	ug/l	99
60) Dibromochloromethane	10.87	129	173621	49.185	ug/l	99
61) 1,2-Dibromoethane	10.98	107	163651	50.413	ug/l	99
64) Tetrachloroethene	10.60	164	140391	51.041	ug/l	98
65) Chlorobenzene	11.41	112	406227	47.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	156142	49.677	ug/l	99
67) Ethyl Benzene	11.49	91	765691	47.418	ug/l	98
68) m/p-Xylenes	11.59	106	560289	96.236	ug/l	99
69) o-Xylene	11.92	106	269612	48.613	ug/l	100
70) Styrene	11.94	104	463338	49.818	ug/l	99
71) Bromoform	12.10	173	116179	49.616	ug/l #	100
73) Isopropylbenzene	12.23	105	733114	47.285	ug/l	99
74) N-amyl acetate	12.05	43	339204	46.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	224227	46.708	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	218569m	45.642	ug/l	
77) Bromobenzene	12.50	156	170476	48.881	ug/l	96
78) n-propylbenzene	12.57	91	841873	46.621	ug/l	100
79) 2-Chlorotoluene	12.65	91	512636	47.357	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	617159	47.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	65027	37.228	ug/l	96
82) 4-Chlorotoluene	12.75	91	535278	46.801	ug/l	100
83) tert-Butylbenzene	12.97	119	497119	46.589	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	622446	47.665	ug/l	99
85) sec-Butylbenzene	13.15	105	655820	45.916	ug/l	99
86) p-Isopropyltoluene	13.26	119	580533	46.082	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	312682	48.372	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	310961	47.316	ug/l	100
89) n-Butylbenzene	13.59	91	513175	44.194	ug/l	98
90) Hexachloroethane	13.85	117	110717	46.155	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	312123	49.182	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	51029	44.639	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	163899	43.807	ug/l	98
94) Hexachlorobutadiene	14.98	225	74918	48.369	ug/l	98
95) Naphthalene	15.10	128	549574	44.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	162044	44.826	ug/l	99

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

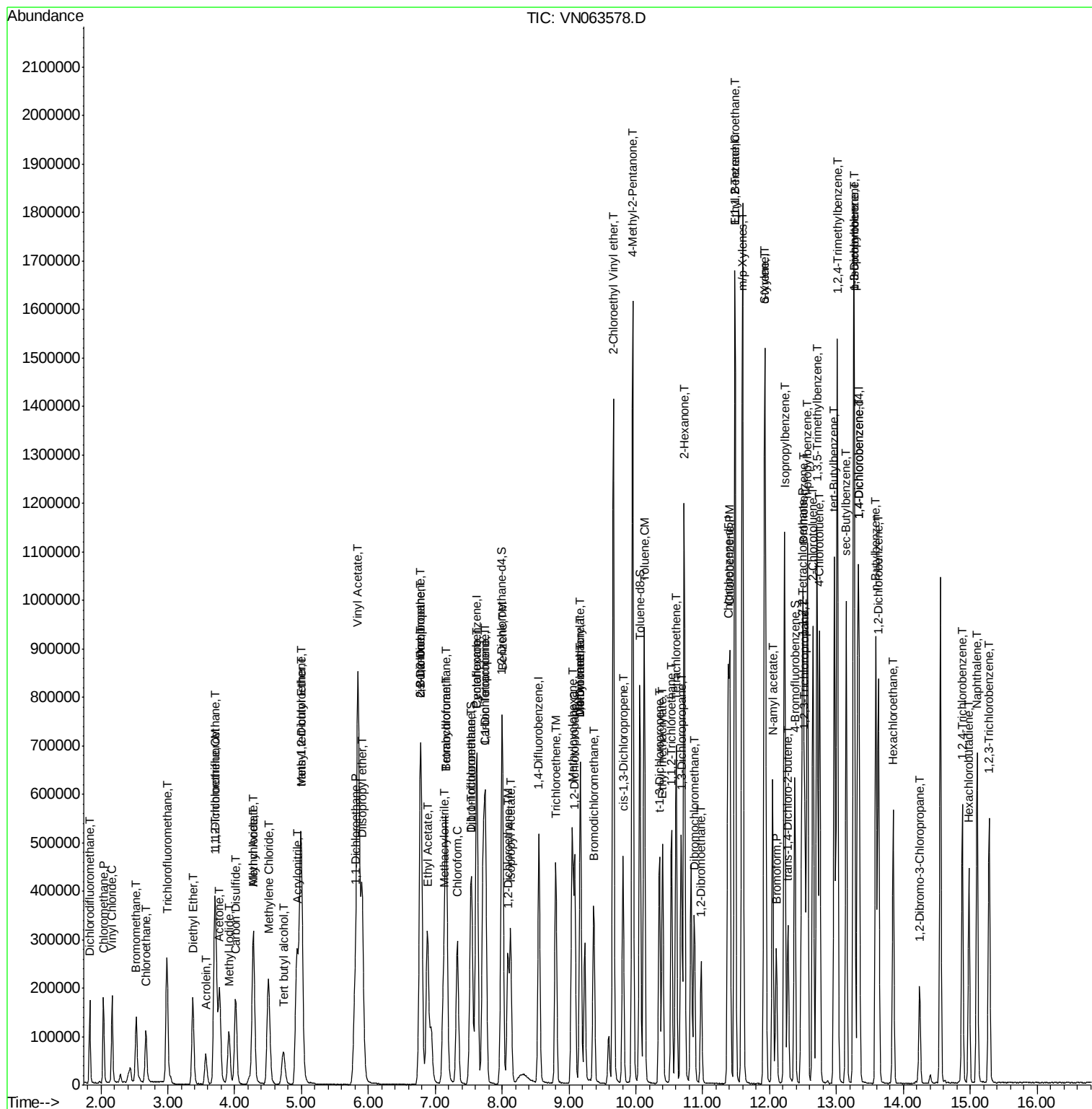
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063578.D
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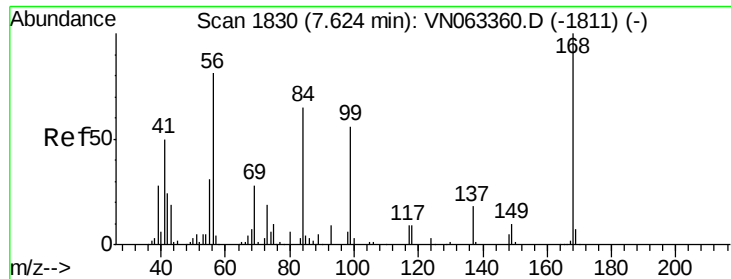
Instrument :
MSVOA_N
Client Sampled :
VSTDCCC050EC

Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 239206

Ion Ratio Lower Upper

168 100

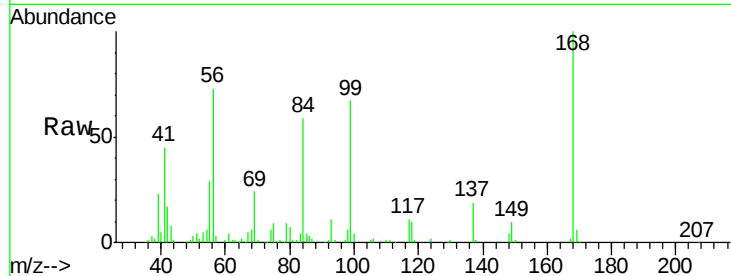
99 66.0 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

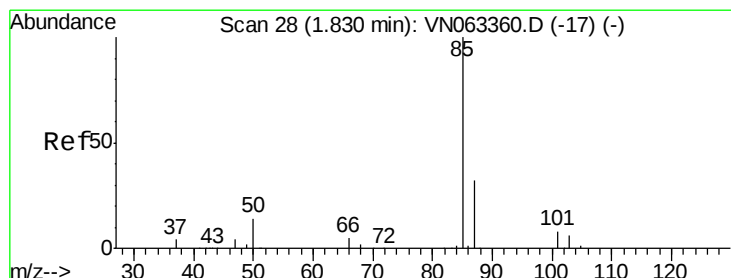
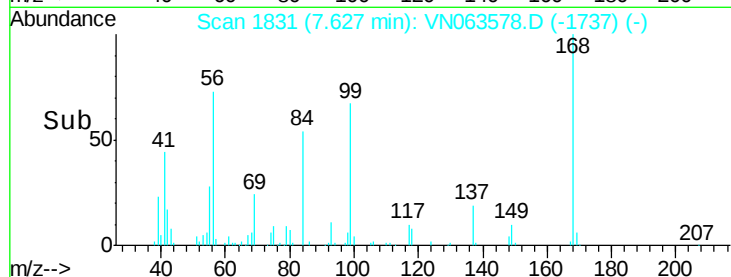
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.402 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063578.D

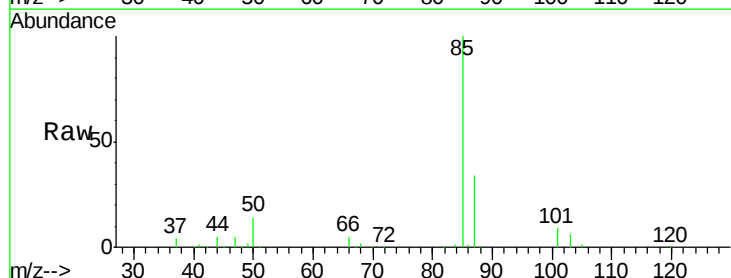
Acq: 23 Sep 2020 10:28

Tgt Ion: 85 Resp: 125750

Ion Ratio Lower Upper

85 100

87 34.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

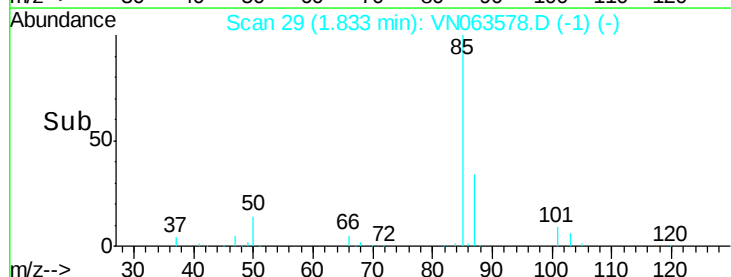
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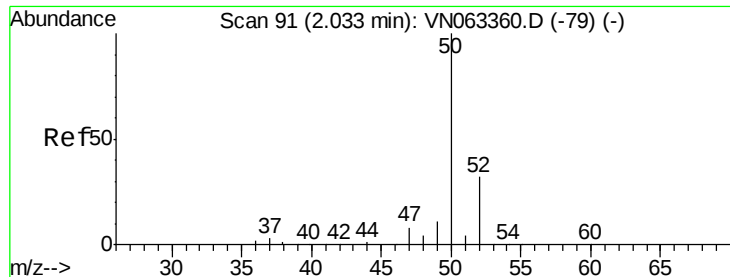
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1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 43.078 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 154436

Ion Ratio Lower Upper

50 100

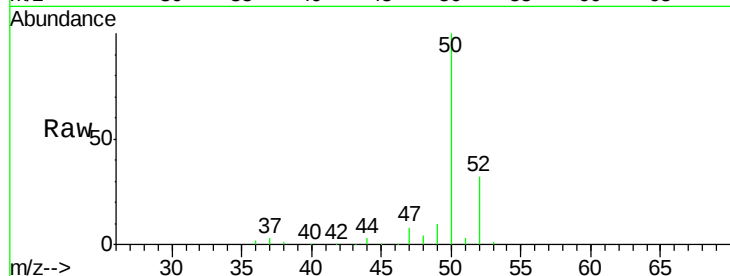
52 31.9 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

120000

100000

80000

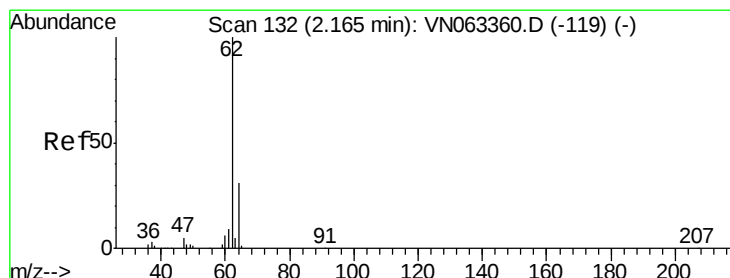
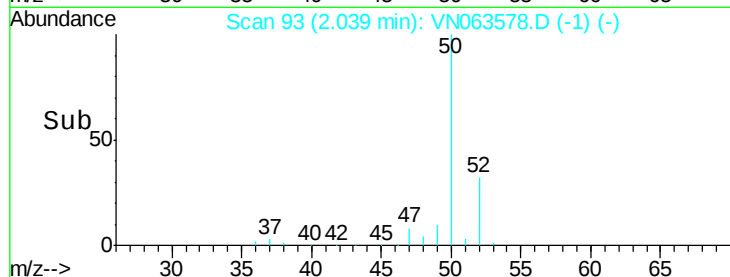
60000

40000

20000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 48.718 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063578.D

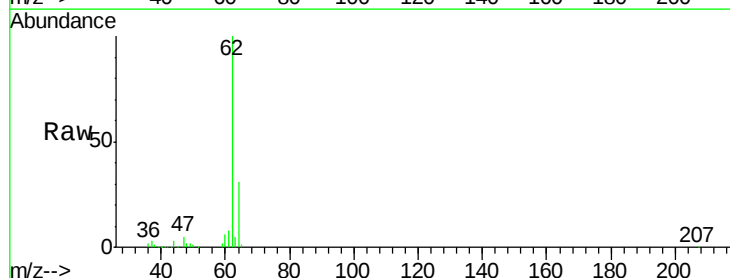
Acq: 23 Sep 2020 10:28

Tgt Ion: 62 Resp: 154741

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

120000

100000

80000

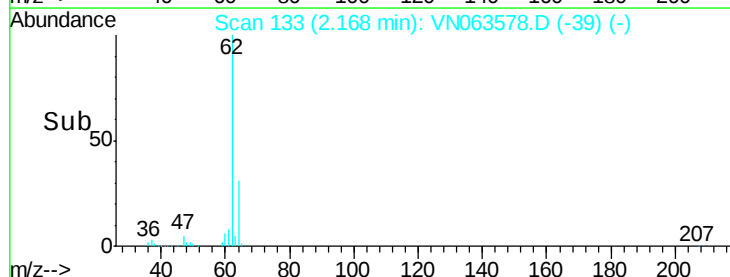
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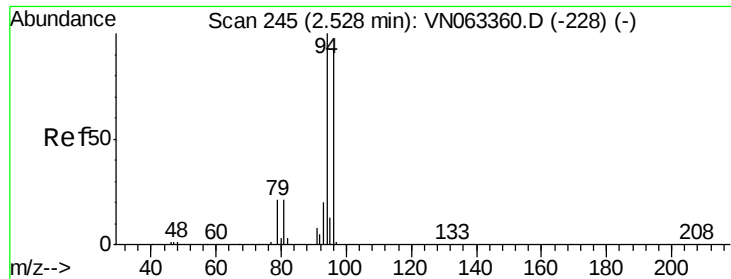
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 48.714 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

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Tot Ion: 94 Resp: 91869

Ion Ratio Lower Upper

94 100

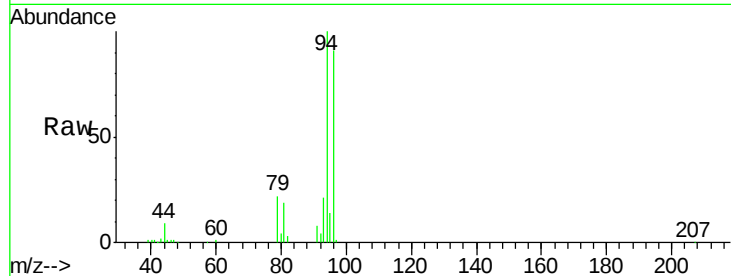
96 91.1 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

50000

40000

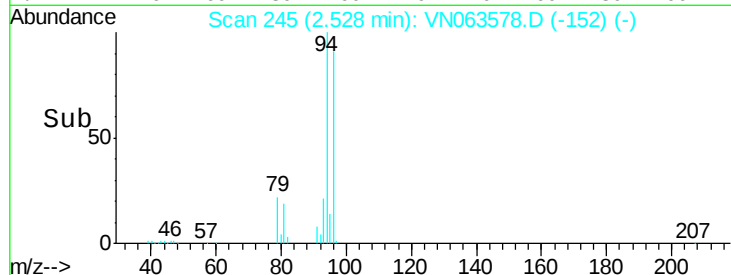
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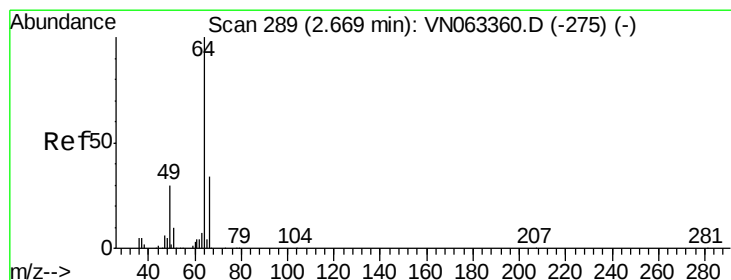
10000

0

Time-->



Time-->



#6

Chloroethane

Concen: 48.051 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063578.D

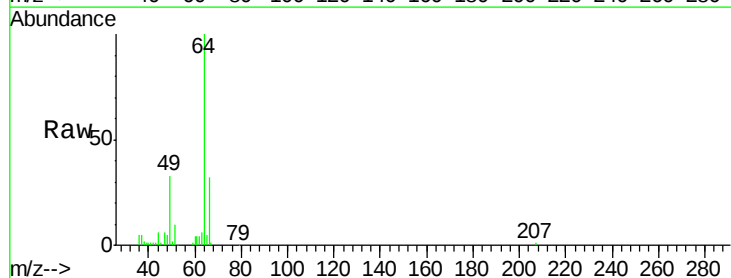
Acq: 23 Sep 2020 10:28

Tgt Ion: 64 Resp: 93687

Ion Ratio Lower Upper

64 100

66 31.9 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

50000

40000

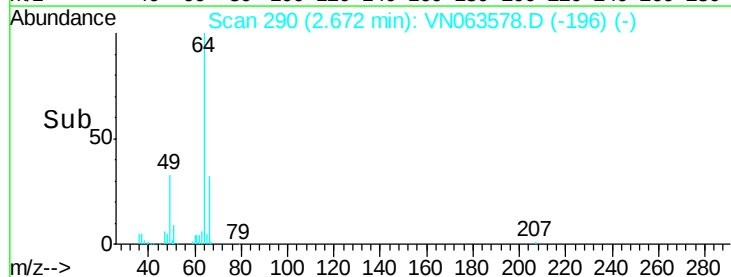
30000

20000

10000

0

Time-->





#7

Trichlorofluoromethane

Concen: 51.666 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 244840

Ion Ratio Lower Upper

101 100

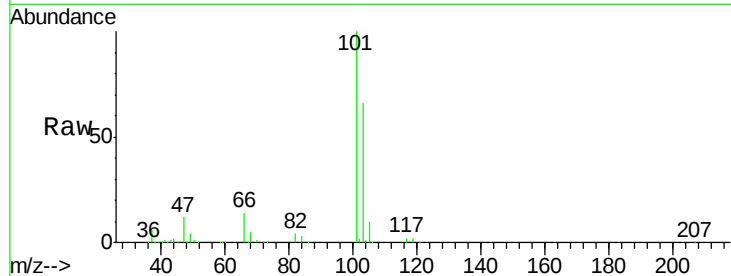
103 66.1 52.3 78.5

Manual Integrations

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2.99

120000

100000

80000

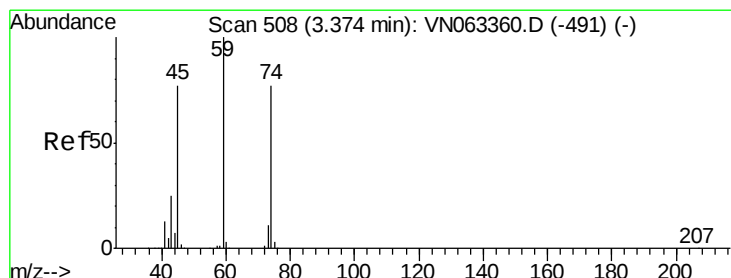
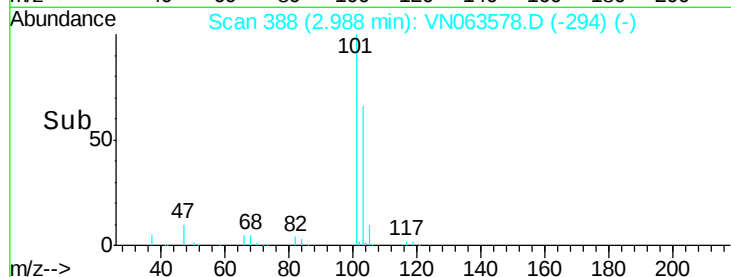
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 46.420 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN063578.D

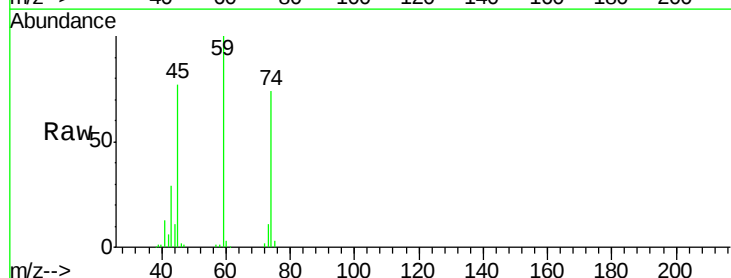
Acq: 23 Sep 2020 10:28

Tgt Ion: 74 Resp: 85755

Ion Ratio Lower Upper

74 100

45 107.5 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.38

40000

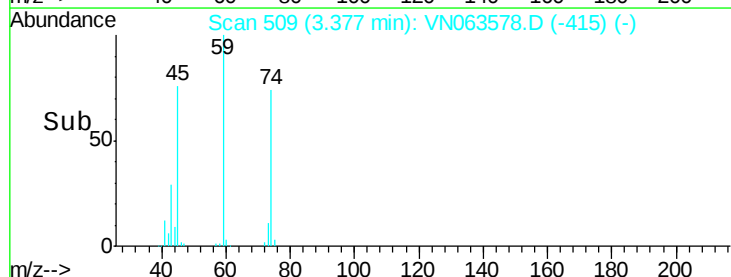
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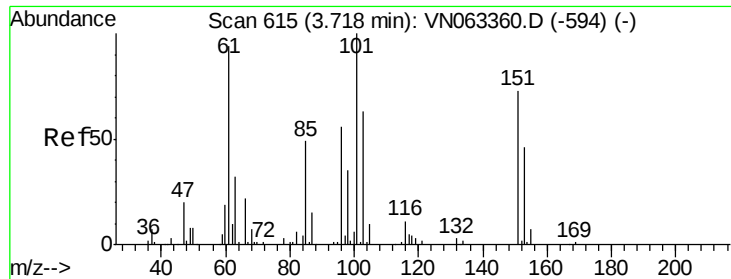
20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.511 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

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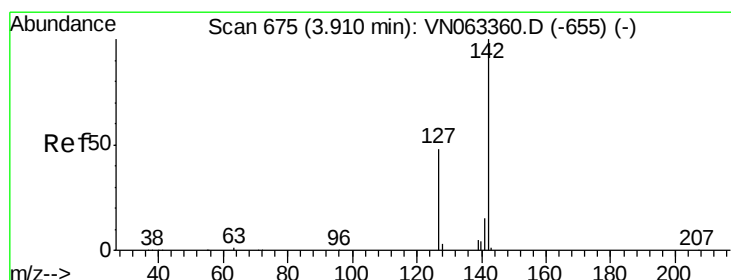
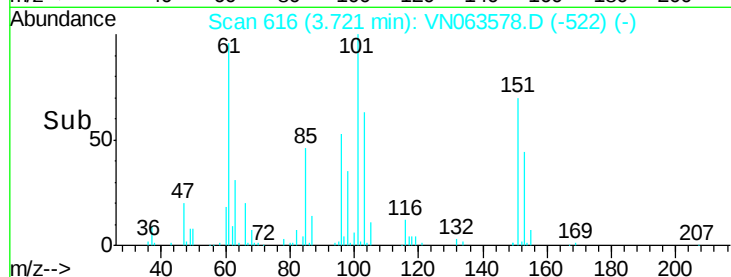
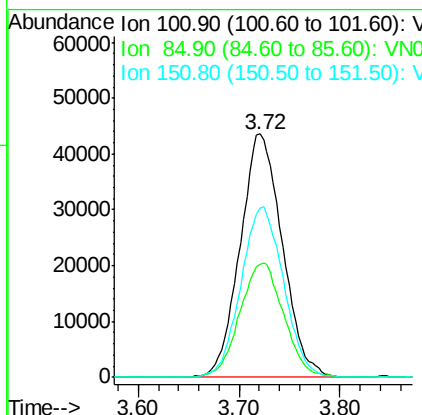
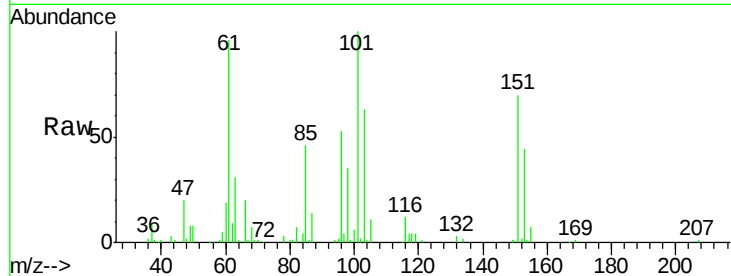
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	126620
Ion Ratio	Lower	Upper	
101	100		
85	48.7	37.7	56.5
151	70.7	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 48.378 ug/l

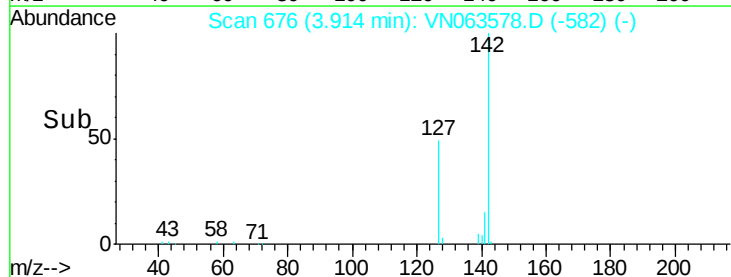
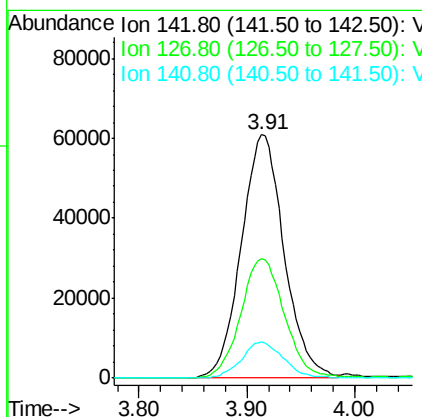
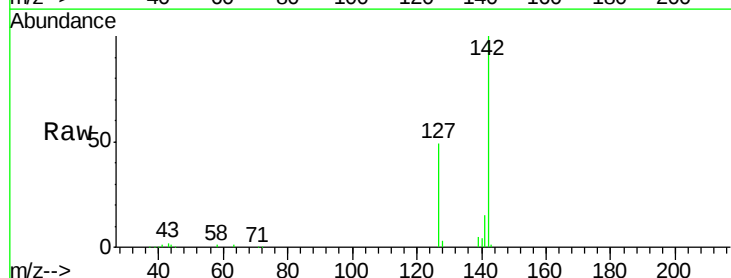
RT: 3.91 min Scan# 676

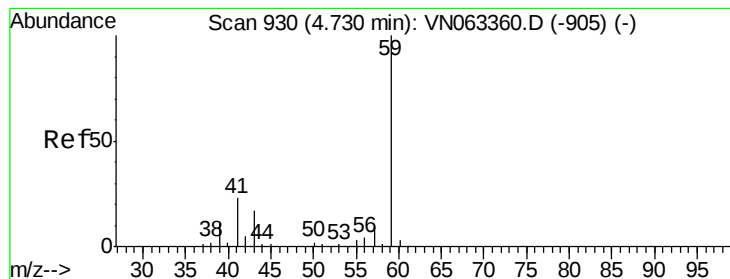
Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Tgt Ion:	142	Resp:	167860
Ion Ratio	Lower	Upper	
142	100		
127	50.3	39.0	58.6
141	14.7	11.6	17.4





#11

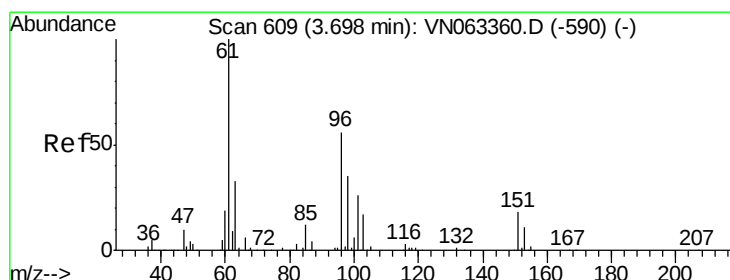
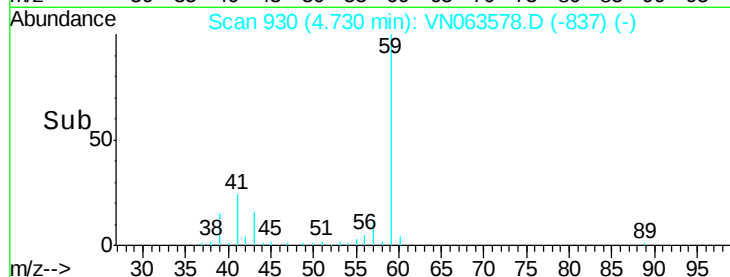
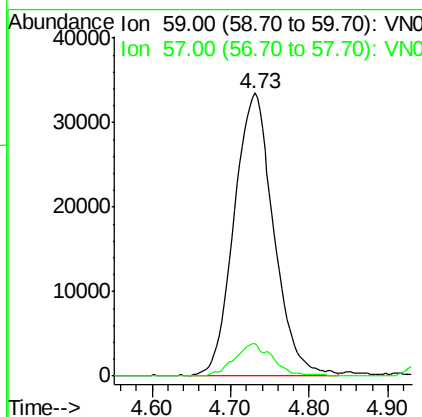
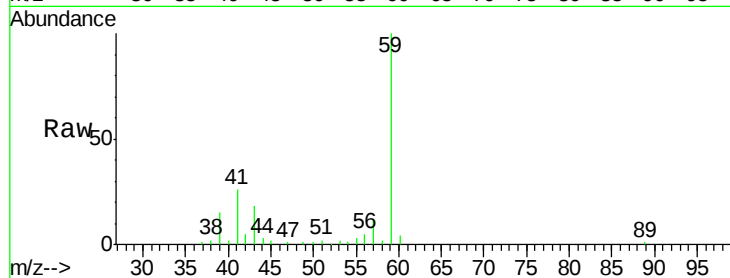
Tert butyl alcohol
 Concen: 209.431 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

Manual Integrations
 APPROVED

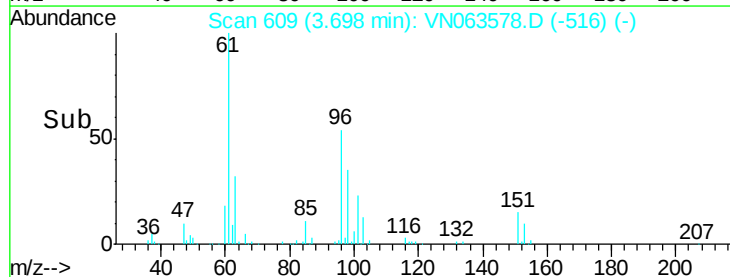
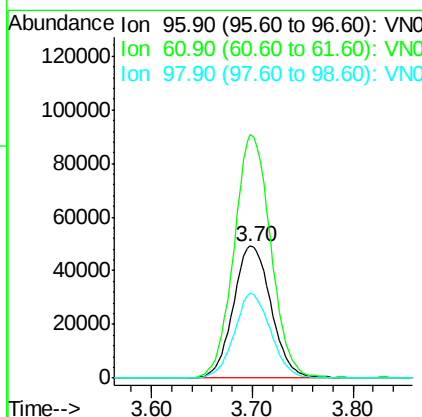
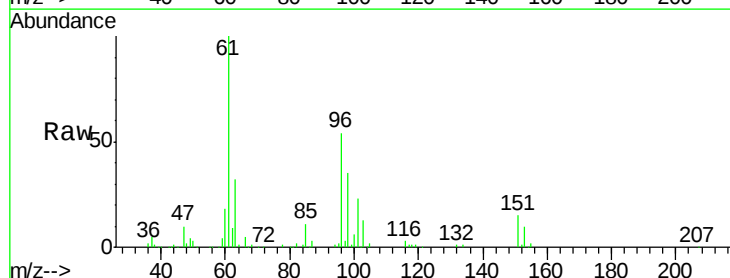
MMDadoda
 9/23/2020 1:06:58 PM

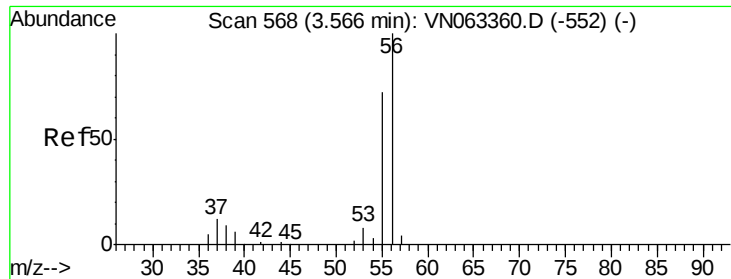


#12

1,1-Dichloroethene
 Concen: 47.424 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.4	143.4	215.2
98	64.4	50.6	76.0





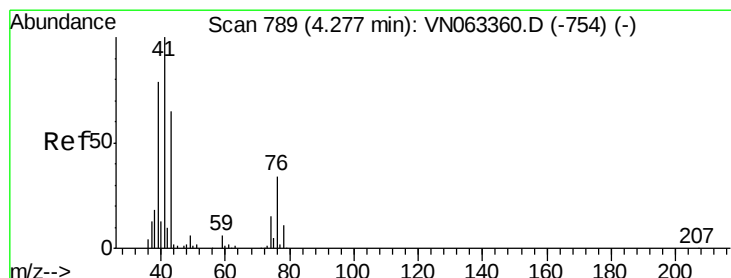
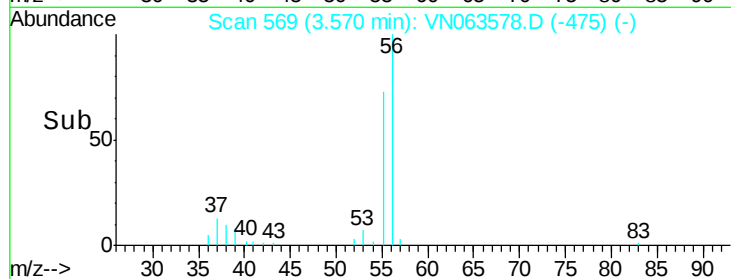
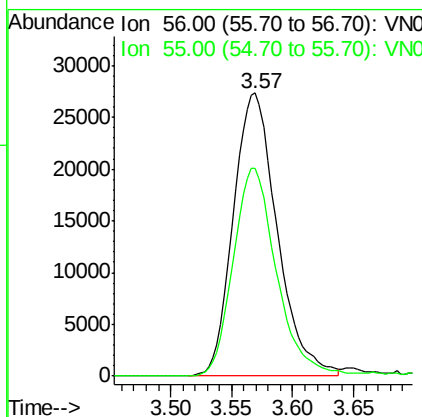
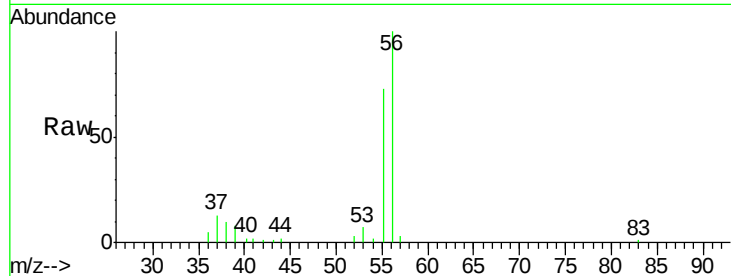
#13
Acrolein
Concen: 326.445 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	68243
Ion Ratio	Lower	Upper	
56	100		
55	72.4	58.2	87.2

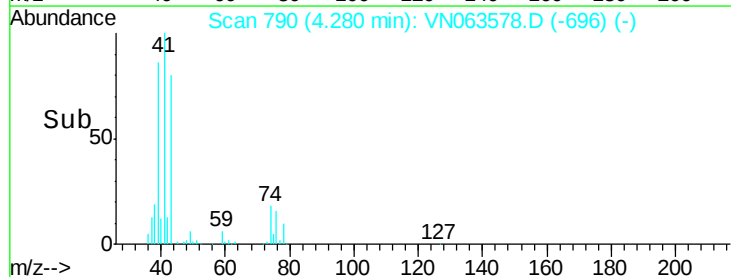
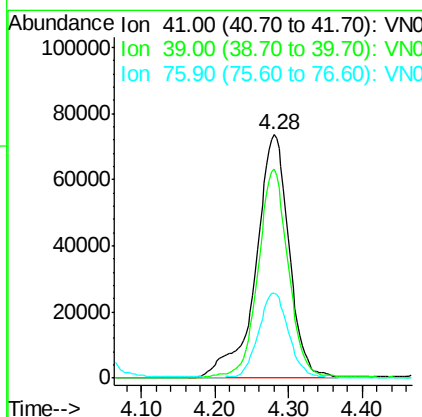
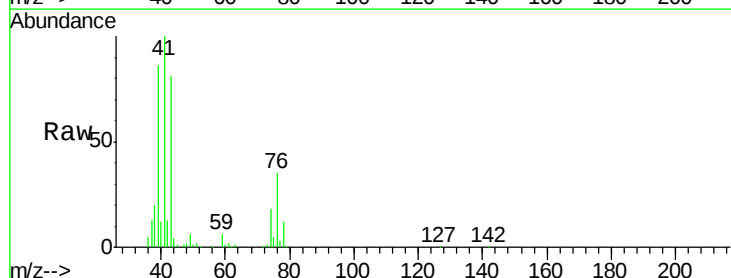
Manual Integrations
APPROVED

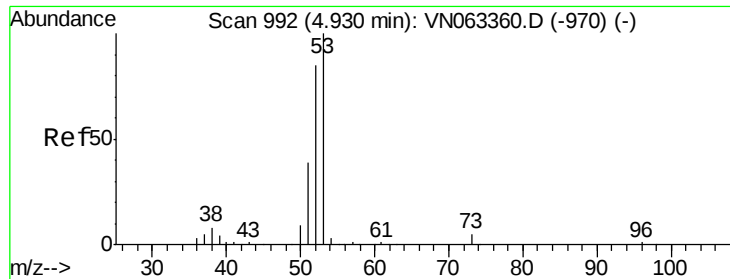
MMDadoda
9/23/2020 1:06:58 PM



#14
Allyl chloride
Concen: 43.441 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	41	Resp	231953
Ion Ratio	Lower	Upper	
41	100		
39	77.7	59.3	88.9
76	30.8	25.3	37.9





#15

Acrylonitrile

Concen: 242.535 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

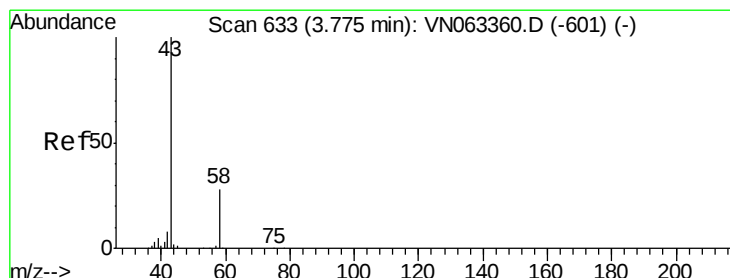
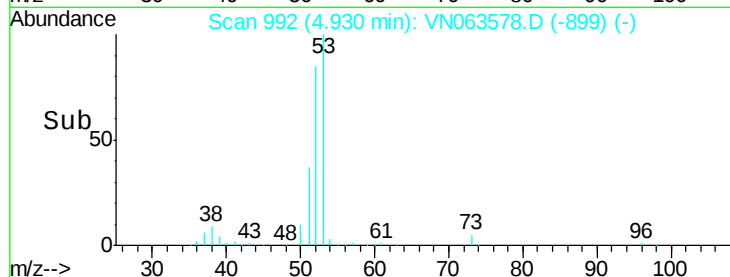
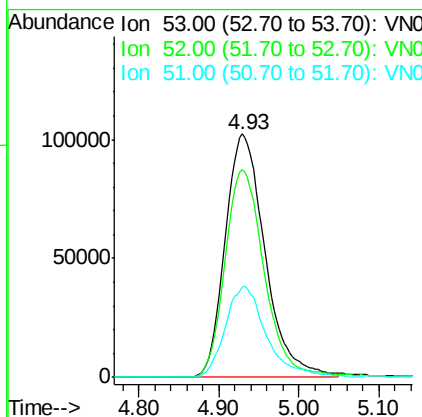
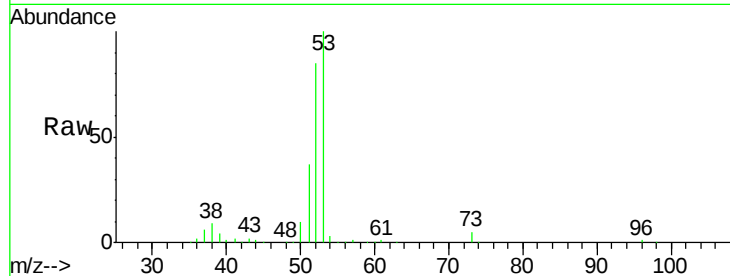
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	348012
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.4	99.6
51	38.4	30.2	45.4

Manual Integrations
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MMDadoda
9/23/2020 1:06:58 PM



#16

Acetone

Concen: 242.183 ug/l

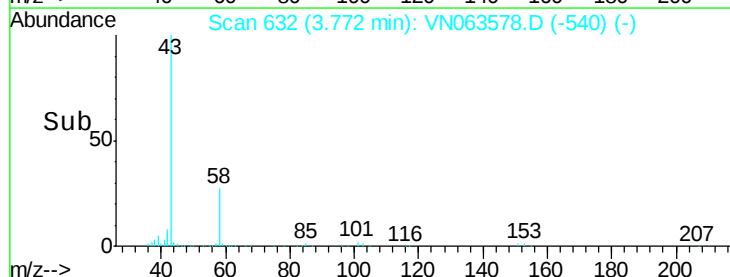
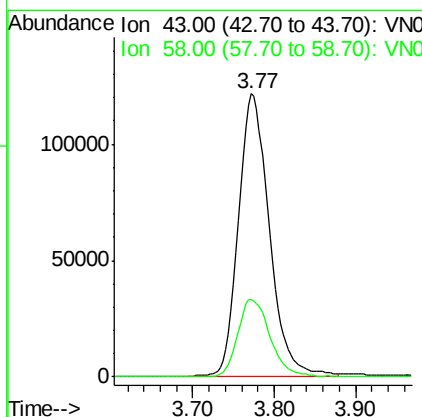
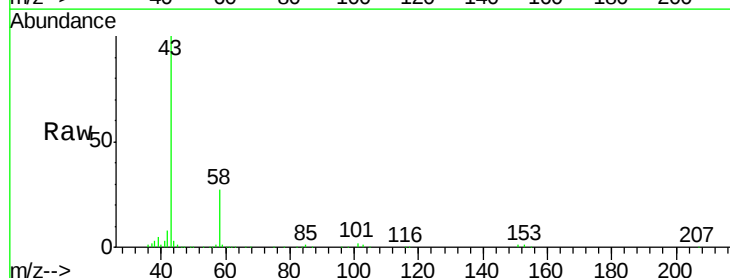
RT: 3.77 min Scan# 632

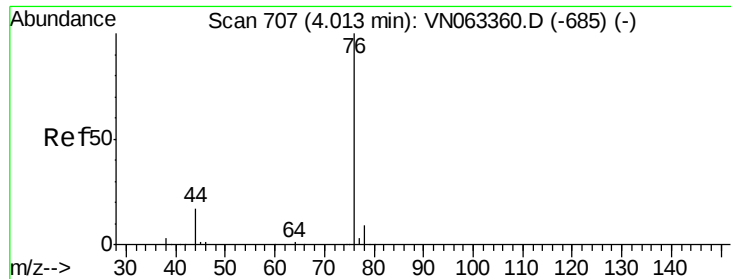
Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Tgt Ion:	43	Resp:	316932
Ion Ratio	Lower	Upper	
43	100		
58	27.4	22.3	33.5





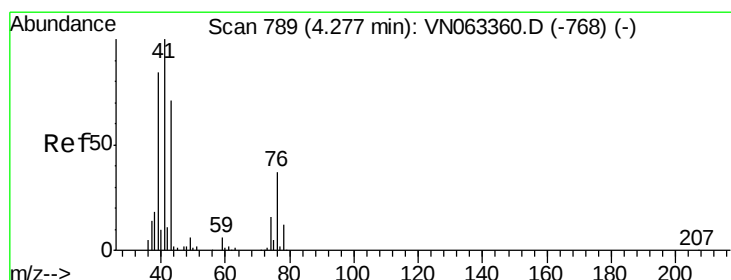
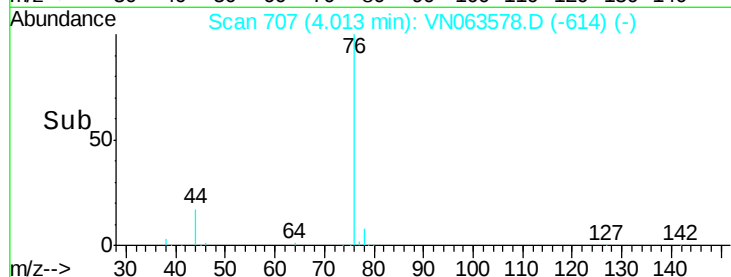
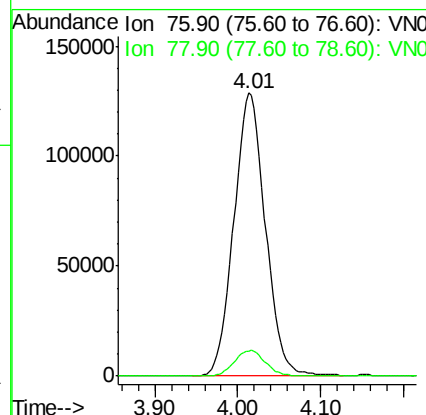
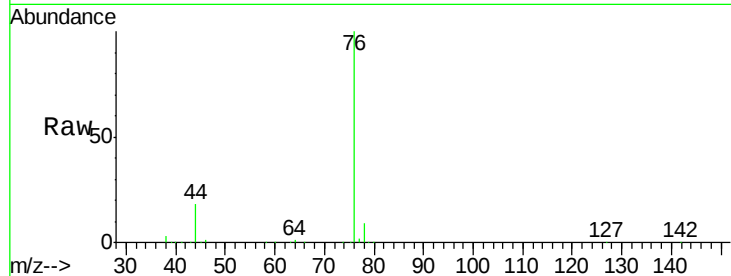
#17
Carbon Disulfide
Concen: 43.393 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 340722
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

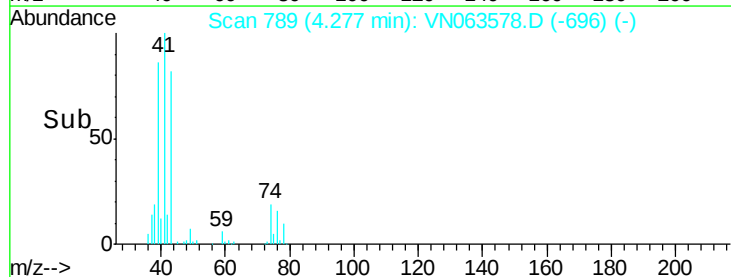
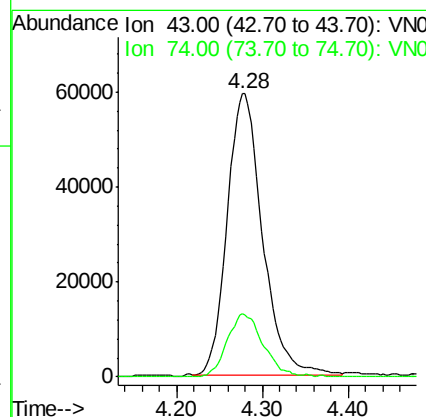
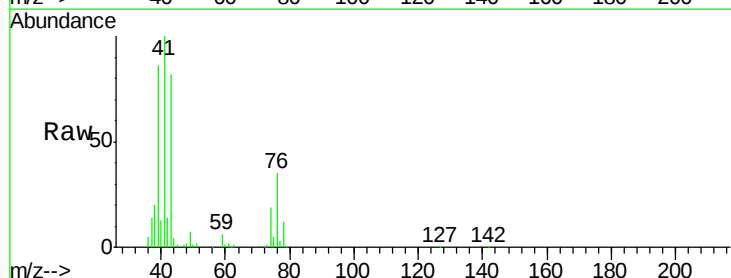
Manual Integrations
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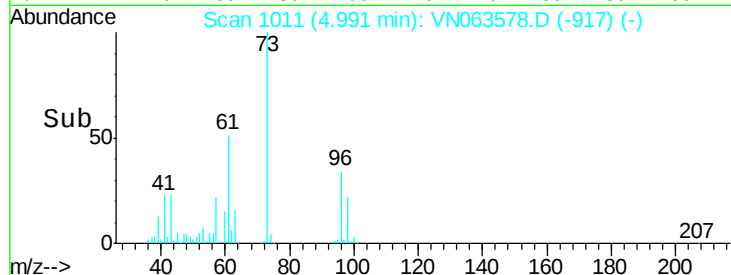
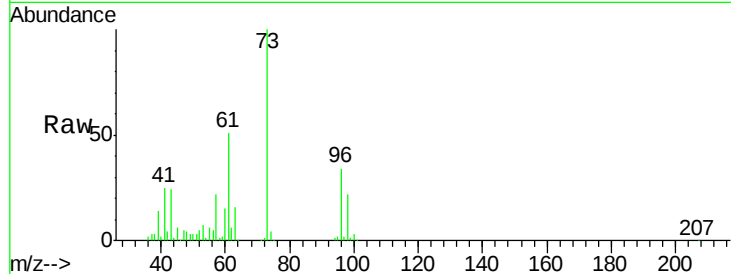
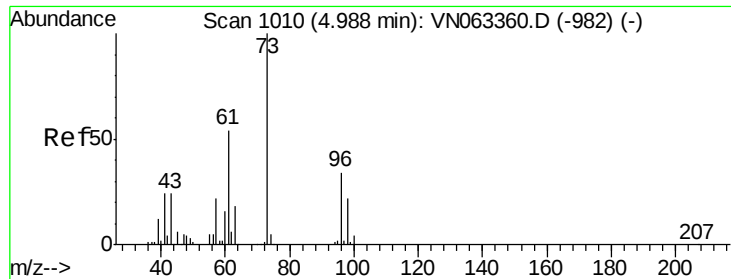
MMDadoda
9/23/2020 1:06:58 PM



#18
Methyl Acetate
Concen: 50.937 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 43 Resp: 169221
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.2





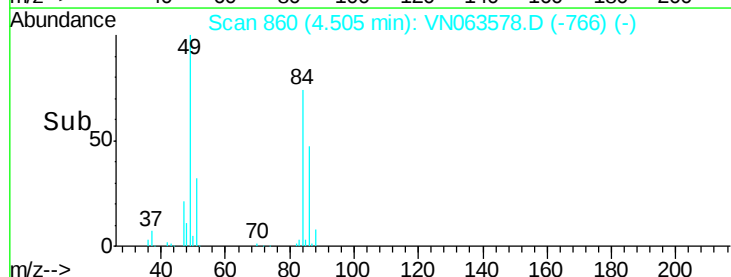
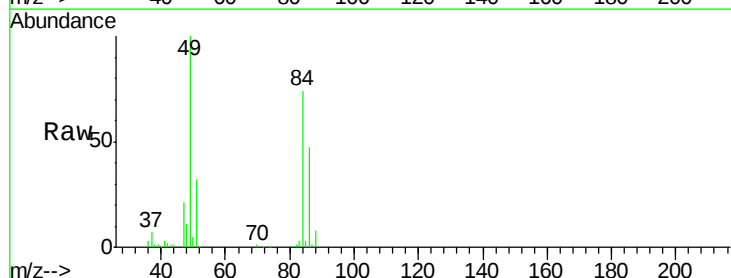
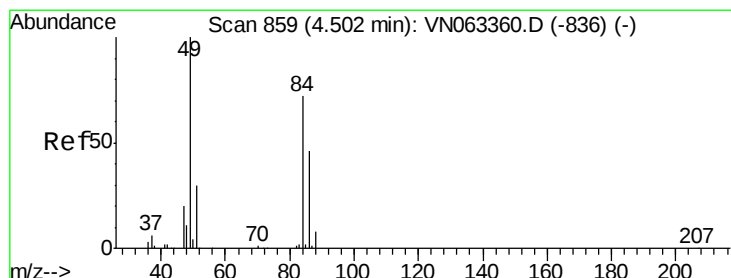
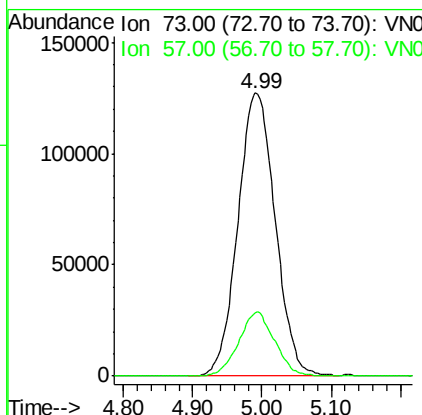
#19
Methyl tert-butyl Ether
Concen: 47.413 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tot Ion: 73 Resp: 477013
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

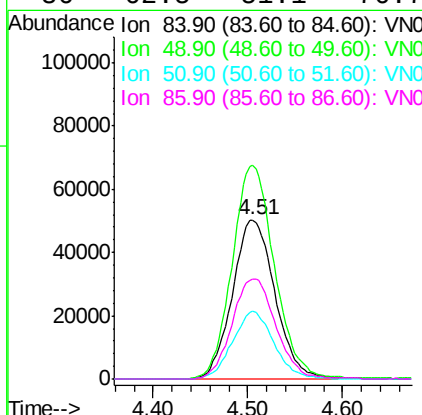
Manual Integrations
APPROVED

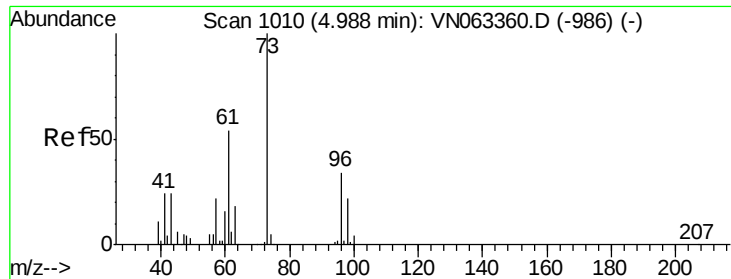
MMDadoda
9/23/2020 1:06:58 PM



#20
Methylene Chloride
Concen: 47.388 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 84 Resp: 157119
Ion Ratio Lower Upper
84 100
49 134.3 110.7 166.1
51 42.5 32.9 49.3
86 62.5 51.1 76.7





#21

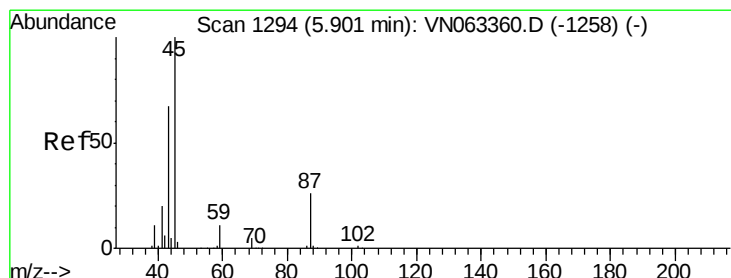
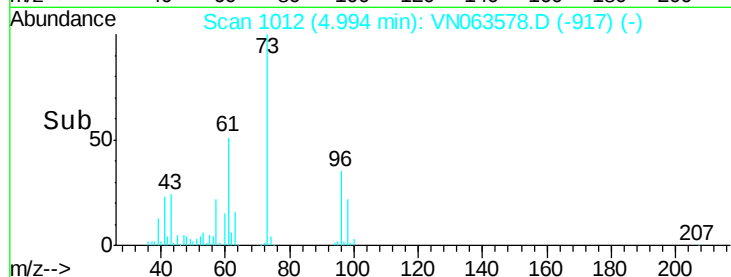
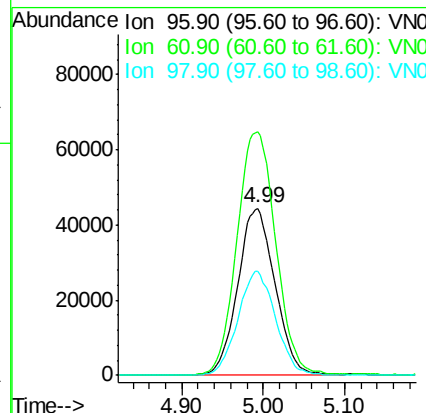
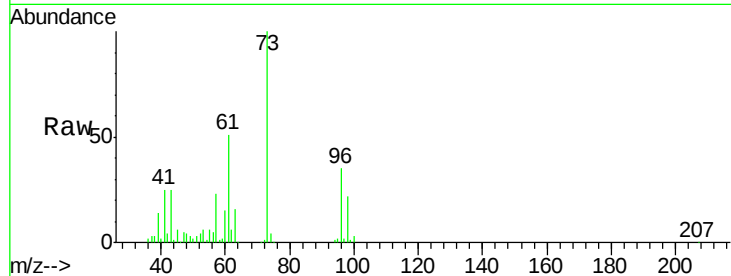
trans-1,2-Dichloroethene
Concen: 47.135 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	126.2	189.4
98	62.3	51.0	76.4

Manual Integrations
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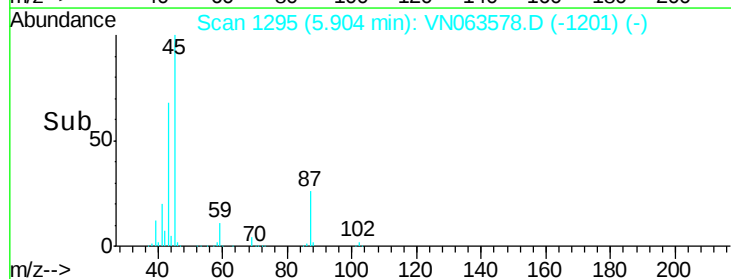
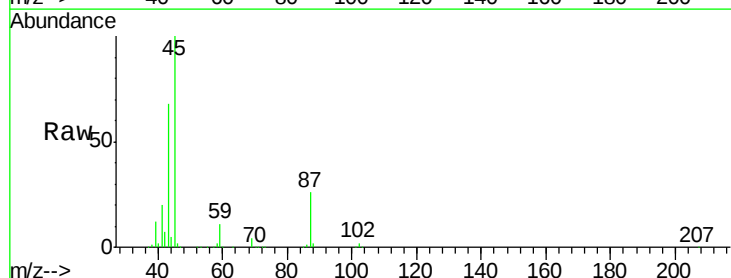
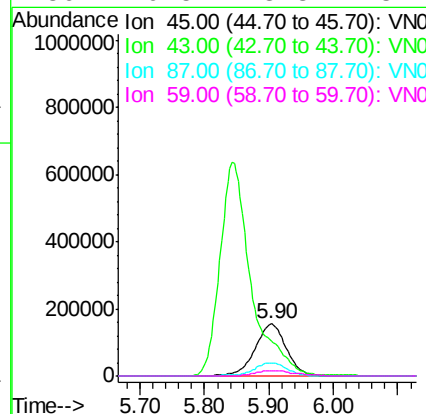
MMDadoda
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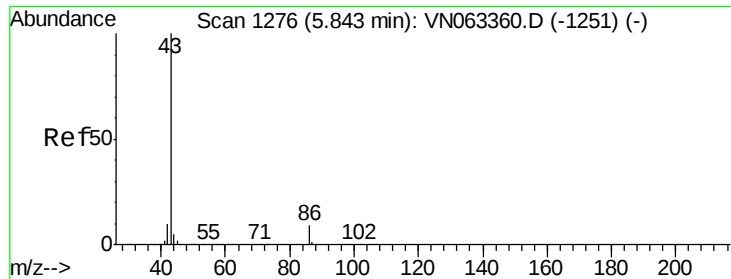


#22

Diisopropyl ether
Concen: 48.003 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.9	53.5	80.3
87	25.6	21.2	31.8
59	10.5	8.8	13.2





#23

Vinyl Acetate

Concen: 239.437 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2141389

Ion Ratio Lower Upper

43 100

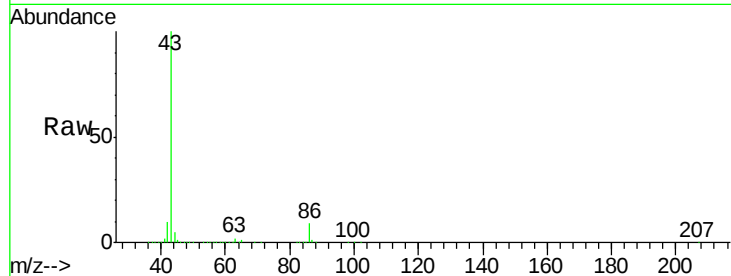
86 9.3 7.1 10.7

Manual Integrations

APPROVED

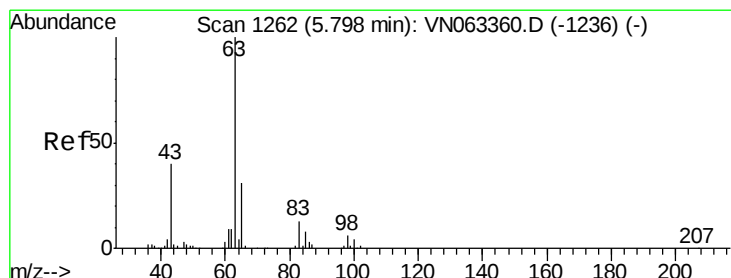
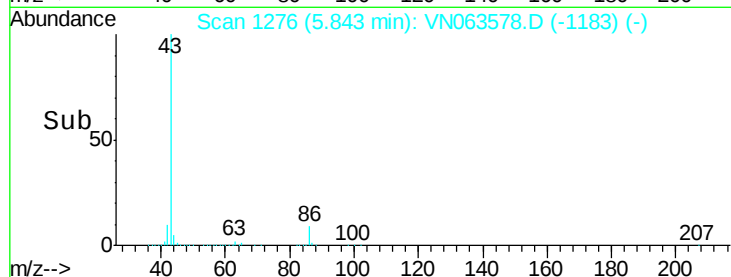
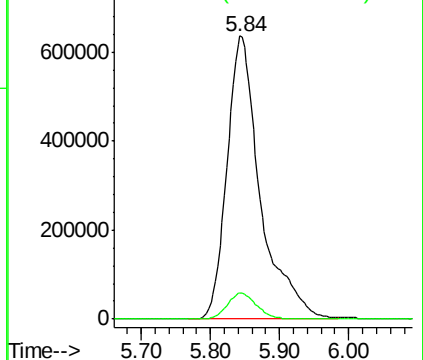
MMDadoda

9/23/2020 1:06:58 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.222 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

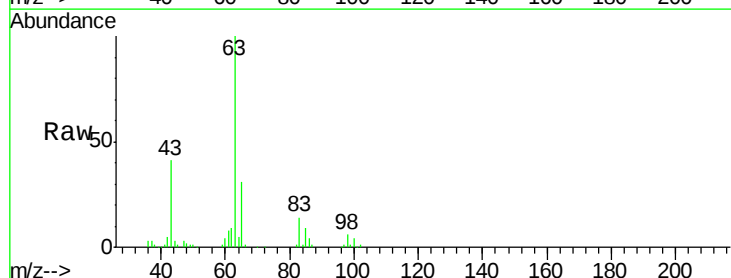
Tgt Ion: 63 Resp: 286694

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

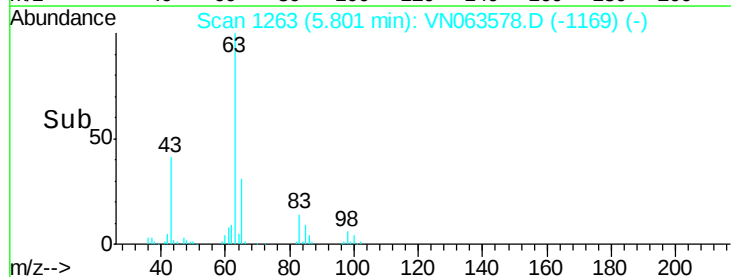
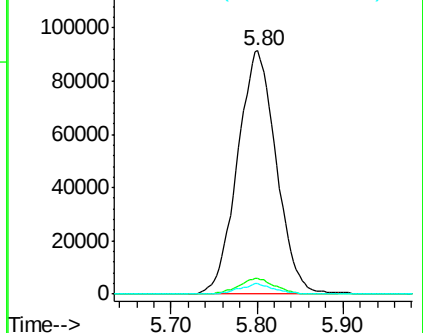
100 4.3 2.1 6.3

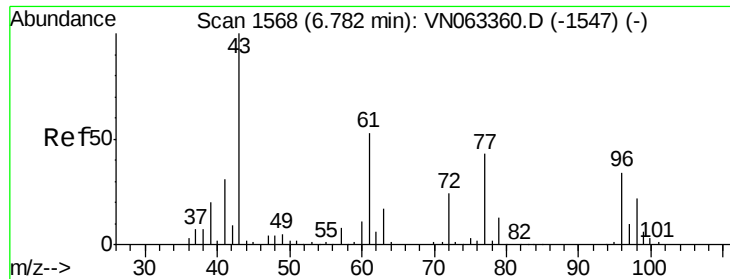


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





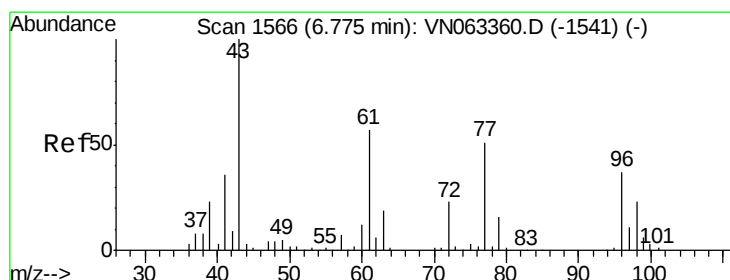
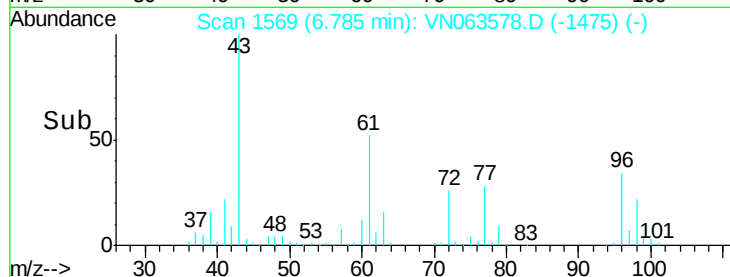
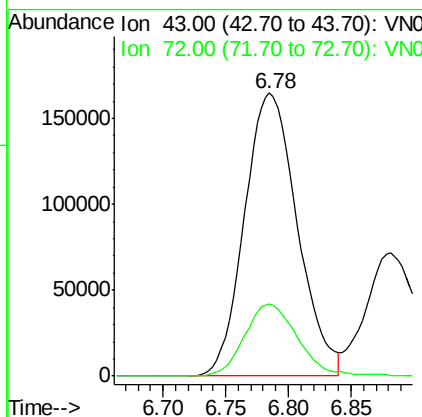
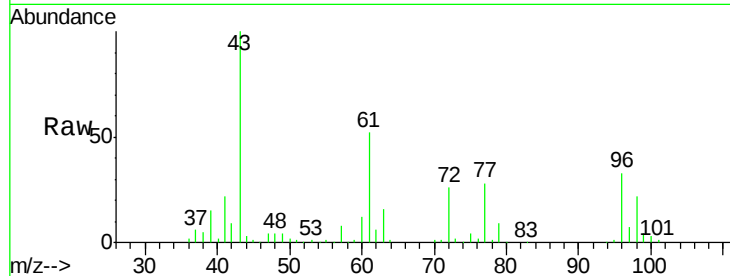
#25
2-Butanone
Concen: 239.259 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 481550
Ion Ratio Lower Upper
43 100
72 25.6 19.2 28.8

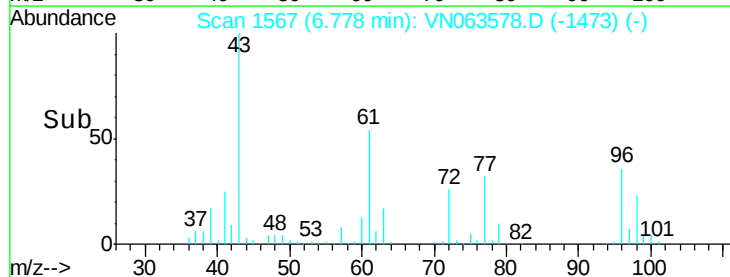
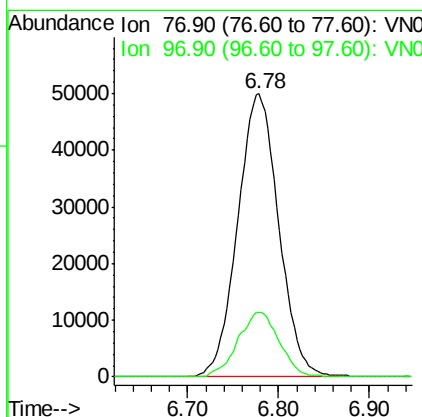
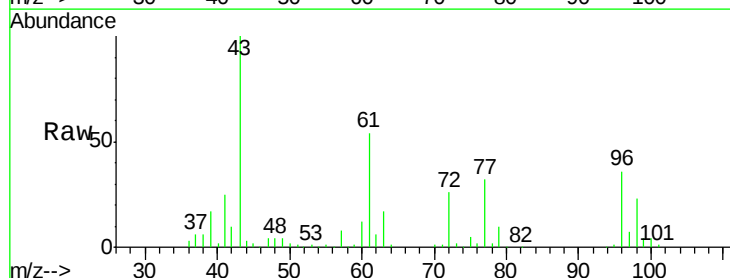
Manual Integrations
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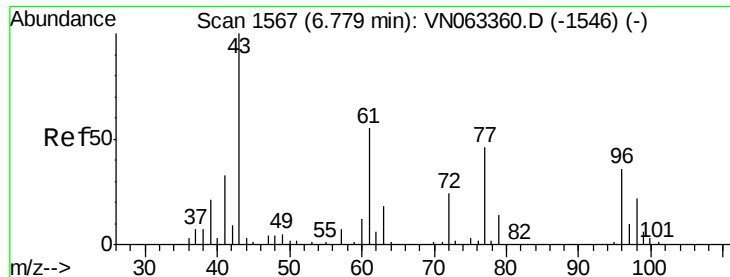
MMDadoda
9/23/2020 1:06:58 PM



#26
2,2-Dichloropropane
Concen: 29.872 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 77 Resp: 156366
Ion Ratio Lower Upper
77 100
97 23.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 49.128 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

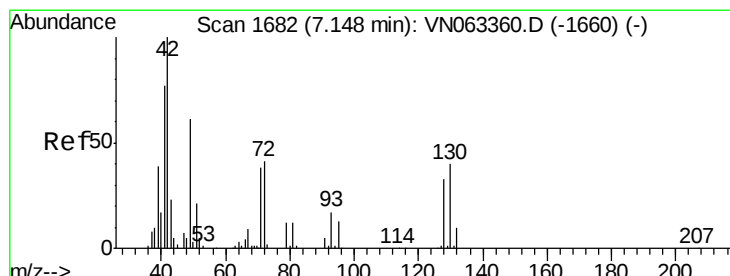
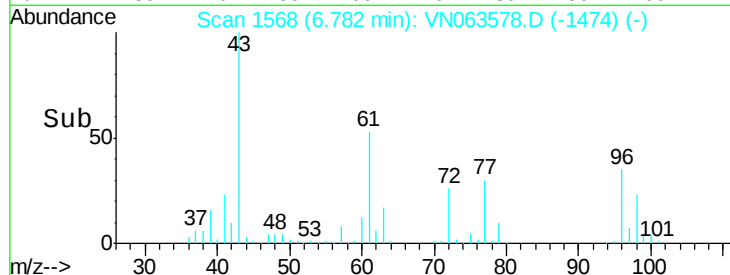
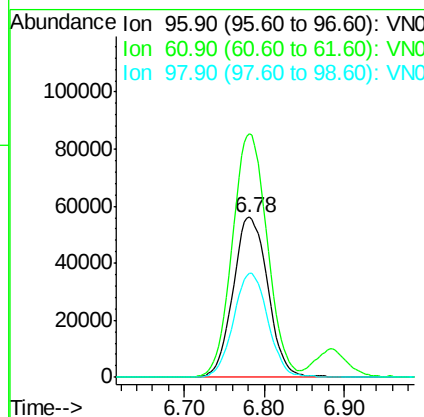
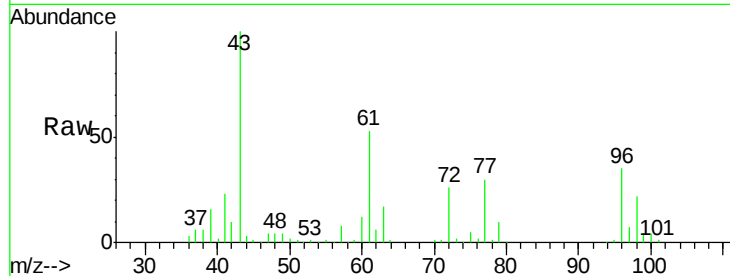
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	166305
Ion Ratio	Lower	Upper	
96	100		
61	152.3	0.0	319.6
98	64.2	0.0	127.8

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#28

Bromochloromethane

Concen: 48.848 ug/l

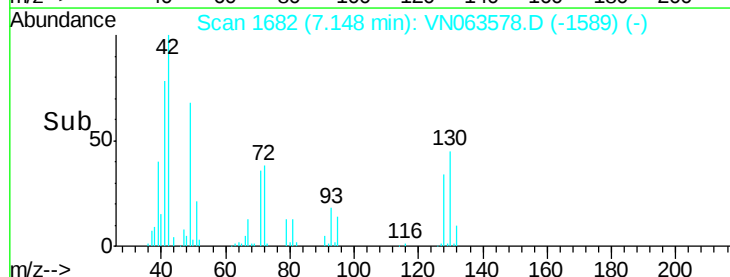
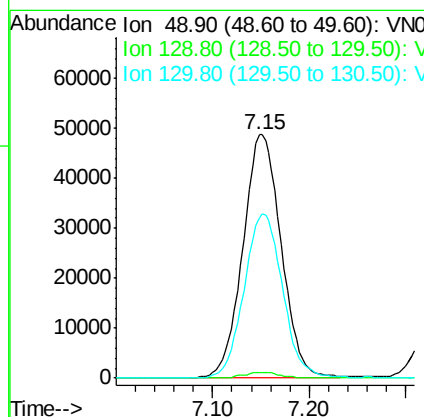
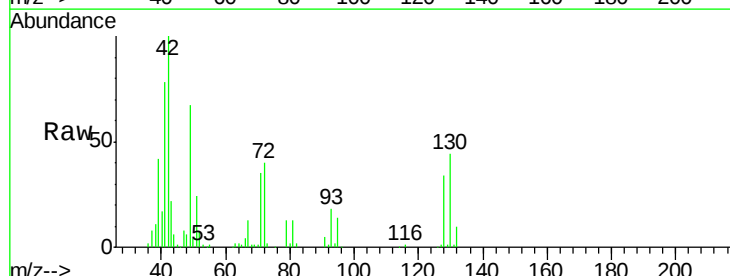
RT: 7.15 min Scan# 1682

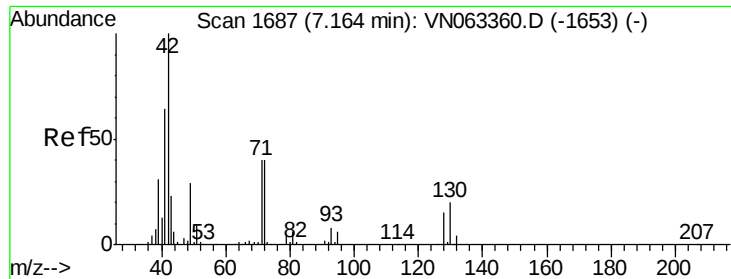
Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Tgt Ion:	49	Resp:	134093
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	3.8
130	67.7	52.2	78.2





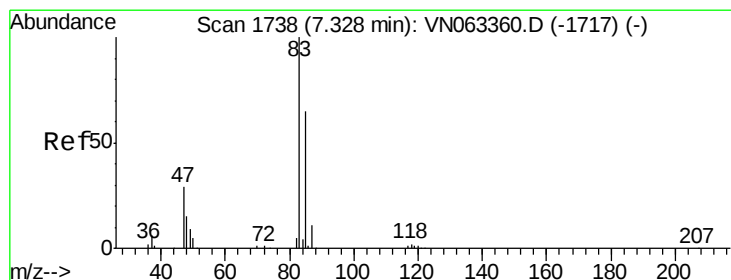
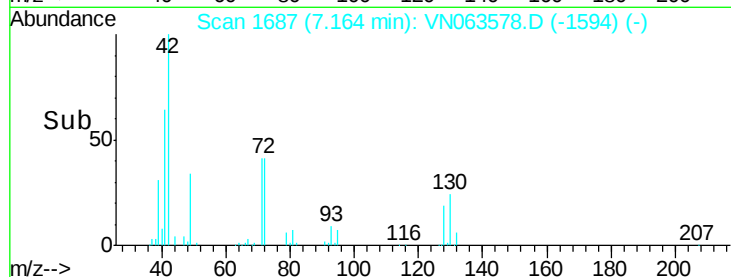
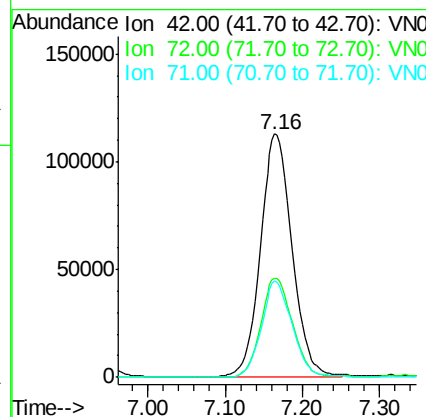
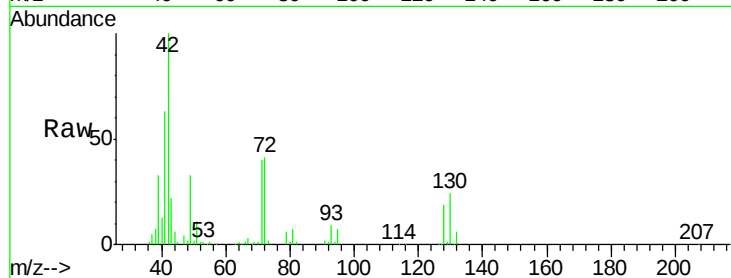
#29
Tetrahydrofuran
Concen: 234.882 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.1	48.1
71	38.5	31.2	46.8

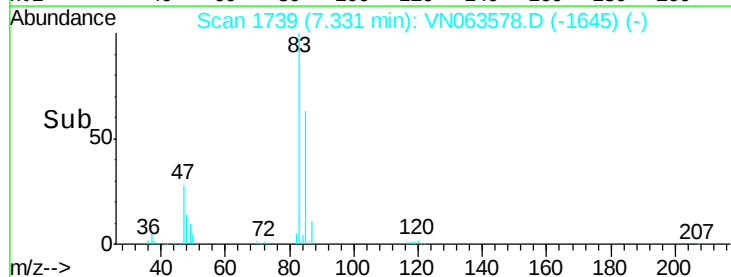
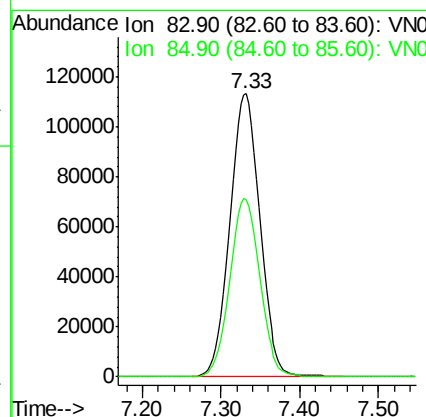
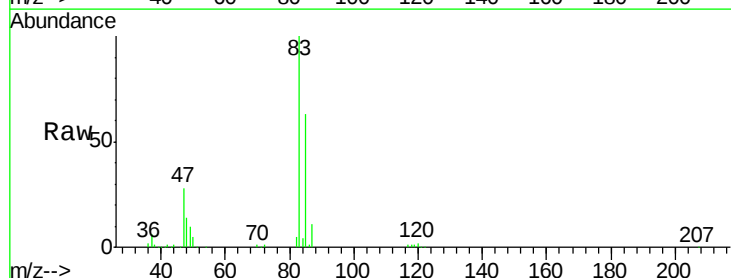
Manual Integrations
APPROVED

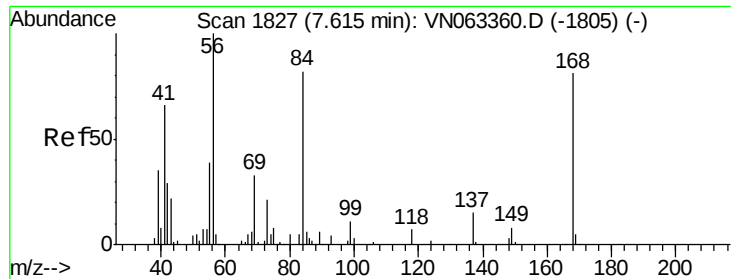
MMDadoda
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#30
Chloroform
Concen: 50.299 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.1	78.1





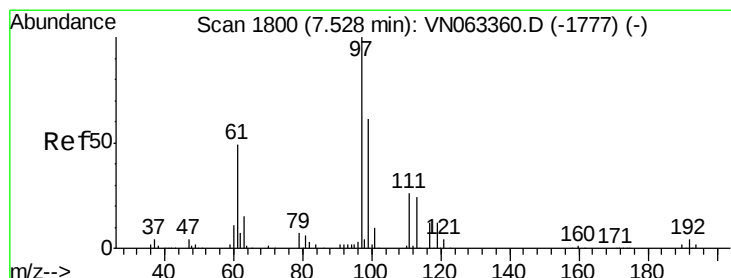
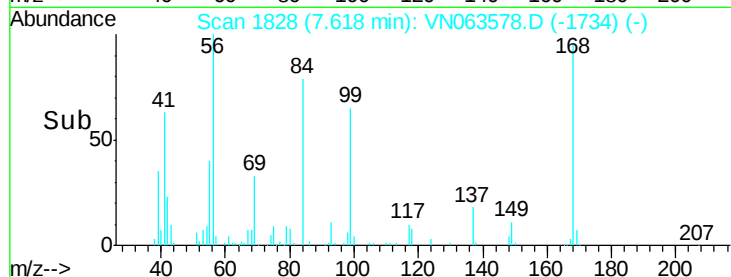
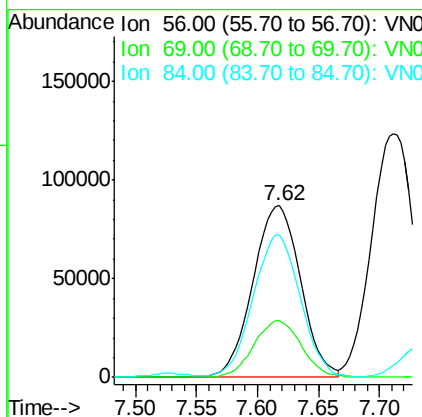
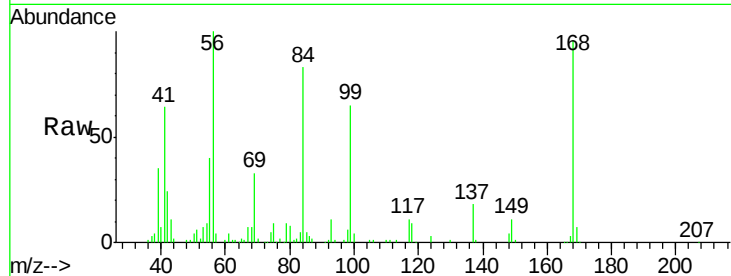
#31
Cvclohexane
Concen: 42.016 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
56	100	236288		
69	33.3		26.1	39.1
84	81.4		65.4	98.2

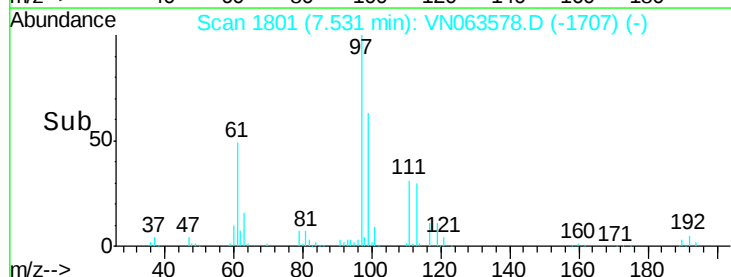
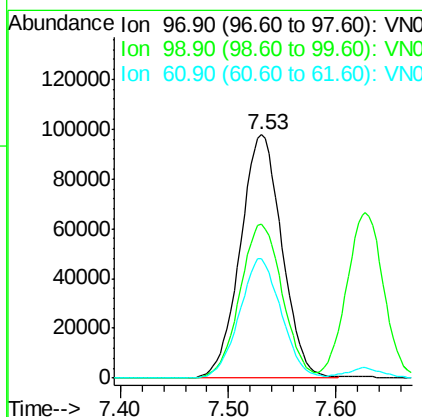
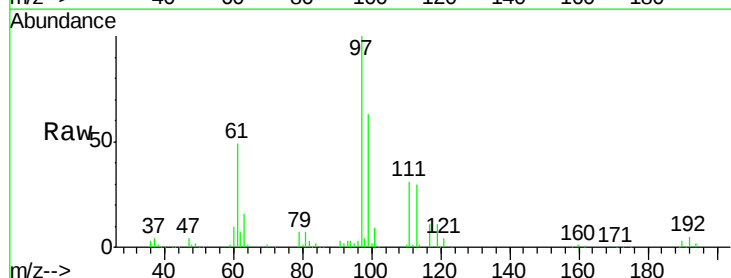
Manual Integrations
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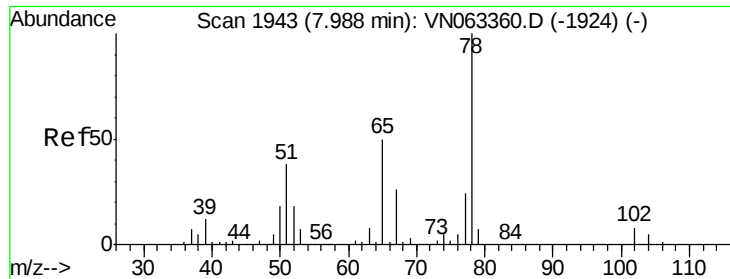
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#32
1,1,1-Trichloroethane
Concen: 49.424 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	262211		
99	64.5		50.6	76.0
61	49.3		39.2	58.8





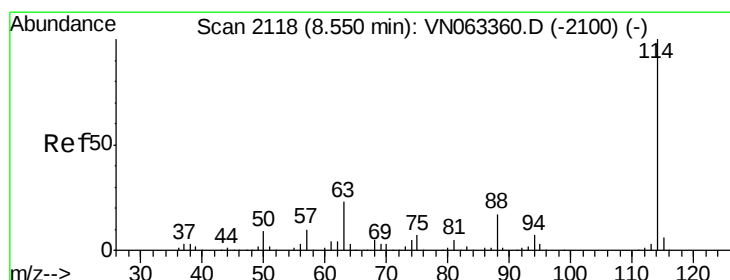
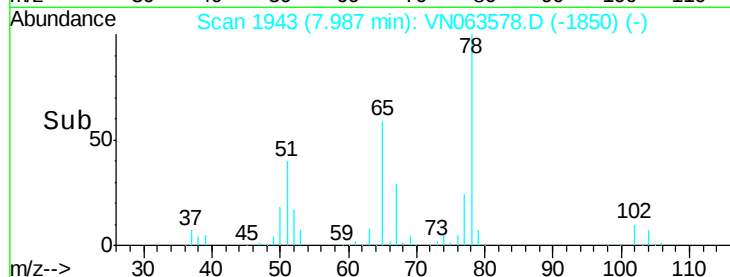
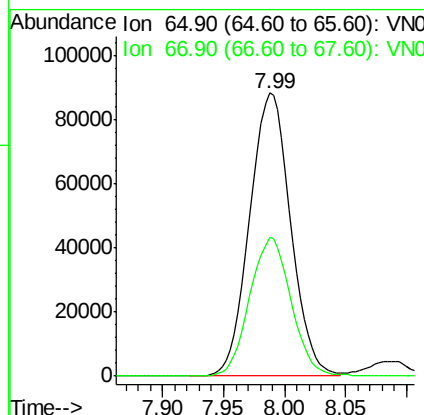
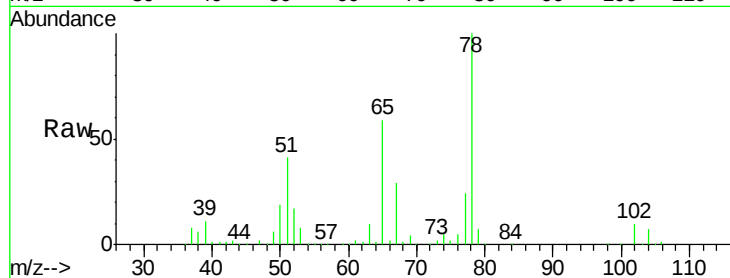
#33
 1,2-Dichloroethane-d4
 Concen: 50.513 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	205686		
67	49.4	0.0	104.2	

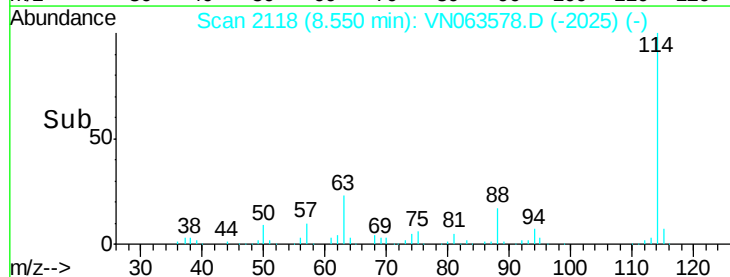
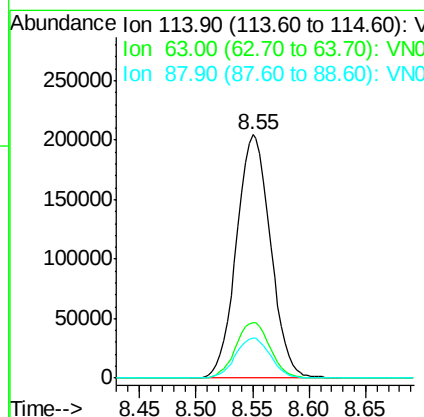
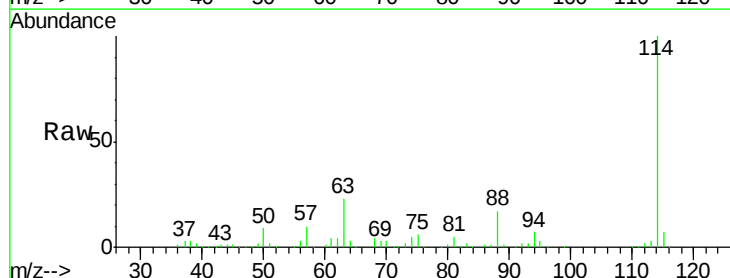
Manual Integrations
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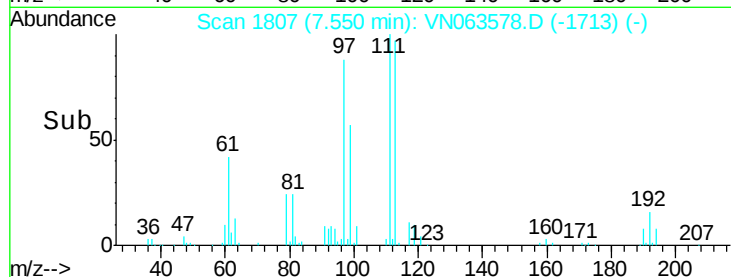
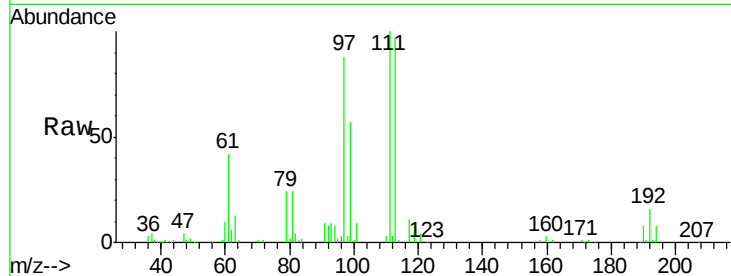
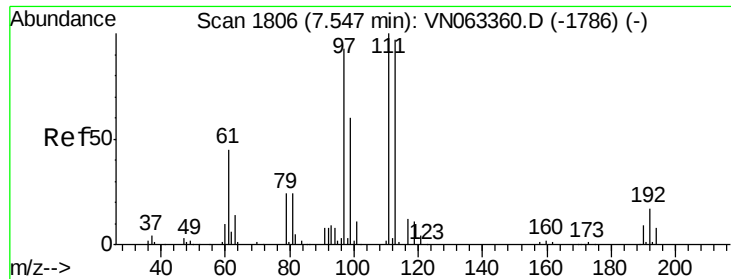
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 9/23/2020 1:06:58 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	430218		
63	22.9	0.0	46.4	
88	16.6	0.0	33.2	





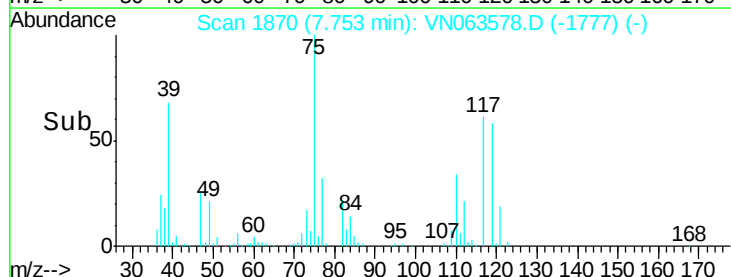
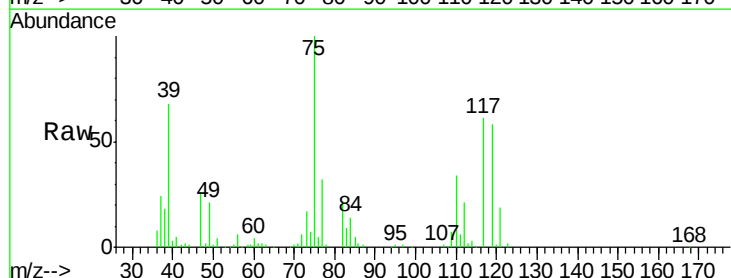
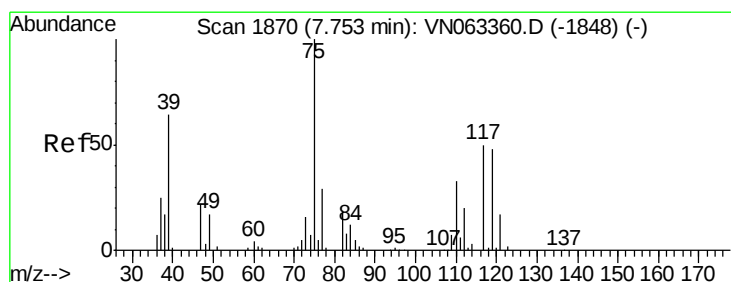
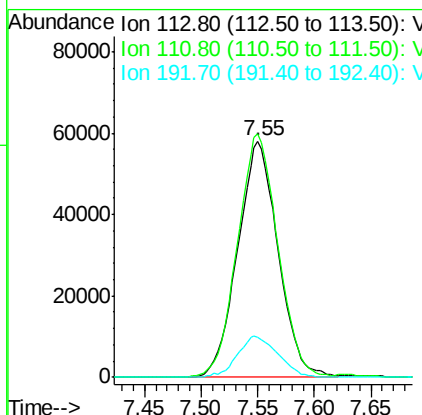
#35
Dibromofluoromethane
Concen: 48.208 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.6	82.9	124.3	
192	17.5	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

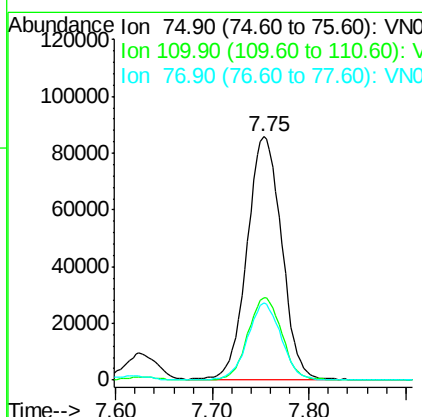
Manual Integrations
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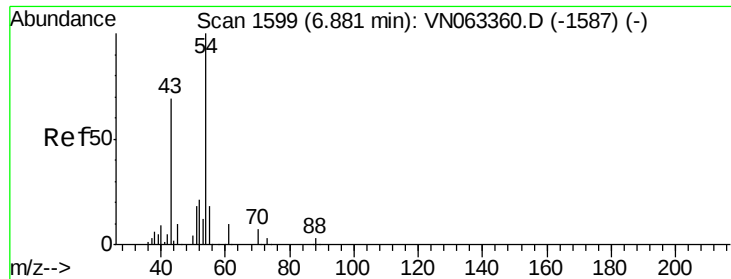
MMDadoda
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#36
1,1-Dichloropropene
Concen: 46.077 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.5	16.5	49.5	
77	31.2	24.6	36.8	





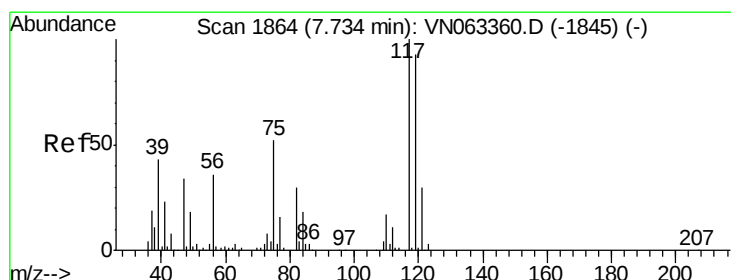
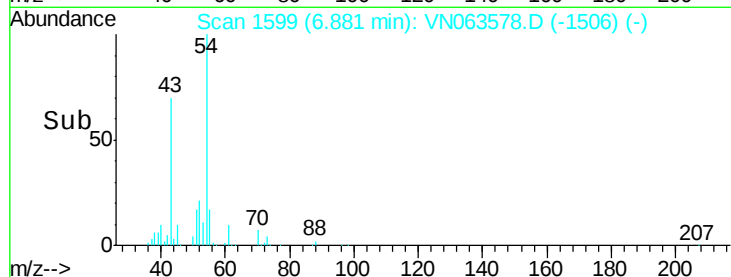
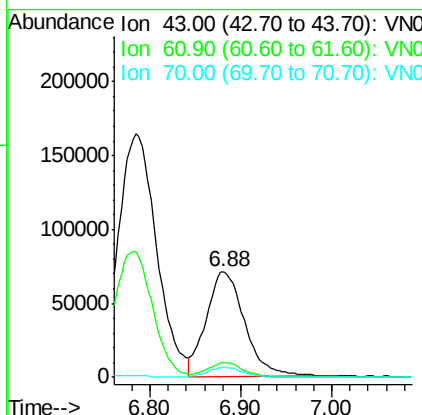
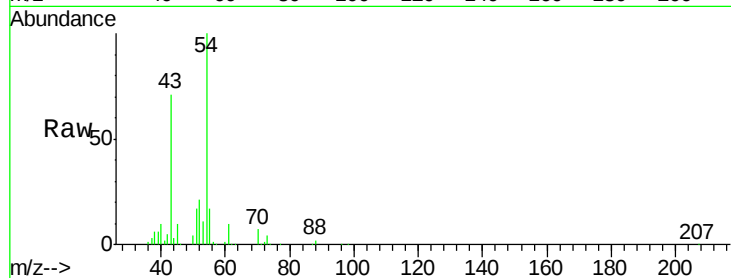
#37
Ethyl Acetate
Concen: 46.471 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.6	15.8
70	9.0	7.2	10.8

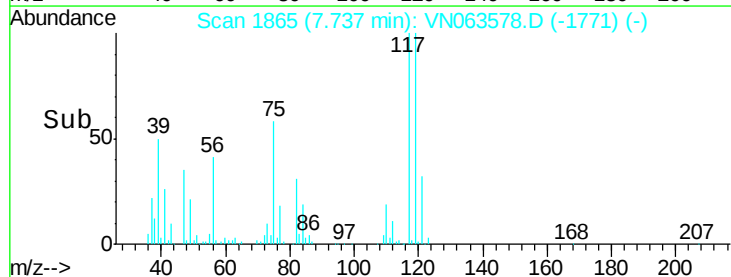
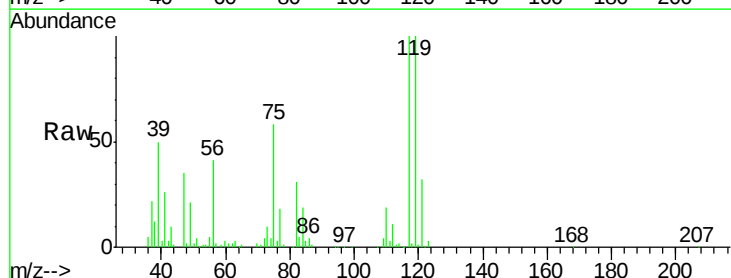
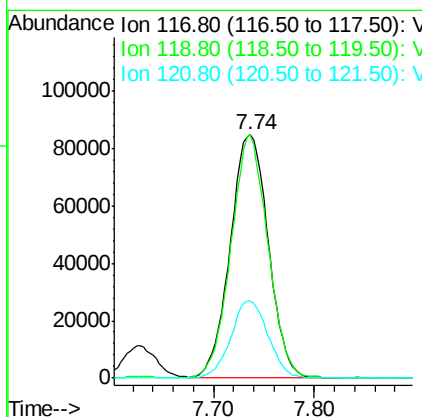
Manual Integrations
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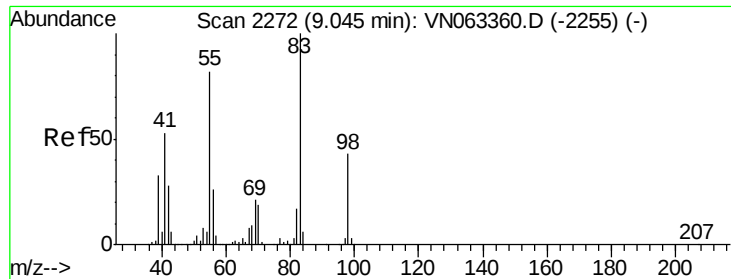
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9/23/2020 1:06:58 PM



#38
Carbon Tetrachloride
Concen: 47.698 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	74.5	111.7
121	31.9	24.1	36.1





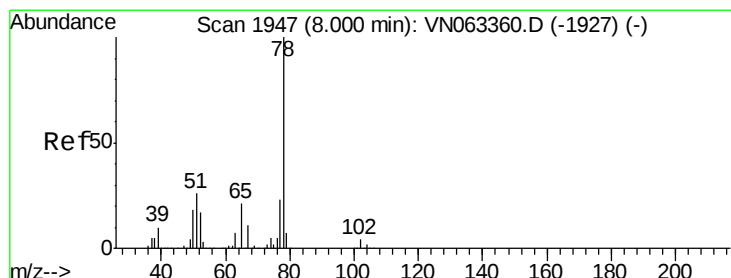
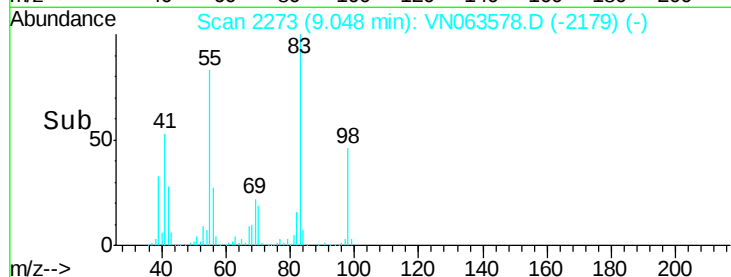
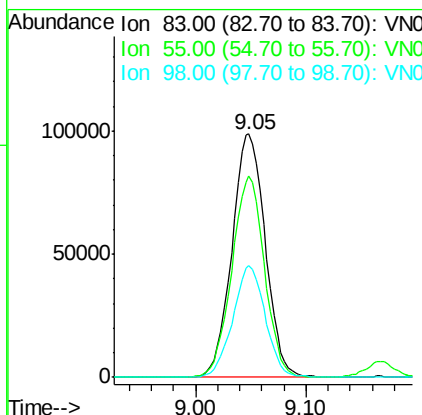
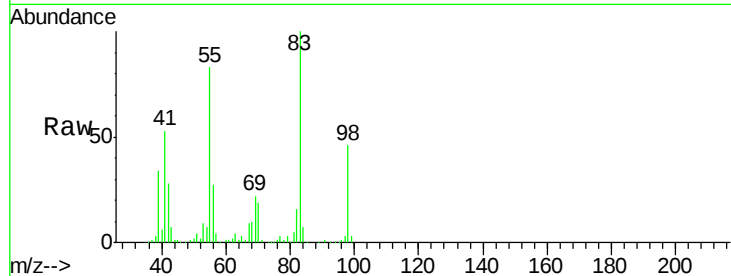
#39
Methvlcvclohexane
Concen: 41.543 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	206651		
55	82.6		65.5	98.3
98	46.1		34.2	51.4

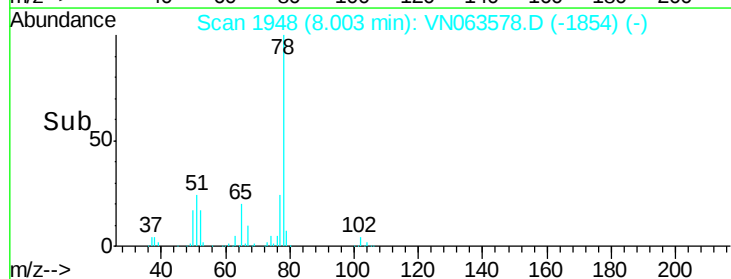
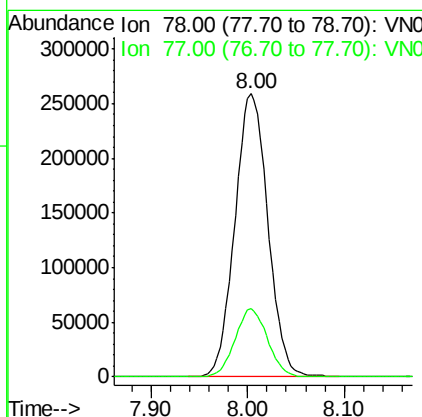
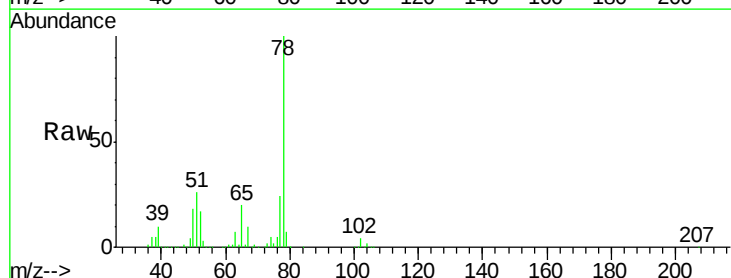
Manual Integrations
APPROVED

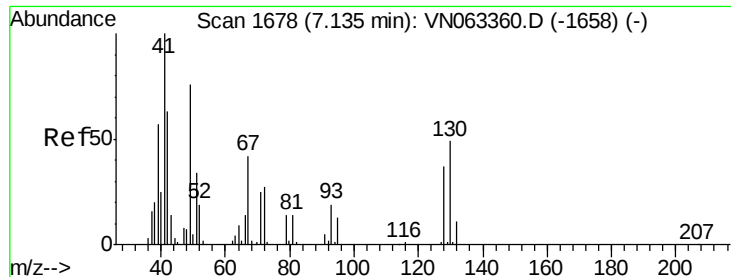
MMDadoda
9/23/2020 1:06:58 PM



#40
Benzene
Concen: 47.091 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	616131		
77	24.1		18.3	27.5





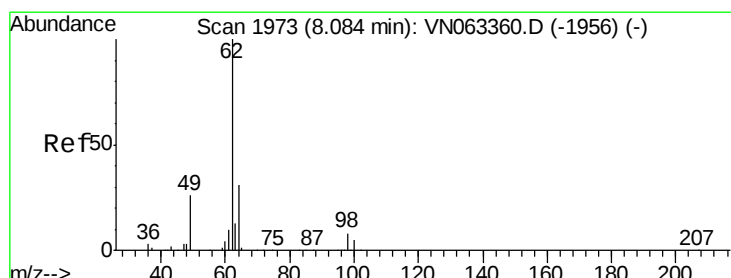
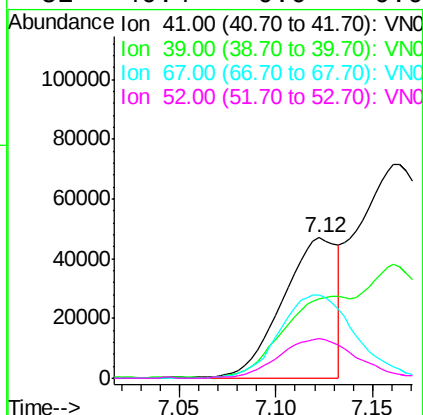
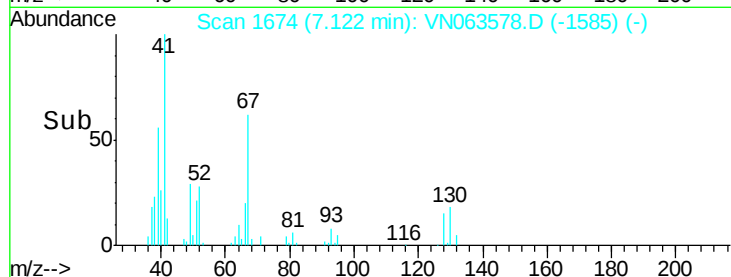
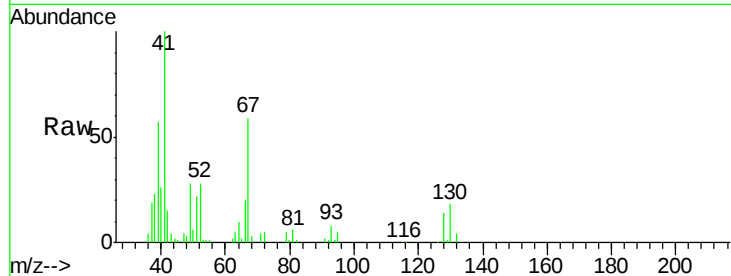
#41
Methacrylonitrile
Concen: 45.474 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.1	0.0	0.0#
67	83.9	0.0	0.0#
52	40.4	0.0	0.0#

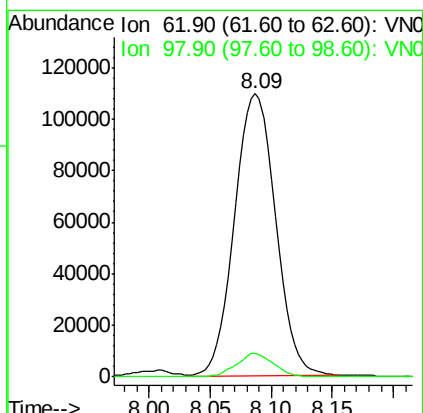
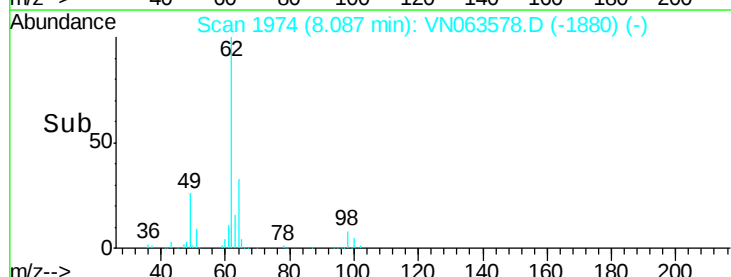
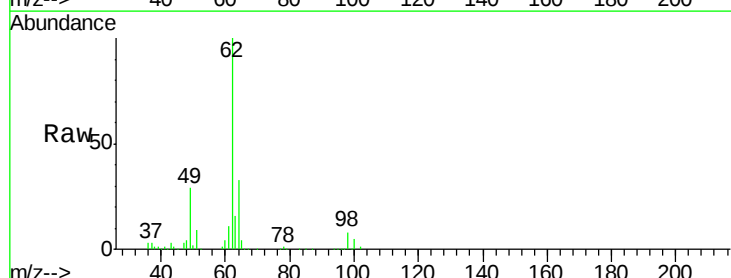
Manual Integrations
APPROVED

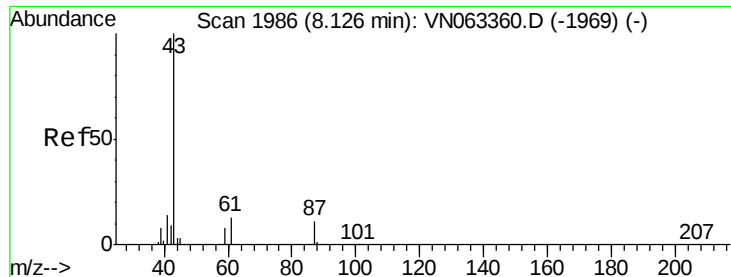
MMDadoda
9/23/2020 1:06:58 PM



#42
1,2-Dichloroethane
Concen: 48.608 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6





#43

Isopropyl Acetate

Concen: 45.476 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

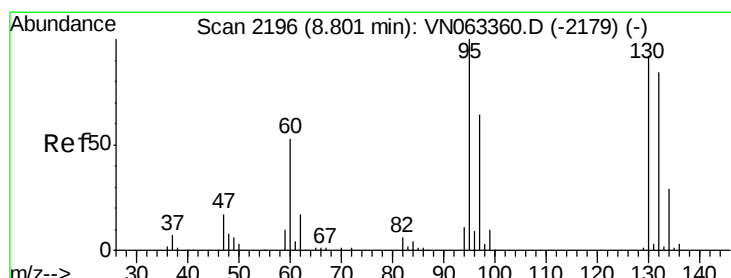
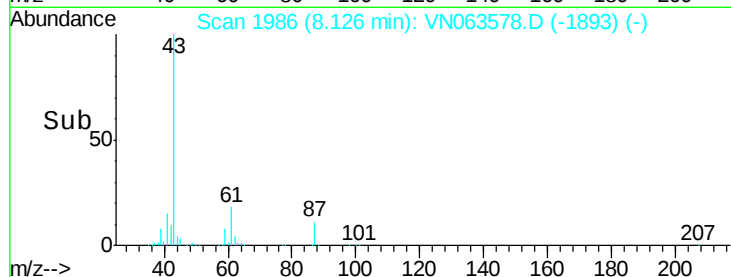
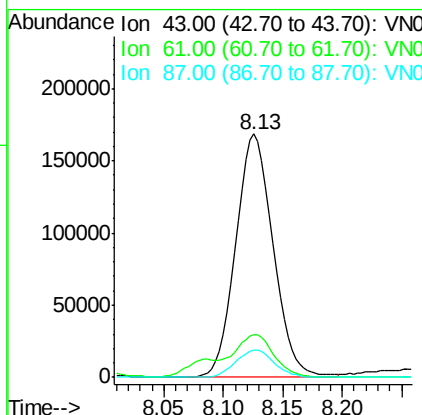
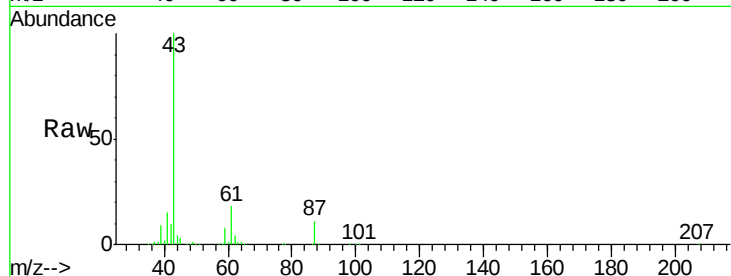
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	365785
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.2	21.2
87	11.7	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 47.756 ug/l

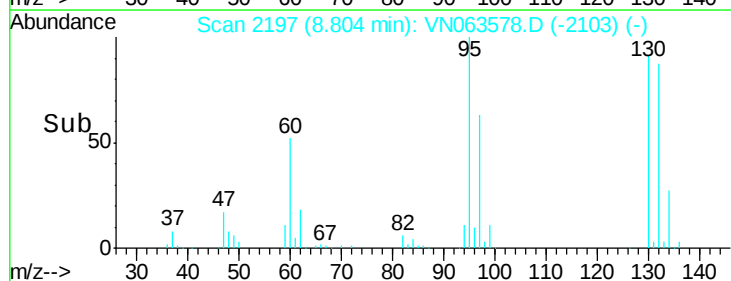
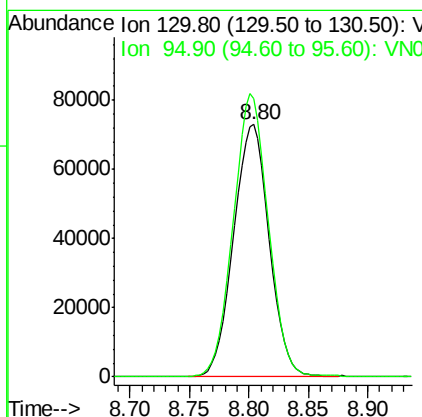
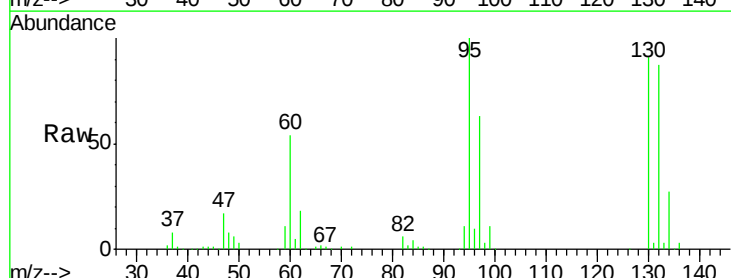
RT: 8.80 min Scan# 2197

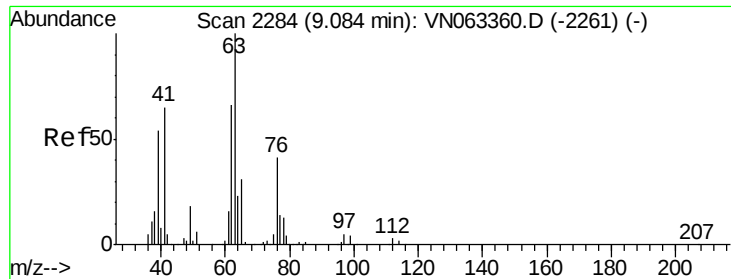
Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Tgt Ion:	130	Resp:	151549
Ion	Ratio	Lower	Upper
130	100		
95	110.0	0.0	217.4





#45

1,2-Dichloropropane

Concen: 48.129 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 171507

Ion Ratio Lower Upper

63 100

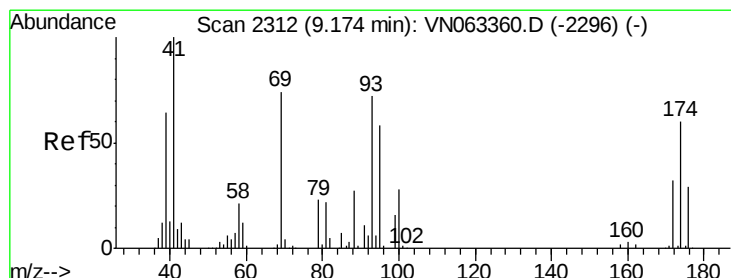
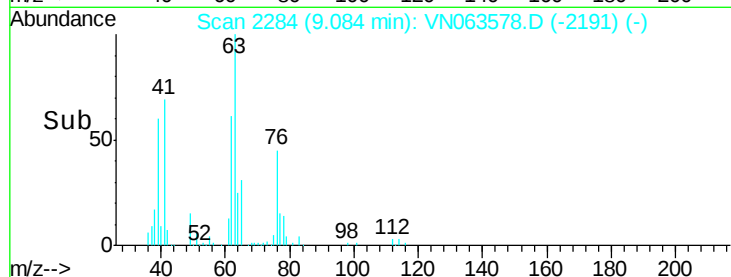
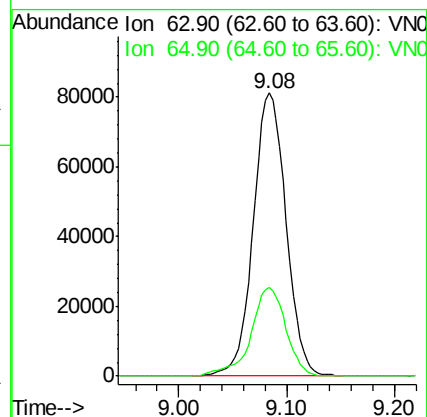
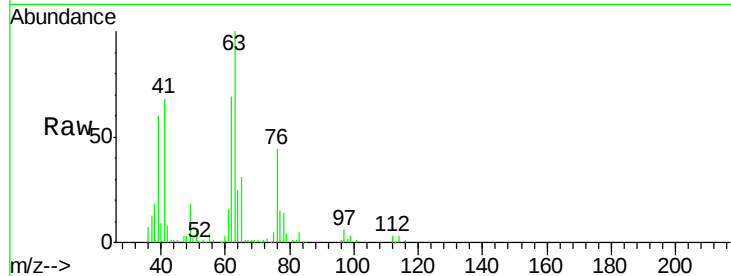
65 31.3 25.0 37.6

Manual Integrations

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9/23/2020 1:06:58 PM



#46

Dibromomethane

Concen: 49.542 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

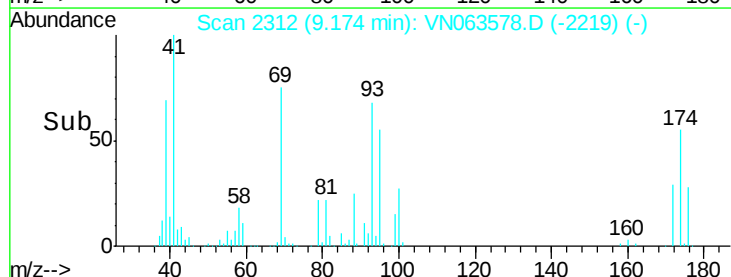
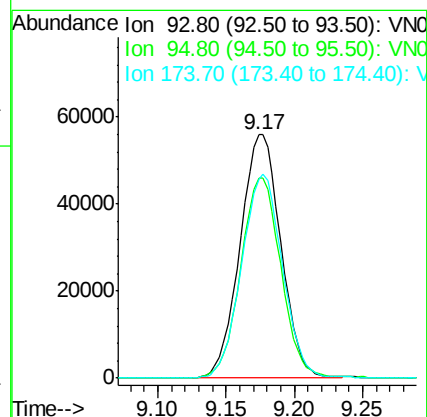
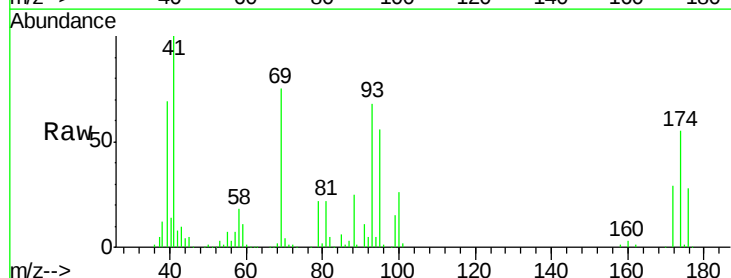
Tgt Ion: 93 Resp: 116033

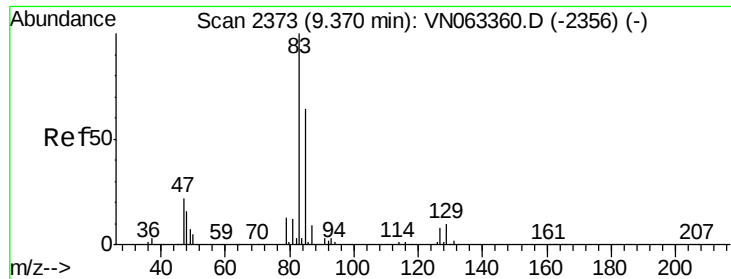
Ion Ratio Lower Upper

93 100

95 81.5 65.6 98.4

174 83.9 68.1 102.1





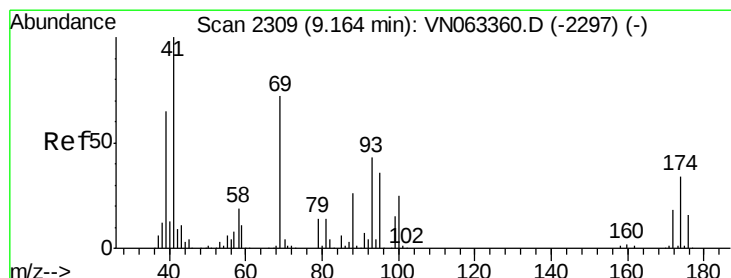
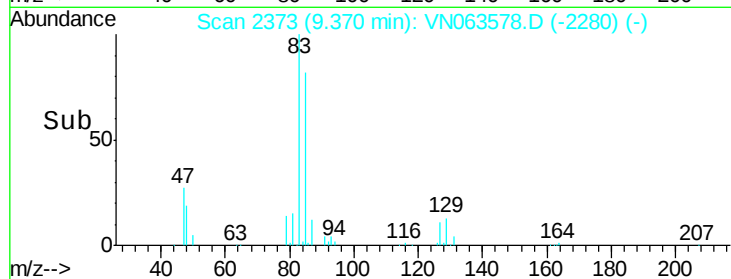
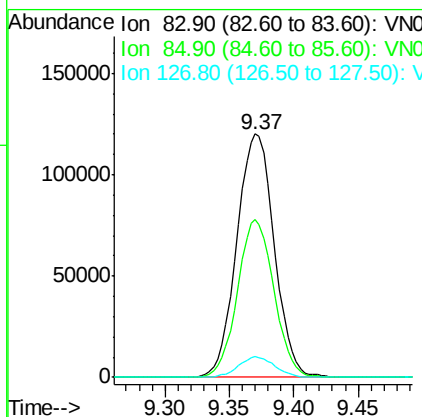
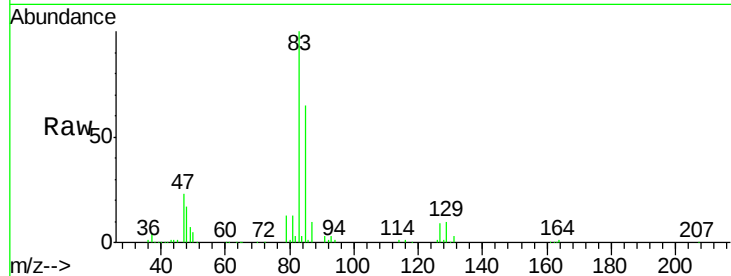
#47
Bromodichloromethane
Concen: 49.870 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	242654		
85	65.1	51.0	76.6	
127	8.6	6.3	9.5	

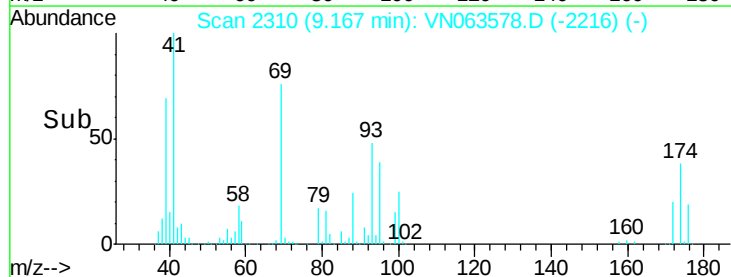
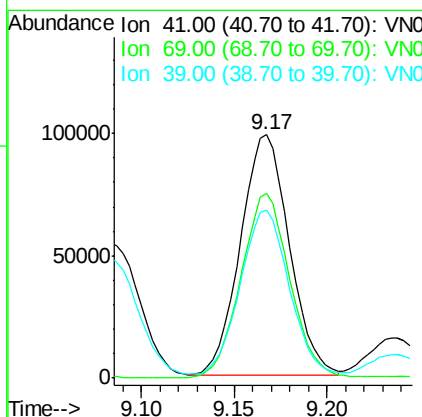
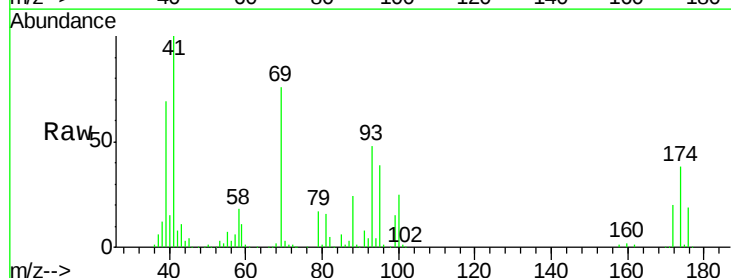
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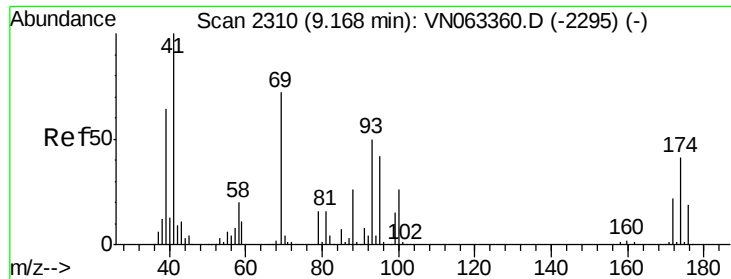
MMDadoda
9/23/2020 1:06:58 PM



#48
Methyl methacrylate
Concen: 45.809 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	181031		
69	77.0	59.3	88.9	
39	71.0	52.9	79.3	





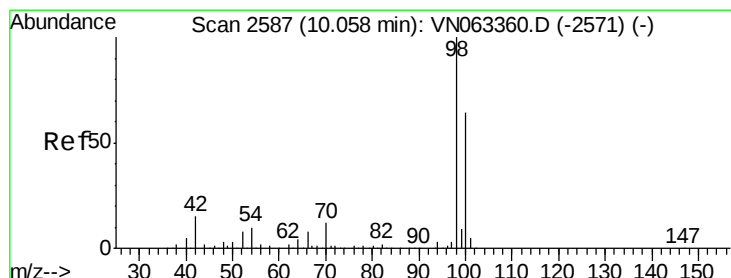
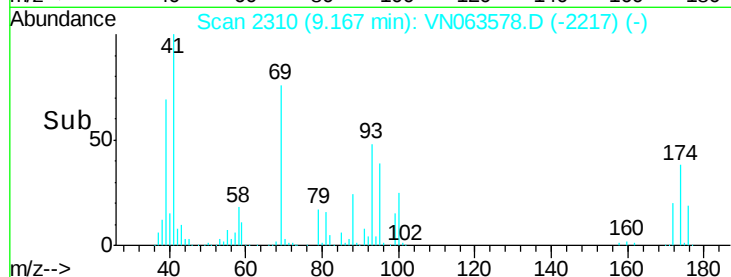
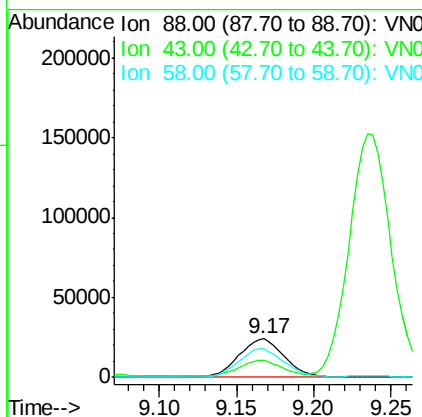
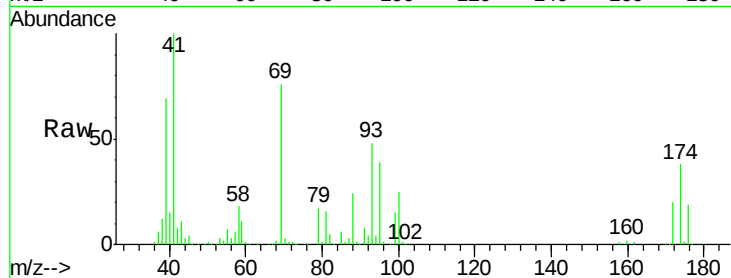
#49
1,4-Dioxane
Concen: 865.133 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.1	32.6	49.0
58	75.0	60.0	90.0

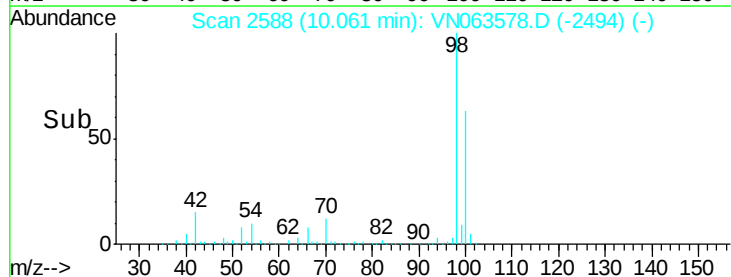
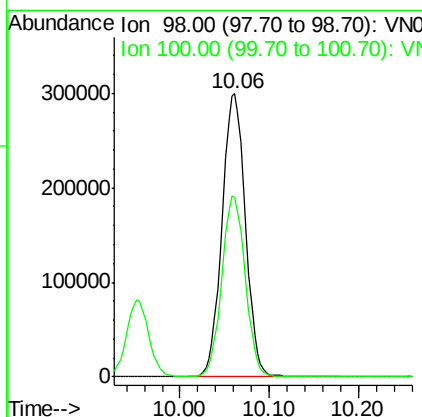
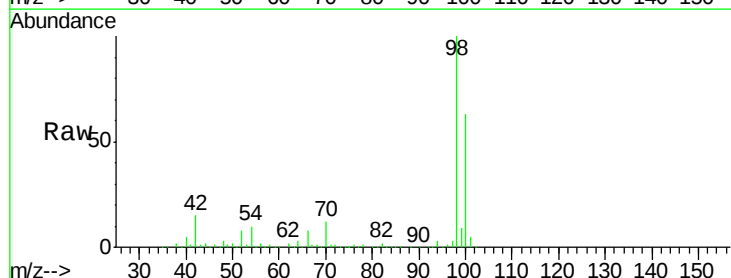
Manual Integrations
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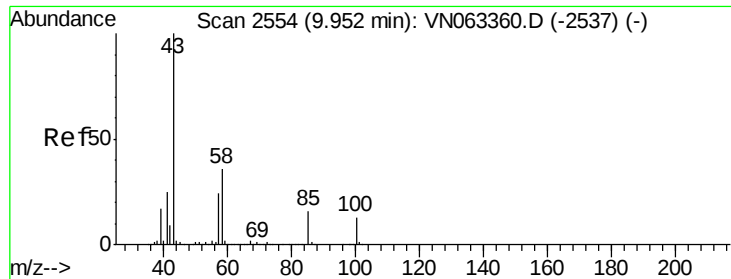
MMDadoda
9/23/2020 1:06:58 PM



#50
Toluene-d8
Concen: 48.625 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.7	76.1





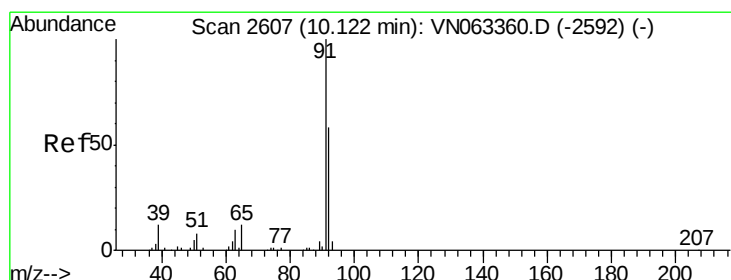
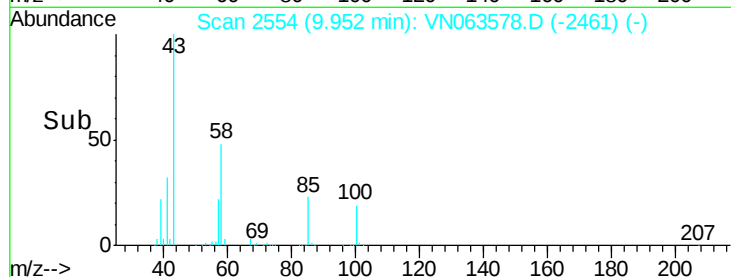
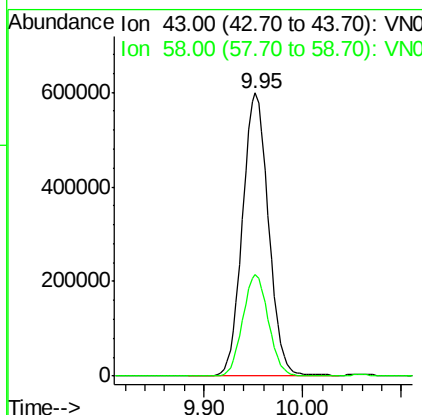
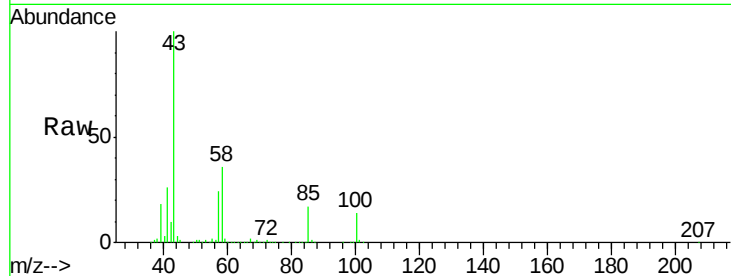
#51
4-Methyl-2-Pentanone
Concen: 241.522 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1087587
Ion Ratio Lower Upper
43 100
58 35.6 29.0 43.6

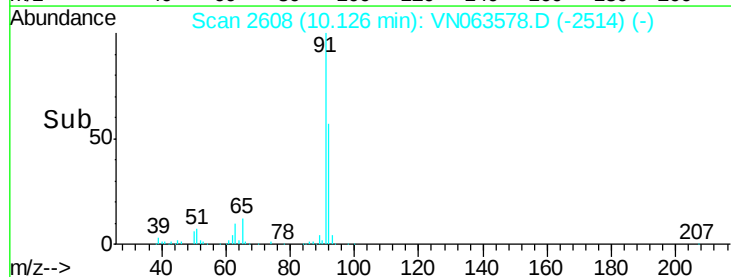
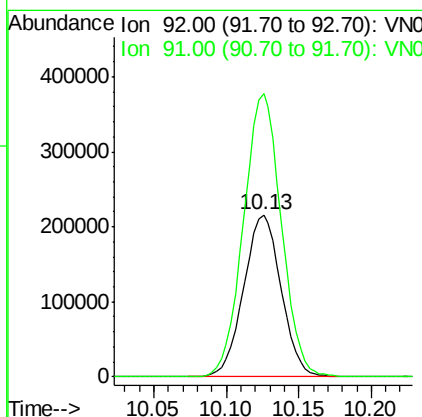
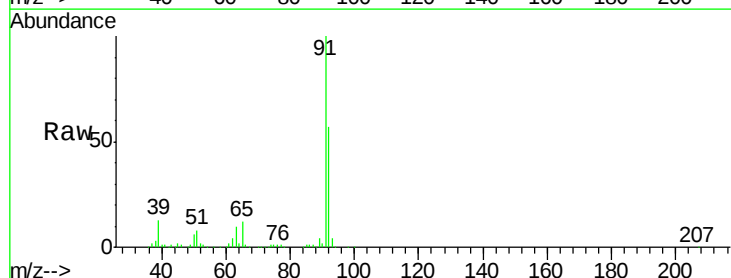
Manual Integrations
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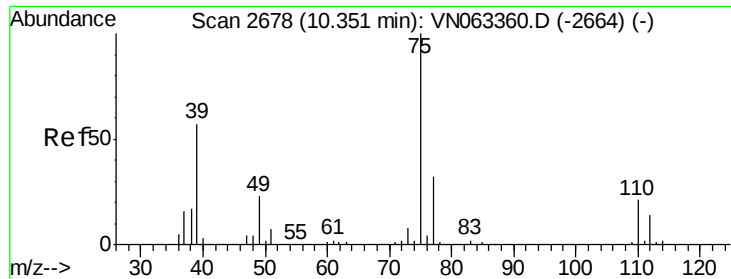
MMDadoda
9/23/2020 1:06:58 PM



#52
Toluene
Concen: 49.440 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 92 Resp: 388913
Ion Ratio Lower Upper
92 100
91 176.2 139.7 209.5





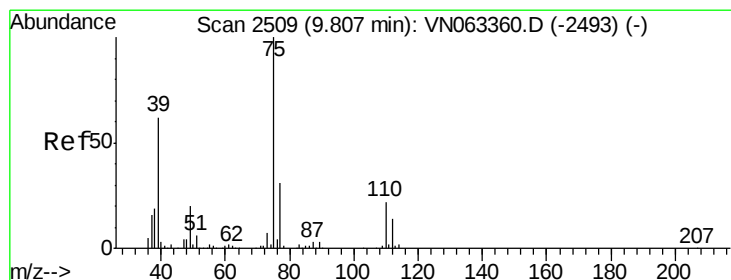
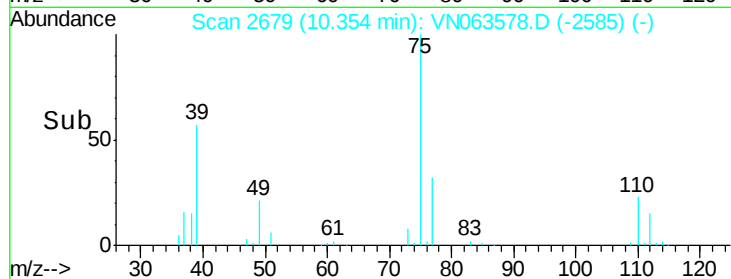
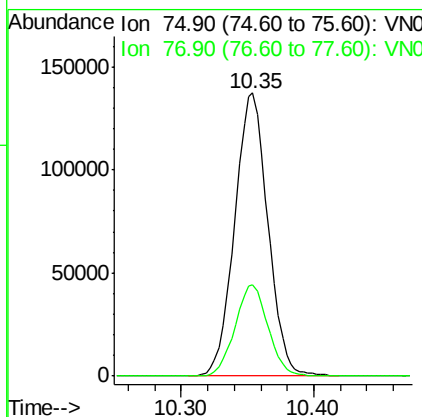
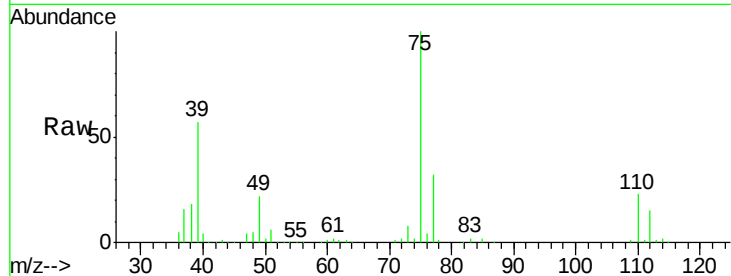
#53
 t-1,3-Dichloropropene
 Concen: 43.961 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 238798
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2

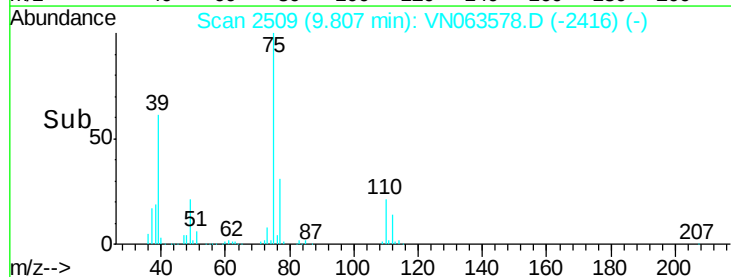
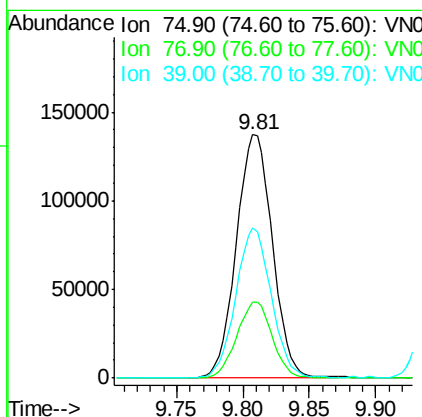
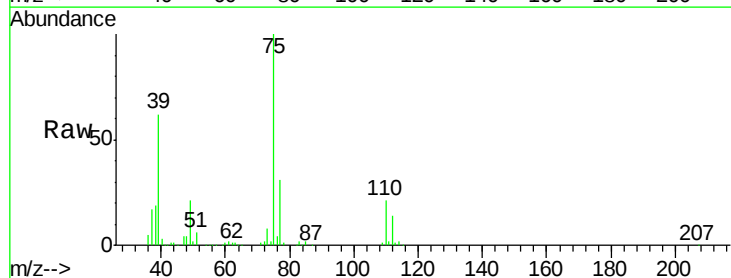
Manual Integrations
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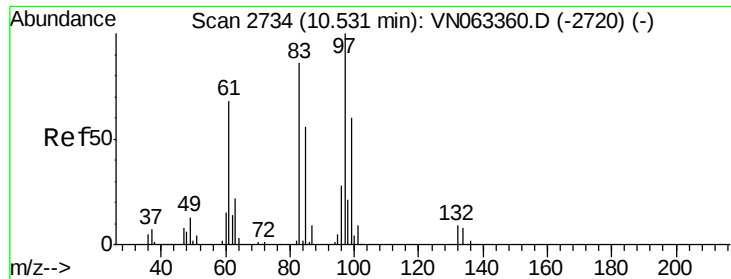
MMDadoda
 9/23/2020 1:06:58 PM



#54
 cis-1,3-Dichloropropene
 Concen: 45.362 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion: 75 Resp: 259910
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 61.4 49.8 74.8





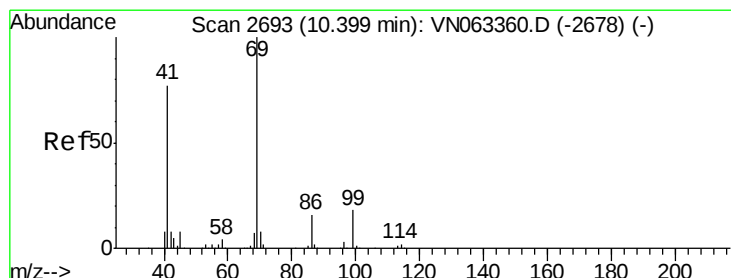
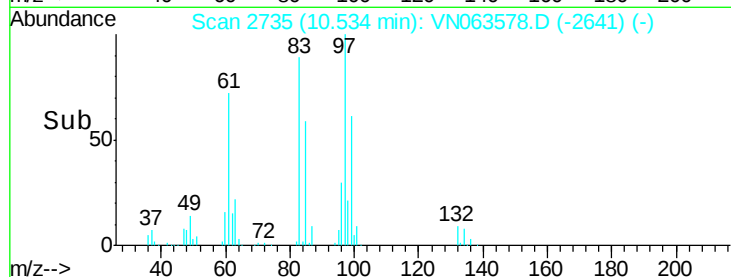
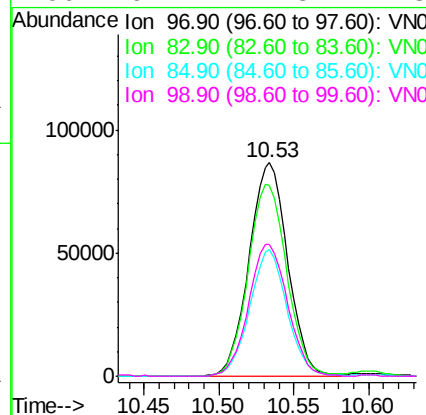
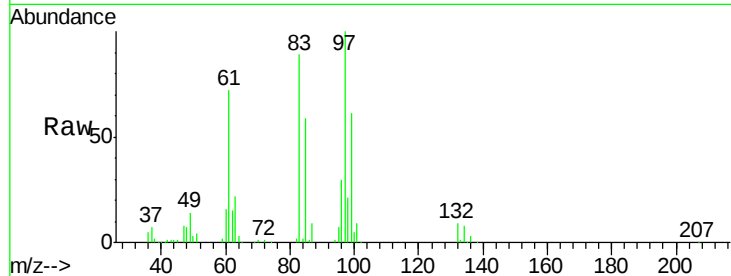
#55
 1,1,2-Trichloroethane
 Concen: 49.840 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		155730		
83	89.4	68.9	103.3		
85	59.3	44.8	67.2		
99	61.4	47.8	71.8		

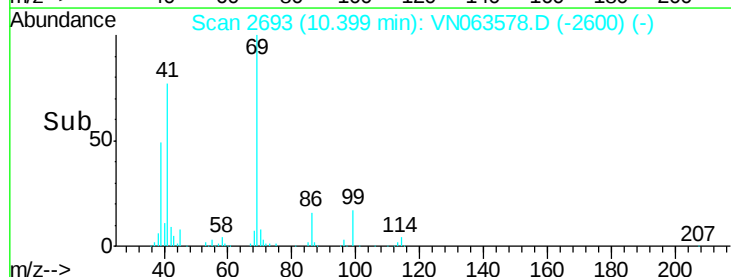
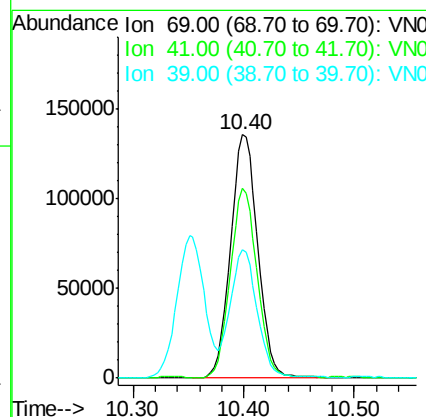
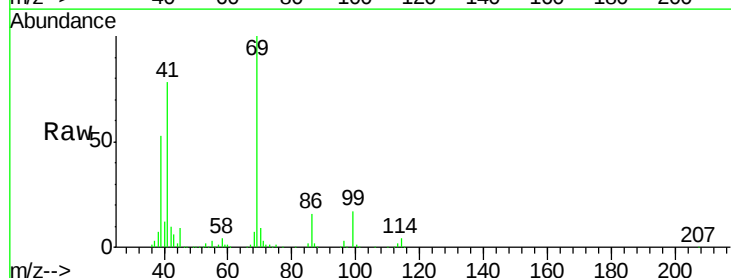
Manual Integrations
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 9/23/2020 1:06:58 PM



#56
 Ethyl methacrylate
 Concen: 47.888 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		233592		
41	76.0	61.0	91.6		
39	51.4	39.2	58.8		





#57

1,3-Dichloropropane

Concen: 47.809 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 269389

Ion Ratio Lower Upper

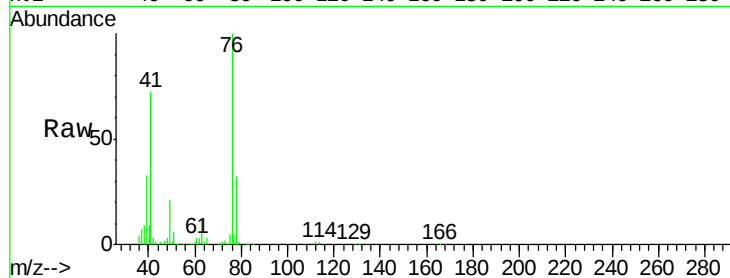
76 100

78 32.4 25.8 38.8

Manual Integrations
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MMDadoda

9/23/2020 1:06:58 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

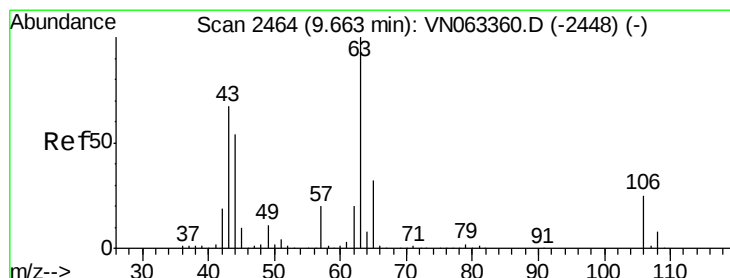
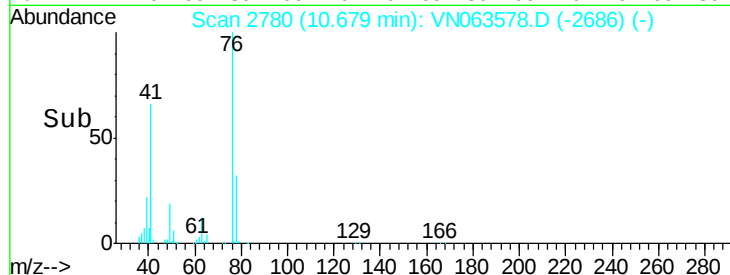
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 236.872 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063578.D

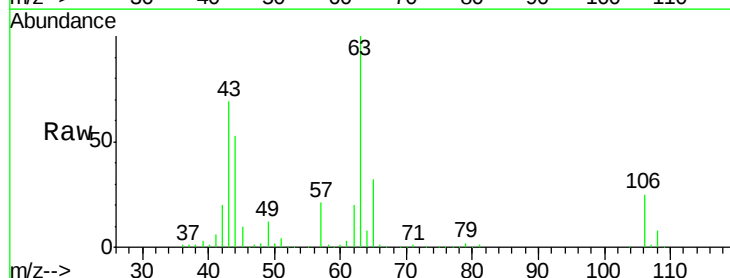
Acq: 23 Sep 2020 10:28

Tgt Ion: 63 Resp: 606113

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

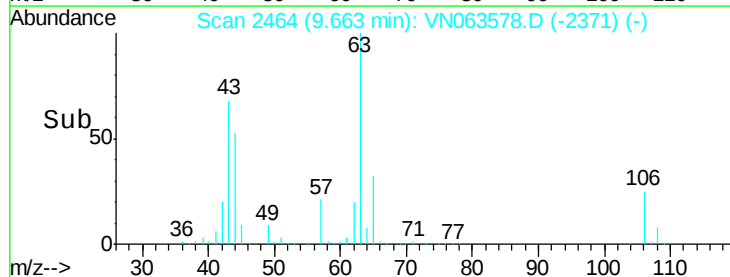
300000

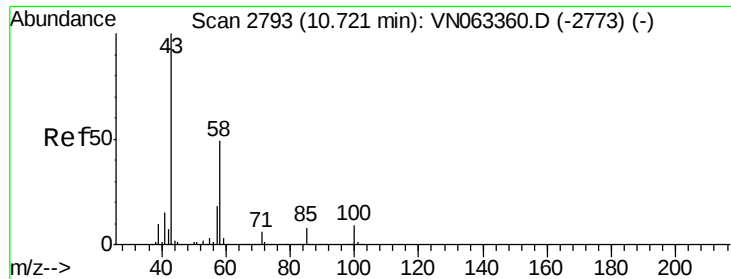
200000

100000

0

Time-->





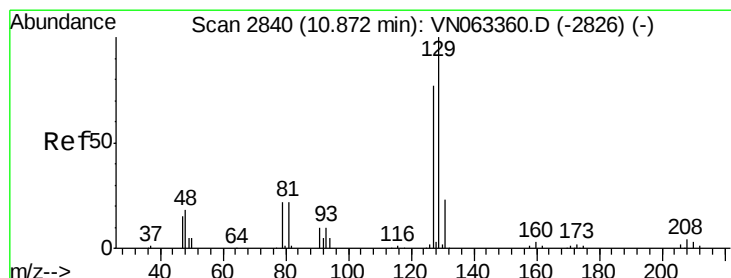
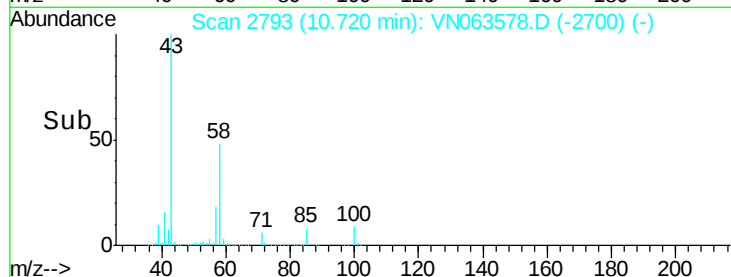
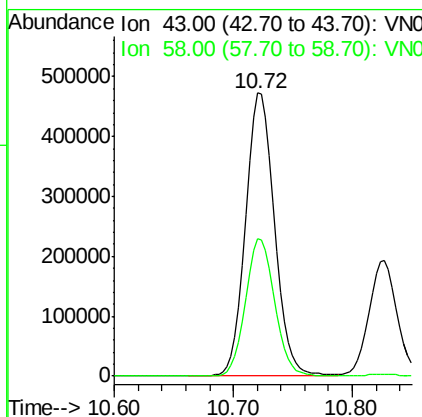
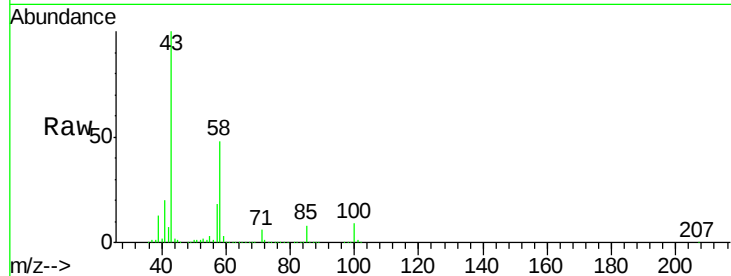
#59
2-Hexanone
Concen: 244.235 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 796779
Ion Ratio Lower Upper
43 100
58 48.9 24.7 74.1

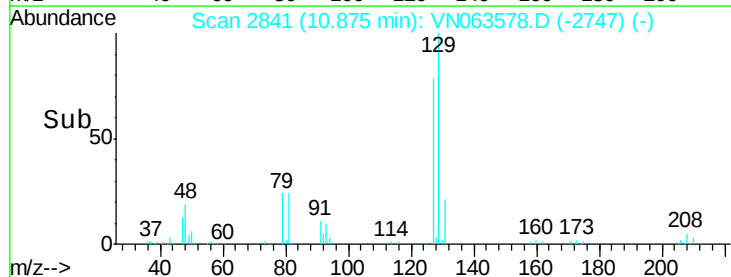
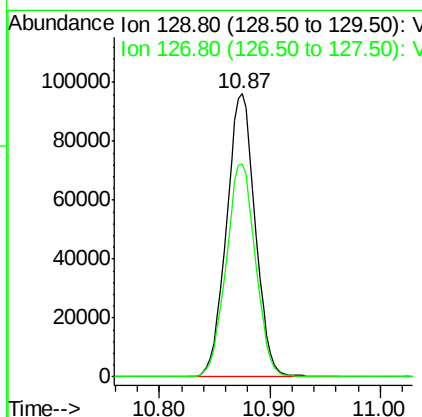
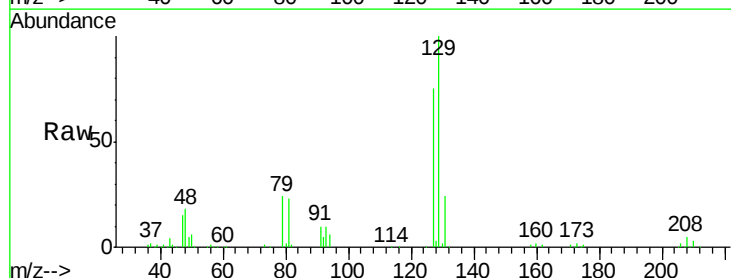
Manual Integrations
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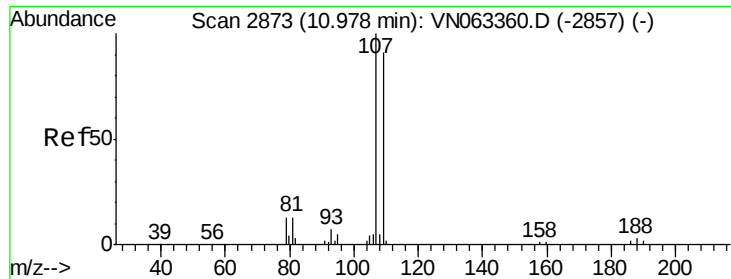
MMDadoda
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#60
Dibromochloromethane
Concen: 49.185 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 129 Resp: 173621
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3





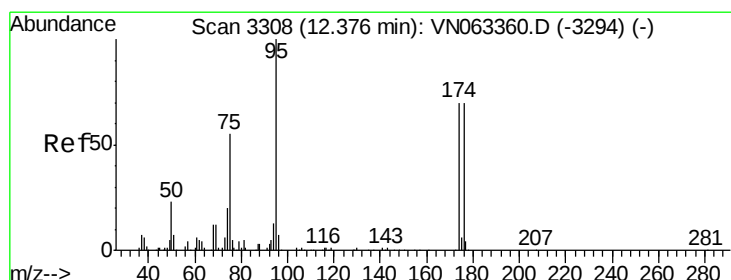
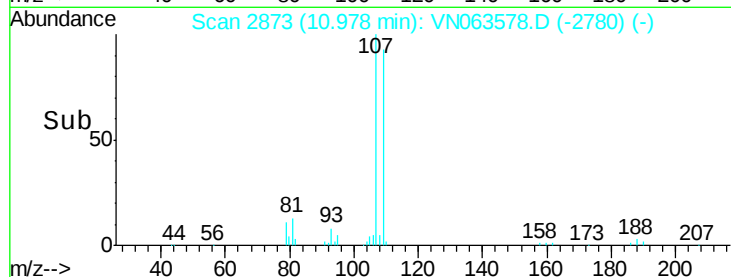
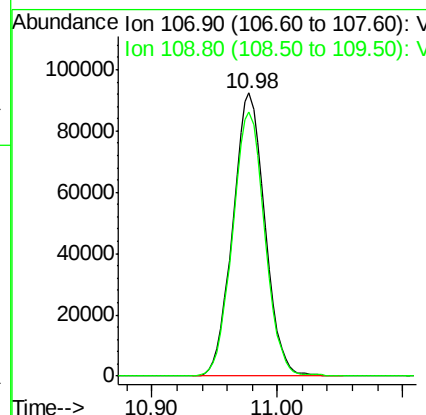
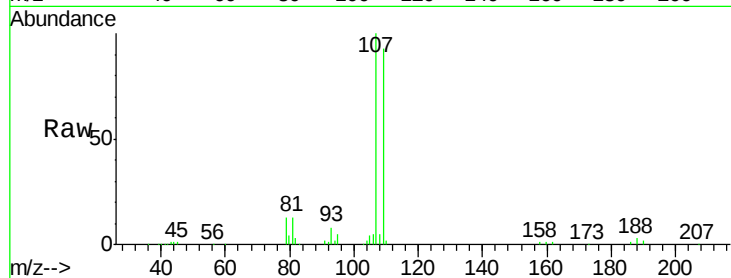
#61
 1,2-Dibromoethane
 Concen: 50.413 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	163651		
109	93.7	74.6	111.8	

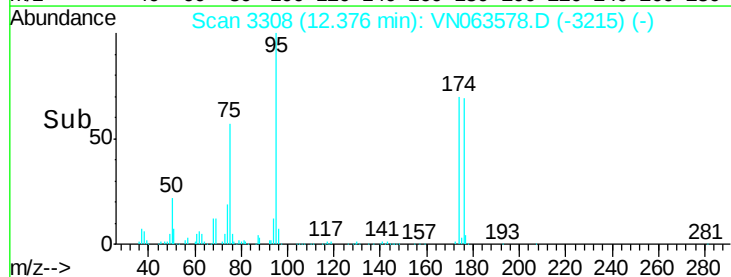
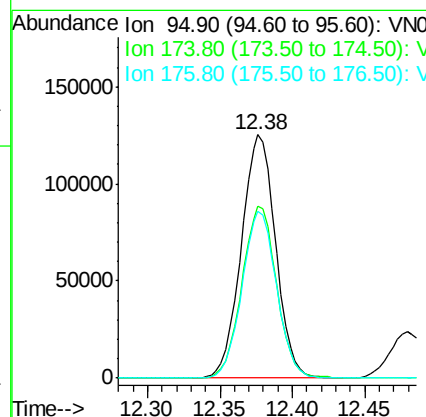
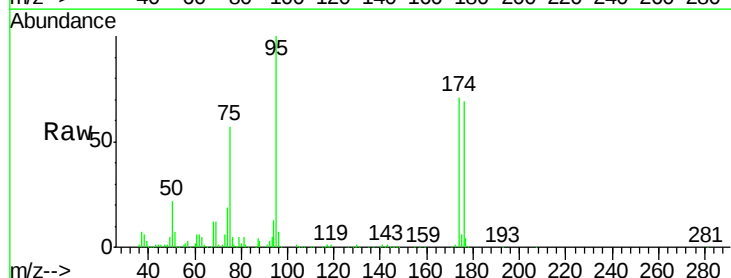
Manual Integrations
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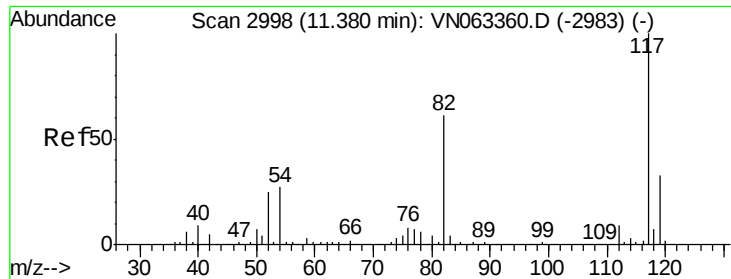
MMDadoda
 9/23/2020 1:06:58 PM



#62
 4-Bromofluorobenzene
 Concen: 50.155 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	205903		
174	71.4	0.0	140.8	
176	69.0	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: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

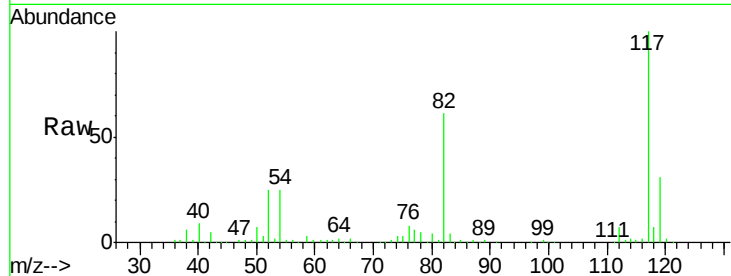
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	403944
Ion Ratio	Lower	Upper	
117	100		
82	61.0	49.2	73.8
119	31.2	26.2	39.4

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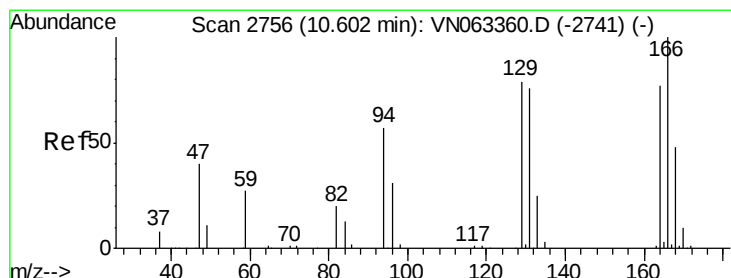
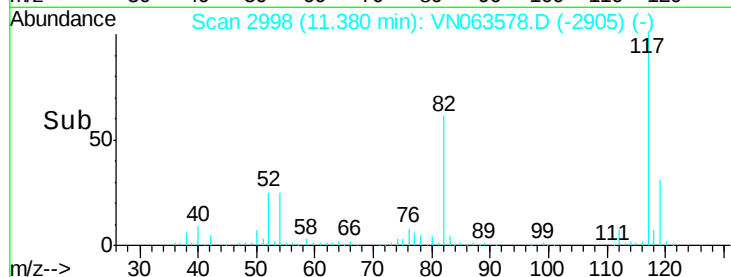
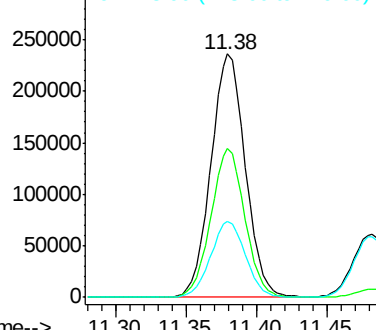


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.041 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Tgt Ion:	164	Resp:	140391
Ion Ratio	Lower	Upper	
164	100		
166	128.0	103.4	155.0
129	106.5	81.8	122.6
131	98.6	78.2	117.4

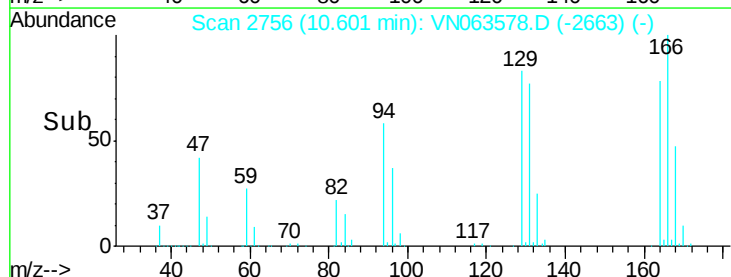
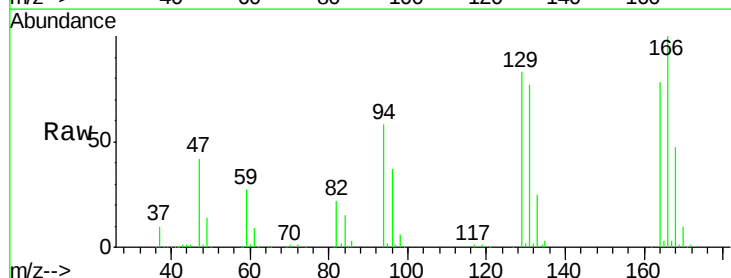
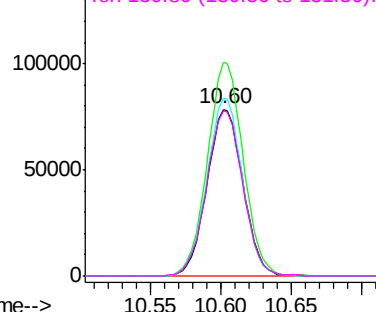
Abundance

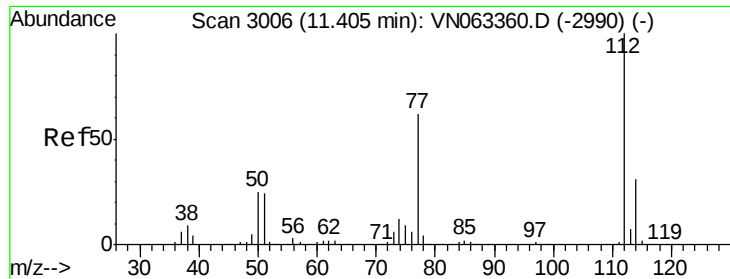
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





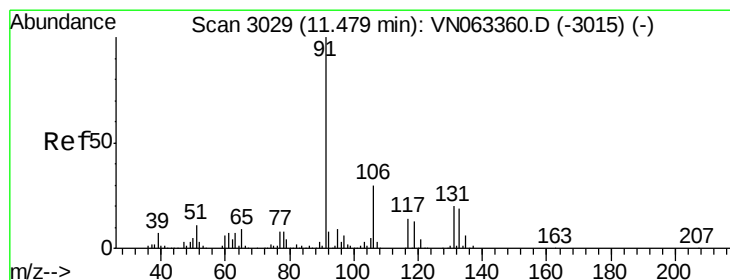
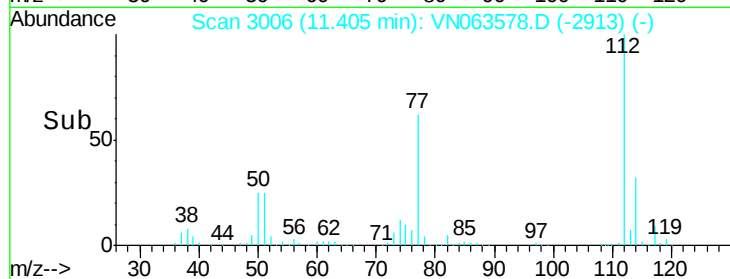
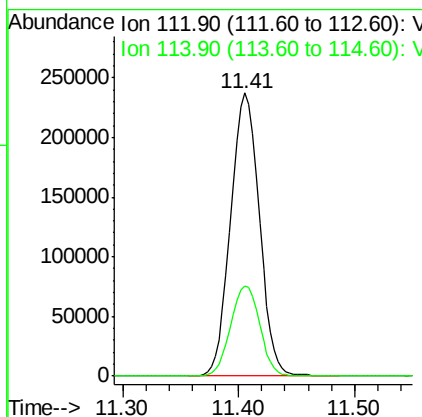
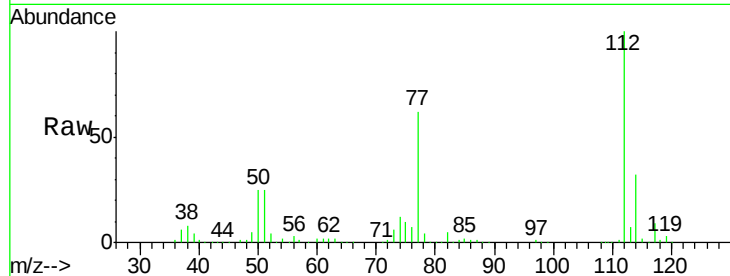
#65
Chlorobenzene
Concen: 47.376 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 406227
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6

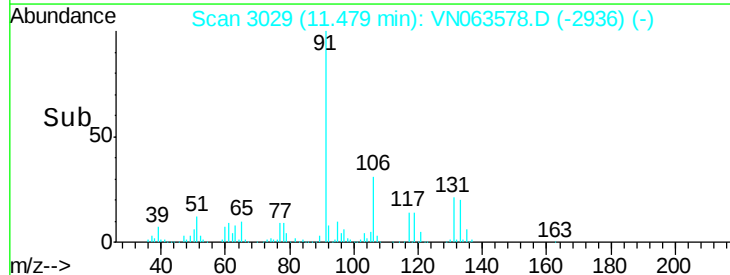
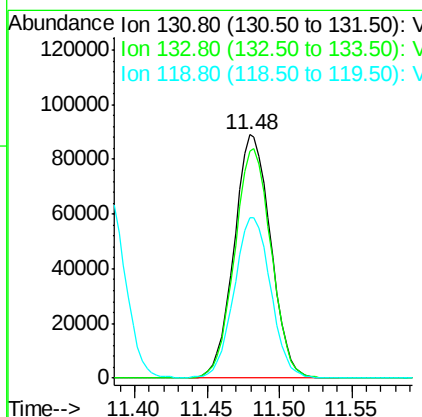
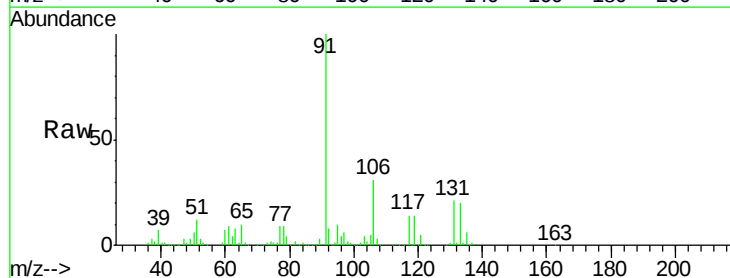
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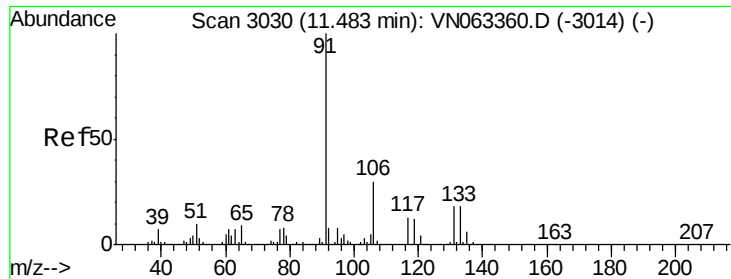
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.677 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion:131 Resp: 156142
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 66.0 33.6 100.8





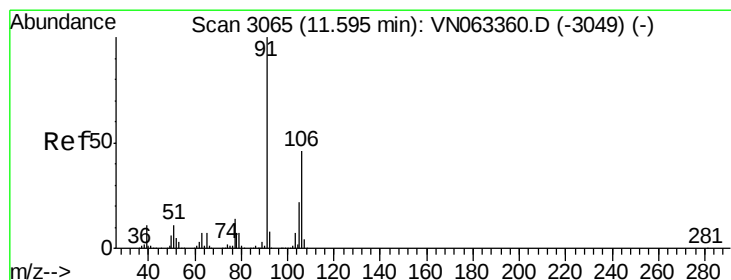
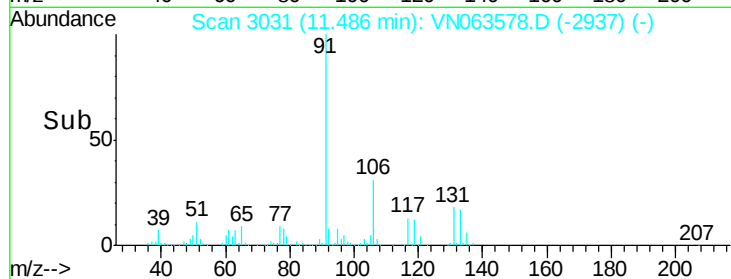
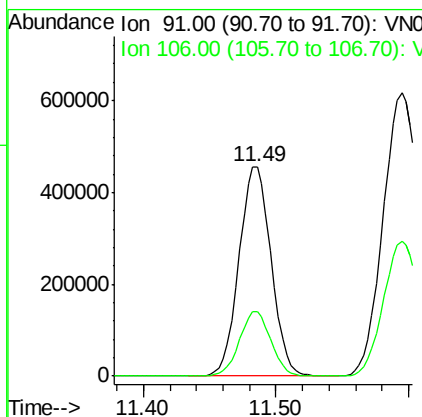
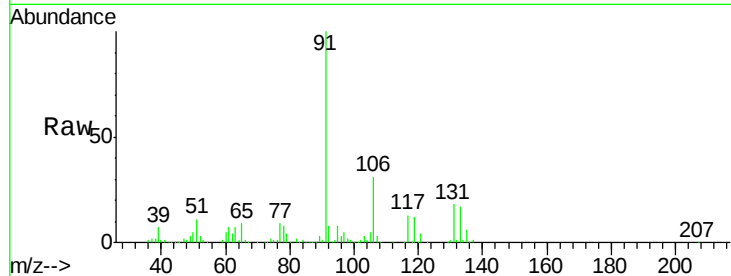
#67
Ethyl Benzene
Concen: 47.418 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 765691
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6

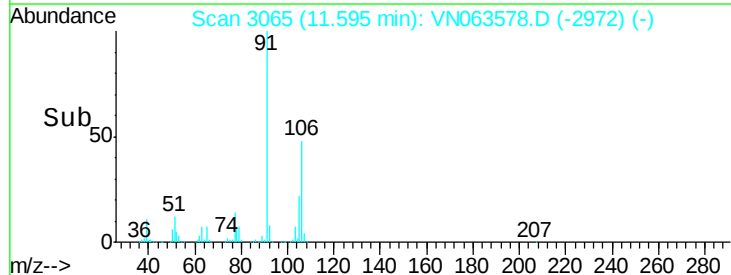
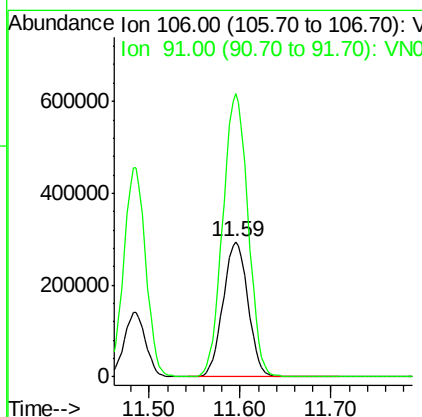
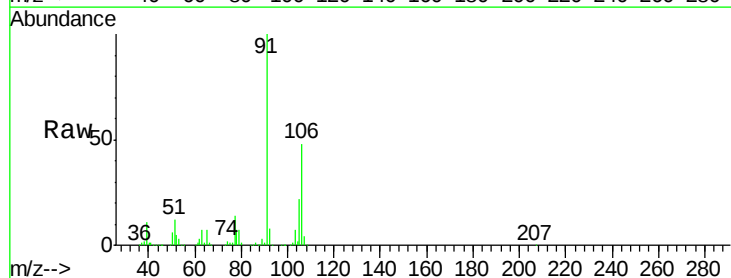
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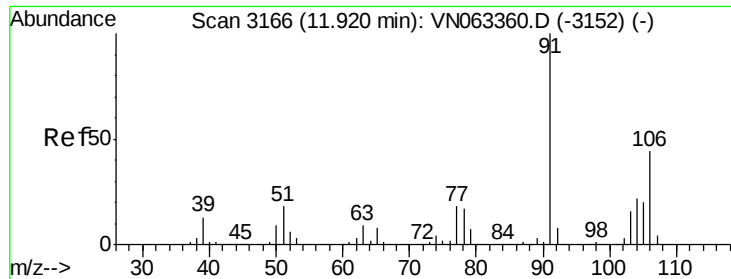
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#68
m/p-Xylenes
Concen: 96.236 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 106 Resp: 560289
Ion Ratio Lower Upper
106 100
91 212.4 171.2 256.8





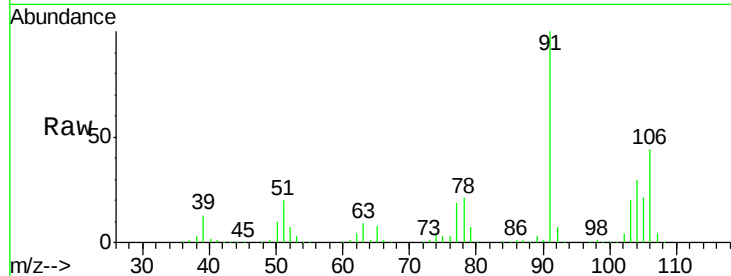
#69
o-Xylene
Concen: 48.613 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

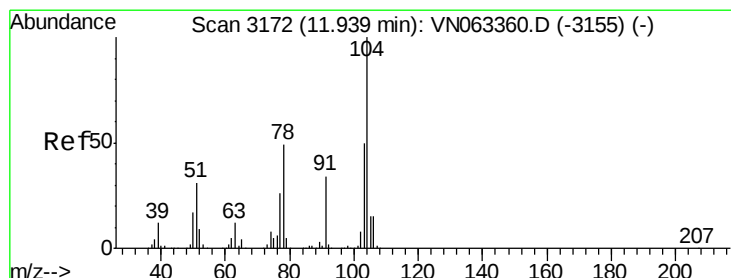
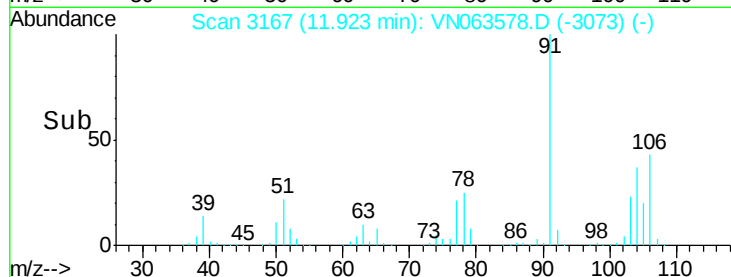
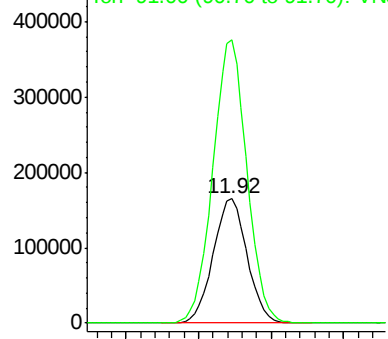
Tot Ion:106 Resp: 269612
Ion Ratio Lower Upper
106 100
91 227.2 113.6 340.8

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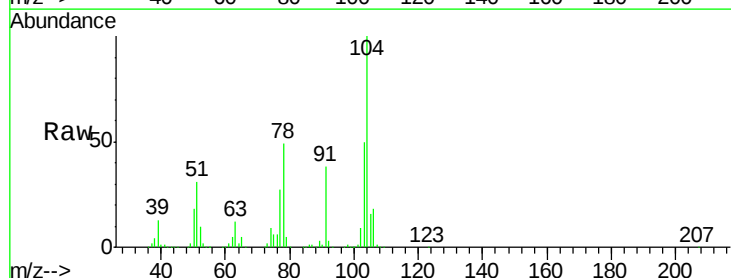


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

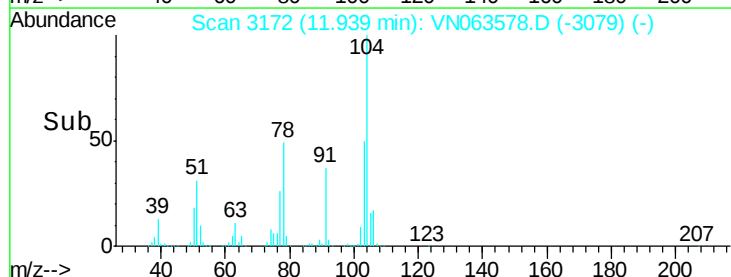
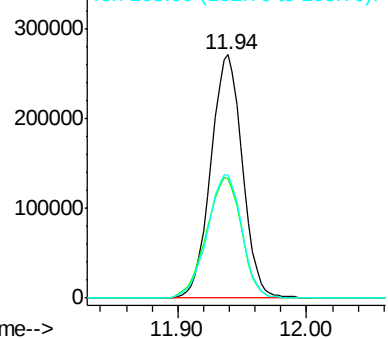


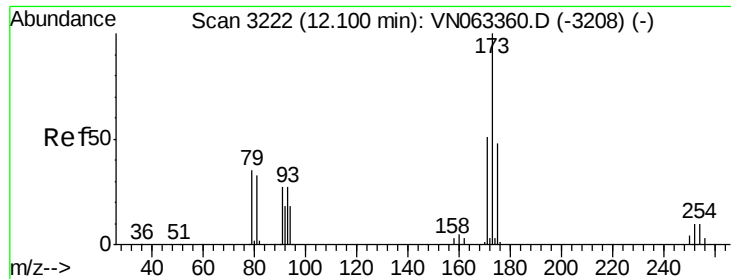
#70
Styrene
Concen: 49.818 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion:104 Resp: 463338
Ion Ratio Lower Upper
104 100
78 55.3 44.4 66.6
103 55.4 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





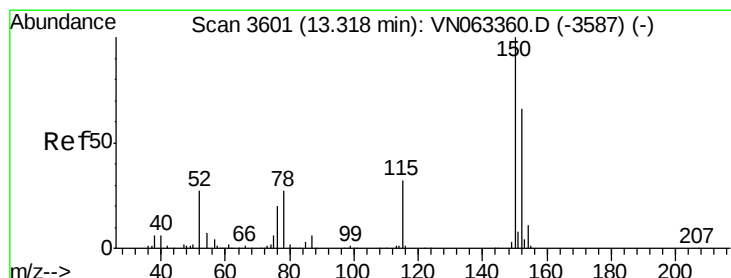
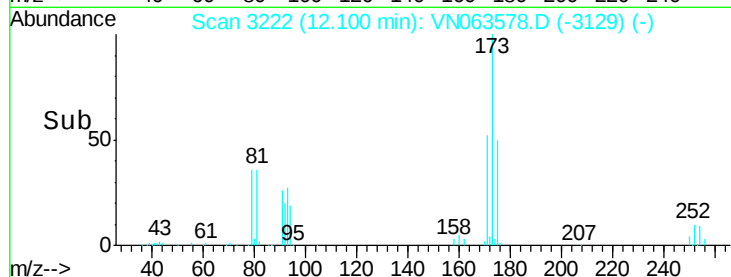
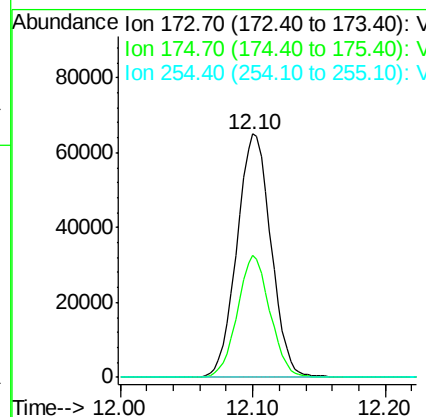
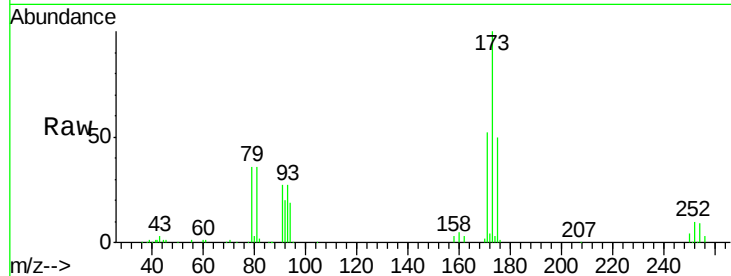
#71
Bromoform
Concen: 49.616 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.0	72.0
254	0.0	0.0	0.0

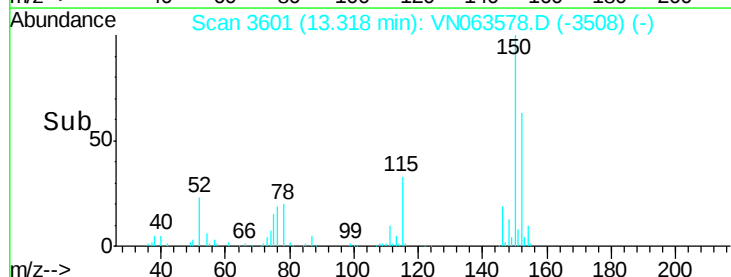
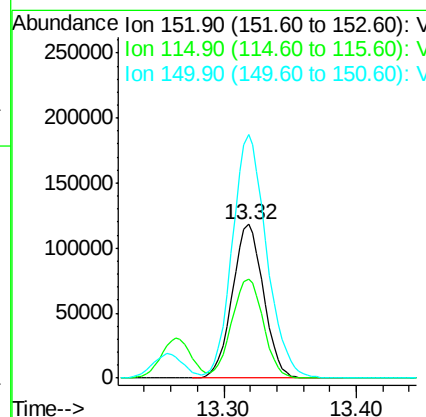
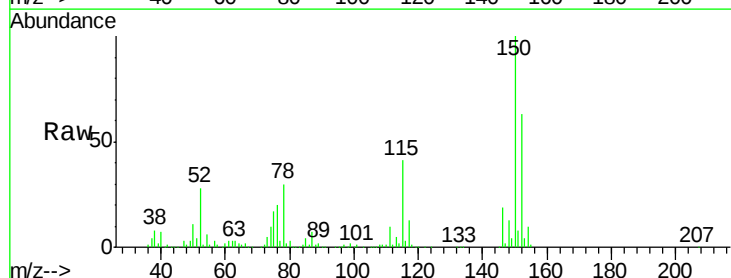
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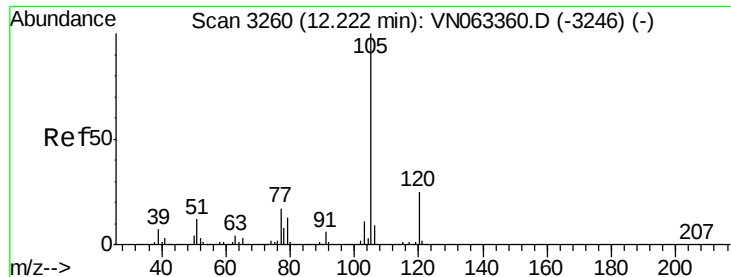
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.3	32.2	96.6
150	173.4	0.0	343.4





#73

Isopropylbenzene

Concen: 47.285 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 733114

Ion Ratio Lower Upper

105 100

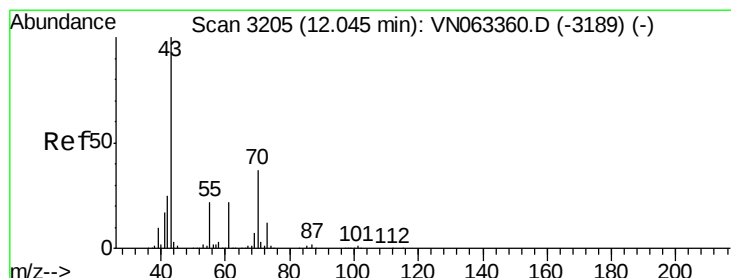
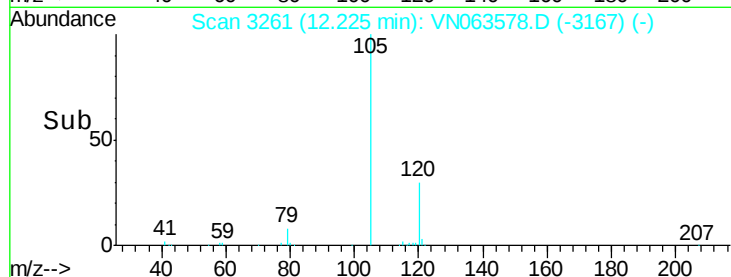
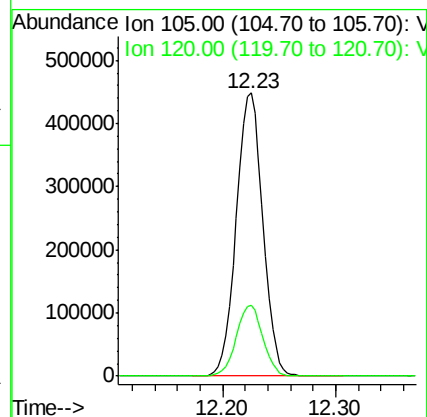
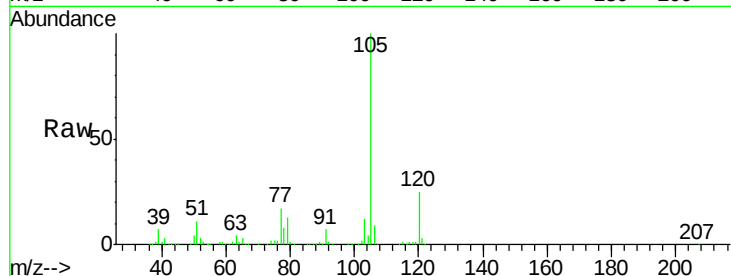
120 25.0 12.7 38.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.218 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Tgt Ion: 43 Resp: 339204

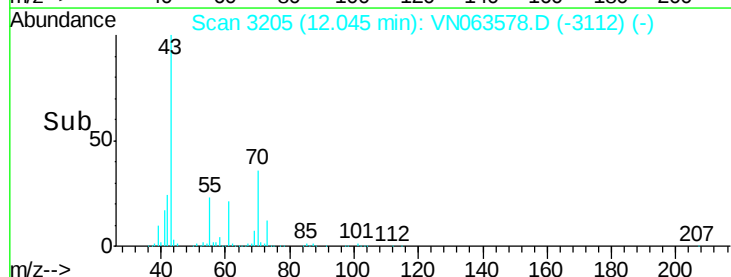
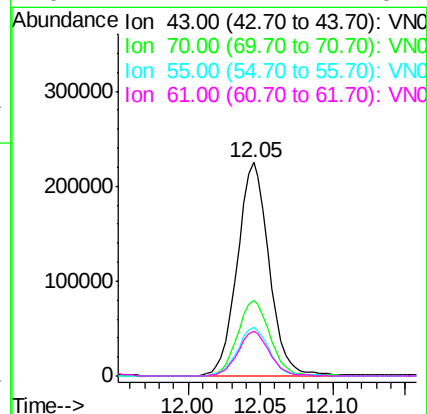
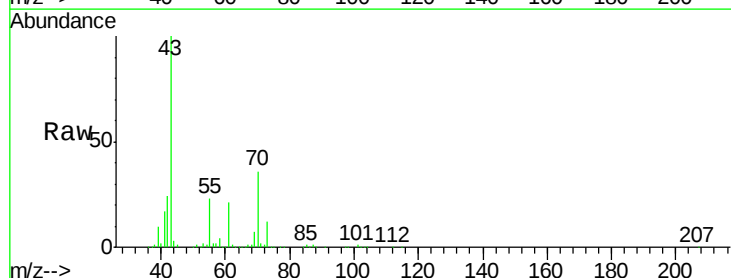
Ion Ratio Lower Upper

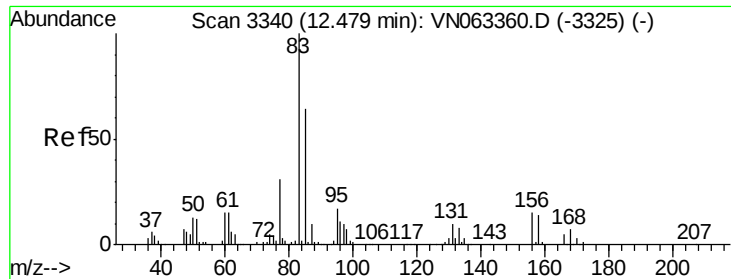
43 100

70 36.8 29.6 44.4

55 23.1 17.7 26.5

61 21.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.708 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 224227

Ion Ratio Lower Upper

83 100

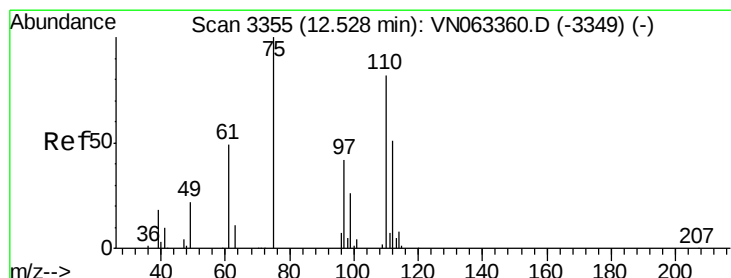
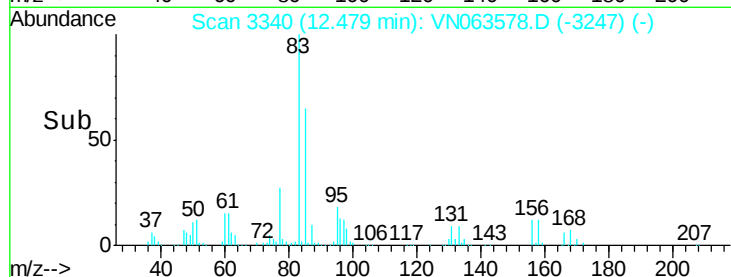
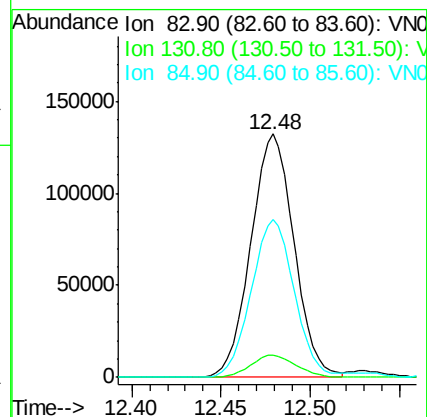
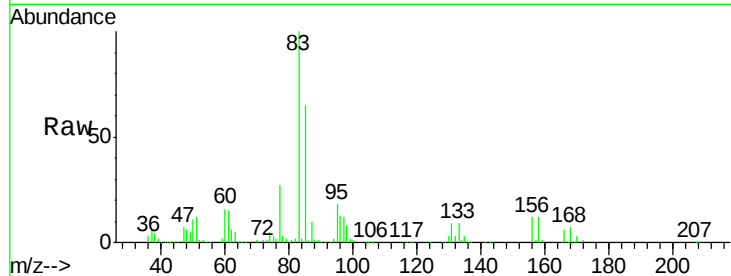
131 9.6 4.9 14.7

85 64.5 32.0 96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.642 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063578.D

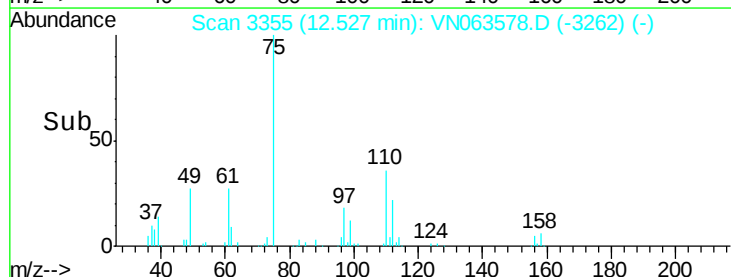
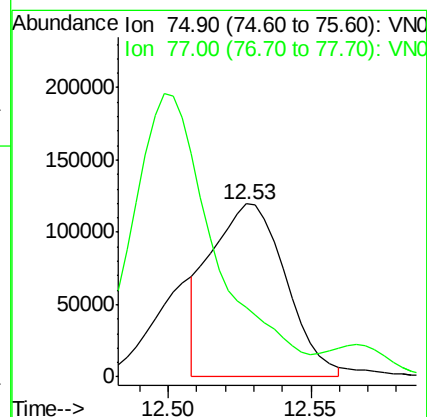
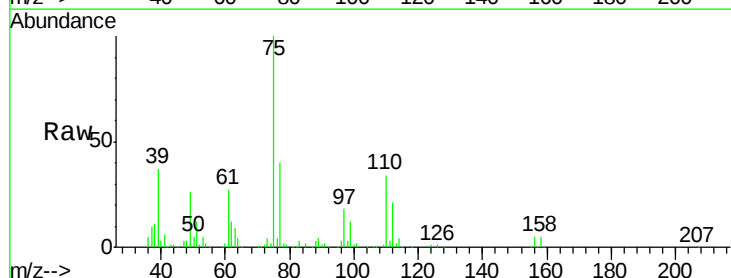
Acq: 23 Sep 2020 10:28

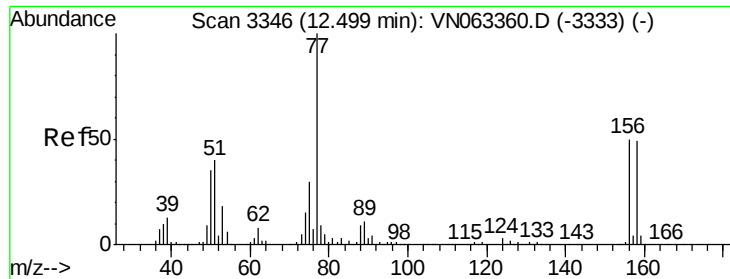
Tgt Ion: 75 Resp: 218569

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





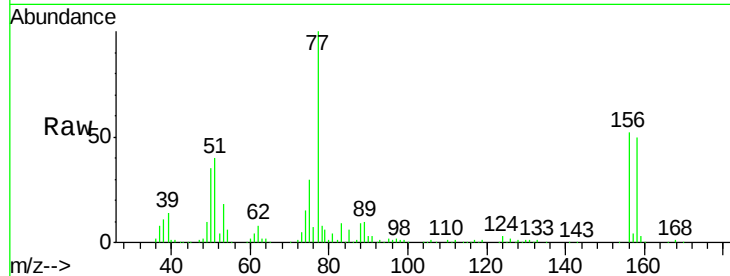
#77
Bromobenzene
Concen: 48.881 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

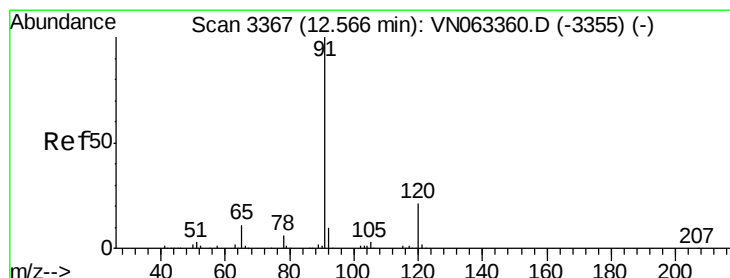
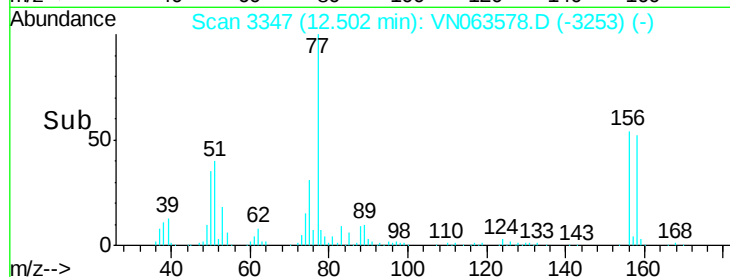
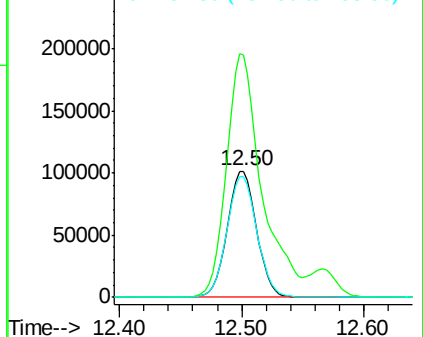
Tot Ion	Ratio	Lower	Upper
156	100		
77	232.1	120.2	360.6
158	98.1	48.9	146.6

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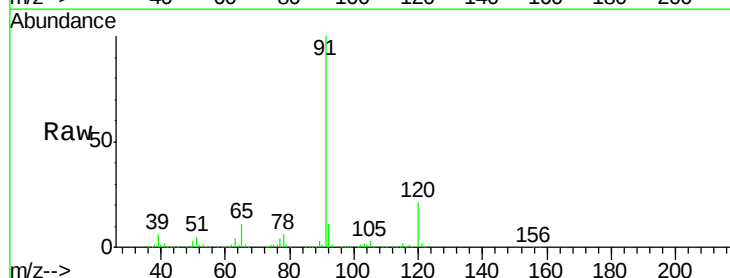


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

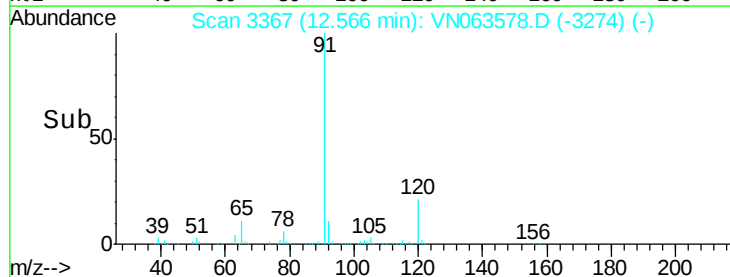
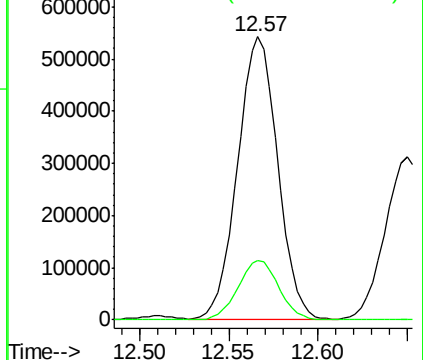


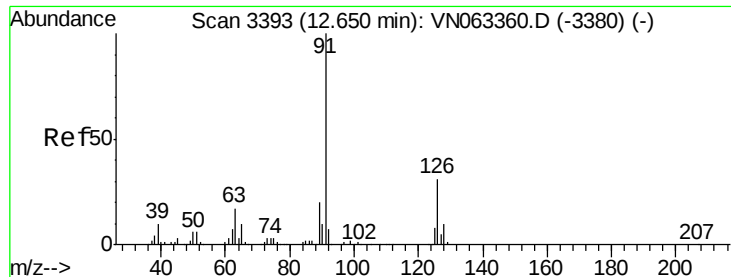
#78
n-propylbenzene
Concen: 46.621 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.3



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





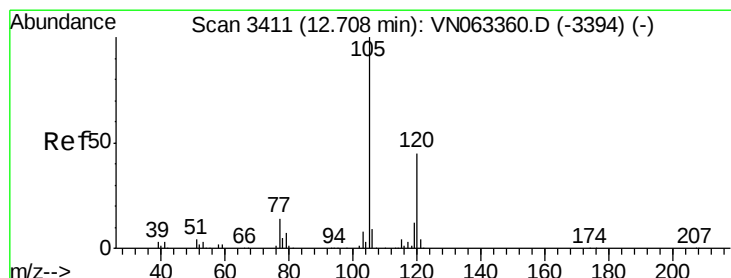
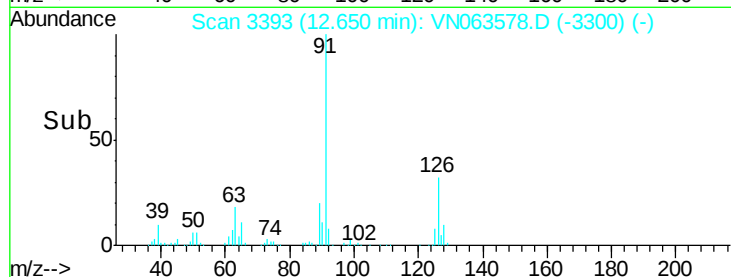
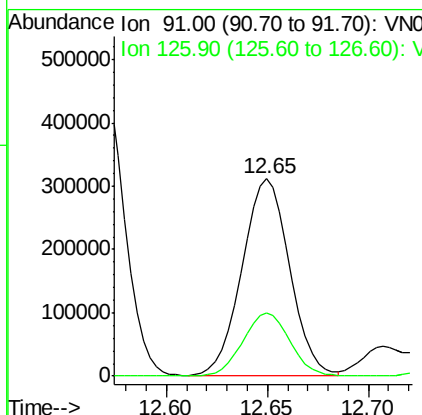
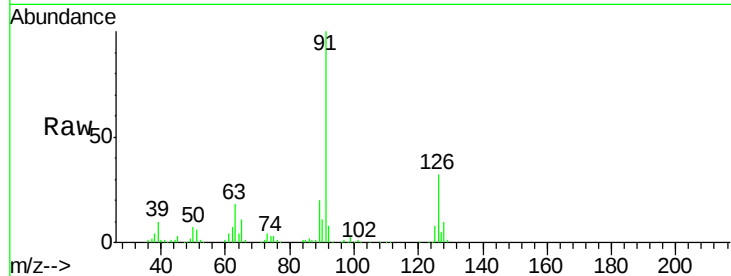
#79
 2-Chlorotoluene
 Concen: 47.357 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.8	47.3

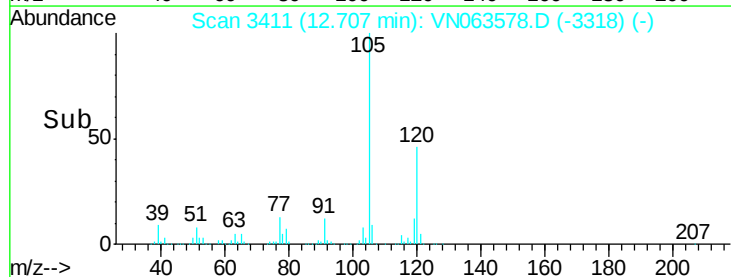
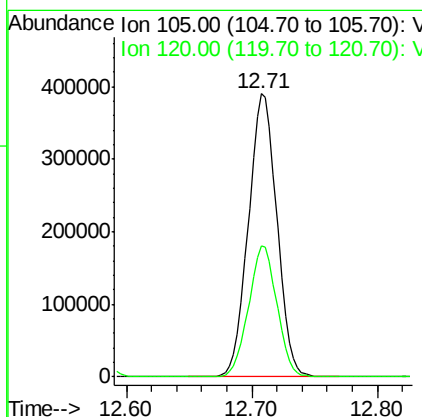
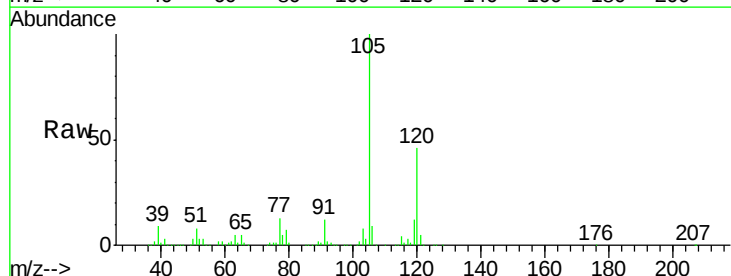
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.736 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 37.228 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

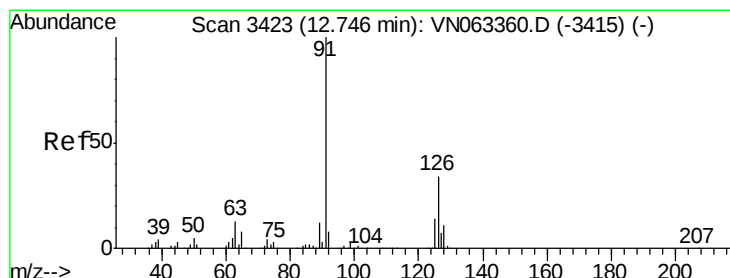
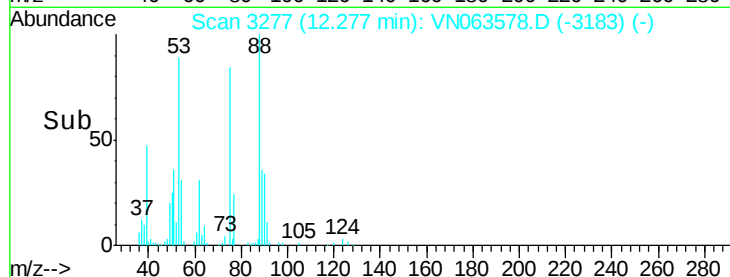
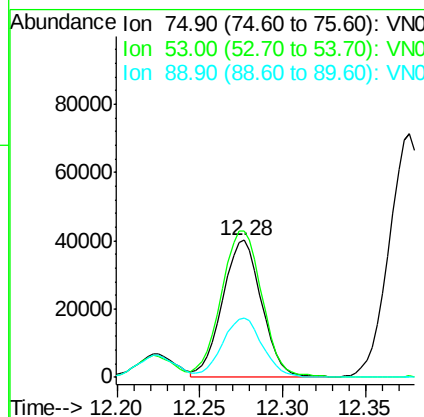
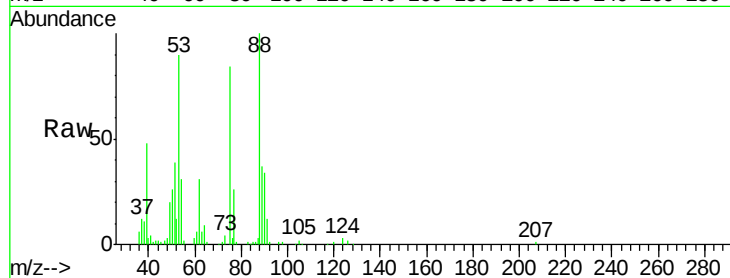
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	65027
Ion	Ratio	Lower	Upper
75	100		
53	112.0	85.7	128.5
89	45.1	38.0	57.0

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#82

4-Chlorotoluene

Concen: 46.801 ug/l

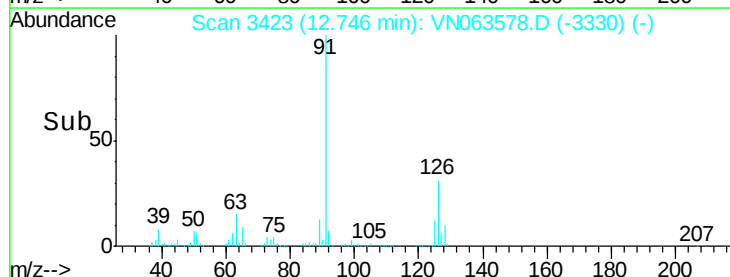
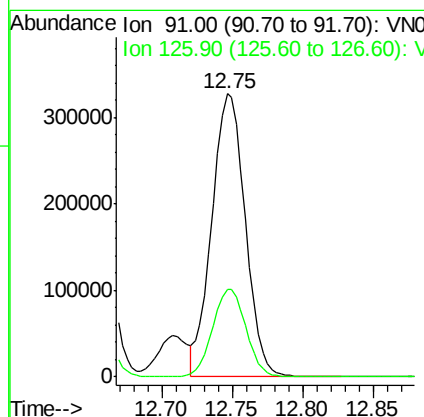
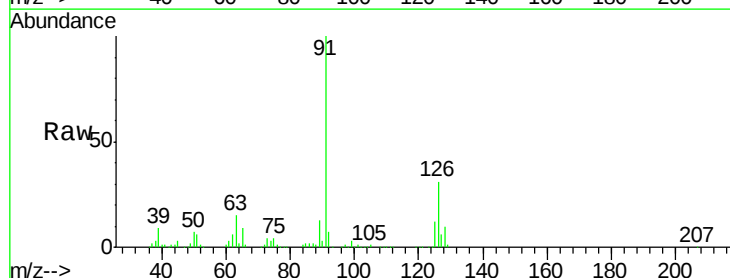
RT: 12.75 min Scan# 3423

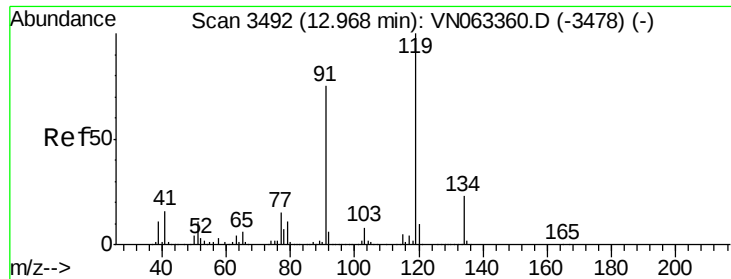
Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Tgt Ion:	91	Resp:	535278
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.5	46.5





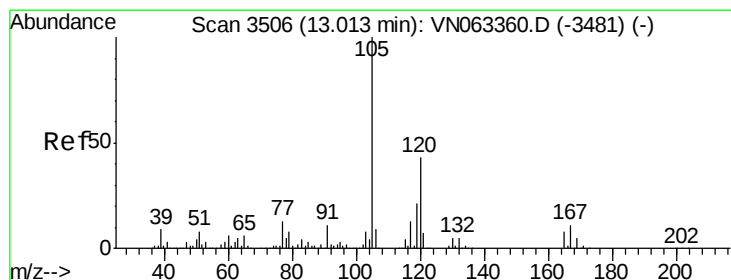
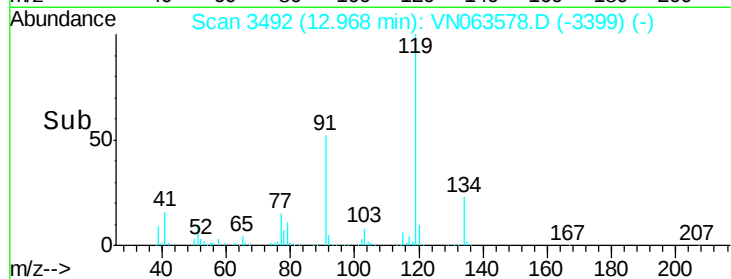
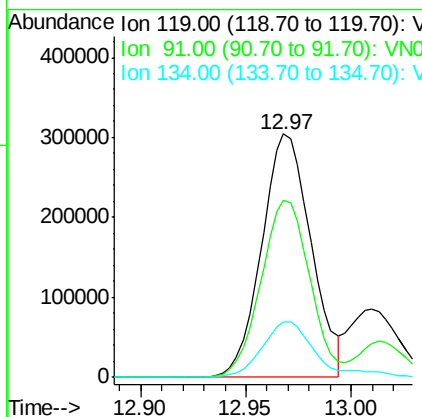
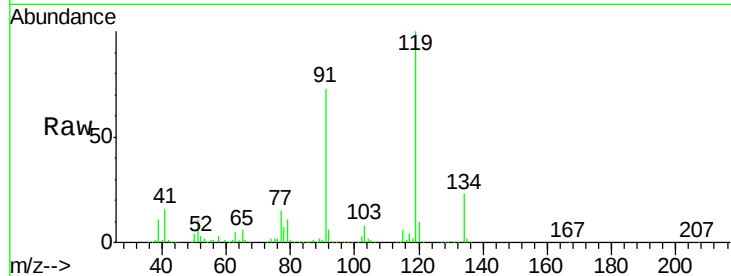
#83
 tert-Butylbenzene
 Concen: 46.589 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.0	36.3	108.9
134	24.9	12.3	36.8

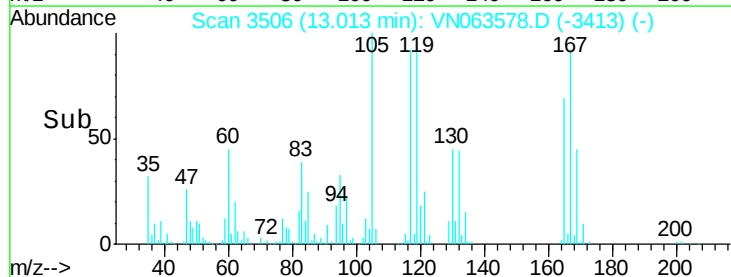
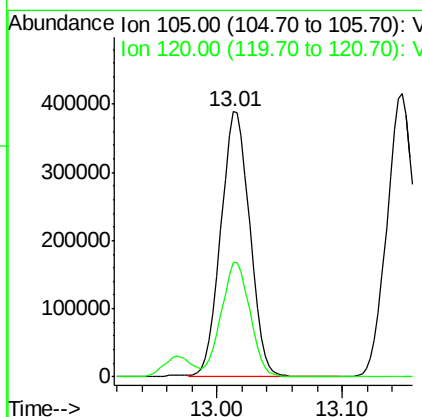
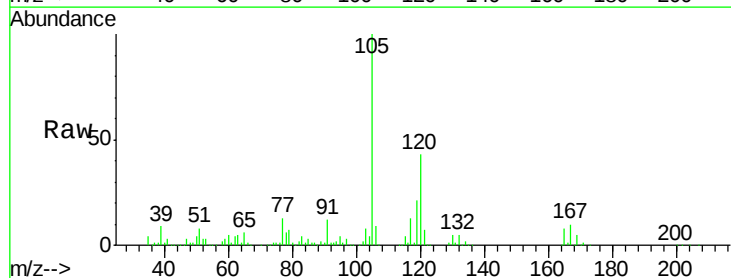
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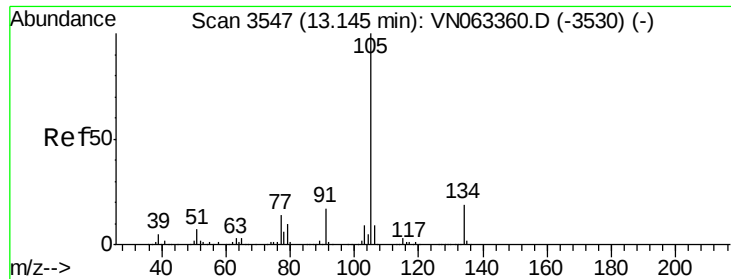
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.665 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.3	63.9





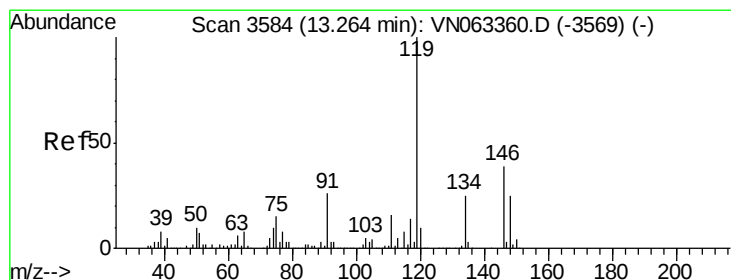
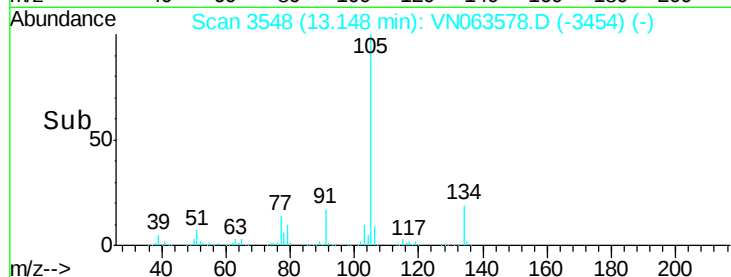
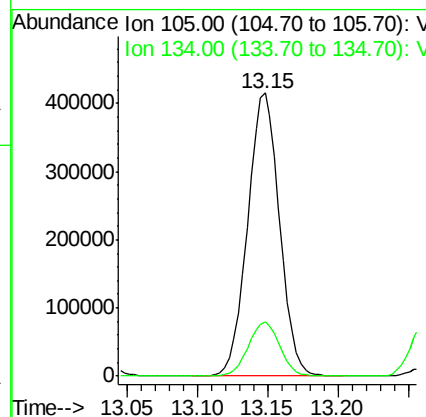
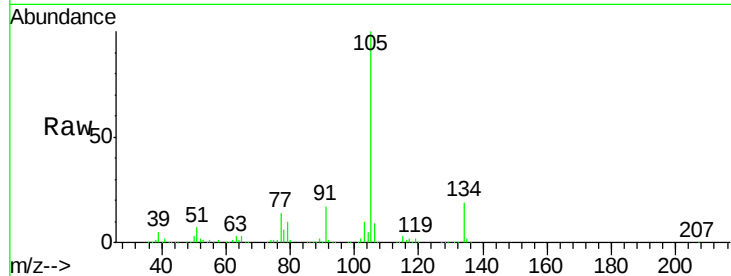
#85
 sec-Butylbenzene
 Concen: 45.916 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.3	27.7

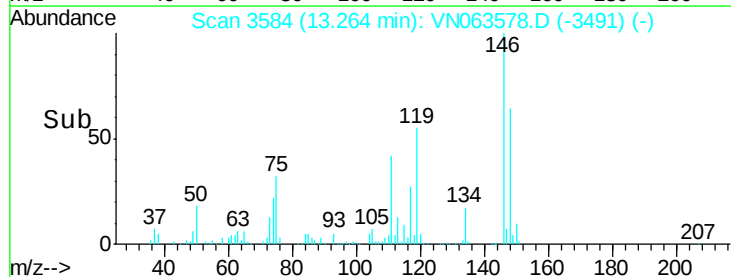
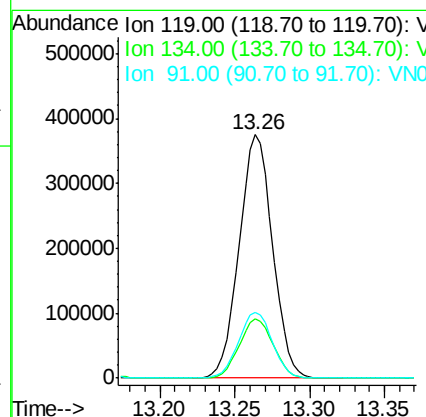
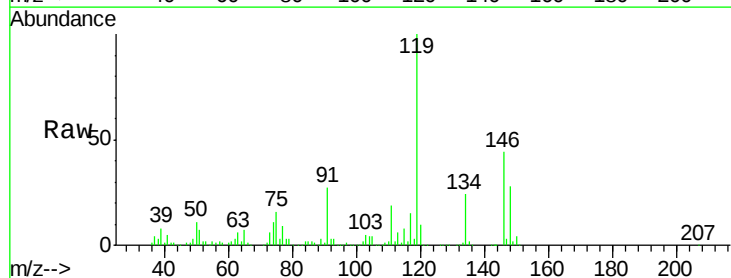
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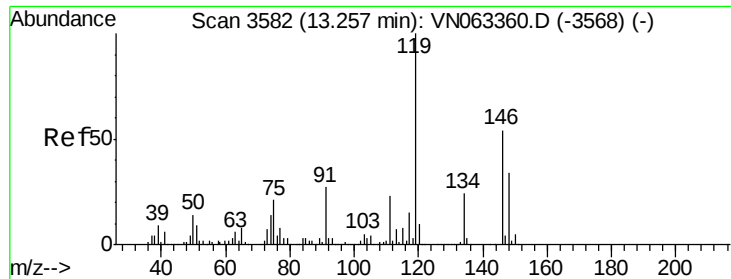
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#86
 p-Isopropyltoluene
 Concen: 46.082 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.5	37.5
91	27.5	13.4	40.1





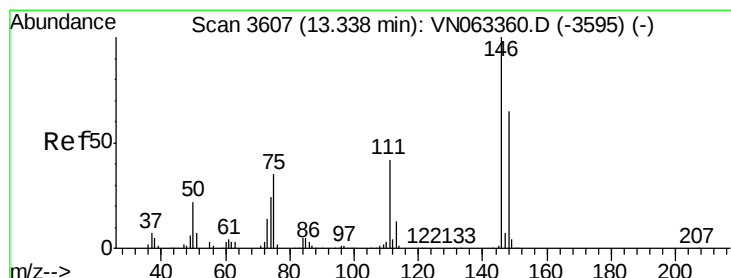
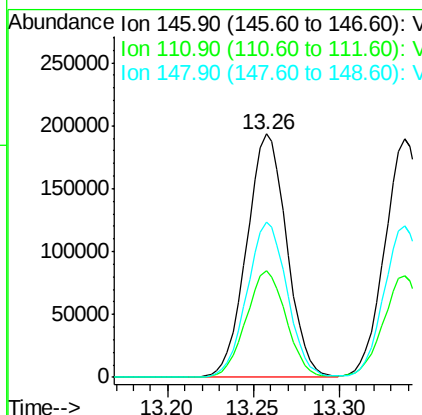
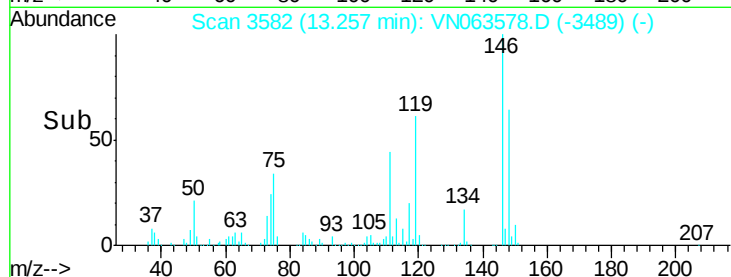
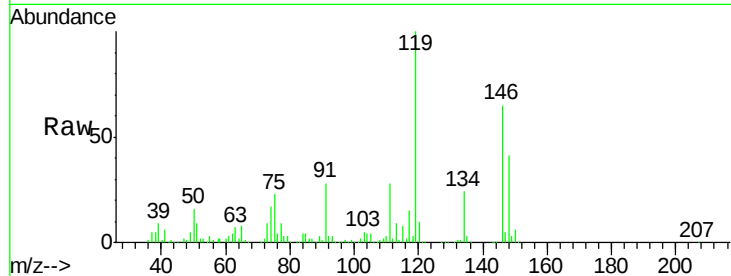
#87
 1,3-Dichlorobenzene
 Concen: 48.372 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.4	64.3
148	63.8	31.9	95.7

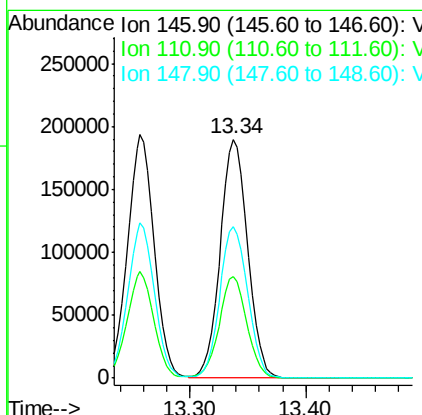
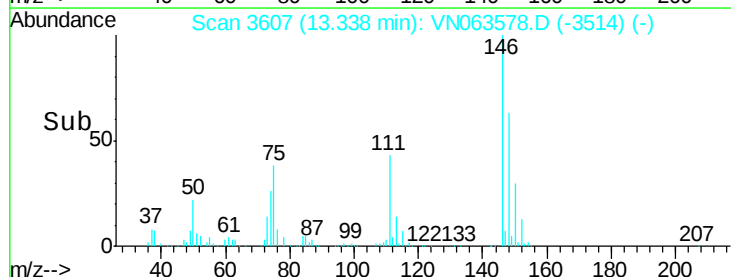
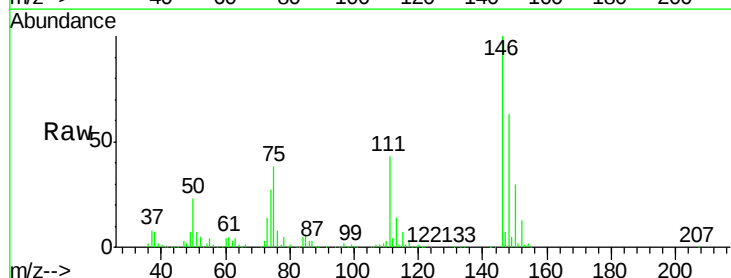
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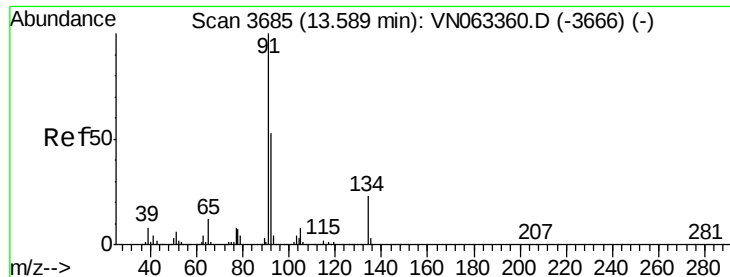
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#88
 1,4-Dichlorobenzene
 Concen: 47.316 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	64.1	31.9	95.9





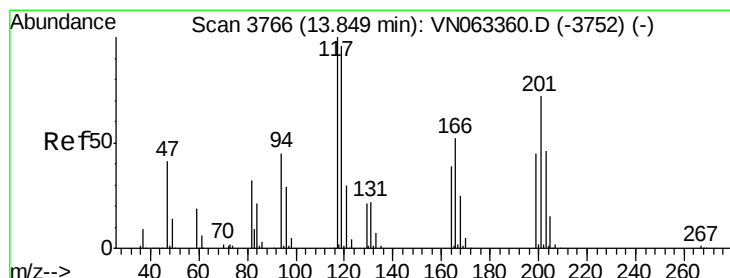
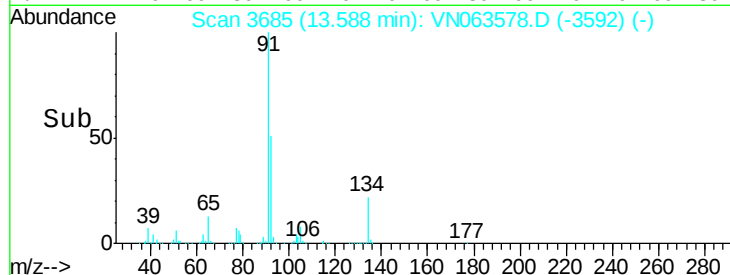
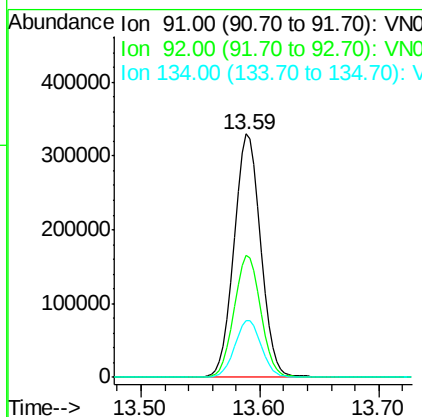
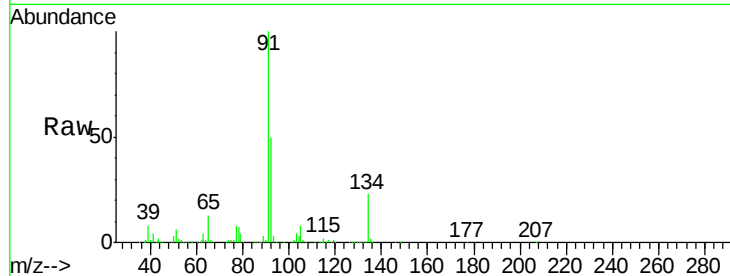
#89
n-Butylbenzene
Concen: 44.194 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.0	26.0	78.0
134	23.2	11.7	35.0

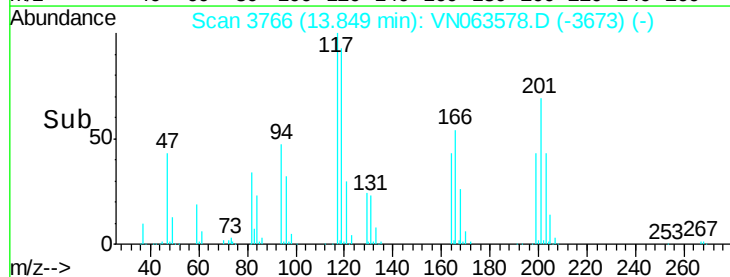
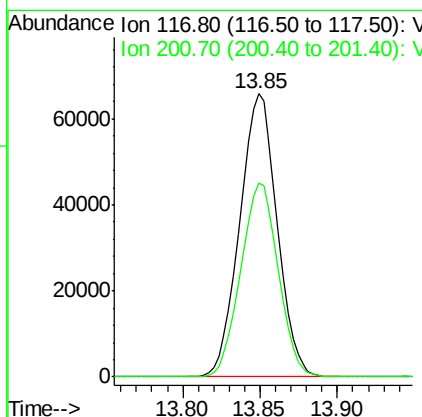
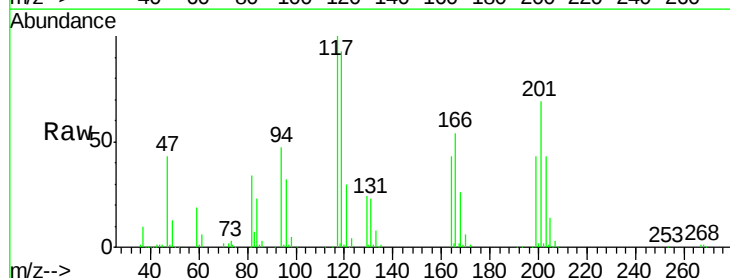
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#90
Hexachloroethane
Concen: 46.155 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.4	35.5	106.7





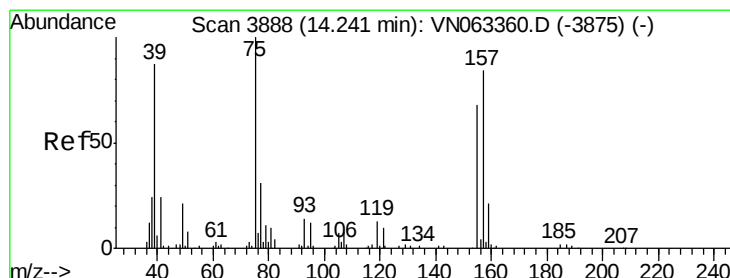
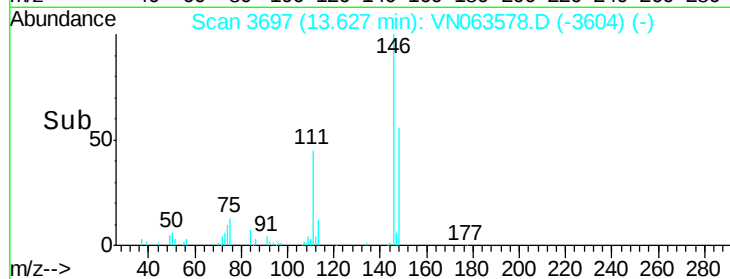
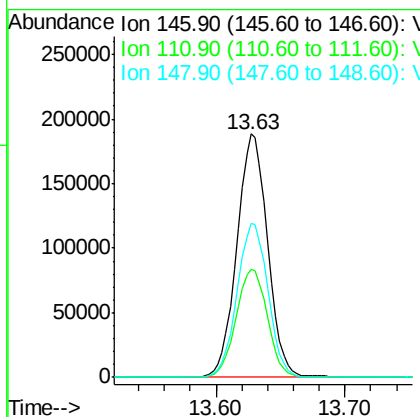
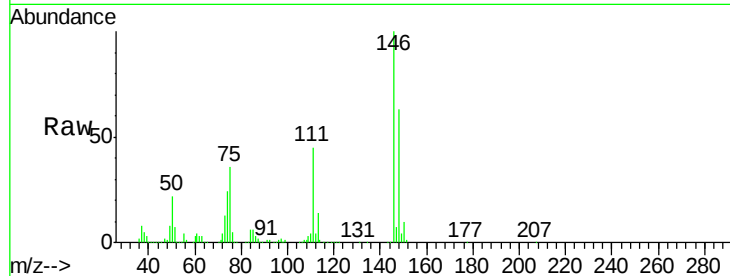
#91
 1,2-Dichlorobenzene
 Concen: 49.182 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.4	67.2
148	63.9	32.0	96.0

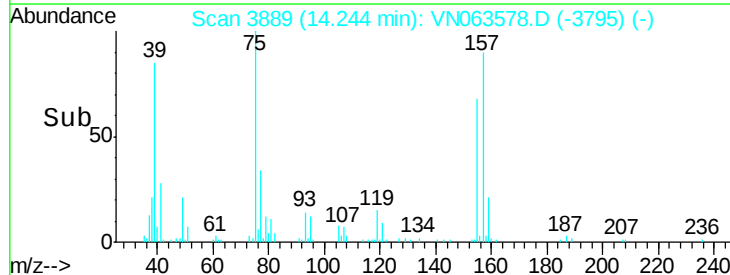
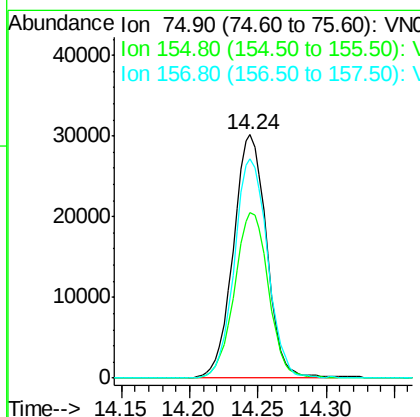
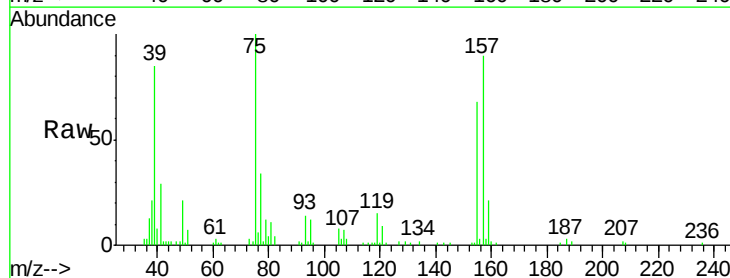
Manual Integrations
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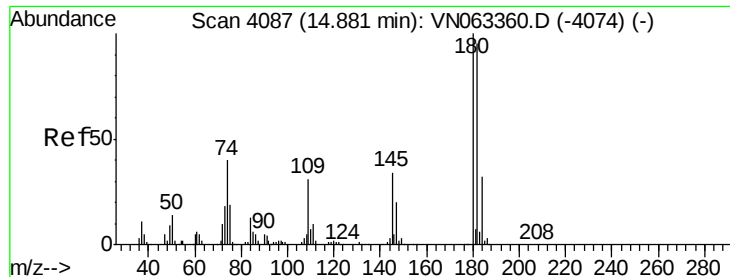
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.639 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	34.6	103.9
157	89.7	43.7	131.1





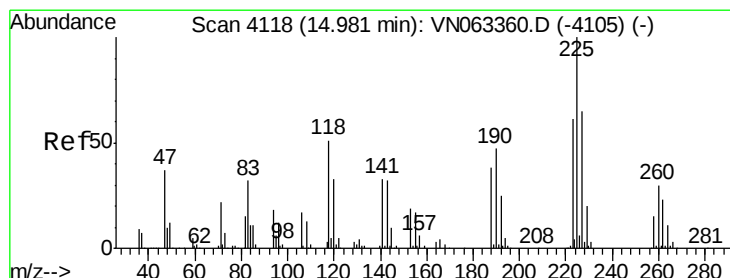
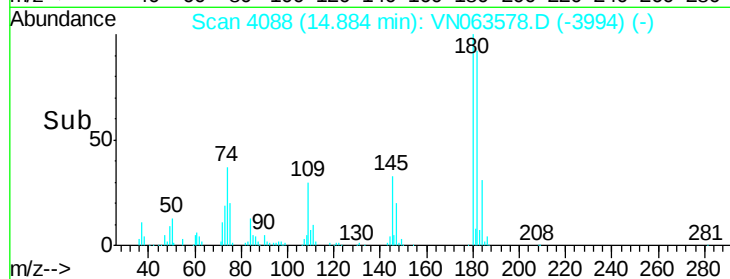
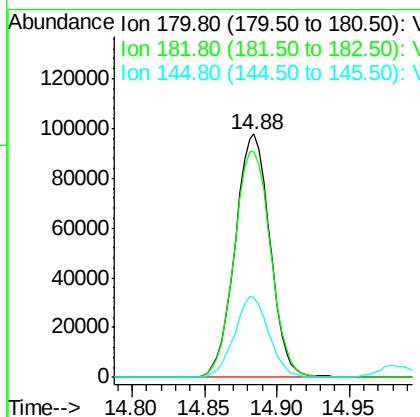
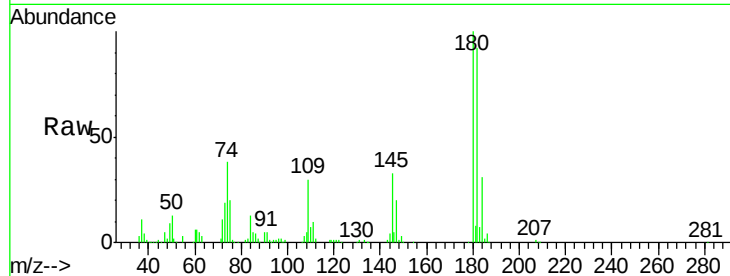
#93
 1,2,4-Trichlorobenzene
 Concen: 43.807 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	163899		
182	96.7	47.3	142.0	
145	32.7	16.6	49.7	

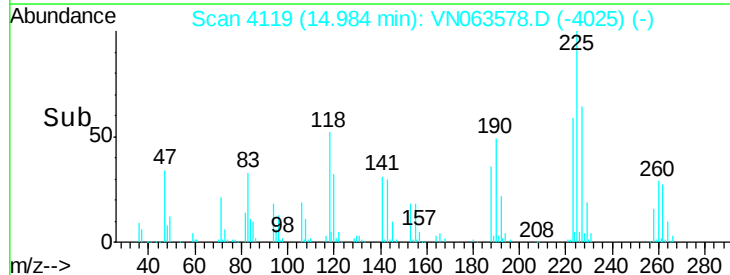
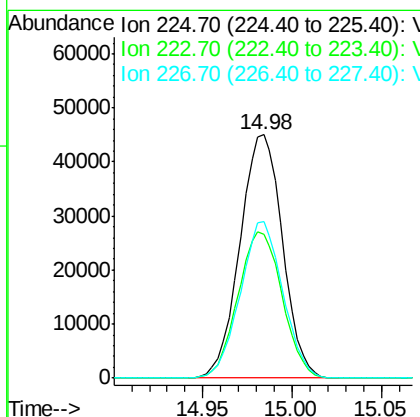
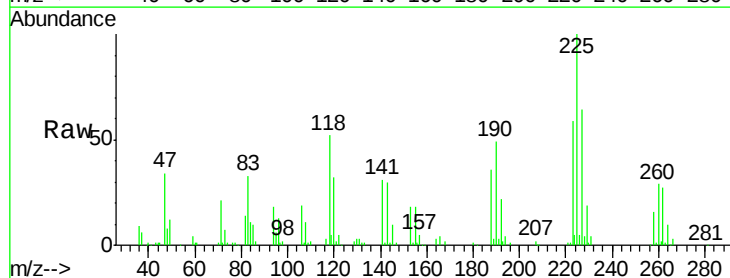
Manual Integrations
 APPROVED

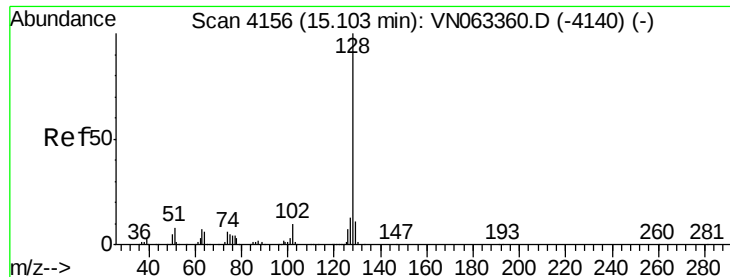
MMDadoda
 9/23/2020 1:06:58 PM



#94
 Hexachlorobutadiene
 Concen: 48.369 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74918		
223	62.4	30.6	91.6	
227	64.4	31.2	93.6	





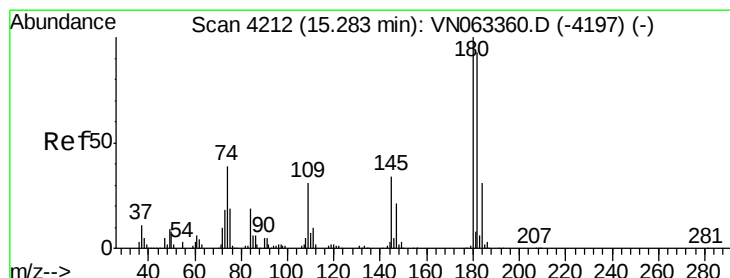
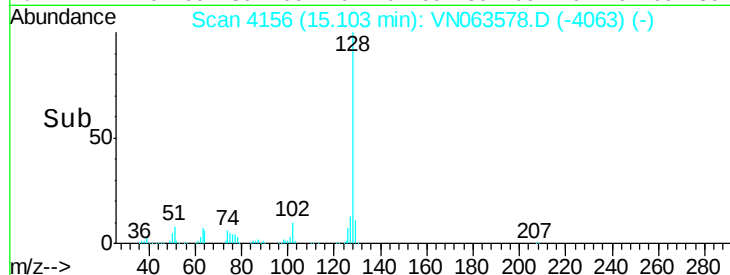
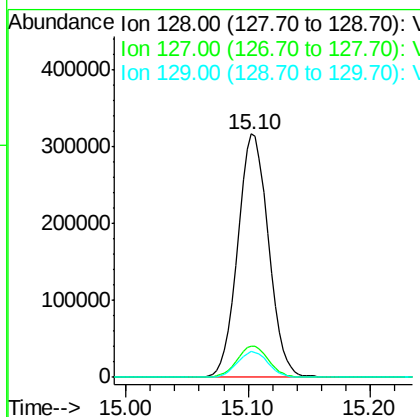
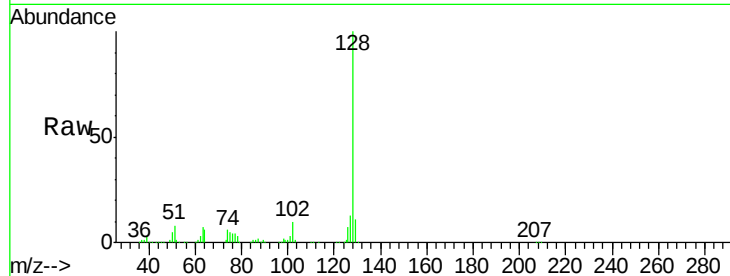
#95
Naphthalene
Concen: 44.461 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	128	Resp:	549574
Ion Ratio		Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/23/2020 1:06:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 44.826 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion:	180	Resp:	162044
Ion Ratio		Lower	Upper
180	100		
182	94.6	46.7	140.1
145	34.2	16.8	50.3

