

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063434.D
 Acq On : 17 Sep 2020 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 10:02:50 AM

Quant Time: Sep 18 05:01:57 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	265219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	207102	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
35) Dibromofluoromethane	7.55	113	146482	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
50) Toluene-d8	10.06	98	566246	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.38	95	216800	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	141947	47.242	ug/l	100
3) Chloromethane	2.04	50	179559	45.173	ug/l	99
4) Vinyl Chloride	2.16	62	173476	49.260	ug/l	98
5) Bromomethane	2.53	94	108451	51.866	ug/l	100
6) Chloroethane	2.67	64	100991	46.717	ug/l	98
7) Trichlorofluoromethane	2.99	101	261500	49.769	ug/l	97
8) Diethyl Ether	3.37	74	99803	48.725	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143691	48.628	ug/l	98
10) Methyl Iodide	3.91	142	185157	48.129	ug/l	100
11) Tert butyl alcohol	4.73	59	135448	216.561	ug/l	98
12) 1,1-Dichloroethene	3.70	96	140731	47.021	ug/l	98
13) Acrolein	3.57	56	66599	287.334	ug/l	99
14) Allyl chloride	4.28	41	272522	46.033	ug/l	98
15) Acrylonitrile	4.93	53	388173	243.990	ug/l	100
16) Acetone	3.77	43	343902	237.017	ug/l	100
17) Carbon Disulfide	4.01	76	395051	45.378	ug/l	98
18) Methyl Acetate	4.28	43	183147	49.722	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	518192	46.454	ug/l	96
20) Methylene Chloride	4.51	84	168445	45.821	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	153544	46.304	ug/l	99
22) Diisopropyl ether	5.90	45	571521	47.335	ug/l	99
23) Vinyl Acetate	5.84	43	2386905	240.712	ug/l	100
24) 1,1-Dichloroethane	5.80	63	310117	47.045	ug/l	99
25) 2-Butanone	6.78	43	529030	237.069	ug/l	98
26) 2,2-Dichloropropane	6.78	77	235720	40.615	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178958	47.681	ug/l	100
28) Bromochloromethane	7.15	49	154725	50.835	ug/l	100
29) Tetrahydrofuran	7.17	42	354199	232.400	ug/l	99
30) Chloroform	7.33	83	319013	48.236	ug/l	99
31) Cyclohexane	7.61	56	270360	43.359	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	281425	47.843	ug/l	99
36) 1,1-Dichloropropene	7.75	75	238282	48.199	ug/l	100
37) Ethyl Acetate	6.88	43	236190	48.678	ug/l	99
38) Carbon Tetrachloride	7.73	117	244855	48.519	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	246638	45.967	ug/l	99
40) Benzene	8.00	78	682706	48.376	ug/l	99
41) Methacrylonitrile	7.13	41	103518	47.436	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	276510	48.722	ug/l	99
43) Isopropyl Acetate	8.13	43	401549	46.283	ug/l #	89
44) Trichloroethene	8.80	130	167652	48.979	ug/l	95
45) 1,2-Dichloropropane	9.08	63	185609	48.290	ug/l	96
46) Dibromomethane	9.17	93	121302	48.017	ug/l	99
47) Bromodichloromethane	9.37	83	259390	49.424	ug/l	99
48) Methyl methacrylate	9.16	41	201678	47.314	ug/l	98
49) 1,4-Dioxane	9.16	88	53808	879.644	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1193750	245.774	ug/l	100
52) Toluene	10.13	92	422450	49.788	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	280097	47.806	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	293069	47.421	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	170228	50.509	ug/l	99
56) Ethyl methacrylate	10.40	69	261246	49.654	ug/l	99
57) 1,3-Dichloropropane	10.68	76	294738	48.495	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	675007	244.568	ug/l	99
59) 2-Hexanone	10.72	43	876674	249.138	ug/l	100
60) Dibromochloromethane	10.87	129	185164	48.632	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174477	49.830	ug/l	99
64) Tetrachloroethene	10.60	164	149589	50.746	ug/l	97
65) Chlorobenzene	11.41	112	440358	47.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	168063	49.892	ug/l	98
67) Ethyl Benzene	11.49	91	833400	48.158	ug/l	100
68) m/p-Xylenes	11.59	106	612142	98.108	ug/l	99
69) o-Xylene	11.92	106	300330	50.529	ug/l	97
70) Styrene	11.94	104	512315	51.398	ug/l	99
71) Bromoform	12.10	173	122726	48.906	ug/l #	98
73) Isopropylbenzene	12.23	105	810315	48.811	ug/l	100
74) N-amyl acetate	12.05	43	367912	46.817	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	243244	47.321	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	228361m	44.535	ug/l	
77) Bromobenzene	12.50	156	184919	49.519	ug/l	97
78) n-propylbenzene	12.57	91	942327	48.735	ug/l	100
79) 2-Chlorotoluene	12.65	91	563878	48.649	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	687498	49.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	82776	44.258	ug/l	98
82) 4-Chlorotoluene	12.75	91	590245	48.197	ug/l	100
83) tert-Butylbenzene	12.97	119	558681	48.898	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	696494	49.811	ug/l	100
85) sec-Butylbenzene	13.15	105	748129	48.918	ug/l	100
86) p-Isopropyltoluene	13.26	119	670164	49.681	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	338755	48.943	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	337280	47.929	ug/l	99
89) n-Butylbenzene	13.59	91	612415	49.255	ug/l	100
90) Hexachloroethane	13.85	117	119892	46.677	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	331985	48.855	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55827	45.609	ug/l	98

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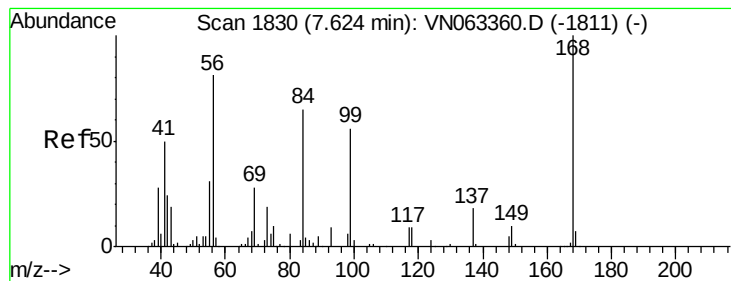
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	188273	46.997	ug/l	99
94) Hexachlorobutadiene	14.98	225	84203	50.771	ug/l	99
95) Naphthalene	15.10	128	615596	46.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	180135	46.537	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 265219

Ion Ratio Lower Upper

168 100

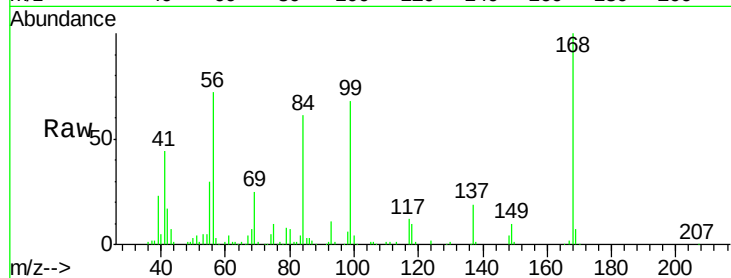
99 67.5 53.0 79.6

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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

120000

100000

80000

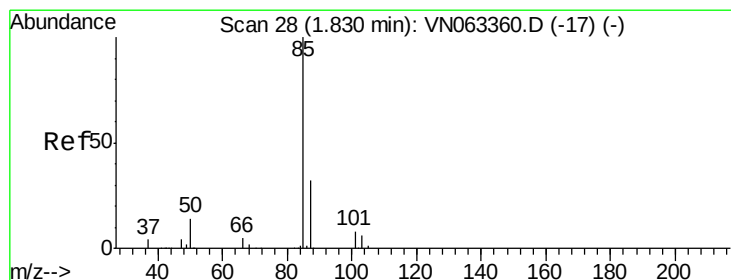
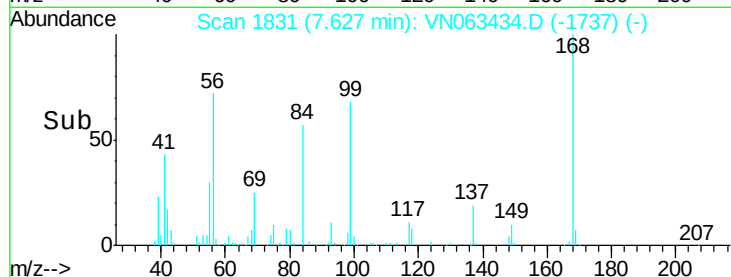
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.242 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063434.D

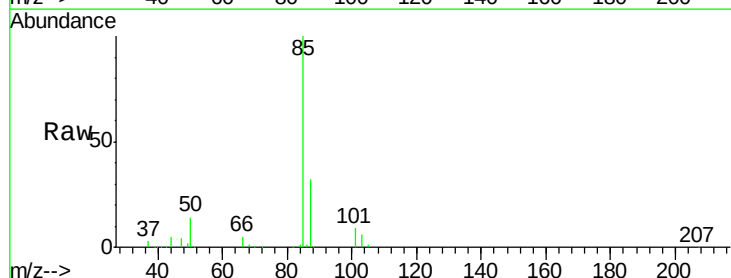
Acq: 17 Sep 2020 21:35

Tgt Ion: 85 Resp: 141947

Ion Ratio Lower Upper

85 100

87 31.7 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

120000

100000

80000

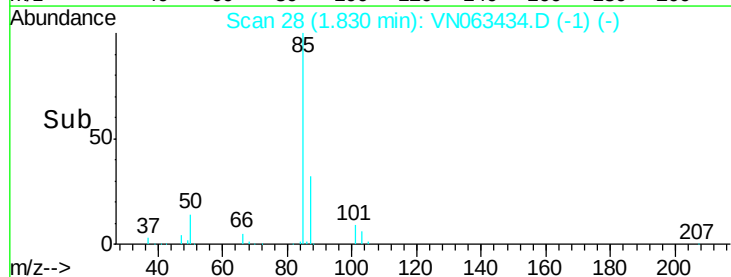
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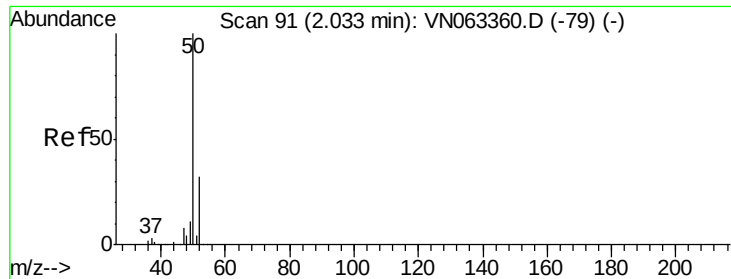
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 45.173 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 179559

Ion Ratio Lower Upper

50 100

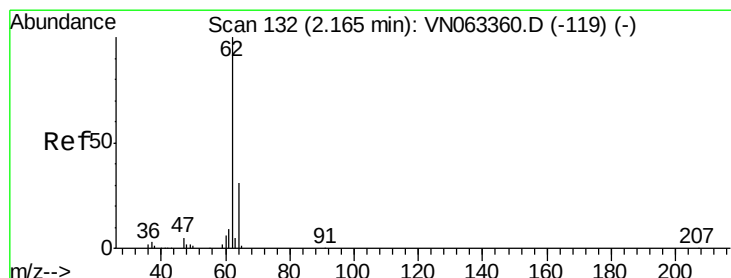
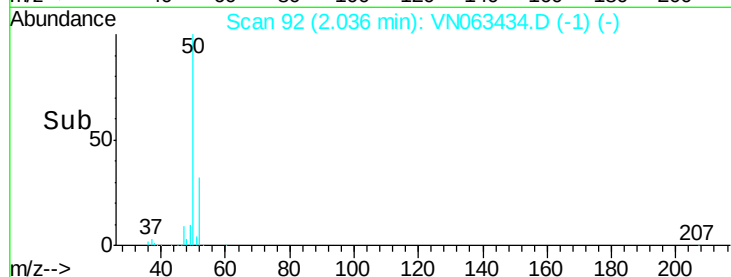
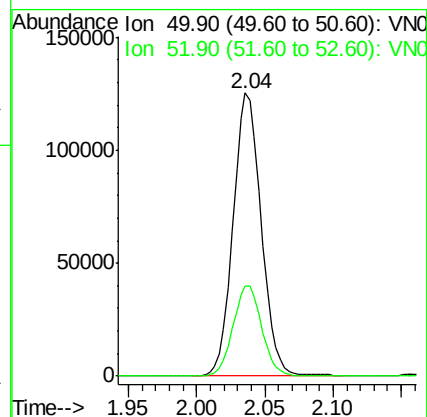
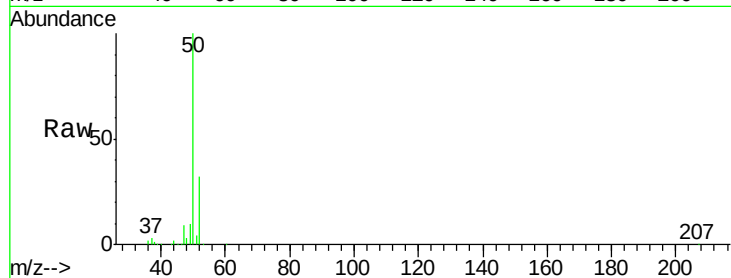
52 32.0 25.9 38.9

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#4

Vinyl Chloride

Concen: 49.260 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063434.D

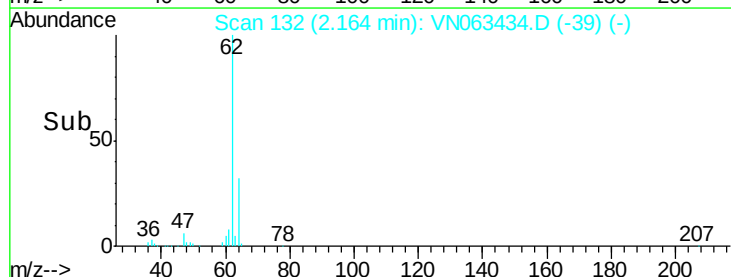
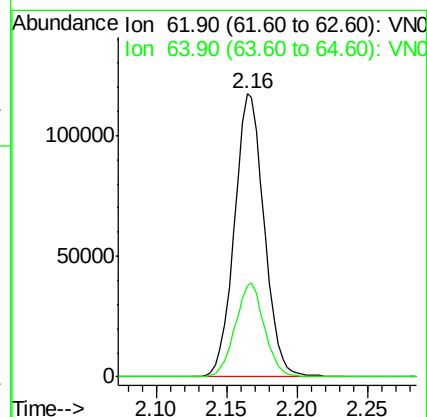
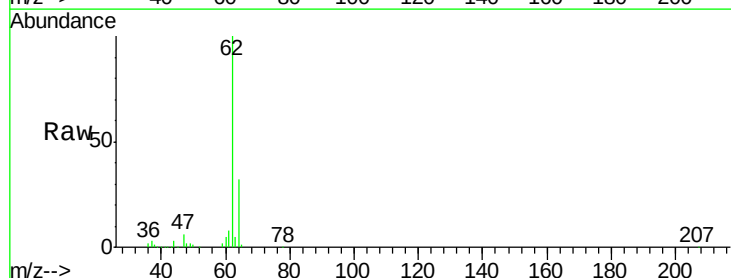
Acq: 17 Sep 2020 21:35

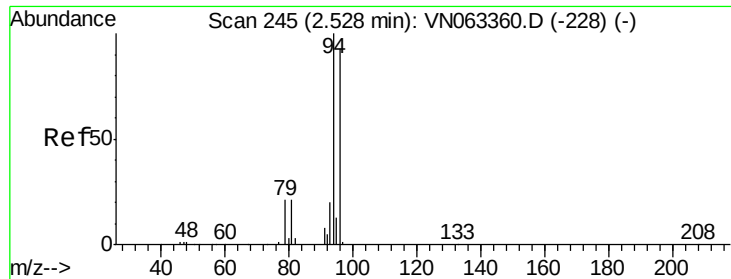
Tgt Ion: 62 Resp: 173476

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 51.866 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 108451

Ion Ratio Lower Upper

94 100

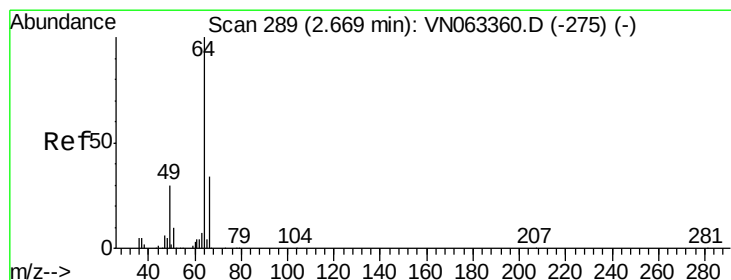
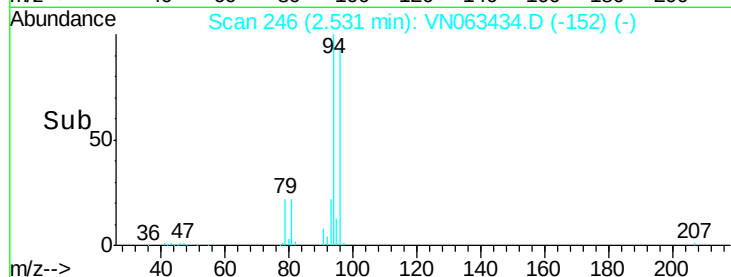
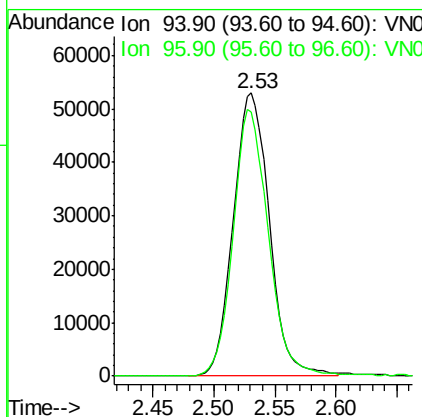
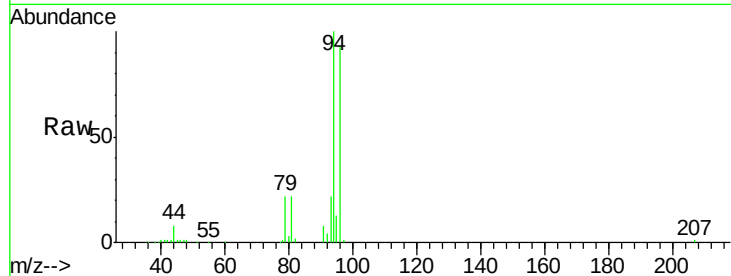
96 93.4 74.5 111.7

Manual Integrations

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9/18/2020 10:02:50 AM



#6

Chloroethane

Concen: 46.717 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063434.D

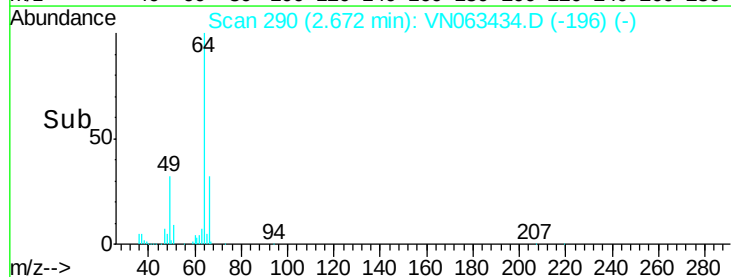
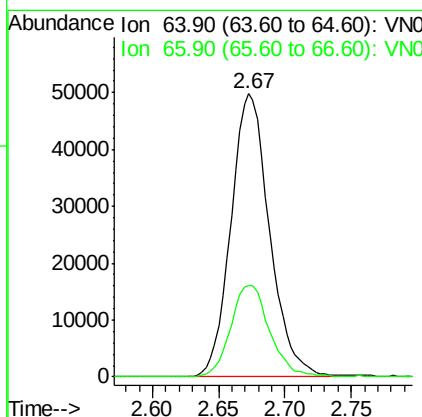
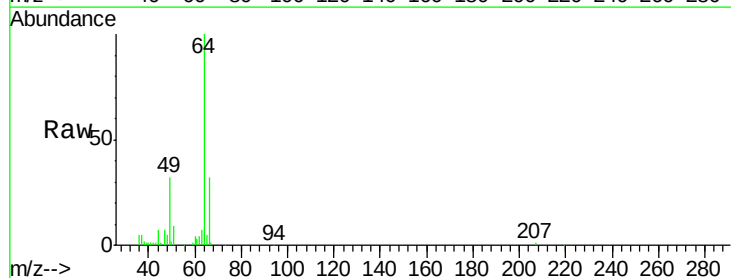
Acq: 17 Sep 2020 21:35

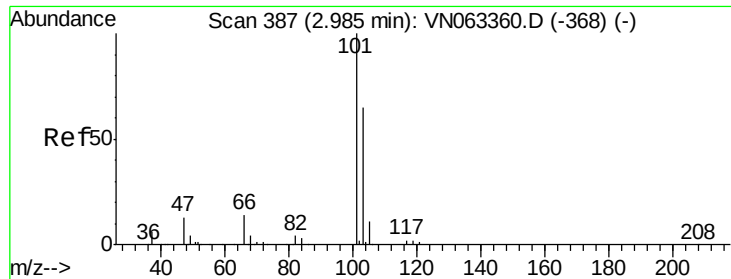
Tgt Ion: 64 Resp: 100991

Ion Ratio Lower Upper

64 100

66 32.4 26.9 40.3





#7

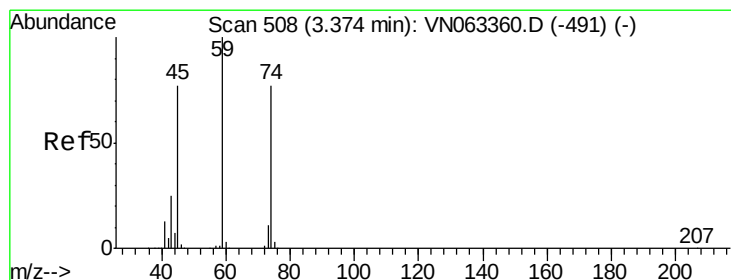
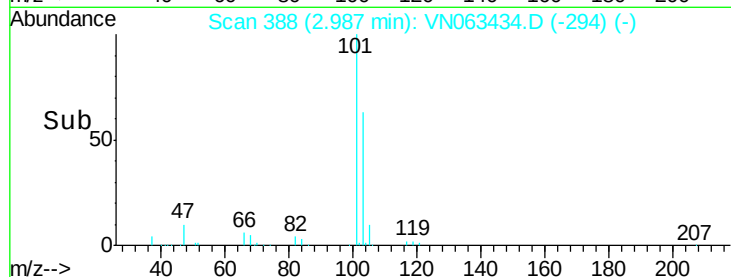
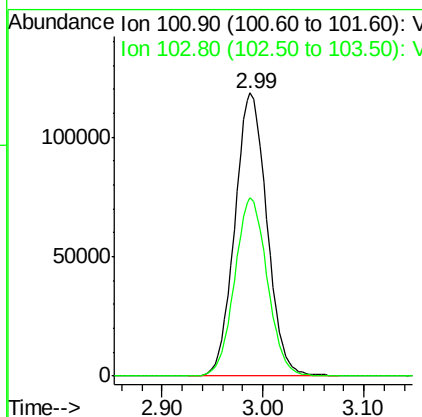
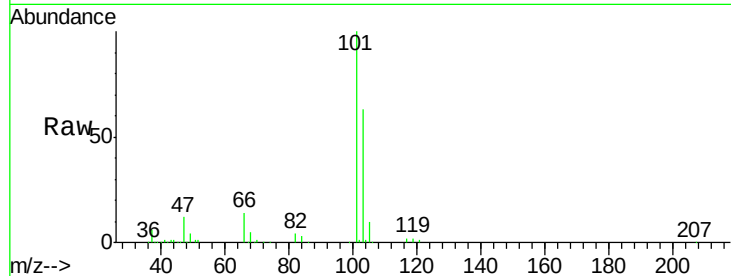
Trichlorofluoromethane
 Concen: 49.769 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
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 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	261500		
103	63.1	52.3	78.5	

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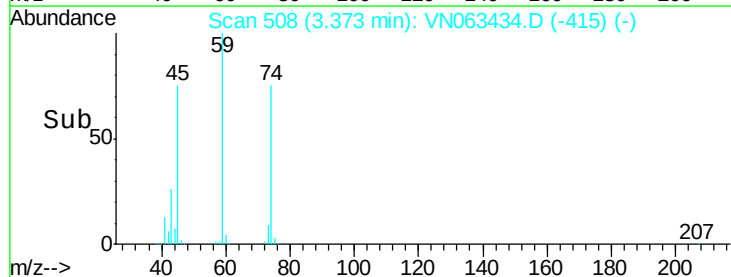
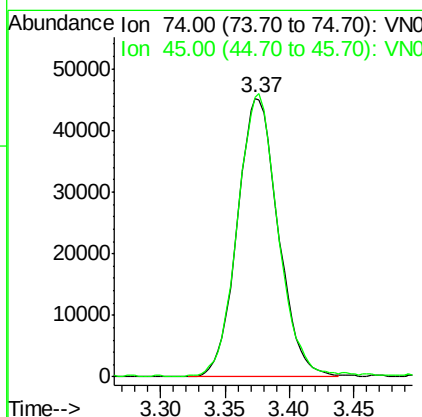
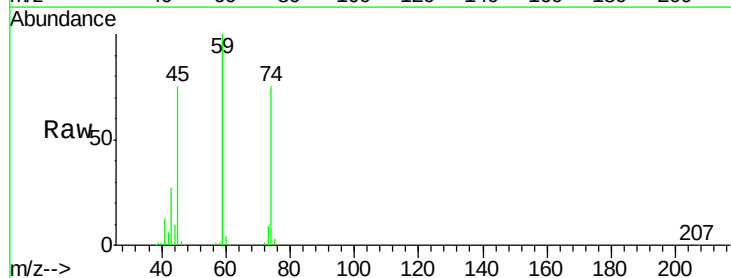
MMDadoda
 9/18/2020 10:02:50 AM

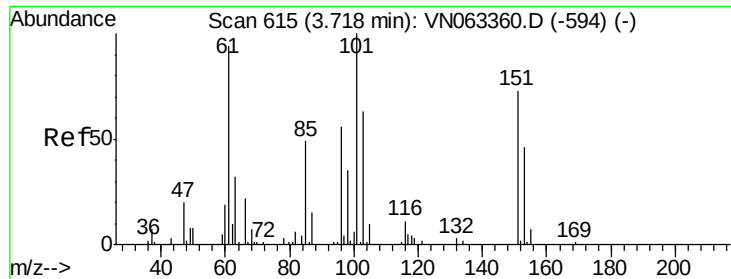


#8

Diethyl Ether
 Concen: 48.725 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	99803		
45	101.2	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.628 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063434.D

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Instrument :

MSVOA_N

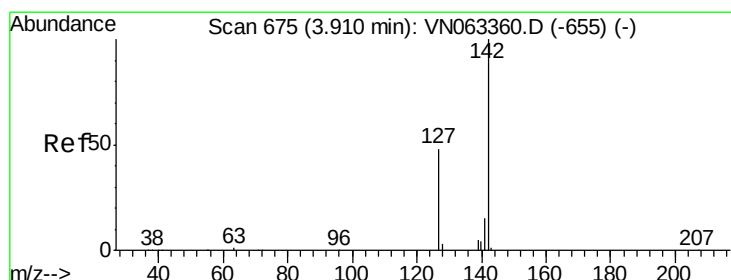
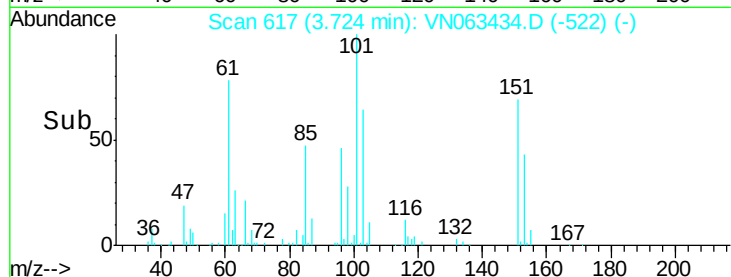
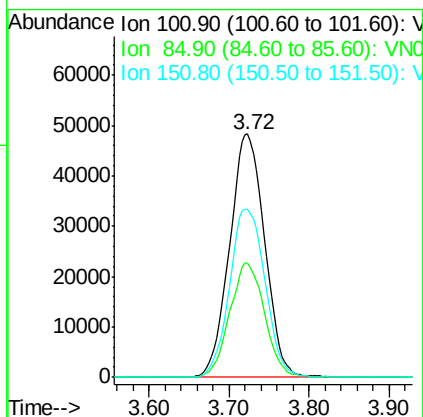
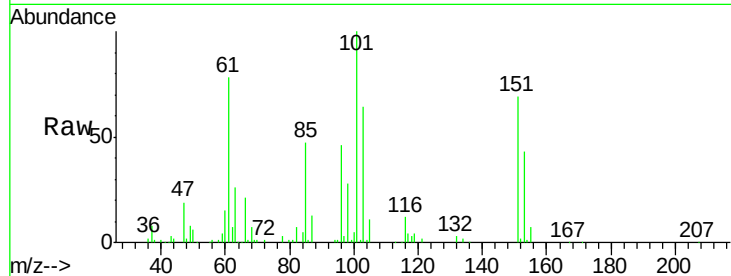
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	143691
Ion Ratio	Lower	Upper	
101	100		
85	46.6	37.7	56.5
151	70.2	57.7	86.5

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9/18/2020 10:02:50 AM



#10

Methyl Iodide

Concen: 48.129 ug/l

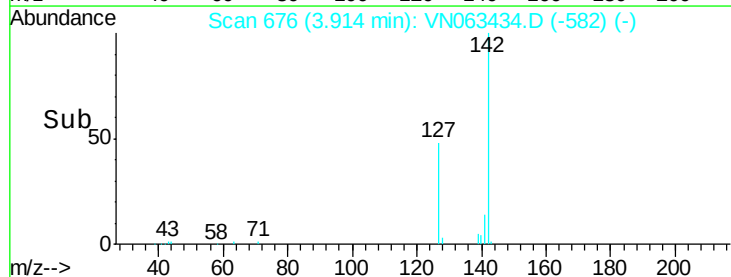
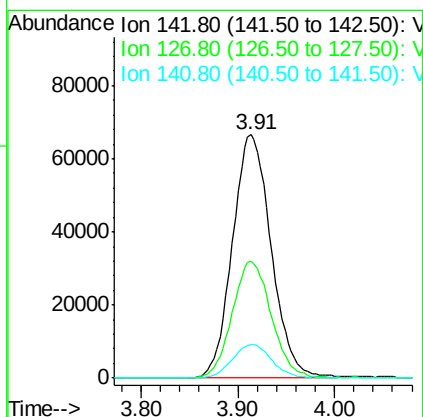
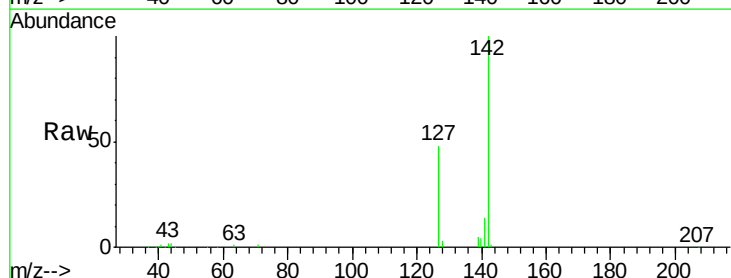
RT: 3.91 min Scan# 676

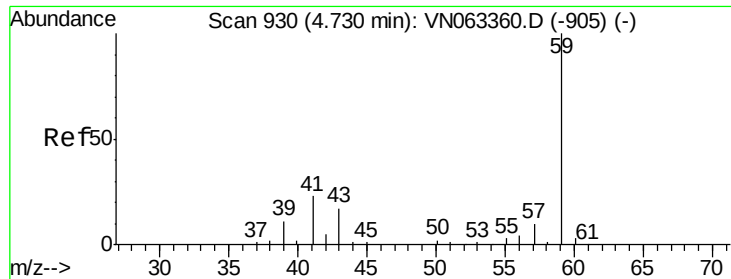
Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Tgt Ion:	142	Resp:	185157
Ion Ratio	Lower	Upper	
142	100		
127	48.5	39.0	58.6
141	14.2	11.6	17.4





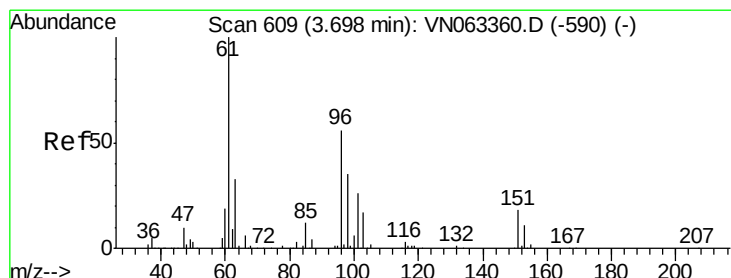
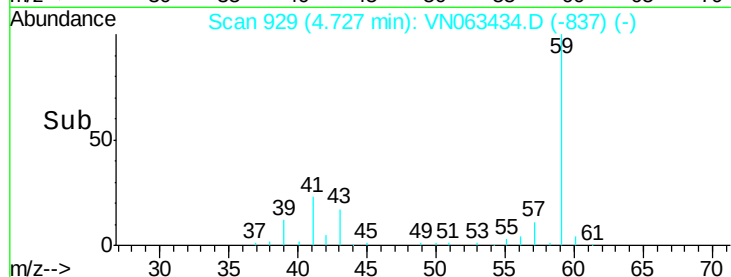
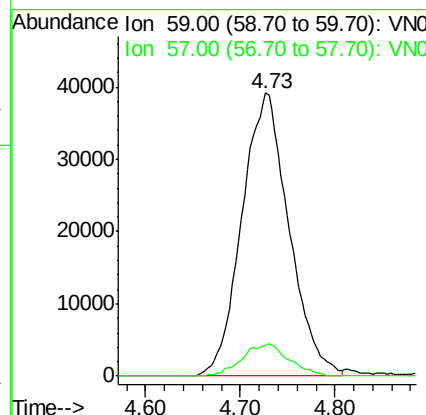
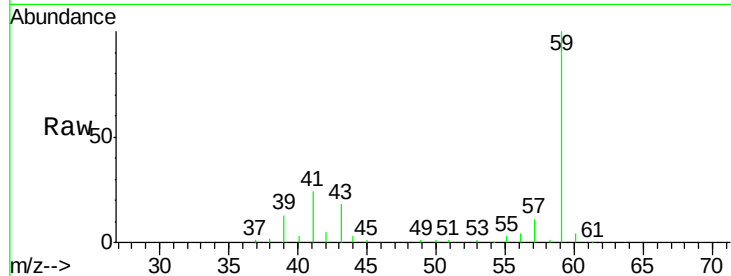
#11
Tert butyl alcohol
Concen: 216.561 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.4	12.6

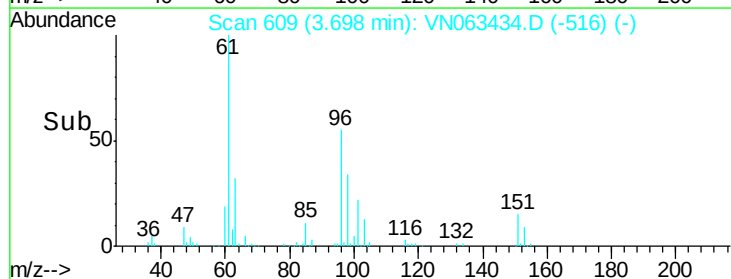
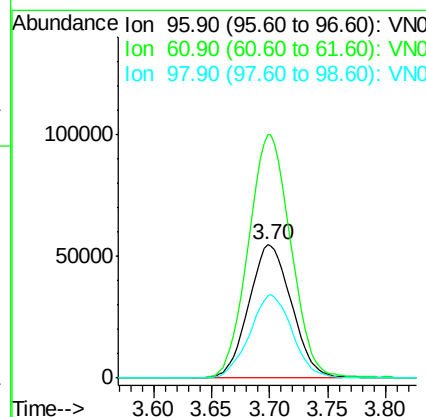
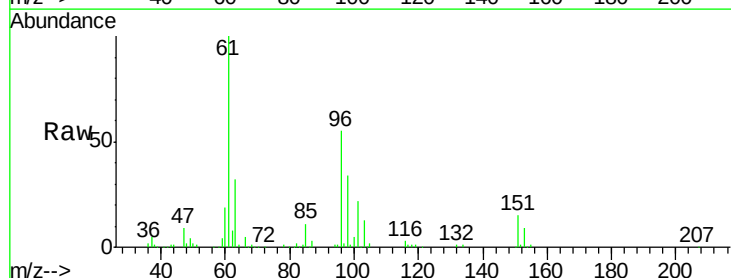
Manual Integrations
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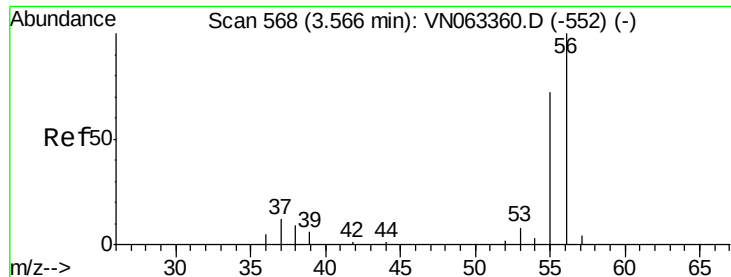
MMDadoda
9/18/2020 10:02:50 AM



#12
1,1-Dichloroethene
Concen: 47.021 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.4	143.4	215.2
98	61.5	50.6	76.0





#13

Acrolein

Concen: 287.334 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 66599

Ion Ratio Lower Upper

56 100

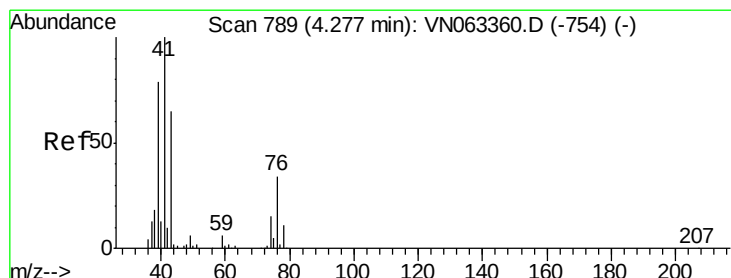
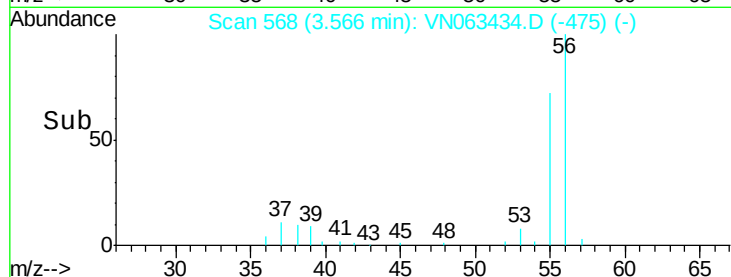
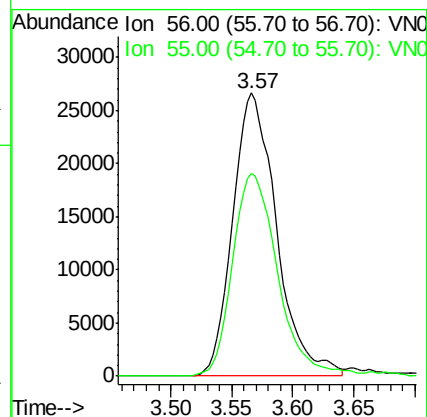
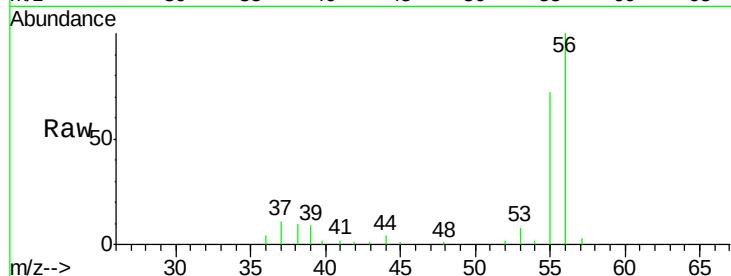
55 73.6 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 46.033 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

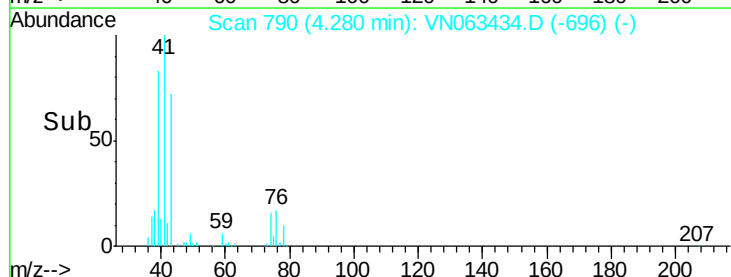
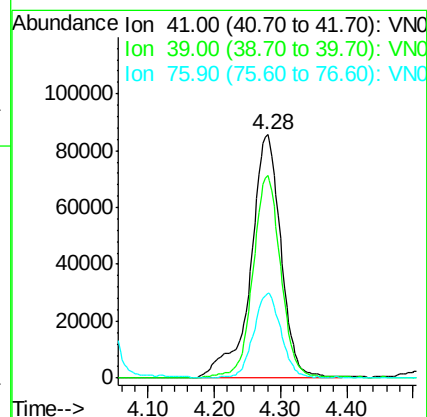
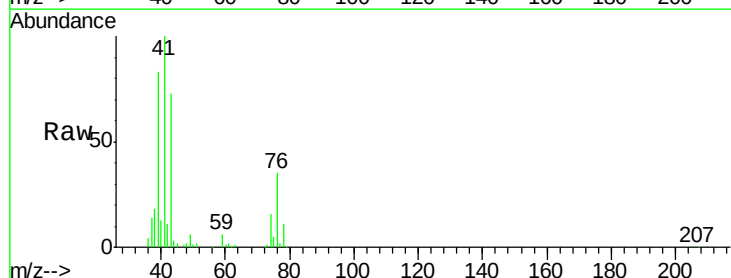
Tgt Ion: 41 Resp: 272522

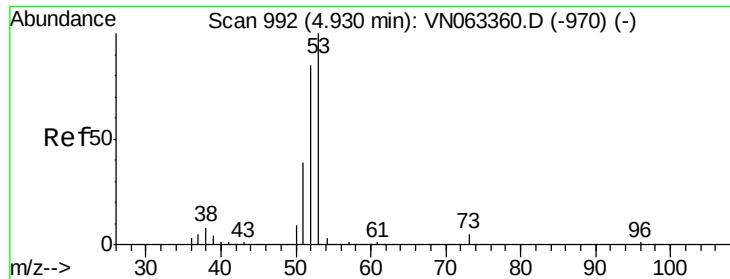
Ion Ratio Lower Upper

41 100

39 76.3 59.3 88.9

76 30.9 25.3 37.9





#15

Acrylonitrile

Concen: 243.990 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

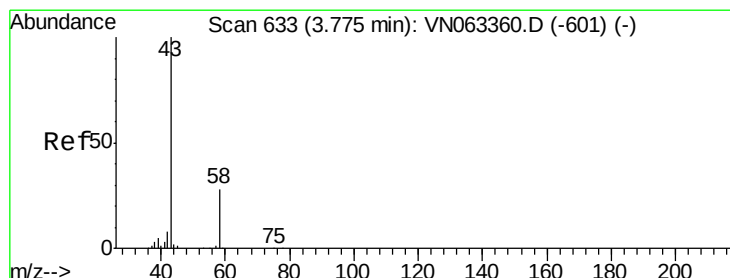
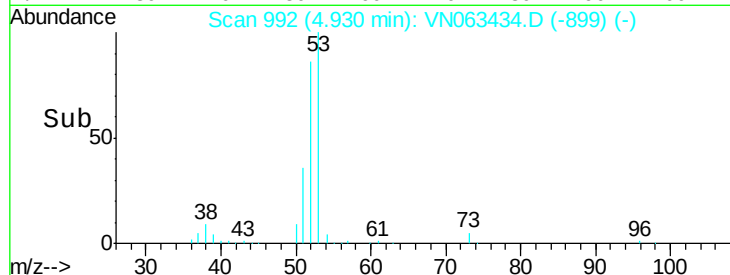
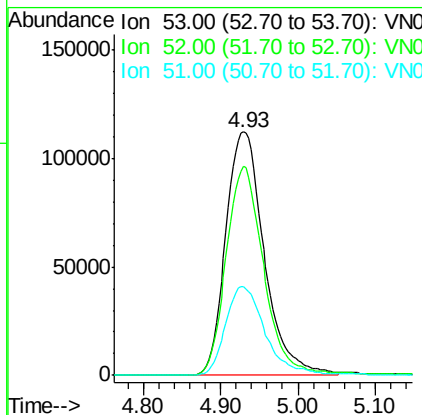
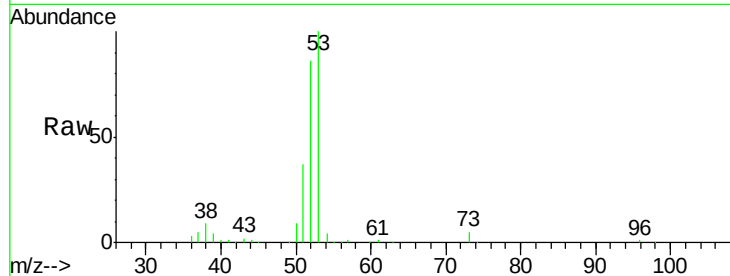
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	388173
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	37.7	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 237.017 ug/l

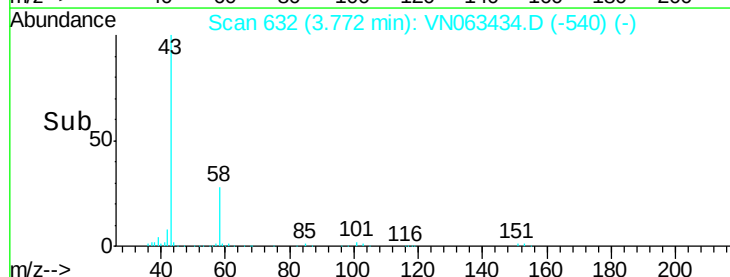
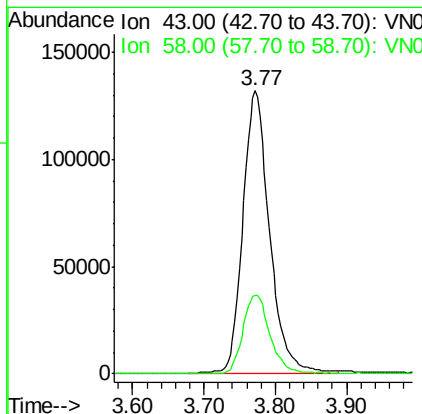
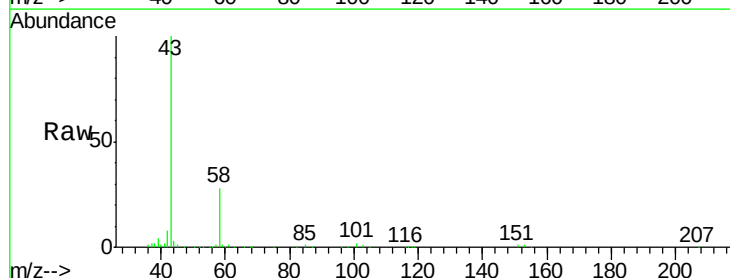
RT: 3.77 min Scan# 632

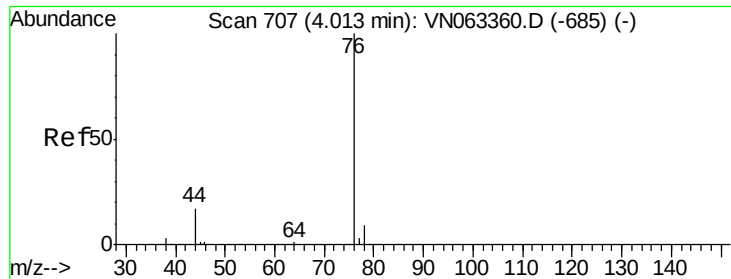
Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Tgt Ion:	43	Resp:	343902
Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.3	33.5





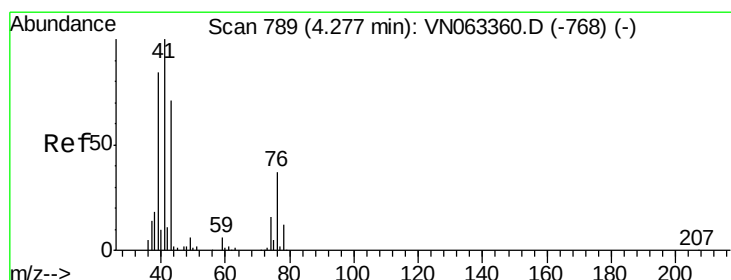
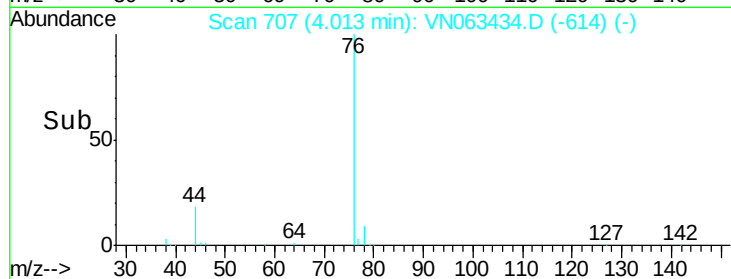
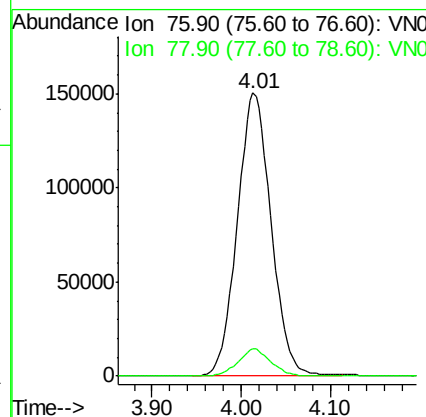
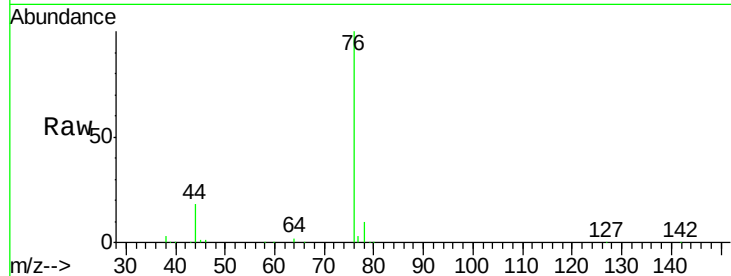
#17
Carbon Disulfide
Concen: 45.378 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

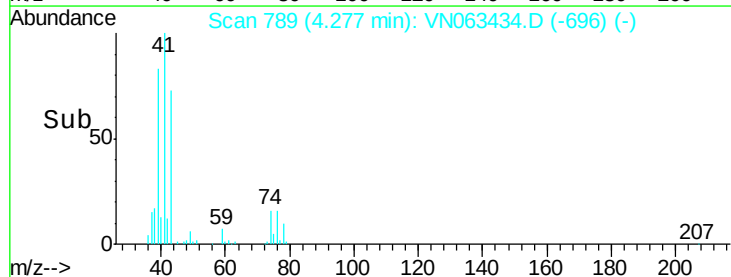
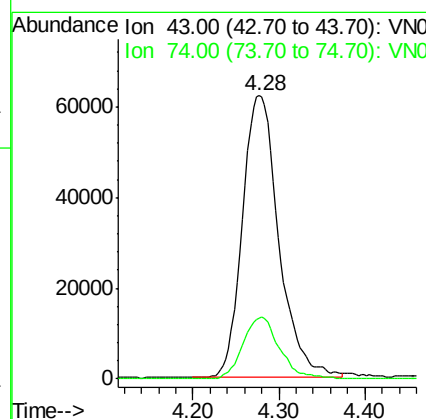
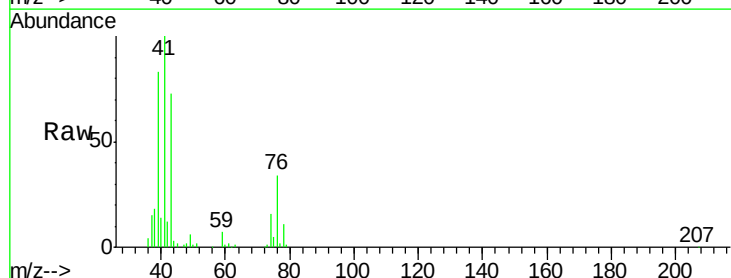
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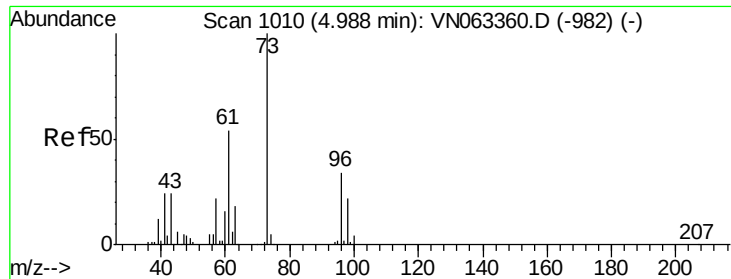
MMDadoda
9/18/2020 10:02:50 AM



#18
Methyl Acetate
Concen: 49.722 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.4	26.2





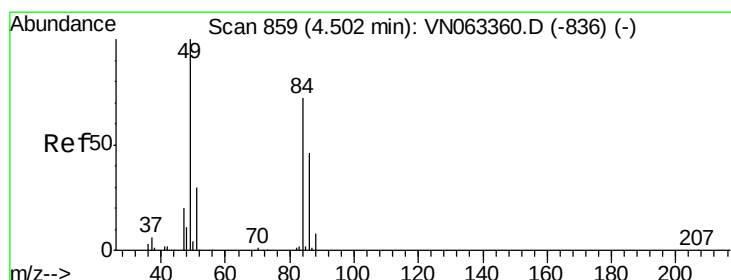
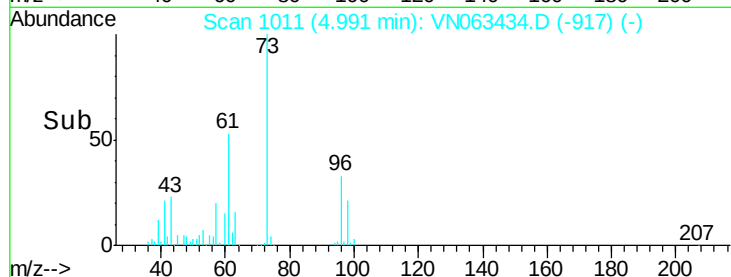
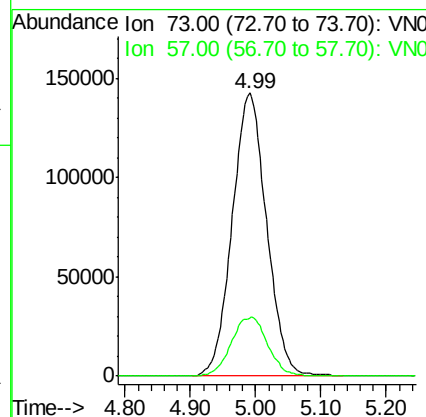
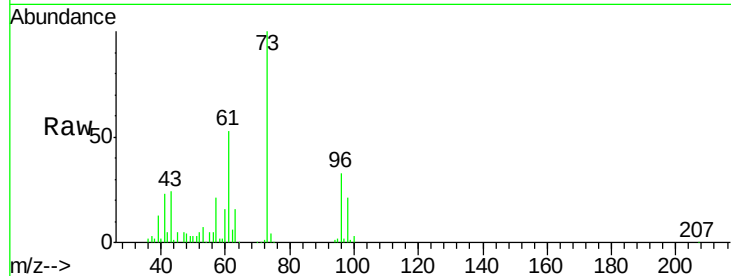
#19
Methvl tert-butvl Ether
Concen: 46.454 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 518192
Ion Ratio Lower Upper
73 100
57 20.6 17.9 26.9

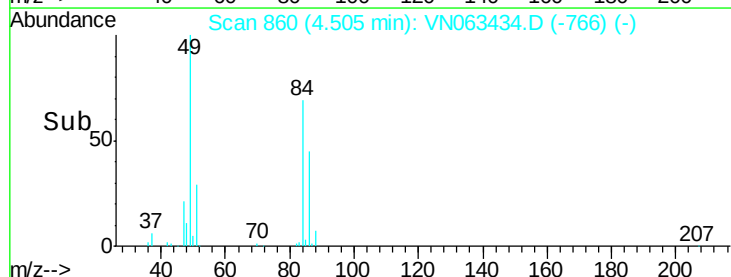
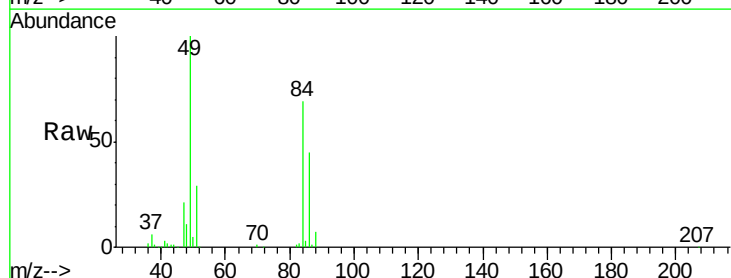
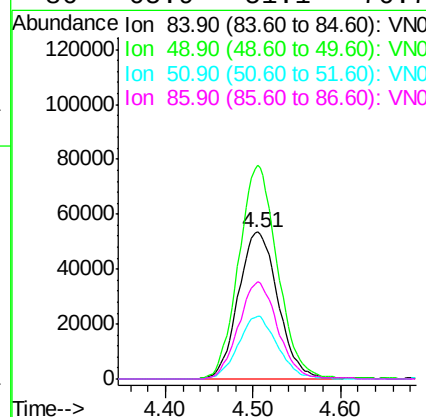
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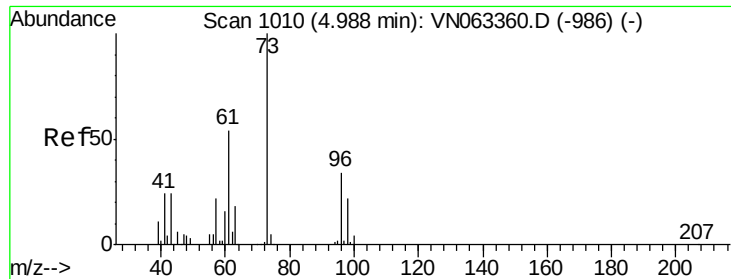
MMDadoda
9/18/2020 10:02:50 AM



#20
Methylene Chloride
Concen: 45.821 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 84 Resp: 168445
Ion Ratio Lower Upper
84 100
49 145.6 110.7 166.1
51 42.7 32.9 49.3
86 65.9 51.1 76.7





#21

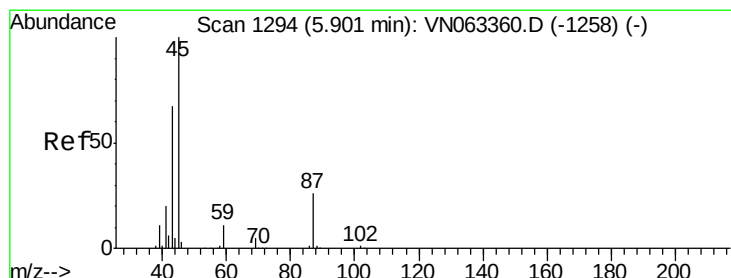
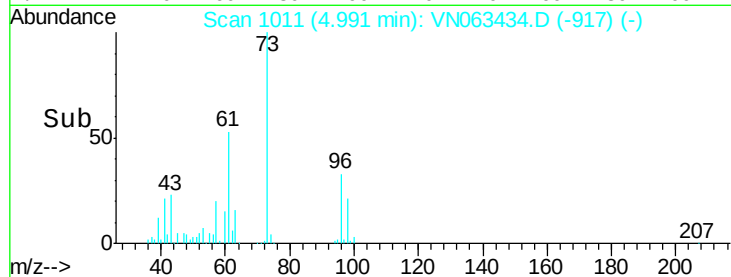
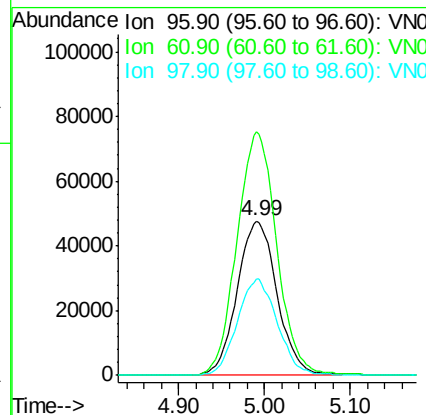
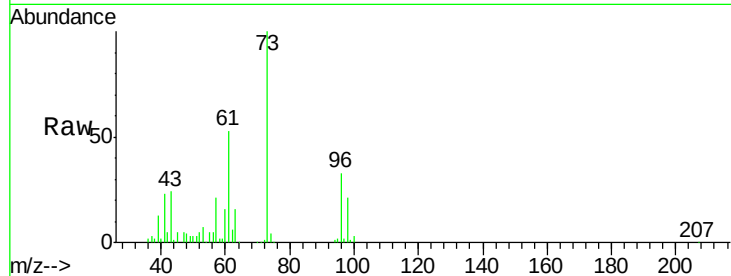
trans-1,2-Dichloroethene
Concen: 46.304 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.8	126.2	189.4
98	62.1	51.0	76.4

Manual Integrations
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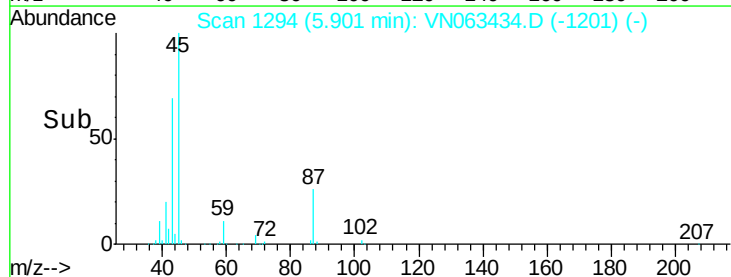
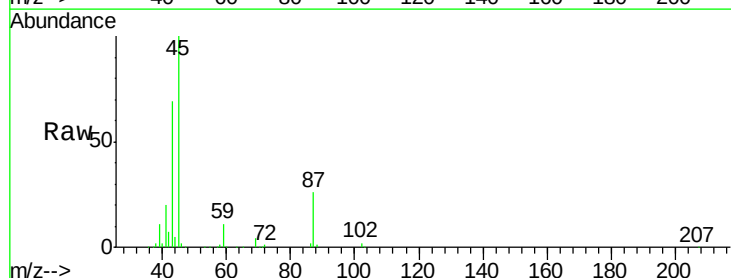
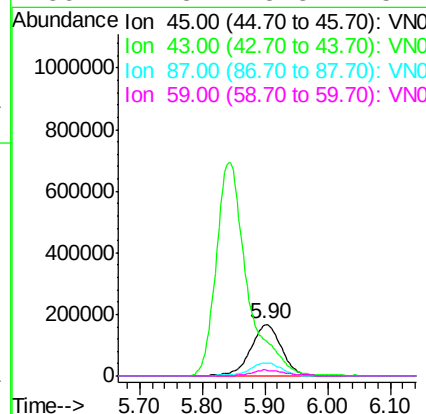
MMDadoda
9/18/2020 10:02:50 AM

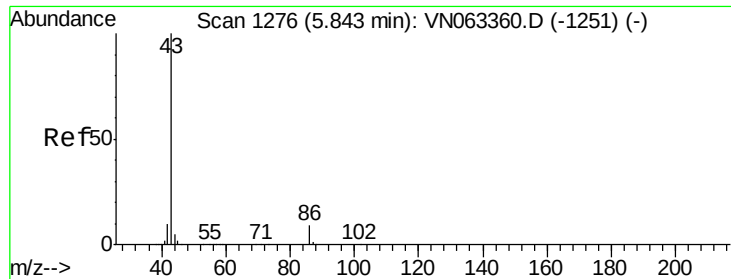


#22

Diisopropyl ether
Concen: 47.335 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.9	53.5	80.3
87	25.9	21.2	31.8
59	11.3	8.8	13.2





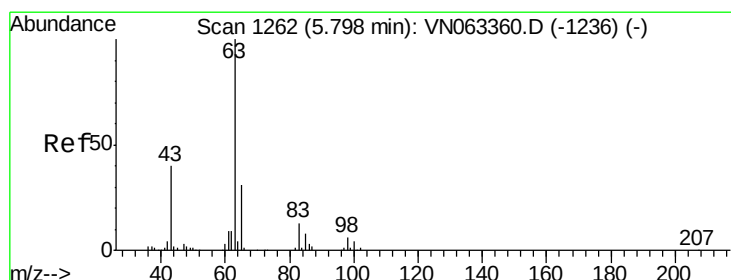
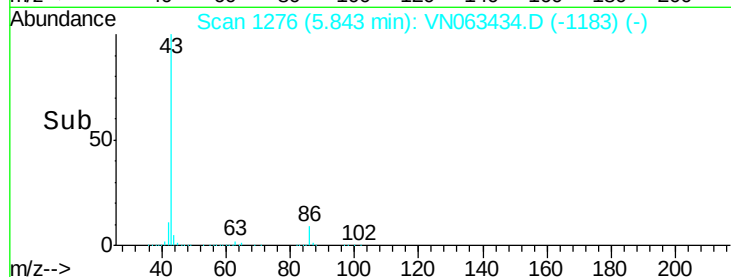
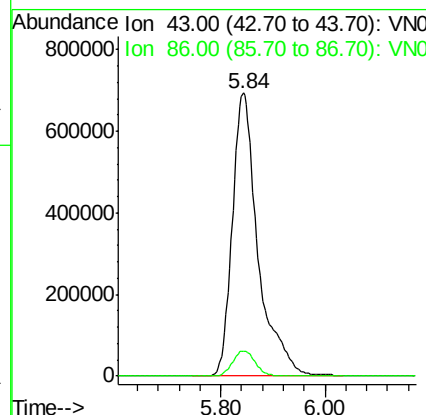
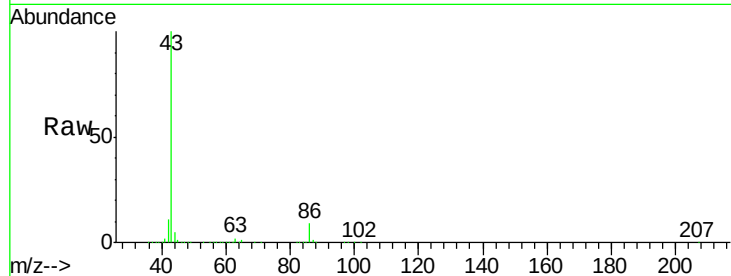
#23
 Vinyl Acetate
 Concen: 240.712 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2386905
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.1 10.7

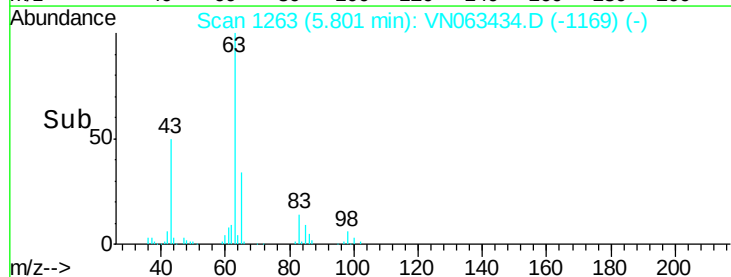
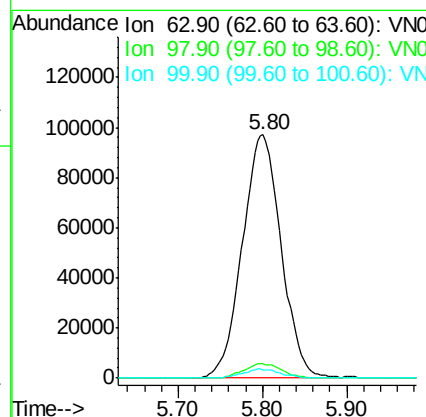
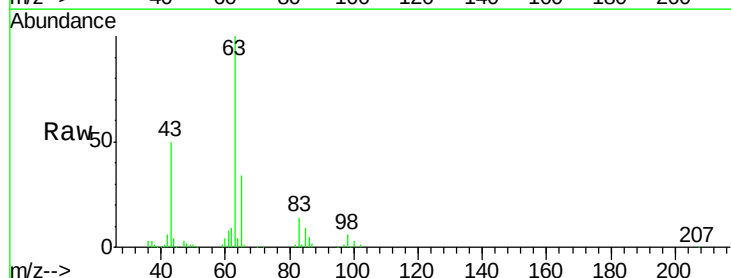
Manual Integrations
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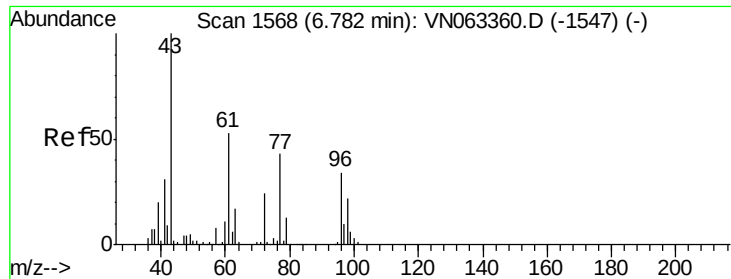
MMDadoda
 9/18/2020 10:02:50 AM



#24
 1,1-Dichloroethane
 Concen: 47.045 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion: 63 Resp: 310117
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 3.3 2.1 6.3





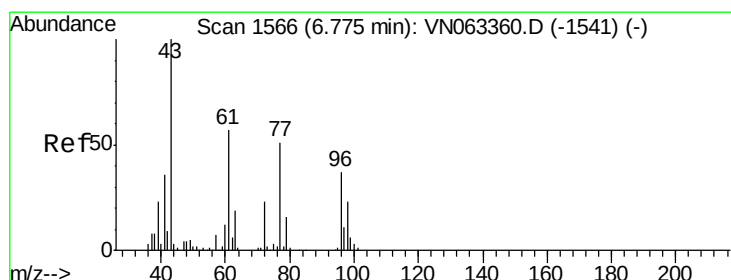
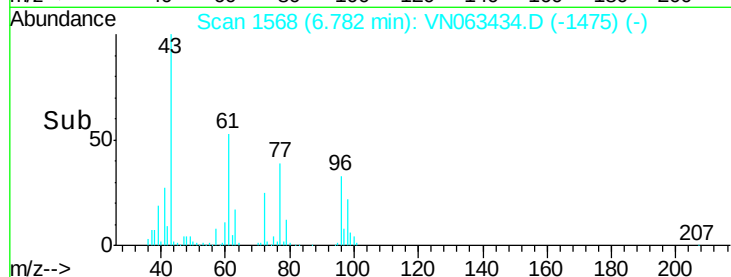
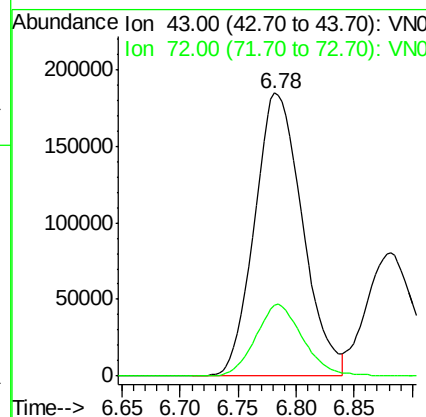
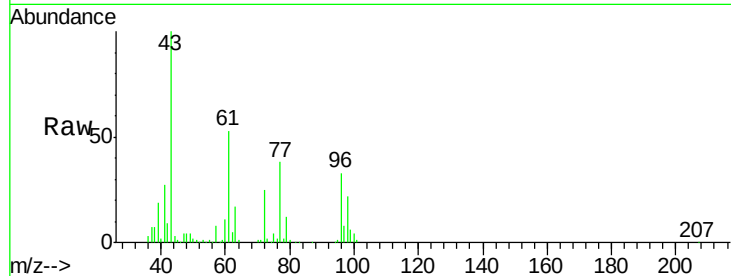
#25
2-Butanone
Concen: 237.069 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 529030
Ion Ratio Lower Upper
43 100
72 24.9 19.2 28.8

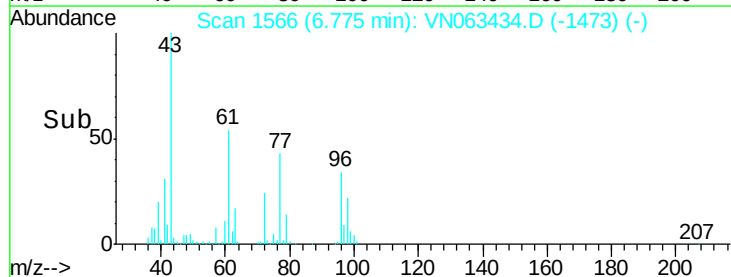
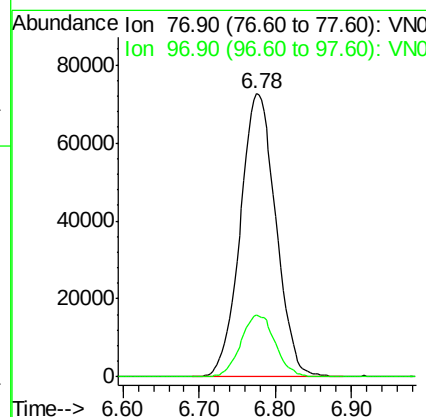
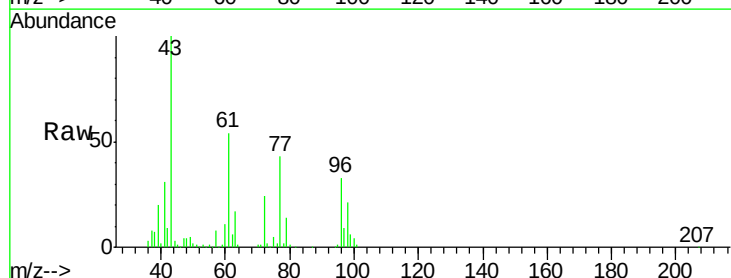
Manual Integrations
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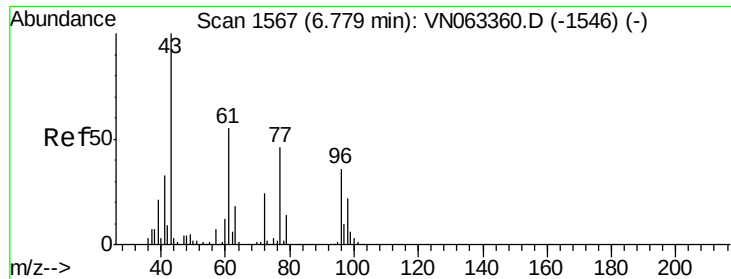
MMDadoda
9/18/2020 10:02:50 AM



#26
2,2-Dichloropropane
Concen: 40.615 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 77 Resp: 235720
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.681 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

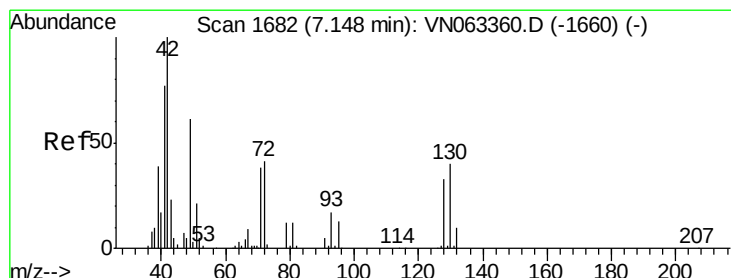
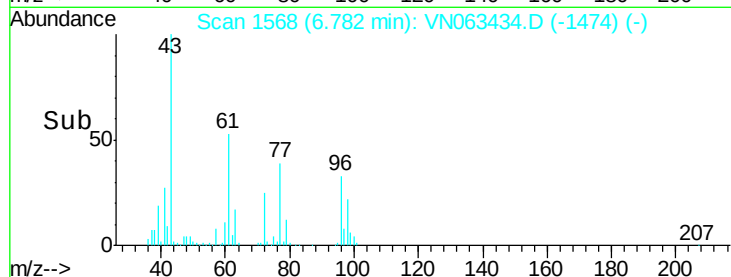
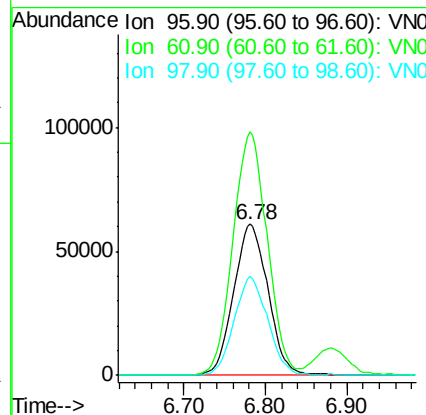
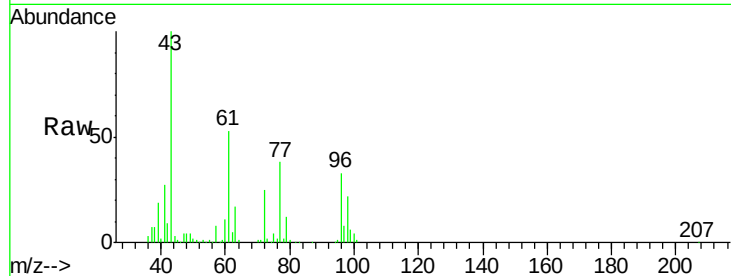
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	178958
Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	319.6
98	63.7	0.0	127.8

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#28

Bromochloromethane

Concen: 50.835 ug/l

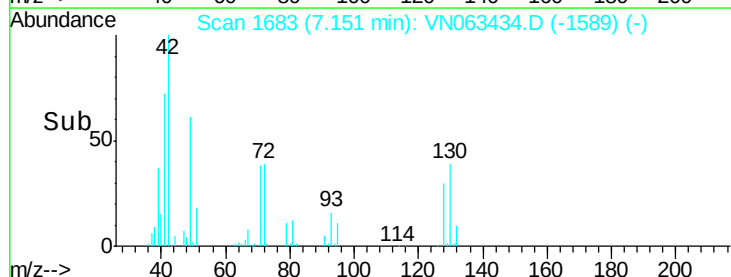
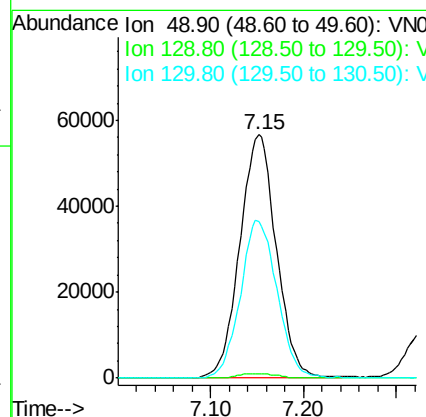
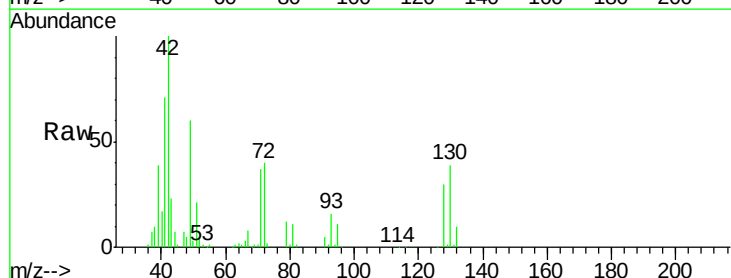
RT: 7.15 min Scan# 1683

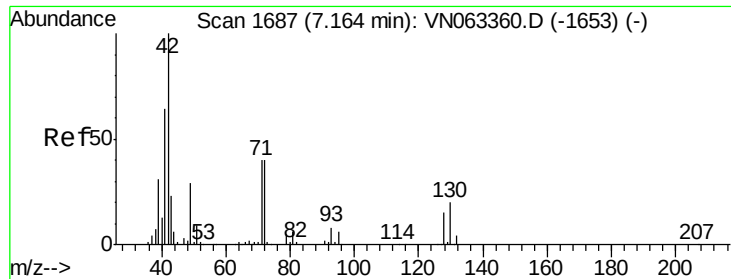
Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Tgt Ion:	49	Resp:	154725
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	65.1	52.2	78.2





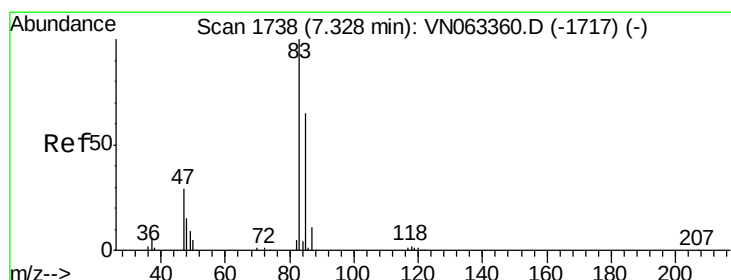
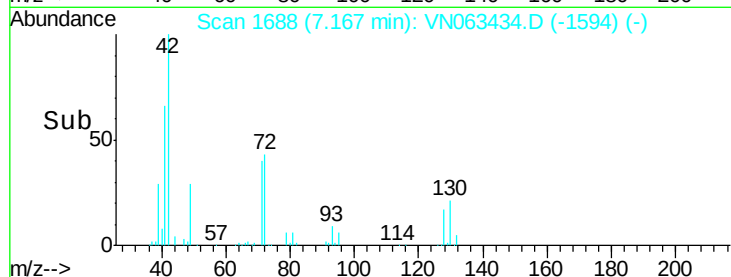
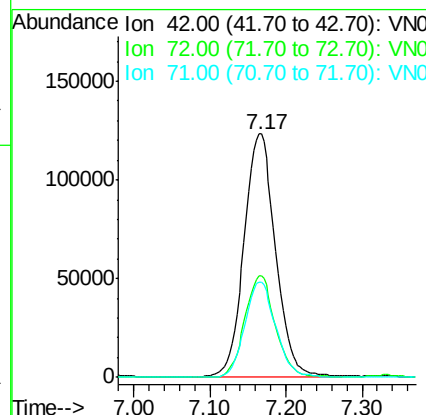
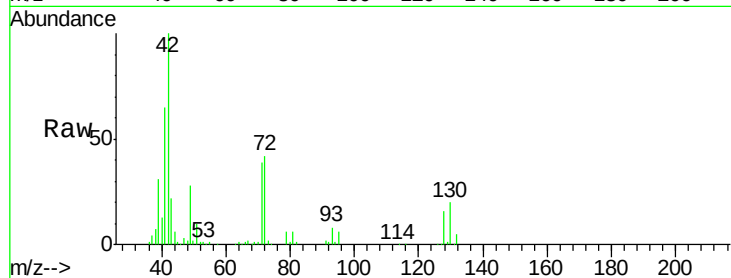
#29
Tetrahydrofuran
Concen: 232.400 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.1	48.1
71	38.5	31.2	46.8

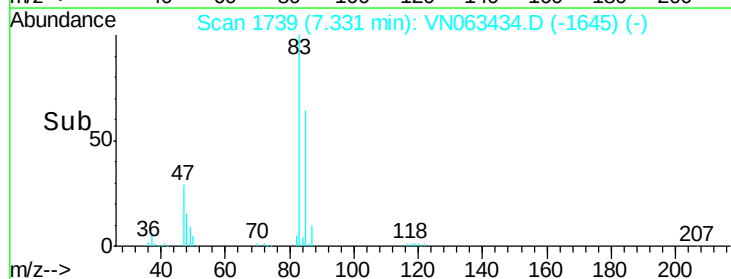
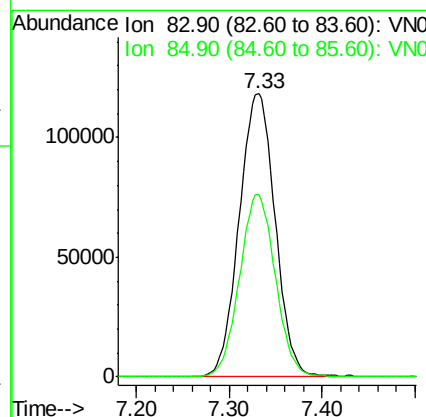
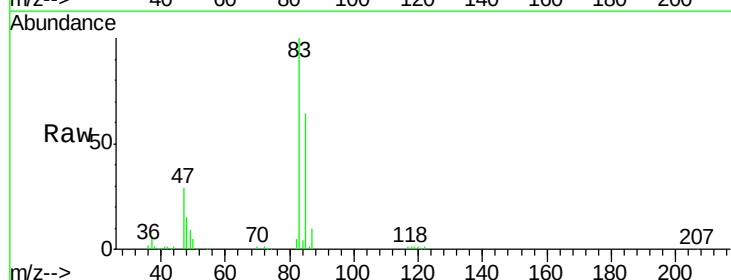
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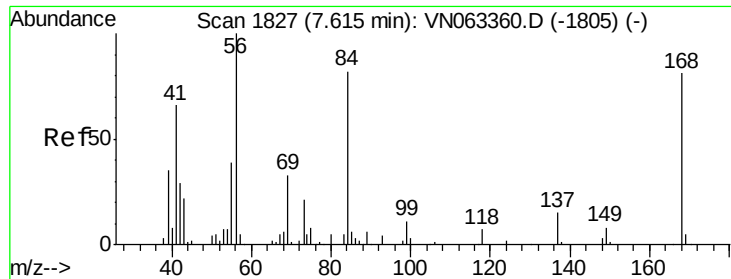
MMDadoda
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#30
Chloroform
Concen: 48.236 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1





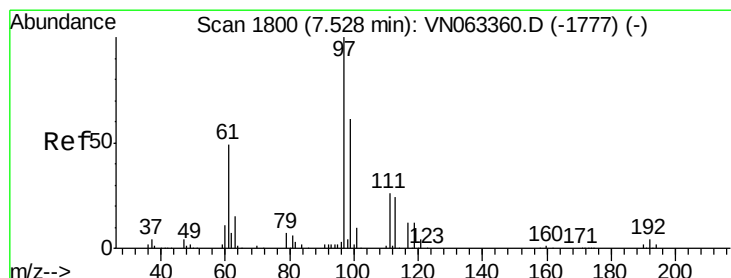
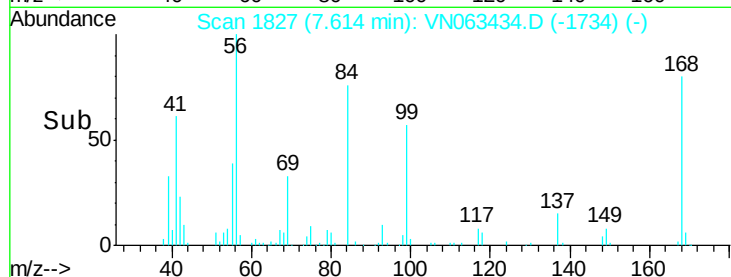
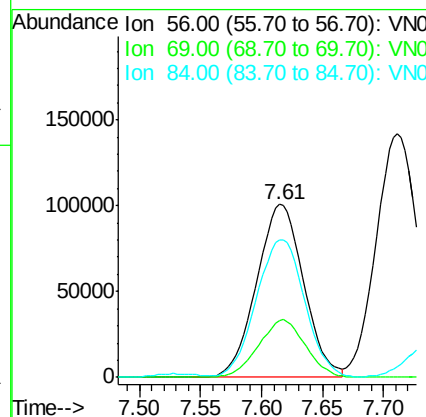
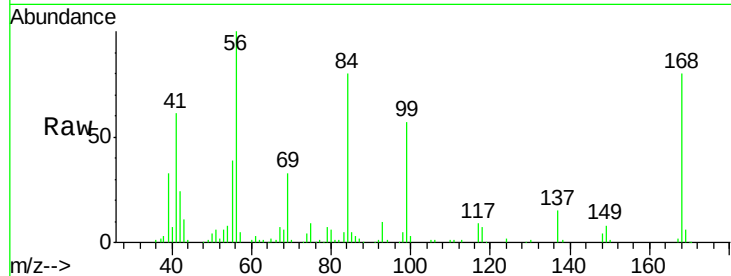
#31
Cyclohexane
Concen: 43.359 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	270360		
69	33.0		26.1	39.1
84	77.9		65.4	98.2

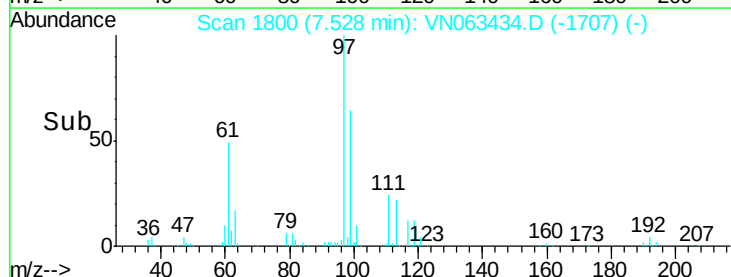
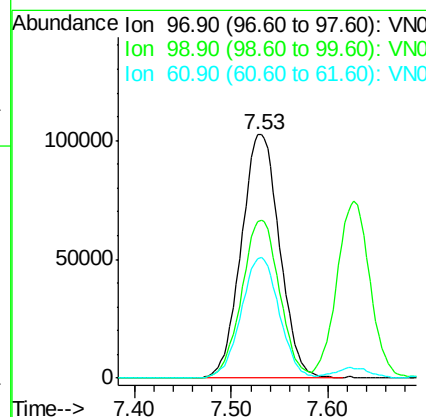
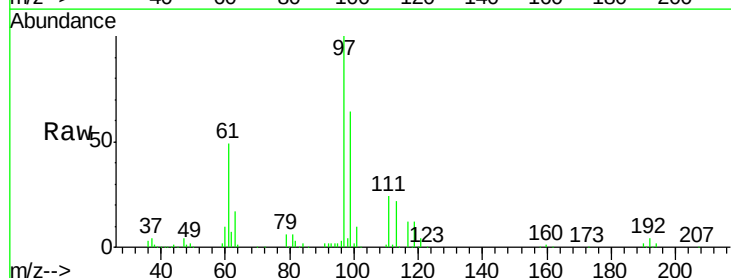
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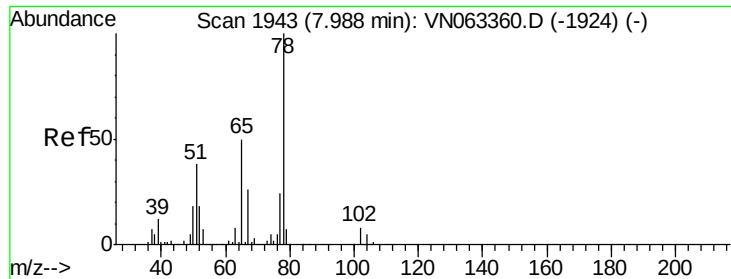
MMDadoda
9/18/2020 10:02:50 AM



#32
1,1,1-Trichloroethane
Concen: 47.843 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	281425		
99	64.1		50.6	76.0
61	49.2		39.2	58.8





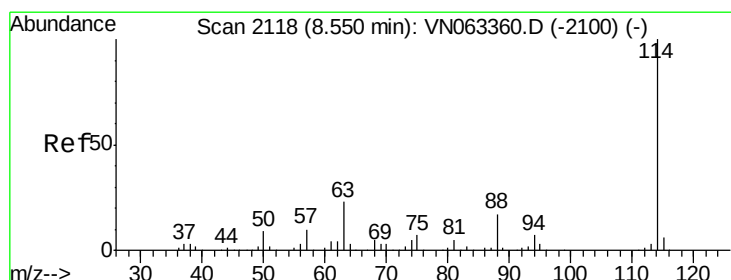
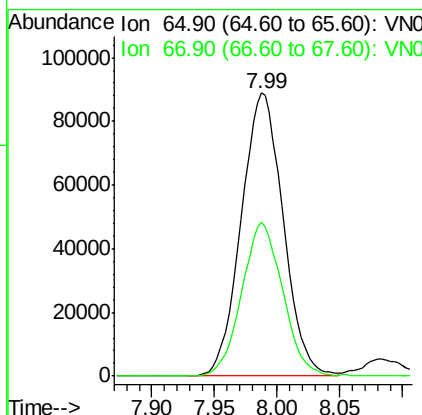
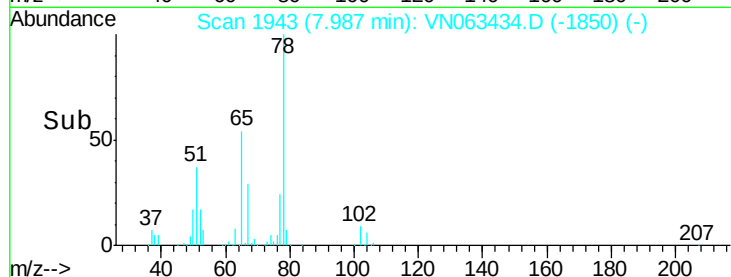
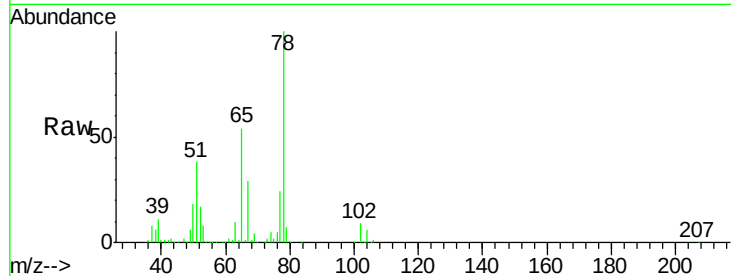
#33
 1,2-Dichloroethane-d4
 Concen: 45.873 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	207102		
67	52.9	0.0	104.2	

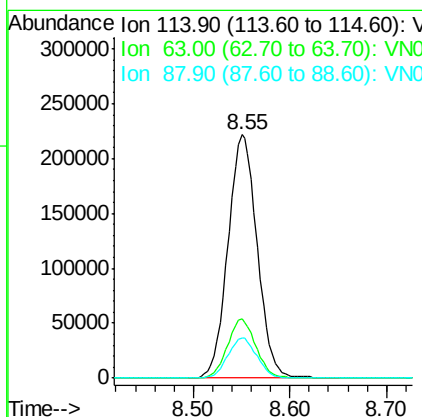
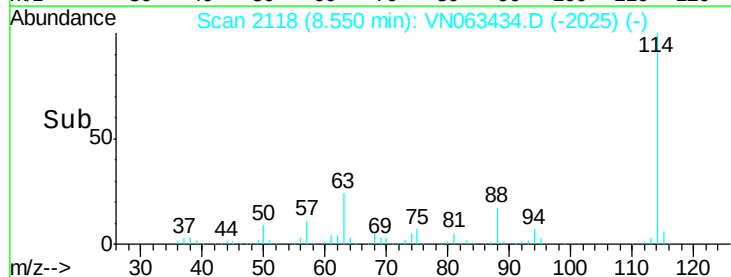
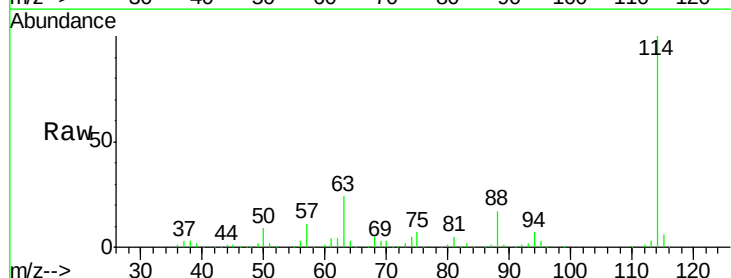
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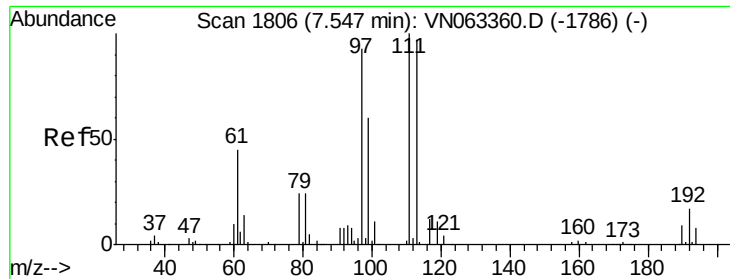
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	464042		
63	24.2	0.0	46.4	
88	16.7	0.0	33.2	





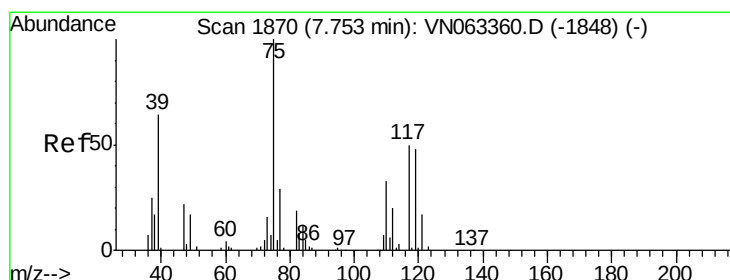
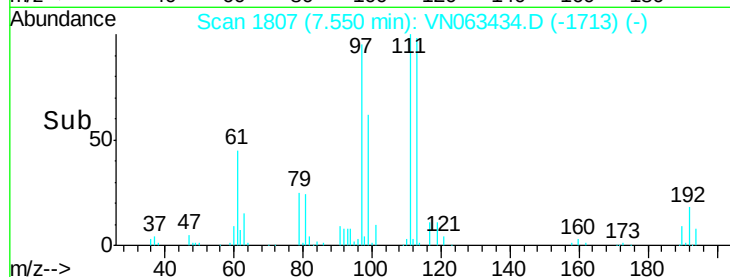
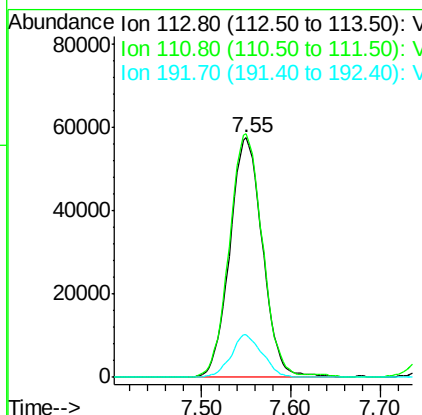
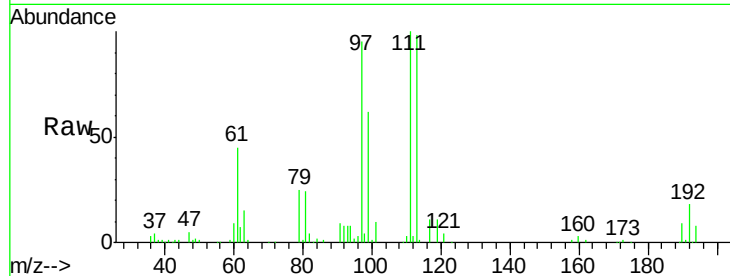
#35
Dibromofluoromethane
Concen: 45.598 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146482		
111	102.7	82.9	124.3	
192	17.1	13.9	20.9	

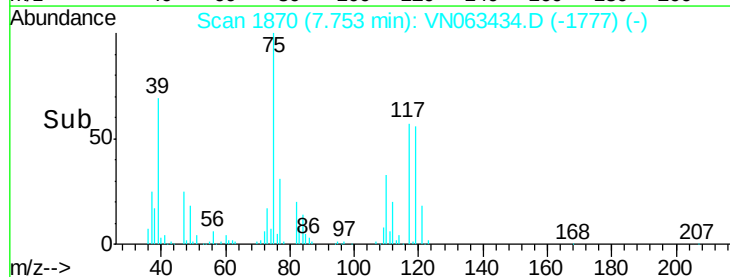
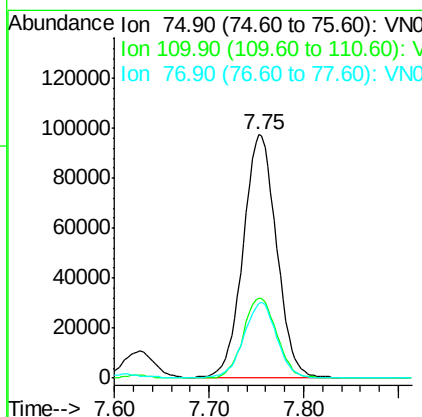
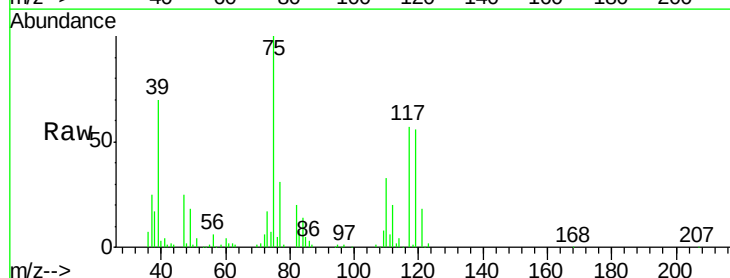
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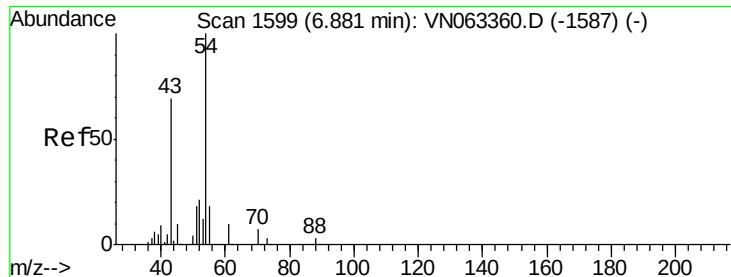
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9/18/2020 10:02:50 AM



#36
1,1-Dichloropropene
Concen: 48.199 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	238282		
110	32.9	16.5	49.5	
77	30.9	24.6	36.8	





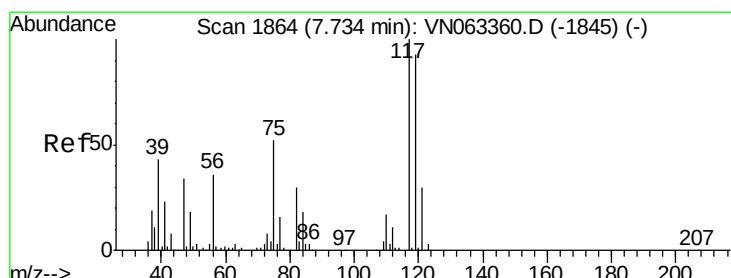
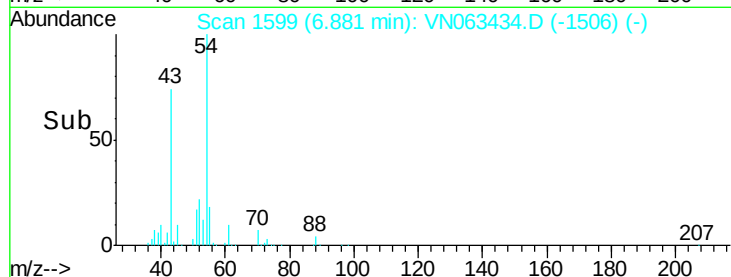
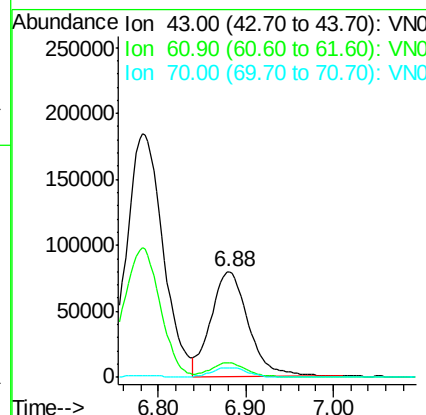
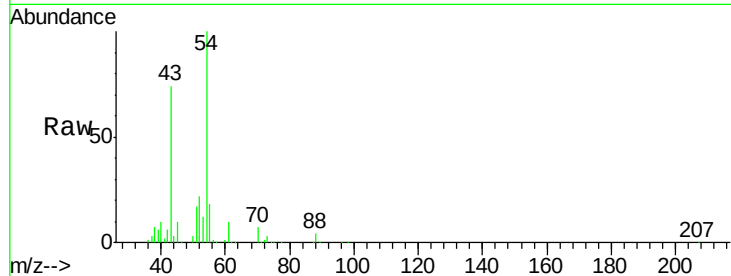
#37
Ethyl Acetate
Concen: 48.678 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	236190
Ion Ratio	Lower	Upper	
43	100		
61	12.7	10.6	15.8
70	8.9	7.2	10.8

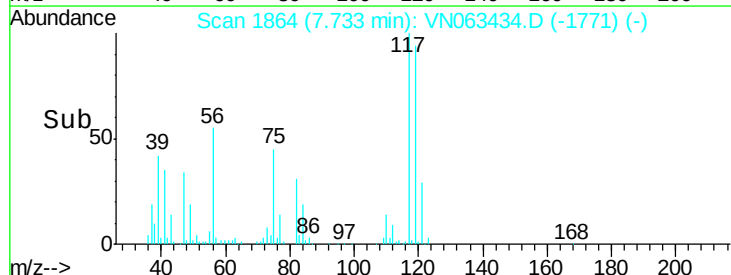
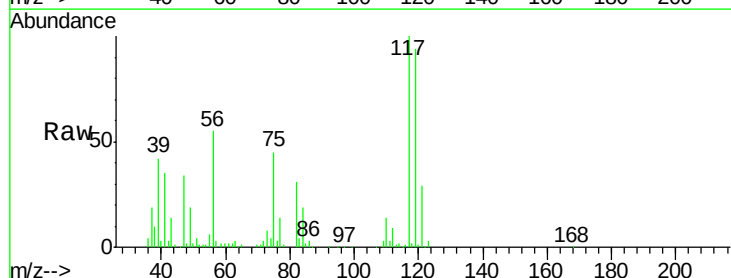
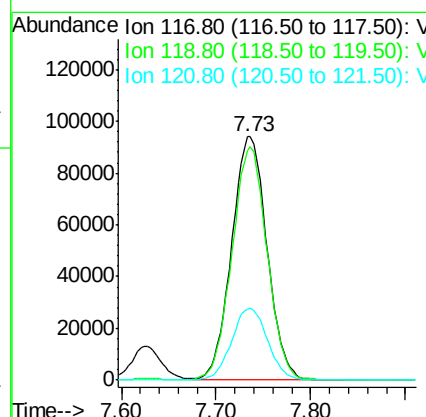
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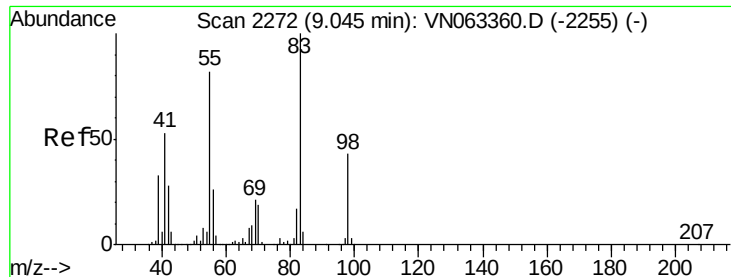
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#38
Carbon Tetrachloride
Concen: 48.519 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	117	Resp	244855
Ion Ratio	Lower	Upper	
117	100		
119	93.9	74.5	111.7
121	29.3	24.1	36.1





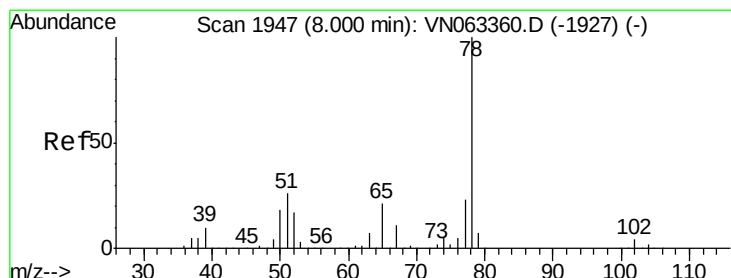
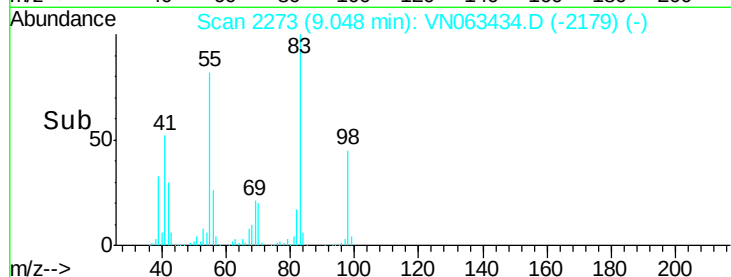
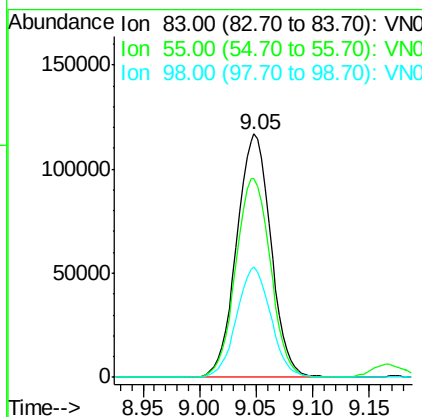
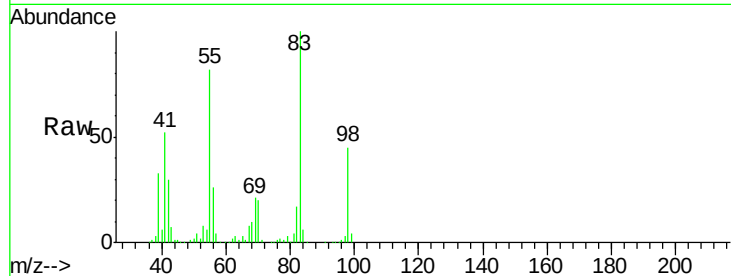
#39
Methylvlcyclohexane
Concen: 45.967 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.7	65.5	98.3	
98	45.2	34.2	51.4	

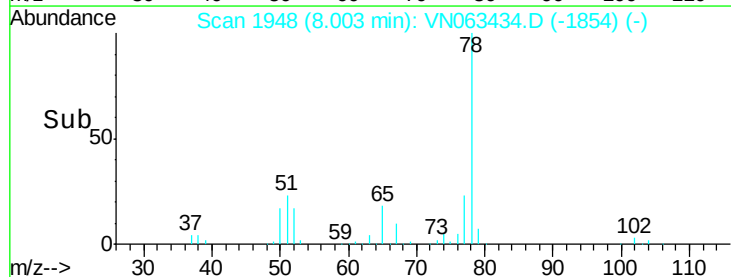
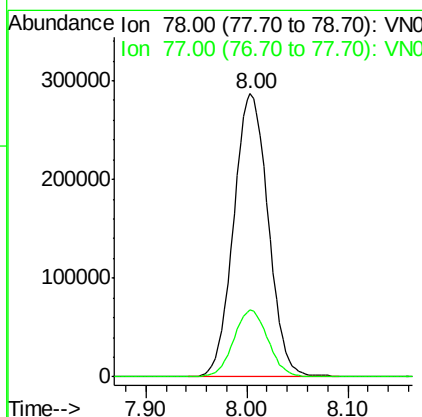
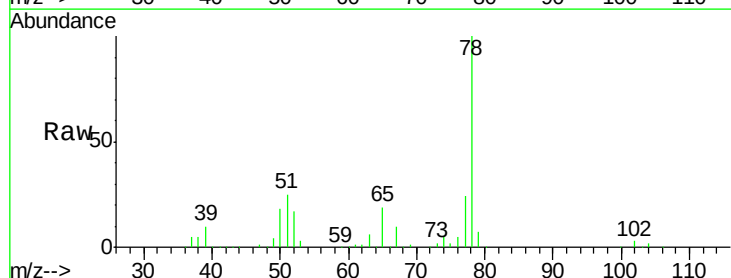
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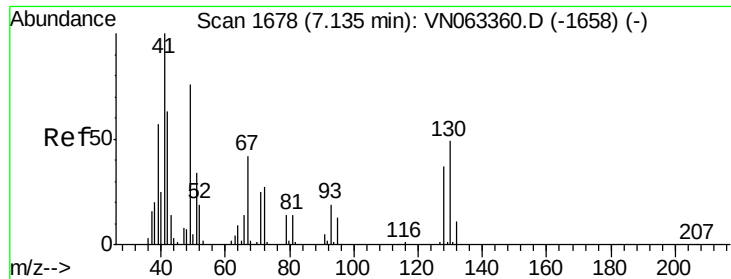
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#40
Benzene
Concen: 48.376 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	18.3	27.5	





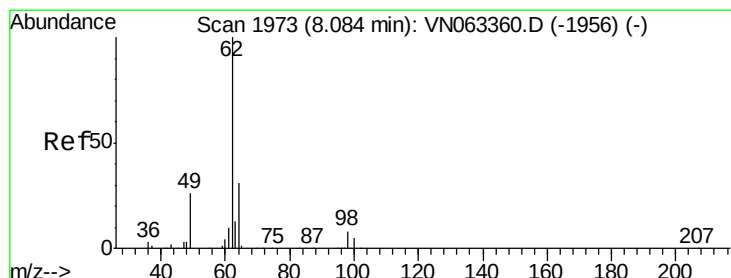
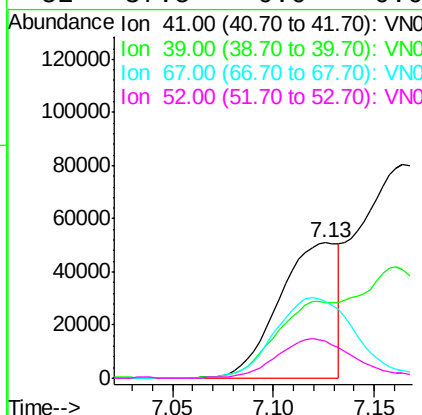
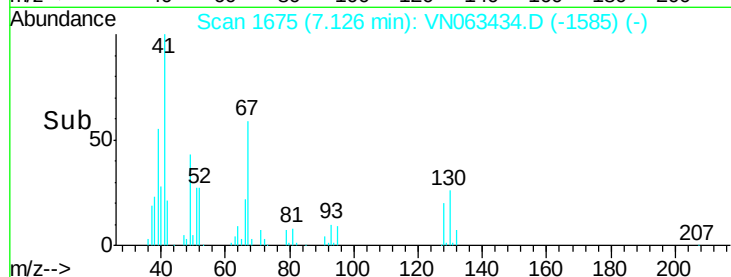
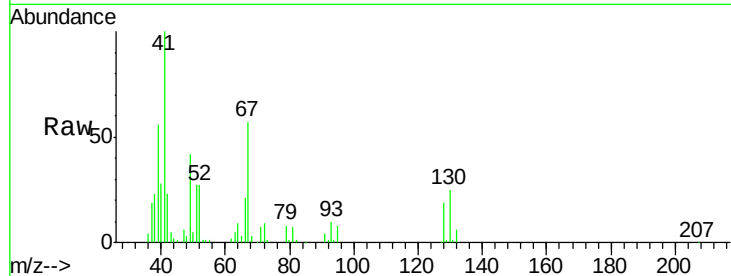
#41
Methacrylonitrile
Concen: 47.436 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.6	0.0	0.0#		
67	82.3	0.0	0.0#		
52	37.5	0.0	0.0#		

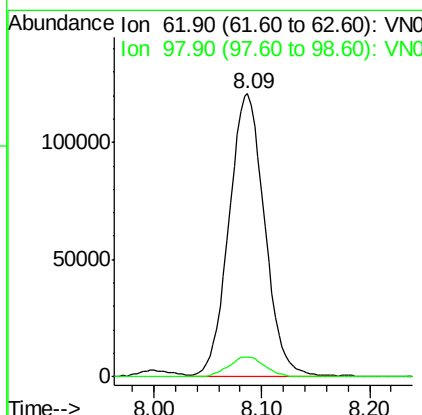
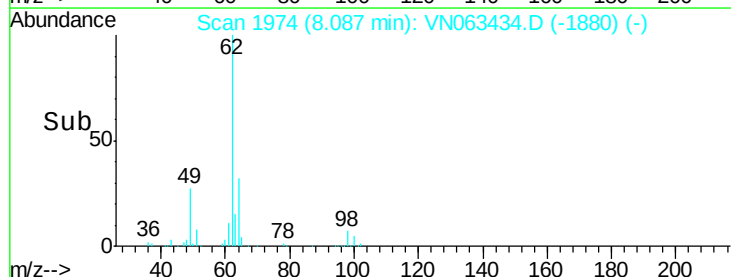
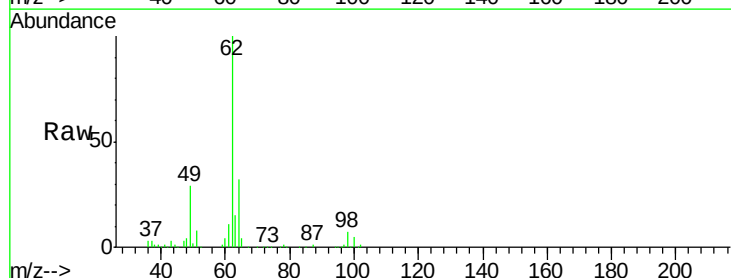
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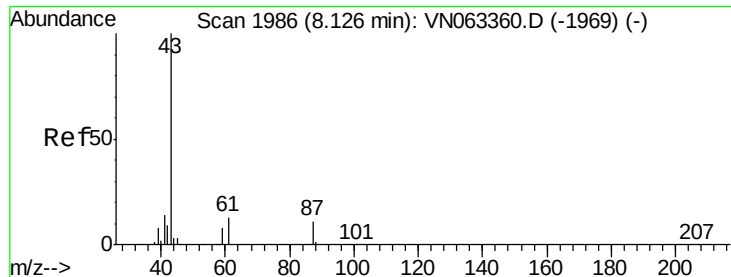
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#42
1,2-Dichloroethane
Concen: 48.722 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

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





#43

Isopropyl Acetate

Concen: 46.283 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

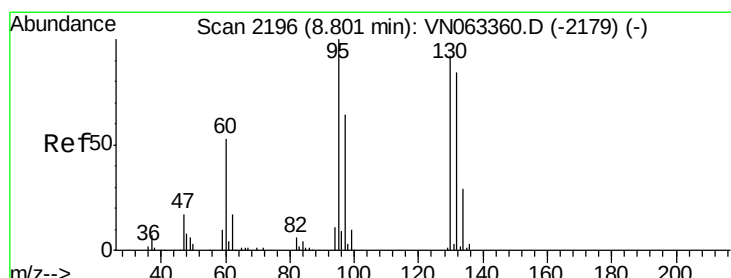
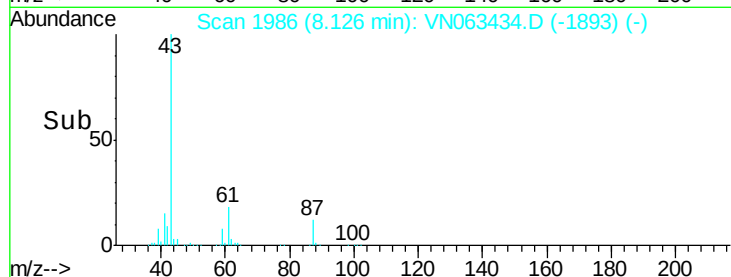
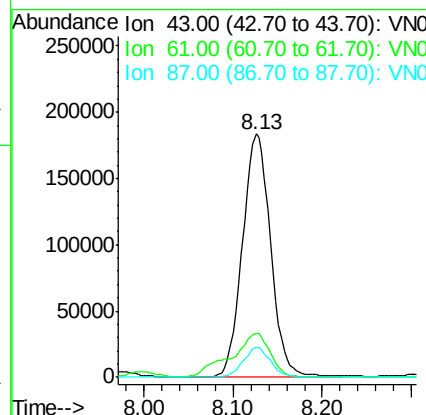
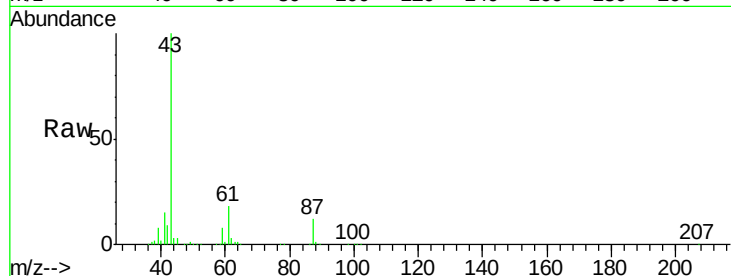
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	401549
Ion	Ratio	Lower	Upper
43	100		
61	24.9	14.2	21.2#
87	12.0	9.0	13.6

Manual Integrations
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9/18/2020 10:02:50 AM



#44

Trichloroethene

Concen: 48.979 ug/l

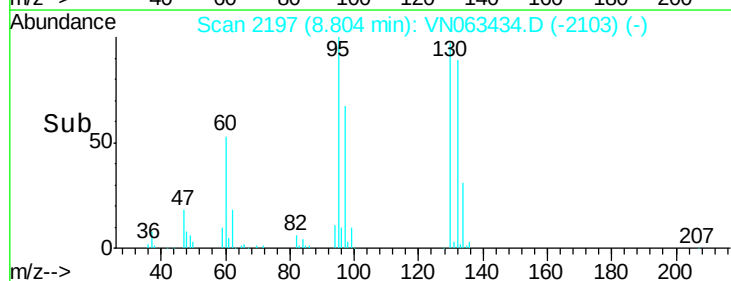
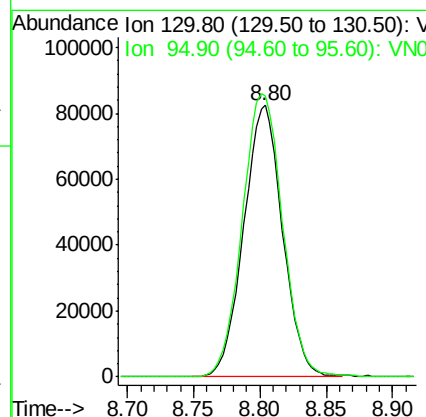
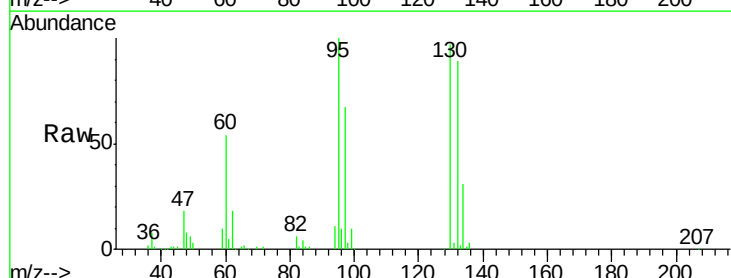
RT: 8.80 min Scan# 2197

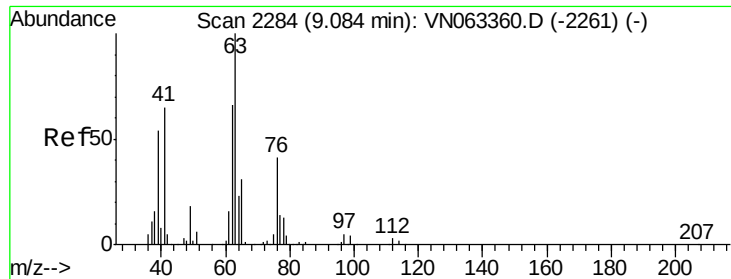
Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Tgt Ion:	130	Resp:	167652
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	217.4





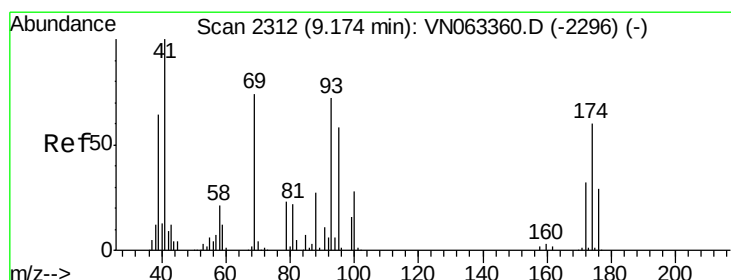
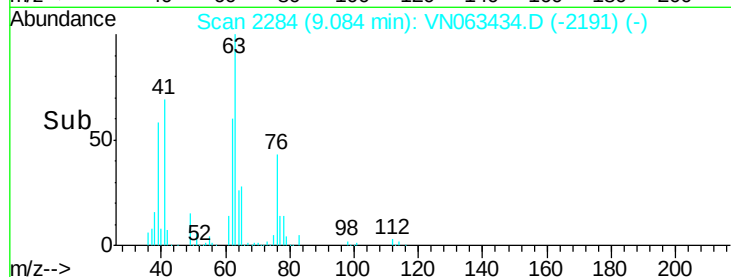
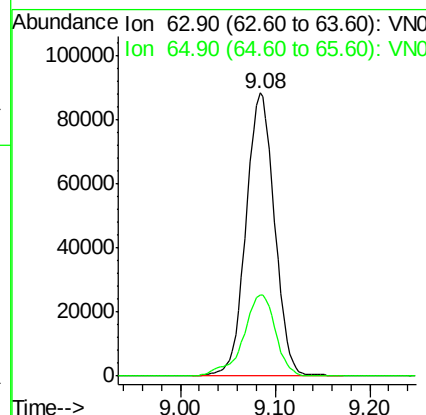
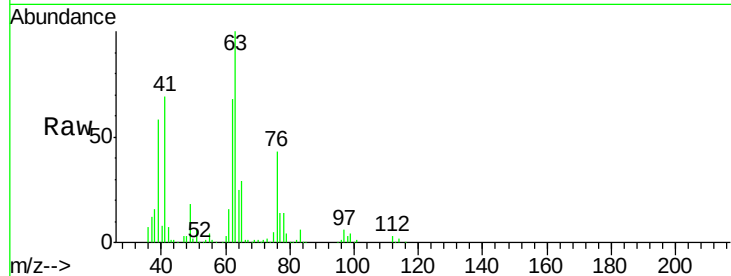
#45
 1,2-Dichloropropane
 Concen: 48.290 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 185609
 Ion Ratio Lower Upper
 63 100
 65 28.9 25.0 37.6

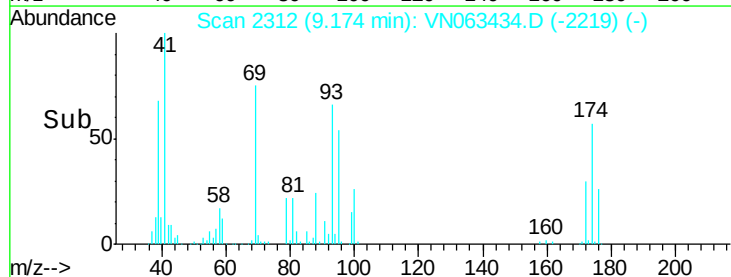
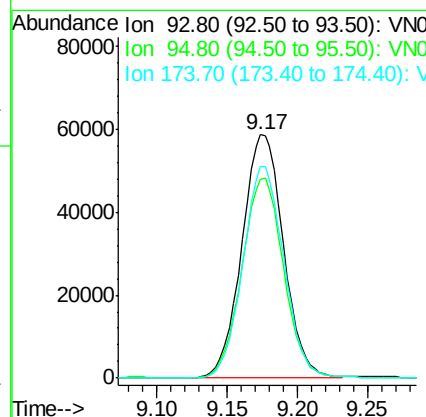
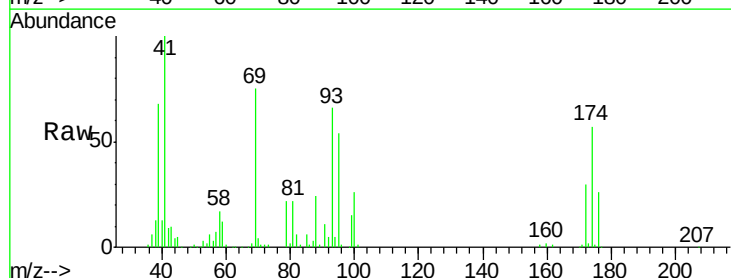
Manual Integrations
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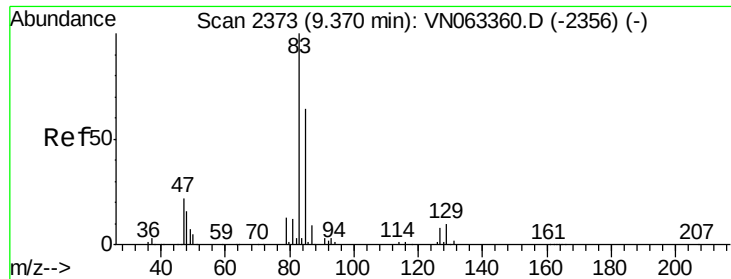
MMDadoda
 9/18/2020 10:02:50 AM



#46
 Dibromomethane
 Concen: 48.017 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion: 93 Resp: 121302
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.6 98.4
 174 86.0 68.1 102.1





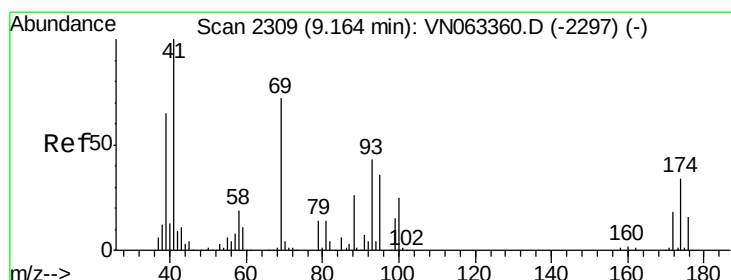
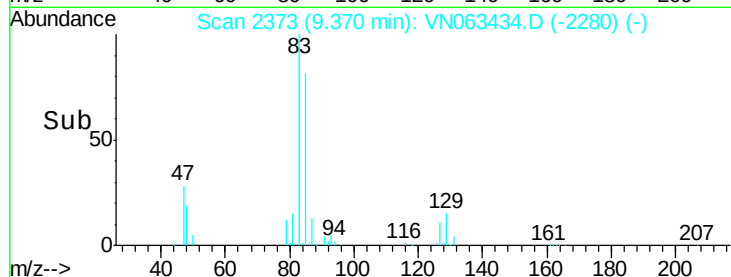
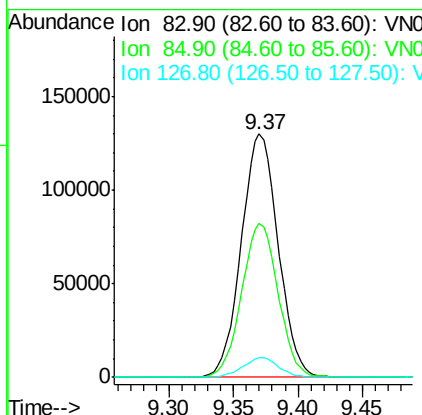
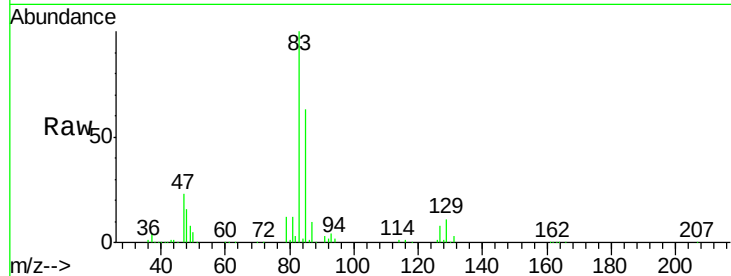
#47
Bromodichloromethane
Concen: 49.424 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	259390		
85	63.2	51.0	76.6	
127	8.1	6.3	9.5	

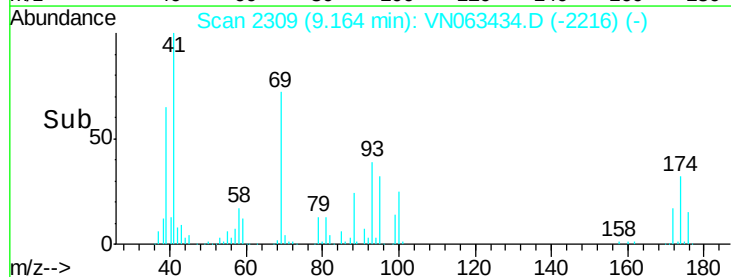
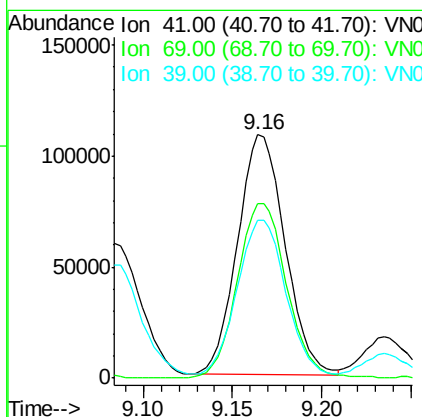
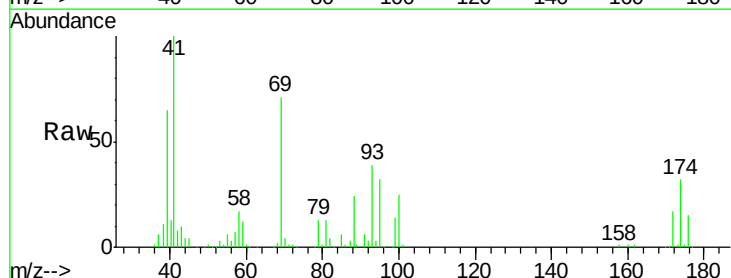
Manual Integrations
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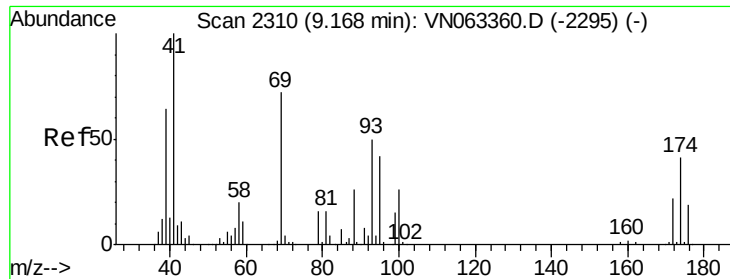
MMDadoda
9/18/2020 10:02:50 AM



#48
Methyl methacrylate
Concen: 47.314 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	201678		
69	75.4	59.3	88.9	
39	67.9	52.9	79.3	





#49

1,4-Dioxane

Concen: 879.644 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 53808

Ion Ratio Lower Upper

88 100

43 37.7 32.6 49.0

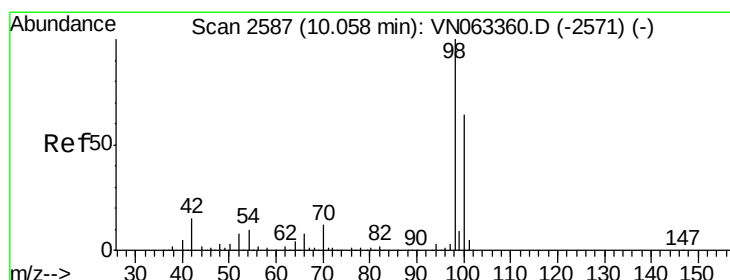
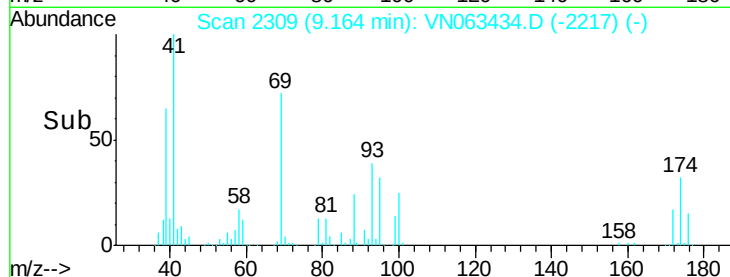
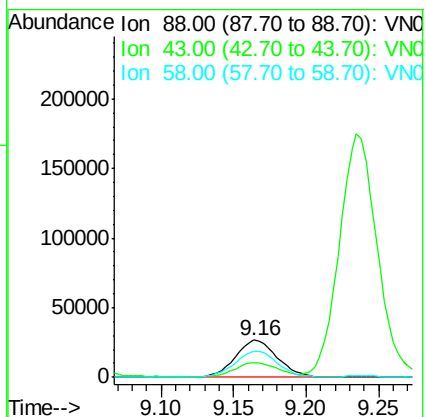
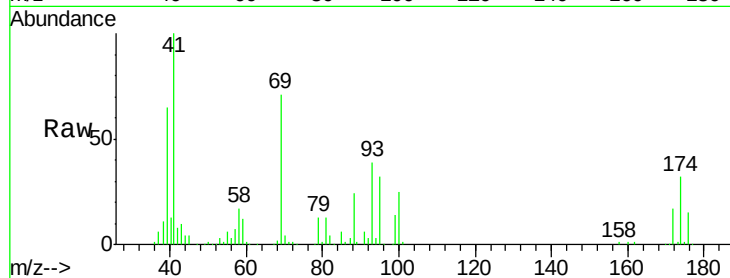
58 72.5 60.0 90.0

Manual Integrations

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9/18/2020 10:02:50 AM



#50

Toluene-d8

Concen: 46.877 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063434.D

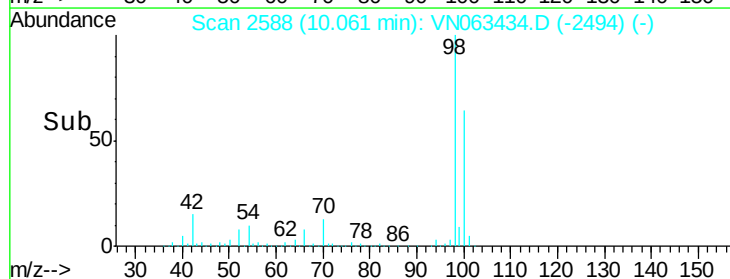
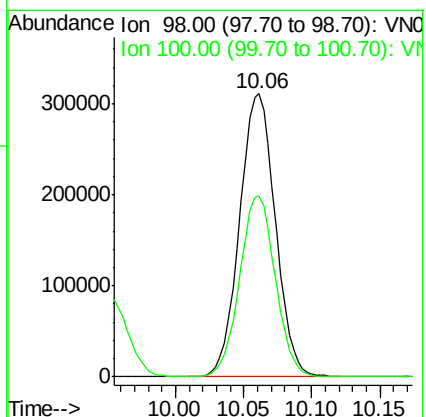
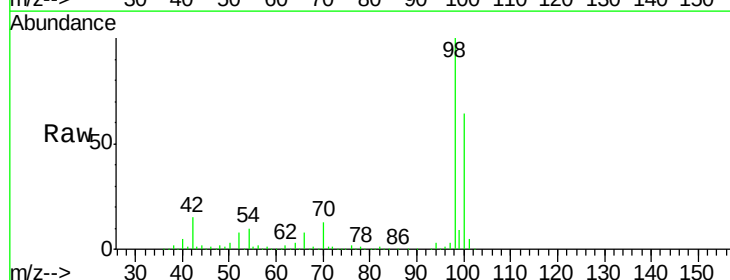
Acq: 17 Sep 2020 21:35

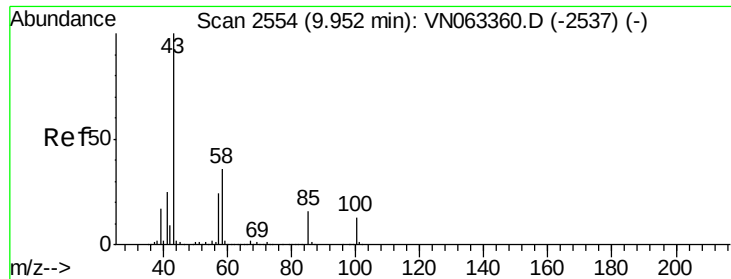
Tgt Ion: 98 Resp: 566246

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 245.774 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1193750

Ion Ratio Lower Upper

43 100

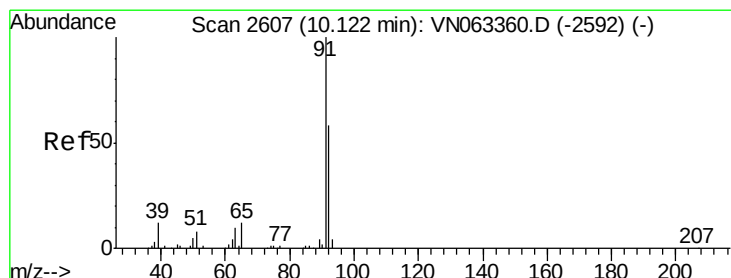
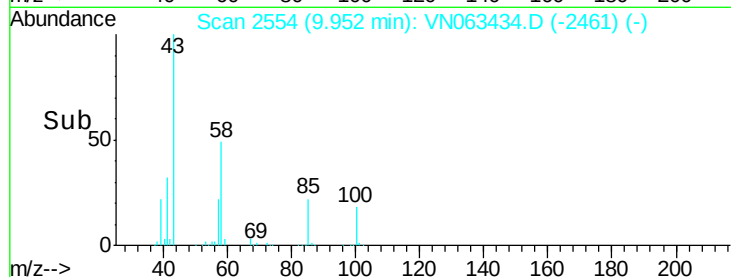
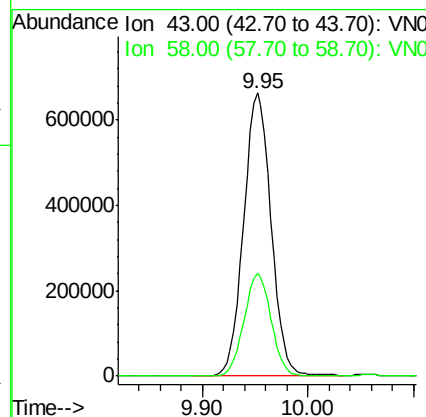
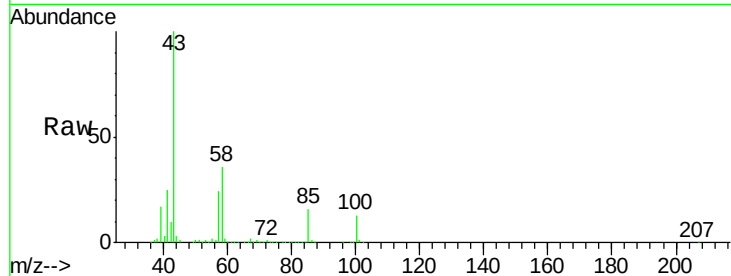
58 36.1 29.0 43.6

Manual Integrations

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#52

Toluene

Concen: 49.788 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063434.D

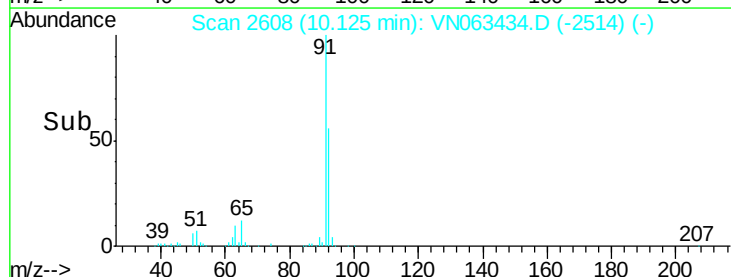
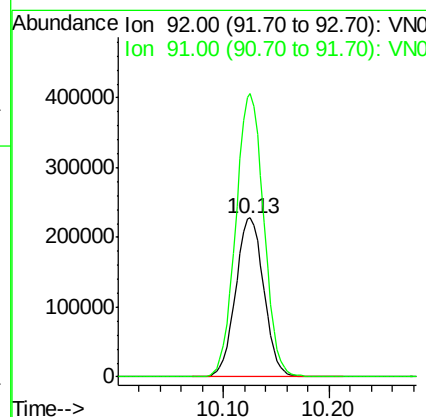
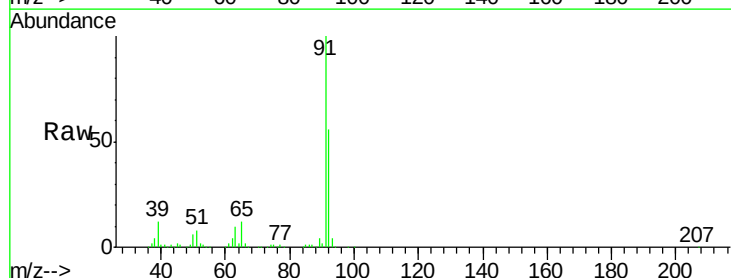
Acq: 17 Sep 2020 21:35

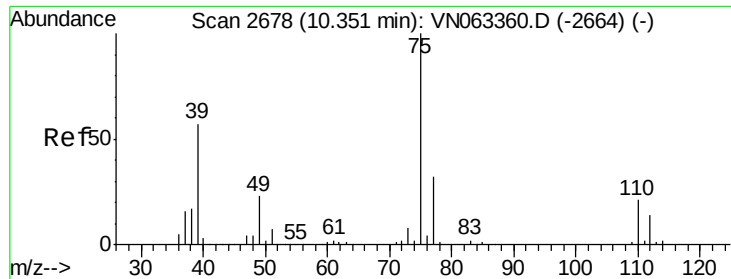
Tgt Ion: 92 Resp: 422450

Ion Ratio Lower Upper

92 100

91 176.8 139.7 209.5





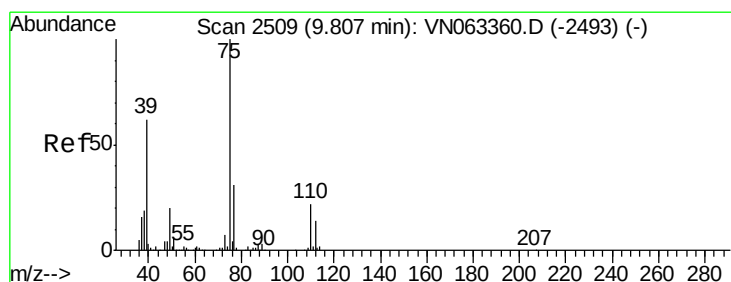
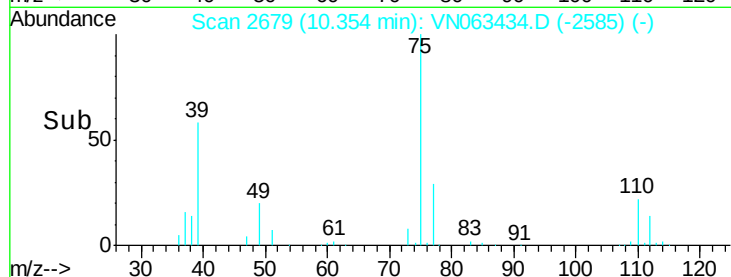
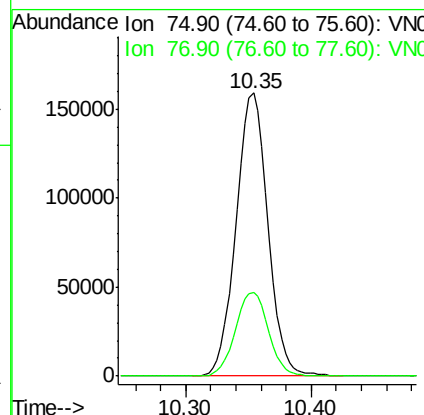
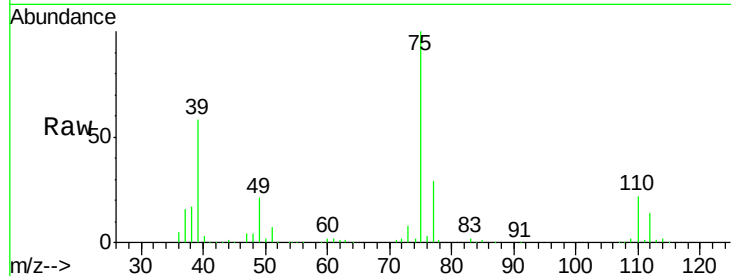
#53
 t-1,3-Dichloropropene
 Concen: 47.806 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 280097
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.2

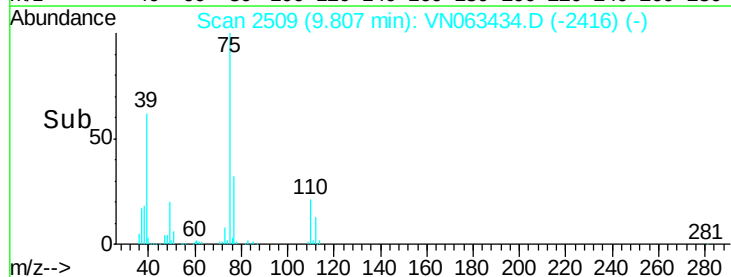
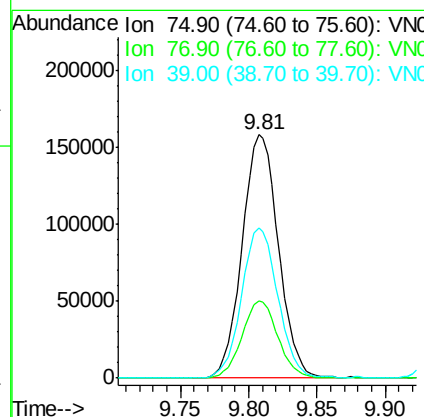
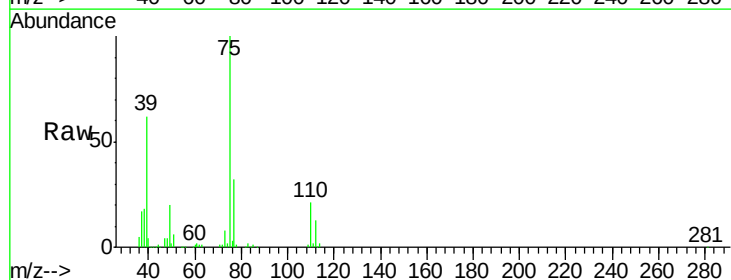
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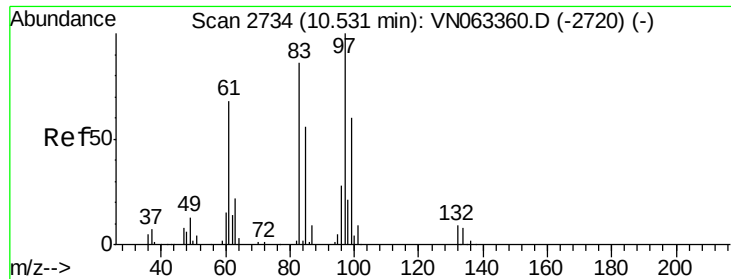
MMDadoda
 9/18/2020 10:02:50 AM



#54
 cis-1,3-Dichloropropene
 Concen: 47.421 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion: 75 Resp: 293069
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 61.7 49.8 74.8





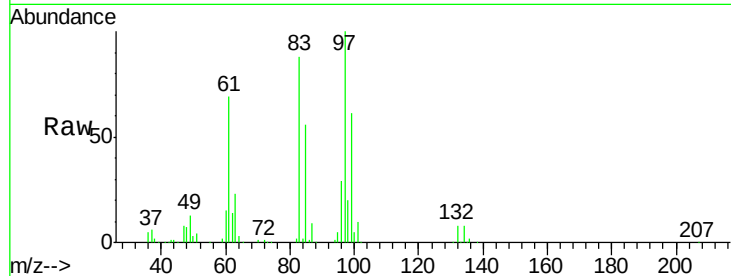
#55
 1,1,2-Trichloroethane
 Concen: 50.509 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.9	103.3
85	55.6	44.8	67.2
99	60.9	47.8	71.8

Manual Integrations
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MMDadoda
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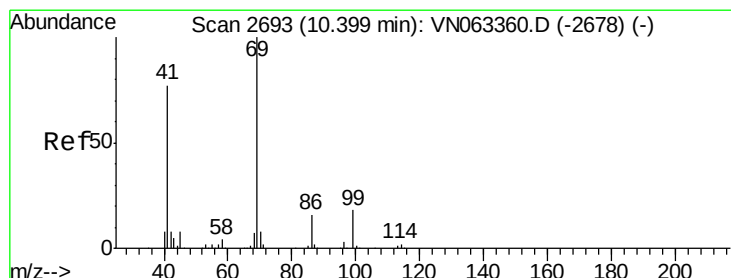
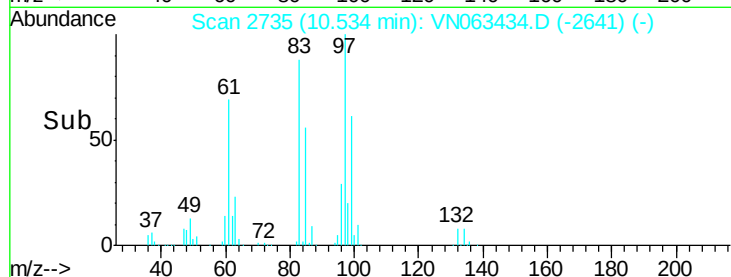
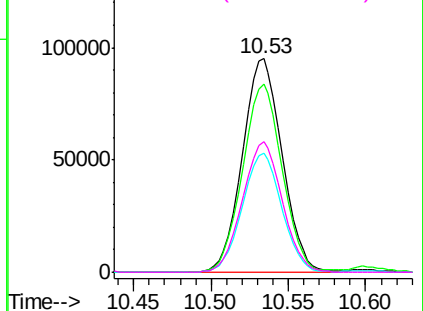


Abundance Ion 96.90 (96.60 to 97.60): VN063360.D (-2720) (-)

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

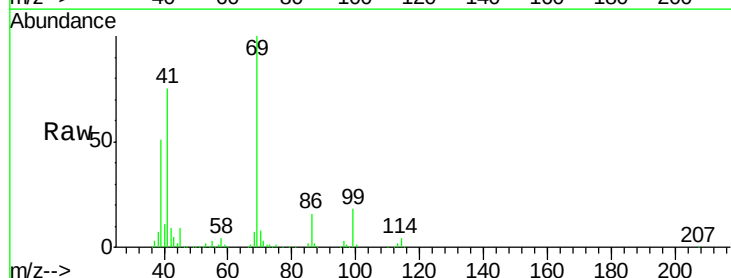
Ion 84.90 (84.60 to 85.60): VN063360.D (-2720) (-)

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



#56
 Ethyl methacrylate
 Concen: 49.654 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

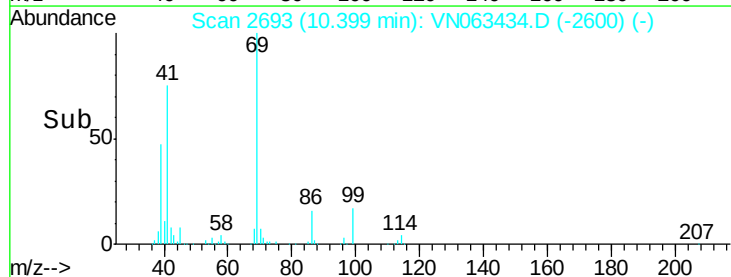
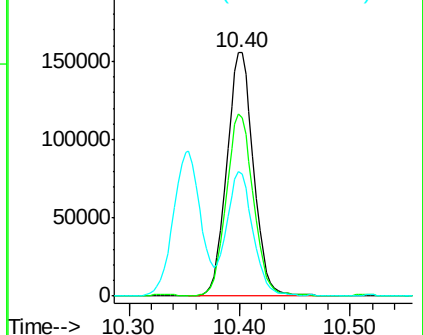
Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.1	61.0	91.6
39	49.9	39.2	58.8

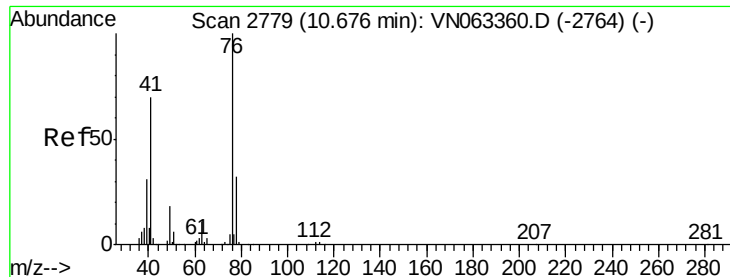


Abundance Ion 69.00 (68.70 to 69.70): VN063360.D (-2678) (-)

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

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





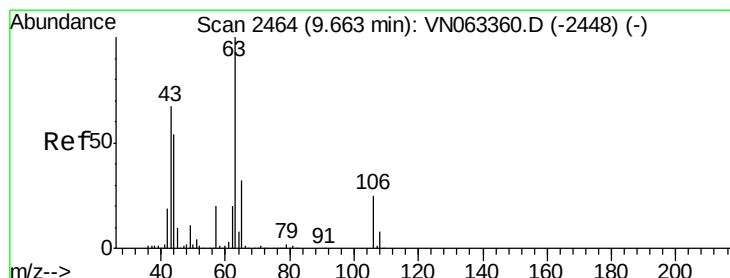
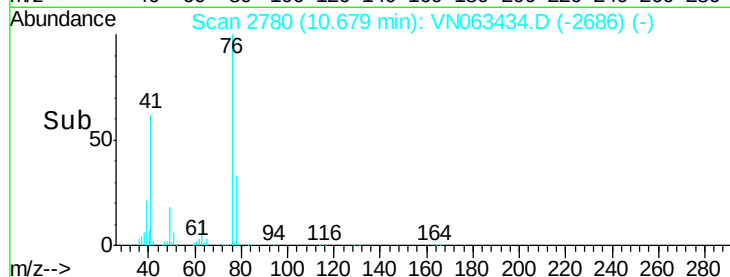
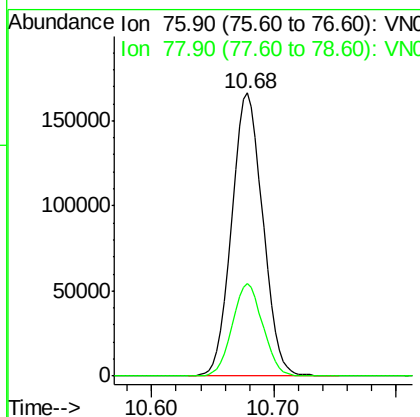
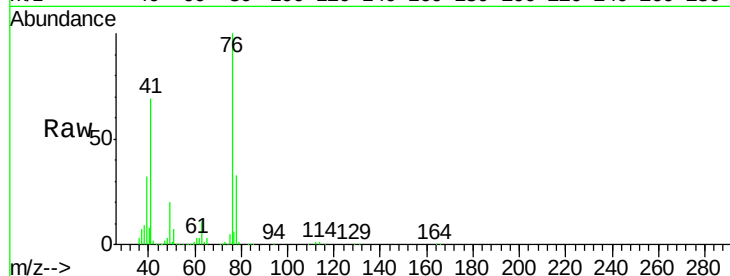
#57
 1,3-Dichloropropane
 Concen: 48.495 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

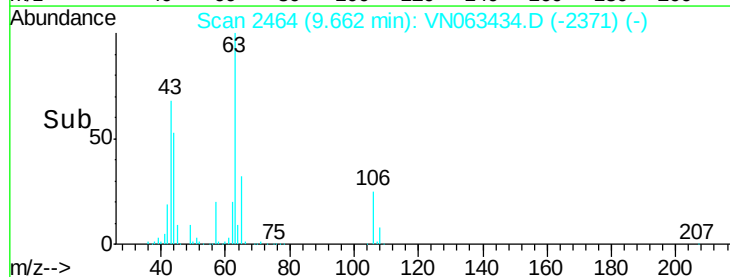
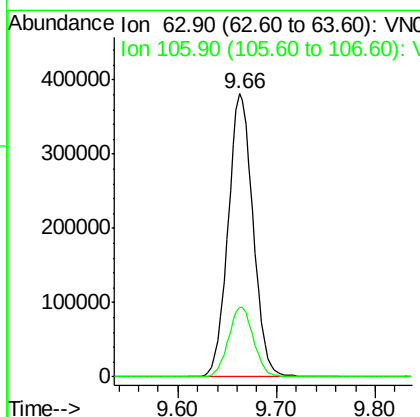
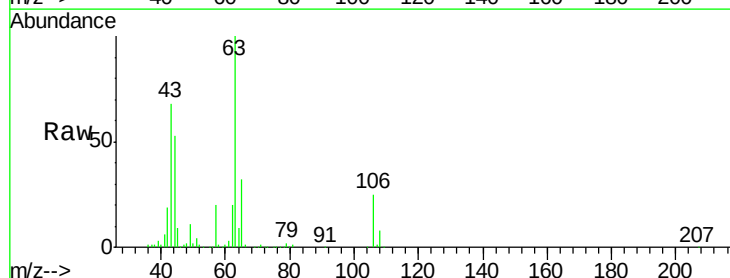
Manual Integrations
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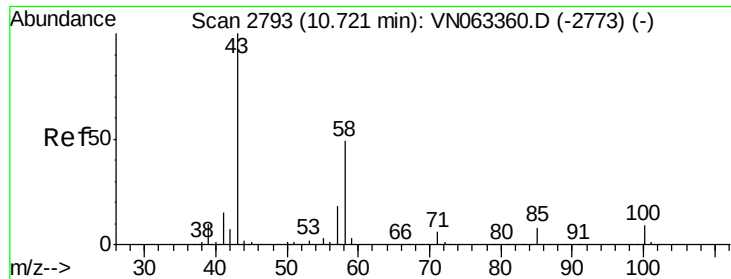
MMDadoda
 9/18/2020 10:02:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.568 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.9	19.5	29.3





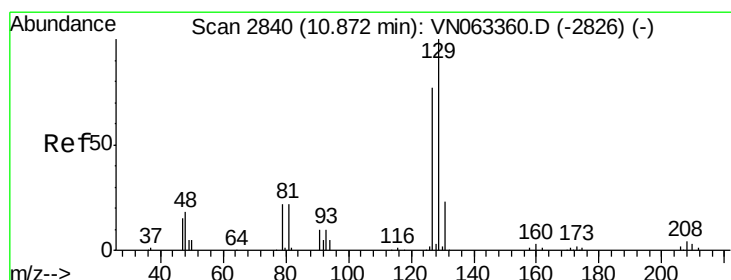
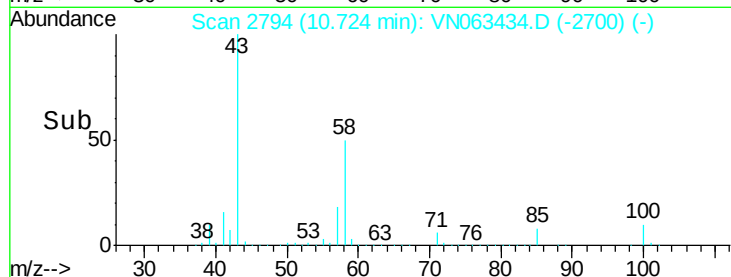
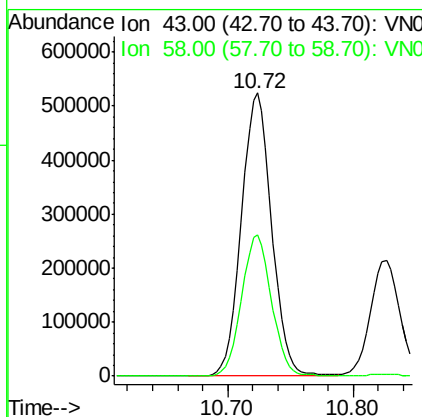
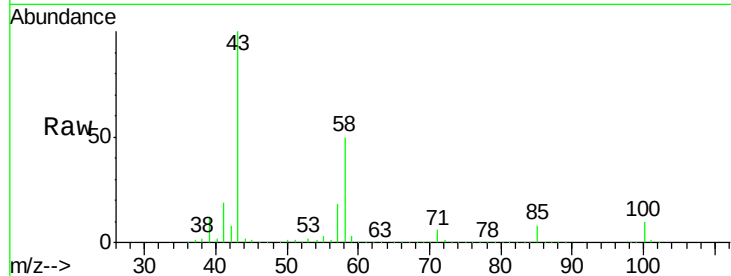
#59
2-Hexanone
Concen: 249.138 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 876674
Ion Ratio Lower Upper
43 100
58 49.7 24.7 74.1

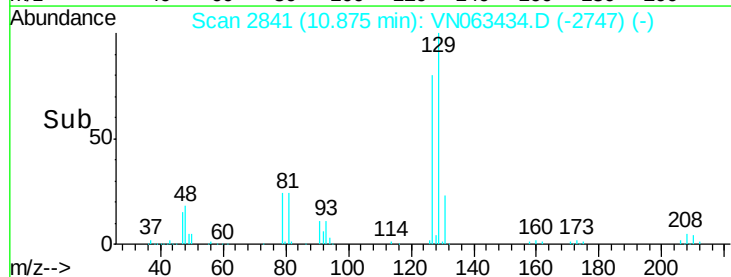
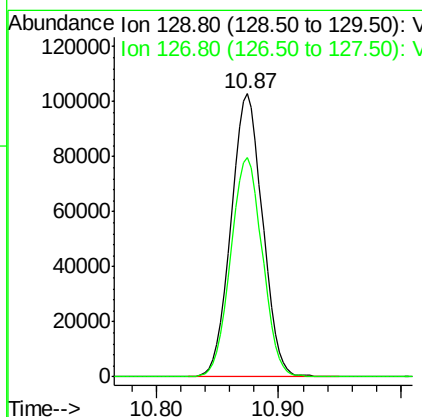
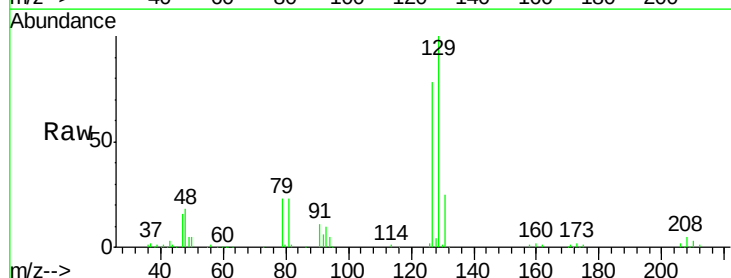
Manual Integrations
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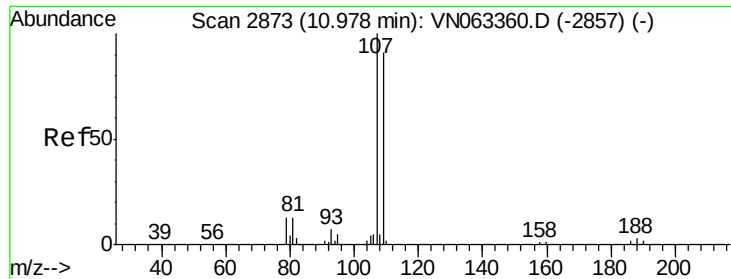
MMDadoda
9/18/2020 10:02:50 AM



#60
Dibromochloromethane
Concen: 48.632 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 129 Resp: 185164
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





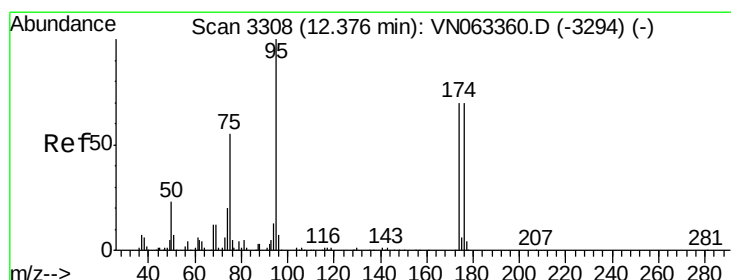
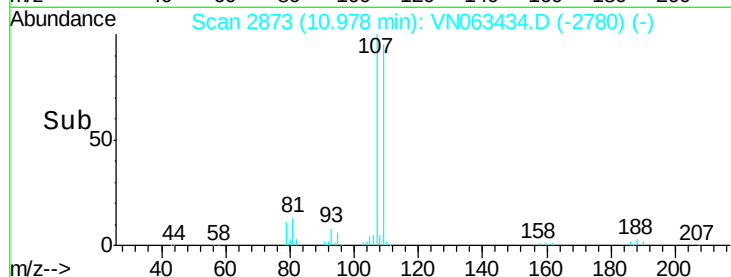
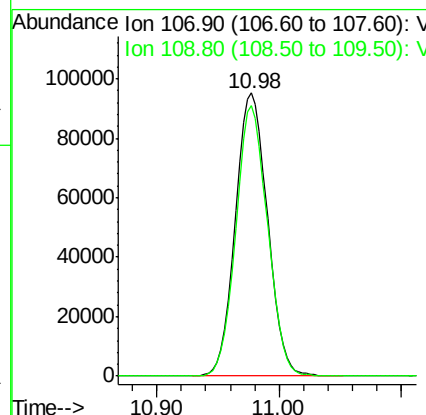
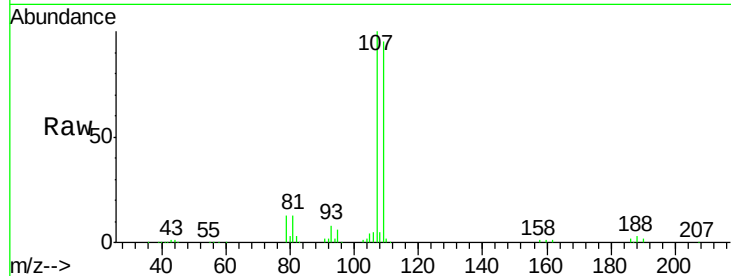
#61
 1,2-Dibromoethane
 Concen: 49.830 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	74.6	111.8

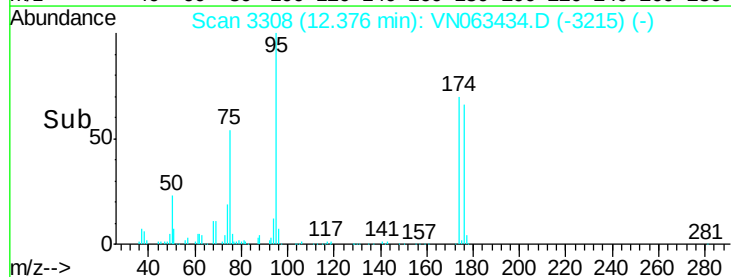
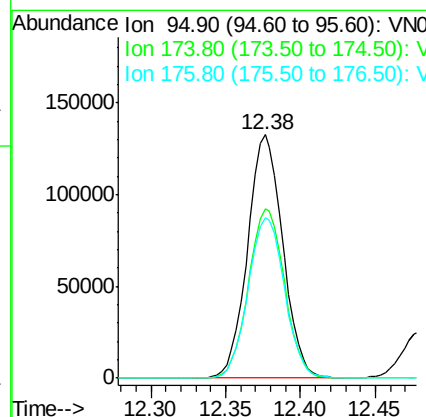
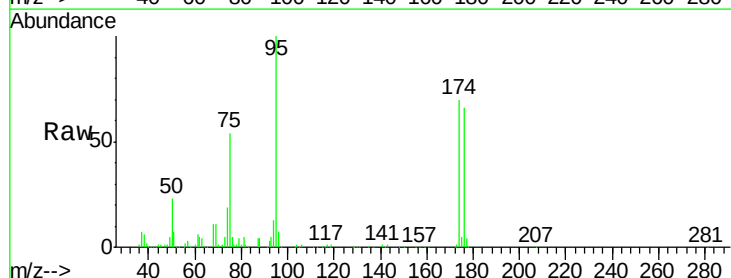
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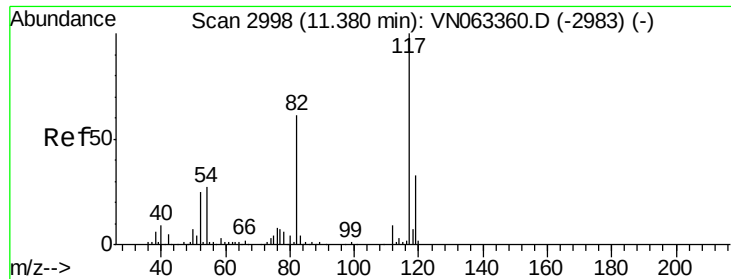
MMDadoda
 9/18/2020 10:02:50 AM



#62
 4-Bromofluorobenzene
 Concen: 48.960 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	140.8
176	68.4	0.0	137.6





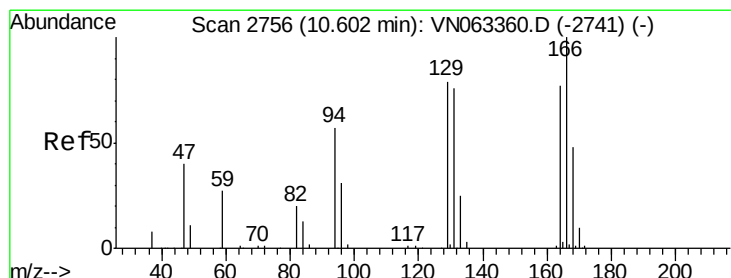
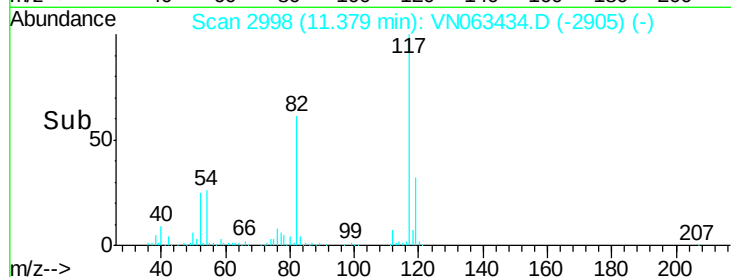
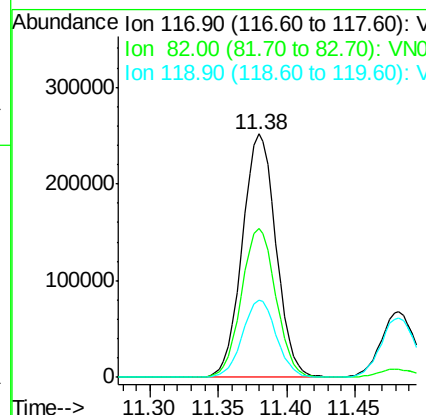
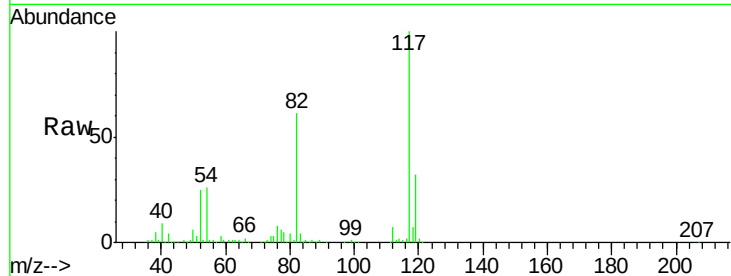
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	432908		
82	61.3	49.2	73.8	
119	31.9	26.2	39.4	

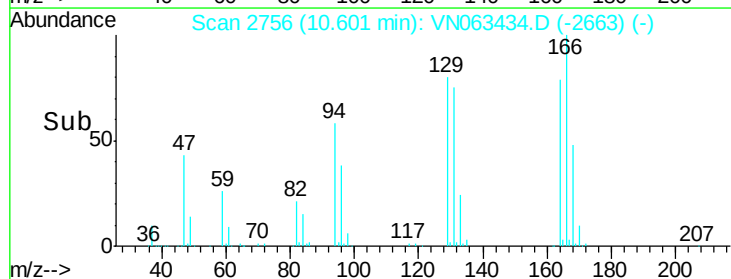
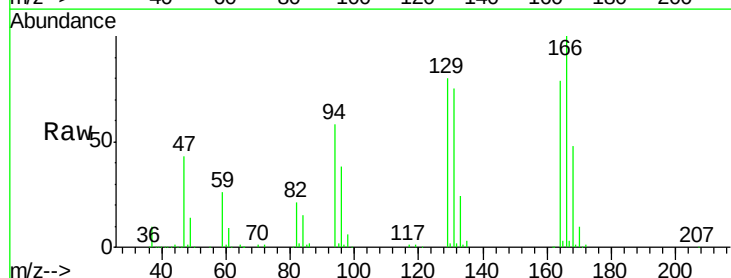
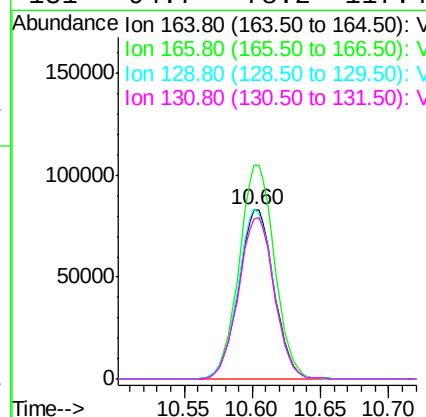
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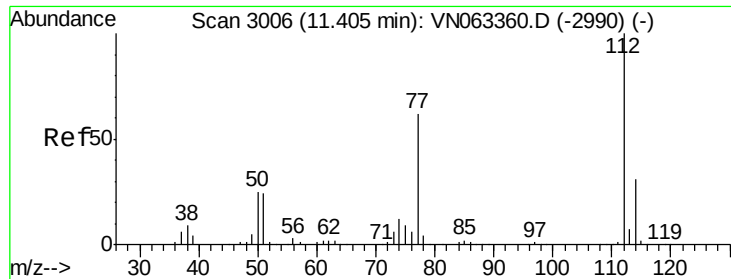
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#64
Tetrachloroethene
Concen: 50.746 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149589		
166	126.0	103.4	155.0	
129	100.4	81.8	122.6	
131	94.7	78.2	117.4	





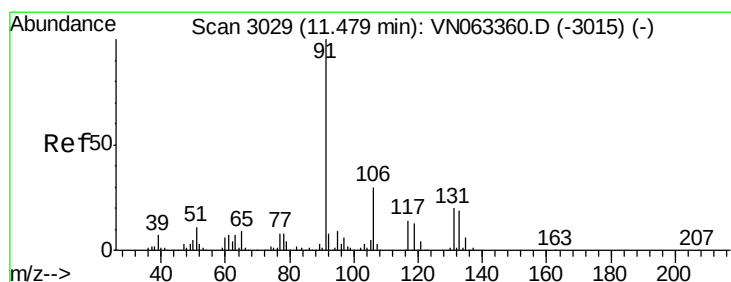
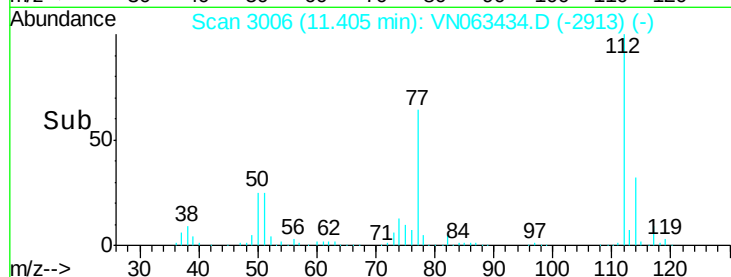
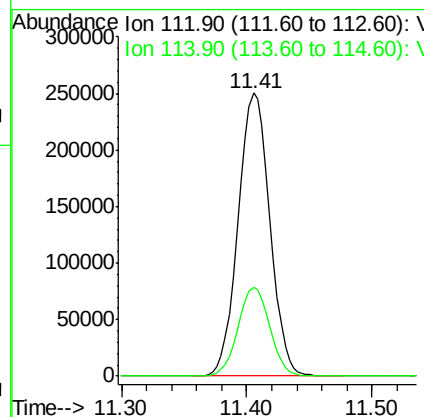
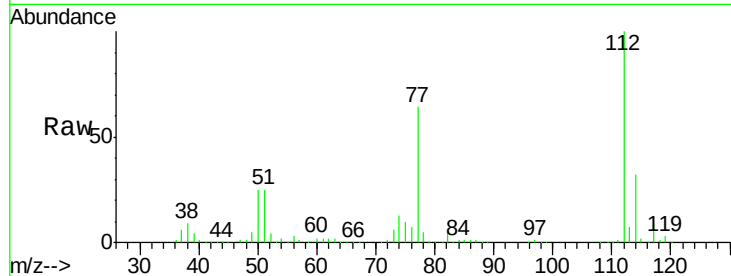
#65
Chlorobenzene
Concen: 47.920 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 440358
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6

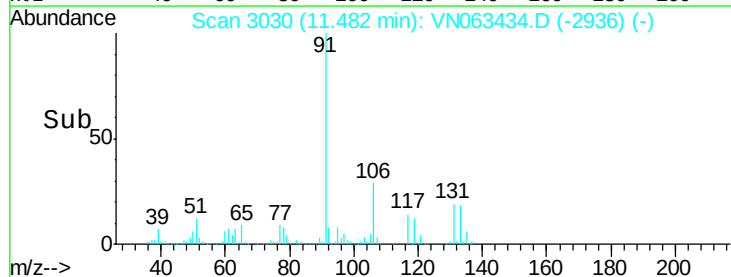
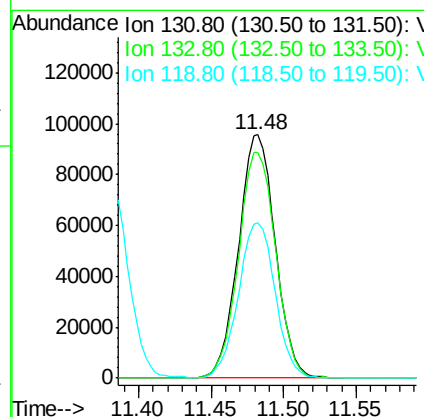
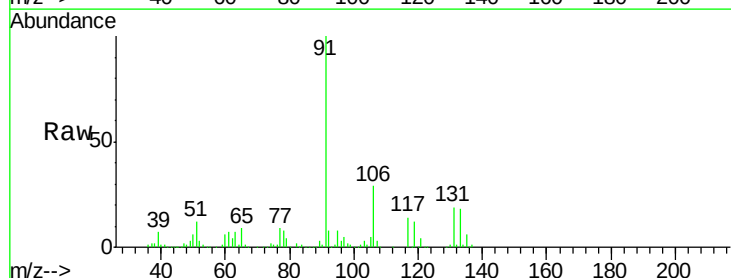
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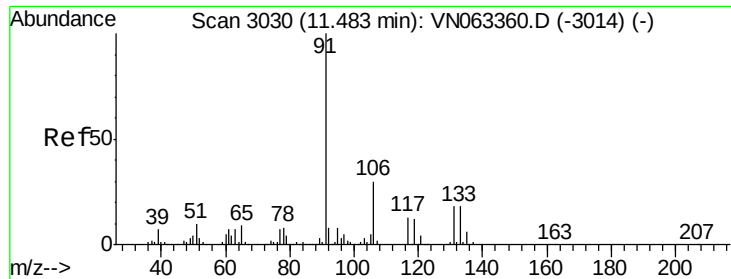
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.892 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion:131 Resp: 168063
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 63.7 33.6 100.8





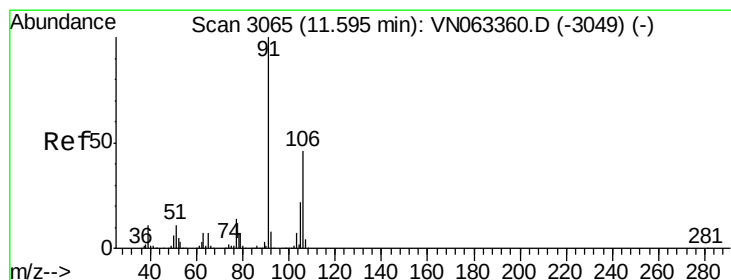
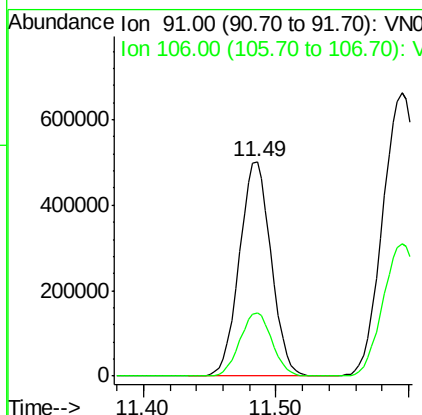
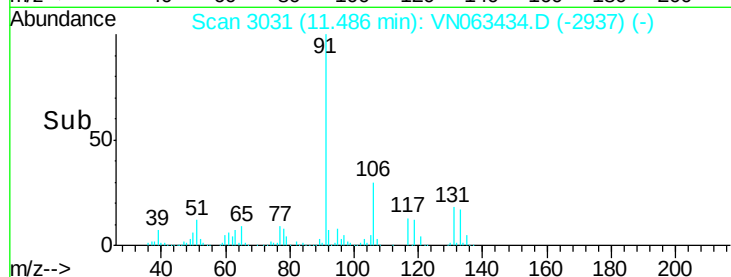
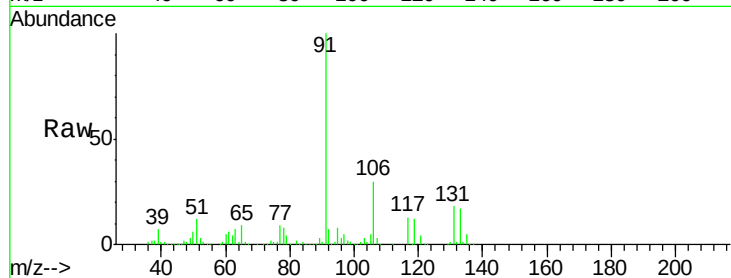
#67
Ethyl Benzene
Concen: 48.158 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 833400
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

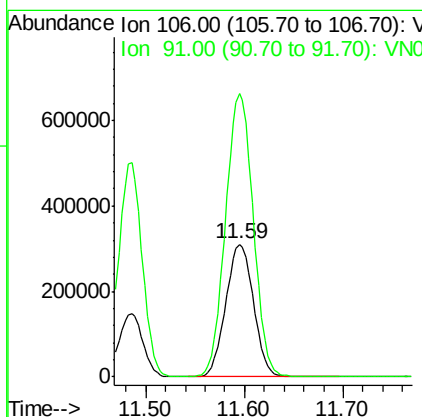
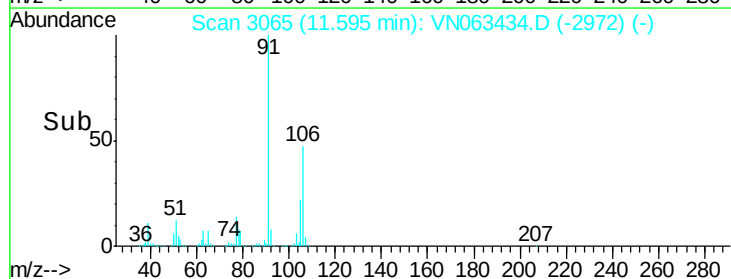
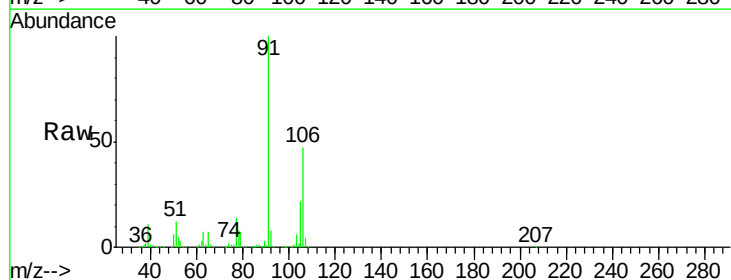
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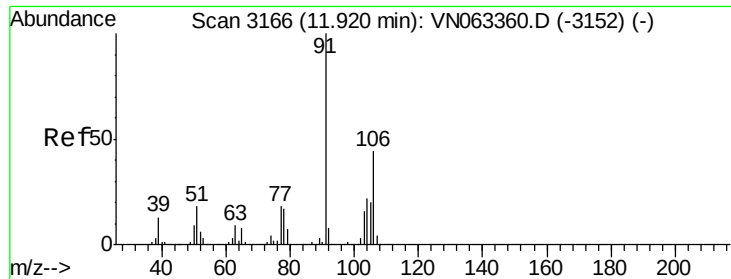
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#68
m/p-Xylenes
Concen: 98.108 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 106 Resp: 612142
Ion Ratio Lower Upper
106 100
91 211.9 171.2 256.8





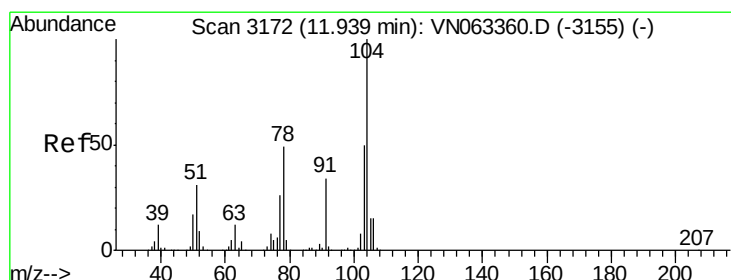
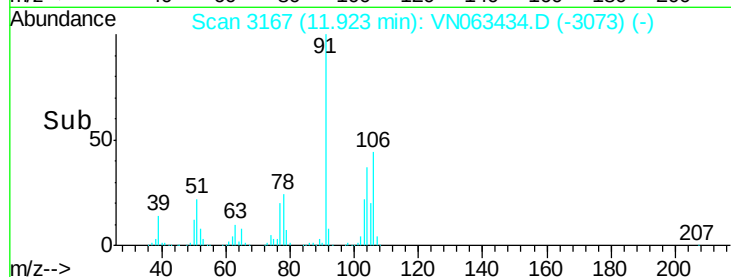
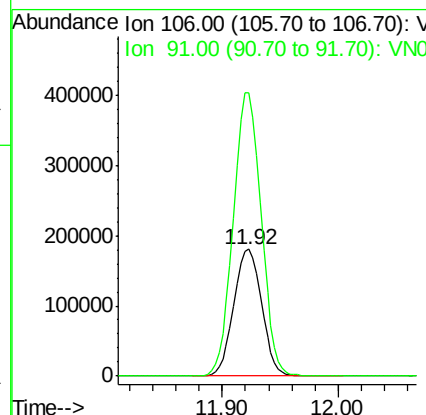
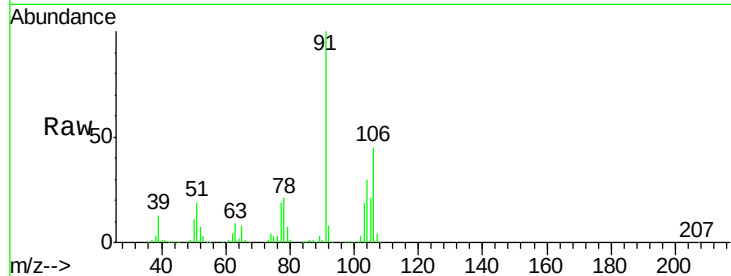
#69
o-Xylene
Concen: 50.529 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		300330		
91	222.9	113.6	340.8		

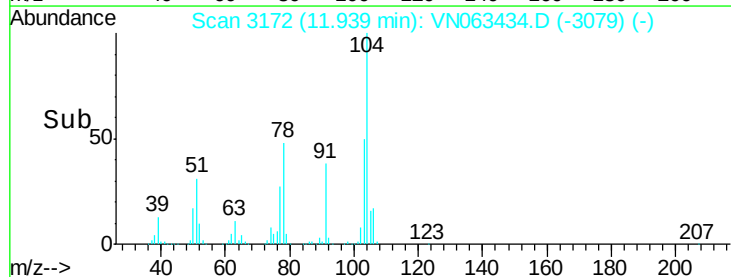
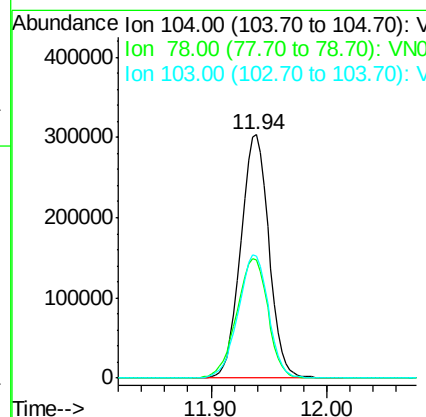
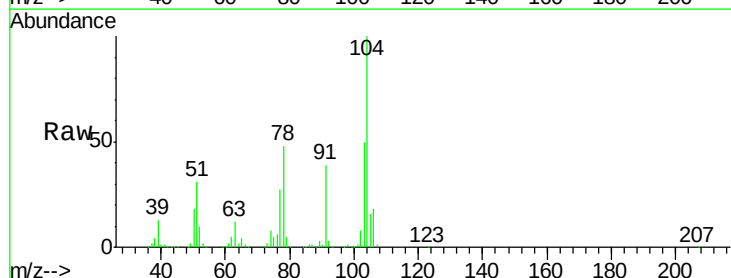
Manual Integrations
APPROVED

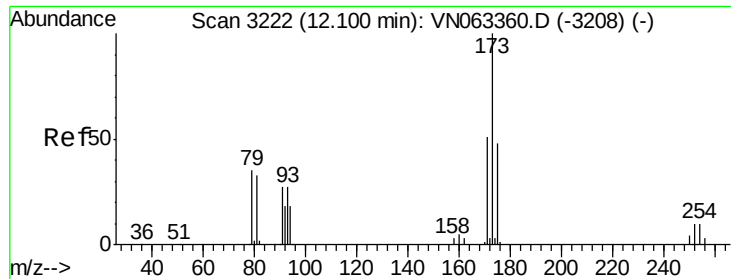
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#70
Styrene
Concen: 51.398 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		512315		
78	54.6	44.4	66.6		
103	54.5	43.7	65.5		





#71

Bromoform

Concen: 48.906 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

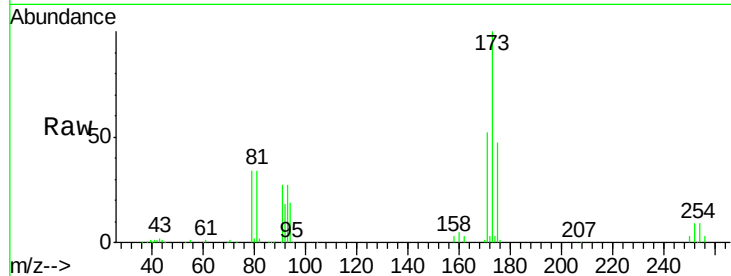
ClientSampleId :

VSTDCCC050

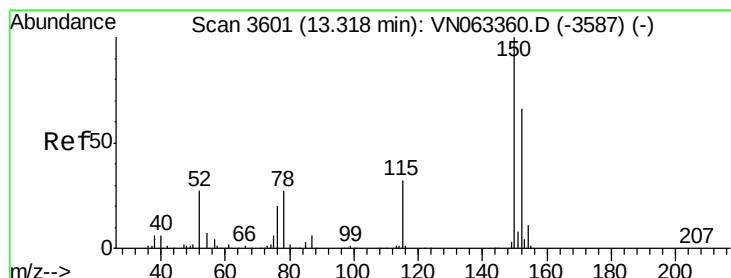
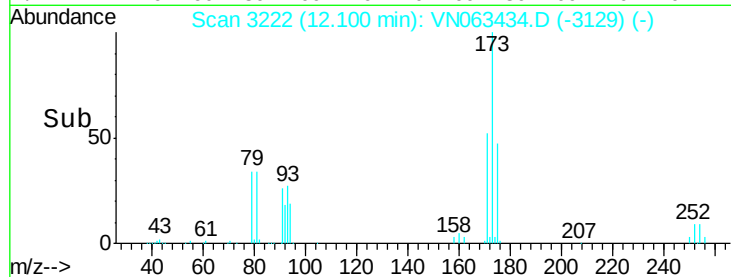
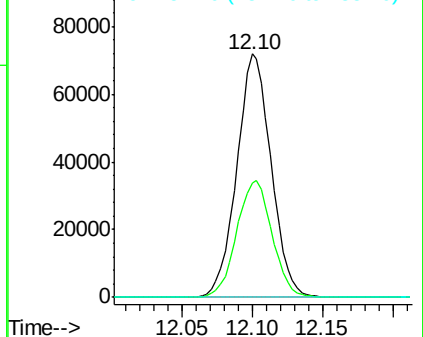
Tot Ion:	173	Resp:	122726
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.0	72.0
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

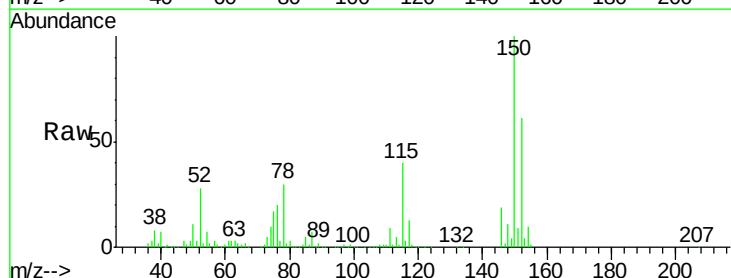
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

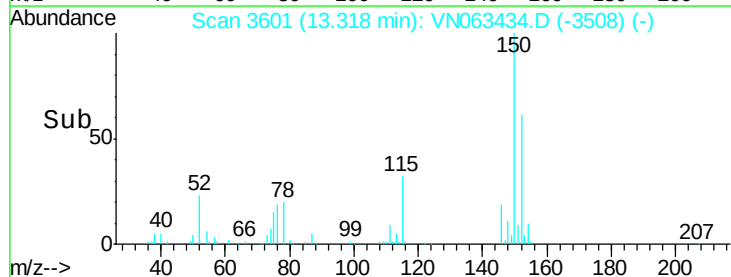
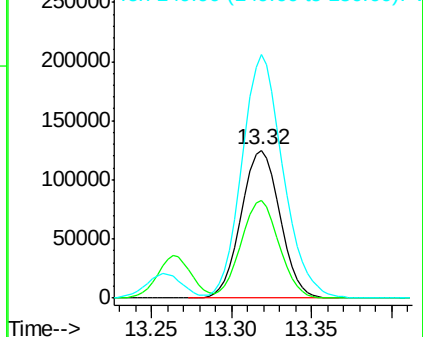
Lab File: VN063434.D

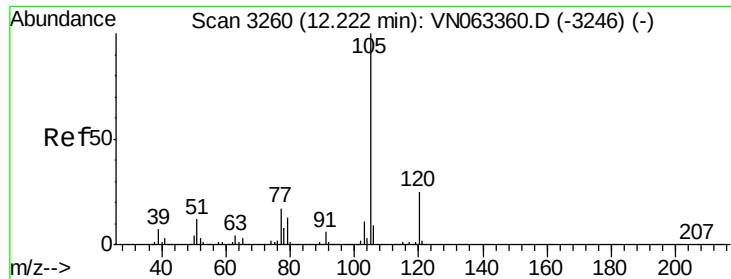
Acq: 17 Sep 2020 21:35

Tgt Ion:	152	Resp:	207167
Ion Ratio	Lower	Upper	
152	100		
115	64.8	32.2	96.6
150	174.2	0.0	343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.811 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 810315

Ion Ratio Lower Upper

105 100

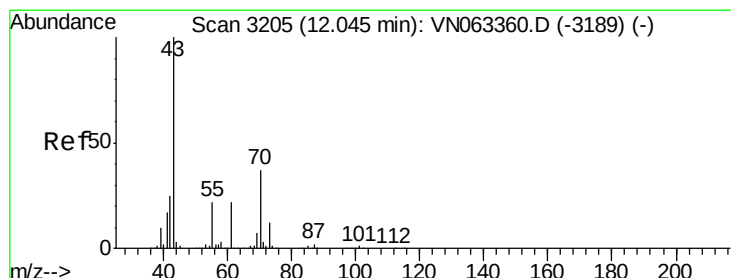
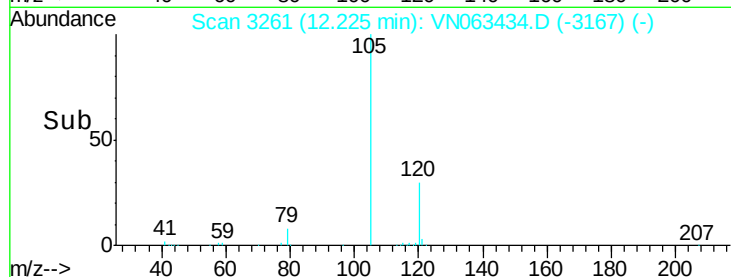
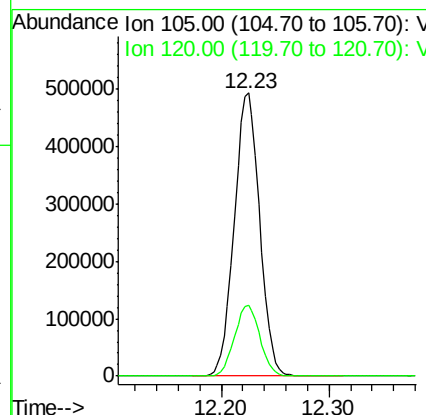
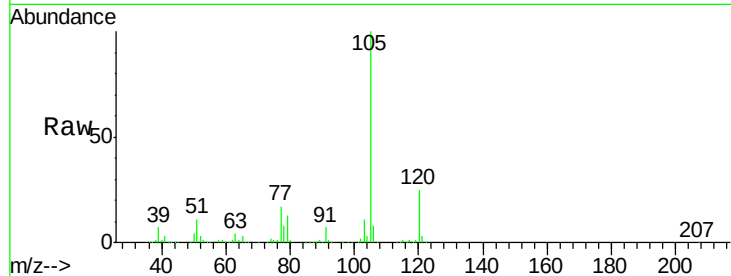
120 25.1 12.7 38.0

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#74

N-ethyl acetate

Concen: 46.817 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Tgt Ion: 43 Resp: 367912

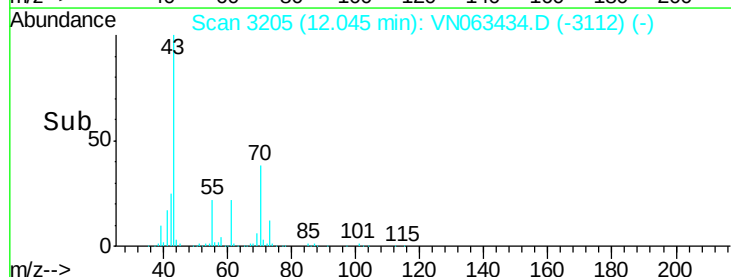
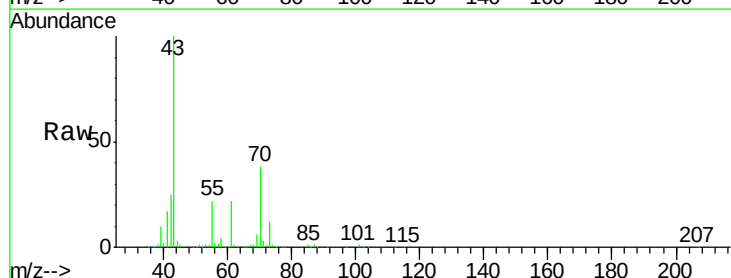
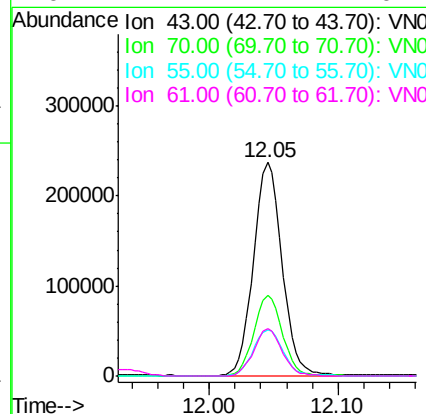
Ion Ratio Lower Upper

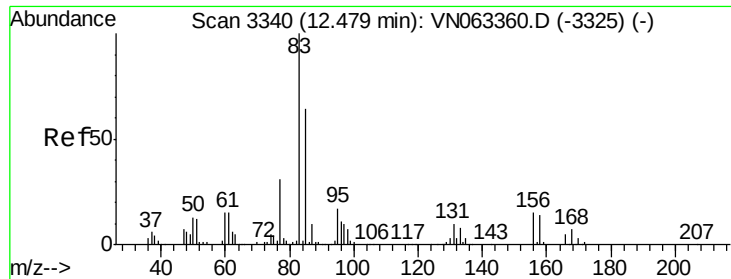
43 100

70 38.2 29.6 44.4

55 22.9 17.7 26.5

61 22.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.321 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

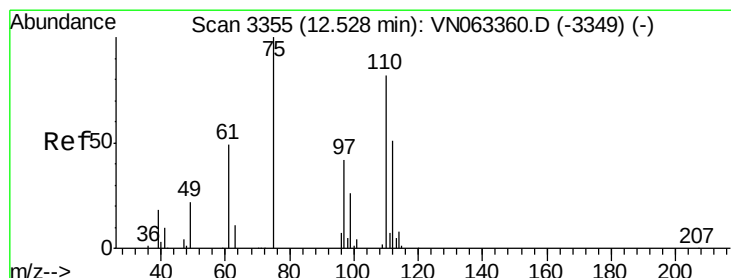
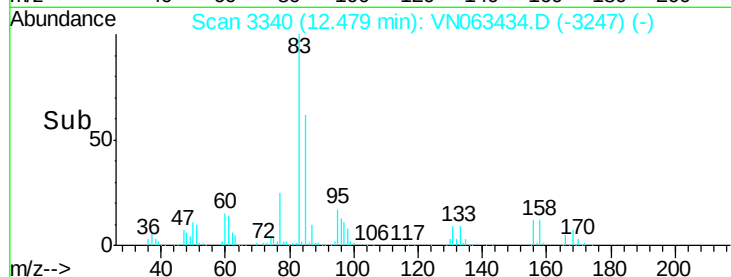
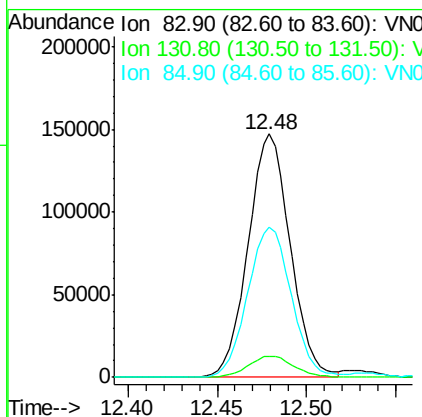
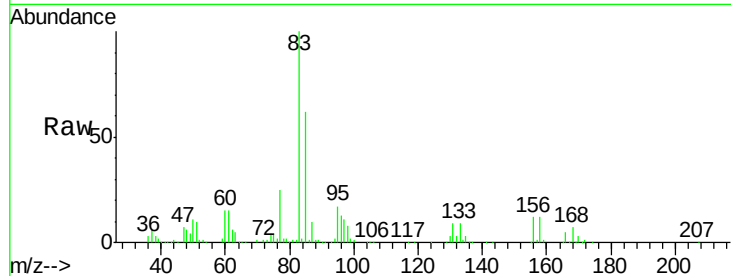
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	243244
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.9	14.7
85	63.9	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 44.535 ug/l m

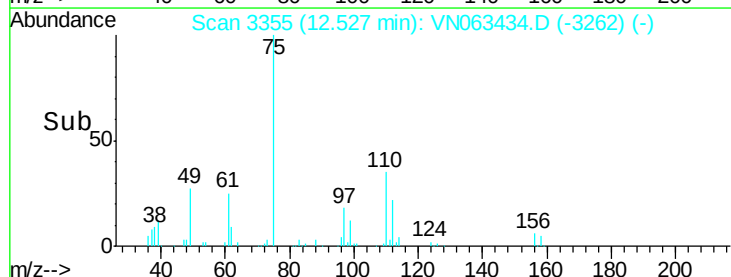
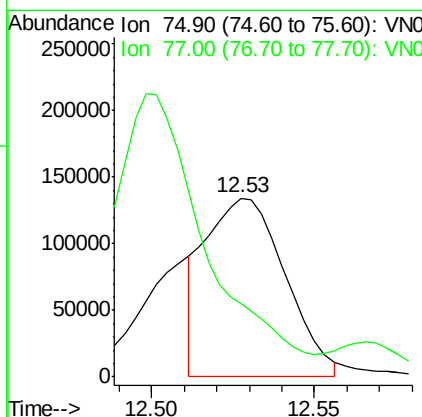
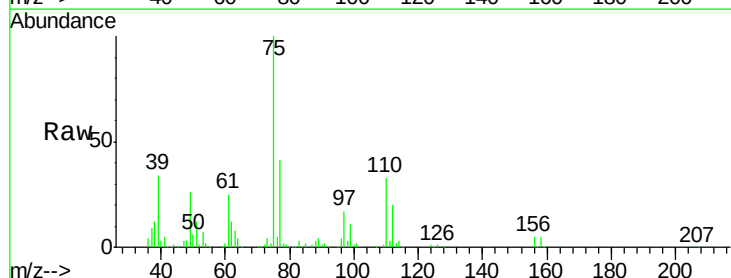
RT: 12.53 min Scan# 3355

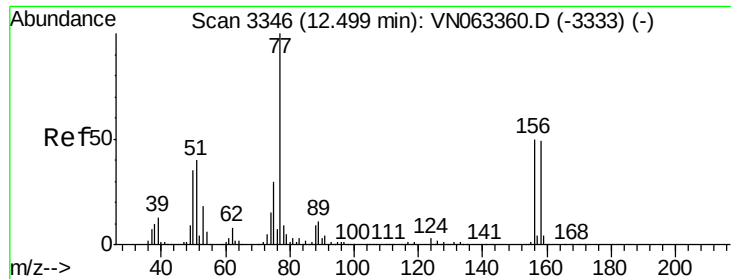
Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Tgt Ion:	75	Resp:	228361
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.519 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:156 Resp: 184919

Ion Ratio Lower Upper

156 100

77 233.9 120.2 360.6

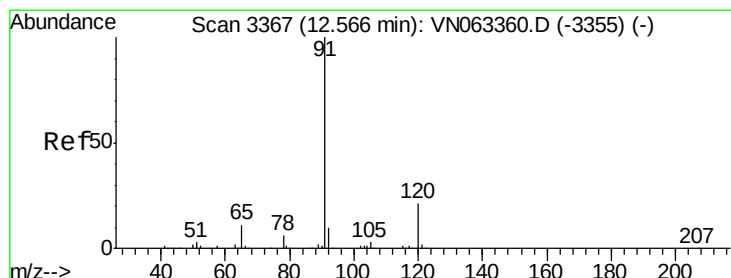
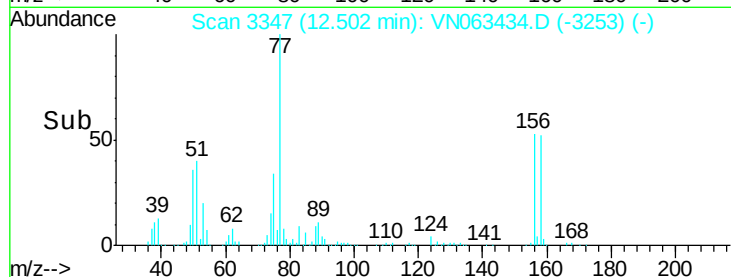
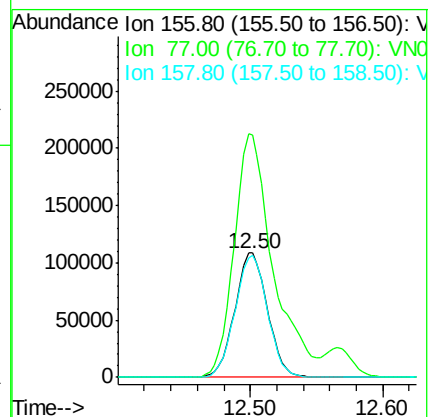
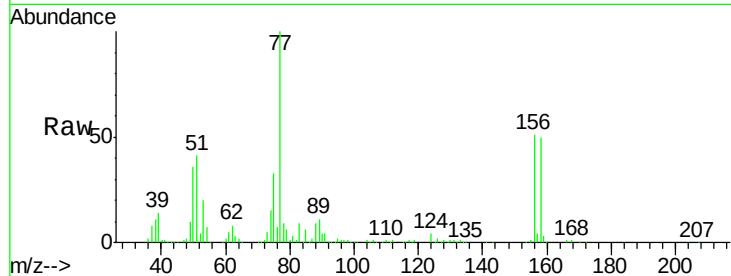
158 97.6 48.9 146.6

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#78

n-propylbenzene

Concen: 48.735 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063434.D

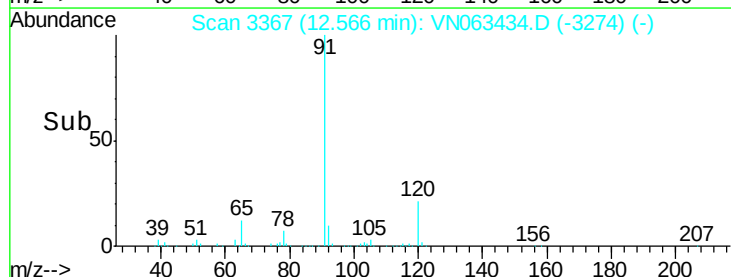
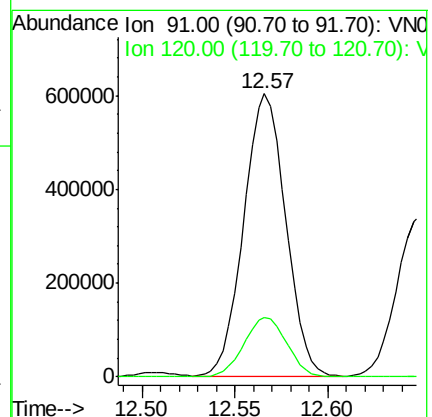
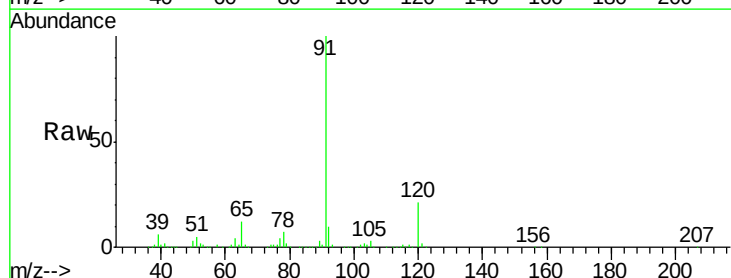
Acq: 17 Sep 2020 21:35

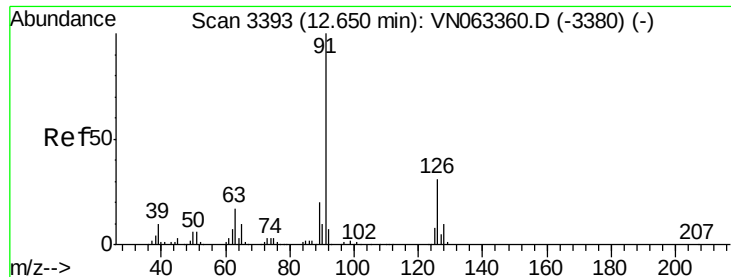
Tgt Ion: 91 Resp: 942327

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.3





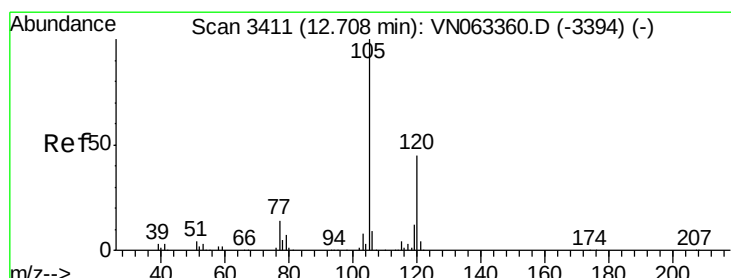
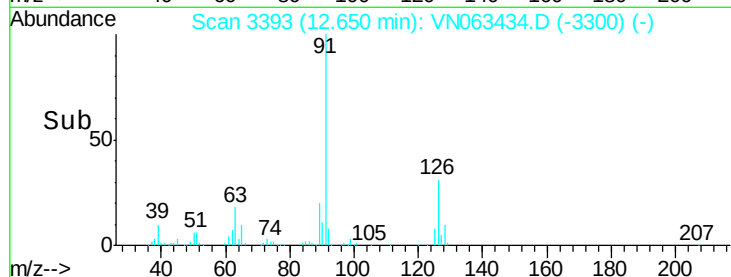
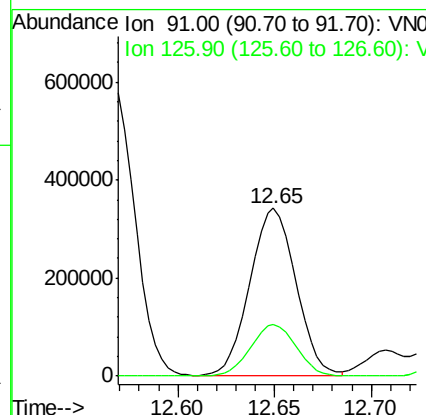
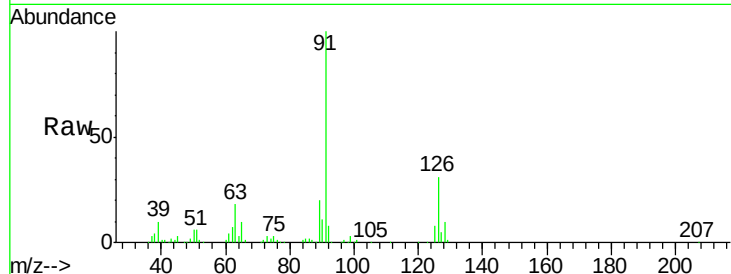
#79
2-Chlorotoluene
Concen: 48.649 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.8	47.3

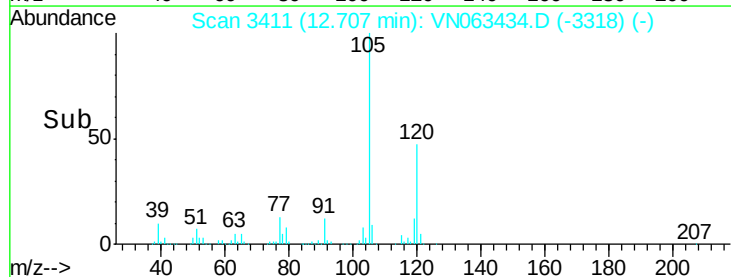
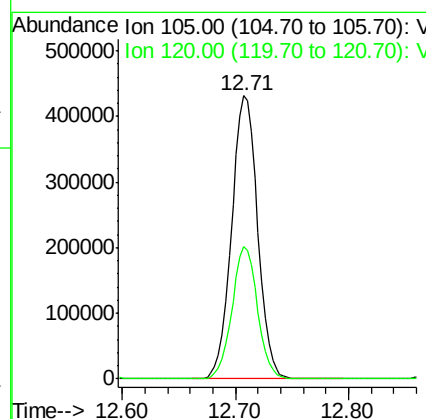
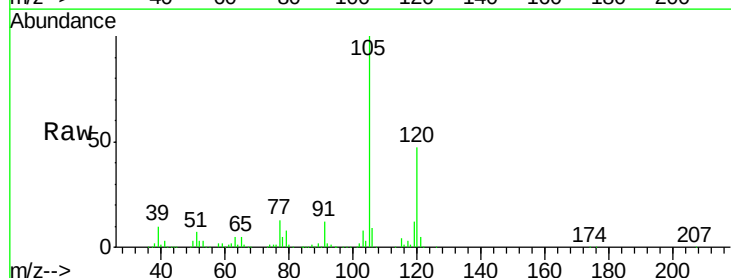
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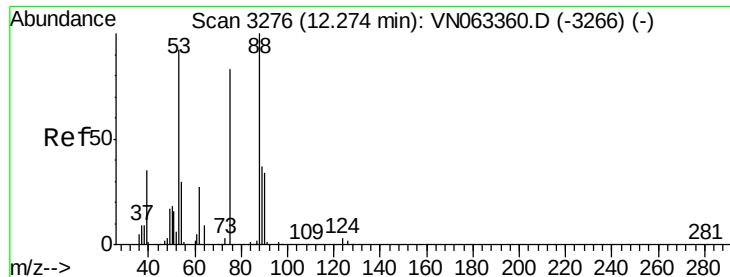
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 49.663 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.258 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 82776

Ion Ratio Lower Upper

75 100

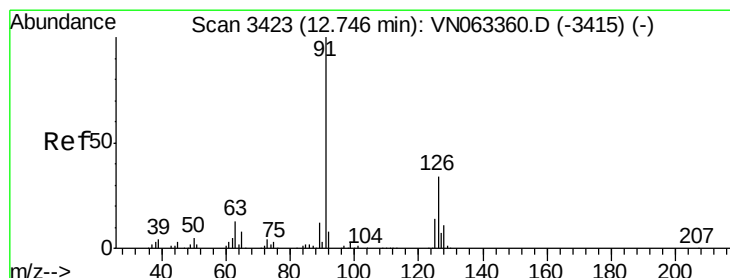
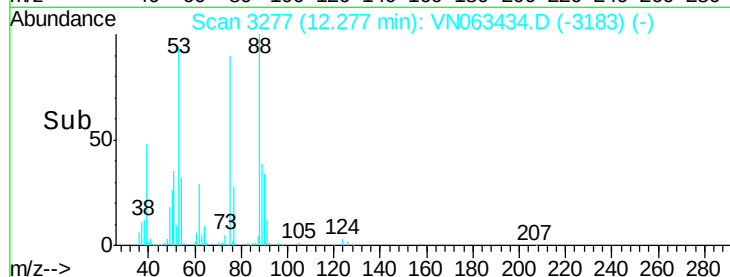
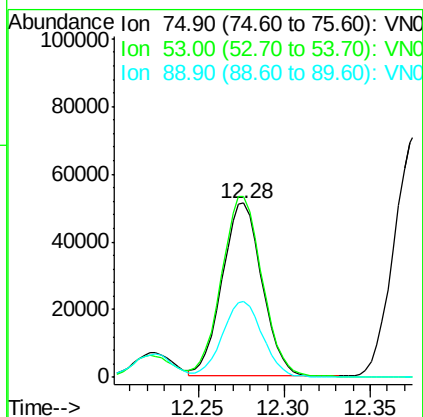
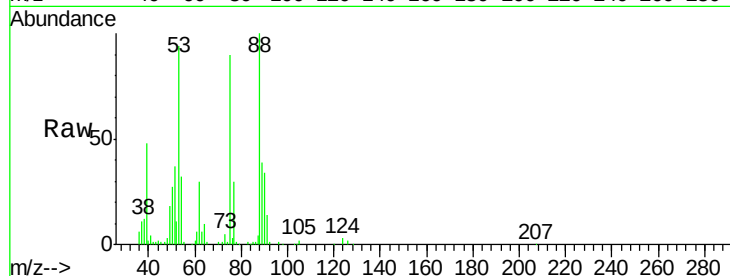
53 108.0 85.7 128.5

89 44.4 38.0 57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.197 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063434.D

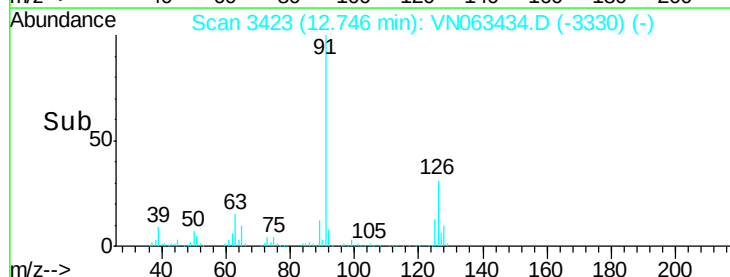
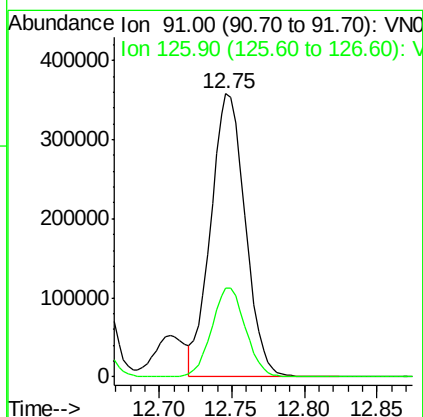
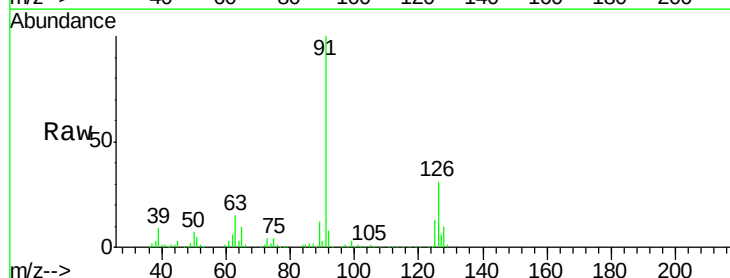
Acq: 17 Sep 2020 21:35

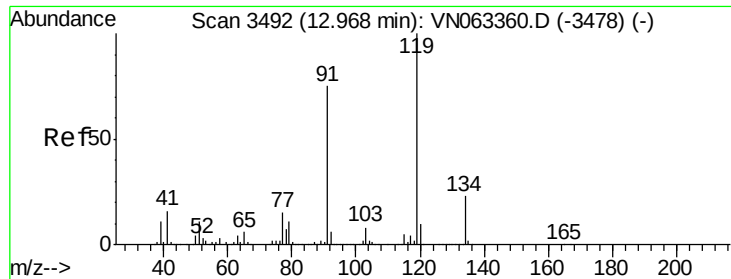
Tgt Ion: 91 Resp: 590245

Ion Ratio Lower Upper

91 100

126 31.2 15.5 46.5





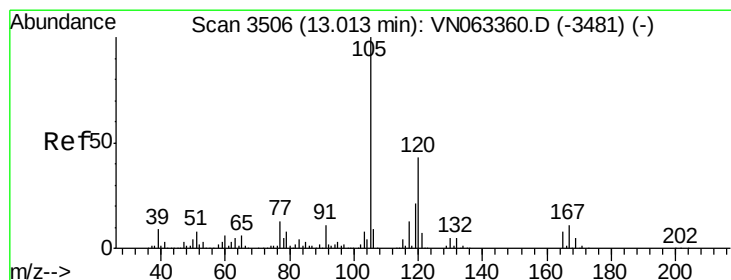
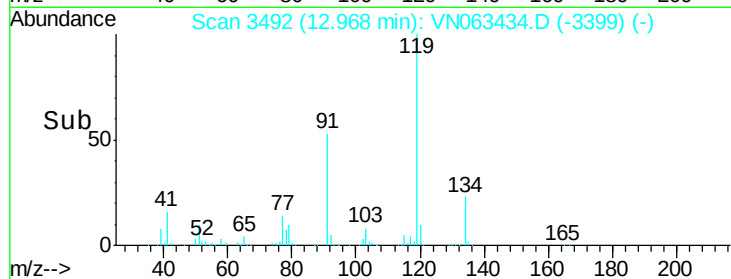
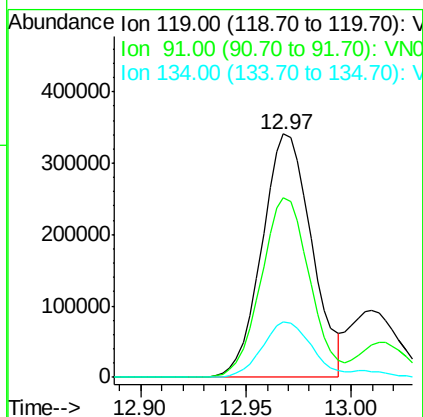
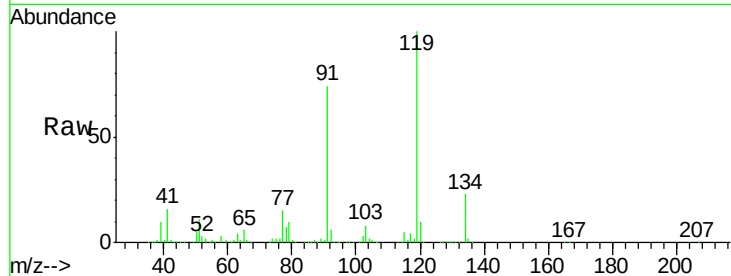
#83
tert-Butylbenzene
Concen: 48.898 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	558681		
91	72.4	36.3	108.9	
134	23.0	12.3	36.8	

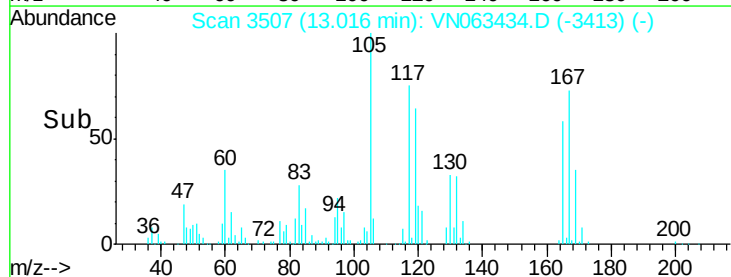
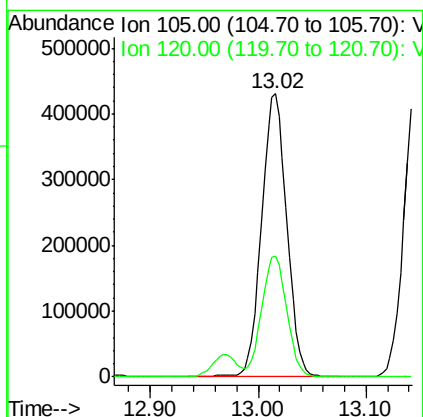
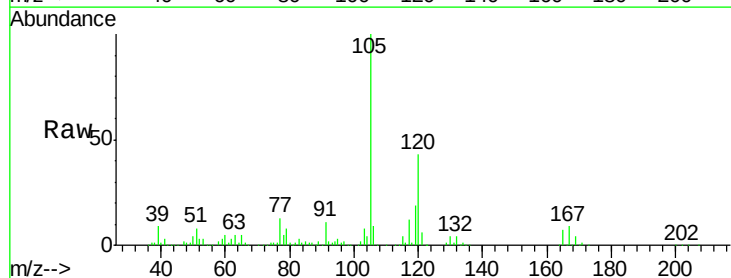
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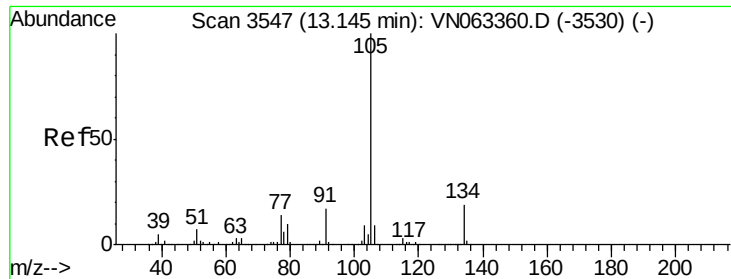
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#84
1,2,4-Trimethylbenzene
Concen: 49.811 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	696494		
120	42.4	21.3	63.9	





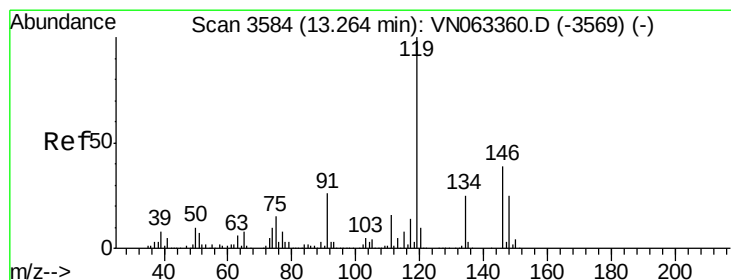
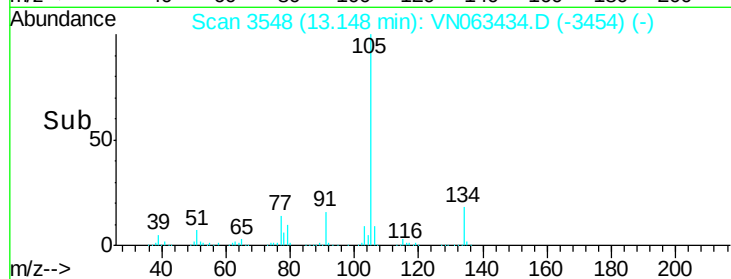
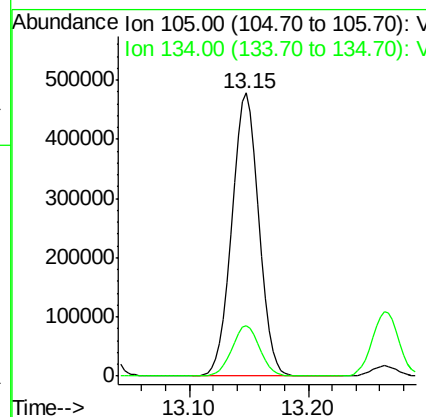
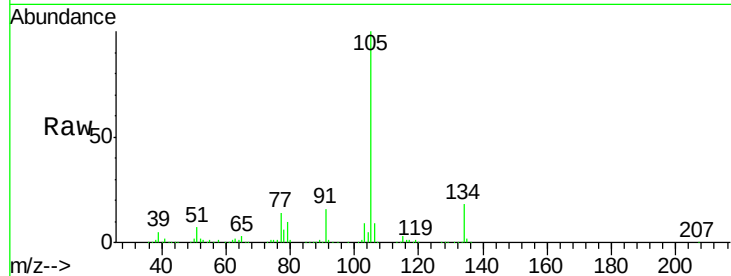
#85
 sec-Butylbenzene
 Concen: 48.918 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.3	9.3	27.7

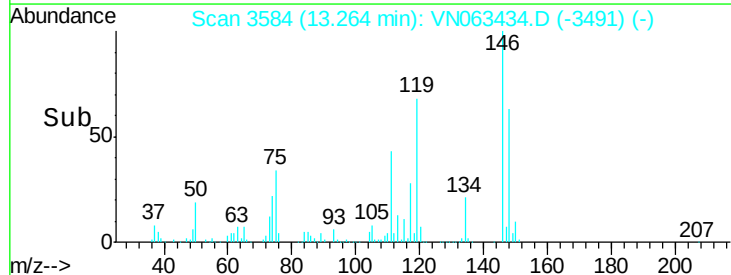
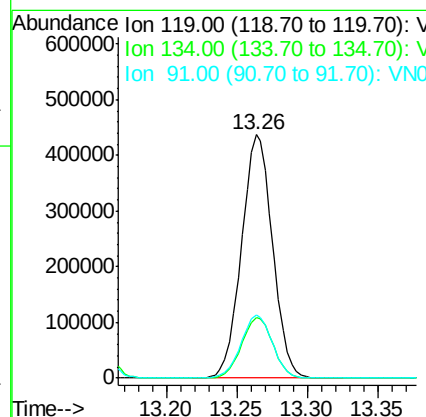
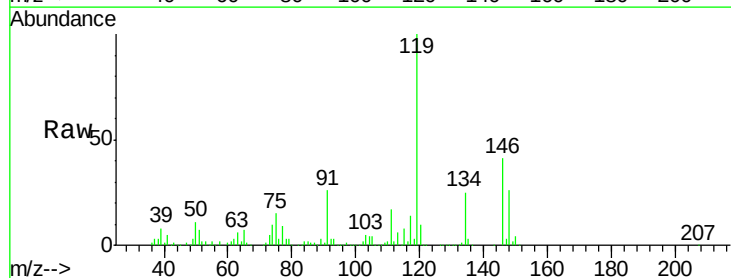
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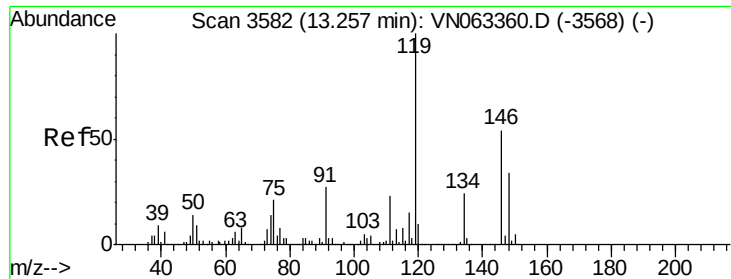
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 9/18/2020 10:02:50 AM



#86
 p-Isopropyltoluene
 Concen: 49.681 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.5	37.5
91	26.2	13.4	40.1





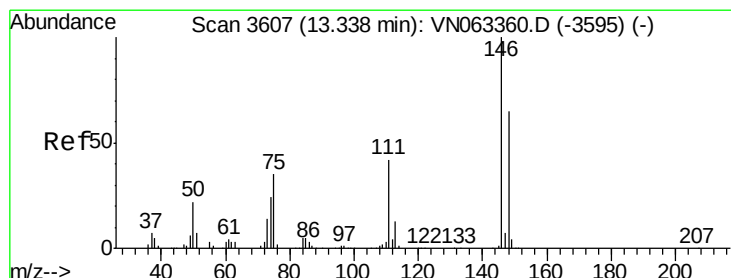
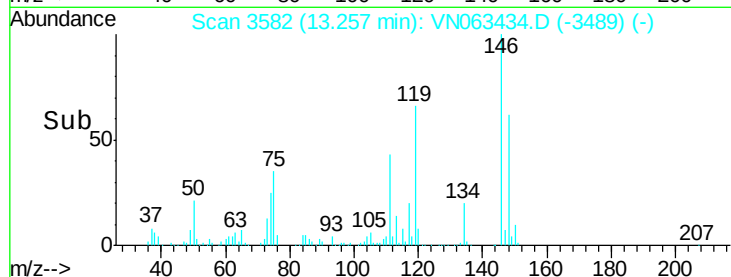
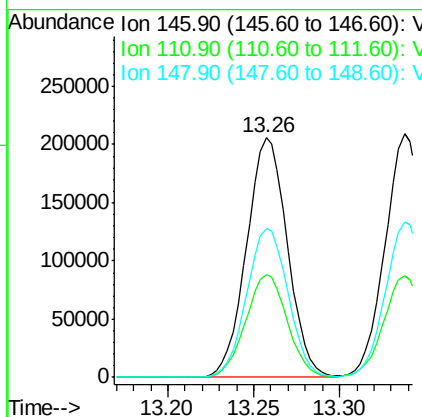
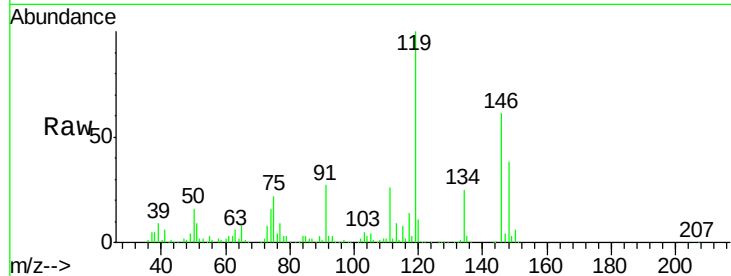
#87
 1,3-Dichlorobenzene
 Concen: 48.943 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	338755		
111	43.6	21.4	64.3	
148	63.0	31.9	95.7	

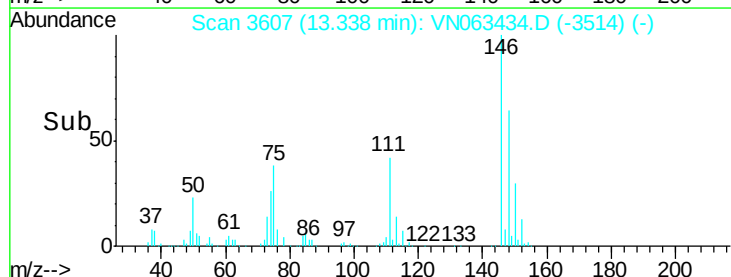
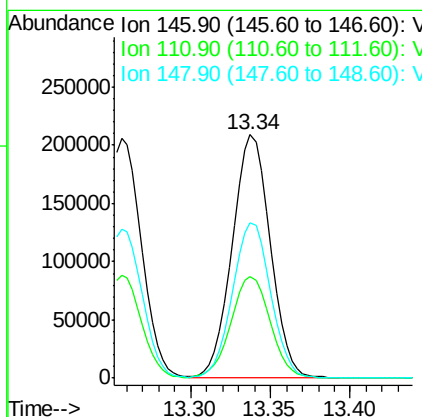
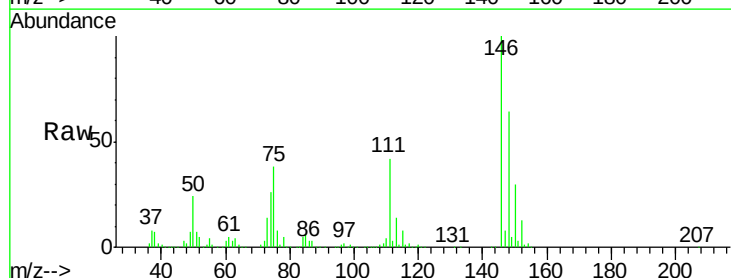
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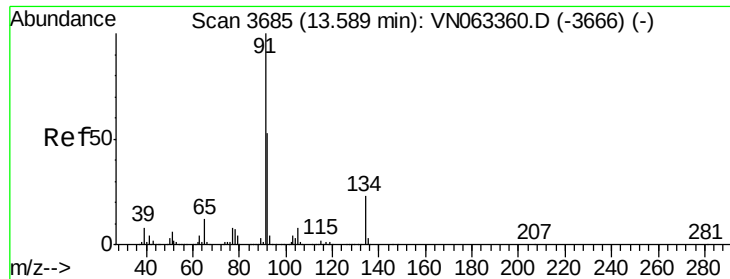
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#88
 1,4-Dichlorobenzene
 Concen: 47.929 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	337280		
111	42.9	21.2	63.6	
148	64.1	31.9	95.9	





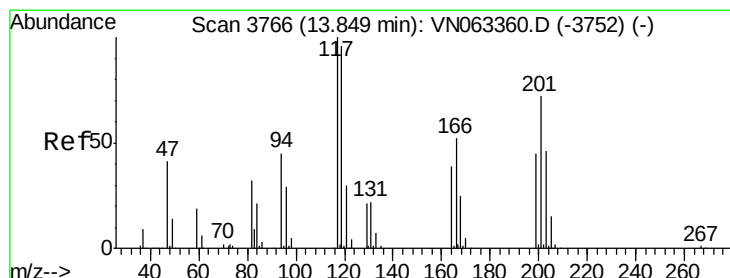
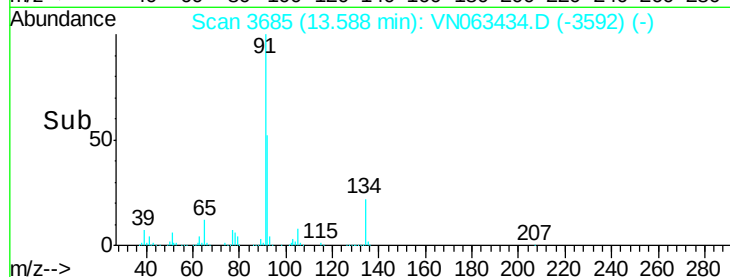
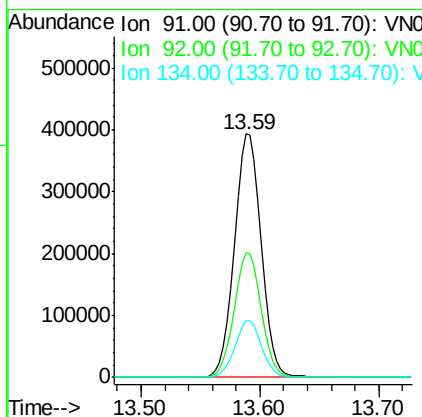
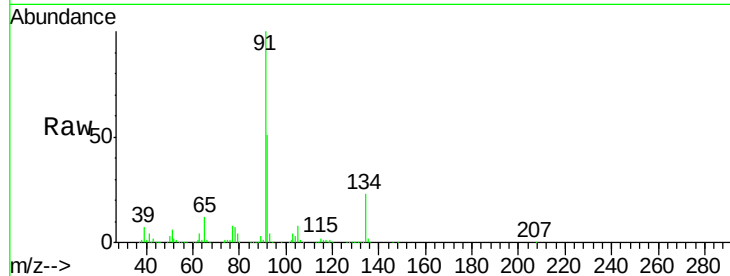
#89
n-Butylbenzene
Concen: 49.255 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	23.2	11.7	35.0

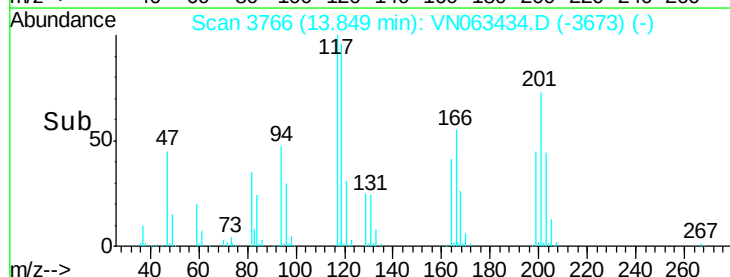
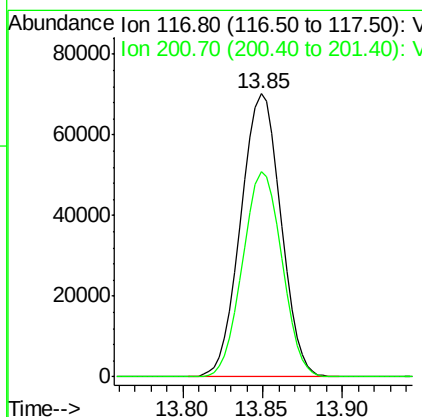
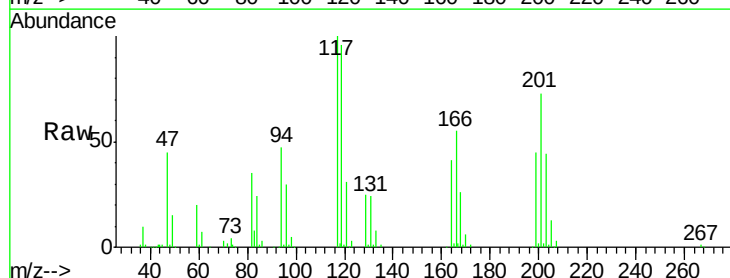
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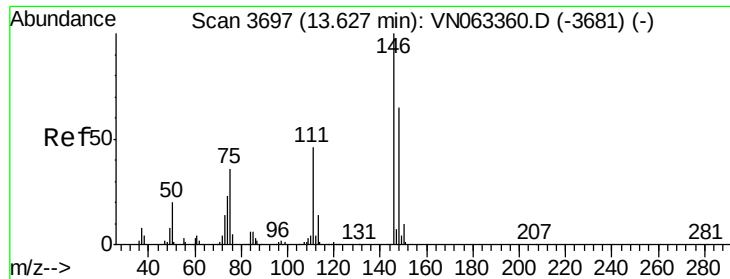
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9/18/2020 10:02:50 AM



#90
Hexachloroethane
Concen: 46.677 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.3	35.5	106.7





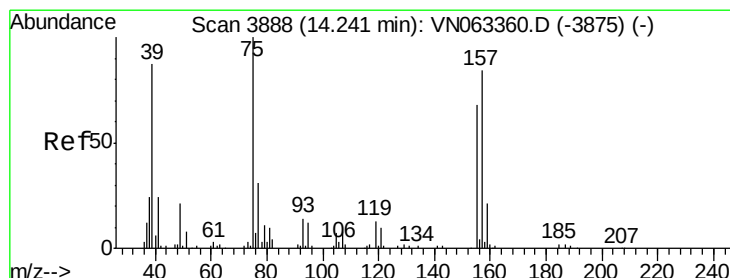
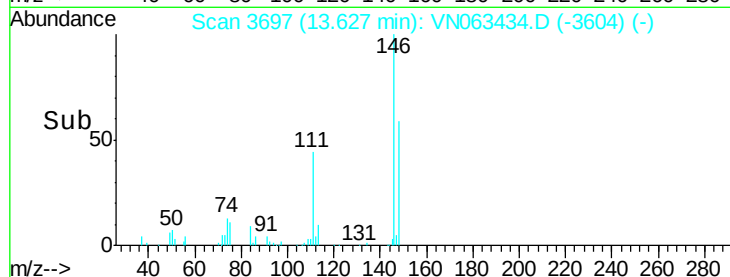
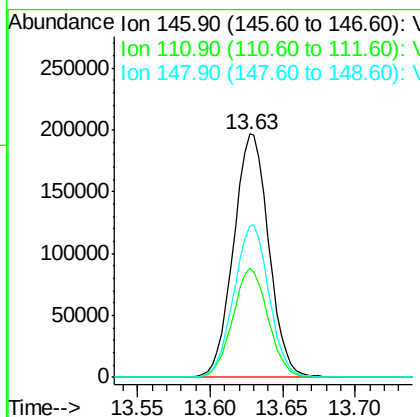
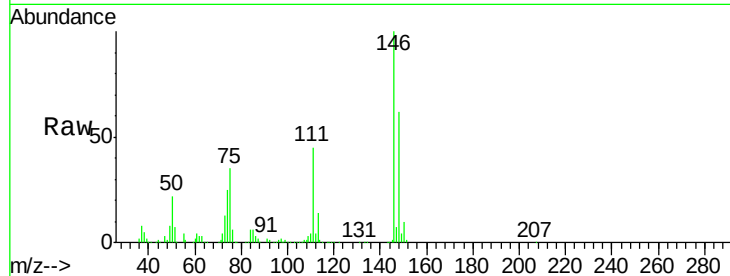
#91
 1,2-Dichlorobenzene
 Concen: 48.855 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	331985		
111	45.0		22.4	67.2
148	62.7		32.0	96.0

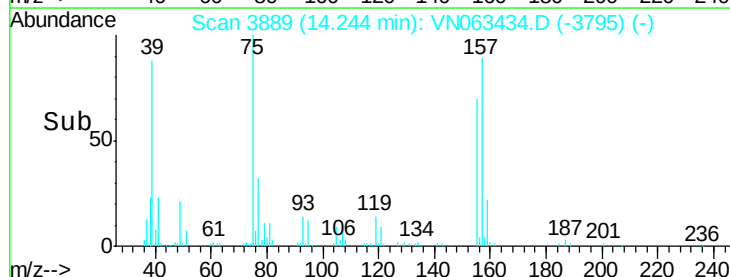
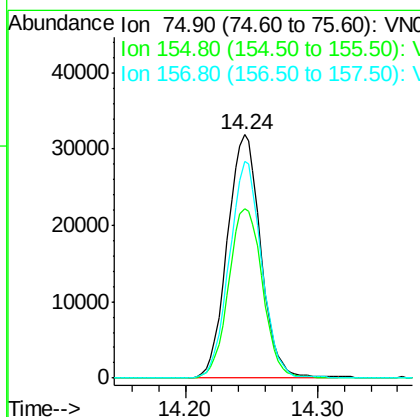
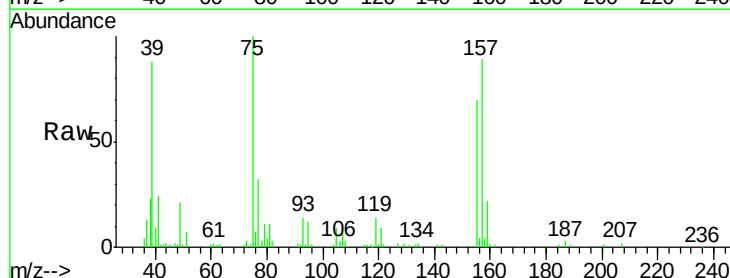
Manual Integrations
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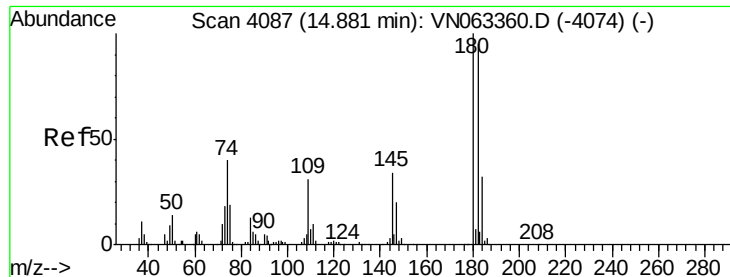
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 9/18/2020 10:02:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.609 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55827		
155	70.2		34.6	103.9
157	85.5		43.7	131.1





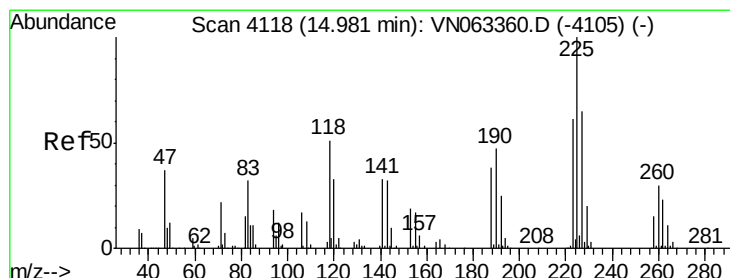
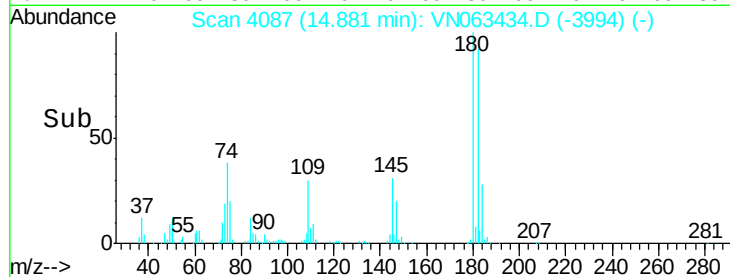
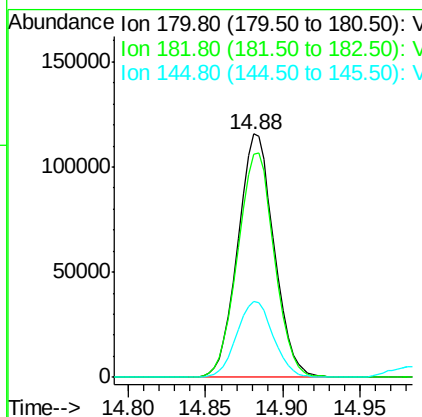
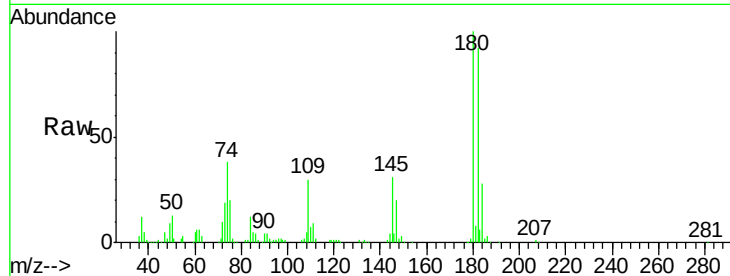
#93
 1,2,4-Trichlorobenzene
 Concen: 46.997 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	188273		
182	93.7	47.3	142.0	
145	31.9	16.6	49.7	

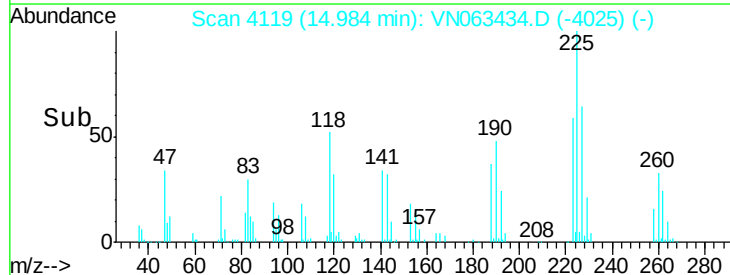
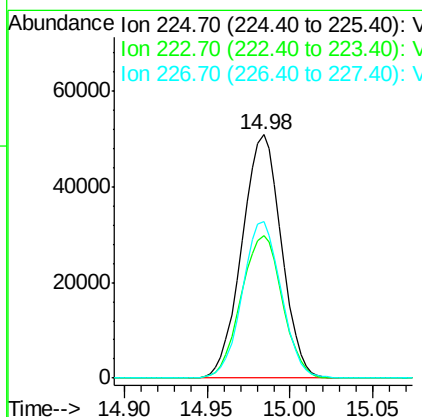
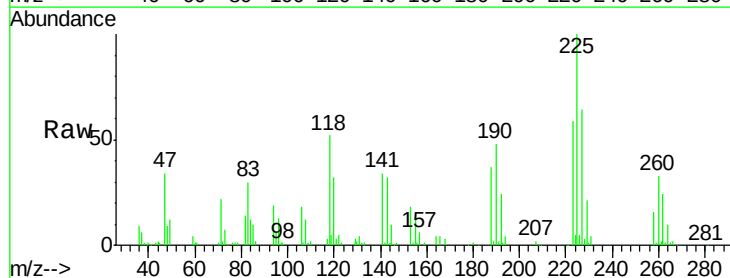
Manual Integrations
 APPROVED

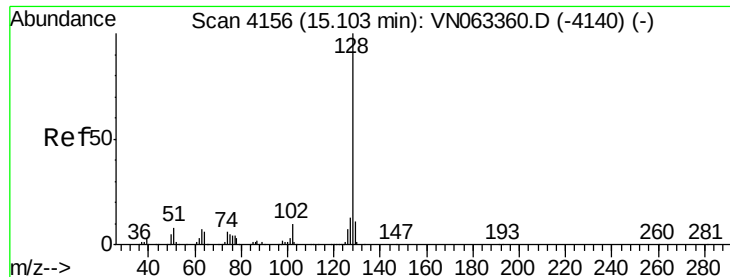
MMDadoda
 9/18/2020 10:02:50 AM



#94
 Hexachlorobutadiene
 Concen: 50.771 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84203		
223	61.1	30.6	91.6	
227	63.3	31.2	93.6	





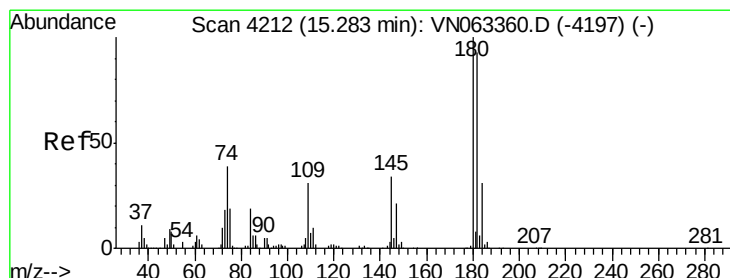
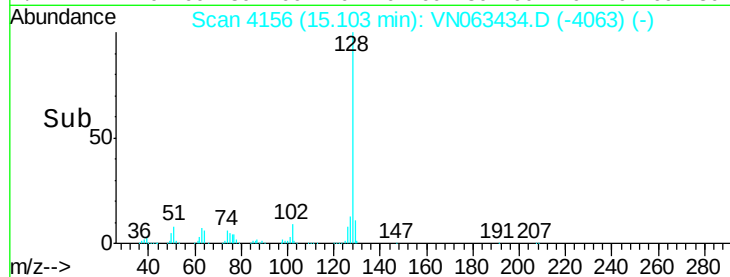
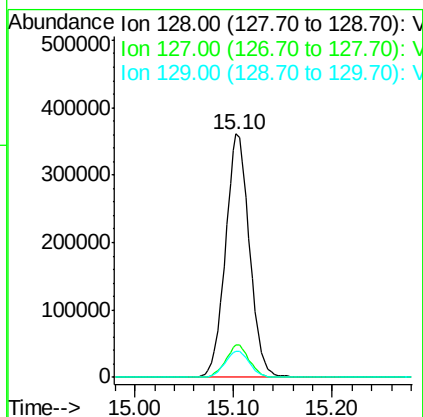
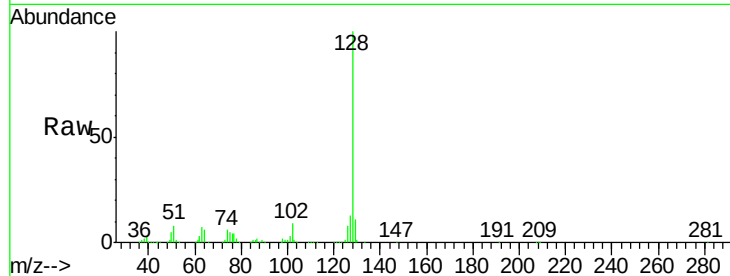
#95
Naphthalene
Concen: 46.512 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	615596		
127	13.1	10.6	15.8	
129	11.0	8.8	13.2	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.537 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	180135		
182	94.2	46.7	140.1	
145	35.0	16.8	50.3	

