

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063473.D
 Acq On : 18 Sep 2020 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:49:56 AM

Quant Time: Sep 21 02:56:14 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	296891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	522162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	231698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	239269	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	7.55	113	166953	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
50) Toluene-d8	10.06	98	646961	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.38	95	246501	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	158621	47.159	ug/l	97
3) Chloromethane	2.04	50	191538	43.046	ug/l	99
4) Vinyl Chloride	2.17	62	190859	48.414	ug/l	100
5) Bromomethane	2.53	94	114422	48.884	ug/l	97
6) Chloroethane	2.68	64	112584	46.524	ug/l	100
7) Trichlorofluoromethane	2.99	101	295189	50.187	ug/l	95
8) Diethyl Ether	3.38	74	107302	46.798	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	153504	46.407	ug/l	96
10) Methyl Iodide	3.91	142	216541	50.282	ug/l	100
11) Tert butyl alcohol	4.72	59	133267m	190.343	ug/l	
12) 1,1-Dichloroethene	3.70	96	154849	46.218	ug/l	97
13) Acrolein	3.57	56	76733	295.739	ug/l	99
14) Allyl chloride	4.28	41	274200	41.375	ug/l	91
15) Acrylonitrile	4.93	53	400580	224.928	ug/l	100
16) Acetone	3.77	43	355255	218.722	ug/l	96
17) Carbon Disulfide	4.02	76	423879	43.495	ug/l	100
18) Methyl Acetate	4.28	43	194783	47.239	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	576499	46.168	ug/l	98
20) Methylene Chloride	4.51	84	187579	45.582	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	170246	45.864	ug/l	94
22) Diisopropyl ether	5.90	45	622876	46.085	ug/l	99
23) Vinyl Acetate	5.84	43	2567668	231.318	ug/l	99
24) 1,1-Dichloroethane	5.80	63	345595	46.834	ug/l	100
25) 2-Butanone	6.78	43	544550	217.992	ug/l	99
26) 2,2-Dichloropropane	6.78	77	257938	39.702	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	199146	47.399	ug/l	99
28) Bromochloromethane	7.15	49	159125	46.704	ug/l	96
29) Tetrahydrofuran	7.17	42	373103	218.688	ug/l	99
30) Chloroform	7.33	83	353258	47.716	ug/l	100
31) Cyclohexane	7.61	56	297220	42.582	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	315040	47.844	ug/l	98
36) 1,1-Dichloropropene	7.76	75	258702	46.505	ug/l	100
37) Ethyl Acetate	6.88	43	241340	44.204	ug/l	98
38) Carbon Tetrachloride	7.74	117	269595	47.475	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	271950	45.043	ug/l	98
40) Benzene	8.00	78	751177	47.303	ug/l	100
41) Methacrylonitrile	7.12	41	108679	44.258	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	304353	47.658	ug/l	99
43) Isopropyl Acetate	8.13	43	431036	44.152	ug/l #	89
44) Trichloroethene	8.80	130	187069	48.569	ug/l	99
45) 1,2-Dichloropropane	9.08	63	204712	47.332	ug/l	99
46) Dibromomethane	9.18	93	135015	47.496	ug/l	100
47) Bromodichloromethane	9.37	83	283262	47.965	ug/l	99
48) Methyl methacrylate	9.17	41	213058	44.420	ug/l	96
49) 1,4-Dioxane	9.17	88	54784	795.914	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1242201	227.283	ug/l	99
52) Toluene	10.13	92	485283	50.828	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	307827	46.691	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	327666	47.118	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	182831	48.210	ug/l	99
56) Ethyl methacrylate	10.40	69	283324	47.856	ug/l	99
57) 1,3-Dichloropropane	10.68	76	317090	46.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	707553	227.825	ug/l	97
59) 2-Hexanone	10.72	43	893281	225.601	ug/l	99
60) Dibromochloromethane	10.87	129	205859	48.049	ug/l	99
61) 1,2-Dibromoethane	10.98	107	191463	48.595	ug/l	99
64) Tetrachloroethene	10.60	164	169200	51.307	ug/l	98
65) Chlorobenzene	11.41	112	487416	47.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	186099	49.383	ug/l	98
67) Ethyl Benzene	11.49	91	938098	48.455	ug/l	100
68) m/p-Xylenes	11.59	106	681035	97.565	ug/l	100
69) o-Xylene	11.92	106	331893	49.913	ug/l	98
70) Styrene	11.94	104	557126	49.962	ug/l	99
71) Bromoform	12.10	173	132729	47.278	ug/l #	99
73) Isopropylbenzene	12.23	105	900242	48.486	ug/l	100
74) N-amyl acetate	12.05	43	396704	45.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	258245	44.921	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	240109m	41.868	ug/l	
77) Bromobenzene	12.50	156	210175	50.323	ug/l	93
78) n-propylbenzene	12.57	91	1042187	48.193	ug/l	100
79) 2-Chlorotoluene	12.65	91	622405	48.013	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	760186	49.100	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	88438	42.279	ug/l	99
82) 4-Chlorotoluene	12.75	91	654857	47.811	ug/l	99
83) tert-Butylbenzene	12.97	119	621678	48.651	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	757069	48.410	ug/l	99
85) sec-Butylbenzene	13.15	105	820894	47.993	ug/l	99
86) p-Isopropyltoluene	13.26	119	737228	48.867	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	374883	48.428	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	381883	48.522	ug/l	100
89) n-Butylbenzene	13.59	91	671127	48.262	ug/l	99
90) Hexachloroethane	13.85	117	130226	45.332	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	362255	47.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57406	41.934	ug/l	99

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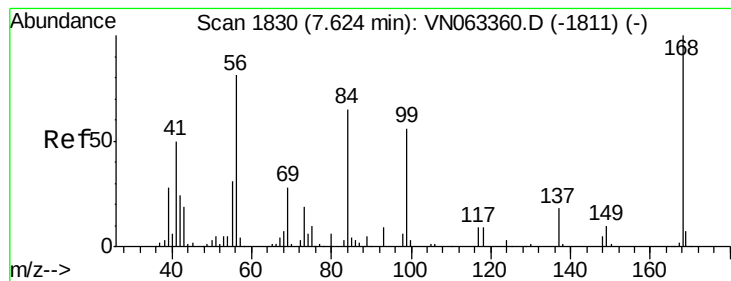
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	210552	46.993	ug/l	100
94) Hexachlorobutadiene	14.98	225	94049	50.704	ug/l	98
95) Naphthalene	15.10	128	679340	45.893	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	199834	46.161	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 296891

Ion Ratio Lower Upper

168 100

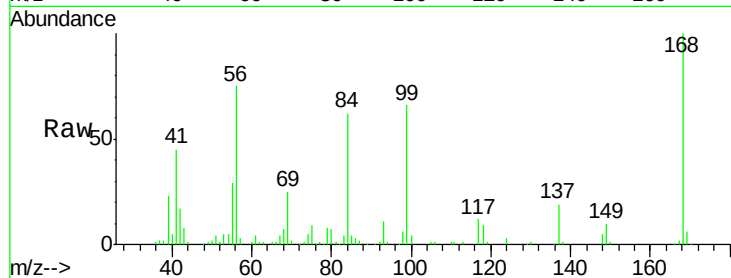
99 66.2 53.0 79.6

Manual Integrations

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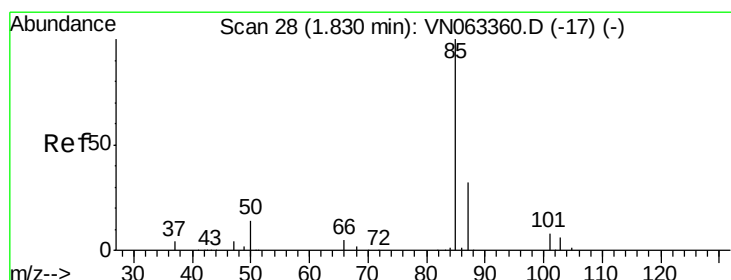
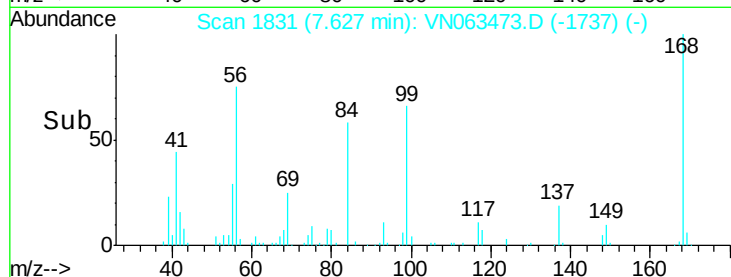
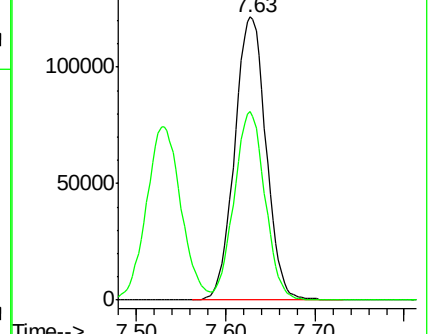
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.159 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063473.D

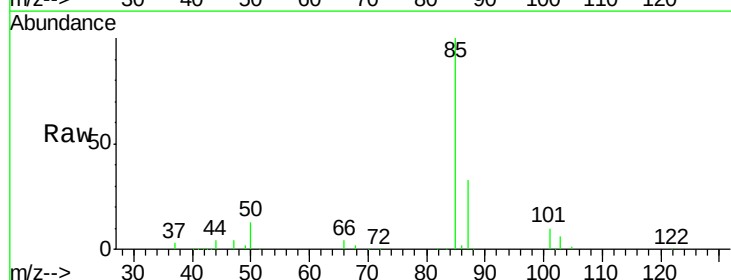
Acq: 18 Sep 2020 21:24

Tgt Ion: 85 Resp: 158621

Ion Ratio Lower Upper

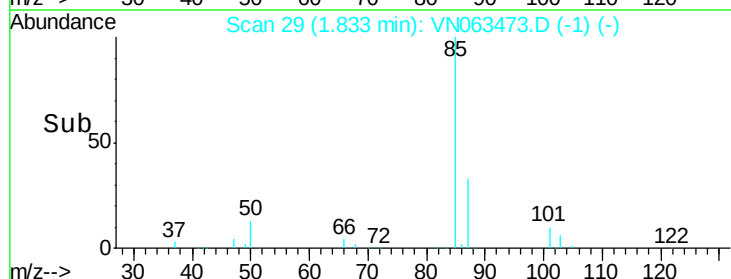
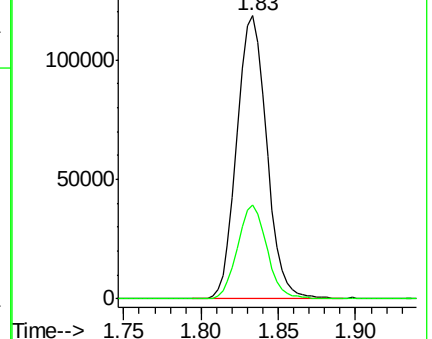
85 100

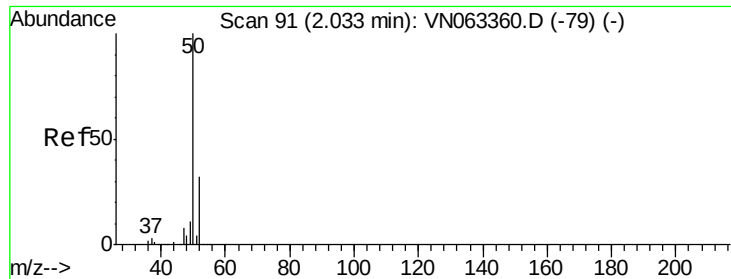
87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.046 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 191538

Ion Ratio Lower Upper

50 100

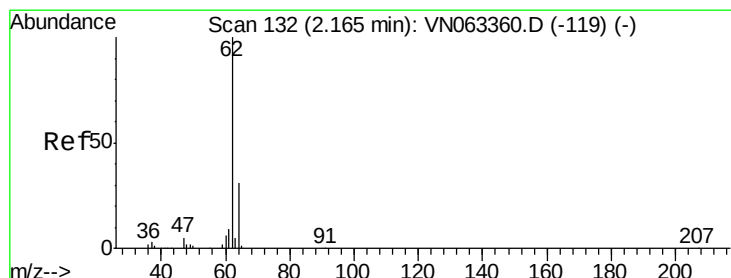
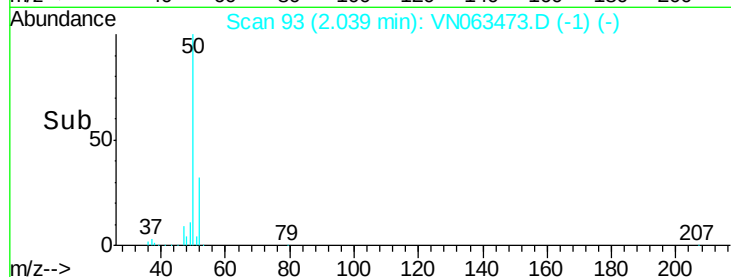
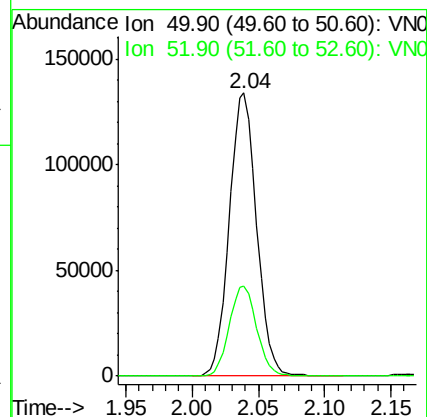
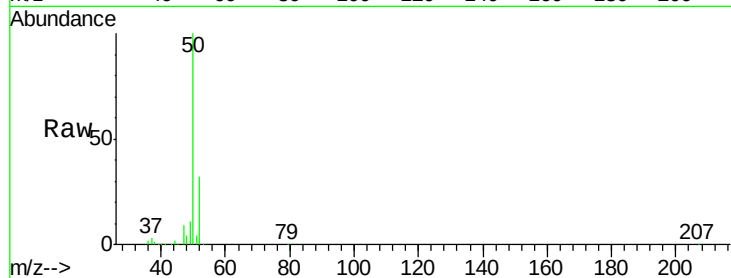
52 31.7 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.414 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063473.D

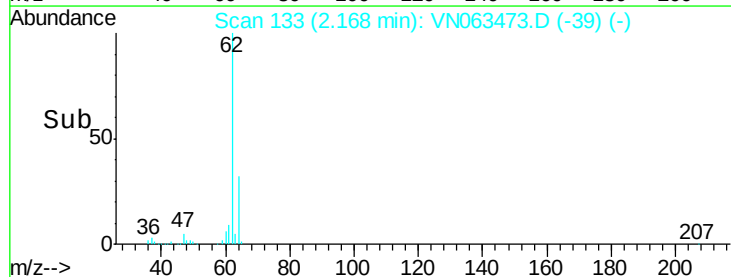
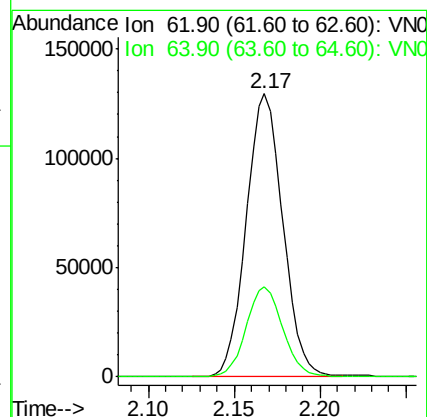
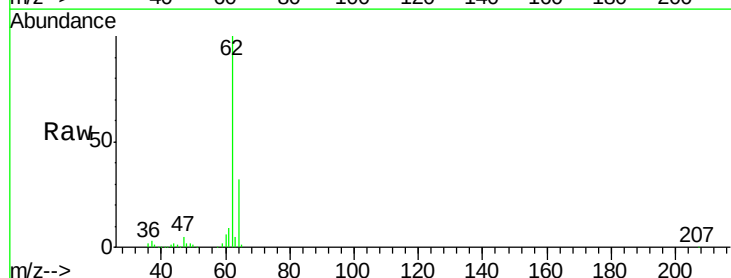
Acq: 18 Sep 2020 21:24

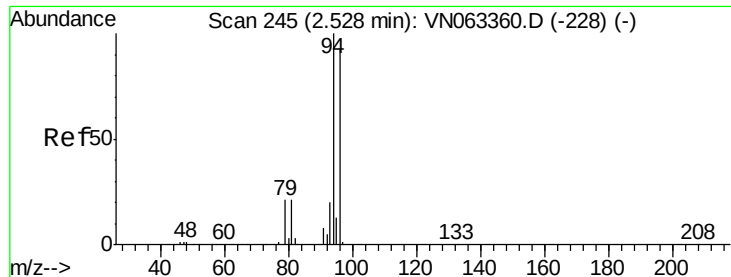
Tgt Ion: 62 Resp: 190859

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 48.884 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 114422

Ion Ratio Lower Upper

94 100

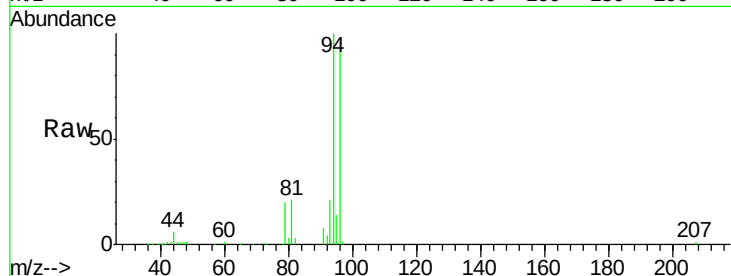
96 95.5 74.5 111.7

Manual Integrations

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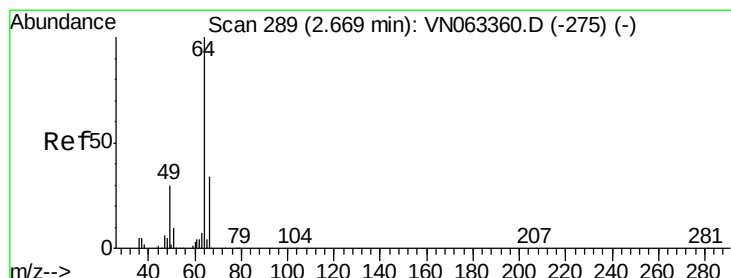
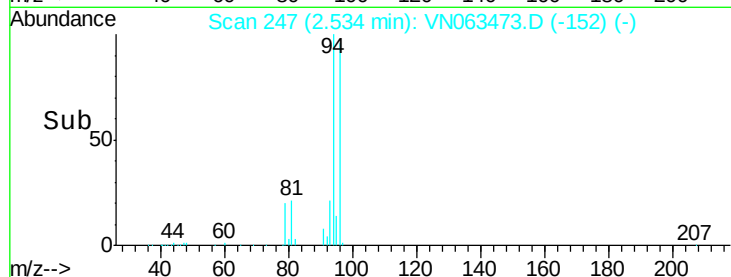
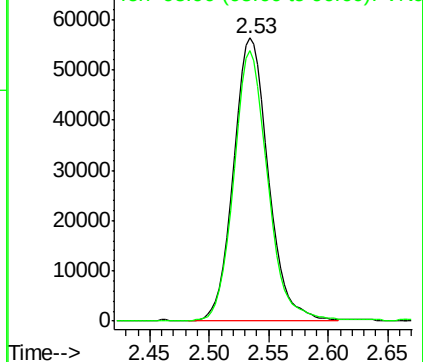
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.524 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063473.D

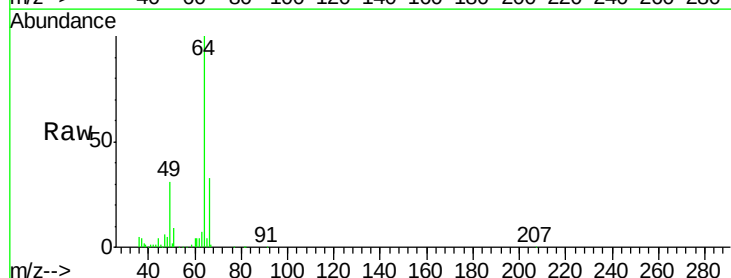
Acq: 18 Sep 2020 21:24

Tgt Ion: 64 Resp: 112584

Ion Ratio Lower Upper

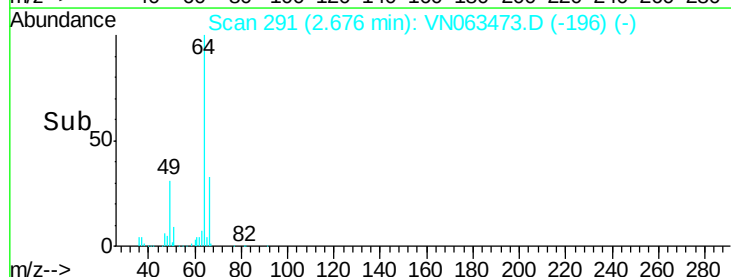
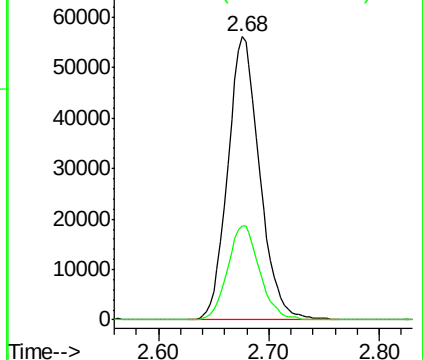
64 100

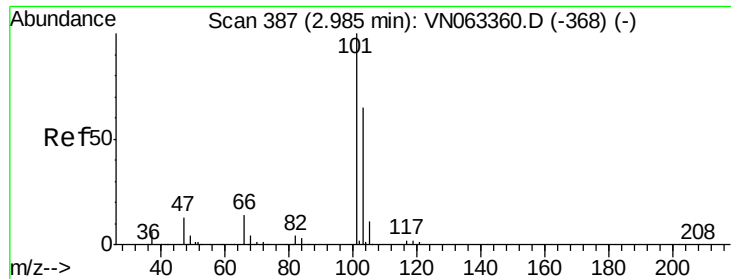
66 33.4 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

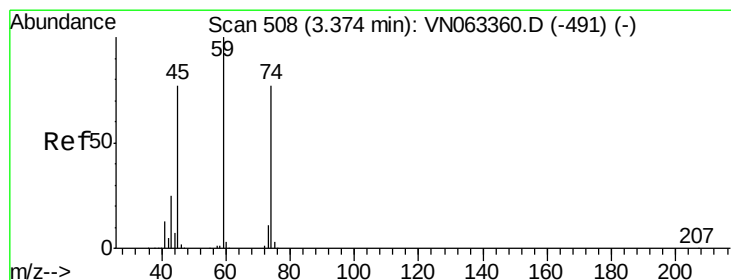
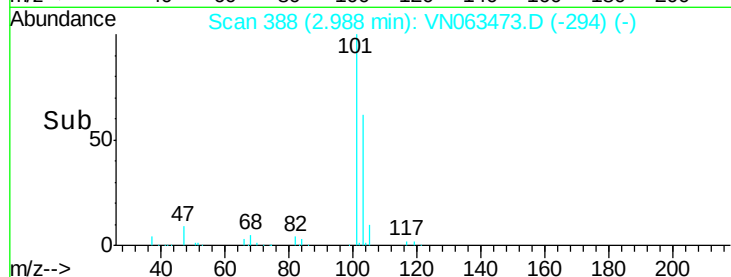
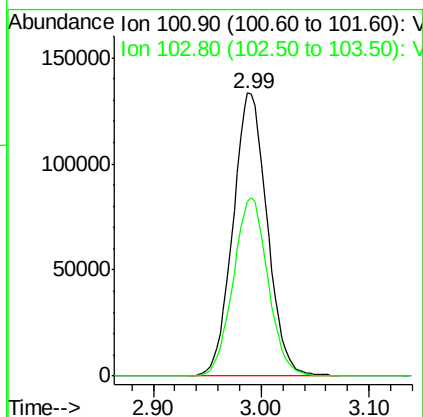
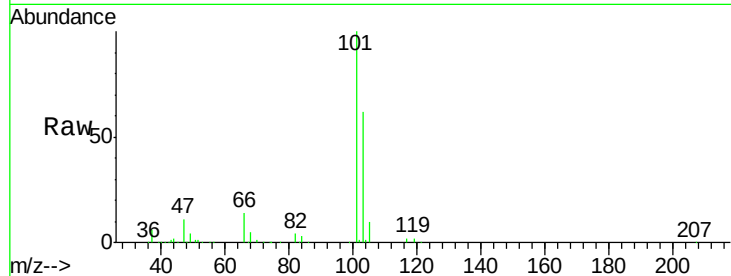
Trichlorofluoromethane
 Concen: 50.187 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	295189		
103	61.5	52.3	78.5	

Manual Integrations
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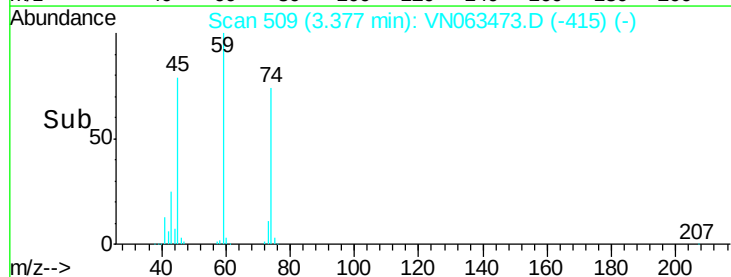
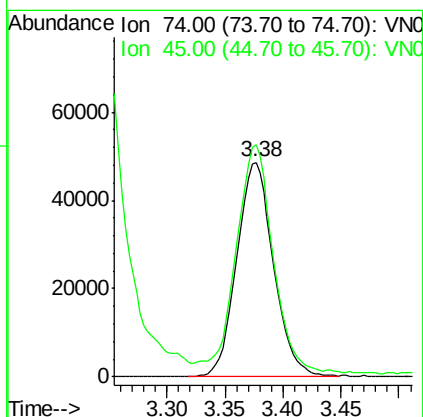
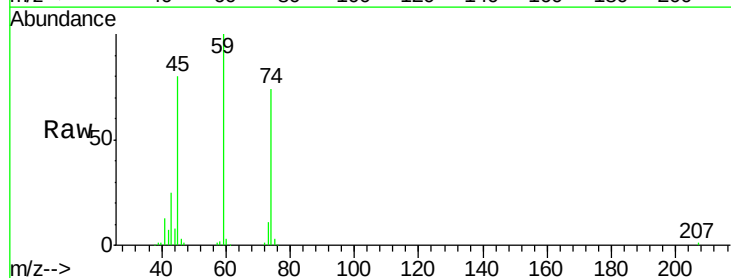
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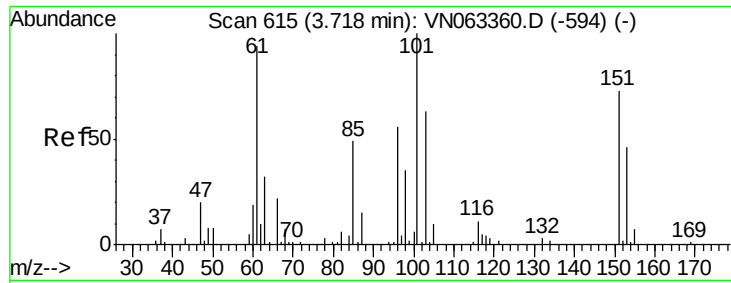


#8

Diethyl Ether
 Concen: 46.798 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	107302		
45	103.8	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.407 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

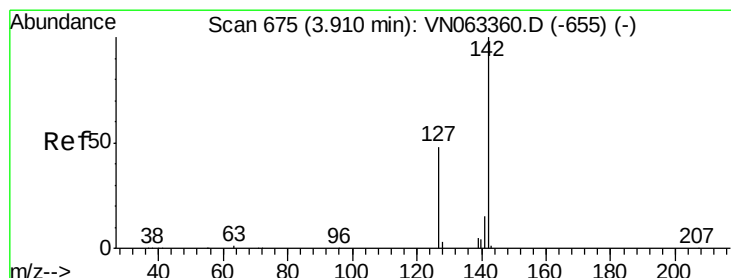
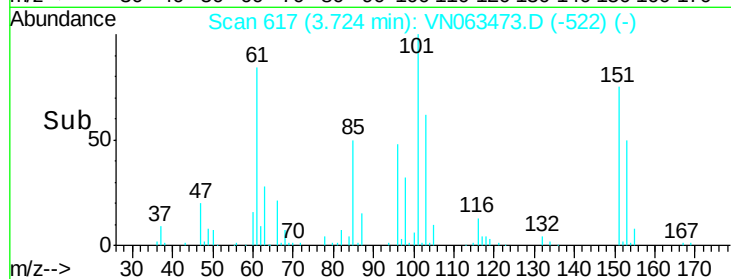
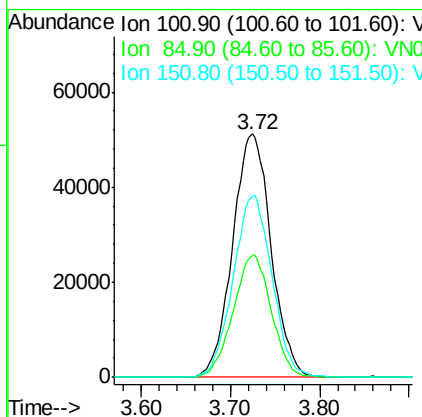
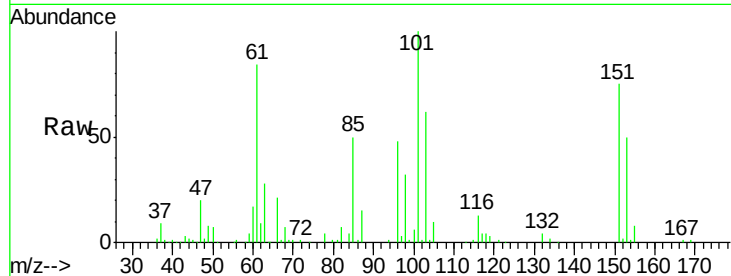
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	153504
Ion Ratio	Lower	Upper	
101	100		
85	49.6	37.7	56.5
151	75.3	57.7	86.5

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#10

Methyl Iodide

Concen: 50.282 ug/l

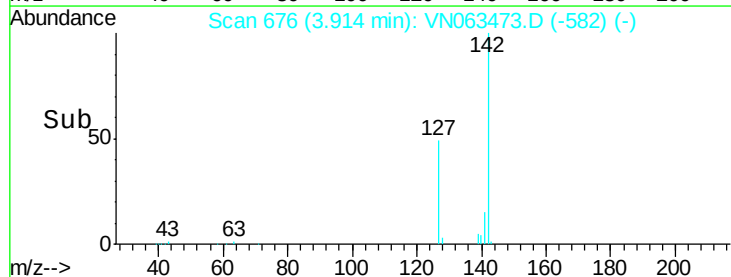
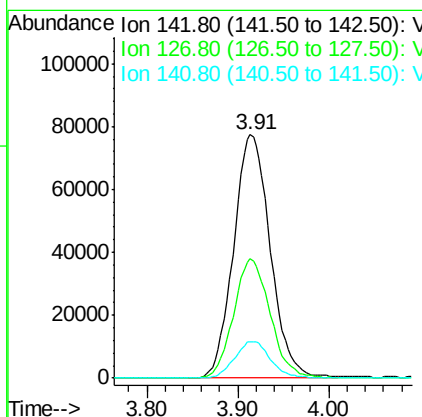
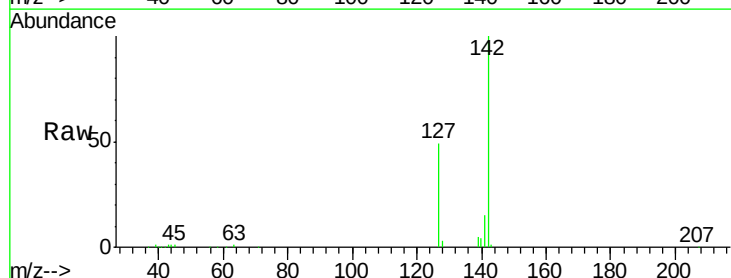
RT: 3.91 min Scan# 676

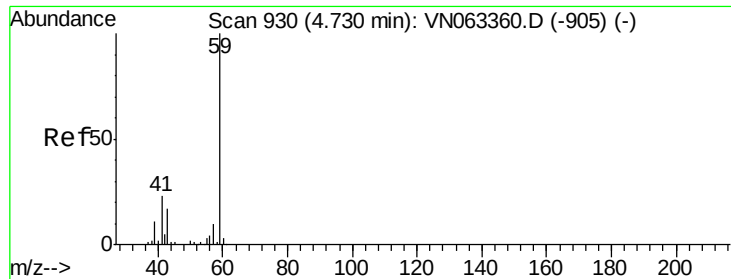
Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:	142	Resp:	216541
Ion Ratio	Lower	Upper	
142	100		
127	48.7	39.0	58.6
141	14.7	11.6	17.4





#11

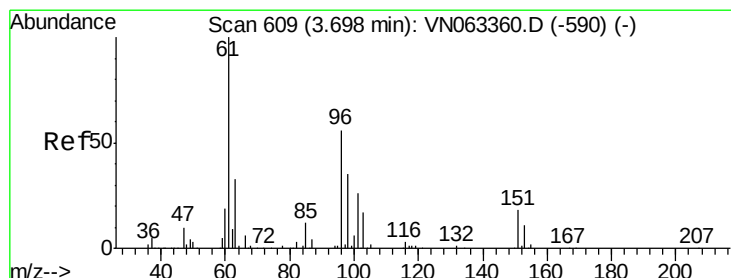
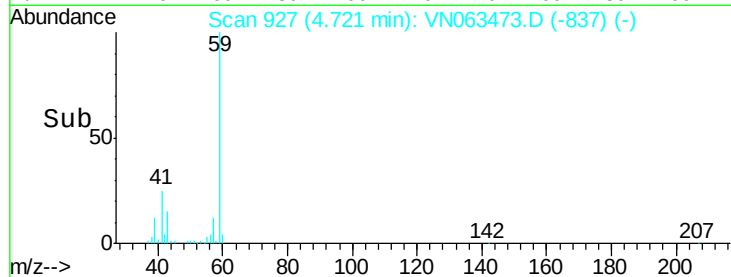
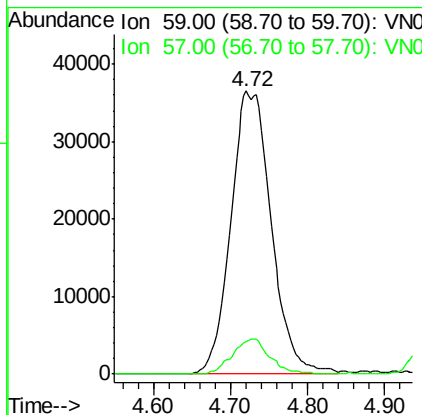
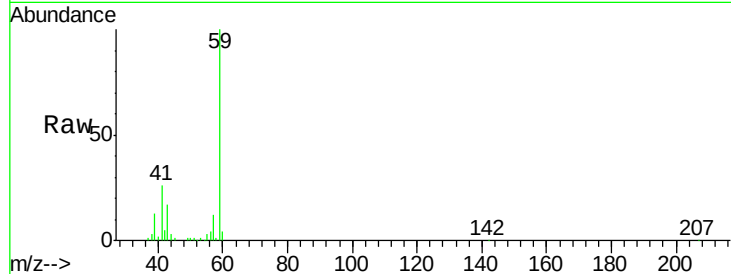
Tert butyl alcohol
Concen: 190.343 ug/l m
RT: 4.72 min Scan# 927
Delta R.T. -0.01 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.4	12.6

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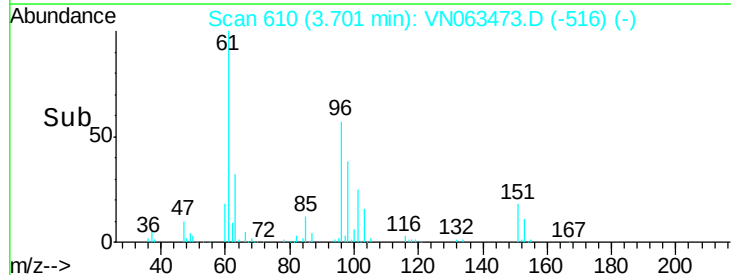
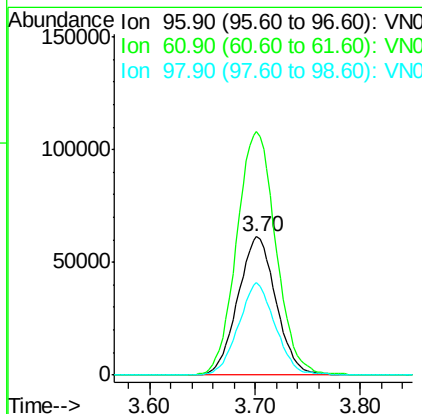
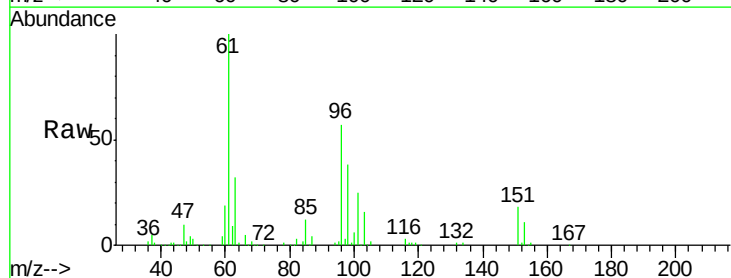
MMDadoda
9/21/2020 11:49:56 AM

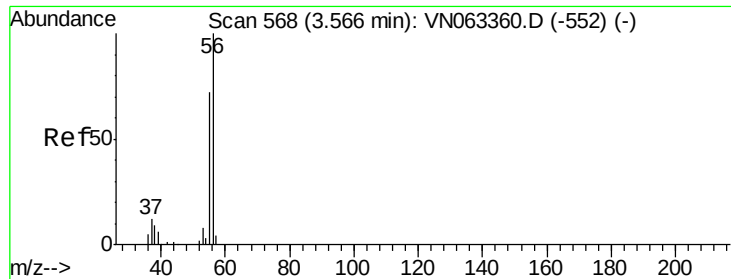


#12

1,1-Dichloroethene
Concen: 46.218 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.7	143.4	215.2
98	66.4	50.6	76.0





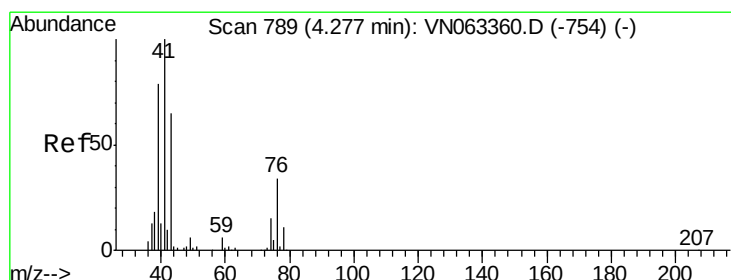
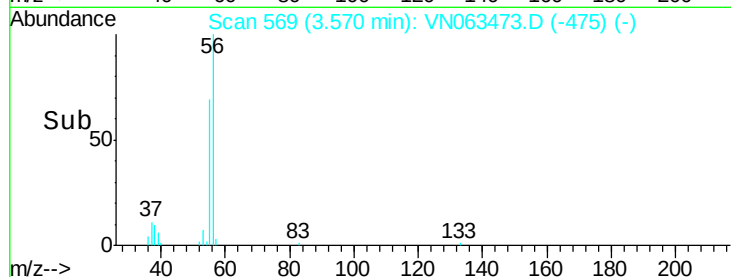
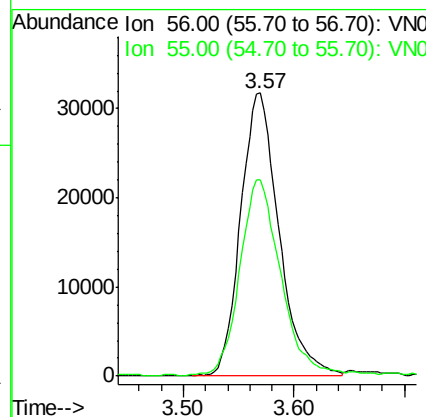
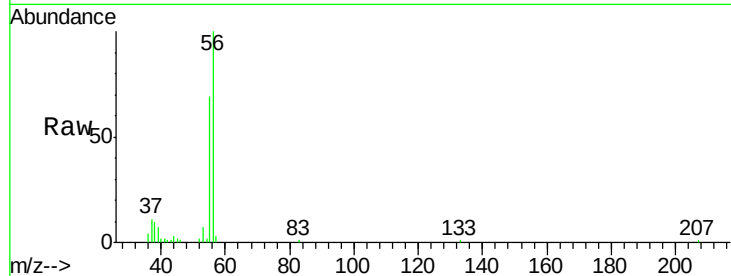
#13
Acrolein
Concen: 295.739 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	76733
Ion Ratio	100	Lower	Upper
56	100		
55	73.9	58.2	87.2

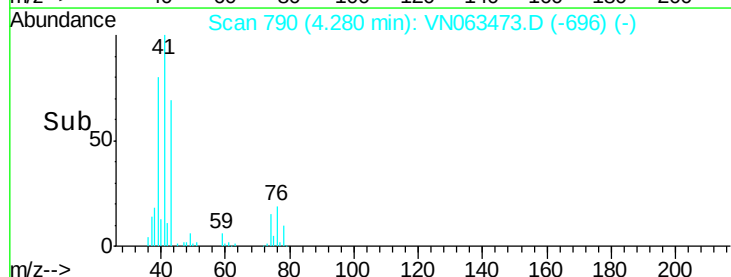
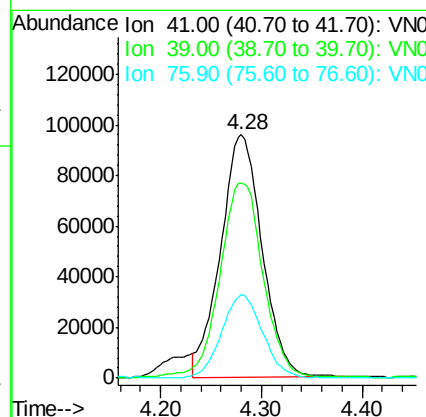
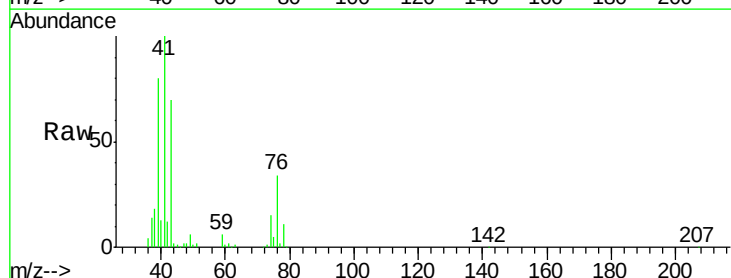
Manual Integrations
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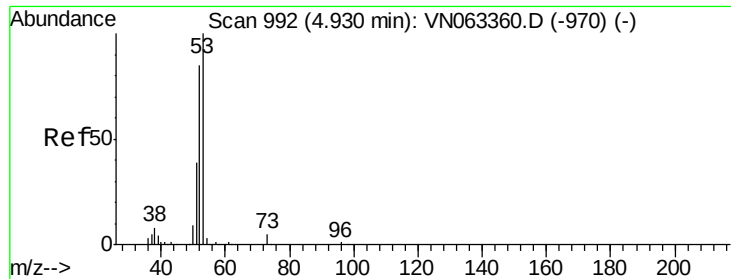
MMDadoda
9/21/2020 11:49:56 AM



#14
Allyl chloride
Concen: 41.375 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	41	Resp	274200
Ion Ratio	100	Lower	Upper
41	100		
39	83.5	59.3	88.9
76	33.4	25.3	37.9





#15

Acrylonitrile

Concen: 224.928 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

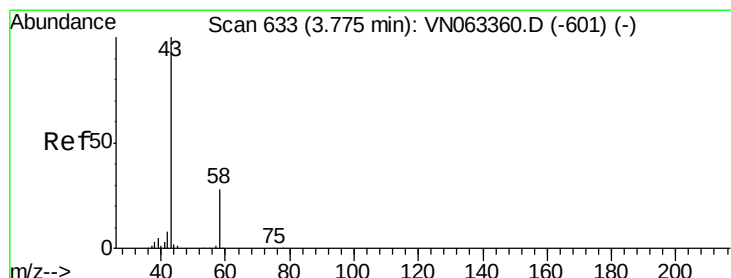
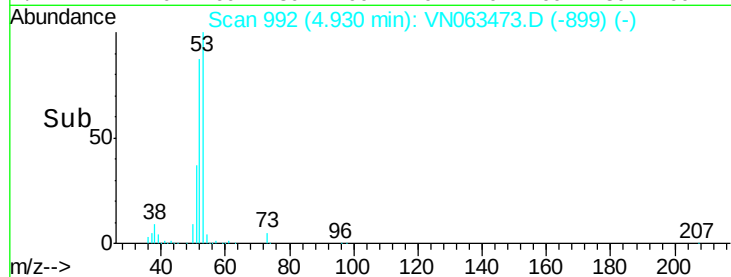
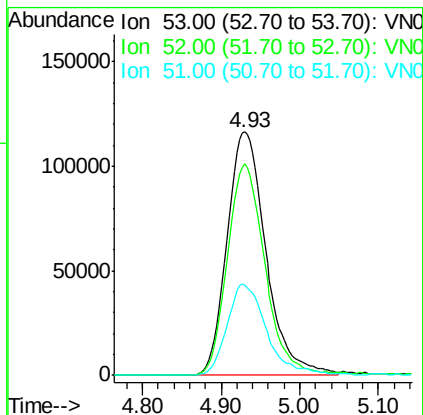
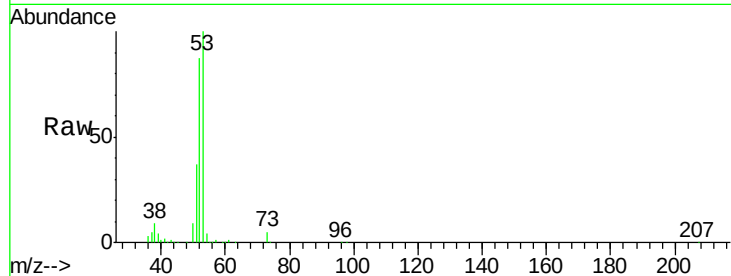
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	400580
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	38.3	30.2	45.4

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#16

Acetone

Concen: 218.722 ug/l

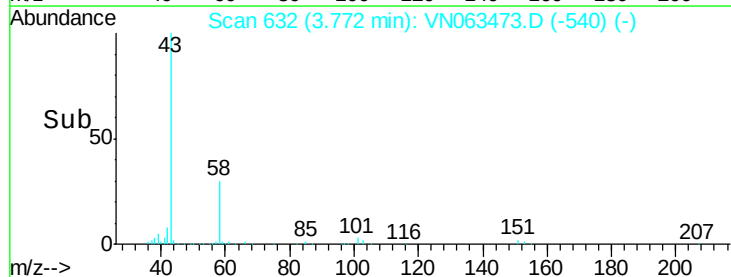
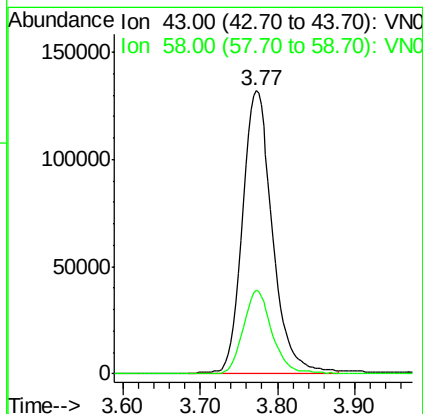
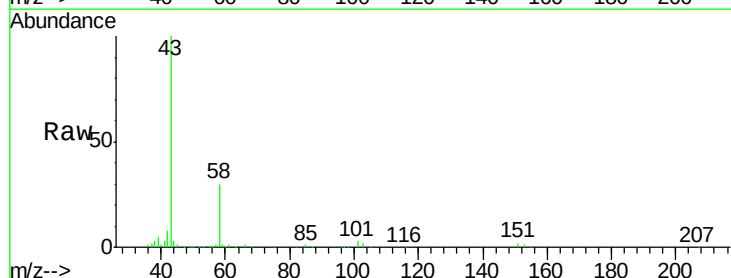
RT: 3.77 min Scan# 632

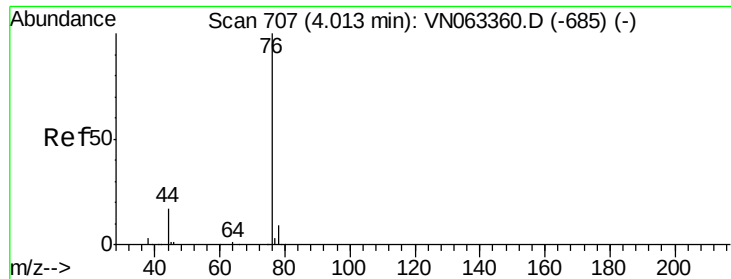
Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:	43	Resp:	355255
Ion Ratio		Lower	Upper
43	100		
58	29.8	22.3	33.5





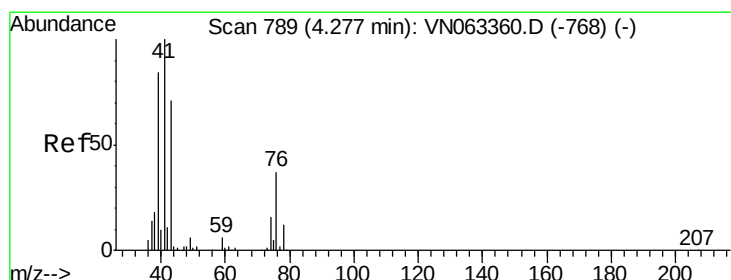
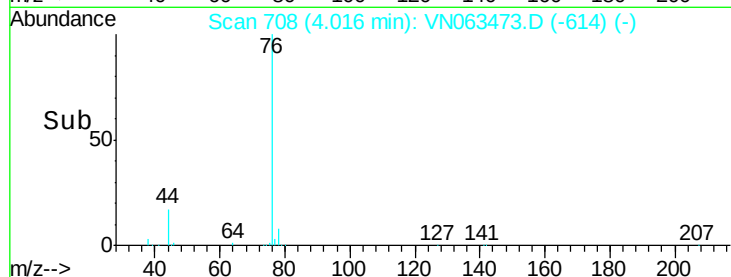
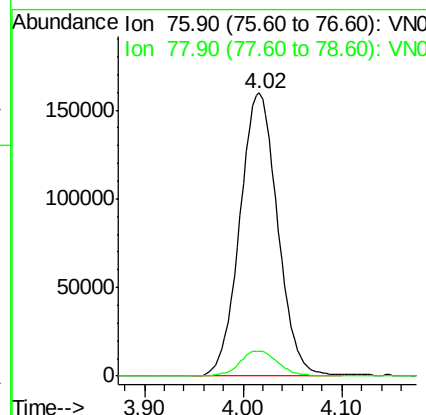
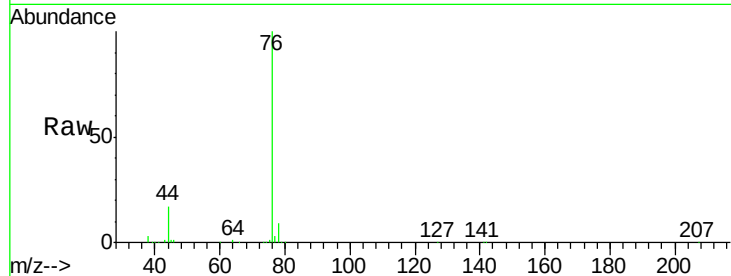
#17
Carbon Disulfide
Concen: 43.495 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

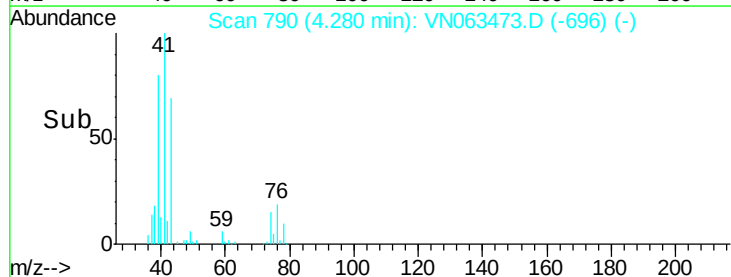
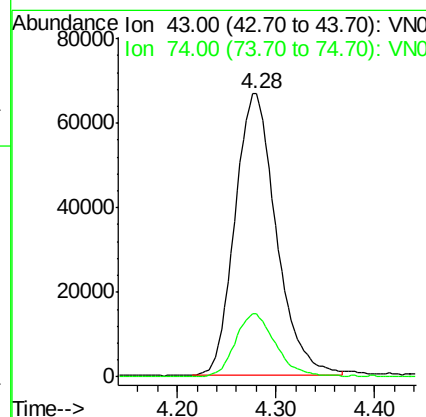
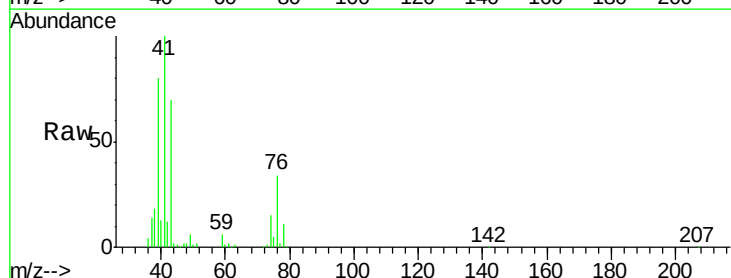
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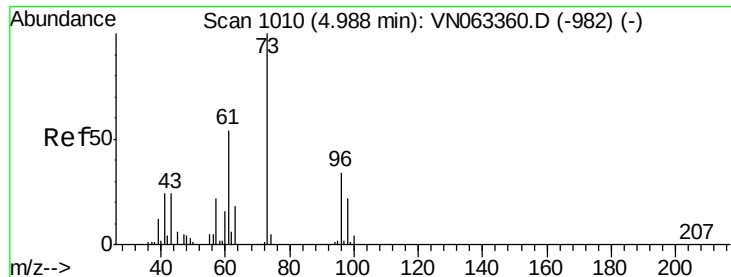
MMDadoda
9/21/2020 11:49:56 AM



#18
Methyl Acetate
Concen: 47.239 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.4	26.2





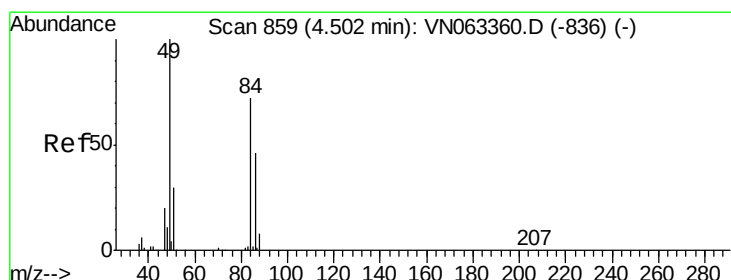
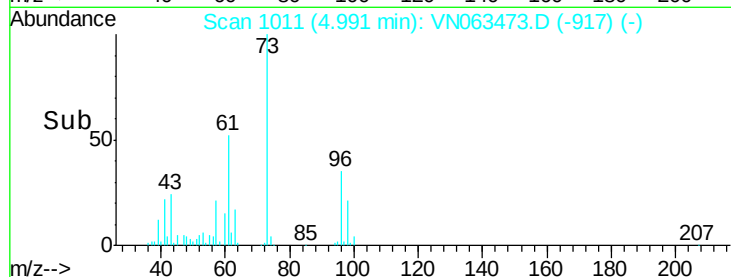
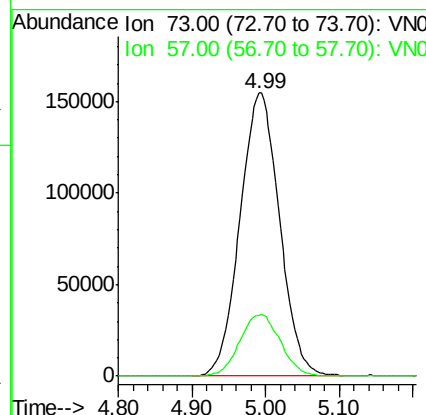
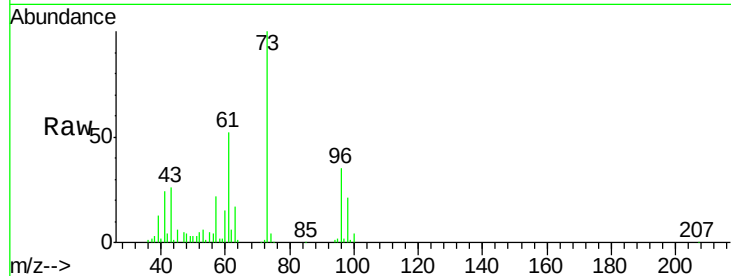
#19
Methyl tert-butyl Ether
Concen: 46.168 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 576499
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9

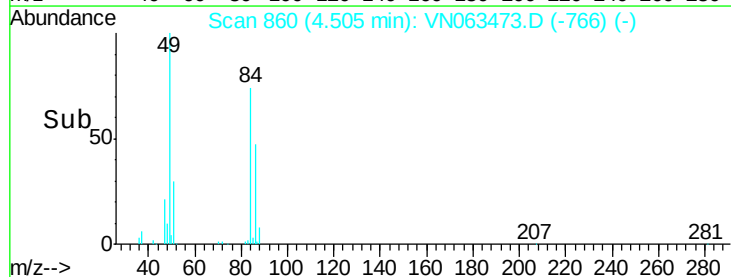
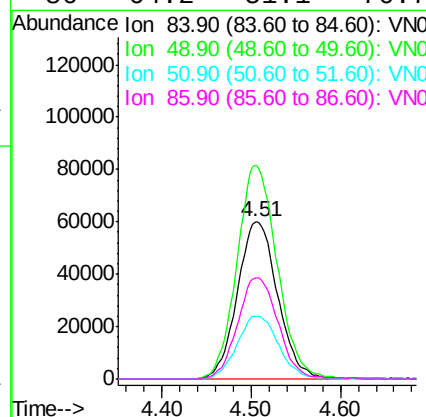
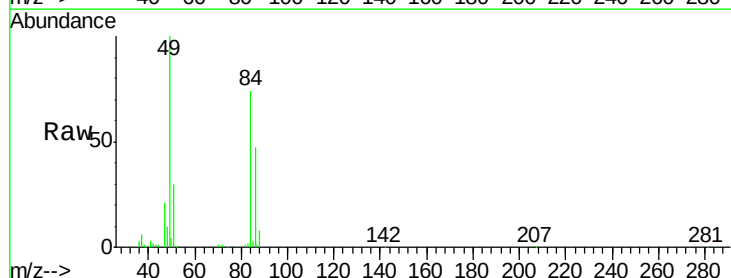
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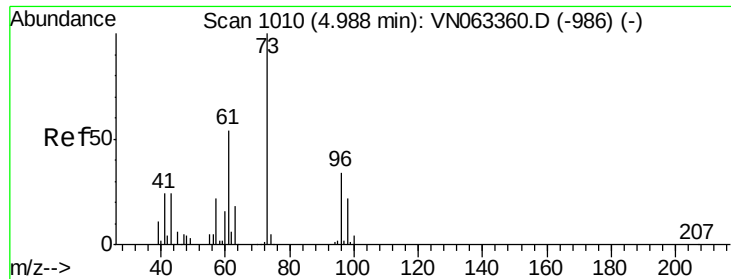
MMDadoda
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#20
Methylene Chloride
Concen: 45.582 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 84 Resp: 187579
Ion Ratio Lower Upper
84 100
49 135.8 110.7 166.1
51 40.1 32.9 49.3
86 64.2 51.1 76.7





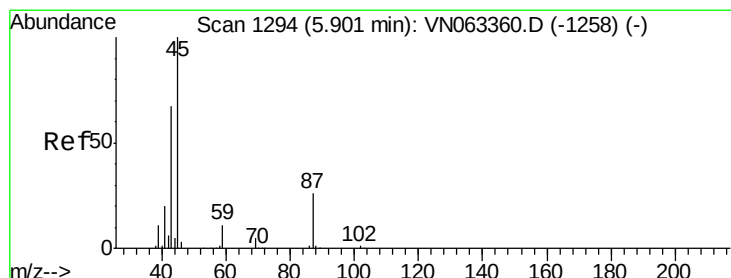
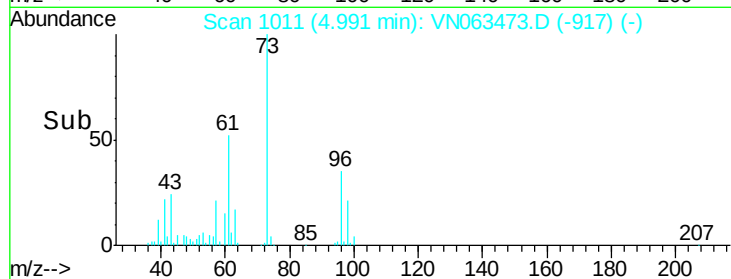
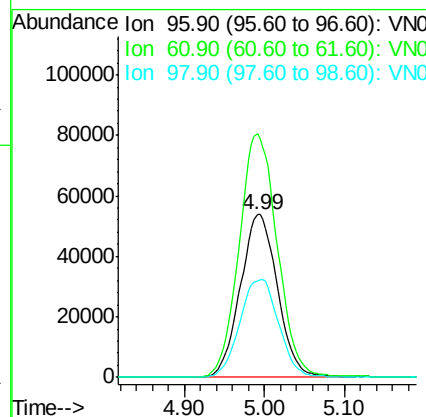
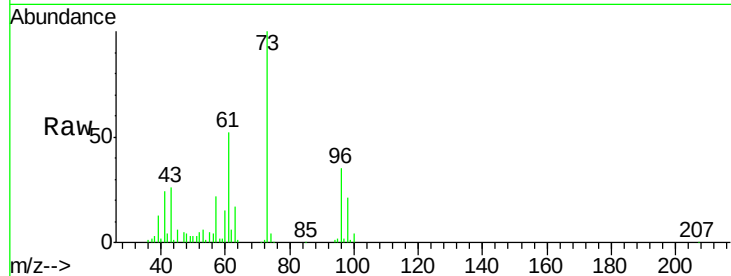
#21
trans-1,2-Dichloroethene
Concen: 45.864 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	126.2	189.4
98	59.3	51.0	76.4

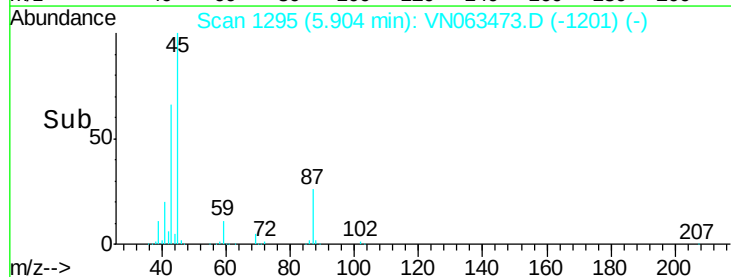
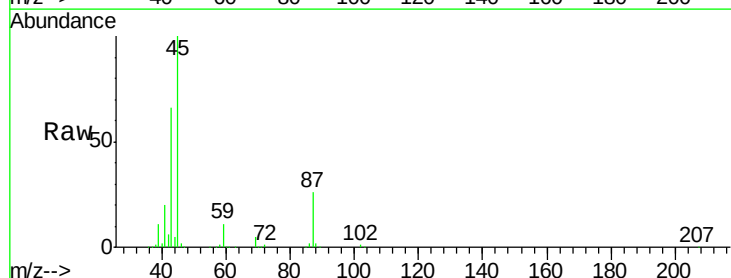
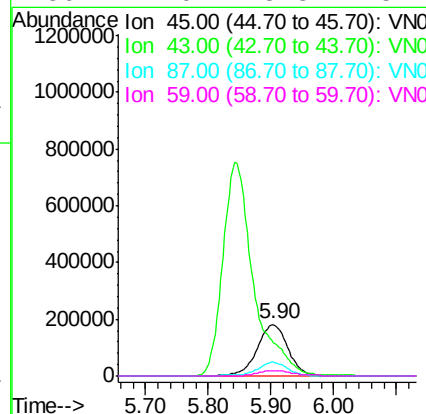
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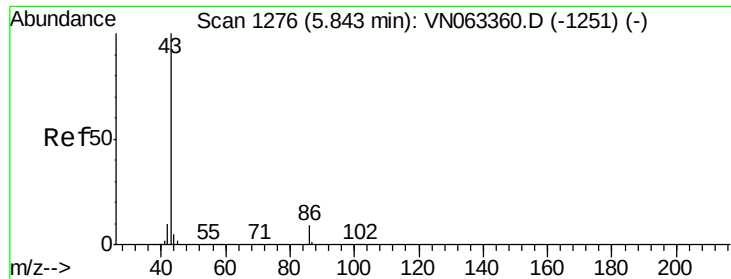
MMDadoda
9/21/2020 11:49:56 AM



#22
Diisopropyl ether
Concen: 46.085 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.5	53.5	80.3
87	26.1	21.2	31.8
59	11.0	8.8	13.2





#23

Vinyl Acetate

Concen: 231.318 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2567668

Ion Ratio Lower Upper

43 100

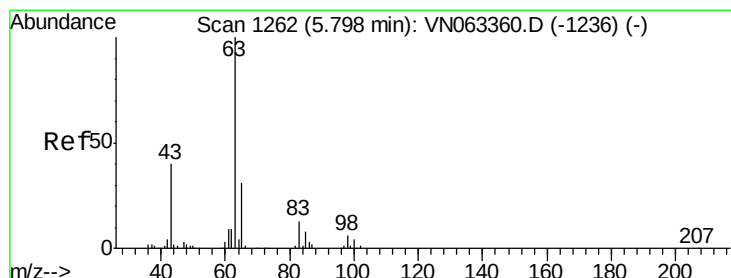
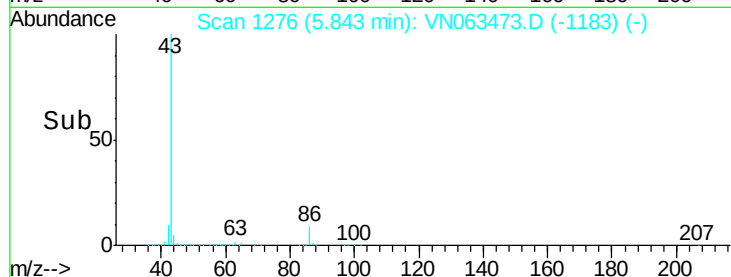
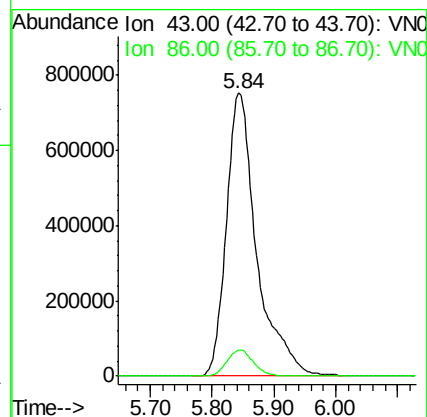
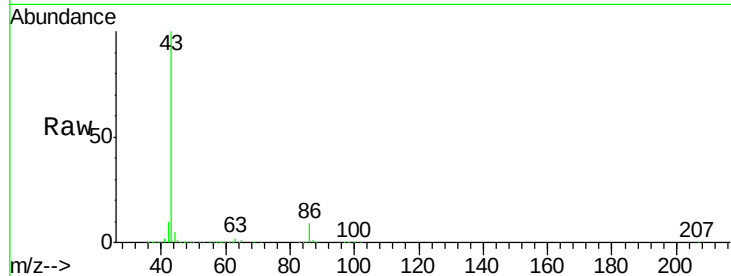
86 9.2 7.1 10.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.834 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

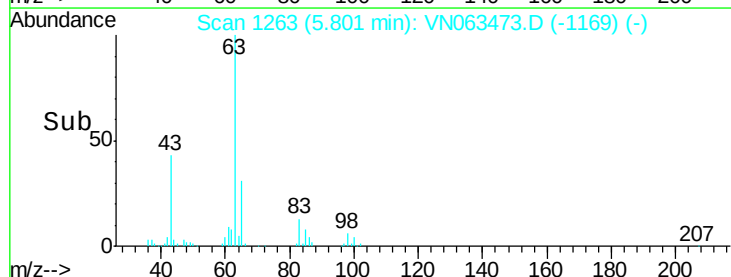
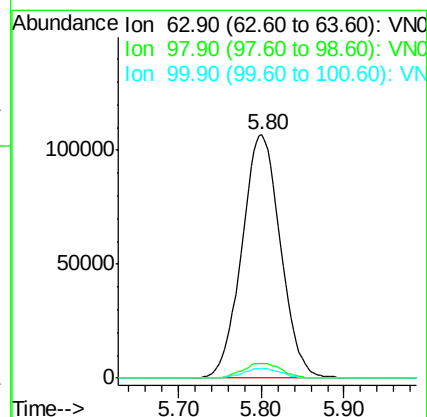
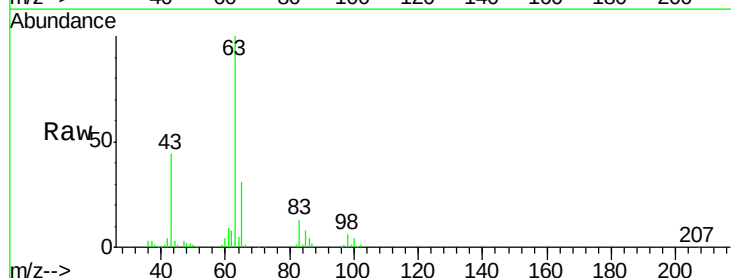
Tgt Ion: 63 Resp: 345595

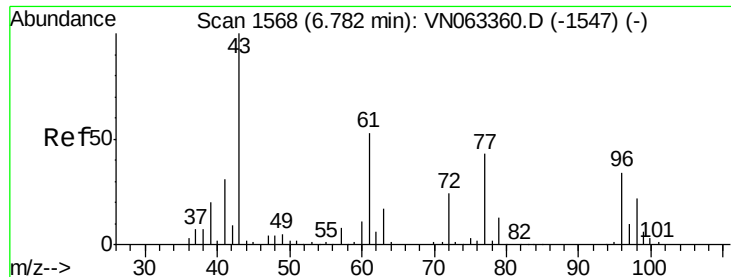
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 217.992 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 544550

Ion Ratio Lower Upper

43 100

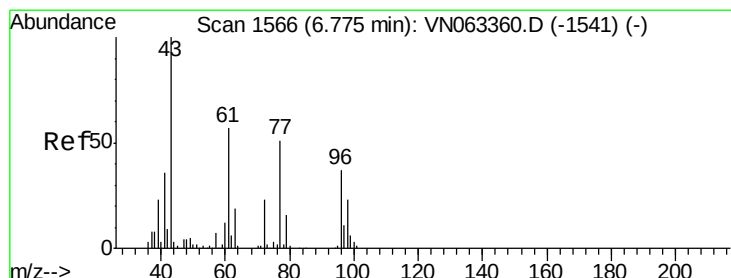
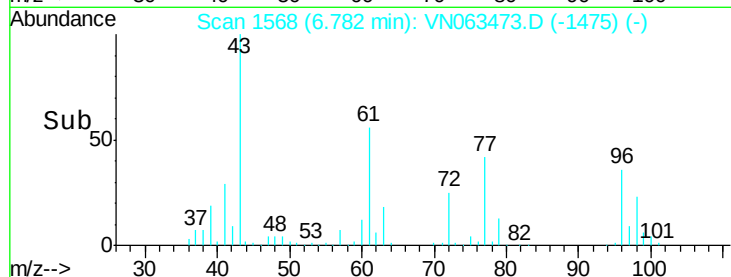
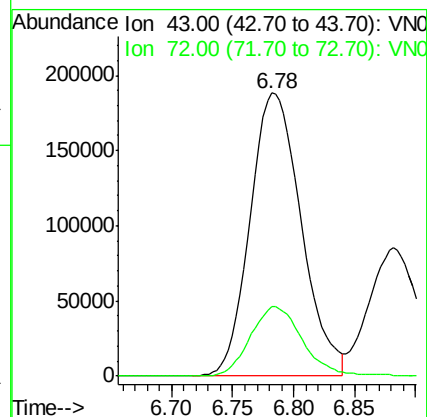
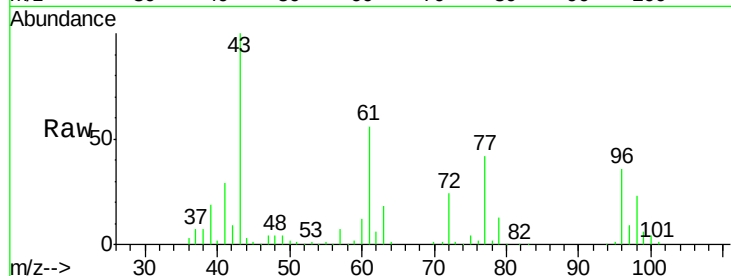
72 24.5 19.2 28.8

Manual Integrations

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MMDadoda

9/21/2020 11:49:56 AM



#26

2,2-Dichloropropane

Concen: 39.702 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063473.D

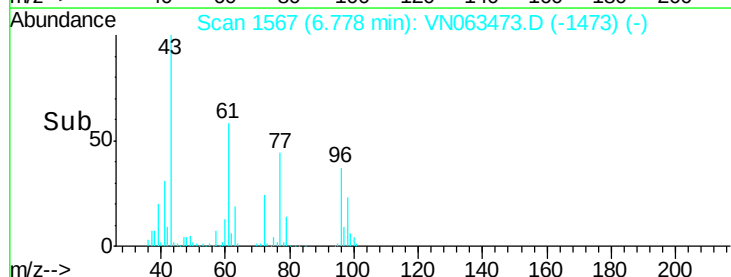
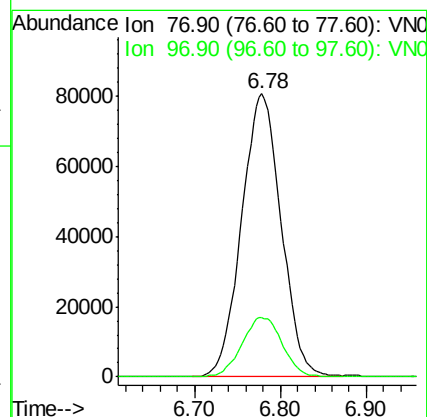
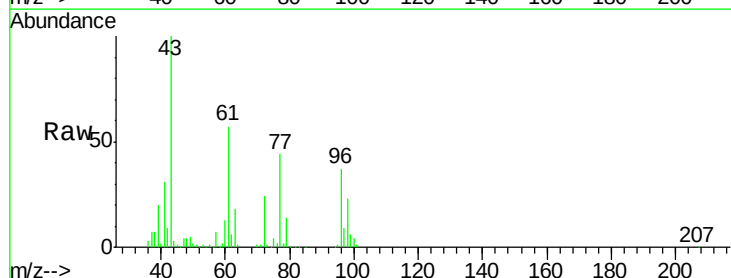
Acq: 18 Sep 2020 21:24

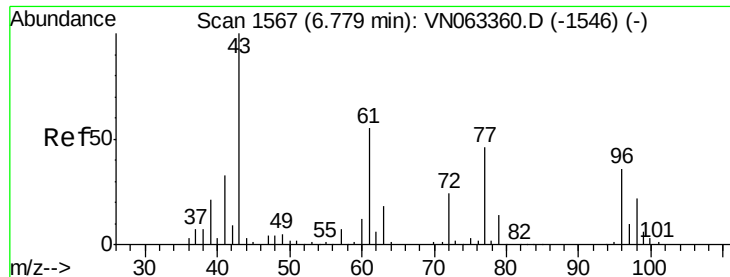
Tgt Ion: 77 Resp: 257938

Ion Ratio Lower Upper

77 100

97 21.4 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.399 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

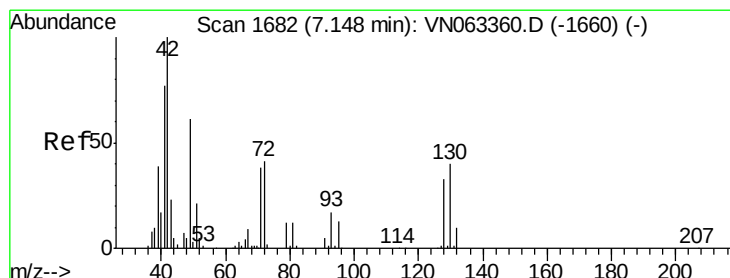
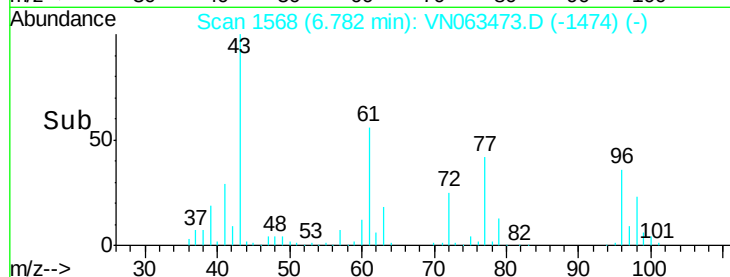
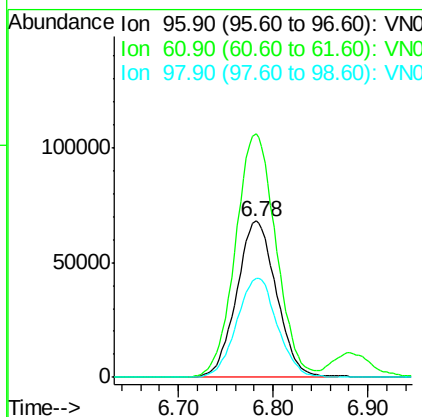
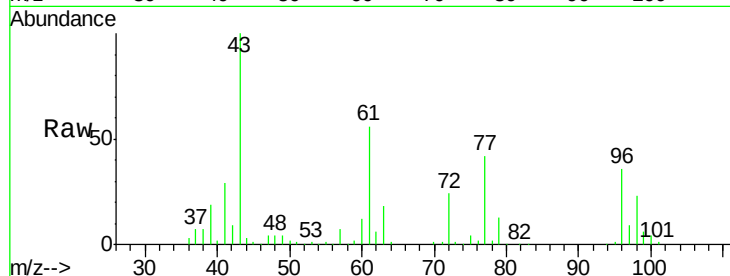
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	199146
Ion Ratio	Lower	Upper	
96	100		
61	158.5	0.0	319.6
98	64.7	0.0	127.8

Manual Integrations
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#28

Bromochloromethane

Concen: 46.704 ug/l

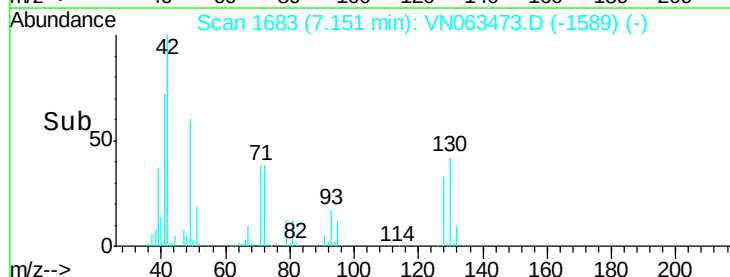
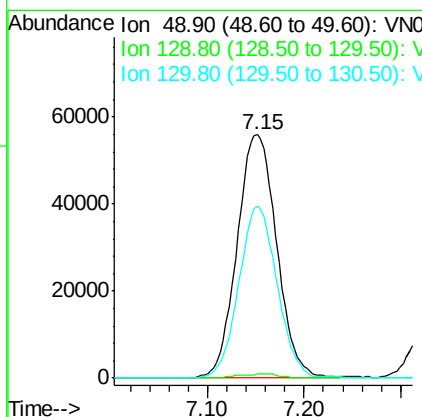
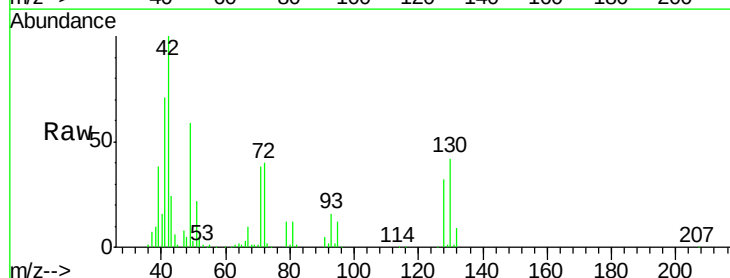
RT: 7.15 min Scan# 1683

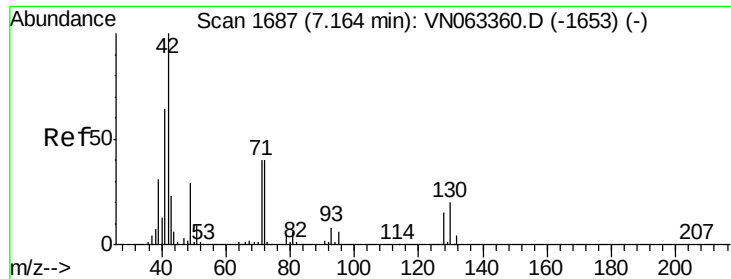
Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:	49	Resp:	159125
Ion Ratio	Lower	Upper	
49	100		
129	1.2	0.0	3.8
130	68.3	52.2	78.2





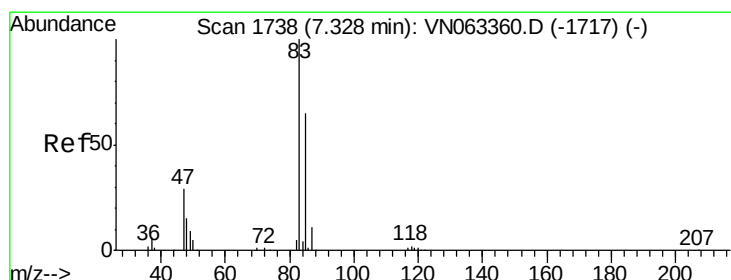
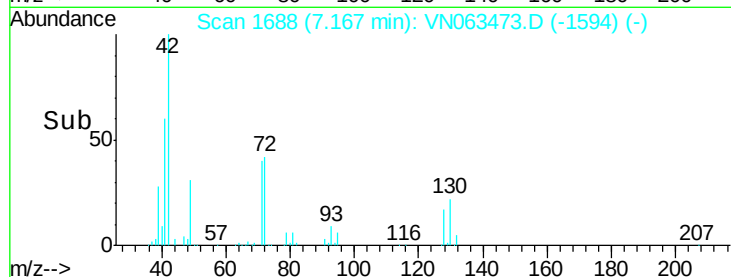
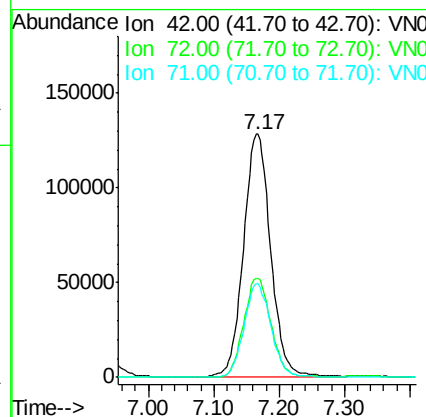
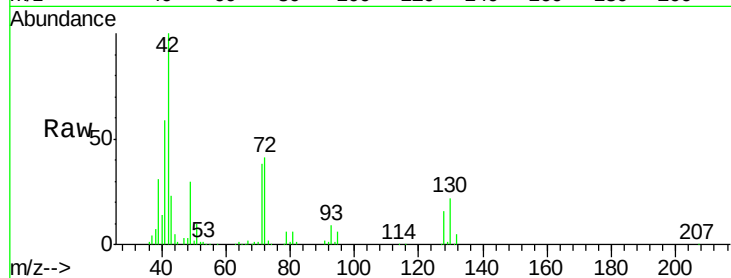
#29
Tetrahydrofuran
Concen: 218.688 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.1	48.1
71	37.9	31.2	46.8

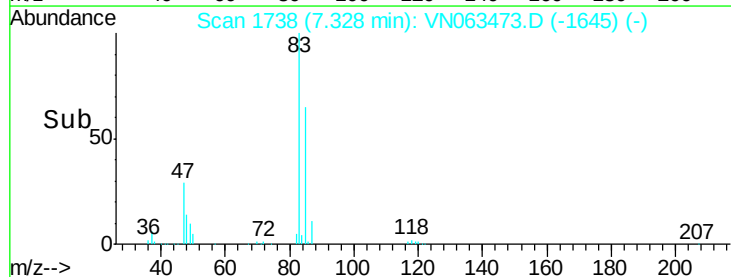
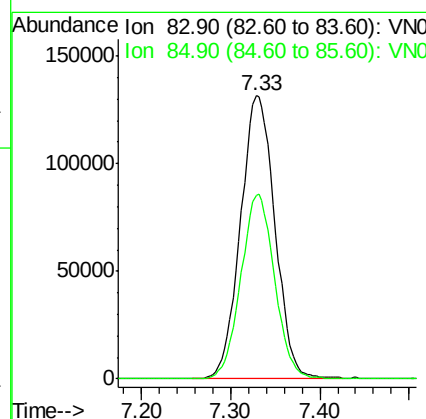
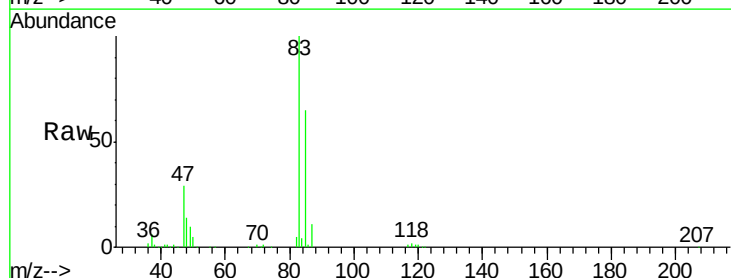
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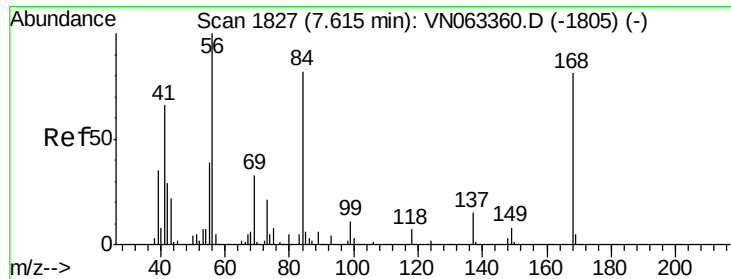
MMDadoda
9/21/2020 11:49:56 AM



#30
Chloroform
Concen: 47.716 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.1	78.1





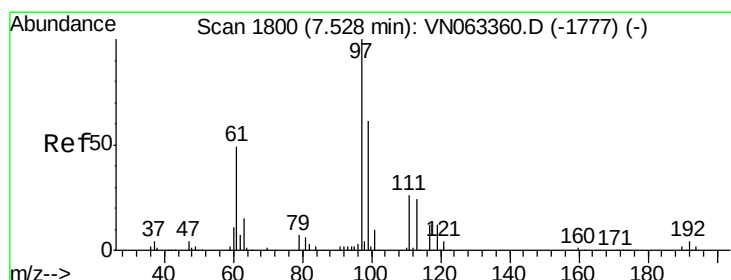
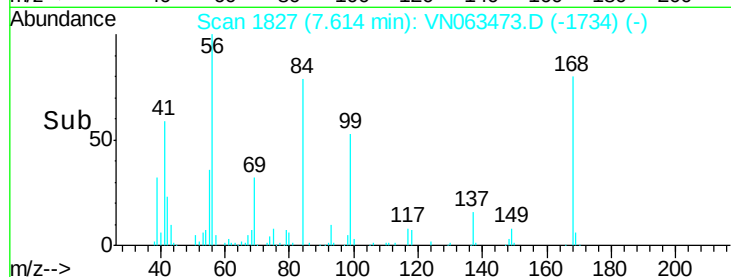
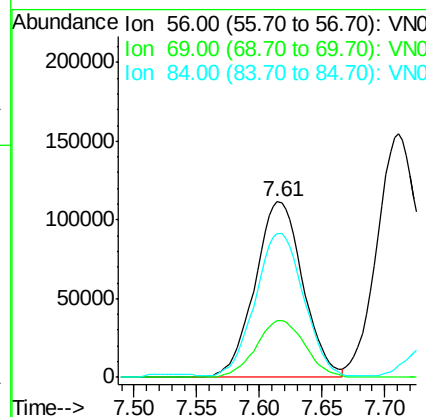
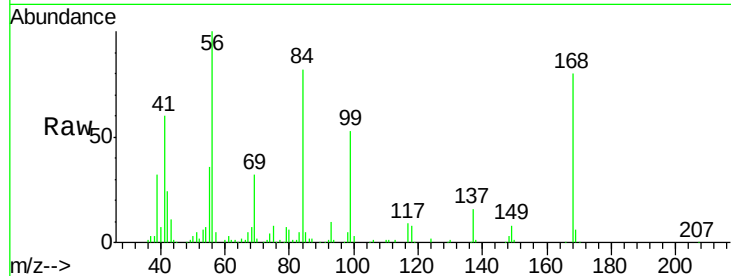
#31
Cyclohexane
Concen: 42.582 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.1	39.1
84	81.1	65.4	98.2

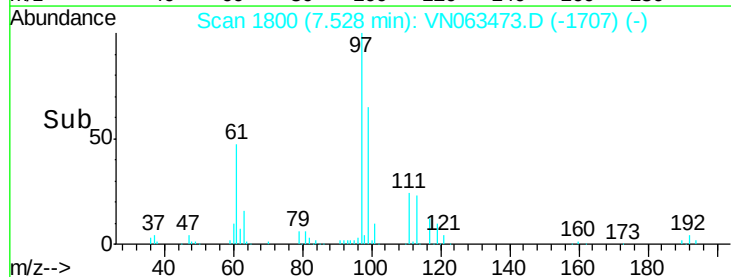
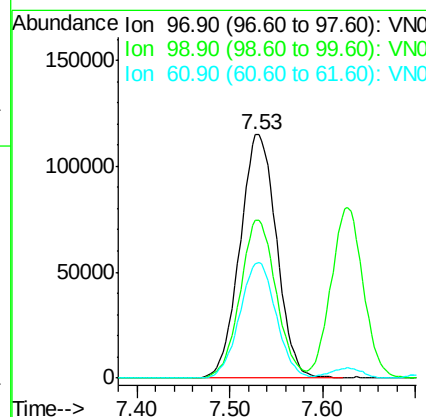
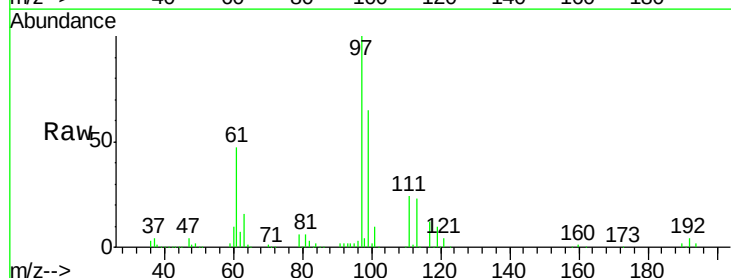
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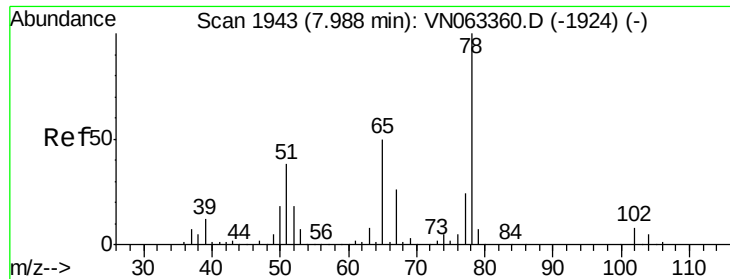
MMDadoda
9/21/2020 11:49:56 AM



#32
1,1,1-Trichloroethane
Concen: 47.844 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.6	76.0
61	47.1	39.2	58.8





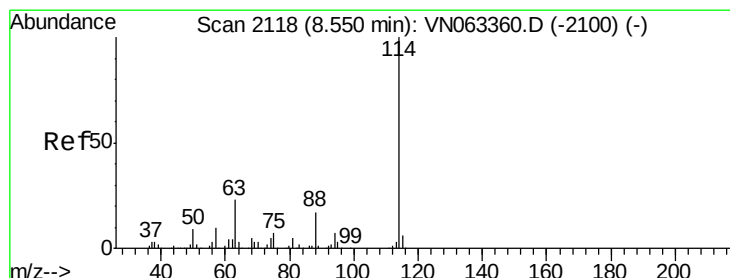
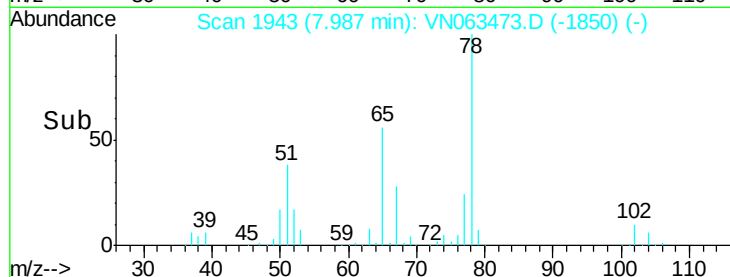
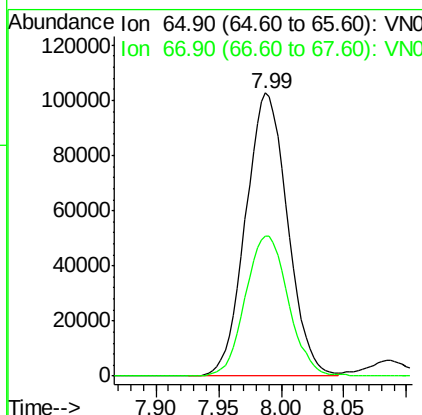
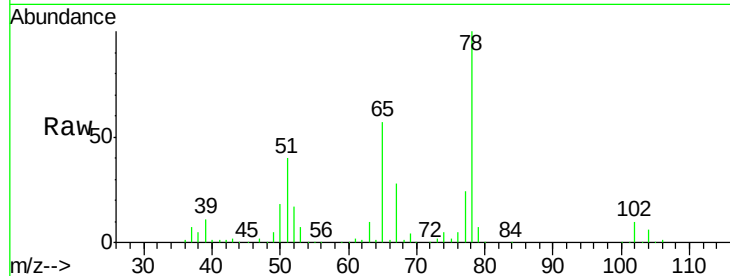
#33
 1,2-Dichloroethane-d4
 Concen: 47.344 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	239269		
67	50.7	0.0	104.2	

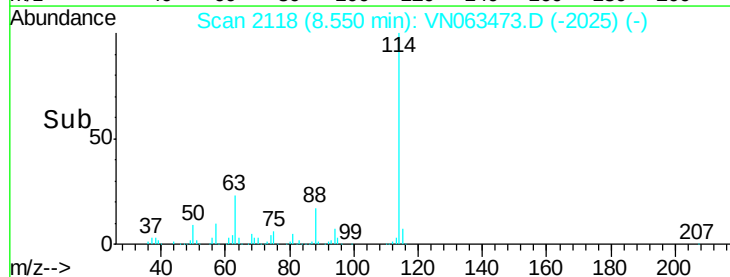
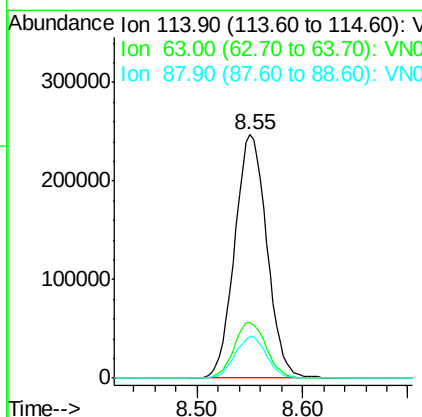
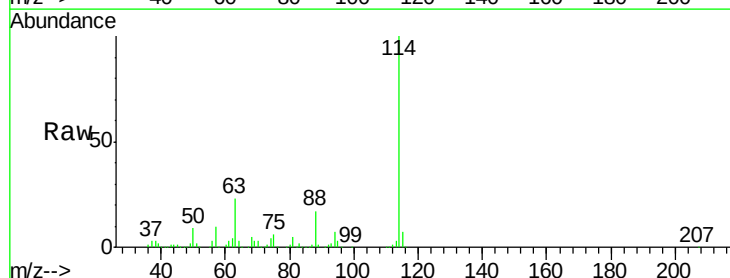
Manual Integrations
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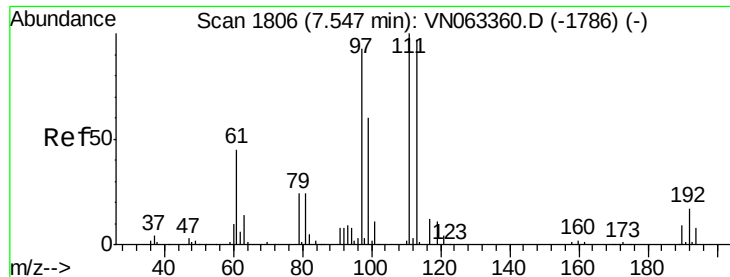
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	522162		
63	22.9	0.0	46.4	
88	16.8	0.0	33.2	





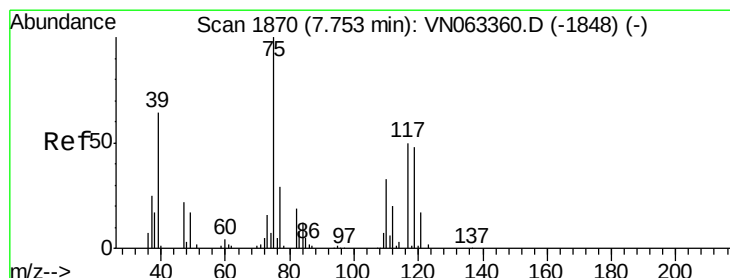
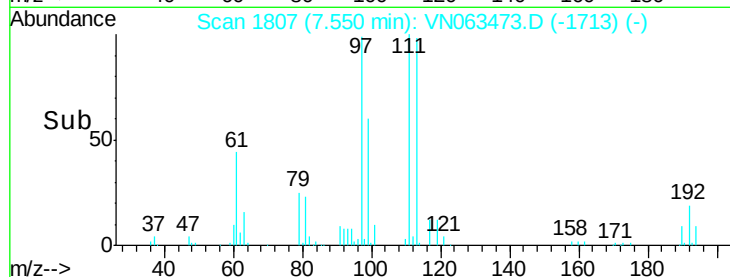
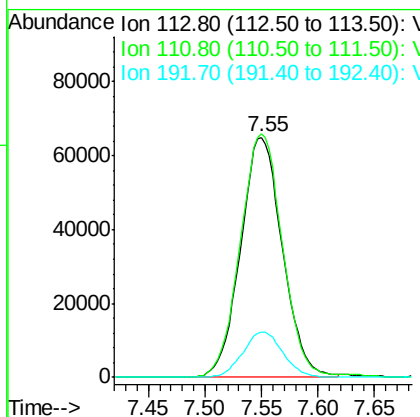
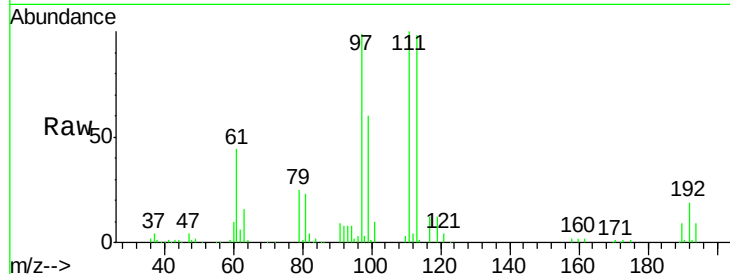
#35
 Dibromofluoromethane
 Concen: 46.186 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166953		
111	103.2	82.9	124.3	
192	18.2	13.9	20.9	

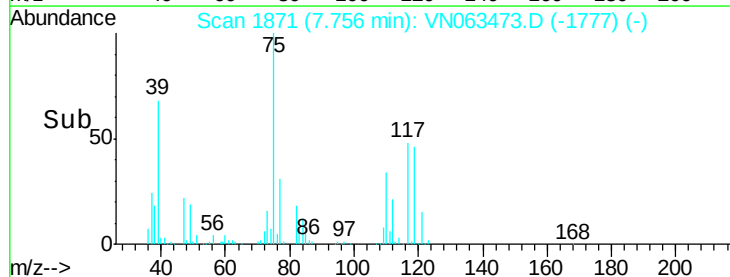
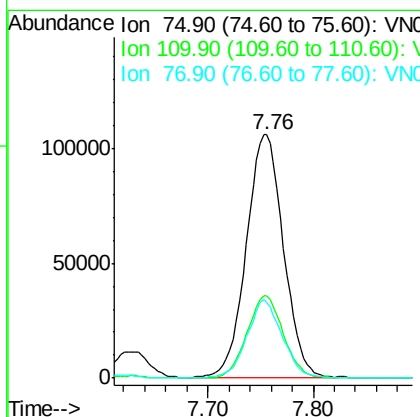
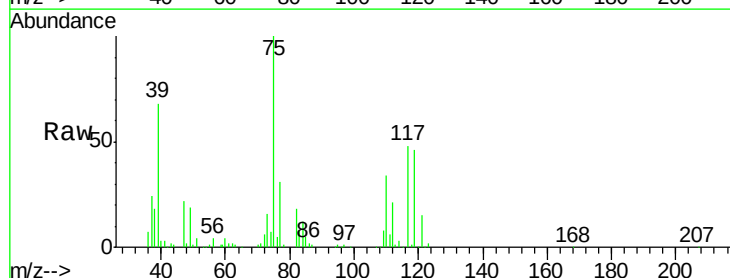
Manual Integrations
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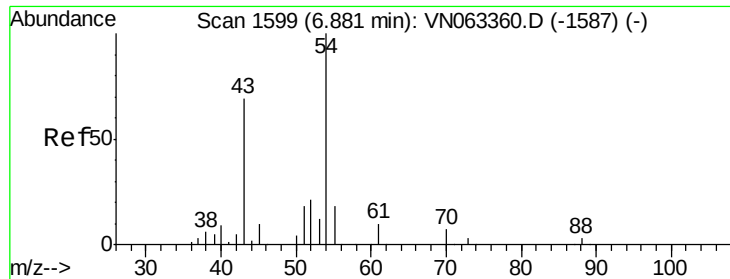
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 46.505 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	258702		
110	33.2	16.5	49.5	
77	30.7	24.6	36.8	





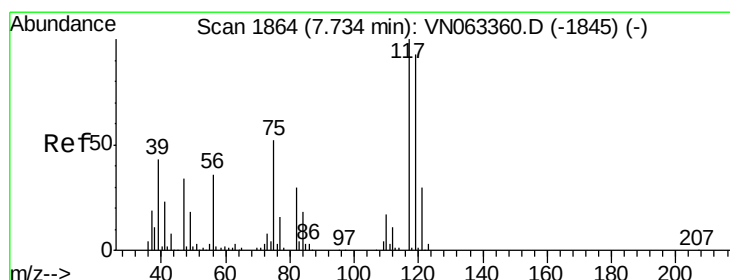
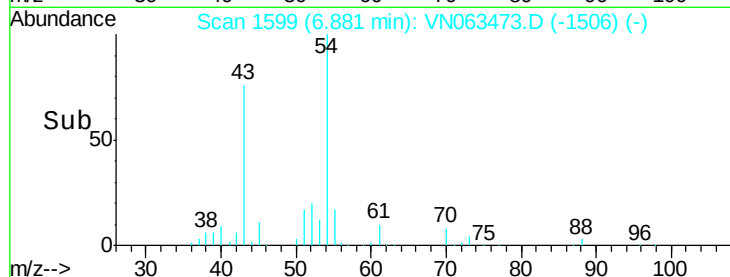
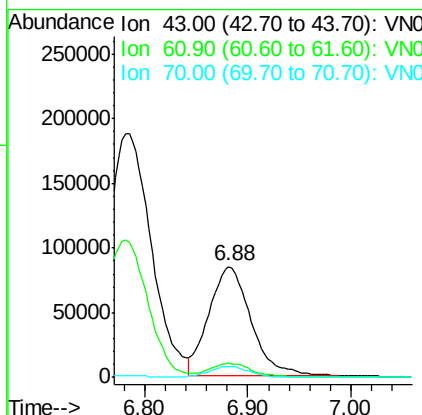
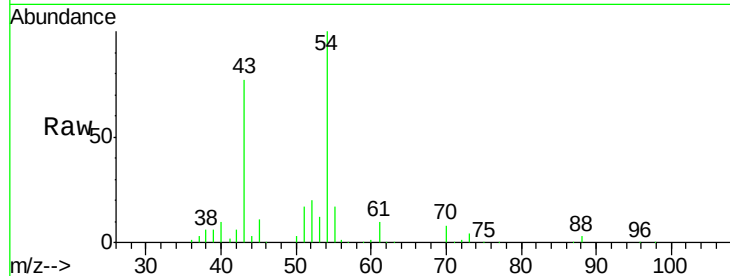
#37
Ethyl Acetate
Concen: 44.204 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.6	15.8
70	10.0	7.2	10.8

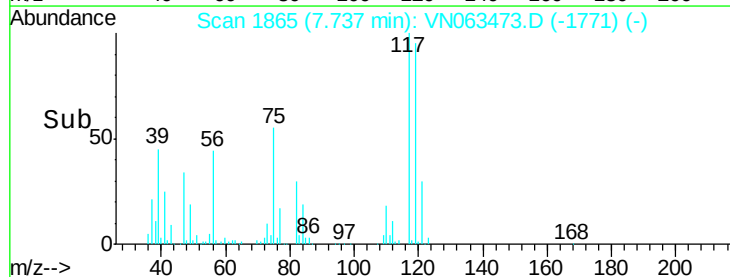
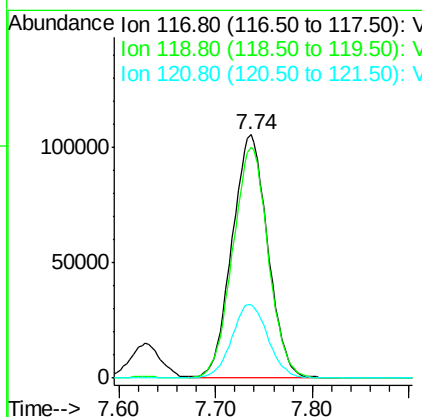
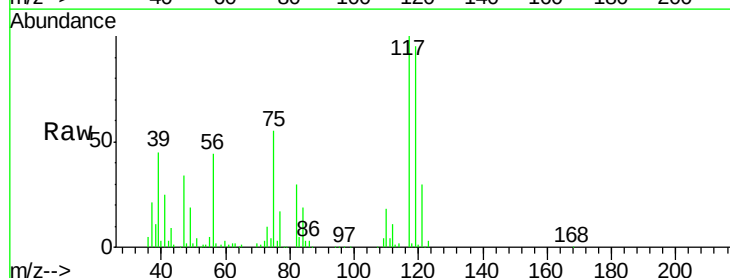
Manual Integrations
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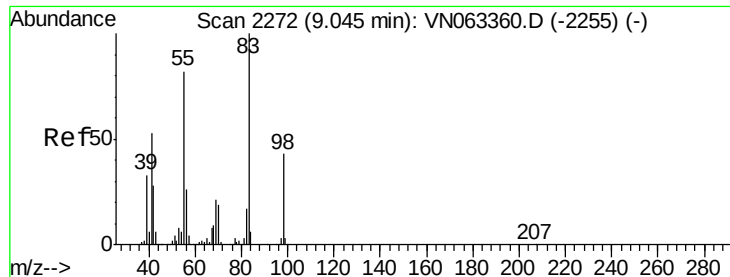
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#38
Carbon Tetrachloride
Concen: 47.475 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.5	111.7
121	30.1	24.1	36.1





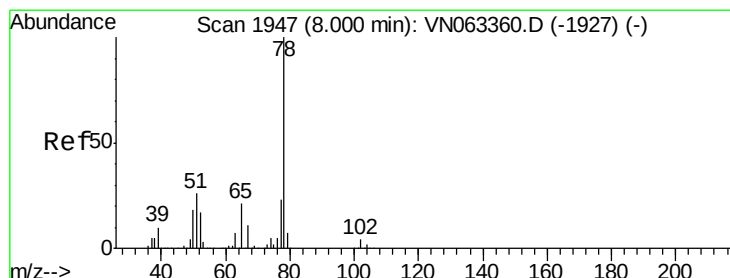
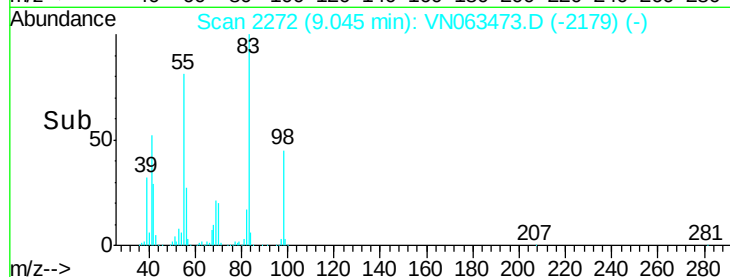
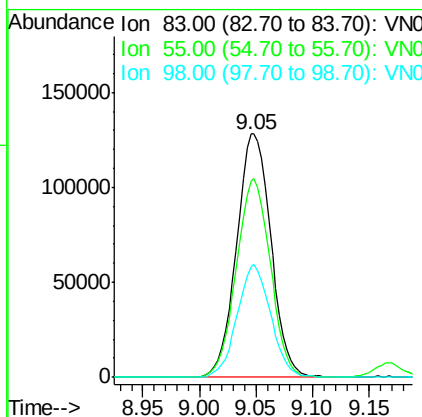
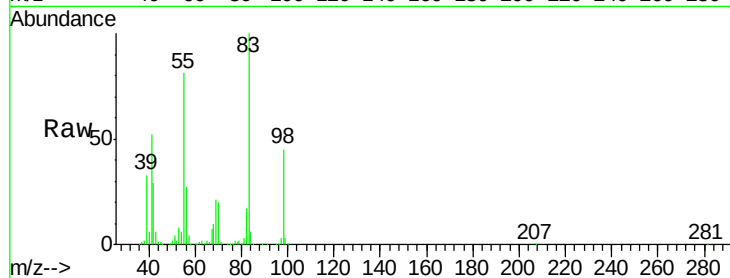
#39
Methylvlcyclohexane
Concen: 45.043 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	65.5	98.3
98	45.5	34.2	51.4

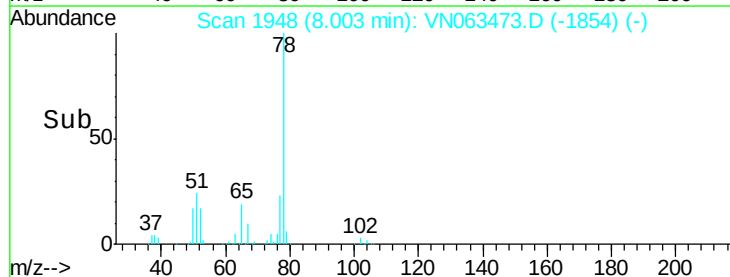
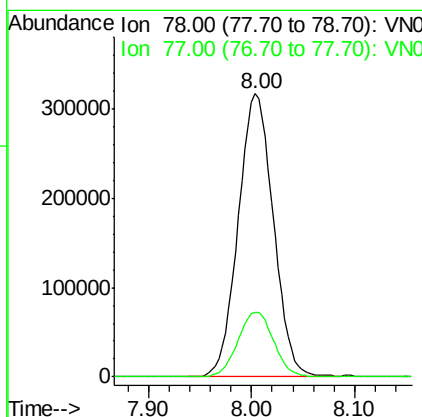
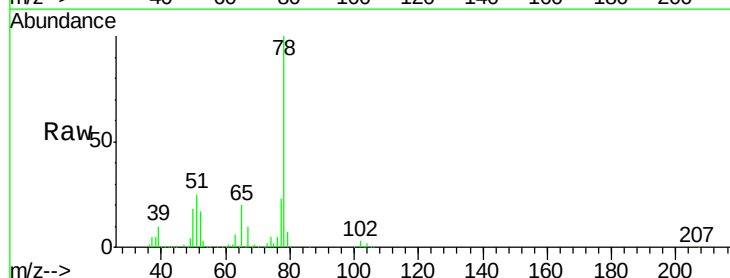
Manual Integrations
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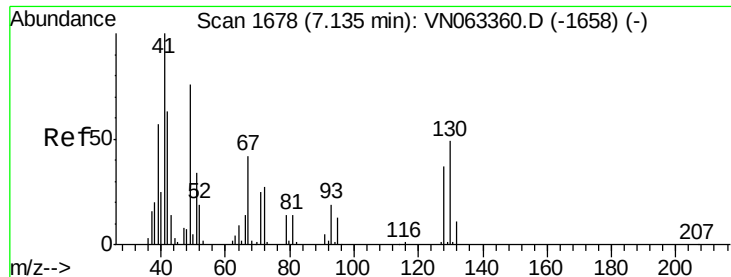
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#40
Benzene
Concen: 47.303 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.3	27.5





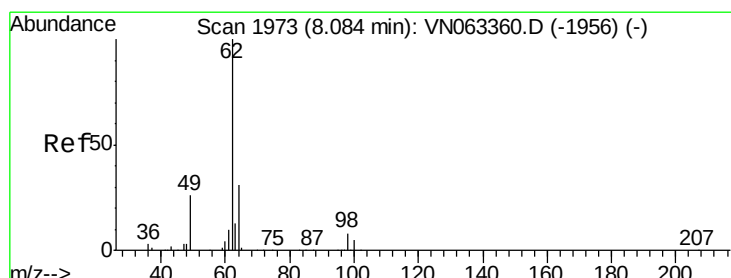
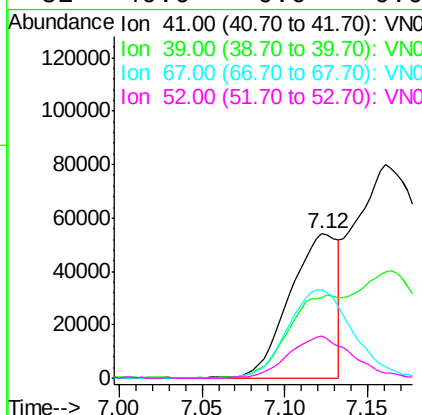
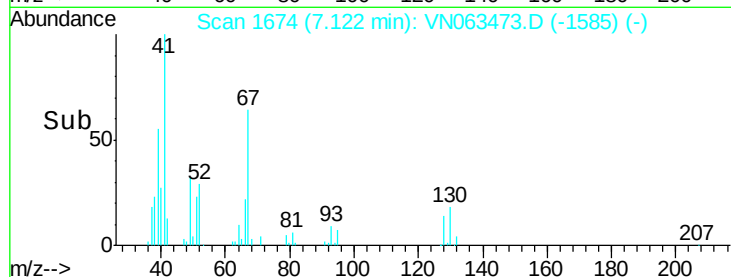
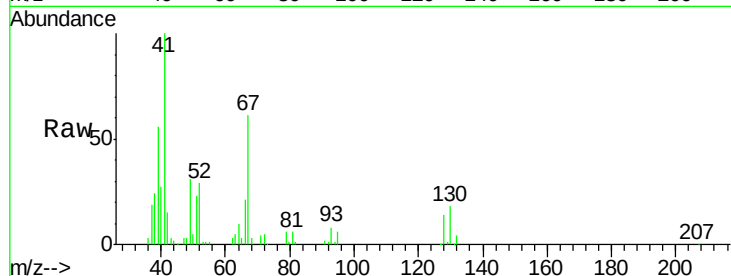
#41
Methacrylonitrile
Concen: 44.258 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	63.8	0.0	0.0	#
67	84.8	0.0	0.0	#
52	40.0	0.0	0.0	#

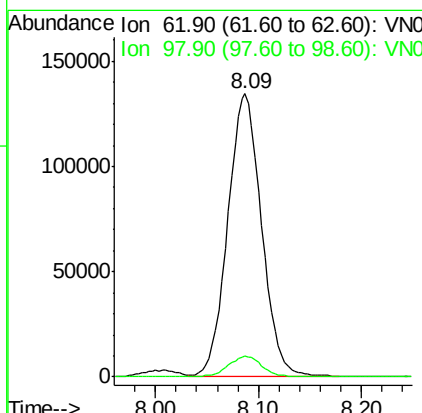
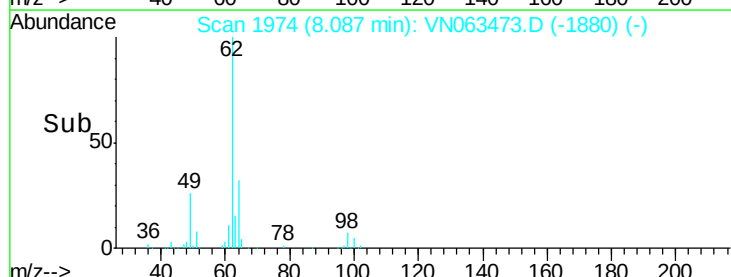
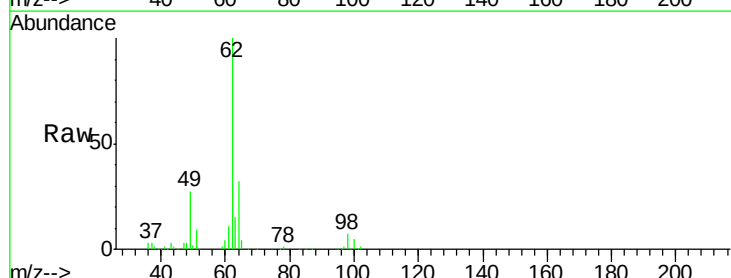
Manual Integrations
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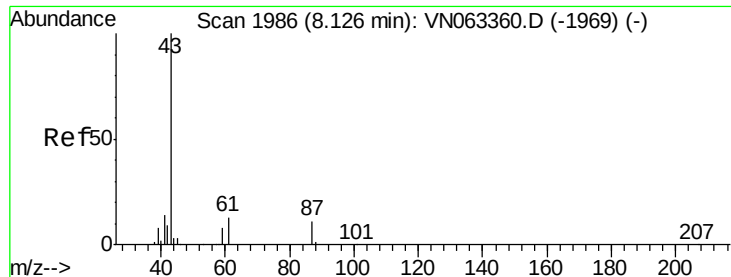
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.658 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

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





#43

Isopropyl Acetate

Concen: 44.152 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

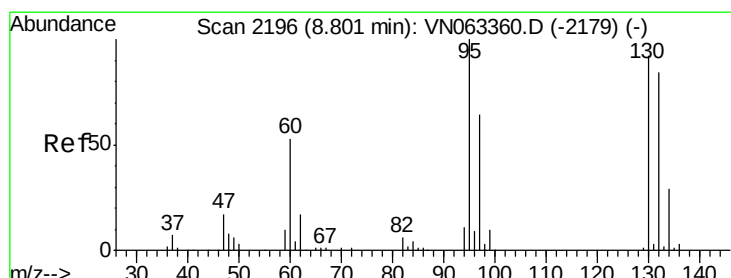
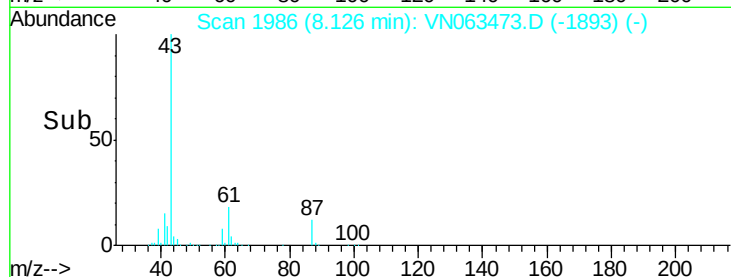
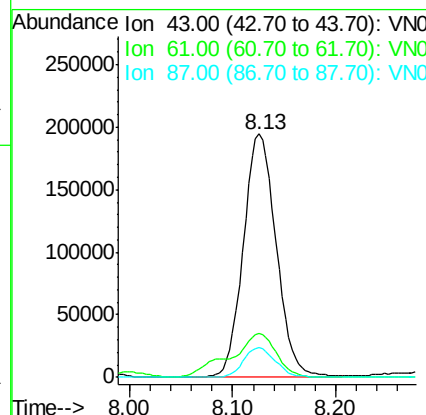
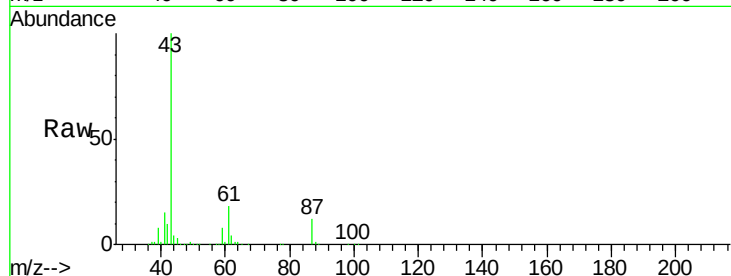
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	431036
Ion	Ratio	Lower	Upper
43	100		
61	25.2	14.2	21.2#
87	12.0	9.0	13.6

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#44

Trichloroethene

Concen: 48.569 ug/l

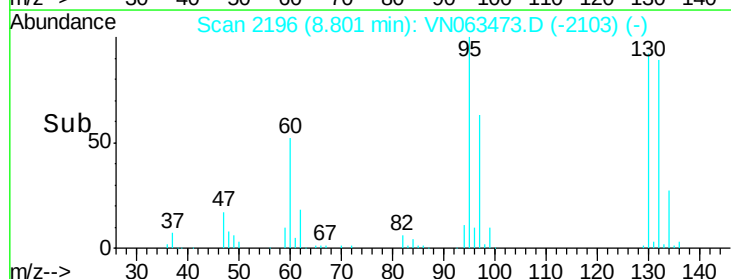
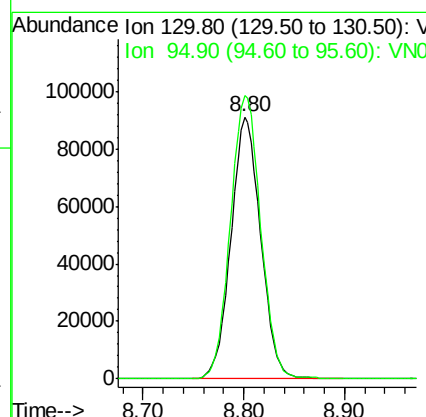
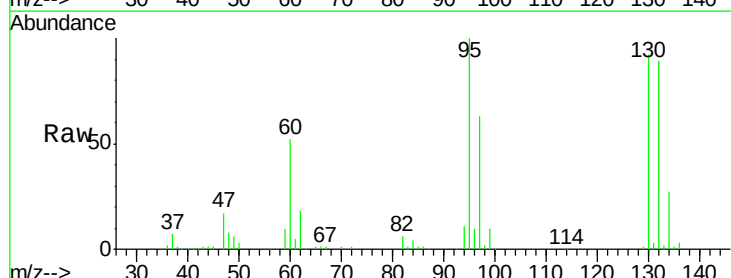
RT: 8.80 min Scan# 2196

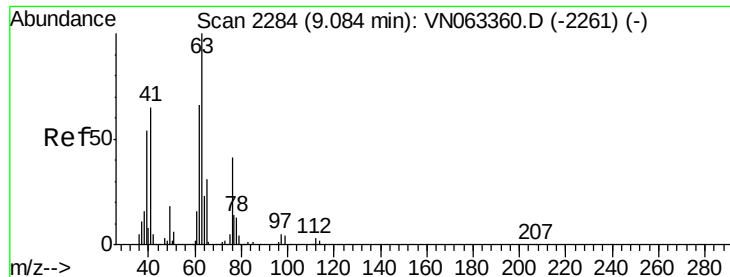
Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:	130	Resp:	187069
Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	217.4





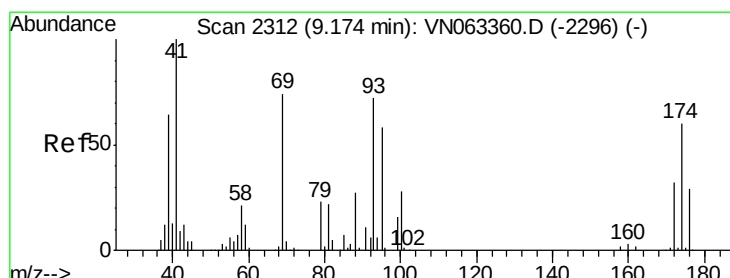
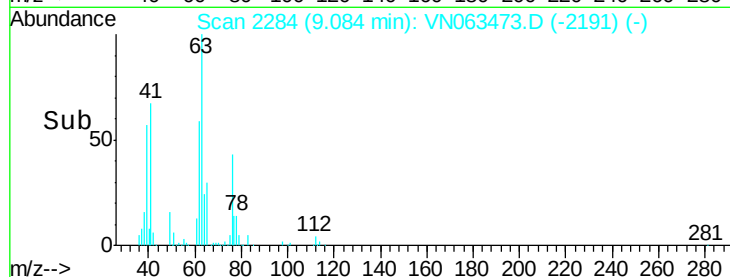
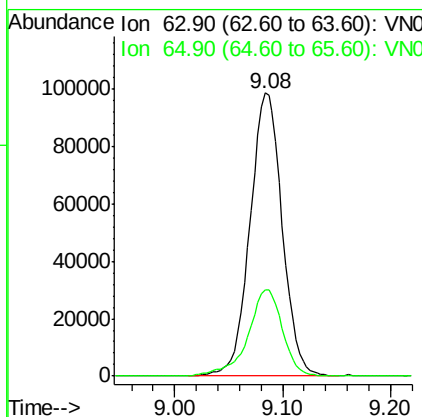
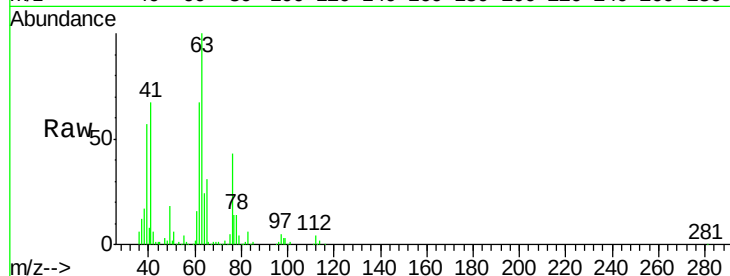
#45
 1,2-Dichloropropane
 Concen: 47.332 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 204712
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.6

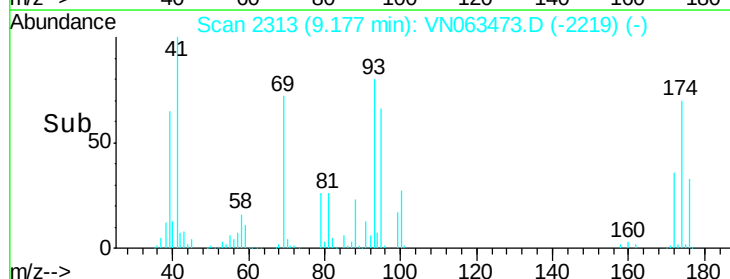
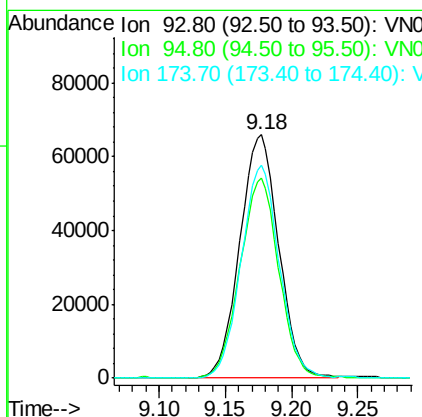
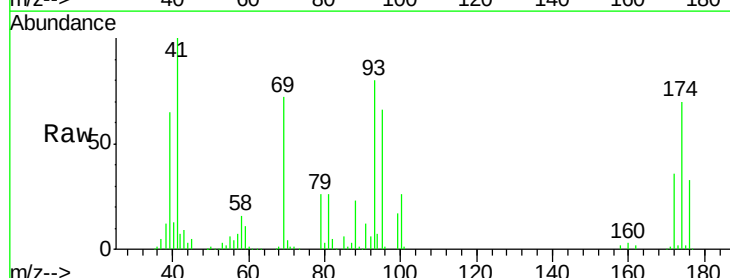
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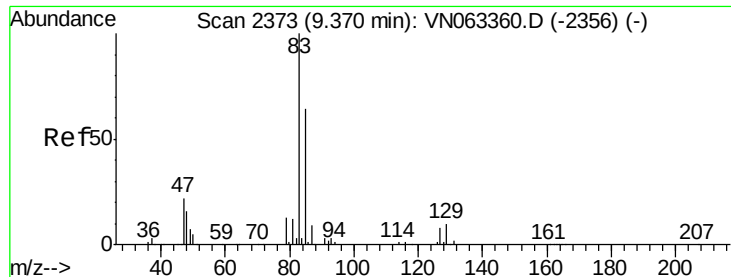
MMDadoda
 9/21/2020 11:49:56 AM



#46
 Dibromomethane
 Concen: 47.496 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion: 93 Resp: 135015
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.6 98.4
 174 85.5 68.1 102.1





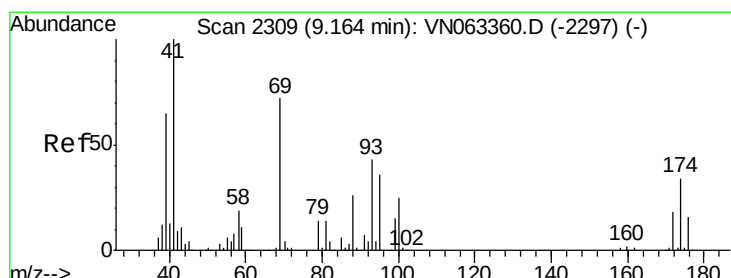
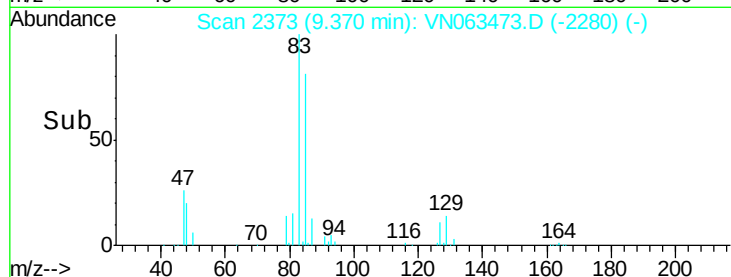
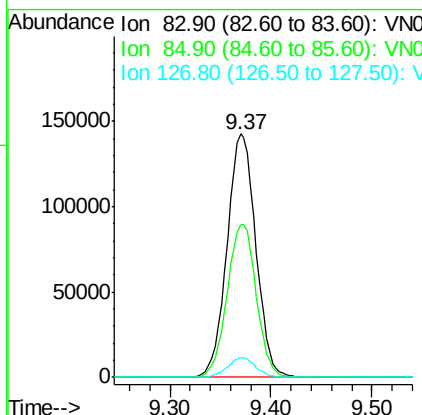
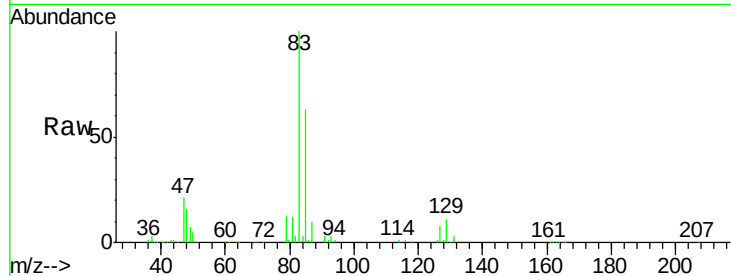
#47
 Bromodichloromethane
 Concen: 47.965 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.0	76.6
127	8.2	6.3	9.5

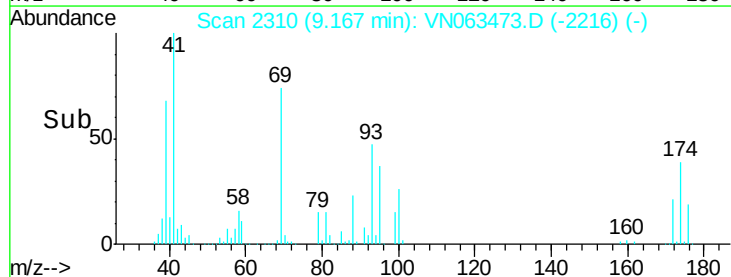
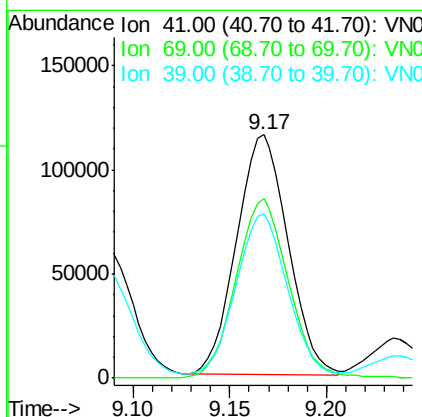
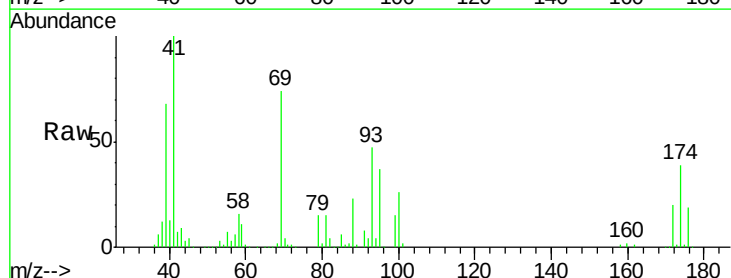
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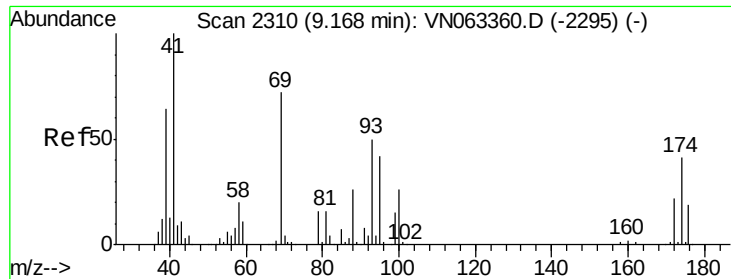
MMDadoda
 9/21/2020 11:49:56 AM



#48
 Methyl methacrylate
 Concen: 44.420 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.6	59.3	88.9
39	69.6	52.9	79.3





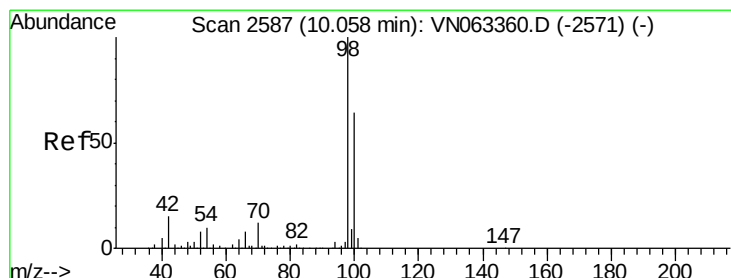
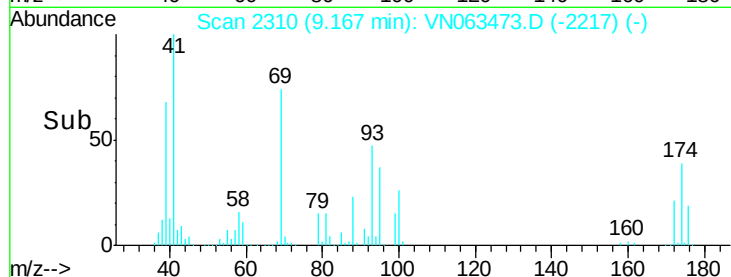
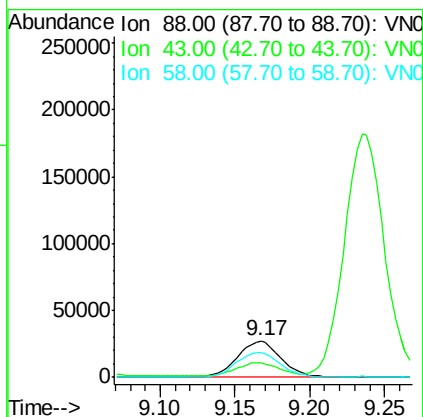
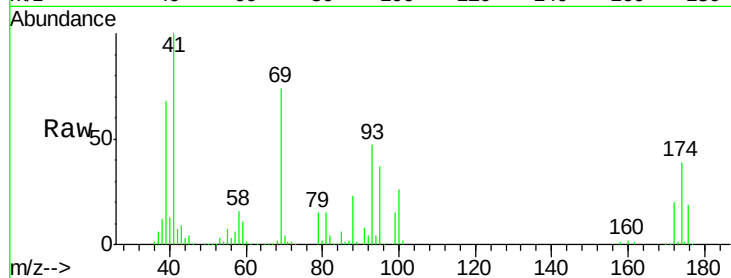
#49
1,4-Dioxane
Concen: 795.914 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	32.6	49.0
58	70.0	60.0	90.0

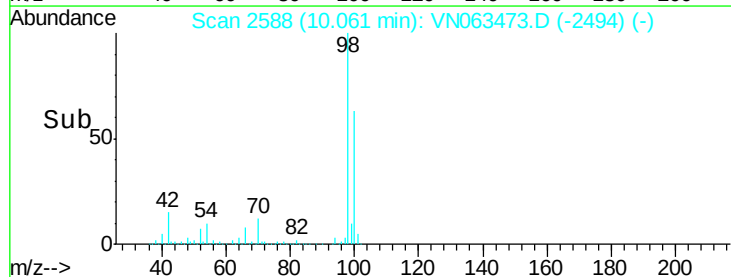
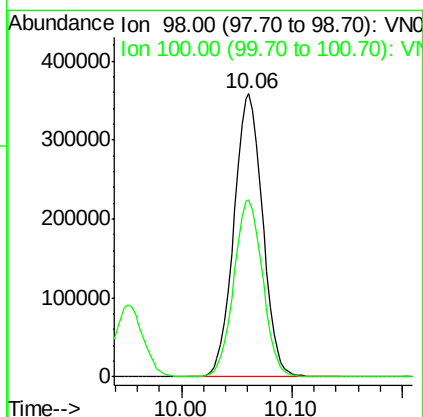
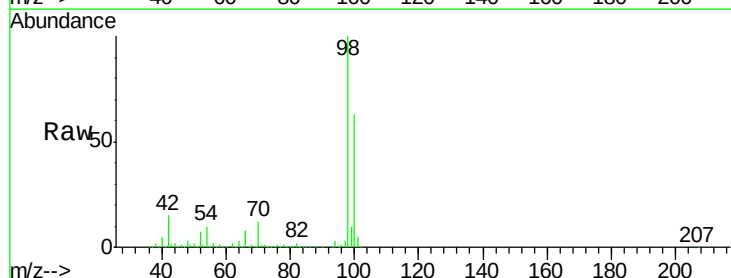
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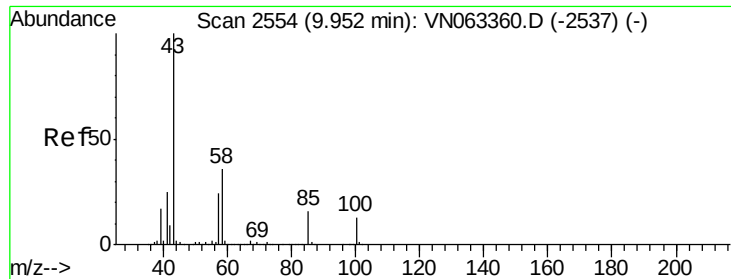
MMDadoda
9/21/2020 11:49:56 AM



#50
Toluene-d8
Concen: 47.597 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 227.283 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1242201

Ion Ratio Lower Upper

43 100

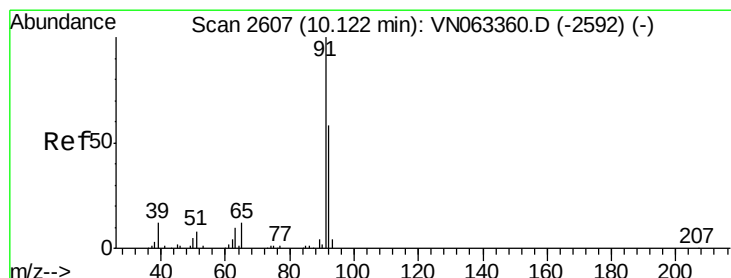
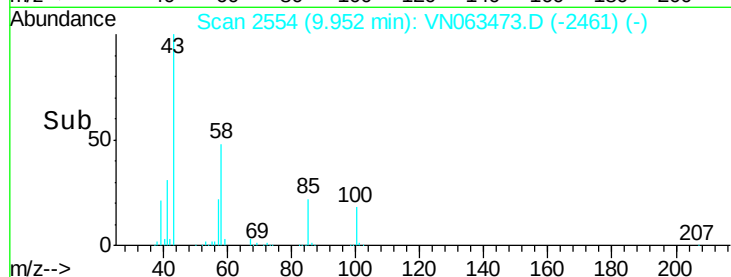
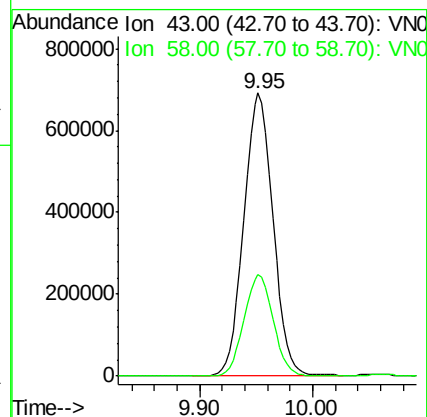
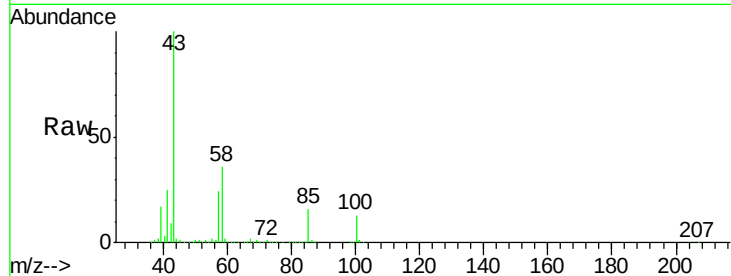
58 35.9 29.0 43.6

Manual Integrations

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#52

Toluene

Concen: 50.828 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063473.D

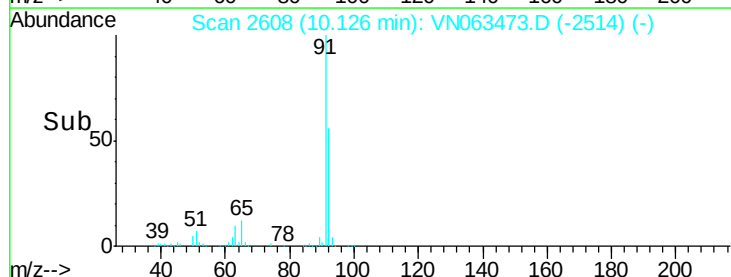
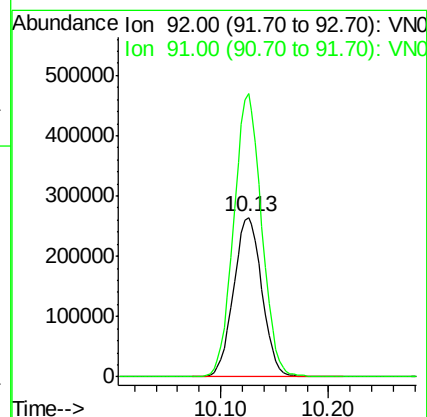
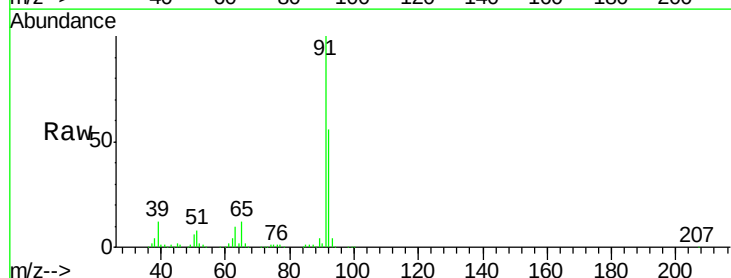
Acq: 18 Sep 2020 21:24

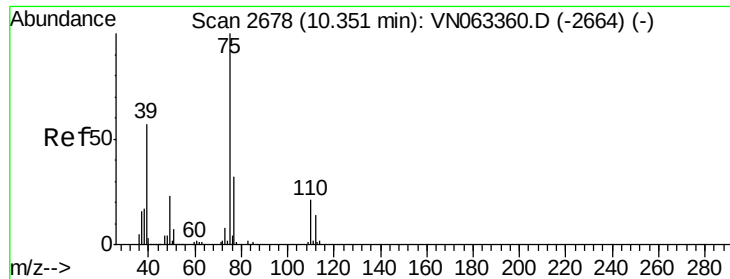
Tgt Ion: 92 Resp: 485283

Ion Ratio Lower Upper

92 100

91 174.9 139.7 209.5





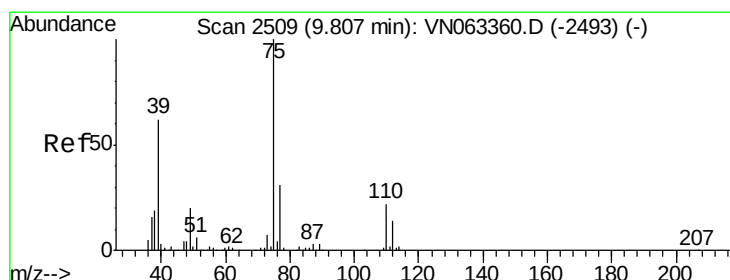
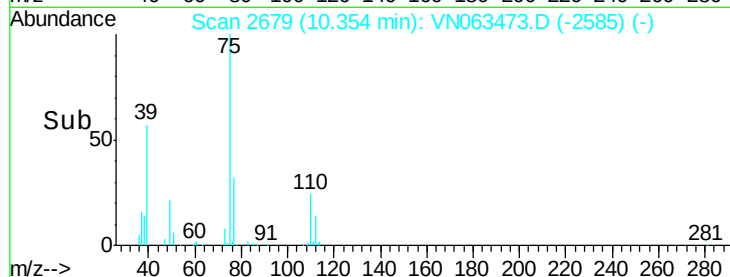
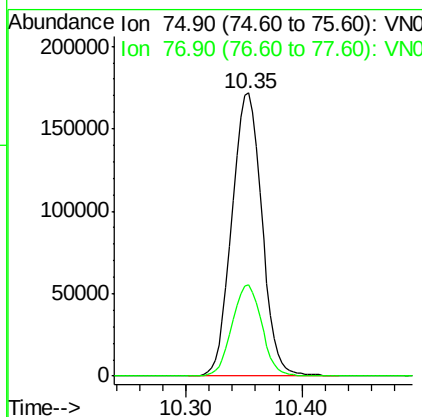
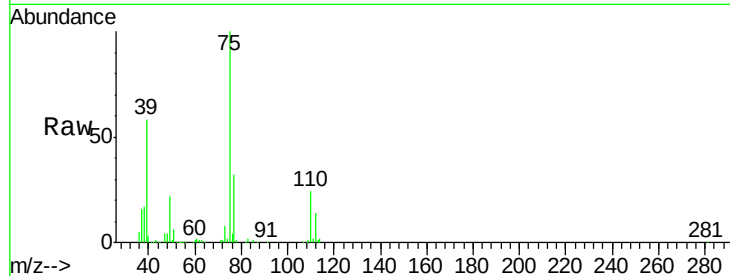
#53
t-1,3-Dichloropropene
Concen: 46.691 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 307827
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

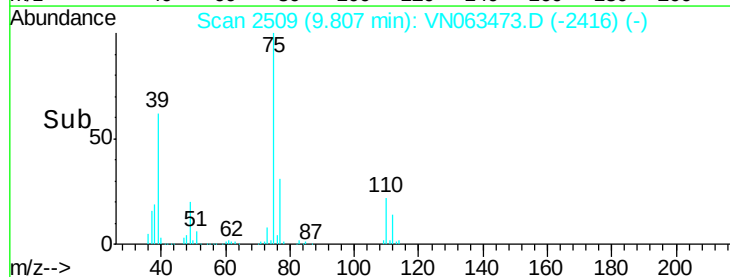
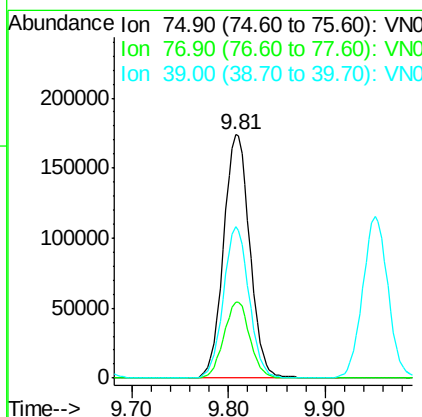
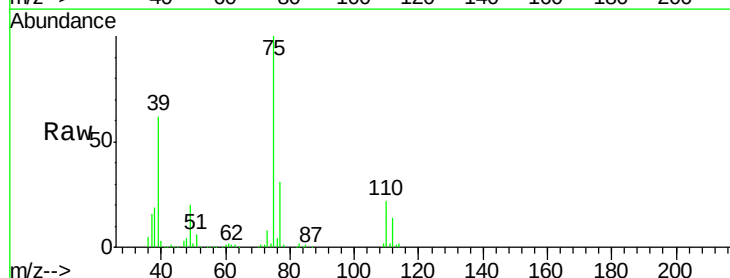
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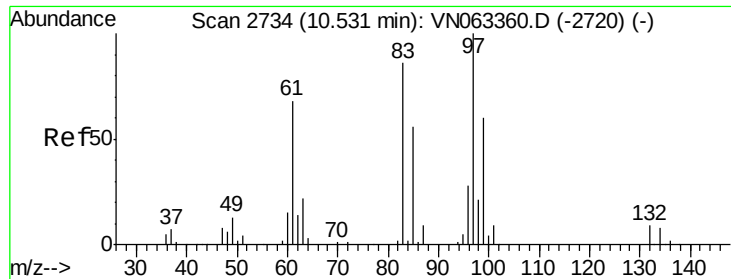
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.118 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 75 Resp: 327666
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0
39 61.9 49.8 74.8





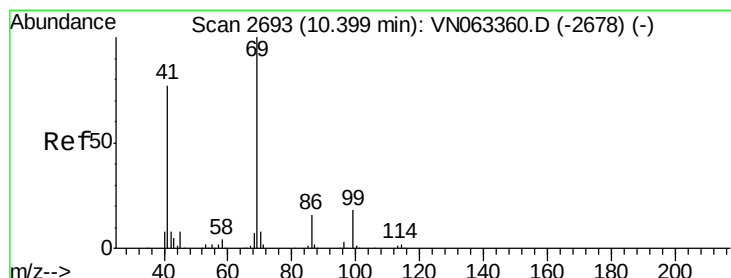
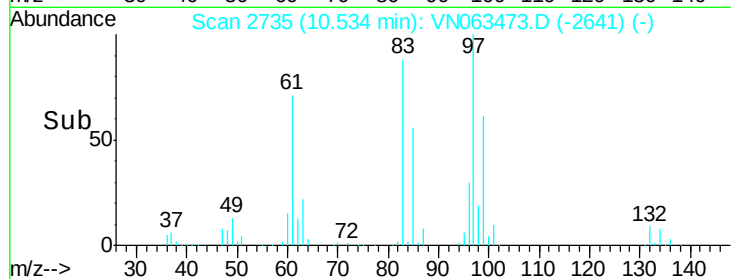
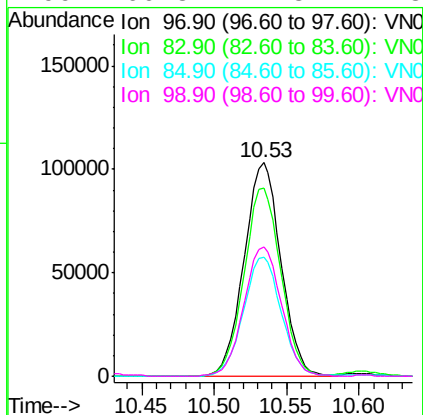
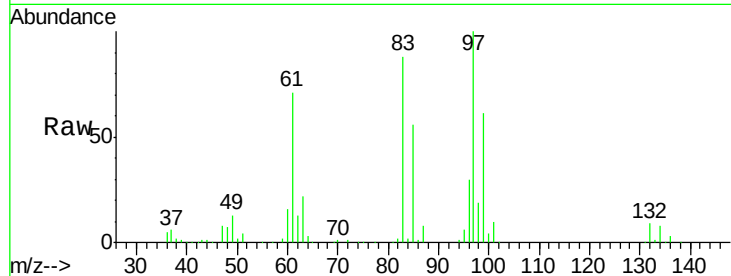
#55
 1,1,2-Trichloroethane
 Concen: 48.210 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		182831		
83	88.3	68.9	103.3		
85	56.0	44.8	67.2		
99	60.8	47.8	71.8		

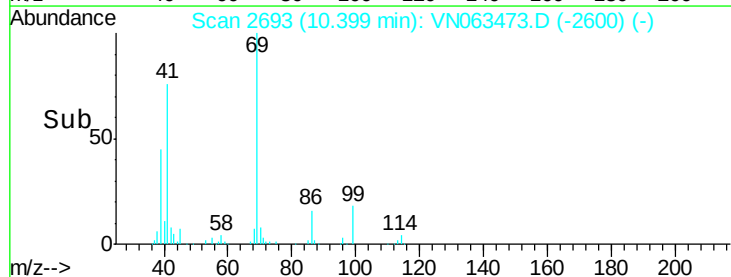
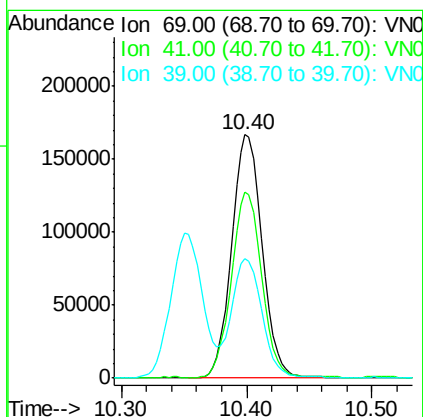
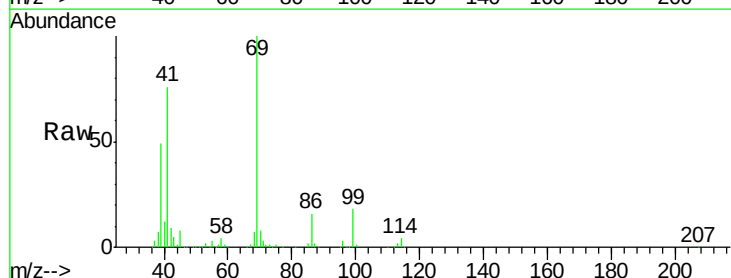
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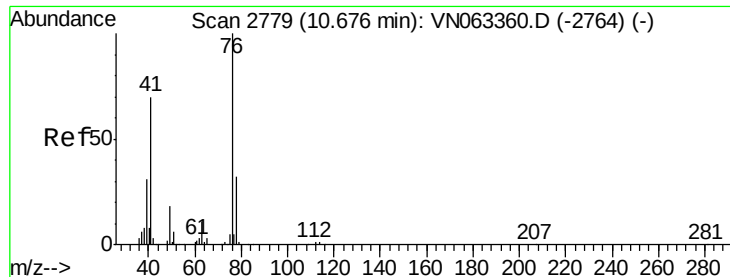
MMDadoda
 9/21/2020 11:49:56 AM



#56
 Ethyl methacrylate
 Concen: 47.856 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		283324		
41	74.9	61.0	91.6		
39	49.2	39.2	58.8		





#57

1,3-Dichloropropane

Concen: 46.366 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 317090

Ion Ratio Lower Upper

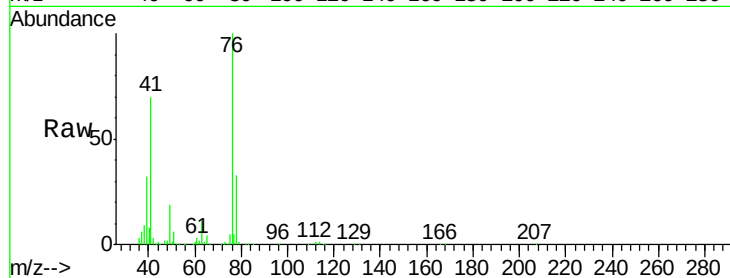
76 100

78 32.7 25.8 38.8

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MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

200000

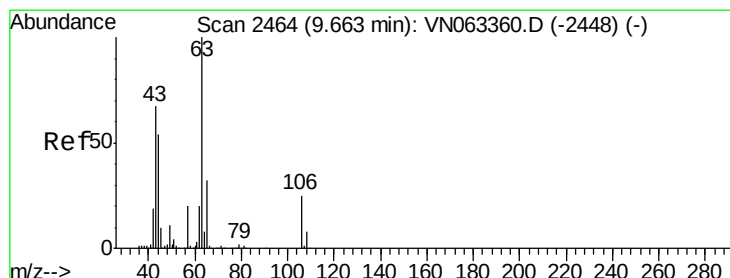
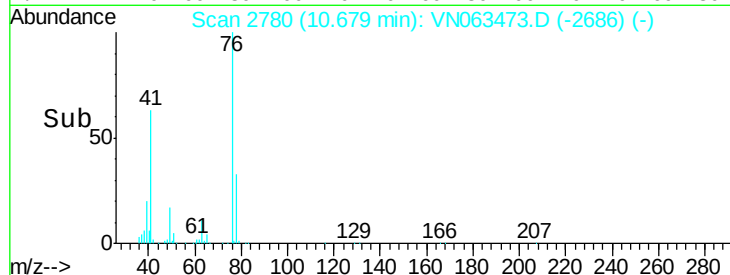
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 227.825 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063473.D

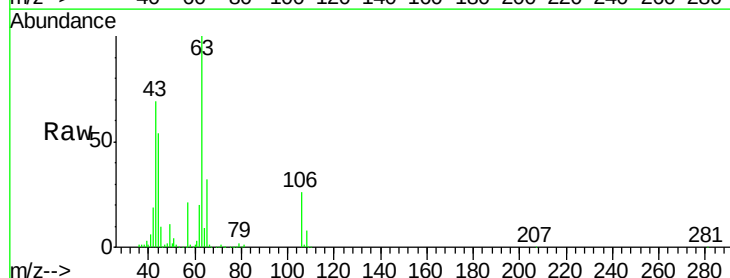
Acq: 18 Sep 2020 21:24

Tgt Ion: 63 Resp: 707553

Ion Ratio Lower Upper

63 100

106 25.8 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

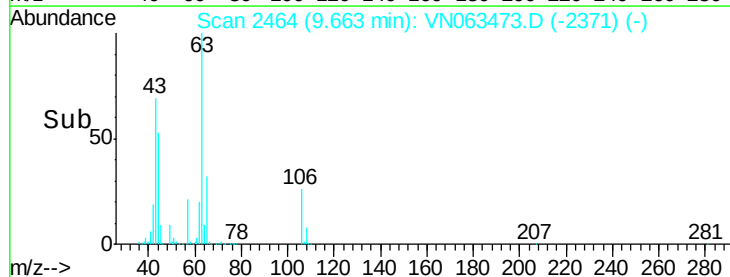
300000

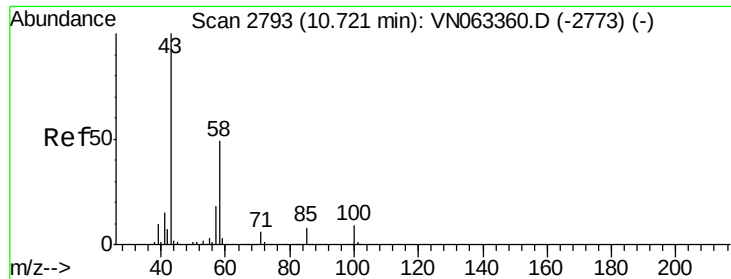
200000

100000

0

Time-->





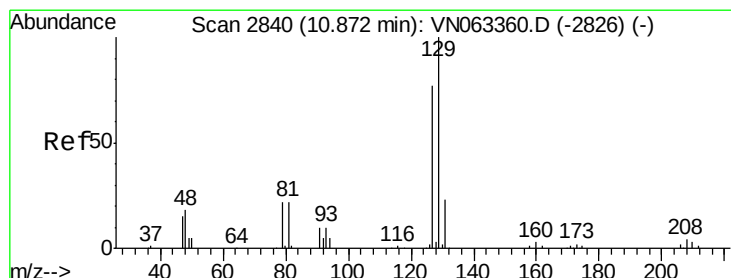
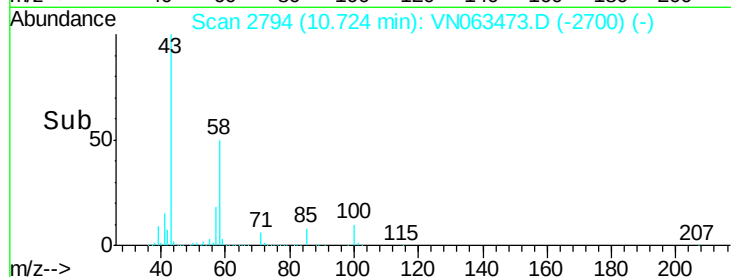
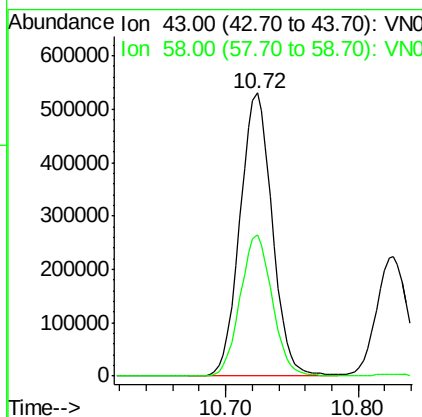
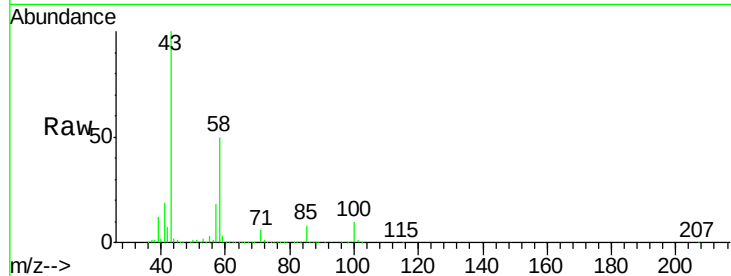
#59
2-Hexanone
Concen: 225.601 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 893281
Ion Ratio Lower Upper
43 100
58 49.9 24.7 74.1

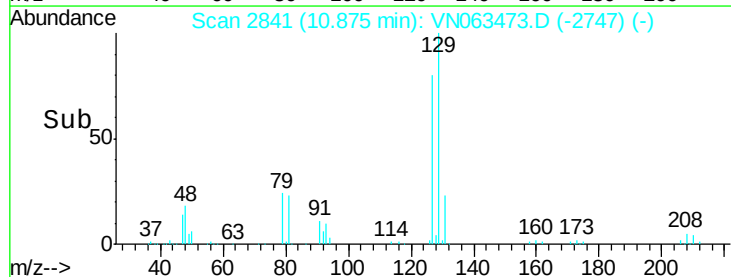
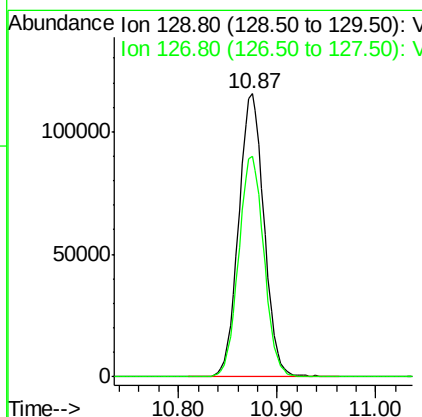
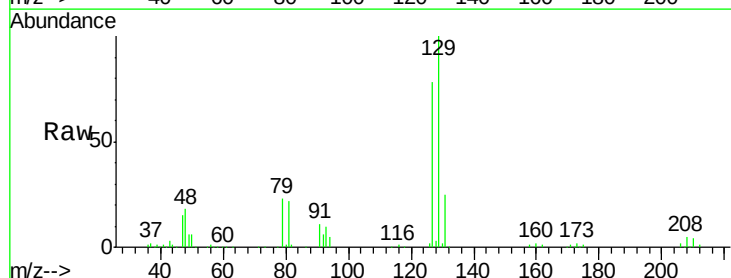
Manual Integrations
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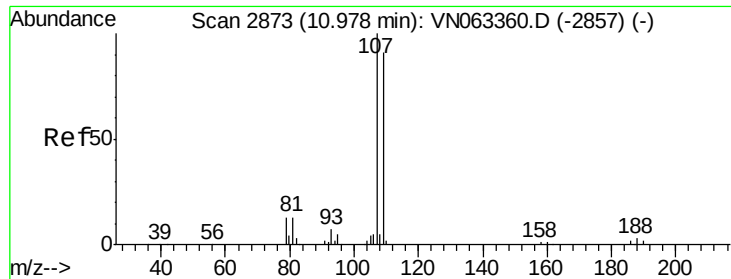
MMDadoda
9/21/2020 11:49:56 AM



#60
Dibromochloromethane
Concen: 48.049 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 129 Resp: 205859
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 48.595 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 191463

Ion Ratio Lower Upper

107 100

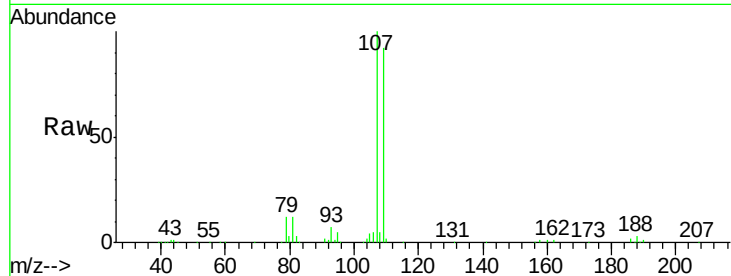
109 94.3 74.6 111.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

120000

100000

80000

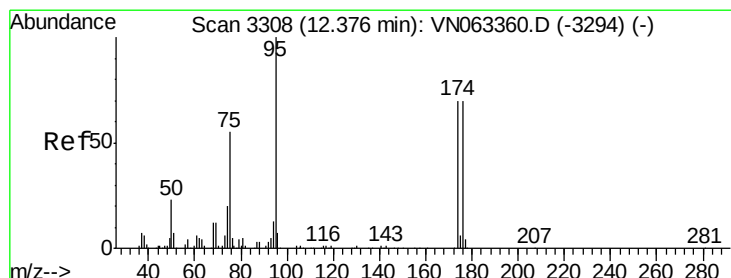
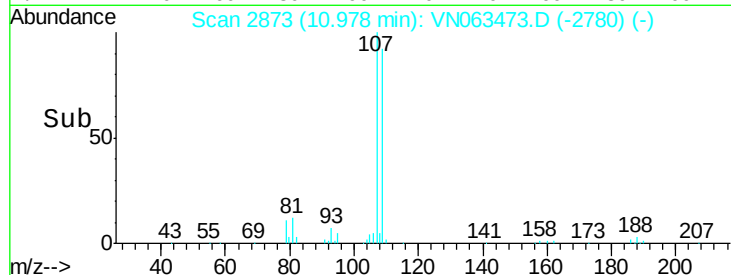
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.471 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

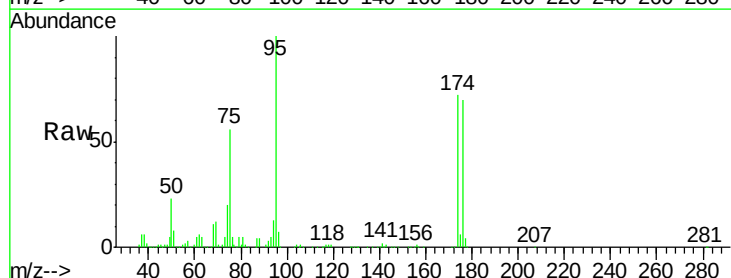
Tgt Ion: 95 Resp: 246501

Ion Ratio Lower Upper

95 100

174 72.8 0.0 140.8

176 69.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

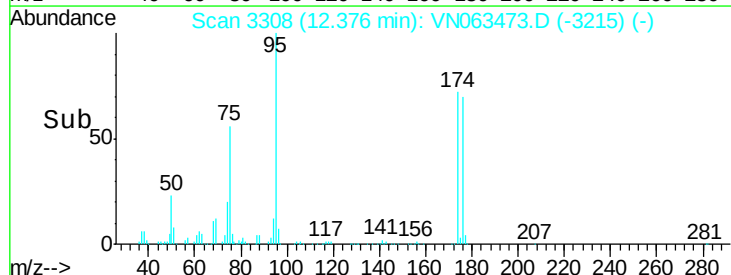
150000

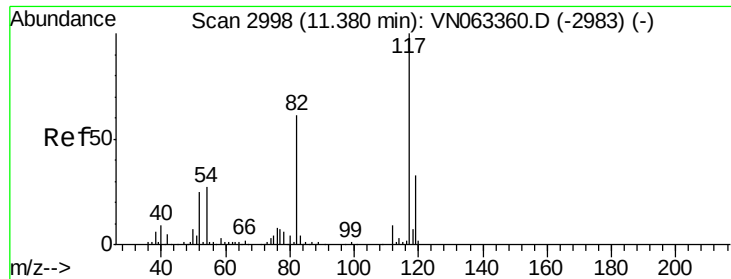
100000

50000

0

Time-->





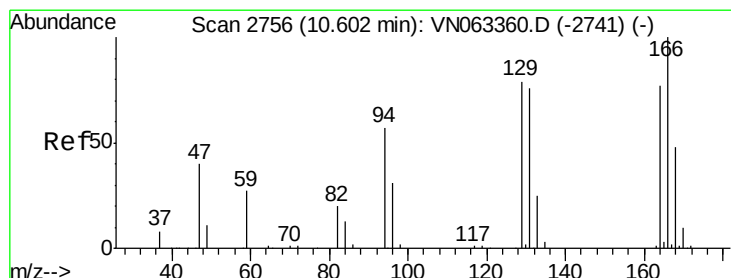
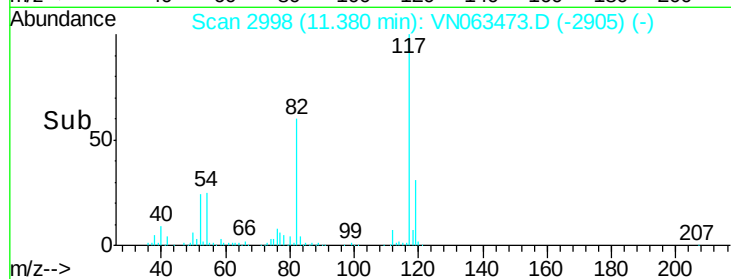
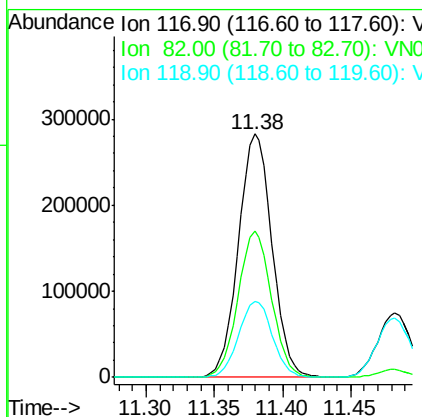
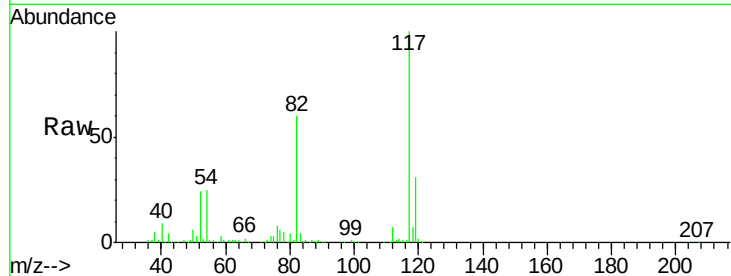
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	484307		
82	60.2	49.2	73.8	
119	30.9	26.2	39.4	

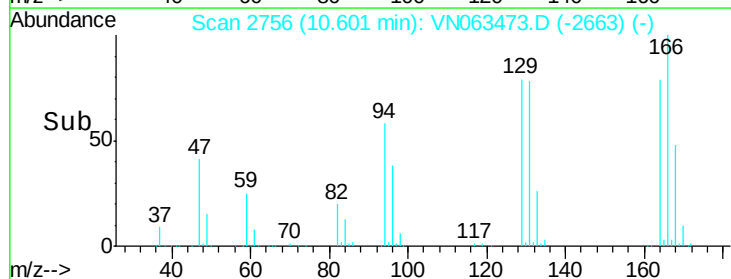
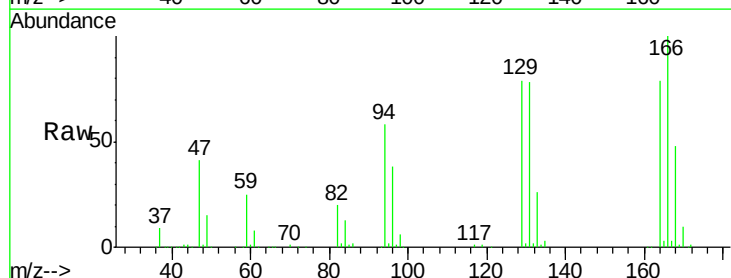
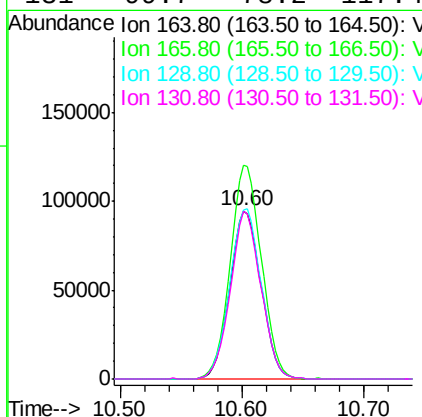
Manual Integrations
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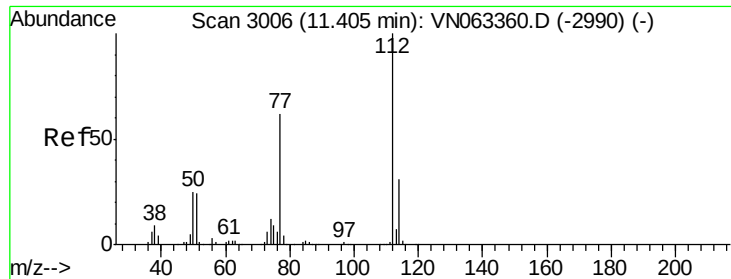
MMDadoda
9/21/2020 11:49:56 AM



#64
Tetrachloroethene
Concen: 51.307 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	169200		
166	127.1	103.4	155.0	
129	100.8	81.8	122.6	
131	99.7	78.2	117.4	





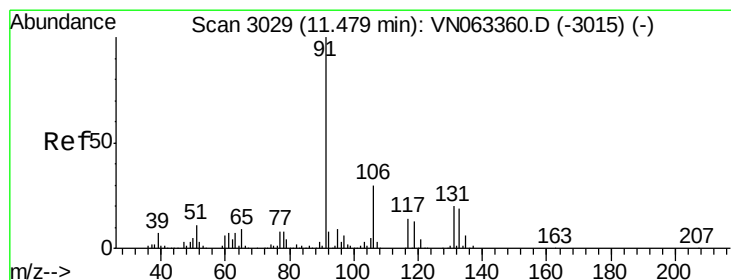
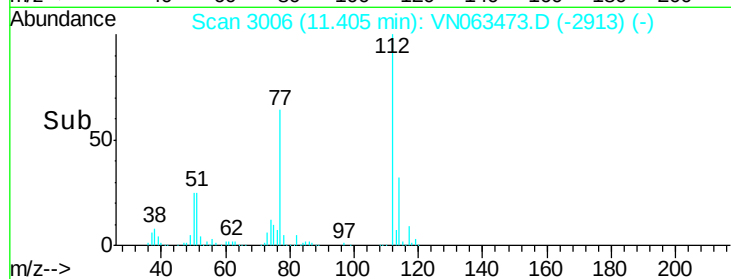
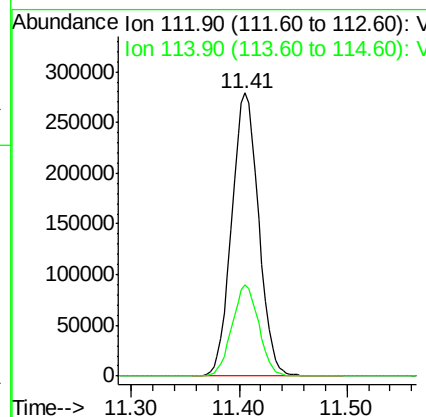
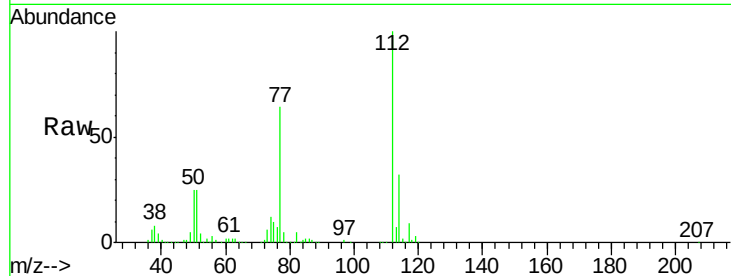
#65
Chlorobenzene
Concen: 47.412 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 487416
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6

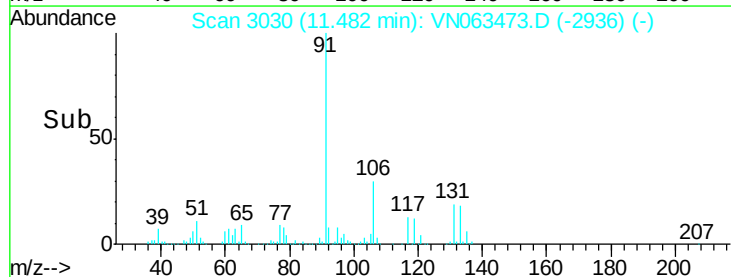
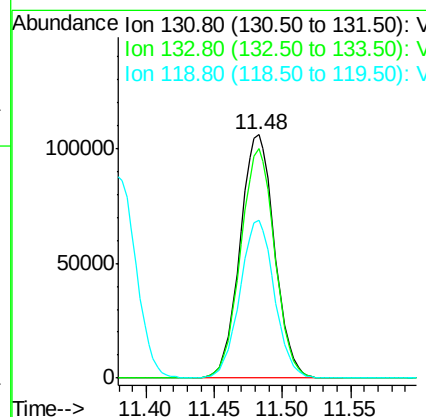
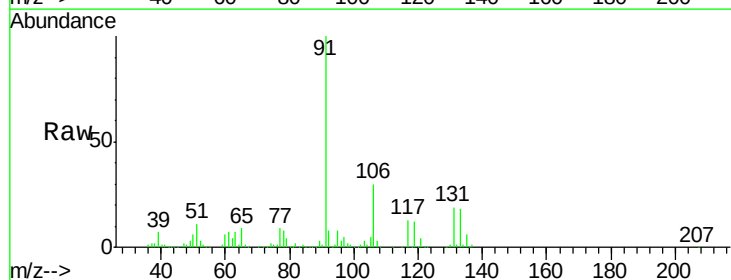
Manual Integrations
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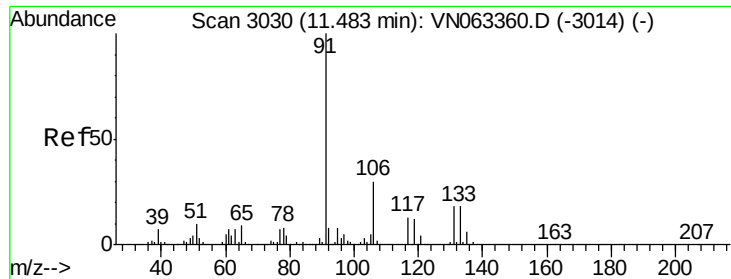
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.383 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion:131 Resp: 186099
Ion Ratio Lower Upper
131 100
133 93.4 47.3 141.9
119 64.8 33.6 100.8





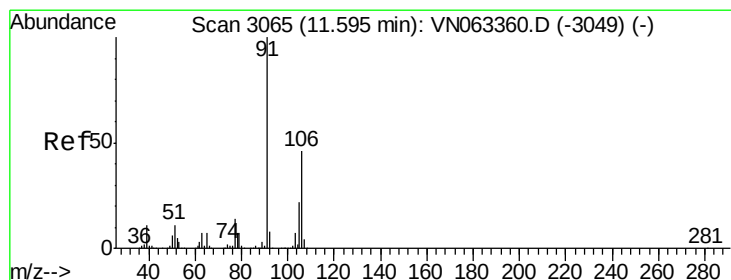
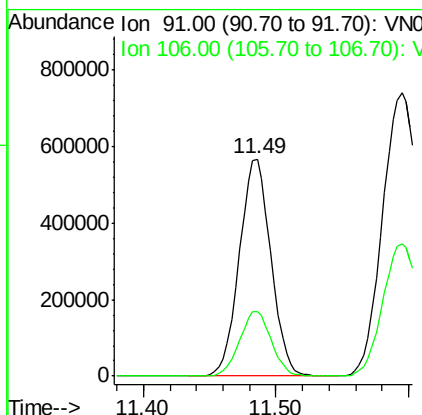
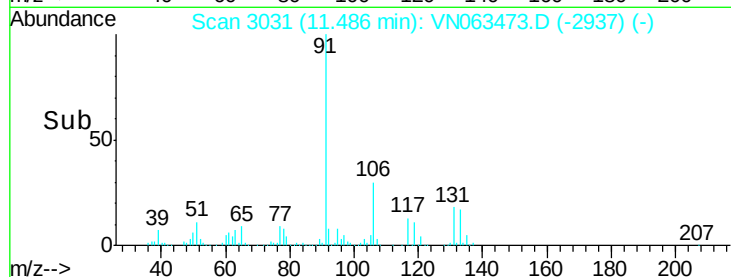
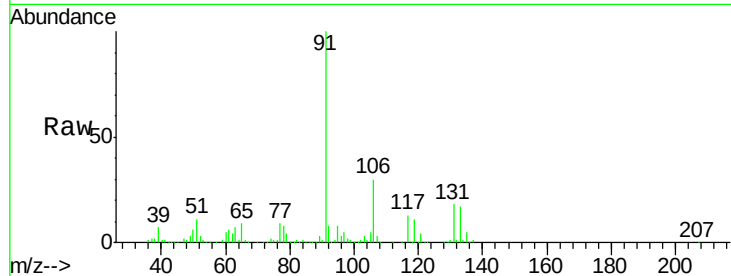
#67
Ethyl Benzene
Concen: 48.455 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 938098
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6

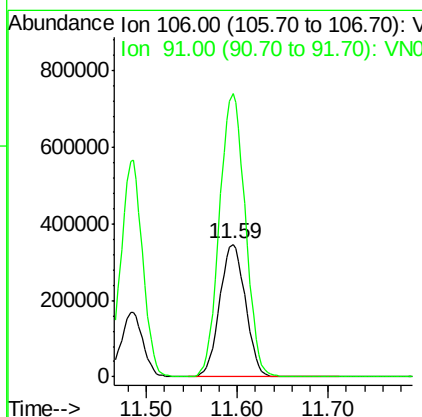
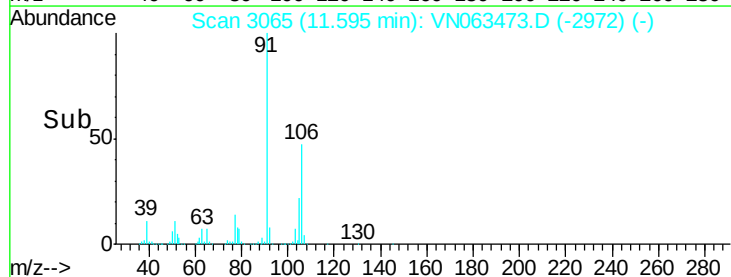
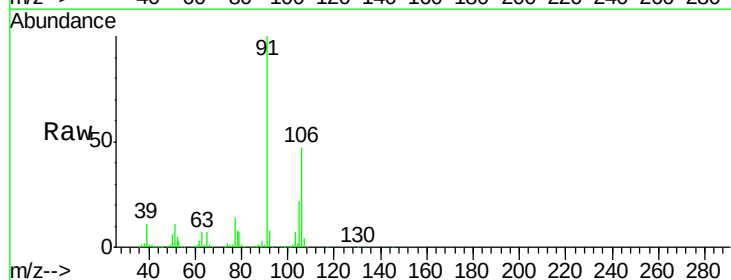
Manual Integrations
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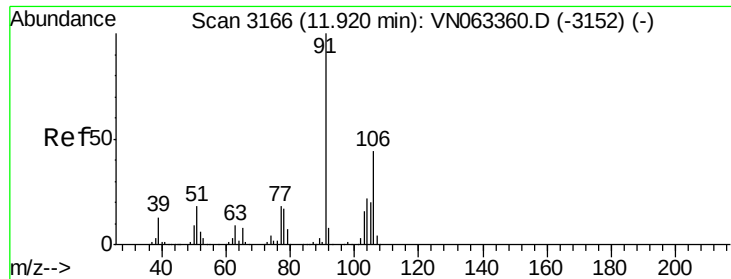
MMDadoda
9/21/2020 11:49:56 AM



#68
m/p-Xylenes
Concen: 97.565 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 106 Resp: 681035
Ion Ratio Lower Upper
106 100
91 213.5 171.2 256.8





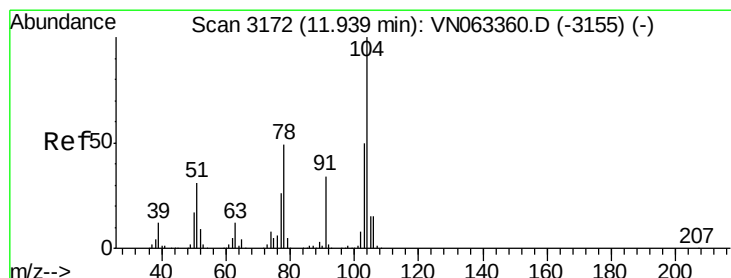
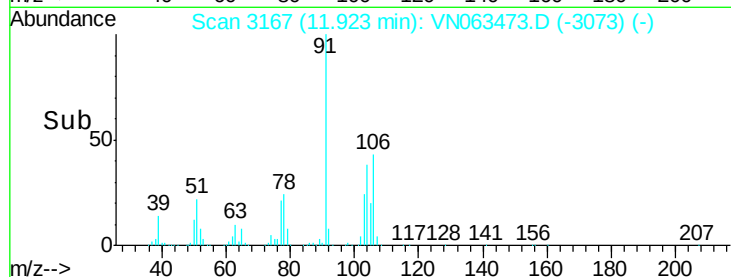
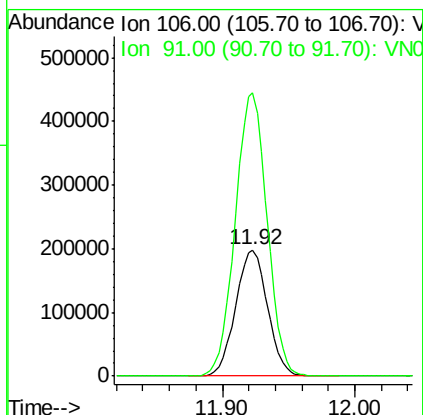
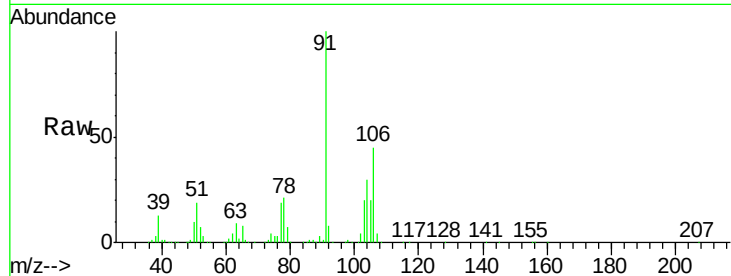
#69
o-Xylene
Concen: 49.913 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	223.9	113.6	331893	340.8	

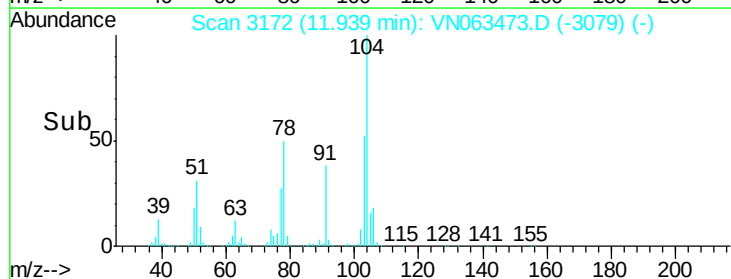
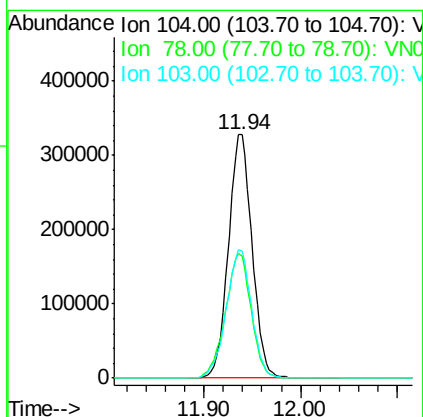
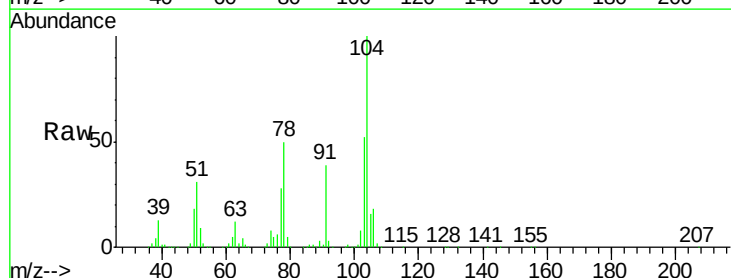
Manual Integrations
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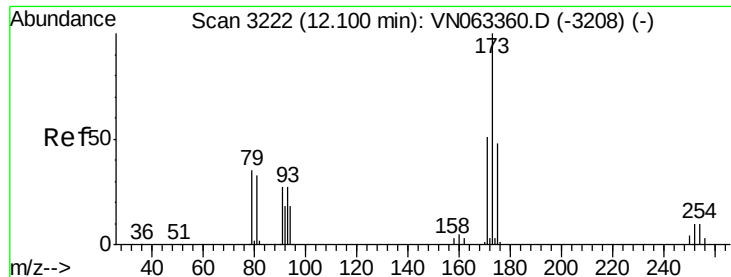
MMDadoda
9/21/2020 11:49:56 AM



#70
Styrene
Concen: 49.962 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	55.7	44.4	557126	66.6	
103	56.5	43.7		65.5	





#71

Bromoform

Concen: 47.278 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

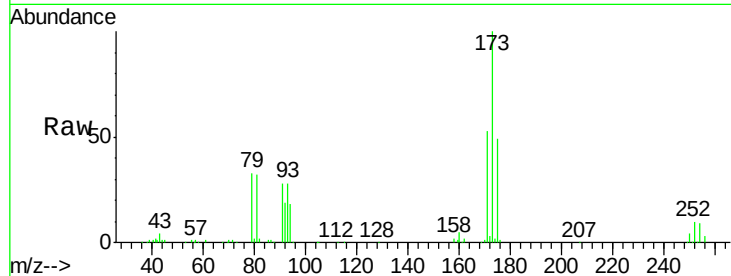
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.0	72.0
254	0.1	0.0	0.0

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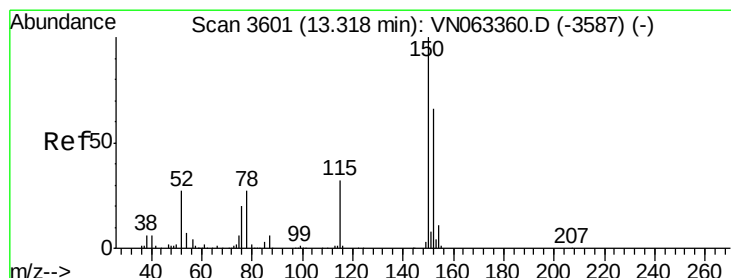
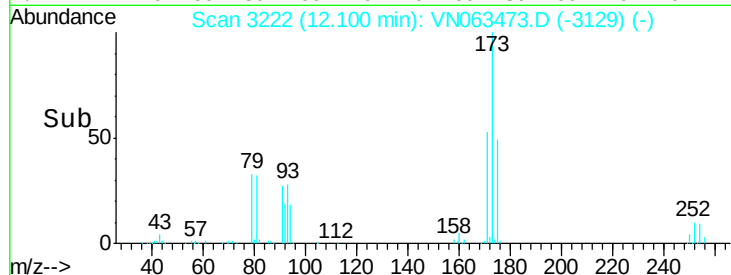
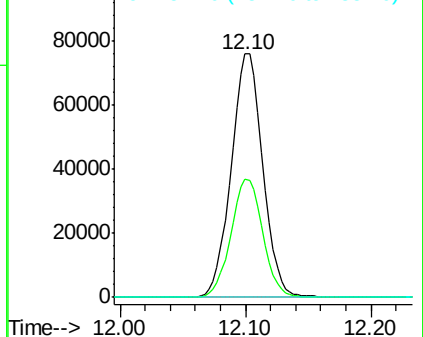


Abundance

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

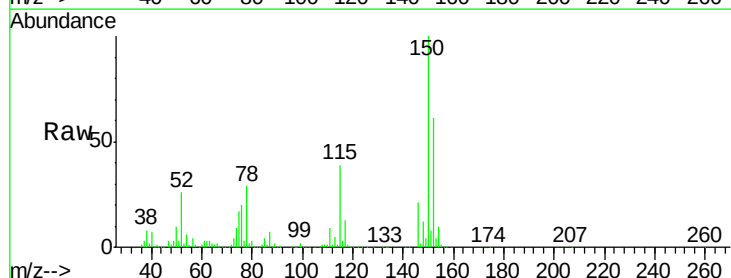
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.2	96.6
150	173.4	0.0	343.4

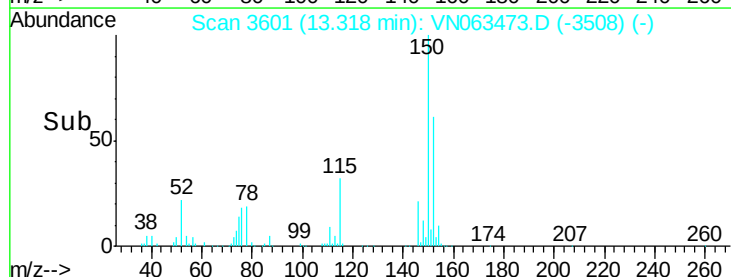
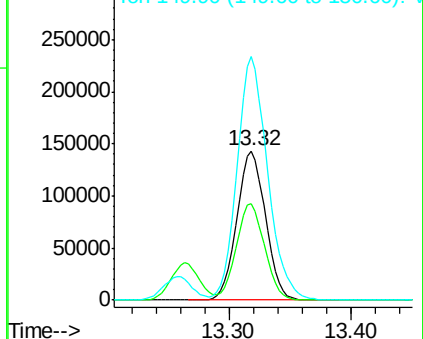


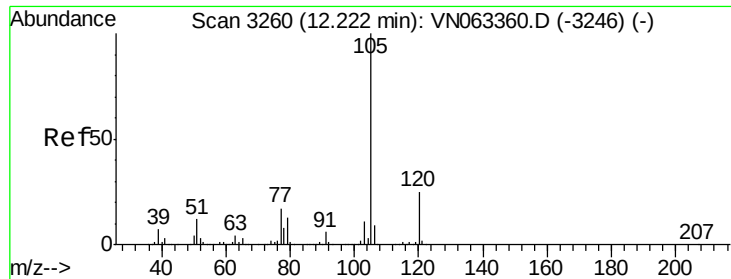
Abundance

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: 48.486 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 900242

Ion Ratio Lower Upper

105 100

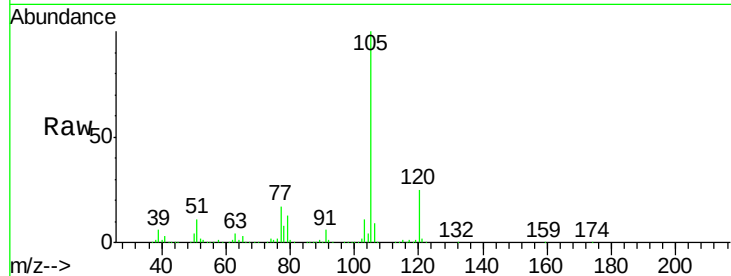
120 25.2 12.7 38.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

600000

500000

400000

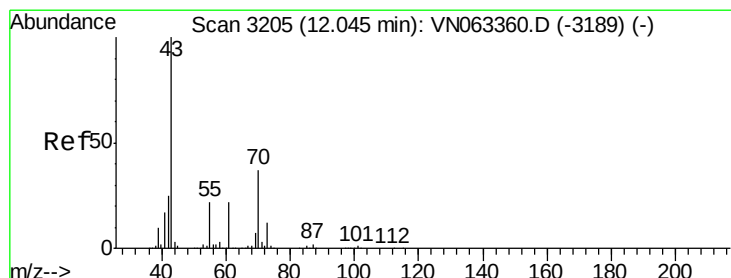
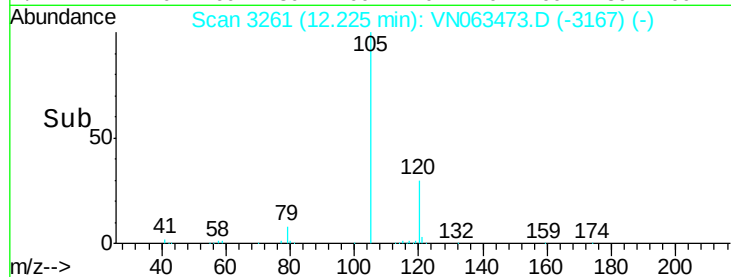
300000

200000

100000

0

Time--> 12.10 12.20 12.30



#74

N-ethyl acetate

Concen: 45.136 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion: 43 Resp: 396704

Ion Ratio Lower Upper

43 100

70 37.6 29.6 44.4

55 21.6 17.7 26.5

61 21.6 17.4 26.2

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

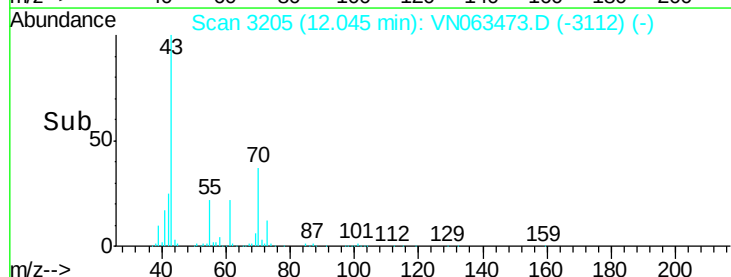
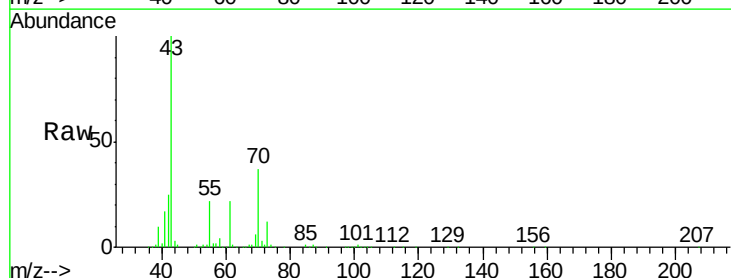
300000

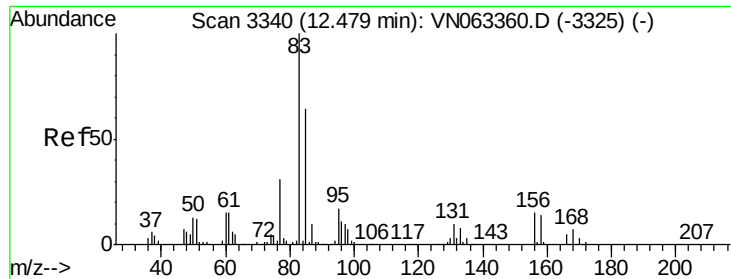
200000

100000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 44.921 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

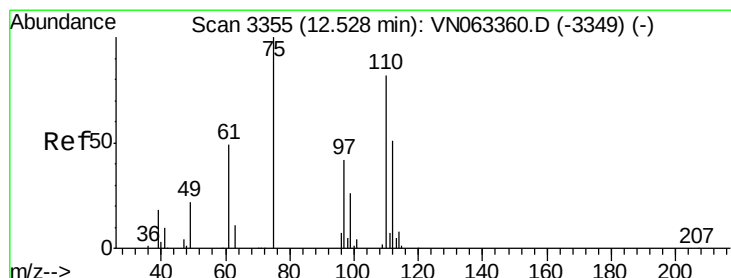
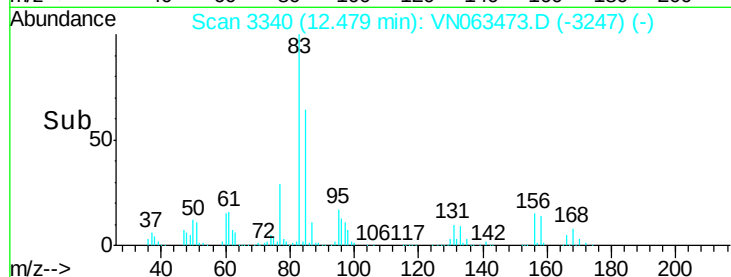
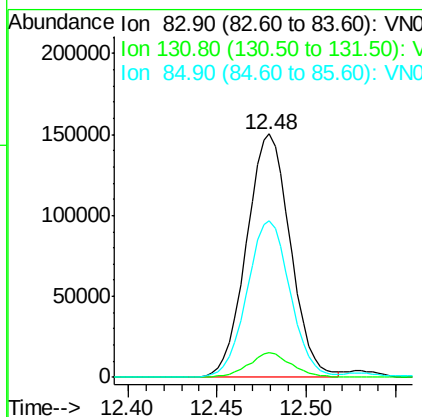
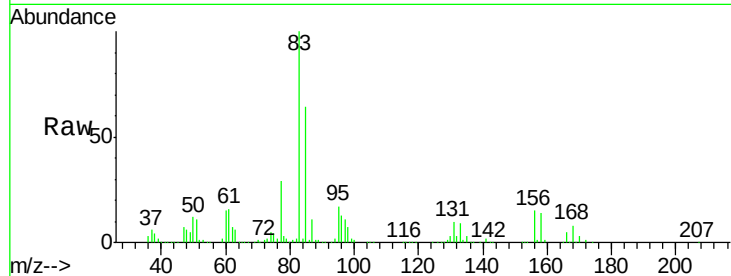
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	258245
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	63.3	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.868 ug/l m

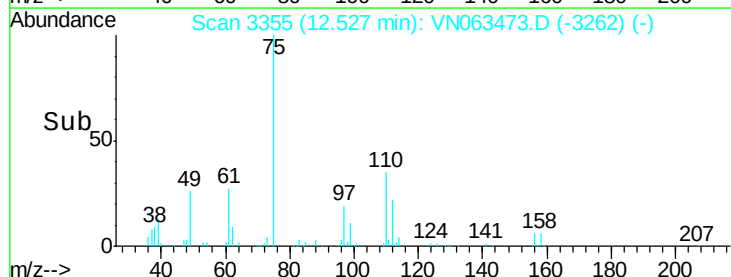
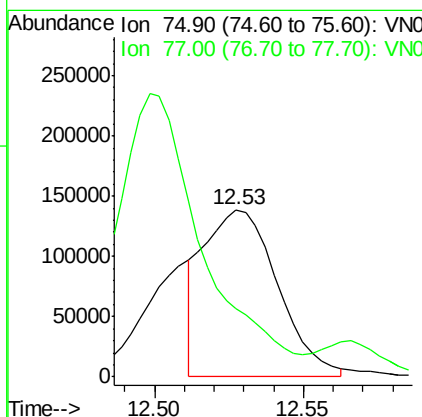
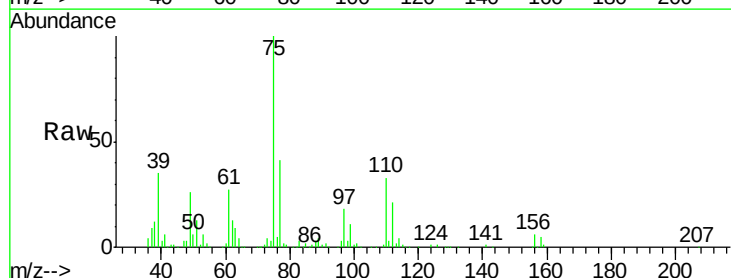
RT: 12.53 min Scan# 3355

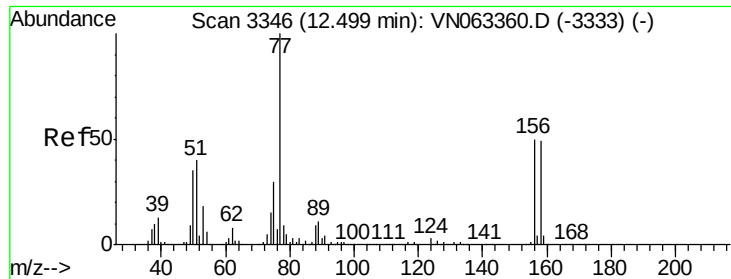
Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:	75	Resp:	240109
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.323 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

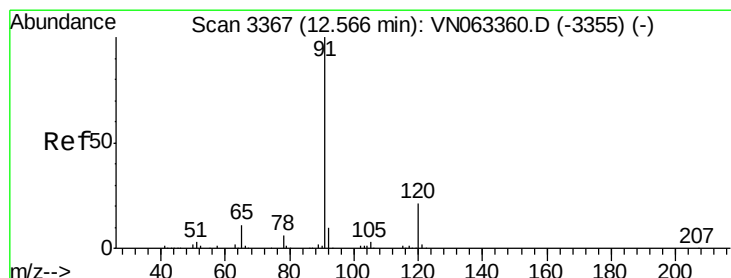
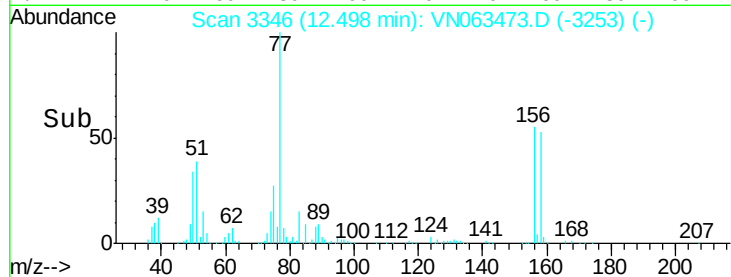
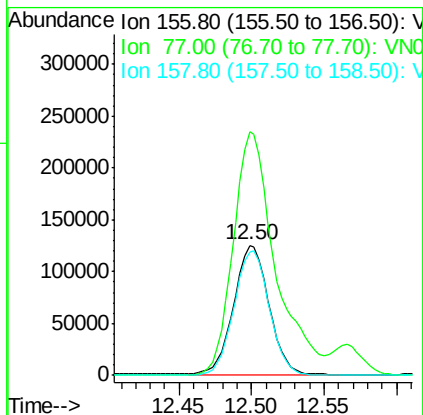
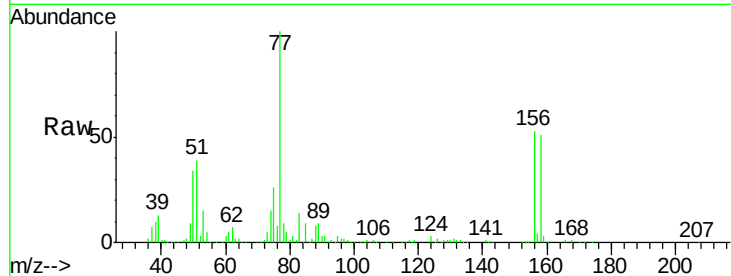
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	210175
Ion Ratio	Lower	Upper	
156	100		
77	225.0	120.2	360.6
158	96.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.193 ug/l

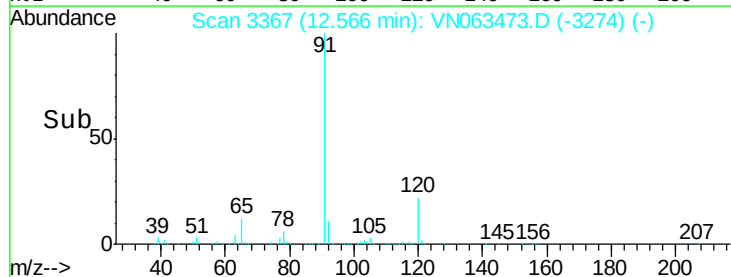
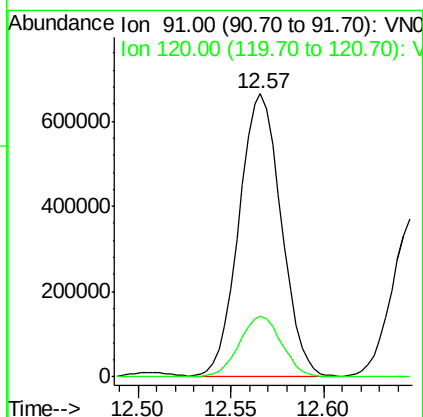
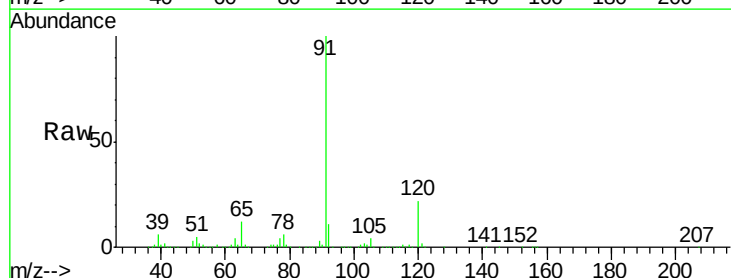
RT: 12.57 min Scan# 3367

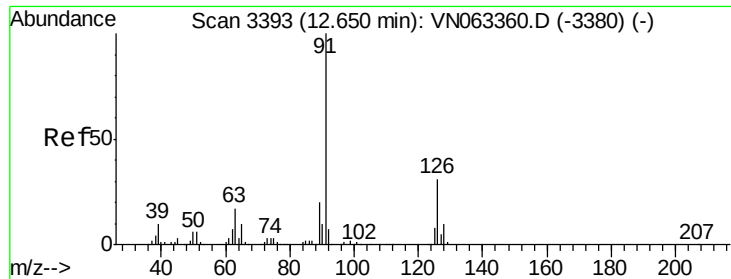
Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:	91	Resp:	1042187
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.8	32.3





#79

2-Chlorotoluene

Concen: 48.013 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 622405

Ion Ratio Lower Upper

91 100

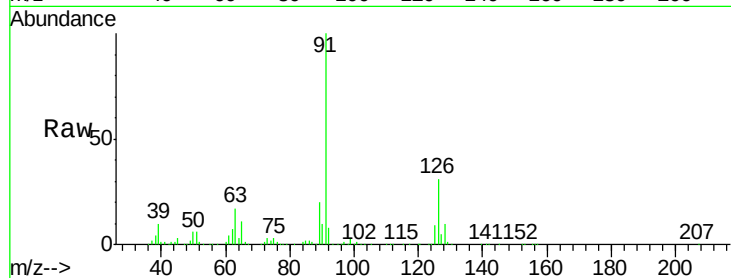
126 31.7 15.8 47.3

Manual Integrations

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

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

600000

400000

200000

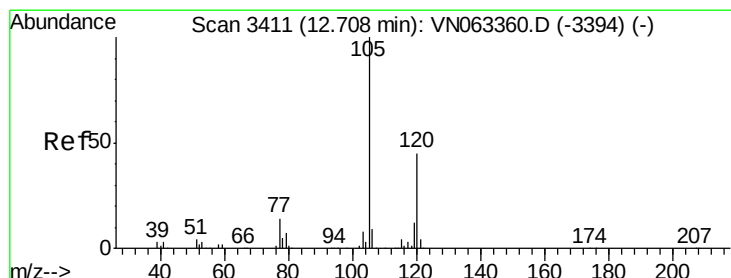
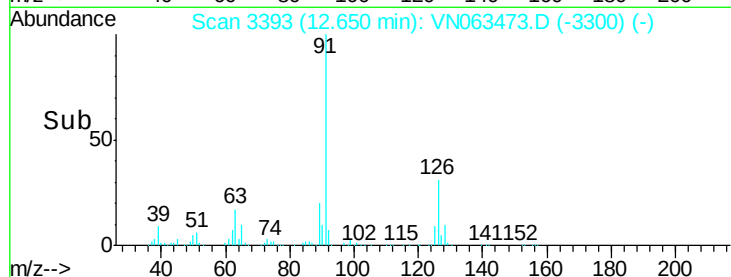
0

12.65

12.60

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.100 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063473.D

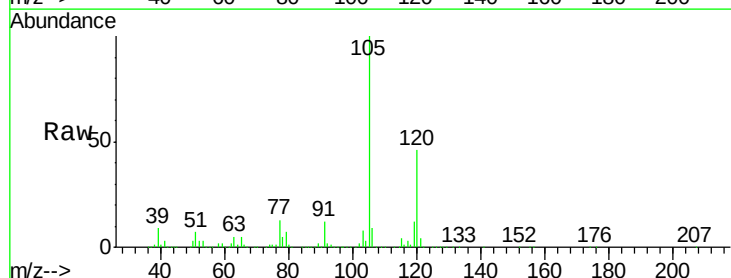
Acq: 18 Sep 2020 21:24

Tgt Ion: 105 Resp: 760186

Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.8



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

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

500000

400000

300000

200000

100000

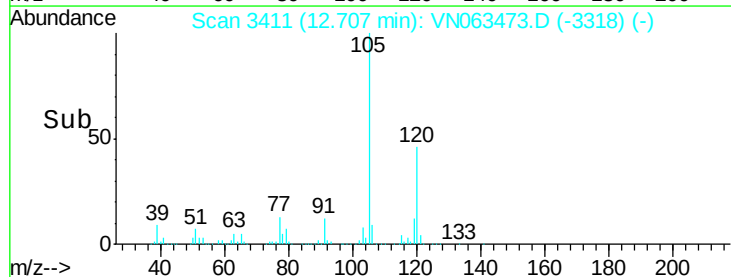
0

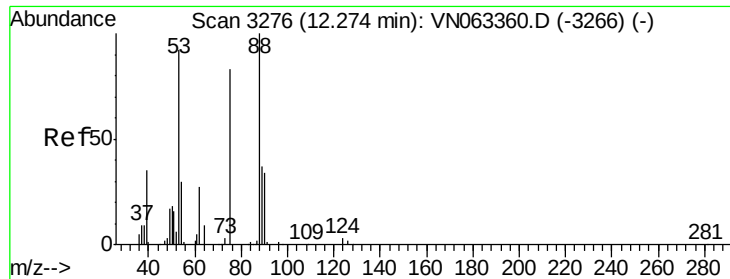
12.71

12.60

12.80

Time-->





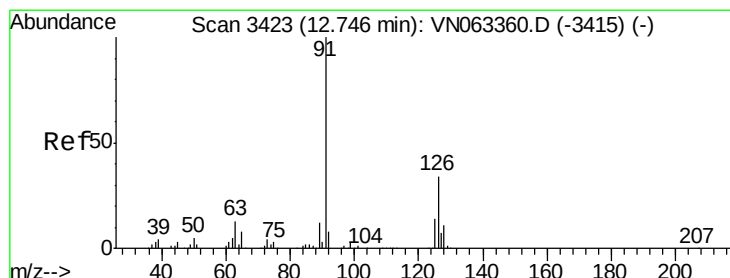
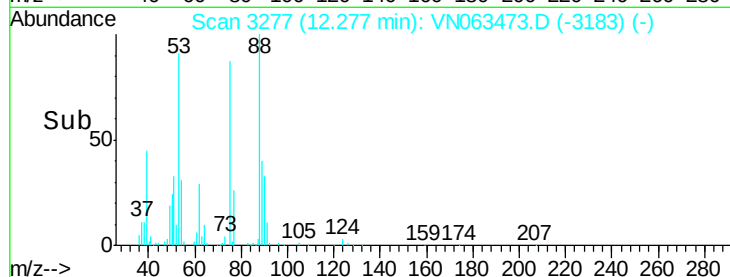
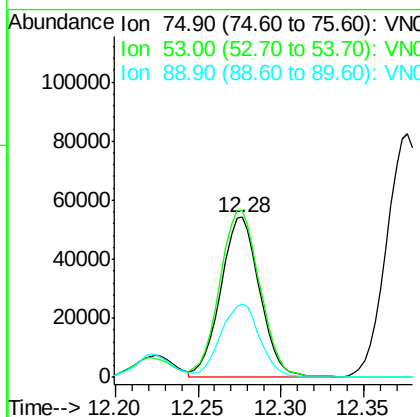
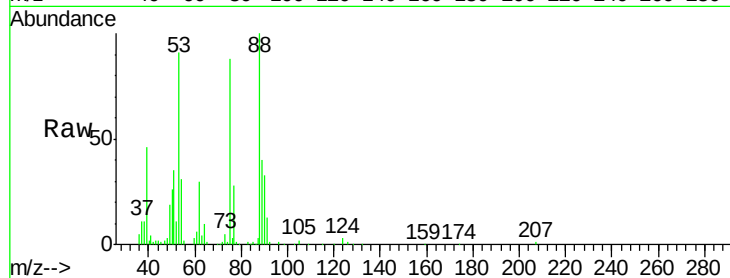
#81
trans-1,4-Dichloro-2-butene
Concen: 42.279 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.0	85.7	128.5
89	46.4	38.0	57.0

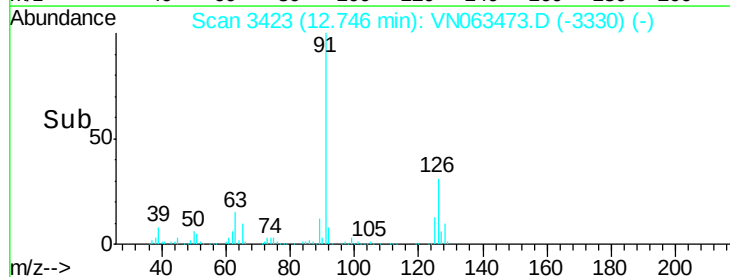
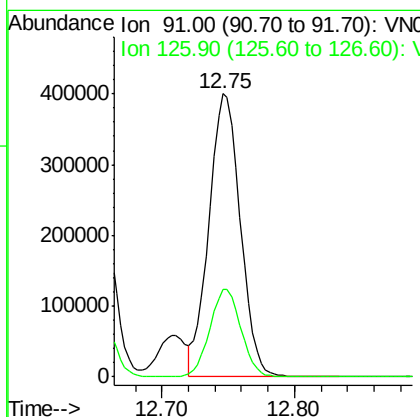
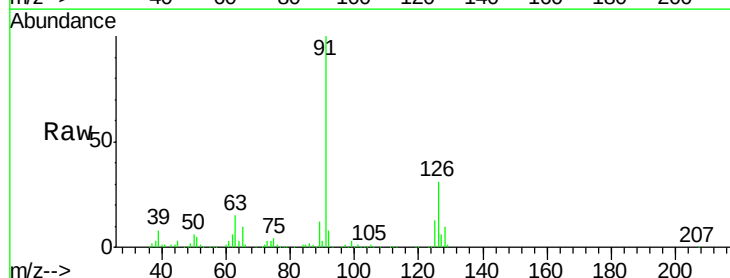
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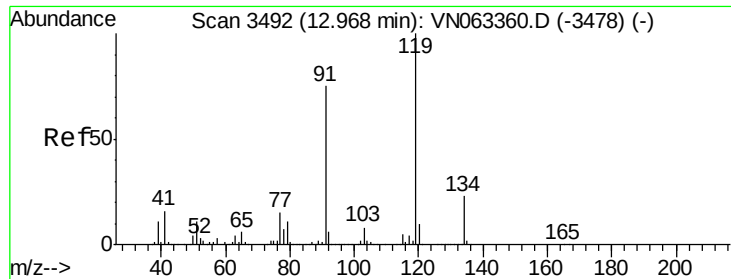
MMDadoda
9/21/2020 11:49:56 AM



#82
4-Chlorotoluene
Concen: 47.811 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.5	46.5





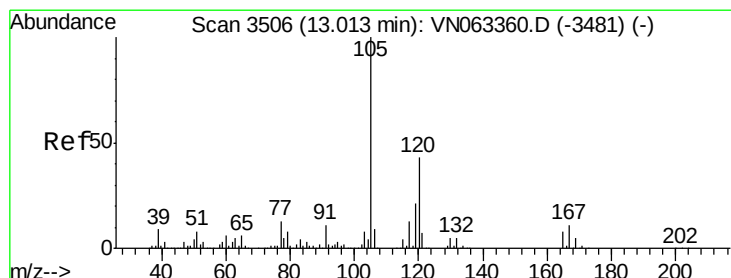
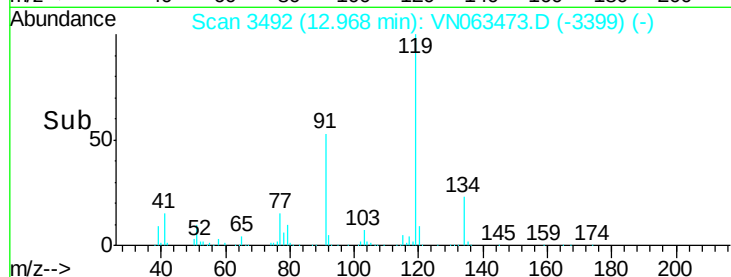
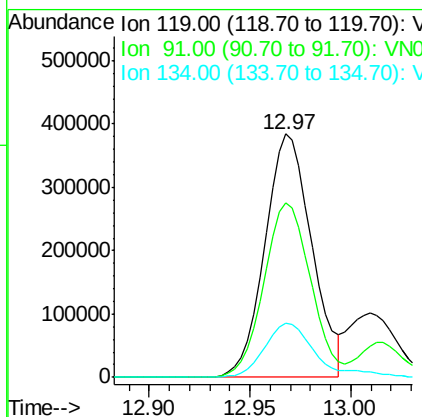
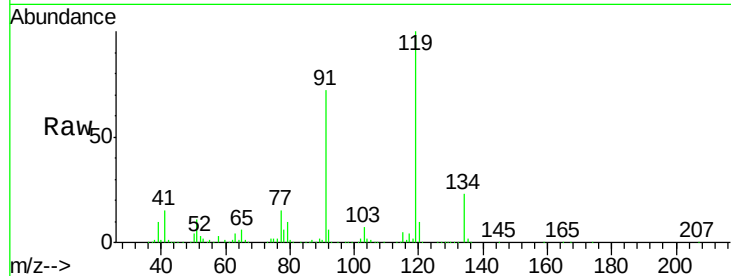
#83
 tert-Butylbenzene
 Concen: 48.651 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.3	36.3	108.9
134	24.5	12.3	36.8

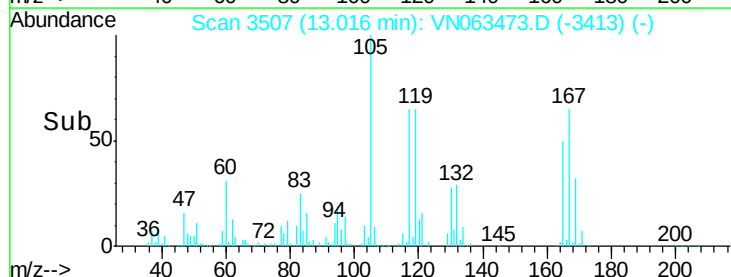
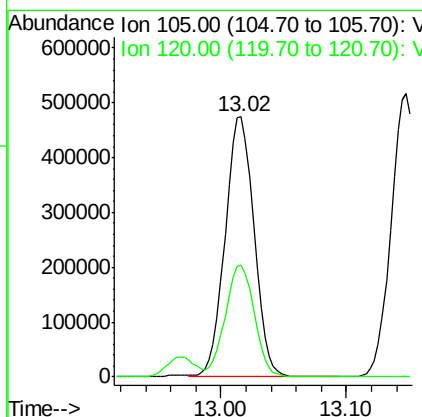
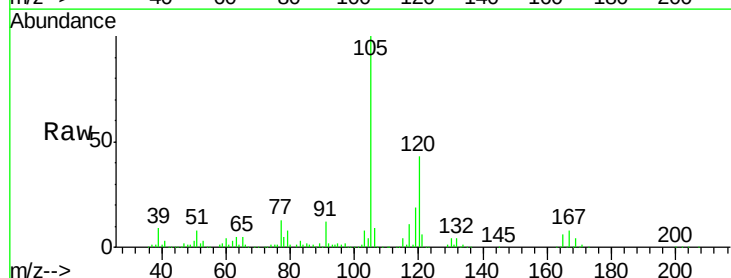
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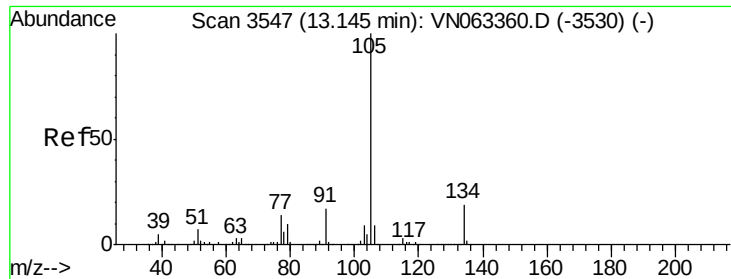
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.410 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.3	63.9





#85

sec-Butylbenzene

Concen: 47.993 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 820894

Ion Ratio Lower Upper

105 100

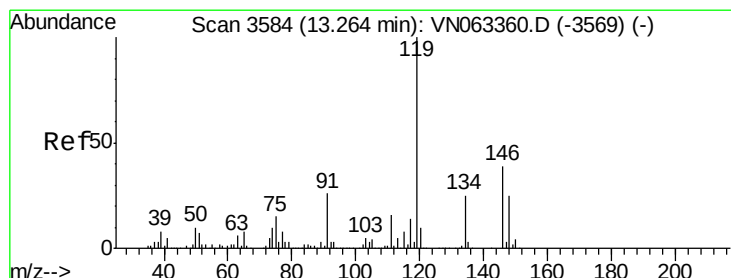
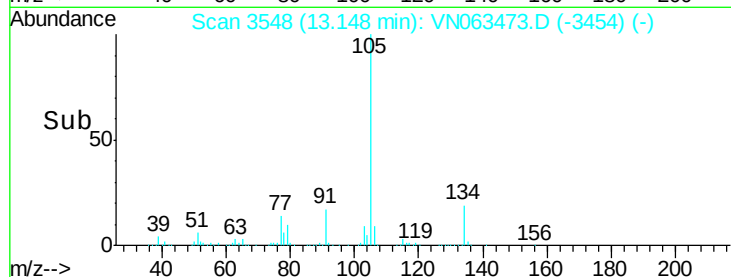
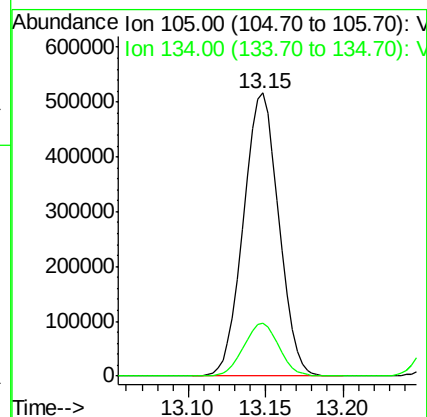
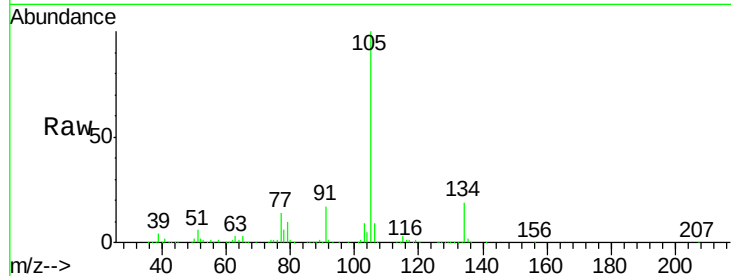
134 18.7 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.867 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

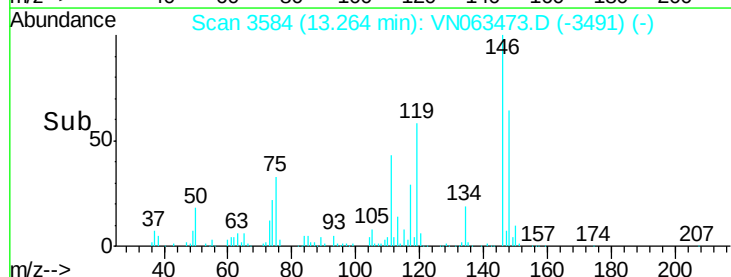
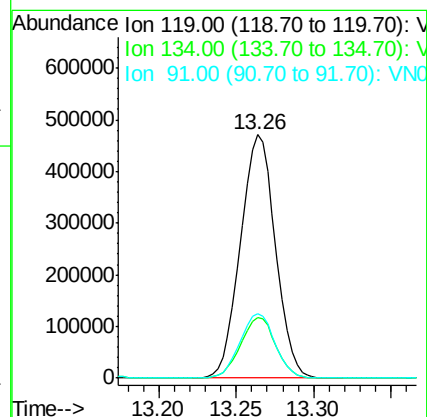
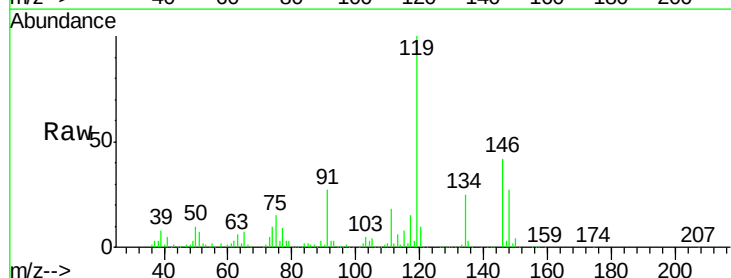
Tgt Ion:119 Resp: 737228

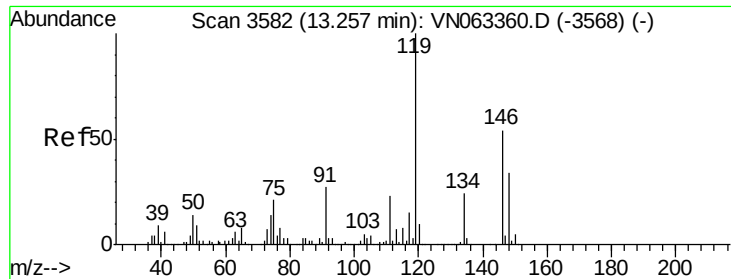
Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

91 26.3 13.4 40.1





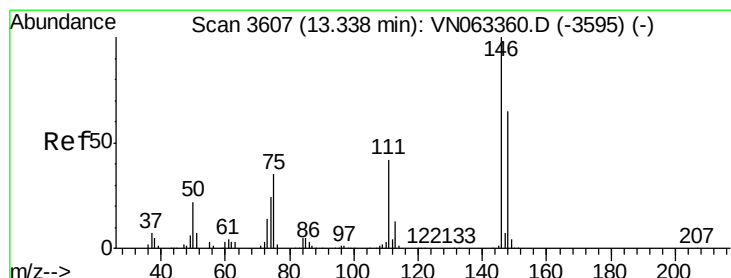
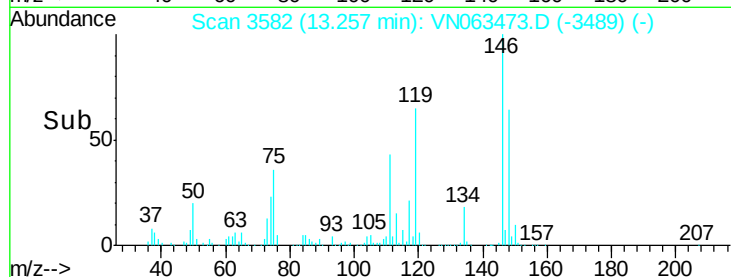
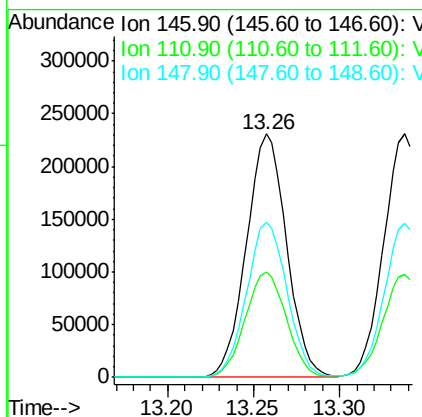
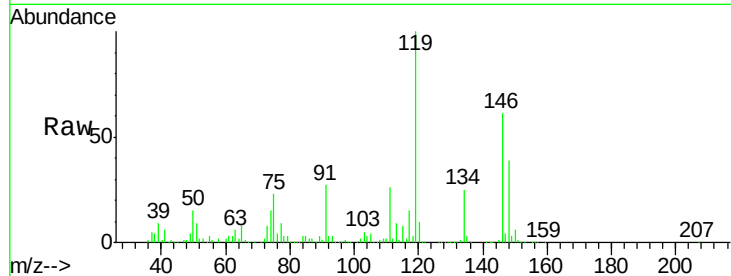
#87
 1,3-Dichlorobenzene
 Concen: 48.428 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	374883		
111	44.1	21.4	64.3	
148	64.2	31.9	95.7	

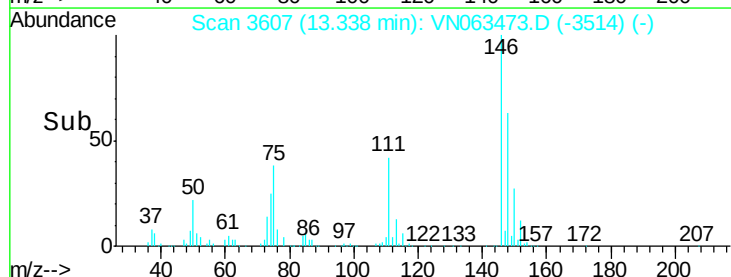
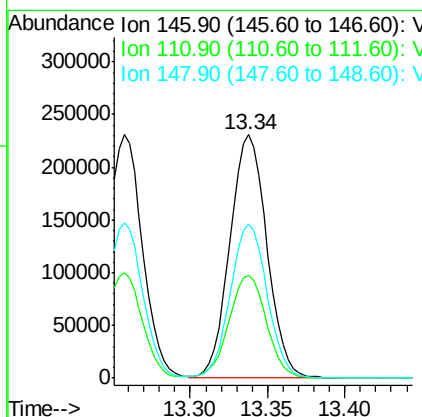
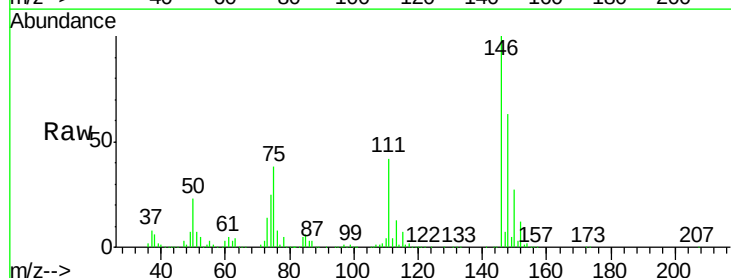
Manual Integrations
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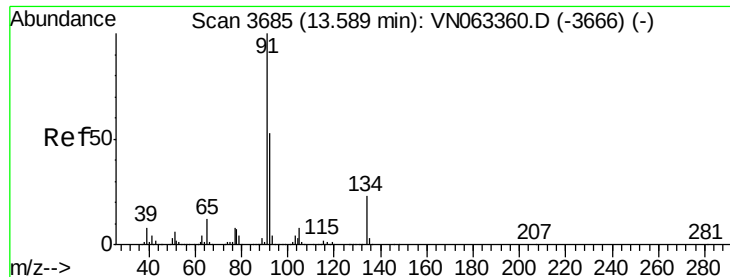
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#88
 1,4-Dichlorobenzene
 Concen: 48.522 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	381883		
111	42.6	21.2	63.6	
148	63.4	31.9	95.9	





#89

n-Butylbenzene

Concen: 48.262 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

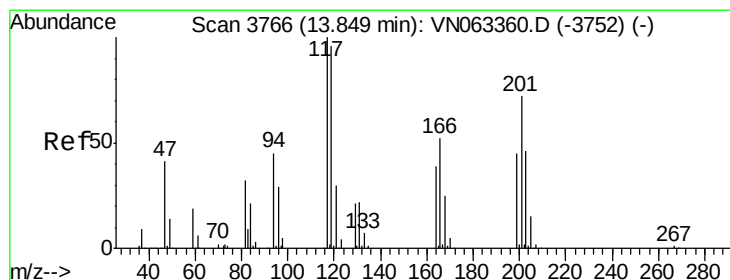
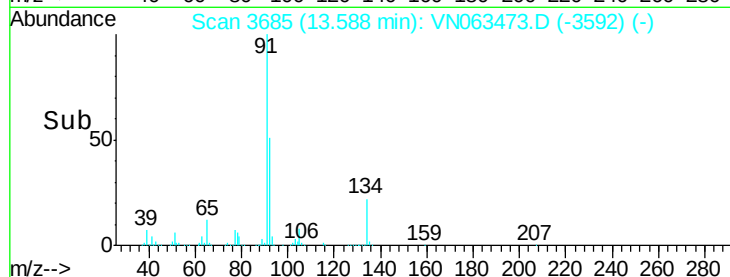
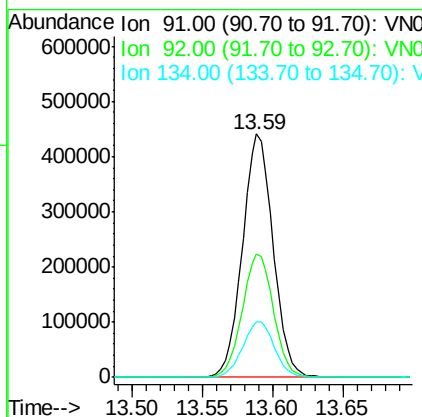
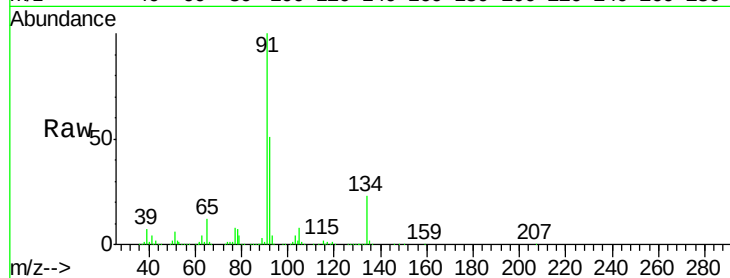
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	671127
Ion Ratio	Lower	Upper	
91	100		
92	51.8	26.0	78.0
134	23.8	11.7	35.0

Manual Integrations
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#90

Hexachloroethane

Concen: 45.332 ug/l

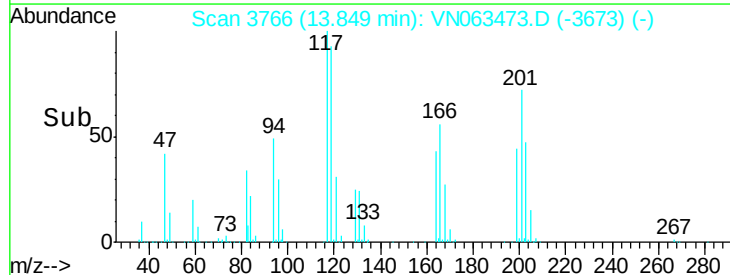
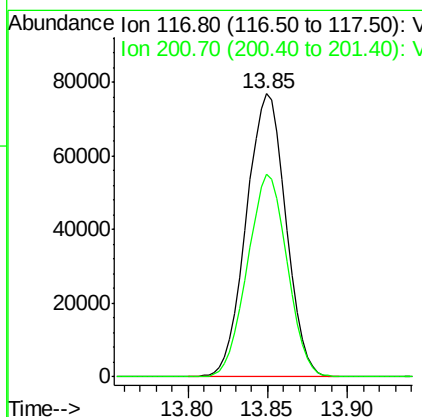
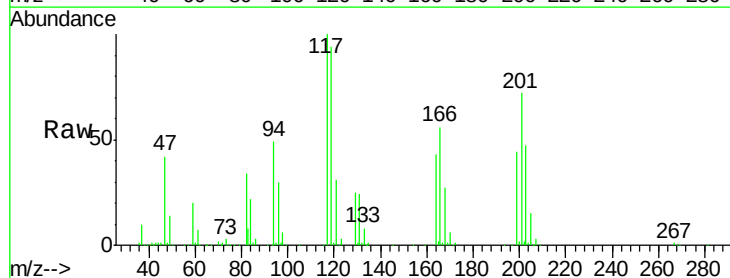
RT: 13.85 min Scan# 3766

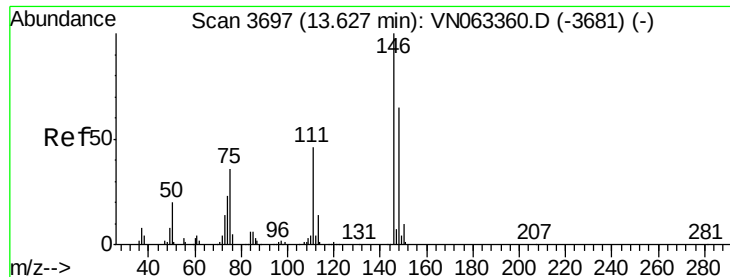
Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:	117	Resp:	130226
Ion Ratio	Lower	Upper	
117	100		
201	72.0	35.5	106.7





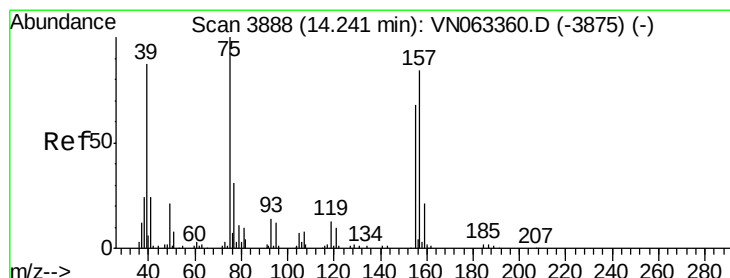
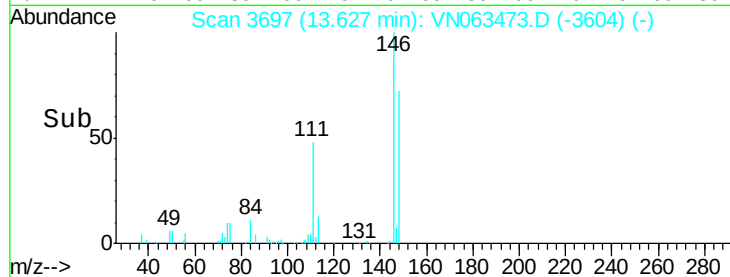
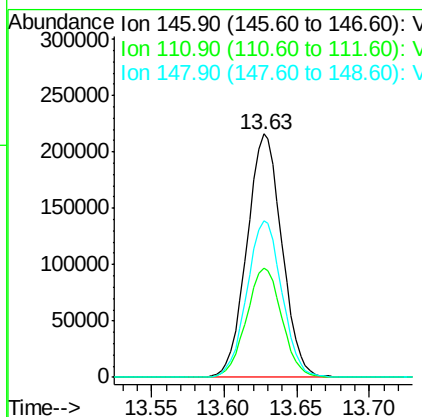
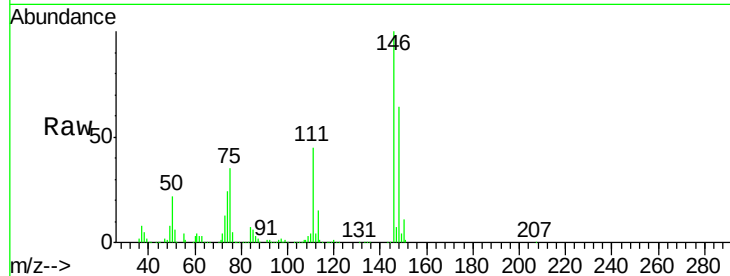
#91
 1,2-Dichlorobenzene
 Concen: 47.665 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	362255		
111	45.6	22.4	67.2	
148	64.8	32.0	96.0	

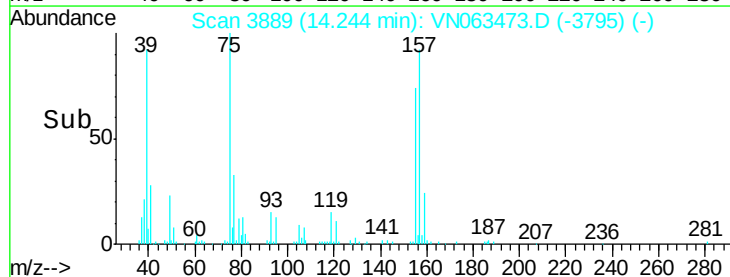
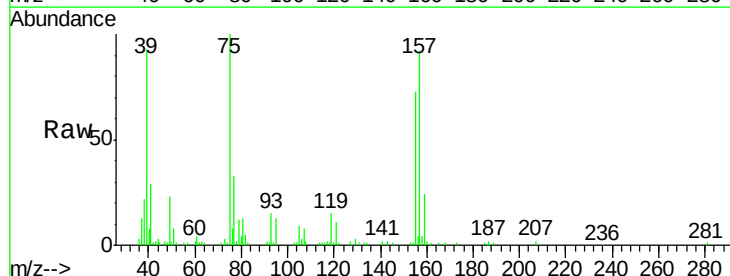
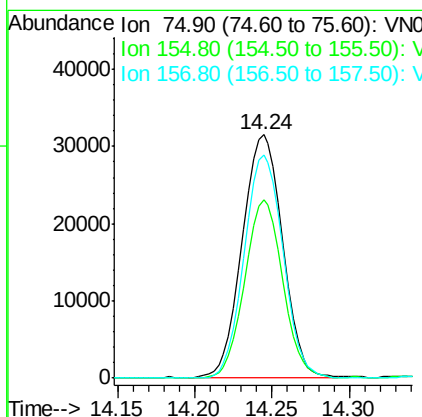
Manual Integrations
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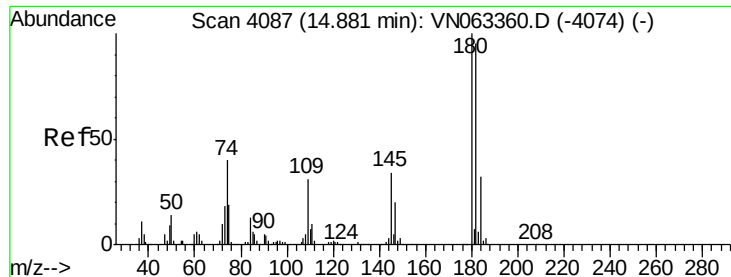
MMDadoda
 9/21/2020 11:49:56 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.934 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57406		
155	69.0	34.6	103.9	
157	88.3	43.7	131.1	





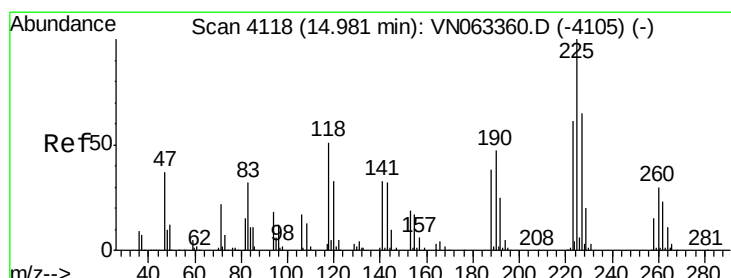
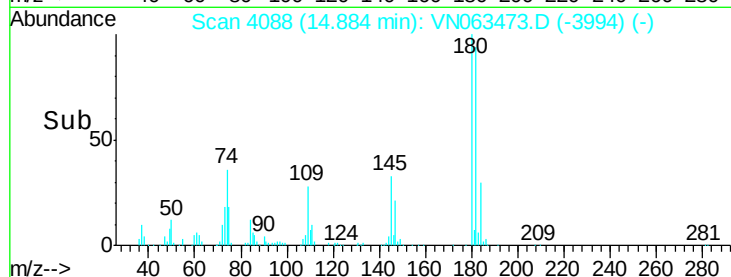
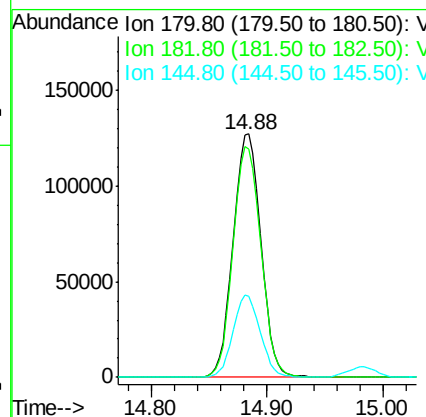
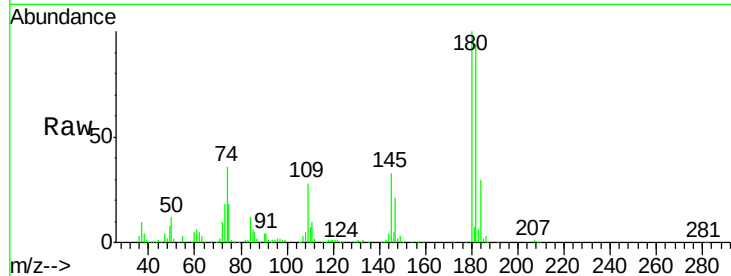
#93
 1,2,4-Trichlorobenzene
 Concen: 46.993 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	210552		
182	95.3	47.3	142.0	
145	33.1	16.6	49.7	

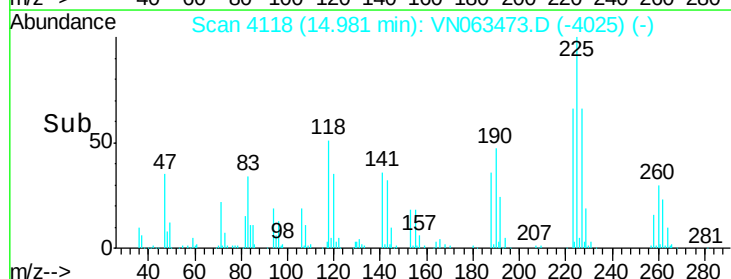
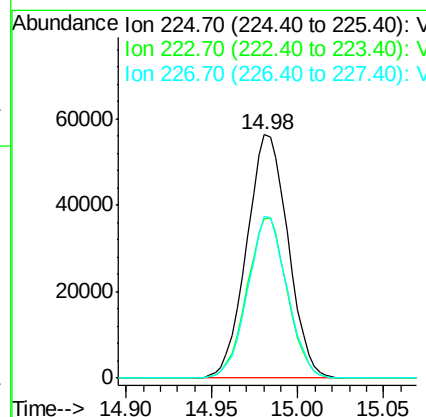
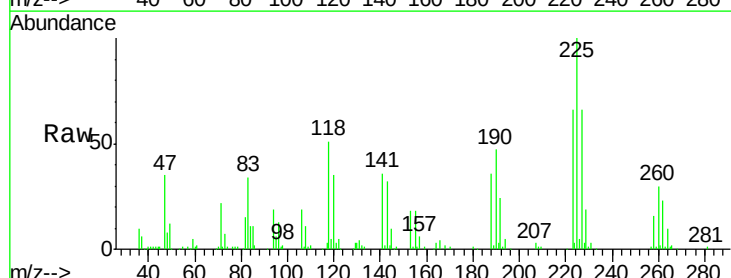
Manual Integrations
 APPROVED

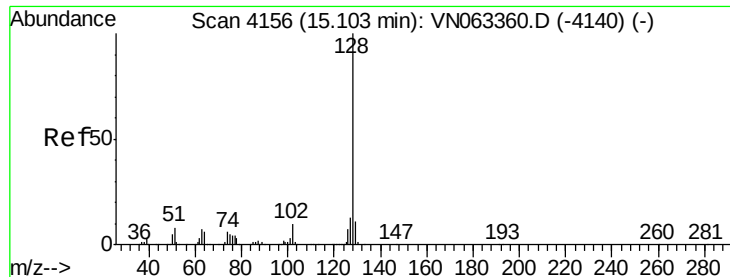
MMDadoda
 9/21/2020 11:49:56 AM



#94
 Hexachlorobutadiene
 Concen: 50.704 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94049		
223	63.5	30.6	91.6	
227	63.1	31.2	93.6	





#95

Naphthalene

Concen: 45.893 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

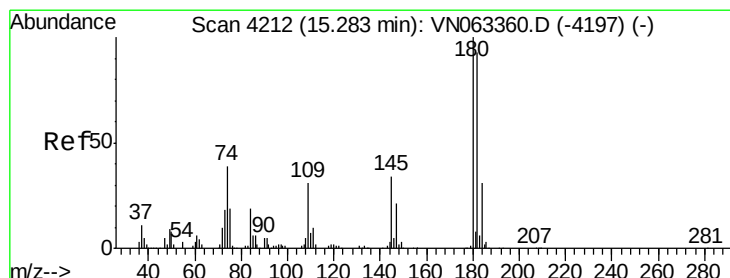
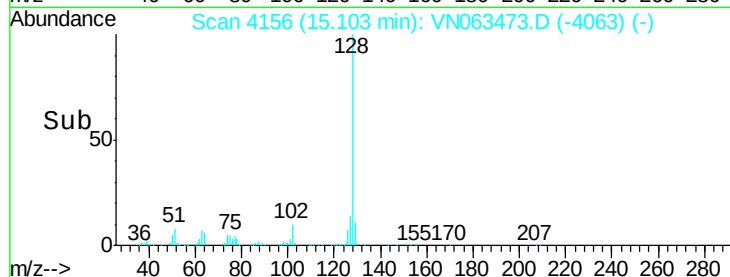
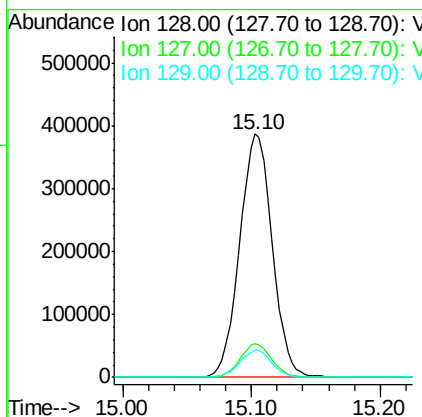
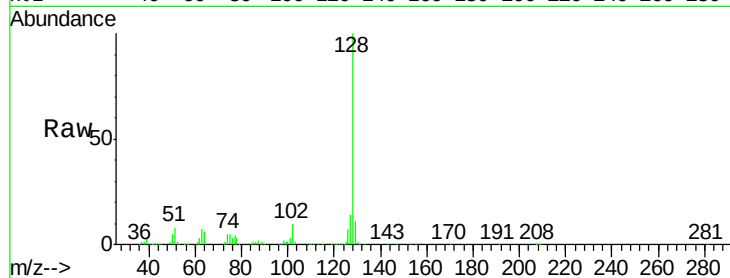
ClientSampled :

VSTDCCC050EC

Tot Ion:	128	Resp:	679340
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/21/2020 11:49:56 AM



#96

1,2,3-Trichlorobenzene

Concen: 46.161 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:	180	Resp:	199834
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.7	140.1
145	34.3	16.8	50.3

