

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062641.D
 Acq On : 28 Jul 2020 19:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:06:29 PM

Quant Time: Jul 29 05:15:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	177427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121753	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	135330	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.55	113	92336	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	10.06	98	370985	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	127303	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	95754	45.244	ug/l	99
3) Chloromethane	2.03	50	115768	40.331	ug/l	98
4) Vinyl Chloride	2.16	62	104940	42.172	ug/l	98
5) Bromomethane	2.51	94	48148	43.685	ug/l	99
6) Chloroethane	2.66	64	52428	46.577	ug/l	98
7) Trichlorofluoromethane	2.98	101	145974	49.963	ug/l	100
8) Diethyl Ether	3.37	74	62812	45.974	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	90367	48.242	ug/l	98
10) Methyl Iodide	3.91	142	111240	46.450	ug/l	96
11) Tert butyl alcohol	4.74	59	98781	225.289	ug/l	99
12) 1,1-Dichloroethene	3.69	96	87949	46.294	ug/l	98
13) Acrolein	3.56	56	117956	257.697	ug/l	98
14) Allyl chloride	4.27	41	179457	43.669	ug/l	96
15) Acrylonitrile	4.93	53	278356	237.017	ug/l	99
16) Acetone	3.77	43	232488	224.151	ug/l	99
17) Carbon Disulfide	4.00	76	259995	41.652	ug/l	100
18) Methyl Acetate	4.28	43	124379	47.369	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	338949	48.474	ug/l	96
20) Methylene Chloride	4.50	84	107346	43.152	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	96172	45.611	ug/l	98
22) Diisopropyl ether	5.90	45	368734	45.141	ug/l	98
23) Vinyl Acetate	5.84	43	1574206	235.199	ug/l	99
24) 1,1-Dichloroethane	5.80	63	204276	46.440	ug/l	99
25) 2-Butanone	6.79	43	371686	235.301	ug/l	100
26) 2,2-Dichloropropane	6.77	77	164723	45.618	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	108845	45.238	ug/l	98
28) Bromochloromethane	7.15	49	102161	47.193	ug/l	97
29) Tetrahydrofuran	7.17	42	247560	231.611	ug/l	97
30) Chloroform	7.33	83	197694	47.269	ug/l	99
31) Cyclohexane	7.61	56	176108	43.363	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	174668	50.023	ug/l	99
36) 1,1-Dichloropropene	7.75	75	148047	47.094	ug/l	99
37) Ethyl Acetate	6.88	43	157126	46.368	ug/l	99
38) Carbon Tetrachloride	7.73	117	154742	51.210	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	163318	48.262	ug/l	99
40) Benzene	8.00	78	433160	45.513	ug/l	98
41) Methacrylonitrile	7.12	41	70119	48.281	ug/l	91
42) 1,2-Dichloroethane	8.08	62	174189	50.063	ug/l	98
43) Isopropyl Acetate	8.13	43	259449	47.494	ug/l	99
44) Trichloroethene	8.80	130	99494	46.357	ug/l	94
45) 1,2-Dichloropropane	9.08	63	123312	46.147	ug/l	100
46) Dibromomethane	9.17	93	74505	48.241	ug/l	97
47) Bromodichloromethane	9.37	83	160524	47.975	ug/l	99
48) Methyl methacrylate	9.17	41	124867	48.085	ug/l	98
49) 1,4-Dioxane	9.17	88	36880	924.679	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	796514	243.687	ug/l	99
52) Toluene	10.12	92	265455	48.034	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	182003	48.863	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	191224	47.844	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	103937	48.487	ug/l	98
56) Ethyl methacrylate	10.40	69	176636	46.036	ug/l	98
57) 1,3-Dichloropropane	10.68	76	189324	48.209	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	272163	235.651	ug/l	98
59) 2-Hexanone	10.72	43	588463	232.997	ug/l	100
60) Dibromochloromethane	10.87	129	119233	49.859	ug/l	99
61) 1,2-Dibromoethane	10.98	107	105518	47.272	ug/l	97
64) Tetrachloroethene	10.60	164	82586	45.562	ug/l	97
65) Chlorobenzene	11.41	112	273402	46.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	104664	47.569	ug/l	99
67) Ethyl Benzene	11.48	91	514721	47.999	ug/l	100
68) m/p-Xylenes	11.60	106	375379	97.390	ug/l	98
69) o-Xylene	11.92	106	181225	49.514	ug/l	99
70) Styrene	11.94	104	310367	50.198	ug/l	98
71) Bromoform	12.10	173	82221	49.770	ug/l #	100
73) Isopropylbenzene	12.22	105	486743	50.559	ug/l	99
74) N-amyl acetate	12.05	43	230344	53.577	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140453	41.984	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	140290m	45.269	ug/l	
77) Bromobenzene	12.50	156	104326	45.093	ug/l	93
78) n-propylbenzene	12.56	91	514016	45.581	ug/l	100
79) 2-Chlorotoluene	12.65	91	300981	43.308	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	380451	47.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	49411	44.384	ug/l	94
82) 4-Chlorotoluene	12.75	91	322969	44.647	ug/l	100
83) tert-Butylbenzene	12.97	119	330046	49.773	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	381574	48.708	ug/l	98
85) sec-Butylbenzene	13.15	105	432427	48.710	ug/l	99
86) p-Isopropyltoluene	13.26	119	391198	51.235	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	186588	45.958	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	181307	45.364	ug/l	98
89) n-Butylbenzene	13.59	91	323312	49.281	ug/l	99
90) Hexachloroethane	13.85	117	68398	42.080	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	183247	47.203	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27811	45.787	ug/l	98

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VSTDCCC050EC

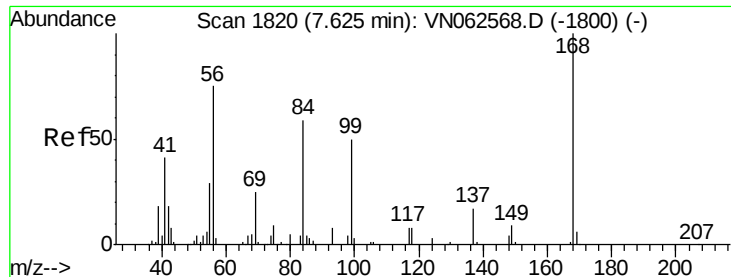
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	82654	41.083	ug/l	98
94) Hexachlorobutadiene	14.98	225	53407	50.861	ug/l	98
95) Naphthalene	15.10	128	215199	40.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	82677	45.191	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 177427

Ion Ratio Lower Upper

168 100

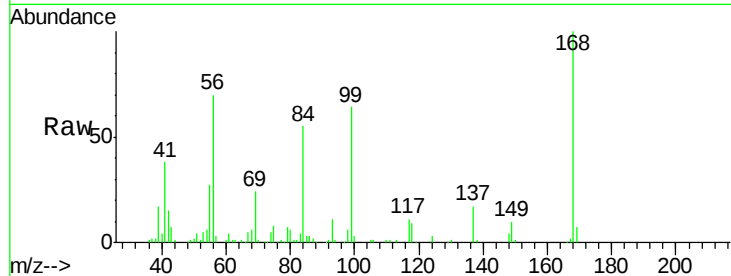
99 64.1 48.4 72.6

Manual Integrations

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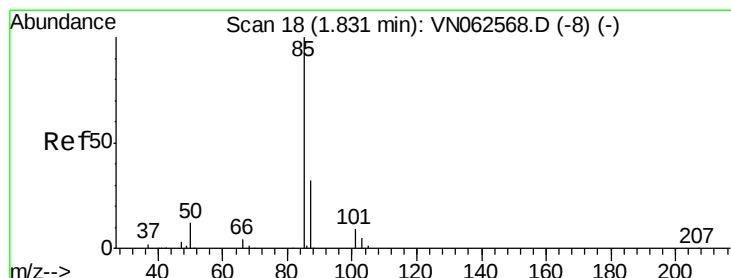
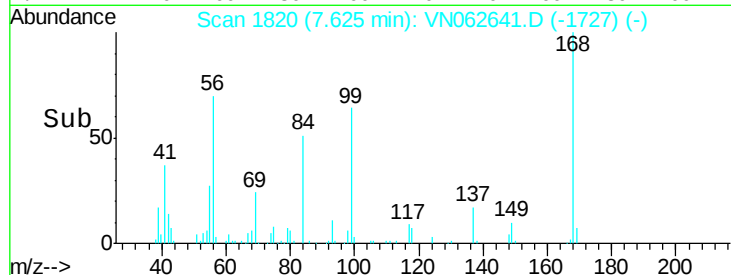
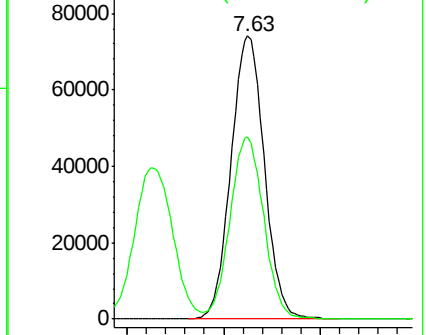
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.244 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062641.D

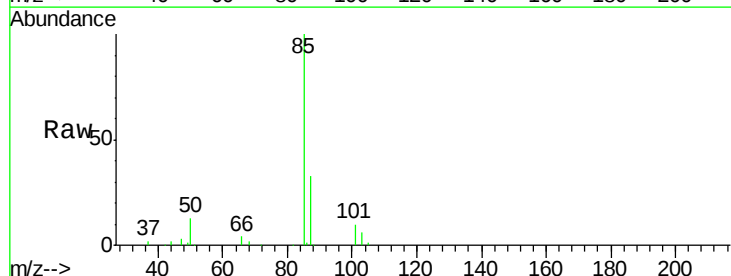
Acq: 28 Jul 2020 19:07

Tgt Ion: 85 Resp: 95754

Ion Ratio Lower Upper

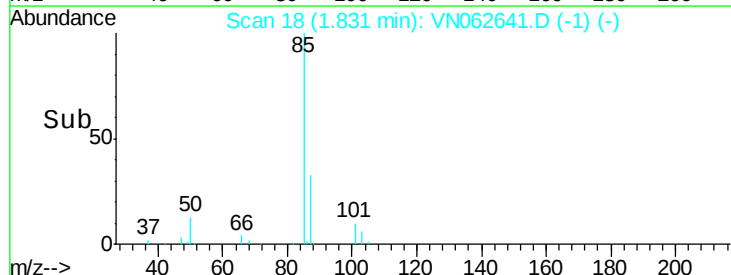
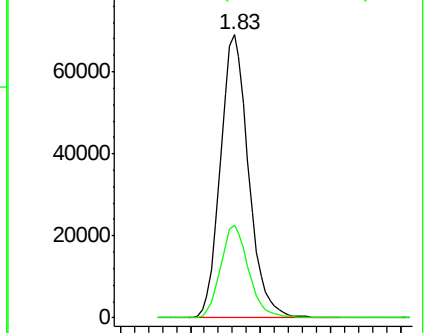
85 100

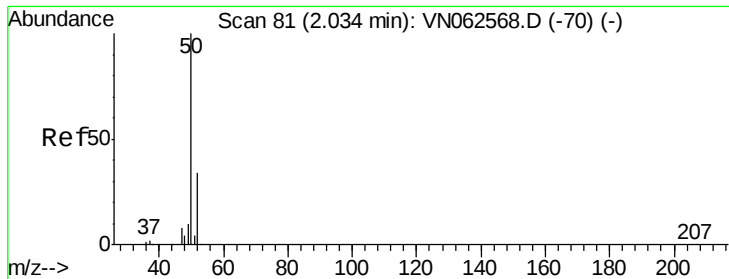
87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 40.331 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 115768

Ion Ratio Lower Upper

50 100

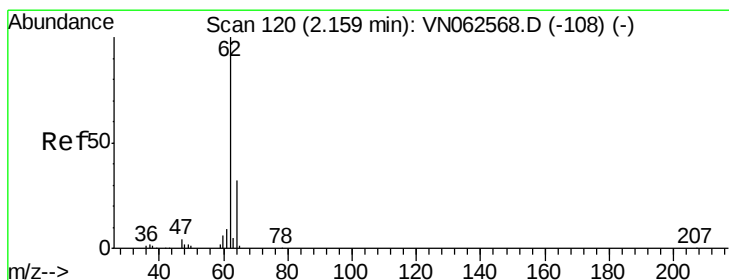
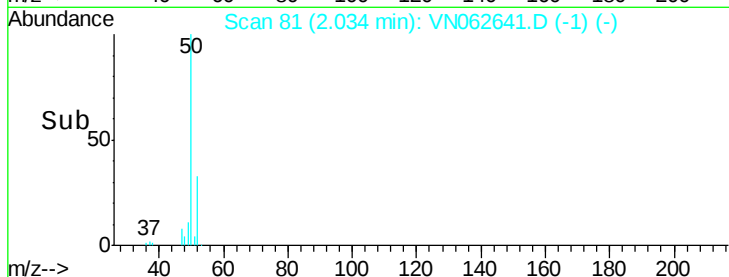
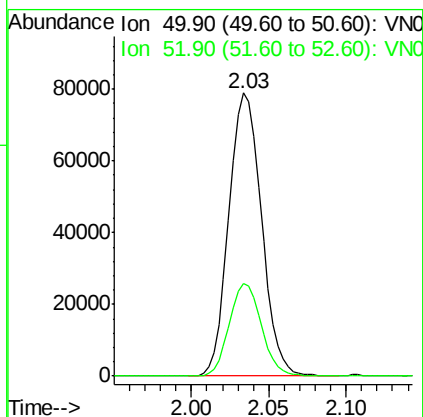
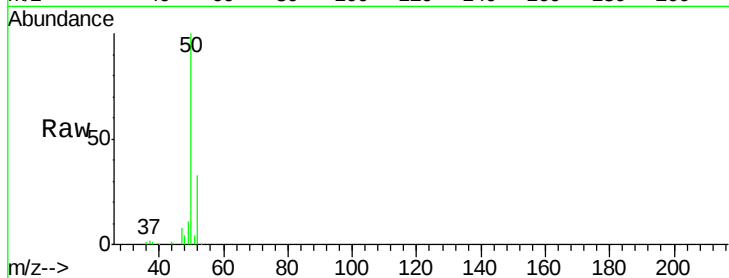
52 32.7 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.172 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062641.D

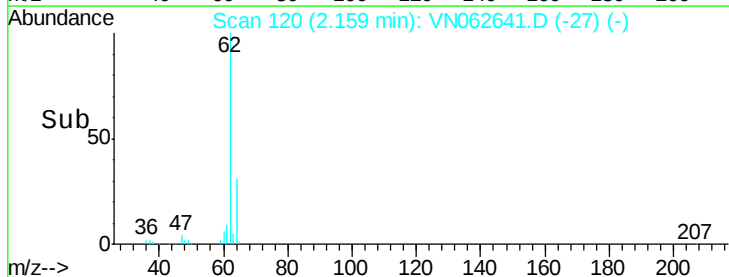
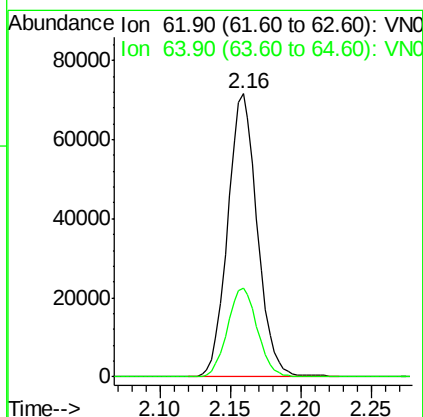
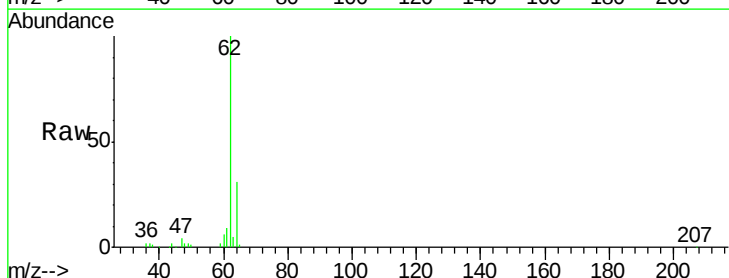
Acq: 28 Jul 2020 19:07

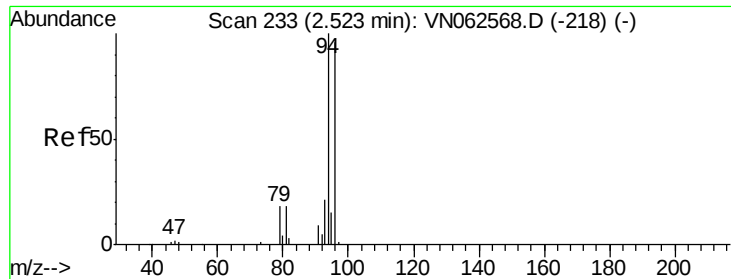
Tgt Ion: 62 Resp: 104940

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 43.685 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

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VSTDCCC050EC

Tgt Ion: 94 Resp: 48148

Ion Ratio Lower Upper

94 100

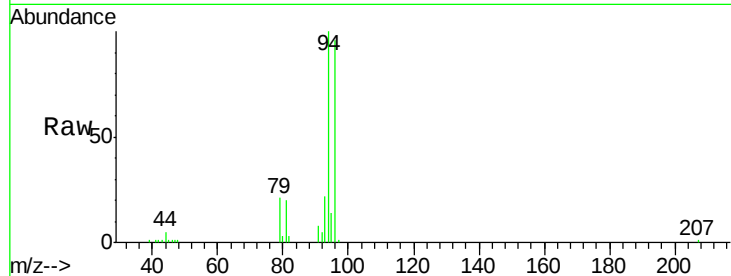
96 96.4 76.6 114.8

Manual Integrations

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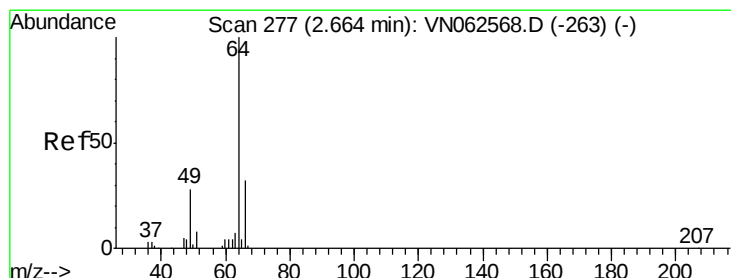
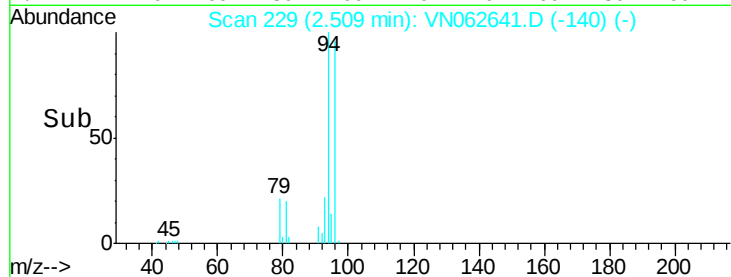
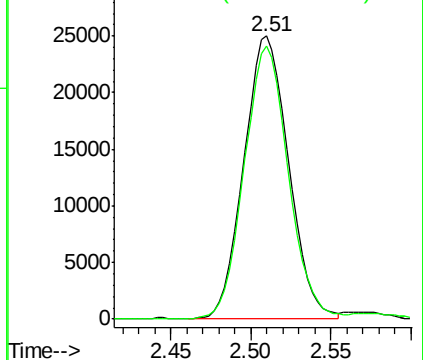
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.577 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062641.D

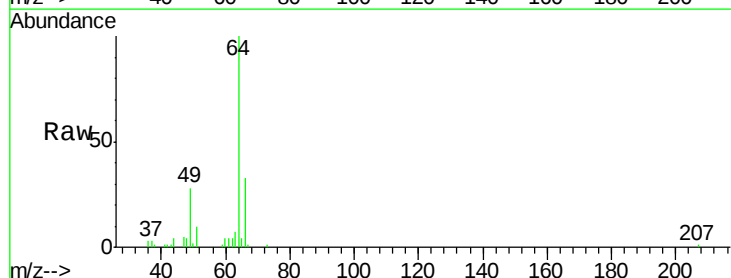
Acq: 28 Jul 2020 19:07

Tgt Ion: 64 Resp: 52428

Ion Ratio Lower Upper

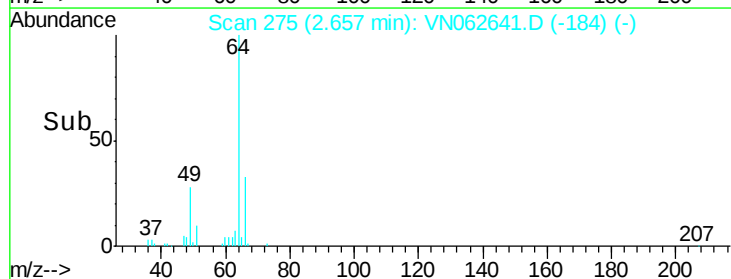
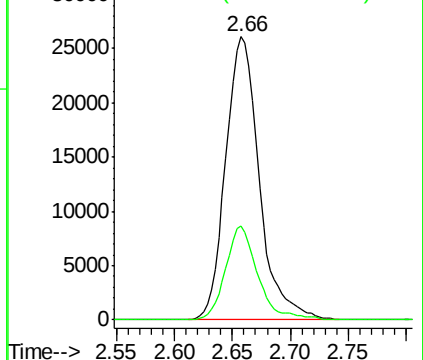
64 100

66 33.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

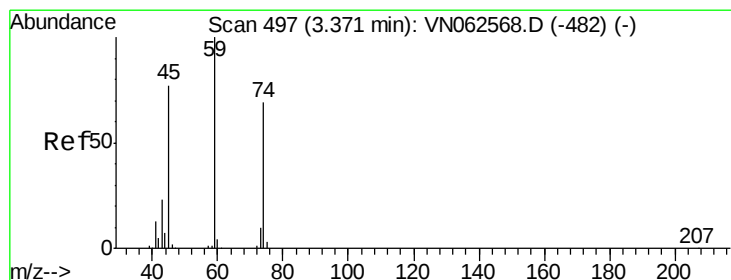
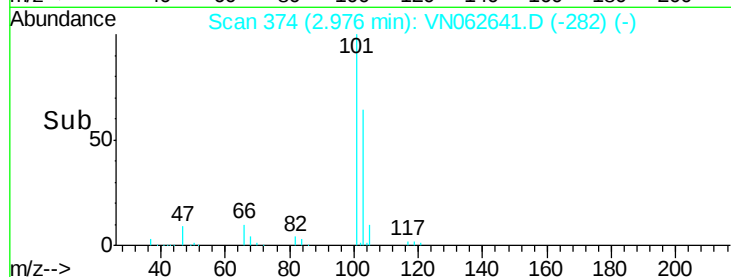
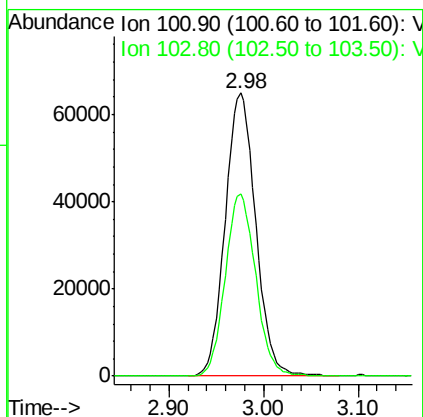
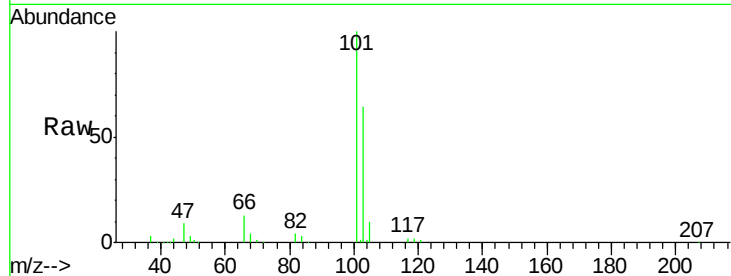
Trichlorofluoromethane
 Concen: 49.963 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

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 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.5	77.3

Manual Integrations
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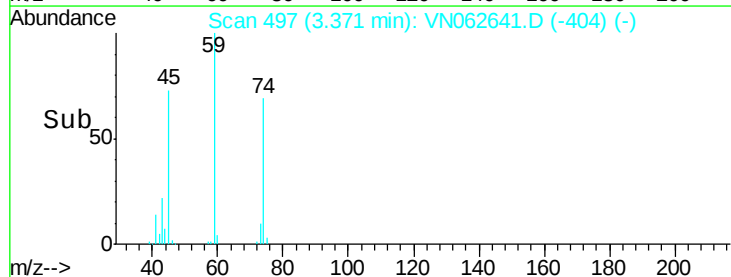
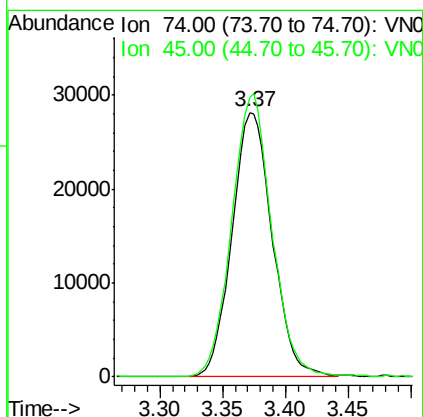
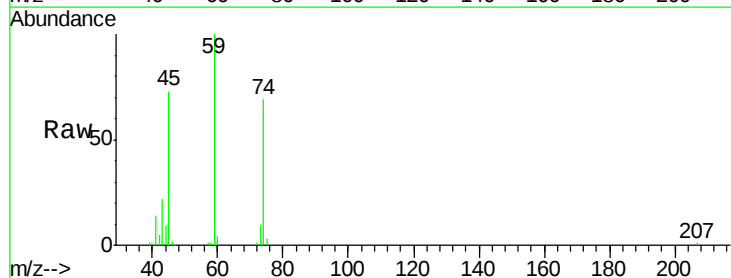
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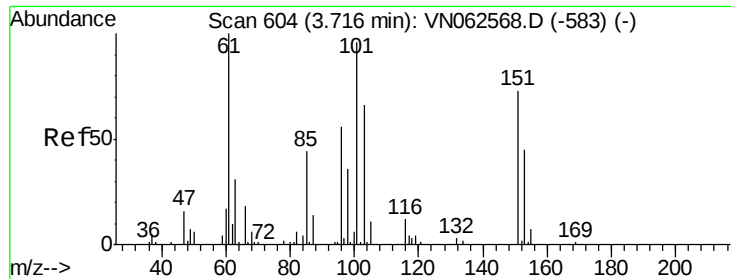


#8

Diethyl Ether
 Concen: 45.974 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062641.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.9	55.3	165.8





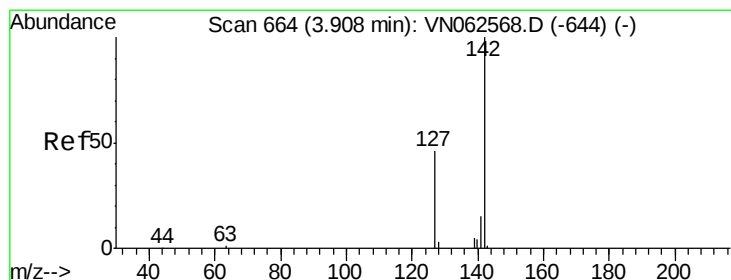
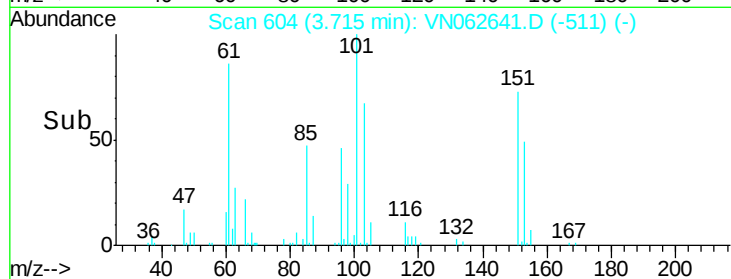
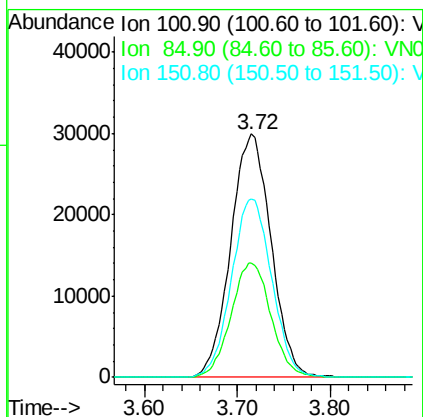
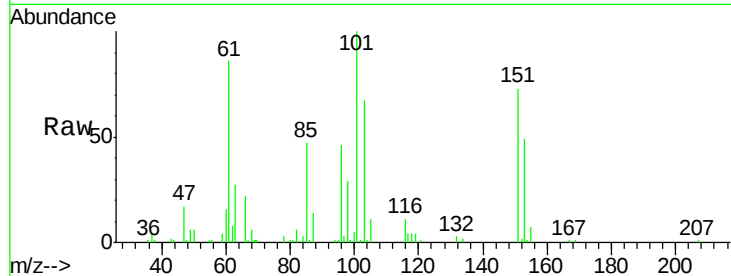
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.242 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	90367		
85	46.5	36.0	54.0	
151	73.1	60.0	90.0	

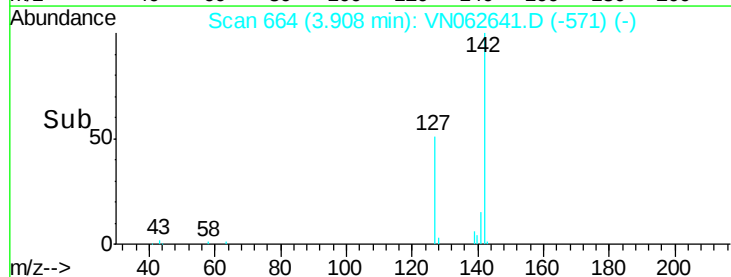
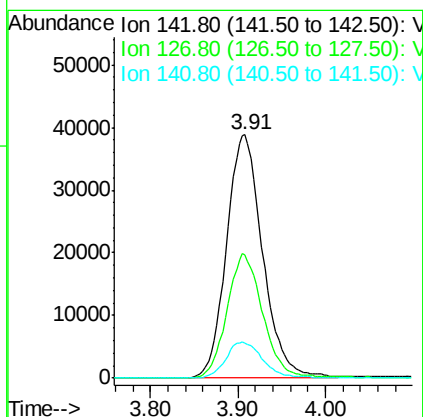
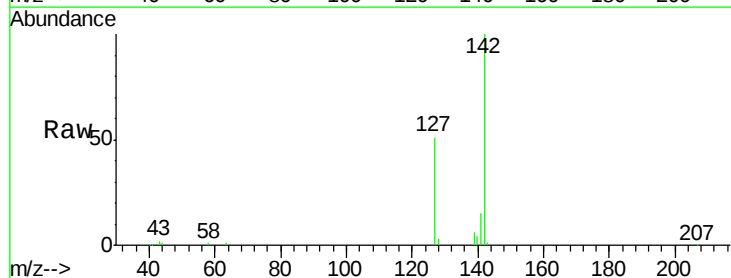
Manual Integrations
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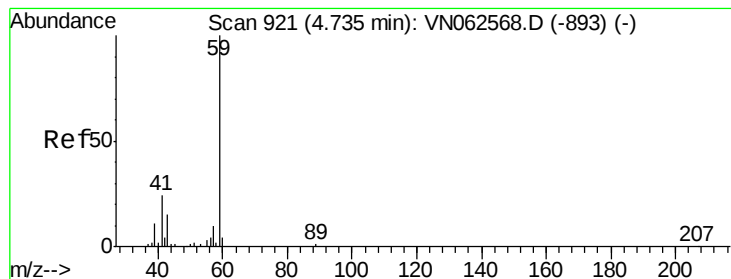
MMDadoda
 7/29/2020 7:06:29 PM



#10
 Methyl Iodide
 Concen: 46.450 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	111240		
127	50.3	37.4	56.0	
141	14.9	11.9	17.9	





#11

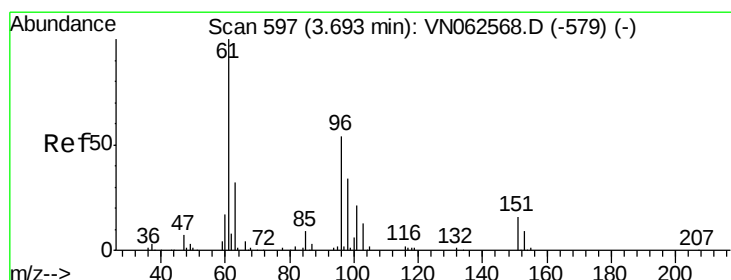
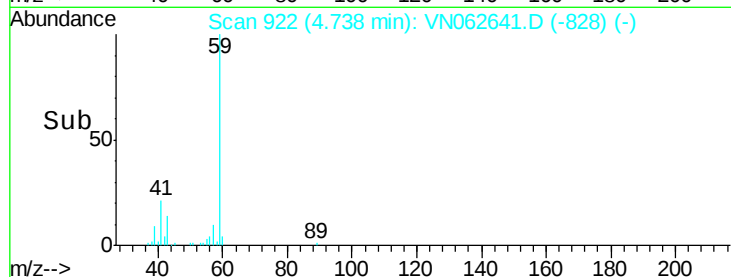
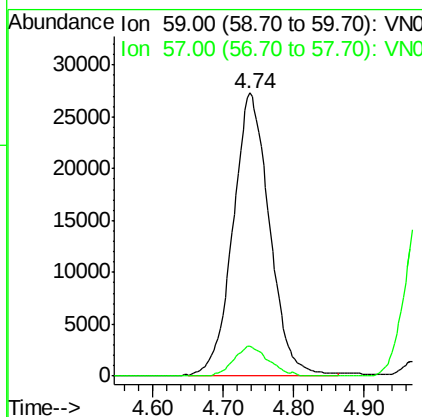
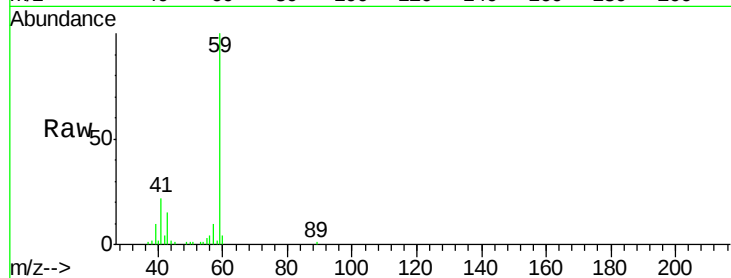
Tert butyl alcohol
Concen: 225.289 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2

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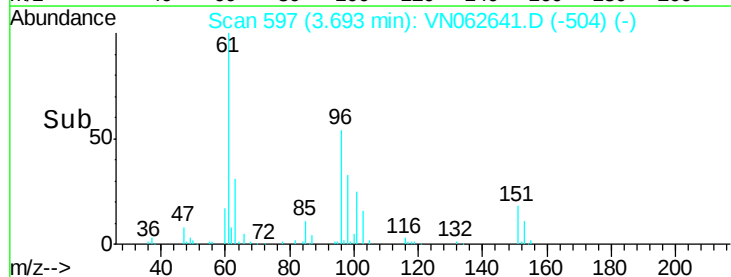
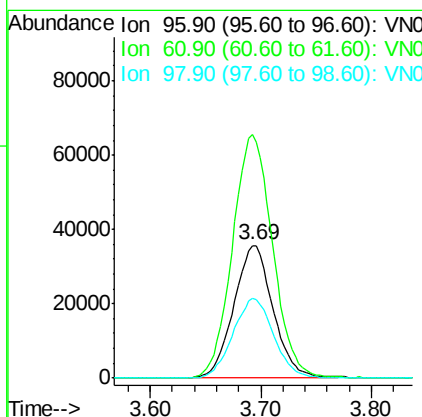
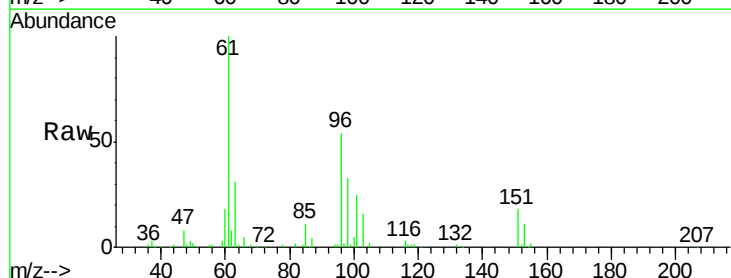
MMDadoda
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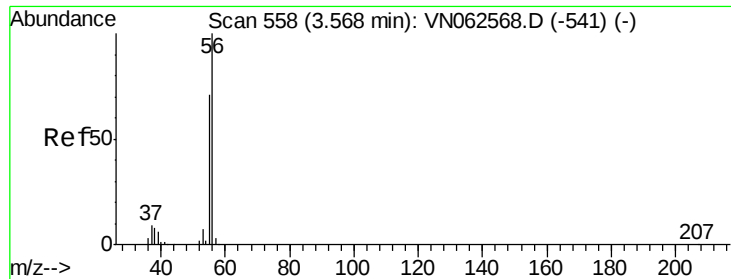


#12

1,1-Dichloroethene
Concen: 46.294 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.7	148.6	222.8
98	60.5	50.6	75.8





#13

Acrolein

Concen: 257.697 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 117956

Ion Ratio Lower Upper

56 100

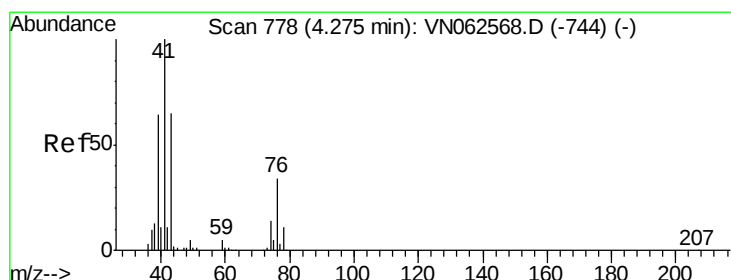
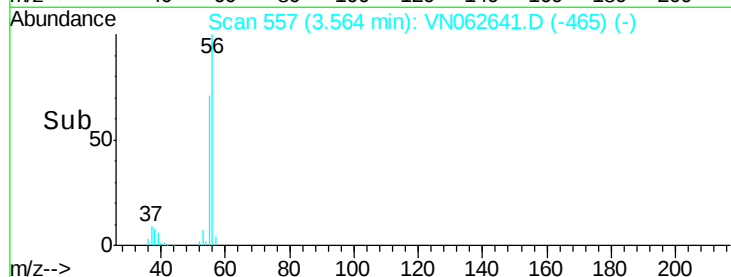
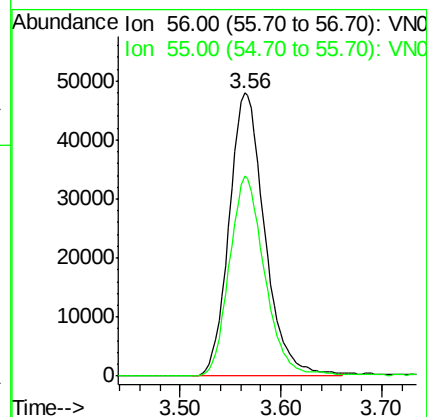
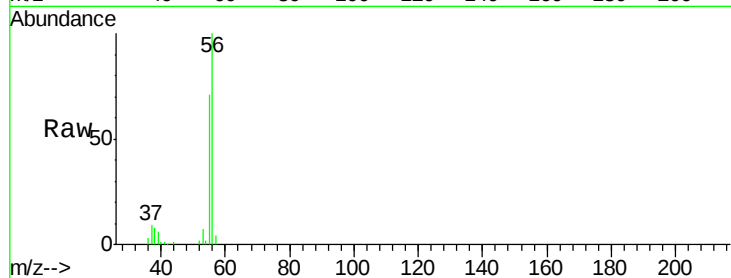
55 69.7 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 43.669 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

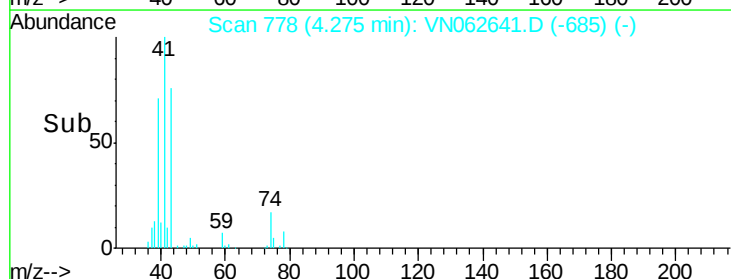
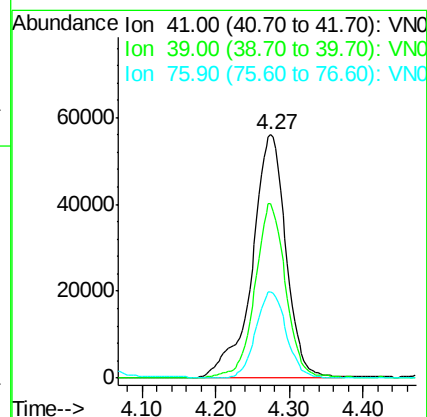
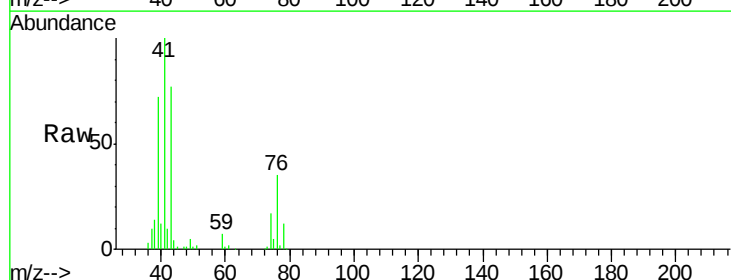
Tgt Ion: 41 Resp: 179457

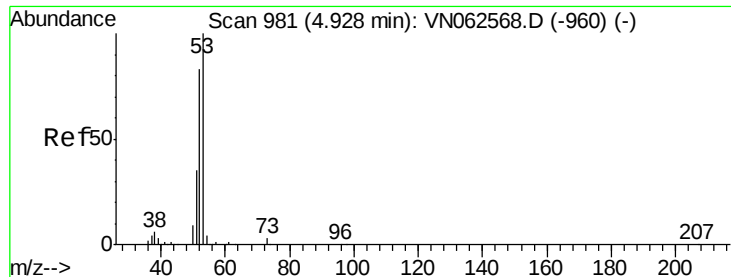
Ion Ratio Lower Upper

41 100

39 65.0 49.0 73.4

76 31.1 24.0 36.0





#15

Acrylonitrile

Concen: 237.017 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

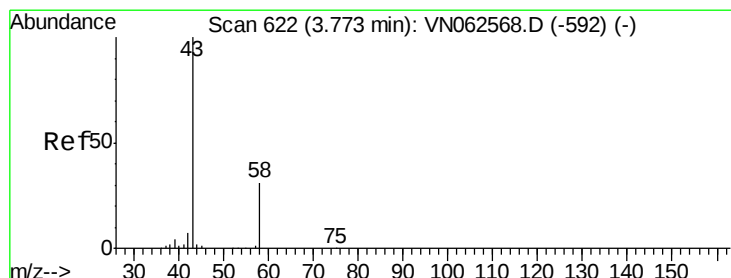
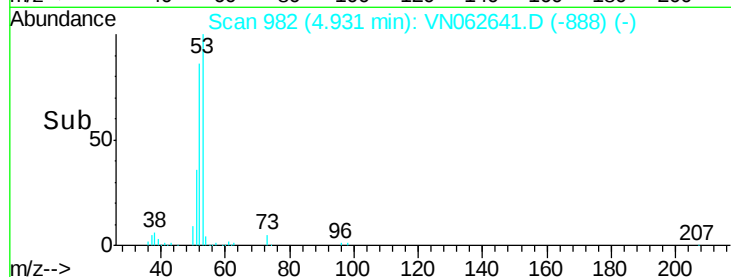
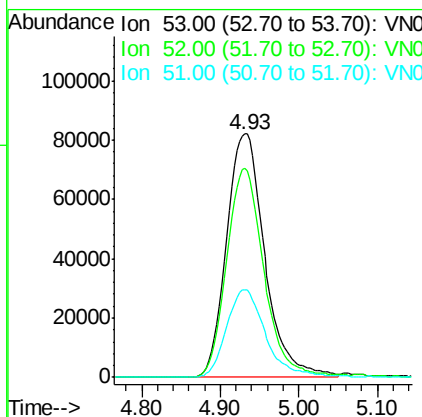
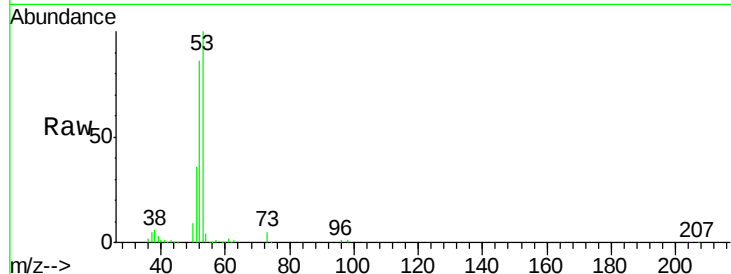
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	278356
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.3	99.5
51	37.0	28.6	43.0

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#16

Acetone

Concen: 224.151 ug/l

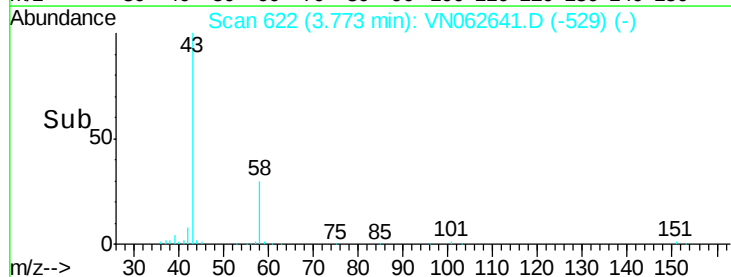
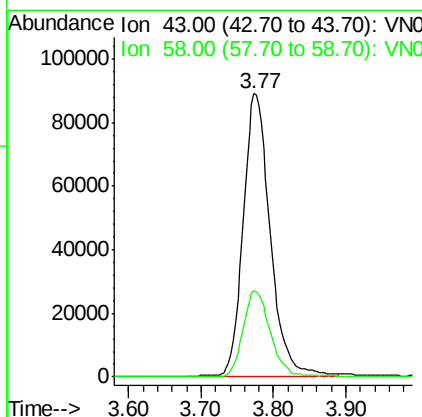
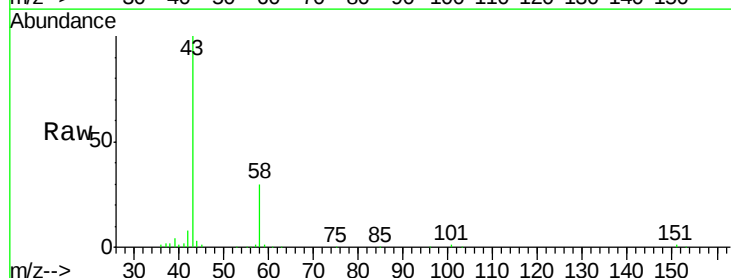
RT: 3.77 min Scan# 622

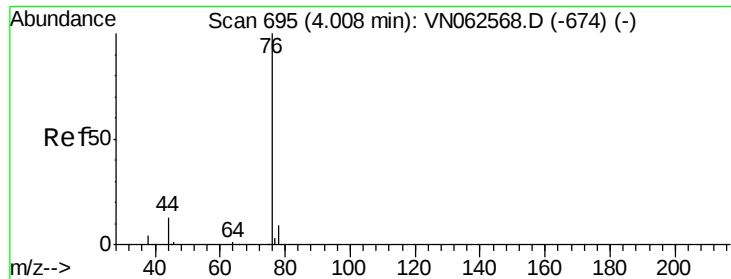
Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion:	43	Resp:	232488
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.6	37.0





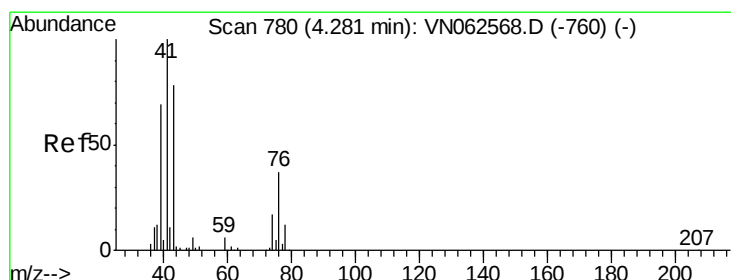
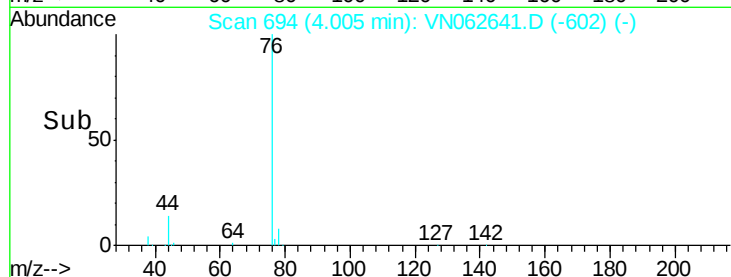
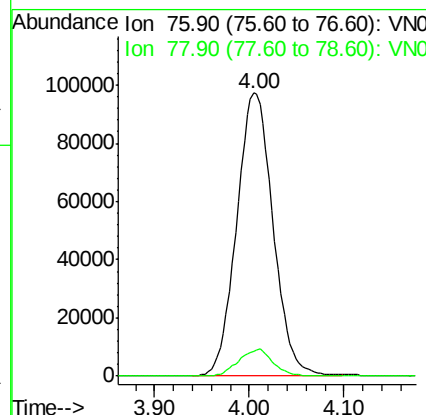
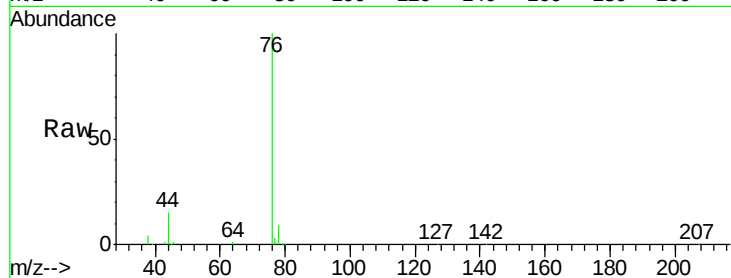
#17
Carbon Disulfide
Concen: 41.652 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 259995
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

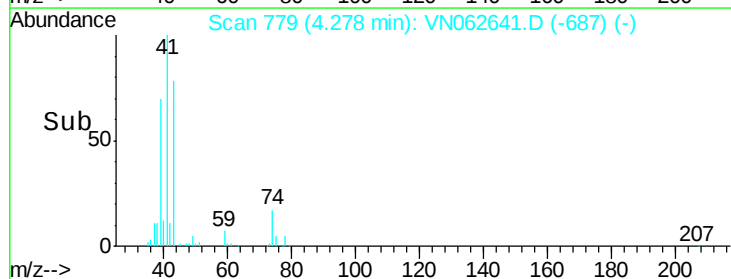
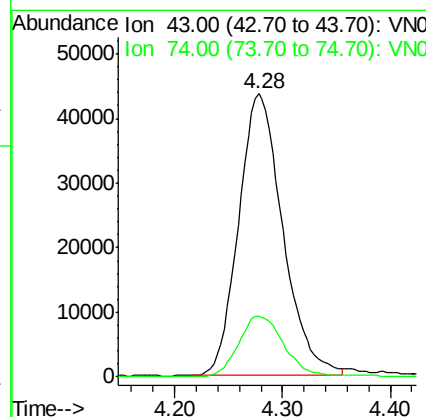
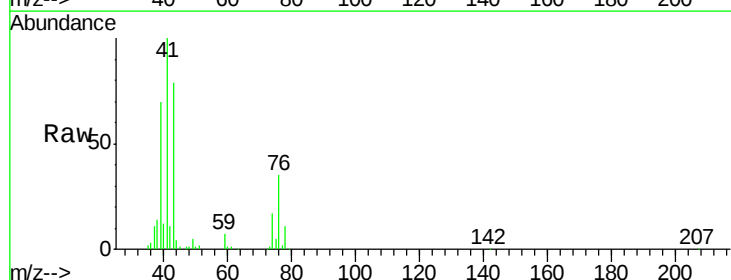
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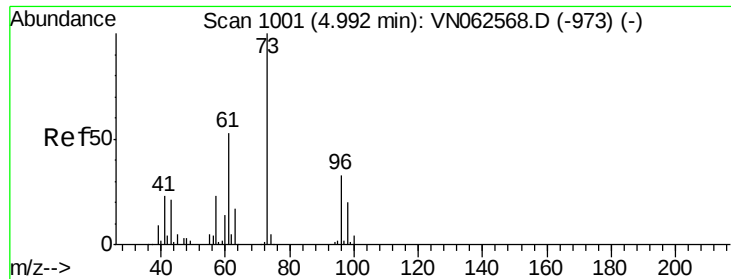
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#18
Methyl Acetate
Concen: 47.369 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 43 Resp: 124379
Ion Ratio Lower Upper
43 100
74 22.2 16.6 24.8





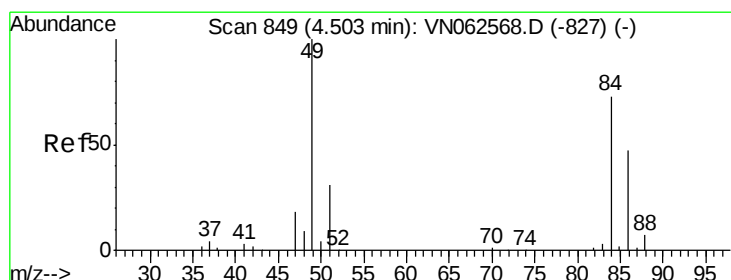
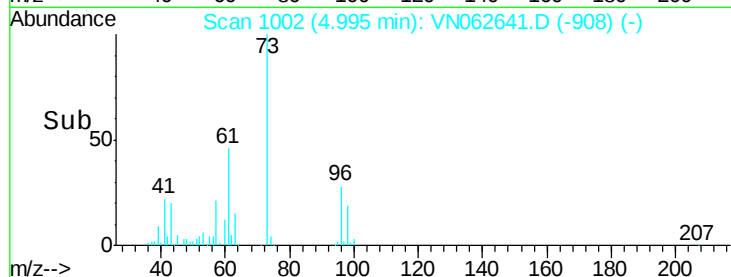
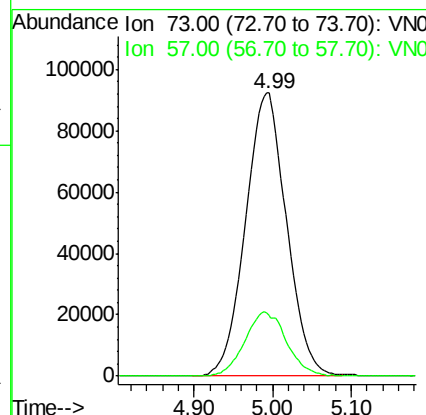
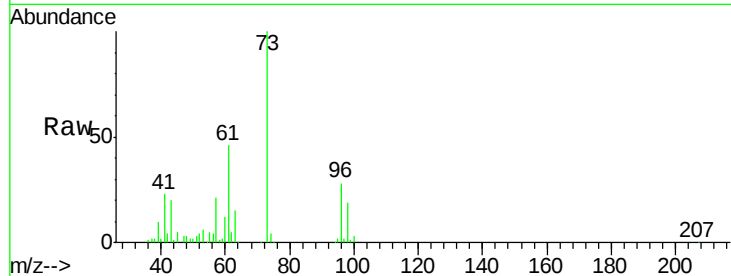
#19
Methyl tert-butyl Ether
Concen: 48.474 ug/l
RT: 4.99 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 338949
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8

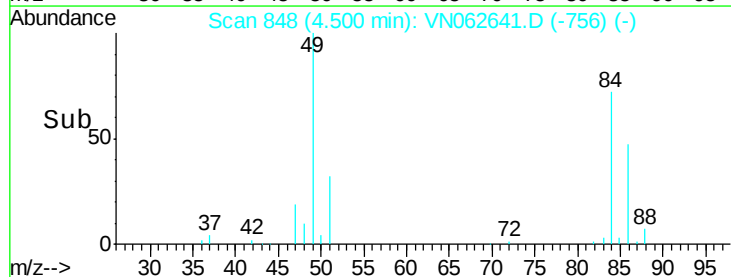
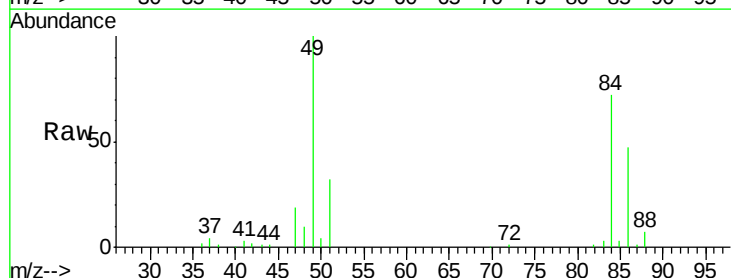
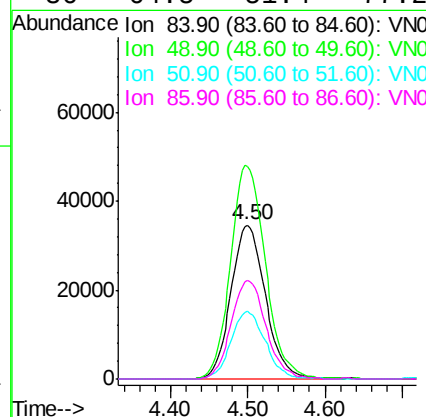
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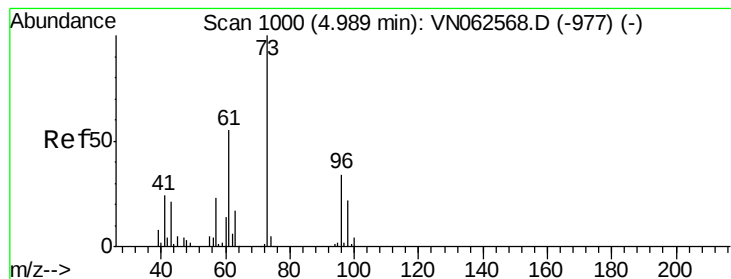
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#20
Methylene Chloride
Concen: 43.152 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 84 Resp: 107346
Ion Ratio Lower Upper
84 100
49 138.6 109.4 164.0
51 43.9 33.6 50.4
86 64.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.611 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

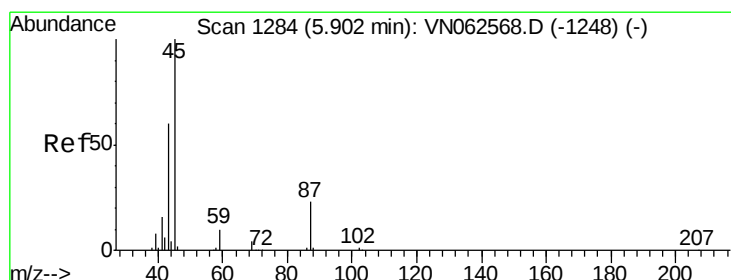
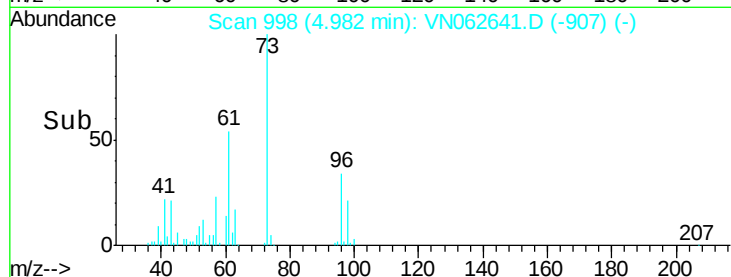
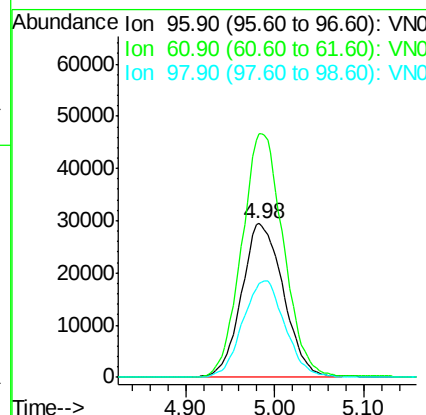
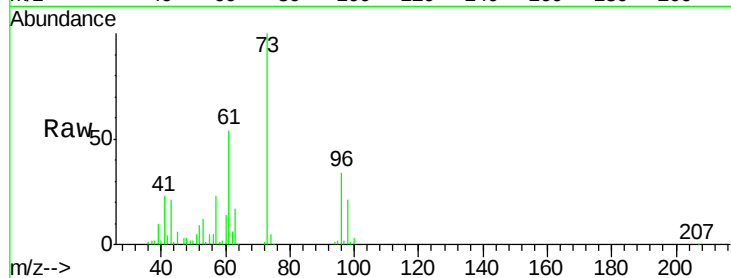
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	96172
Ion	Ratio	Lower	Upper
96	100		
61	158.0	128.6	192.8
98	61.0	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.141 ug/l

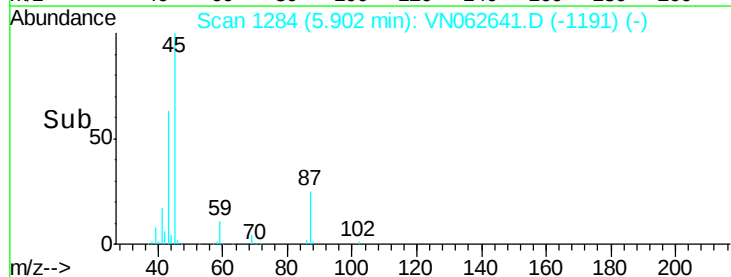
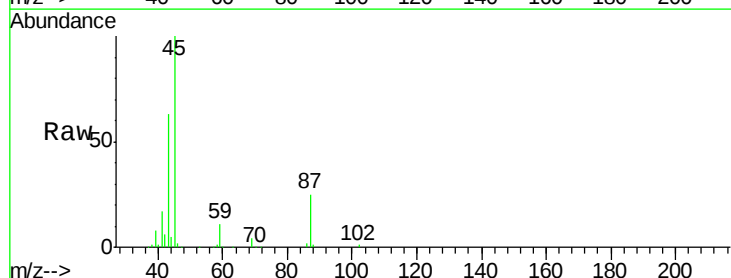
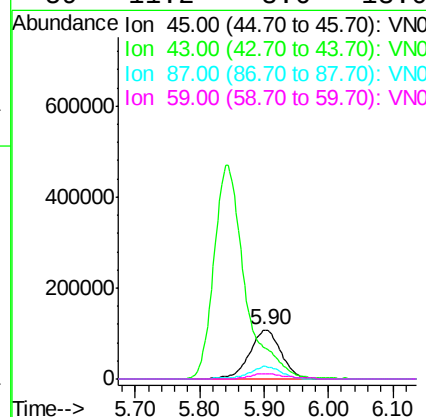
RT: 5.90 min Scan# 1284

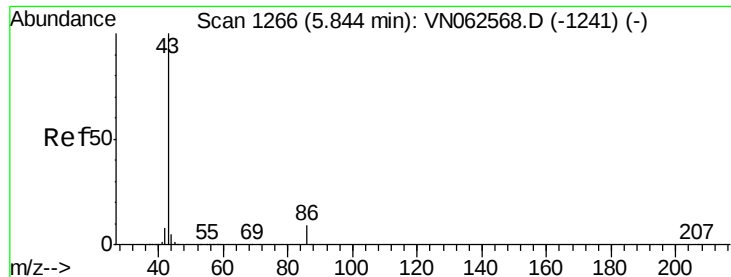
Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion:	45	Resp:	368734
Ion	Ratio	Lower	Upper
45	100		
43	62.1	48.7	73.1
87	25.0	19.0	28.6
59	11.2	8.6	13.0





#23

Vinyl Acetate

Concen: 235.199 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1574206

Ion Ratio Lower Upper

43 100

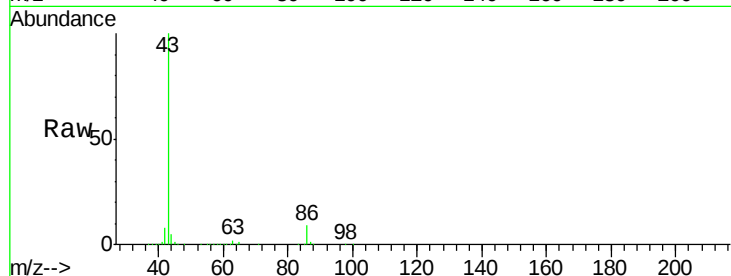
86 8.9 6.9 10.3

Manual Integrations

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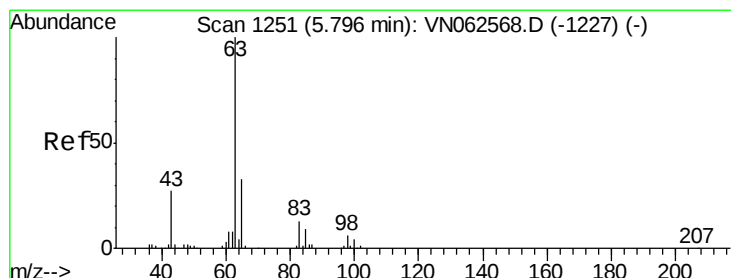
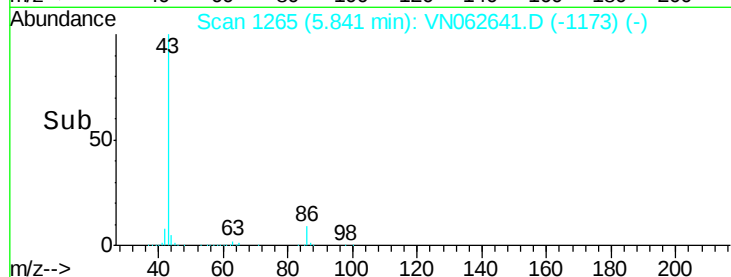
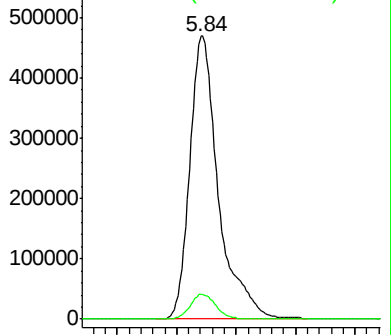
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.440 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

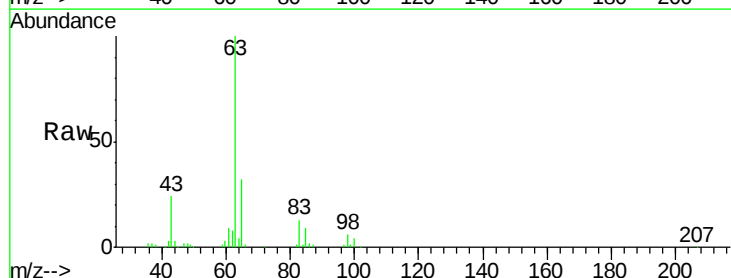
Tgt Ion: 63 Resp: 204276

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

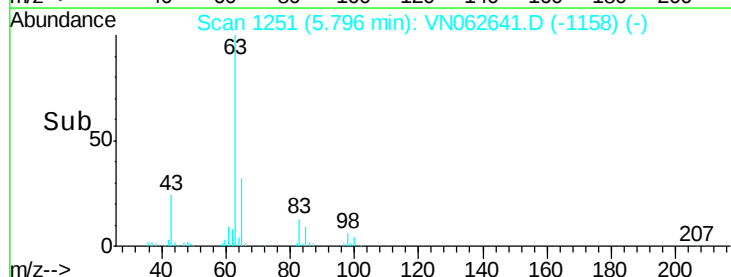
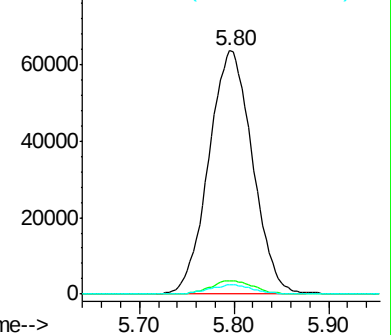
100 4.1 1.8 5.4

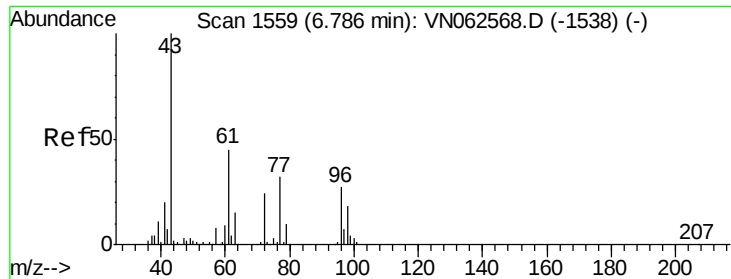


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





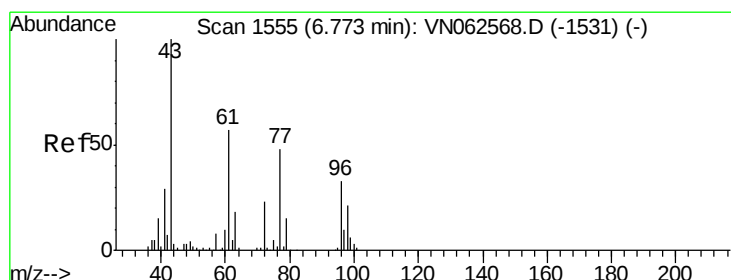
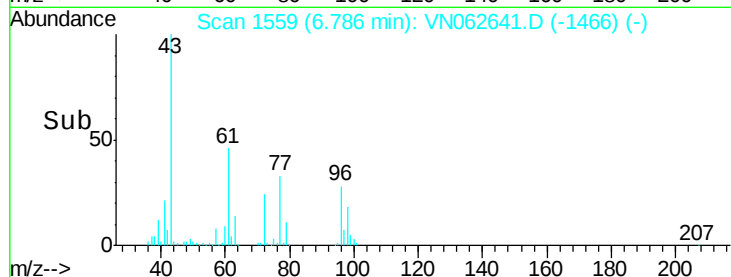
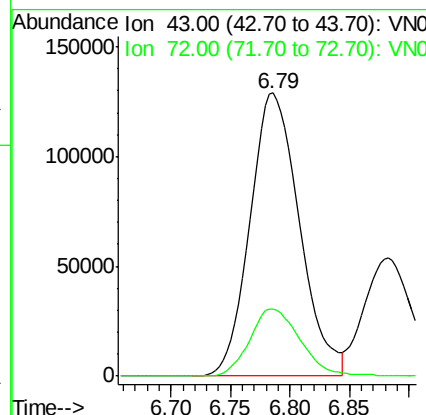
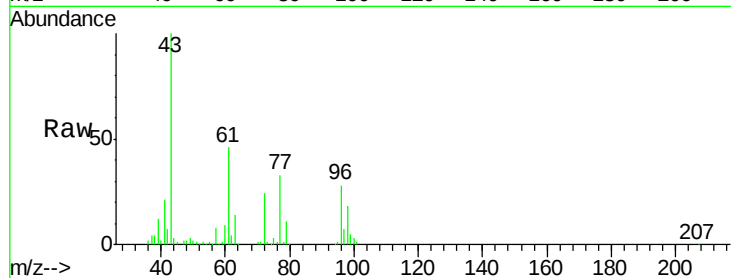
#25
 2-Butanone
 Concen: 235.301 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 371686
 Ion Ratio Lower Upper
 43 100
 72 23.8 19.0 28.6

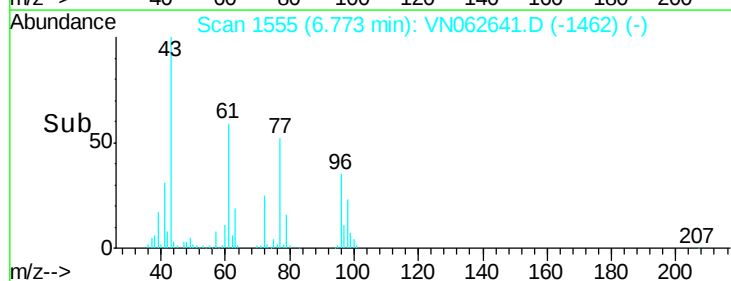
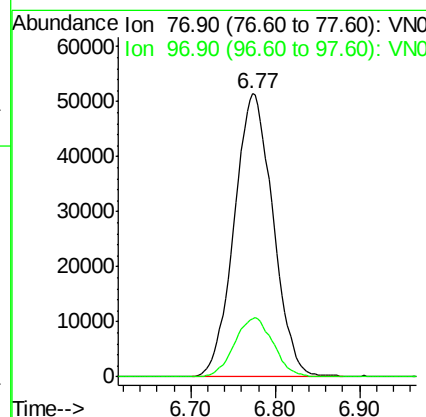
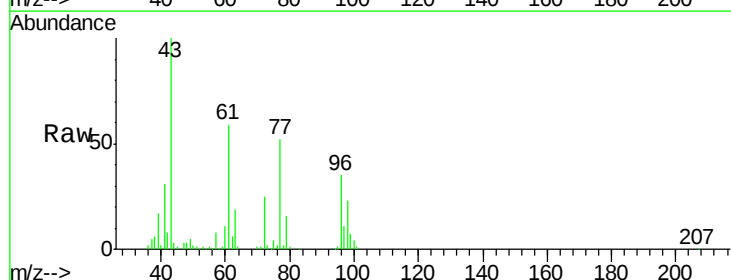
Manual Integrations
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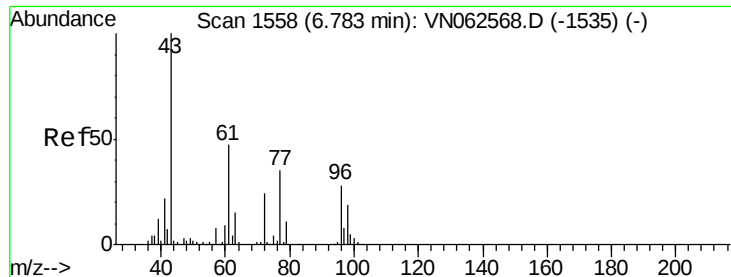
MMDadoda
 7/29/2020 7:06:29 PM



#26
 2,2-Dichloropropane
 Concen: 45.618 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 77 Resp: 164723
 Ion Ratio Lower Upper
 77 100
 97 20.8 10.8 32.4





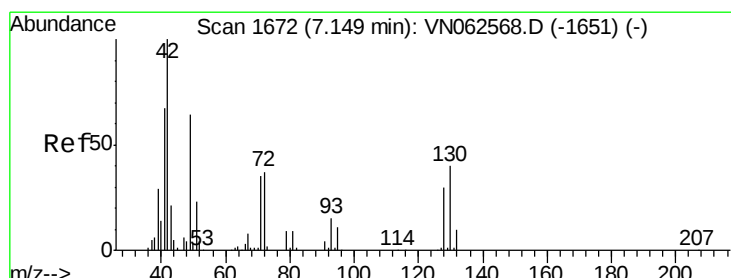
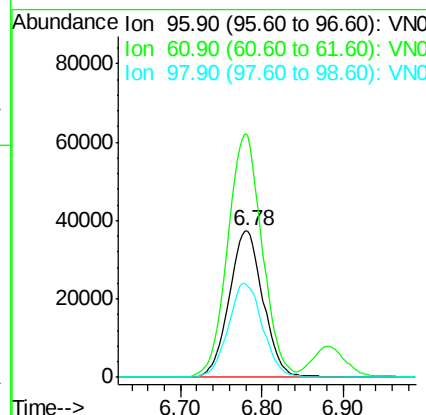
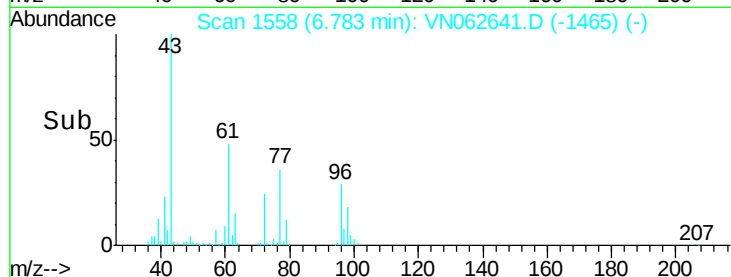
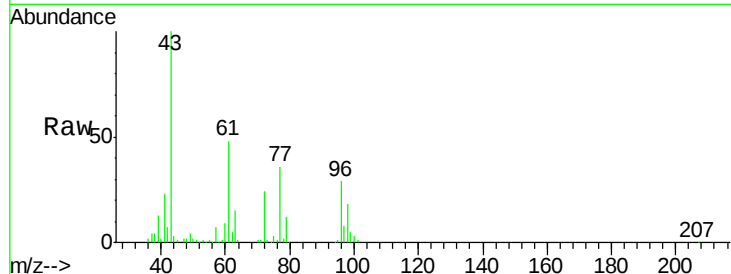
#27
 cis-1,2-Dichloroethene
 Concen: 45.238 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	108845		
61	168.6	0.0	332.4	
98	64.9	0.0	127.4	

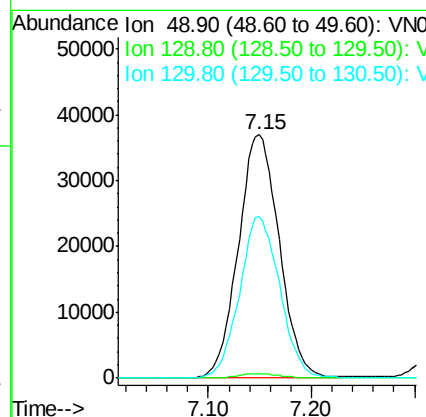
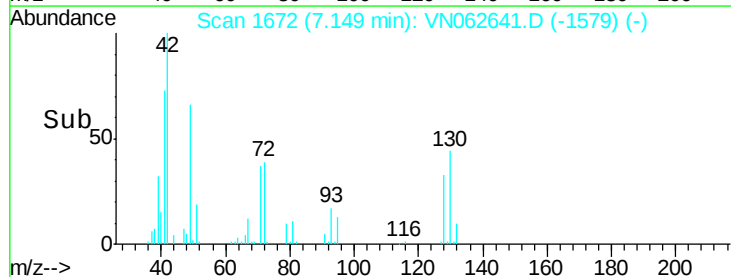
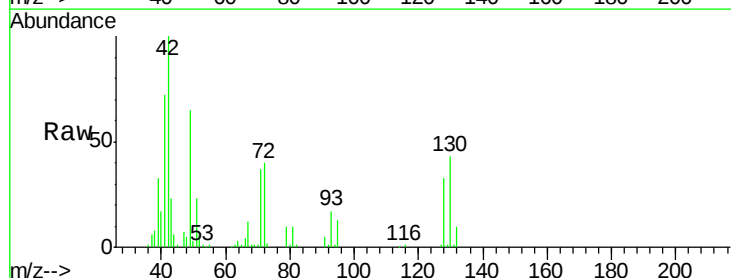
Manual Integrations
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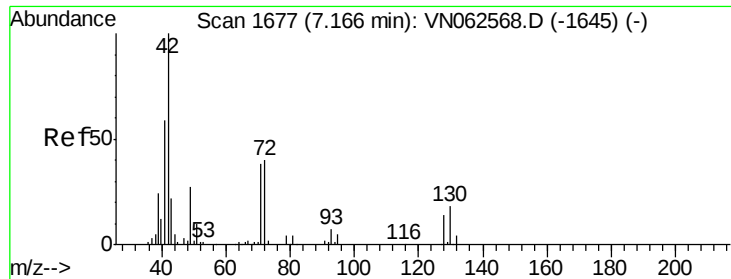
MMDadoda
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#28
 Bromochloromethane
 Concen: 47.193 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	102161		
129	0.8	0.0	3.4	
130	65.0	49.8	74.8	





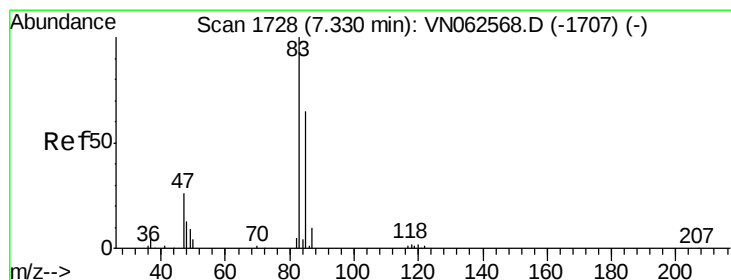
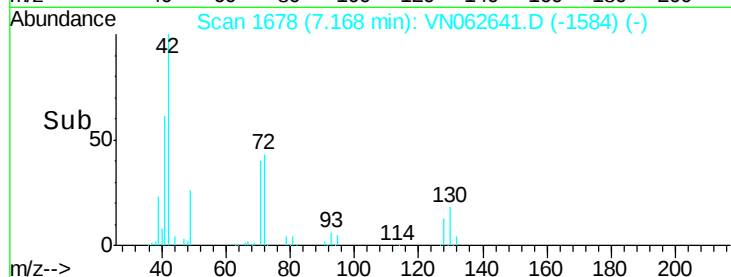
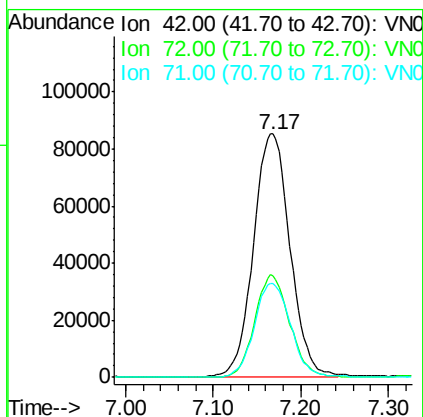
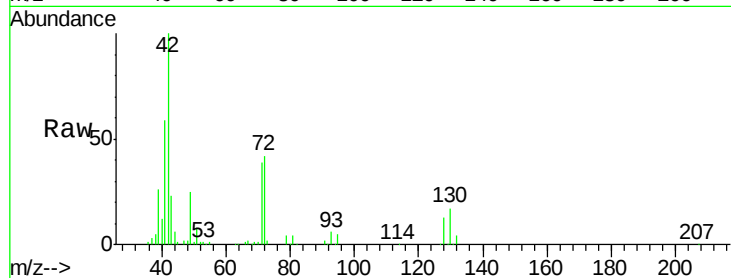
#29
Tetrahydrofuran
Concen: 231.611 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.4	30.7	46.1
71	38.4	29.1	43.7

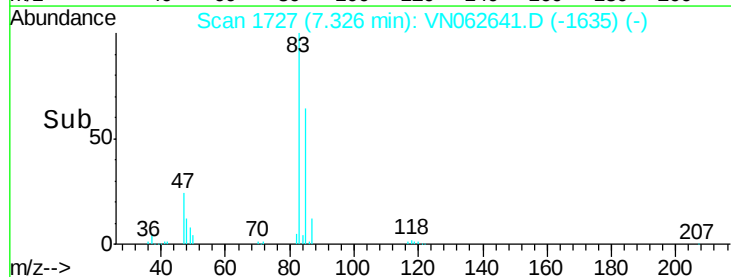
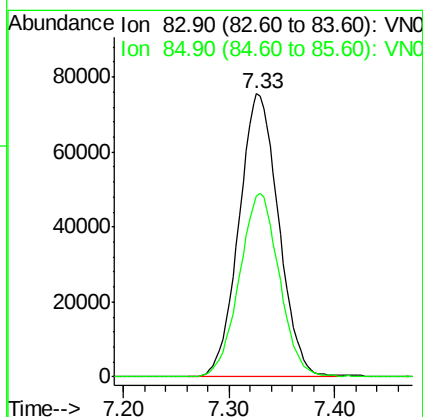
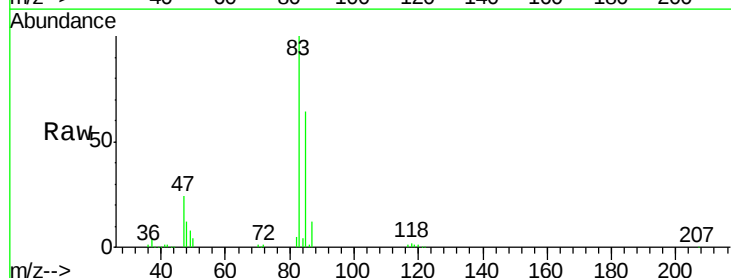
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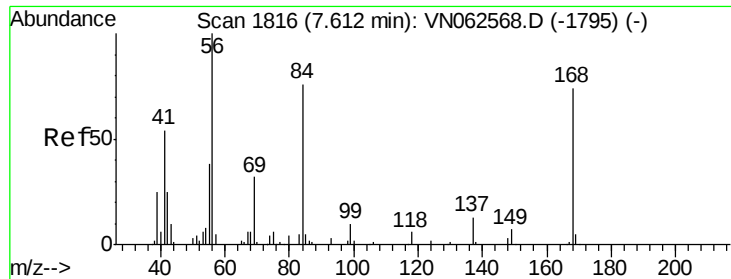
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#30
Chloroform
Concen: 47.269 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.0	78.0





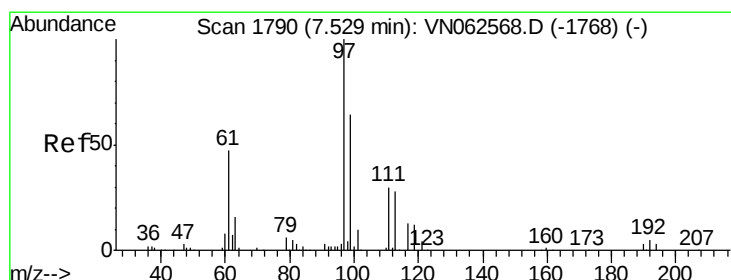
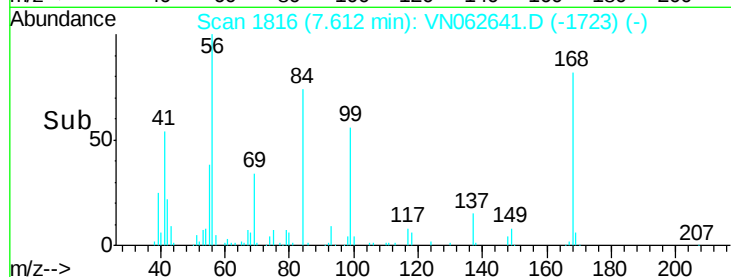
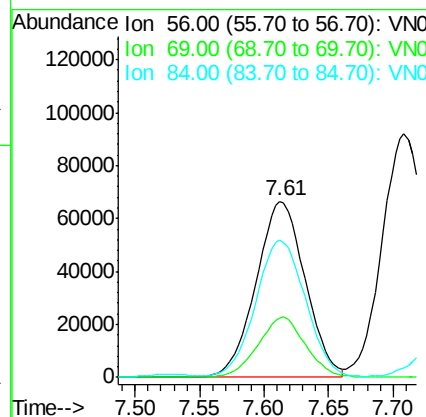
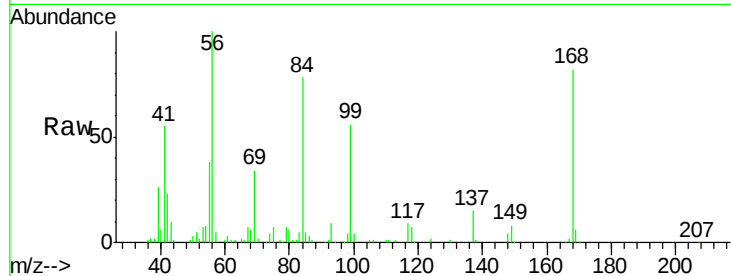
#31
Cyclohexane
Concen: 43.363 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.0	25.3	37.9
84	76.7	61.0	91.4

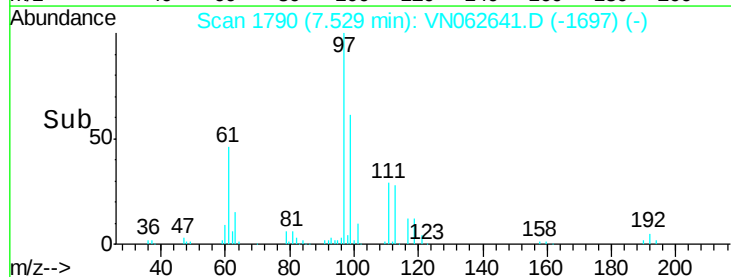
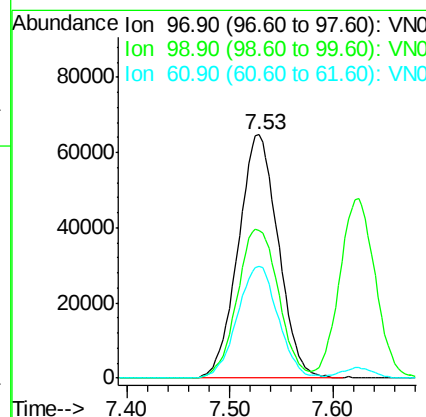
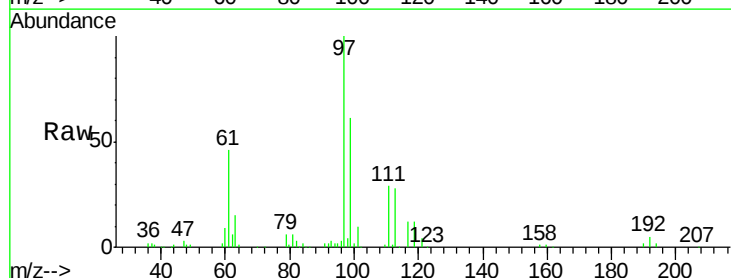
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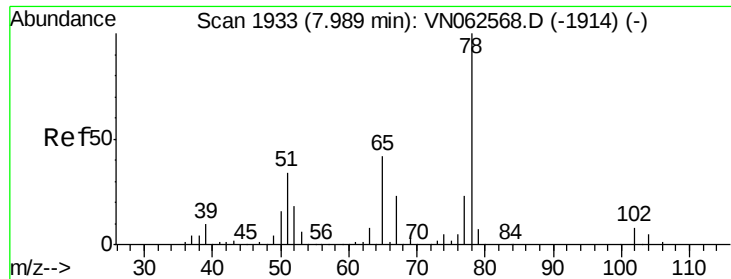
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#32
1,1,1-Trichloroethane
Concen: 50.023 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	47.0	38.4	57.6





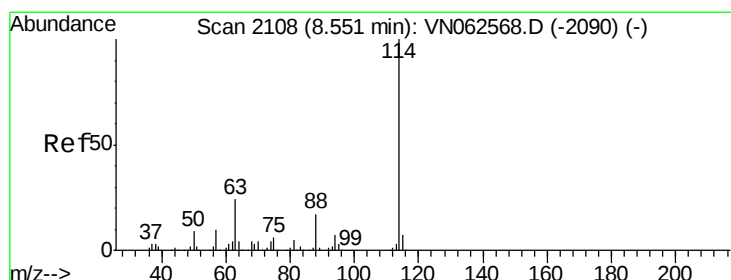
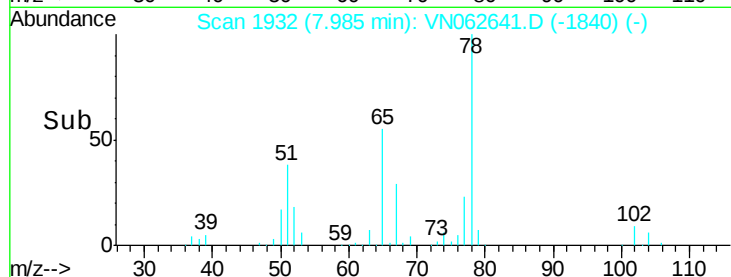
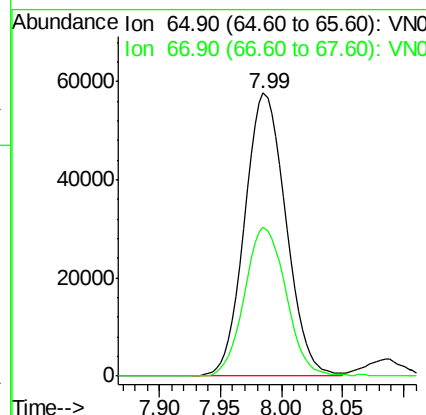
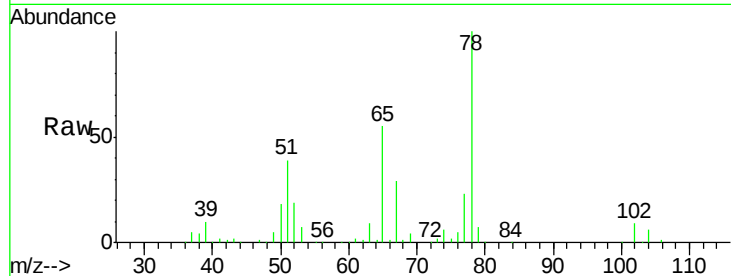
#33
 1,2-Dichloroethane-d4
 Concen: 49.099 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 135330
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.0

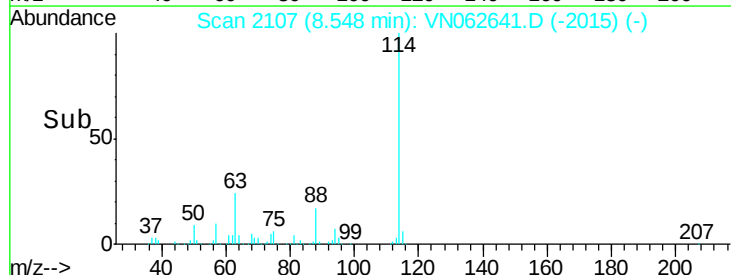
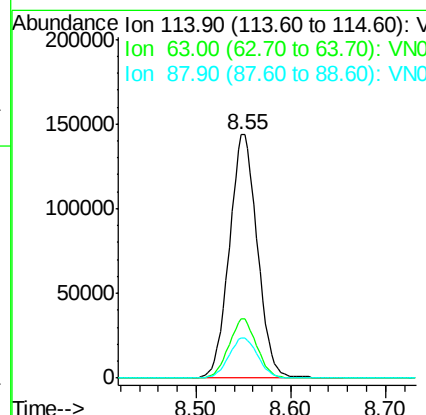
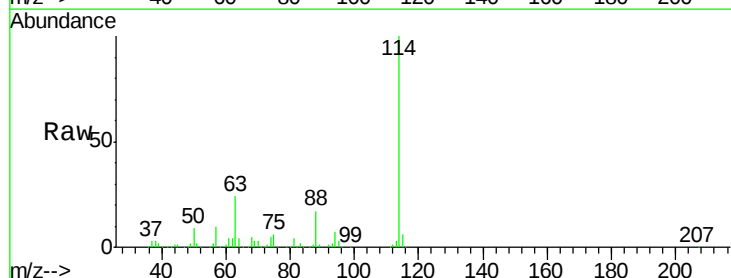
Manual Integrations
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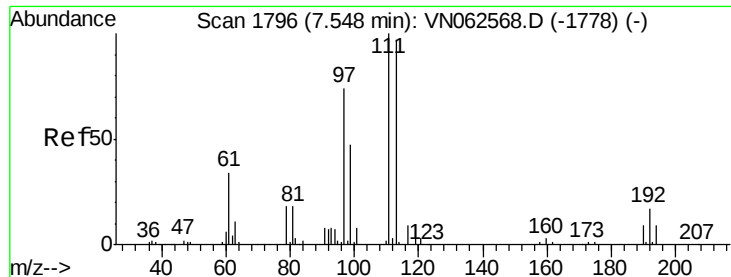
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 114 Resp: 294929
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.4
 88 16.7 0.0 33.8





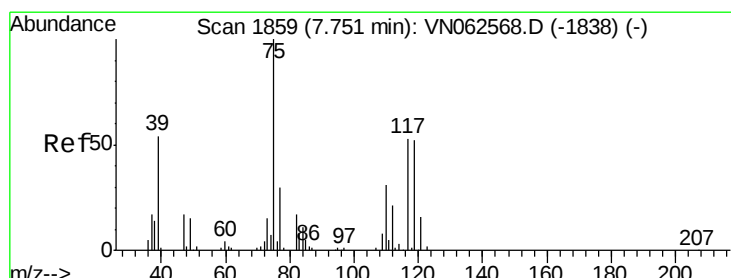
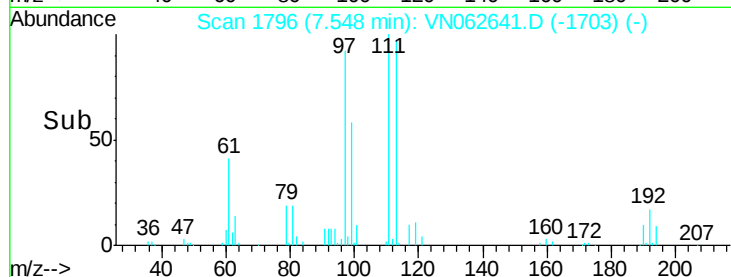
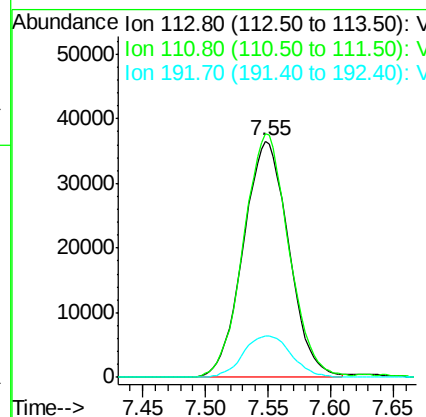
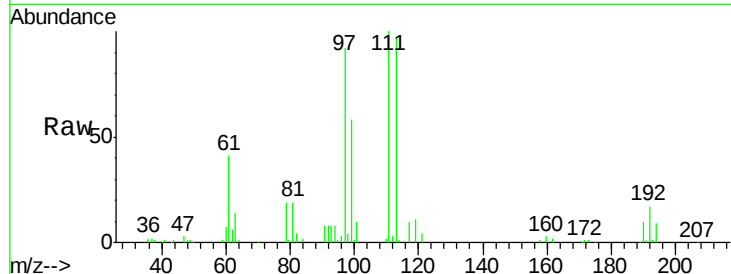
#35
 Dibromofluoromethane
 Concen: 47.663 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	92336		
111	102.7	82.7	124.1	
192	18.5	14.8	22.2	

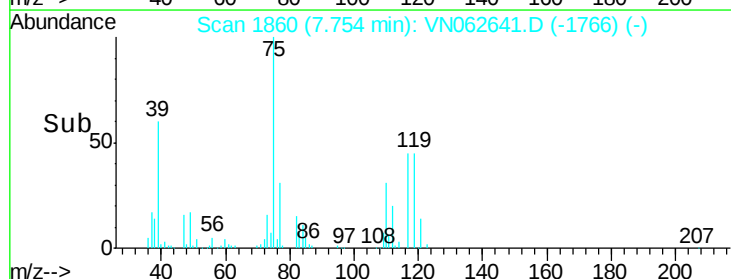
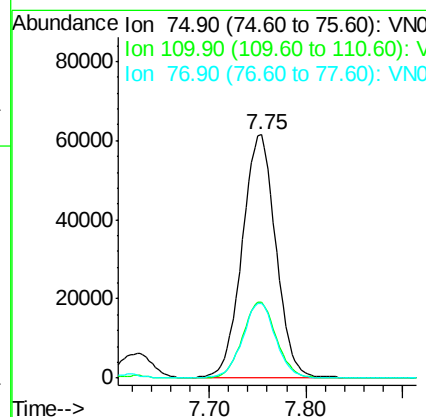
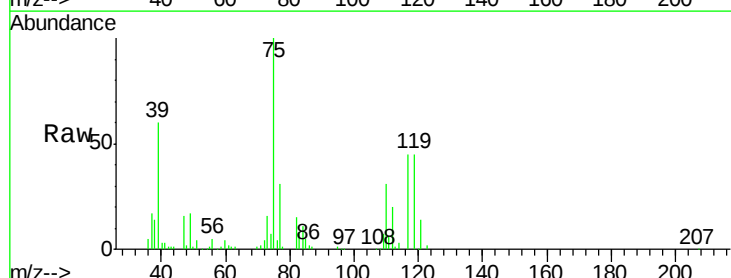
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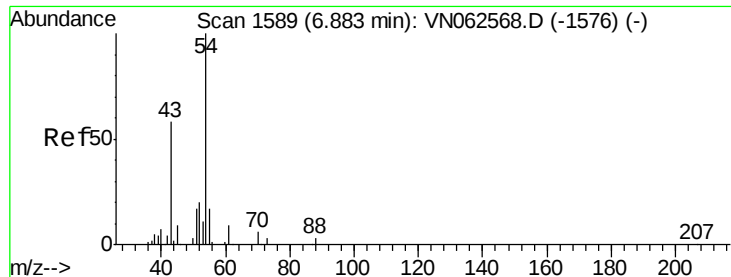
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#36
 1,1-Dichloropropene
 Concen: 47.094 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	148047		
110	31.4	16.0	48.0	
77	30.6	24.6	36.8	





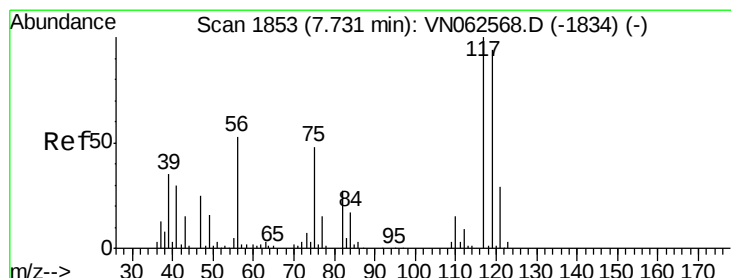
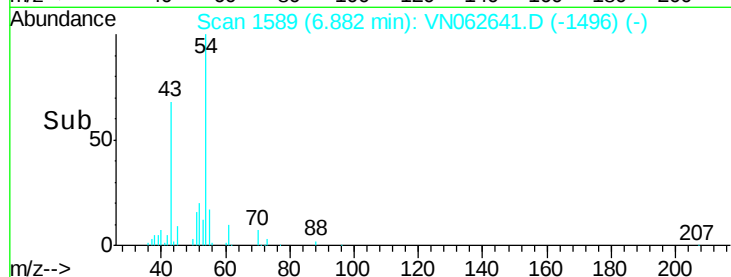
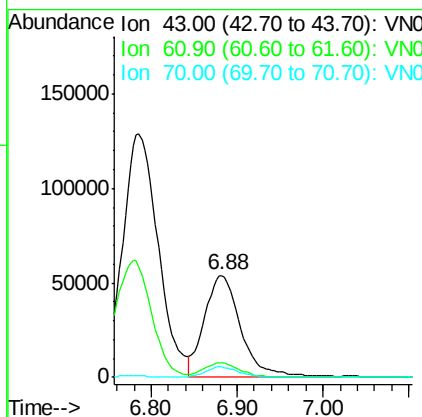
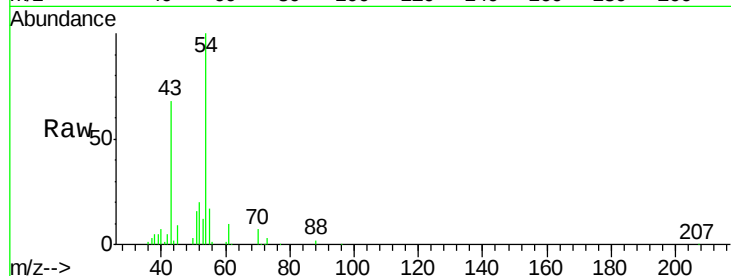
#37
Ethyl Acetate
 Concen: 46.368 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	9.3	7.7	11.5

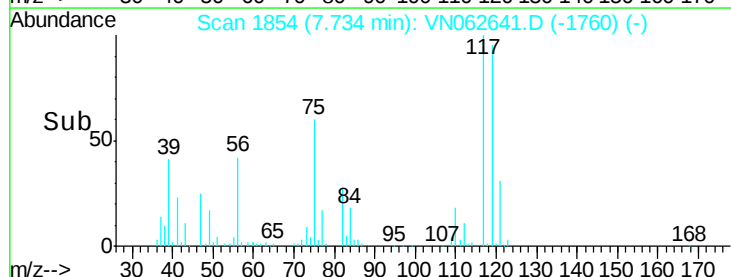
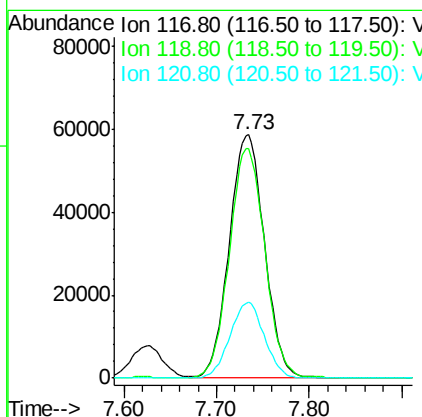
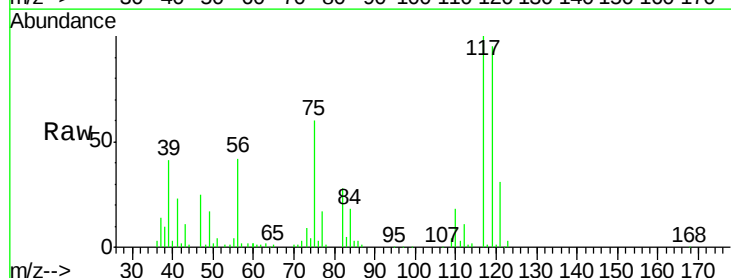
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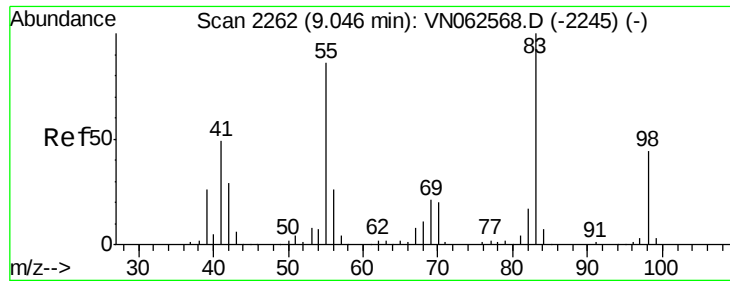
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#38
Carbon Tetrachloride
 Concen: 51.210 ug/l
 RT: 7.73 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.8	112.2
121	31.4	23.0	34.6





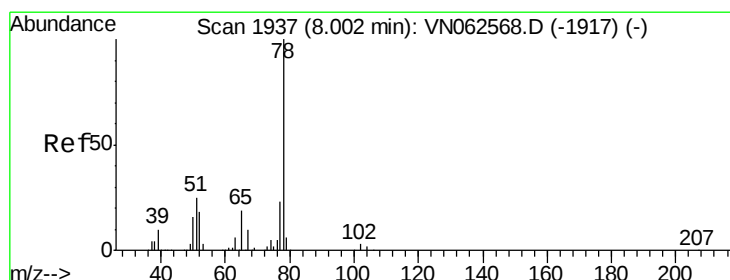
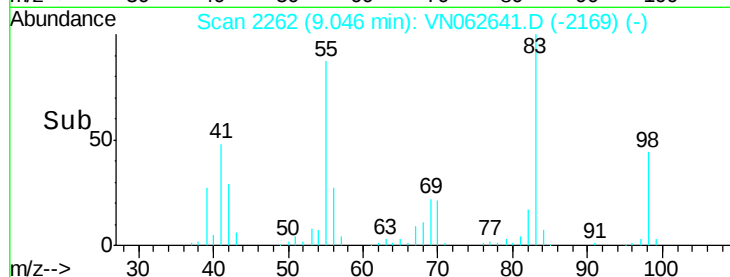
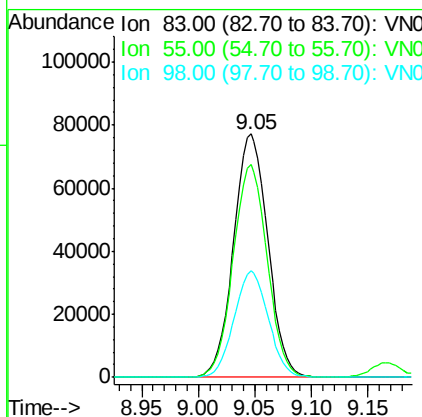
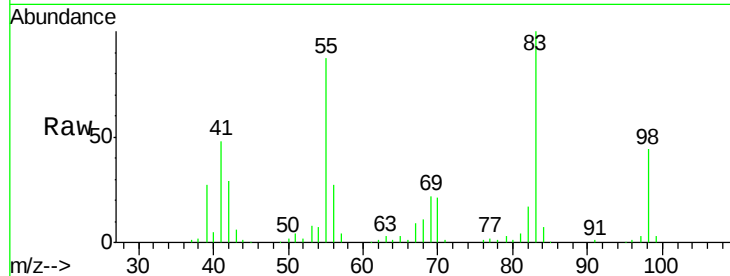
#39
Methylcyclohexane
Concen: 48.262 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	163318		
55	87.2	68.9	103.3	
98	43.7	35.1	52.7	

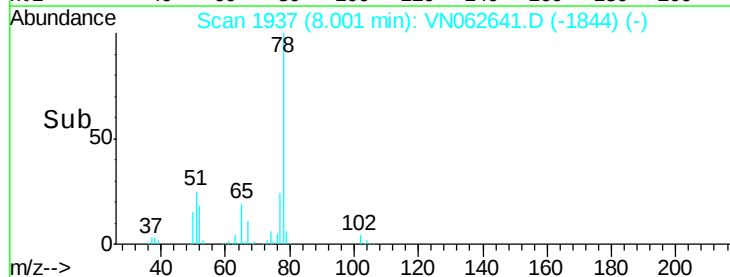
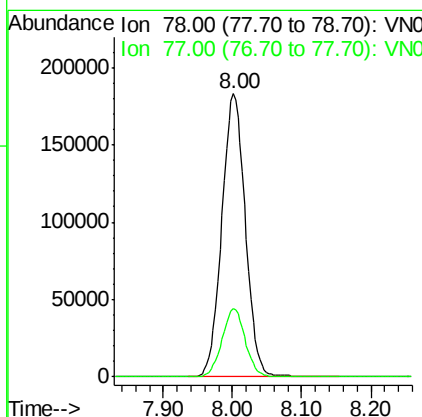
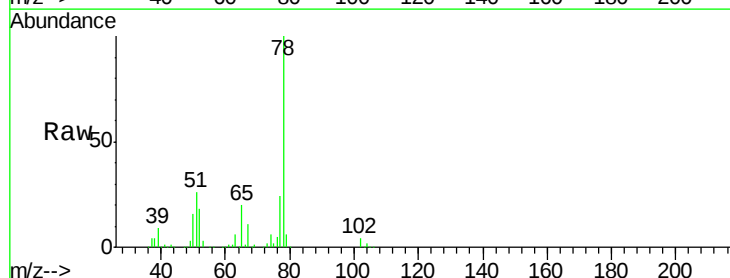
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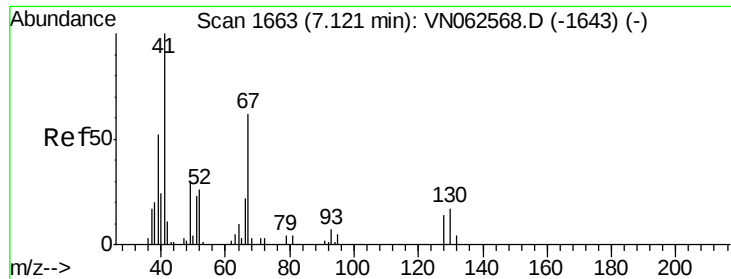
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#40
Benzene
Concen: 45.513 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	433160		
77	24.1	18.7	28.1	





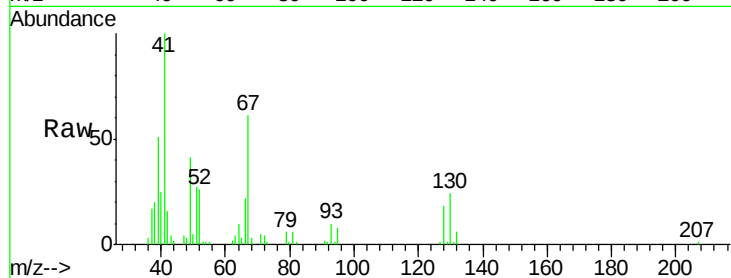
#41
Methacrylonitrile
Concen: 48.281 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

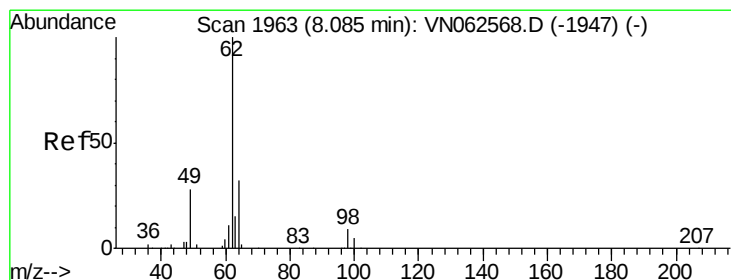
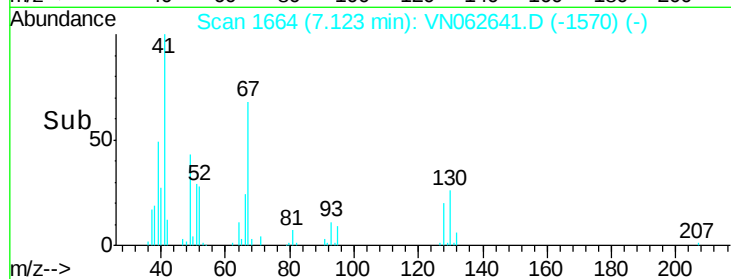
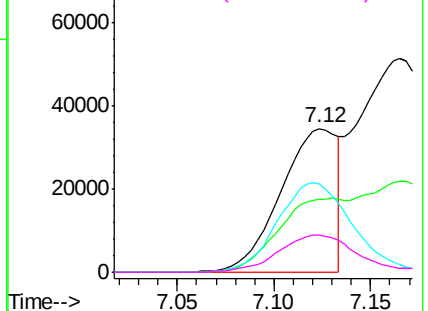
Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.0	55.8	83.6
67	83.4	72.5	108.7
52	36.8	31.8	47.8

Manual Integrations
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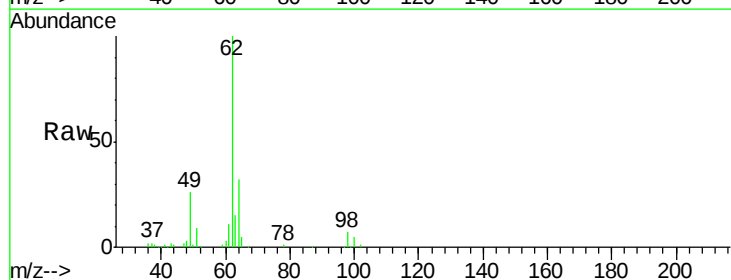


Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-1643) (-)
Ion 39.00 (38.70 to 39.70): VN062568.D (-1643) (-)
Ion 67.00 (66.70 to 67.70): VN062568.D (-1643) (-)
Ion 52.00 (51.70 to 52.70): VN062568.D (-1643) (-)

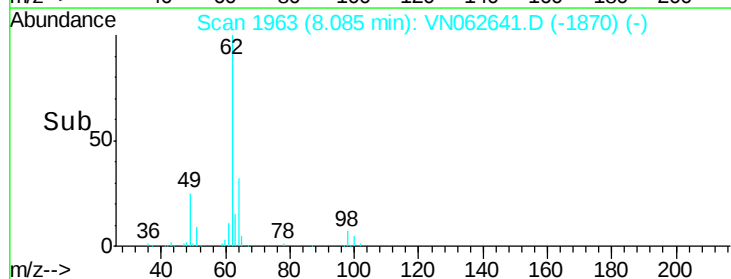
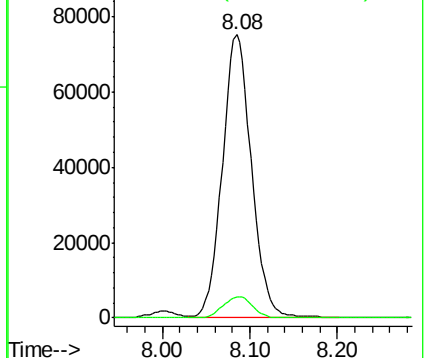


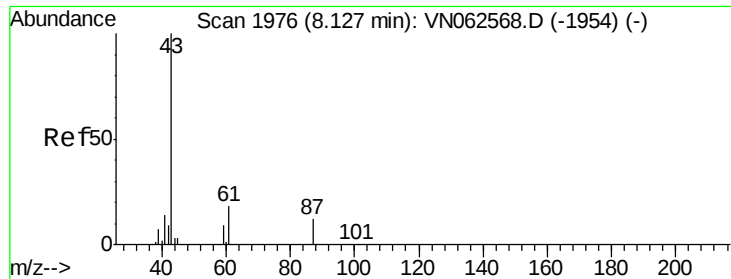
#42
1,2-Dichloroethane
Concen: 50.063 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN062568.D (-1947) (-)
Ion 97.90 (97.60 to 98.60): VN062568.D (-1947) (-)





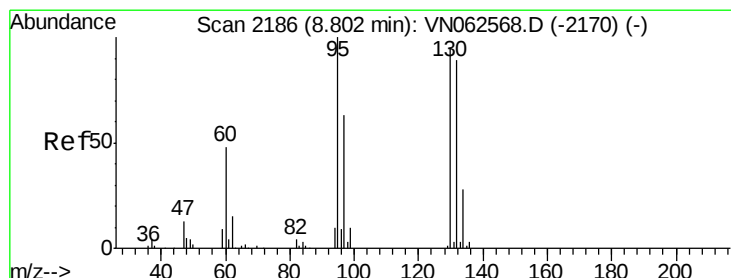
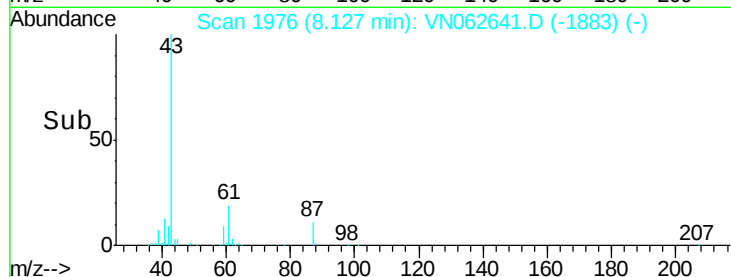
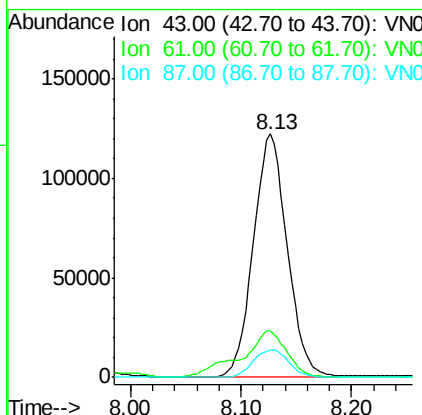
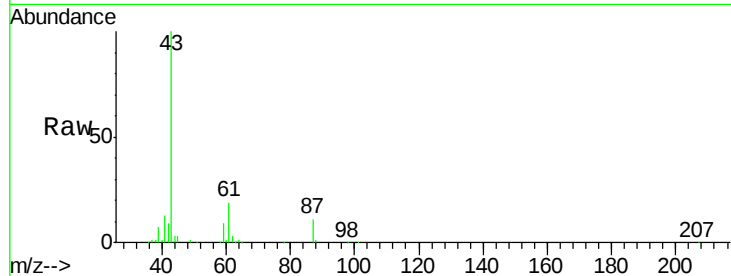
#43
Isopropyl Acetate
Concen: 47.494 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.1	20.8	31.2
87	12.0	9.2	13.8

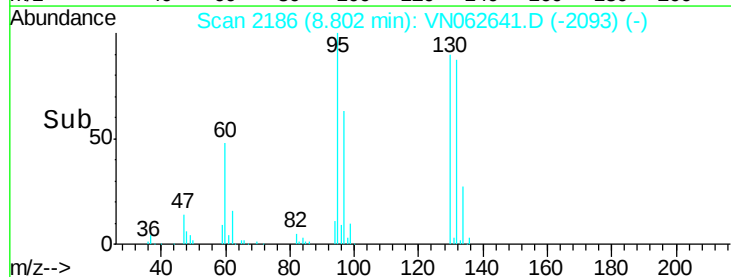
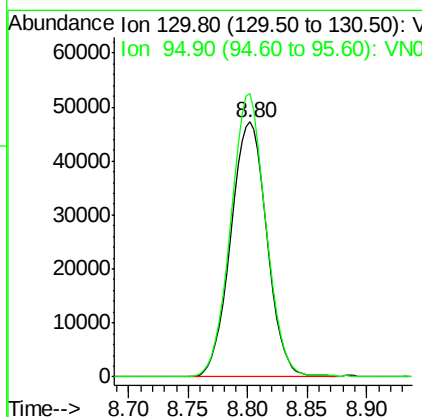
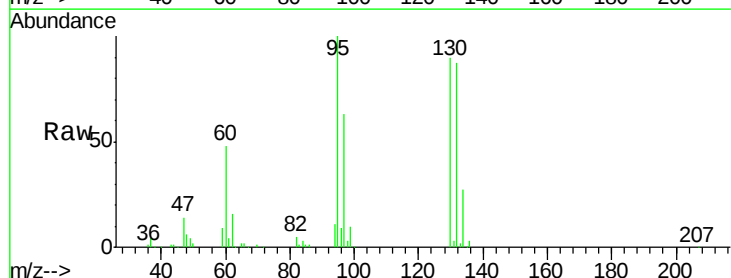
Manual Integrations
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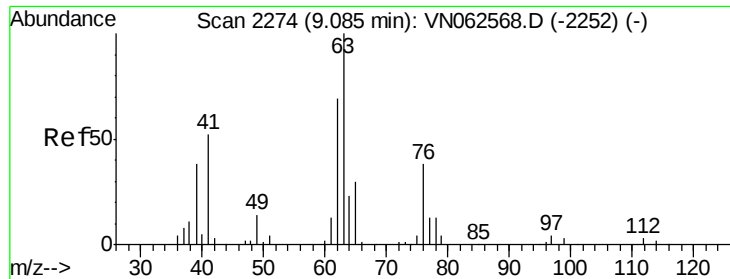
MMDadoda
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#44
Trichloroethene
Concen: 46.357 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	111.1	0.0	210.4





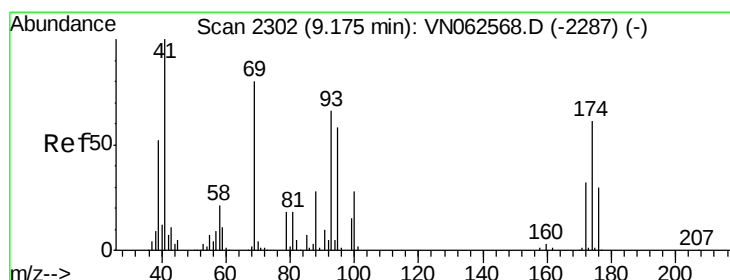
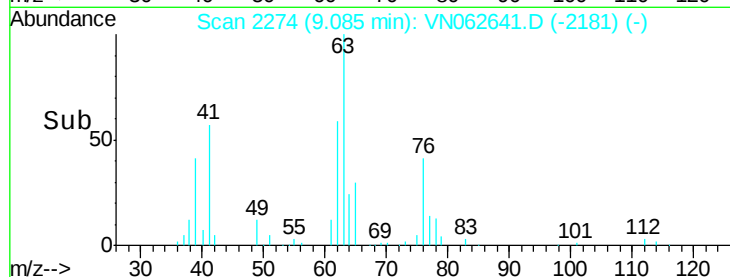
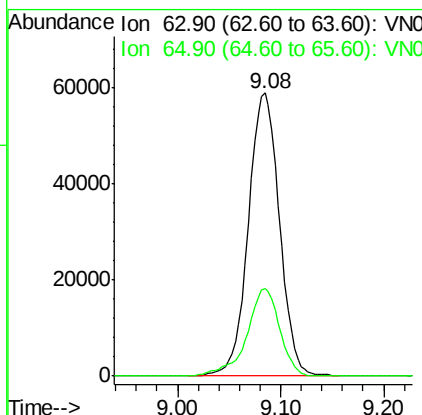
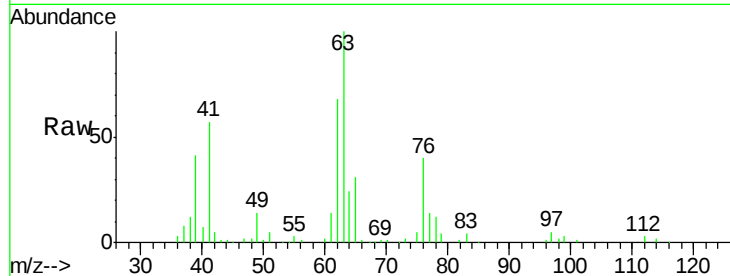
#45
 1,2-Dichloropropane
 Concen: 46.147 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 123312
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.4 36.6

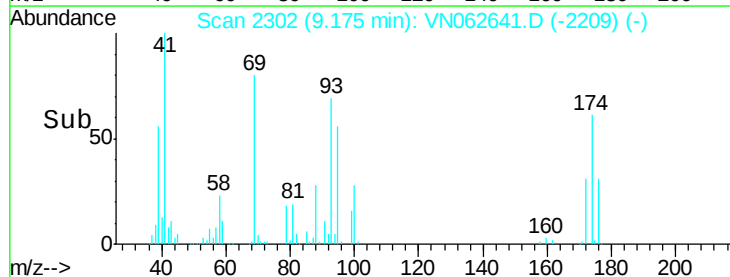
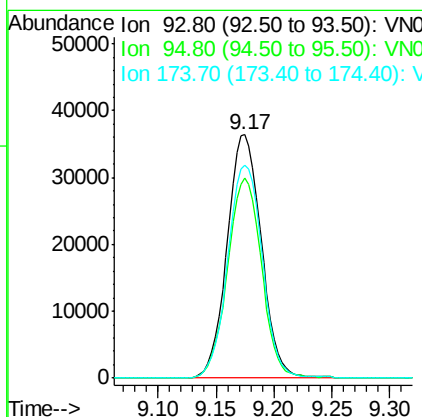
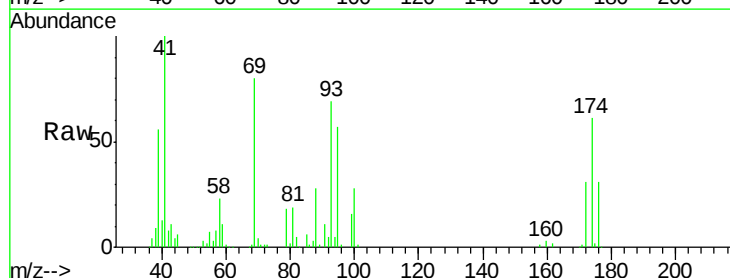
Manual Integrations
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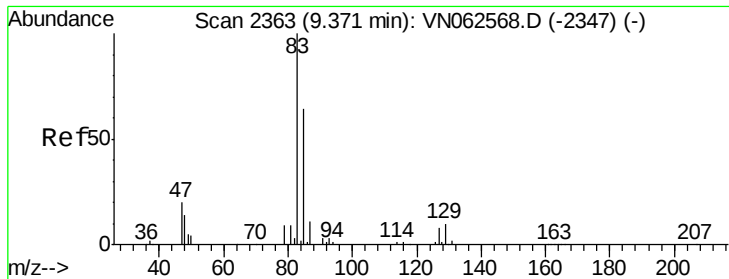
MMDadoda
 7/29/2020 7:06:29 PM



#46
 Dibromomethane
 Concen: 48.241 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 93 Resp: 74505
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.6 101.4
 174 88.6 72.5 108.7





#47

Bromodichloromethane

Concen: 47.975 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

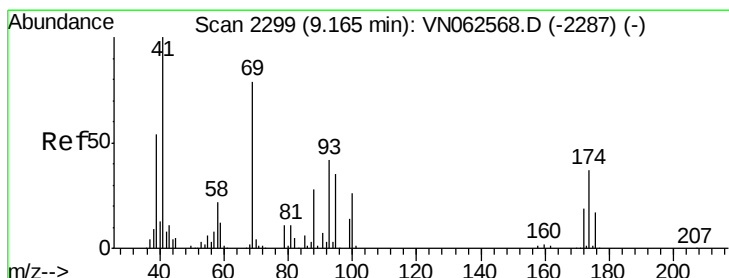
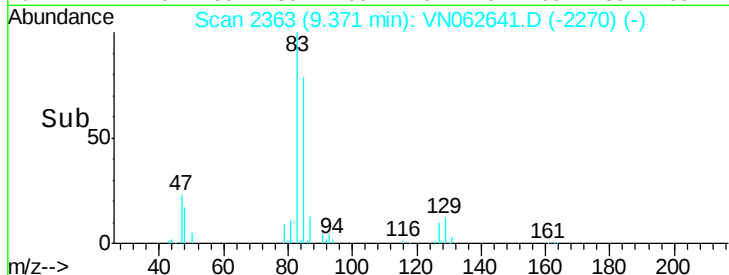
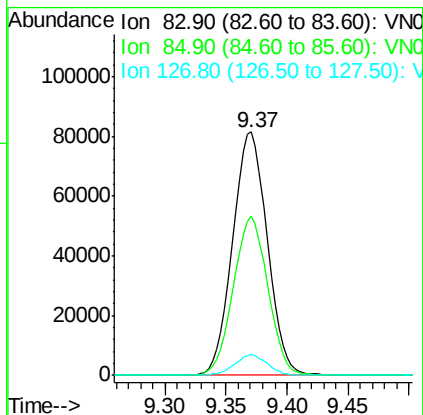
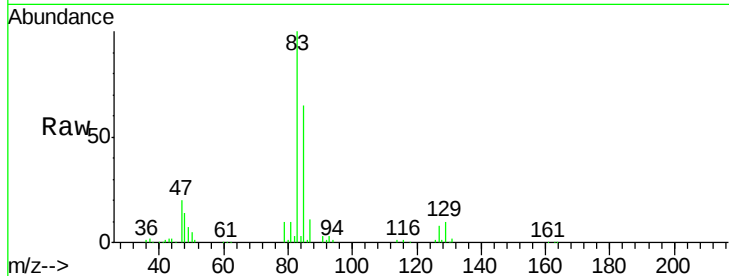
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	160524
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.6	77.4
127	8.4	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.085 ug/l

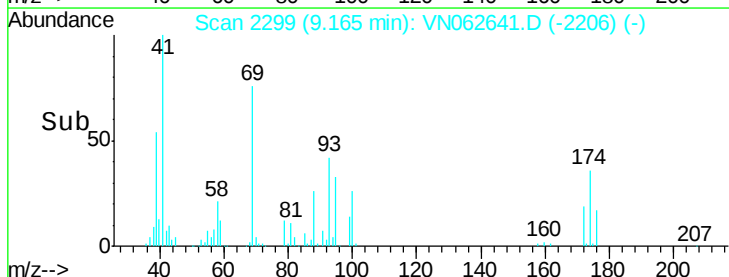
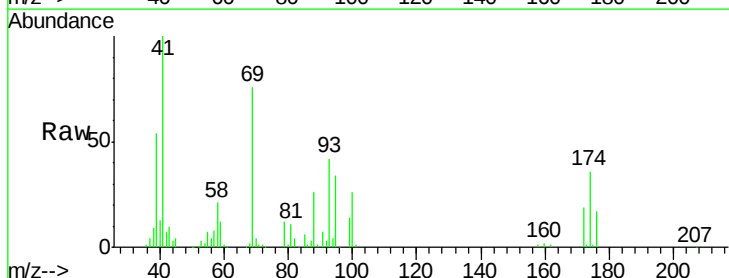
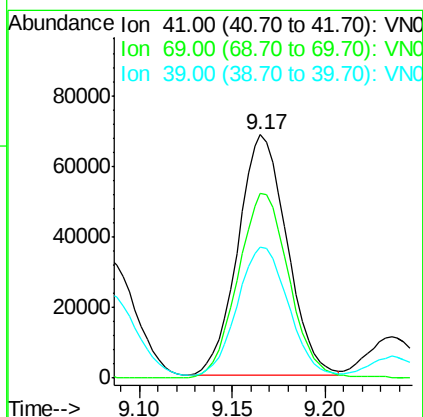
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion:	41	Resp:	124867
Ion	Ratio	Lower	Upper
41	100		
69	80.4	64.4	96.6
39	57.1	43.5	65.3





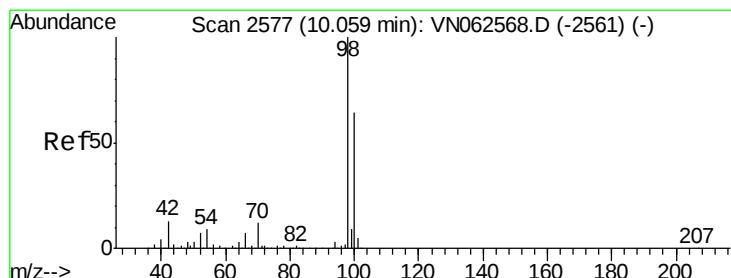
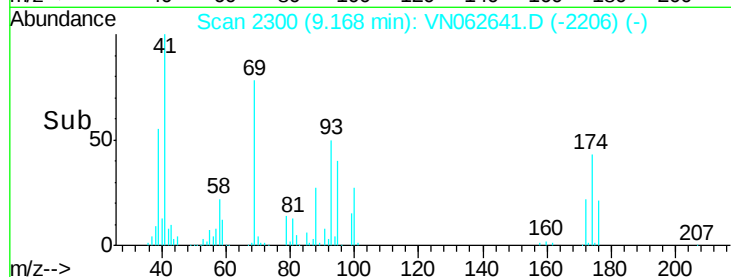
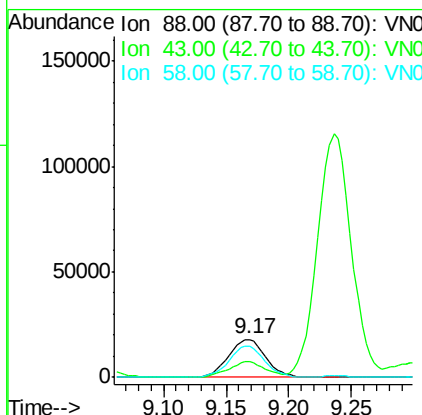
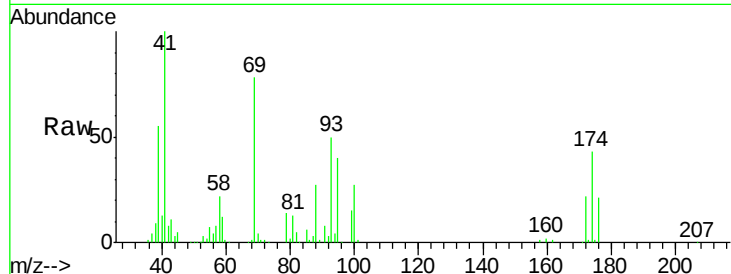
#49
 1,4-Dioxane
 Concen: 924.679 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	36880		
43	38.2	32.0	48.0	
58	78.9	62.8	94.2	

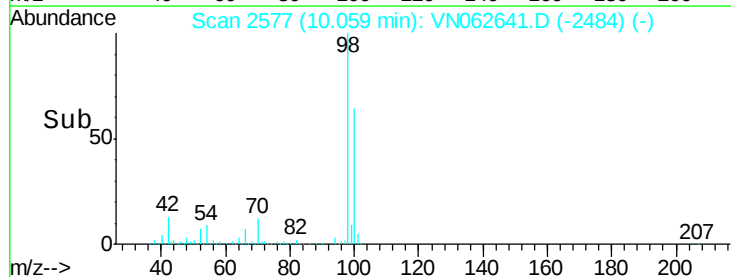
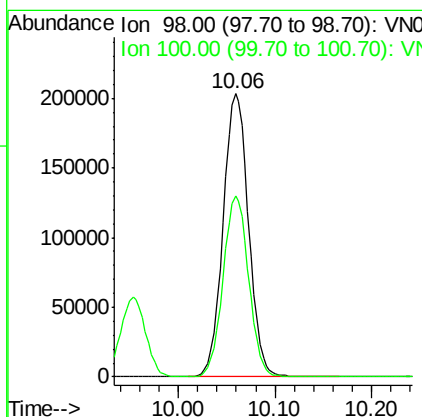
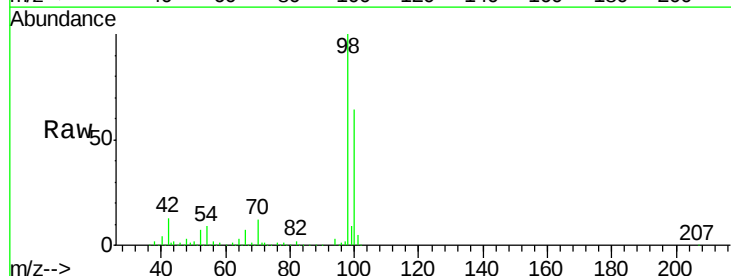
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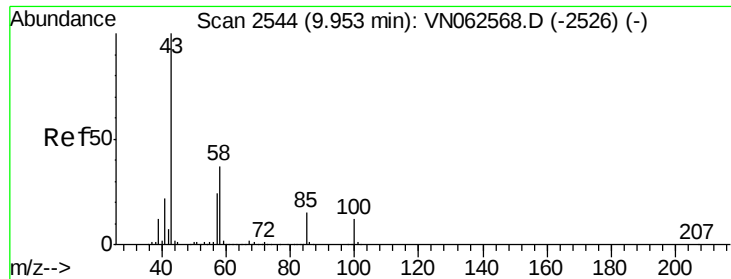
MMDadoda
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#50
 Toluene-d8
 Concen: 47.996 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	370985		
100	64.1	50.9	76.3	





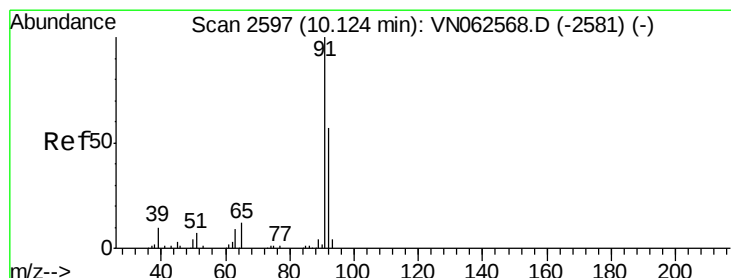
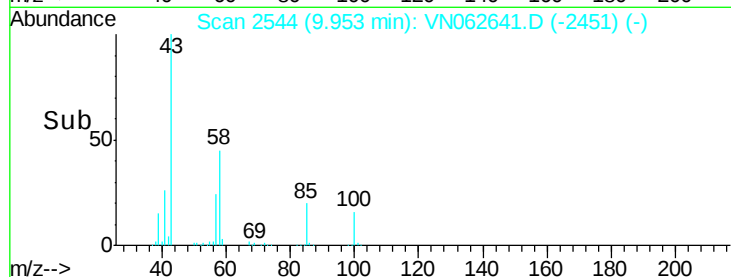
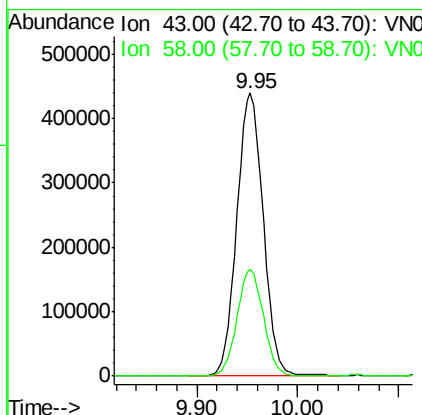
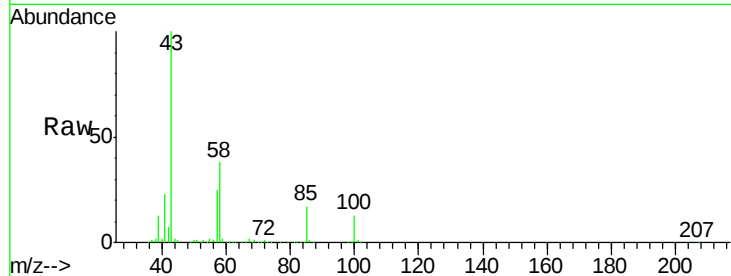
#51
 4-Methyl-2-Pentanone
 Concen: 243.687 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 796514
 Ion Ratio Lower Upper
 43 100
 58 37.8 29.8 44.6

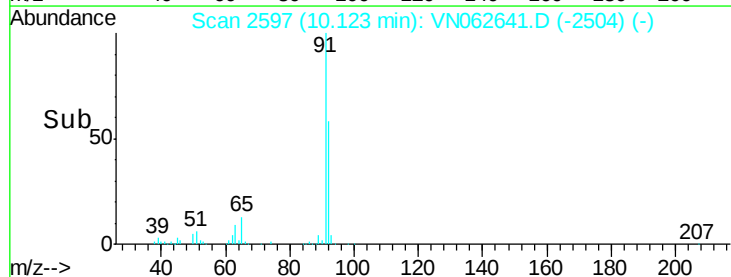
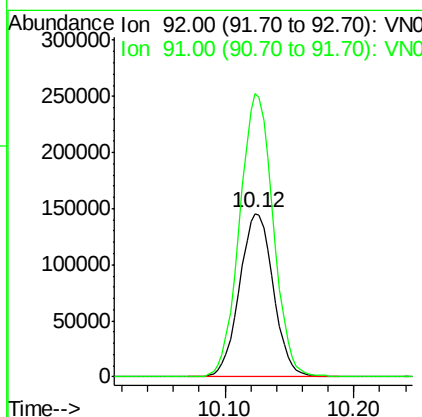
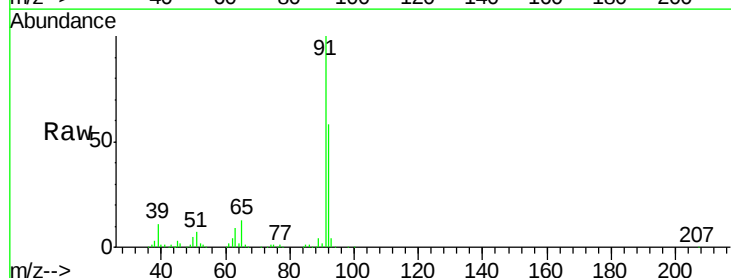
Manual Integrations
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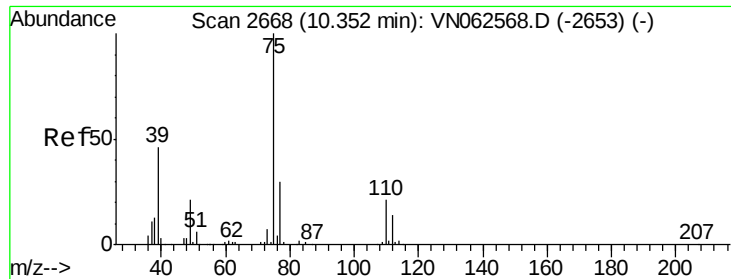
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#52
 Toluene
 Concen: 48.034 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 92 Resp: 265455
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.4 209.2





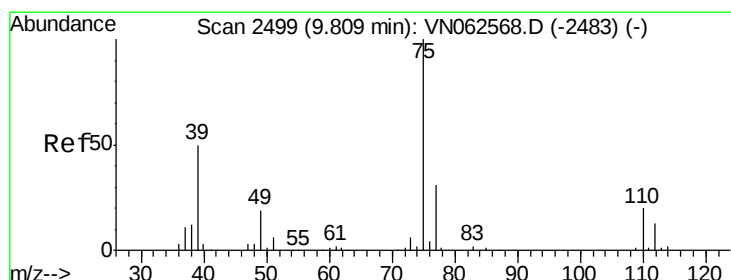
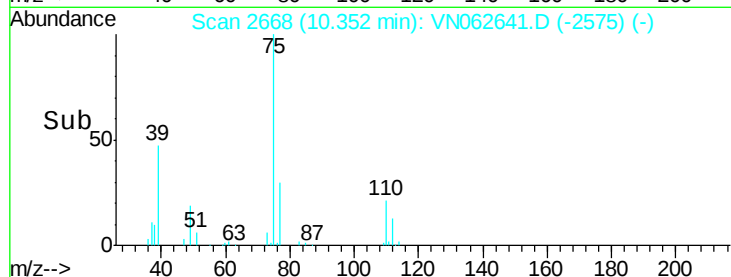
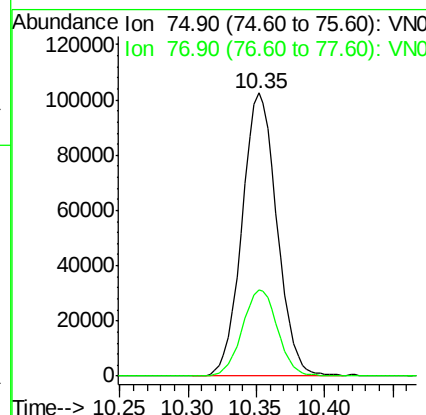
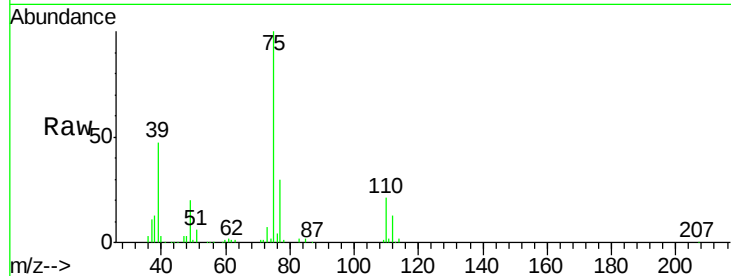
#53
 t-1,3-Dichloropropene
 Concen: 48.863 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 182003
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.3 36.5

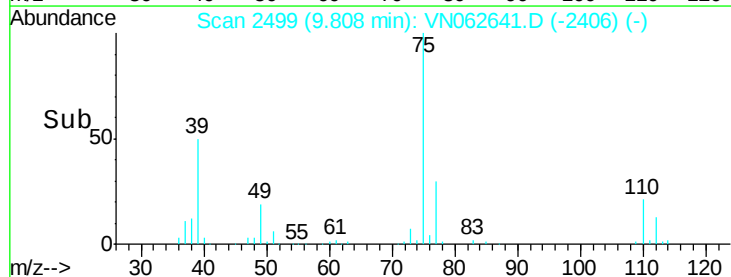
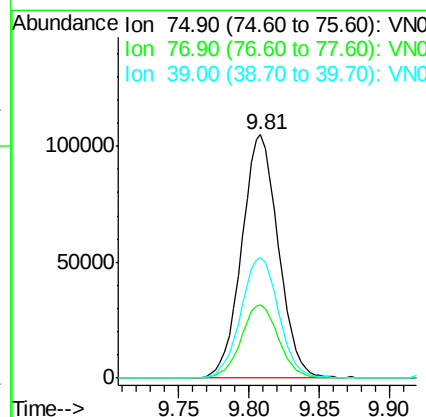
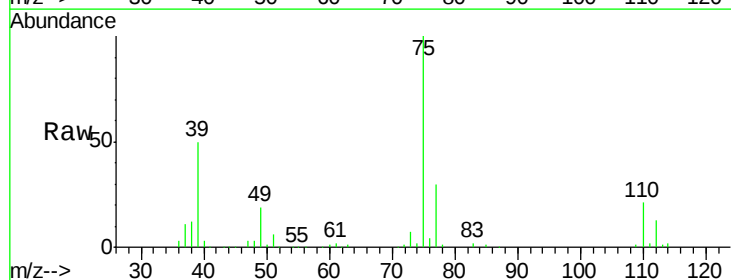
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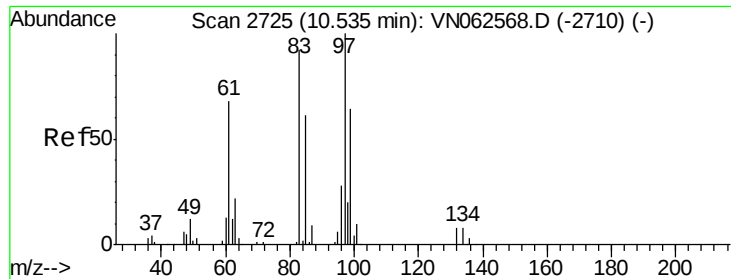
MMDadoda
 7/29/2020 7:06:29 PM



#54
 cis-1,3-Dichloropropene
 Concen: 47.844 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 75 Resp: 191224
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.6
 39 49.8 39.8 59.8





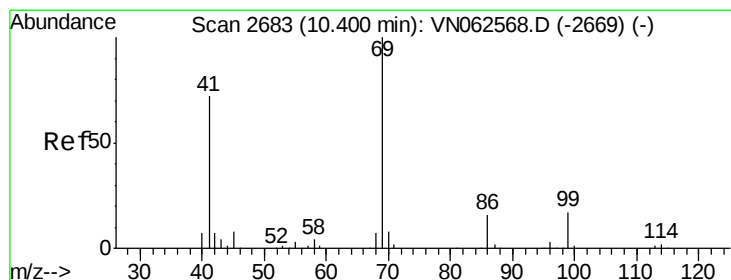
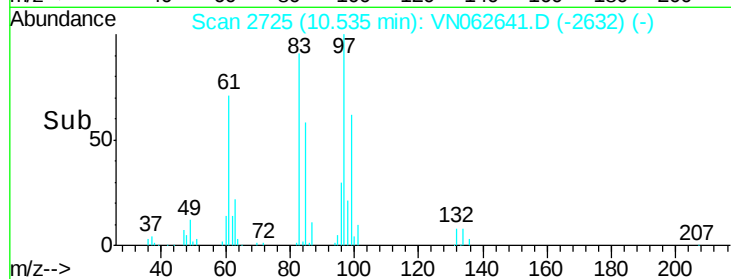
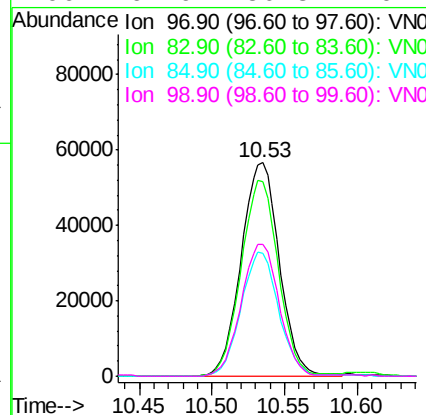
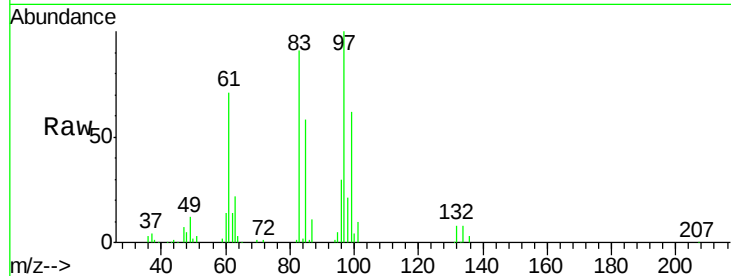
#55
 1,1,2-Trichloroethane
 Concen: 48.487 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	103937
Ion	Ratio	Lower	Upper
97	100		
83	91.2	73.7	110.5
85	57.8	48.5	72.7
99	61.9	50.8	76.2

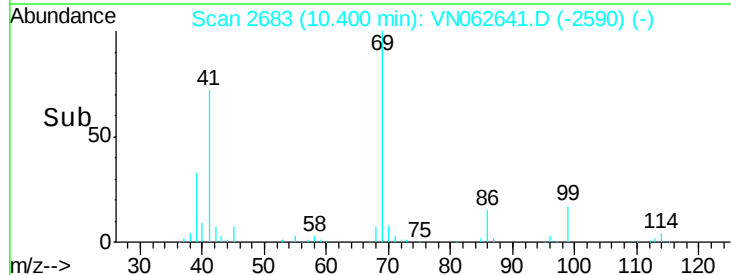
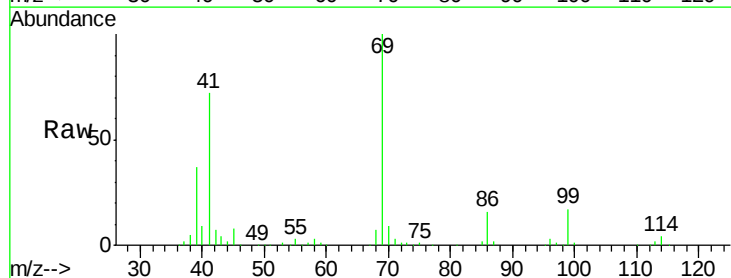
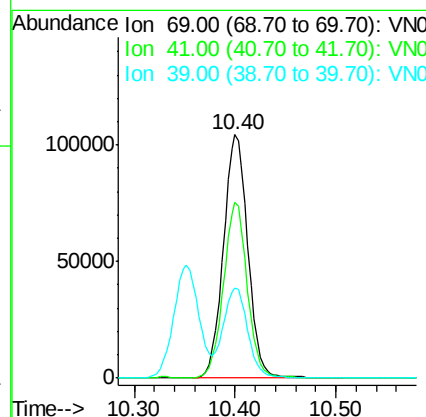
Manual Integrations
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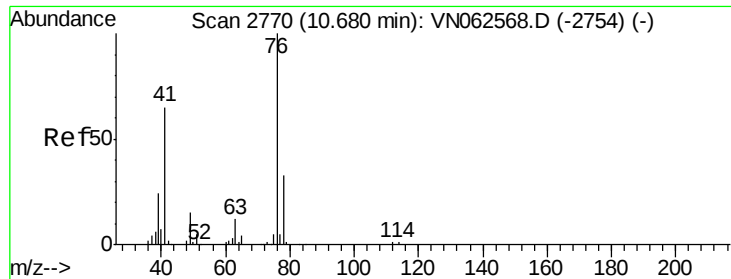
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#56
 Ethyl methacrylate
 Concen: 46.036 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion:	69	Resp:	176636
Ion	Ratio	Lower	Upper
69	100		
41	69.6	57.2	85.8
39	37.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 48.209 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 189324

Ion Ratio Lower Upper

76 100

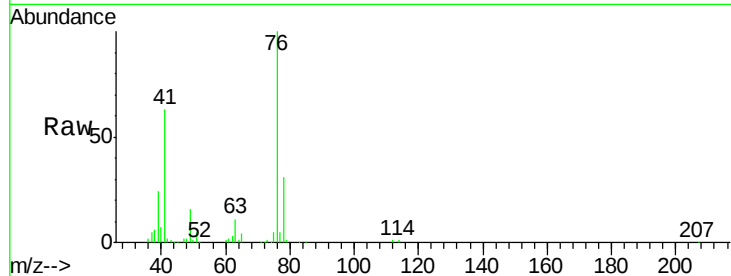
78 31.5 26.3 39.5

Manual Integrations

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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

120000

100000

80000

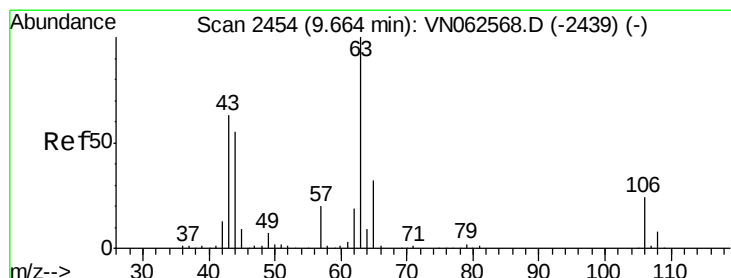
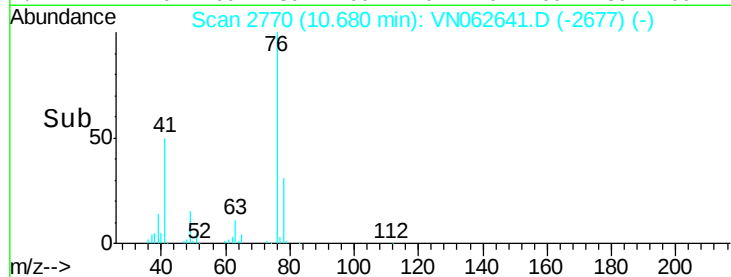
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 235.651 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062641.D

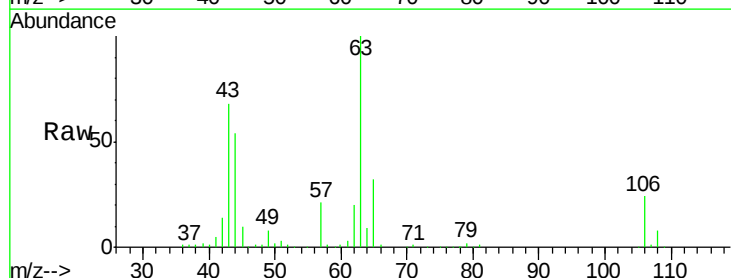
Acq: 28 Jul 2020 19:07

Tgt Ion: 63 Resp: 272163

Ion Ratio Lower Upper

63 100

106 24.5 18.9 28.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

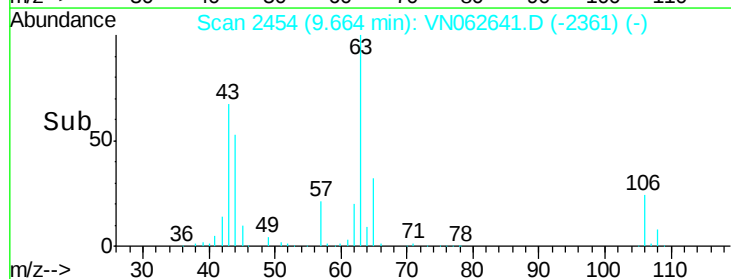
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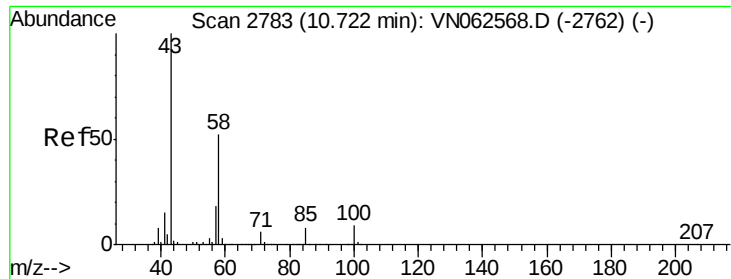
100000

50000

0

Time-->





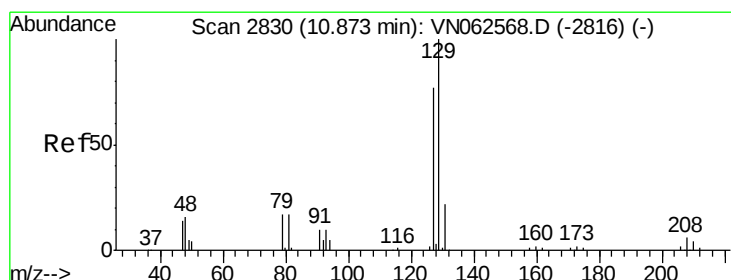
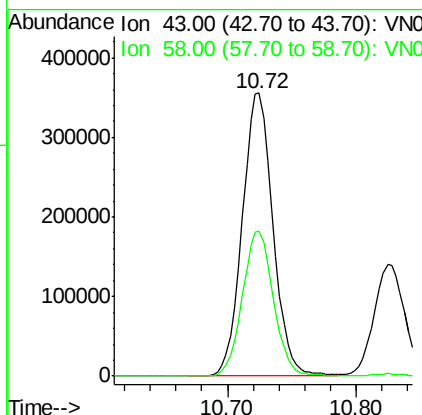
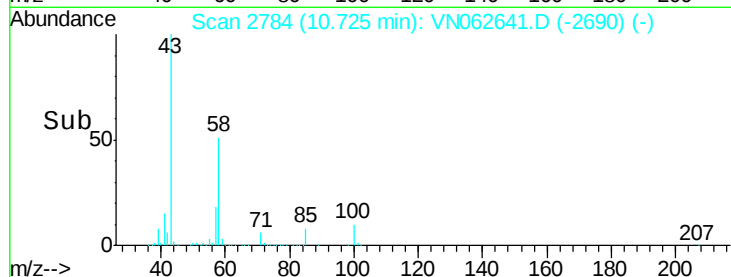
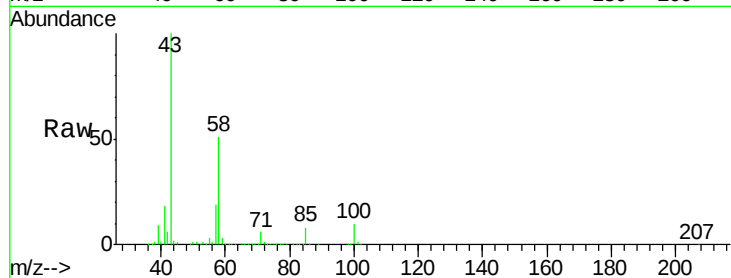
#59
2-Hexanone
Concen: 232.997 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 588463
Ion Ratio Lower Upper
43 100
58 51.9 26.0 78.0

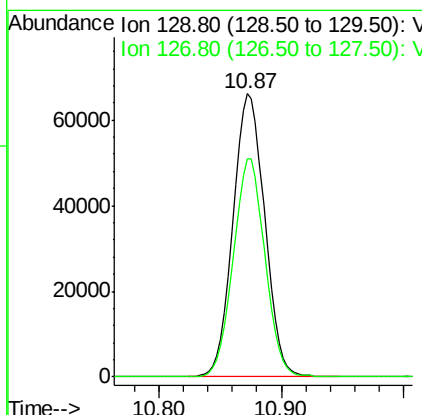
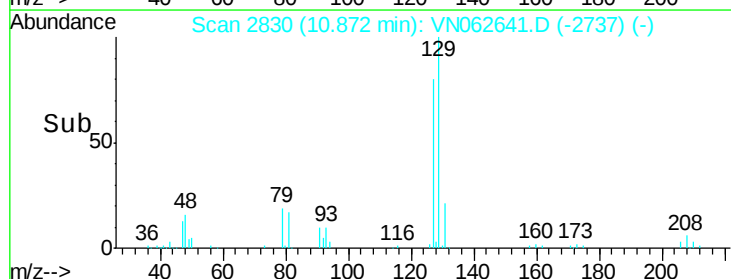
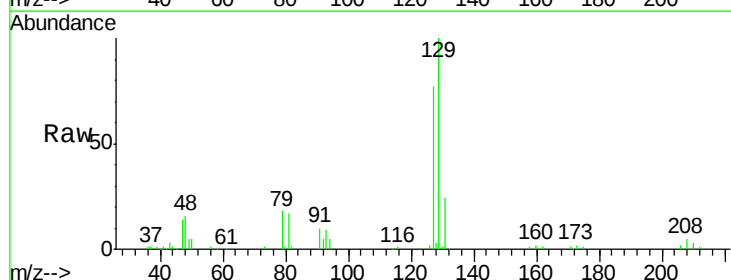
Manual Integrations
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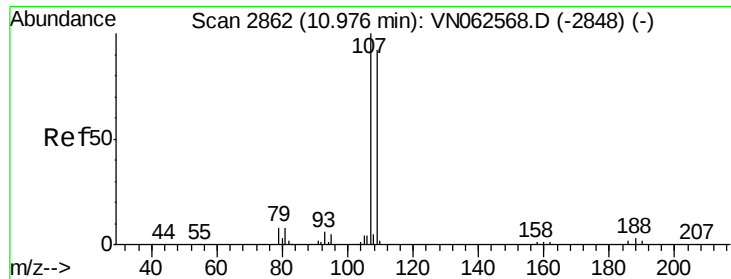
MMDadoda
7/29/2020 7:06:29 PM



#60
Dibromochloromethane
Concen: 49.859 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 129 Resp: 119233
Ion Ratio Lower Upper
129 100
127 76.8 38.0 113.9





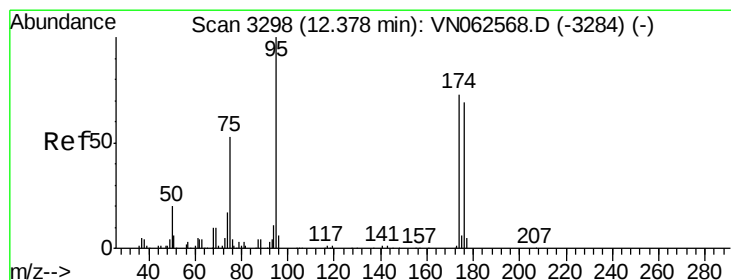
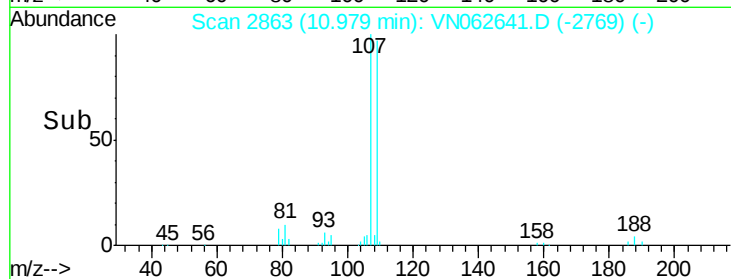
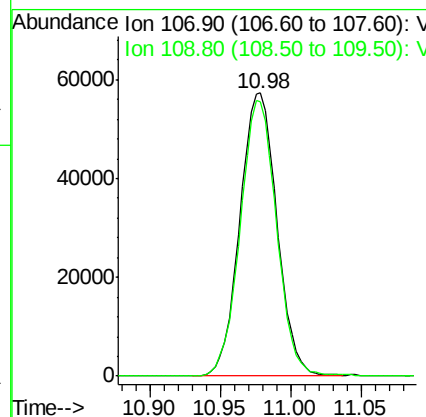
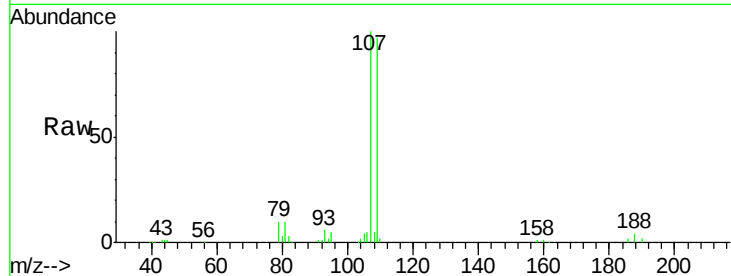
#61
 1,2-Dibromoethane
 Concen: 47.272 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 105518
 Ion Ratio Lower Upper
 107 100
 109 95.3 73.8 110.6

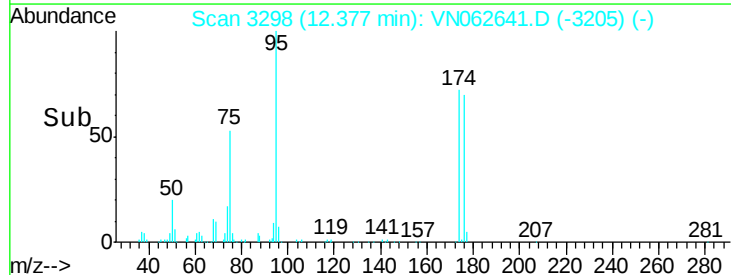
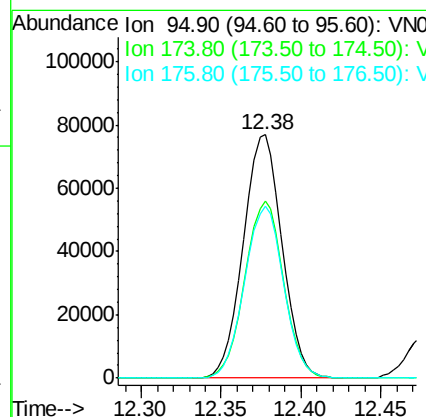
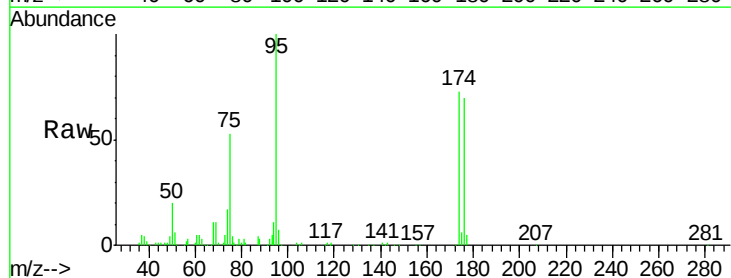
Manual Integrations
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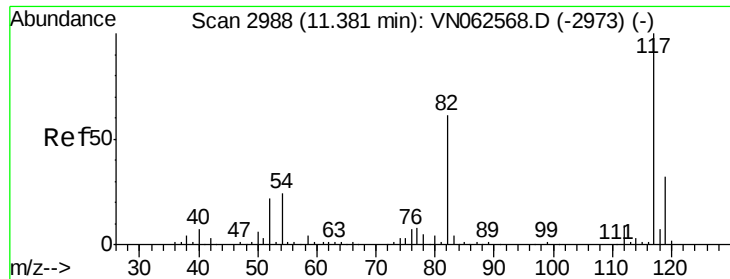
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#62
 4-Bromofluorobenzene
 Concen: 45.043 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 95 Resp: 127303
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 144.6
 176 70.9 0.0 139.4





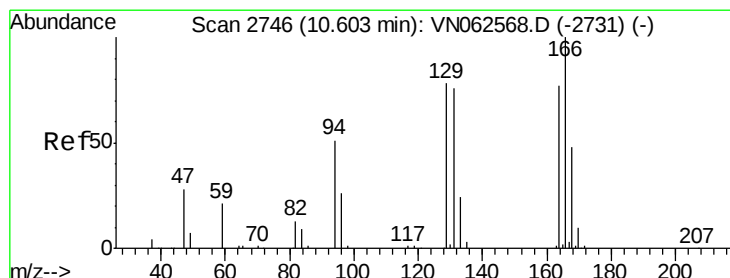
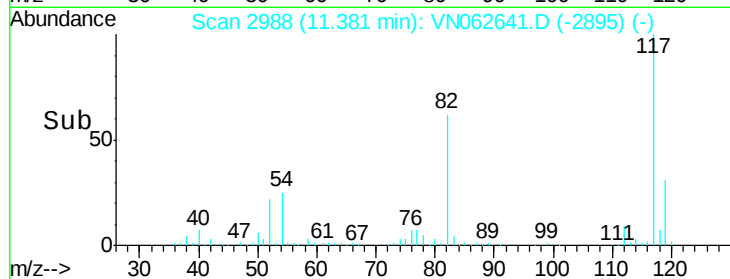
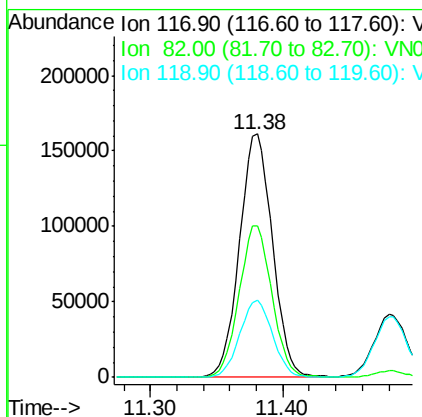
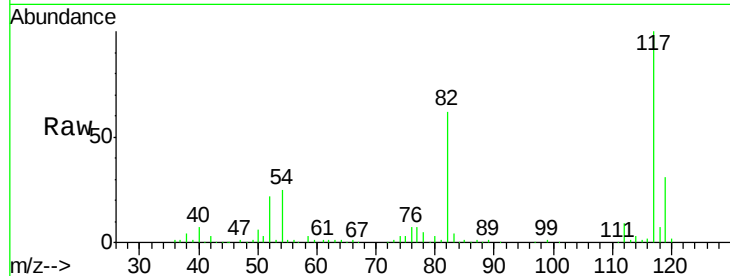
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	278982		
82	62.5	49.0	73.6	
119	31.5	25.4	38.2	

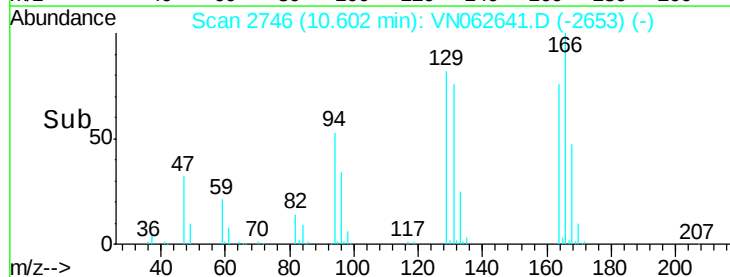
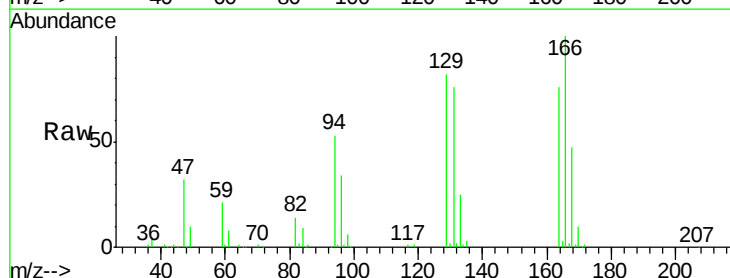
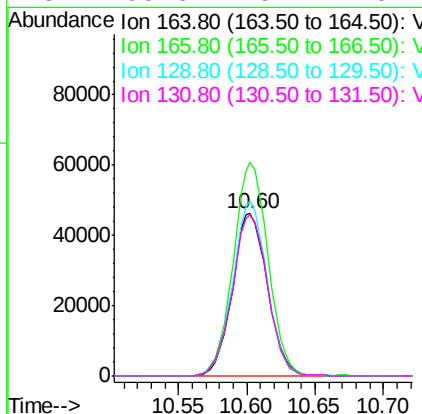
Manual Integrations
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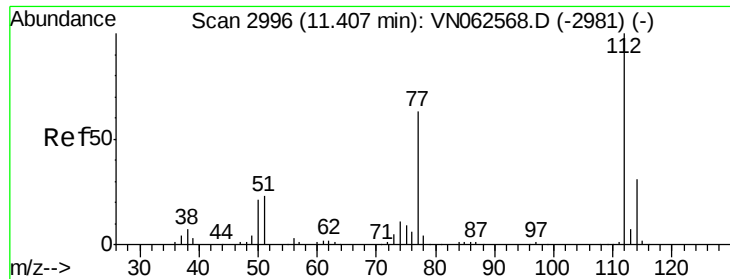
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#64
Tetrachloroethene
Concen: 45.562 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	82586		
166	131.8	104.4	156.6	
129	108.0	81.0	121.4	
131	99.6	79.4	119.2	





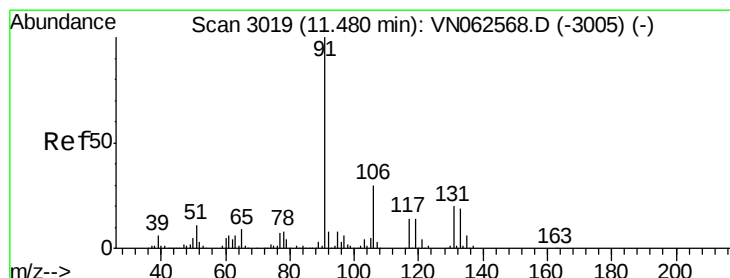
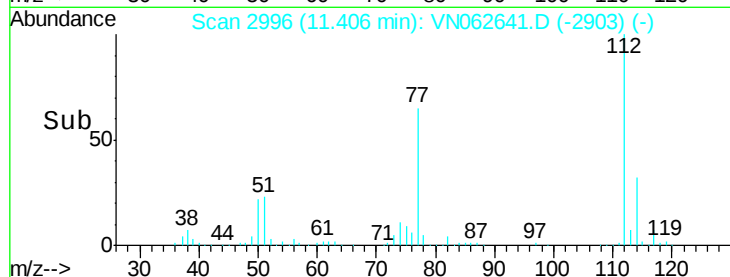
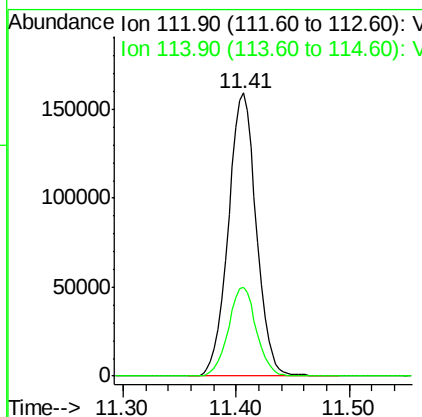
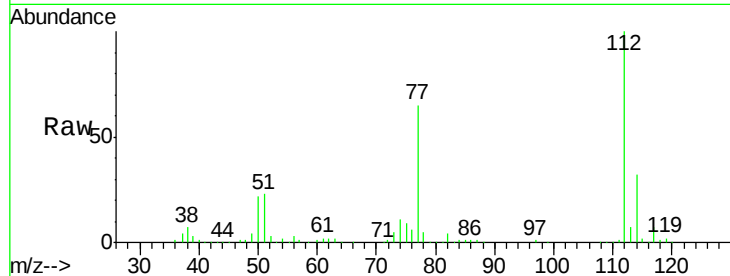
#65
Chlorobenzene
Concen: 46.746 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 273402
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

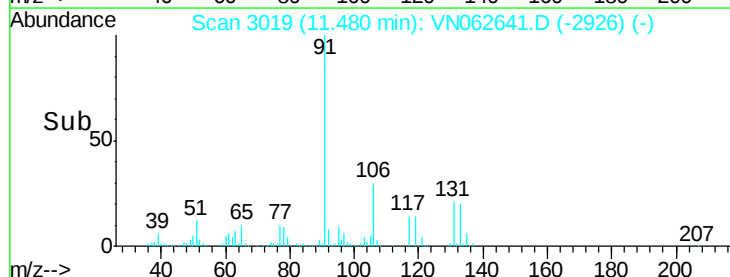
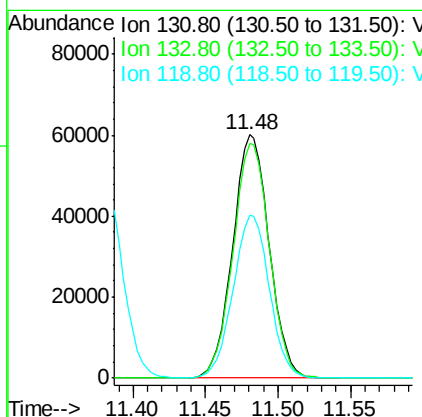
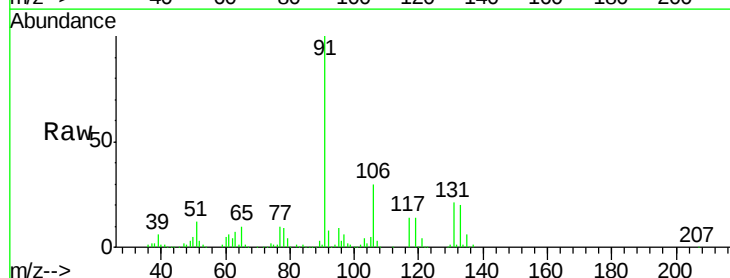
Manual Integrations
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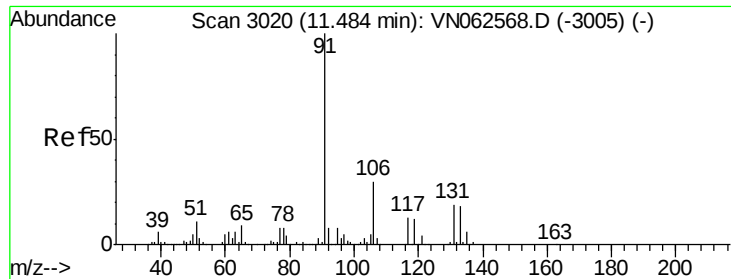
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.569 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion:131 Resp: 104664
Ion Ratio Lower Upper
131 100
133 96.4 47.3 142.0
119 66.8 33.7 101.0





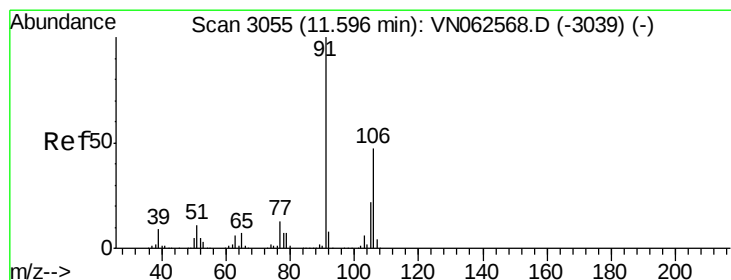
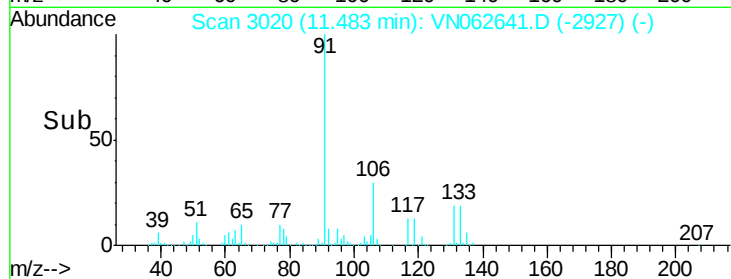
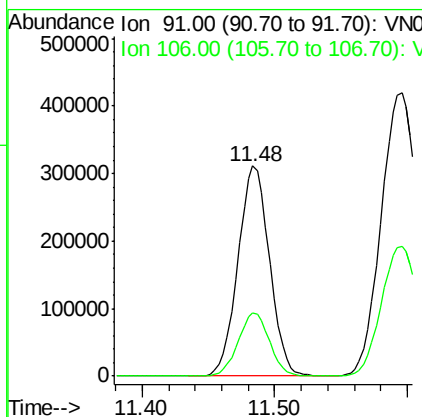
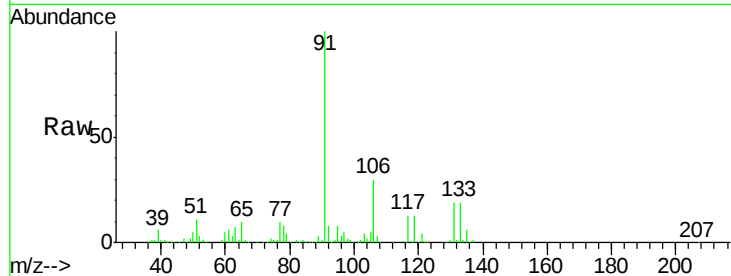
#67
Ethyl Benzene
Concen: 47.999 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 514721
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8

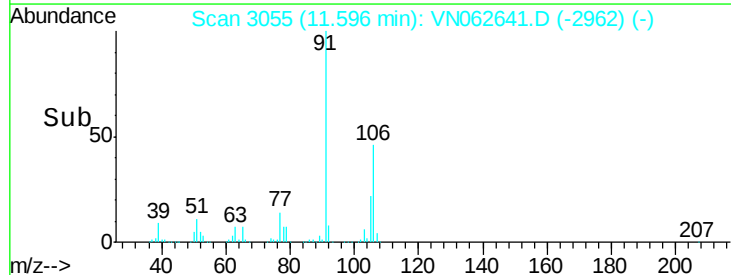
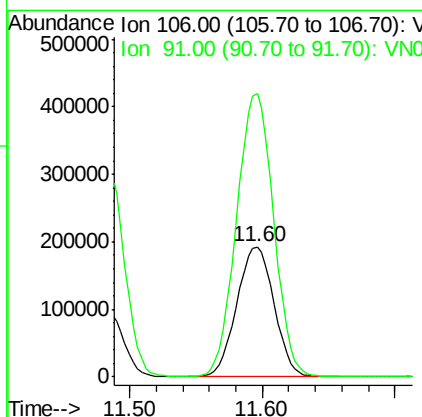
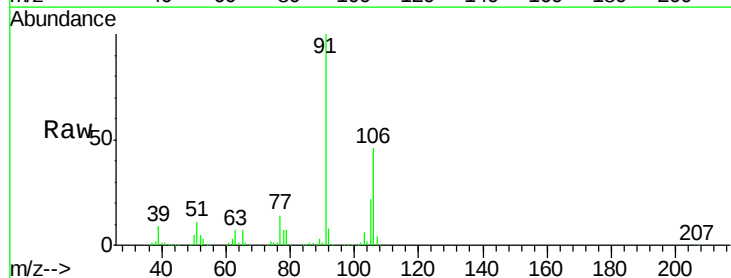
Manual Integrations
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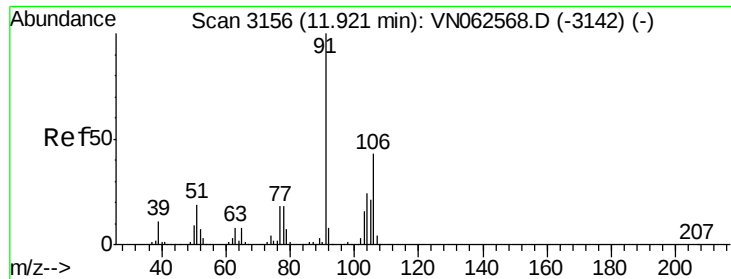
MMDadoda
7/29/2020 7:06:29 PM



#68
m/p-Xylenes
Concen: 97.390 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 106 Resp: 375379
Ion Ratio Lower Upper
106 100
91 217.4 171.4 257.2





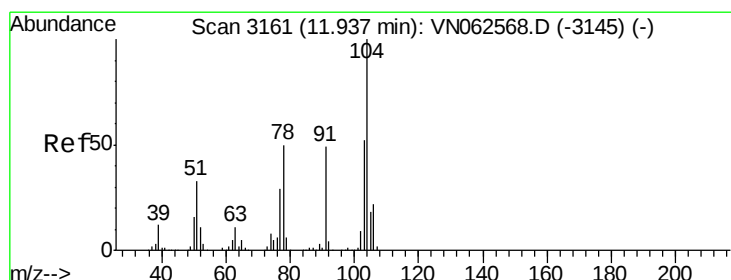
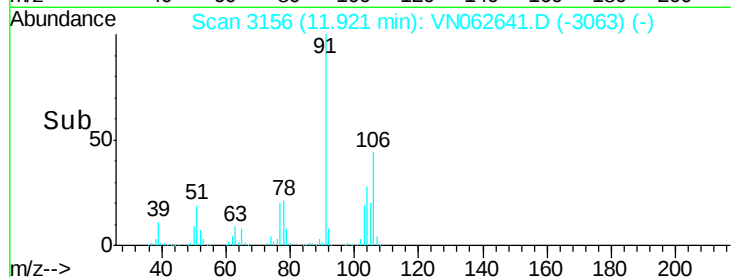
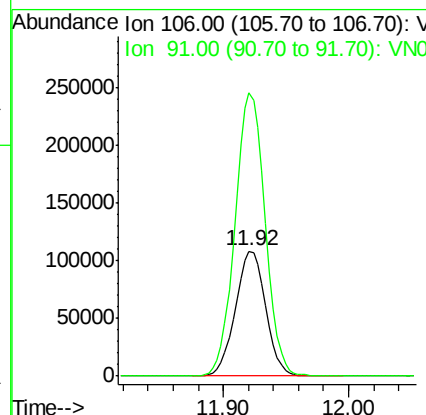
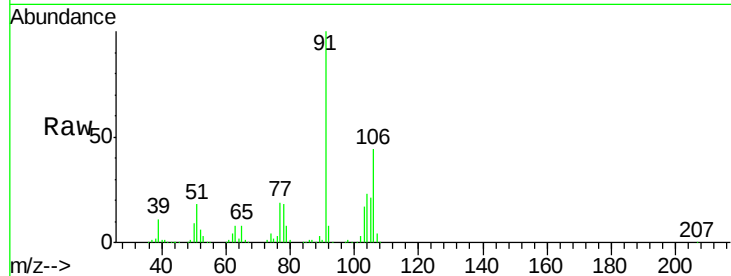
#69
o-Xylene
Concen: 49.514 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	181225		
91	225.8	113.8	341.2	

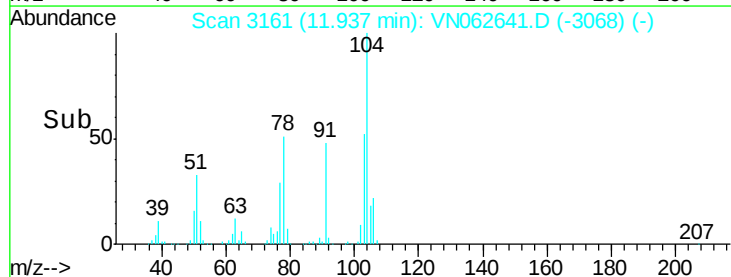
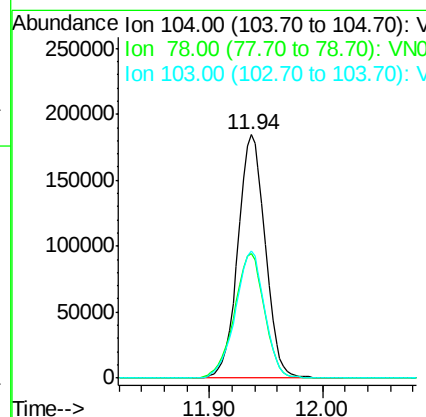
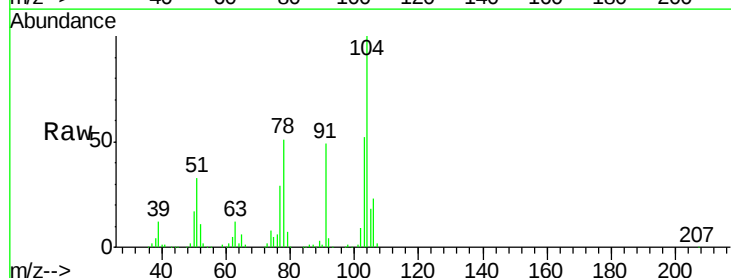
Manual Integrations
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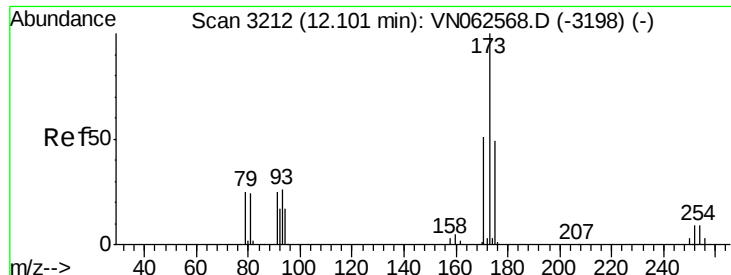
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#70
Styrene
Concen: 50.198 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	310367		
78	56.6	43.8	65.6	
103	55.8	44.0	66.0	





#71

Bromoform

Concen: 49.770 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

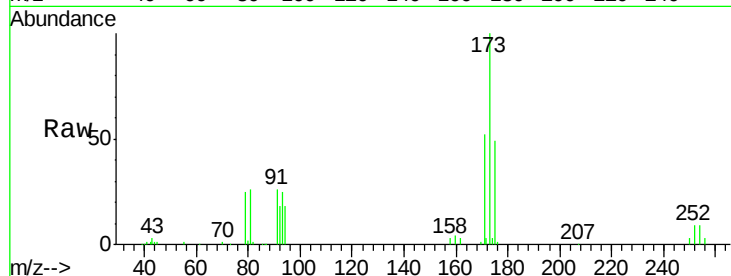
ClientSampleId :

VSTDCCC050EC

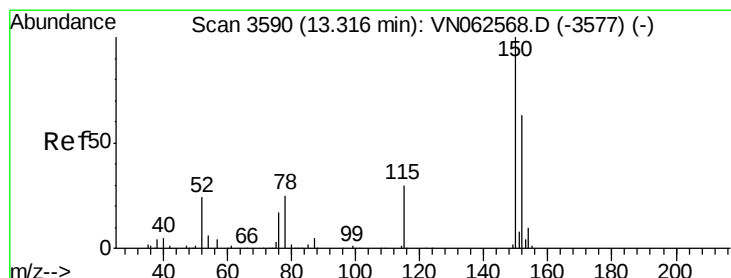
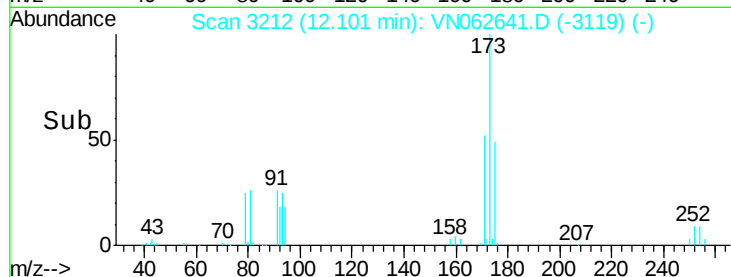
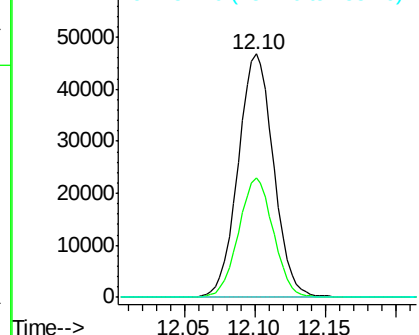
Tgt Ion:	173	Resp:	82221
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.2
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

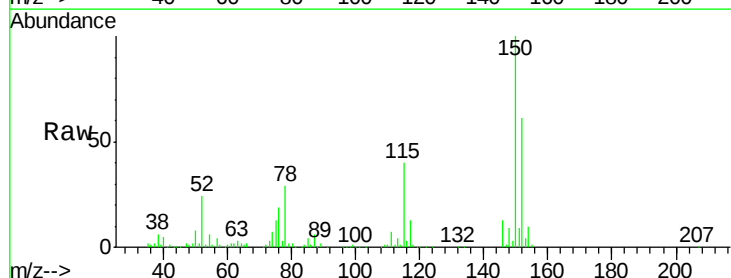
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

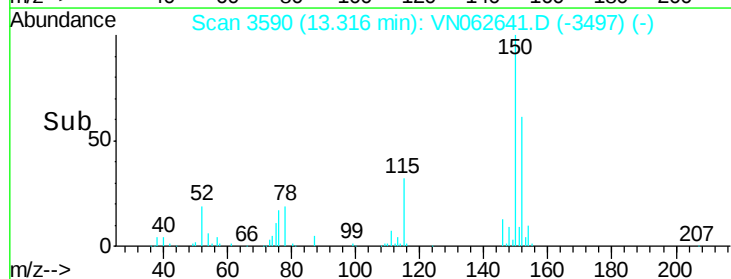
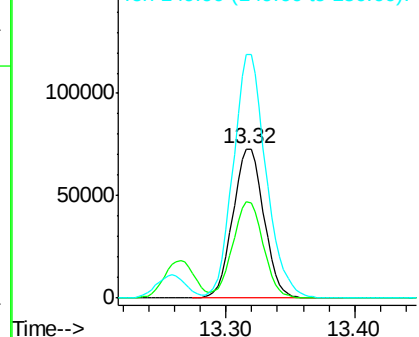
Lab File: VN062641.D

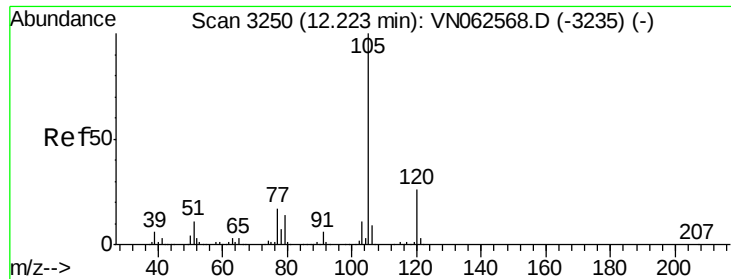
Acq: 28 Jul 2020 19:07

Tgt Ion:	152	Resp:	121753
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.8	95.4
150	173.1	0.0	351.4



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: 50.559 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 486743

Ion Ratio Lower Upper

105 100

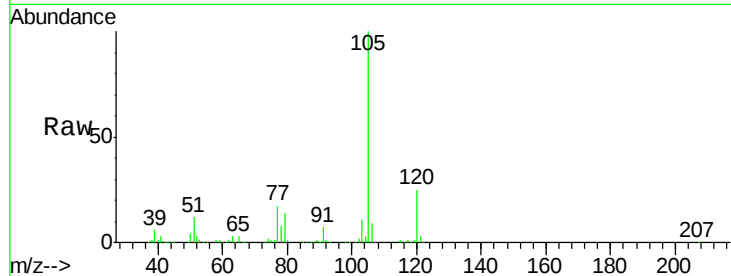
120 25.3 12.8 38.4

Manual Integrations

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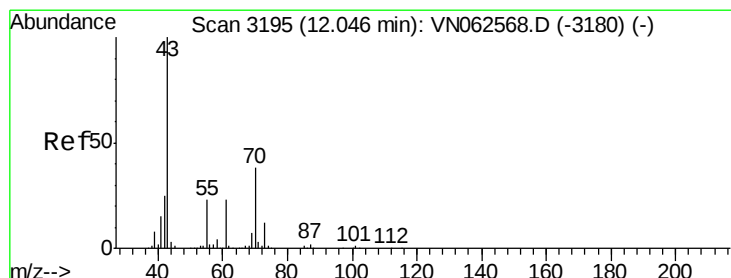
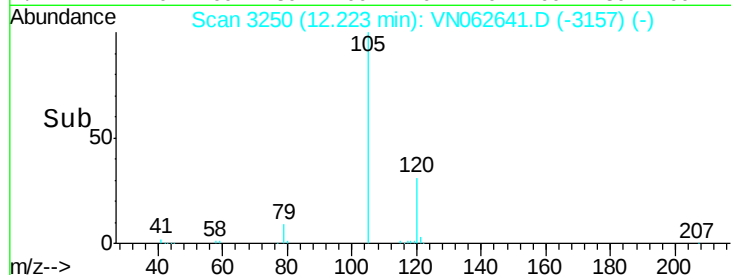
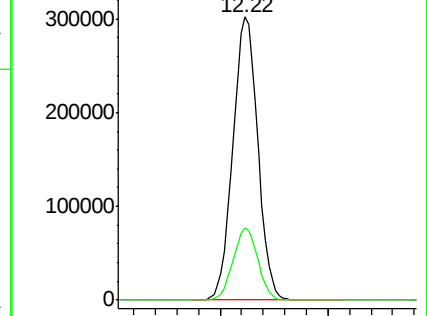
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.577 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion: 43 Resp: 230344

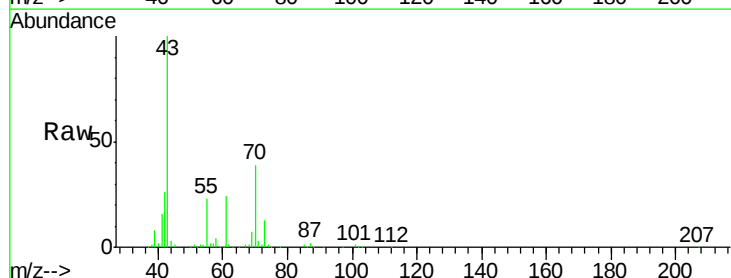
Ion Ratio Lower Upper

43 100

70 39.1 30.5 45.7

55 23.9 19.0 28.6

61 22.9 18.4 27.6

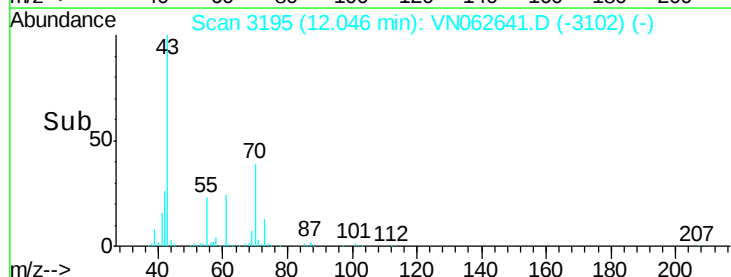
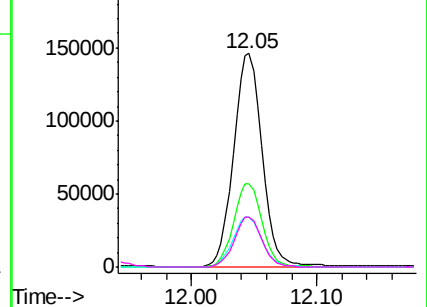


Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 41.984 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

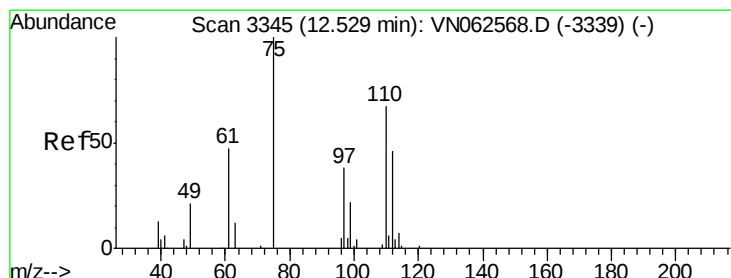
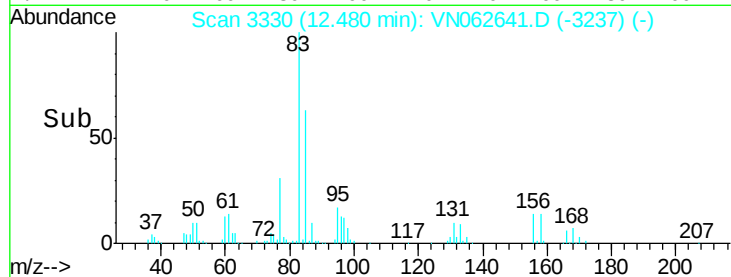
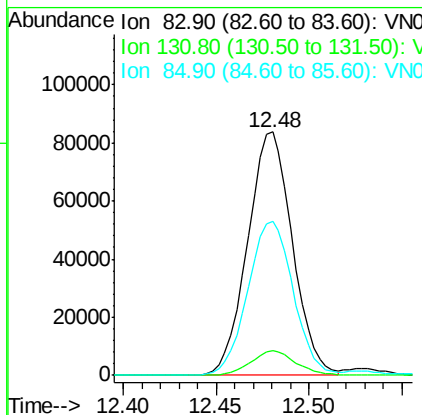
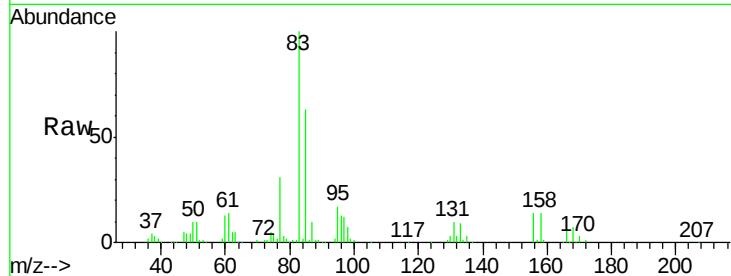
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	140453
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.3
85	64.2	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.269 ug/l m

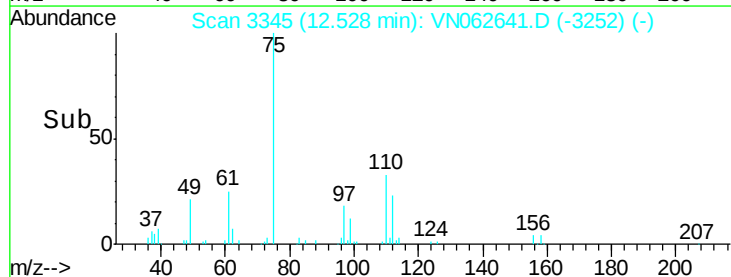
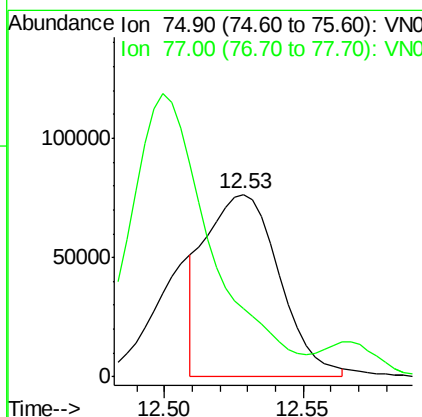
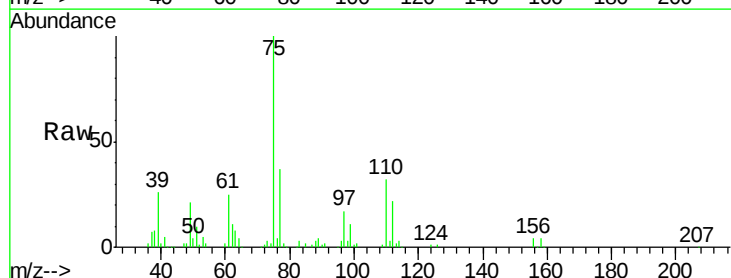
RT: 12.53 min Scan# 3345

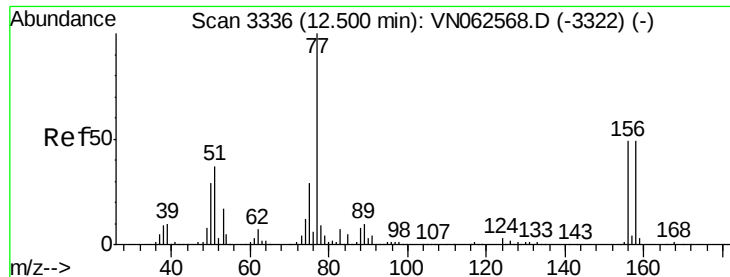
Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion:	75	Resp:	140290
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.093 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

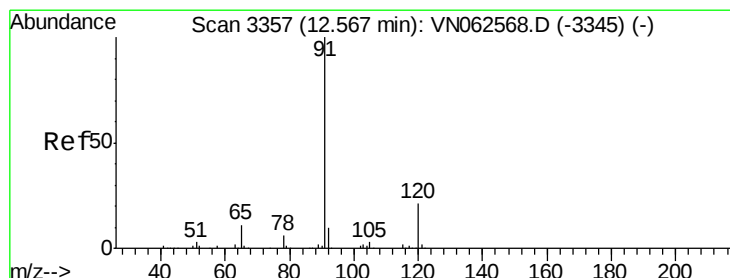
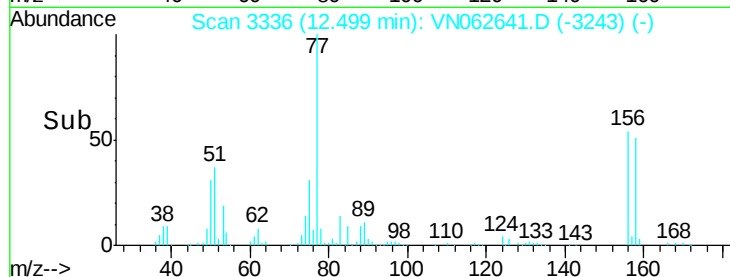
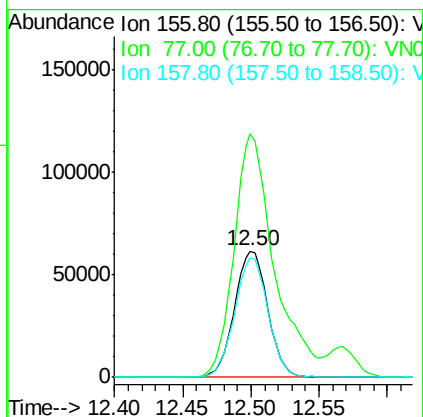
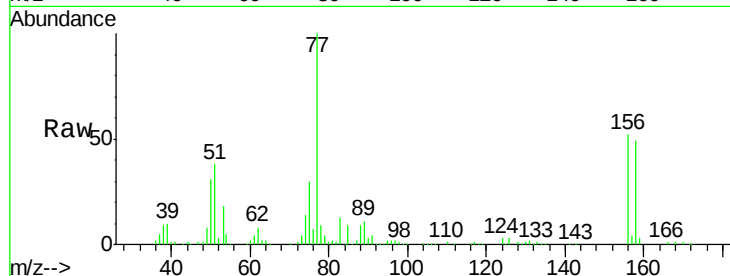
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	104326
Ion Ratio	Lower	Upper	
156	100		
77	232.3	122.8	368.3
158	94.9	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 45.581 ug/l

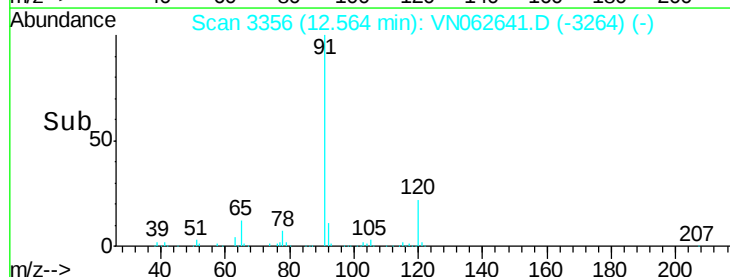
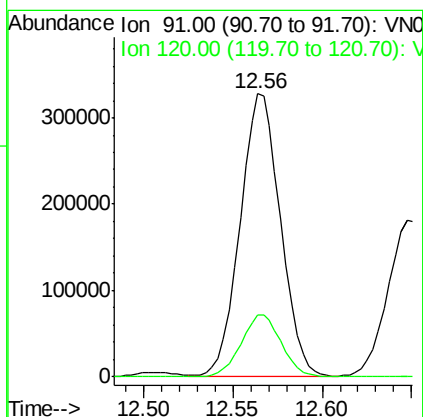
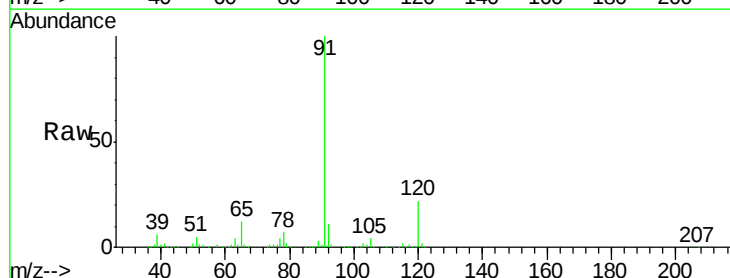
RT: 12.56 min Scan# 3356

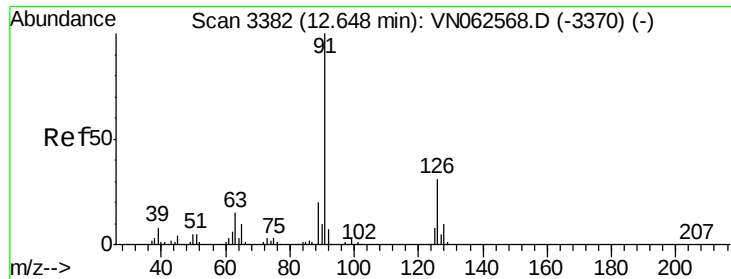
Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion:	91	Resp:	514016
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.9	32.6





#79

2-Chlorotoluene

Concen: 43.308 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 300981

Ion Ratio Lower Upper

91 100

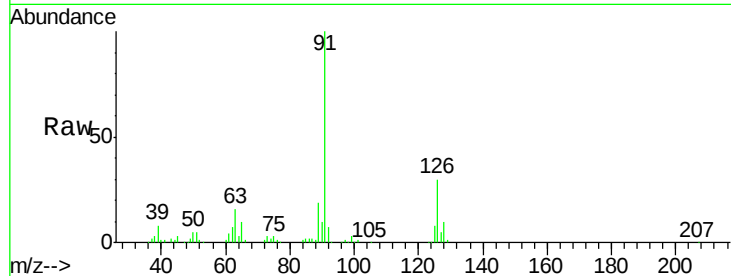
126 31.4 15.9 47.6

Manual Integrations

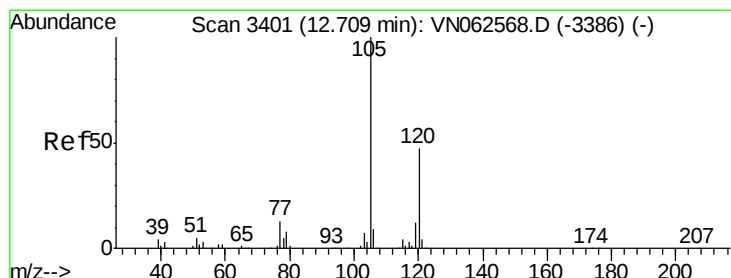
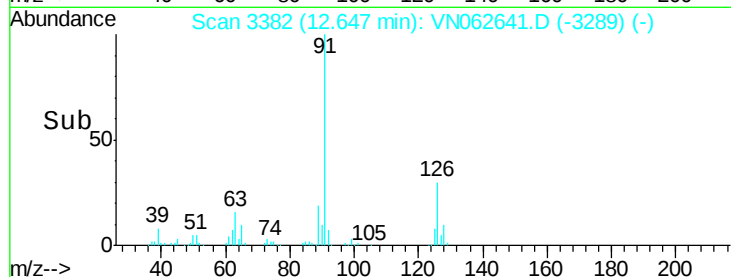
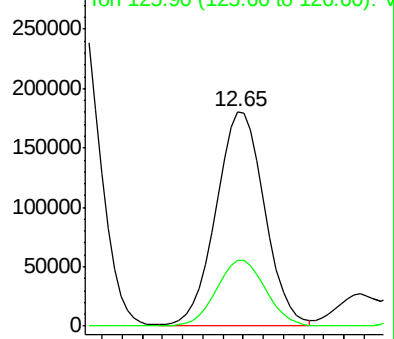
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Abundance Ion 91.00 (90.70 to 91.70): VN062641.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.642 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062641.D

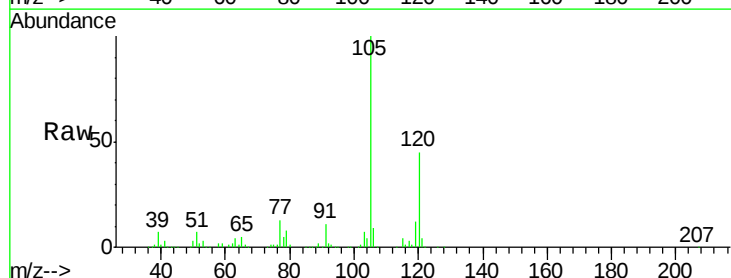
Acq: 28 Jul 2020 19:07

Tgt Ion: 105 Resp: 380451

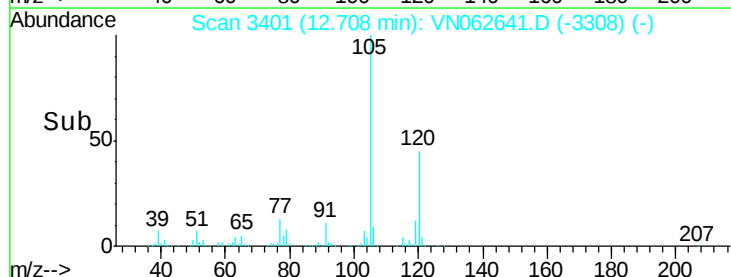
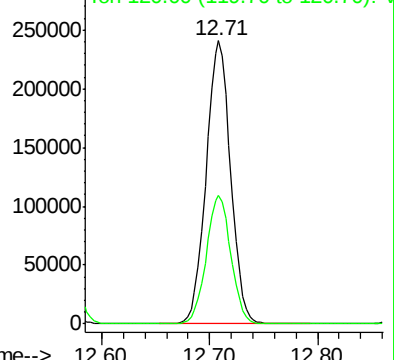
Ion Ratio Lower Upper

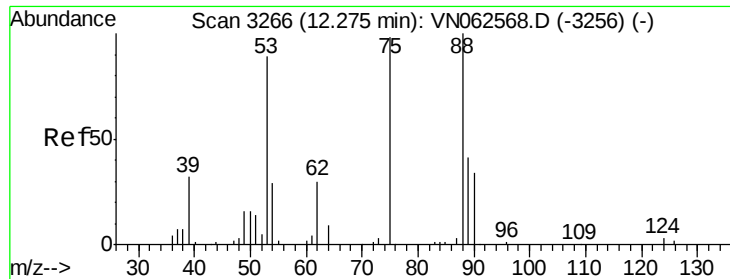
105 100

120 45.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062641.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.384 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

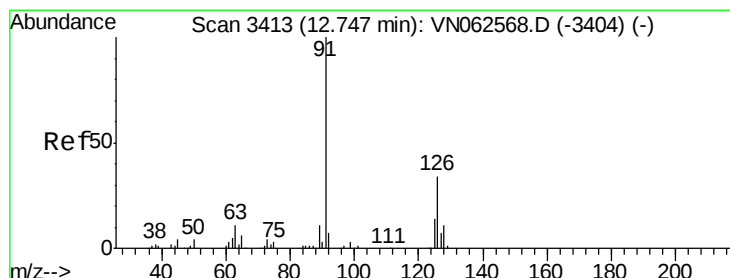
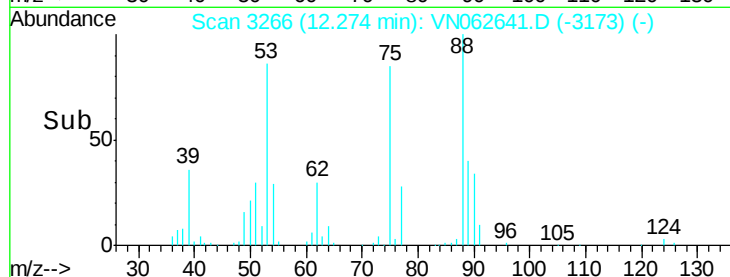
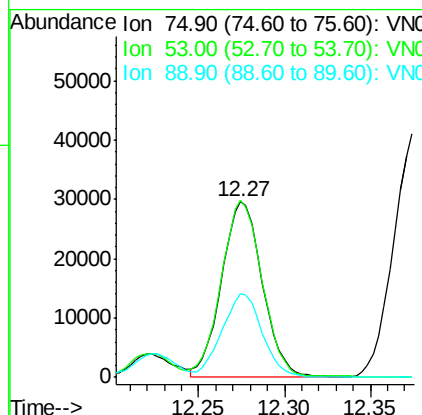
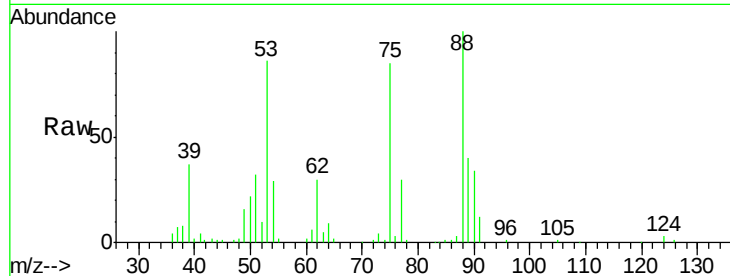
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	49411
Ion	Ratio	Lower	Upper
75	100		
53	99.3	75.4	113.0
89	47.0	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 44.647 ug/l

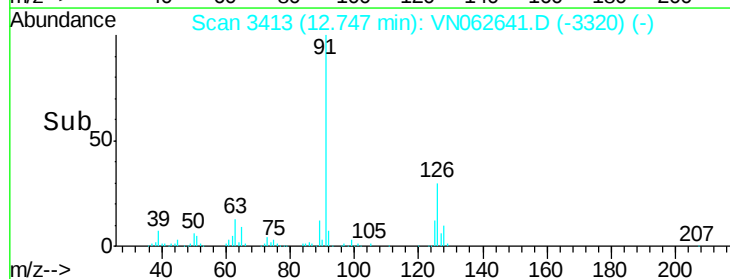
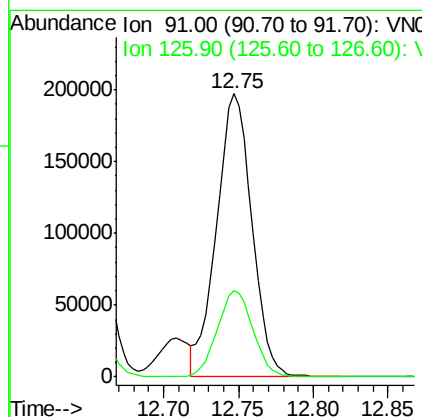
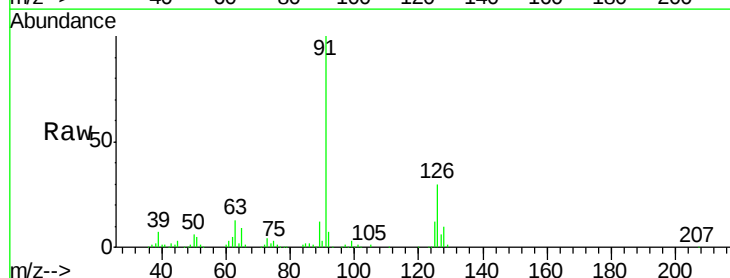
RT: 12.75 min Scan# 3413

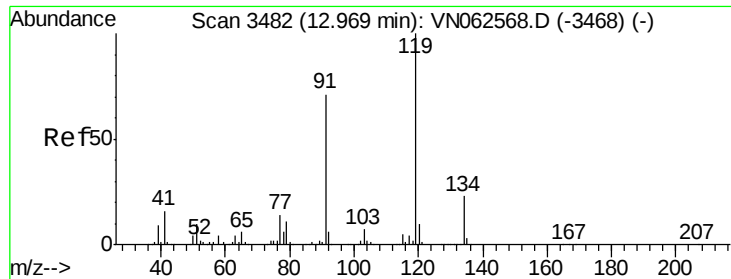
Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion:	91	Resp:	322969
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





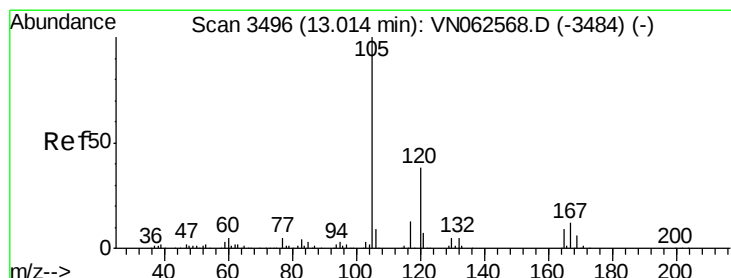
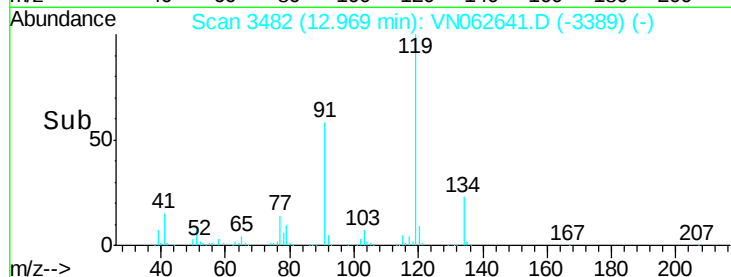
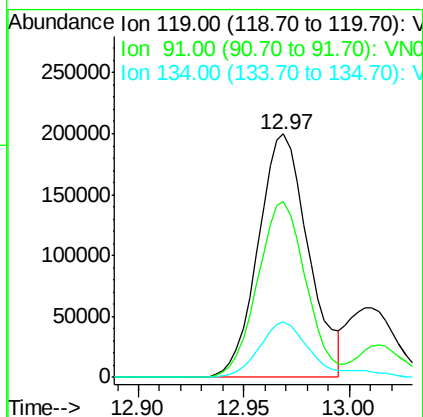
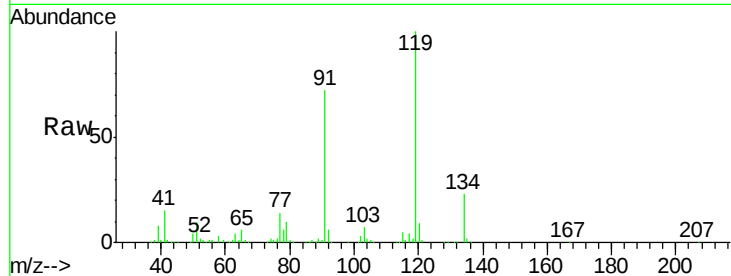
#83
 tert-Butylbenzene
 Concen: 49.773 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	70.1	34.6	103.8
134	22.2	11.5	34.4

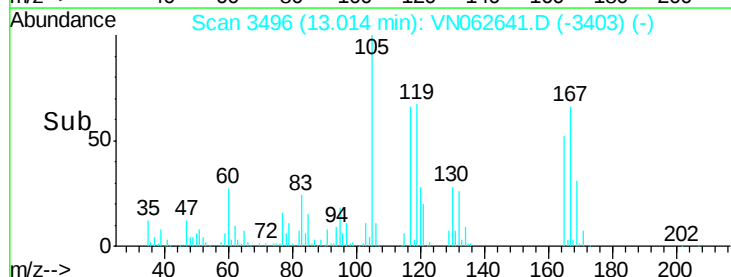
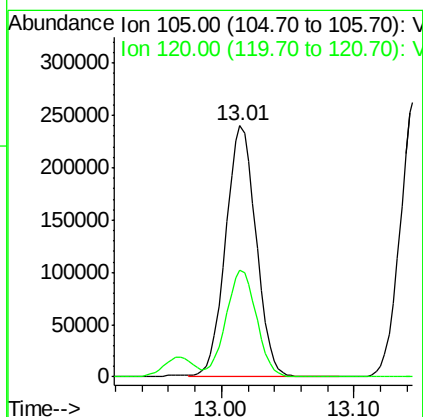
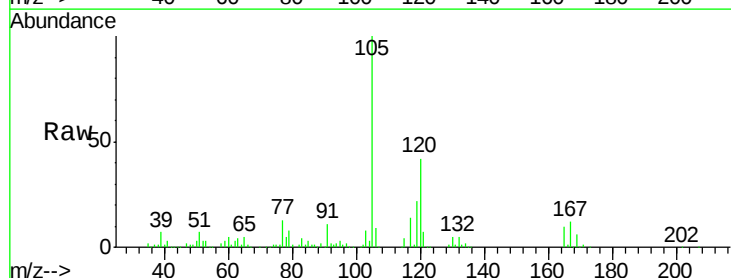
Manual Integrations
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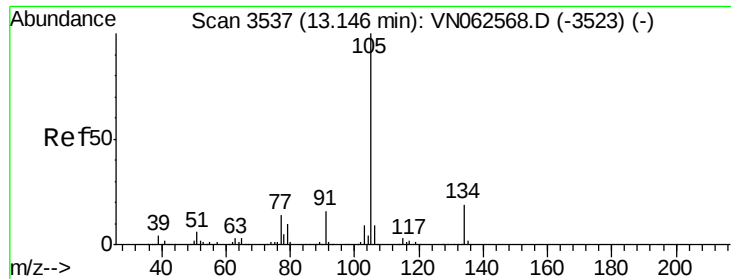
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.708 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.1	66.3





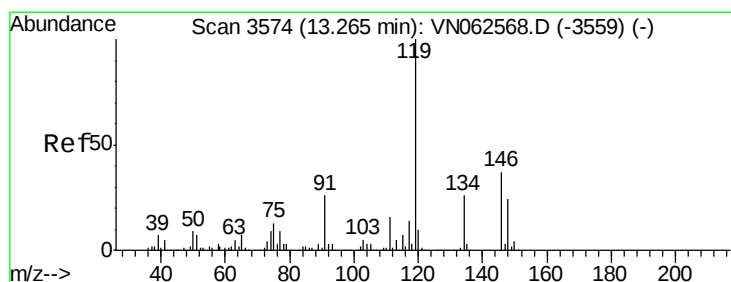
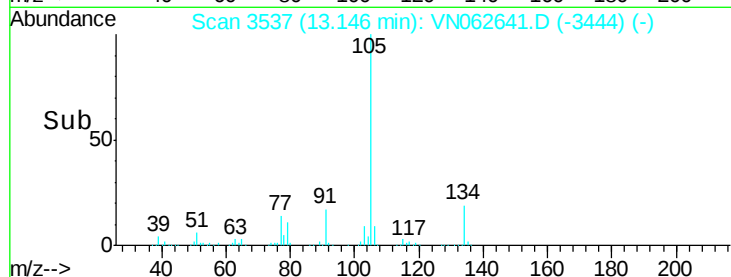
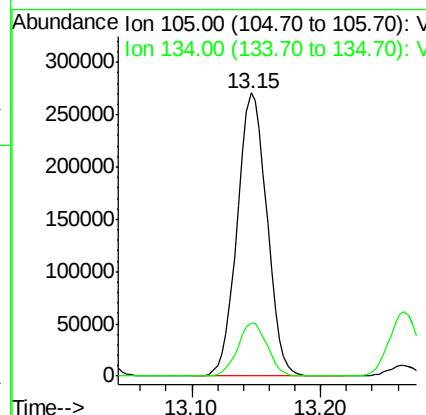
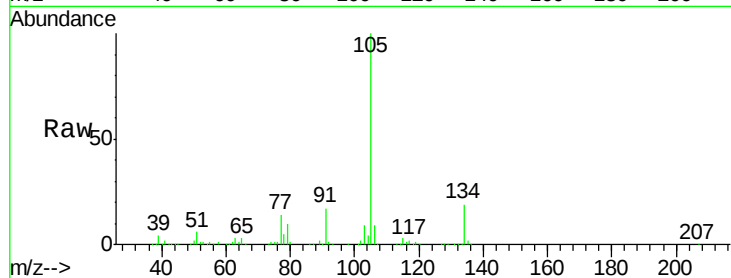
#85
 sec-Butylbenzene
 Concen: 48.710 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 432427
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.5 28.5

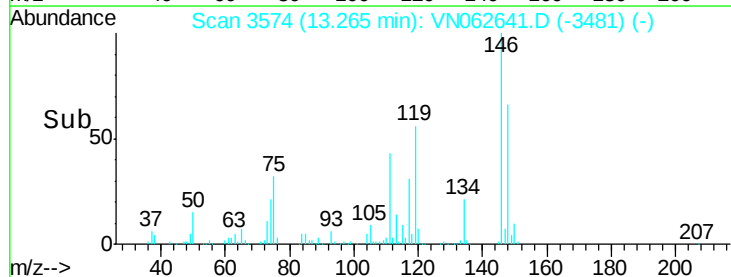
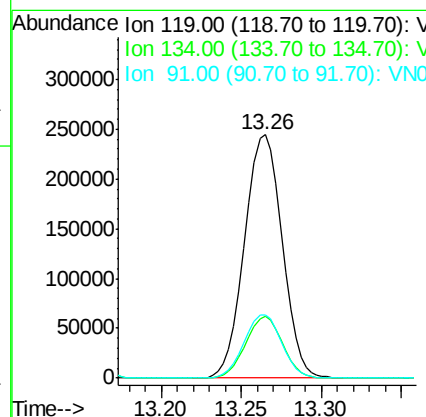
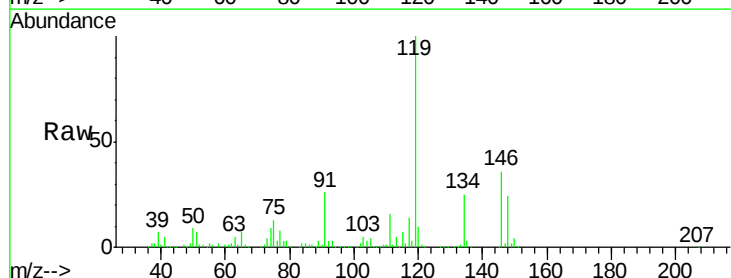
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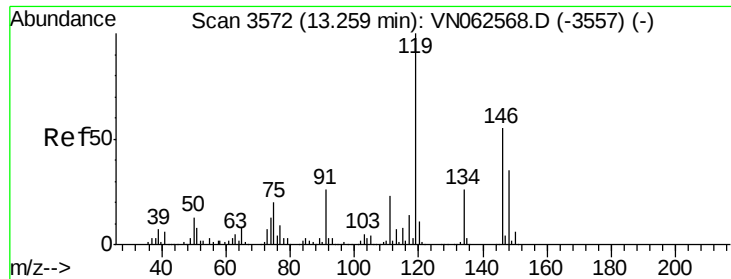
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#86
 p-Isopropyltoluene
 Concen: 51.235 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion:119 Resp: 391198
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.4
 91 26.2 12.7 38.1





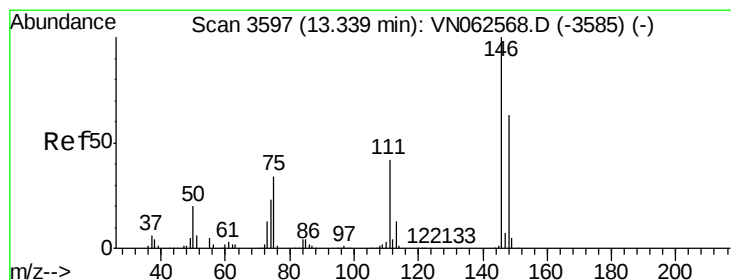
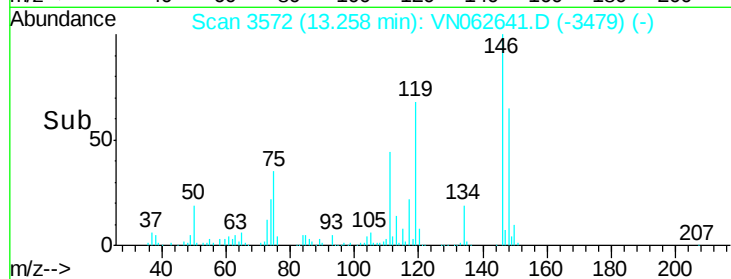
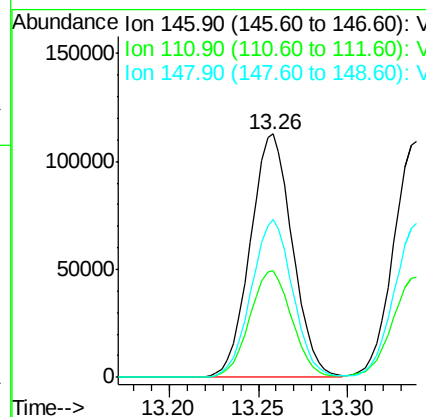
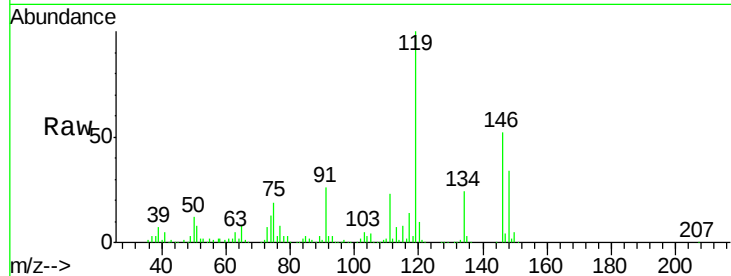
#87
 1,3-Dichlorobenzene
 Concen: 45.958 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	64.6
148	63.7	31.8	95.4

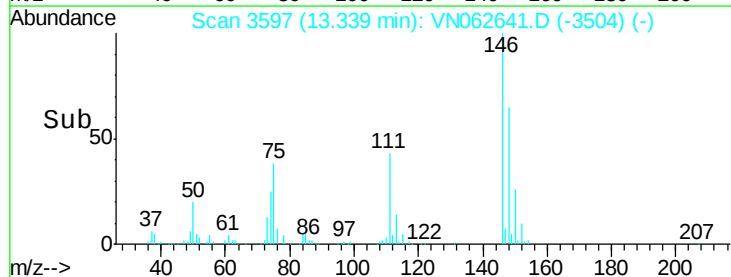
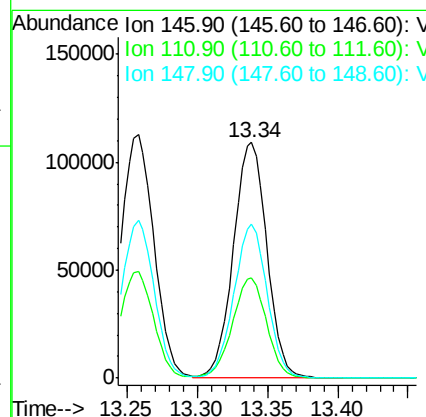
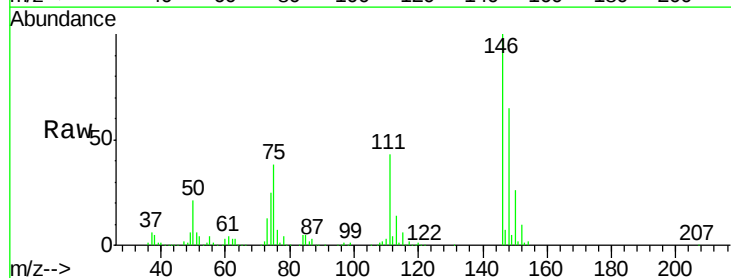
Manual Integrations
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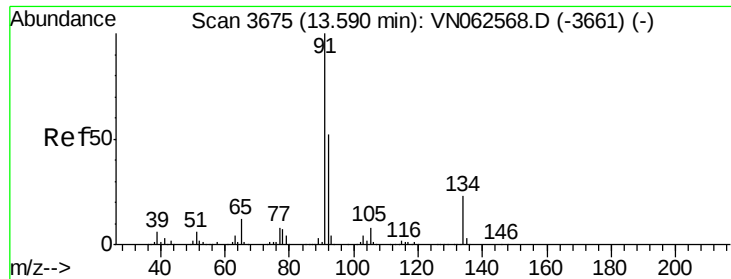
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#88
 1,4-Dichlorobenzene
 Concen: 45.364 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.1
148	64.5	31.6	94.8





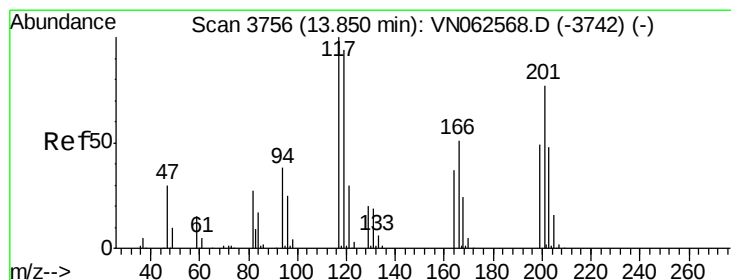
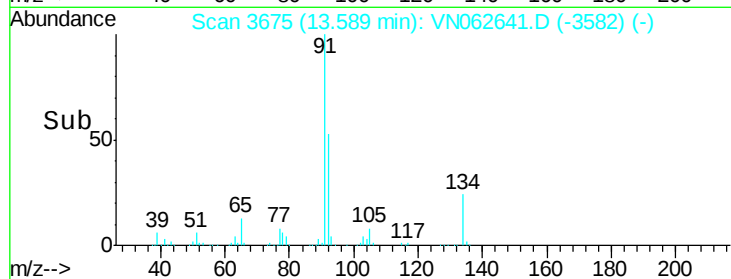
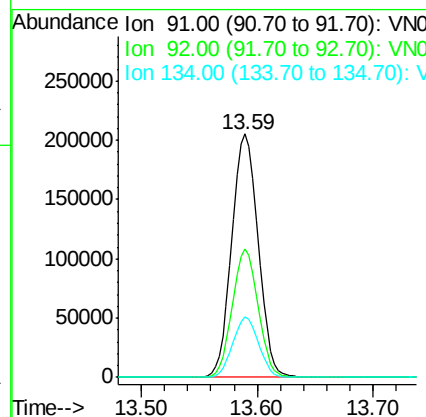
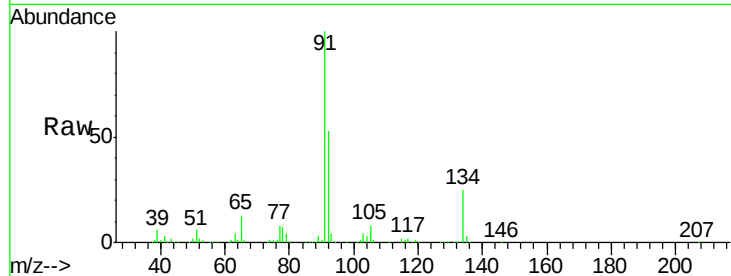
#89
n-Butylbenzene
Concen: 49.281 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.8	77.3
134	24.1	11.8	35.3

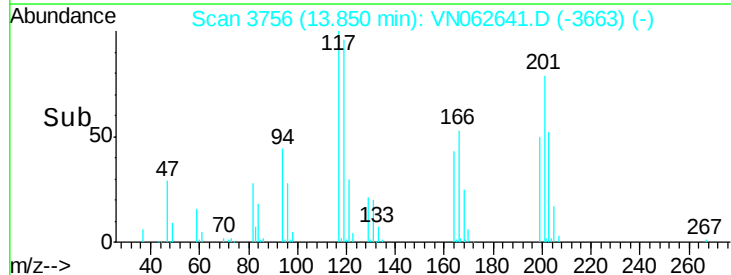
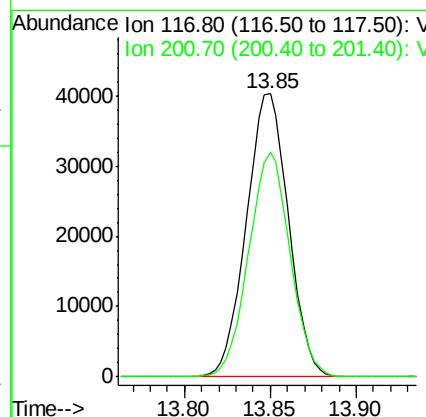
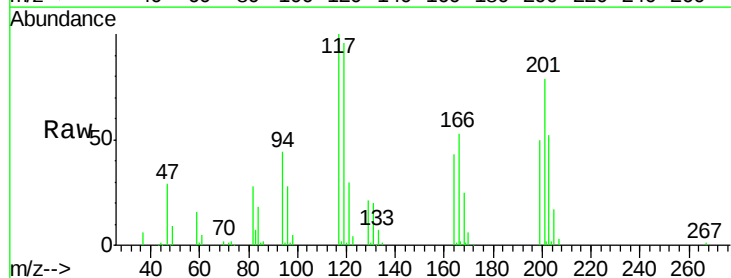
Manual Integrations
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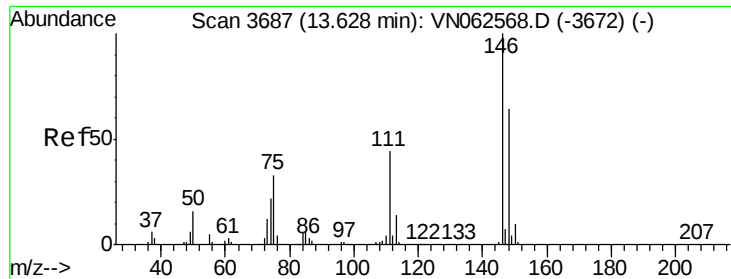
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#90
Hexachloroethane
Concen: 42.080 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	39.2	117.6





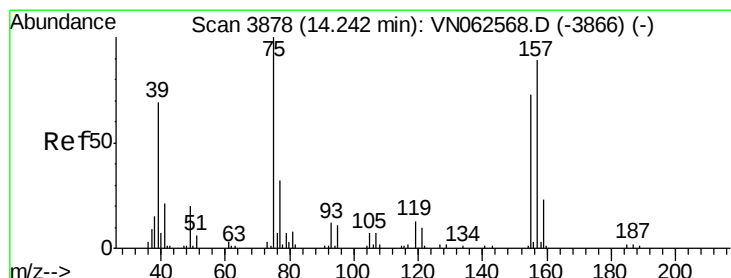
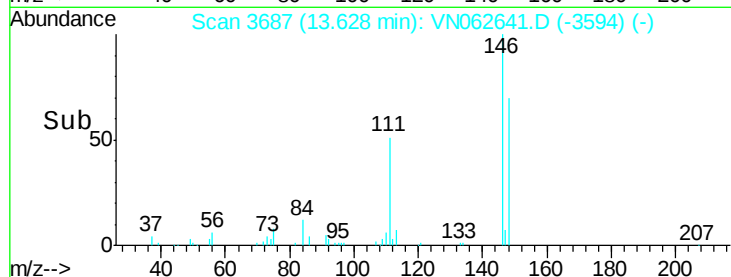
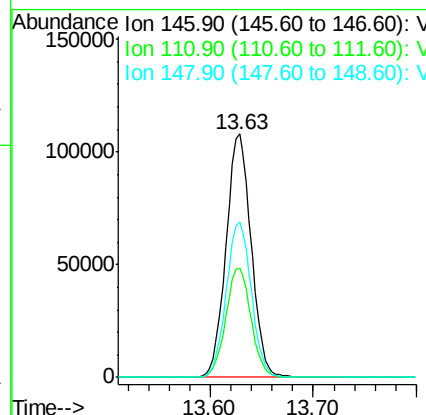
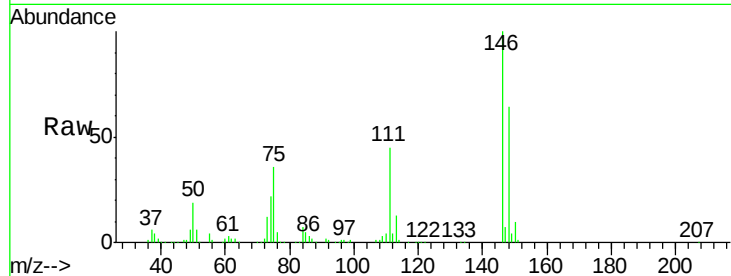
#91
 1,2-Dichlorobenzene
 Concen: 47.203 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.9	65.8
148	63.7	31.6	94.7

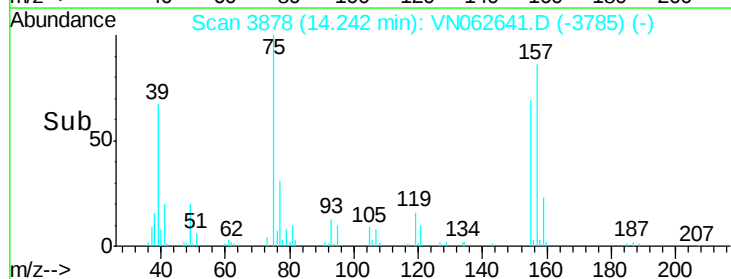
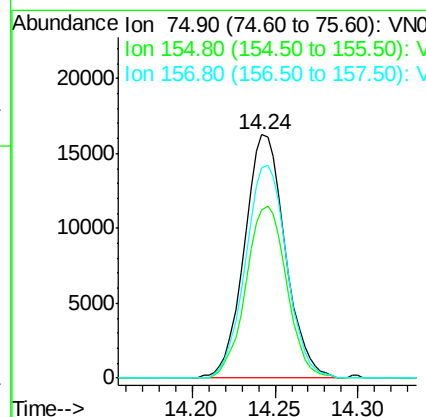
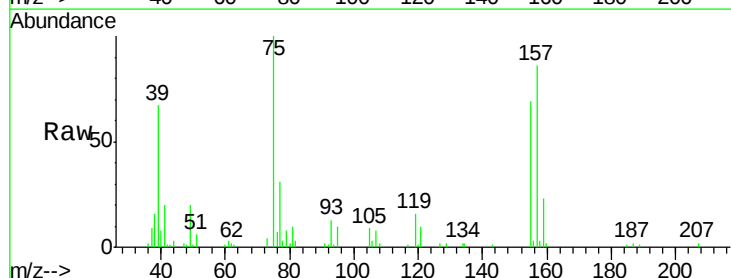
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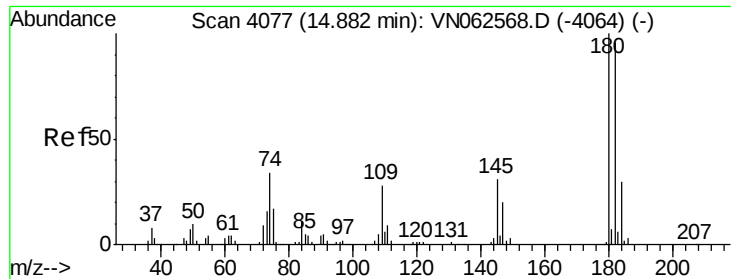
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.787 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.3	35.9	107.5
157	88.1	45.0	135.0





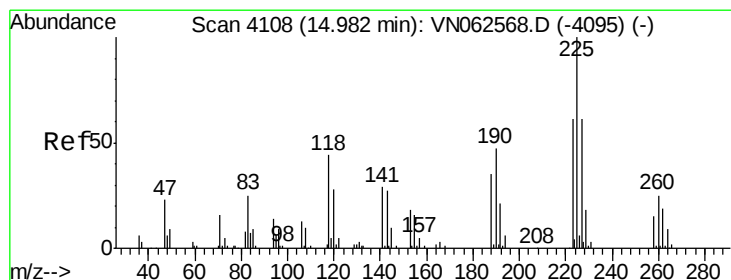
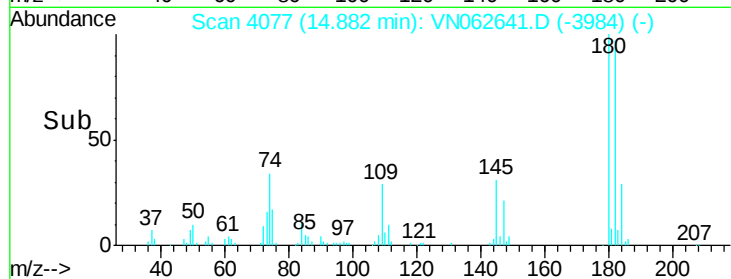
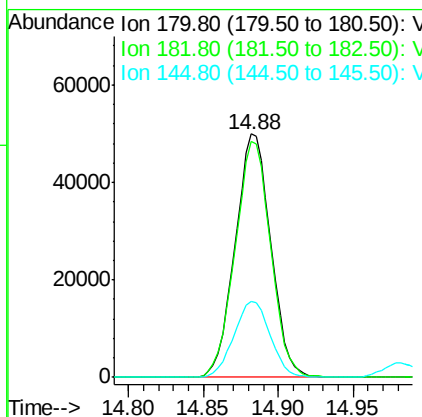
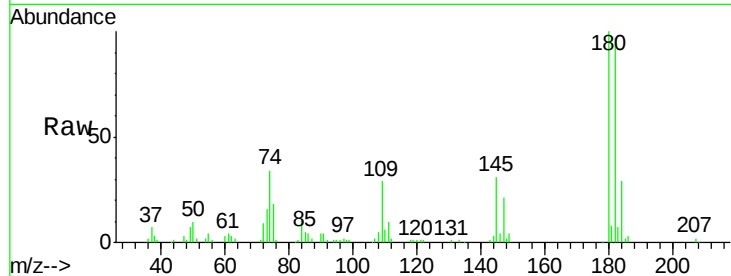
#93
 1,2,4-Trichlorobenzene
 Concen: 41.083 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	82654		
182	96.8	47.8	143.3	
145	31.8	15.3	45.9	

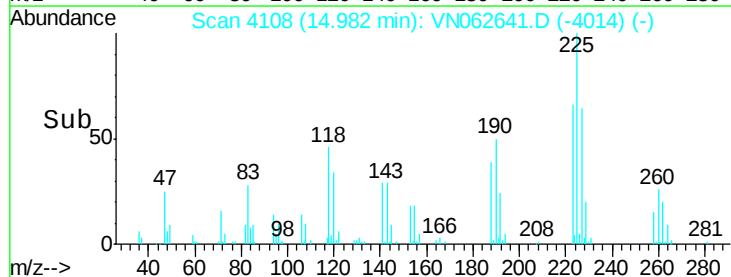
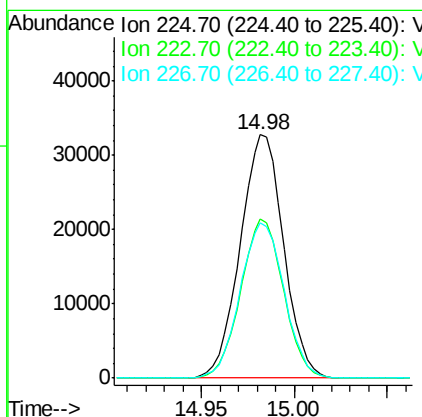
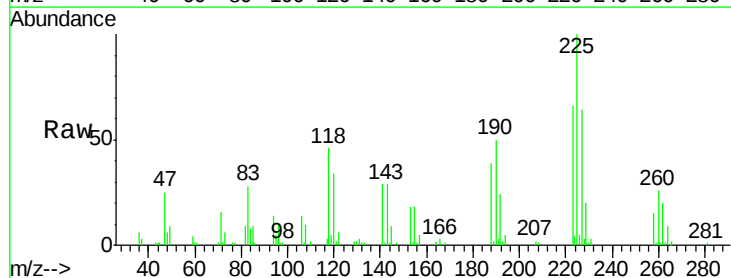
Manual Integrations
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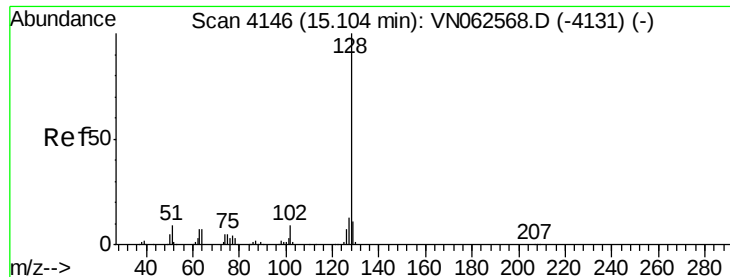
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#94
 Hexachlorobutadiene
 Concen: 50.861 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53407		
223	64.3	32.0	96.0	
227	64.7	31.1	93.2	





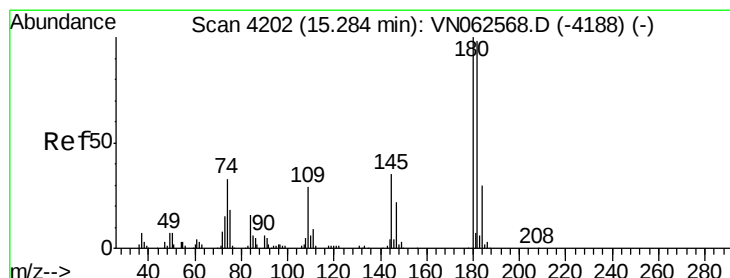
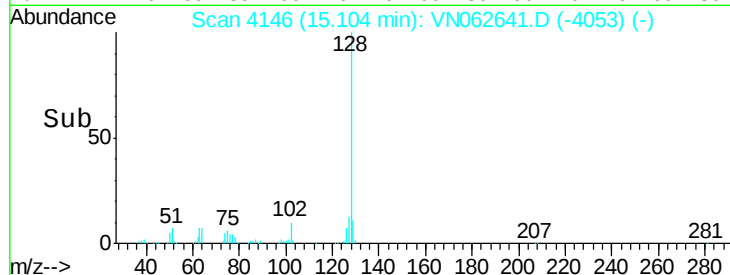
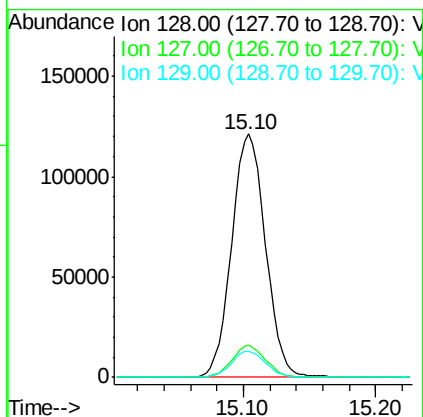
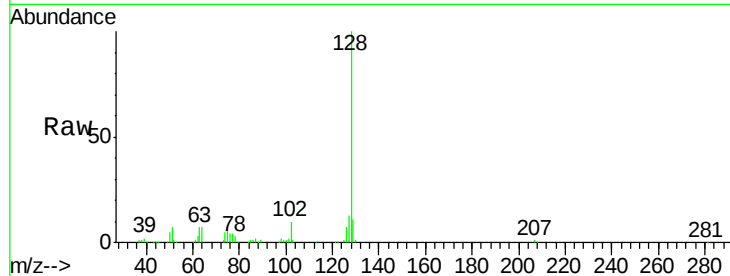
#95
Naphthalene
Concen: 40.516 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	215199		
127	13.0		10.4	15.6
129	10.8		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.191 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	82677		
182	97.2		48.1	144.3
145	35.3		16.7	50.1

