

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062571.D
 Acq On : 21 Jul 2020 14:26
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Manual Integrations
 APPROVED

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 7/22/2020 2:45:44 PM

Quant Time: Jul 22 05:19:25 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	7.62	168	221005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	339345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160753	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	156329	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.06%		
35) Dibromofluoromethane	7.55	113	112160	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.36%		
50) Toluene-d8	10.06	98	446952	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.26%		
62) 4-Bromofluorobenzene	12.37	95	168063	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.90%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	128249	48.650	ug/l	99
3) Chloromethane	2.04	50	172156	48.149	ug/l	97
4) Vinyl Chloride	2.16	62	149092	48.101	ug/l	99
5) Bromomethane	2.53	94	67064	48.850	ug/l	99
6) Chloroethane	2.67	64	67443	48.102	ug/l	99
7) Trichlorofluoromethane	2.98	101	173928	47.792	ug/l	98
8) Diethyl Ether	3.37	74	84404	49.596	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	118172	50.646	ug/l	99
10) Methyl Iodide	3.91	142	144482	48.435	ug/l	100
11) Tert butyl alcohol	4.73	59	130620	239.163	ug/l	100
12) 1,1-Dichloroethene	3.70	96	117643	49.714	ug/l	98
13) Acrolein	3.56	56	119471	211.117	ug/l	99
14) Allyl chloride	4.27	41	259045	50.607	ug/l	99
15) Acrylonitrile	4.93	53	364764	249.350	ug/l	100
16) Acetone	3.77	43	345877	267.719	ug/l	100
17) Carbon Disulfide	4.01	76	371994	47.844	ug/l	100
18) Methyl Acetate	4.28	43	156615	47.885	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	434788	49.920	ug/l	99
20) Methylene Chloride	4.50	84	143629	46.353	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	129809	49.424	ug/l	97
22) Diisopropyl ether	5.90	45	509597	50.085	ug/l	98
23) Vinyl Acetate	5.84	43	2159116	258.980	ug/l	100
24) 1,1-Dichloroethane	5.80	63	271249	49.507	ug/l	99
25) 2-Butanone	6.79	43	507450	257.904	ug/l	100
26) 2,2-Dichloropropane	6.78	77	225946	50.235	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	146591	48.913	ug/l	98
28) Bromochloromethane	7.15	49	134986	50.061	ug/l	99
29) Tetrahydrofuran	7.17	42	328816	246.973	ug/l	100
30) Chloroform	7.33	83	251672	48.310	ug/l	99
31) Cyclohexane	7.61	56	246234	48.675	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	213057	48.985	ug/l	99
36) 1,1-Dichloropropene	7.75	75	197904	50.762	ug/l	100
37) Ethyl Acetate	6.88	43	213412	50.782	ug/l	98
38) Carbon Tetrachloride	7.73	117	184500	49.233	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	221507	52.781	ug/l	100
40) Benzene	8.00	78	584891	49.554	ug/l	100
41) Methacrylonitrile	7.12	41	95900	53.244	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	214105	49.618	ug/l	100
43) Isopropyl Acetate	8.13	43	344391	50.834	ug/l #	91
44) Trichloroethene	8.80	130	131946	49.572	ug/l	100
45) 1,2-Dichloropropane	9.08	63	165978	50.085	ug/l	98
46) Dibromomethane	9.17	93	95426	49.821	ug/l	99
47) Bromodichloromethane	9.37	83	207831	50.085	ug/l	100
48) Methyl methacrylate	9.17	41	164382	51.042	ug/l	99
49) 1,4-Dioxane	9.17	88	51259	1036.303	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1035417	255.429	ug/l	99
52) Toluene	10.12	92	349475	50.991	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	241410	52.260	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	262121	52.882	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	133469	50.205	ug/l	97
56) Ethyl methacrylate	10.40	69	228943	48.033	ug/l	99
57) 1,3-Dichloropropane	10.68	76	248332	50.989	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	333038	232.737	ug/l	100
59) 2-Hexanone	10.72	43	764835	244.041	ug/l	100
60) Dibromochloromethane	10.87	129	150974	50.906	ug/l	99
61) 1,2-Dibromoethane	10.98	107	136700	49.382	ug/l	98
64) Tetrachloroethene	10.60	164	110476	50.107	ug/l	98
65) Chlorobenzene	11.41	112	361664	50.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	132911	49.662	ug/l	99
67) Ethyl Benzene	11.48	91	680678	52.184	ug/l	100
68) m/p-Xylenes	11.59	106	493185	105.194	ug/l	99
69) o-Xylene	11.92	106	234883	52.759	ug/l	99
70) Styrene	11.94	104	407049	54.125	ug/l	99
71) Bromoform	12.10	173	102707	51.112	ug/l #	99
73) Isopropylbenzene	12.22	105	639250	50.291	ug/l	100
74) N-amyl acetate	12.05	43	303284	53.428	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	205221	46.461	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	195724m	47.834	ug/l	
77) Bromobenzene	12.50	156	147778	48.378	ug/l	98
78) n-propylbenzene	12.56	91	761589	51.151	ug/l	100
79) 2-Chlorotoluene	12.65	91	453555	49.429	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	547816	51.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	74260	50.522	ug/l	99
82) 4-Chlorotoluene	12.75	91	471570	49.374	ug/l	100
83) tert-Butylbenzene	12.97	119	452303	51.662	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	538330	52.046	ug/l	99
85) sec-Butylbenzene	13.15	105	609893	52.033	ug/l	100
86) p-Isopropyltoluene	13.26	119	543424	53.905	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	264764	49.392	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	265148	50.247	ug/l	100
89) n-Butylbenzene	13.59	91	461692	53.300	ug/l	100
90) Hexachloroethane	13.85	117	103646	48.296	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	255144	49.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	39171	48.844	ug/l	98

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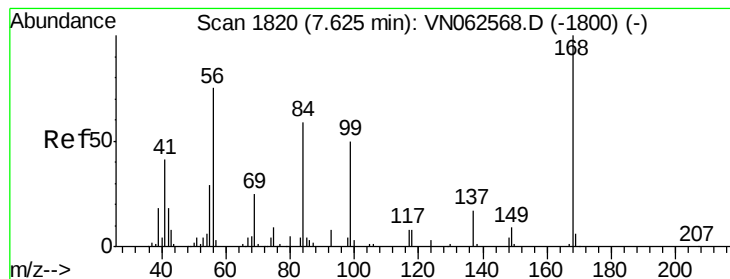
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	124672	46.492	ug/l	99
94) Hexachlorobutadiene	14.98	225	71864	51.842	ug/l	98
95) Naphthalene	15.10	128	315446	44.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122208	50.593	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

Tot Ion:168 Resp: 221005

Ion Ratio Lower Upper

168 100

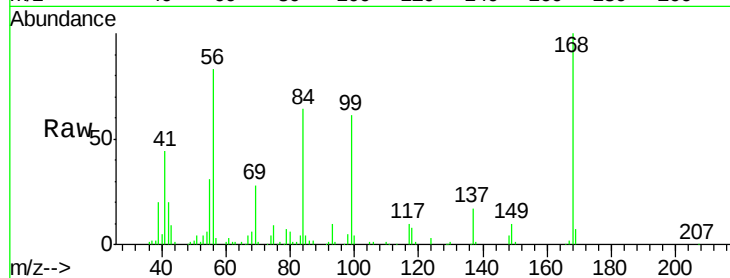
99 60.3 48.4 72.6

Manual Integrations

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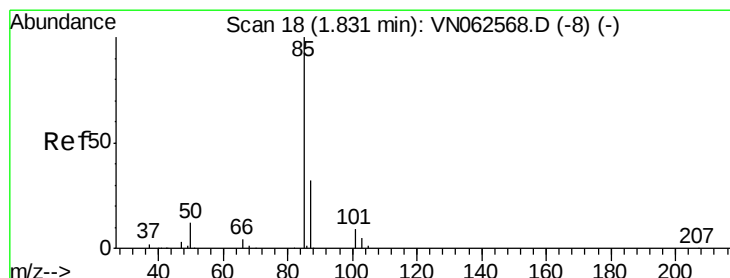
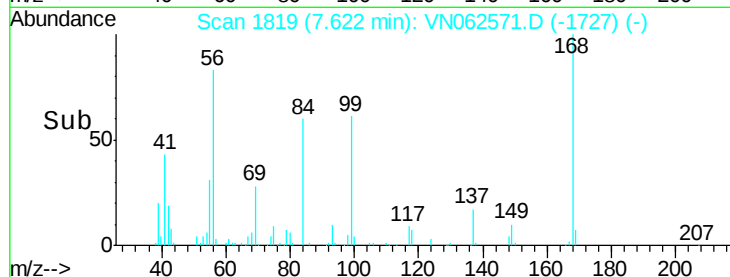
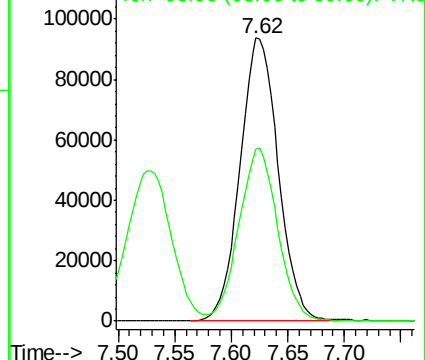
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 48.650 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062571.D

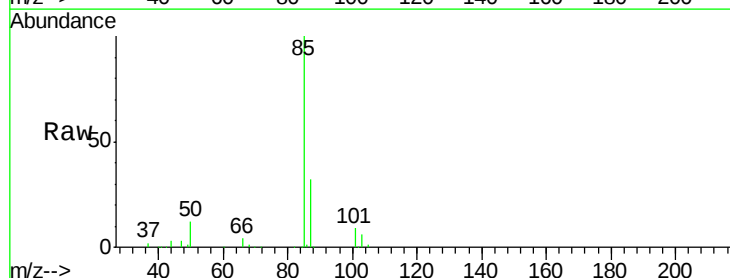
Acq: 21 Jul 2020 14:26

Tgt Ion: 85 Resp: 128249

Ion Ratio Lower Upper

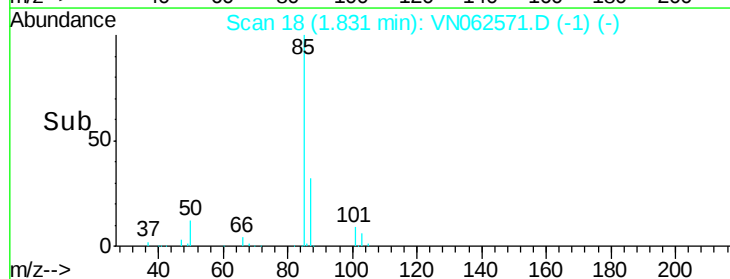
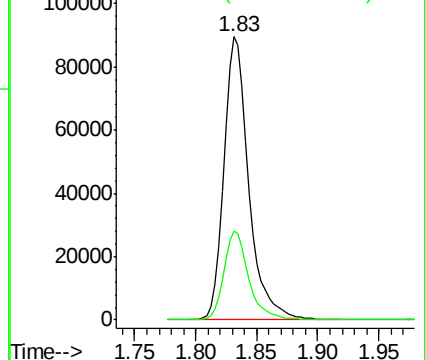
85 100

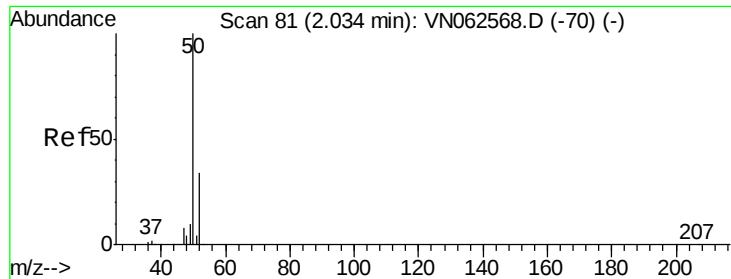
87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 48.149 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

Tot Ion: 50 Resp: 172156

Ion Ratio Lower Upper

50 100

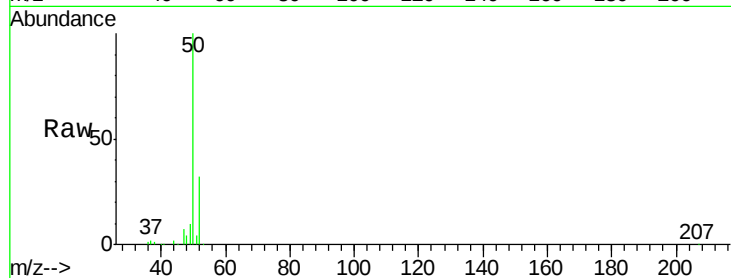
52 32.2 27.0 40.4

Manual Integrations

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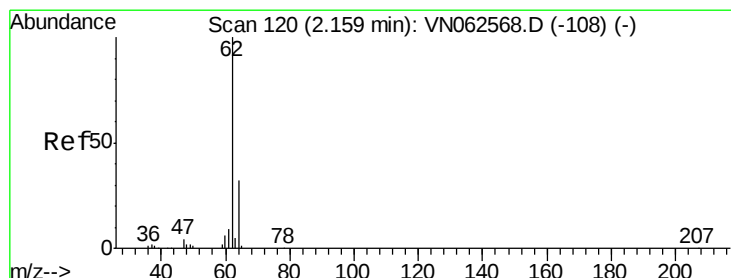
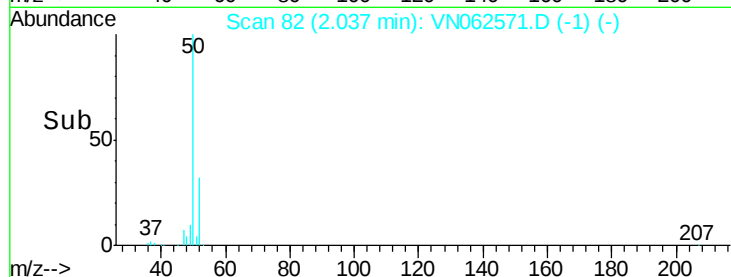
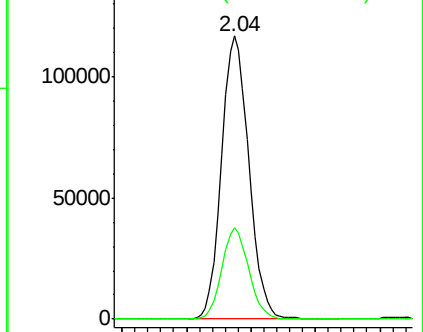
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 48.101 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062571.D

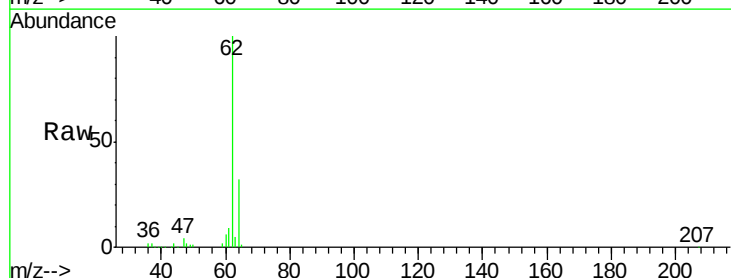
Acq: 21 Jul 2020 14:26

Tgt Ion: 62 Resp: 149092

Ion Ratio Lower Upper

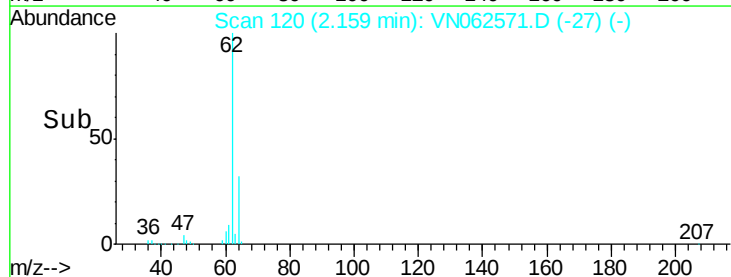
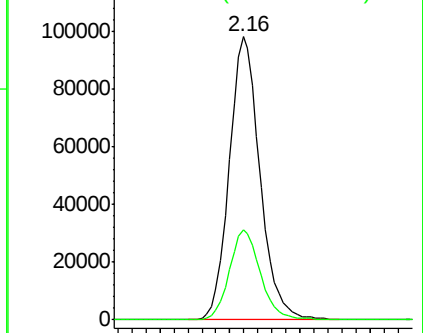
62 100

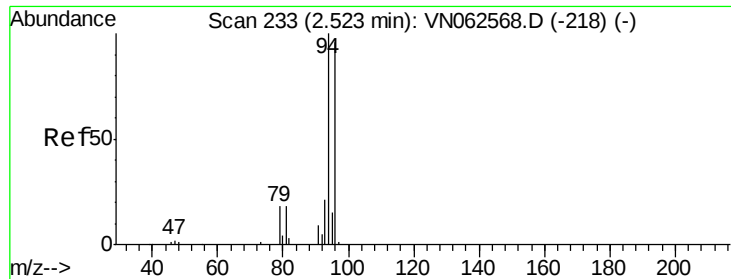
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 48.850 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

Tot Ion: 94 Resp: 67064

Ion Ratio Lower Upper

94 100

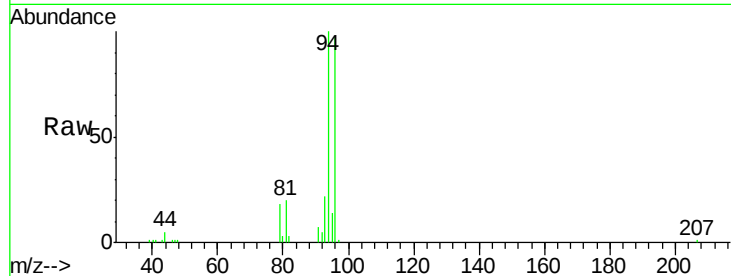
96 96.8 76.6 114.8

Manual Integrations

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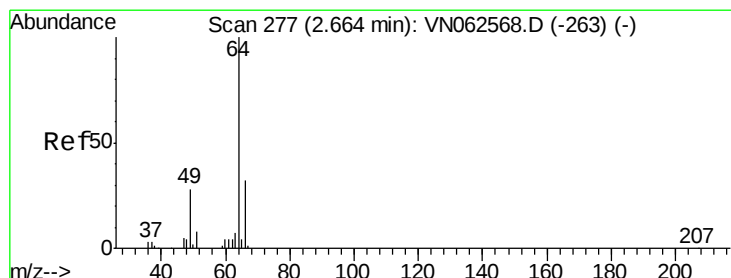
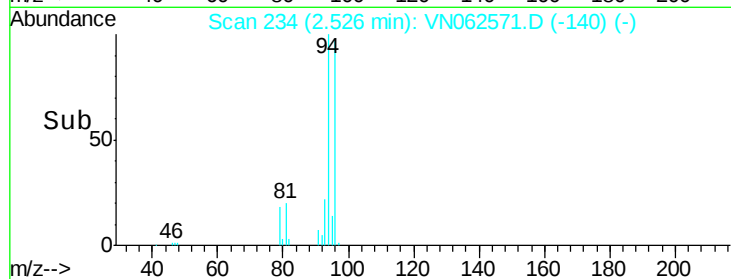
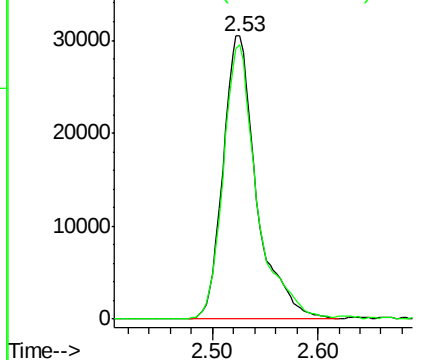
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.102 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062571.D

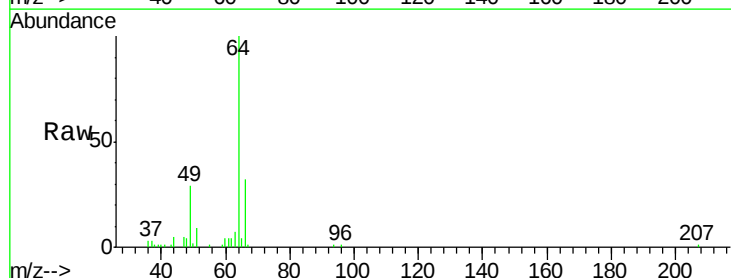
Acq: 21 Jul 2020 14:26

Tgt Ion: 64 Resp: 67443

Ion Ratio Lower Upper

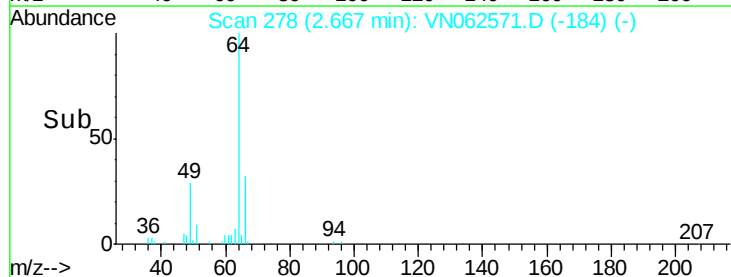
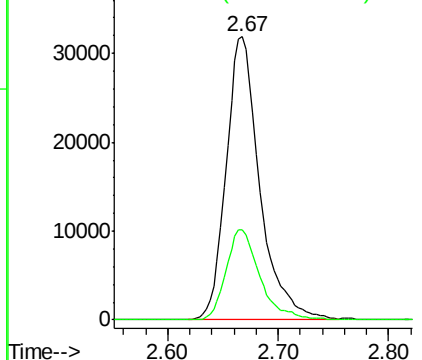
64 100

66 31.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

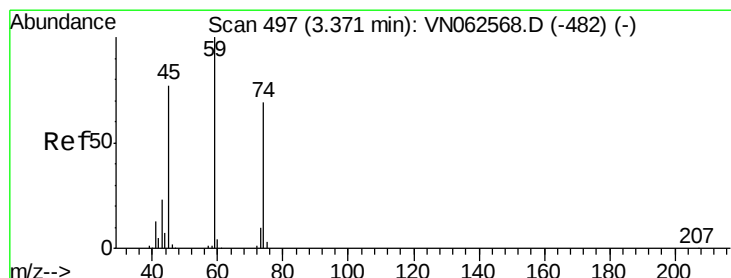
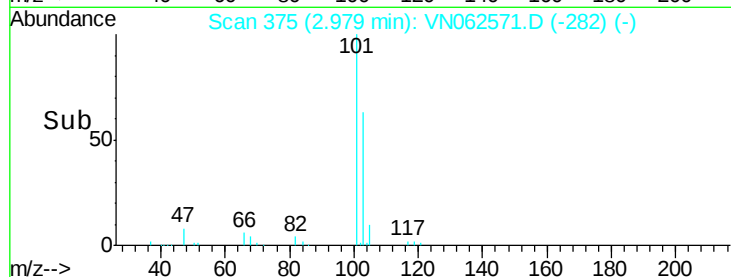
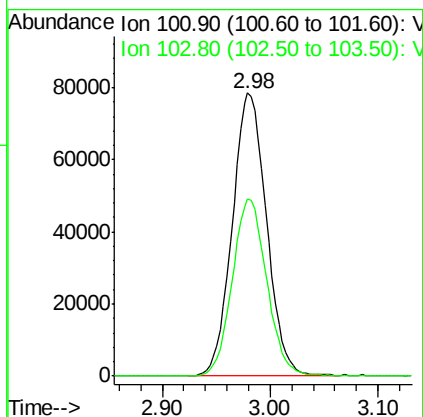
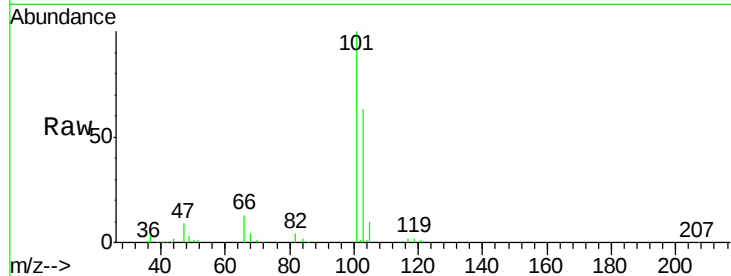
Trichlorofluoromethane
Concen: 47.792 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
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ICVVN072120

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.5	77.3

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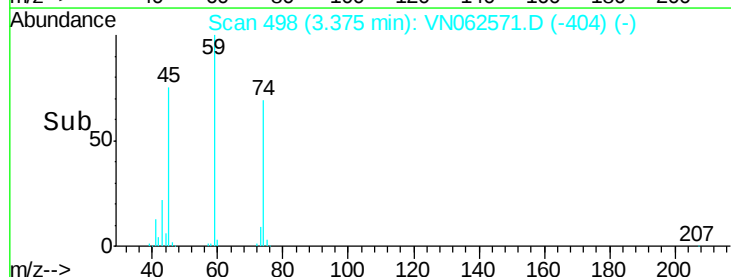
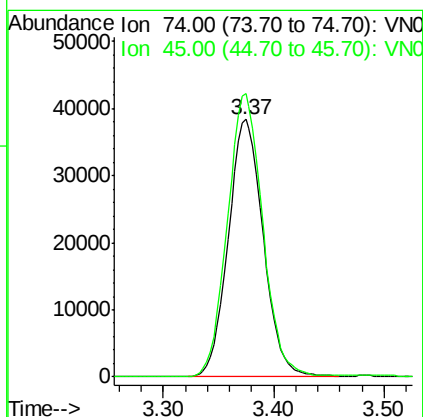
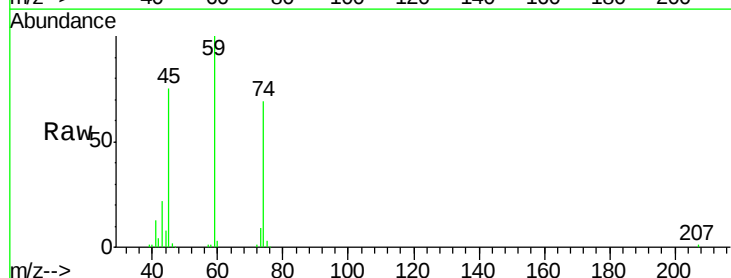
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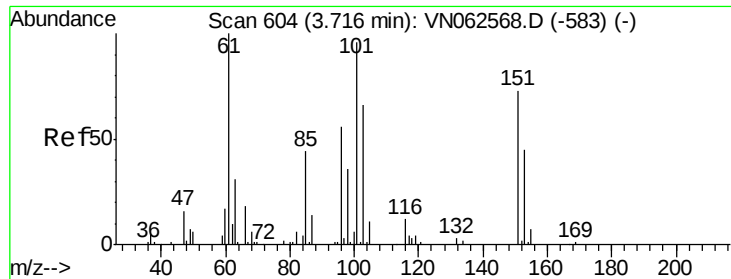


#8

Diethyl Ether
Concen: 49.596 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.1	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.646 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

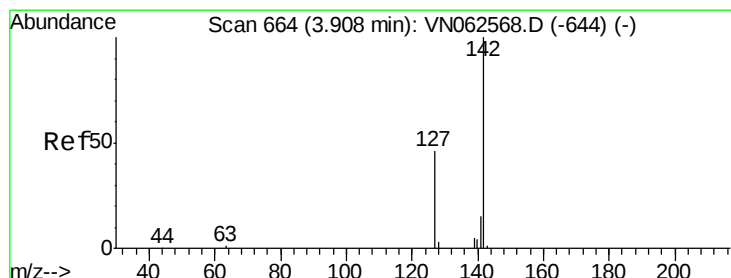
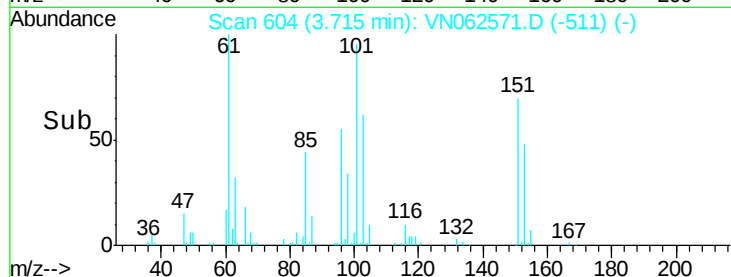
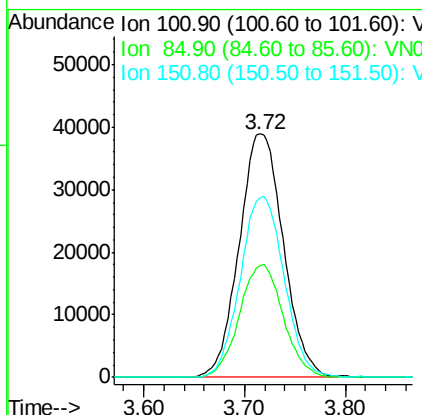
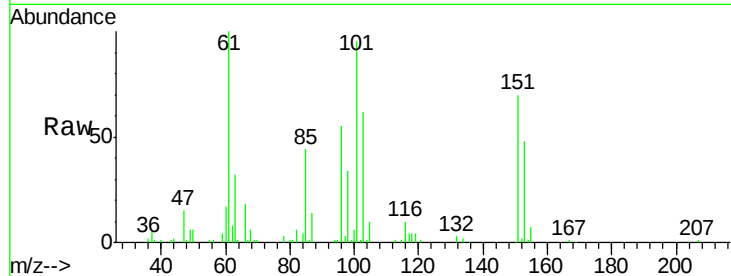
ClientSampleId :

ICVVN072120

Tot Ion:	101	Resp:	118172
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.0	54.0
151	73.9	60.0	90.0

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 48.435 ug/l

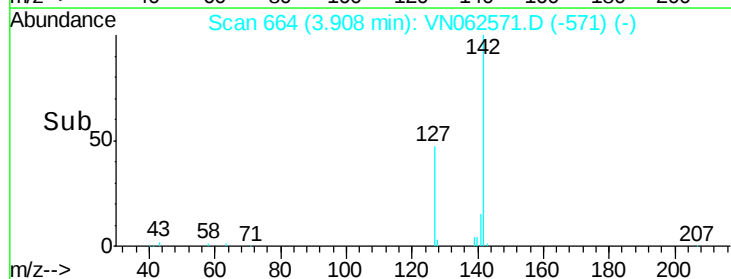
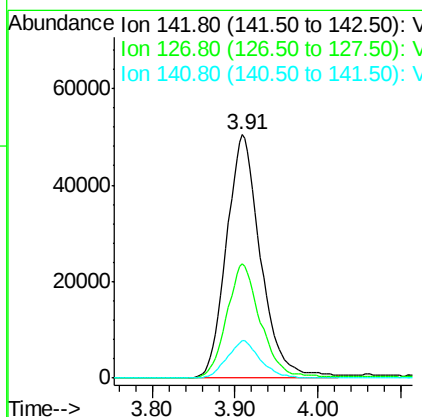
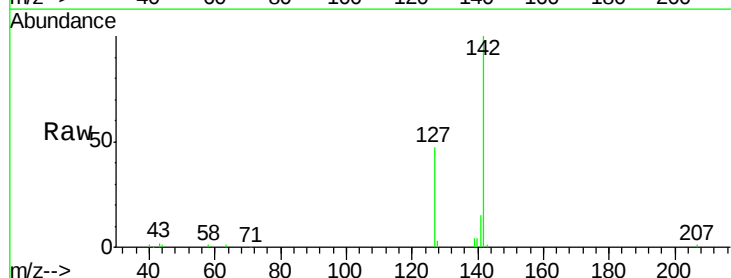
RT: 3.91 min Scan# 664

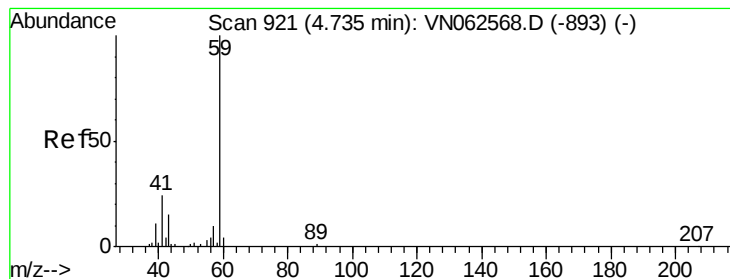
Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion:	142	Resp:	144482
Ion Ratio	Lower	Upper	
142	100		
127	46.6	37.4	56.0
141	14.8	11.9	17.9





#11

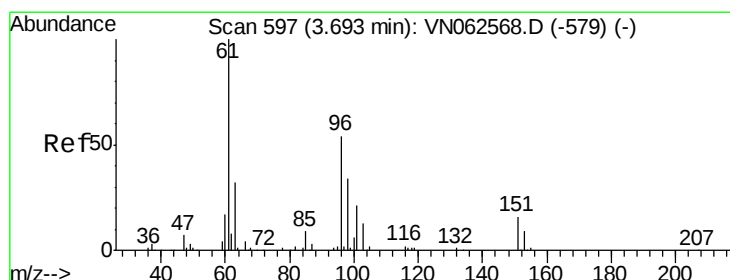
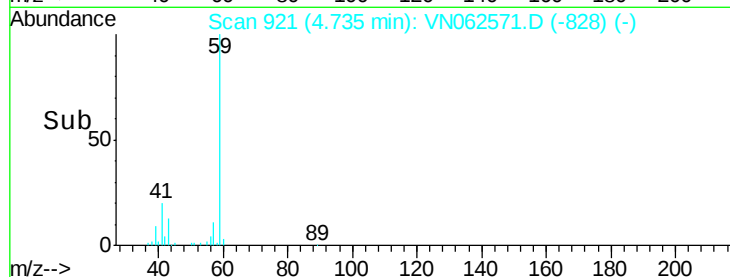
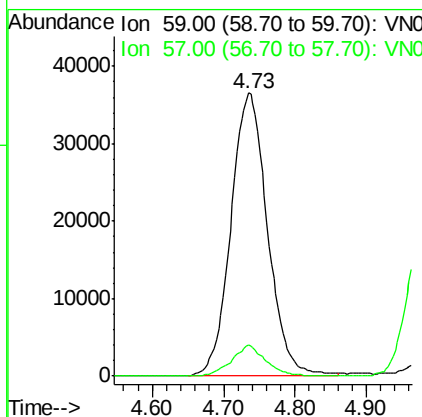
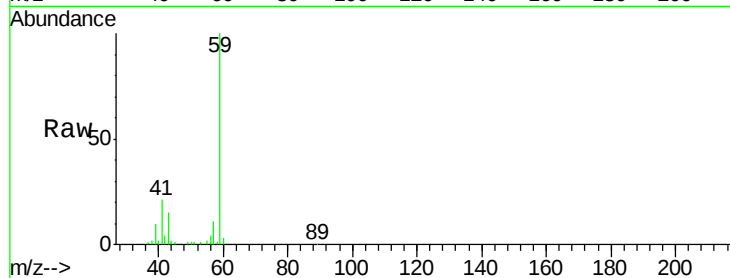
Tert butyl alcohol
 Concen: 239.163 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion	59	Resp	130620
Ion Ratio	100	Lower	Upper
57	10.1	8.2	12.2

Manual Integrations
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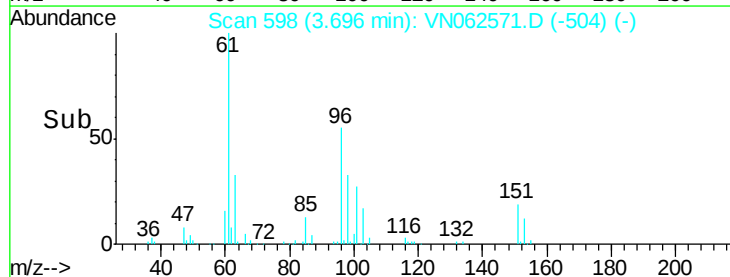
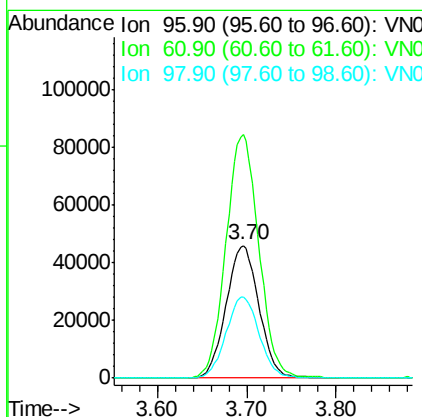
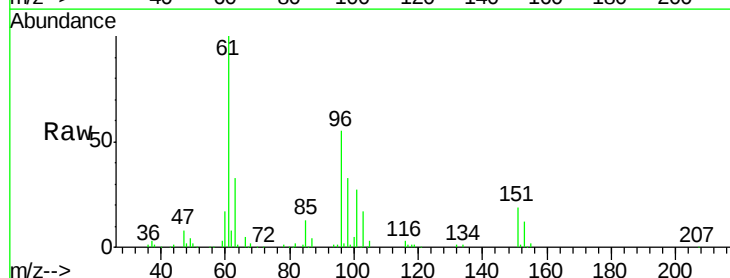
MMDadoda
 7/22/2020 2:45:44 PM

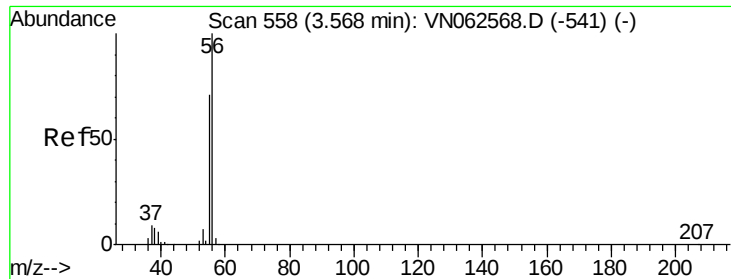


#12

1,1-Dichloroethene
 Concen: 49.714 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion	96	Resp	117643
Ion Ratio	100	Lower	Upper
61	183.5	148.6	222.8
98	61.1	50.6	75.8





#13

Acrolein

Concen: 211.117 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

Tot Ion: 56 Resp: 119471

Ion Ratio Lower Upper

56 100

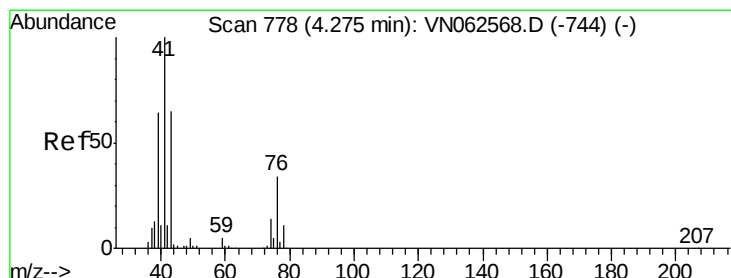
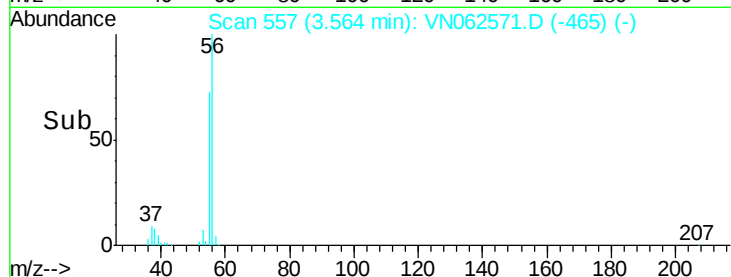
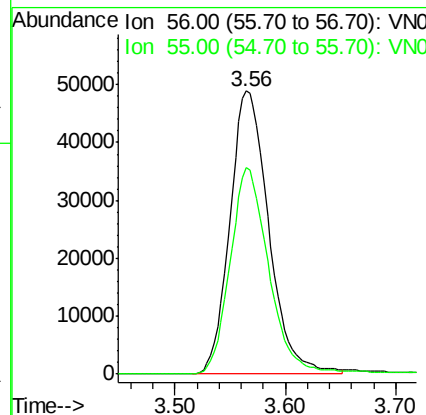
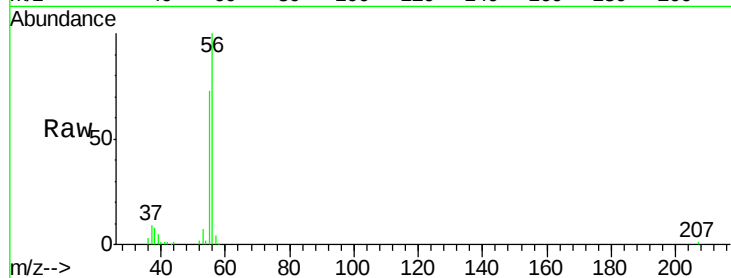
55 72.3 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 50.607 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

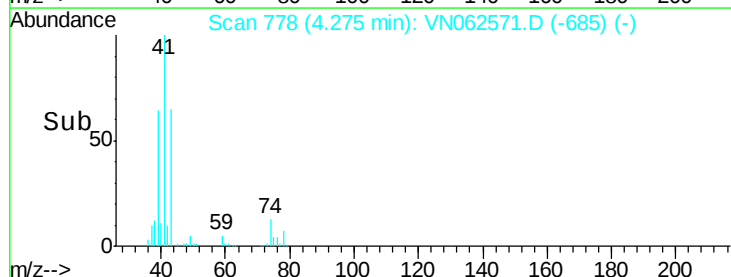
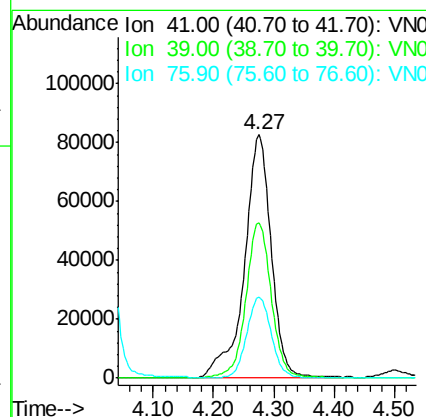
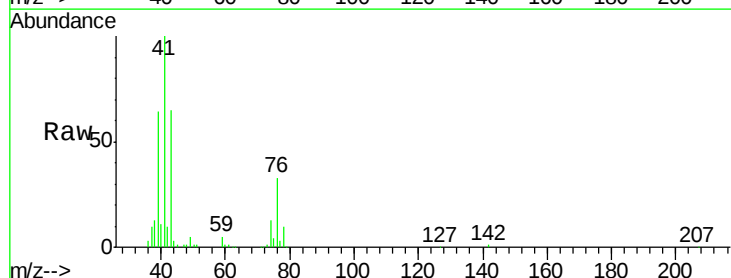
Tgt Ion: 41 Resp: 259045

Ion Ratio Lower Upper

41 100

39 60.2 49.0 73.4

76 29.9 24.0 36.0





#15

Acrylonitrile

Concen: 249.350 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

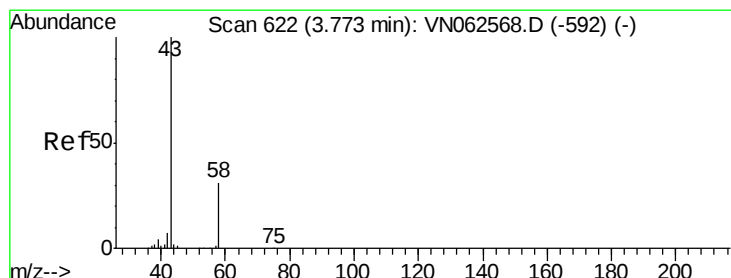
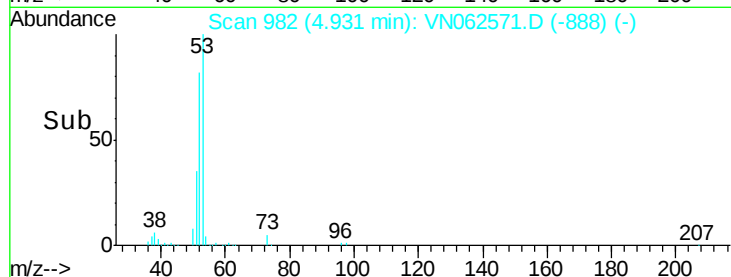
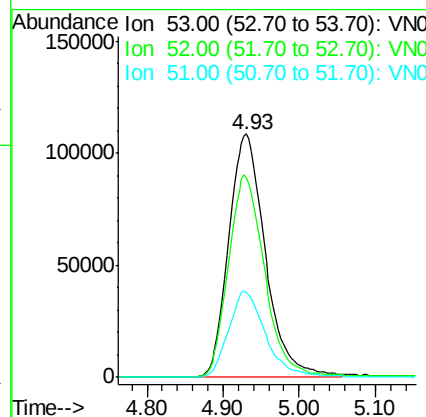
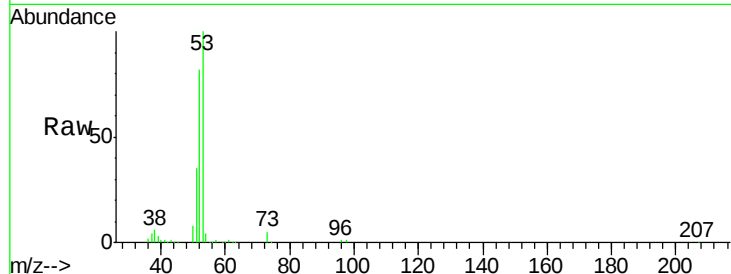
ClientSampled :

ICVVN072120

Tot Ion:	53	Resp:	364764
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.3	99.5
51	35.9	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 267.719 ug/l

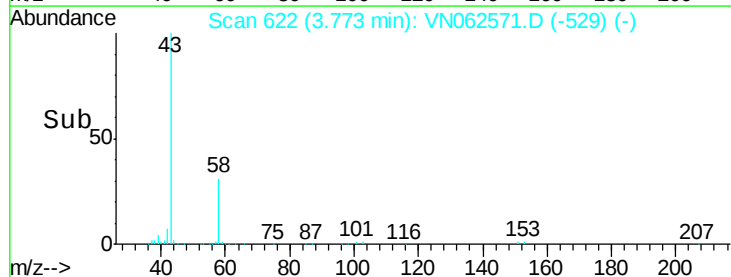
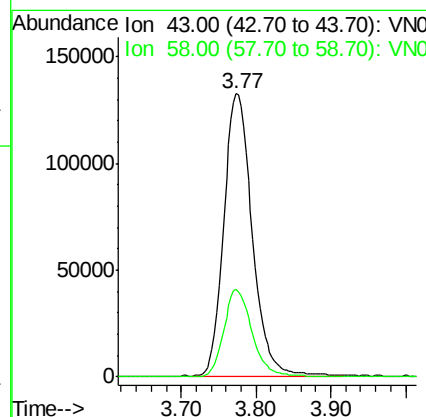
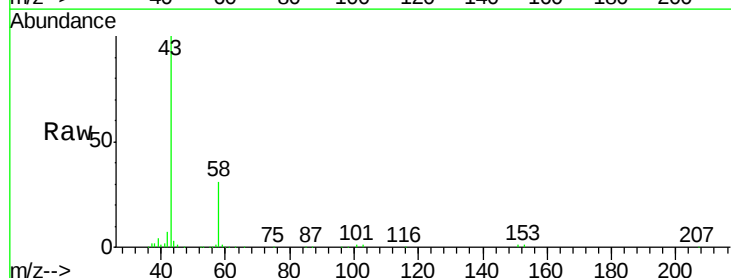
RT: 3.77 min Scan# 622

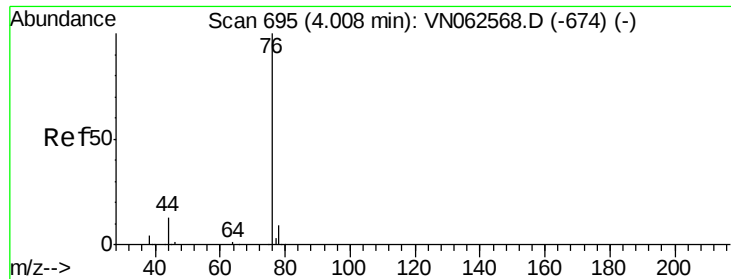
Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion:	43	Resp:	345877
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.6	37.0





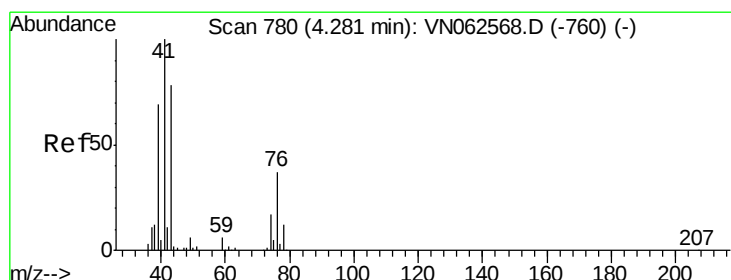
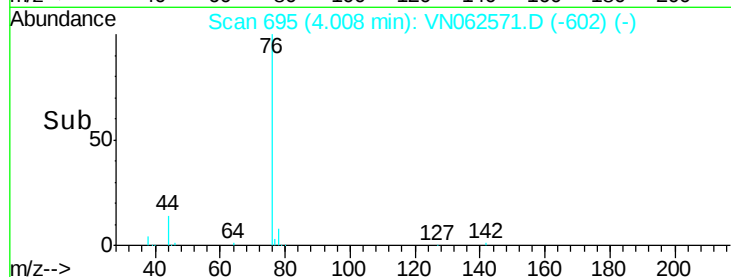
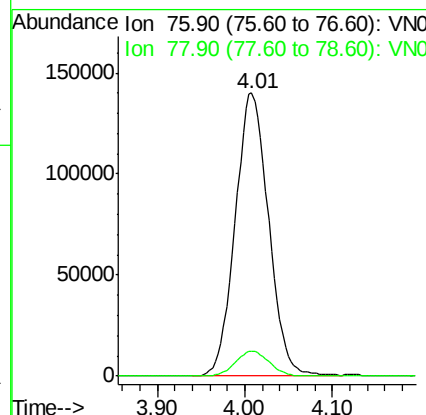
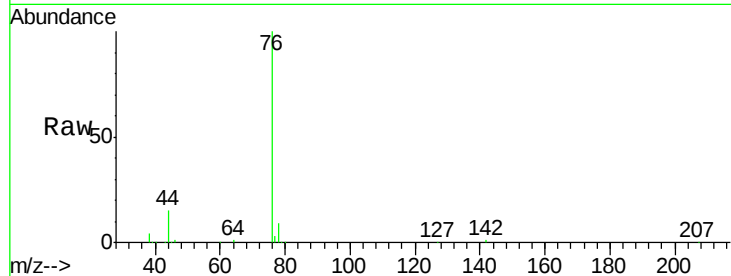
#17
Carbon Disulfide
Concen: 47.844 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

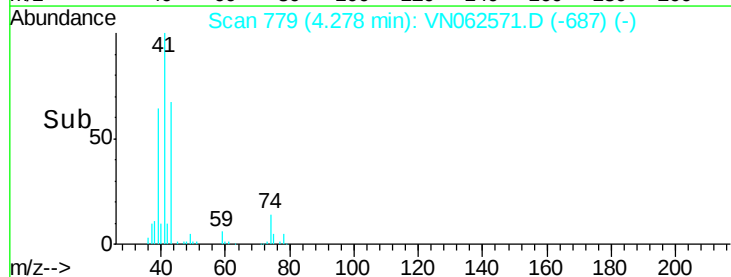
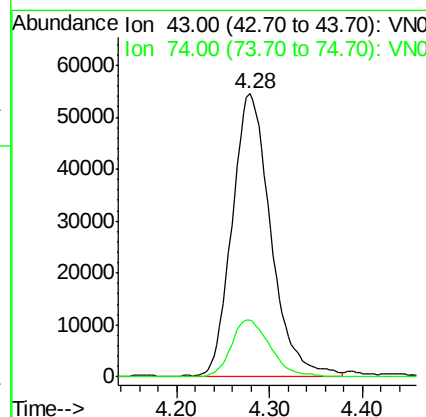
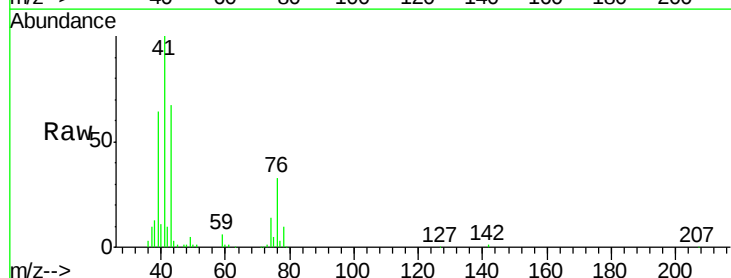
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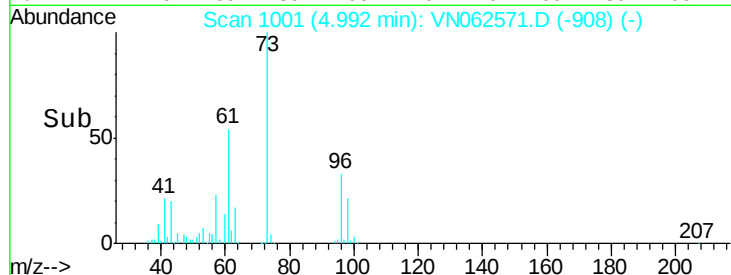
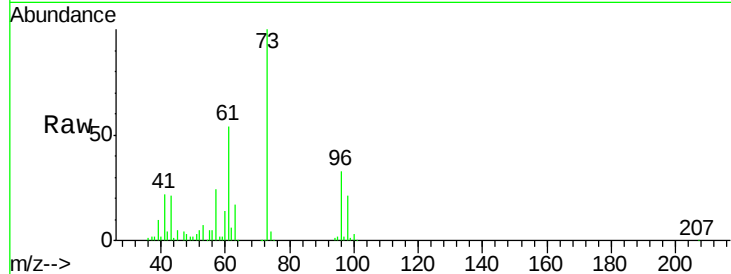
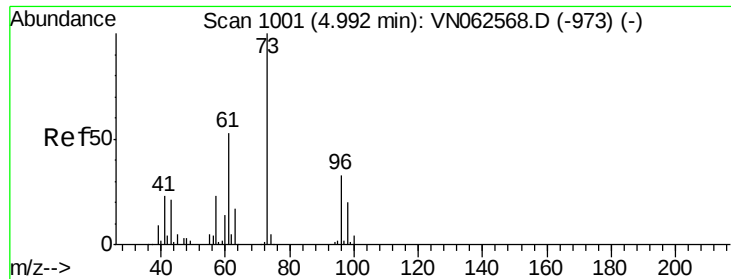
MMDadoda
7/22/2020 2:45:44 PM



#18
Methyl Acetate
Concen: 47.885 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	16.6	24.8





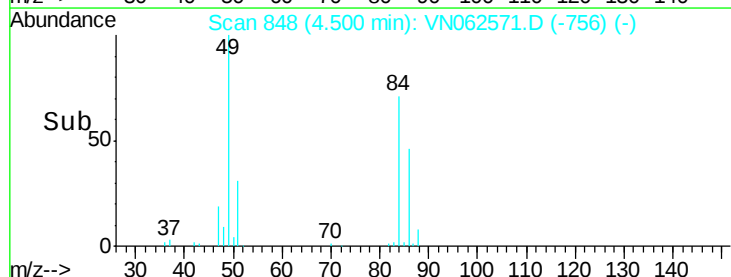
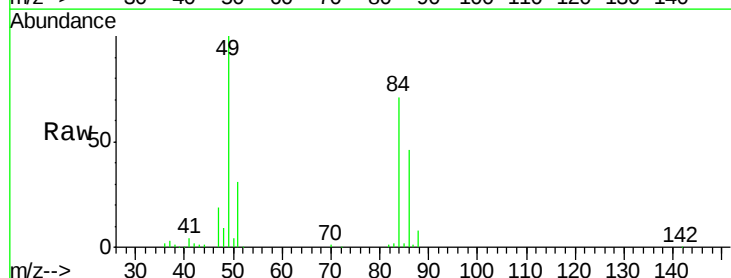
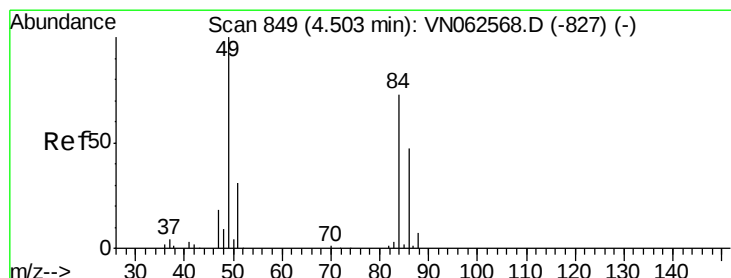
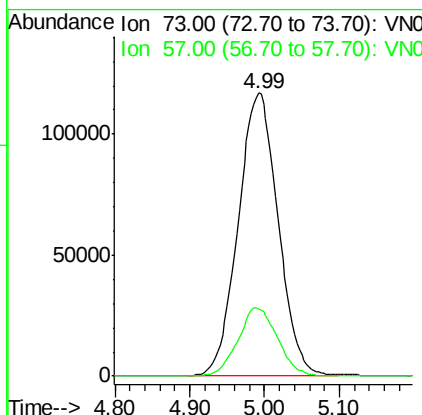
#19
Methvl tert-butvl Ether
Concen: 49.920 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tot Ion: 73 Resp: 434788
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

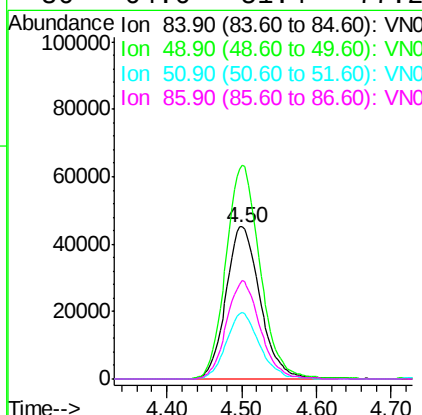
Manual Integrations
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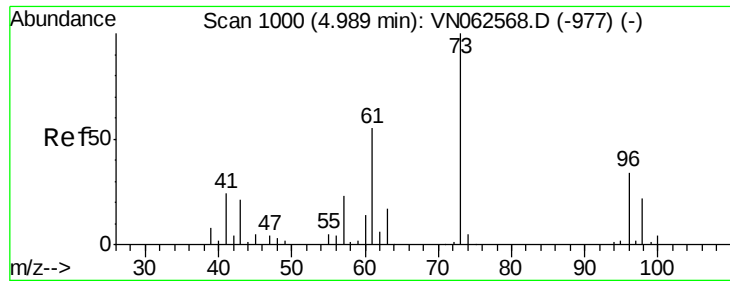
MMDadoda
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#20
Methylene Chloride
Concen: 46.353 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 84 Resp: 143629
Ion Ratio Lower Upper
84 100
49 140.6 109.4 164.0
51 43.8 33.6 50.4
86 64.6 51.4 77.2





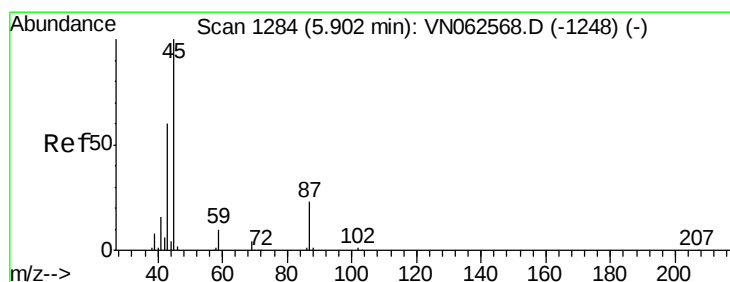
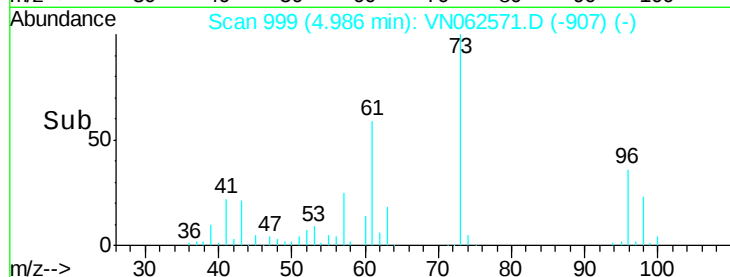
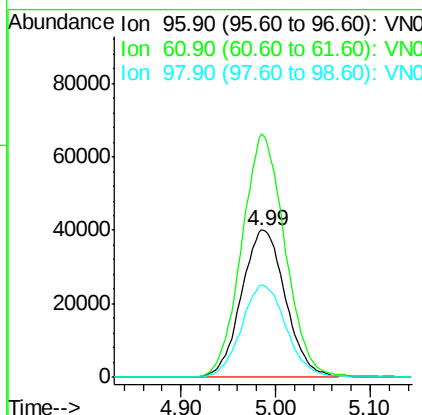
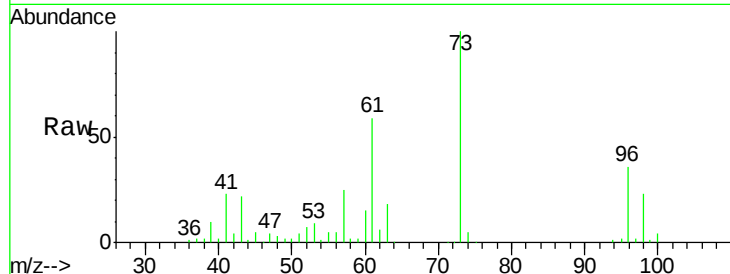
#21
trans-1,2-Dichloroethene
Concen: 49.424 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.5	128.6	192.8
98	63.2	50.6	76.0

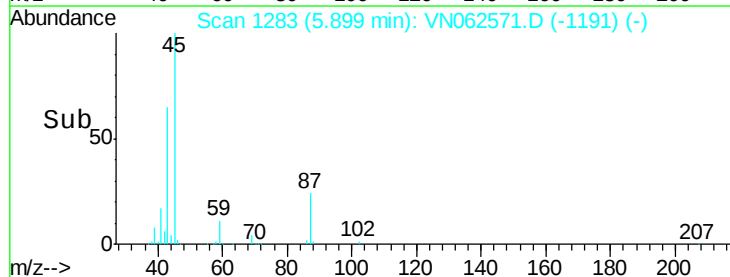
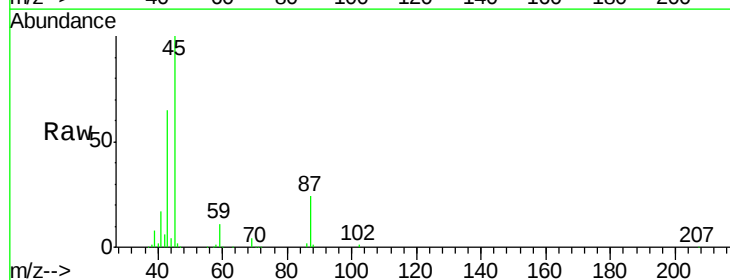
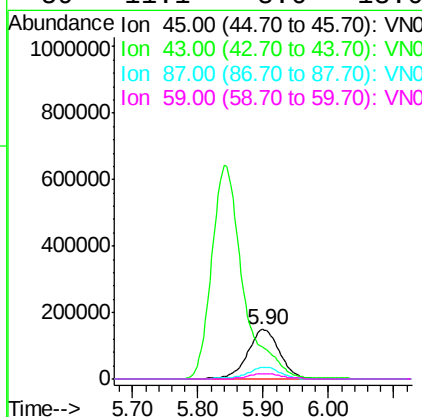
Manual Integrations
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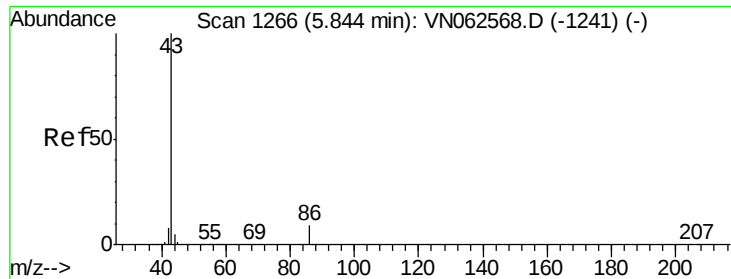
MMDadoda
7/22/2020 2:45:44 PM



#22
Diisopropyl ether
Concen: 50.085 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.1	48.7	73.1
87	24.2	19.0	28.6
59	11.1	8.6	13.0





#23

Vinyl Acetate

Concen: 258.980 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

Tot Ion: 43 Resp: 2159116

Ion Ratio Lower Upper

43 100

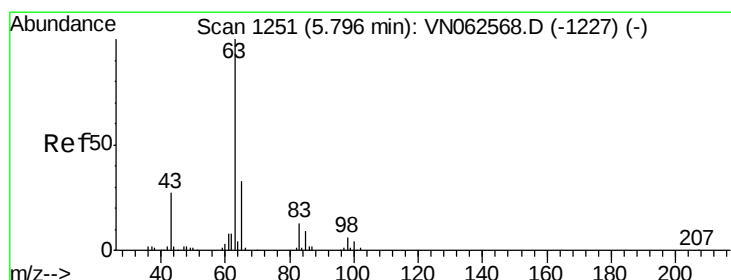
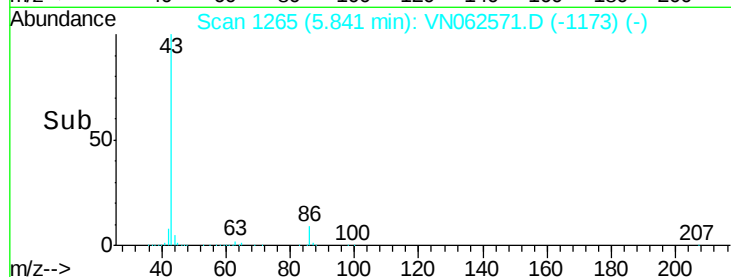
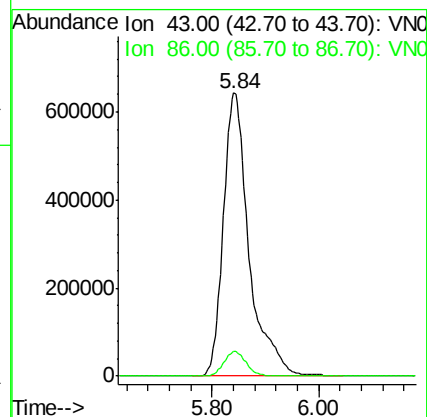
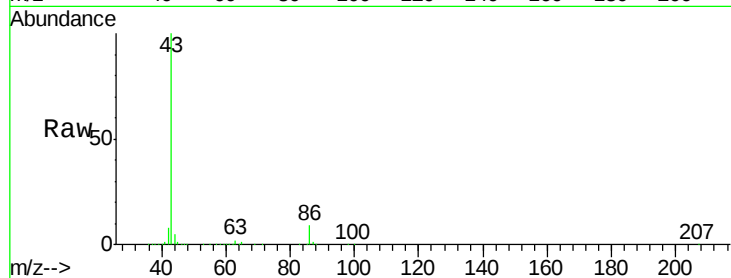
86 8.6 6.9 10.3

Manual Integrations

APPROVED

MMDadoda

7/22/2020 2:45:44 PM



#24

1,1-Dichloroethane

Concen: 49.507 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

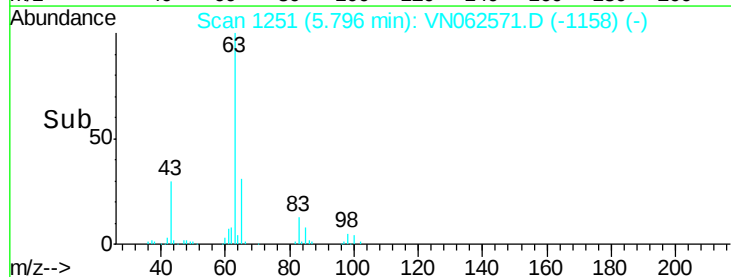
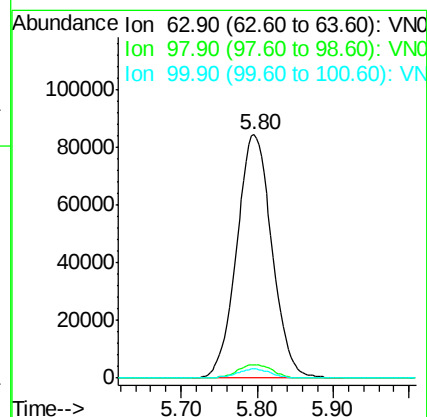
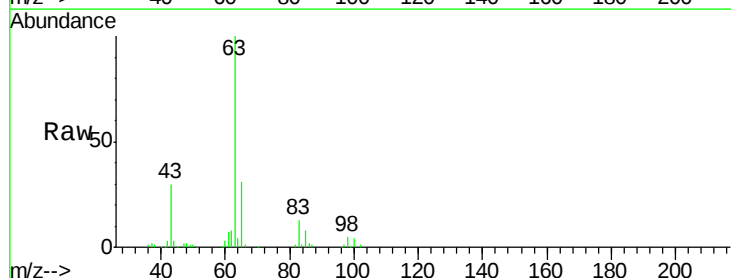
Tgt Ion: 63 Resp: 271249

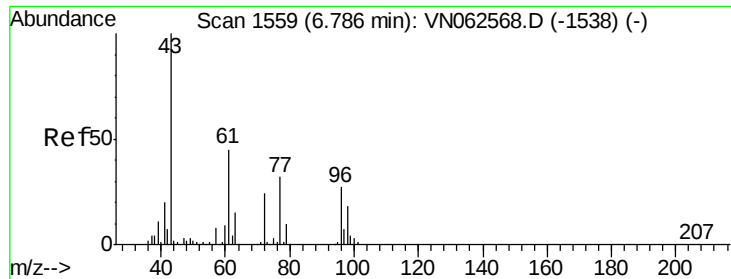
Ion Ratio Lower Upper

63 100

98 5.3 2.9 8.8

100 3.9 1.8 5.4





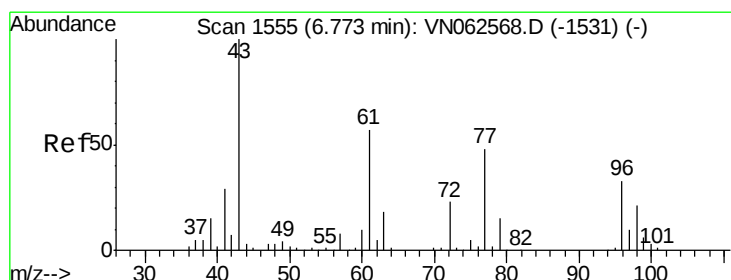
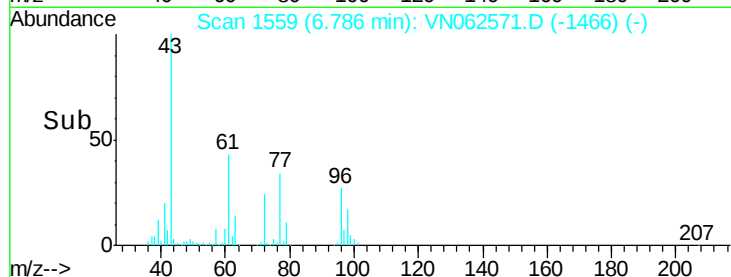
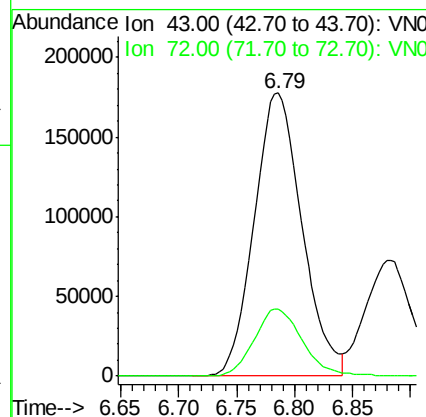
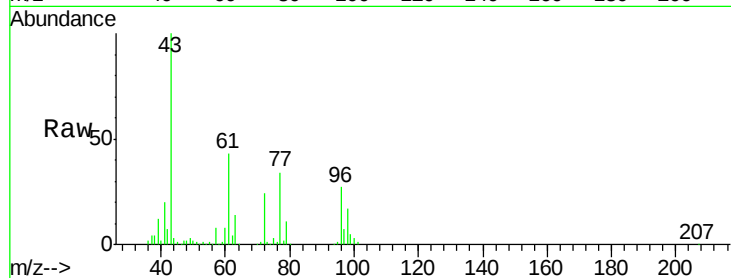
#25
2-Butanone
Concen: 257.904 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion: 43 Resp: 507450
Ion Ratio Lower Upper
43 100
72 23.8 19.0 28.6

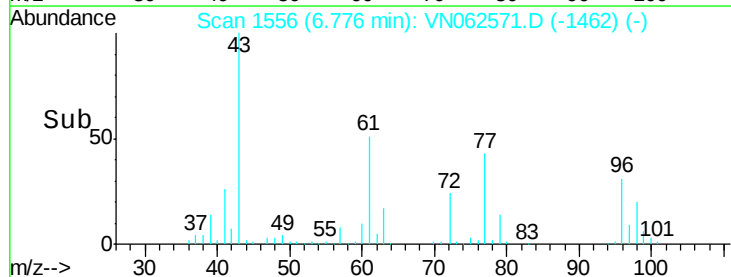
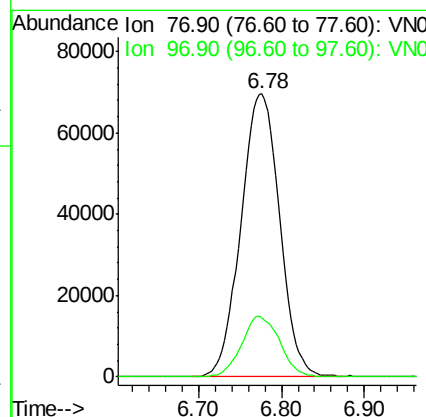
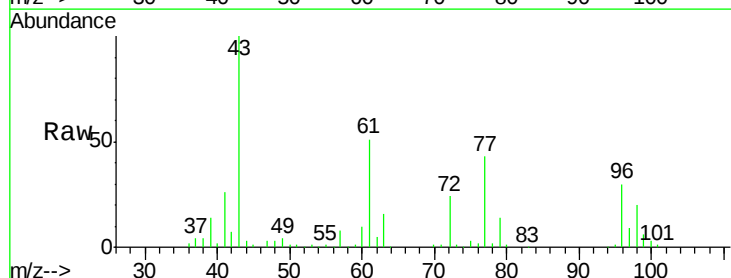
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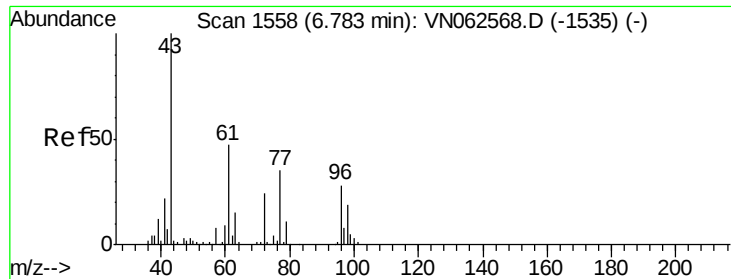
MMDadoda
7/22/2020 2:45:44 PM



#26
2,2-Dichloropropane
Concen: 50.235 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 77 Resp: 225946
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 48.913 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062571.D

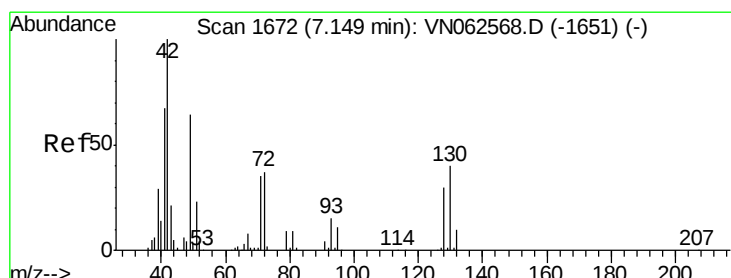
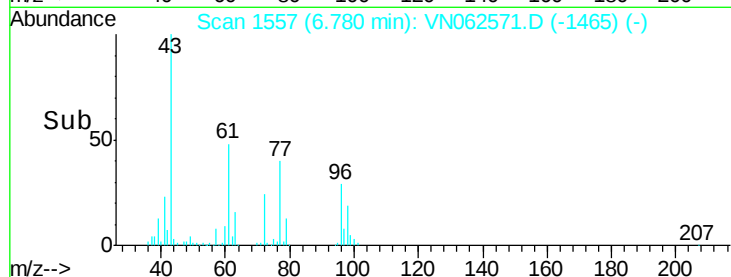
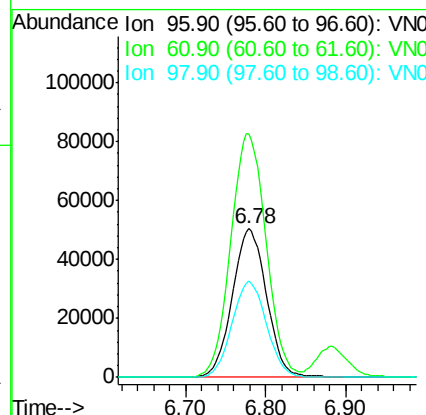
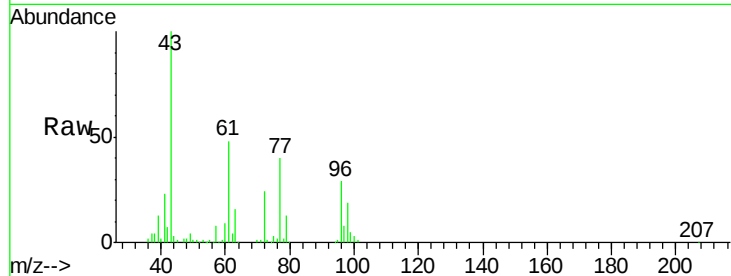
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Resp	Lower	Upper
96	100	146591		
61	169.1	0.0	332.4	
98	65.2	0.0	127.4	

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#28

Bromochloromethane

Concen: 50.061 ug/l

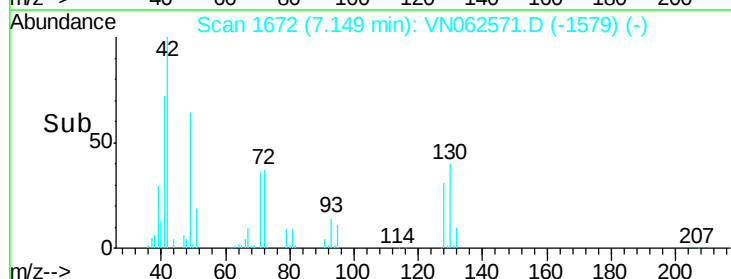
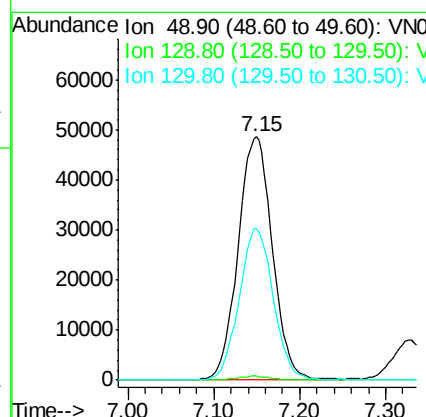
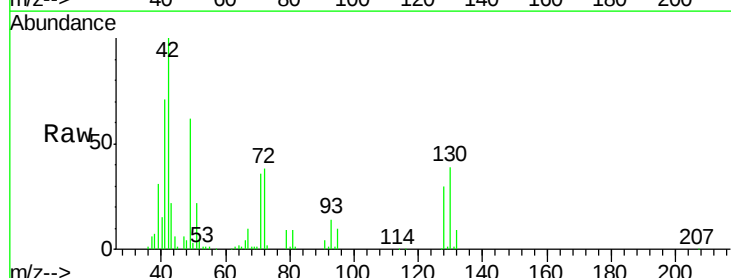
RT: 7.15 min Scan# 1672

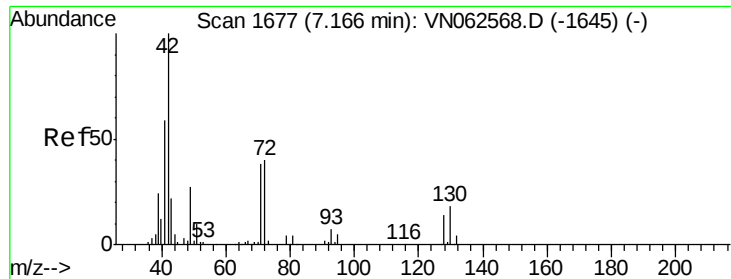
Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134986		
129	1.4	0.0	3.4	
130	61.7	49.8	74.8	





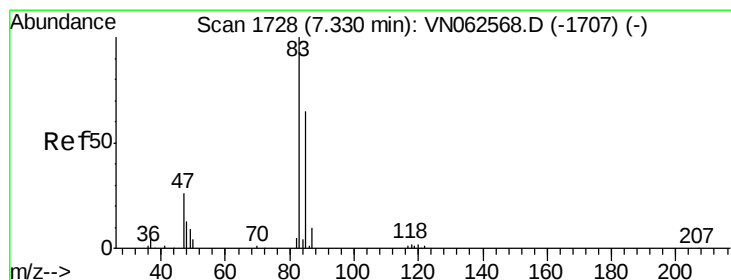
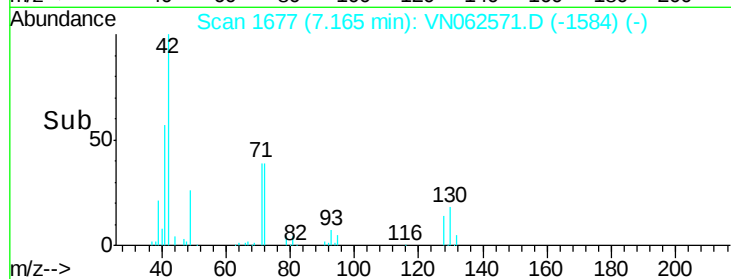
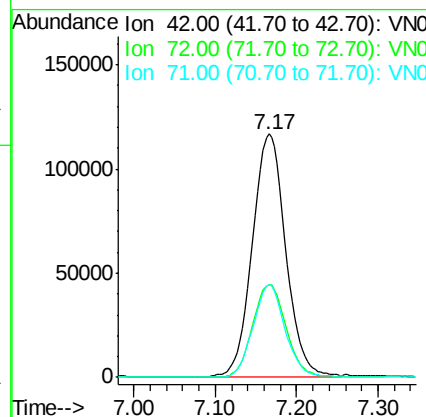
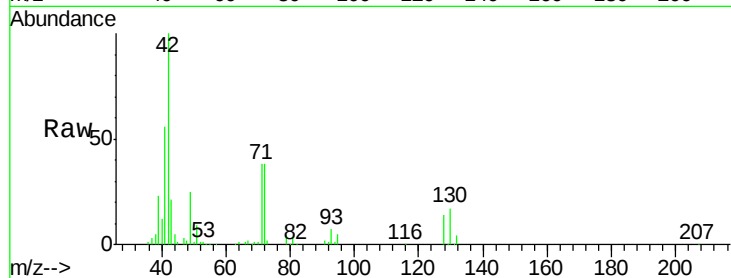
#29
Tetrahydrofuran
Concen: 246.973 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.4	30.7	46.1
71	36.6	29.1	43.7

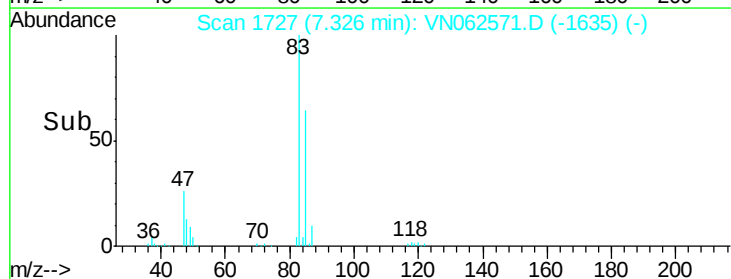
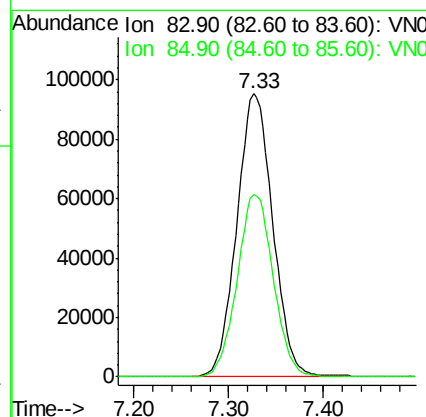
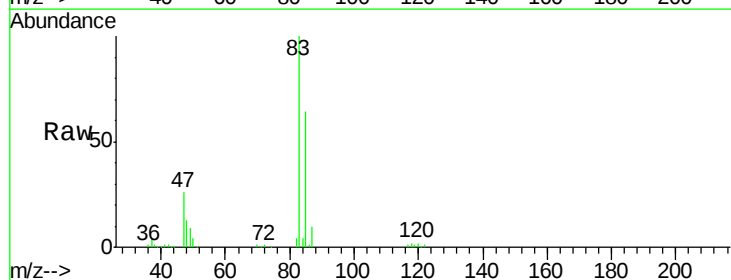
Manual Integrations
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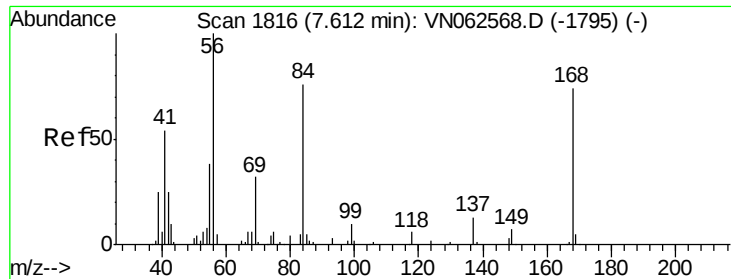
MMDadoda
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#30
Chloroform
Concen: 48.310 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.0	78.0





#31

Cyclohexane

Concen: 48.675 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

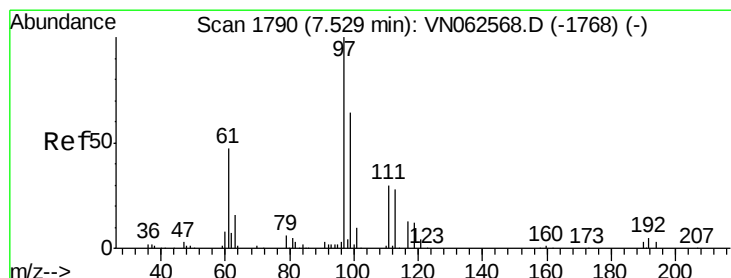
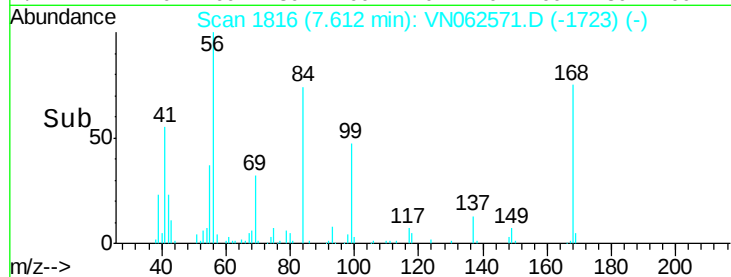
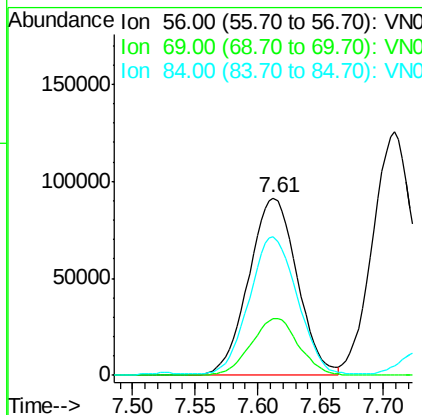
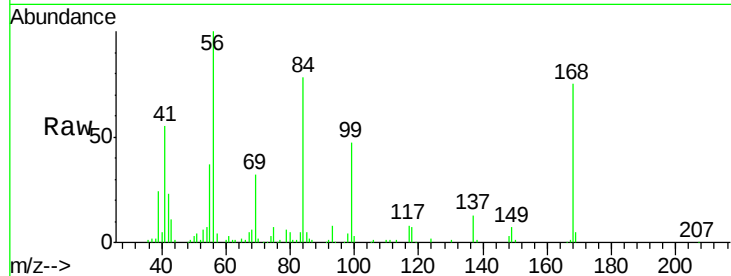
ClientSampleId :

ICVVN072120

Tot Ion:	56	Resp:	246234
Ion Ratio	Lower	Upper	
56	100		
69	31.6	25.3	37.9
84	76.9	61.0	91.4

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#32

1,1,1-Trichloroethane

Concen: 48.985 ug/l

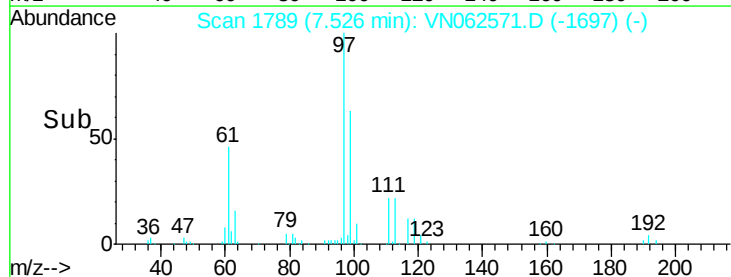
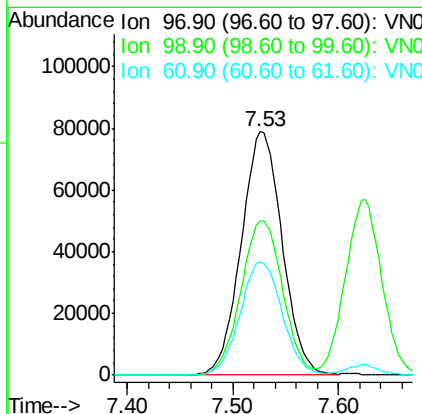
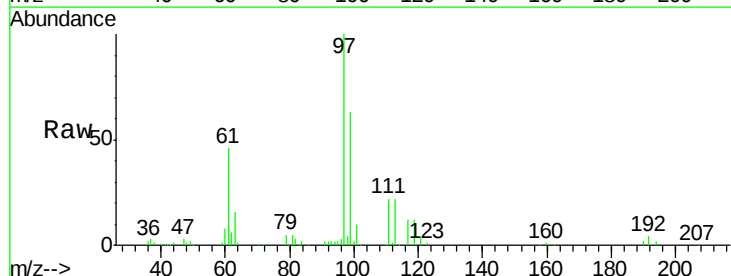
RT: 7.53 min Scan# 1789

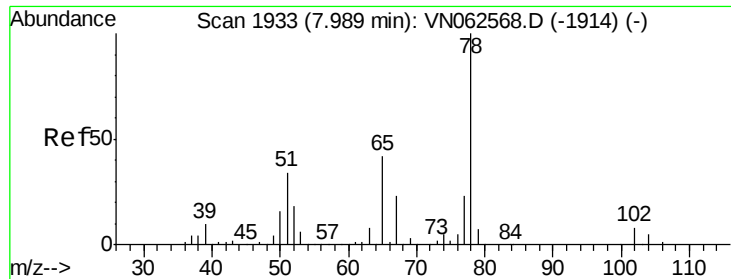
Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion:	97	Resp:	213057
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.2	76.8
61	47.8	38.4	57.6





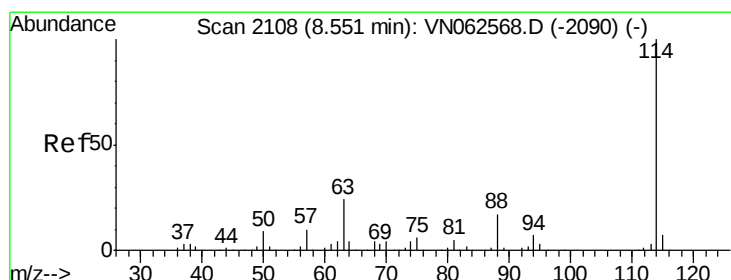
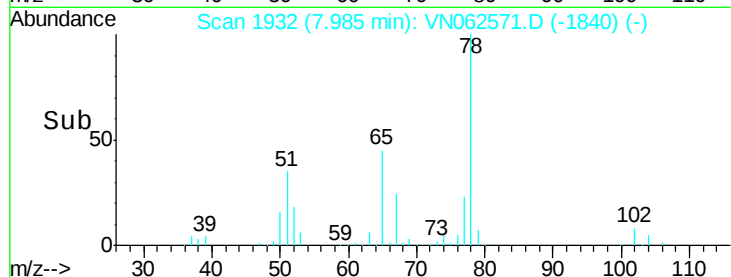
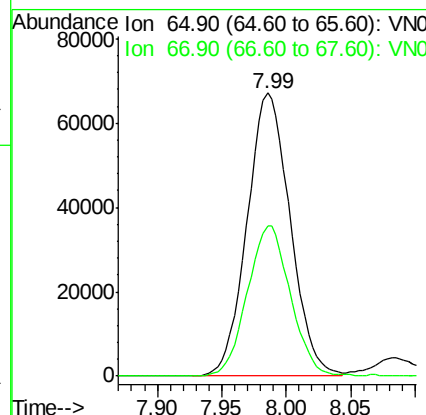
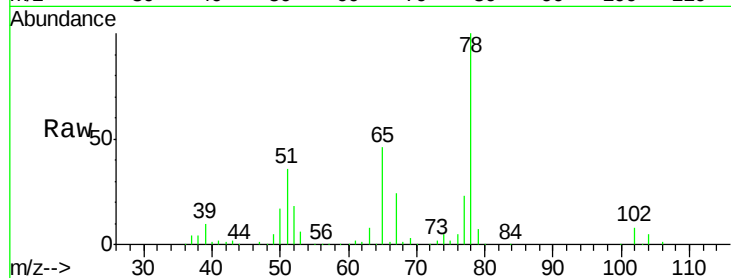
#33
 1,2-Dichloroethane-d4
 Concen: 45.534 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	106.0	

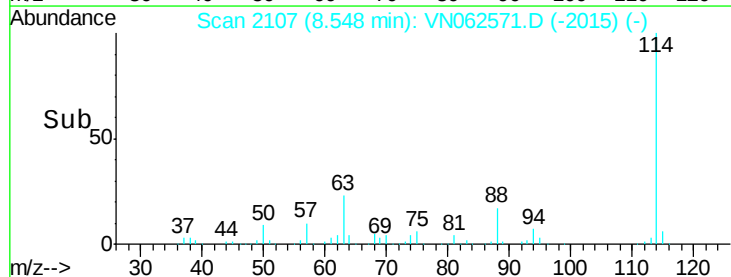
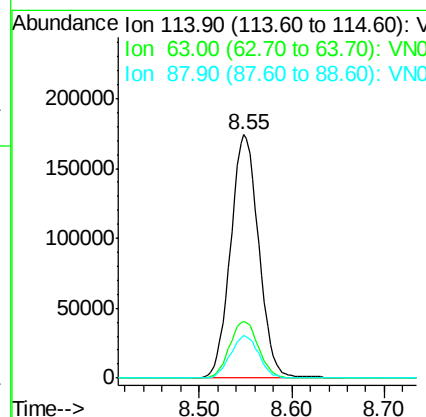
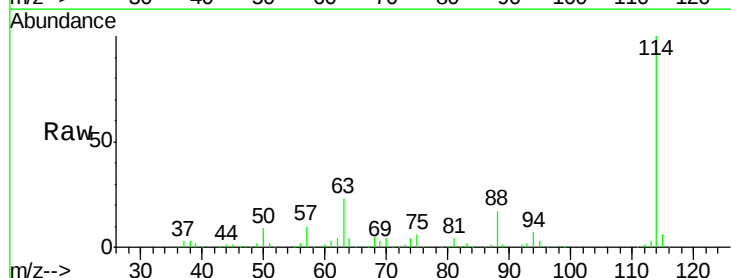
Manual Integrations
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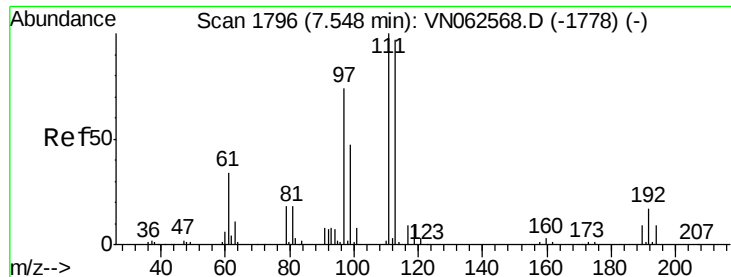
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.3	0.0	48.4	
88	17.3	0.0	33.8	





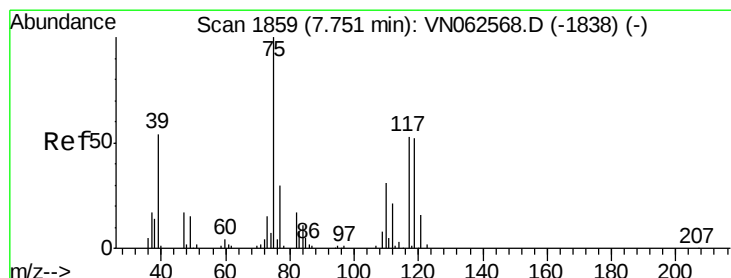
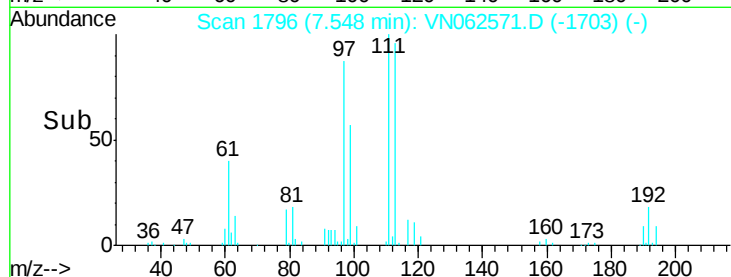
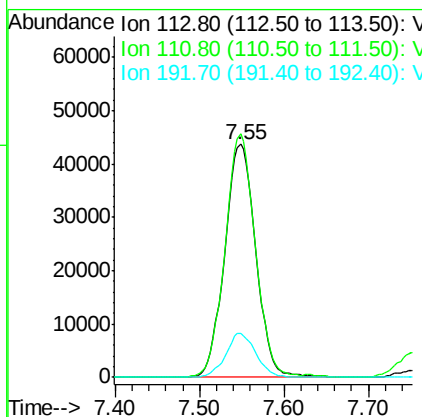
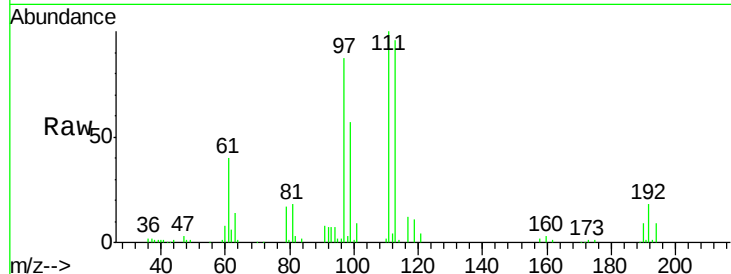
#35
 Dibromofluoromethane
 Concen: 46.684 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112160		
111	101.3	82.7	124.1	
192	18.2	14.8	22.2	

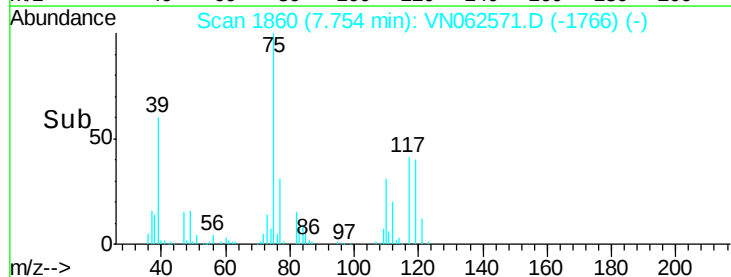
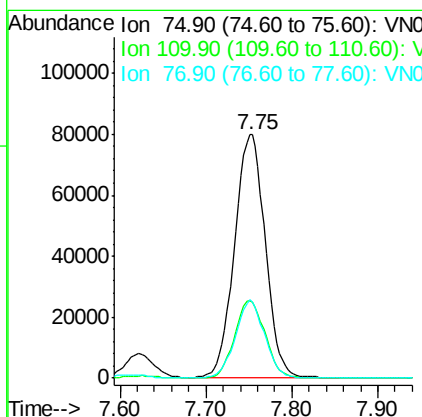
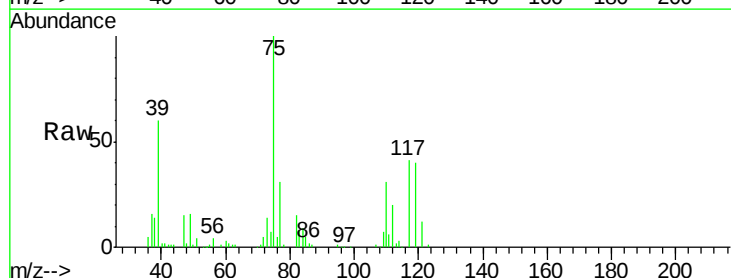
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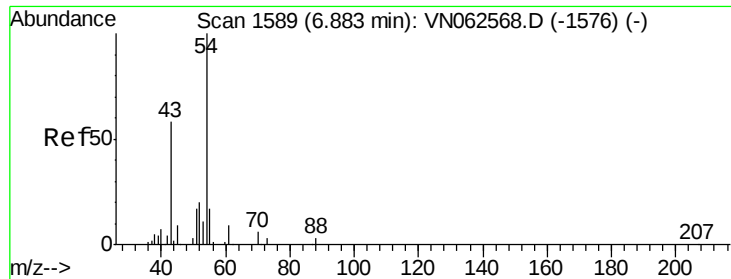
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#36
 1,1-Dichloropropene
 Concen: 50.762 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	197904		
110	31.8	16.0	48.0	
77	30.7	24.6	36.8	





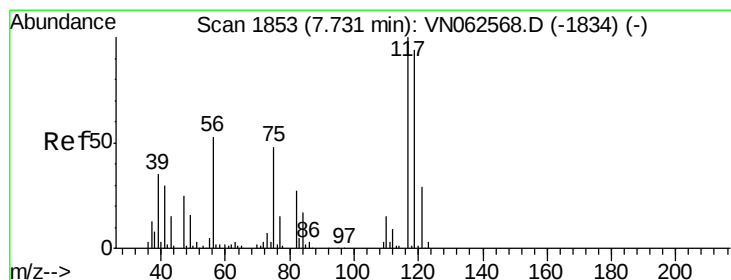
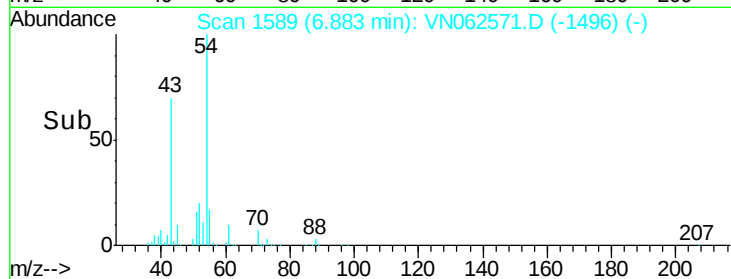
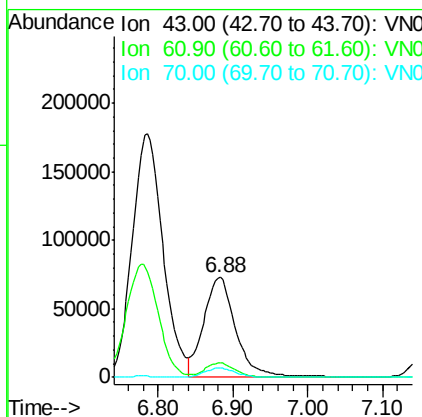
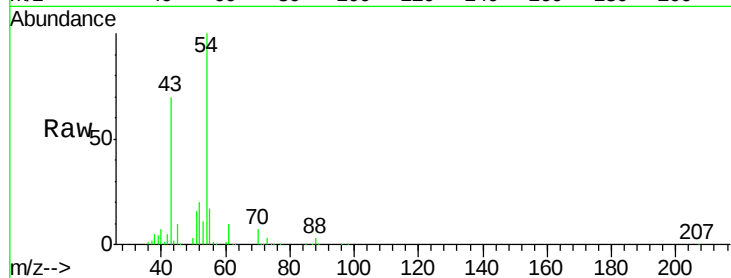
#37
Ethyl Acetate
Concen: 50.782 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	9.2	7.7	11.5

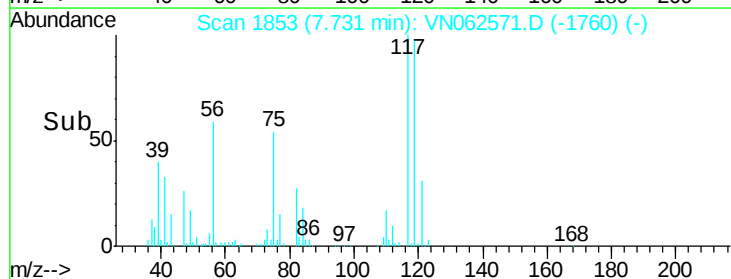
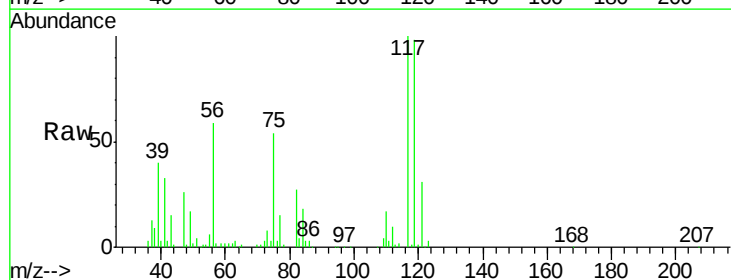
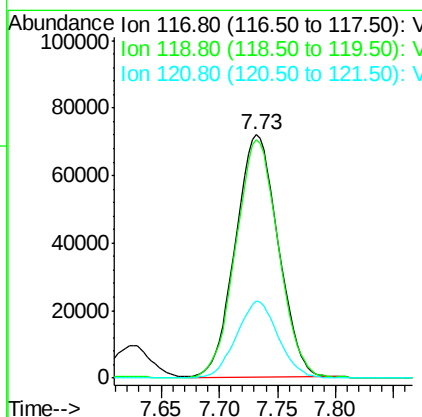
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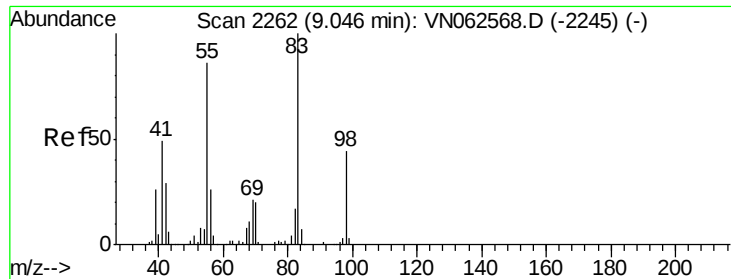
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.233 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	74.8	112.2
121	31.6	23.0	34.6





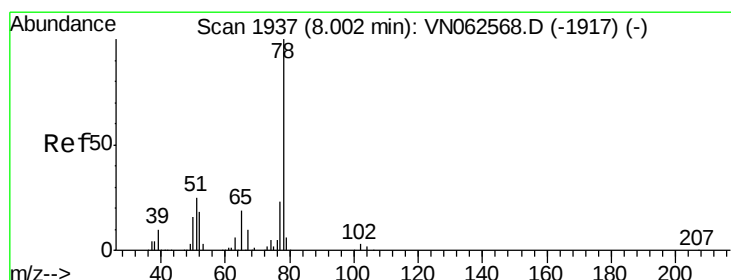
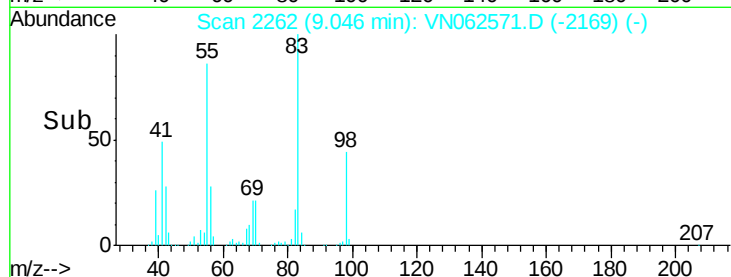
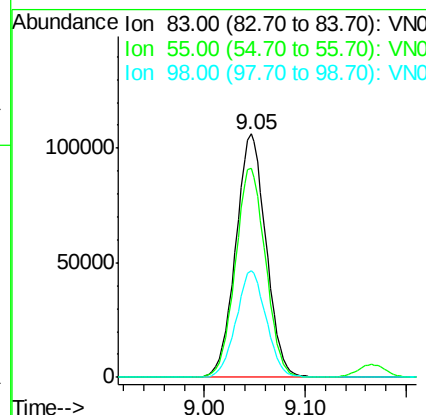
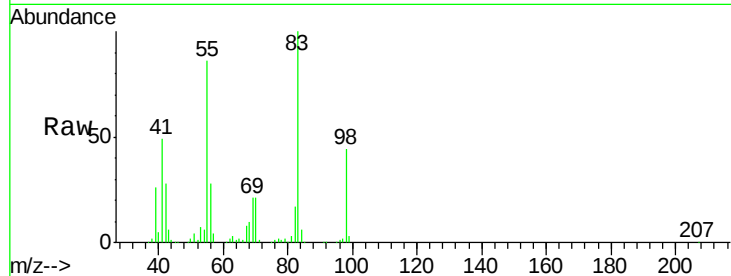
#39
Methvlcvclohexane
Concen: 52.781 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	86.1	68.9	103.3	
98	44.0	35.1	52.7	

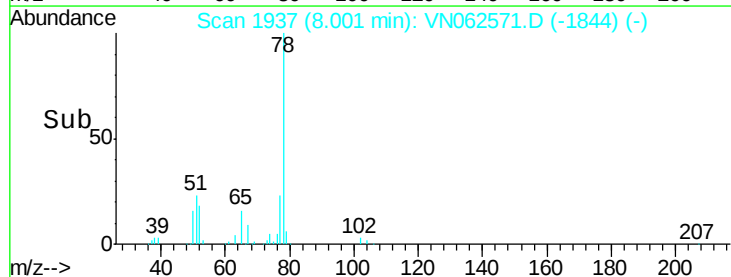
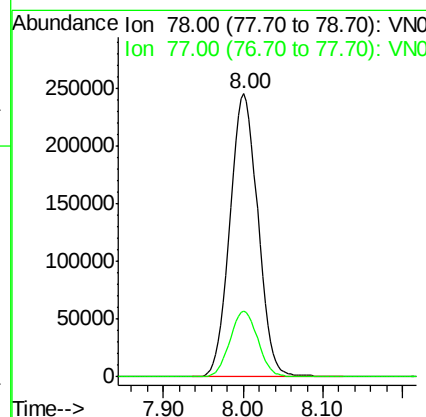
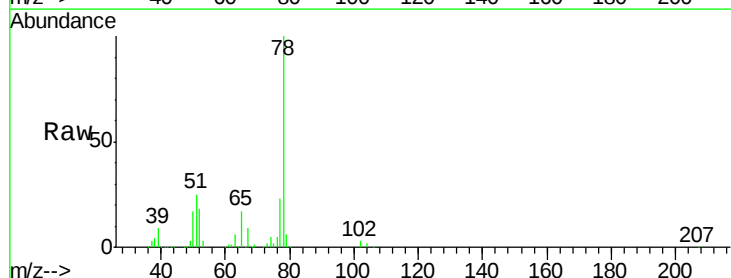
Manual Integrations
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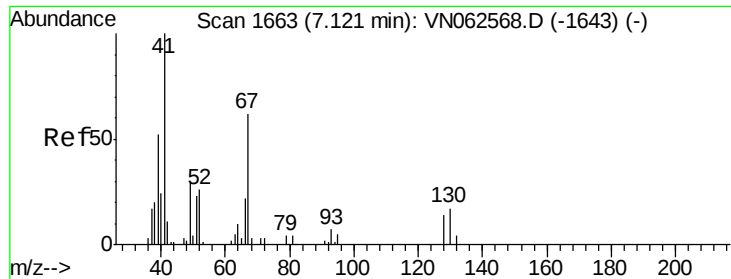
MMDadoda
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#40
Benzene
Concen: 49.554 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.2	18.7	28.1	





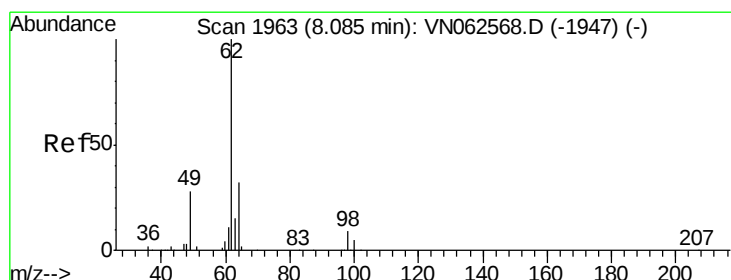
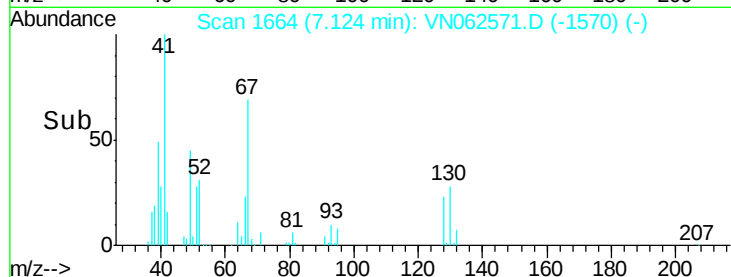
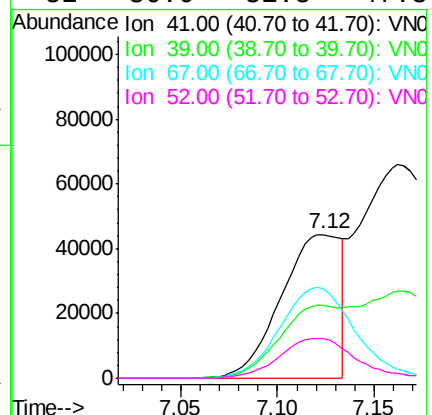
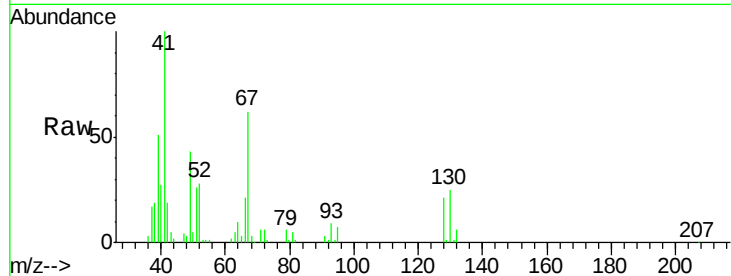
#41
Methacrylonitrile
Concen: 53.244 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.6	55.8	83.6#
67	79.7	72.5	108.7
52	36.0	31.8	47.8

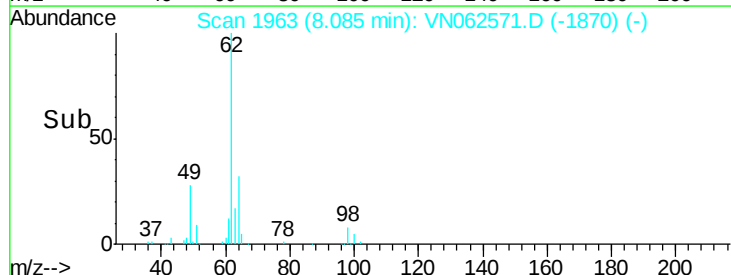
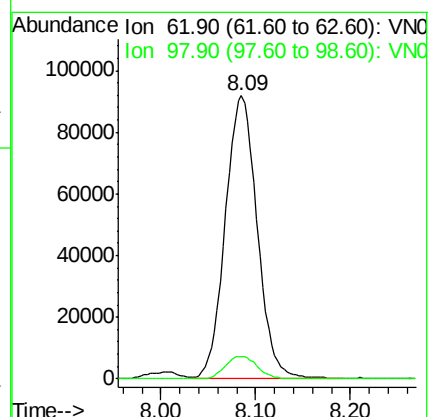
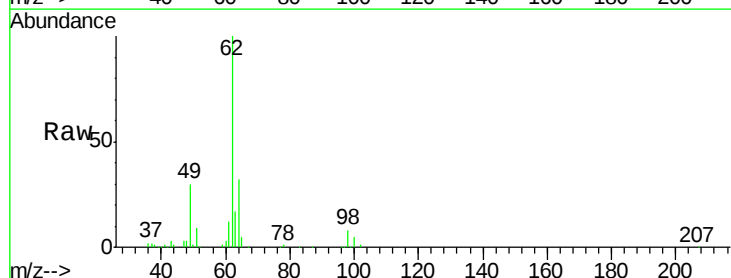
Manual Integrations
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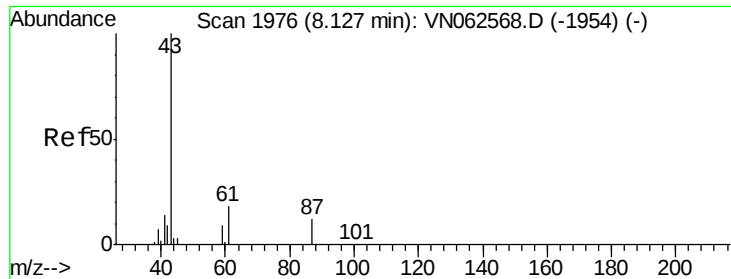
MMDadoda
7/22/2020 2:45:44 PM



#42
1,2-Dichloroethane
Concen: 49.618 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2





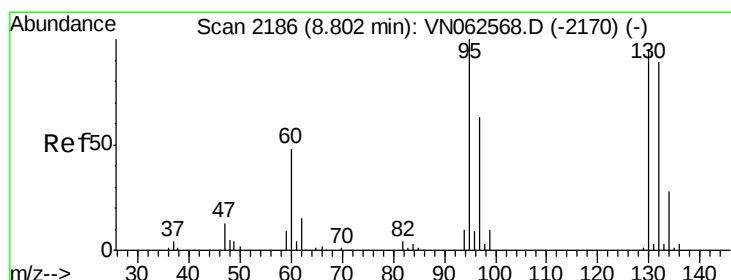
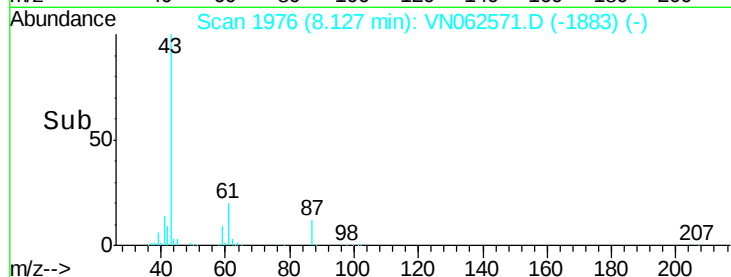
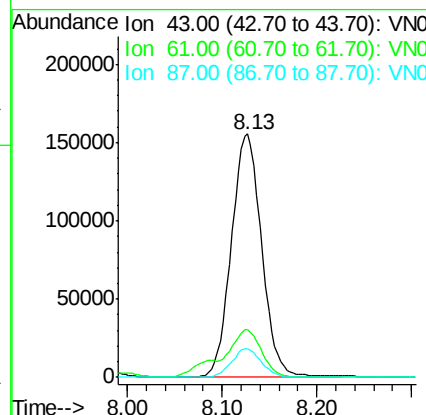
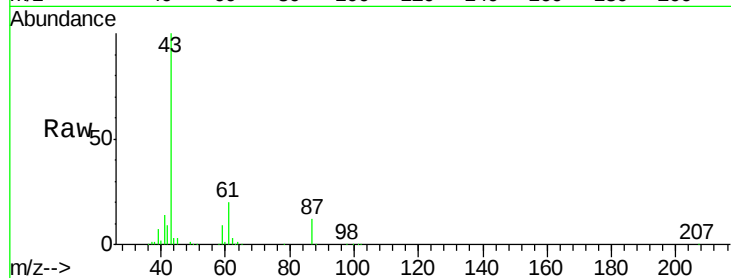
#43
Isopropyl Acetate
Concen: 50.834 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	20.8	31.2#
87	11.5	9.2	13.8

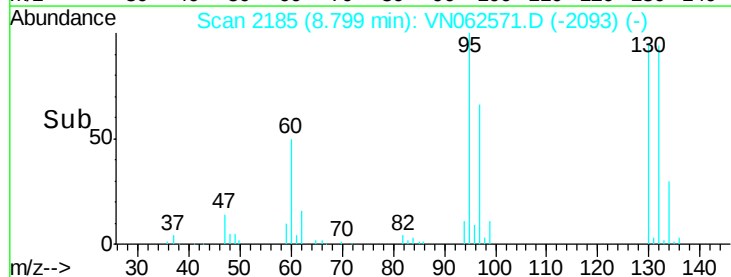
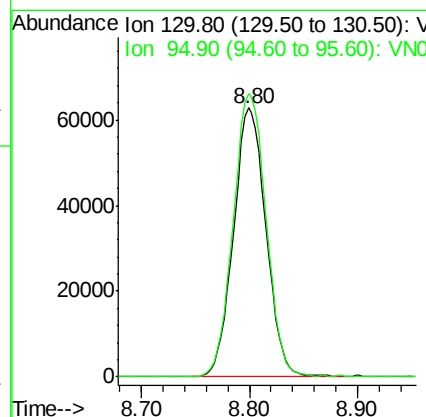
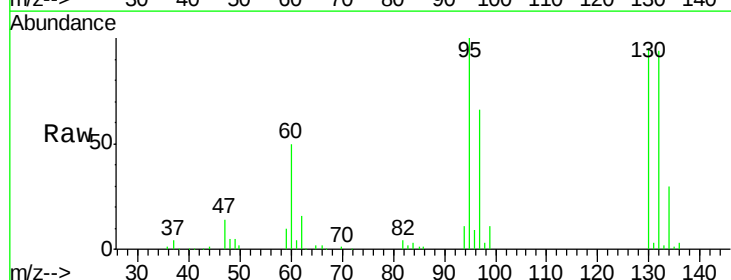
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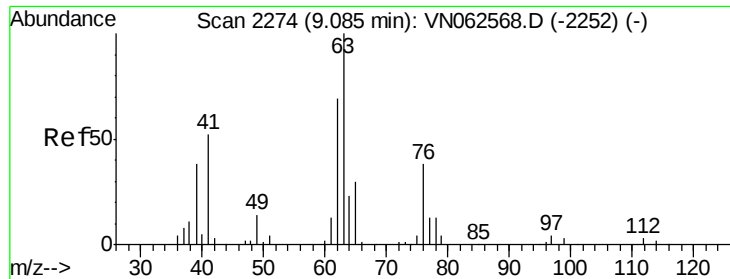
MMDadoda
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#44
Trichloroethene
Concen: 49.572 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	210.4





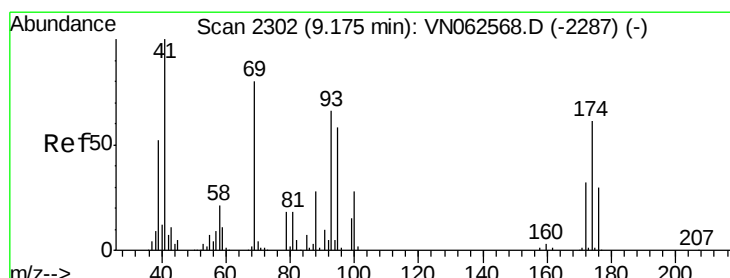
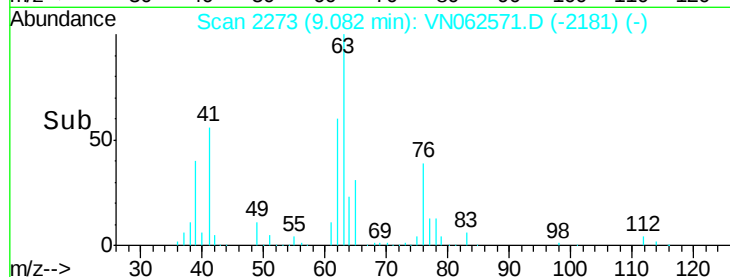
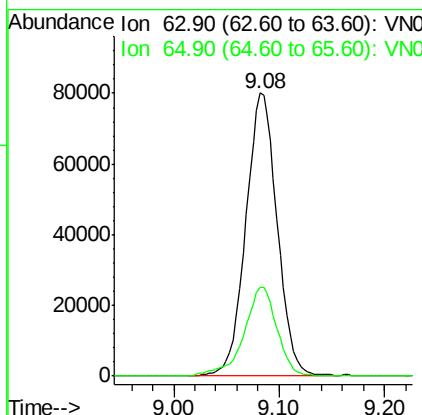
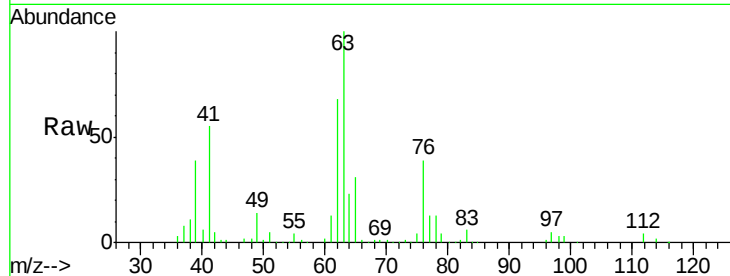
#45
 1,2-Dichloropropane
 Concen: 50.085 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion: 63 Resp: 165978
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.4 36.6

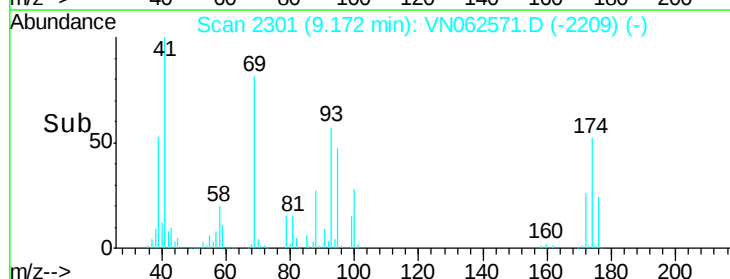
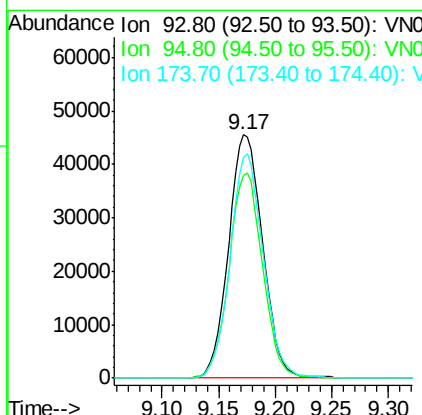
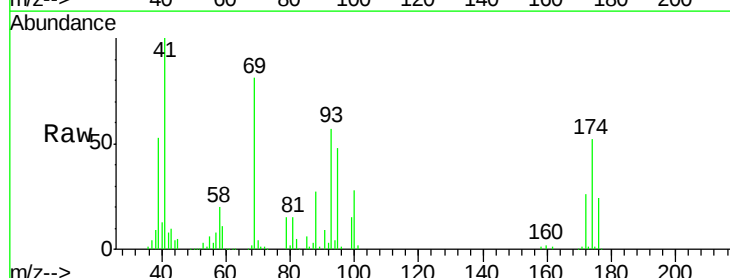
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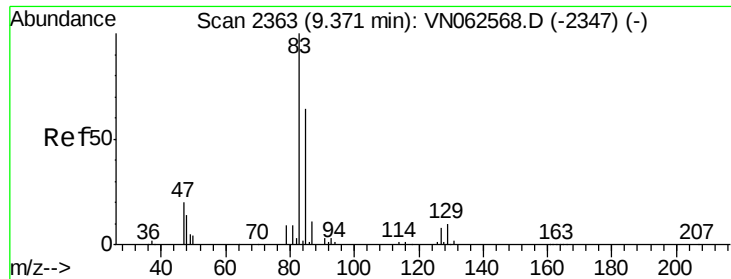
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#46
 Dibromomethane
 Concen: 49.821 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion: 93 Resp: 95426
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.6 101.4
 174 90.0 72.5 108.7





#47

Bromodichloromethane

Concen: 50.085 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

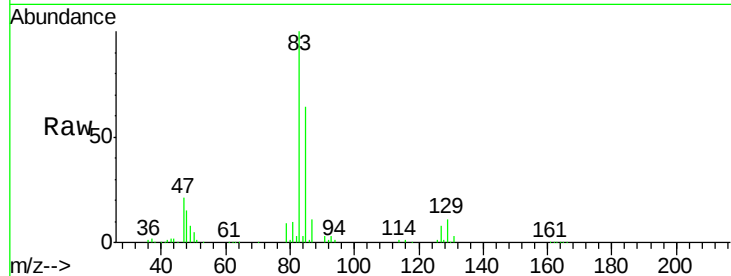
ClientSampleId :

ICVVN072120

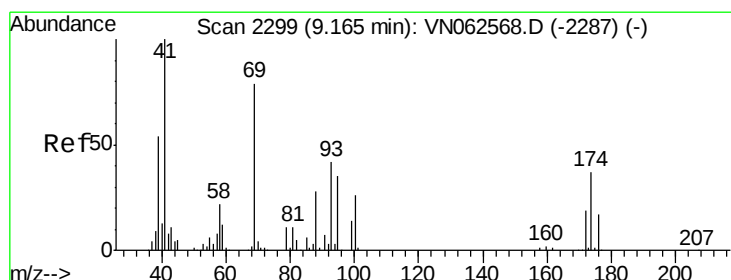
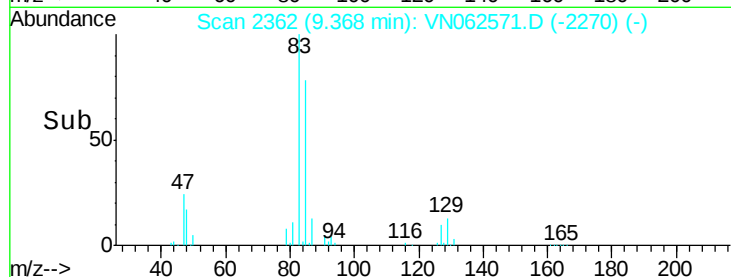
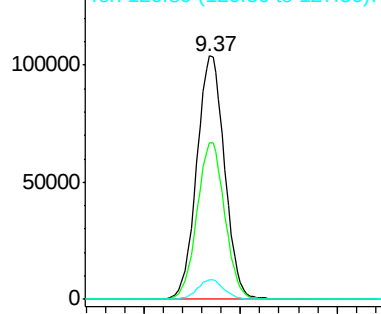
Tot Ion:	83	Resp:	207831
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.6	77.4
127	7.9	6.2	9.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-2347) (-)



#48

Methyl methacrylate

Concen: 51.042 ug/l

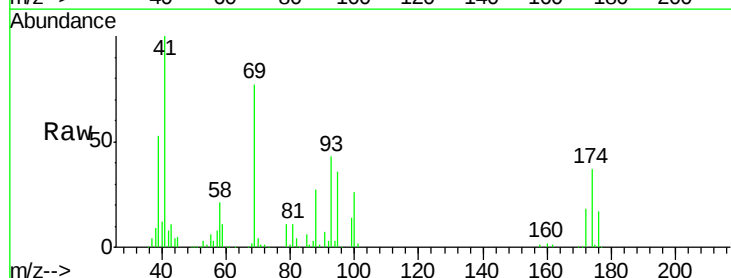
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

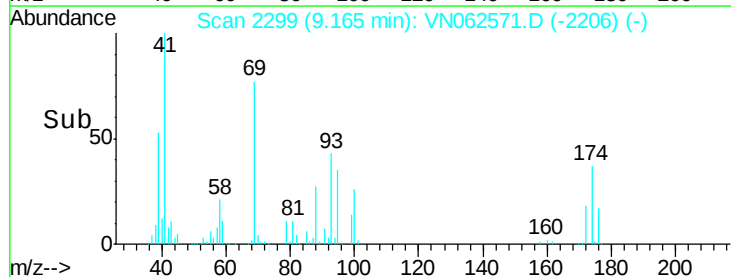
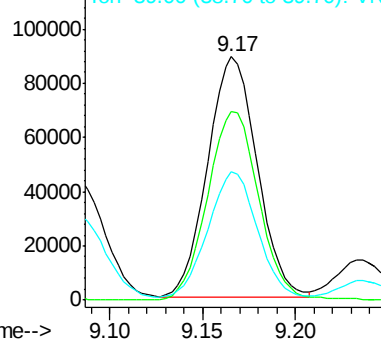
Lab File: VN062571.D

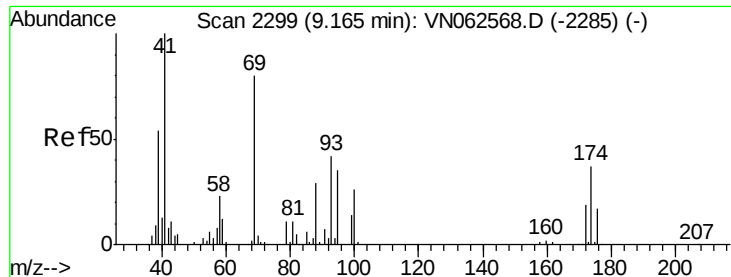
Acq: 21 Jul 2020 14:26

Tgt Ion:	41	Resp:	164382
Ion	Ratio	Lower	Upper
41	100		
69	81.5	64.4	96.6
39	54.2	43.5	65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-2287) (-)





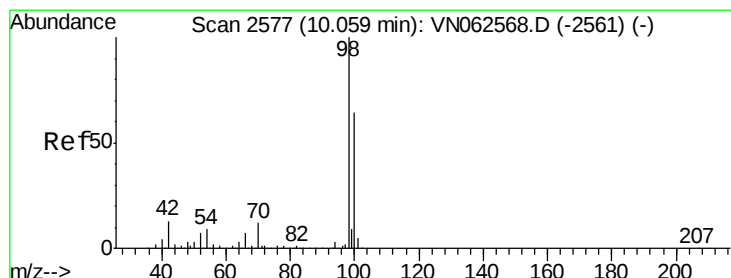
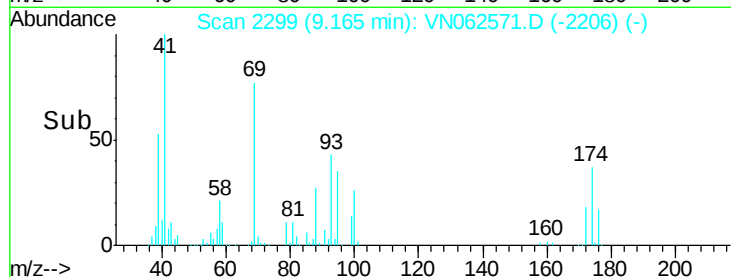
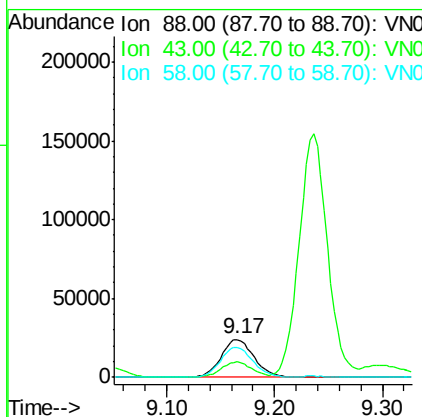
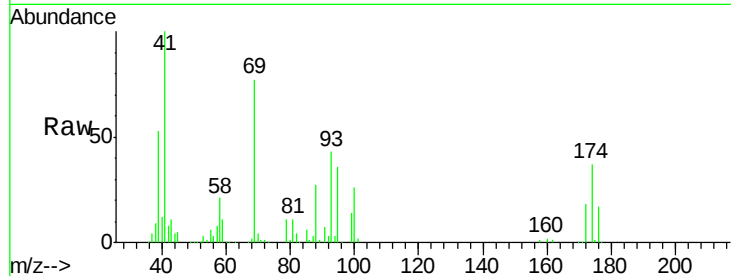
#49
1,4-Dioxane
Concen: 1036.303 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	88	Resp	51259
Ion	Ratio	Lower	Upper
88	100		
43	38.7	32.0	48.0
58	77.7	62.8	94.2

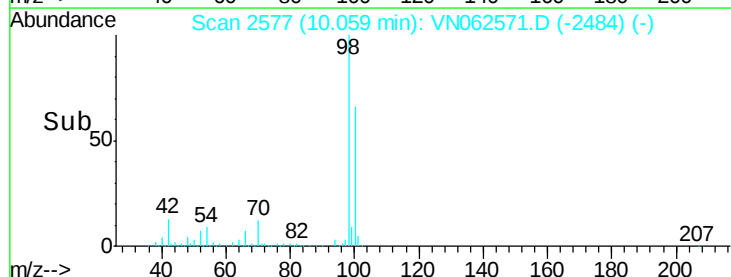
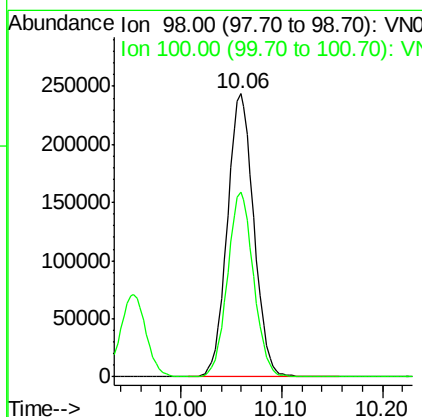
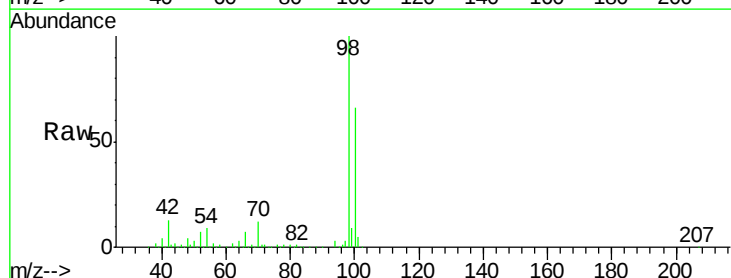
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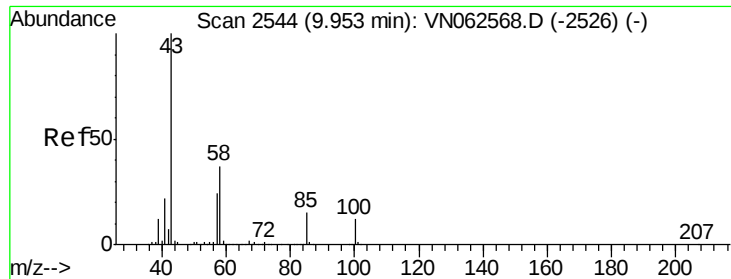
MMDadoda
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#50
Toluene-d8
Concen: 46.626 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	98	Resp	446952
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 255.429 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

Tot Ion: 43 Resp: 1035417

Ion Ratio Lower Upper

43 100

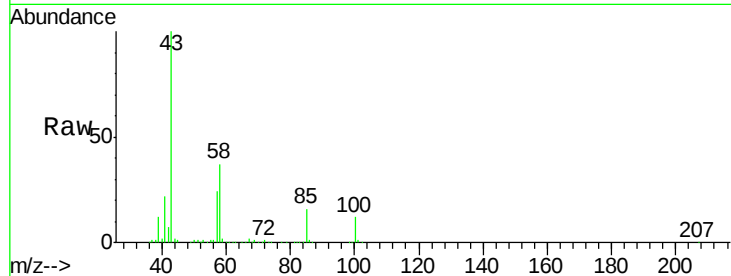
58 37.5 29.8 44.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

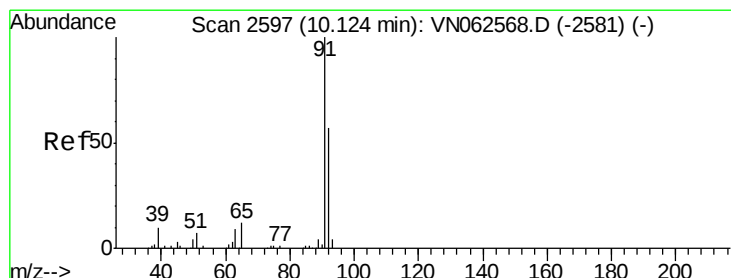
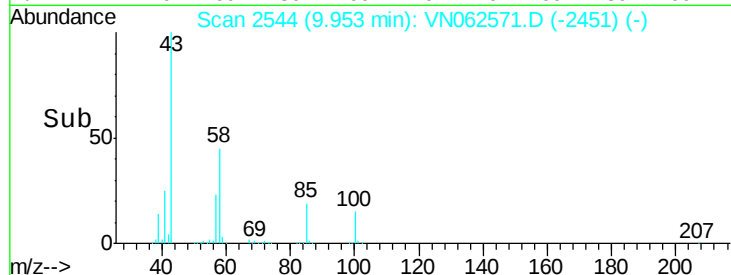
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 50.991 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062571.D

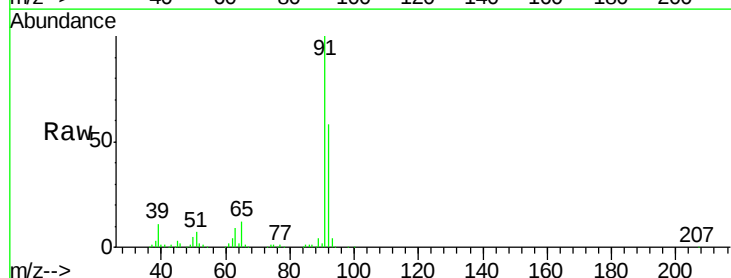
Acq: 21 Jul 2020 14:26

Tgt Ion: 92 Resp: 349475

Ion Ratio Lower Upper

92 100

91 172.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

300000

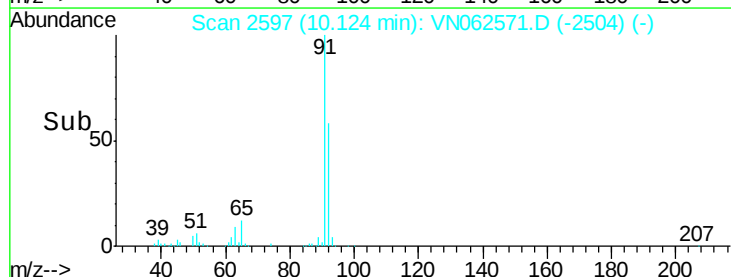
200000

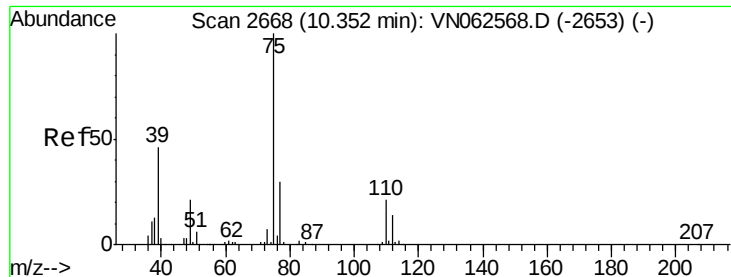
100000

0

10.10 10.12 10.20

Time-->





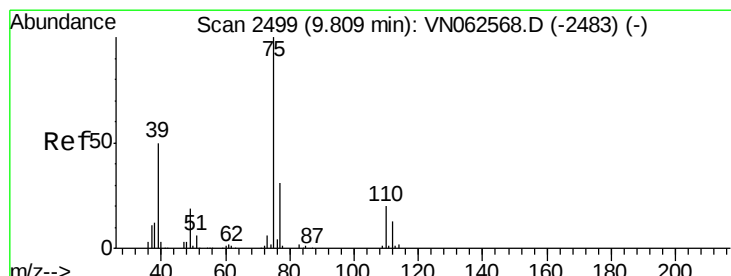
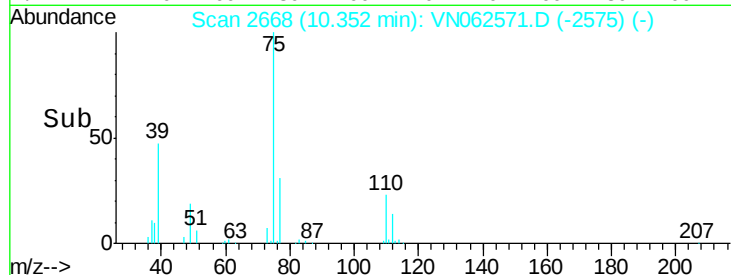
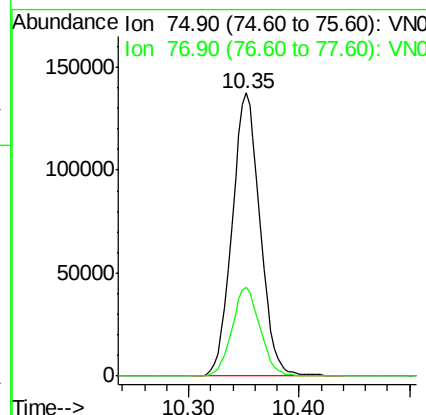
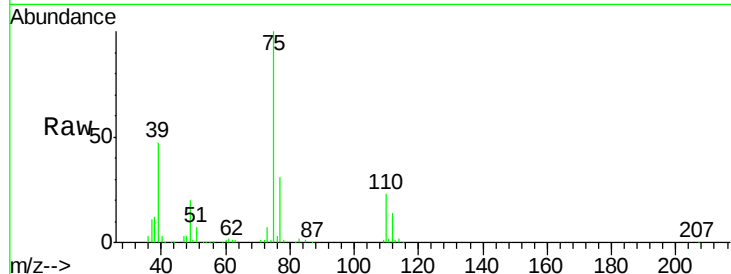
#53
t-1,3-Dichloropropene
Concen: 52.260 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampled :
ICVFN072120

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.3	36.5

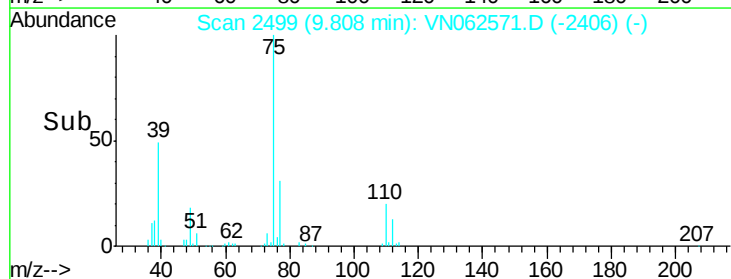
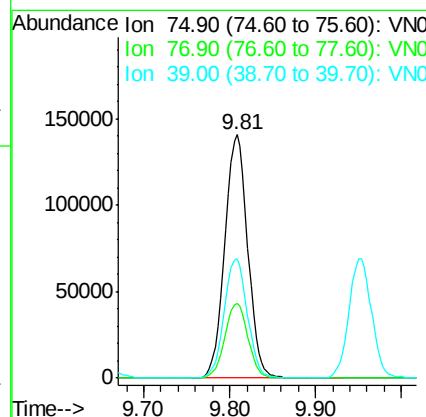
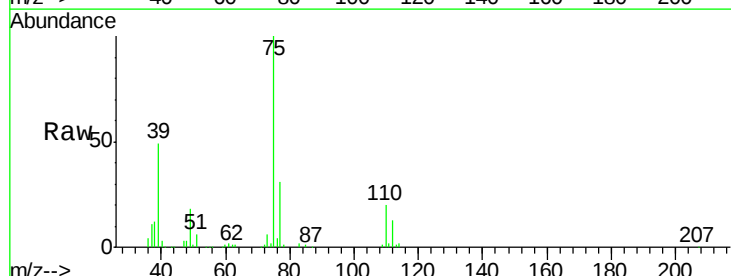
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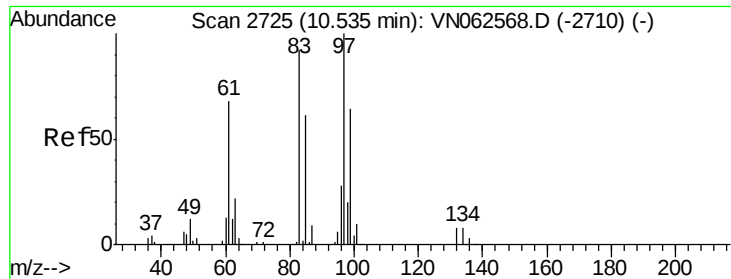
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7/22/2020 2:45:44 PM



#54
cis-1,3-Dichloropropene
Concen: 52.882 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.0	37.6
39	49.2	39.8	59.8





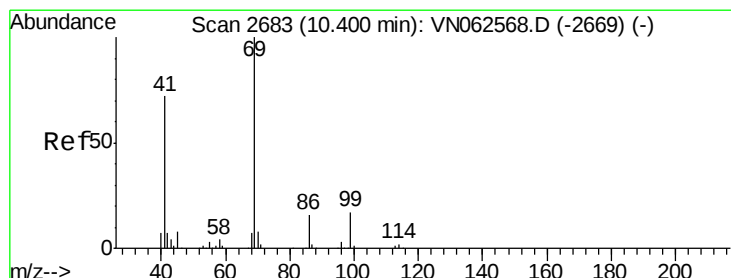
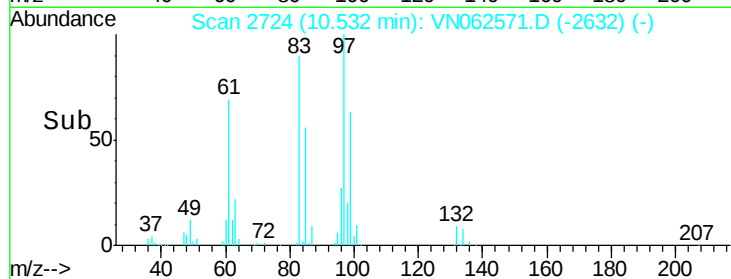
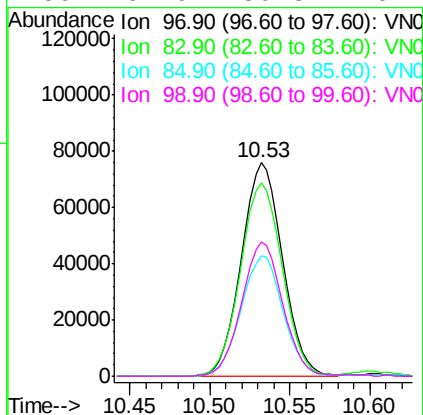
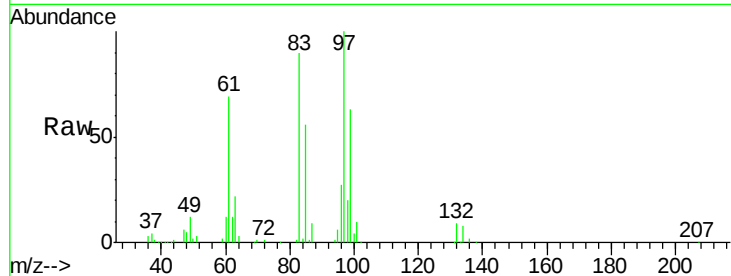
#55
 1,1,2-Trichloroethane
 Concen: 50.205 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN072120

Tot Ion:	97	Resp:	133469
Ion	Ratio	Lower	Upper
97	100		
83	90.4	73.7	110.5
85	56.4	48.5	72.7
99	62.9	50.8	76.2

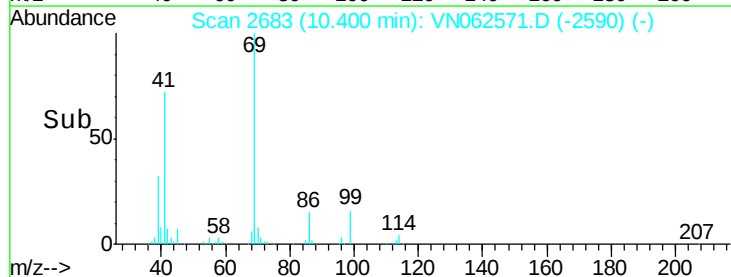
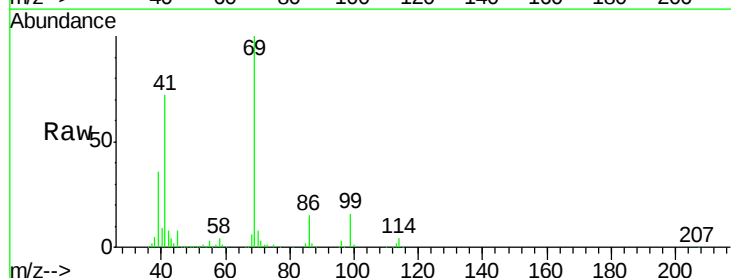
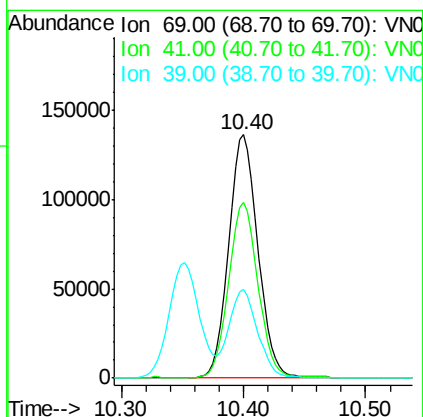
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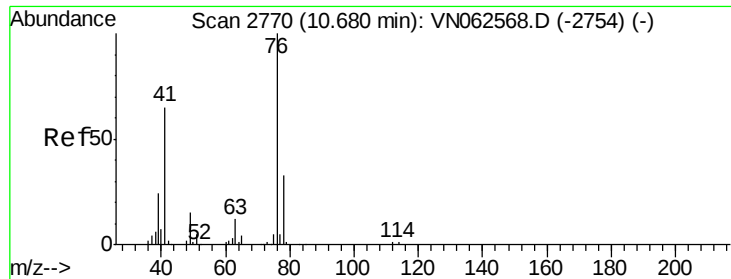
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#56
 Ethyl methacrylate
 Concen: 48.033 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion:	69	Resp:	228943
Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.2	85.8
39	35.2	28.6	43.0





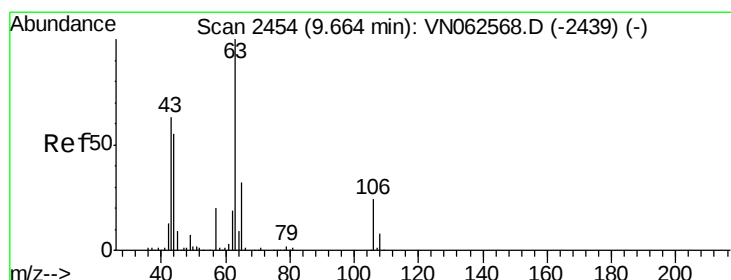
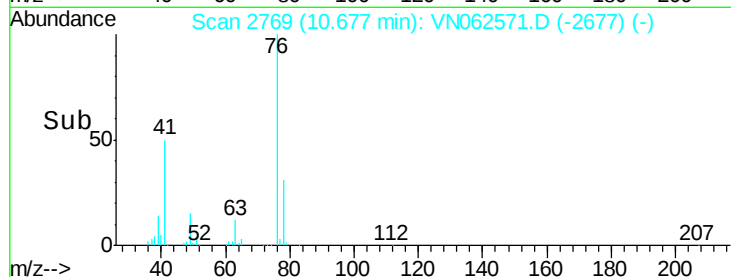
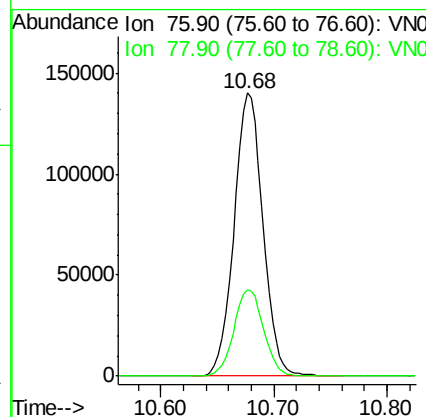
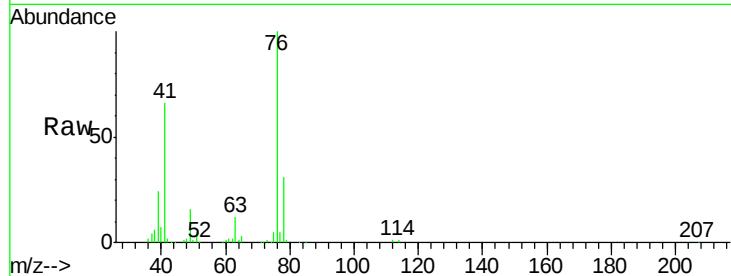
#57
 1,3-Dichloropropane
 Concen: 50.989 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.3	39.5

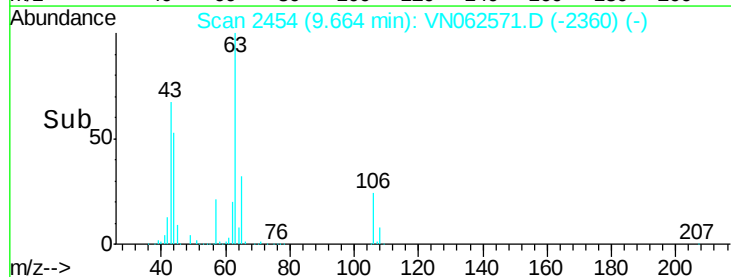
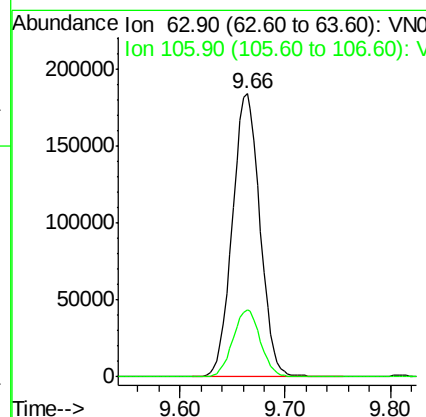
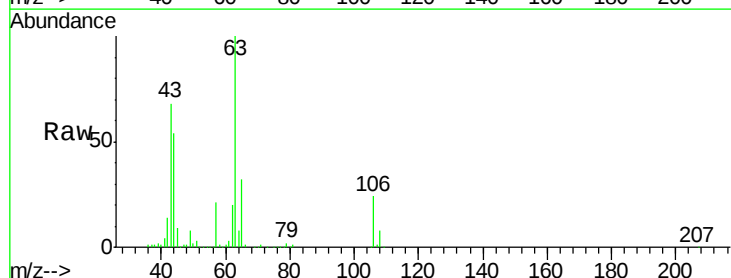
Manual Integrations
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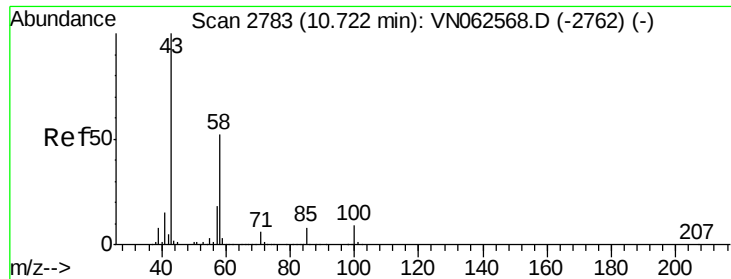
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 7/22/2020 2:45:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.737 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.6	18.9	28.3





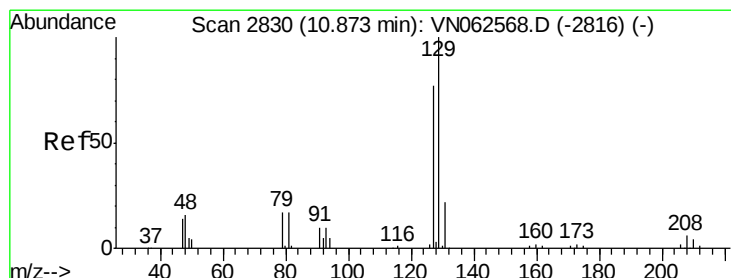
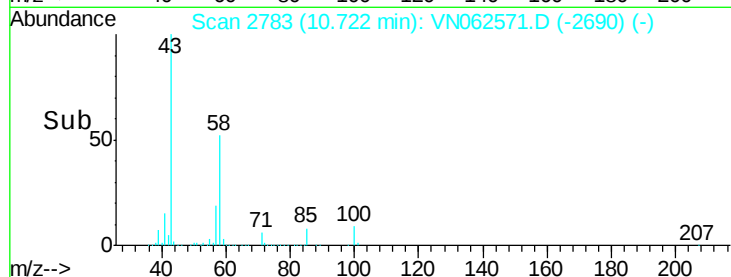
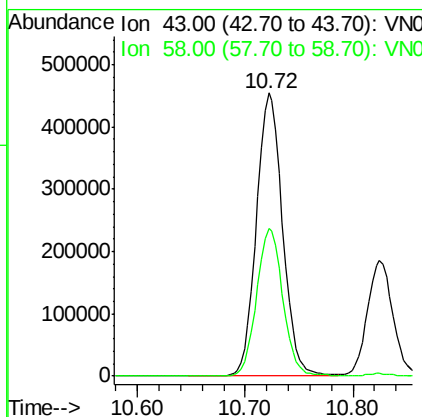
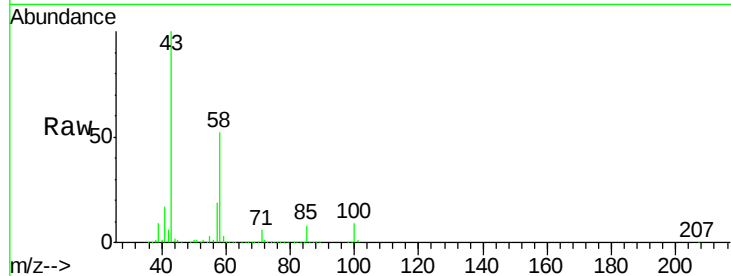
#59
2-Hexanone
Concen: 244.041 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion: 43 Resp: 764835
Ion Ratio Lower Upper
43 100
58 52.2 26.0 78.0

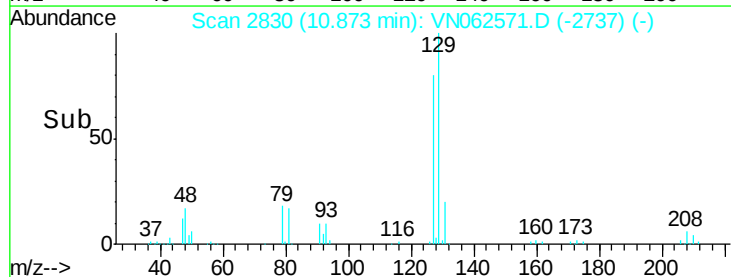
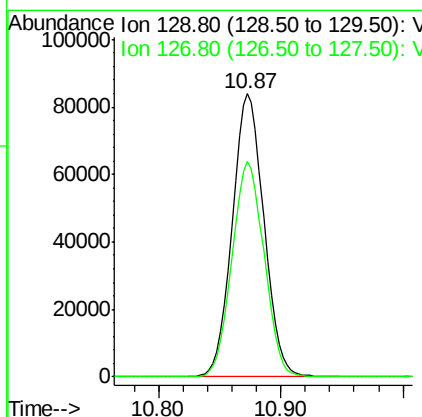
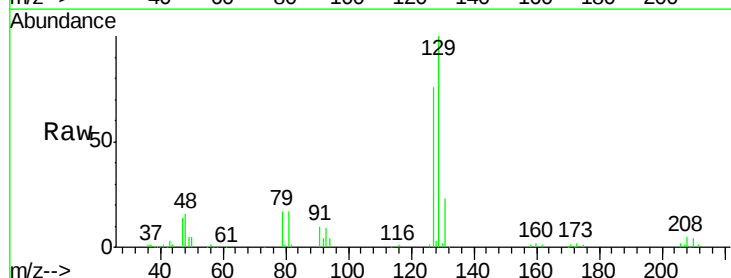
Manual Integrations
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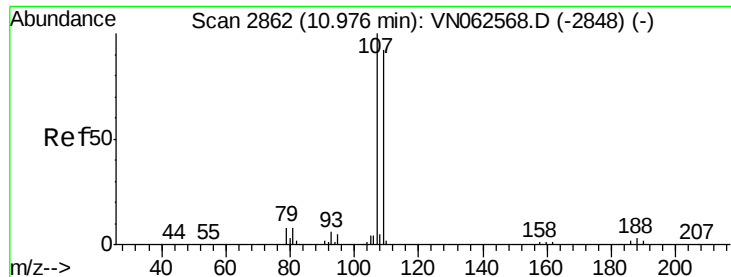
MMDadoda
7/22/2020 2:45:44 PM



#60
Dibromochloromethane
Concen: 50.906 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 129 Resp: 150974
Ion Ratio Lower Upper
129 100
127 77.2 38.0 113.9





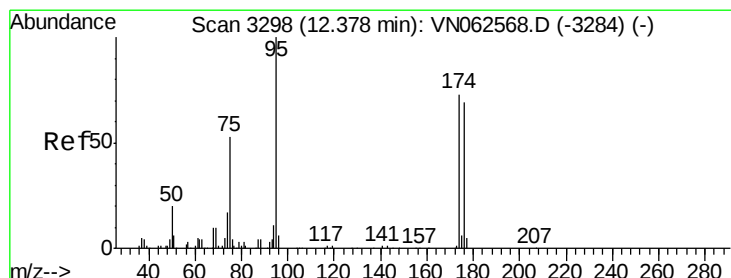
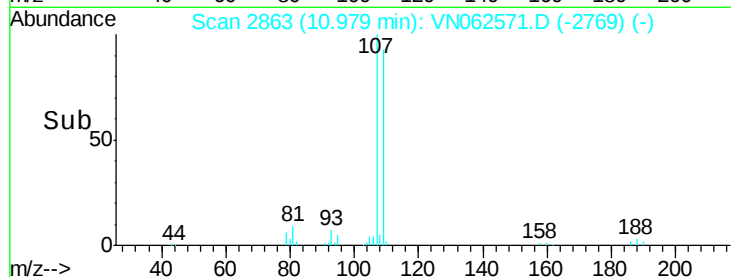
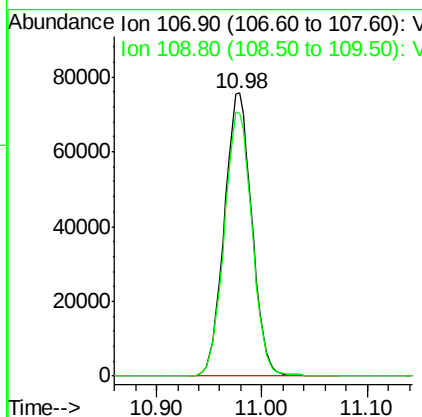
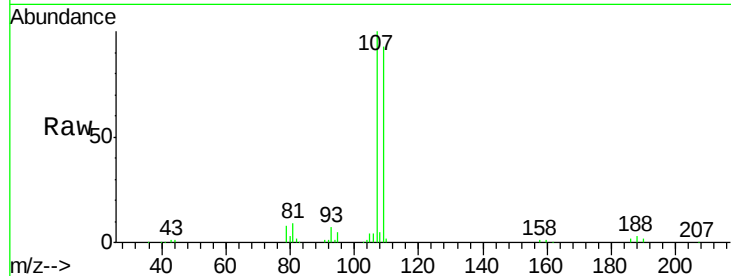
#61
 1,2-Dibromoethane
 Concen: 49.382 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	73.8	110.6

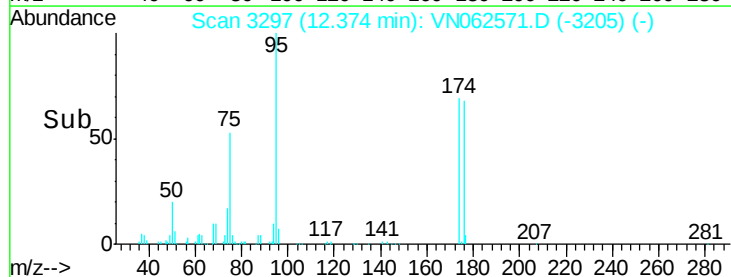
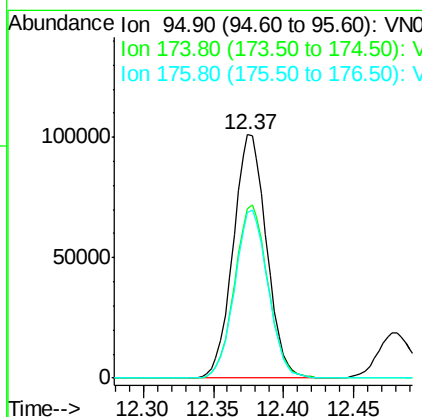
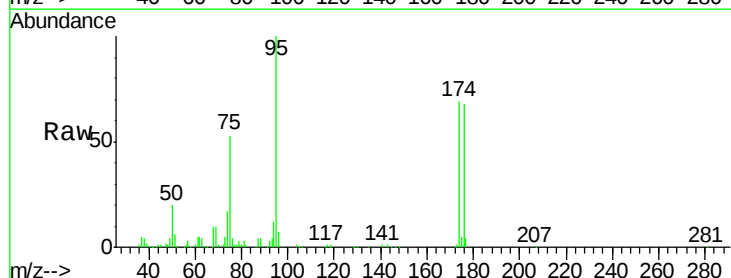
Manual Integrations
 APPROVED

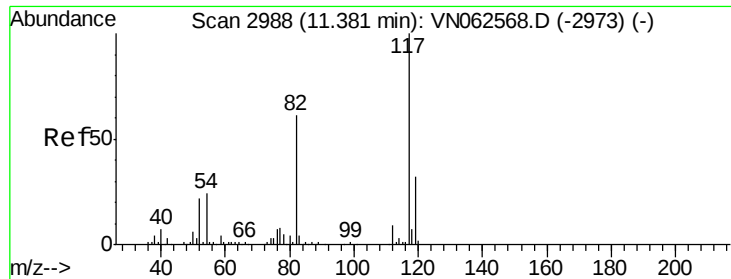
MMDadoda
 7/22/2020 2:45:44 PM



#62
 4-Bromofluorobenzene
 Concen: 47.949 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	144.6
176	68.7	0.0	139.4





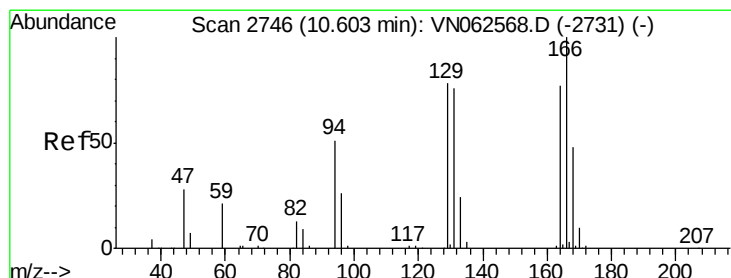
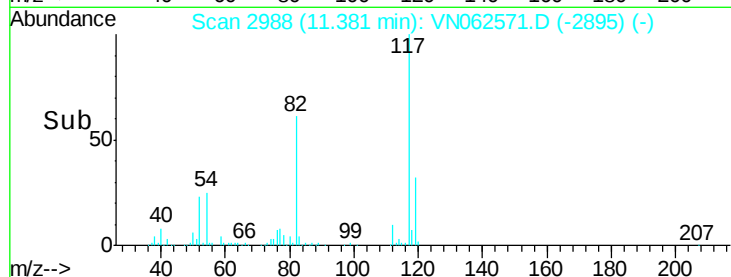
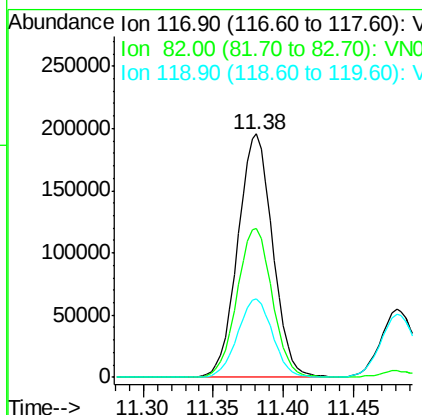
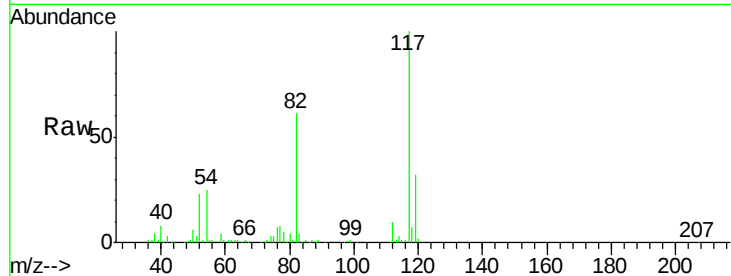
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	61.1	49.0	73.6	
119	32.2	25.4	38.2	

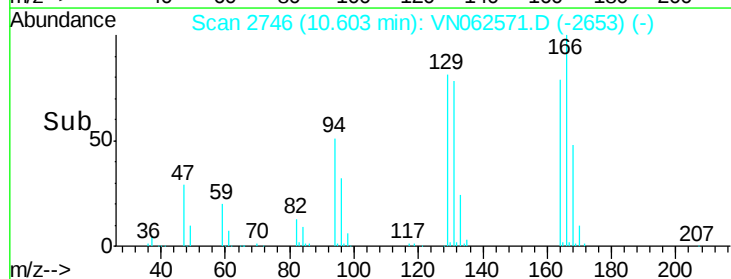
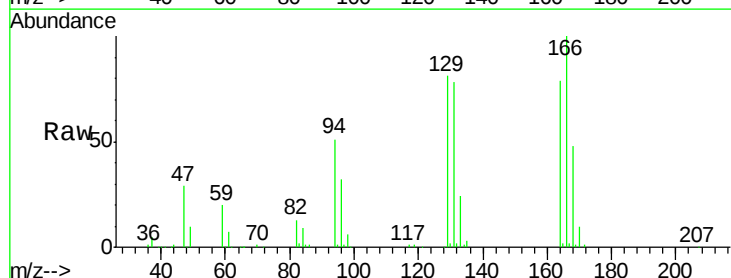
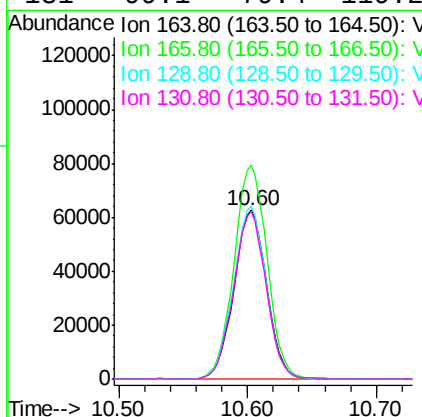
Manual Integrations
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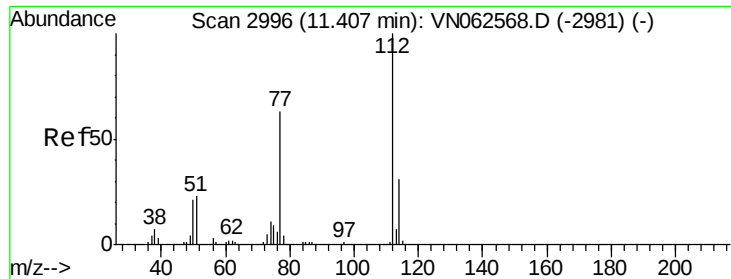
MMDadoda
7/22/2020 2:45:44 PM



#64
Tetrachloroethene
Concen: 50.107 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.4	104.4	156.6	
129	102.4	81.0	121.4	
131	99.1	79.4	119.2	





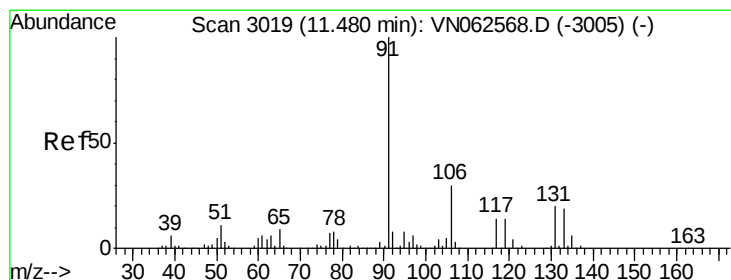
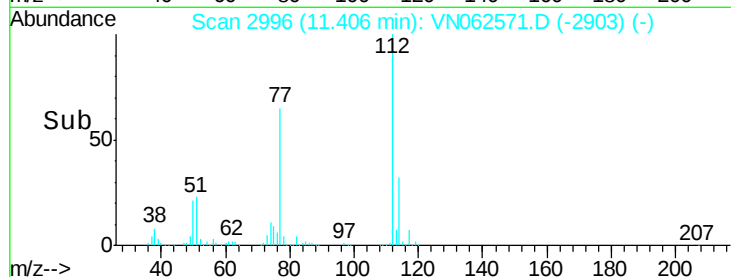
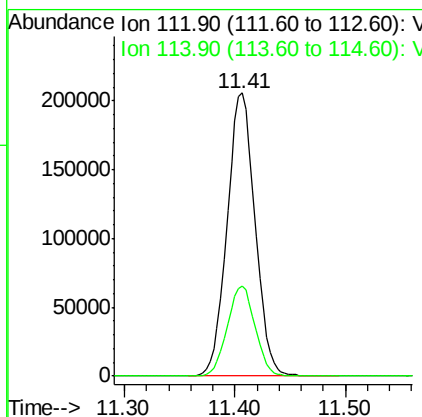
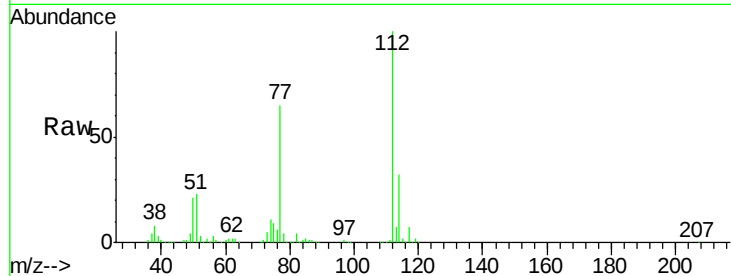
#65
Chlorobenzene
Concen: 50.837 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

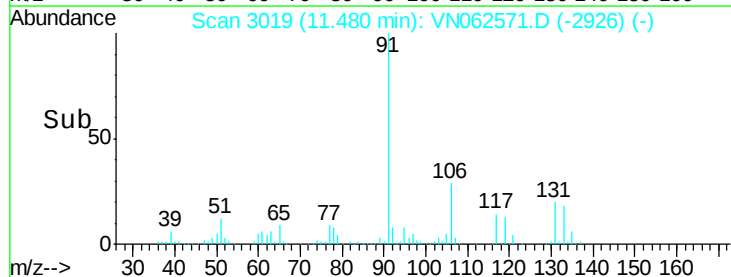
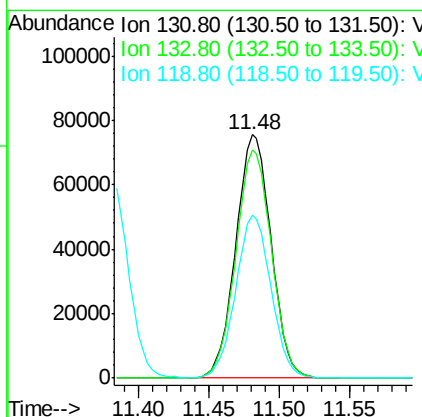
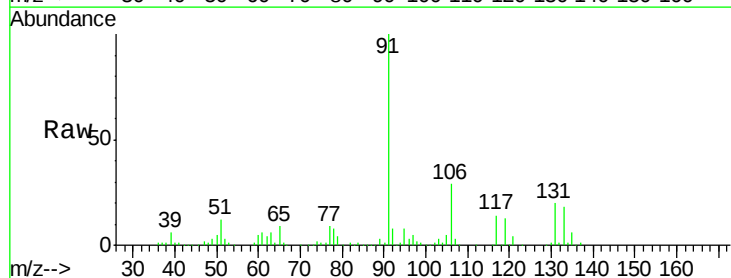
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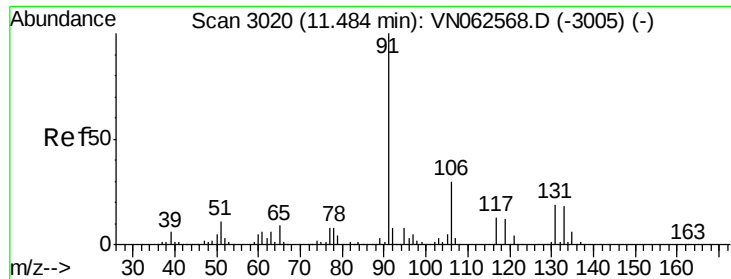
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.662 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.3	142.0
119	66.3	33.7	101.0





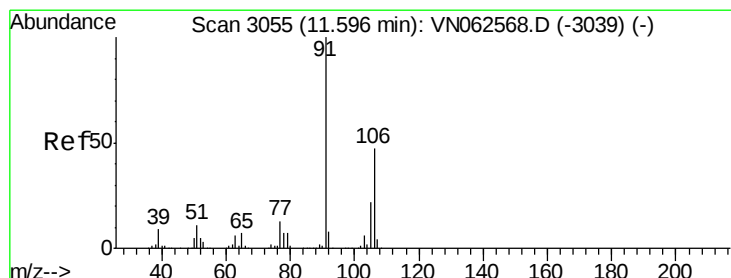
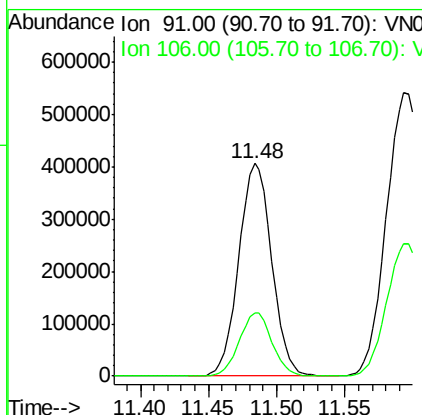
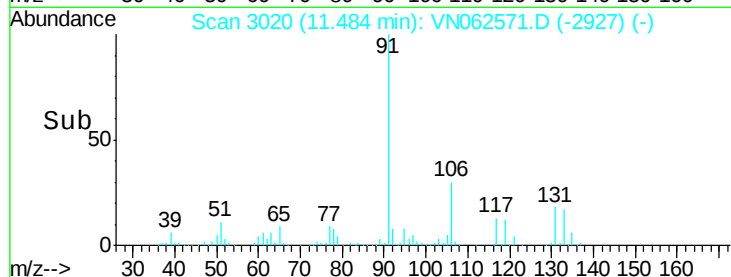
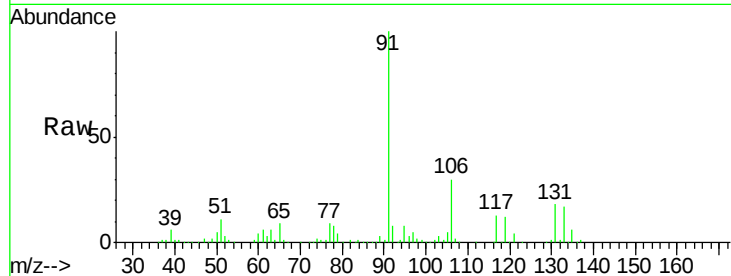
#67
Ethyl Benzene
Concen: 52.184 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampled :
ICVVN072120

Tot Ion: 91 Resp: 680678
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8

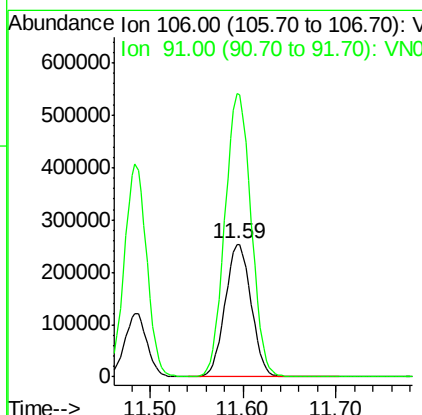
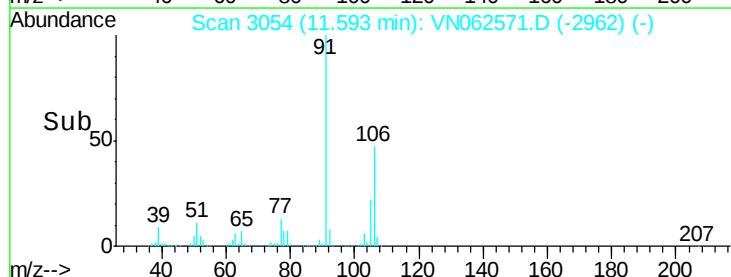
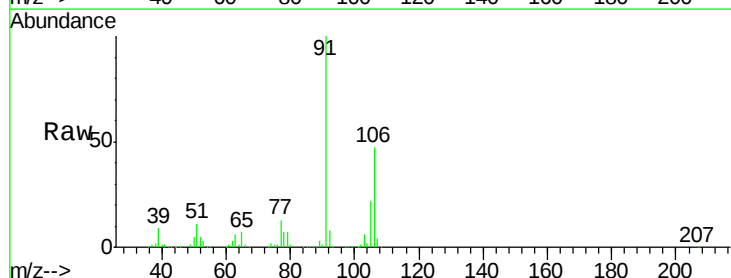
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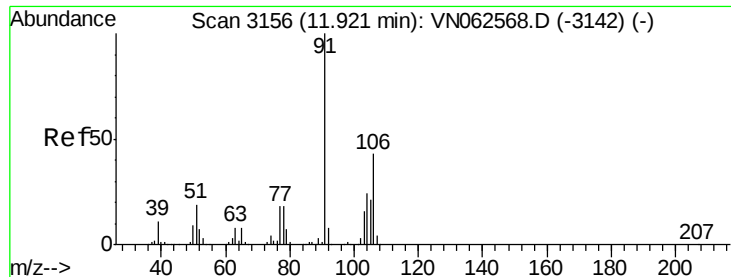
MMDadoda
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#68
m/p-Xylenes
Concen: 105.194 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 106 Resp: 493185
Ion Ratio Lower Upper
106 100
91 215.3 171.4 257.2





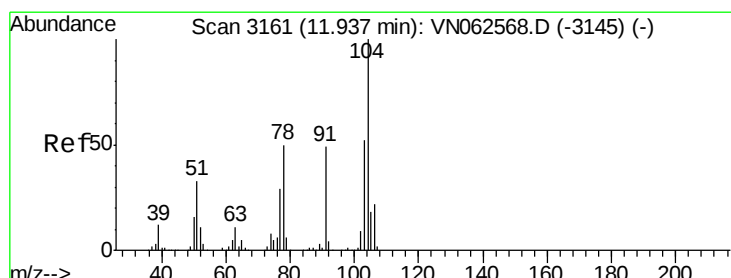
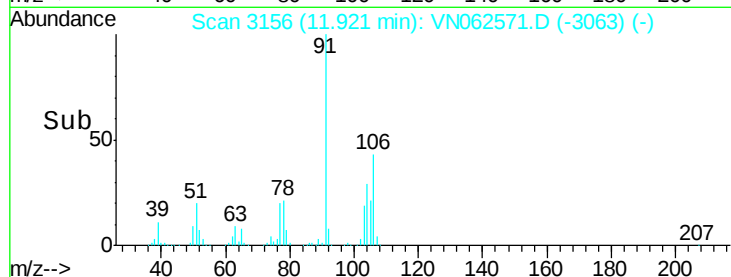
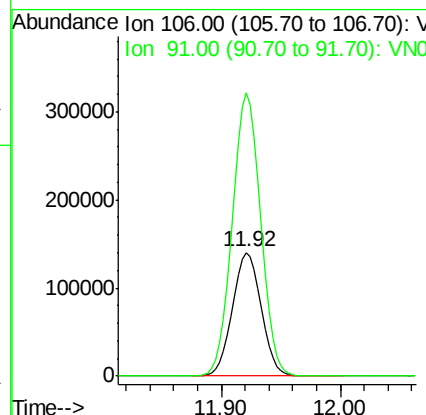
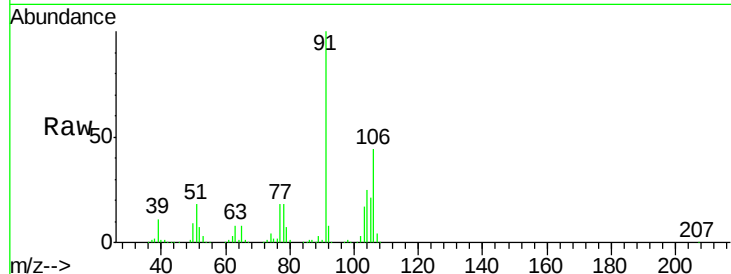
#69
o-Xylene
Concen: 52.759 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
106	100		
91	226.2	113.8	341.2

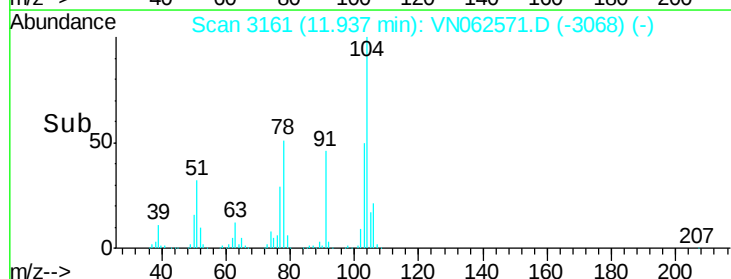
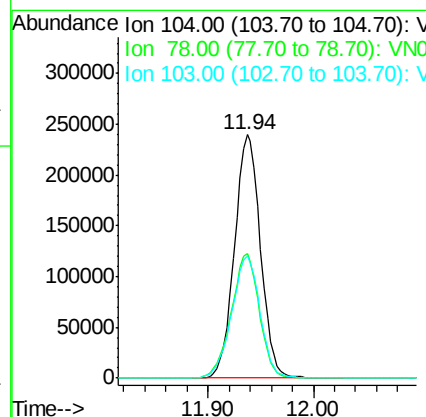
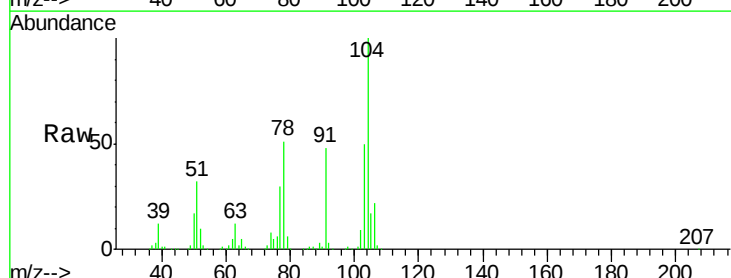
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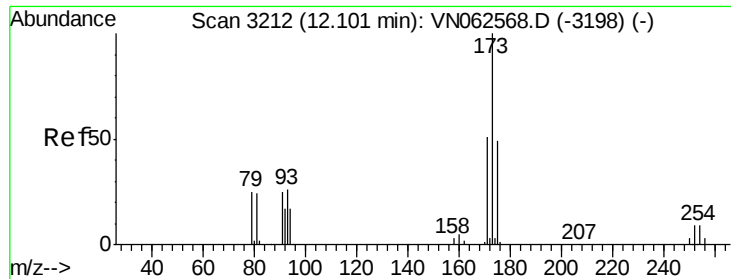
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#70
Styrene
Concen: 54.125 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.4	43.8	65.6
103	54.9	44.0	66.0





#71

Bromoform

Concen: 51.112 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

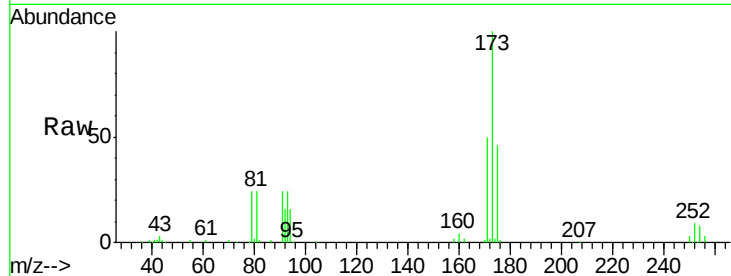
ClientSampleId :

ICVVN072120

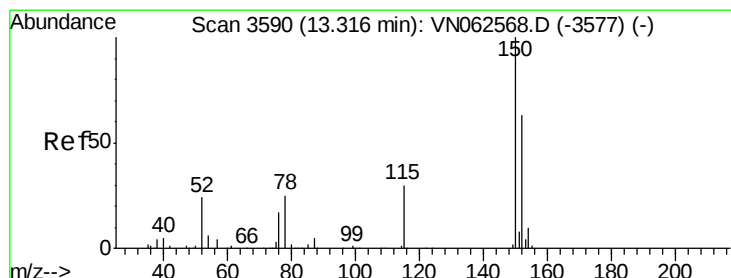
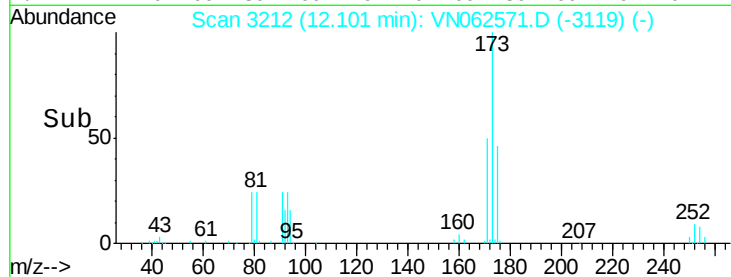
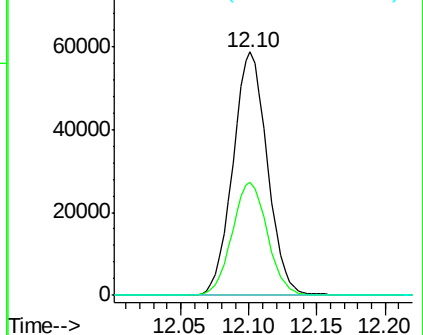
Tot Ion:	173	Resp:	102707
Ion Ratio	Lower	Upper	
173	100		
175	47.5	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations
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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

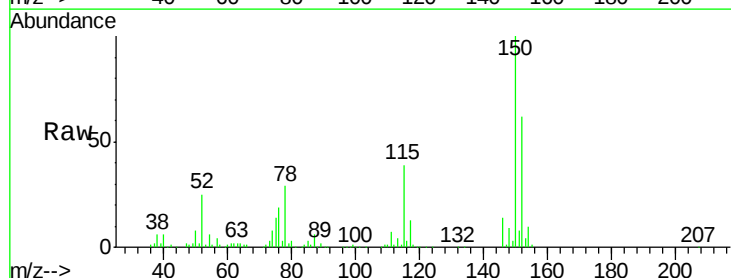
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

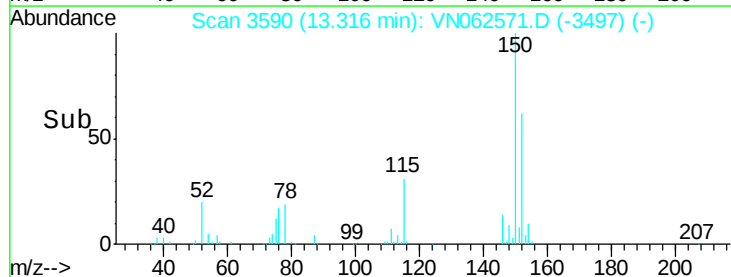
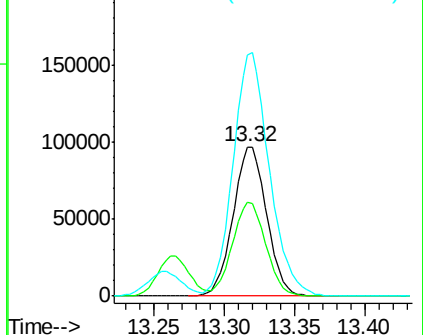
Lab File: VN062571.D

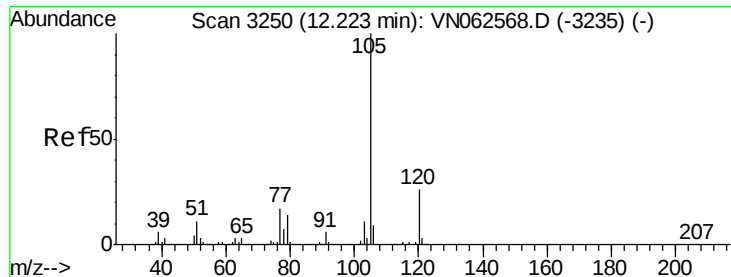
Acq: 21 Jul 2020 14:26

Tgt Ion:	152	Resp:	160753
Ion Ratio	Lower	Upper	
152	100		
115	63.0	31.8	95.4
150	176.3	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: 50.291 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampled :

ICV072120

Tot Ion: 105 Resp: 639250

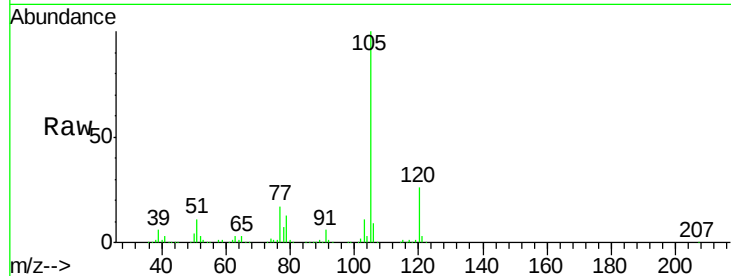
Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

400000

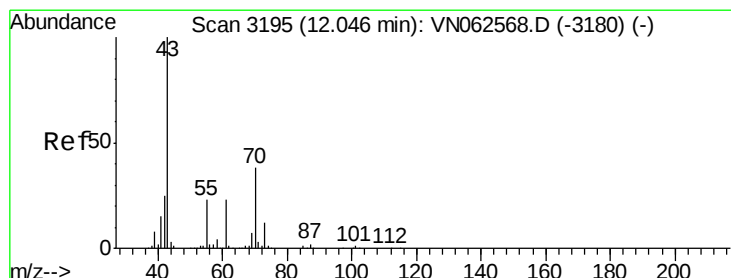
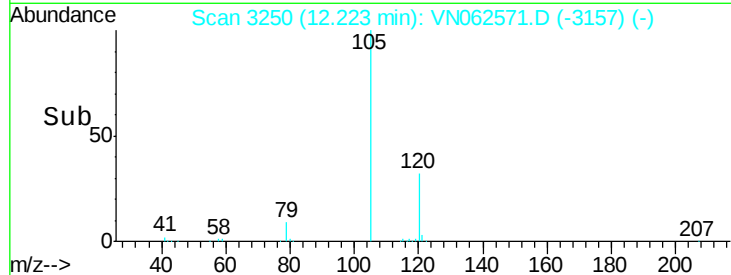
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 53.428 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion: 43 Resp: 303284

Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 23.4 19.0 28.6

61 22.7 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

300000

250000

200000

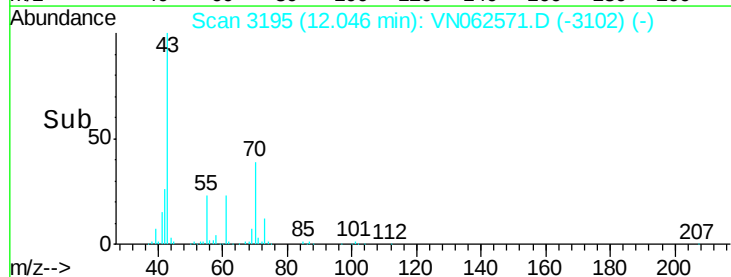
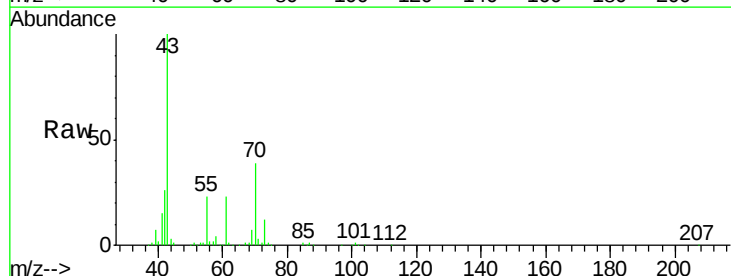
150000

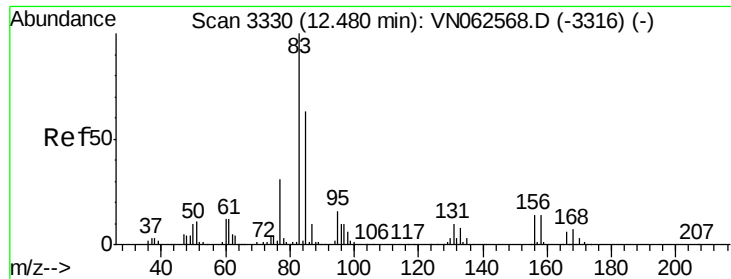
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.461 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

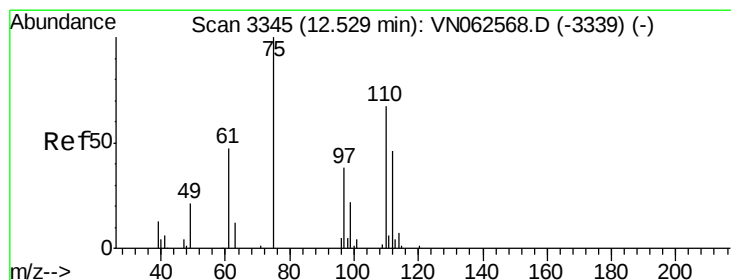
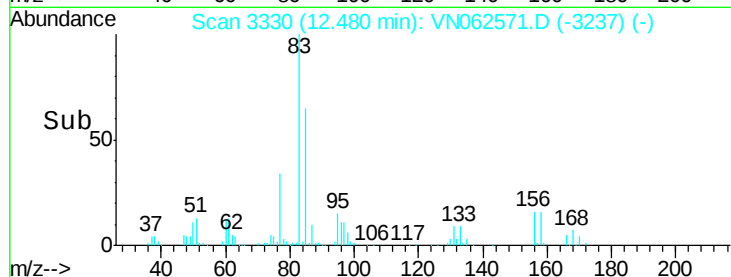
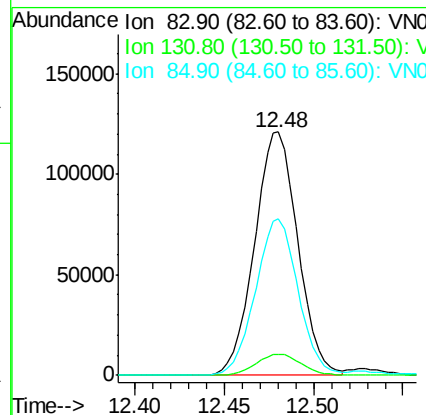
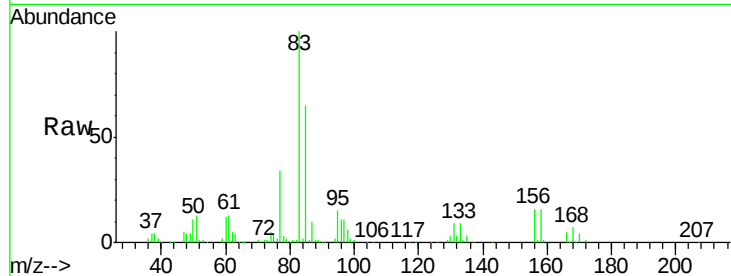
ClientSampleId :

ICVVN072120

Tot Ion:	83	Resp:	205221
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.8	14.3
85	63.5	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 47.834 ug/l m

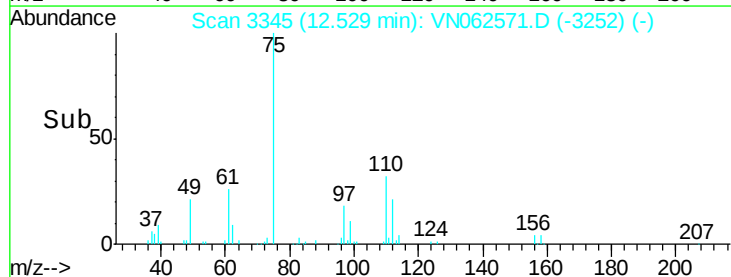
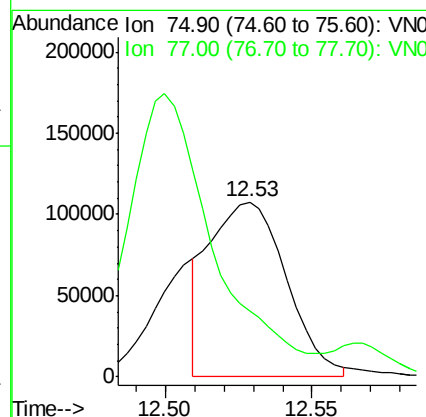
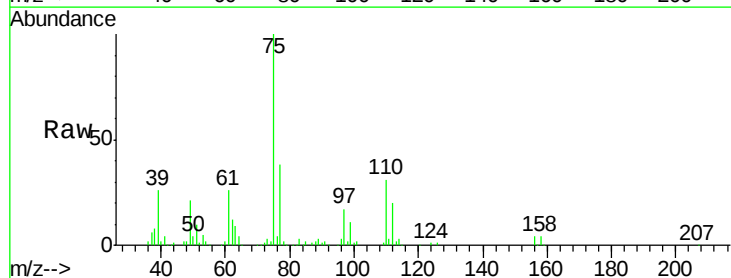
RT: 12.53 min Scan# 3345

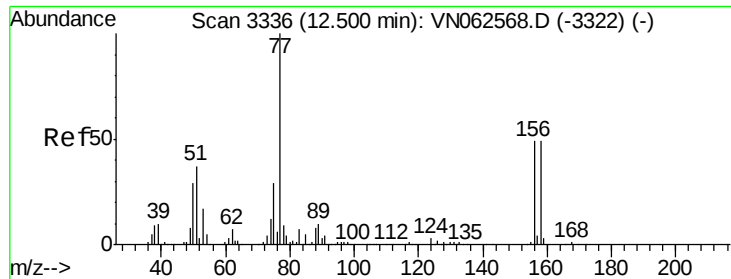
Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion:	75	Resp:	195724
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.378 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

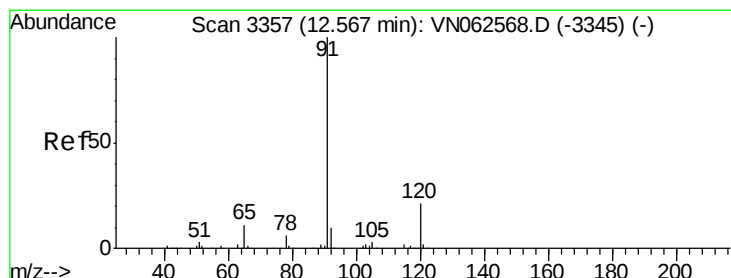
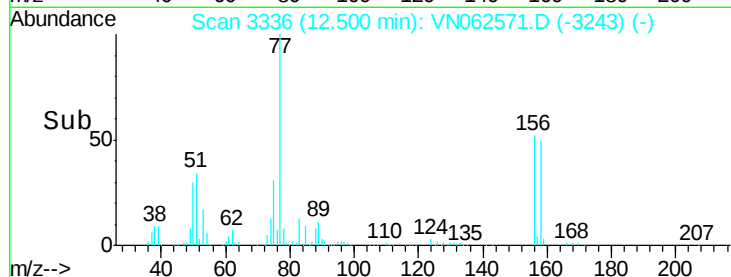
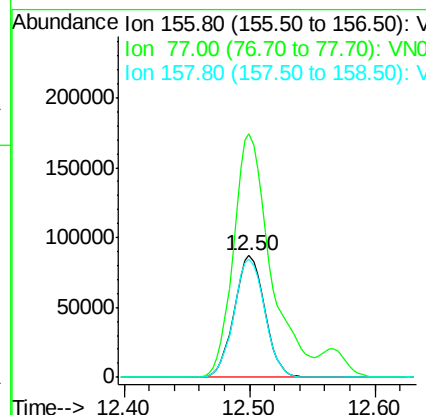
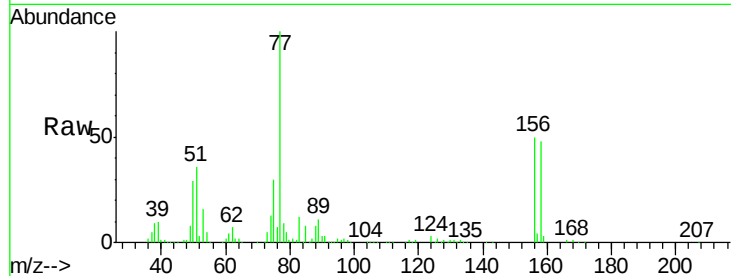
ClientSampleId :

ICVVN072120

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	241.7	122.8	368.3	
158	98.1	49.4	148.0	

Manual Integrations
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#78

n-propylbenzene

Concen: 51.151 ug/l

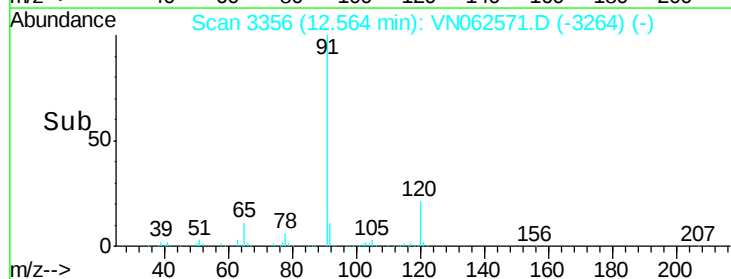
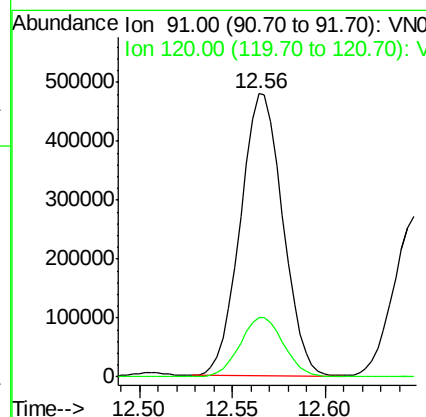
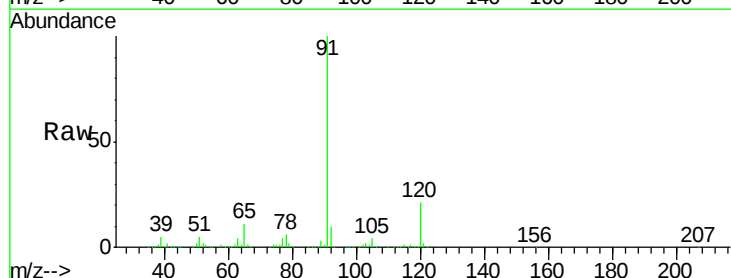
RT: 12.56 min Scan# 3356

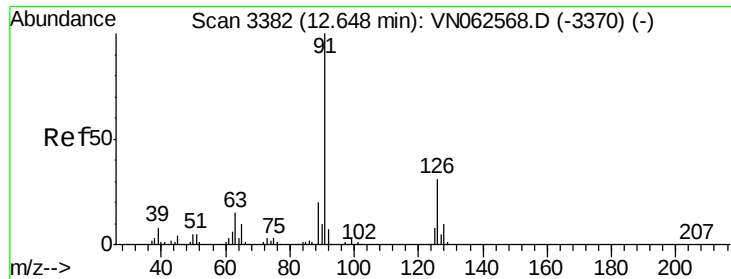
Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.5	10.9	32.6	





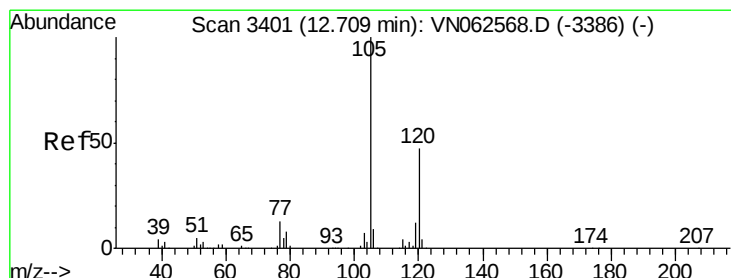
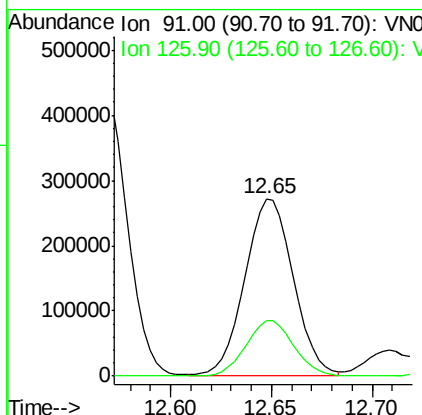
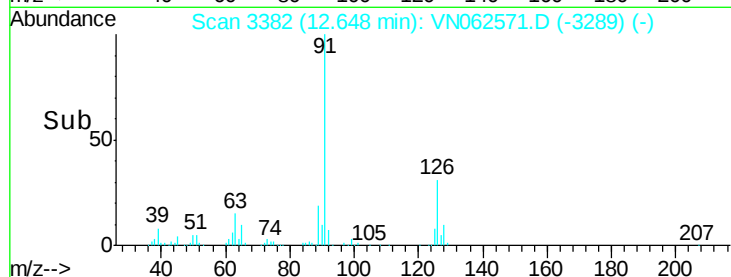
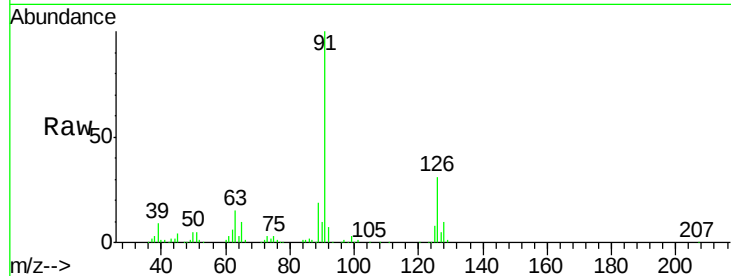
#79
 2-Chlorotoluene
 Concen: 49.429 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion: 91 Resp: 453555
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.9 47.6

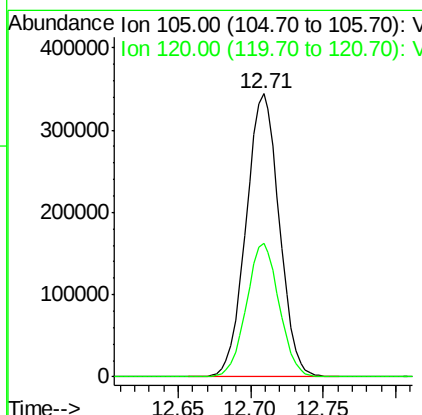
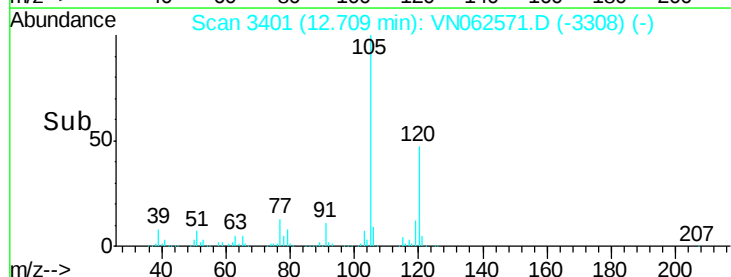
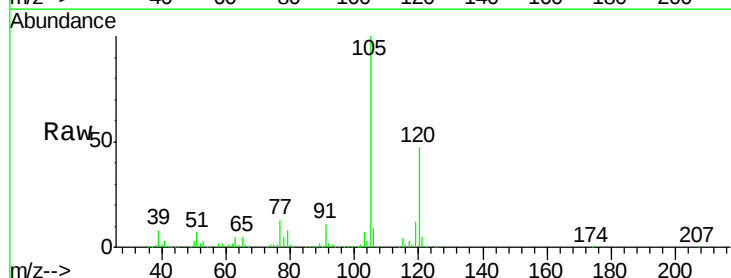
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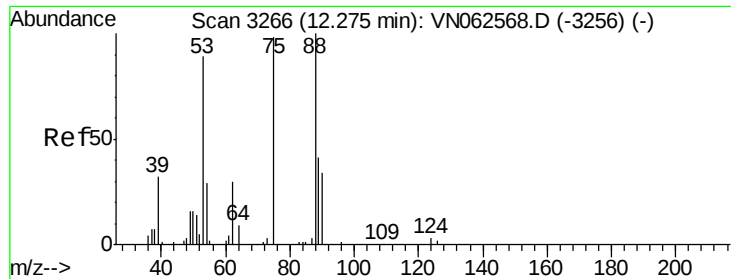
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.957 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion: 105 Resp: 547816
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.522 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

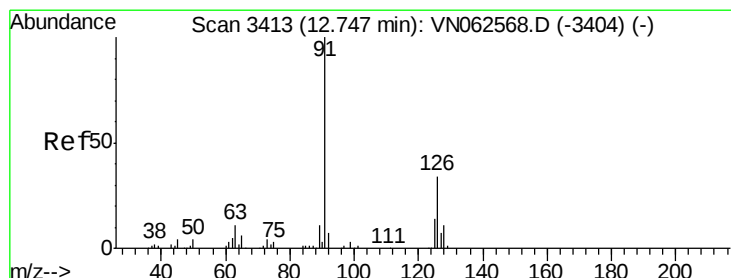
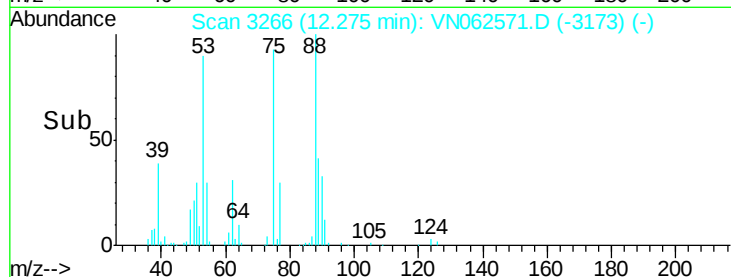
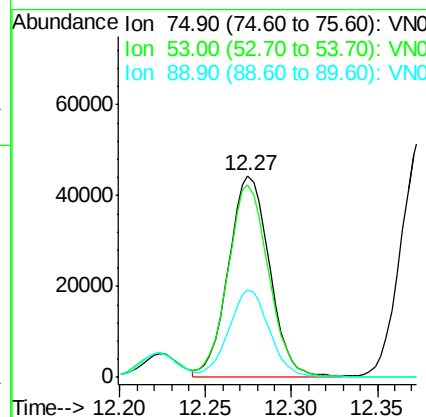
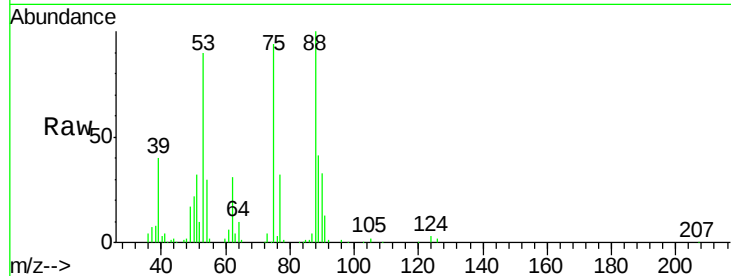
ClientSampleId :

ICVVN072120

Tot Ion:	75	Resp:	74260
Ion	Ratio	Lower	Upper
75	100		
53	95.2	75.4	113.0
89	42.8	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.374 ug/l

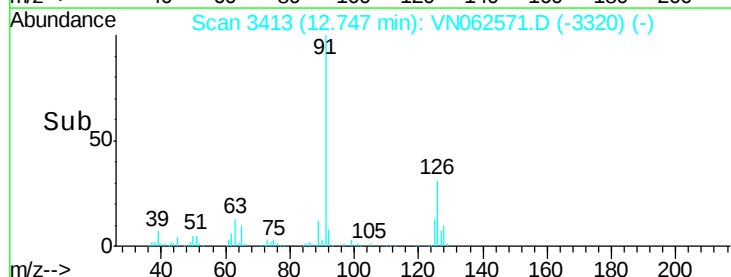
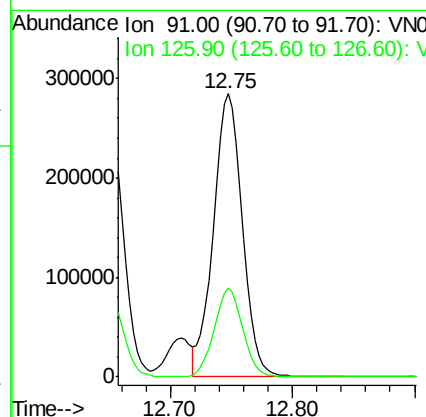
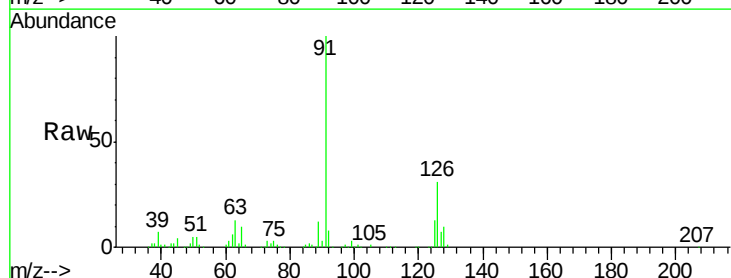
RT: 12.75 min Scan# 3413

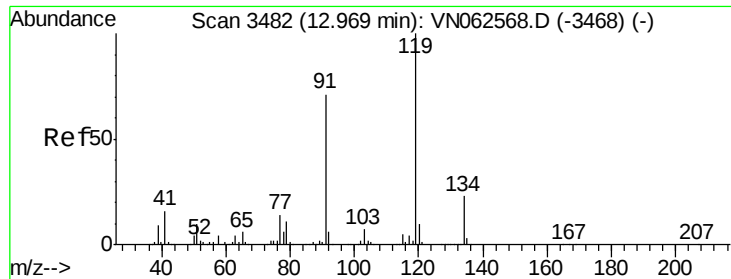
Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion:	91	Resp:	471570
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





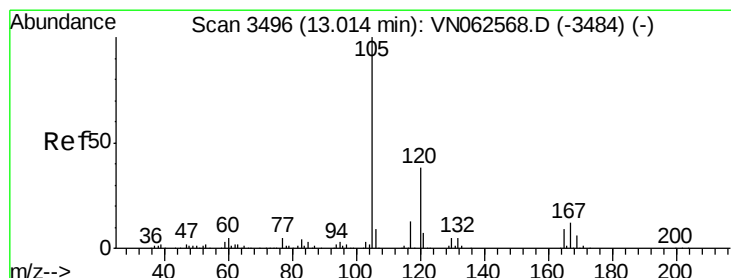
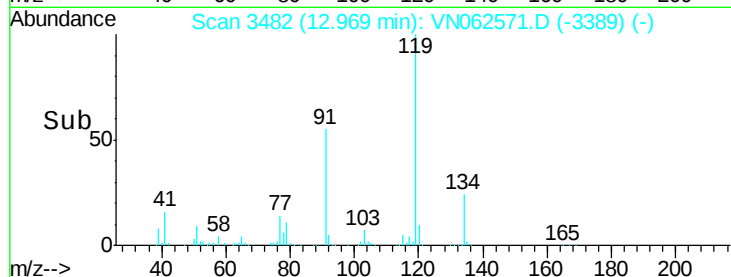
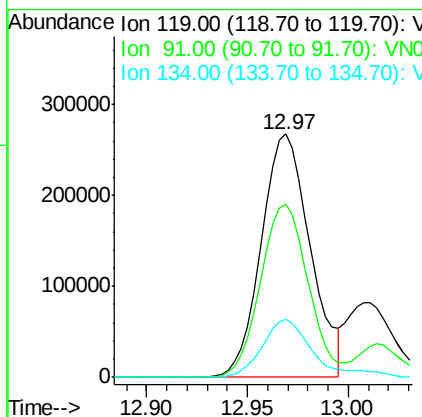
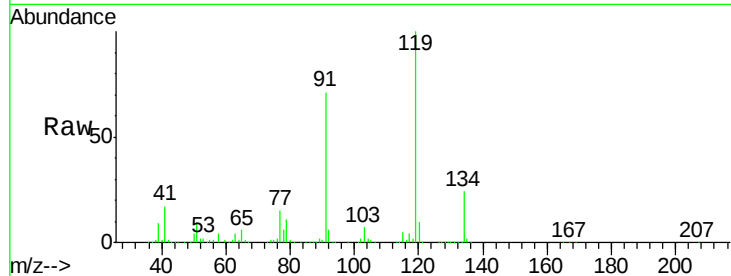
#83
tert-Butylbenzene
Concen: 51.662 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.5	34.6	103.8
134	24.9	11.5	34.4

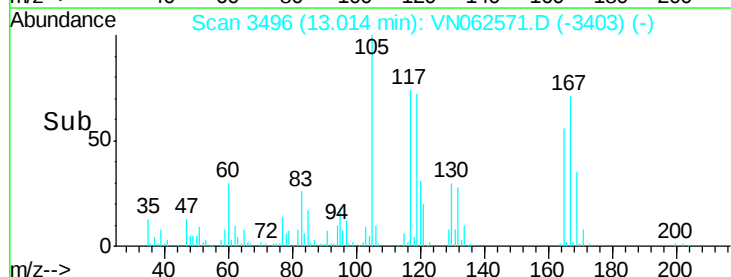
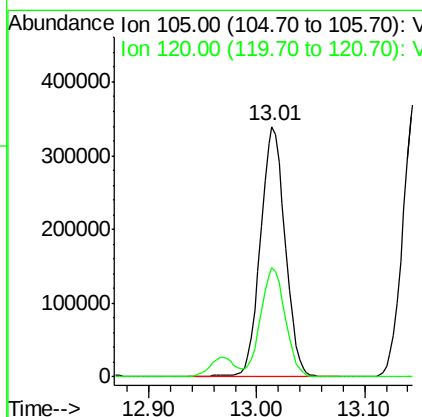
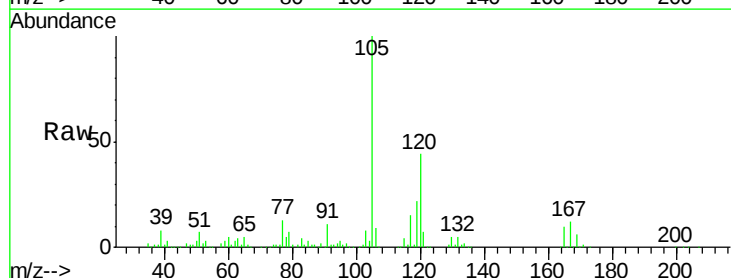
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 52.046 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.1	66.3





#85

sec-Butylbenzene

Concen: 52.033 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampled :

ICVVN072120

Tot Ion:105 Resp: 609893

Ion Ratio Lower Upper

105 100

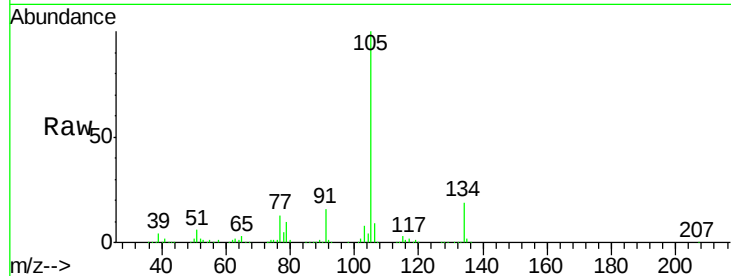
134 18.8 9.5 28.5

Manual Integrations

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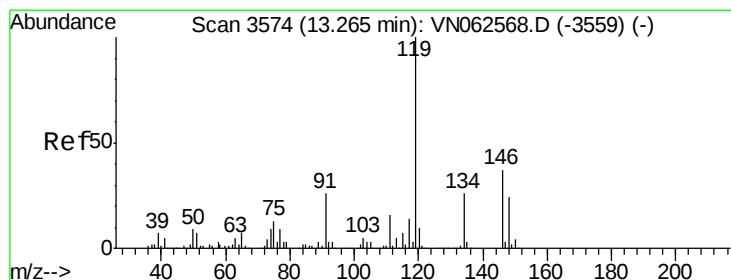
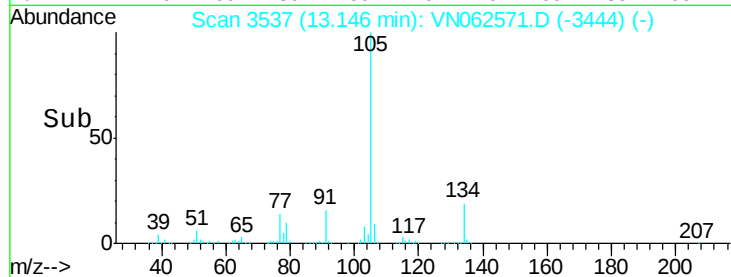
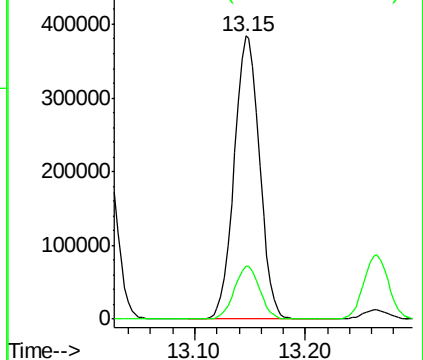
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.905 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

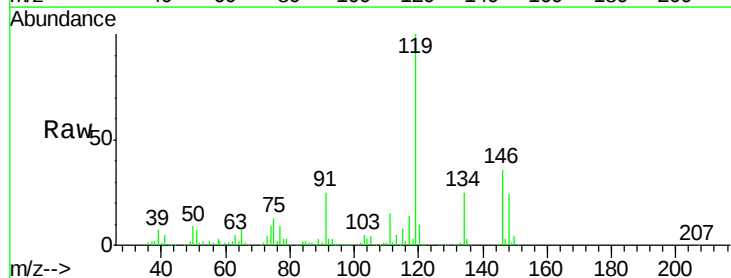
Tgt Ion:119 Resp: 543424

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

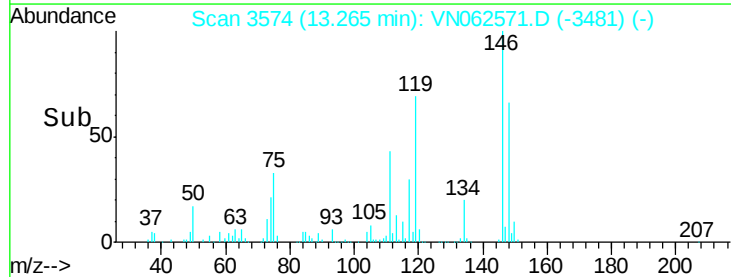
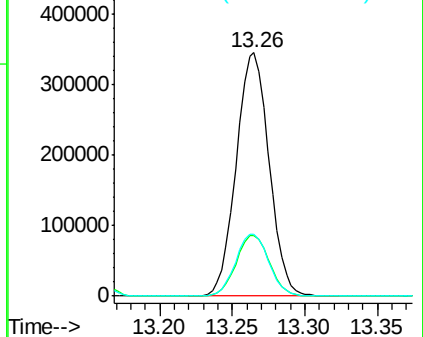
91 25.5 12.7 38.1

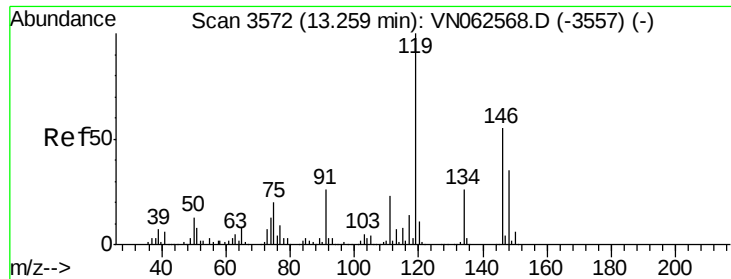


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





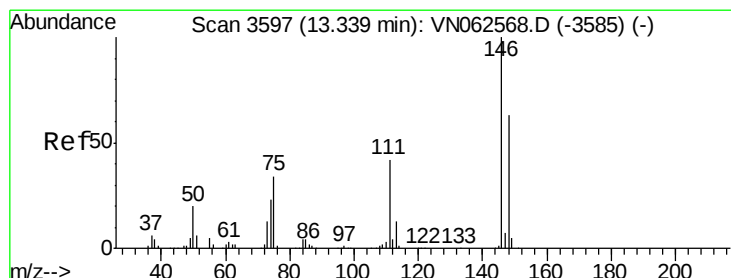
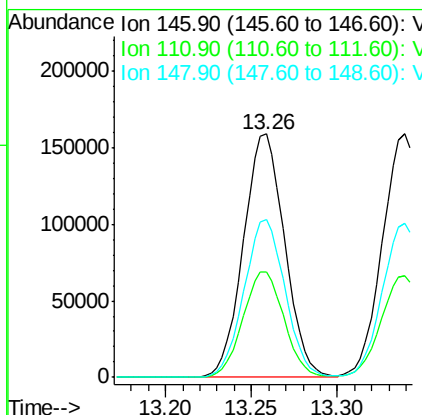
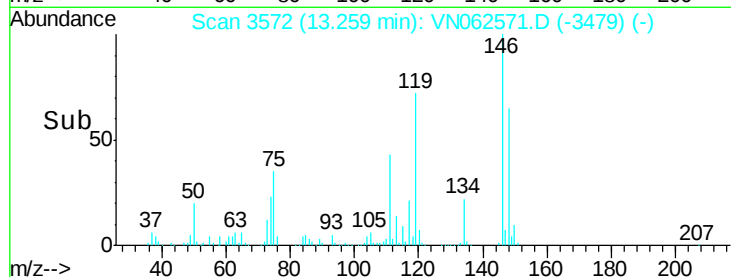
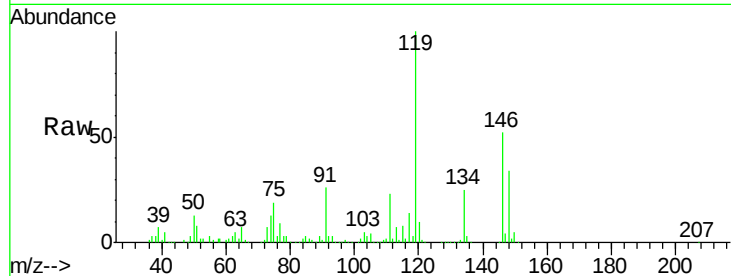
#87
 1,3-Dichlorobenzene
 Concen: 49.392 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.6
148	64.5	31.8	95.4

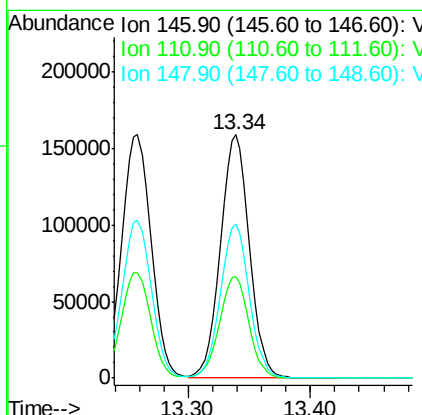
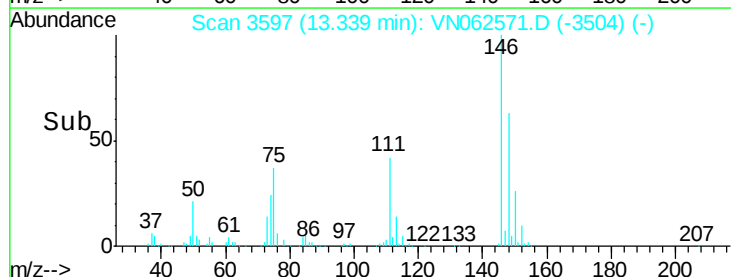
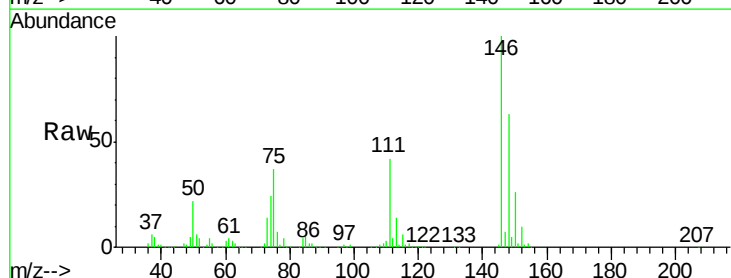
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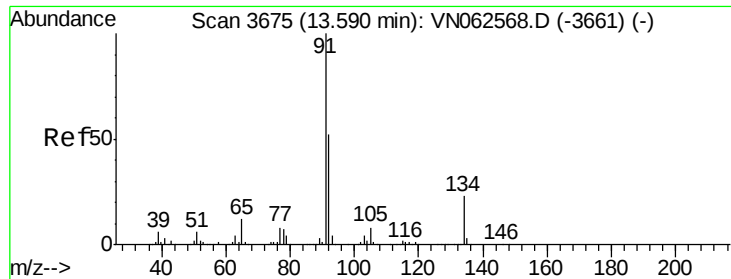
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#88
 1,4-Dichlorobenzene
 Concen: 50.247 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.1
148	63.0	31.6	94.8





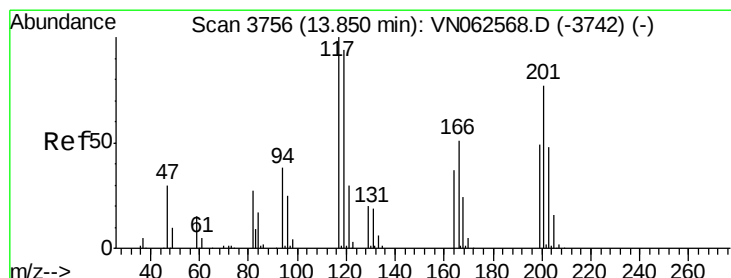
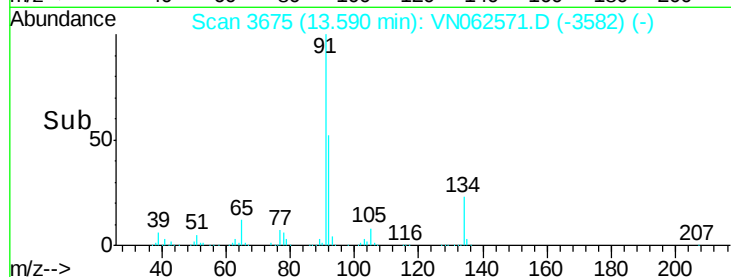
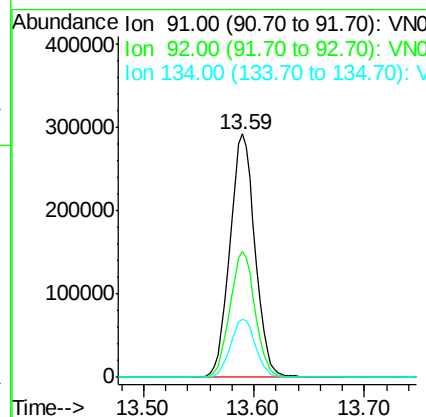
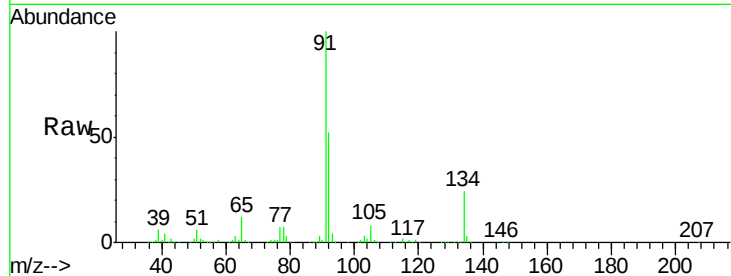
#89
n-Butylbenzene
Concen: 53.300 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.3
134	23.8	11.8	35.3

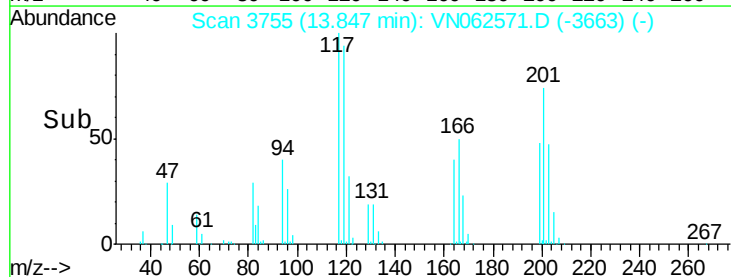
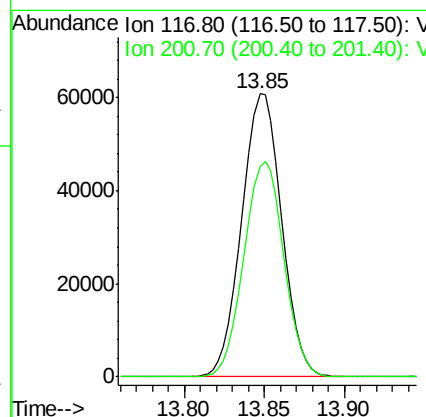
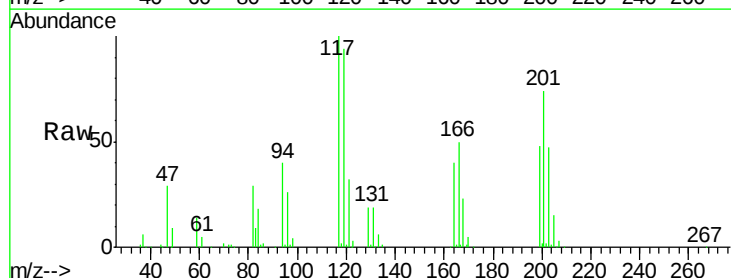
Manual Integrations
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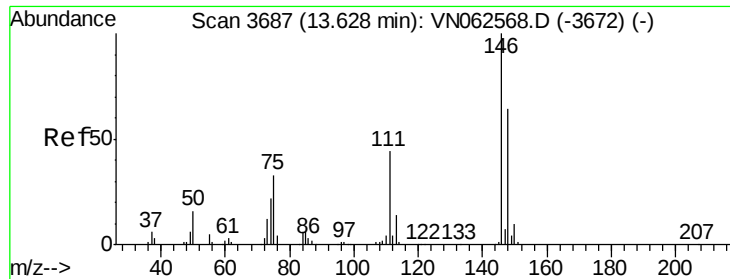
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#90
Hexachloroethane
Concen: 48.296 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.1	39.2	117.6





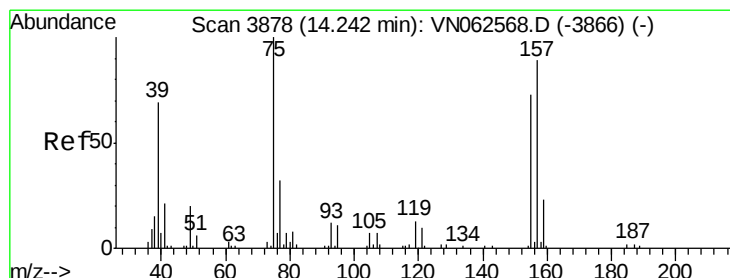
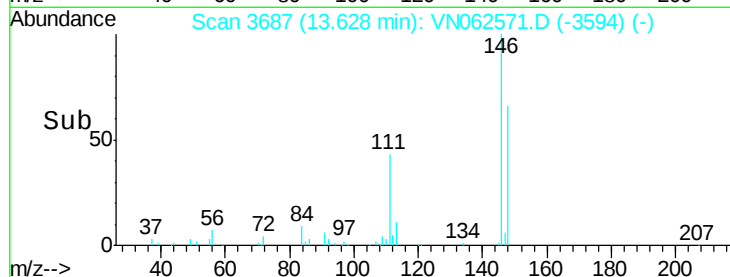
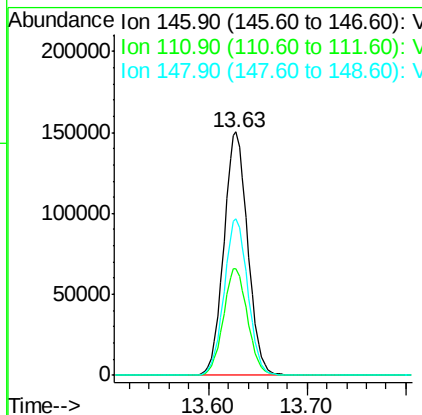
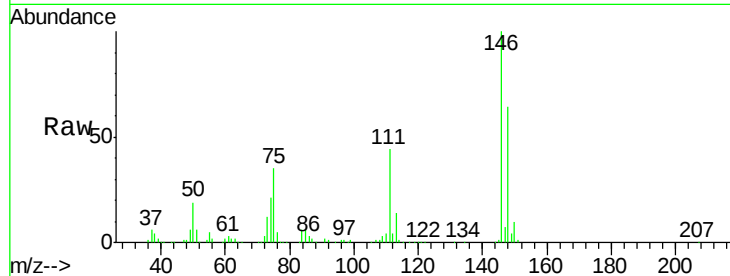
#91
 1,2-Dichlorobenzene
 Concen: 49.778 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.8
148	64.2	31.6	94.7

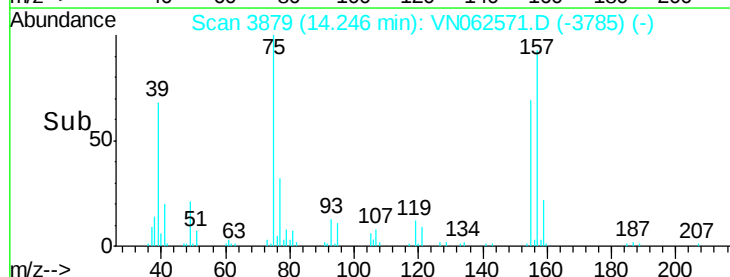
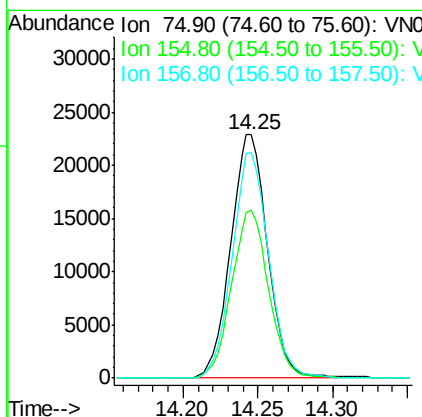
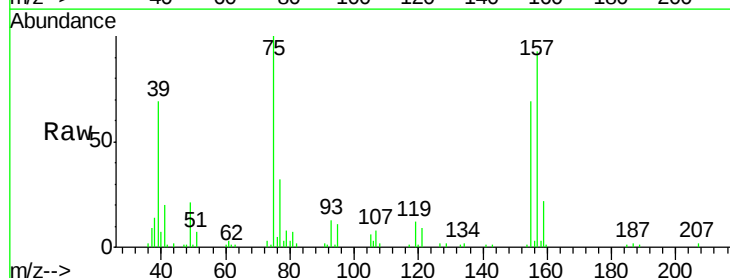
Manual Integrations
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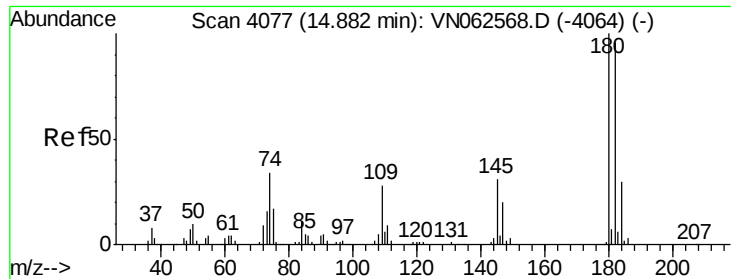
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.844 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.2	35.9	107.5
157	91.5	45.0	135.0





#93

1,2,4-Trichlorobenzene

Concen: 46.492 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

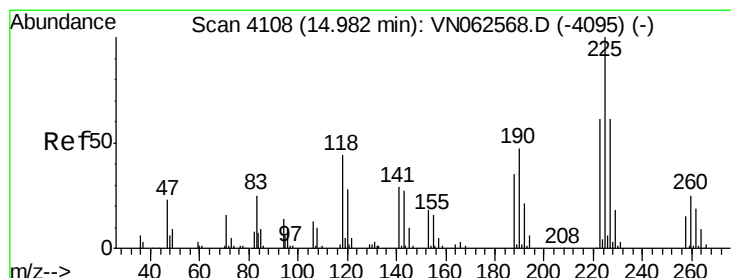
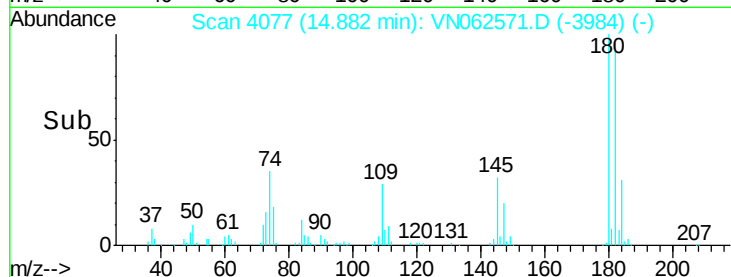
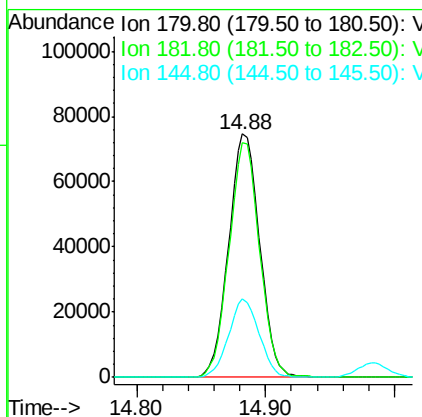
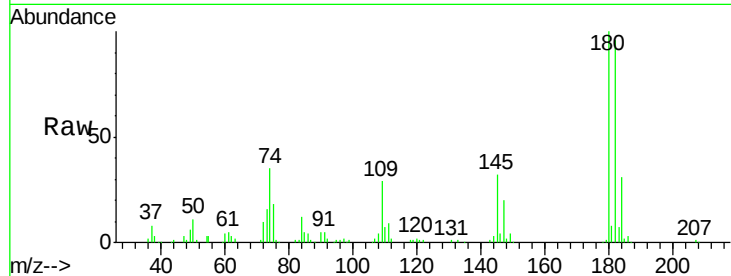
ClientSampleId :

ICVVN072120

Tot Ion:	180	Resp:	124672
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.8	143.3
145	31.6	15.3	45.9

Manual Integrations
APPROVED

MMDadoda
7/22/2020 2:45:44 PM



#94

Hexachlorobutadiene

Concen: 51.842 ug/l

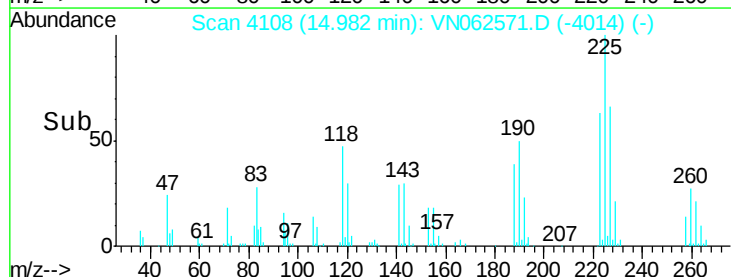
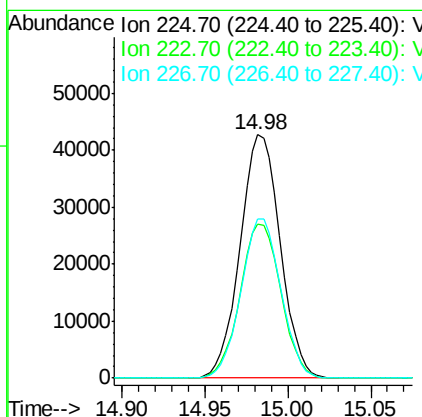
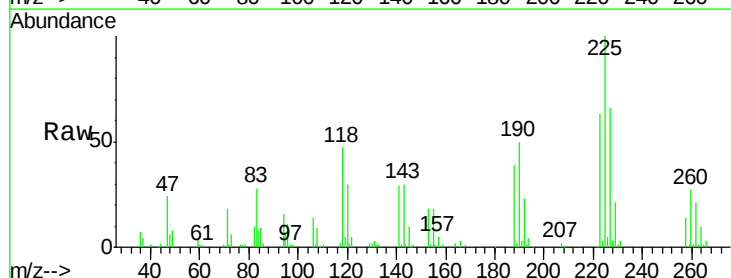
RT: 14.98 min Scan# 4108

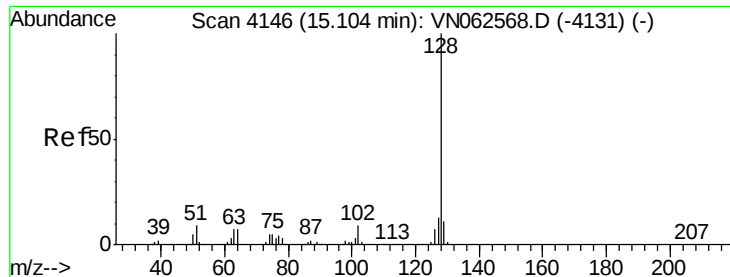
Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion:	225	Resp:	71864
Ion Ratio	Lower	Upper	
225	100		
223	64.4	32.0	96.0
227	64.9	31.1	93.2





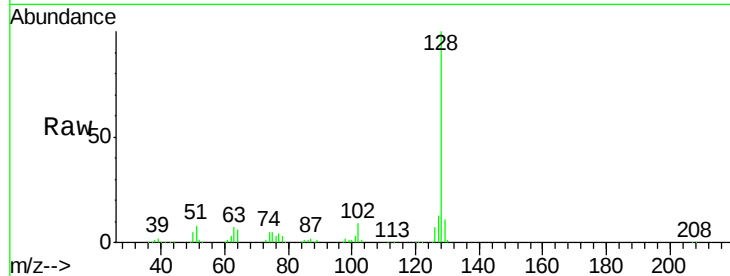
#95
Naphthalene
Concen: 44.567 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/22/2020 2:45:44 PM

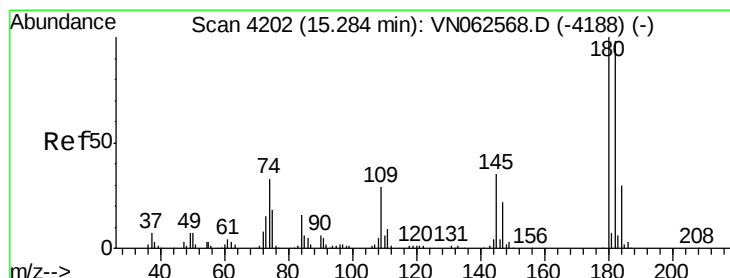
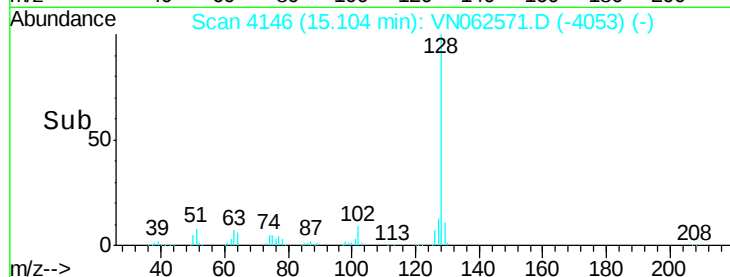
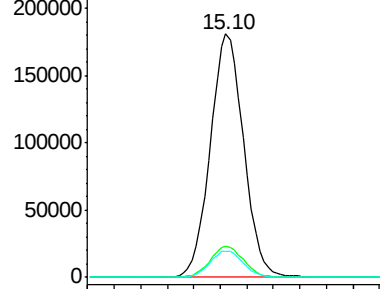


Abundance

Ion 128.00 (127.70 to 128.70): V

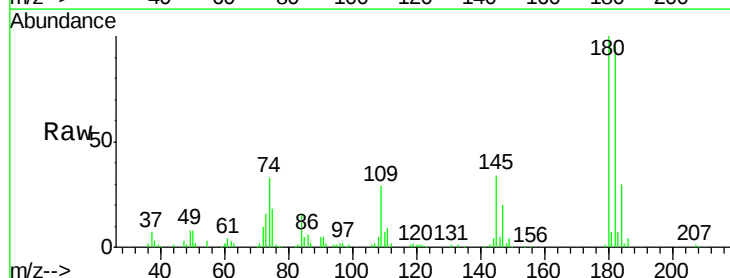
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.593 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.1	144.3
145	33.8	16.7	50.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

