

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062063.D
 Acq On : 24 Jun 2020 14:45
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN062420

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:20 PM

Quant Time: Jun 25 04:39:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	274878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	472598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	179218	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	7.54	113	146000	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.06	98	603024	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.37	95	208686	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	145856	46.944	ug/l	99
3) Chloromethane	2.03	50	187921	51.413	ug/l	98
4) Vinyl Chloride	2.16	62	220587	45.083	ug/l	99
5) Bromomethane	2.53	94	154529	48.866	ug/l	98
6) Chloroethane	2.66	64	150053	44.893	ug/l	97
7) Trichlorofluoromethane	2.98	101	288264	47.812	ug/l	100
8) Diethyl Ether	3.37	74	100170	47.581	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	149297	47.287	ug/l	99
10) Methyl Iodide	3.91	142	172514	48.517	ug/l	99
11) Tert butyl alcohol	4.73	59	119235	215.286	ug/l	100
12) 1,1-Dichloroethene	3.69	96	149442	47.348	ug/l	94
13) Acrolein	3.56	56	121309	223.715	ug/l	99
14) Allyl chloride	4.27	41	208966	48.628	ug/l	100
15) Acrylonitrile	4.92	53	334473	221.615	ug/l	99
16) Acetone	3.77	43	332674	275.163	ug/l	96
17) Carbon Disulfide	4.00	76	445904	49.324	ug/l	99
18) Methyl Acetate	4.27	43	128399	41.872	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	483210	47.911	ug/l	97
20) Methylene Chloride	4.49	84	173434	48.973	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	165341	45.984	ug/l	97
22) Diisopropyl ether	5.90	45	468046	47.836	ug/l	99
23) Vinyl Acetate	5.84	43	1924308	240.889	ug/l	100
24) 1,1-Dichloroethane	5.79	63	293698	46.615	ug/l	99
25) 2-Butanone	6.78	43	434091	230.229	ug/l	100
26) 2,2-Dichloropropane	6.77	77	257085	48.966	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	190643	47.119	ug/l	99
28) Bromochloromethane	7.14	49	118499	43.348	ug/l	99
29) Tetrahydrofuran	7.16	42	273691	221.598	ug/l	99
30) Chloroform	7.32	83	301076	46.967	ug/l	99
31) Cyclohexane	7.61	56	256127	48.059	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	255384	47.241	ug/l	99
36) 1,1-Dichloropropene	7.74	75	231746	48.785	ug/l	100
37) Ethyl Acetate	6.87	43	176423	44.851	ug/l	97
38) Carbon Tetrachloride	7.73	117	216623	48.369	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	274810	52.799	ug/l	97
40) Benzene	8.00	78	702176	48.497	ug/l	99
41) Methacrylonitrile	7.12	41	79045	43.346	ug/l	96
42) 1,2-Dichloroethane	8.08	62	233567	47.746	ug/l	99
43) Isopropyl Acetate	8.12	43	300142	46.807	ug/l	99
44) Trichloroethene	8.80	130	174932	47.896	ug/l	100
45) 1,2-Dichloropropane	9.08	63	176131	49.309	ug/l	98
46) Dibromomethane	9.17	93	117729	48.612	ug/l	99
47) Bromodichloromethane	9.36	83	243149	49.724	ug/l	100
48) Methyl methacrylate	9.16	41	139802	48.625	ug/l	98
49) 1,4-Dioxane	9.16	88	57443	900.945	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	894980	238.889	ug/l	100
52) Toluene	10.12	92	455039	51.508	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	273628	50.861	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	295634	51.615	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	170788	49.181	ug/l	99
56) Ethyl methacrylate	10.40	69	239679	51.717	ug/l	99
57) 1,3-Dichloropropane	10.68	76	294679	49.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	446835	227.977	ug/l	100
59) 2-Hexanone	10.72	43	670068	247.689	ug/l	99
60) Dibromochloromethane	10.87	129	183798	49.992	ug/l	97
61) 1,2-Dibromoethane	10.98	107	174853	49.003	ug/l	99
64) Tetrachloroethene	10.60	164	146760	47.934	ug/l	98
65) Chlorobenzene	11.40	112	480180	48.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	167184	49.120	ug/l	100
67) Ethyl Benzene	11.48	91	867400	52.179	ug/l	99
68) m/p-Xylenes	11.59	106	662445	103.029	ug/l	99
69) o-Xylene	11.92	106	315733	52.045	ug/l	98
70) Styrene	11.94	104	540557	53.429	ug/l	100
71) Bromoform	12.10	173	119755	49.487	ug/l #	97
73) Isopropylbenzene	12.22	105	842618	50.136	ug/l	100
74) N-amyl acetate	12.04	43	278745	45.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	245288	43.858	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	211802m	41.440	ug/l	
77) Bromobenzene	12.50	156	195573	46.872	ug/l	100
78) n-propylbenzene	12.56	91	984056	51.188	ug/l	100
79) 2-Chlorotoluene	12.65	91	570253	49.067	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	693292	50.887	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	83483	47.701	ug/l	99
82) 4-Chlorotoluene	12.75	91	592425	49.294	ug/l	99
83) tert-Butylbenzene	12.97	119	570667	48.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	706191	51.899	ug/l	99
85) sec-Butylbenzene	13.15	105	797286	51.749	ug/l	99
86) p-Isopropyltoluene	13.26	119	719043	53.269	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	356320	48.632	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	357228	47.298	ug/l	100
89) n-Butylbenzene	13.59	91	606997	54.089	ug/l	100
90) Hexachloroethane	13.85	117	127257	48.052	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	338317	47.617	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40464	45.164	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165227	53.233	ug/l	98
94) Hexachlorobutadiene	14.98	225	66970	49.678	ug/l	99
95) Naphthalene	15.10	128	446905	43.729	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	160694	50.633	ug/l	99

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

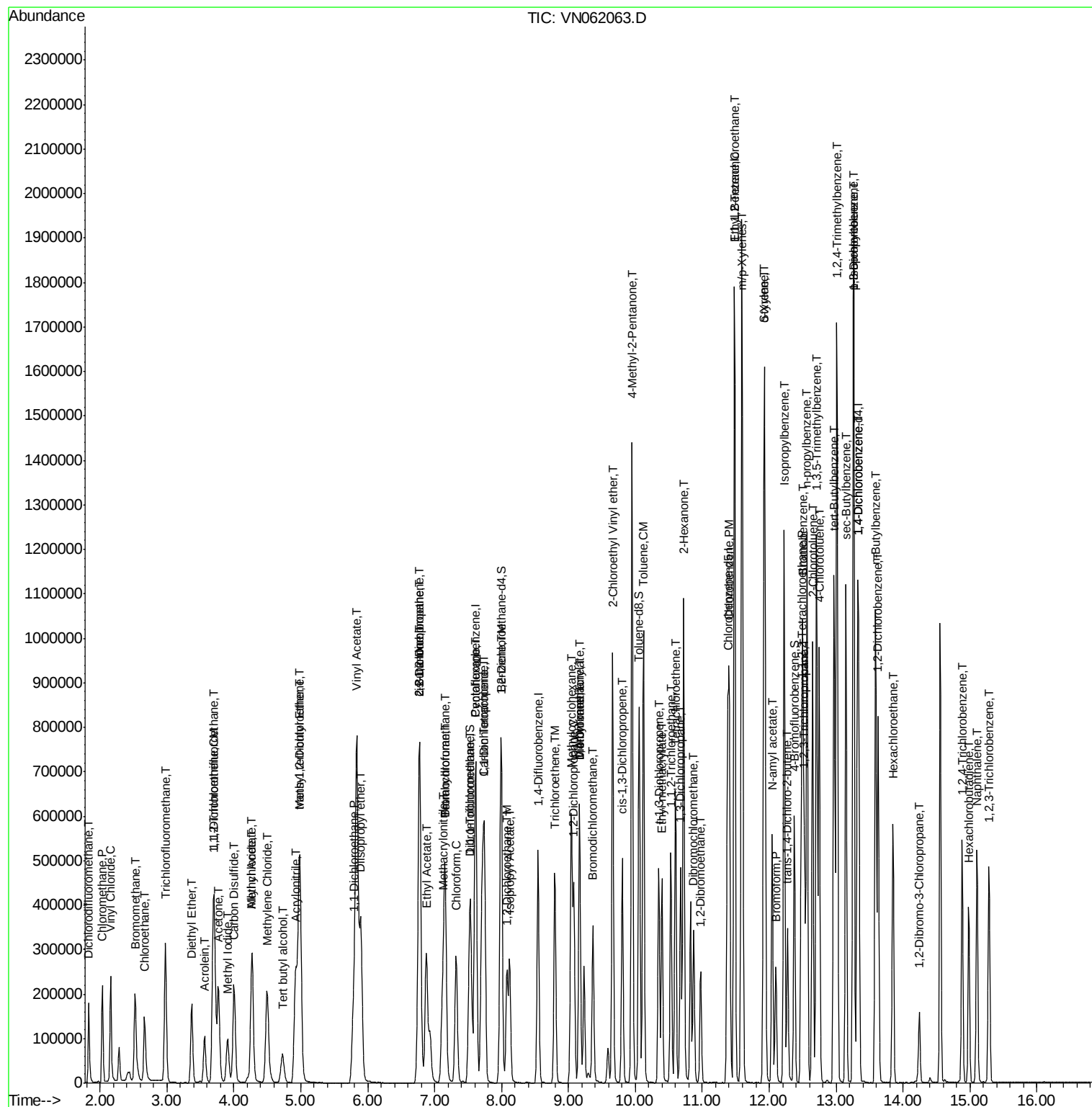
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 Data File : VN062063.D
 Acd On : 24 Jun 2020 14:45
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

Tot Ion:168 Resp: 274878

Ion Ratio Lower Upper

168 100

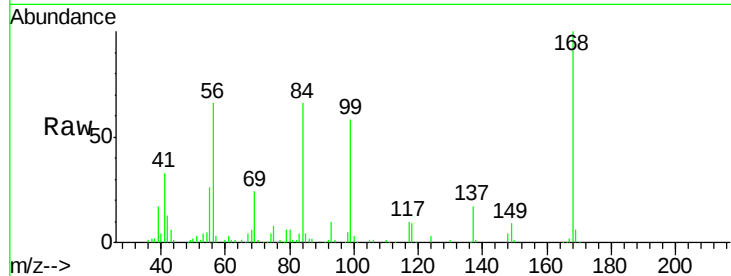
99 58.1 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

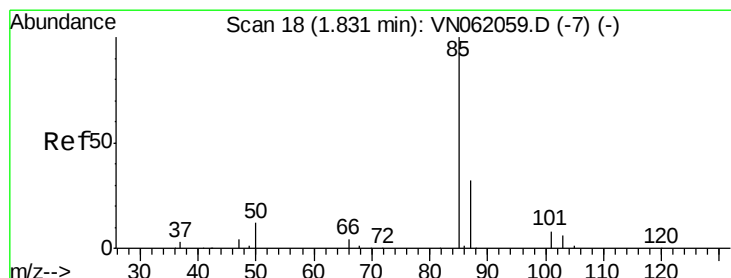
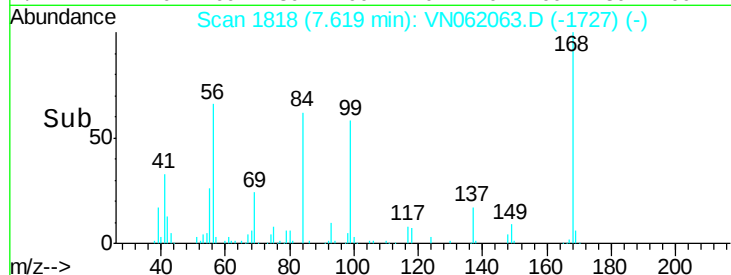
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.944 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062063.D

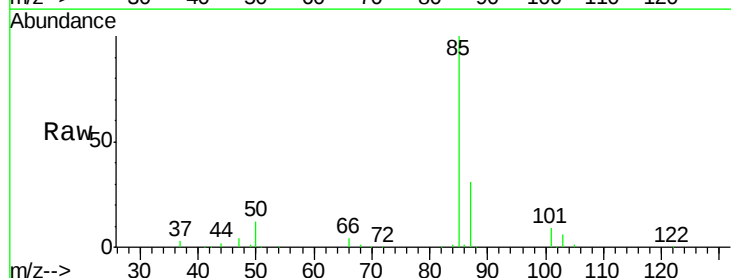
Acq: 24 Jun 2020 14:45

Tgt Ion: 85 Resp: 145856

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

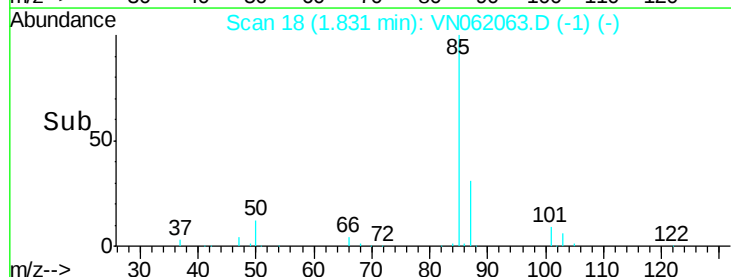
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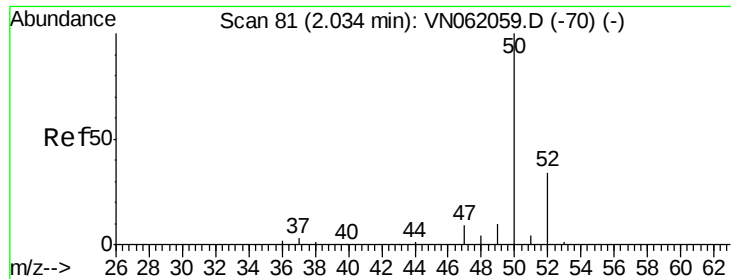
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 51.413 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

ICVVN062420

Tot Ion: 50 Resp: 187921

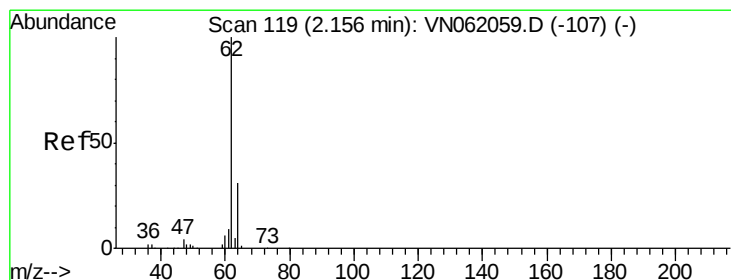
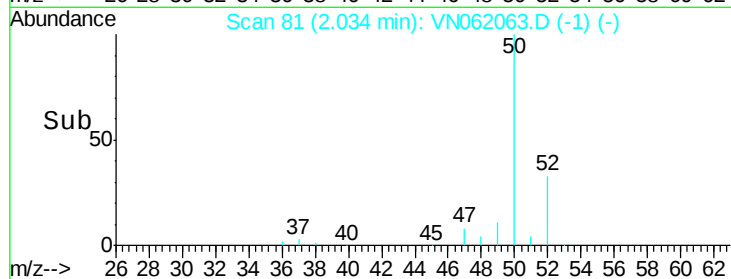
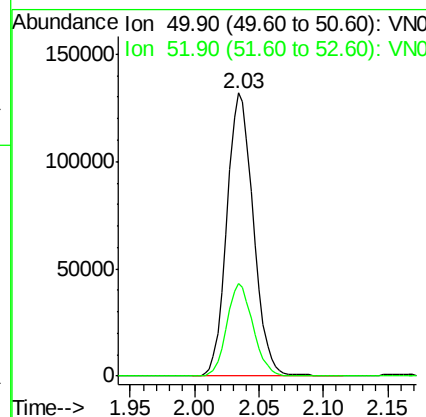
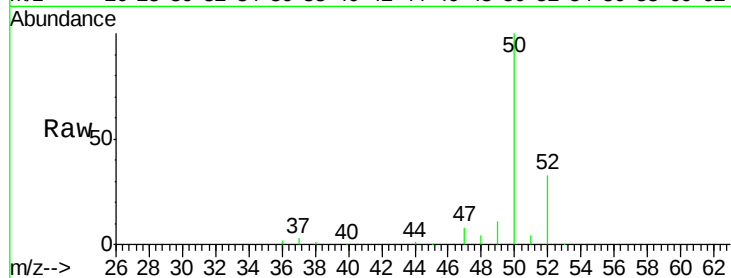
Ion Ratio Lower Upper

50 100

52 32.8 27.0 40.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.083 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062063.D

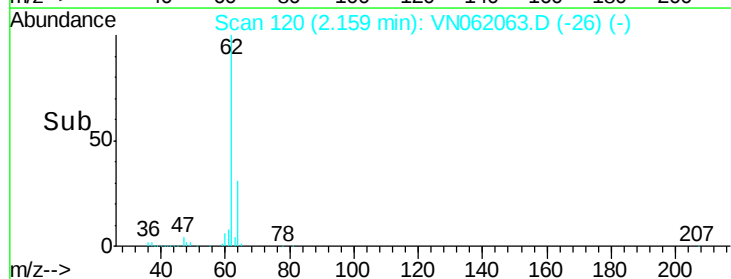
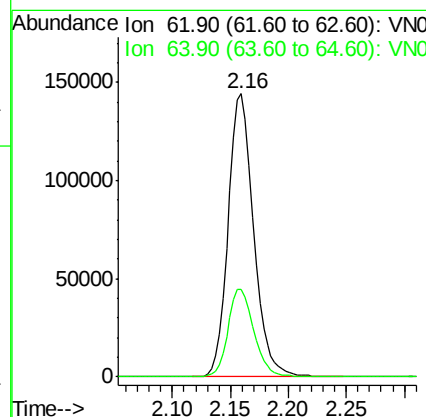
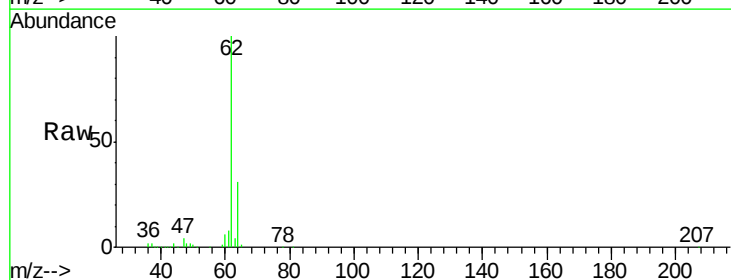
Acq: 24 Jun 2020 14:45

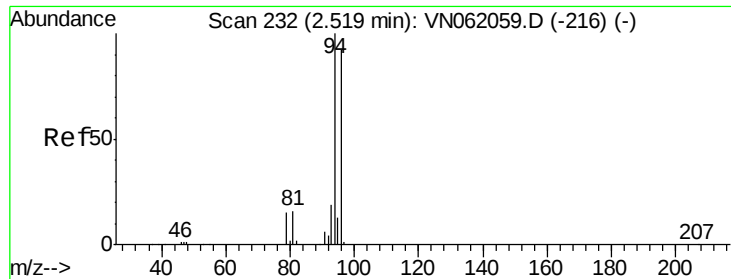
Tgt Ion: 62 Resp: 220587

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7





#5

Bromomethane

Concen: 48.866 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 154529

Ion Ratio Lower Upper

94 100

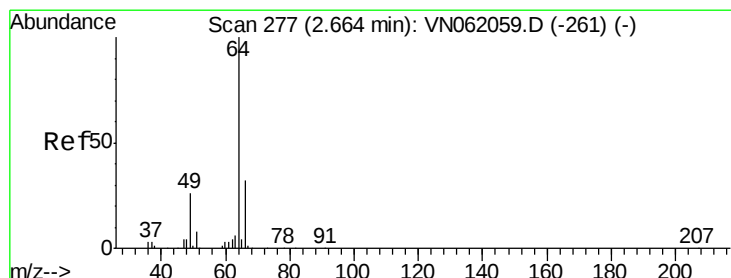
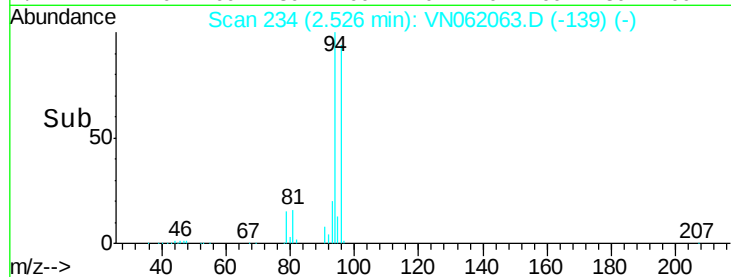
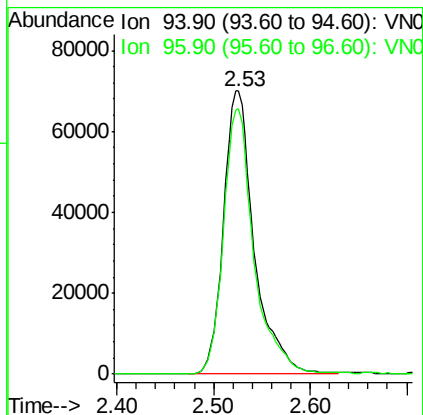
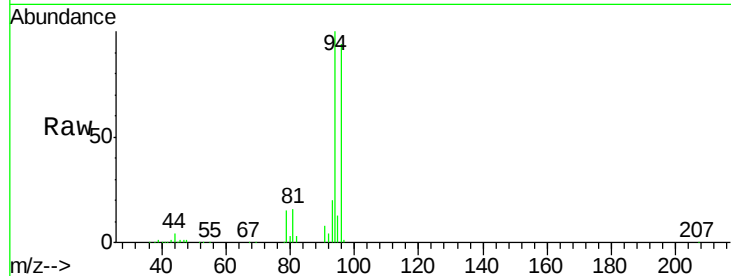
96 93.7 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 44.893 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062063.D

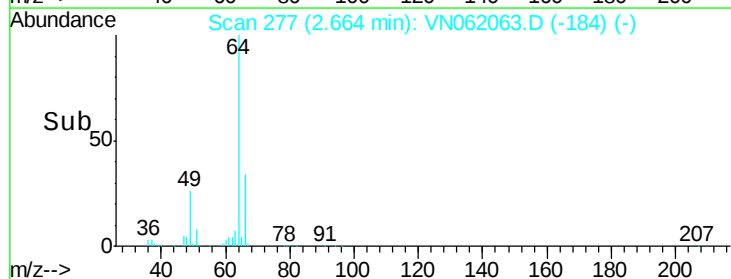
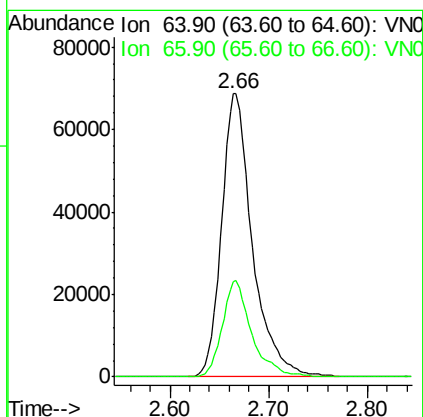
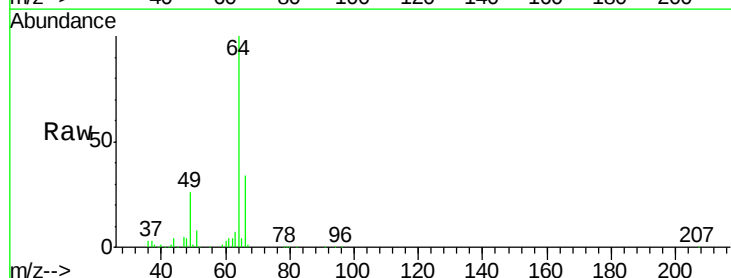
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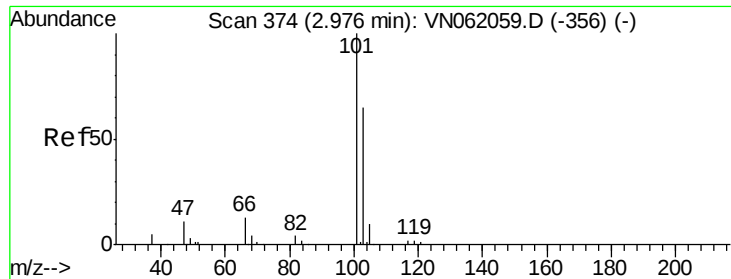
Tgt Ion: 64 Resp: 150053

Ion Ratio Lower Upper

64 100

66 33.8 25.8 38.6





#7

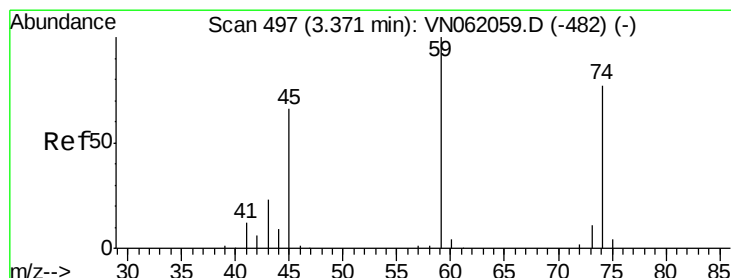
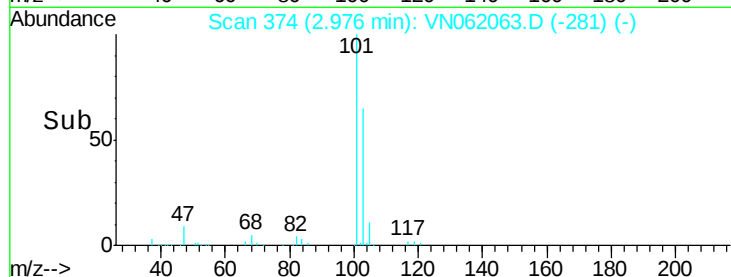
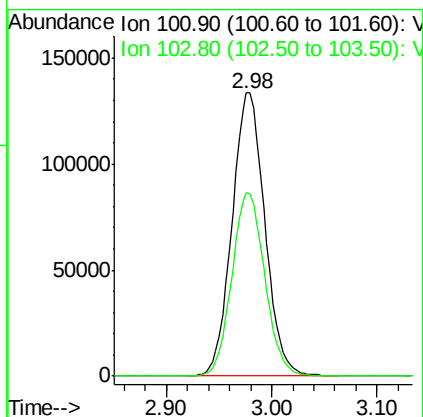
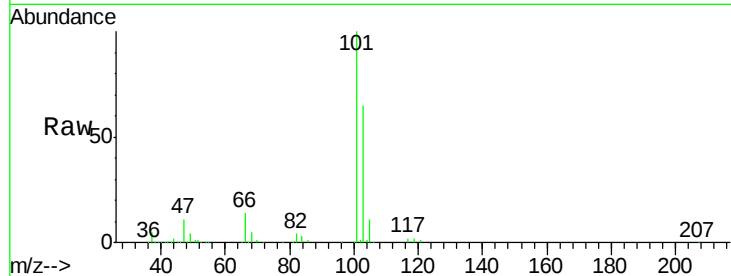
Trichlorofluoromethane
Concen: 47.812 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.6

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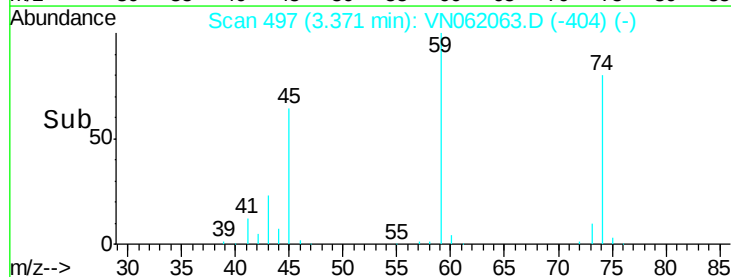
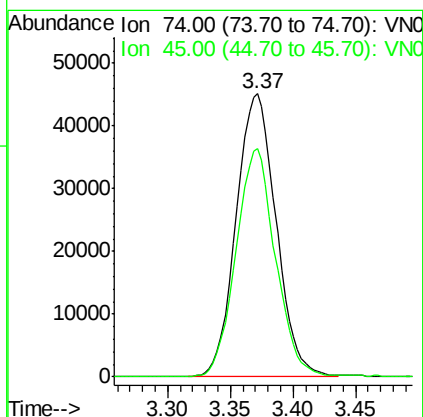
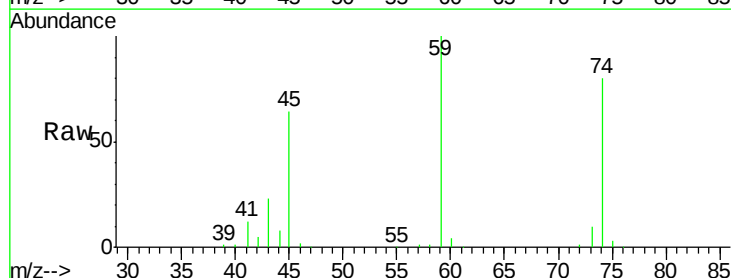
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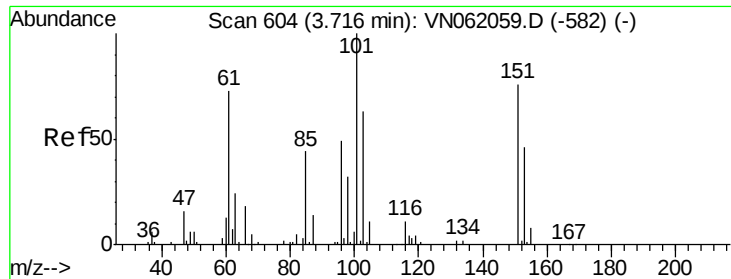


#8

Diethyl Ether
Concen: 47.581 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.7	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.287 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

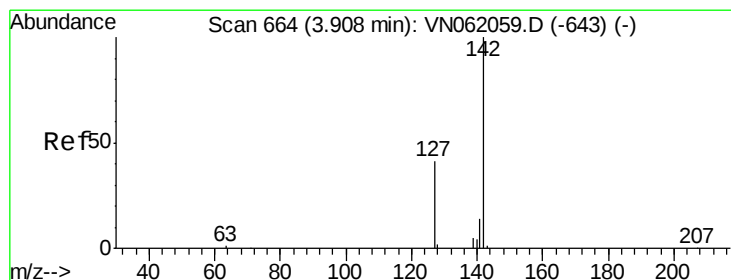
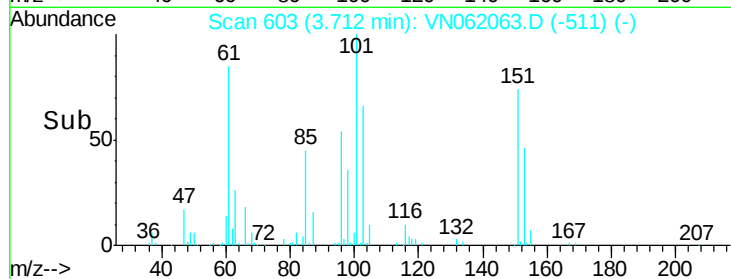
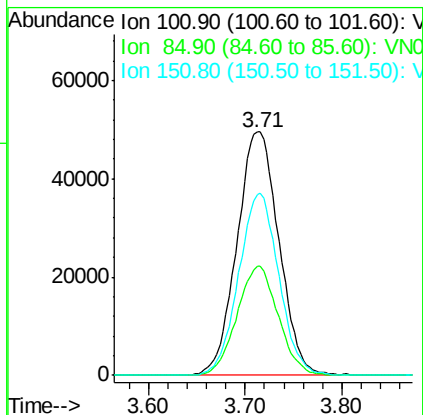
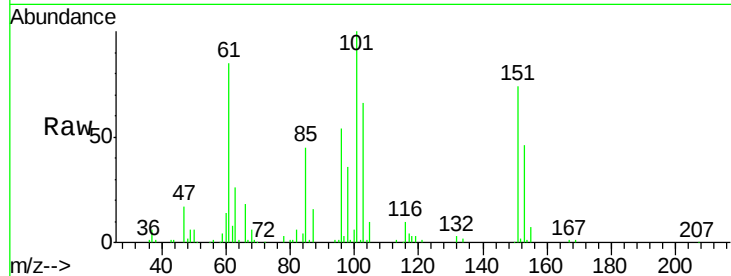
ClientSampleId :

ICVVN062420

Tot Ion:	101	Resp:	149297
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.5	51.7
151	71.9	57.8	86.8

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#10

Methyl Iodide

Concen: 48.517 ug/l

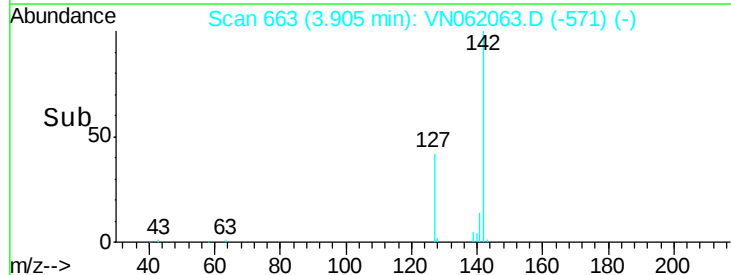
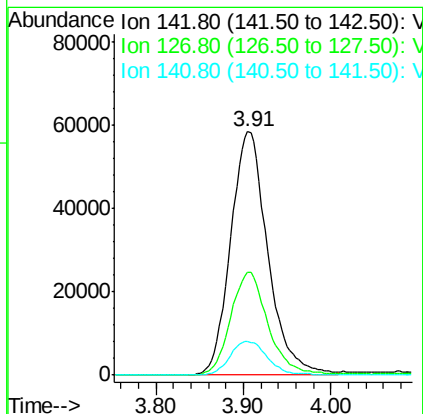
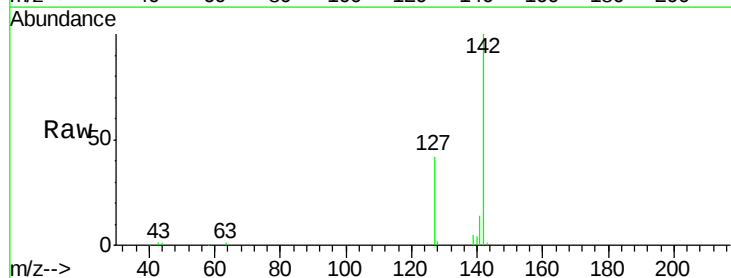
RT: 3.91 min Scan# 663

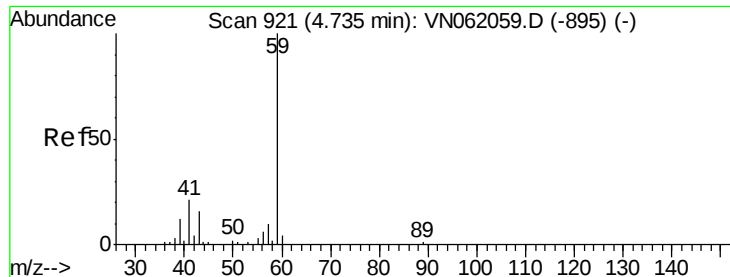
Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion:	142	Resp:	172514
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.6	50.4
141	13.6	11.3	16.9





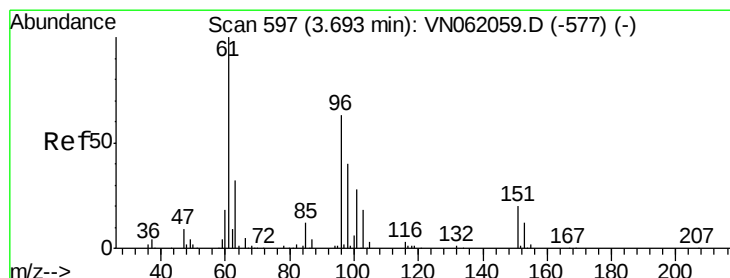
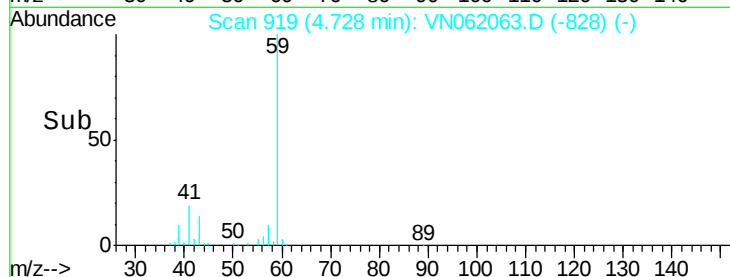
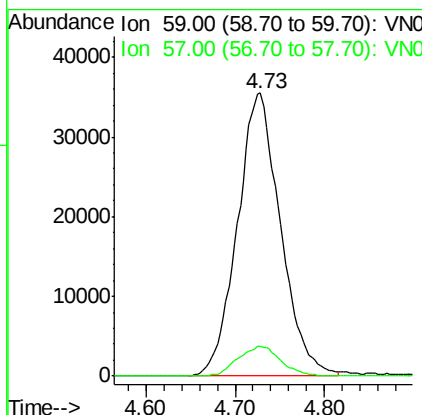
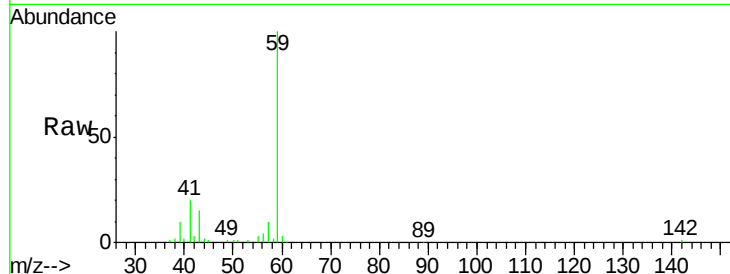
#11
Tert butyl alcohol
Concen: 215.286 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

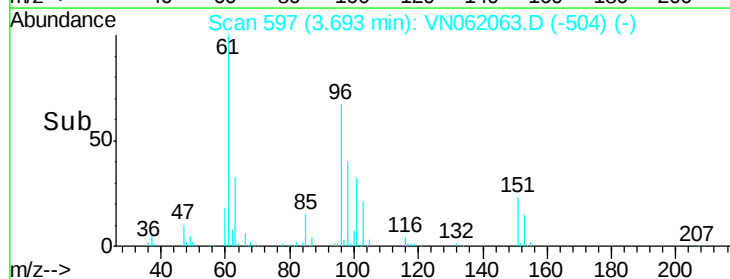
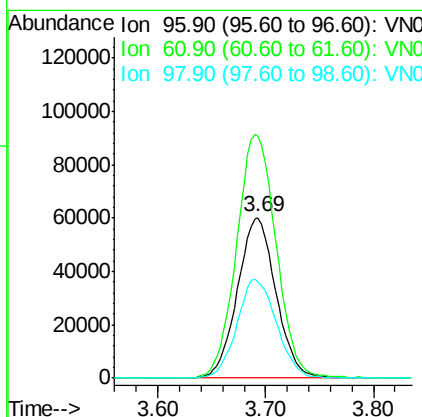
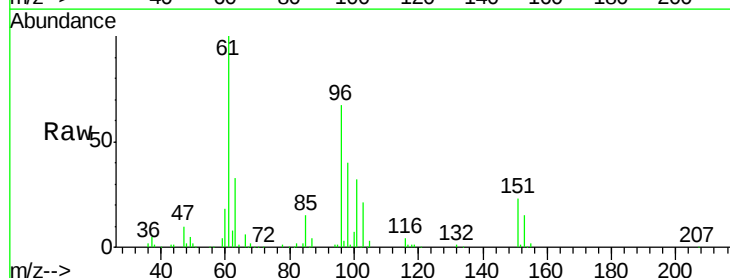
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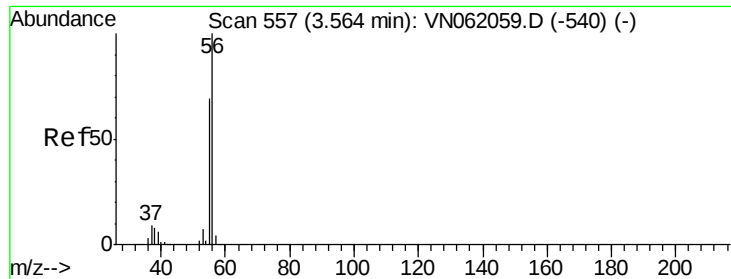
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.348 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.3	126.7	190.1
98	60.3	51.0	76.4





#13

Acrolein

Concen: 223.715 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

ICVVN062420

Tot Ion: 56 Resp: 121309

Ion Ratio Lower Upper

56 100

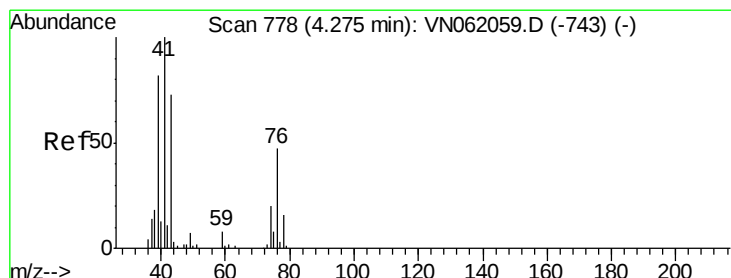
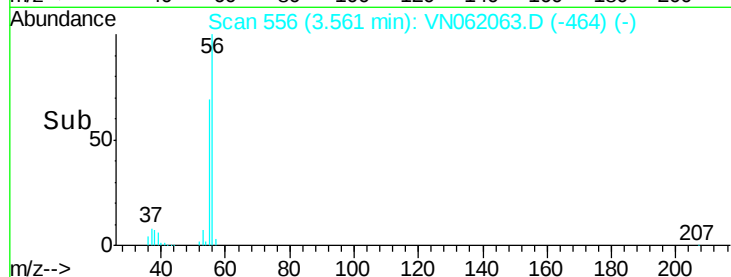
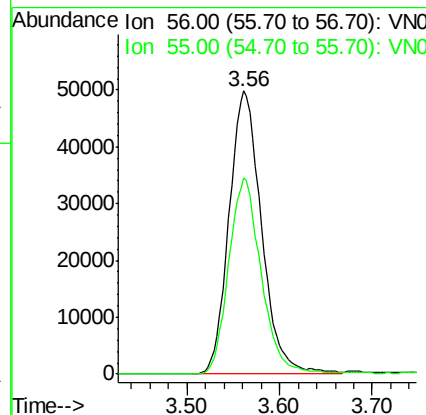
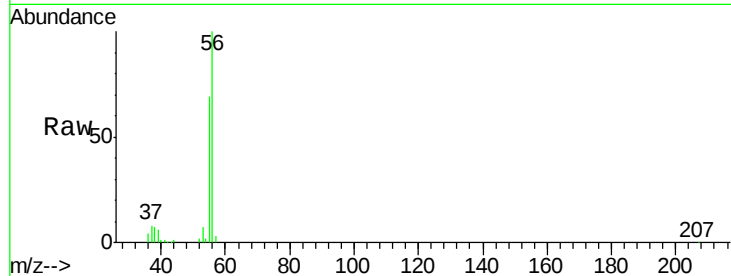
55 69.0 55.5 83.3

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#14

Allyl chloride

Concen: 48.628 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

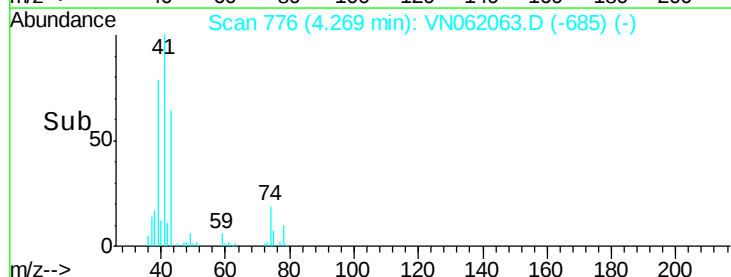
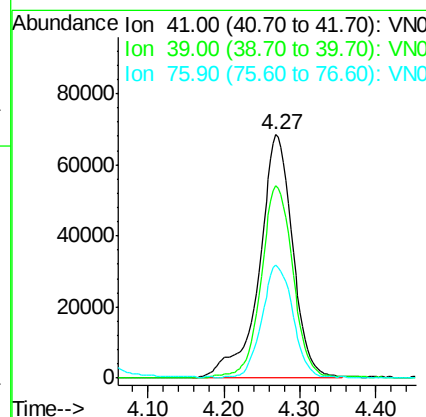
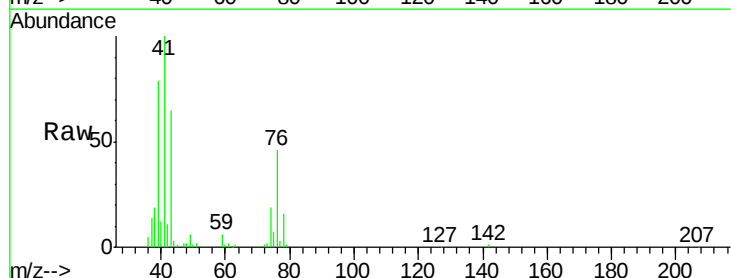
Tgt Ion: 41 Resp: 208966

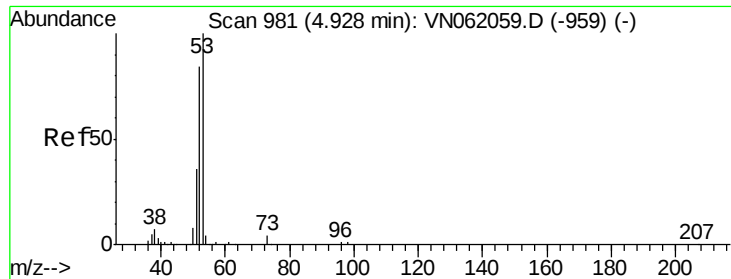
Ion Ratio Lower Upper

41 100

39 75.2 60.0 90.0

76 42.3 34.1 51.1





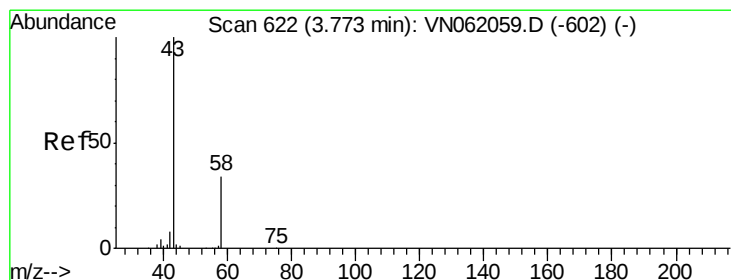
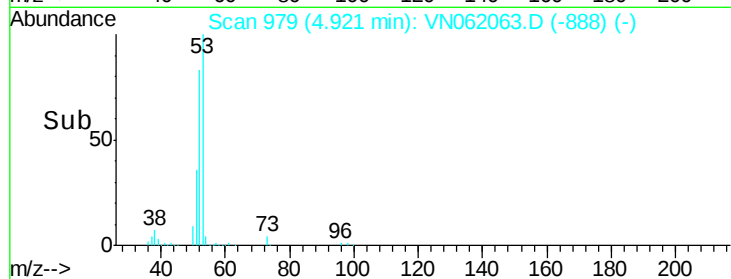
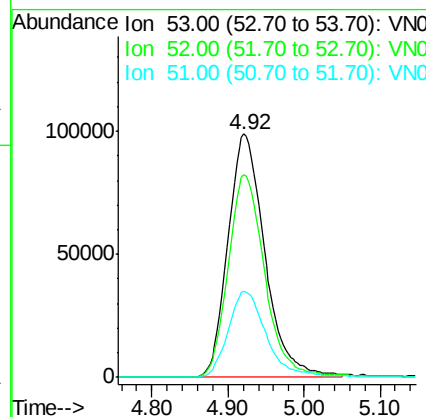
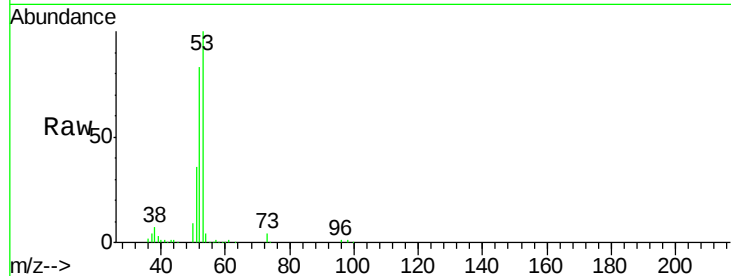
#15
 Acrylonitrile
 Concen: 221.615 ug/l
 RT: 4.92 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

Tot Ion:	53	Resp:	334473
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.2	99.4
51	36.2	28.9	43.3

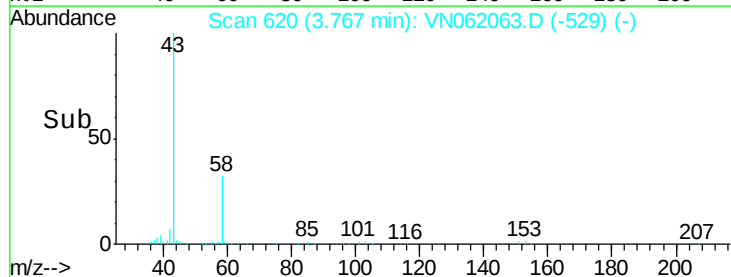
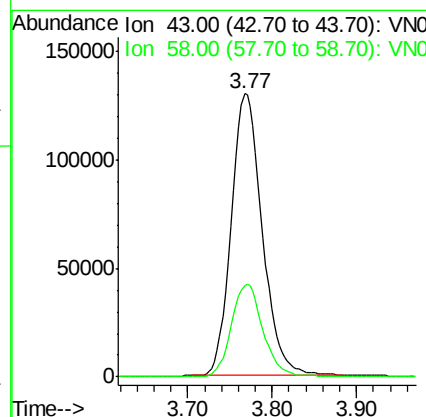
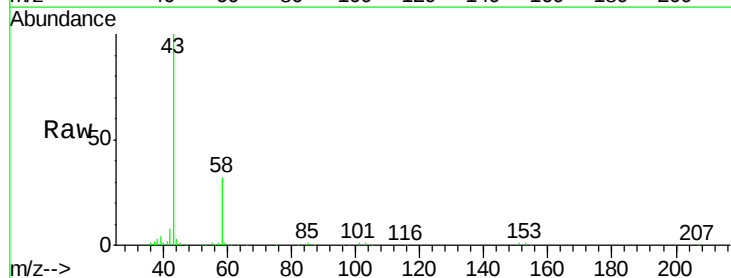
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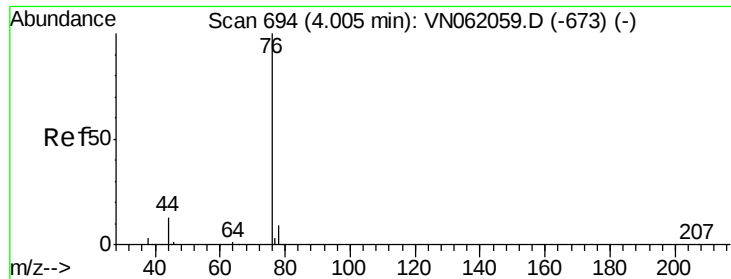
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#16
 Acetone
 Concen: 275.163 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion:	43	Resp:	332674
Ion	Ratio	Lower	Upper
43	100		
58	32.2	27.5	41.3





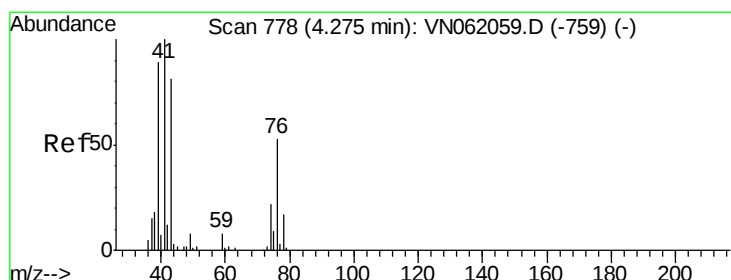
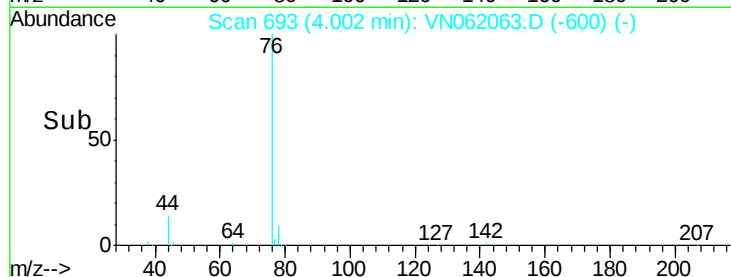
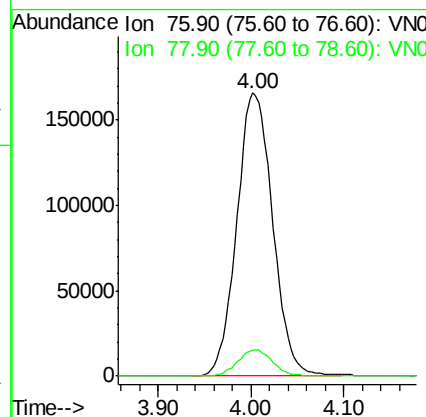
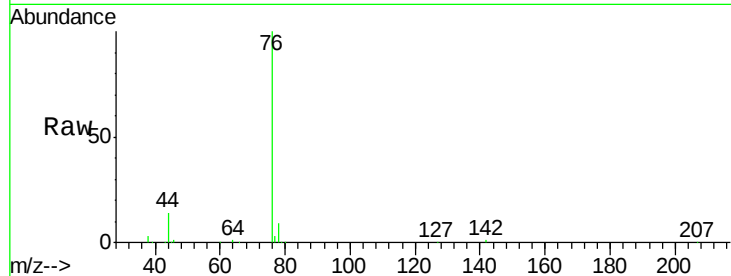
#17
Carbon Disulfide
Concen: 49.324 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

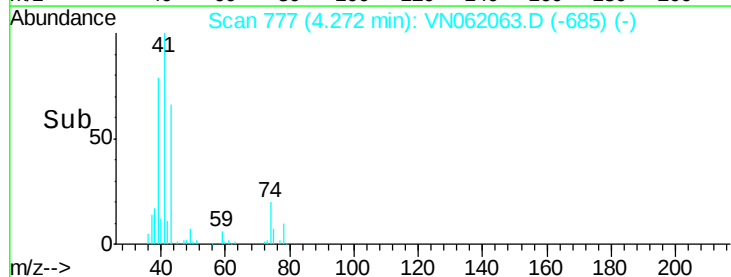
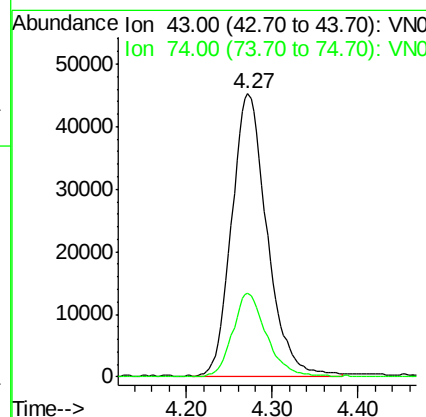
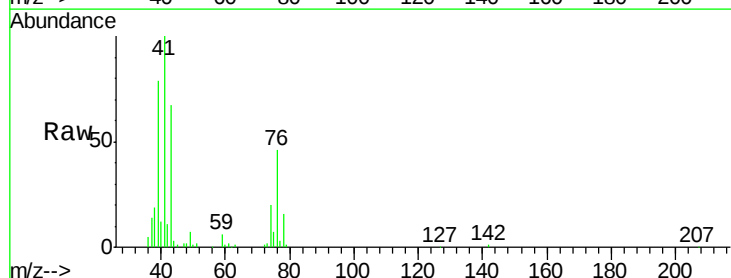
Manual Integrations
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#18
Methyl Acetate
Concen: 41.872 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.6	22.9	34.3





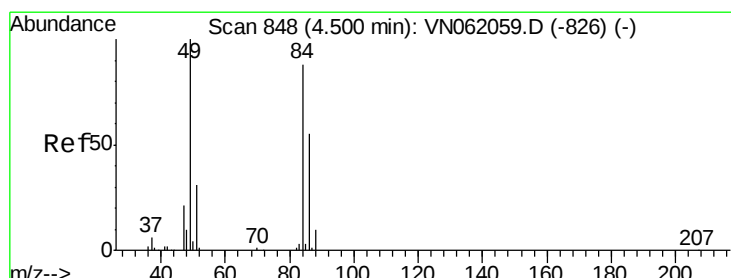
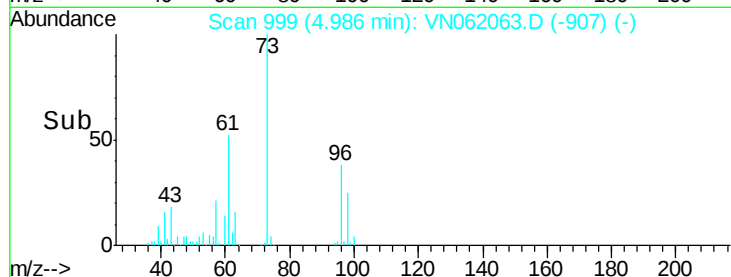
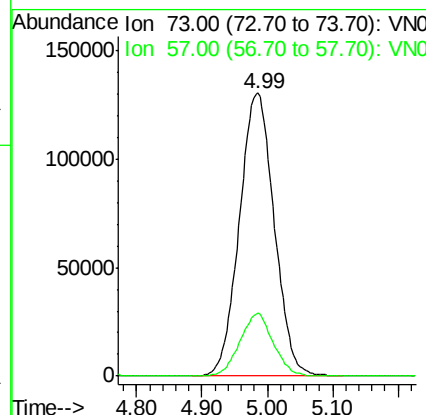
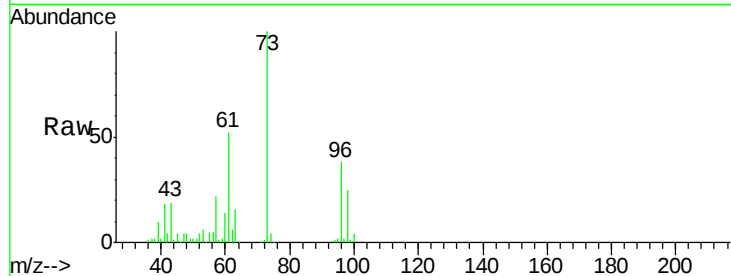
#19
Methvl tert-butvl Ether
Concen: 47.911 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion: 73 Resp: 483210
Ion Ratio Lower Upper
73 100
57 22.2 16.6 24.8

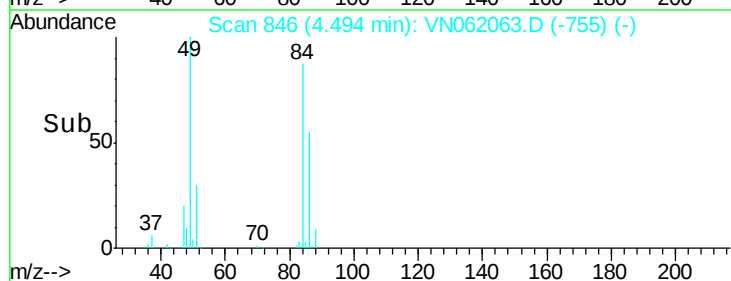
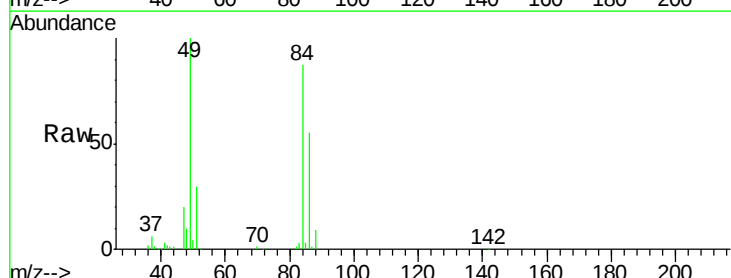
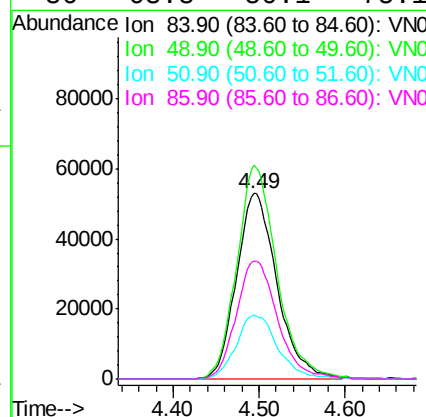
Manual Integrations
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#20
Methylene Chloride
Concen: 48.973 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 84 Resp: 173434
Ion Ratio Lower Upper
84 100
49 115.2 90.6 136.0
51 34.4 27.8 41.8
86 63.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 45.984 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

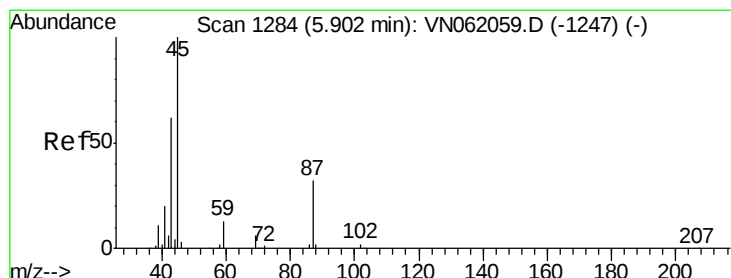
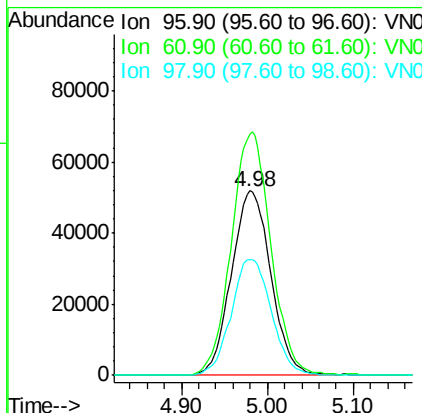
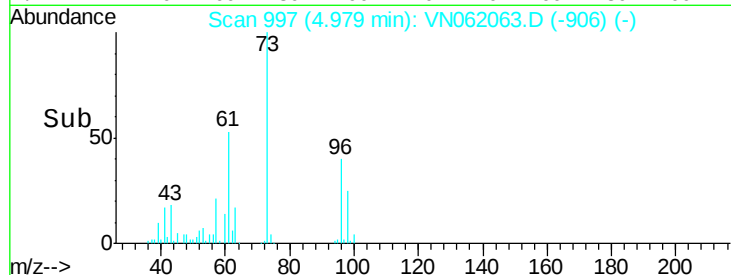
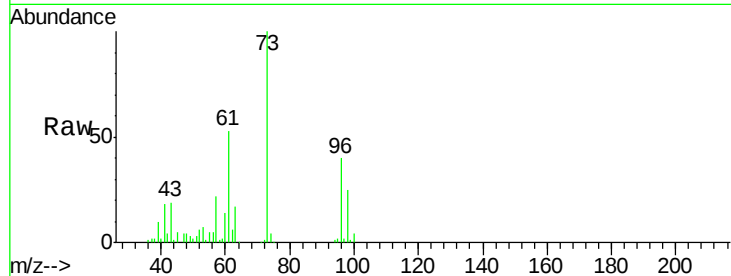
ClientSampleId :

ICVVN062420

Tot Ion:	96	Resp:	165341
Ion	Ratio	Lower	Upper
96	100		
61	130.6	101.4	152.2
98	63.0	49.3	73.9

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#22

Diisopropyl ether

Concen: 47.836 ug/l

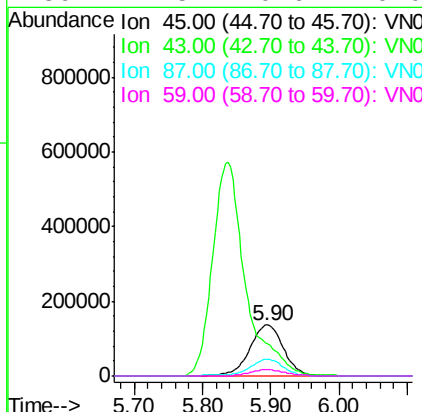
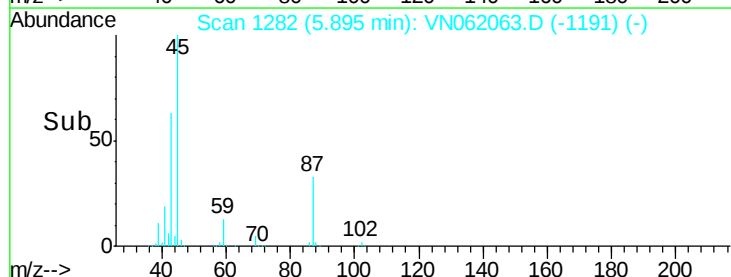
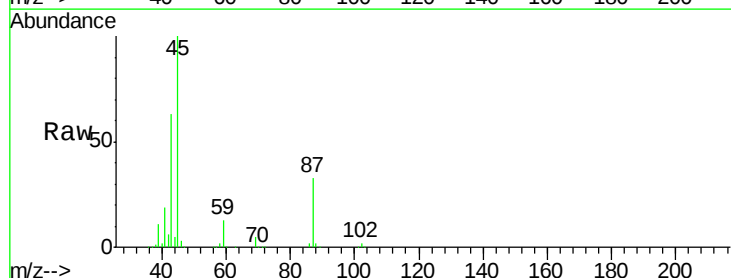
RT: 5.90 min Scan# 1282

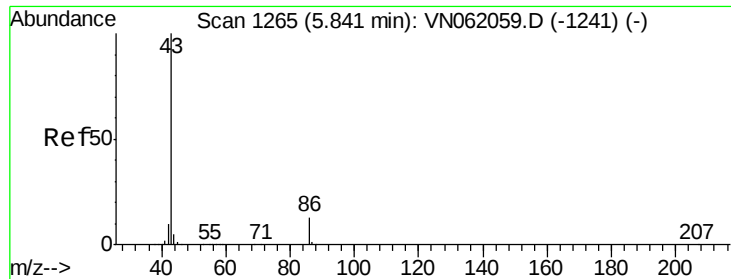
Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion:	45	Resp:	468046
Ion	Ratio	Lower	Upper
45	100		
43	61.5	49.7	74.5
87	32.5	25.9	38.9
59	12.5	10.6	16.0





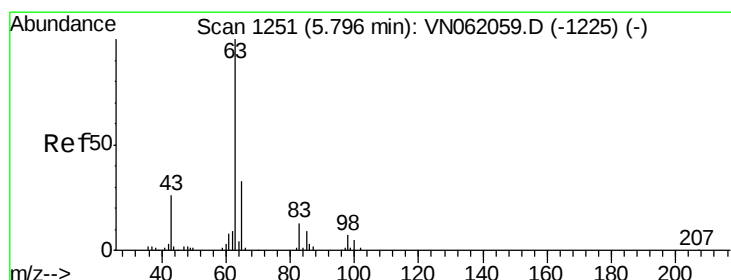
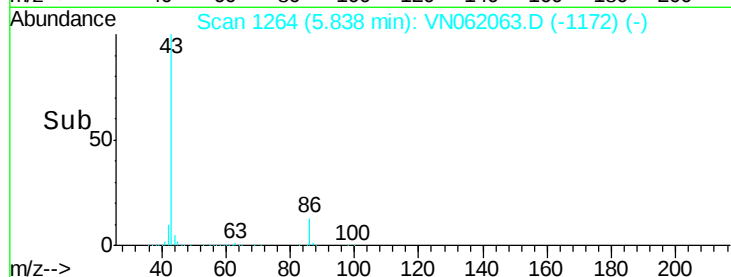
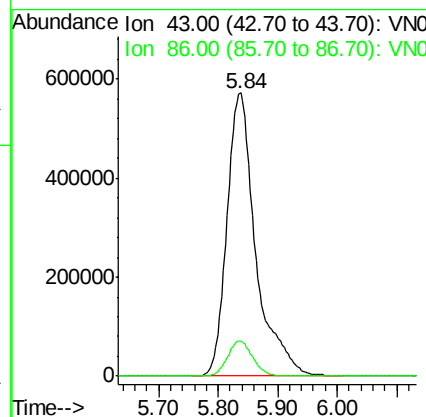
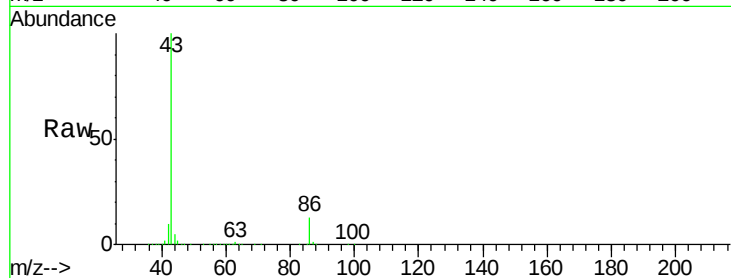
#23
 Vinyl Acetate
 Concen: 240.889 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

Tot Ion: 43 Resp: 1924308
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.1 15.1

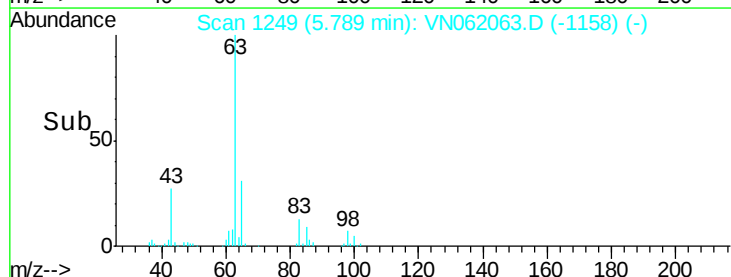
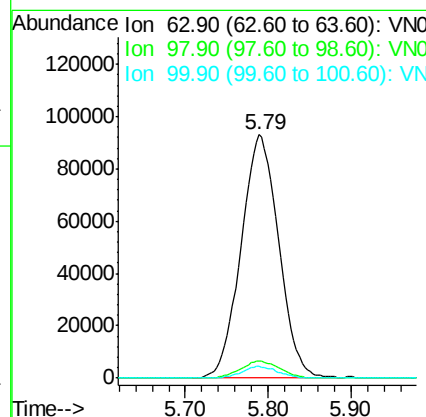
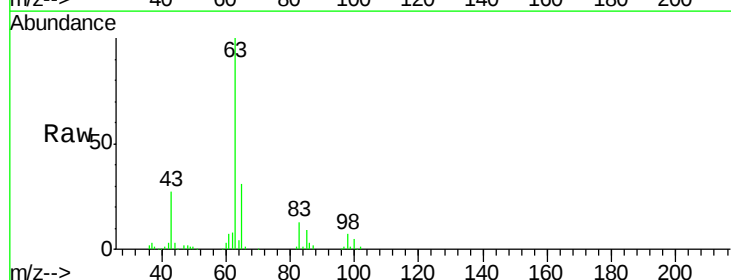
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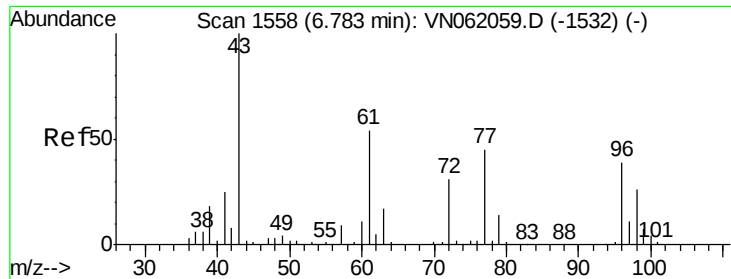
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 46.615 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion: 63 Resp: 293698
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.7 2.4 7.1





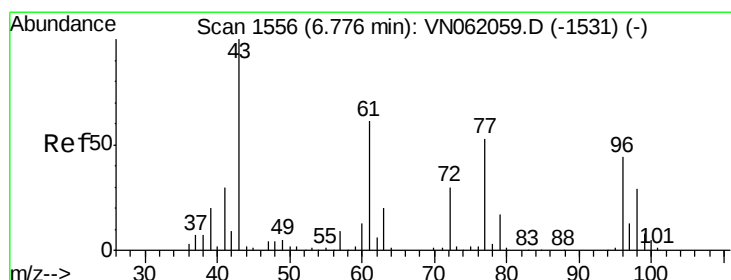
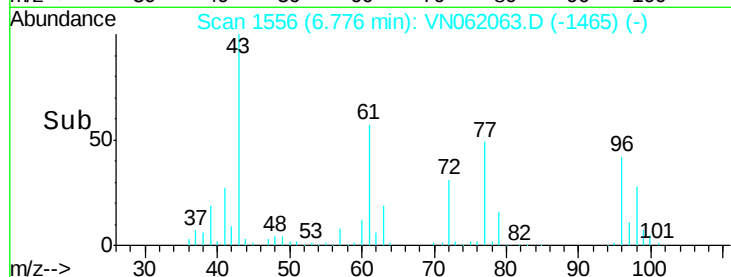
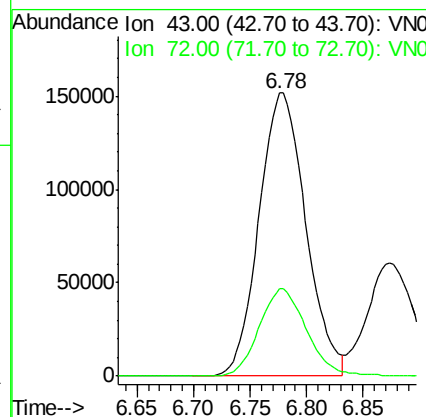
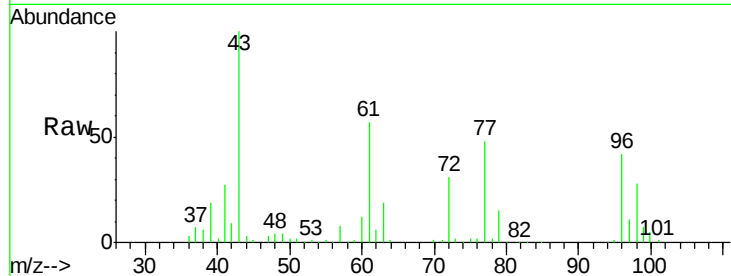
#25
2-Butanone
Concen: 230.229 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion: 43 Resp: 434091
Ion Ratio Lower Upper
43 100
72 31.0 24.8 37.2

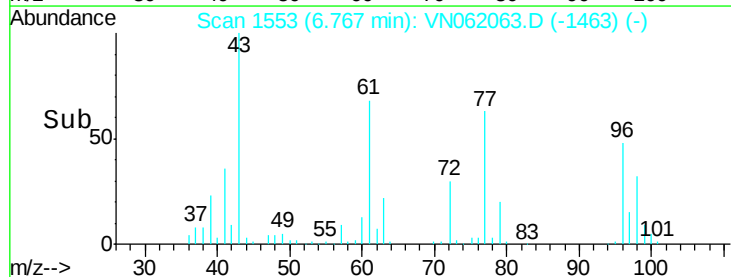
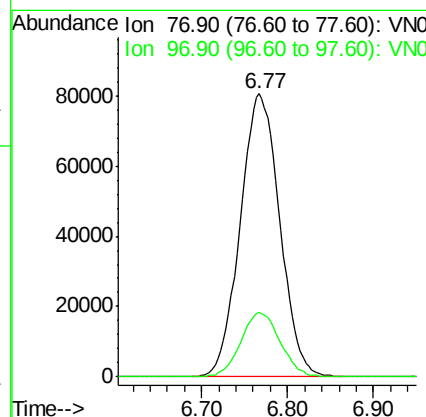
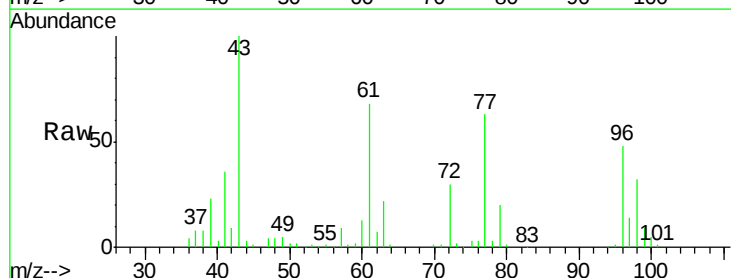
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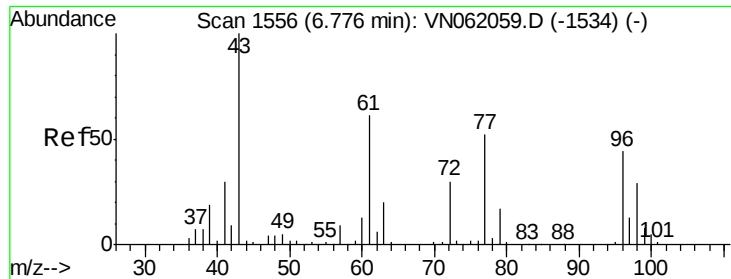
MMDadoda
6/25/2020 6:10:20 PM



#26
2,2-Dichloropropane
Concen: 48.966 ug/l
RT: 6.77 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 77 Resp: 257085
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 47.119 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

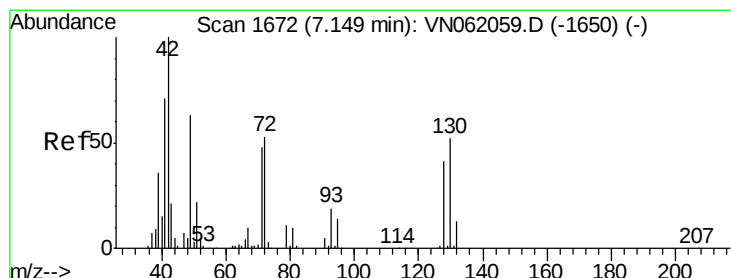
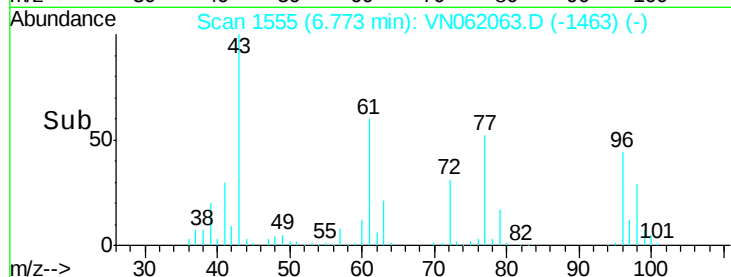
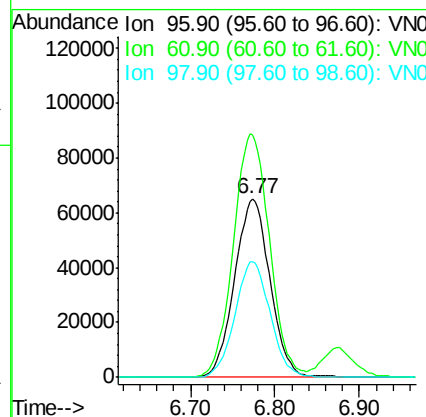
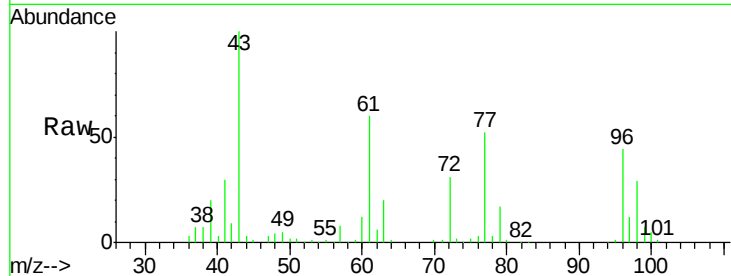
ClientSampleId :

ICVVN062420

Tot Ion:	96	Resp:	190643
Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	280.4
98	64.3	0.0	129.4

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#28

Bromochloromethane

Concen: 43.348 ug/l

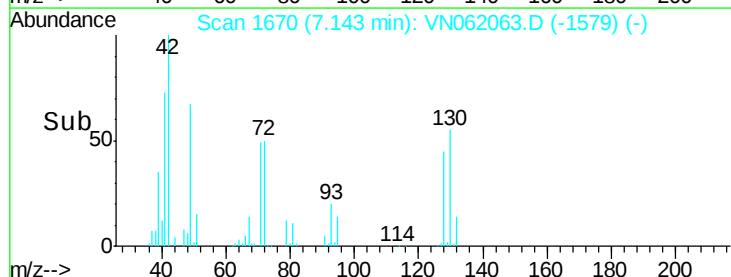
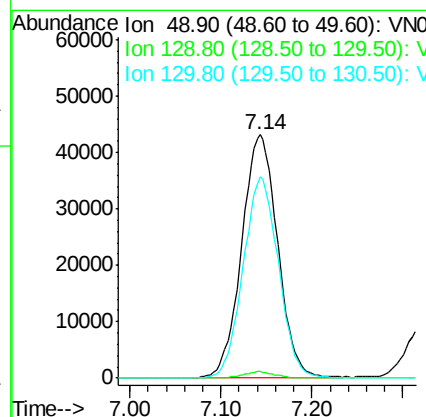
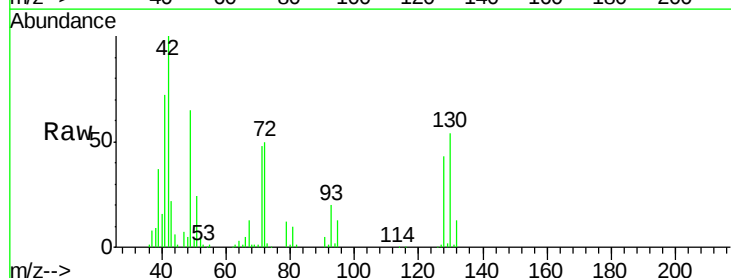
RT: 7.14 min Scan# 1670

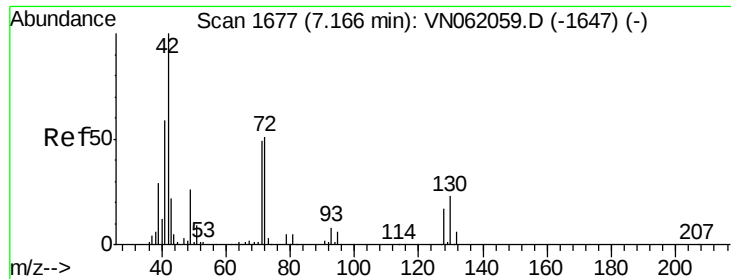
Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion:	49	Resp:	118499
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	80.9	65.5	98.3





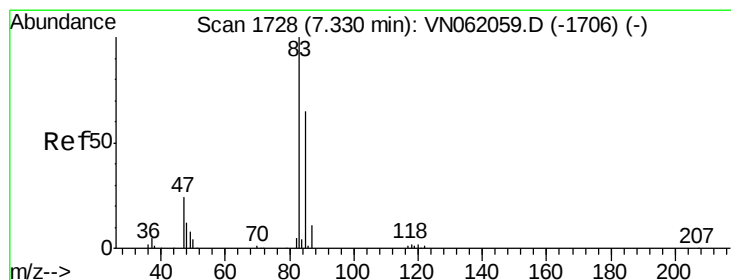
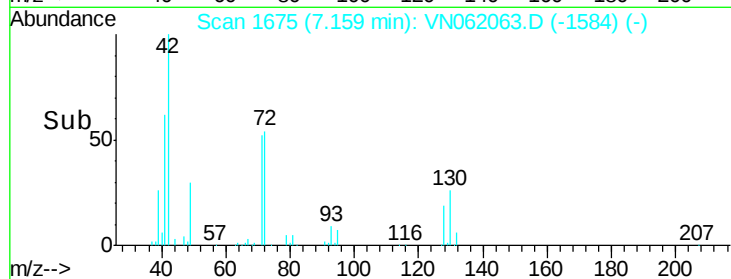
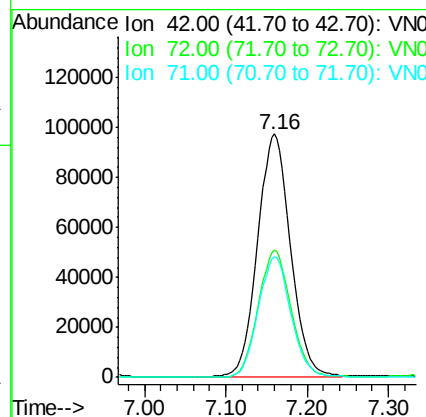
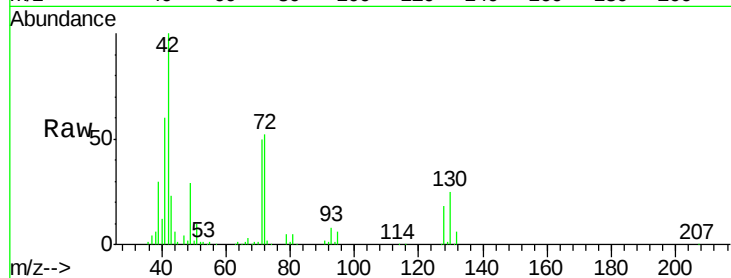
#29
Tetrahydrofuran
Concen: 221.598 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.9	41.1	61.7
71	49.1	38.2	57.4

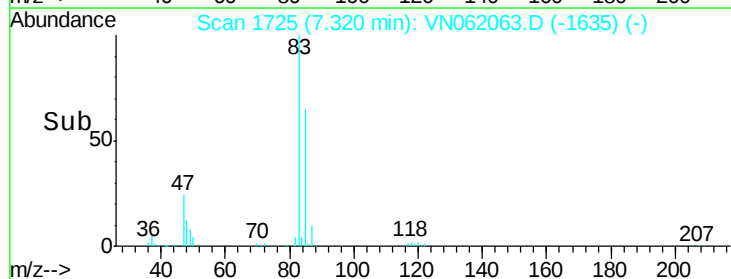
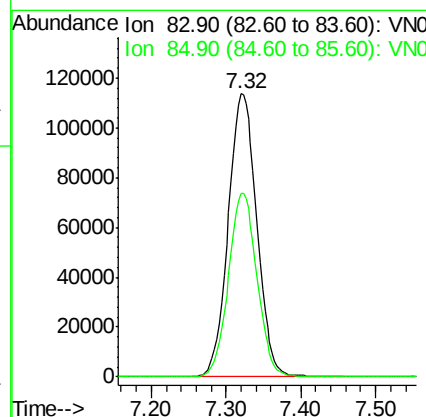
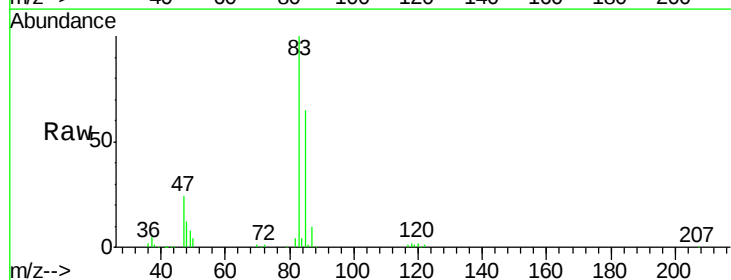
Manual Integrations
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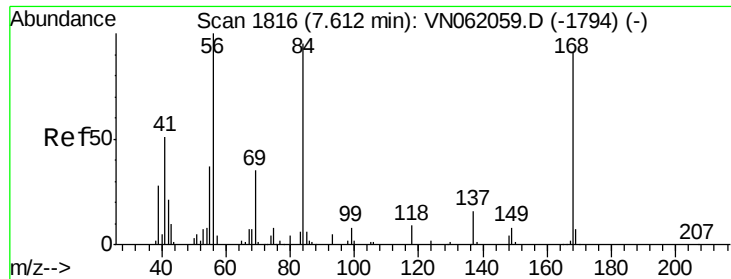
MMDadoda
6/25/2020 6:10:20 PM



#30
Chloroform
Concen: 46.967 ug/l
RT: 7.32 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.3	78.5





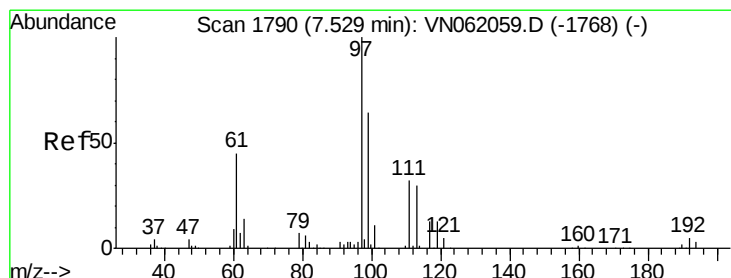
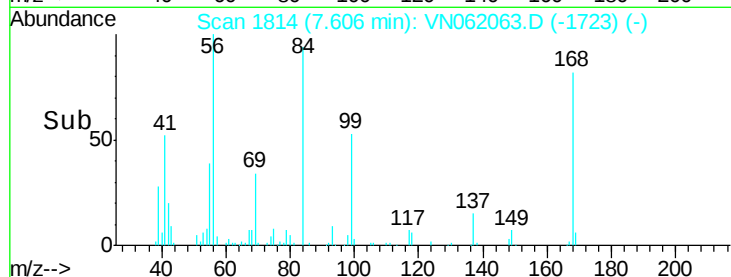
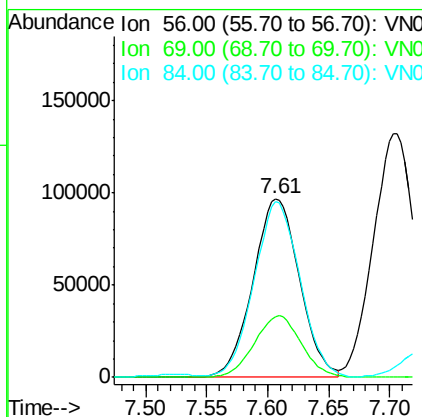
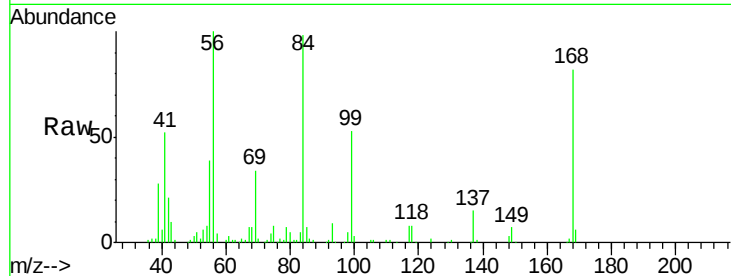
#31
Cyclohexane
Concen: 48.059 ug/l
RT: 7.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampled :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	28.0	42.0
84	97.0	76.1	114.1

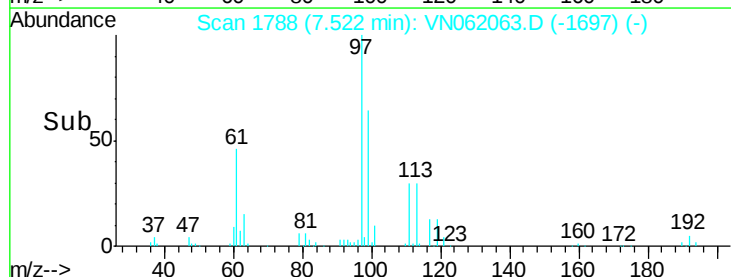
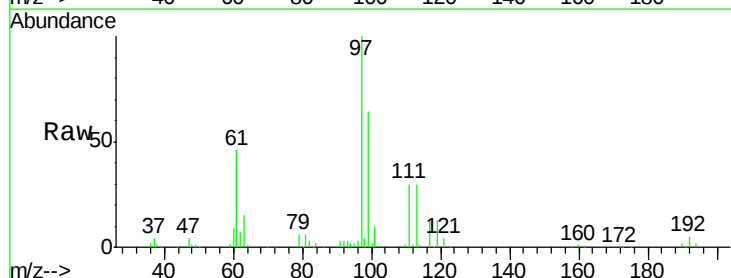
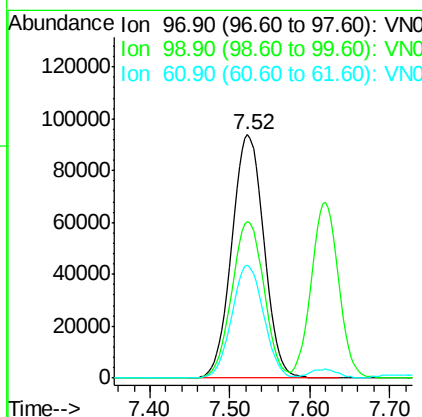
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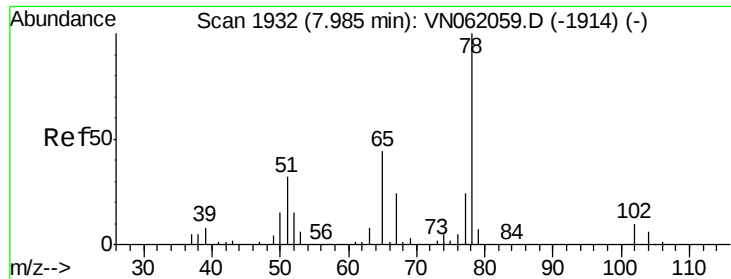
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#32
1,1,1-Trichloroethane
Concen: 47.241 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	45.9	36.2	54.2





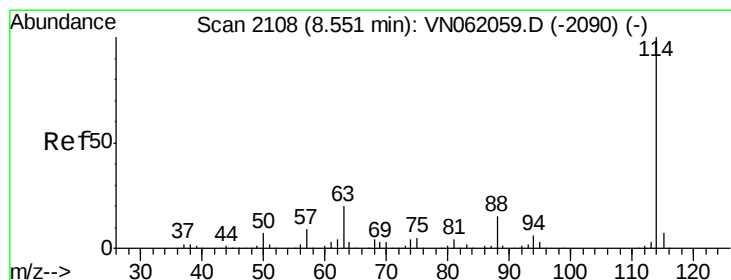
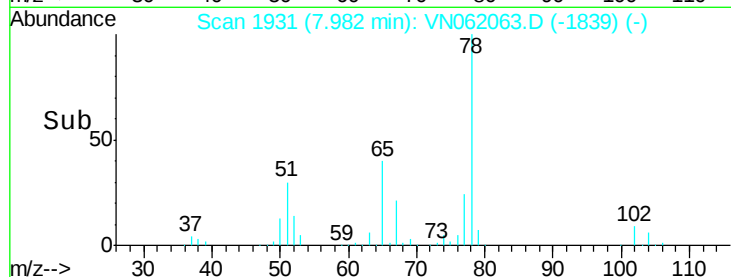
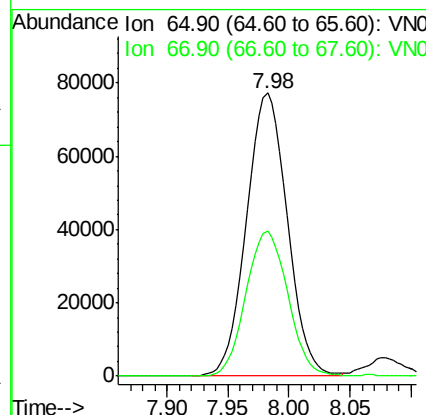
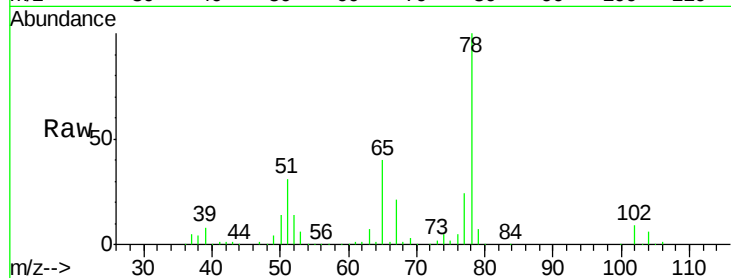
#33
 1,2-Dichloroethane-d4
 Concen: 46.460 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN062420

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179218		
67	52.4	0.0	106.2	

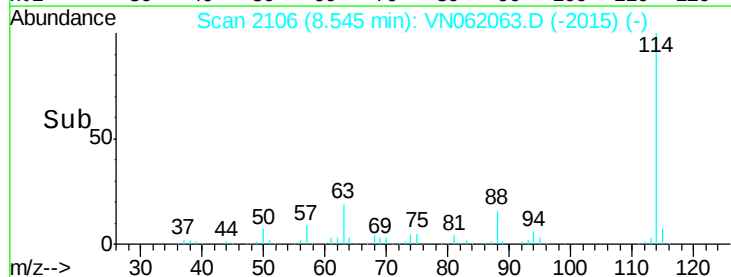
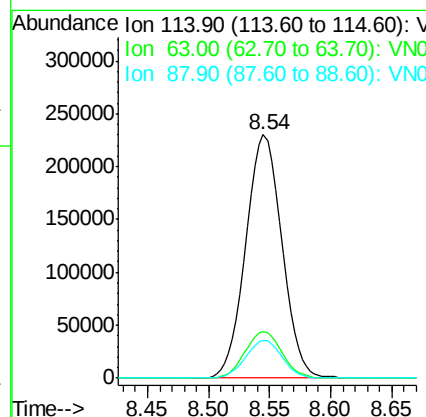
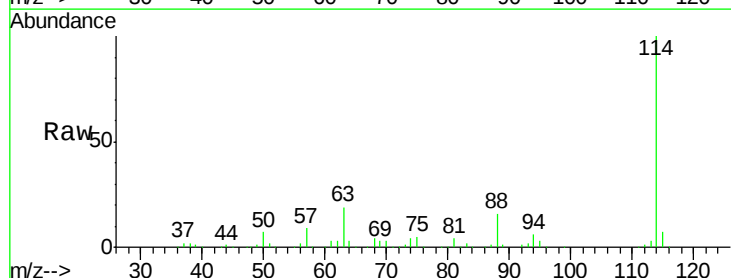
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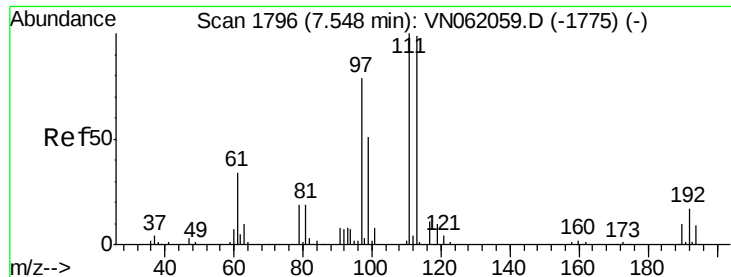
MMDadoda
 6/25/2020 6:10:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	472598		
63	19.1	0.0	39.2	
88	15.7	0.0	30.8	





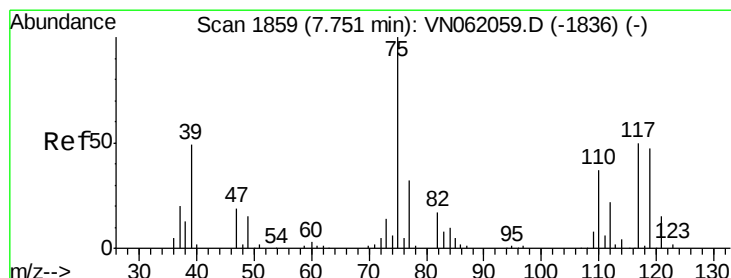
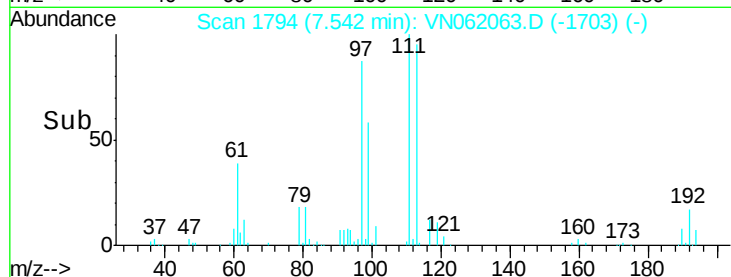
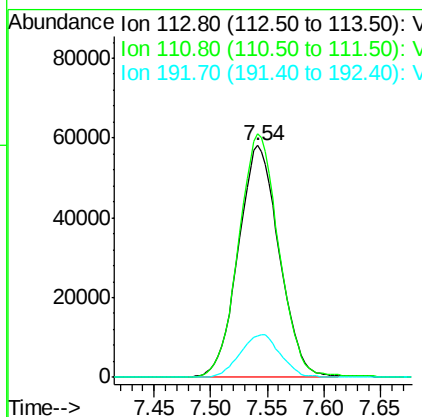
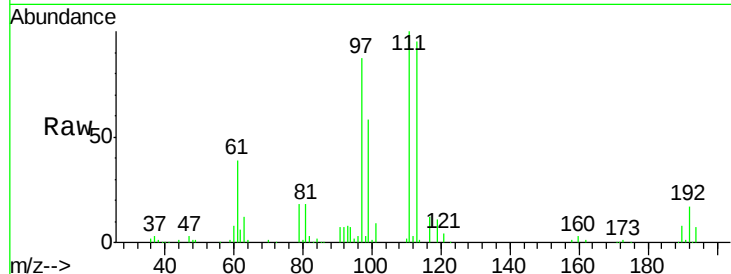
#35
 Dibromofluoromethane
 Concen: 48.154 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146000		
111	103.8	82.2	123.4	
192	18.2	14.0	21.0	

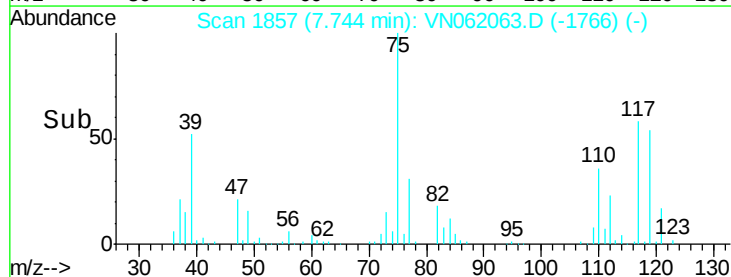
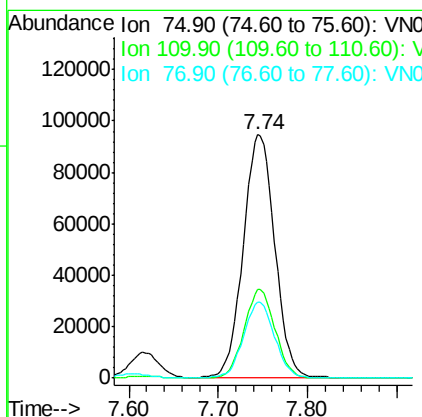
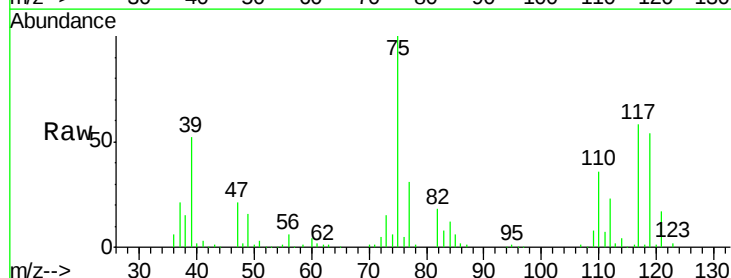
Manual Integrations
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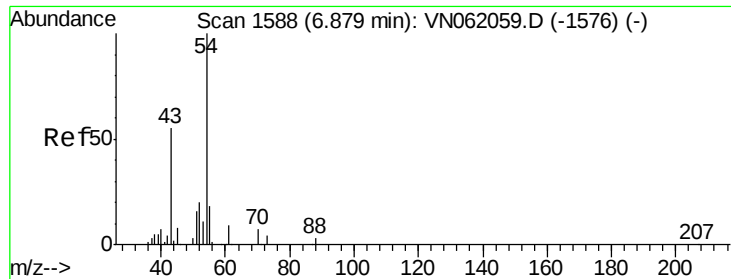
MMDadoda
 6/25/2020 6:10:20 PM



#36
 1,1-Dichloropropene
 Concen: 48.785 ug/l
 RT: 7.74 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	231746		
110	35.8	17.9	53.8	
77	31.1	24.9	37.3	





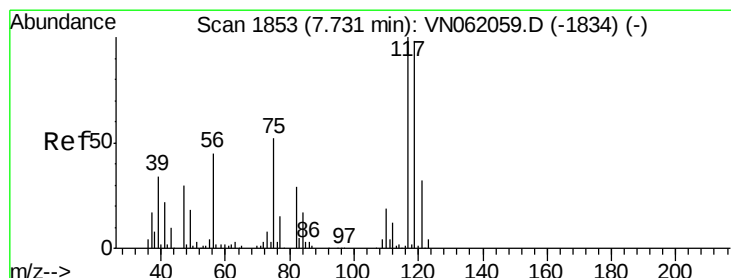
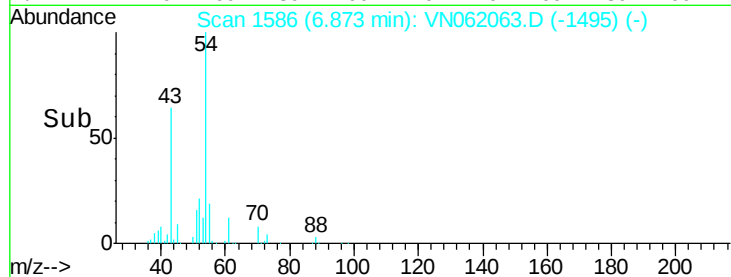
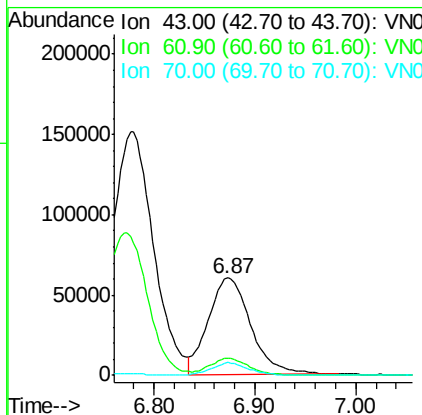
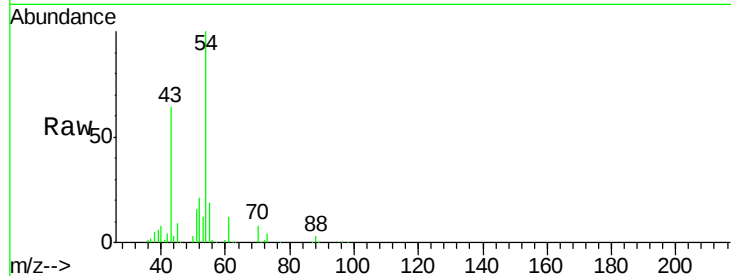
#37
Ethyl Acetate
Concen: 44.851 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.8	12.0	18.0
70	11.6	9.6	14.4

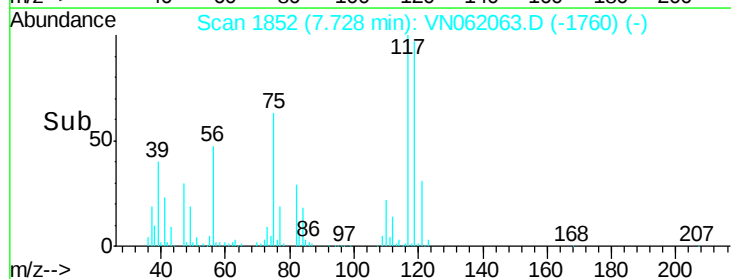
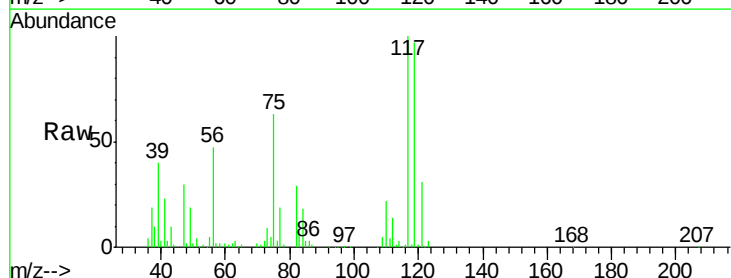
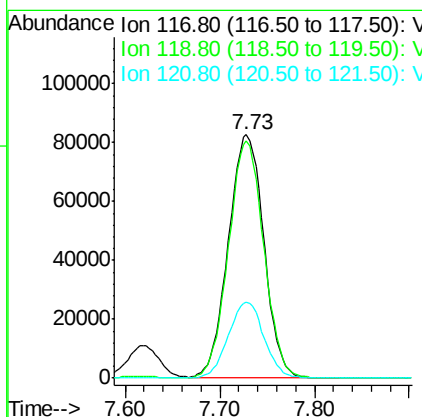
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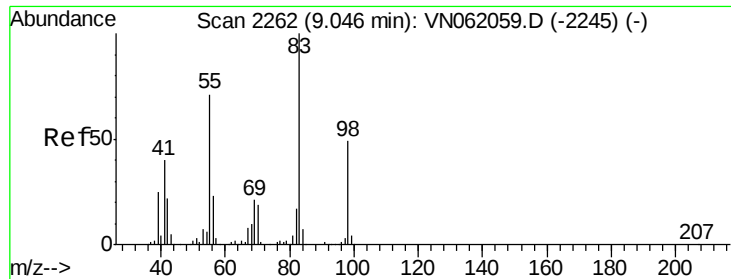
MMDadoda
6/25/2020 6:10:20 PM



#38
Carbon Tetrachloride
Concen: 48.369 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.2	117.2
121	31.1	25.8	38.6





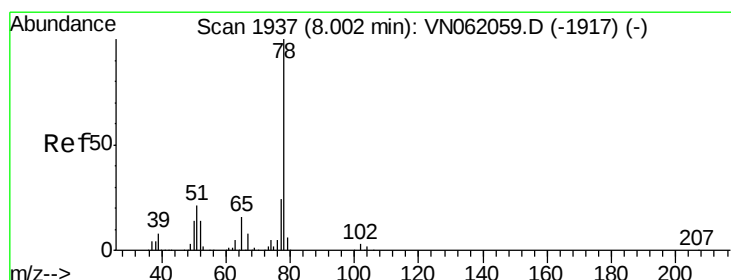
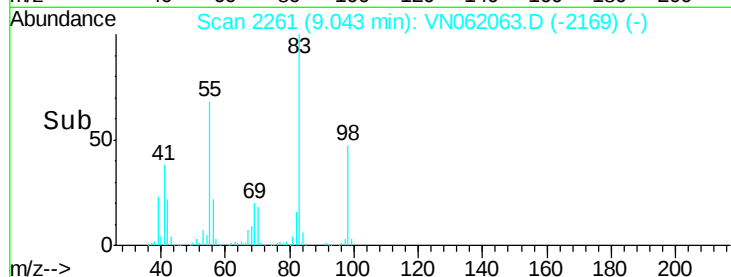
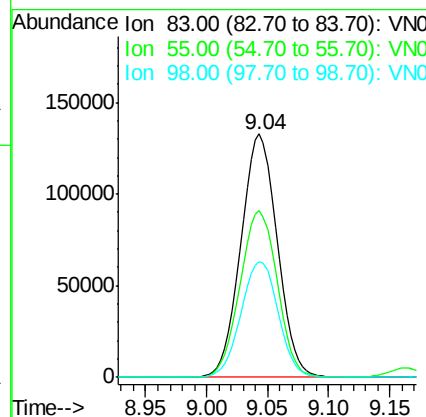
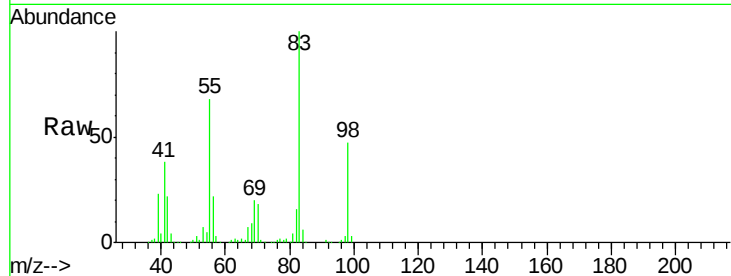
#39
Methvlcvclohexane
Concen: 52.799 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Resp	Lower	Upper
83	100	274810		
55	68.4		57.0	85.6
98	47.4		39.0	58.6

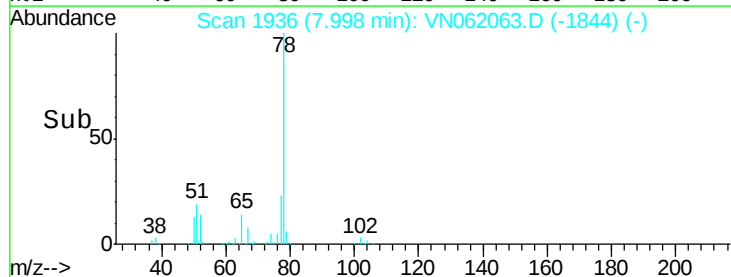
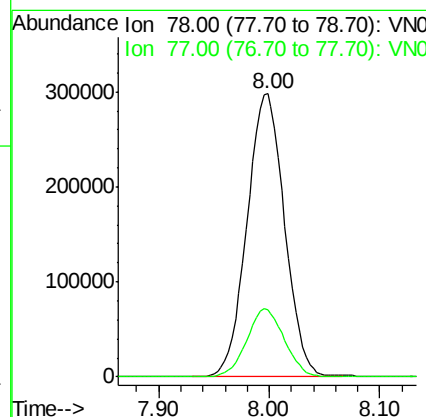
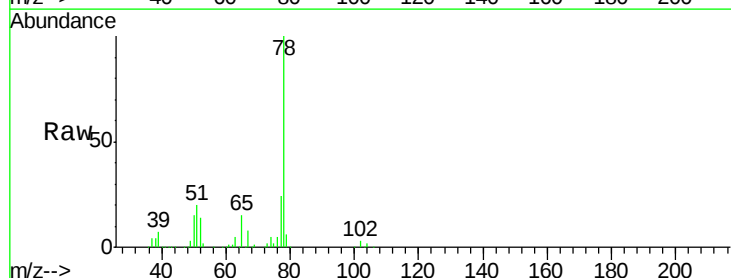
Manual Integrations
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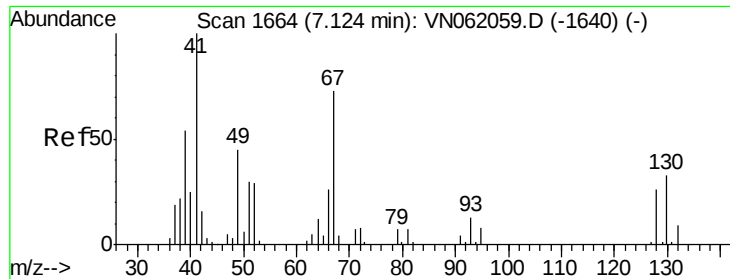
MMDadoda
6/25/2020 6:10:20 PM



#40
Benzene
Concen: 48.497 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	702176		
77	23.8		19.5	29.3





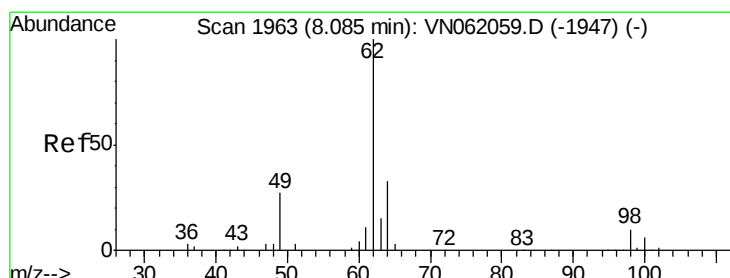
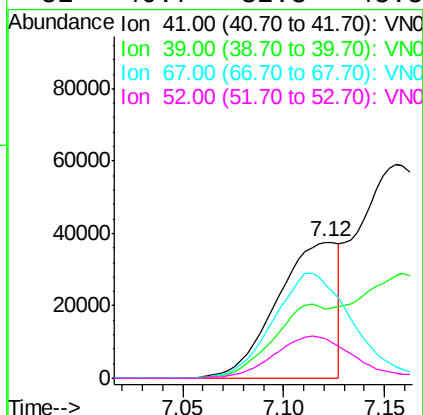
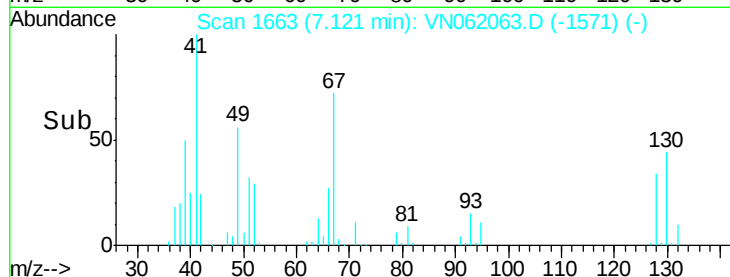
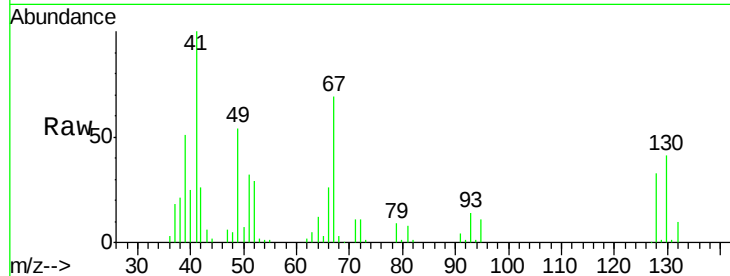
#41
Methacrylonitrile
Concen: 43.346 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	41	Resp	79045
Ion	Ratio	Lower	Upper
41	100		
39	46.0	44.2	66.2
67	100.4	79.5	119.3
52	40.7	32.3	48.5

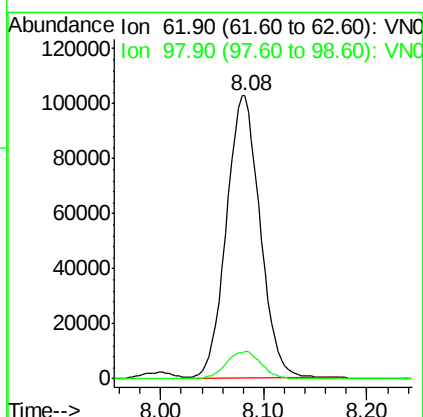
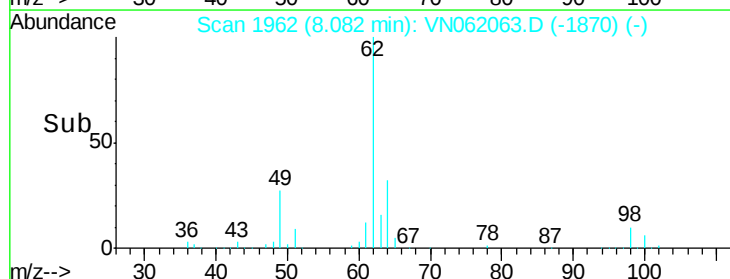
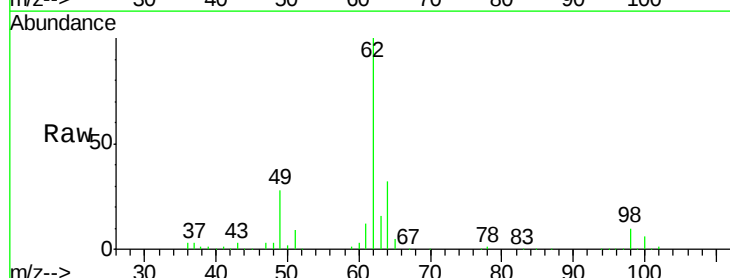
Manual Integrations
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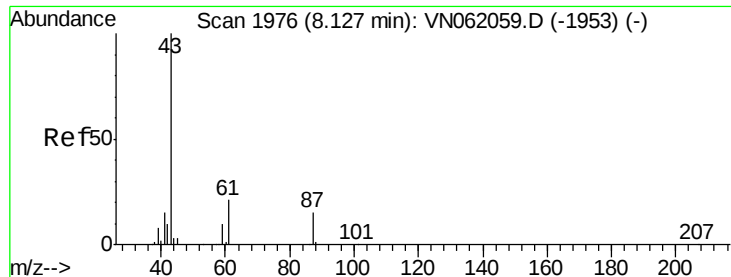
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#42
1,2-Dichloroethane
Concen: 47.746 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	62	Resp	233567
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8





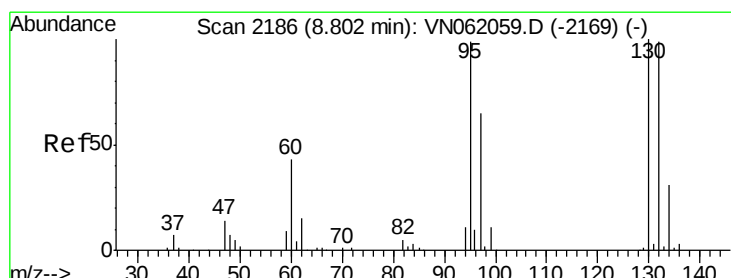
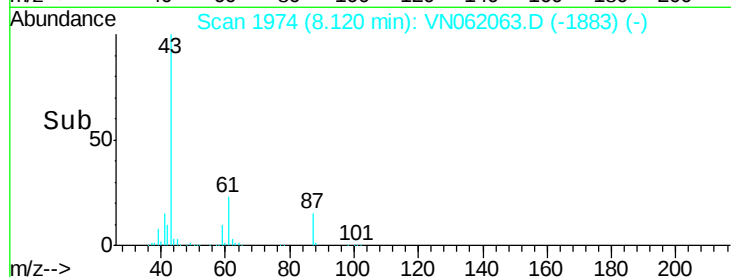
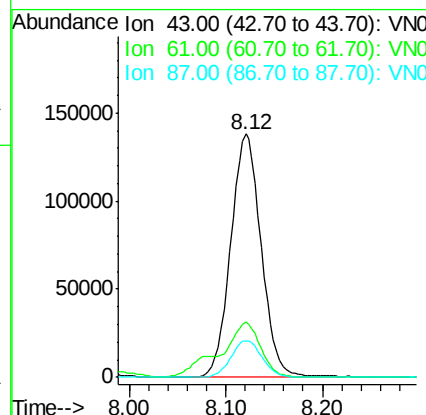
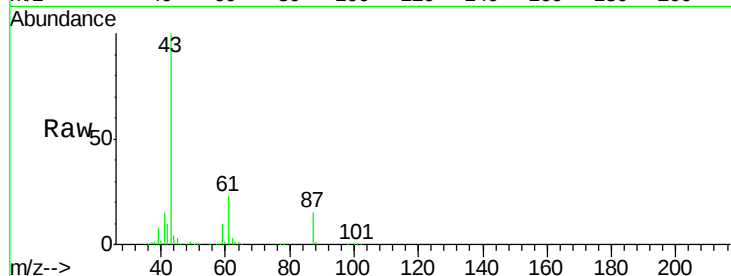
#43
Isopropyl Acetate
Concen: 46.807 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.2	25.8
87	15.4	12.1	18.1

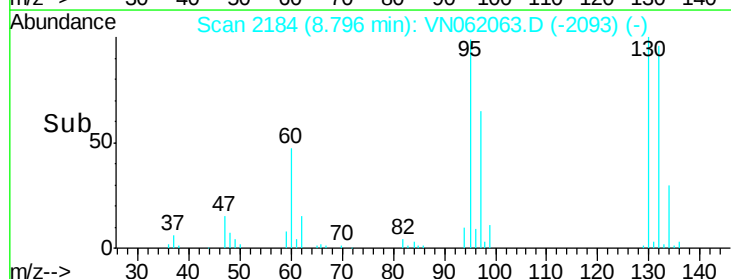
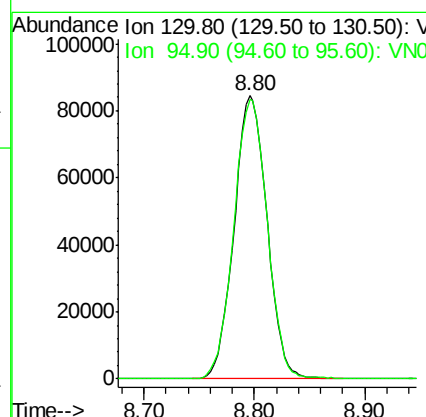
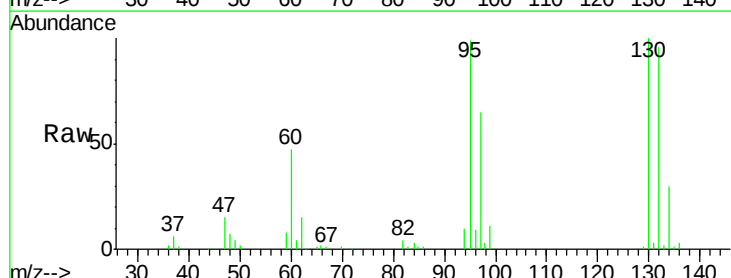
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#44
Trichloroethene
Concen: 47.896 ug/l
RT: 8.80 min Scan# 2184
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	197.8





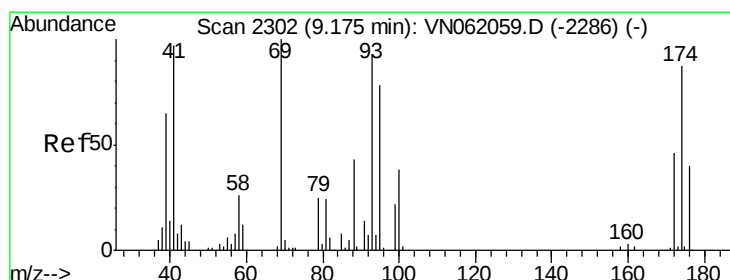
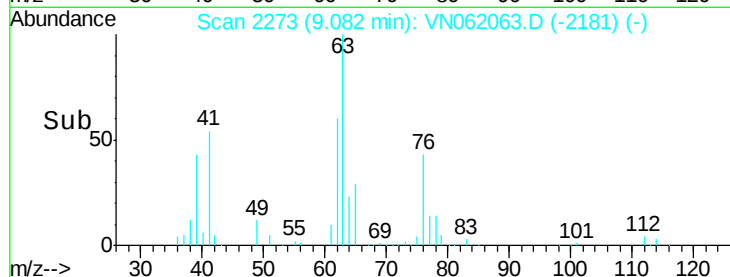
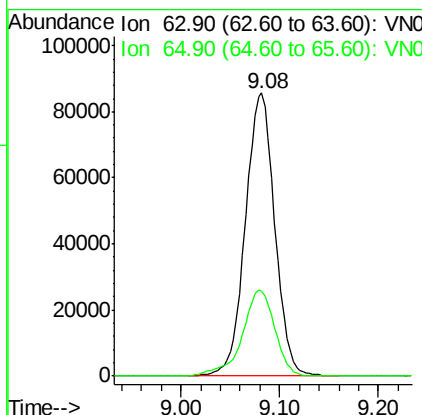
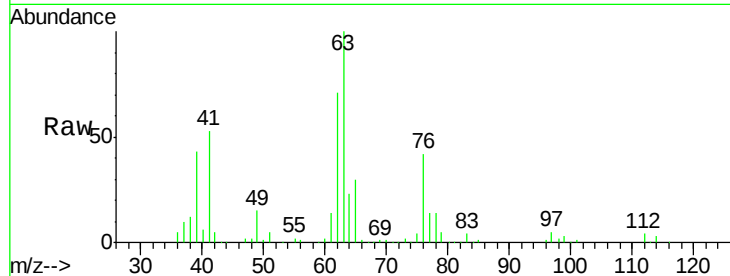
#45
 1,2-Dichloropropane
 Concen: 49.309 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

Tot Ion: 63 Resp: 176131
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4

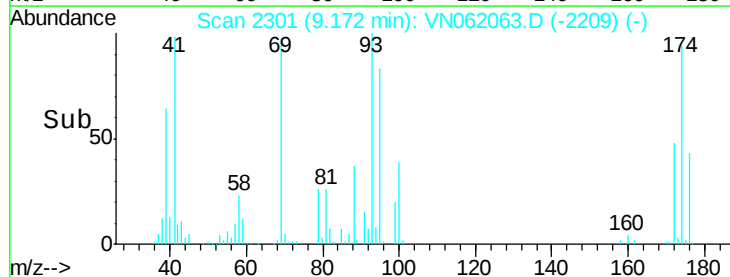
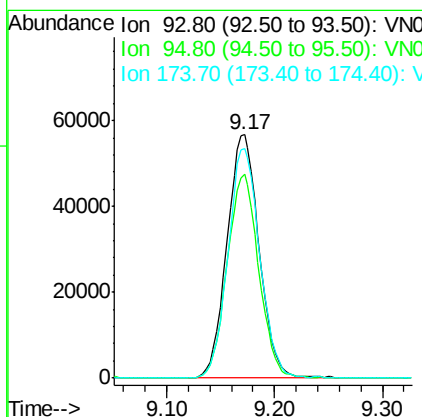
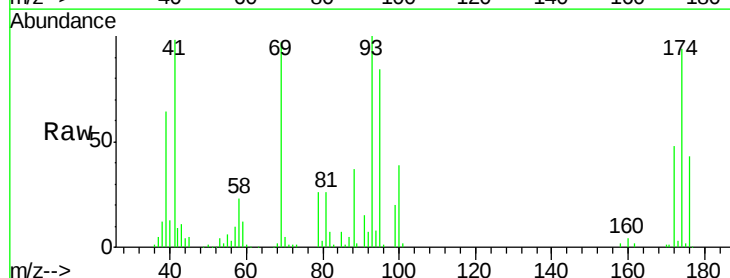
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#46
 Dibromomethane
 Concen: 48.612 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion: 93 Resp: 117729
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.0 100.6
 174 93.0 74.4 111.6





#47

Bromodichloromethane

Concen: 49.724 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

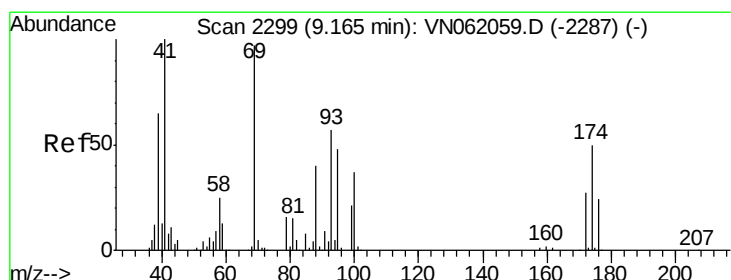
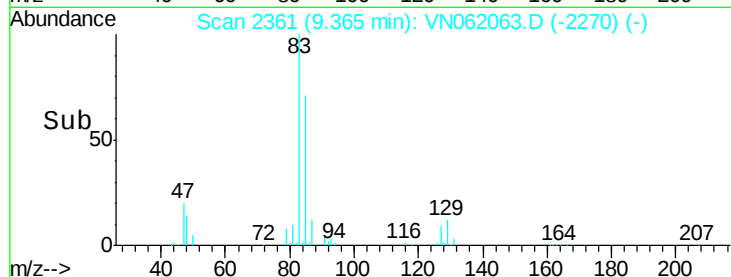
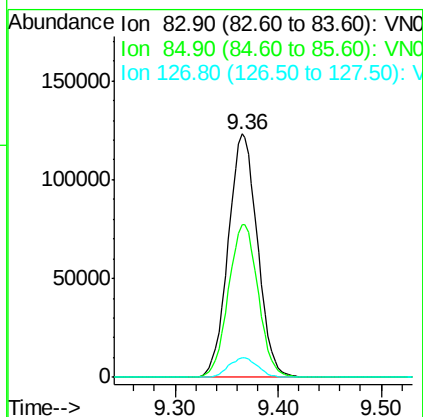
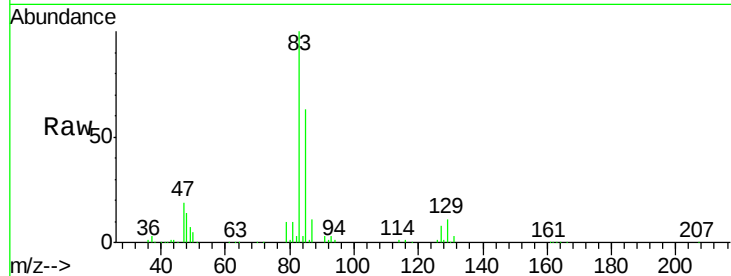
ClientSampleId :

ICVVN062420

Tot Ion:	83	Resp:	243149
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.3	75.5
127	8.0	6.9	10.3

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#48

Methyl methacrylate

Concen: 48.625 ug/l

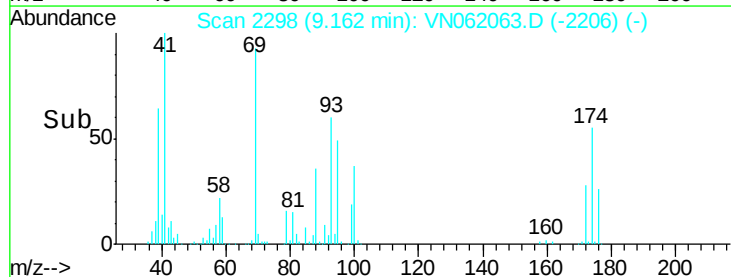
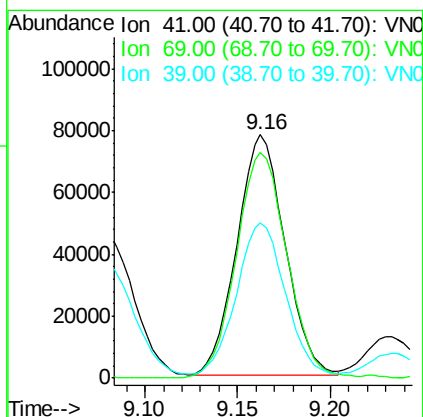
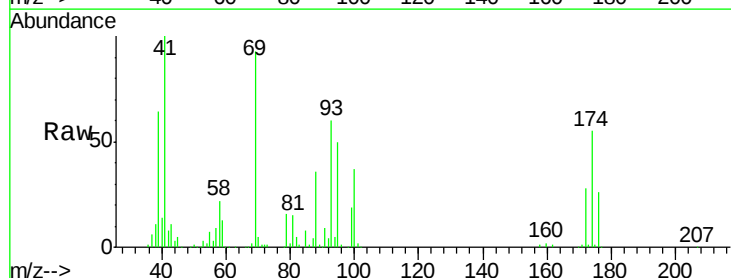
RT: 9.16 min Scan# 2298

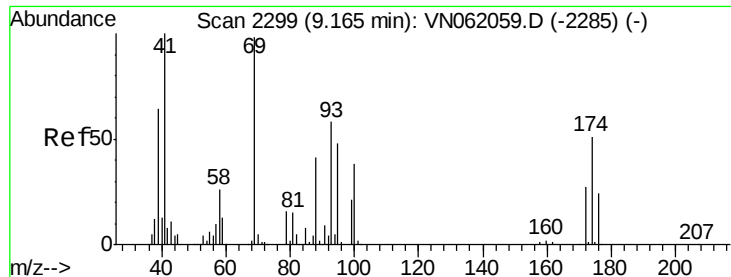
Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion:	41	Resp:	139802
Ion Ratio	Lower	Upper	
41	100		
69	99.0	80.7	121.1
39	66.1	54.5	81.7





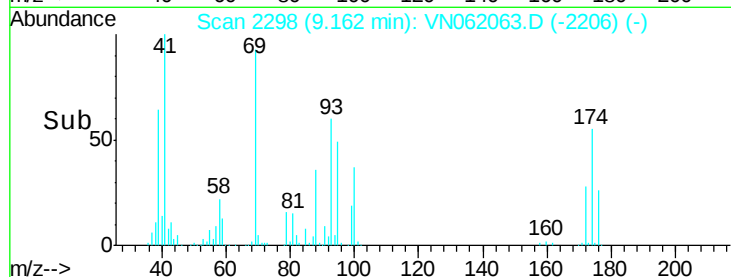
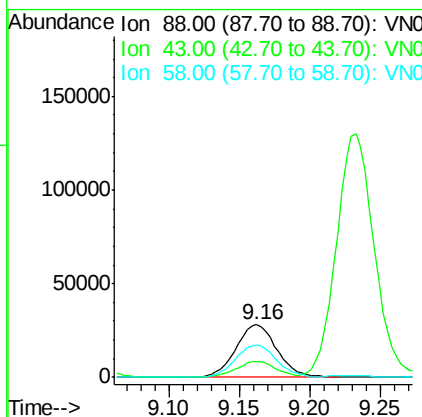
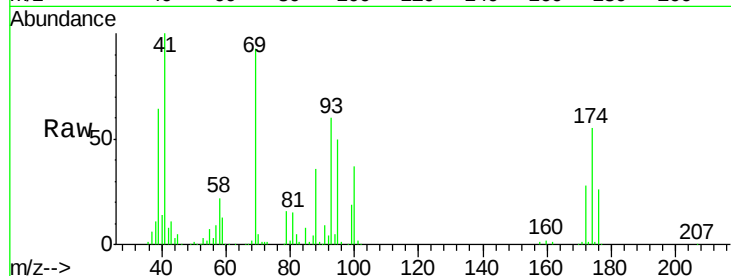
#49
1,4-Dioxane
Concen: 900.945 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	88	Resp	57443
Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.0	33.0
58	61.7	49.2	73.8

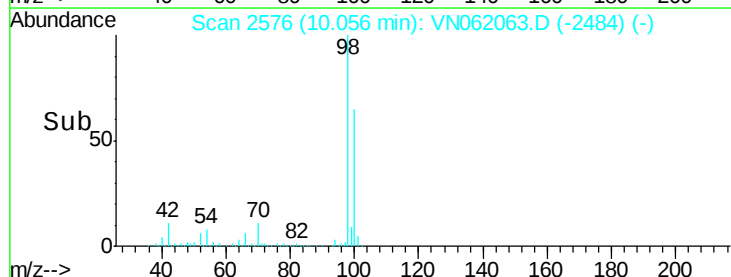
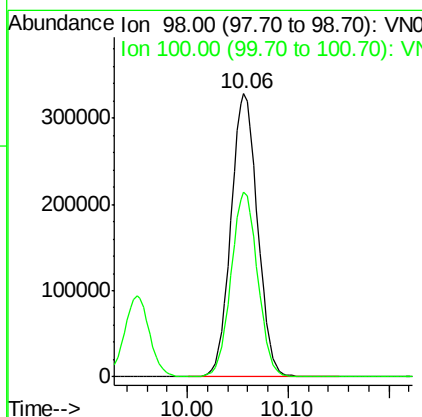
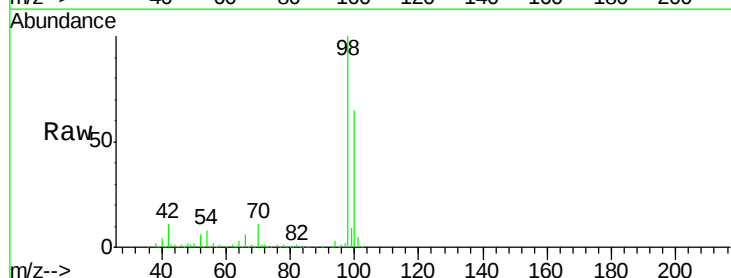
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#50
Toluene-d8
Concen: 49.756 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	98	Resp	603024
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 238.889 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

Tot Ion: 43 Resp: 894980

Ion Ratio Lower Upper

43 100

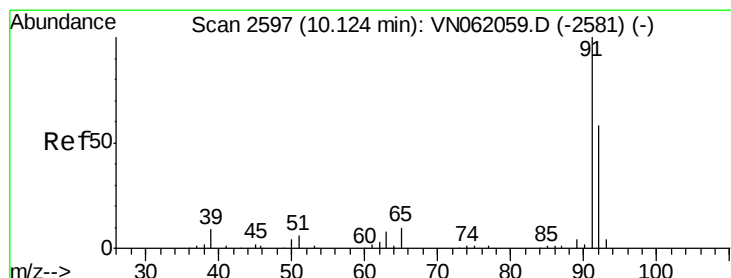
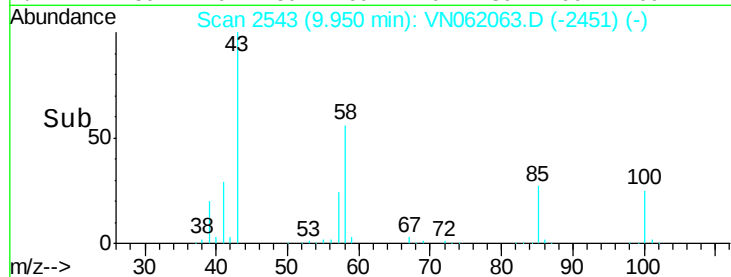
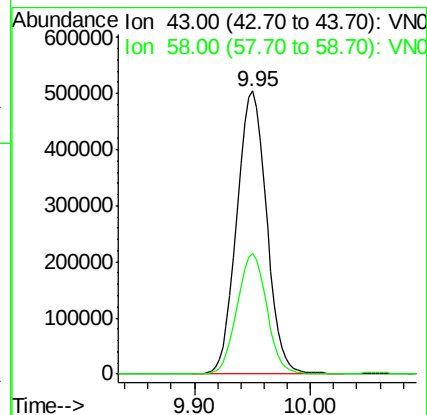
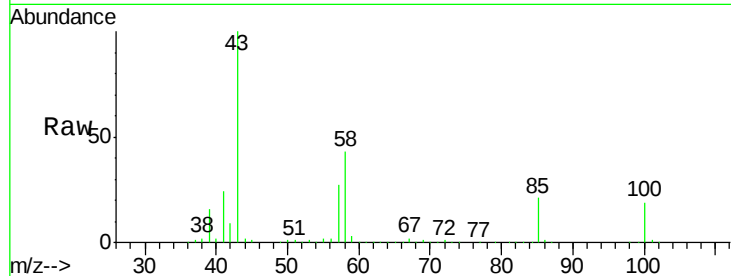
58 42.6 34.2 51.2

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#52

Toluene

Concen: 51.508 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062063.D

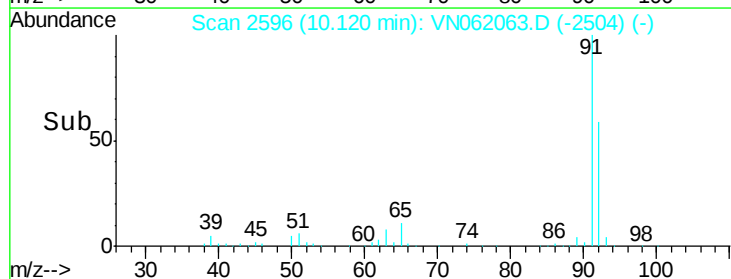
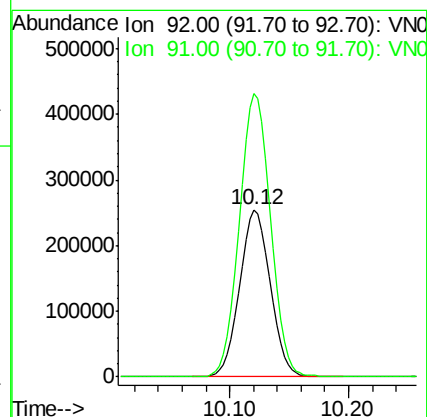
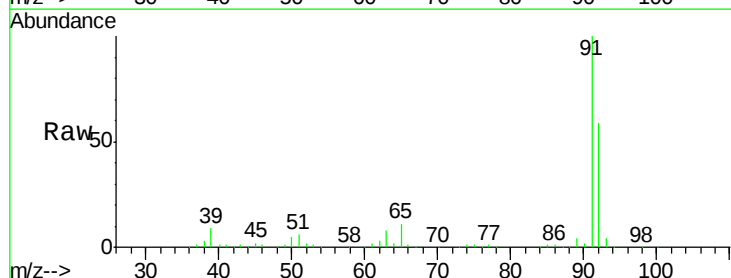
Acq: 24 Jun 2020 14:45

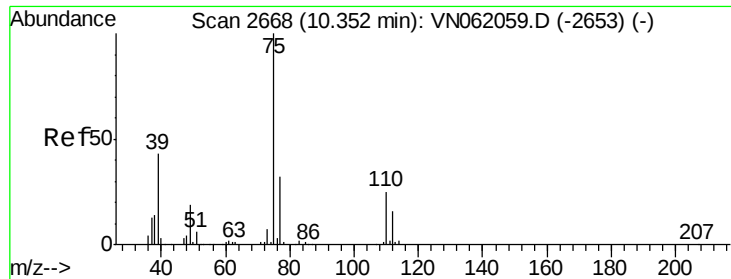
Tgt Ion: 92 Resp: 455039

Ion Ratio Lower Upper

92 100

91 172.5 137.4 206.0





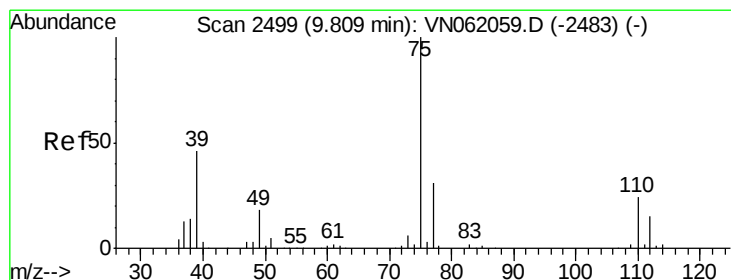
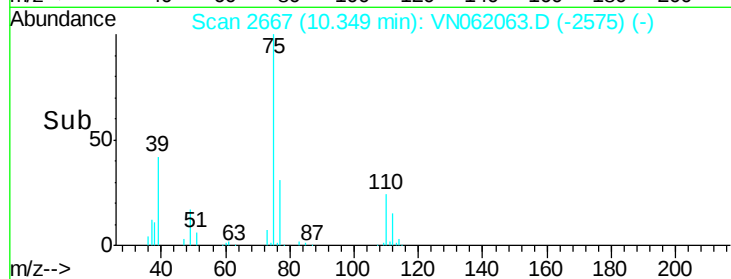
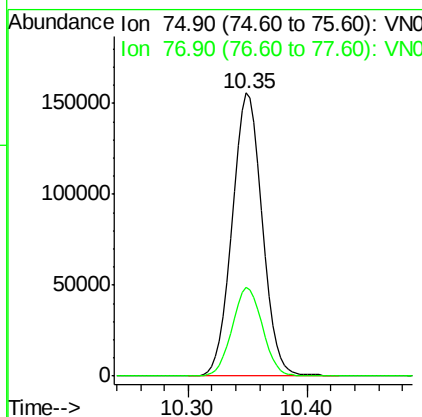
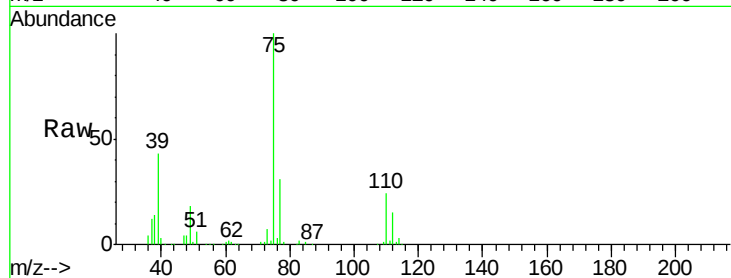
#53
t-1,3-Dichloropropene
Concen: 50.861 ug/l
RT: 10.35 min Scan# 2667
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3

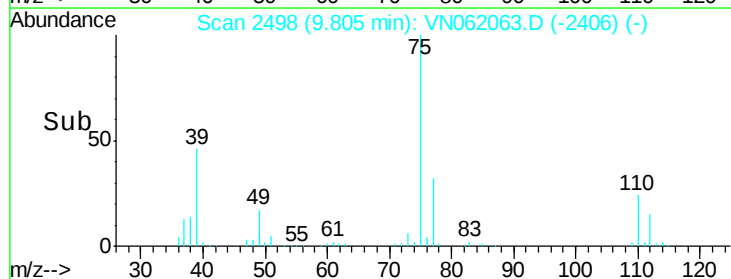
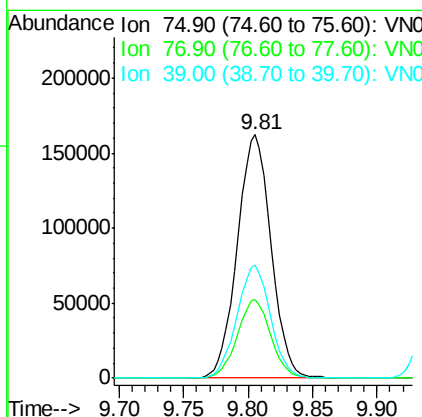
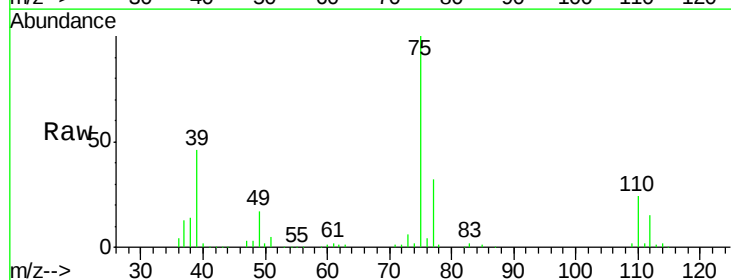
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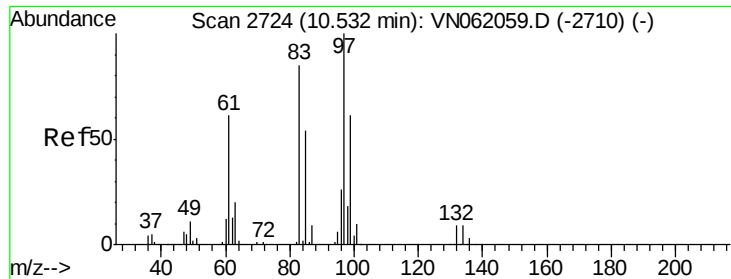
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#54
cis-1,3-Dichloropropene
Concen: 51.615 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.6
39	46.3	36.9	55.3





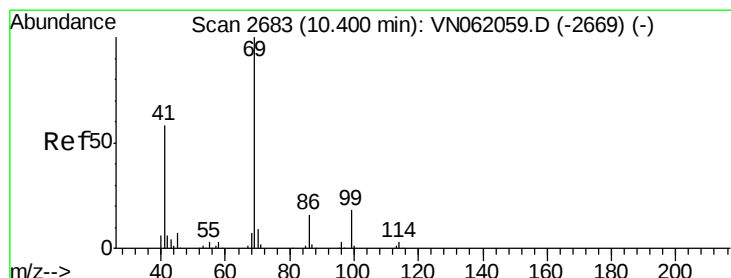
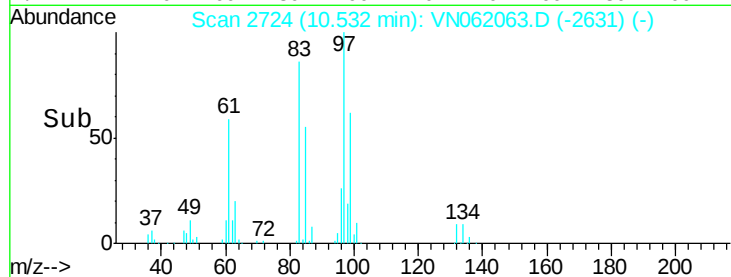
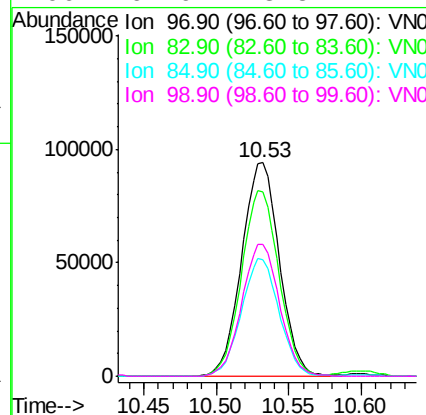
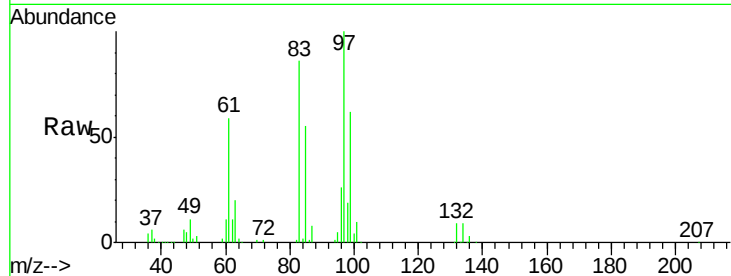
#55
 1,1,2-Trichloroethane
 Concen: 49.181 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

Tot Ion:	97	Resp:	170788
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.2	102.2
85	54.8	43.2	64.8
99	61.9	48.5	72.7

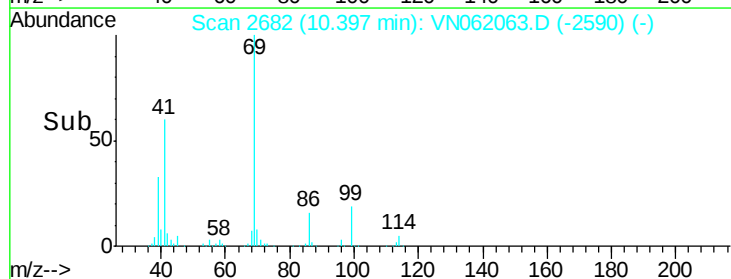
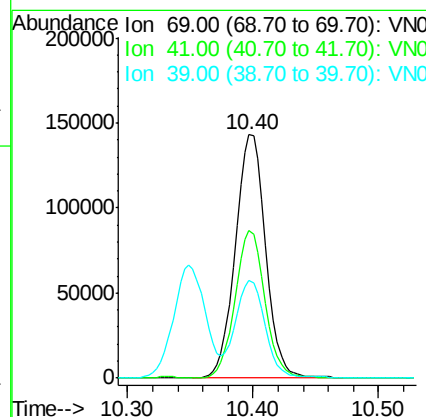
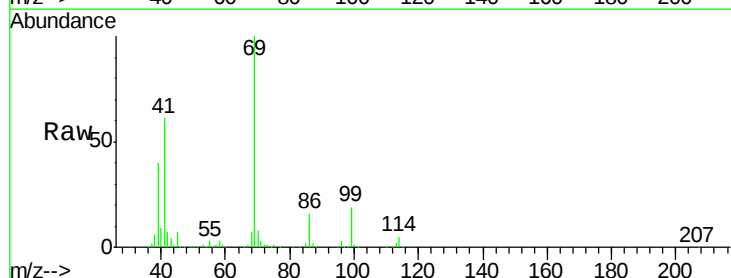
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#56
 Ethyl methacrylate
 Concen: 51.717 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion:	69	Resp:	239679
Ion	Ratio	Lower	Upper
69	100		
41	59.2	46.6	70.0
39	39.5	31.0	46.4





#57

1,3-Dichloropropane

Concen: 49.300 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

Tot Ion: 76 Resp: 294679

Ion Ratio Lower Upper

76 100

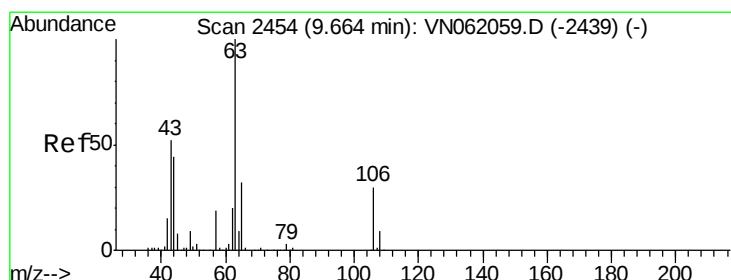
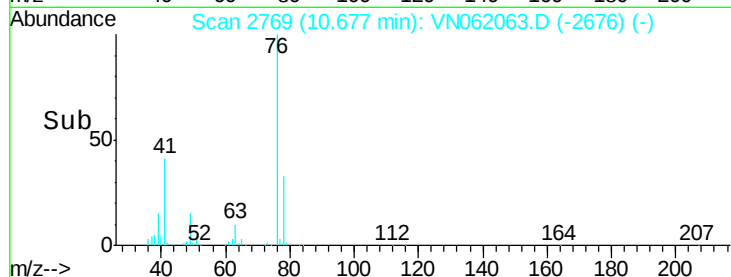
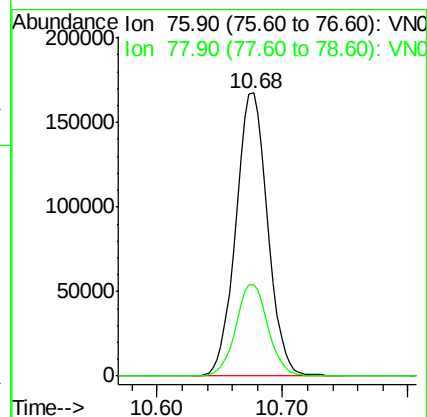
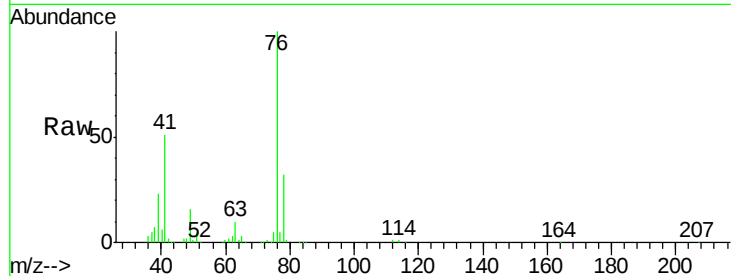
78 32.9 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 227.977 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062063.D

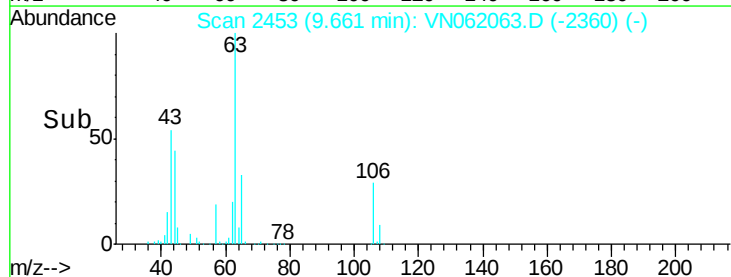
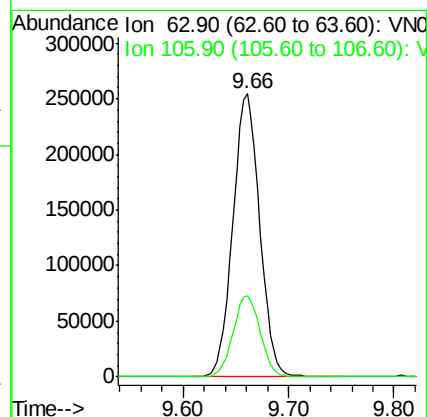
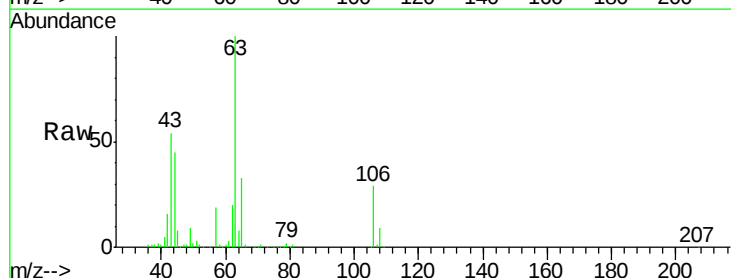
Acq: 24 Jun 2020 14:45

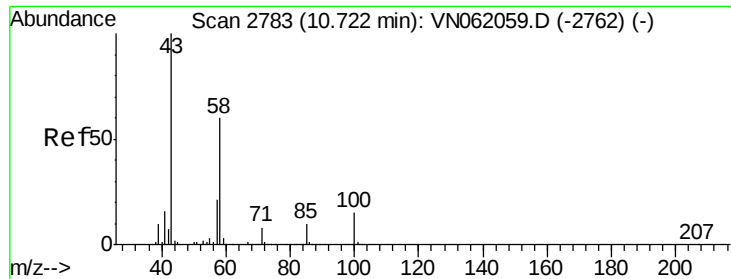
Tgt Ion: 63 Resp: 446835

Ion Ratio Lower Upper

63 100

106 29.1 23.2 34.8





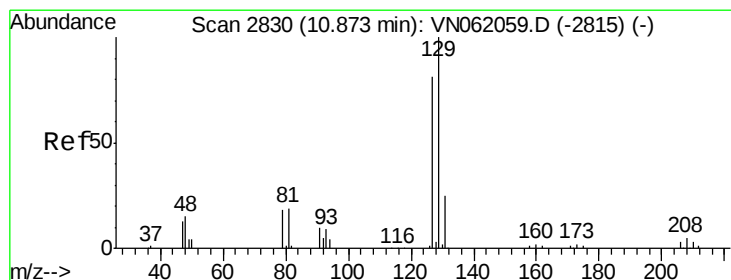
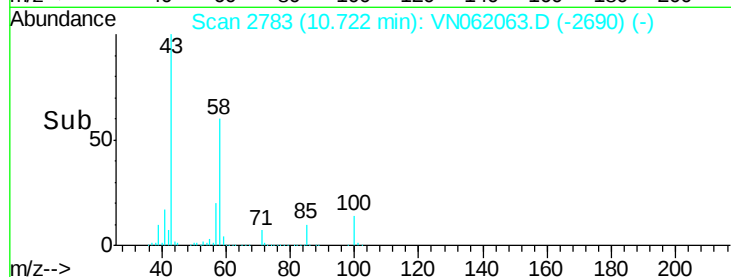
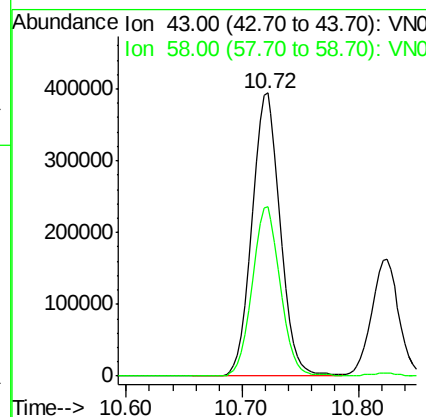
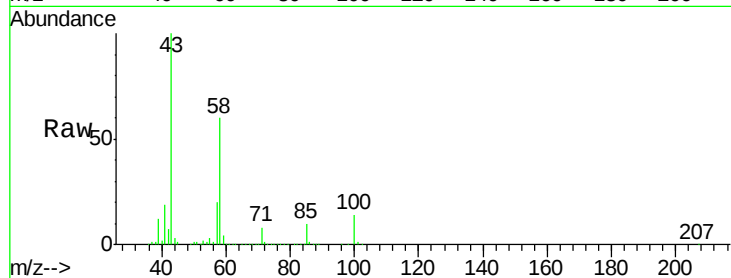
#59
2-Hexanone
Concen: 247.689 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	43	Resp	670068
Ion Ratio	43	100	
Lower	58	59.9	29.5
Upper			88.5

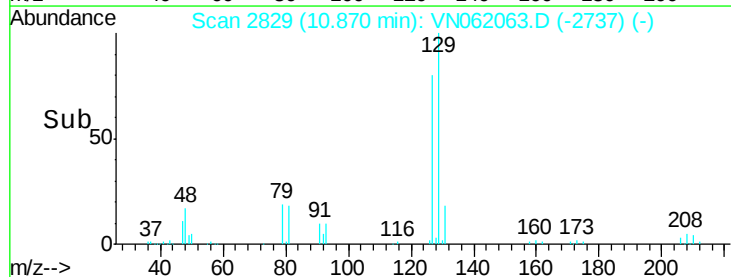
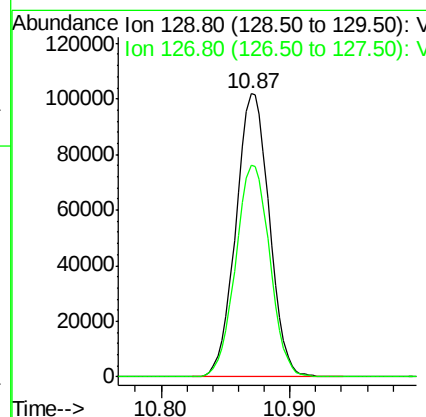
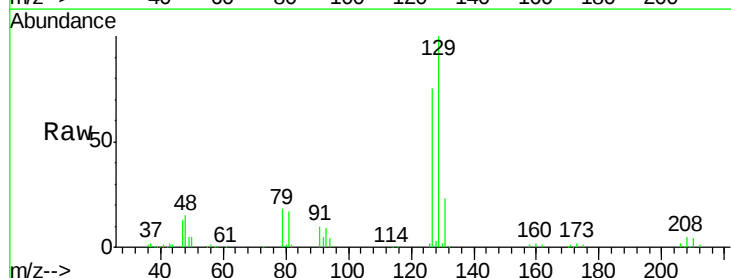
Manual Integrations
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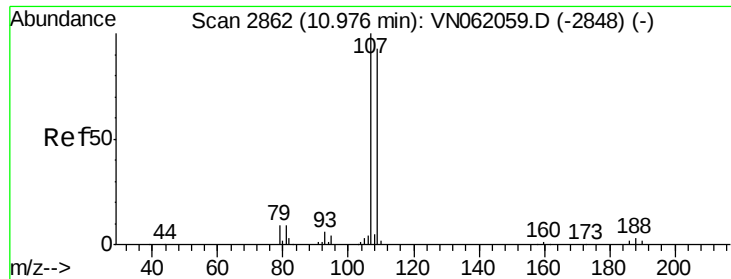
MMDadoda
6/25/2020 6:10:20 PM



#60
Dibromochloromethane
Concen: 49.992 ug/l
RT: 10.87 min Scan# 2829
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	129	Resp	183798
Ion Ratio	129	100	
Lower	127	76.3	39.5
Upper			118.5





#61

1,2-Dibromoethane

Concen: 49.003 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

ICVVN062420

Tot Ion: 107 Resp: 174853

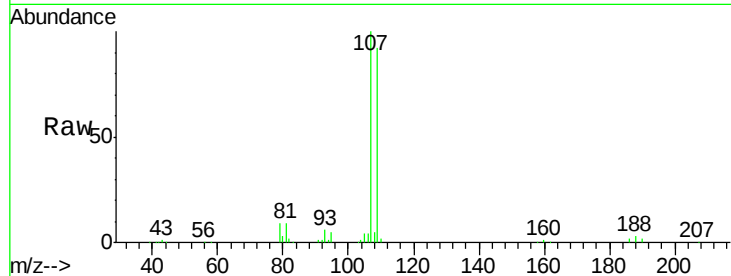
Ion Ratio Lower Upper

107 100

109 94.3 75.0 112.6

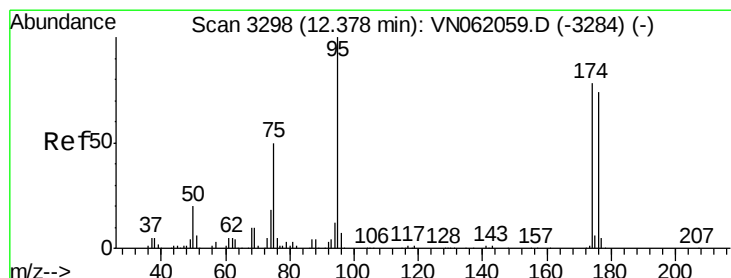
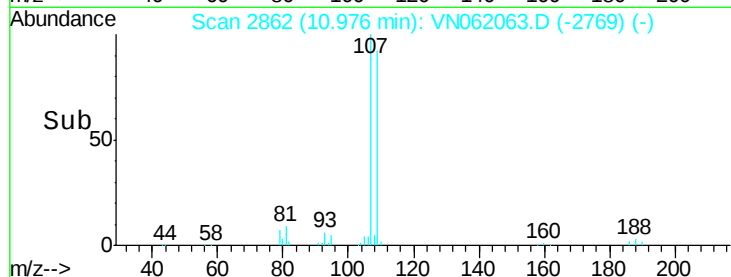
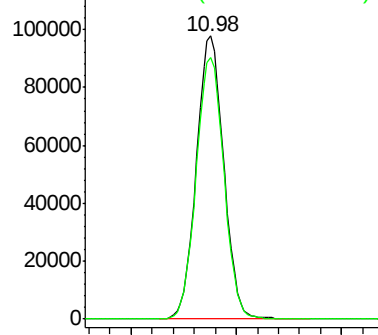
Manual Integrations
APPROVED

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.965 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

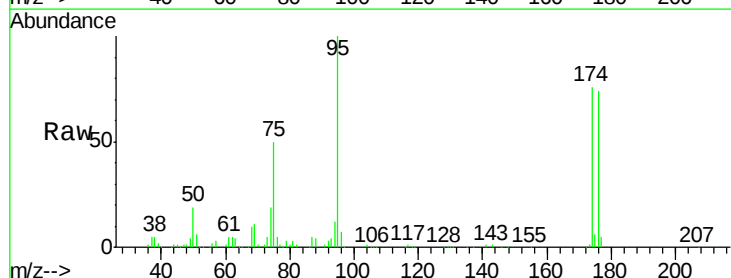
Tgt Ion: 95 Resp: 208686

Ion Ratio Lower Upper

95 100

174 76.4 0.0 154.8

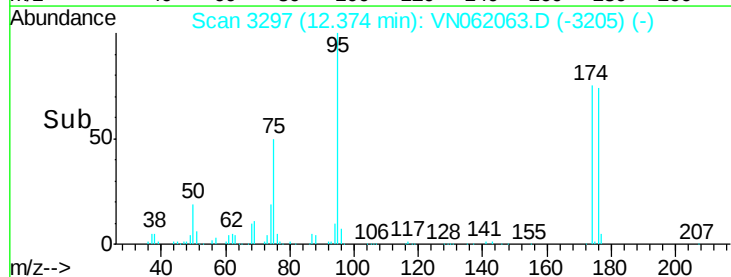
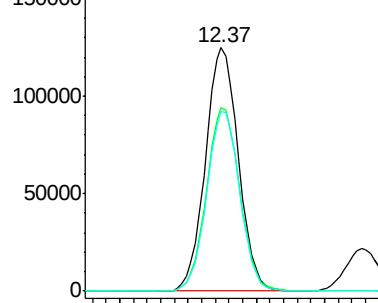
176 73.9 0.0 147.4

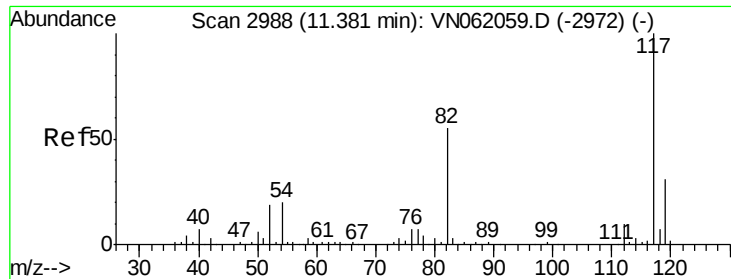


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





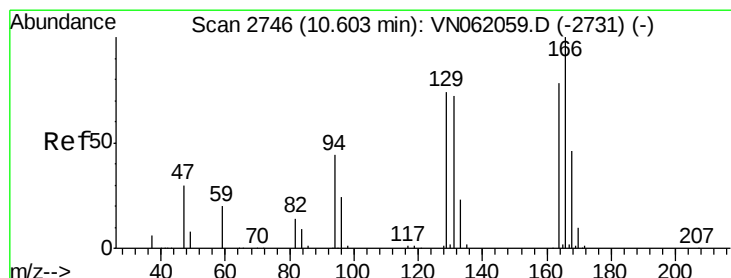
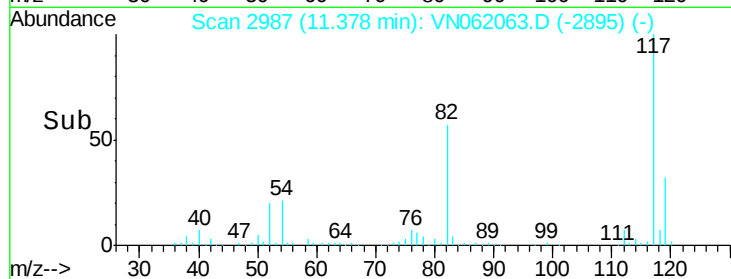
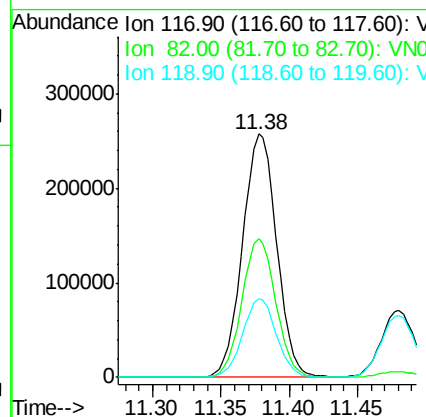
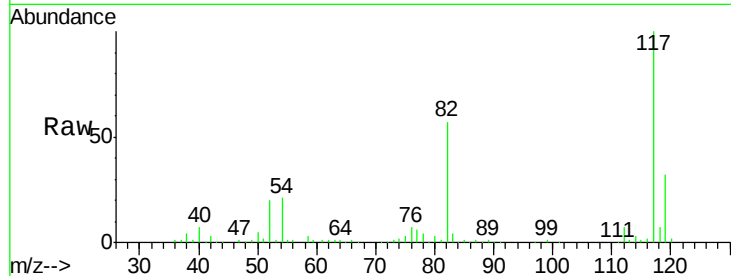
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.8	65.8
119	32.5	25.2	37.8

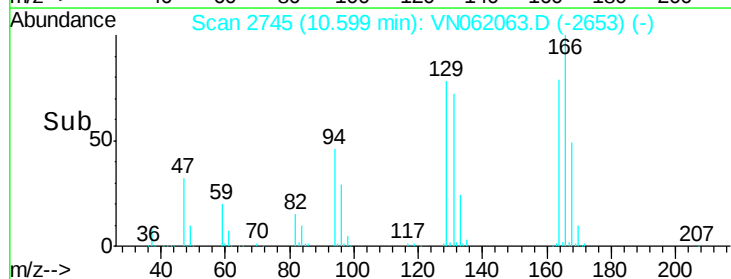
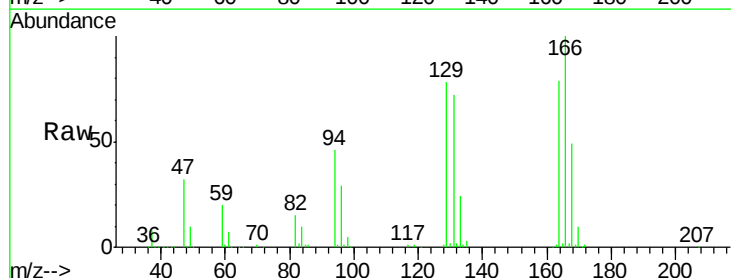
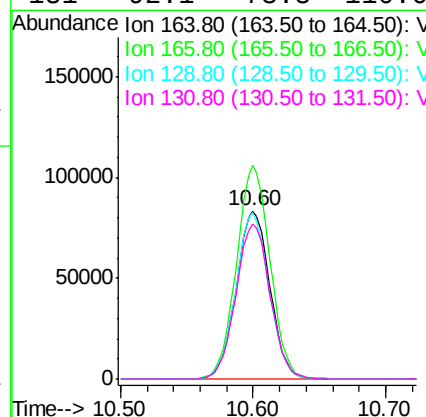
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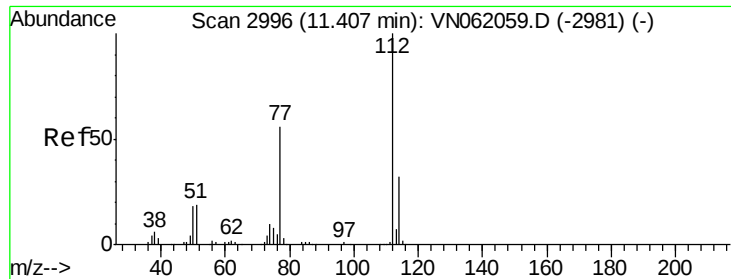
MMDadoda
6/25/2020 6:10:20 PM



#64
Tetrachloroethene
Concen: 47.934 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.9	154.3
129	99.1	75.8	113.8
131	92.1	73.8	110.6





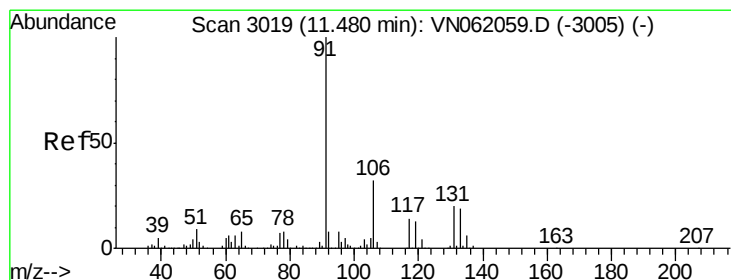
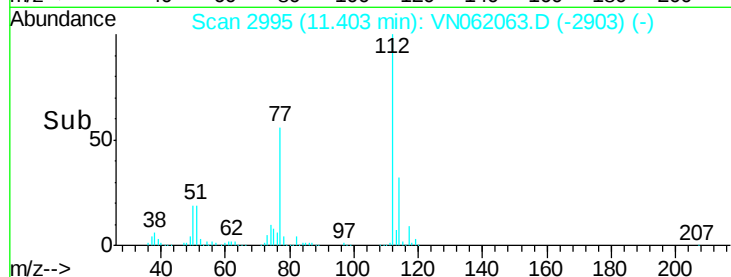
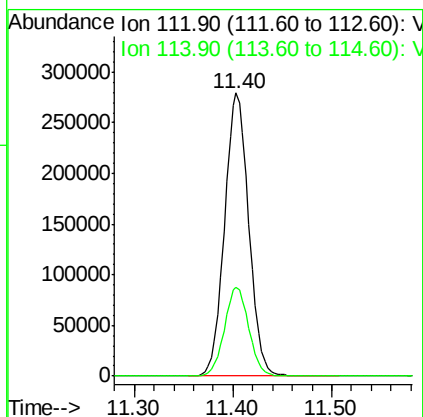
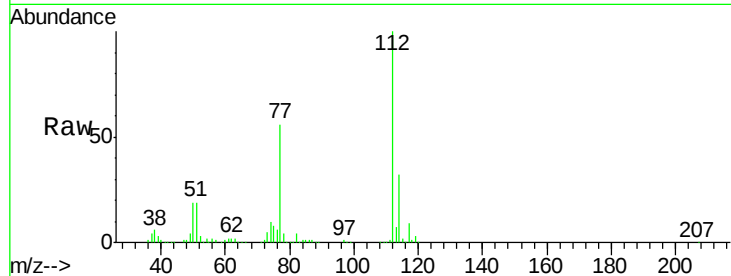
#65
Chlorobenzene
Concen: 48.784 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion:112 Resp: 480180
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

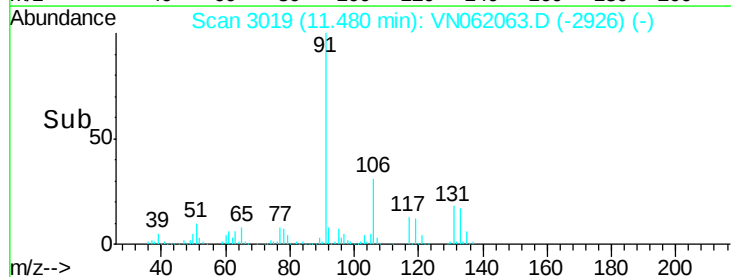
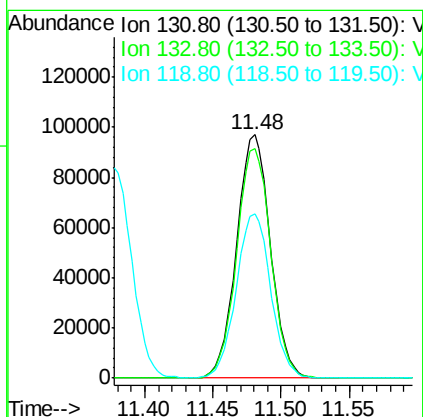
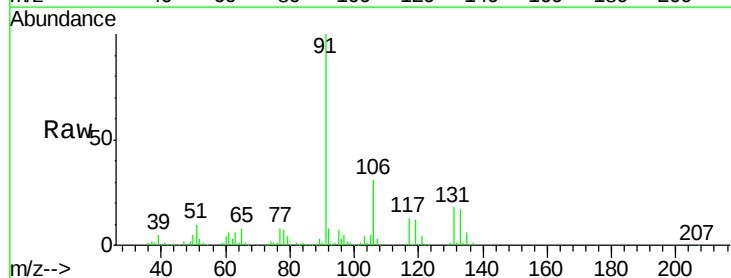
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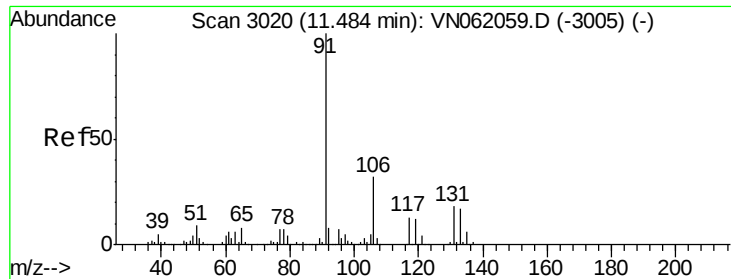
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.120 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion:131 Resp: 167184
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 68.9 34.4 103.3





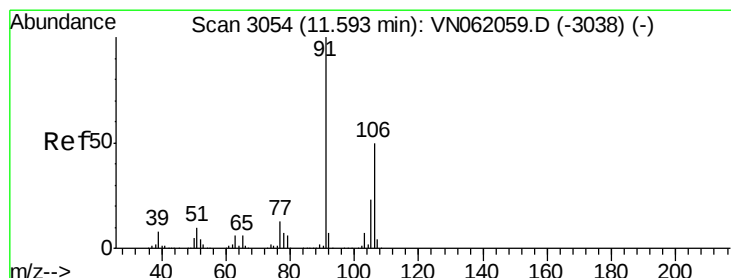
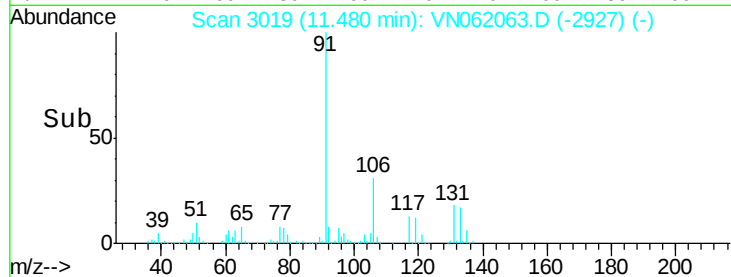
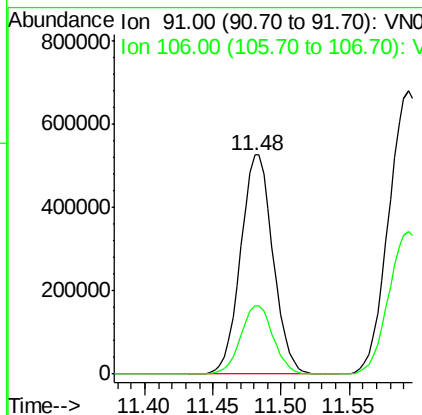
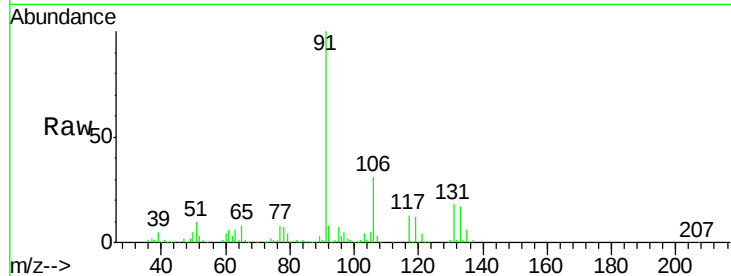
#67
Ethyl Benzene
Concen: 52.179 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion: 91 Resp: 867400
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

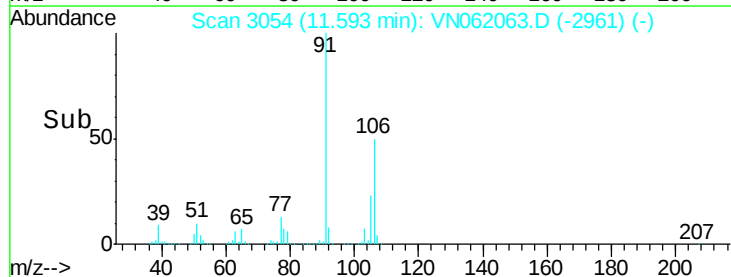
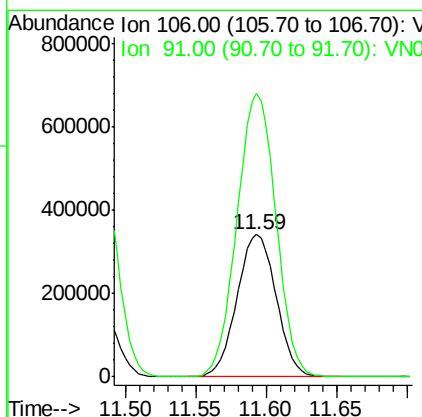
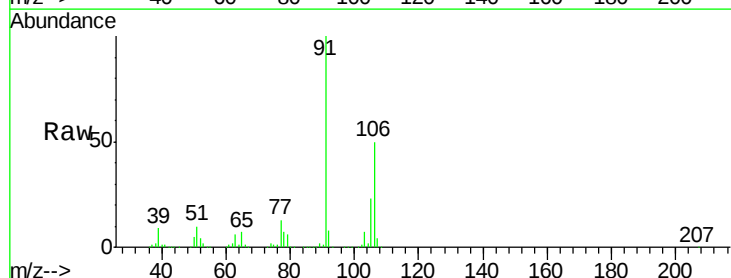
Manual Integrations
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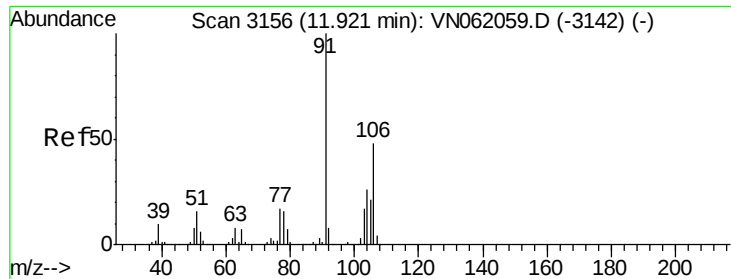
MMDadoda
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#68
m/p-Xylenes
Concen: 103.029 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 106 Resp: 662445
Ion Ratio Lower Upper
106 100
91 199.2 157.8 236.8





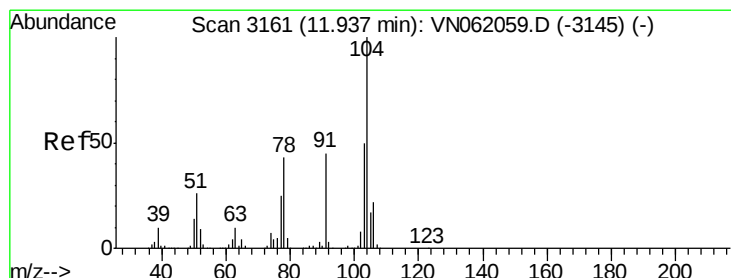
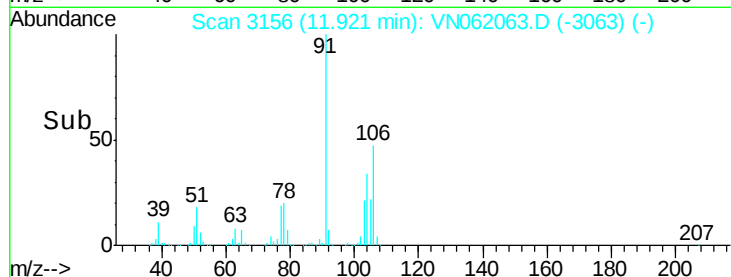
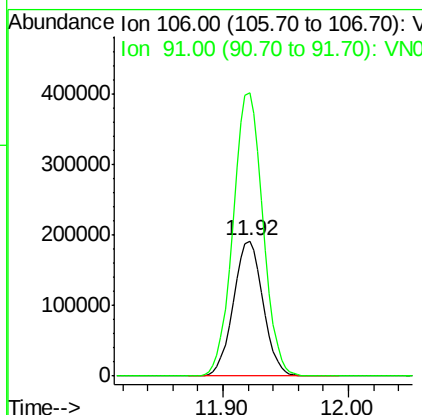
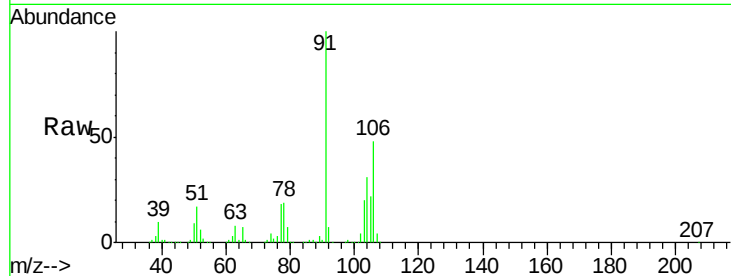
#69
o-Xylene
Concen: 52.045 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampled :
ICVVN062420

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.0	104.0	311.9	

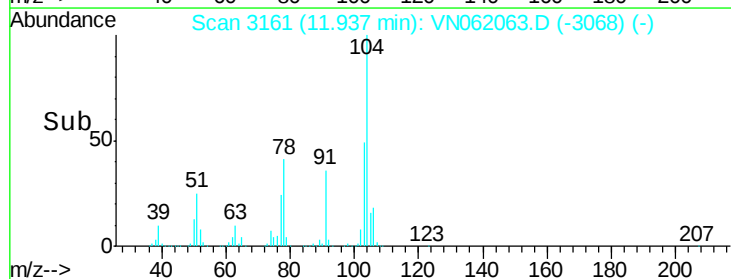
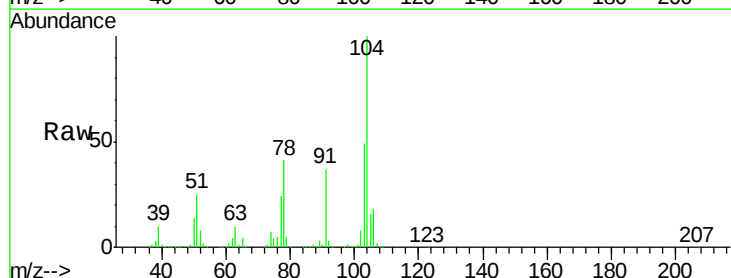
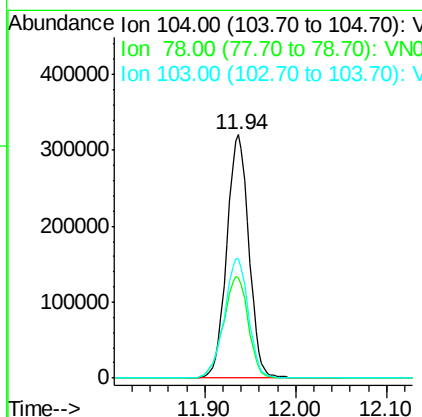
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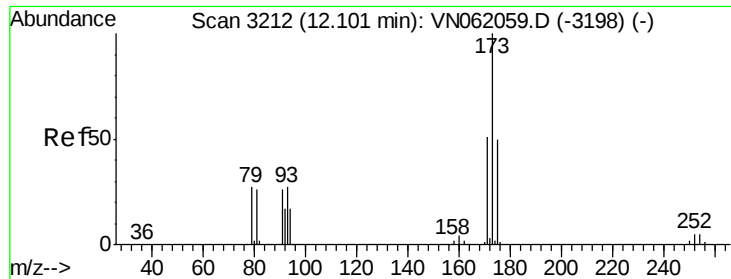
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#70
Styrene
Concen: 53.429 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.1	37.7	56.5	
103	53.5	43.0	64.6	





#71

Bromoform

Concen: 49.487 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

Tot Ion:173 Resp: 119755

Ion Ratio Lower Upper

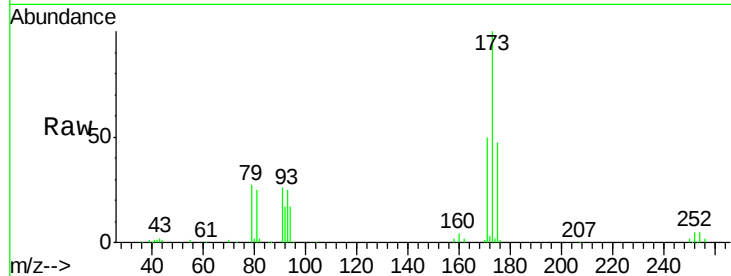
173 100

175 47.7 24.7 74.1

254 0.0 0.0 0.0

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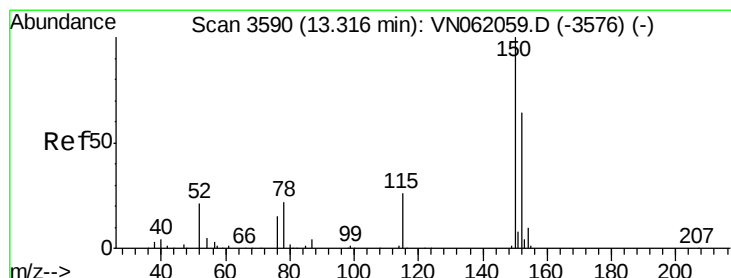
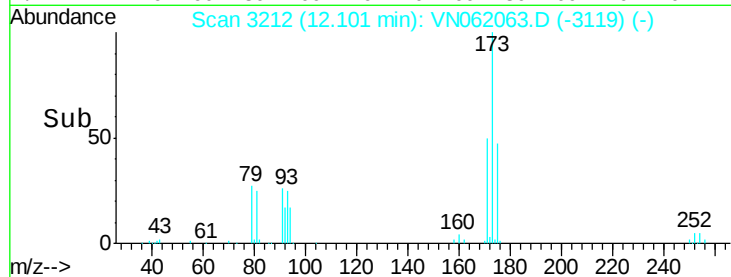
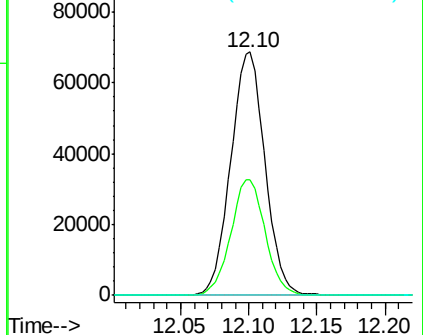
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN062063.D

Acq: 24 Jun 2020 14:45

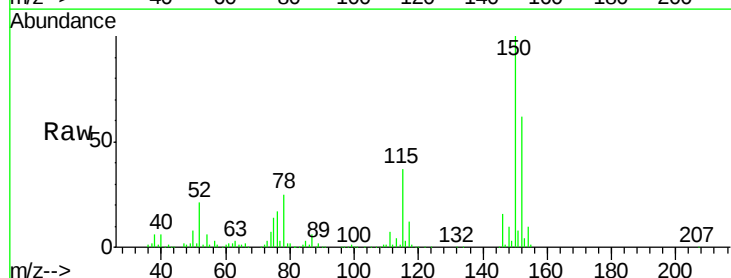
Tgt Ion:152 Resp: 217116

Ion Ratio Lower Upper

152 100

115 58.2 29.5 88.5

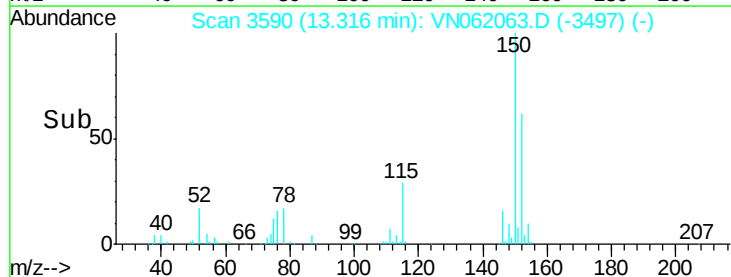
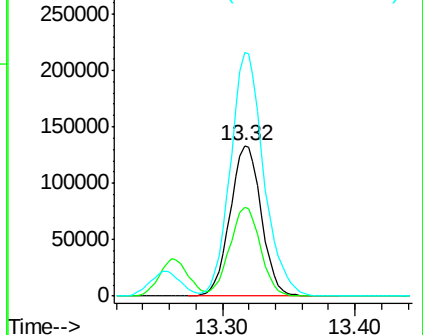
150 173.4 0.0 351.4

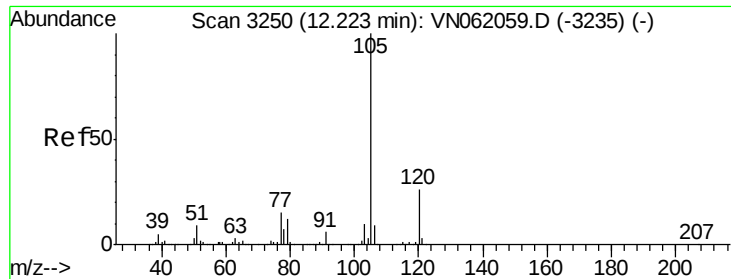


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





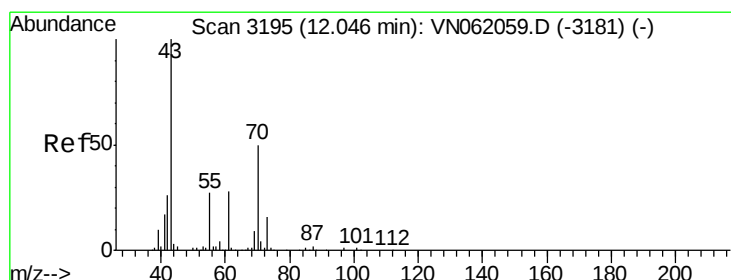
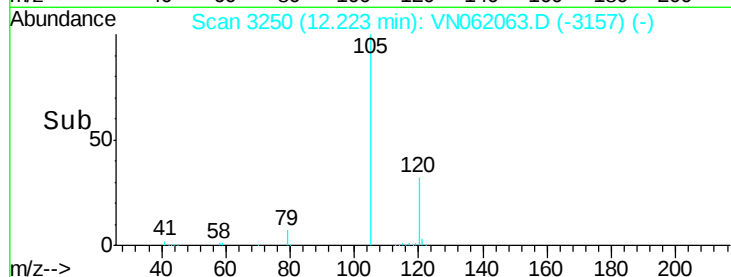
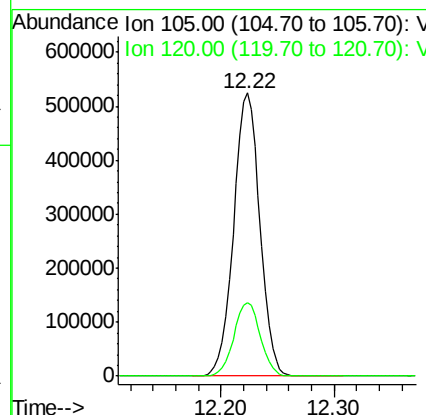
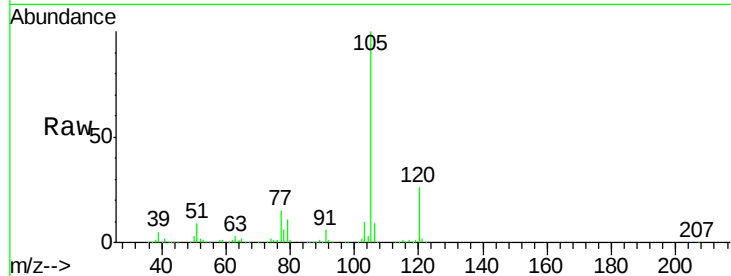
#73
Isopropylbenzene
Concen: 50.136 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.6

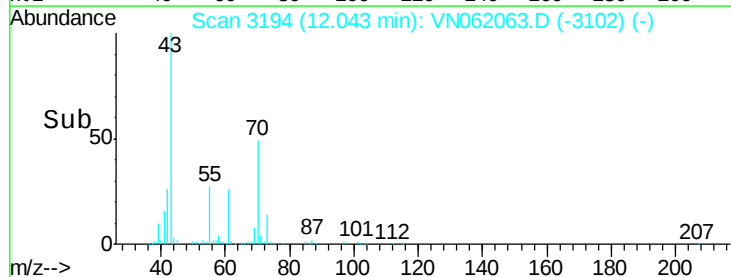
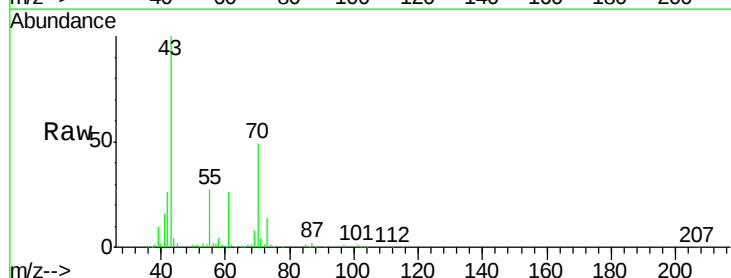
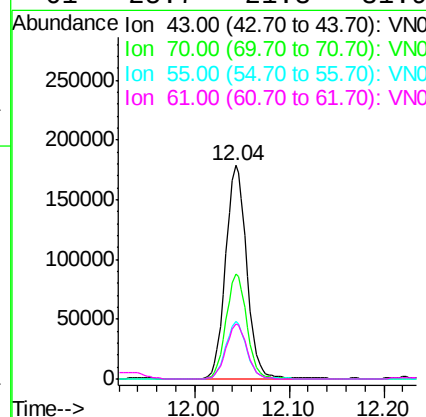
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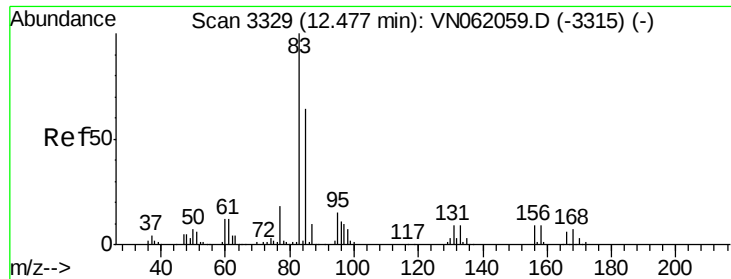
MMDadoda
6/25/2020 6:10:20 PM



#74
N-ethyl acetate
Concen: 45.386 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.4	39.4	59.2
55	26.3	21.7	32.5
61	25.7	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 43.858 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

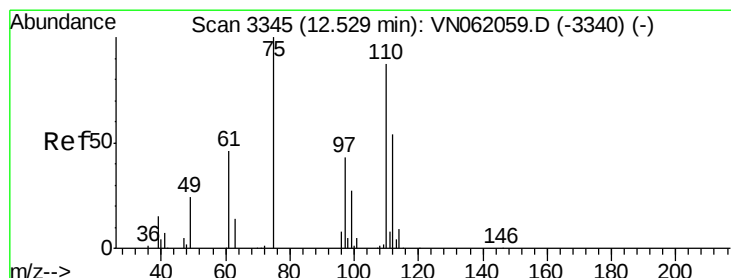
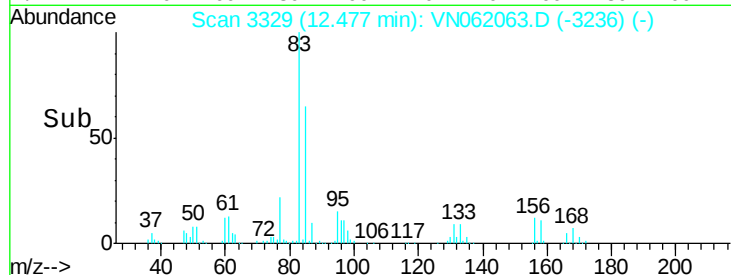
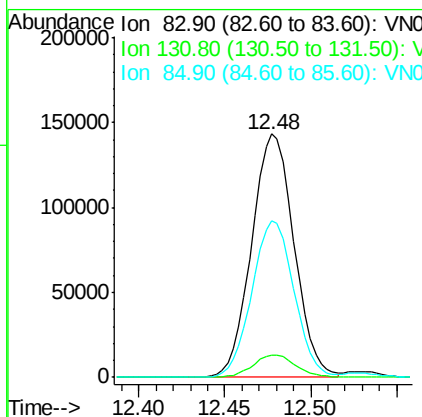
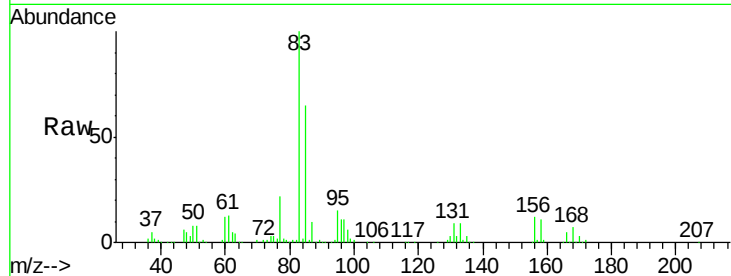
ClientSampleId :

ICVVN062420

Tot Ion:	83	Resp:	245288
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.8	14.4
85	63.9	32.4	97.0

Manual Integrations
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6/25/2020 6:10:20 PM



#76

1,2,3-Trichloropropane

Concen: 41.440 ug/l m

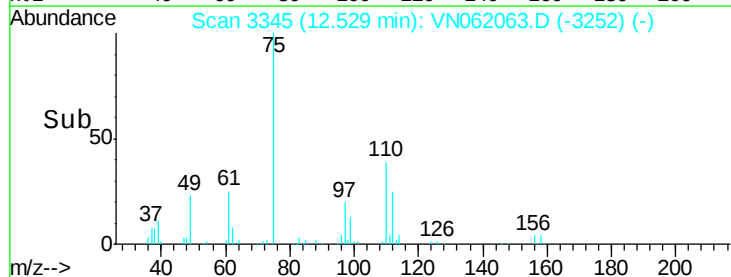
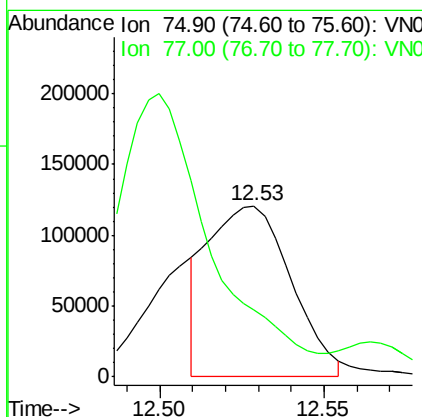
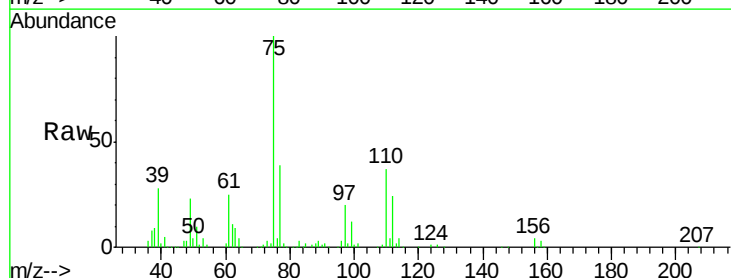
RT: 12.53 min Scan# 3345

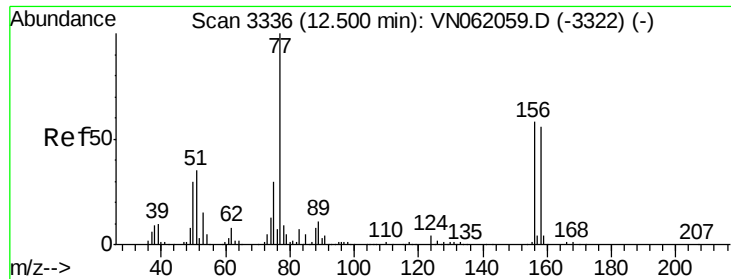
Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion:	75	Resp:	211802
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.872 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

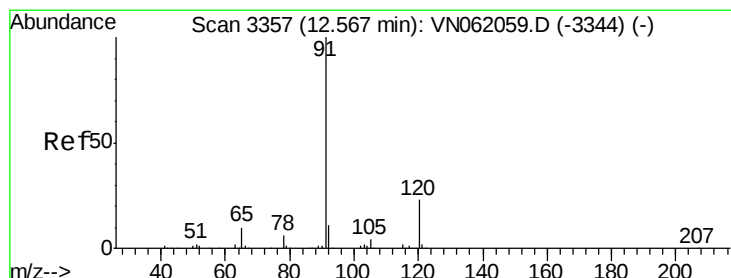
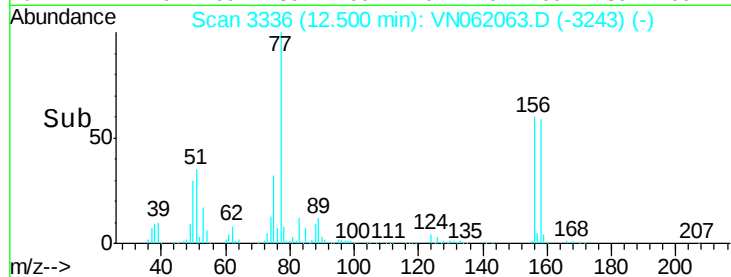
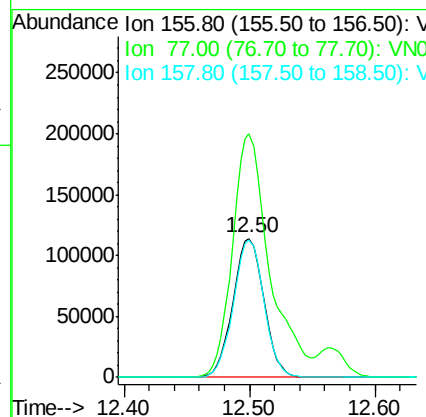
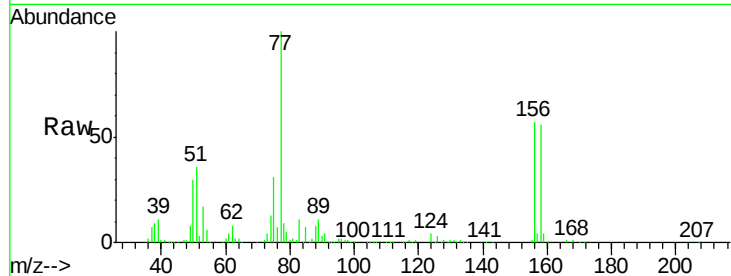
ClientSampleId :

ICVVN062420

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	209.1	104.6	313.8	
158	97.3	48.0	144.0	

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#78

n-propylbenzene

Concen: 51.188 ug/l

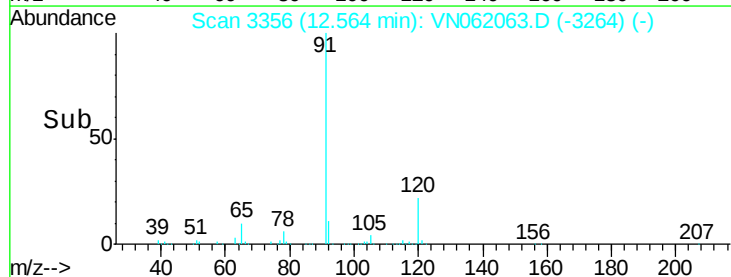
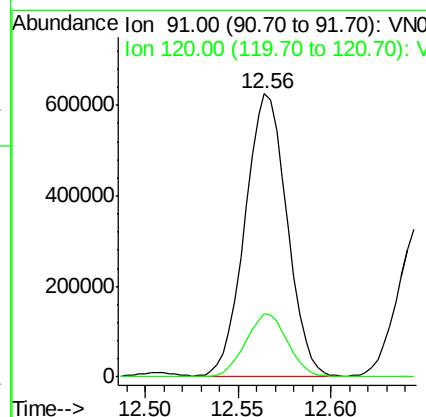
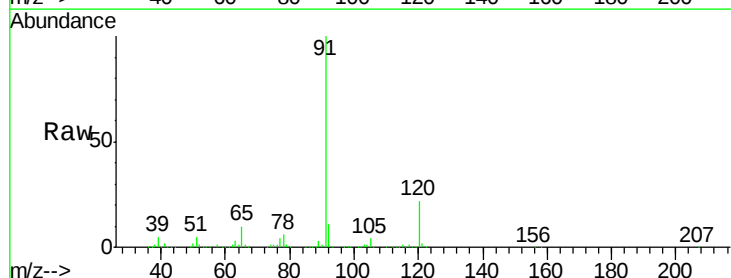
RT: 12.56 min Scan# 3356

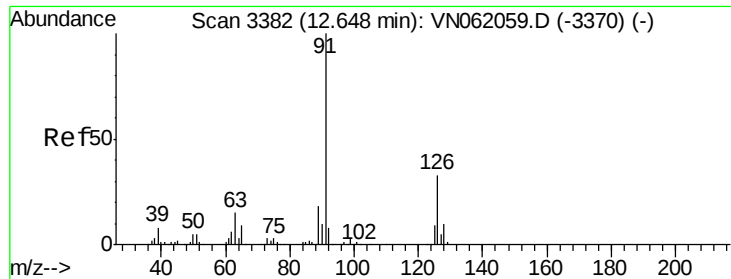
Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.5	11.4	34.1	





#79

2-Chlorotoluene

Concen: 49.067 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

Tot Ion: 91 Resp: 570253

Ion Ratio Lower Upper

91 100

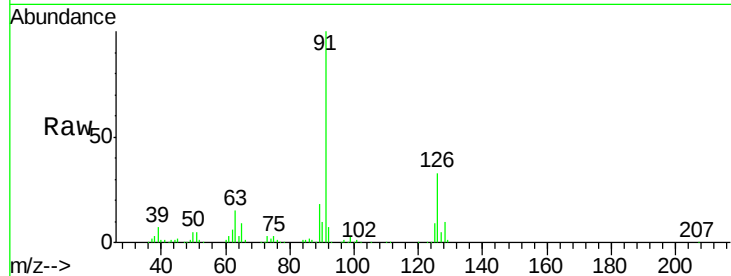
126 33.5 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

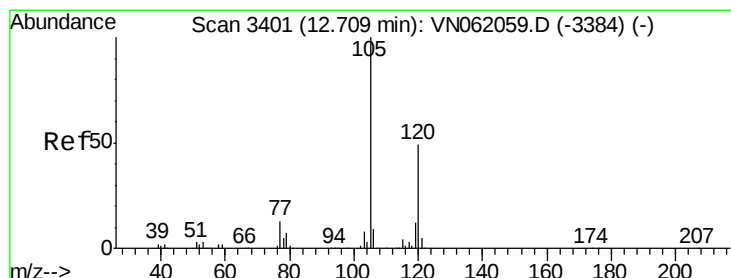
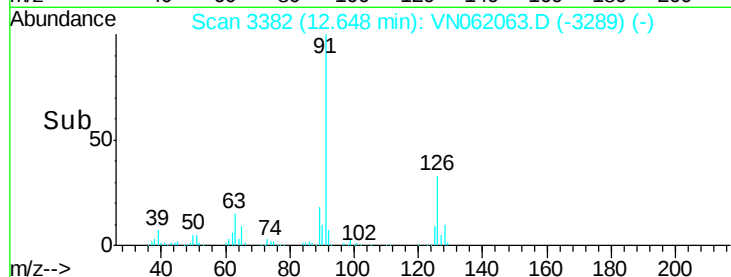
600000

400000

200000

0

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 50.887 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN062063.D

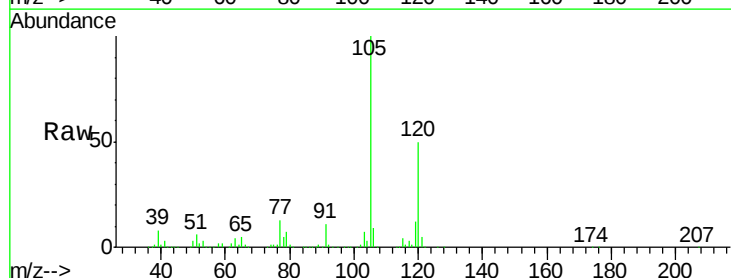
Acq: 24 Jun 2020 14:45

Tgt Ion: 105 Resp: 693292

Ion Ratio Lower Upper

105 100

120 50.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

500000

400000

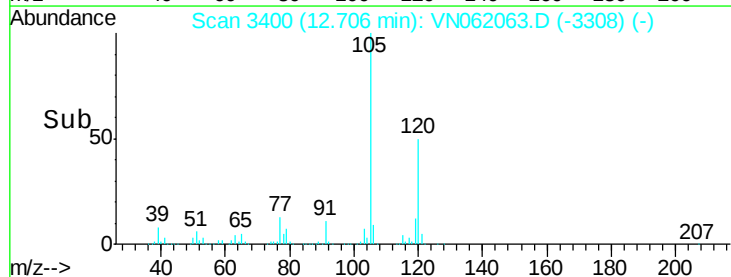
300000

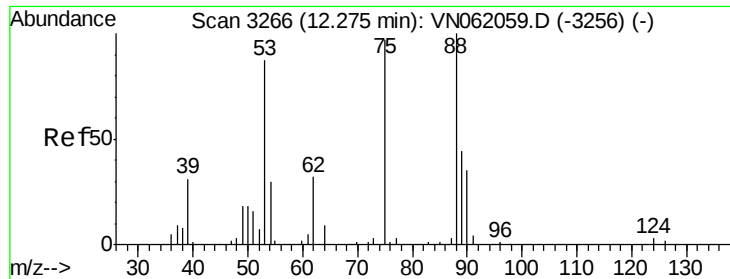
200000

100000

0

12.70 12.71 12.72





#81

trans-1,4-Dichloro-2-butene

Concen: 47.701 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

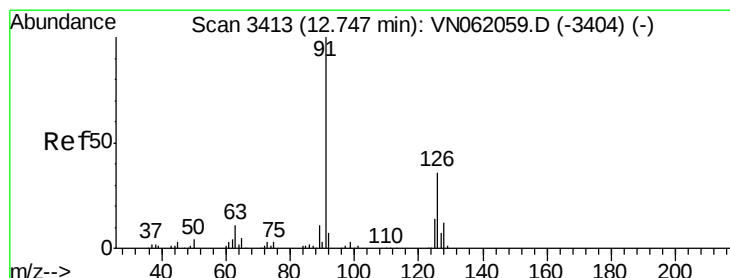
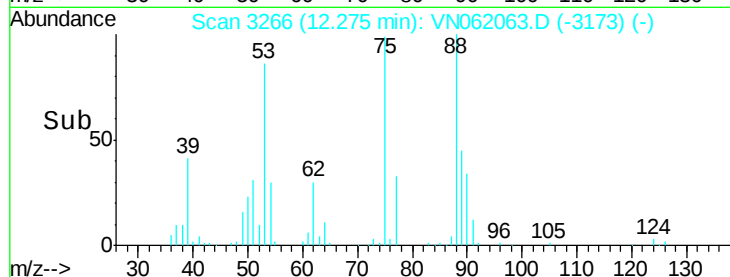
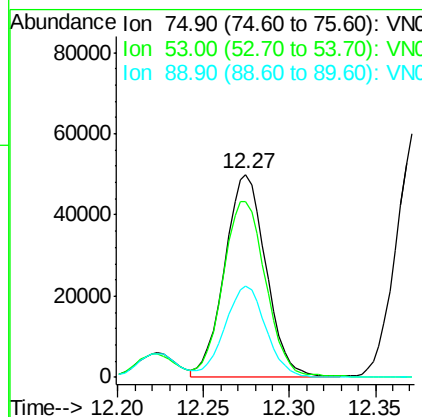
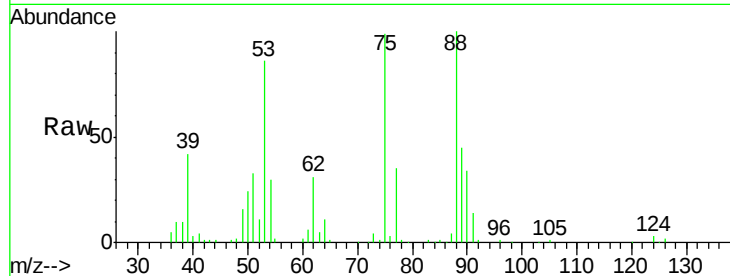
ClientSampleId :

ICVVN062420

Tot Ion:	75	Resp:	83483
Ion	Ratio	Lower	Upper
75	100		
53	90.3	72.0	108.0
89	44.0	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.294 ug/l

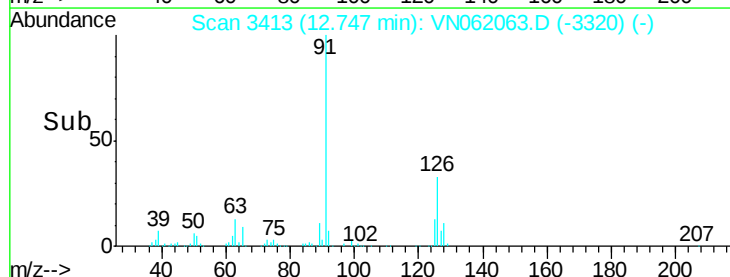
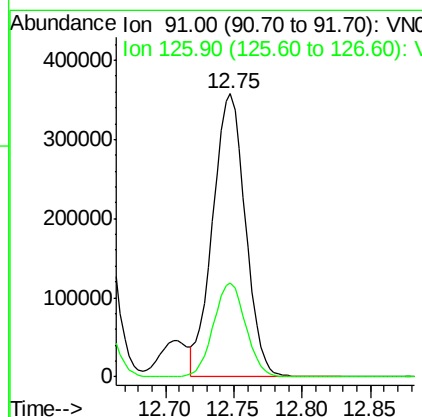
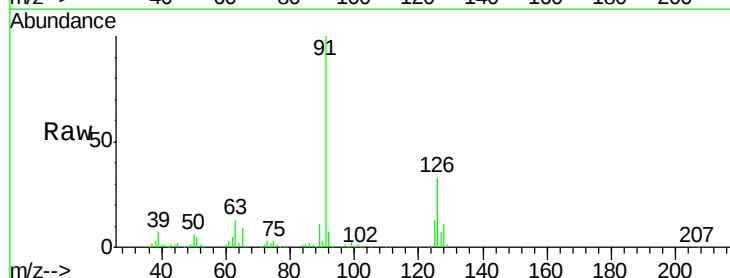
RT: 12.75 min Scan# 3413

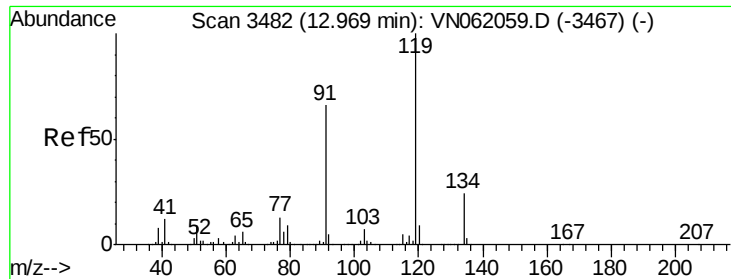
Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion:	91	Resp:	592425
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.7	50.1





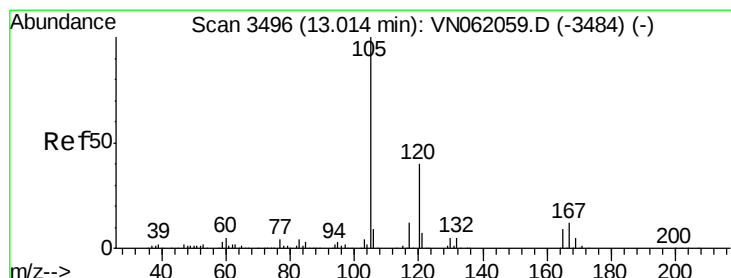
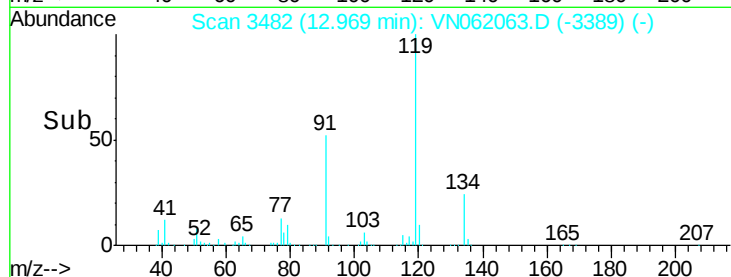
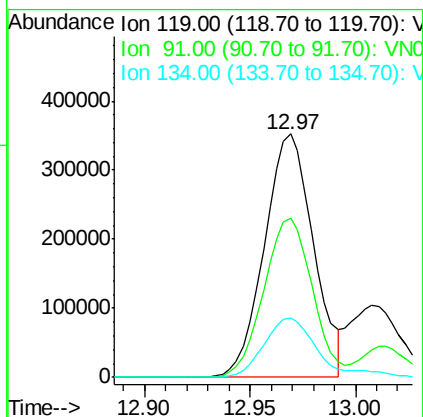
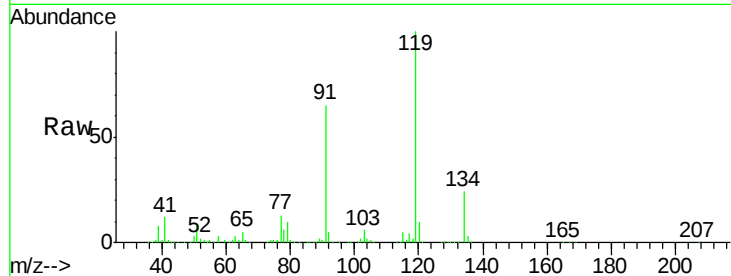
#83
 tert-Butylbenzene
 Concen: 48.943 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

Tot Ion	Ratio	Resp	Lower	Upper
119	100	570667		
91	64.7		31.7	95.1
134	26.8		13.1	39.1

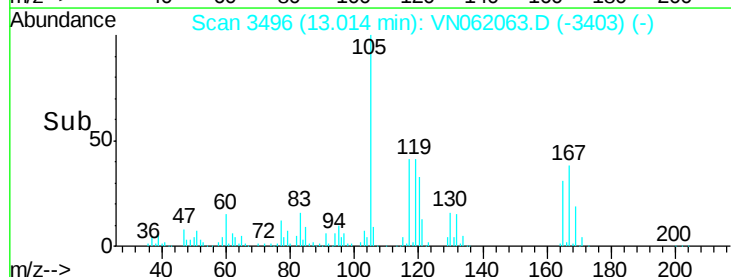
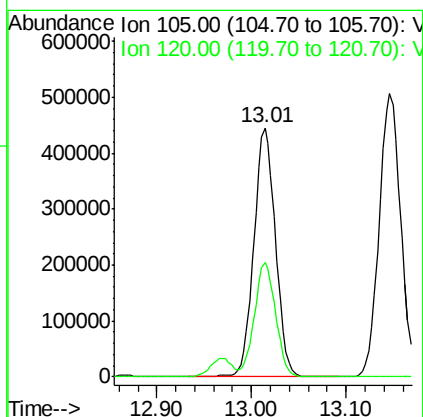
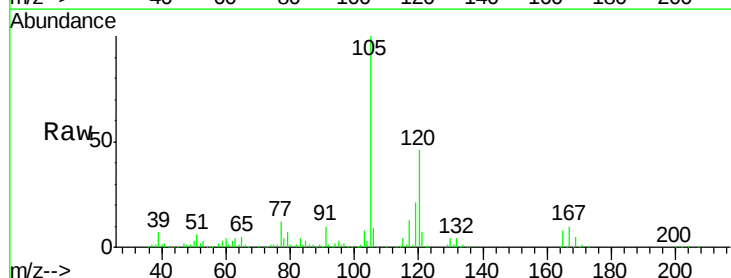
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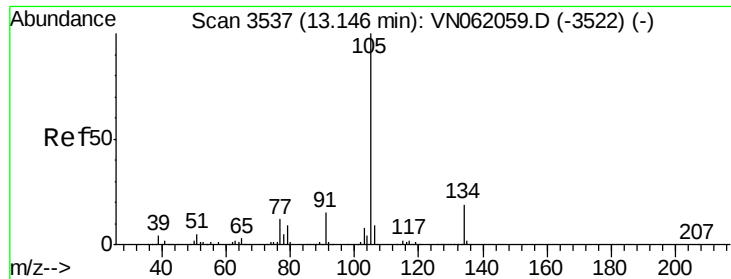
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.899 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	706191		
120	45.4		23.2	69.5





#85

sec-Butylbenzene

Concen: 51.749 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

ICVVN062420

Tot Ion:105 Resp: 797286

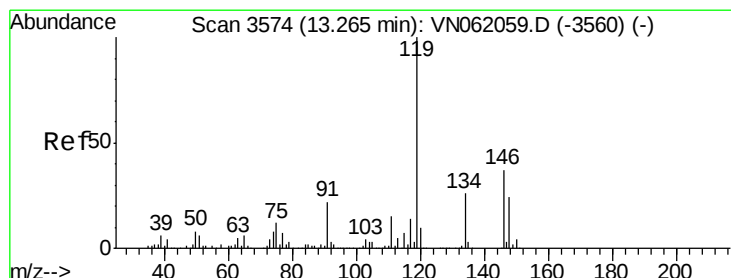
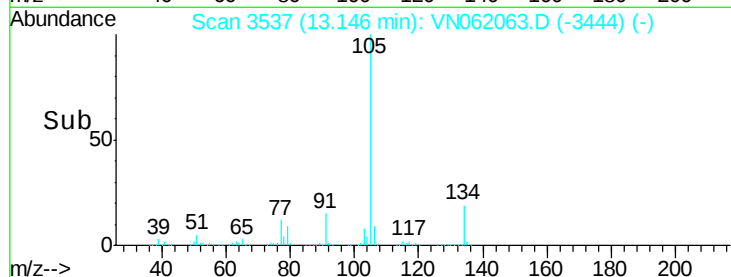
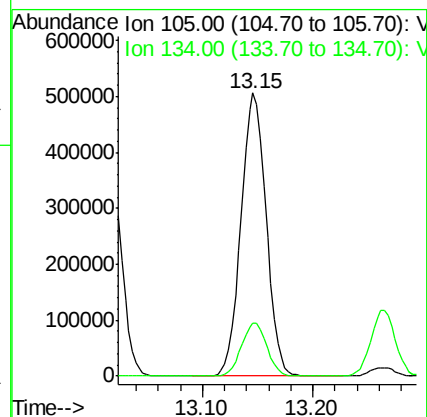
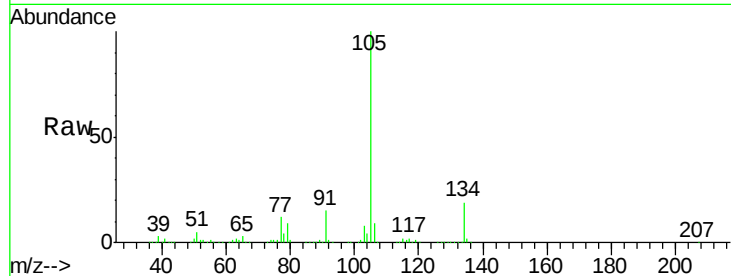
Ion Ratio Lower Upper

105 100

134 18.9 9.7 29.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 53.269 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

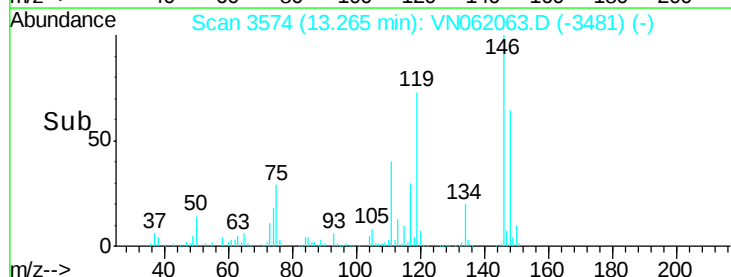
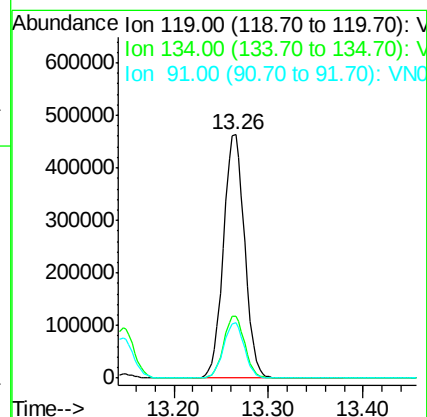
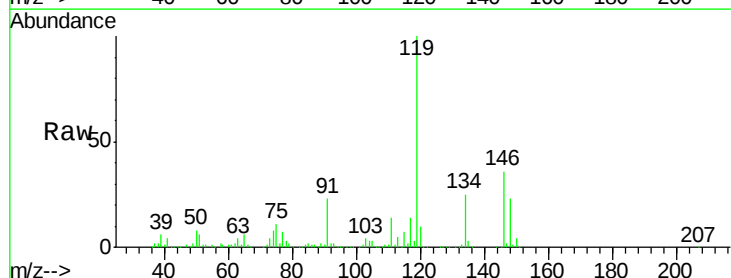
Tgt Ion:119 Resp: 719043

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 22.4 11.3 33.8





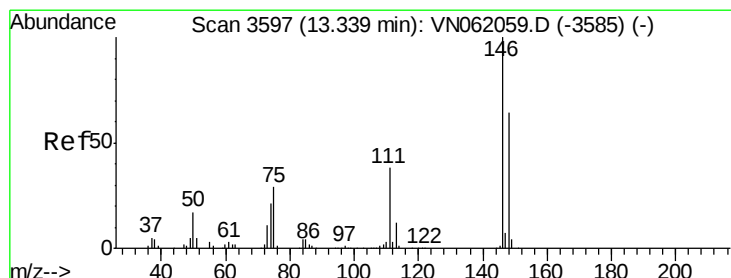
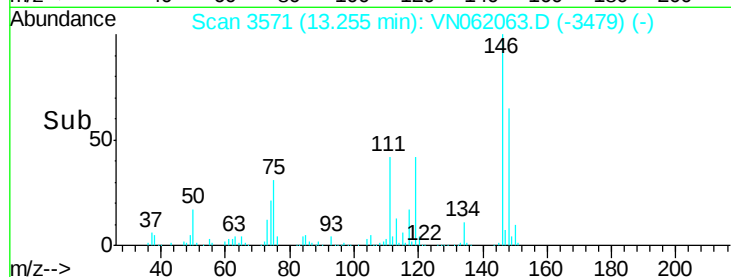
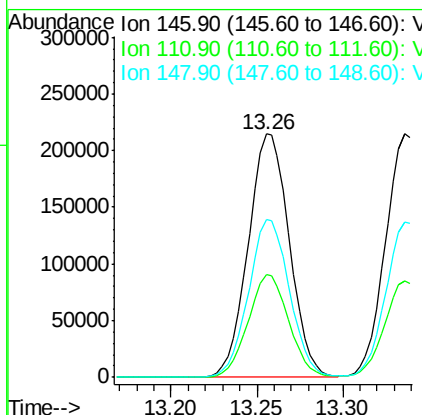
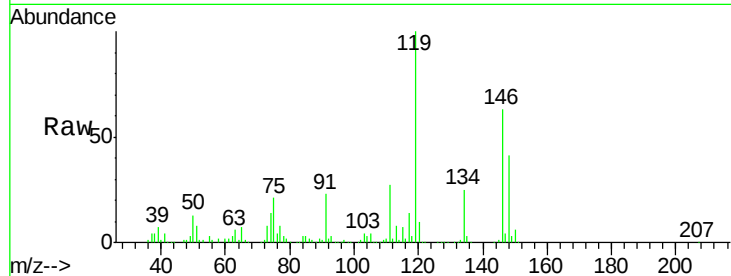
#87
 1,3-Dichlorobenzene
 Concen: 48.632 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

Tot Ion	Ratio	Resp	Lower	Upper
146	100	356320		
111	41.5	20.3	61.0	
148	64.5	31.8	95.3	

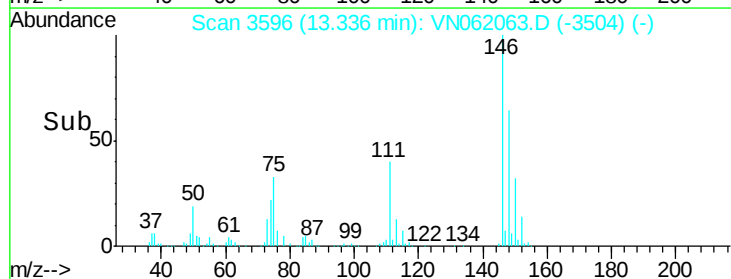
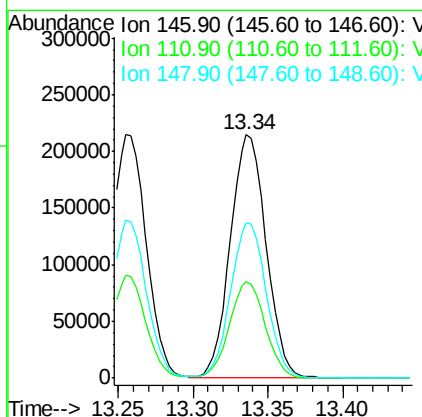
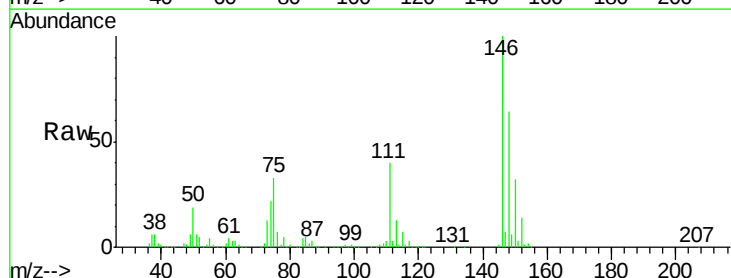
Manual Integrations
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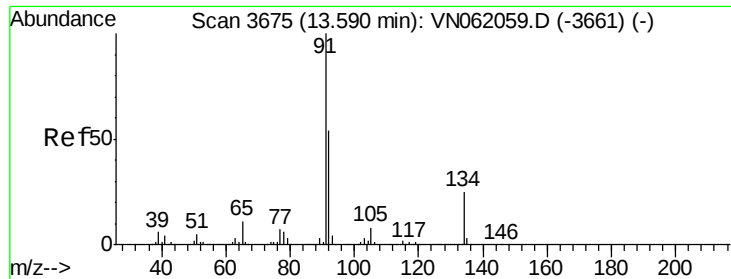
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#88
 1,4-Dichlorobenzene
 Concen: 47.298 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	357228		
111	39.5	19.9	59.6	
148	63.7	31.9	95.9	





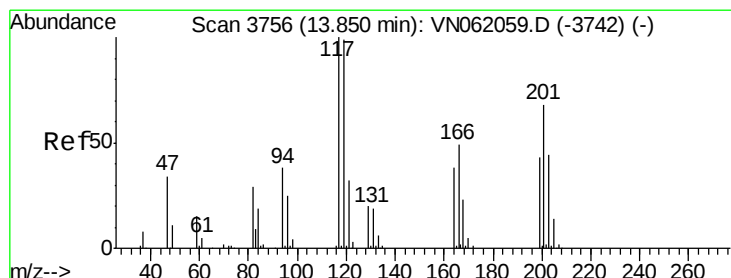
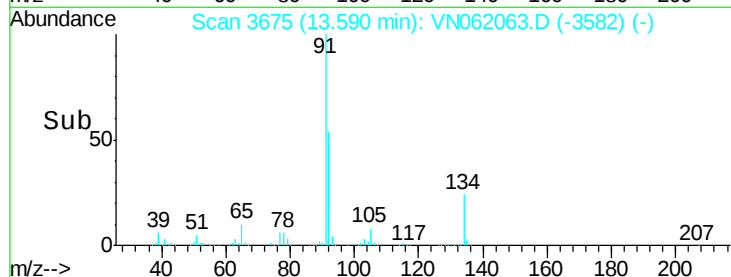
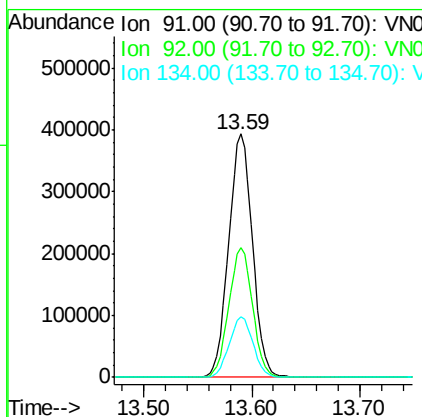
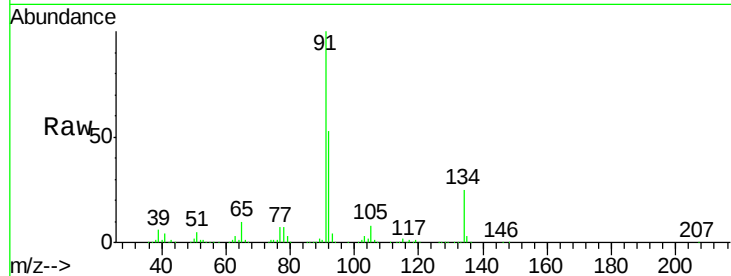
#89
n-Butylbenzene
Concen: 54.089 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	24.7	12.3	36.9

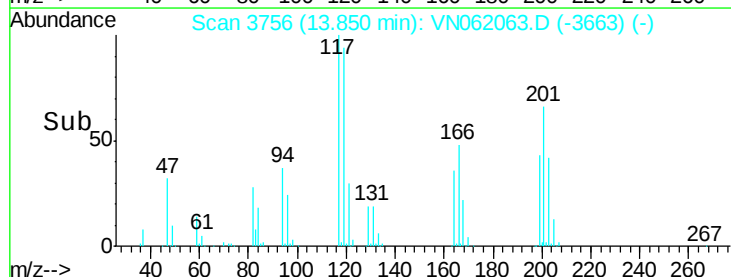
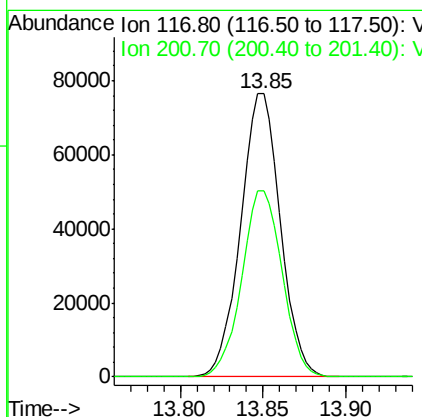
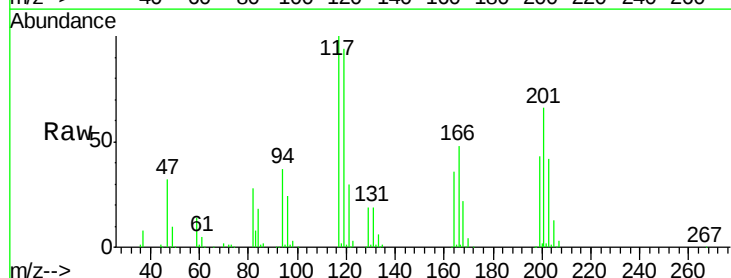
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#90
Hexachloroethane
Concen: 48.052 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.9	32.7	98.1





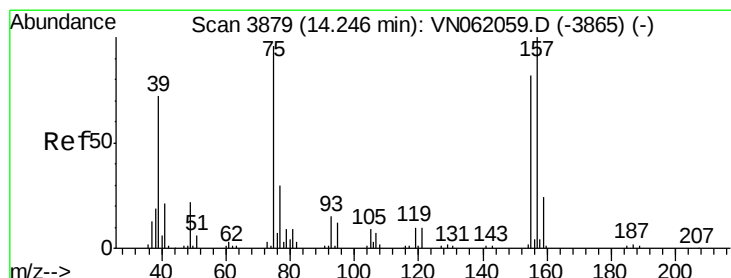
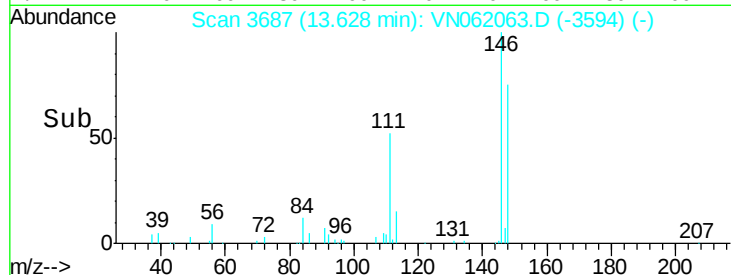
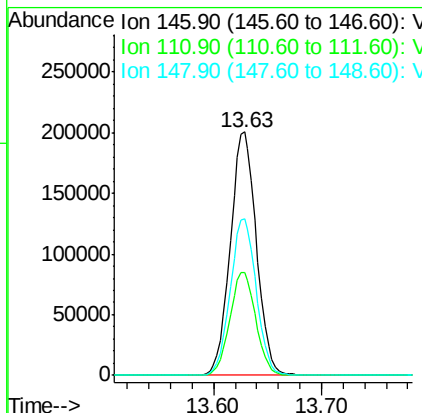
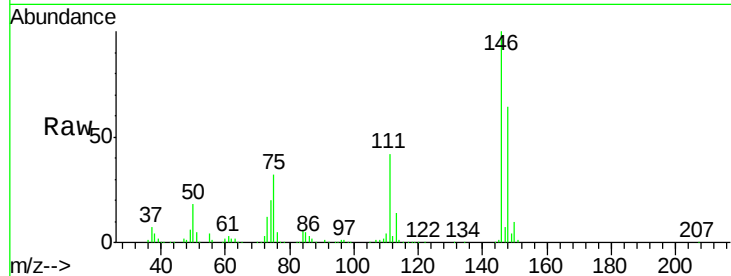
#91
 1,2-Dichlorobenzene
 Concen: 47.617 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN062420

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.2	63.6
148	64.1	31.9	95.5

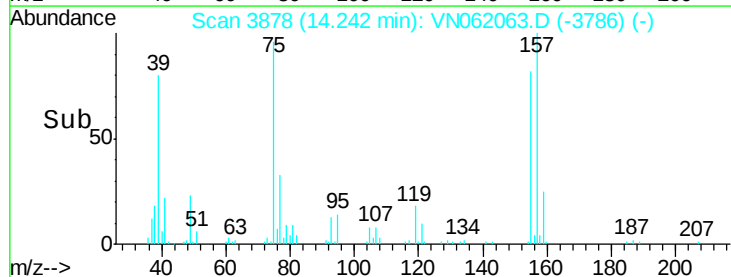
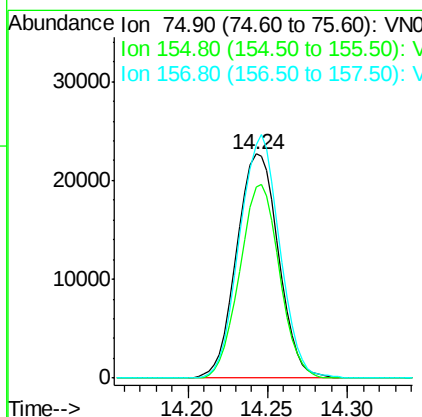
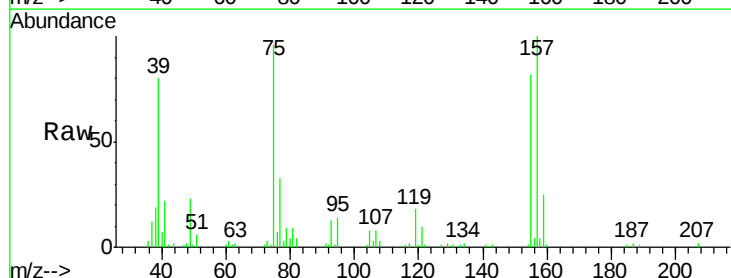
Manual Integrations
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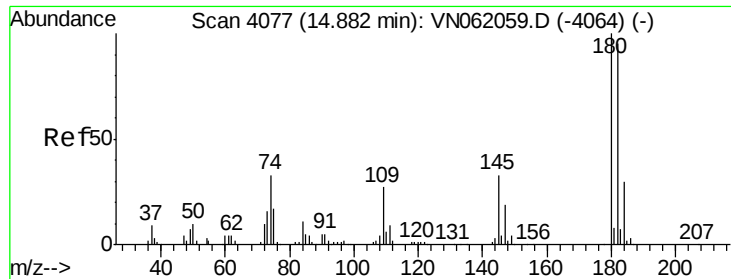
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 6/25/2020 6:10:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.164 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	40.8	122.4
157	104.2	51.4	154.3





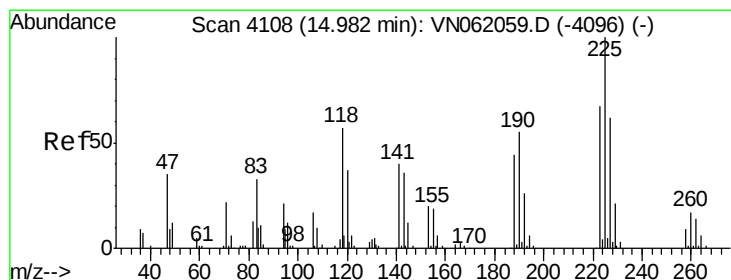
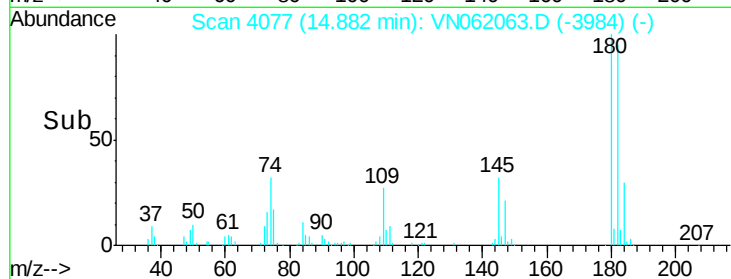
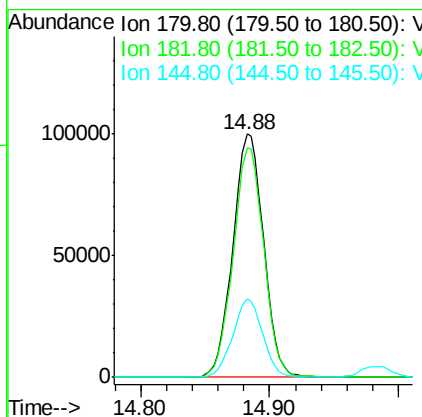
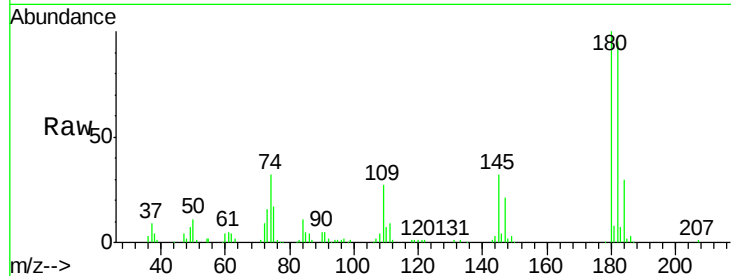
#93
 1,2,4-Trichlorobenzene
 Concen: 53.233 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165227		
182	94.3	48.0	144.2	
145	31.3	16.0	48.0	

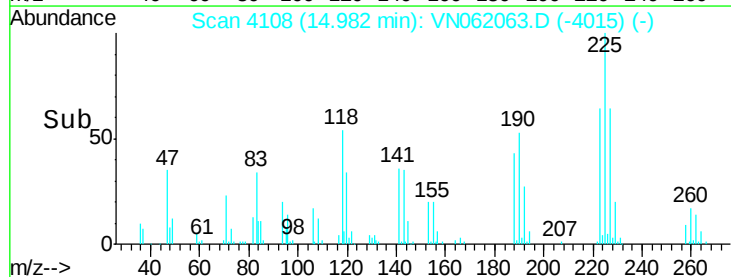
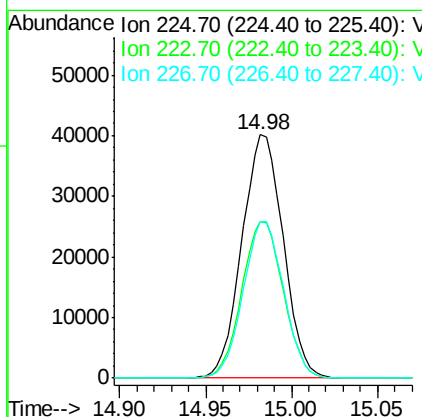
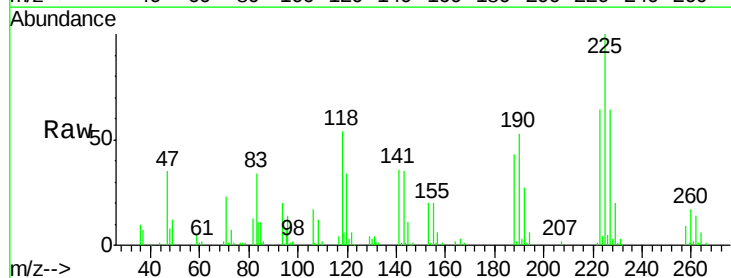
Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:20 PM



#94
 Hexachlorobutadiene
 Concen: 49.678 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66970		
223	64.4	32.9	98.7	
227	62.9	31.3	93.8	





#95

Naphthalene

Concen: 43.729 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

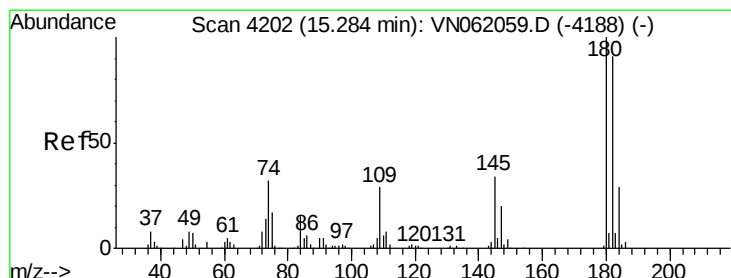
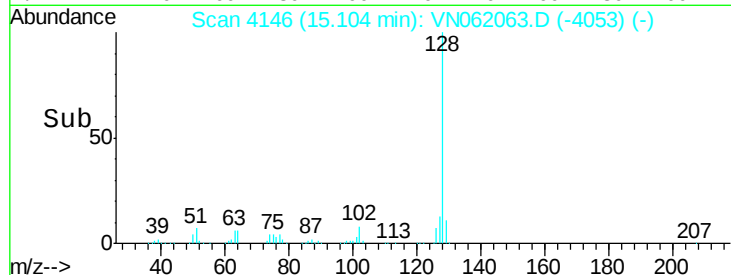
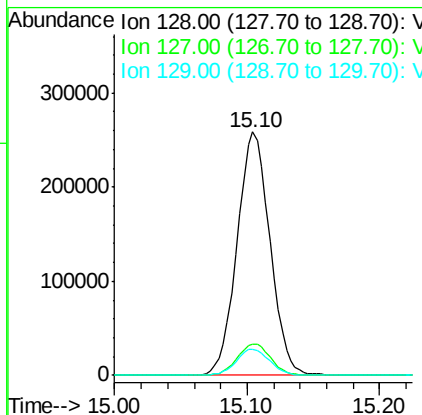
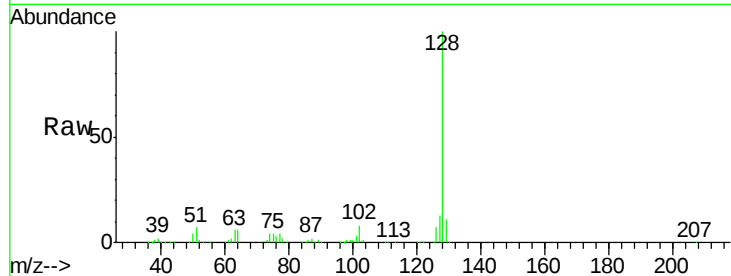
ClientSampleId :

ICVVN062420

Tot Ion:	128	Resp:	446905
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/25/2020 6:10:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.633 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion:	180	Resp:	160694
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.8	140.4
145	33.0	16.4	49.2

