

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062077.D
 Acq On : 24 Jun 2020 21:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/25/2020 6:10:39 PM

Quant Time: Jun 25 05:27:44 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	7.63	168	257961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	463443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208796	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	174010	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.55	113	141175	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	10.06	98	566109	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
62) 4-Bromofluorobenzene	12.38	95	194065	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	133709	45.857	ug/l	99
3) Chloromethane	2.03	50	167142	48.655	ug/l	98
4) Vinyl Chloride	2.16	62	210178	45.773	ug/l	98
5) Bromomethane	2.52	94	81267	27.384	ug/l	100
6) Chloroethane	2.66	64	147934	47.162	ug/l	100
7) Trichlorofluoromethane	2.98	101	260379	46.019	ug/l	99
8) Diethyl Ether	3.37	74	95268	48.220	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	135551	45.749	ug/l	99
10) Methyl Iodide	3.91	142	95244	28.543	ug/l	100
11) Tert butyl alcohol	4.74	59	123137	236.911	ug/l	99
12) 1,1-Dichloroethene	3.69	96	140546	47.449	ug/l	100
13) Acrolein	3.56	56	114242	224.499	ug/l	100
14) Allyl chloride	4.27	41	193604	48.008	ug/l	99
15) Acrylonitrile	4.93	53	342752	241.994	ug/l	99
16) Acetone	3.77	43	271424	238.686	ug/l	99
17) Carbon Disulfide	4.01	76	413804	48.776	ug/l	99
18) Methyl Acetate	4.28	43	136193	47.327	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	469848	49.641	ug/l	99
20) Methylene Chloride	4.50	84	166256	50.029	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	155225	46.002	ug/l	100
22) Diisopropyl ether	5.90	45	440002	47.919	ug/l	99
23) Vinyl Acetate	5.84	43	1879320	250.685	ug/l	100
24) 1,1-Dichloroethane	5.80	63	275095	46.525	ug/l	99
25) 2-Butanone	6.79	43	429297	242.618	ug/l	98
26) 2,2-Dichloropropane	6.77	77	215165	43.669	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	179952	47.393	ug/l	96
28) Bromochloromethane	7.15	49	123415	48.107	ug/l	100
29) Tetrahydrofuran	7.17	42	290167	250.346	ug/l	99
30) Chloroform	7.33	83	282068	46.888	ug/l	99
31) Cyclohexane	7.61	56	234386	46.864	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	242637	47.826	ug/l	100
36) 1,1-Dichloropropene	7.75	75	215158	46.188	ug/l	100
37) Ethyl Acetate	6.88	43	186477	48.344	ug/l	99
38) Carbon Tetrachloride	7.73	117	204589	46.585	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	244055	47.816	ug/l	98
40) Benzene	8.00	78	659120	46.423	ug/l	100
41) Methacrylonitrile	7.13	41	88394	49.430	ug/l	96
42) 1,2-Dichloroethane	8.08	62	220375	45.939	ug/l	100
43) Isopropyl Acetate	8.13	43	308636	49.083	ug/l	98
44) Trichloroethene	8.80	130	163760	45.723	ug/l	100
45) 1,2-Dichloropropane	9.08	63	166566	47.552	ug/l	100
46) Dibromomethane	9.17	93	112258	47.268	ug/l	98
47) Bromodichloromethane	9.37	83	227430	47.428	ug/l	98
48) Methyl methacrylate	9.17	41	144696	51.322	ug/l	96
49) 1,4-Dioxane	9.17	88	60486	967.413	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	937035	255.056	ug/l	100
52) Toluene	10.12	92	422917	48.818	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	251093	47.595	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	272180	48.459	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	163403	47.984	ug/l	98
56) Ethyl methacrylate	10.40	69	239810	52.768	ug/l	100
57) 1,3-Dichloropropane	10.68	76	280778	47.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	465153	241.020	ug/l	100
59) 2-Hexanone	10.72	43	688926	259.690	ug/l	100
60) Dibromochloromethane	10.87	129	174660	48.445	ug/l	98
61) 1,2-Dibromoethane	10.98	107	168728	48.220	ug/l	100
64) Tetrachloroethene	10.60	164	135143	45.831	ug/l	98
65) Chlorobenzene	11.41	112	441043	46.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	155130	47.325	ug/l	99
67) Ethyl Benzene	11.48	91	797025	49.783	ug/l	99
68) m/p-Xylenes	11.60	106	609218	98.383	ug/l	99
69) o-Xylene	11.92	106	292517	50.067	ug/l	98
70) Styrene	11.94	104	499337	51.246	ug/l	99
71) Bromoform	12.10	173	115322	49.481	ug/l #	99
73) Isopropylbenzene	12.22	105	769870	47.633	ug/l	100
74) N-amyl acetate	12.05	43	280090	47.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	245890	45.717	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	202961m	41.292	ug/l	
77) Bromobenzene	12.50	156	182722	45.537	ug/l	99
78) n-propylbenzene	12.57	91	888059	48.036	ug/l	100
79) 2-Chlorotoluene	12.65	91	524299	46.911	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	640536	48.888	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	70527	41.904	ug/l	99
82) 4-Chlorotoluene	12.75	91	539417	46.672	ug/l	100
83) tert-Butylbenzene	12.97	119	537260	47.914	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	639467	48.868	ug/l	100
85) sec-Butylbenzene	13.15	105	717049	48.395	ug/l	99
86) p-Isopropyltoluene	13.26	119	642280	49.478	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	327626	46.497	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	329125	45.314	ug/l	99
89) n-Butylbenzene	13.59	91	531752	49.272	ug/l	99
90) Hexachloroethane	13.85	117	110899	43.544	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	321411	47.040	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	42004	48.751	ug/l	97

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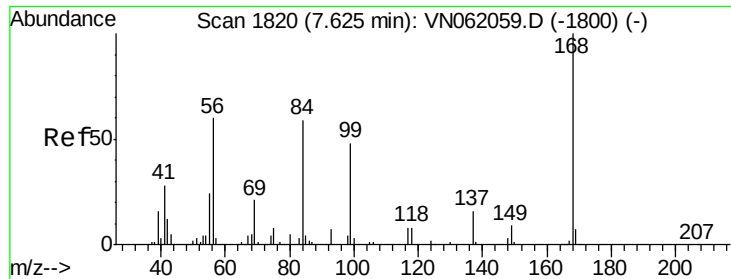
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	152832	51.202	ug/l	99
94) Hexachlorobutadiene	14.98	225	59889	46.196	ug/l	99
95) Naphthalene	15.11	128	461145	46.628	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	153012	50.134	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 257961

Ion Ratio Lower Upper

168 100

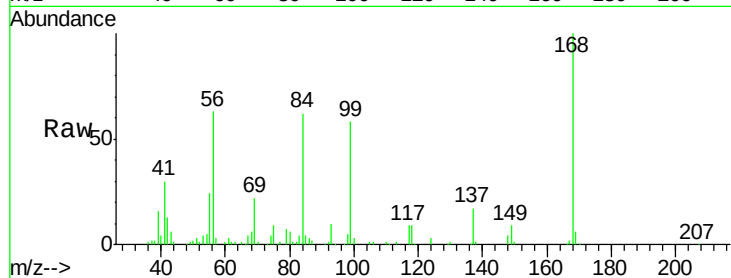
99 57.7 45.8 68.8

Manual Integrations

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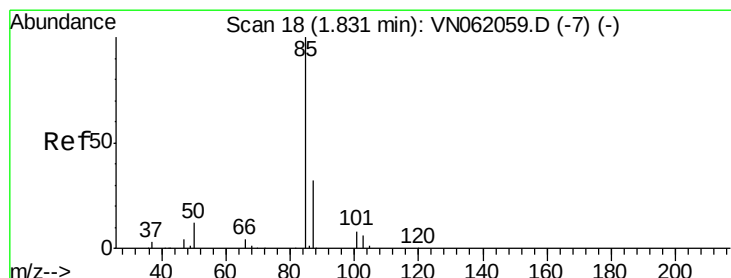
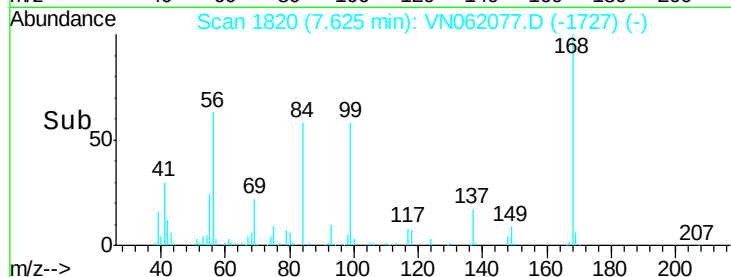
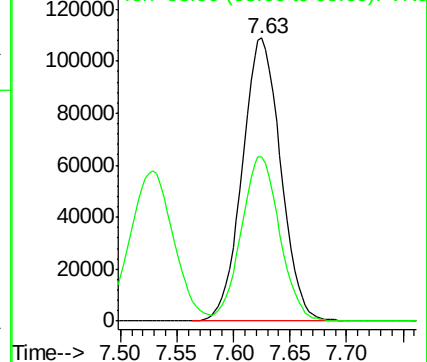
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.857 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062077.D

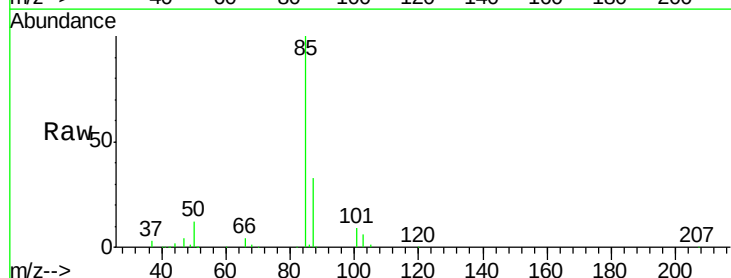
Acq: 24 Jun 2020 21:02

Tgt Ion: 85 Resp: 133709

Ion Ratio Lower Upper

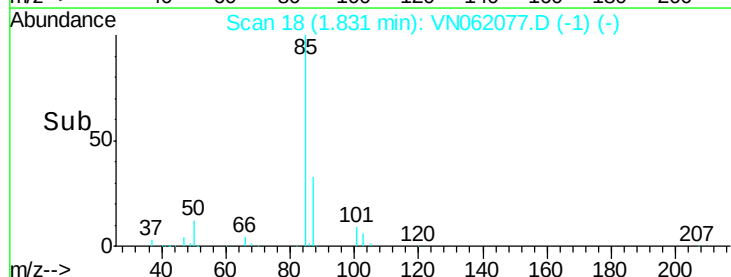
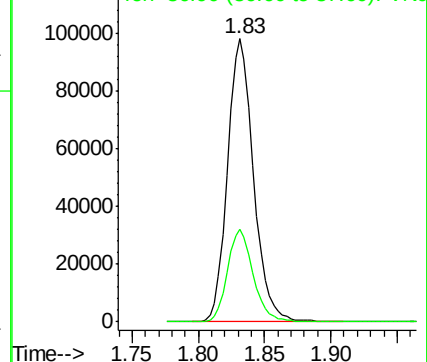
85 100

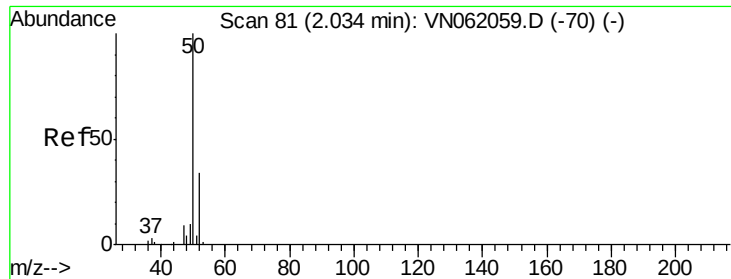
87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 48.655 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 167142

Ion Ratio Lower Upper

50 100

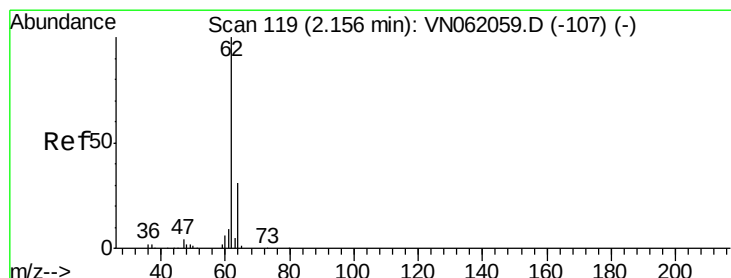
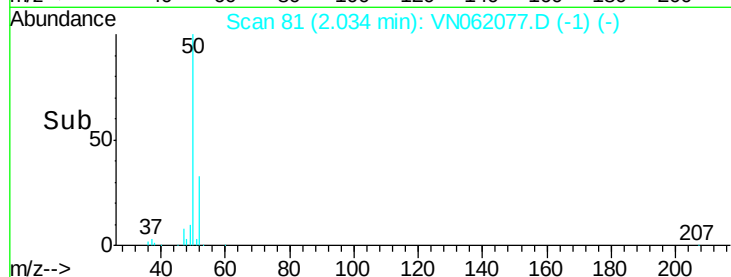
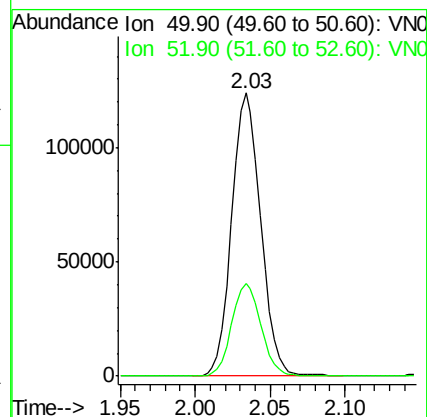
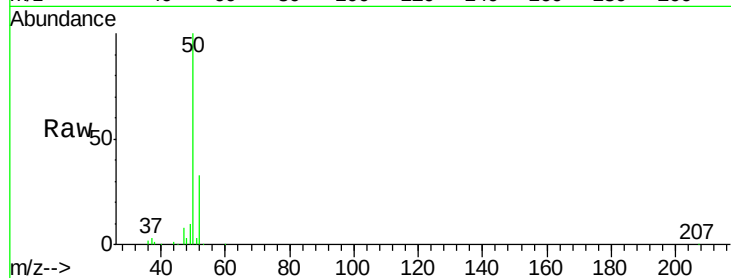
52 32.6 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.773 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062077.D

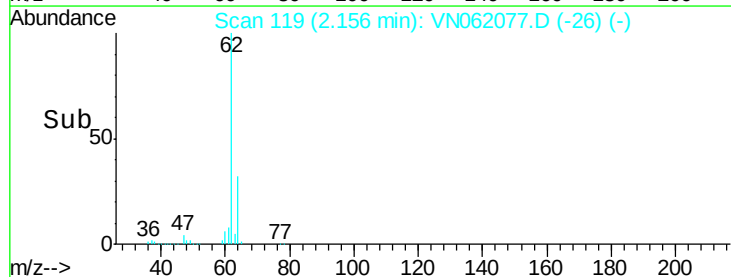
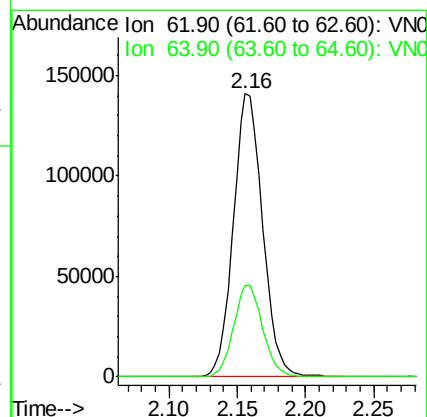
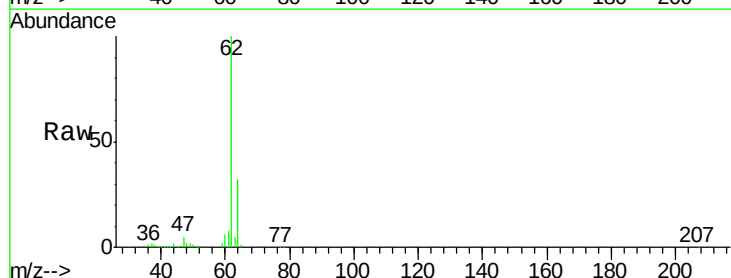
Acq: 24 Jun 2020 21:02

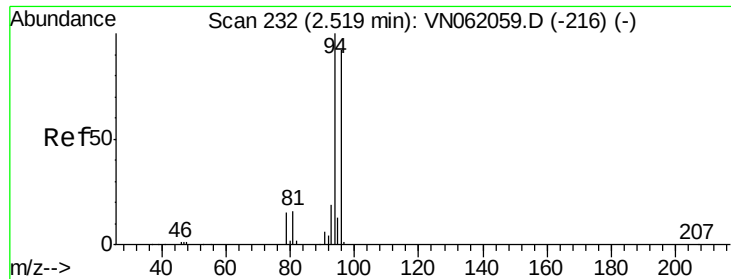
Tgt Ion: 62 Resp: 210178

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 27.384 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 81267

Ion Ratio Lower Upper

94 100

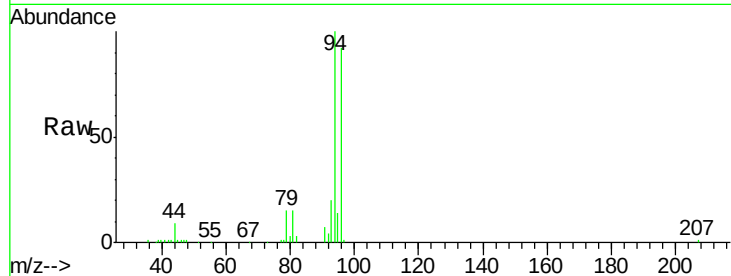
96 92.0 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

40000

30000

20000

10000

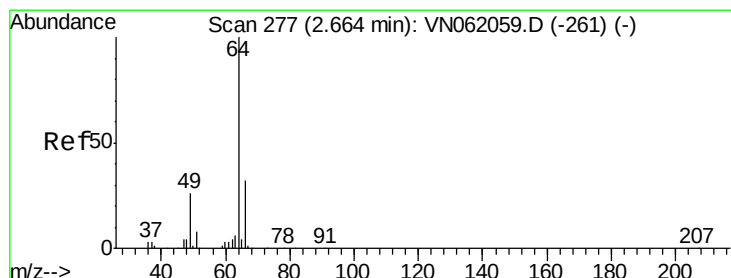
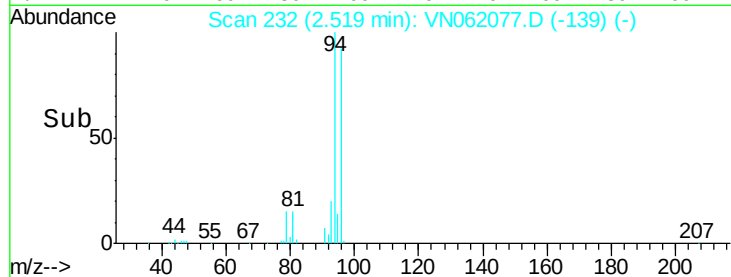
0

Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 47.162 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062077.D

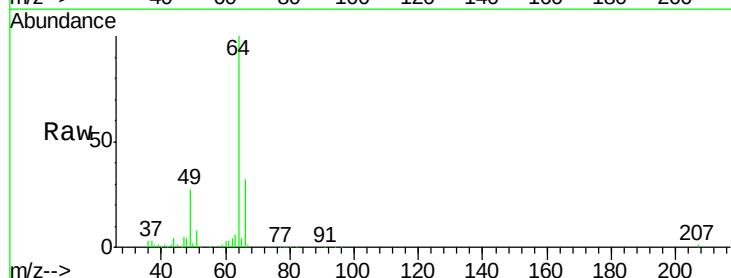
Acq: 24 Jun 2020 21:02

Tgt Ion: 64 Resp: 147934

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

80000

60000

40000

20000

0

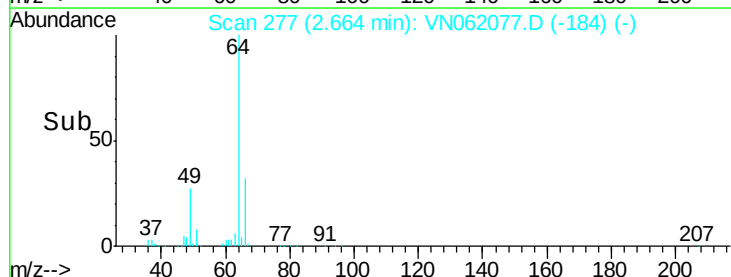
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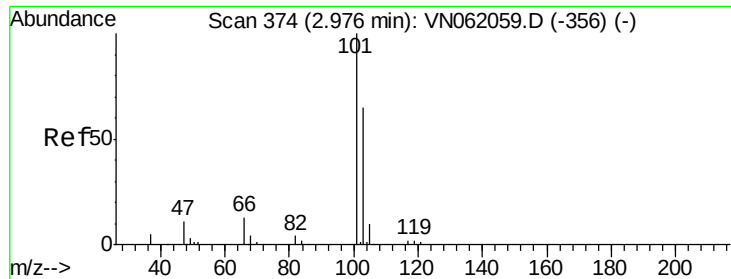
2.60

2.65

2.70

2.75





#7

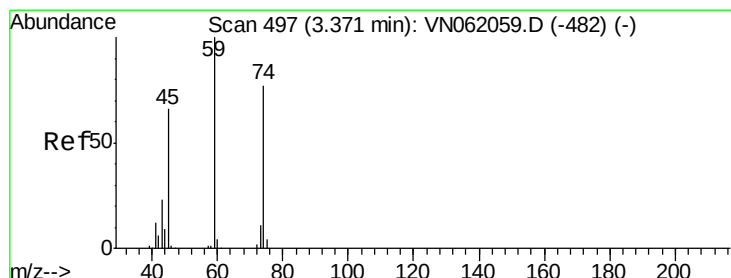
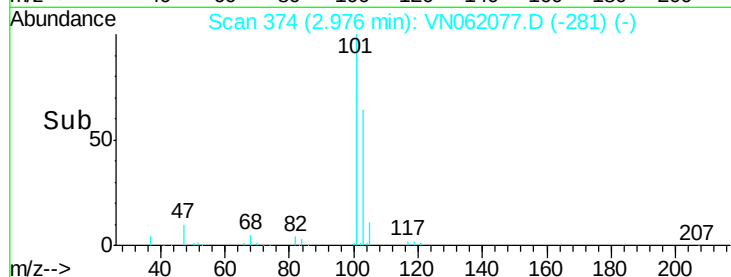
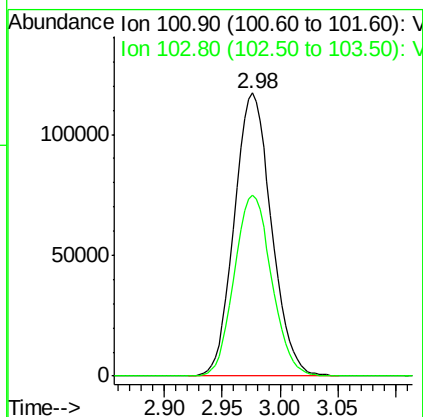
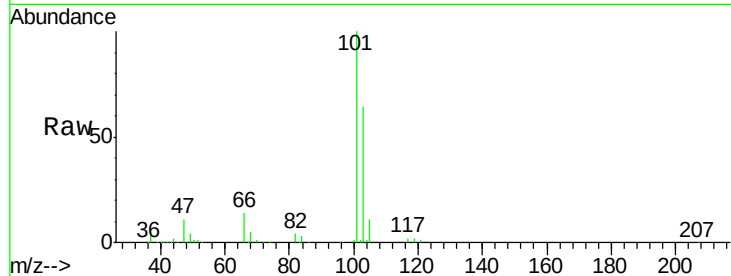
Trichlorofluoromethane
 Concen: 46.019 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.8	77.6

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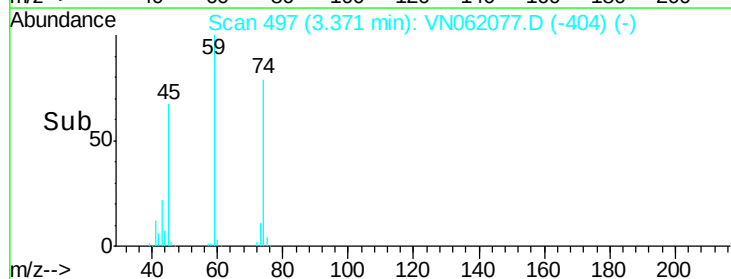
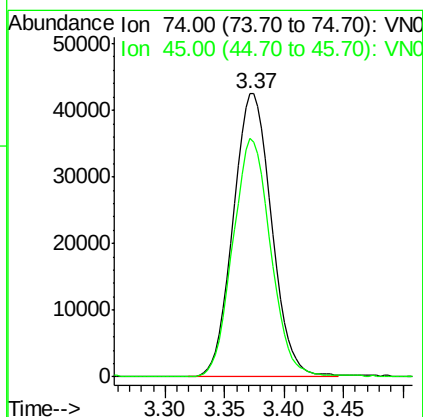
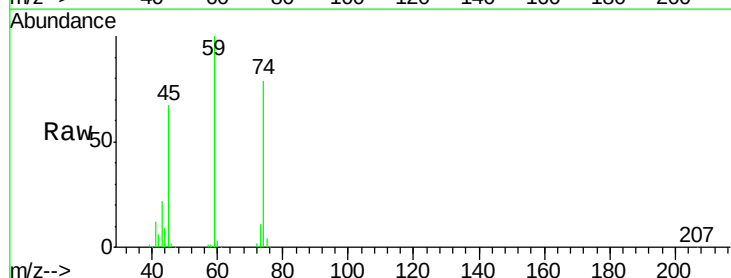
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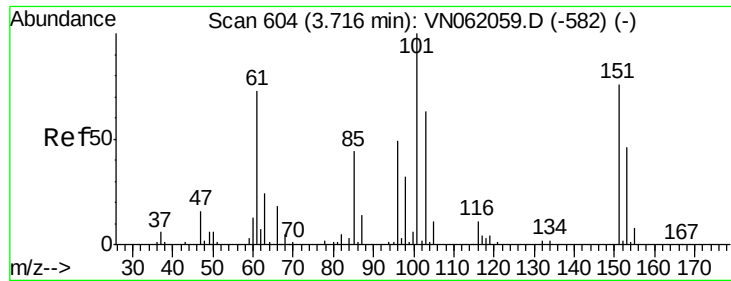


#8

Diethyl Ether
 Concen: 48.220 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.7	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.749 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

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MSVOA_N

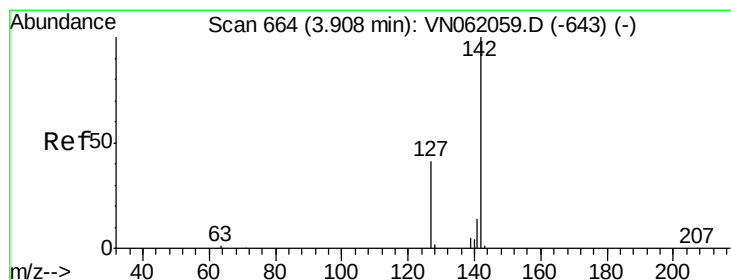
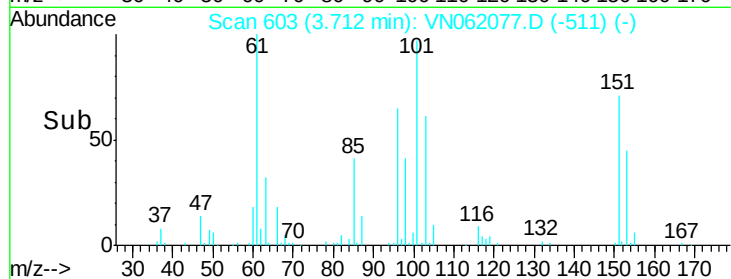
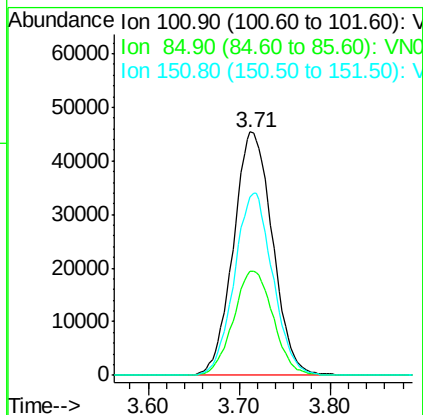
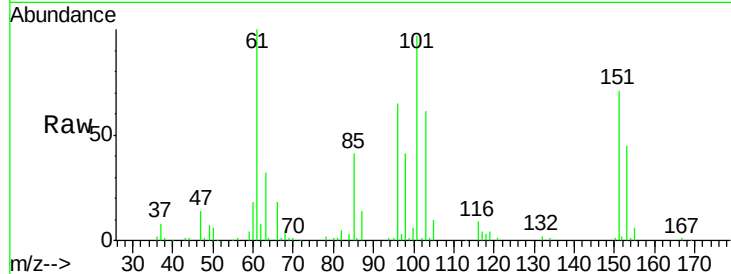
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	135551
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.5	51.7
151	73.5	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 28.543 ug/l

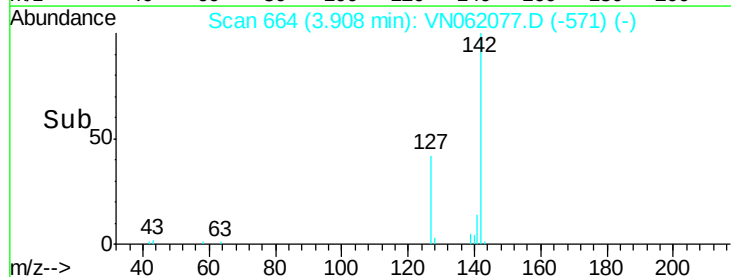
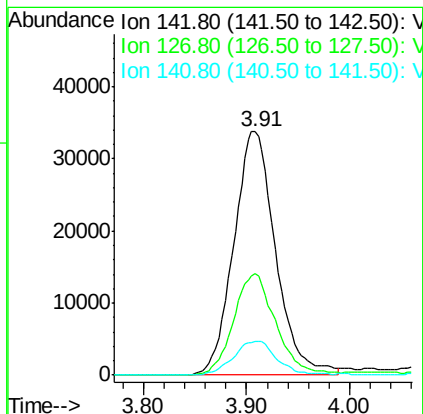
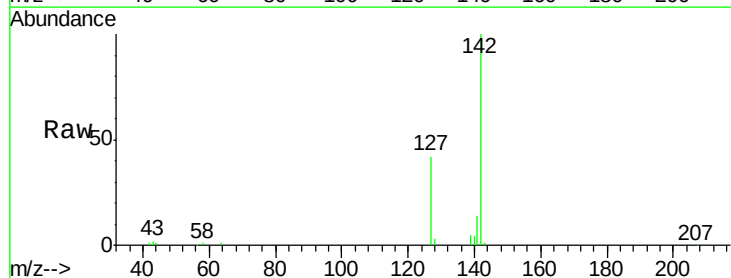
RT: 3.91 min Scan# 664

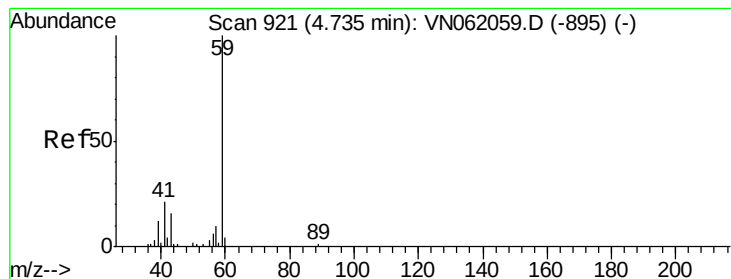
Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	142	Resp:	95244
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.2	11.3	16.9





#11

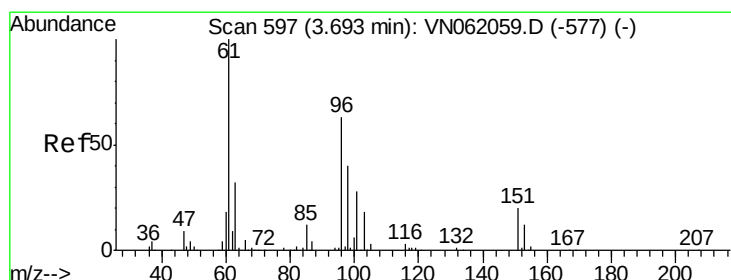
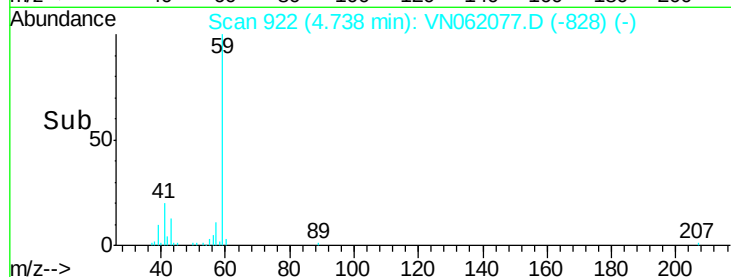
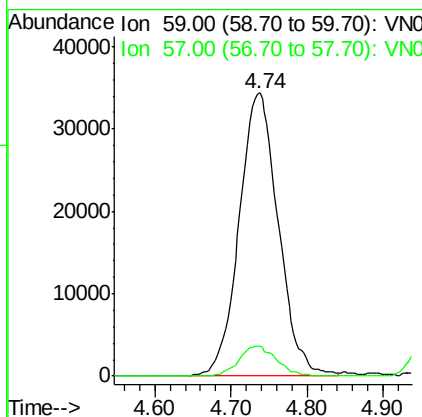
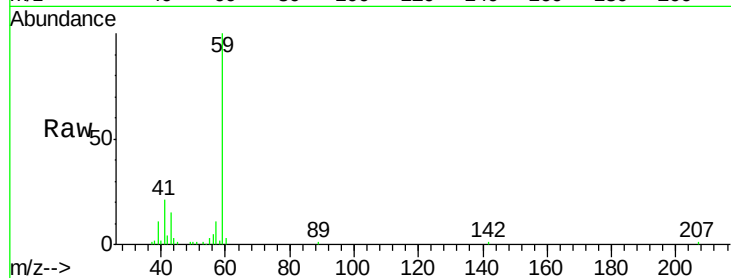
Tert butyl alcohol
Concen: 236.911 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	123137		
57	10.1		8.3	12.5

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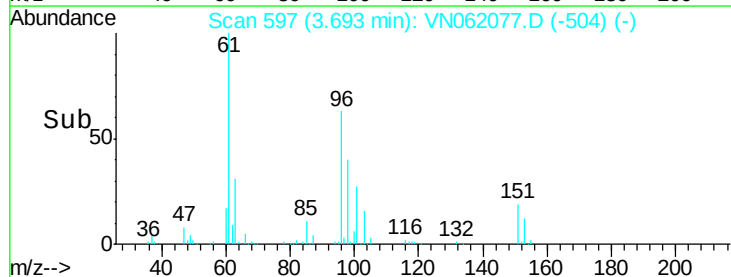
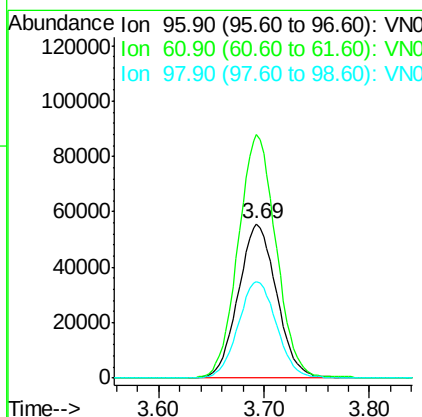
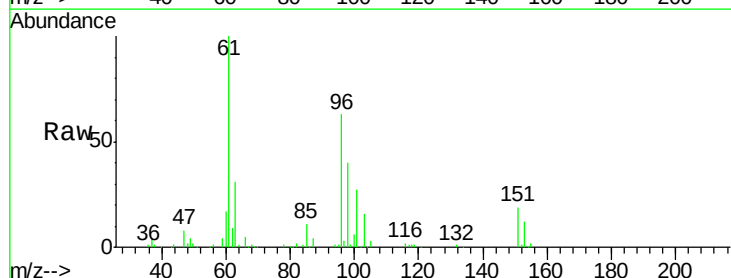
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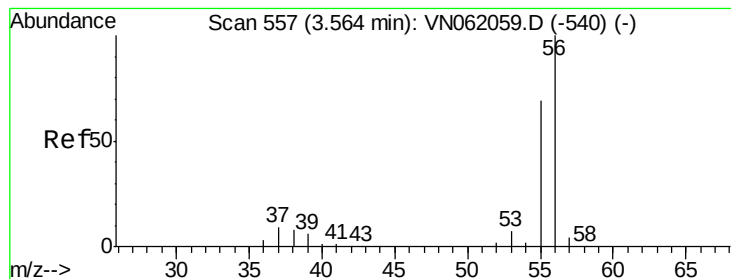


#12

1,1-Dichloroethene
Concen: 47.449 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	140546		
61	158.1		126.7	190.1
98	62.9		51.0	76.4





#13

Acrolein

Concen: 224.499 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 114242

Ion Ratio Lower Upper

56 100

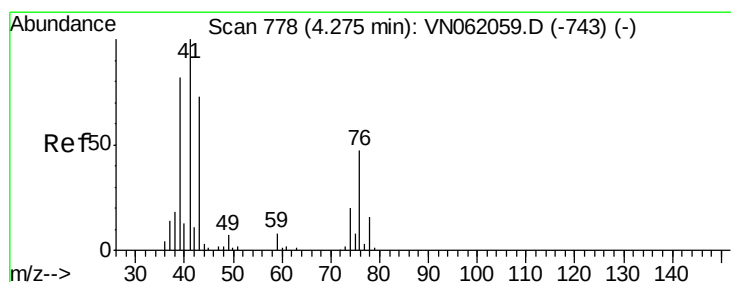
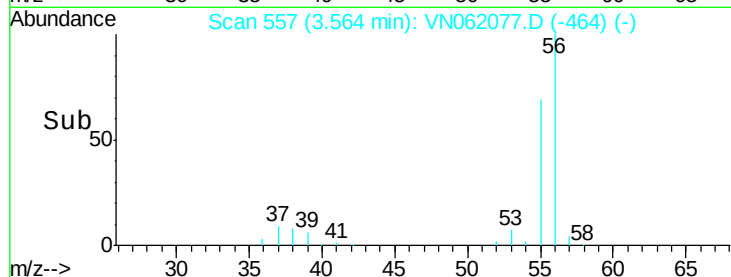
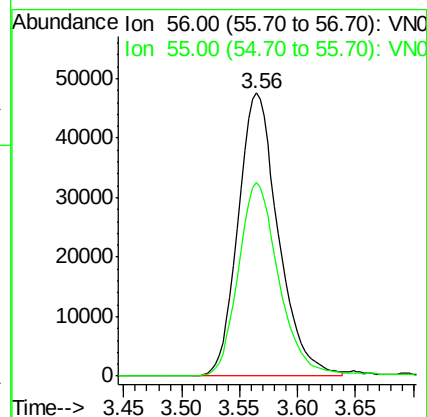
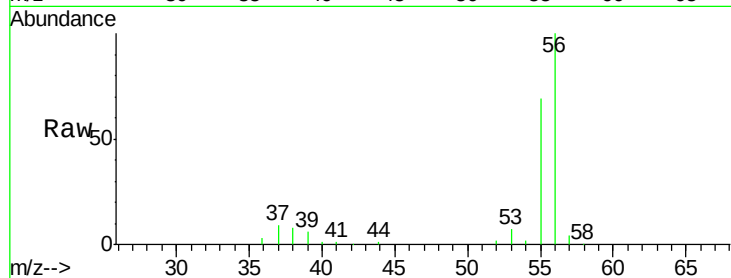
55 69.0 55.5 83.3

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#14

Allyl chloride

Concen: 48.008 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

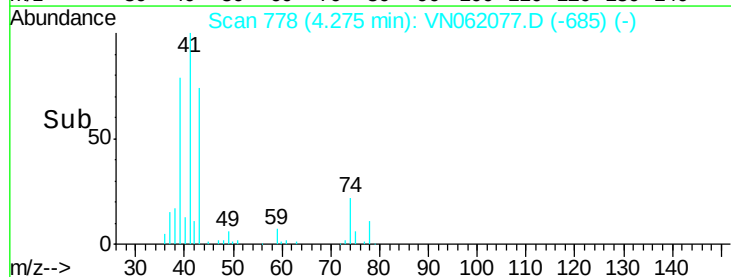
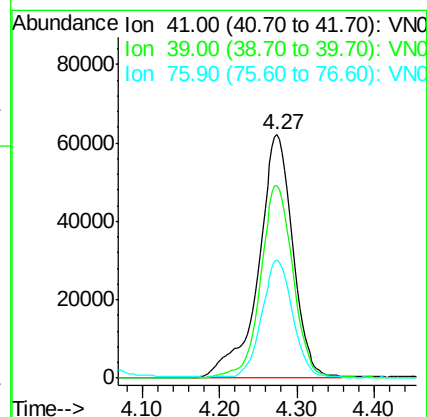
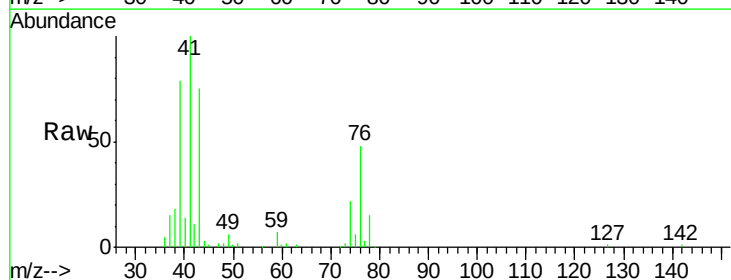
Tgt Ion: 41 Resp: 193604

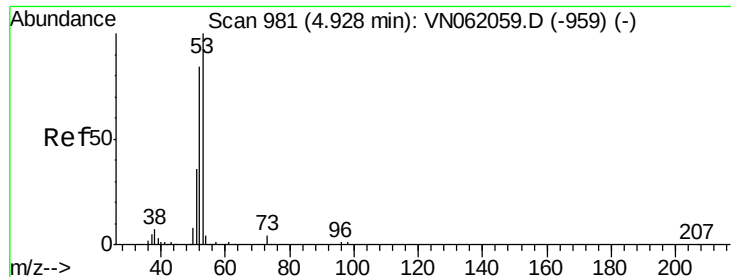
Ion Ratio Lower Upper

41 100

39 74.0 60.0 90.0

76 42.9 34.1 51.1





#15

Acrylonitrile

Concen: 241.994 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

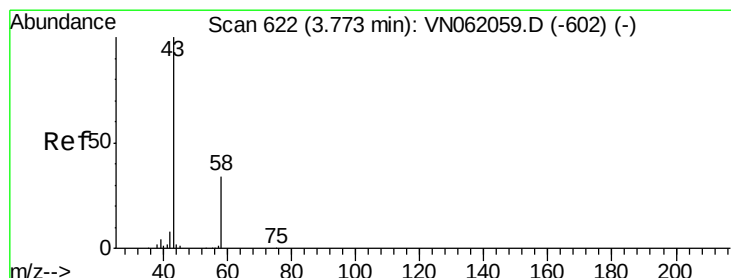
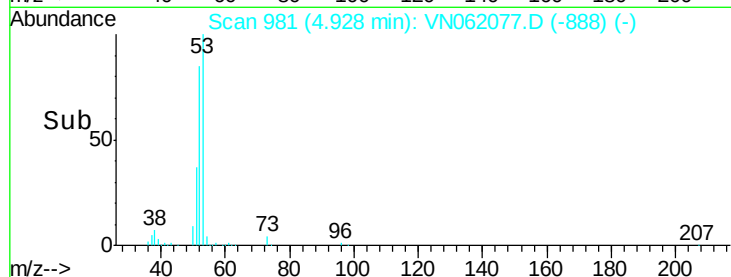
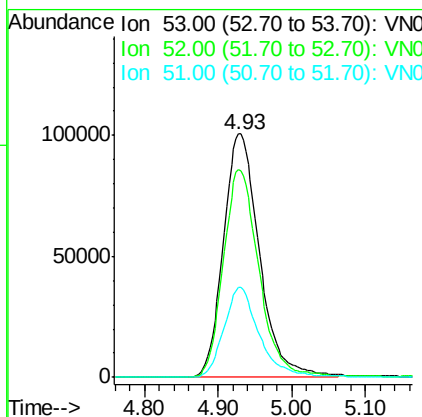
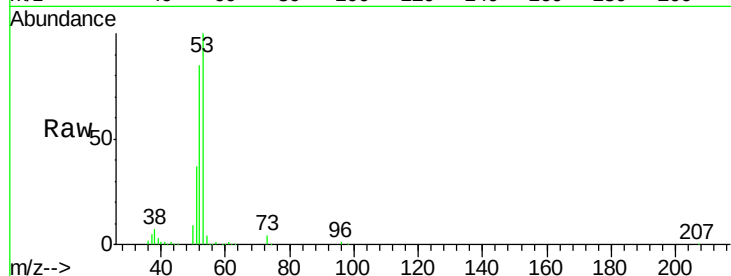
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	342752
Ion Ratio	Lower	Upper	
53	100		
52	84.3	66.2	99.4
51	36.3	28.9	43.3

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#16

Acetone

Concen: 238.686 ug/l

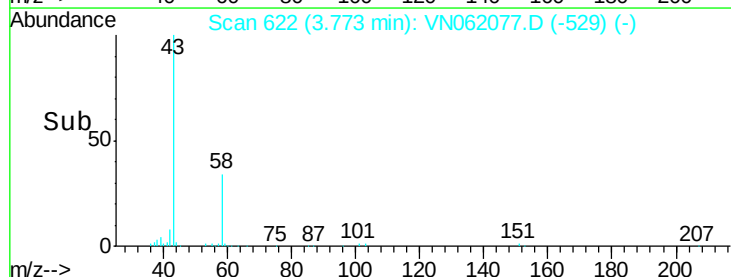
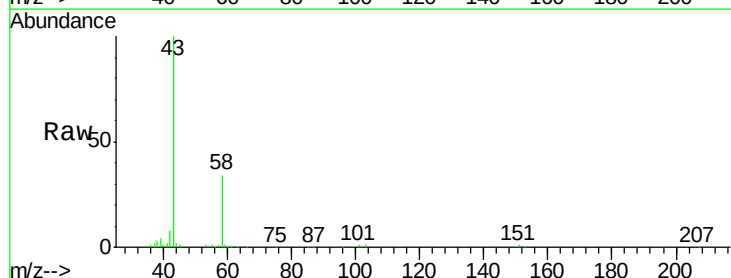
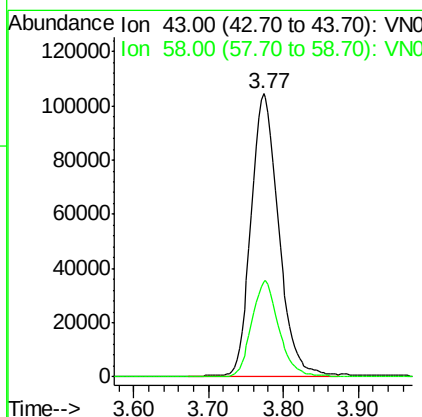
RT: 3.77 min Scan# 622

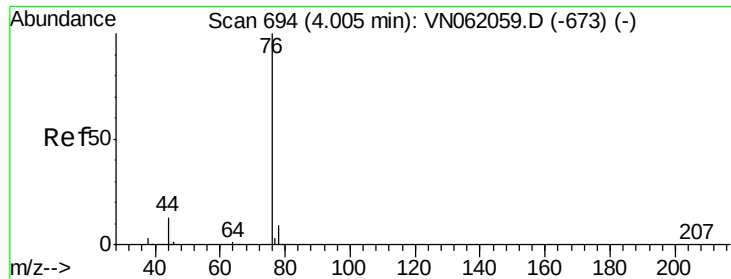
Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	43	Resp:	271424
Ion Ratio	Lower	Upper	
43	100		
58	33.8	27.5	41.3





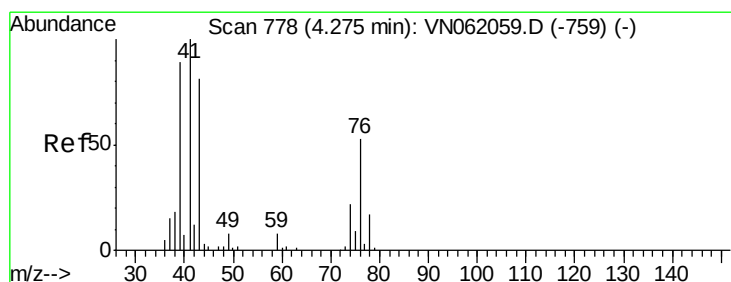
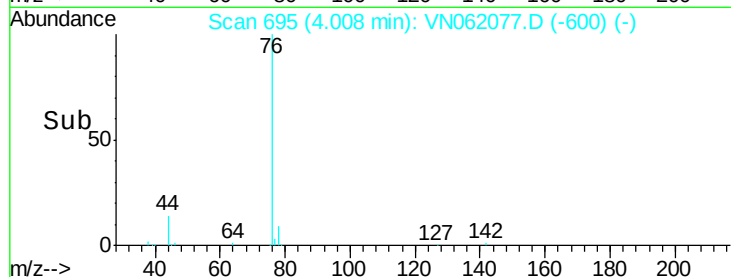
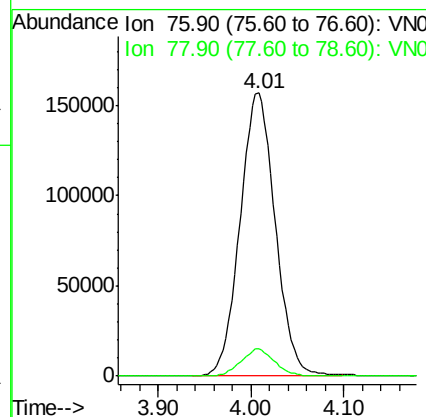
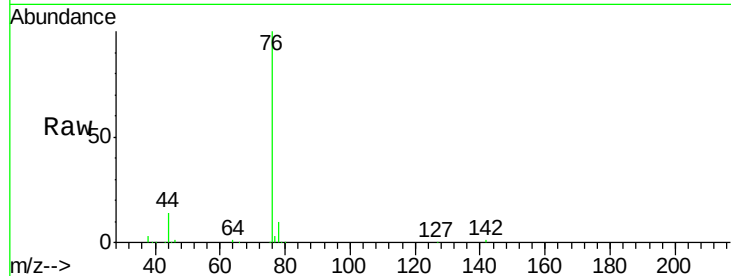
#17
Carbon Disulfide
Concen: 48.776 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

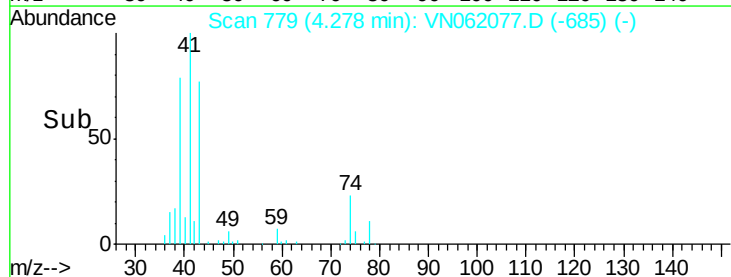
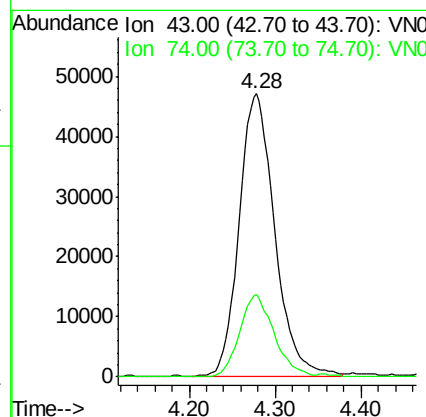
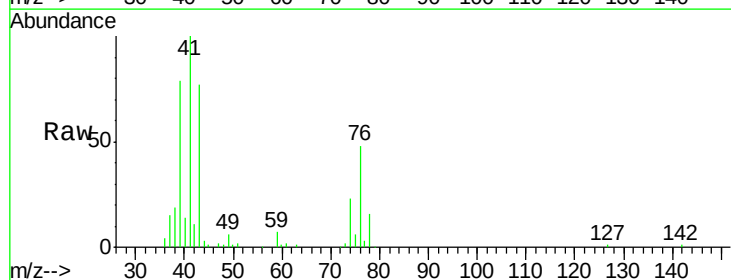
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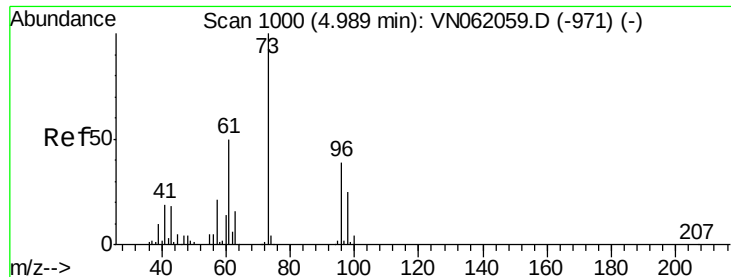
MMDadoda
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#18
Methyl Acetate
Concen: 47.327 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	22.9	34.3





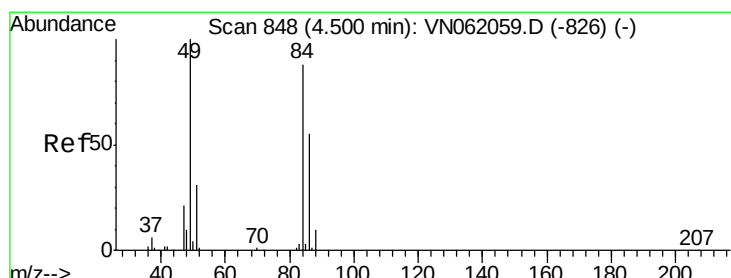
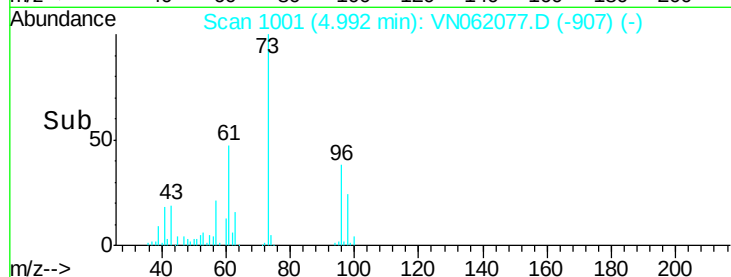
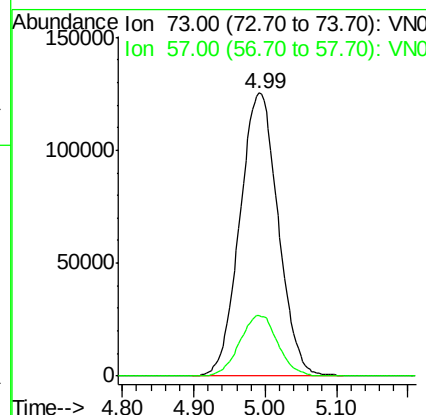
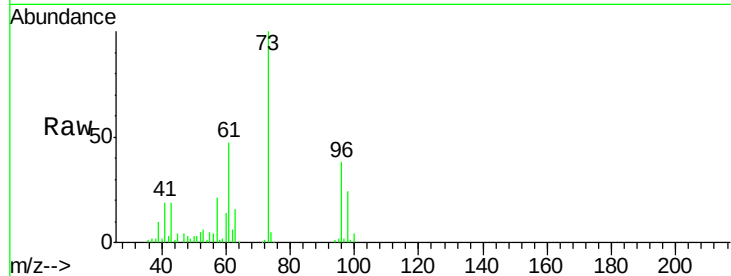
#19
Methyl tert-butyl Ether
Concen: 49.641 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 469848
Ion Ratio Lower Upper
73 100
57 21.3 16.6 24.8

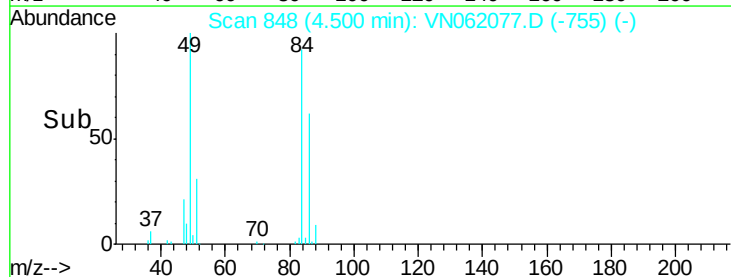
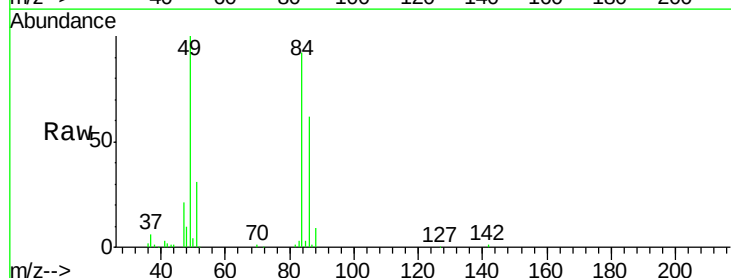
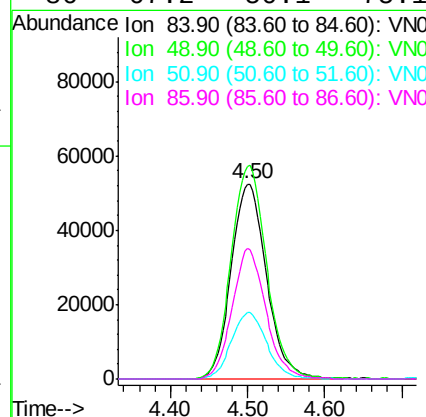
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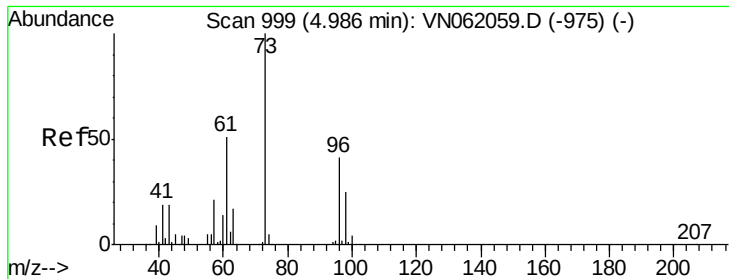
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#20
Methylene Chloride
Concen: 50.029 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion: 84 Resp: 166256
Ion Ratio Lower Upper
84 100
49 109.3 90.6 136.0
51 34.1 27.8 41.8
86 67.2 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 46.002 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

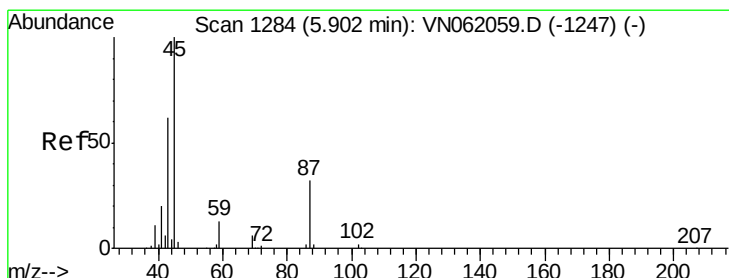
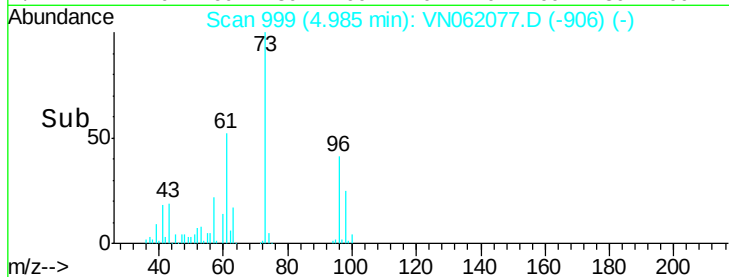
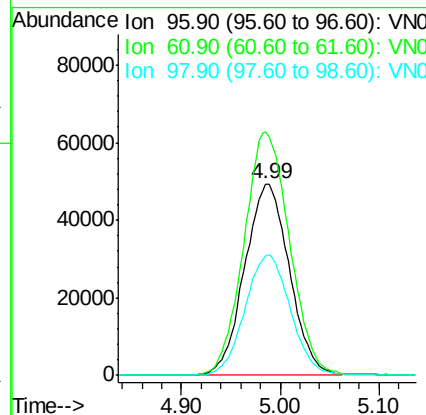
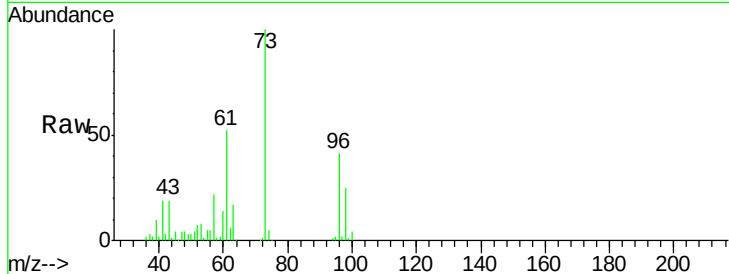
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	155225
Ion	Ratio	Lower	Upper
96	100		
61	127.1	101.4	152.2
98	62.1	49.3	73.9

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#22

Diisopropyl ether

Concen: 47.919 ug/l

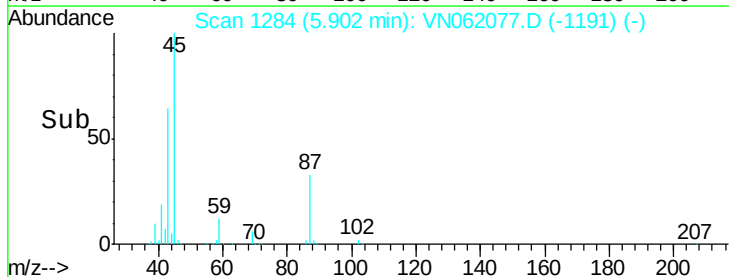
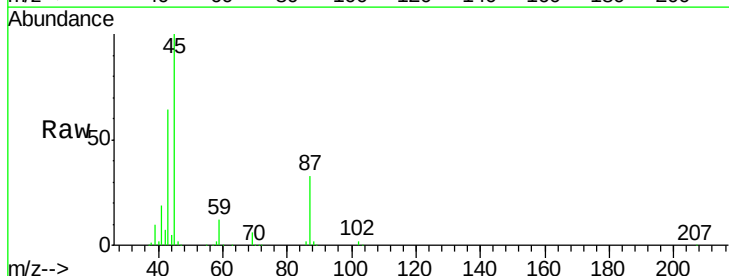
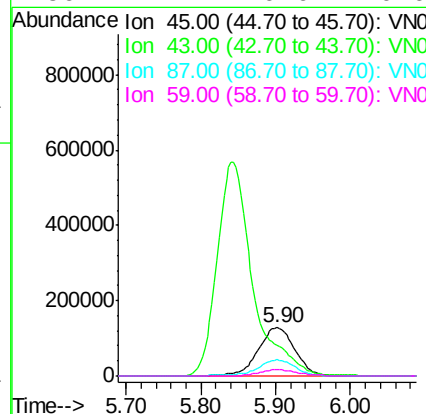
RT: 5.90 min Scan# 1284

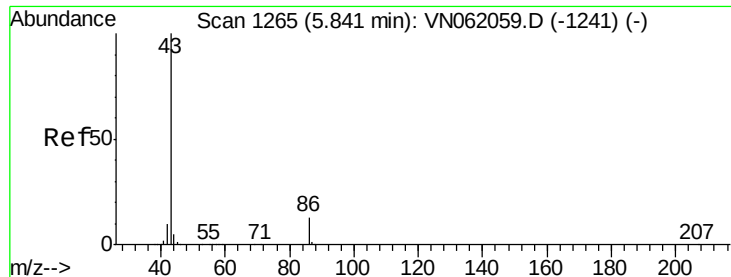
Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	45	Resp:	440002
Ion	Ratio	Lower	Upper
45	100		
43	62.0	49.7	74.5
87	33.2	25.9	38.9
59	12.1	10.6	16.0





#23

Vinyl Acetate

Concen: 250.685 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1879320

Ion Ratio Lower Upper

43 100

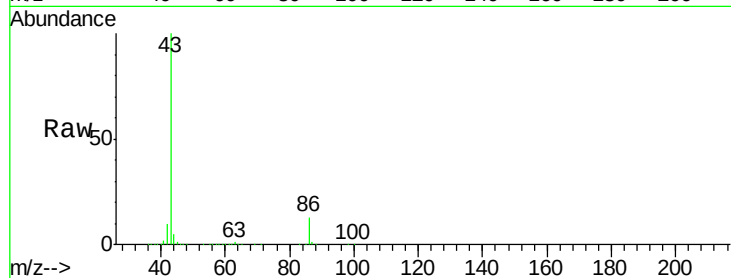
86 12.8 10.1 15.1

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Abundance Ion 43.00 (42.70 to 43.70): VN062077.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062077.D (-1172) (-)

5.84

600000

500000

400000

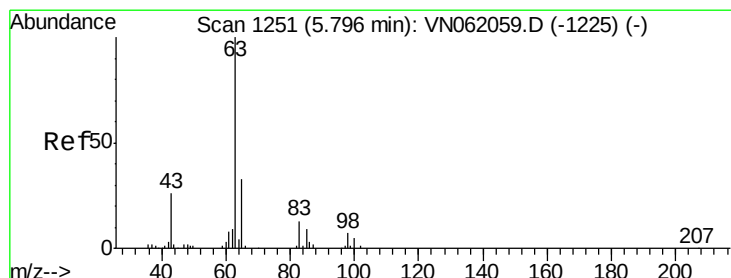
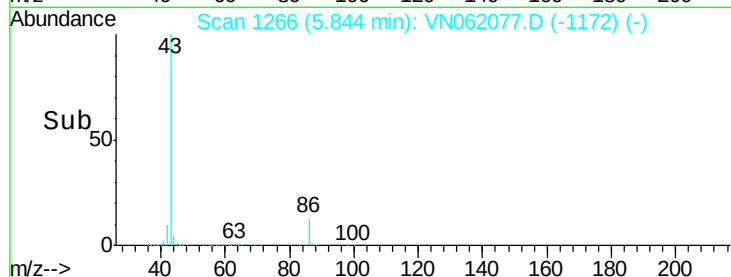
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.525 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

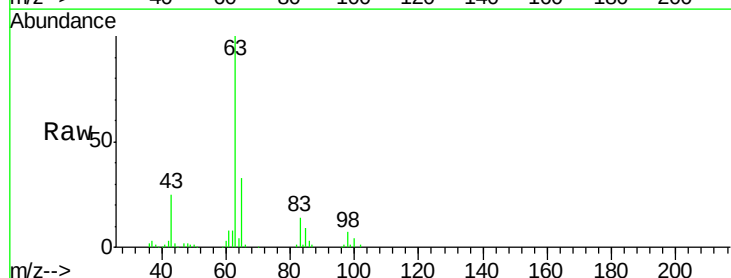
Tgt Ion: 63 Resp: 275095

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062077.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062077.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062077.D (-1158) (-)

5.80

100000

80000

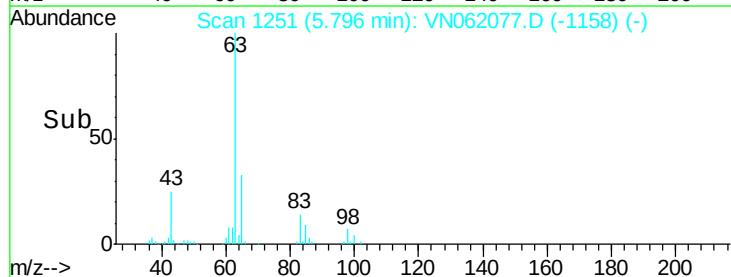
60000

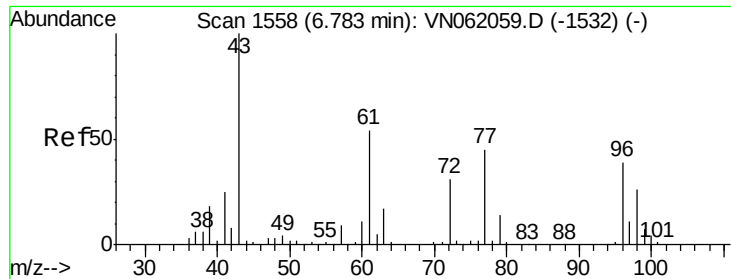
40000

20000

0

Time-->





#25

2-Butanone

Concen: 242.618 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 429297

Ion Ratio Lower Upper

43 100

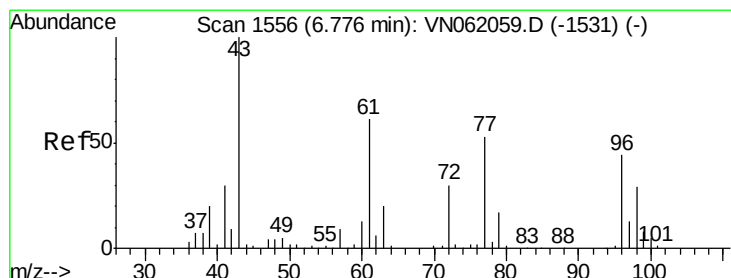
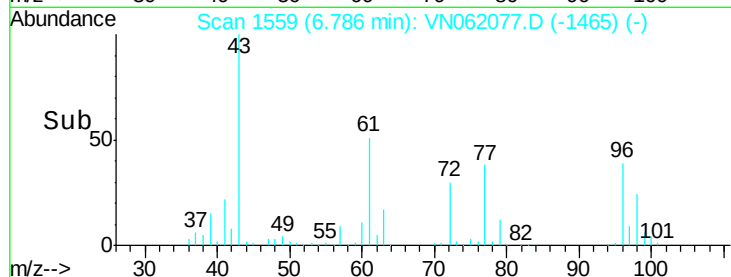
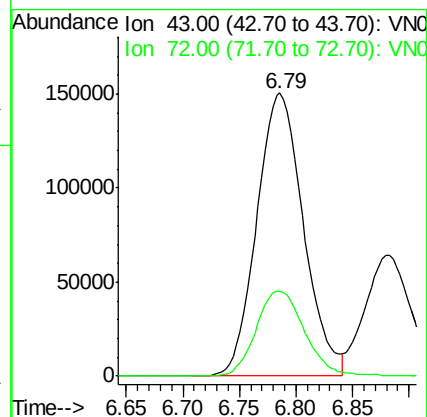
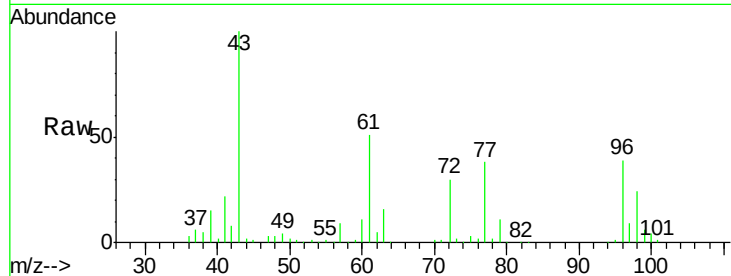
72 29.9 24.8 37.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.669 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062077.D

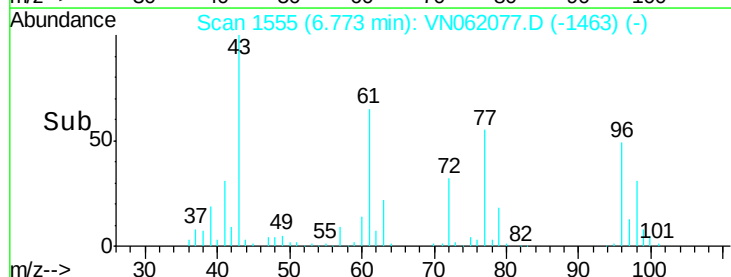
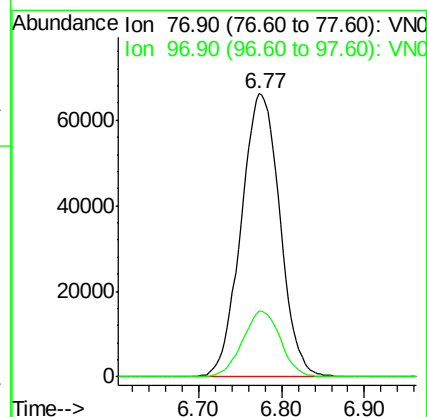
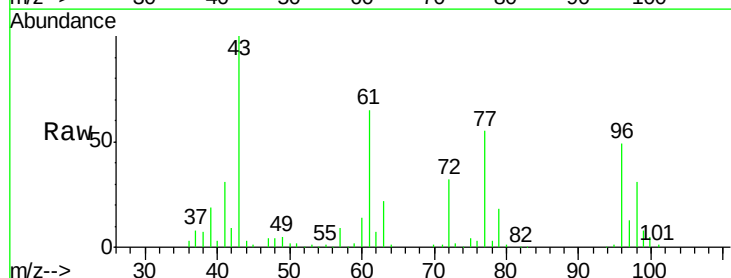
Acq: 24 Jun 2020 21:02

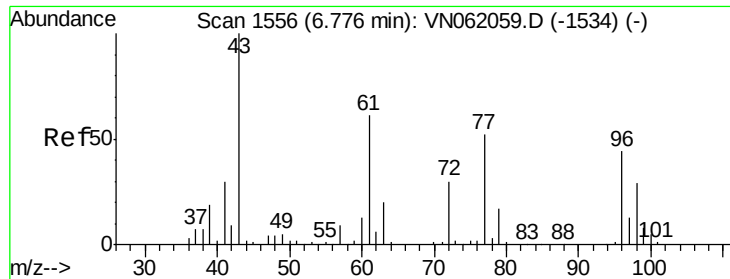
Tgt Ion: 77 Resp: 215165

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 47.393 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

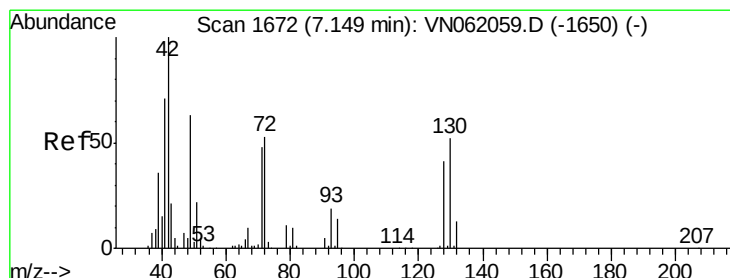
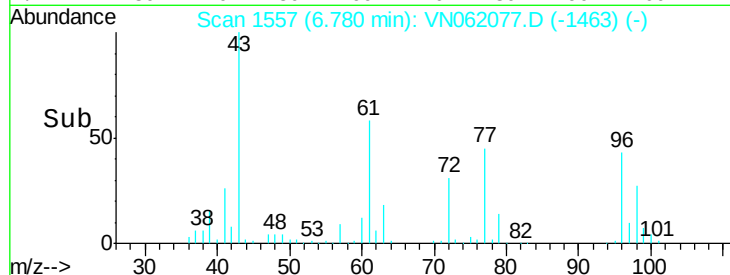
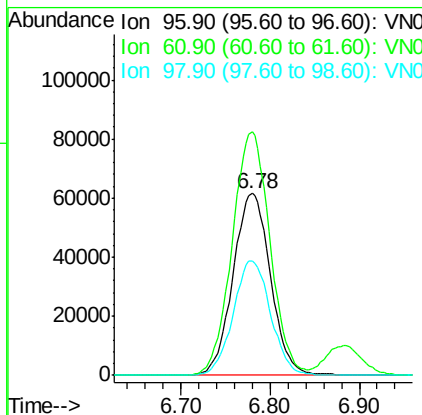
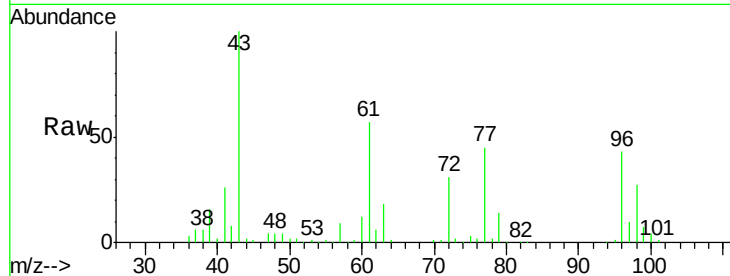
ClientSampled :

VSTDCCC050EC

Tot Ion:	96	Resp:	179952
Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	280.4
98	62.7	0.0	129.4

Manual Integrations
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#28

Bromochloromethane

Concen: 48.107 ug/l

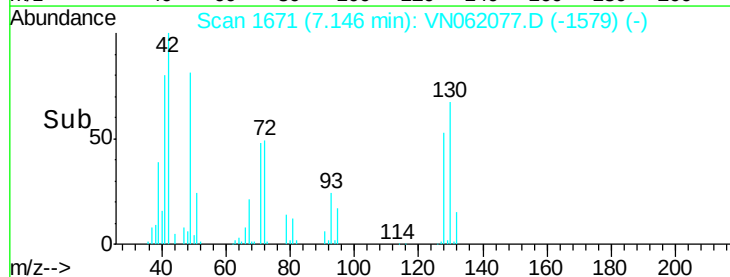
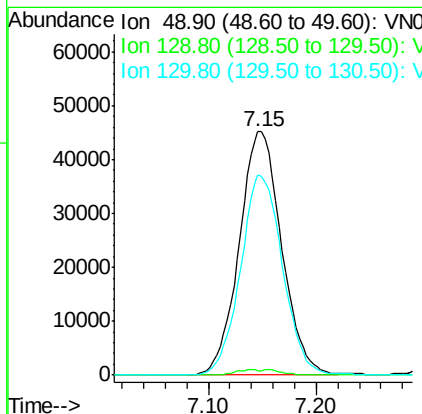
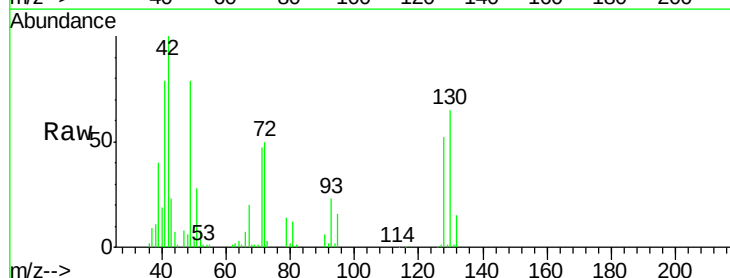
RT: 7.15 min Scan# 1671

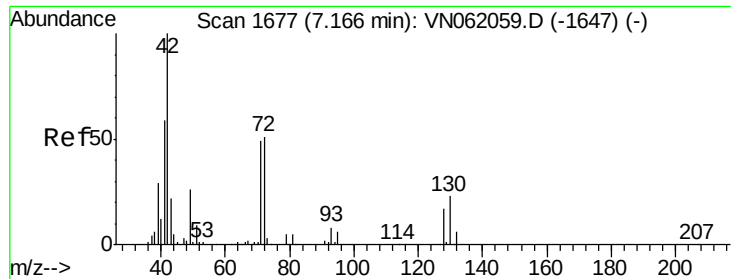
Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	49	Resp:	123415
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	81.5	65.5	98.3





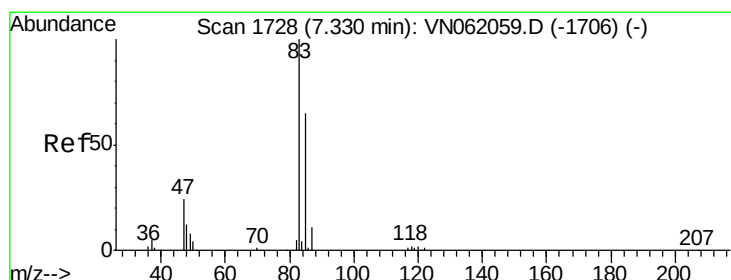
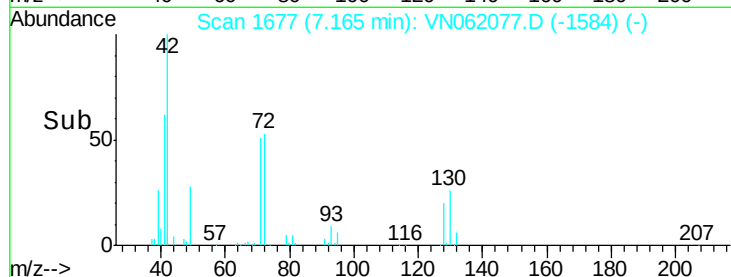
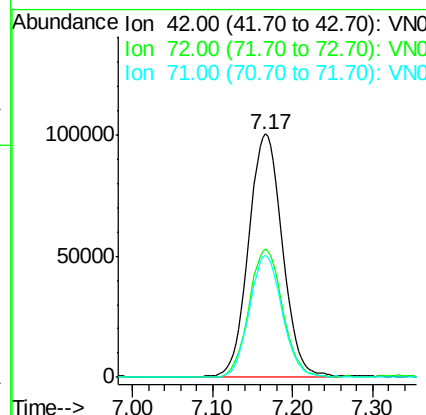
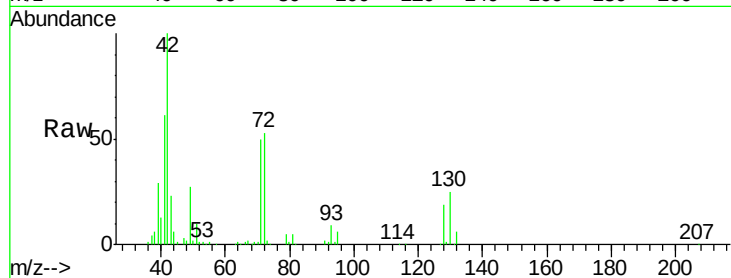
#29
Tetrahydrofuran
Concen: 250.346 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.1	41.1	61.7
71	48.2	38.2	57.4

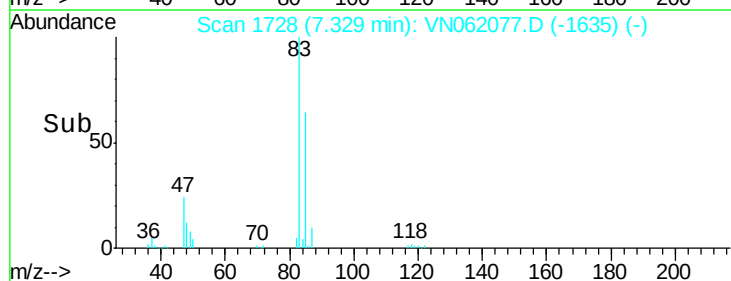
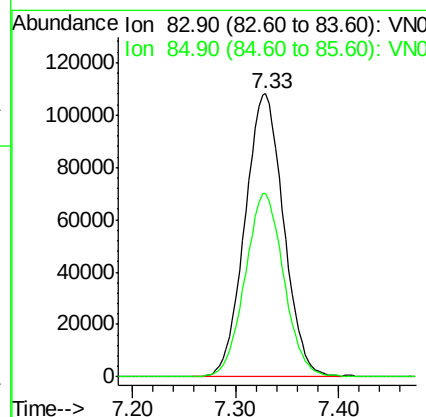
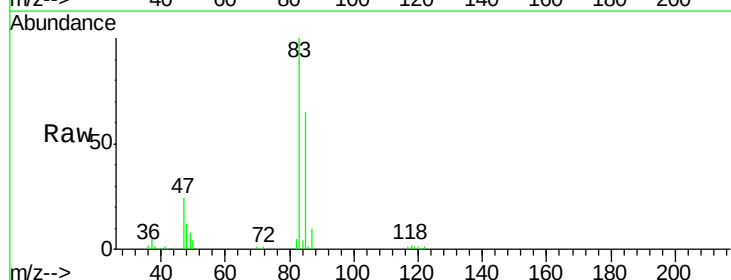
Manual Integrations
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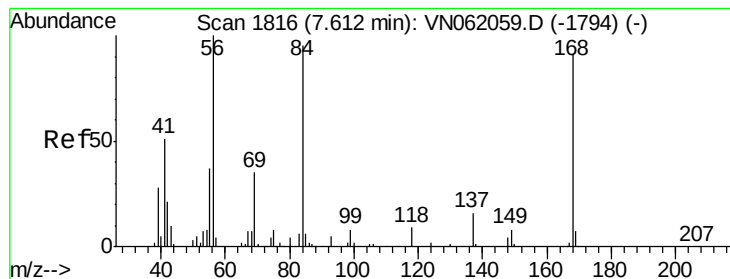
MMDadoda
6/25/2020 6:10:39 PM



#30
Chloroform
Concen: 46.888 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.3	78.5





#31

Cyclohexane

Concen: 46.864 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 234386

Ion Ratio Lower Upper

56 100

69 34.5 28.0 42.0

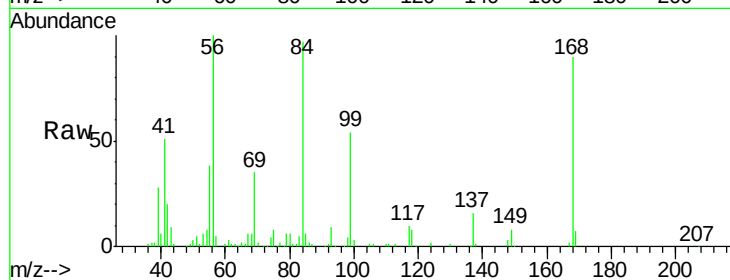
84 95.9 76.1 114.1

Manual Integrations

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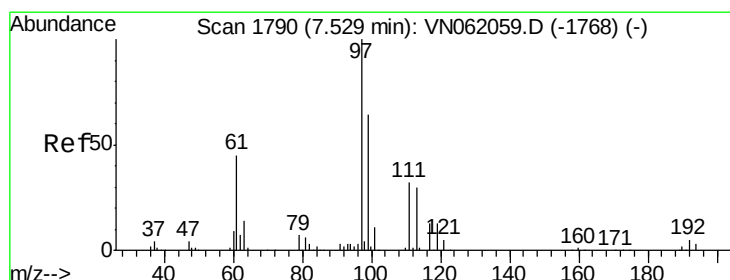
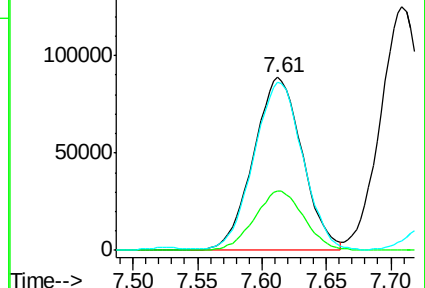
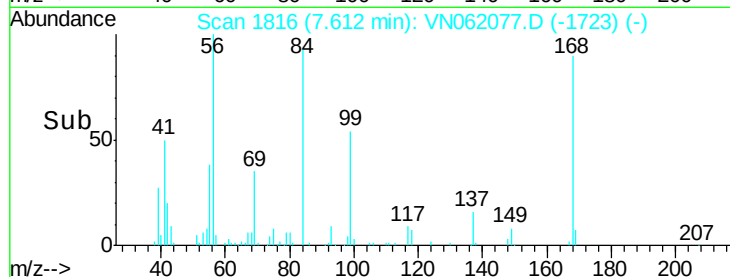
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Abundance Ion 56.00 (55.70 to 56.70): VN062077.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062077.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062077.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 47.826 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

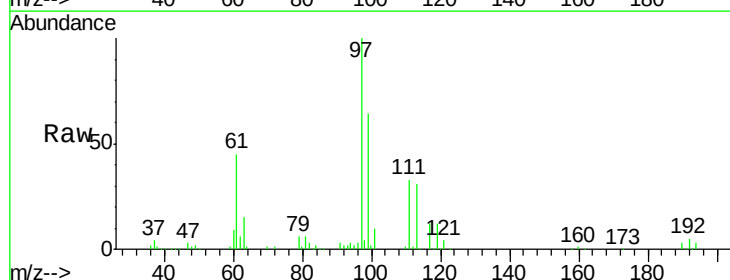
Tgt Ion: 97 Resp: 242637

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

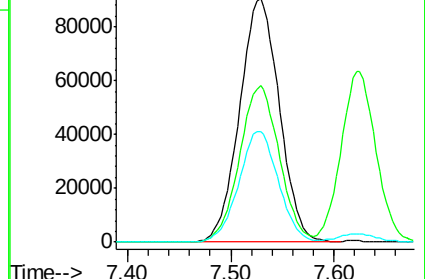
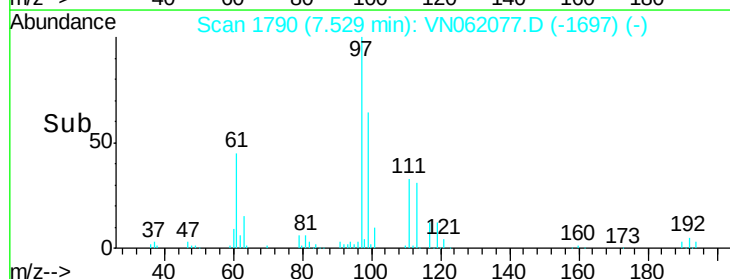
61 45.3 36.2 54.2

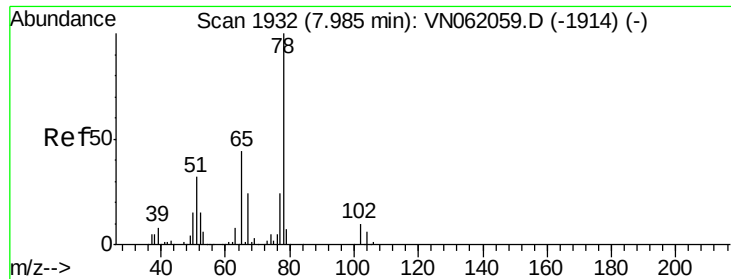


Abundance Ion 96.90 (96.60 to 97.60): VN062077.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062077.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062077.D (-1697) (-)





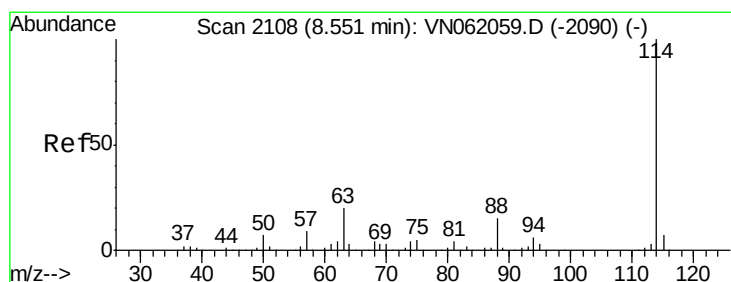
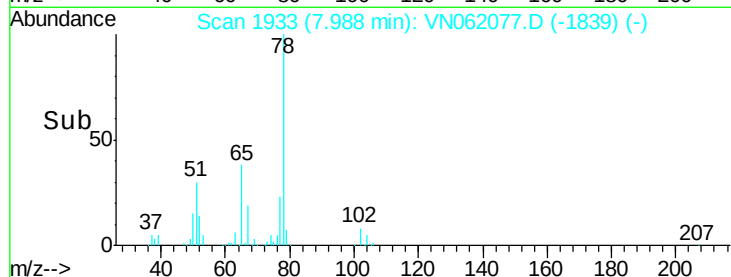
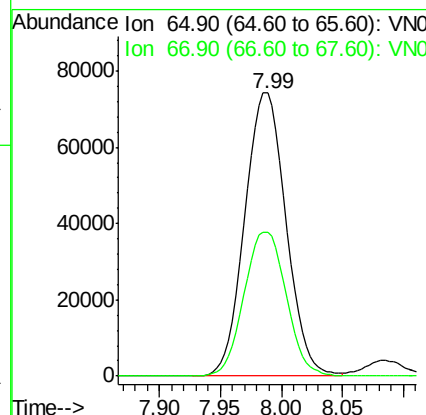
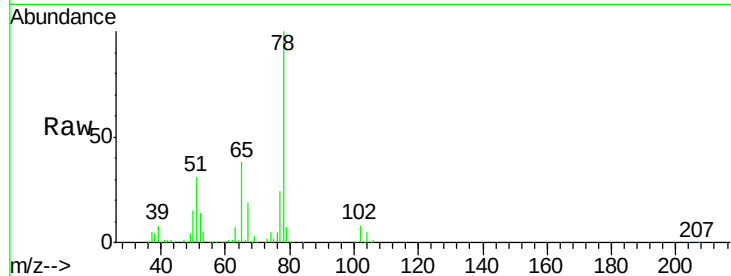
#33
 1,2-Dichloroethane-d4
 Concen: 48.068 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	65	Resp	174010
Ion Ratio	100	Lower	Upper
67	52.1	0.0	106.2

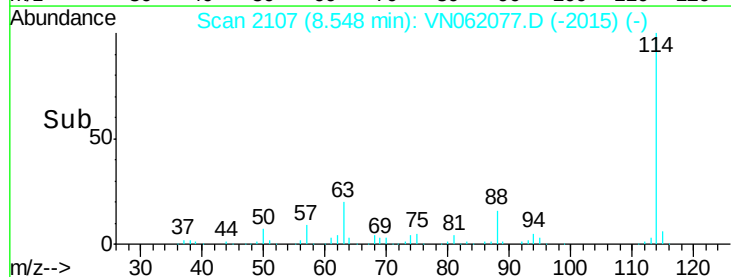
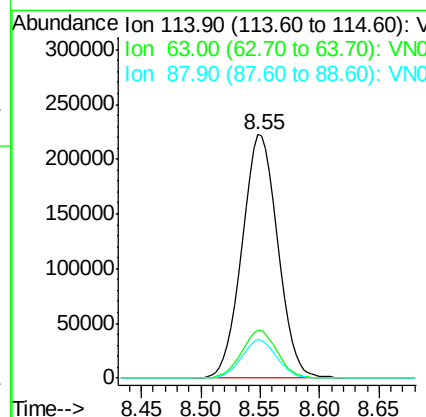
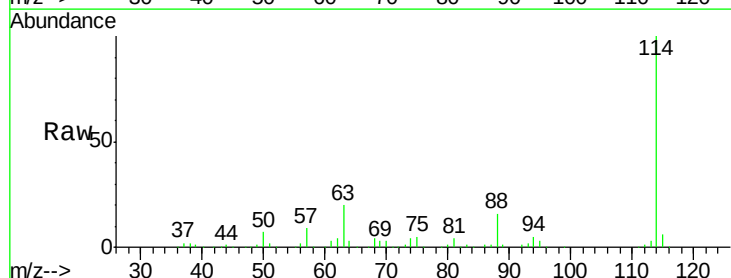
Manual Integrations
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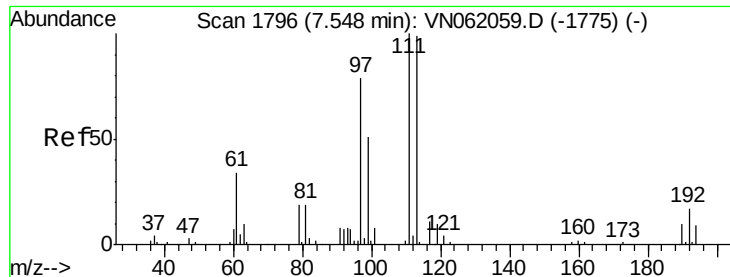
MMDadoda
 6/25/2020 6:10:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion	114	Resp	463443
Ion Ratio	100	Lower	Upper
63	19.7	0.0	39.2
88	15.8	0.0	30.8





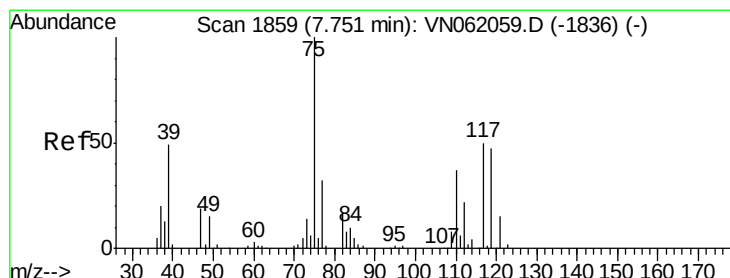
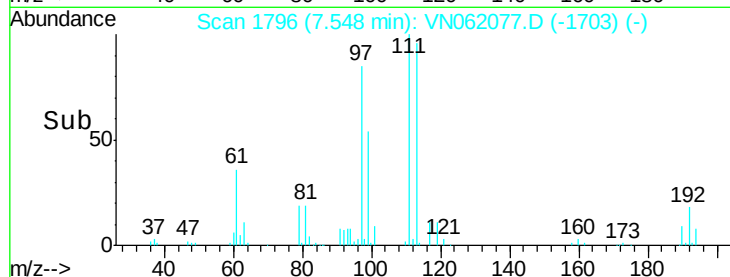
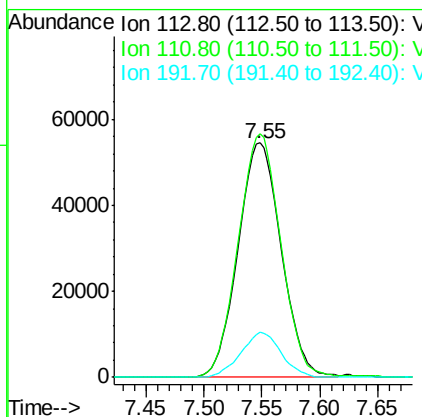
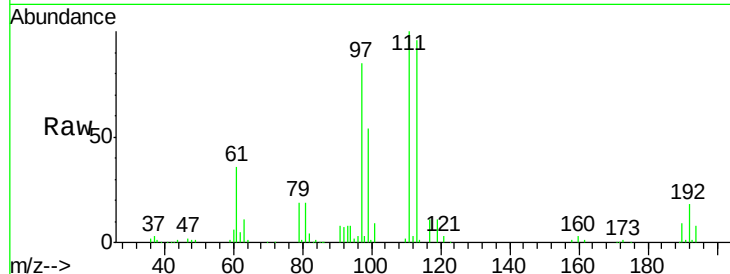
#35
 Dibromofluoromethane
 Concen: 47.482 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141175		
111	102.5	82.2	123.4	
192	18.0	14.0	21.0	

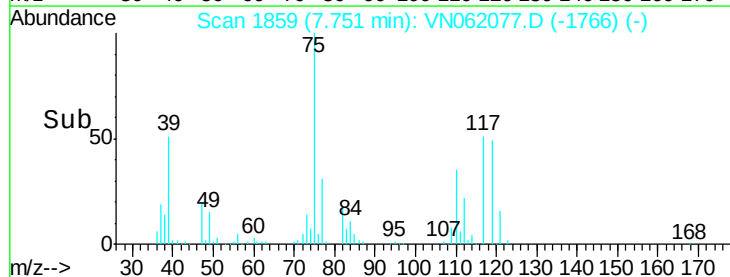
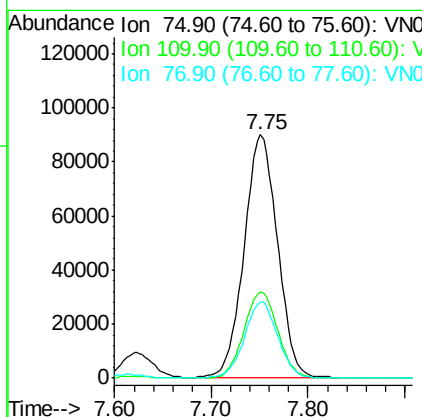
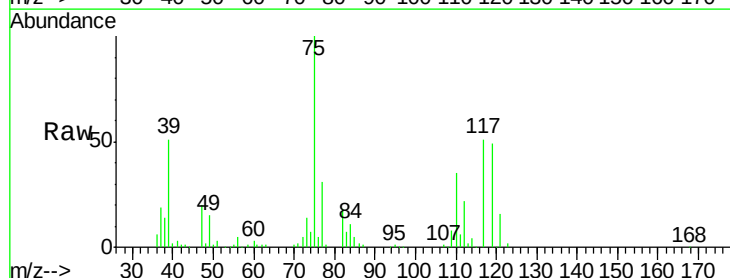
Manual Integrations
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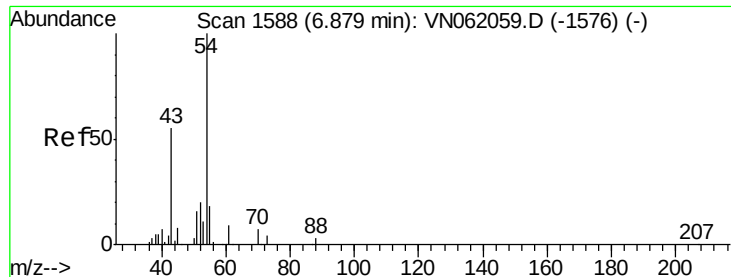
MMDadoda
 6/25/2020 6:10:39 PM



#36
 1,1-Dichloropropene
 Concen: 46.188 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215158		
110	36.0	17.9	53.8	
77	31.5	24.9	37.3	





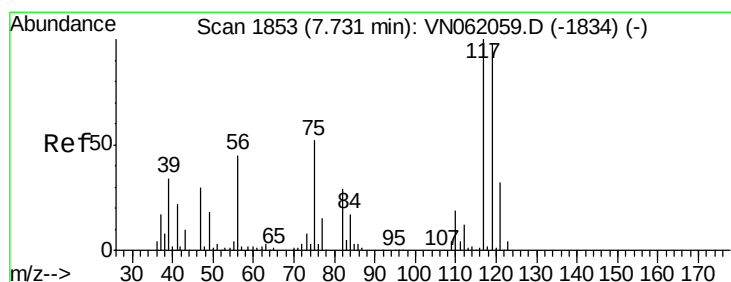
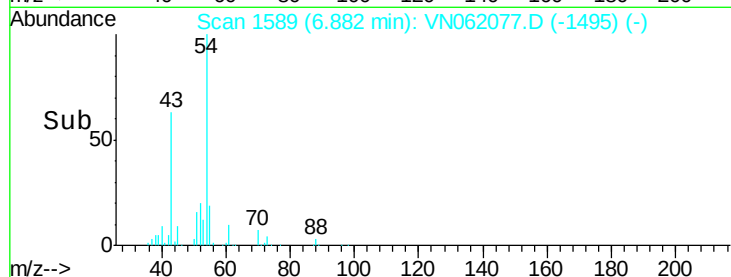
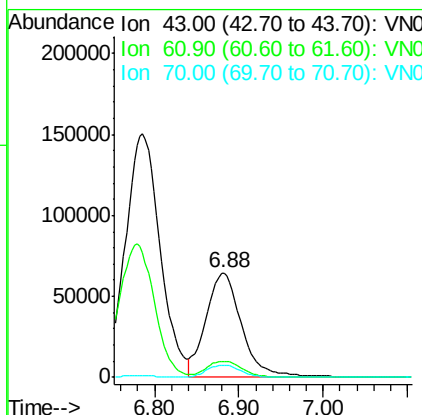
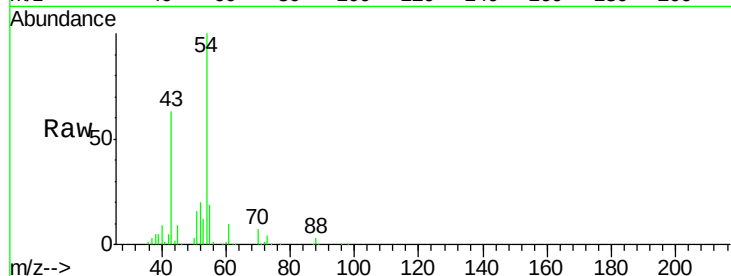
#37
Ethyl Acetate
Concen: 48.344 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.0	18.0
70	11.5	9.6	14.4

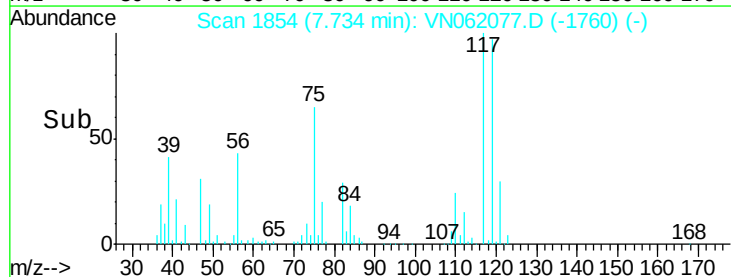
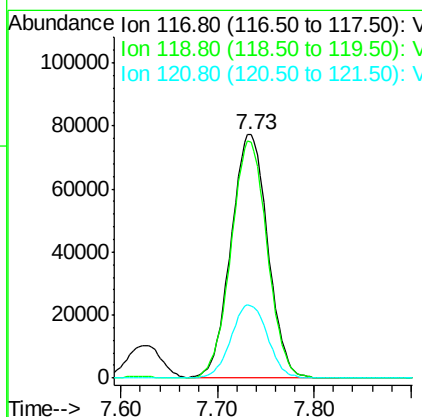
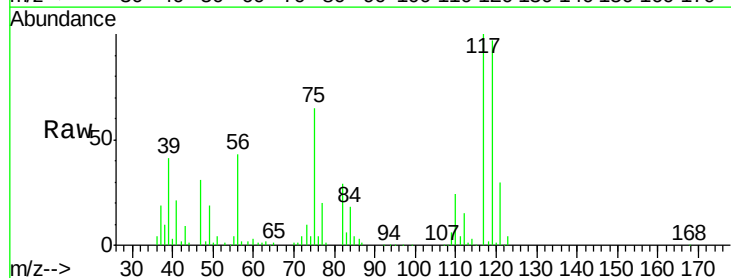
Manual Integrations
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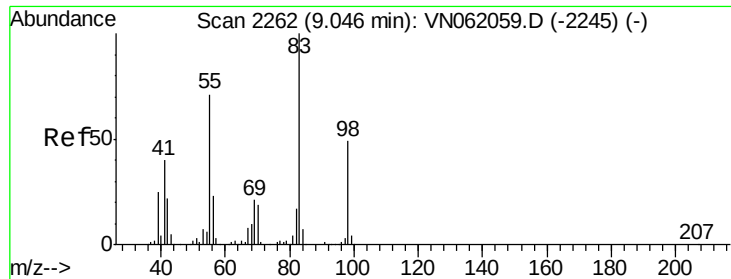
MMDadoda
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#38
Carbon Tetrachloride
Concen: 46.585 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.2	117.2
121	29.8	25.8	38.6





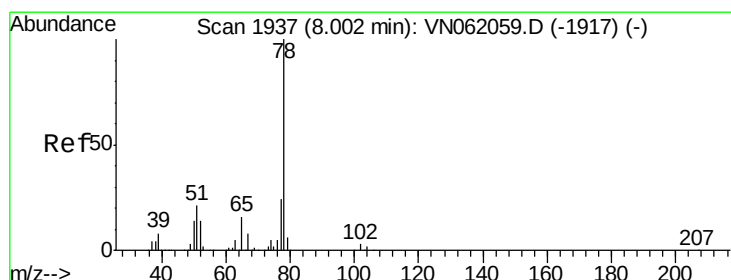
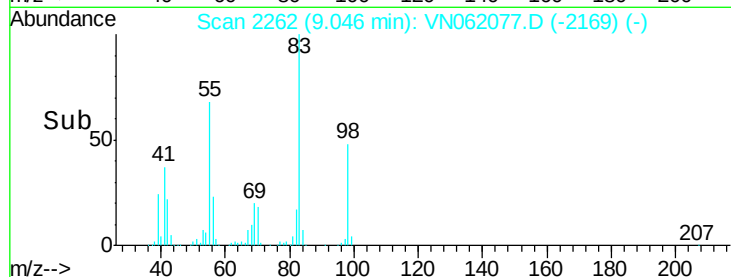
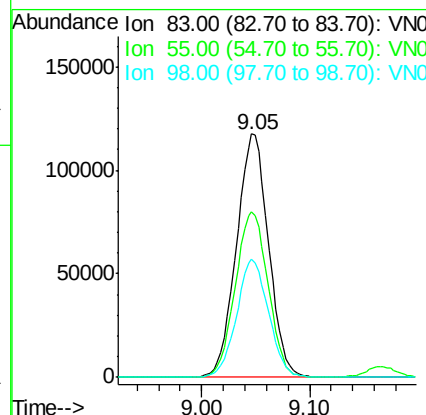
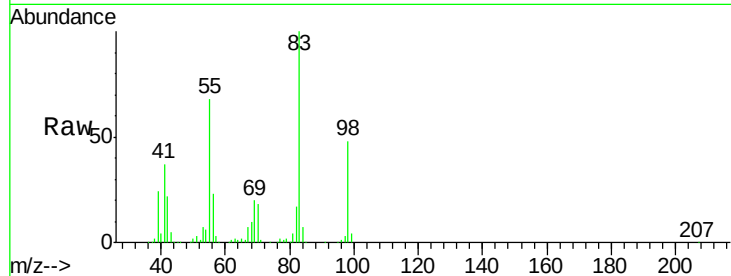
#39
Methylvlcyclohexane
Concen: 47.816 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.2	57.0	85.6
98	48.4	39.0	58.6

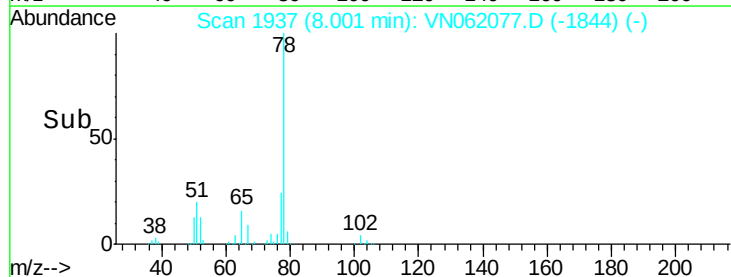
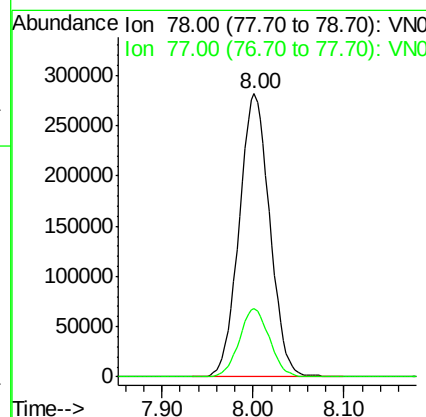
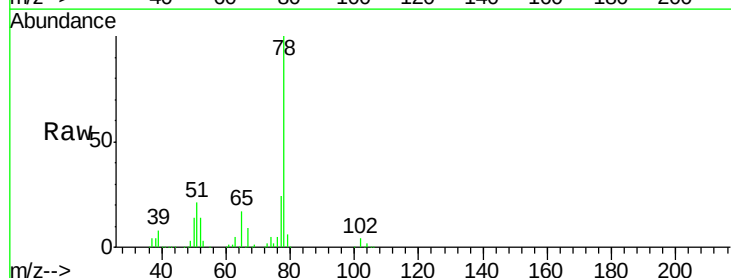
Manual Integrations
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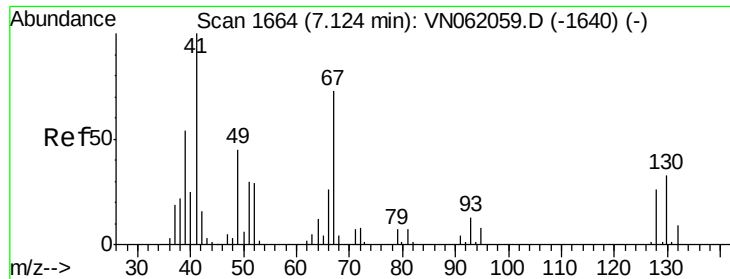
MMDadoda
6/25/2020 6:10:39 PM



#40
Benzene
Concen: 46.423 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3





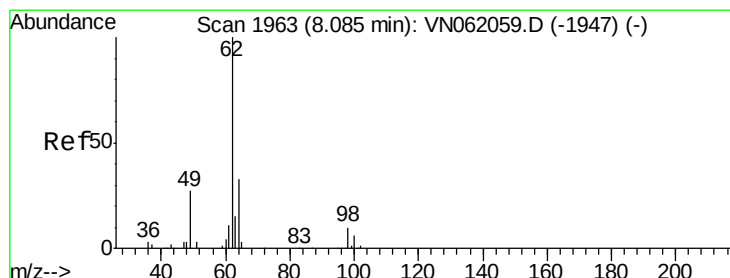
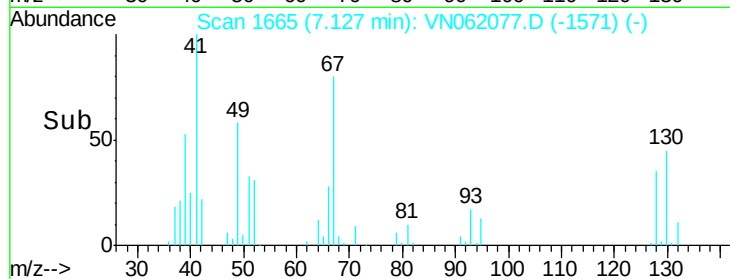
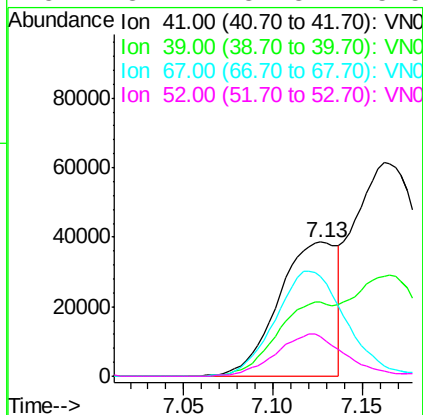
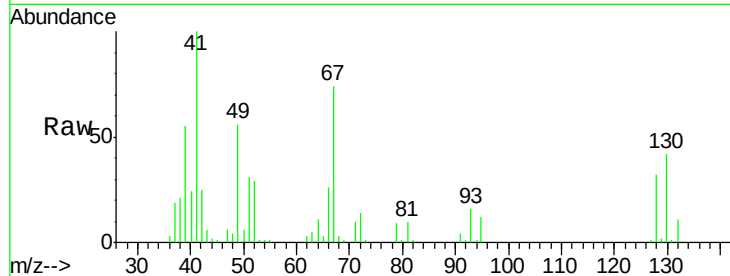
#41
Methacrylonitrile
Concen: 49.430 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	88394
Ion	Ratio	Lower	Upper
41	100		
39	51.6	44.2	66.2
67	95.3	79.5	119.3
52	37.7	32.3	48.5

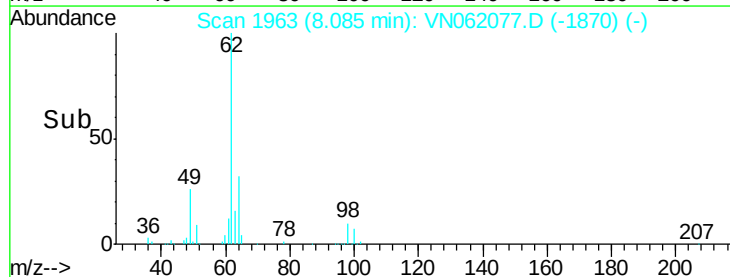
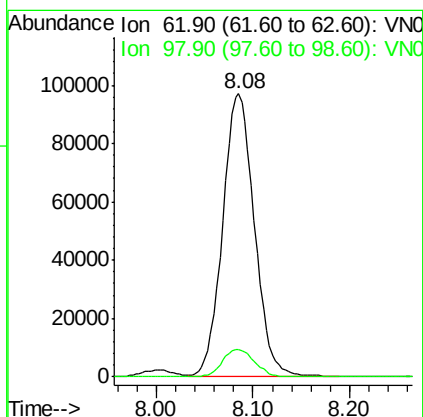
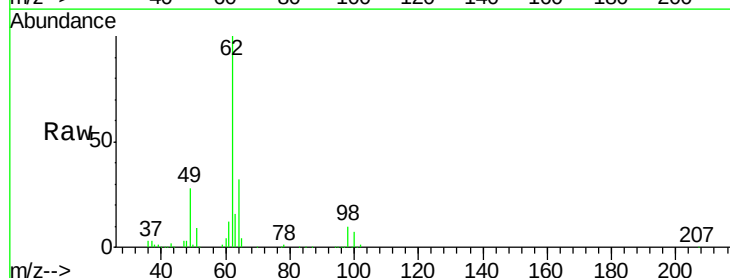
Manual Integrations
APPROVED

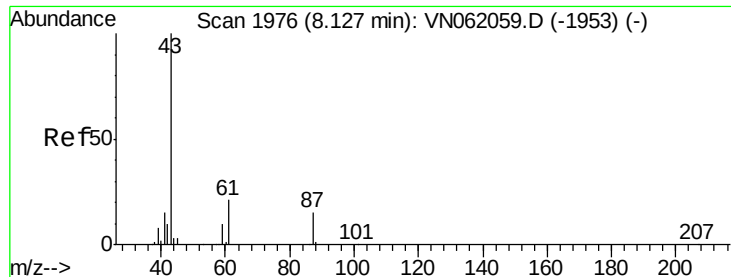
MMDadoda
6/25/2020 6:10:39 PM



#42
1,2-Dichloroethane
Concen: 45.939 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion:	62	Resp:	220375
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





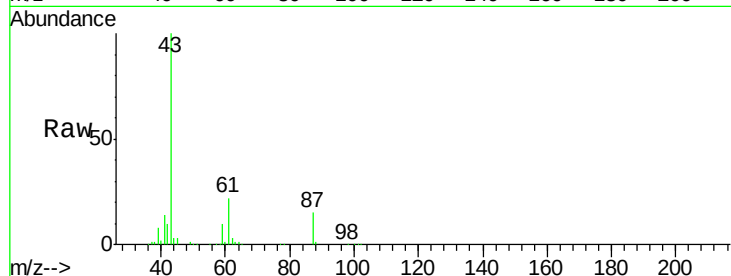
#43
Isopropyl Acetate
Concen: 49.083 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

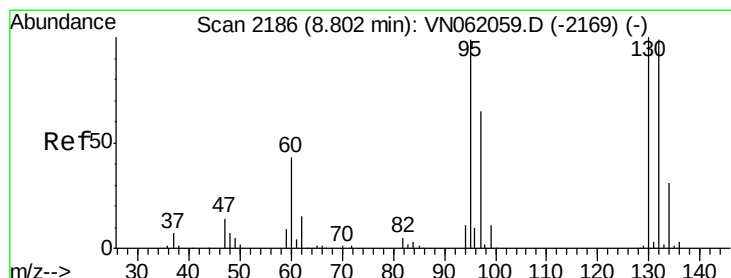
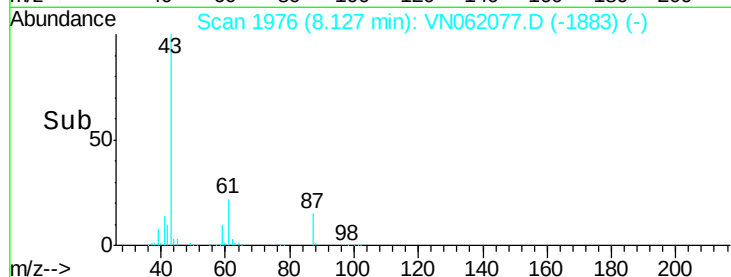
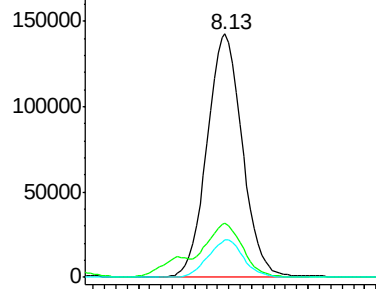
Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	17.2	25.8
87	15.5	12.1	18.1

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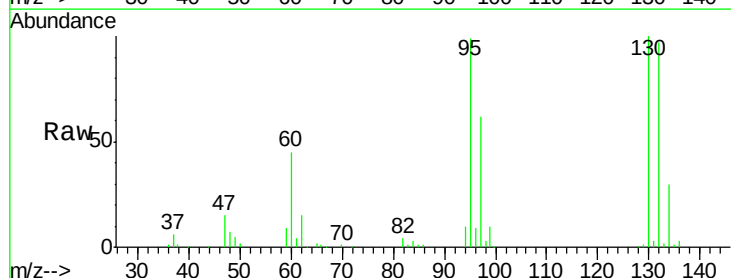


Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

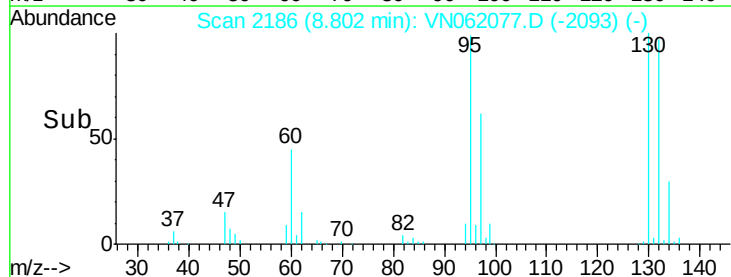
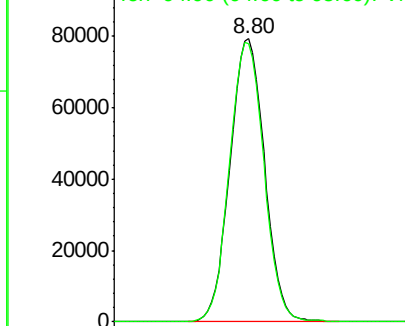


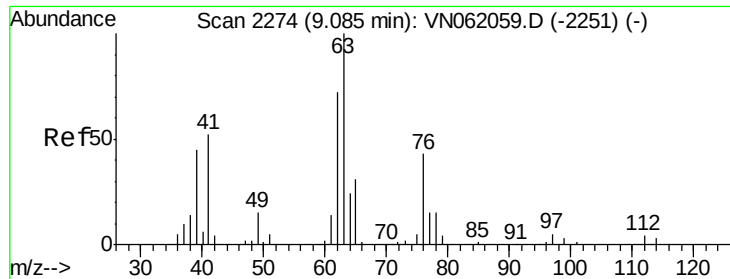
#44
Trichloroethene
Concen: 45.723 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)





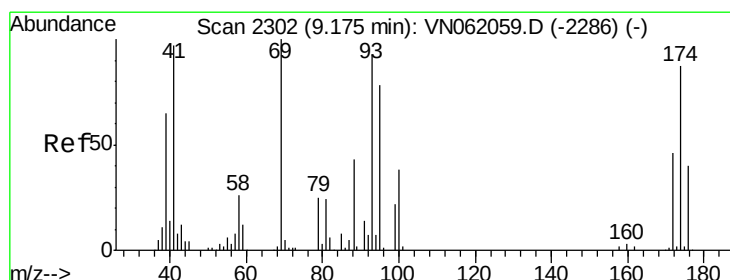
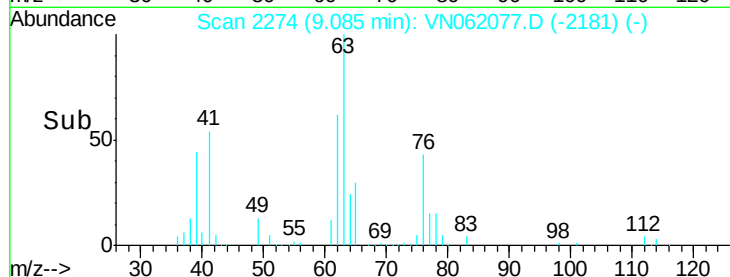
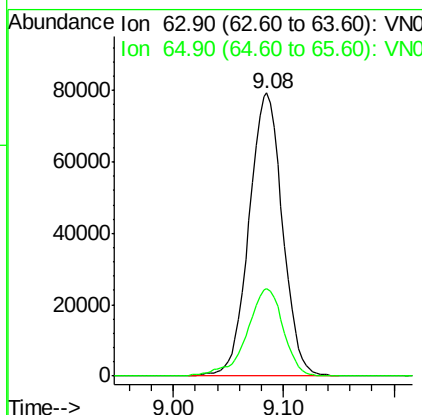
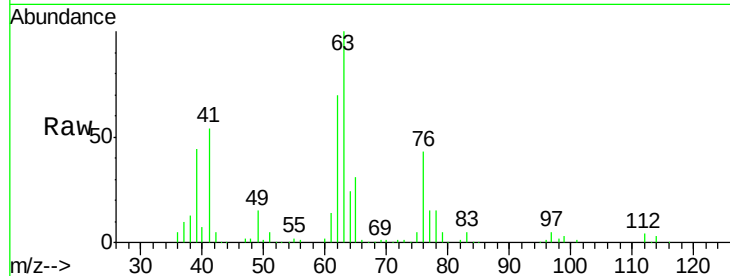
#45
 1,2-Dichloropropane
 Concen: 47.552 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 166566
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.4

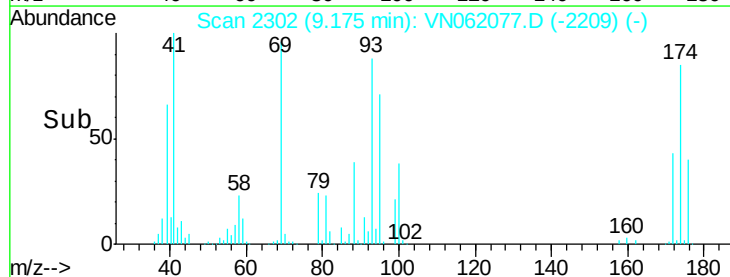
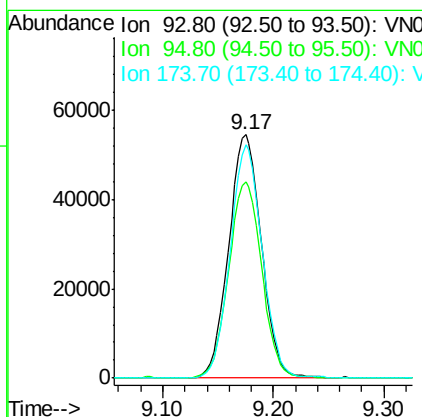
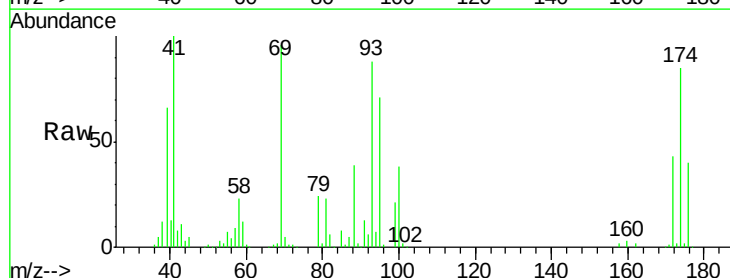
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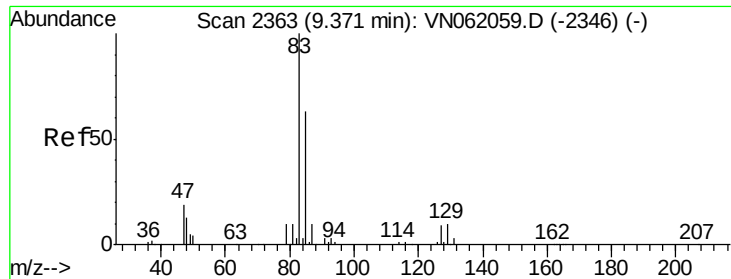
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#46
 Dibromomethane
 Concen: 47.268 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion: 93 Resp: 112258
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.0 100.6
 174 94.1 74.4 111.6





#47

Bromodichloromethane

Concen: 47.428 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

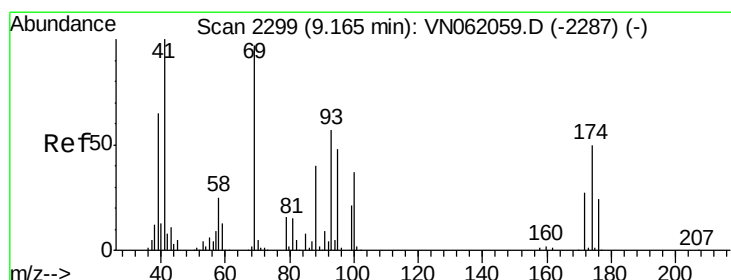
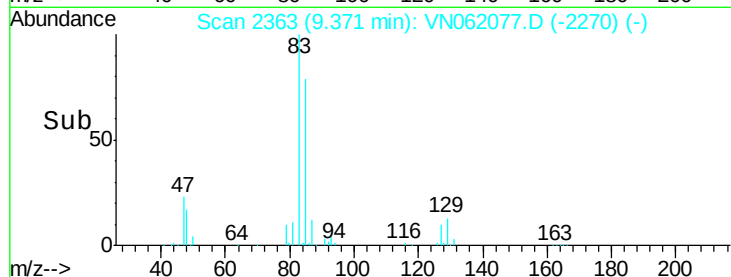
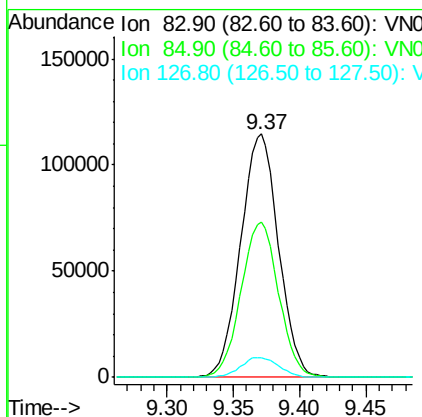
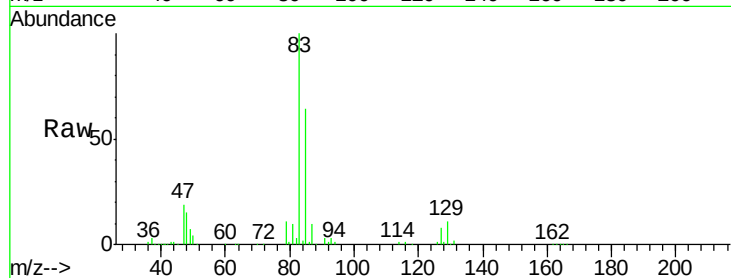
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	227430
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5
127	7.8	6.9	10.3

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#48

Methyl methacrylate

Concen: 51.322 ug/l

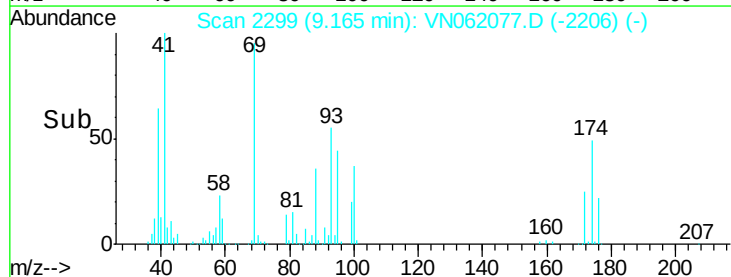
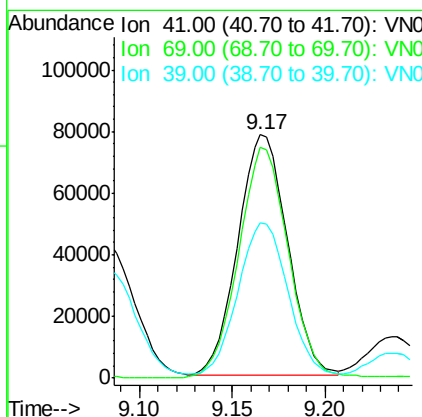
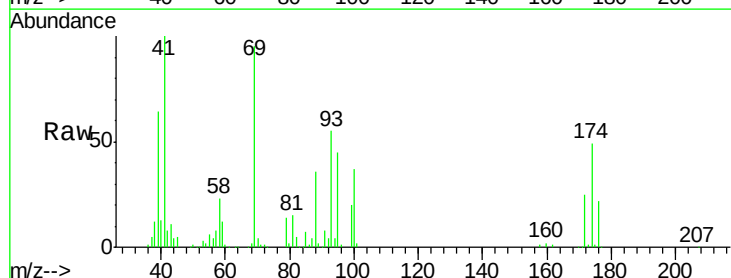
RT: 9.17 min Scan# 2299

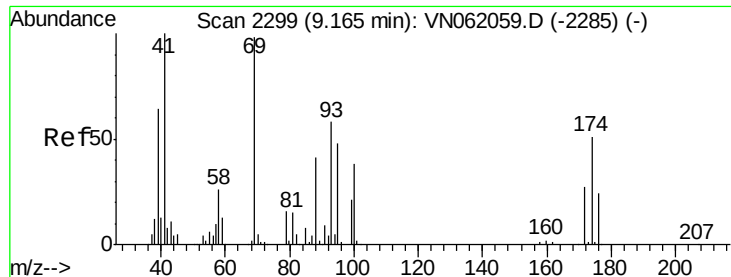
Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	41	Resp:	144696
Ion	Ratio	Lower	Upper
41	100		
69	96.7	80.7	121.1
39	66.1	54.5	81.7





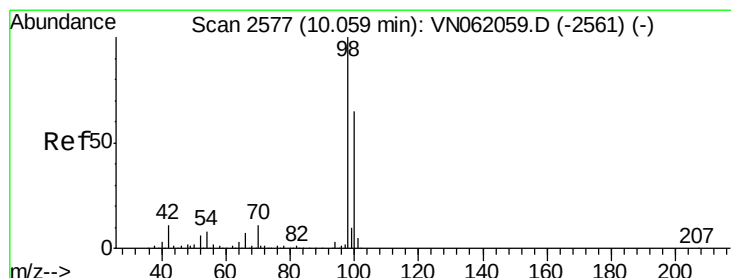
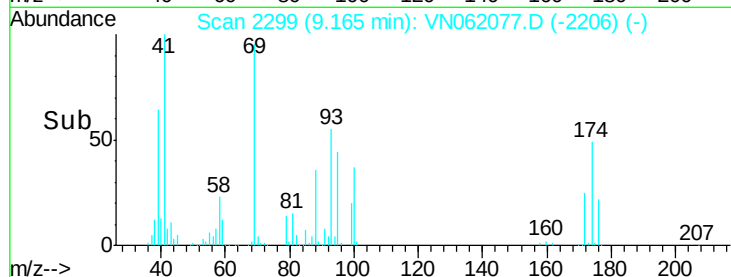
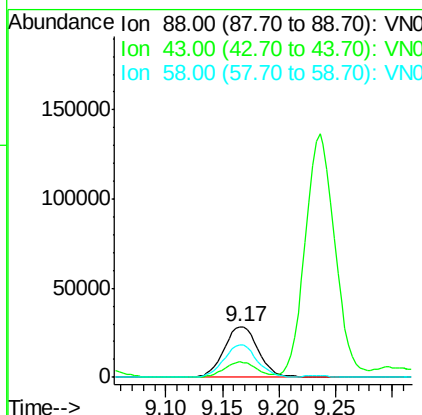
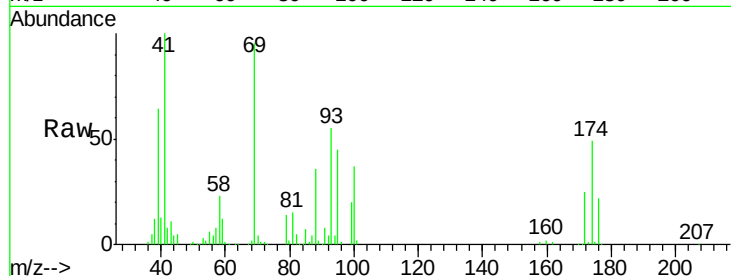
#49
1,4-Dioxane
Concen: 967.413 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	60486
Ion	Ratio	Lower	Upper
88	100		
43	29.2	22.0	33.0
58	62.2	49.2	73.8

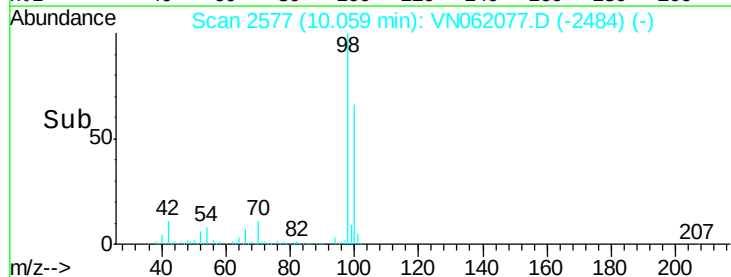
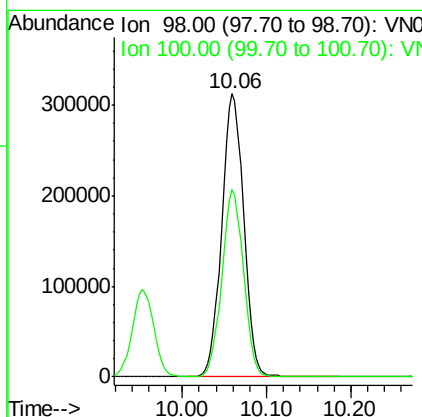
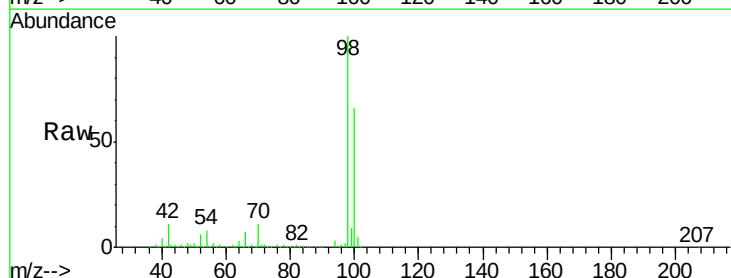
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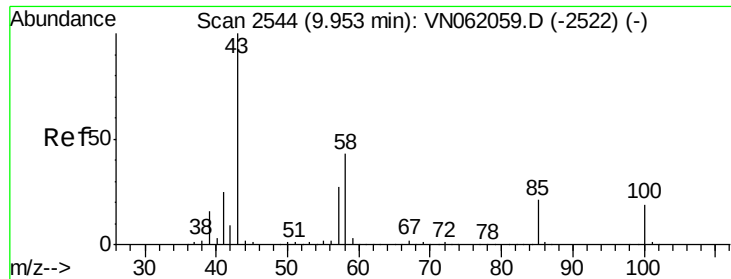
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#50
Toluene-d8
Concen: 47.633 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	98	Resp	566109
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.2	76.8





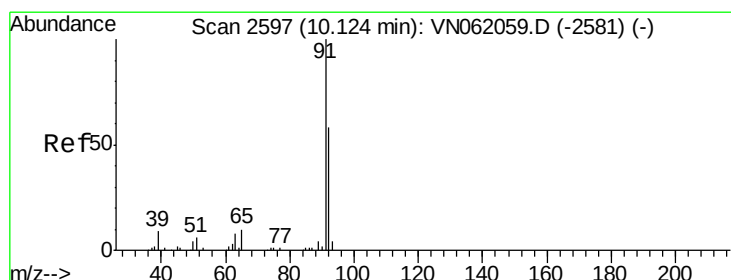
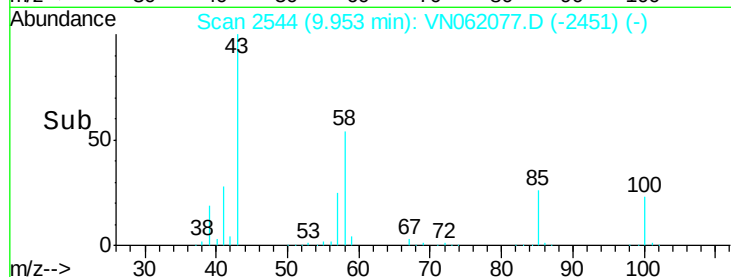
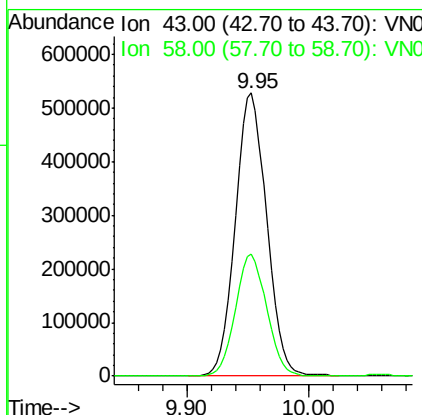
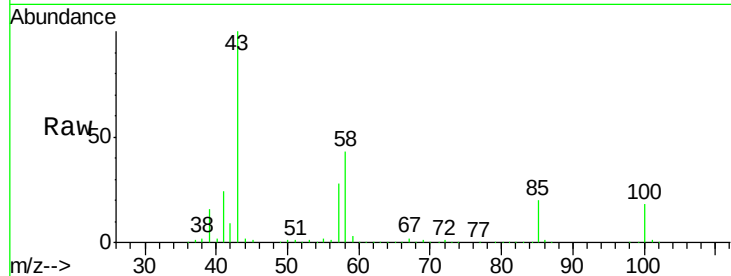
#51
4-Methyl-2-Pentanone
Concen: 255.056 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 937035
Ion Ratio Lower Upper
43 100
58 43.0 34.2 51.2

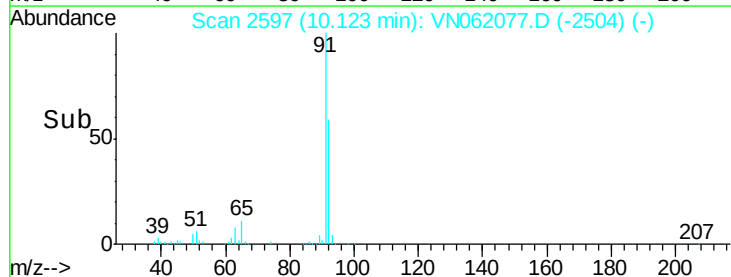
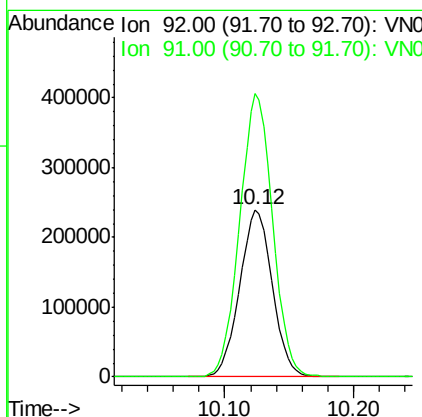
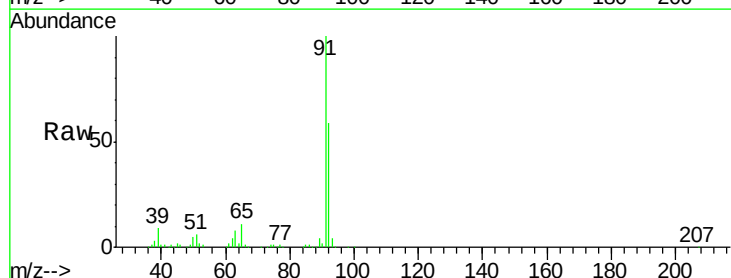
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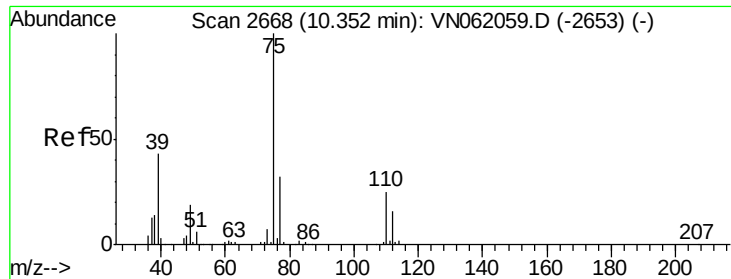
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#52
Toluene
Concen: 48.818 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion: 92 Resp: 422917
Ion Ratio Lower Upper
92 100
91 171.1 137.4 206.0





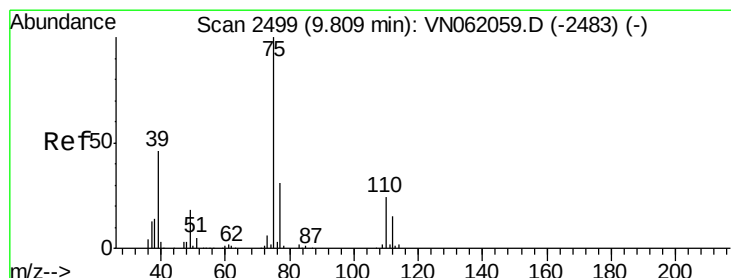
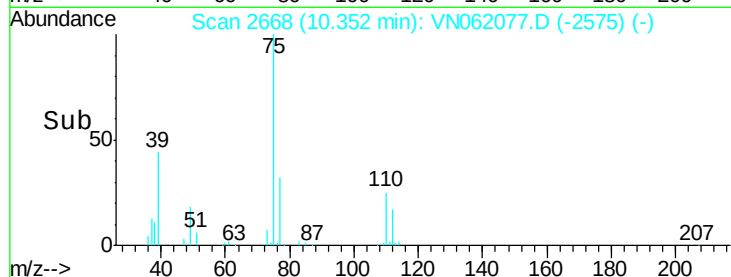
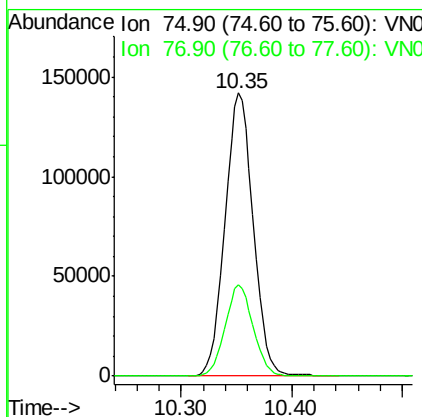
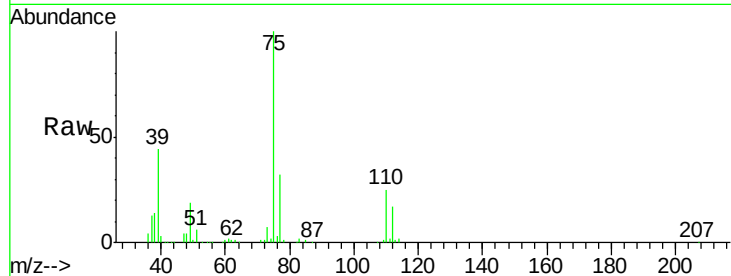
#53
t-1,3-Dichloropropene
Concen: 47.595 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 251093
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3

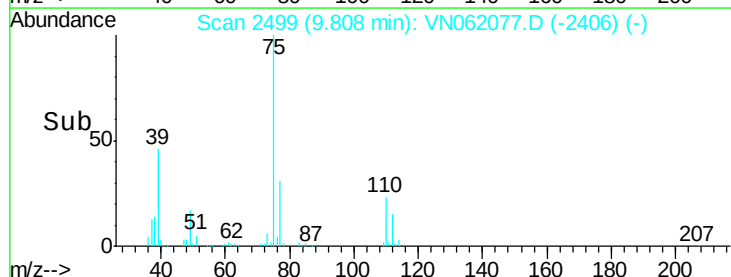
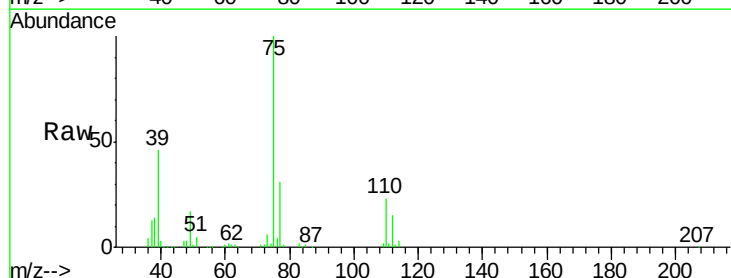
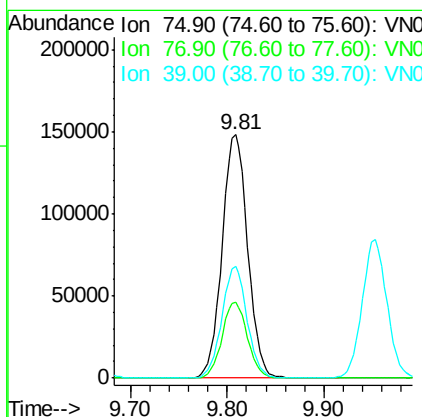
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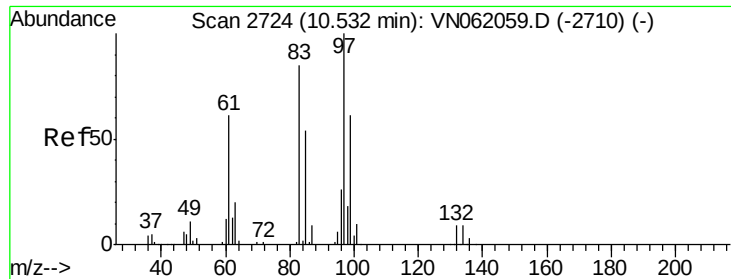
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#54
cis-1,3-Dichloropropene
Concen: 48.459 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion: 75 Resp: 272180
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 46.2 36.9 55.3





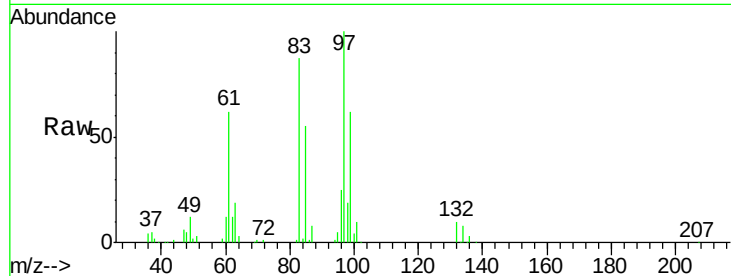
#55
 1,1,2-Trichloroethane
 Concen: 47.984 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

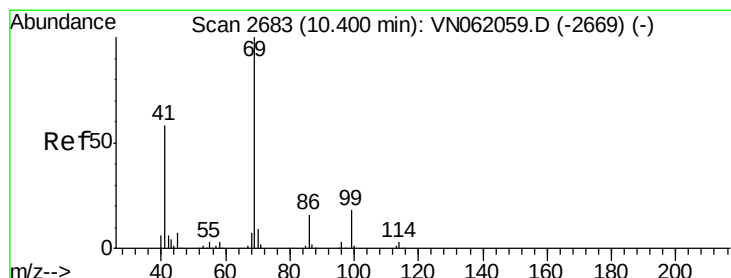
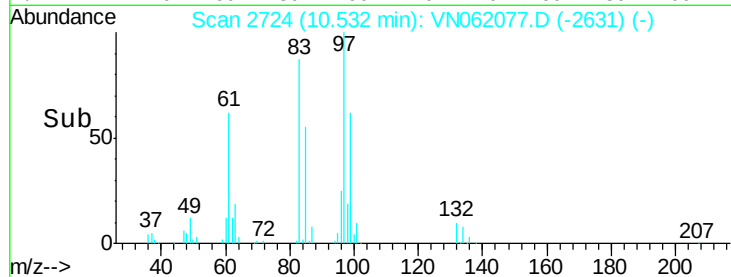
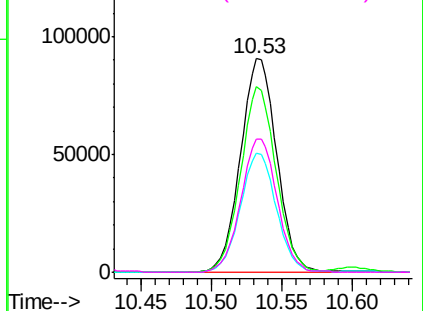
Tot Ion:	97	Resp:	163403
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.2	102.2
85	55.5	43.2	64.8
99	62.3	48.5	72.7

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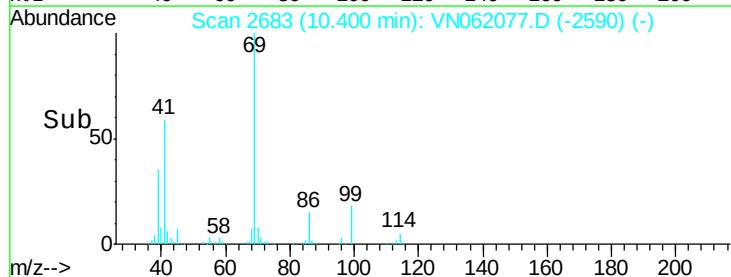
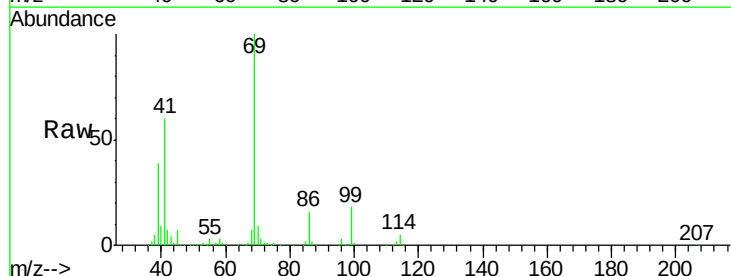
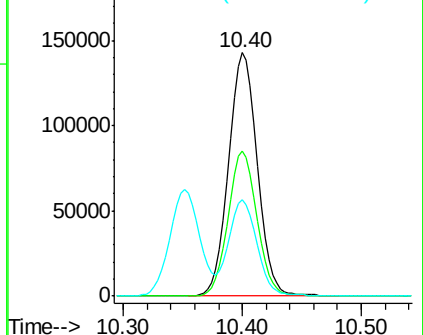
Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

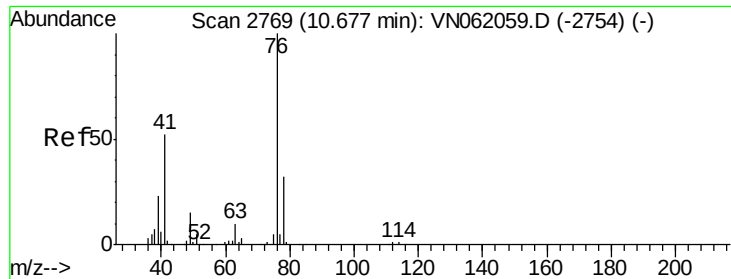


#56
 Ethyl methacrylate
 Concen: 52.768 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion:	69	Resp:	239810
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.6	70.0
39	38.7	31.0	46.4

Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





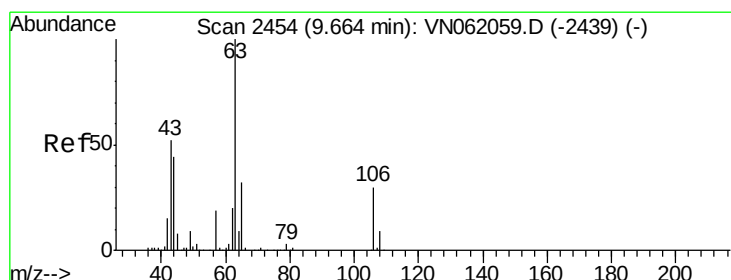
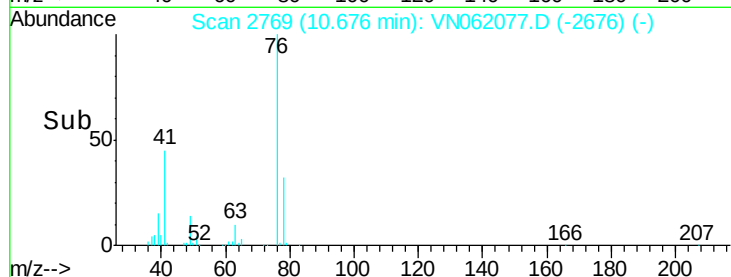
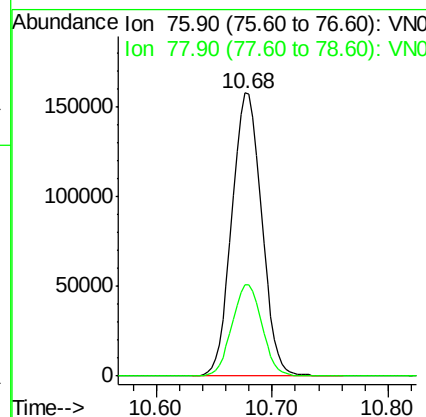
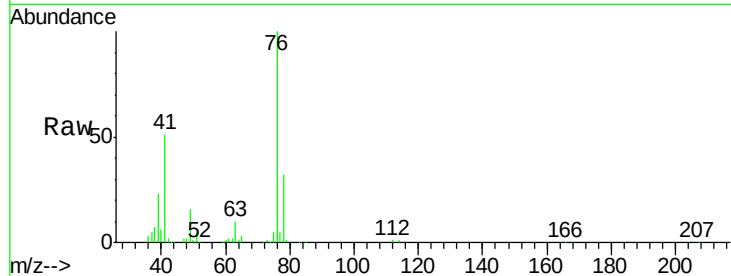
#57
 1,3-Dichloropropane
 Concen: 47.902 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

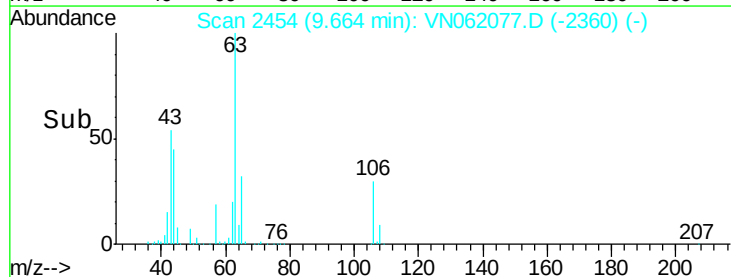
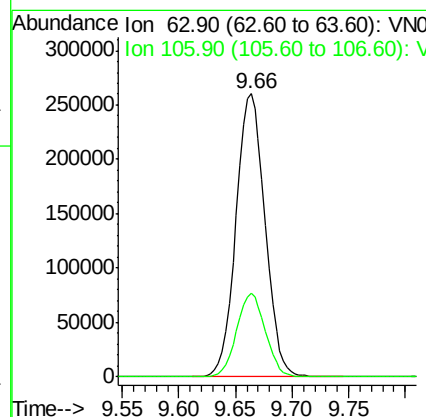
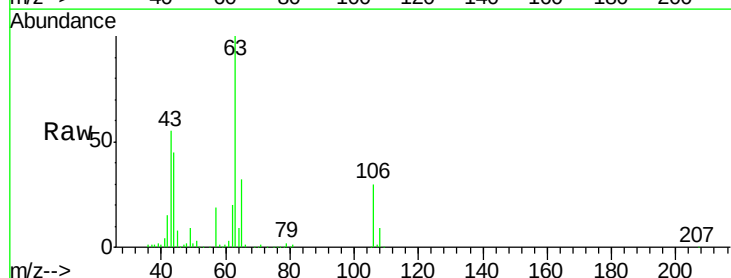
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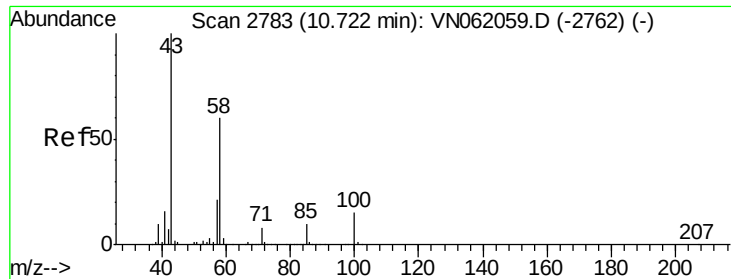
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#58
 2-Chloroethyl Vinyl ether
 Concen: 241.020 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.2	34.8





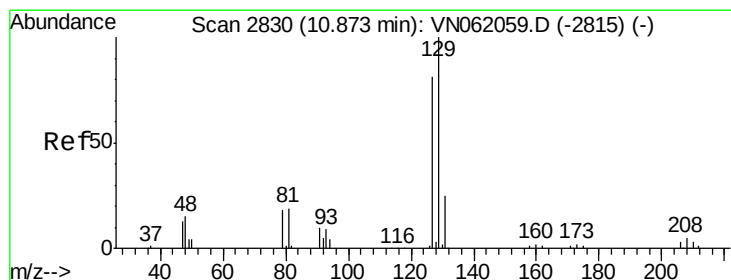
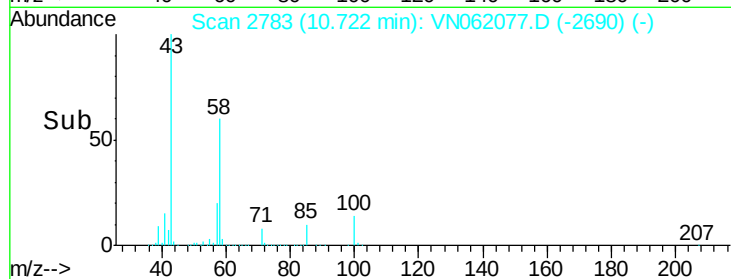
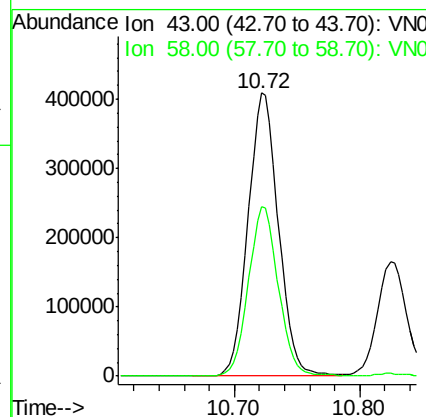
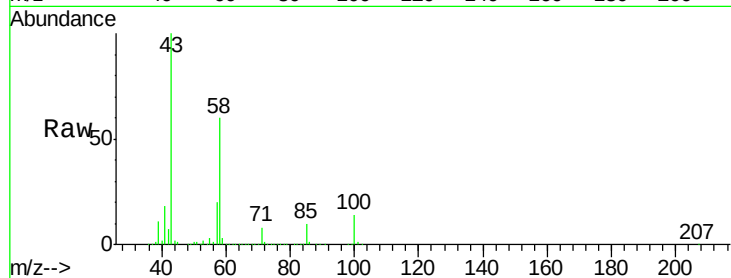
#59
2-Hexanone
Concen: 259.690 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	688926
Ion Ratio	100	Lower	Upper
43	100		
58	59.2	29.5	88.5

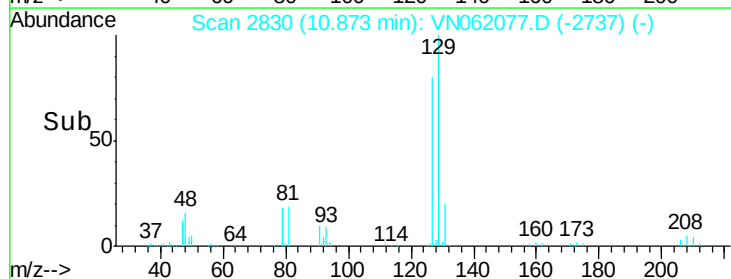
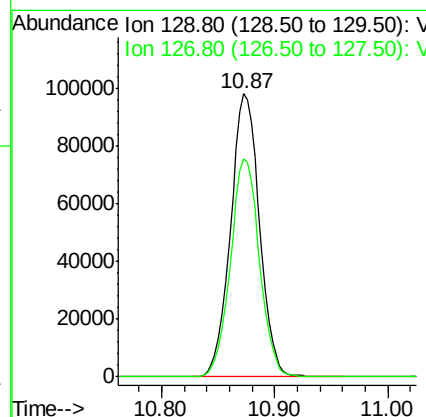
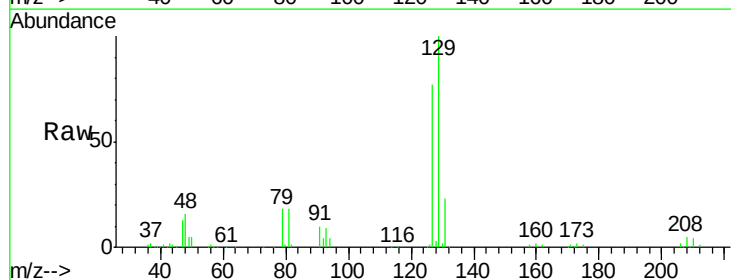
Manual Integrations
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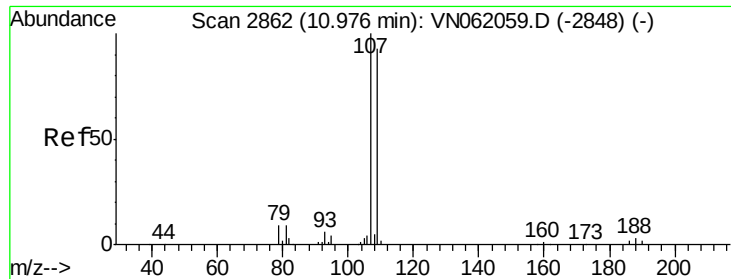
MMDadoda
6/25/2020 6:10:39 PM



#60
Dibromochloromethane
Concen: 48.445 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	129	Resp	174660	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.2	39.5	118.5	





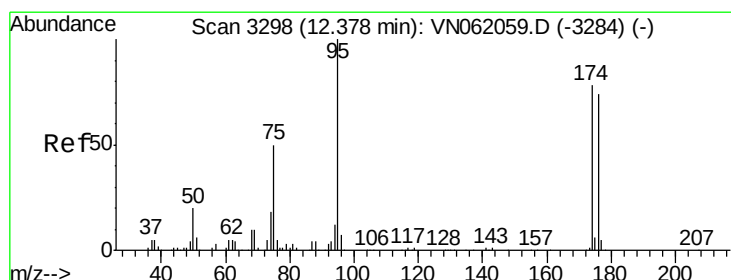
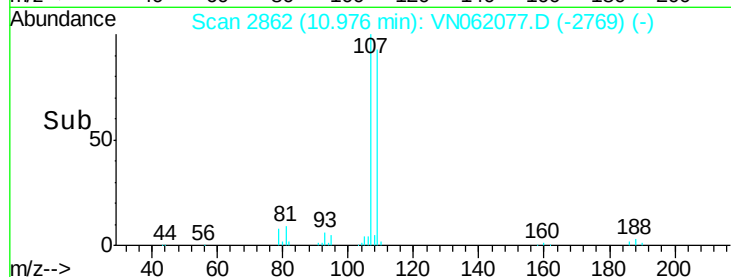
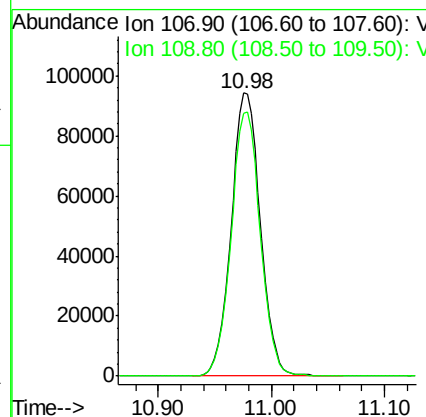
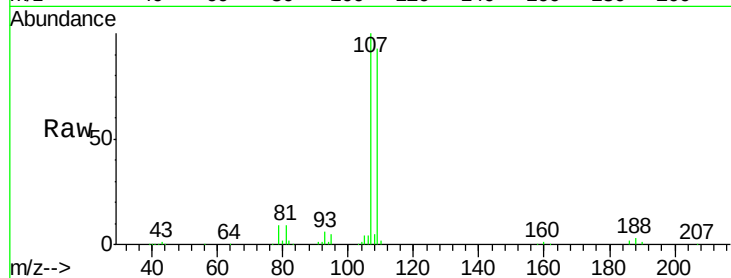
#61
 1,2-Dibromoethane
 Concen: 48.220 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.0	112.6

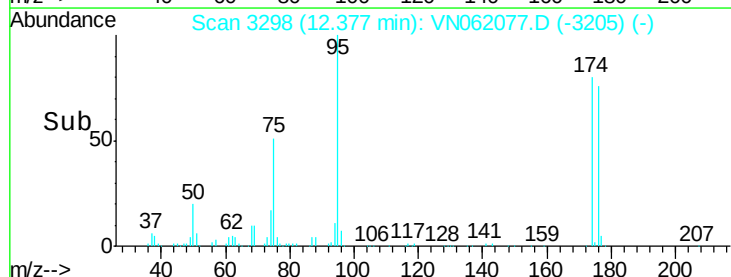
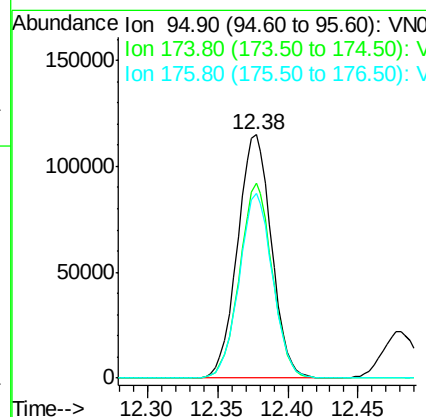
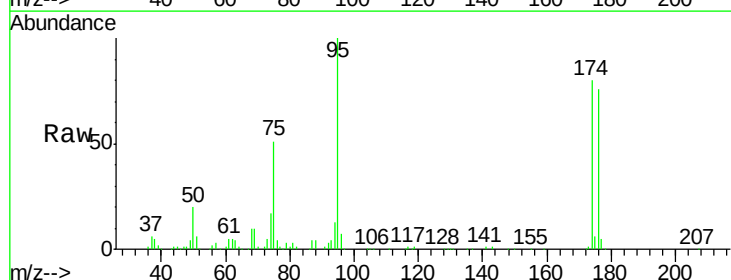
Manual Integrations
 APPROVED

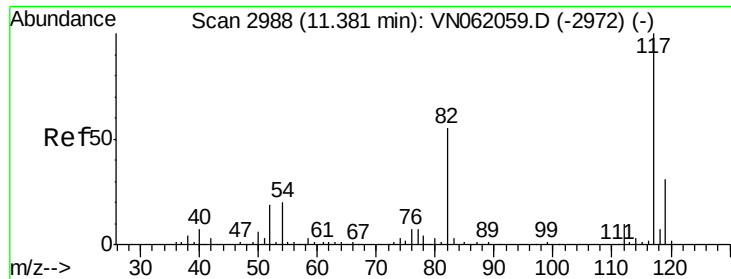
MMDadoda
 6/25/2020 6:10:39 PM



#62
 4-Bromofluorobenzene
 Concen: 48.330 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	154.8
176	74.6	0.0	147.4





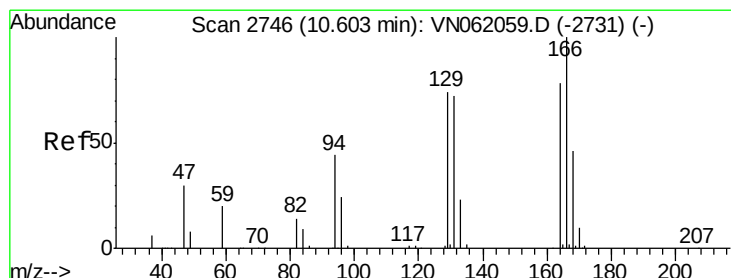
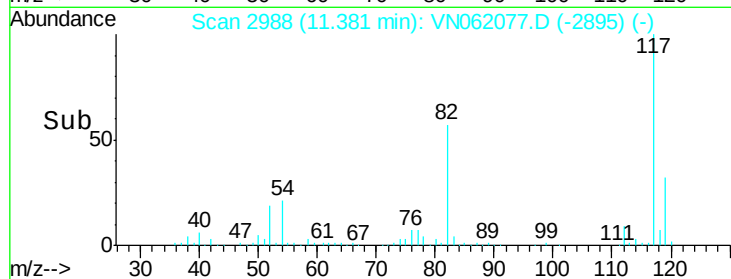
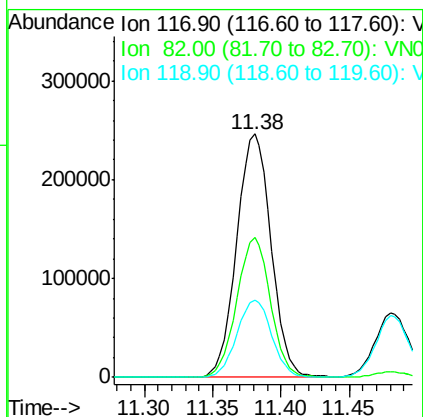
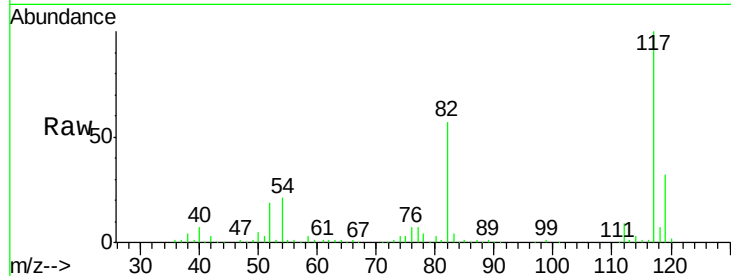
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.8	65.8
119	31.6	25.2	37.8

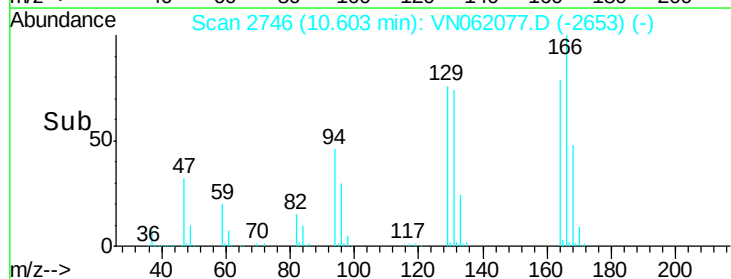
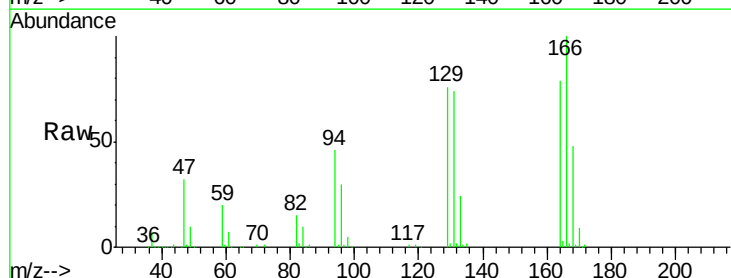
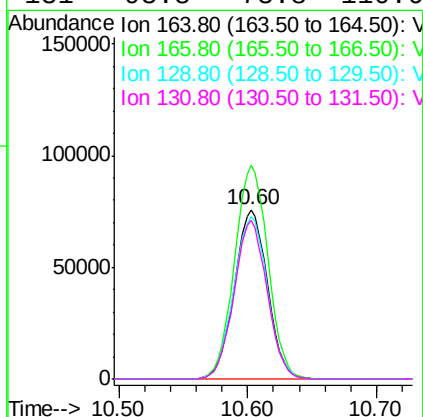
Manual Integrations
APPROVED

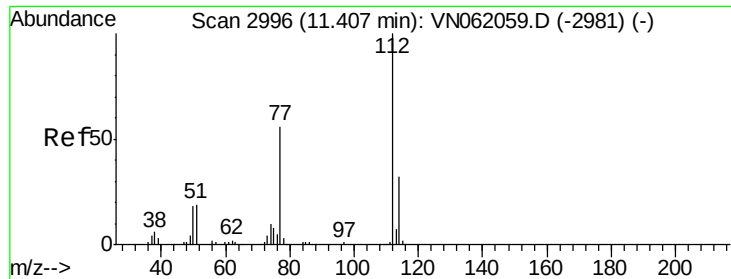
MMDadoda
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#64
Tetrachloroethene
Concen: 45.831 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.9	154.3
129	95.6	75.8	113.8
131	93.8	73.8	110.6





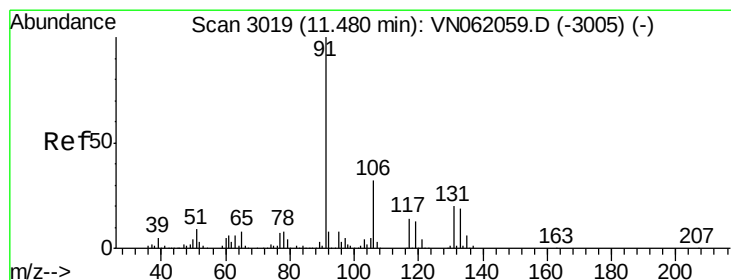
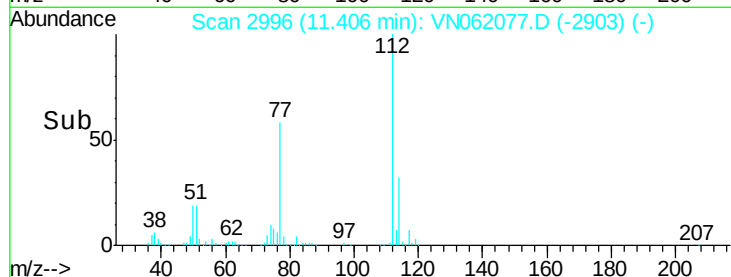
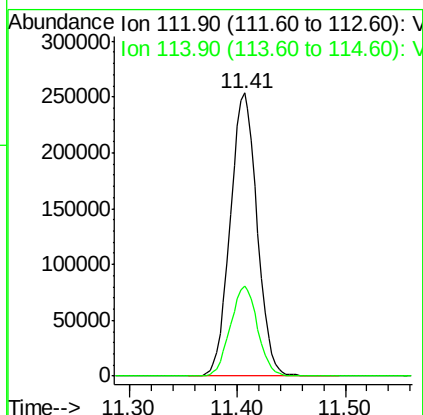
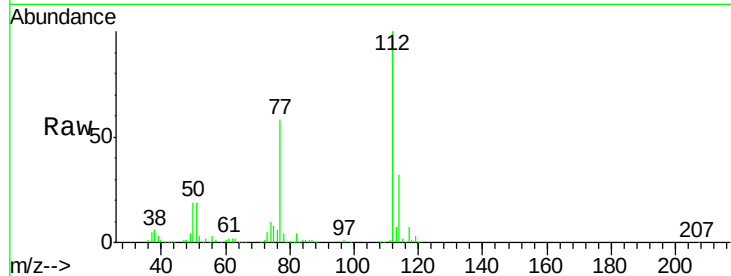
#65
Chlorobenzene
Concen: 46.526 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 441043
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

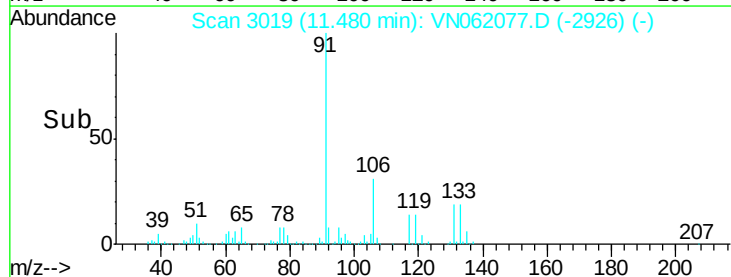
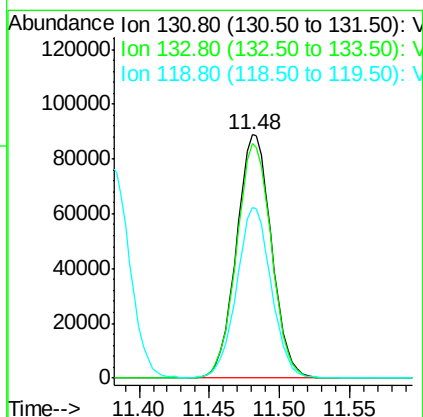
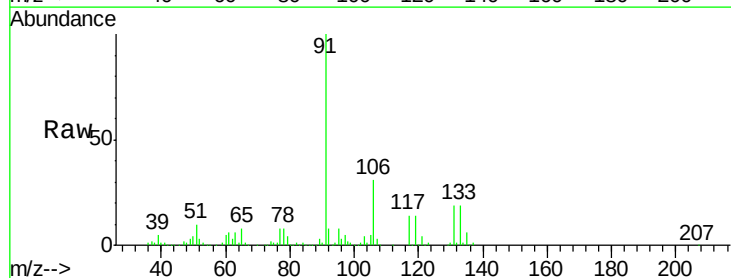
Manual Integrations
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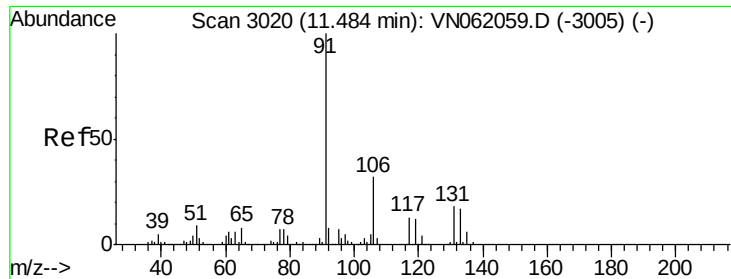
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.325 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion:131 Resp: 155130
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 69.2 34.4 103.3





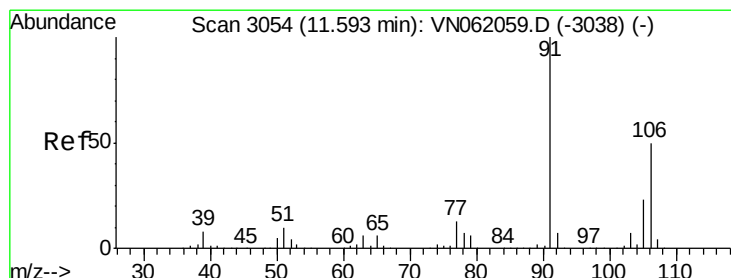
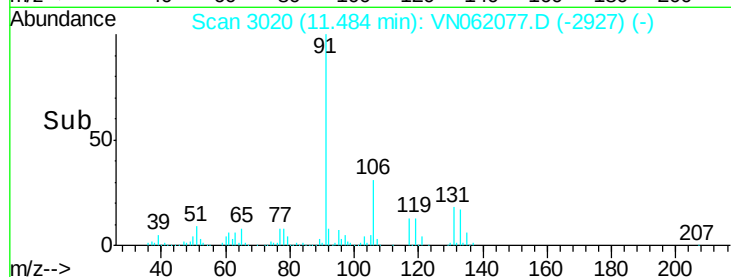
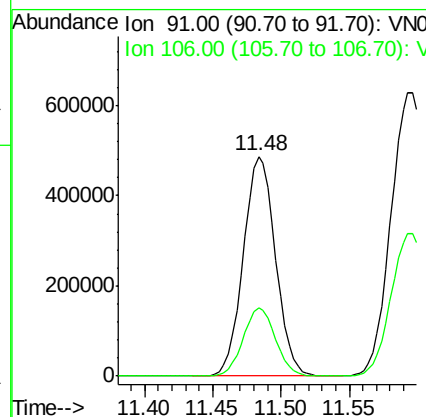
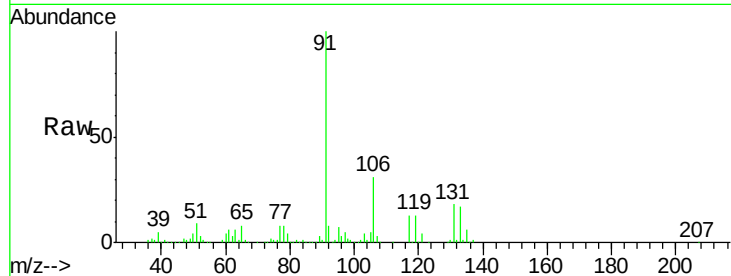
#67
Ethyl Benzene
Concen: 49.783 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.3	37.9

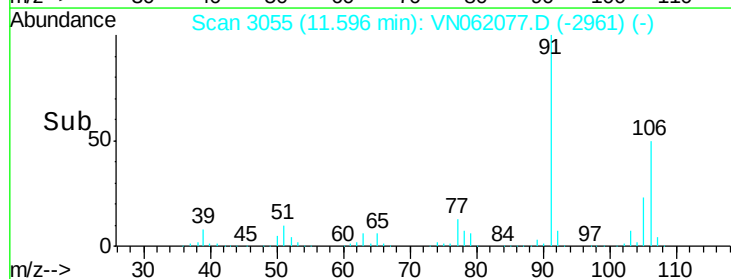
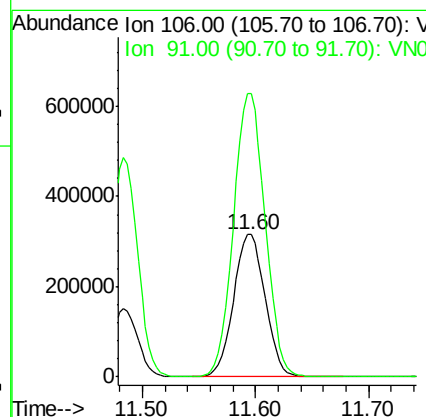
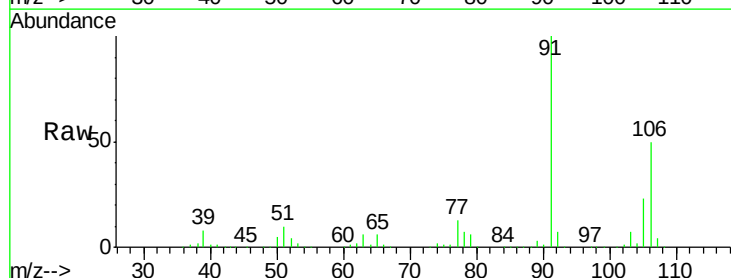
Manual Integrations
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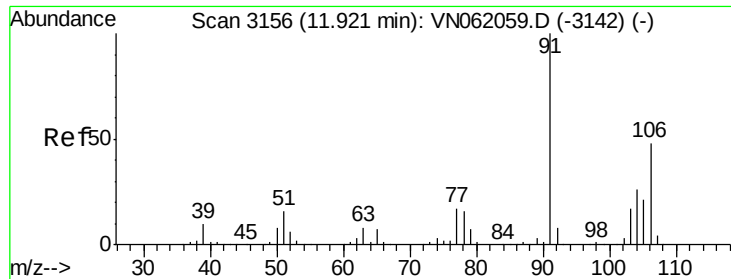
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#68
m/p-Xylenes
Concen: 98.383 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.4	157.8	236.8





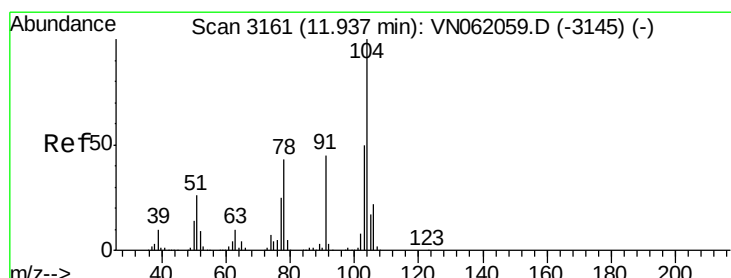
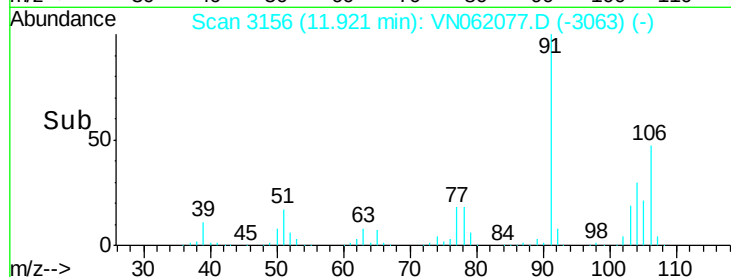
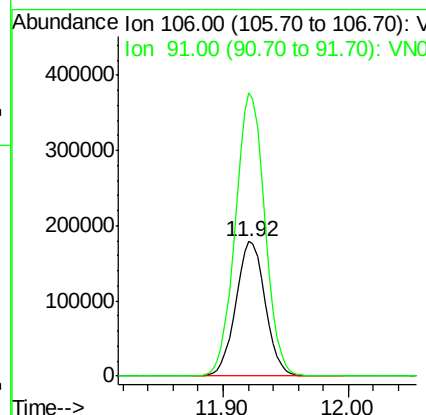
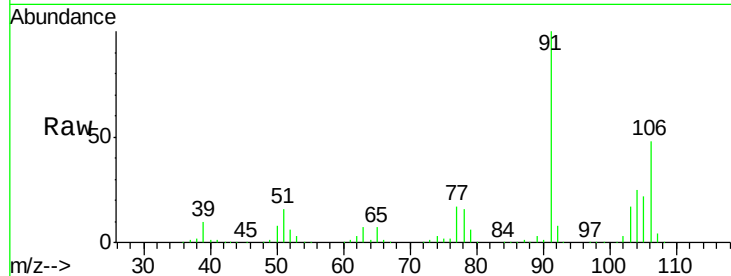
#69
o-Xylene
Concen: 50.067 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 292517
Ion Ratio Lower Upper
106 100
91 210.3 104.0 311.9

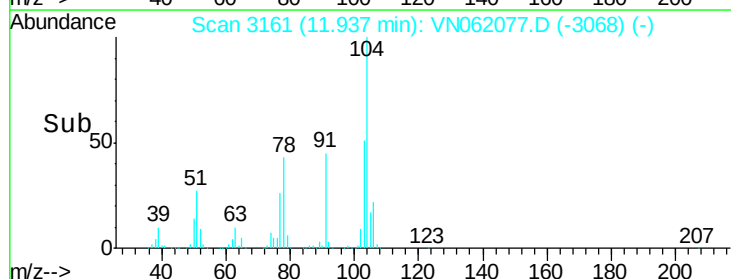
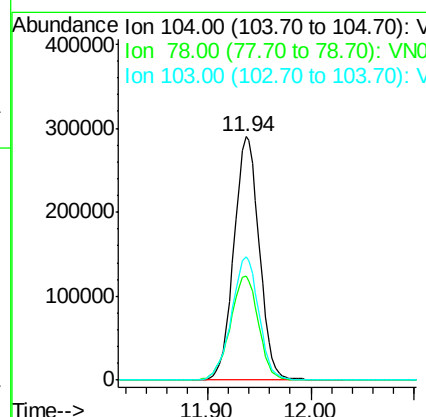
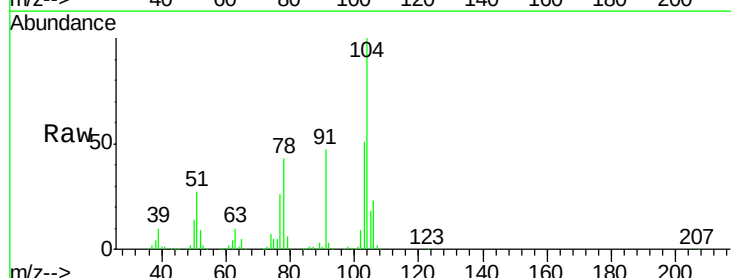
Manual Integrations
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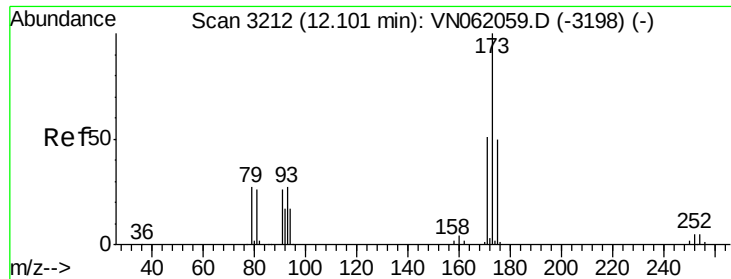
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#70
Styrene
Concen: 51.246 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062077.D
Acq: 24 Jun 2020 21:02

Tgt Ion:104 Resp: 499337
Ion Ratio Lower Upper
104 100
78 47.1 37.7 56.5
103 54.5 43.0 64.6





#71

Bromoform

Concen: 49.481 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 115322

Ion Ratio Lower Upper

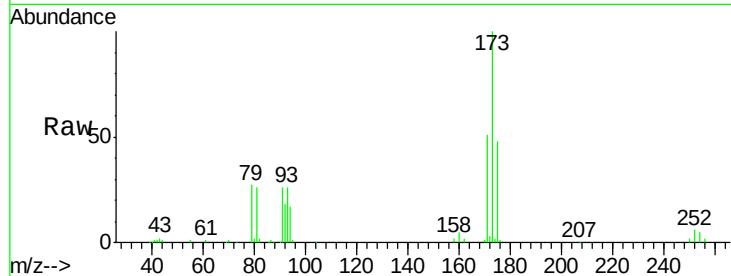
173 100

175 48.4 24.7 74.1

254 0.0 0.0 0.0

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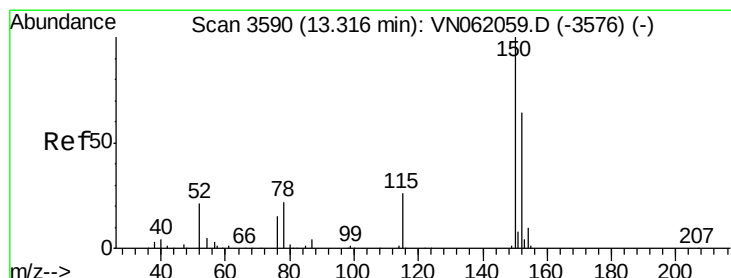
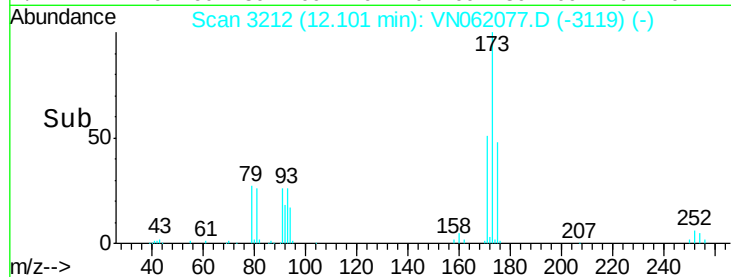
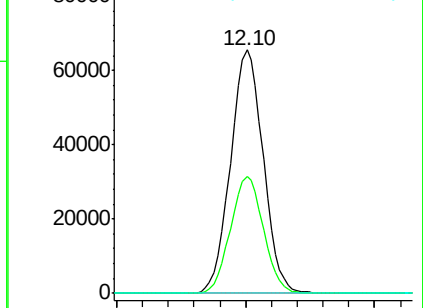
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 3591

Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

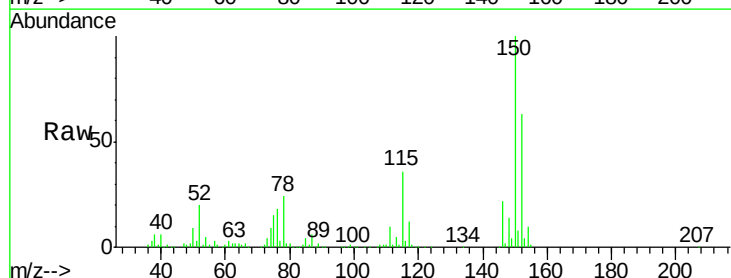
Tgt Ion:152 Resp: 208796

Ion Ratio Lower Upper

152 100

115 58.9 29.5 88.5

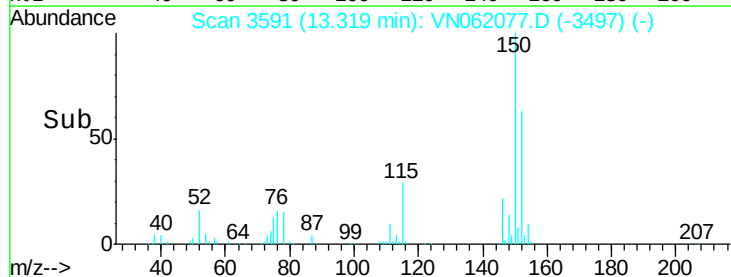
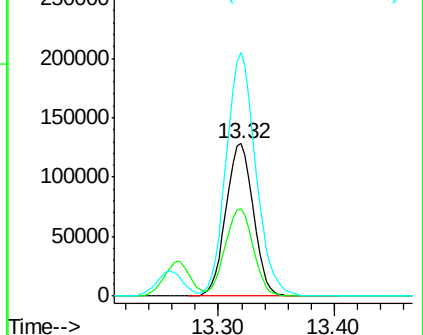
150 172.9 0.0 351.4

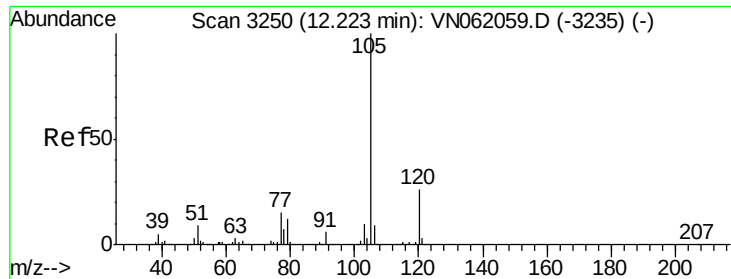


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.633 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 769870

Ion Ratio Lower Upper

105 100

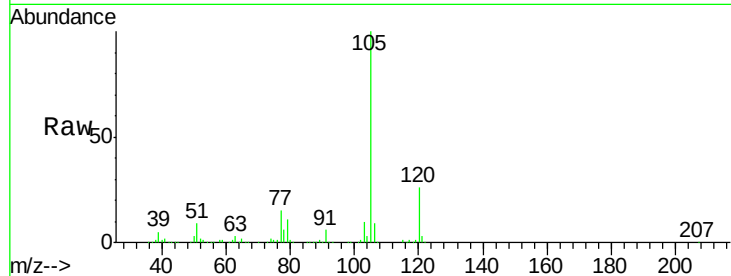
120 26.3 13.2 39.6

Manual Integrations

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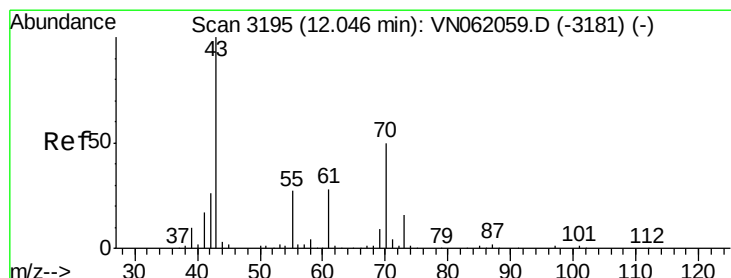
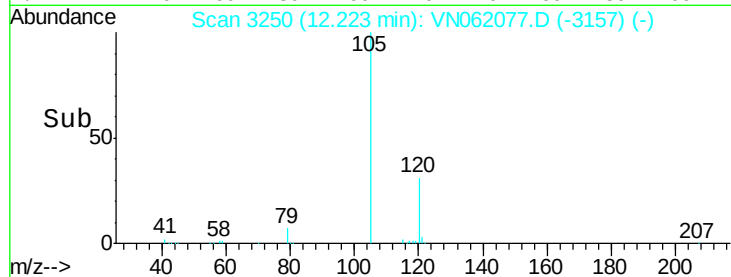
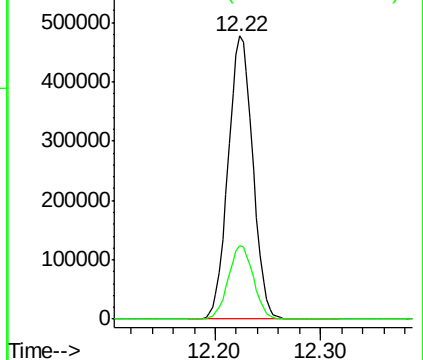
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.272 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion: 43 Resp: 280090

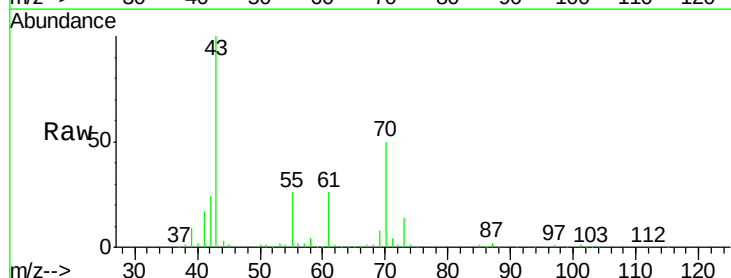
Ion Ratio Lower Upper

43 100

70 48.6 39.4 59.2

55 26.7 21.7 32.5

61 26.1 21.3 31.9

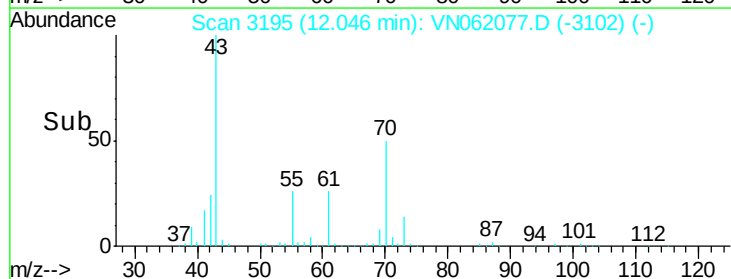
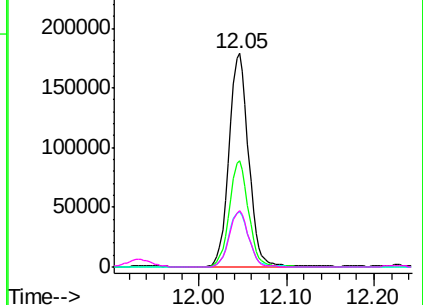


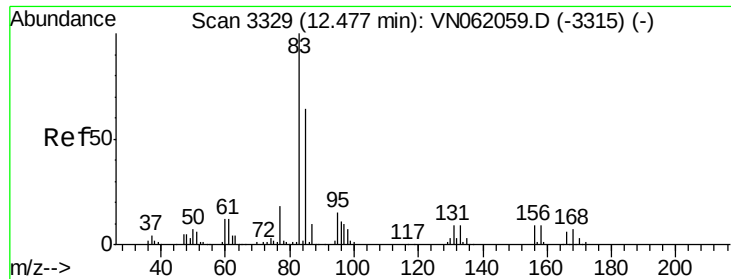
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.717 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

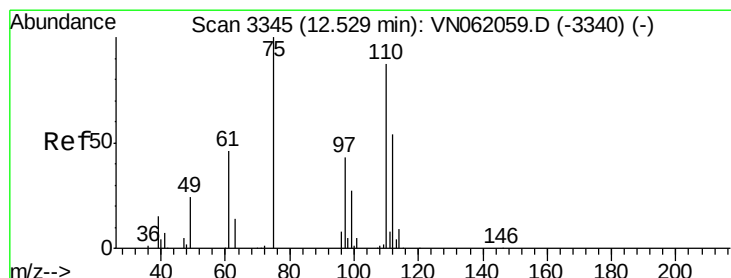
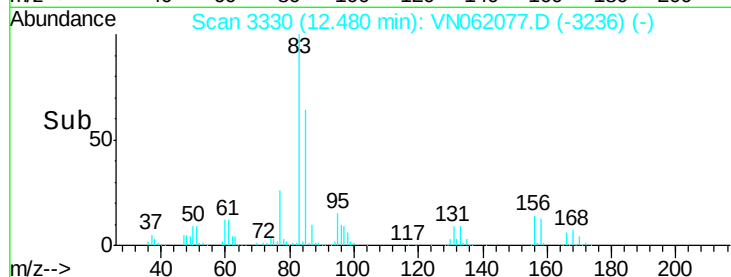
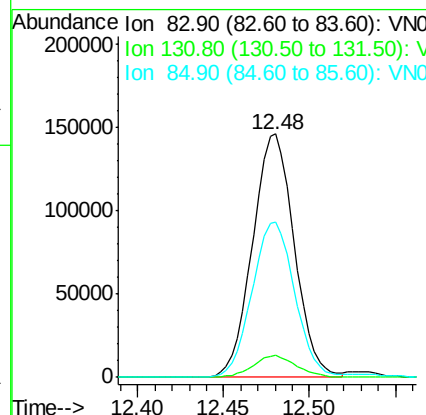
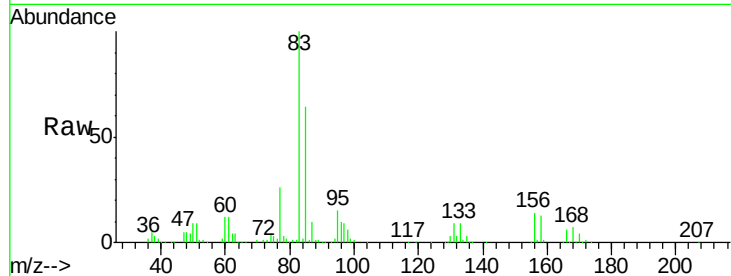
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	245890
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.8	14.4
85	65.0	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.292 ug/l m

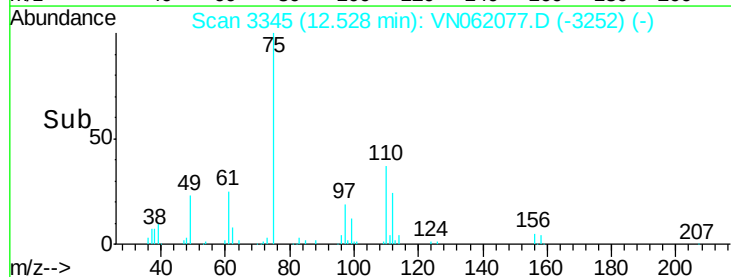
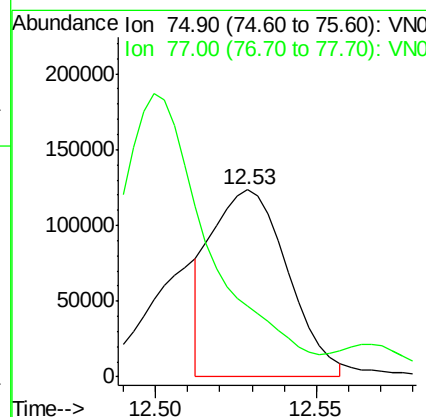
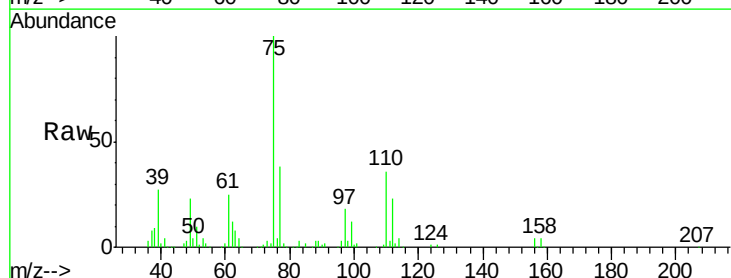
RT: 12.53 min Scan# 3345

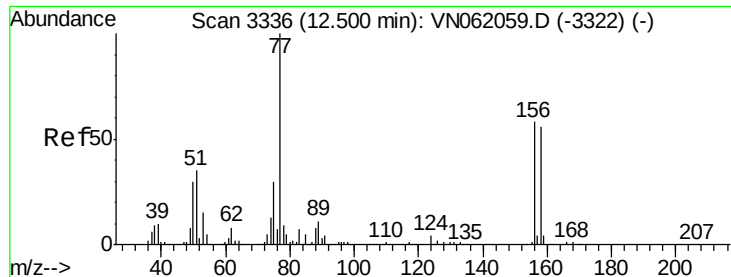
Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	75	Resp:	202961
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.537 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

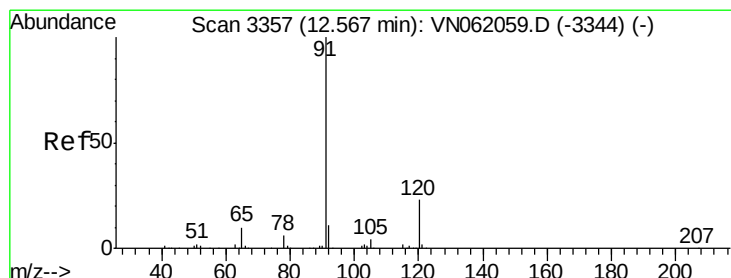
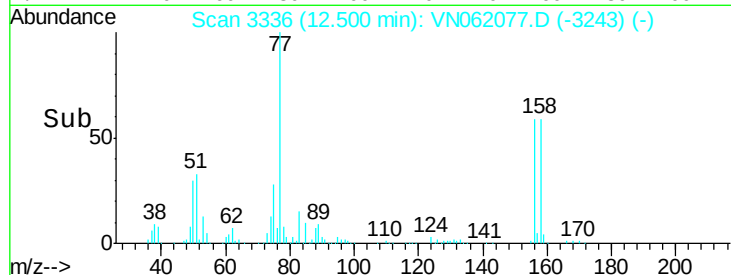
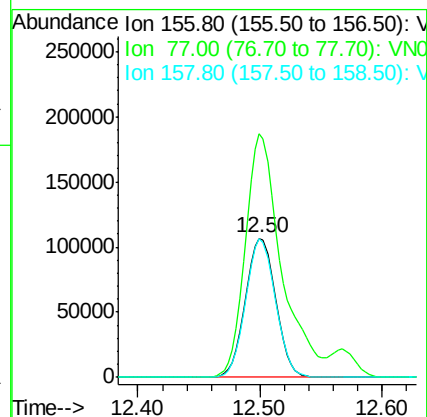
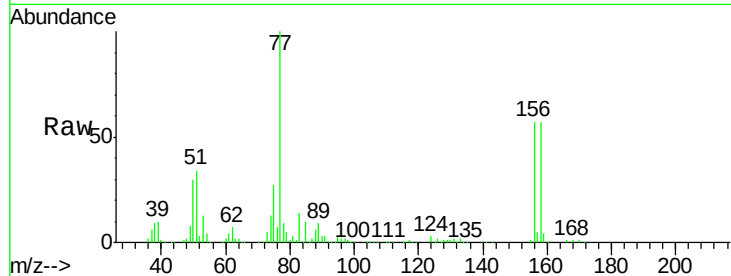
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	182722
Ion Ratio	Lower	Upper	
156	100		
77	208.1	104.6	313.8
158	97.5	48.0	144.0

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#78

n-propylbenzene

Concen: 48.036 ug/l

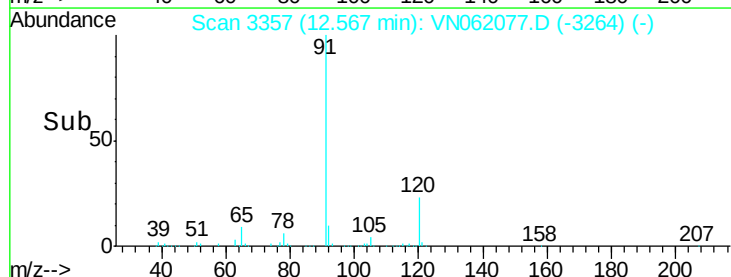
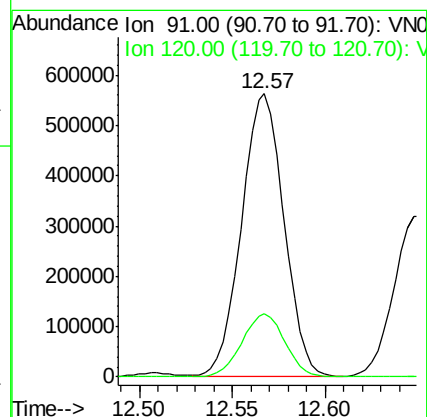
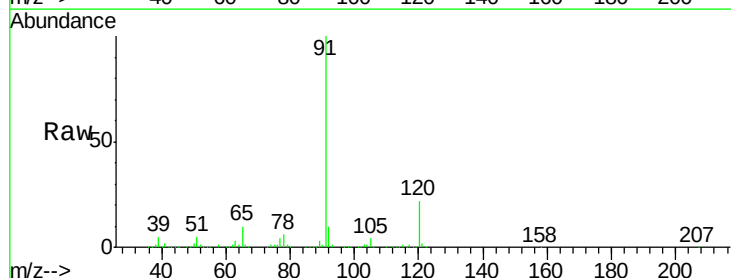
RT: 12.57 min Scan# 3357

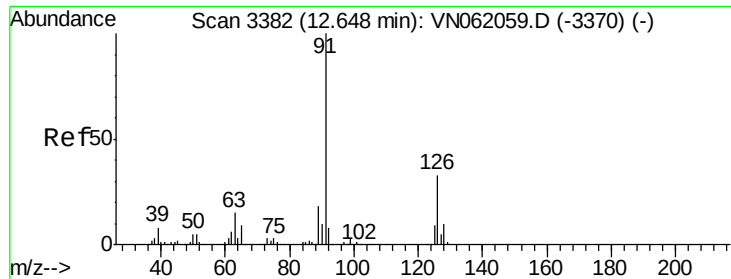
Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	91	Resp:	888059
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.1





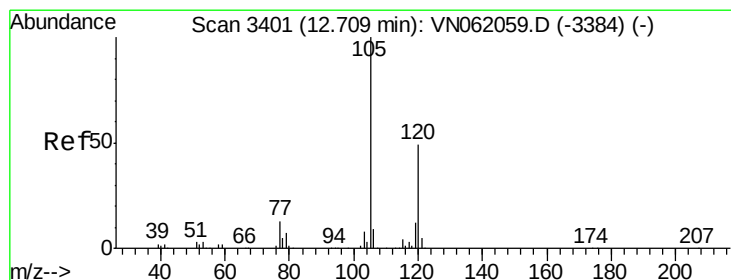
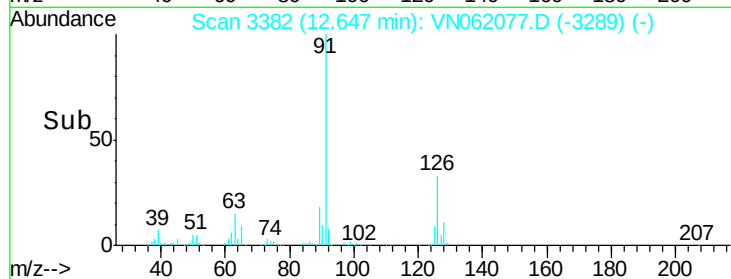
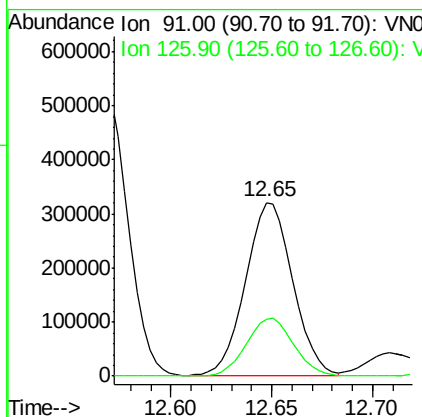
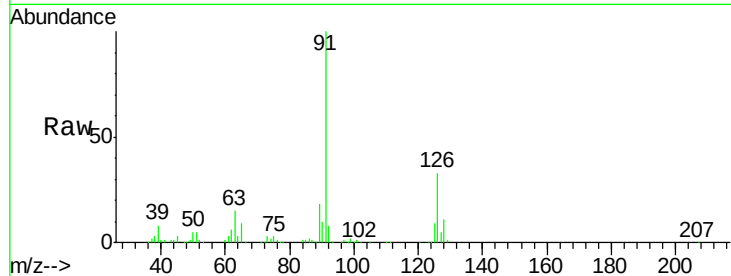
#79
 2-Chlorotoluene
 Concen: 46.911 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 524299
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.7

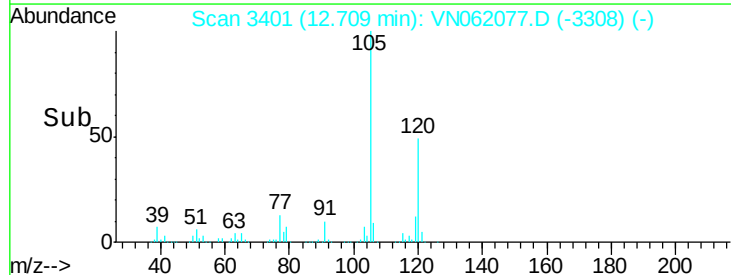
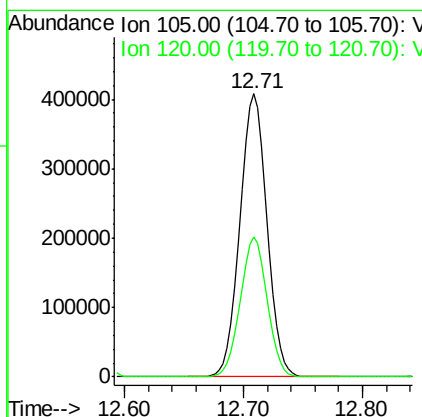
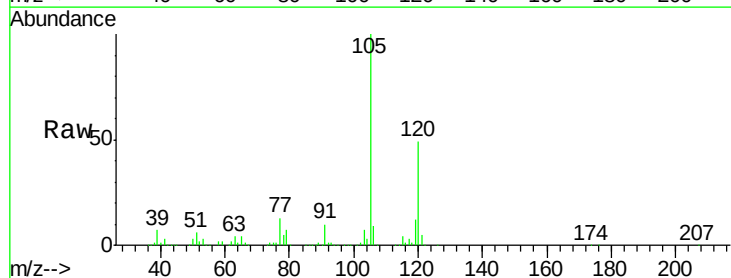
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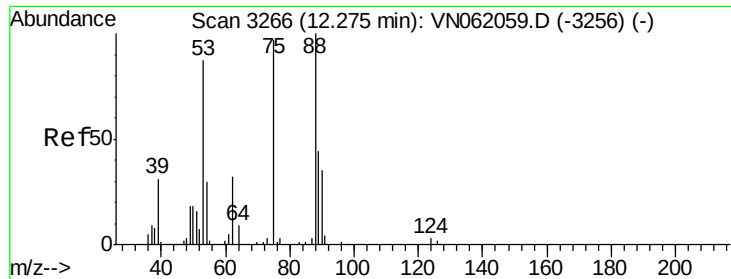
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.888 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion: 105 Resp: 640536
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 41.904 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

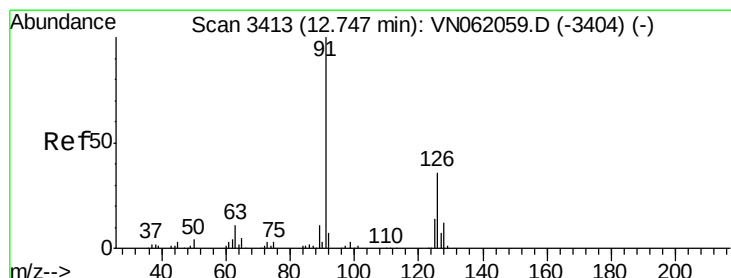
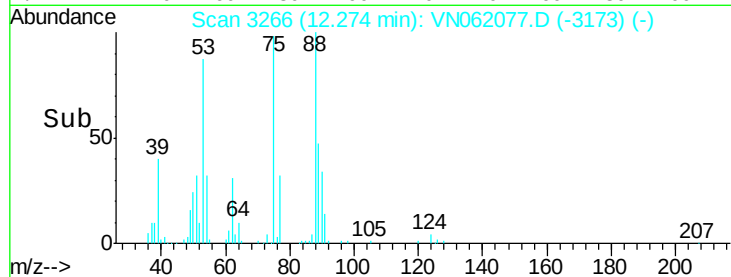
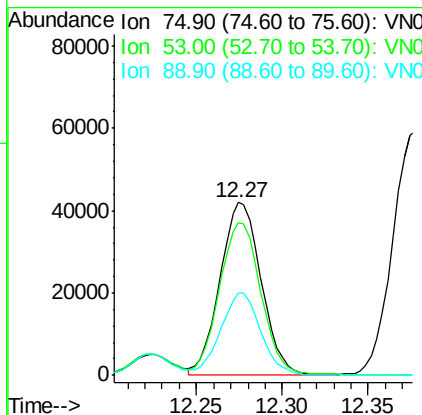
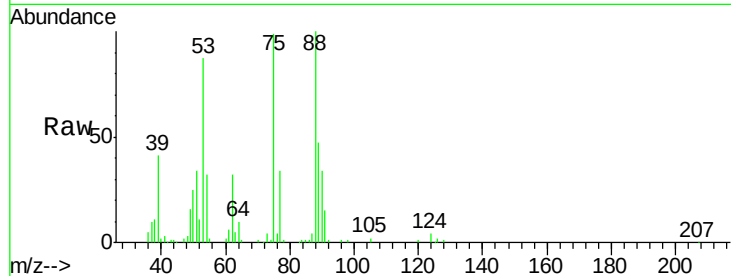
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	70527
Ion Ratio	Lower	Upper	
75	100		
53	89.5	72.0	108.0
89	46.4	36.9	55.3

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#82

4-Chlorotoluene

Concen: 46.672 ug/l

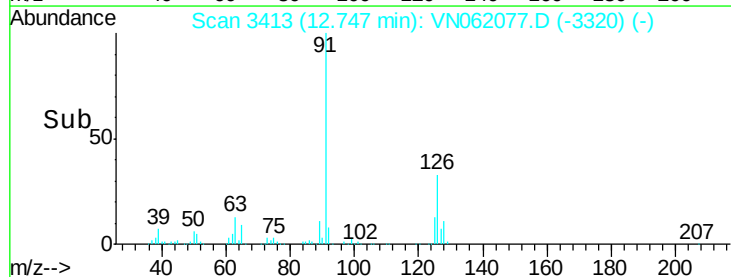
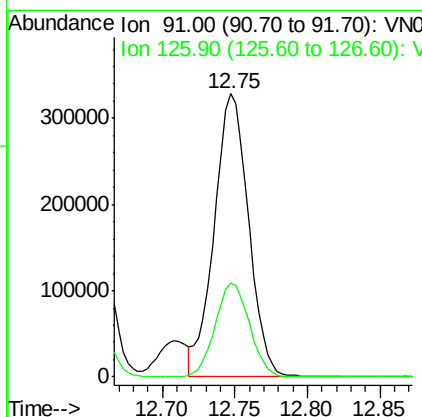
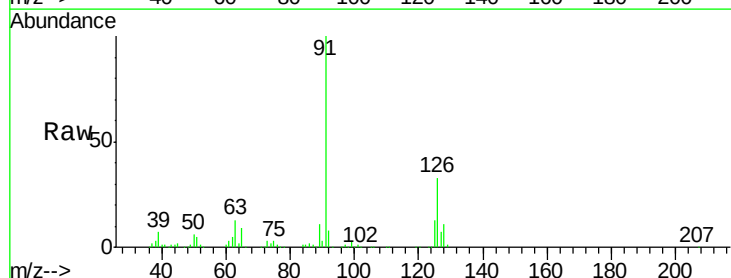
RT: 12.75 min Scan# 3413

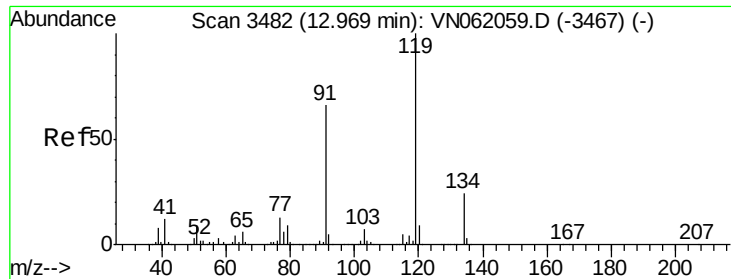
Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	91	Resp:	539417
Ion Ratio	Lower	Upper	
91	100		
126	33.3	16.7	50.1





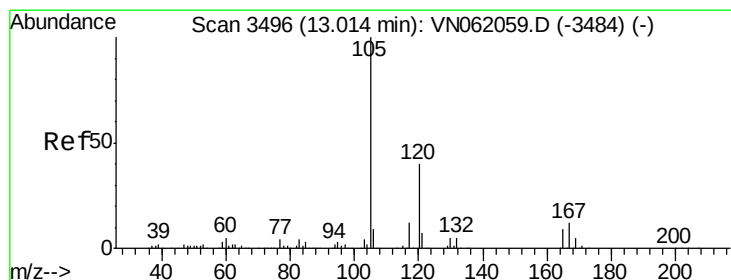
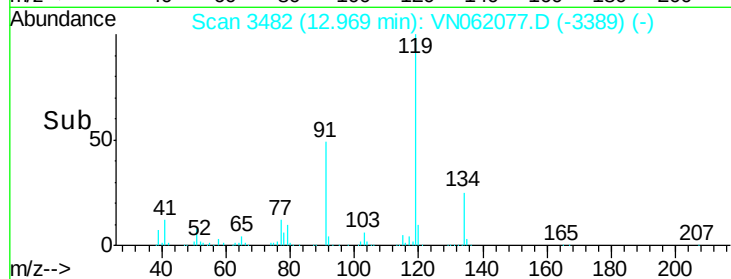
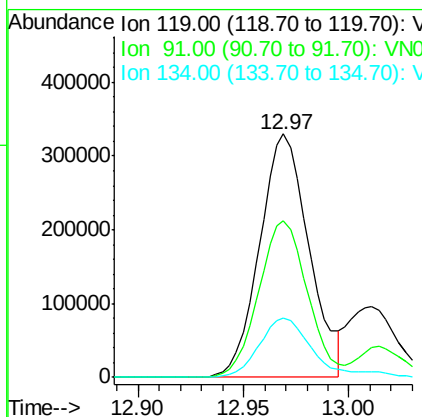
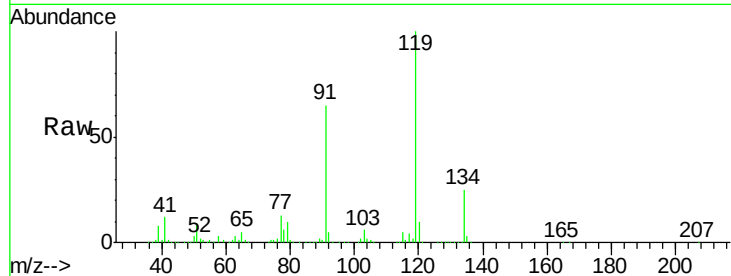
#83
 tert-Butylbenzene
 Concen: 47.914 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.7	95.1
134	26.7	13.1	39.1

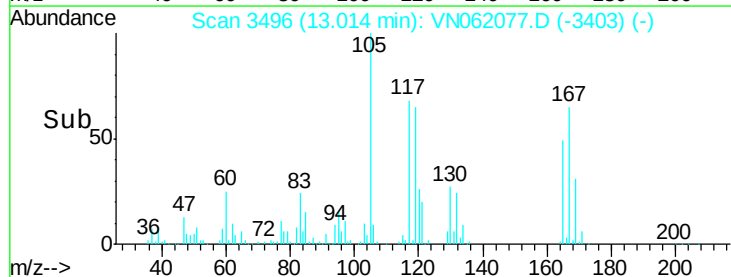
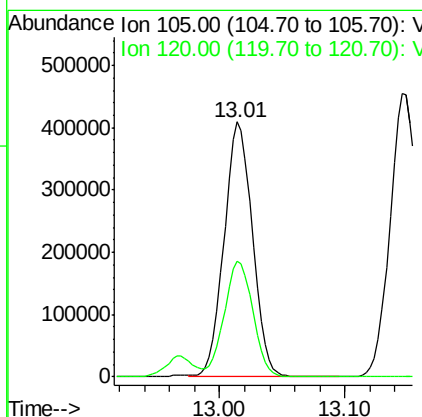
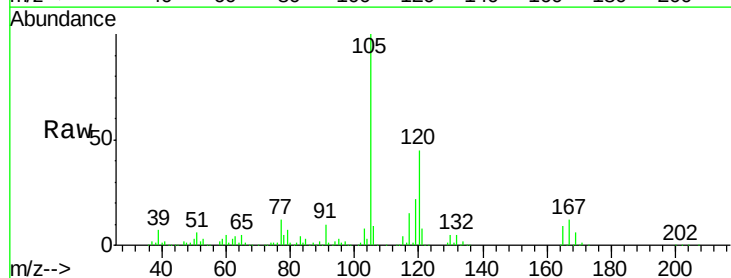
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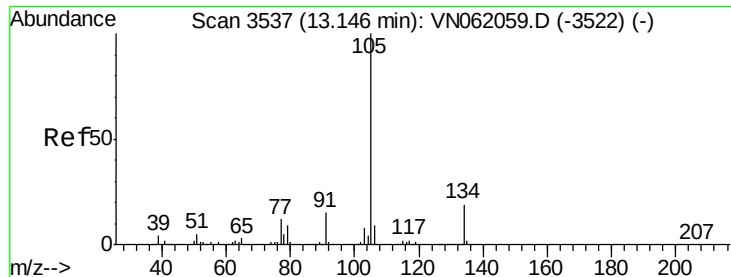
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.868 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.2	69.5





#85

sec-Butylbenzene

Concen: 48.395 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 717049

Ion Ratio Lower Upper

105 100

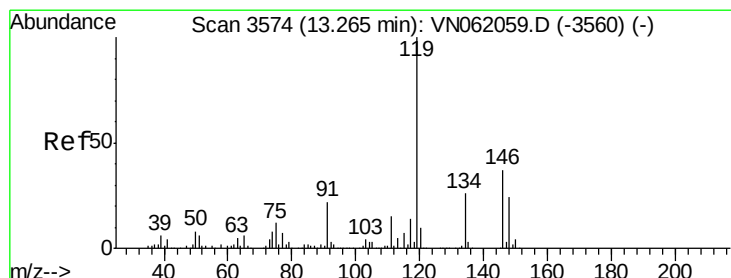
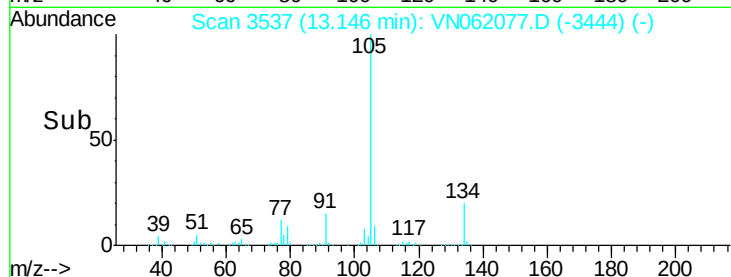
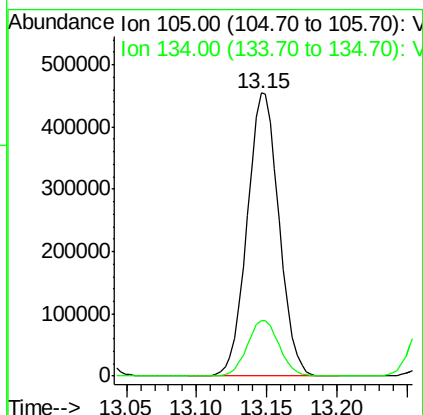
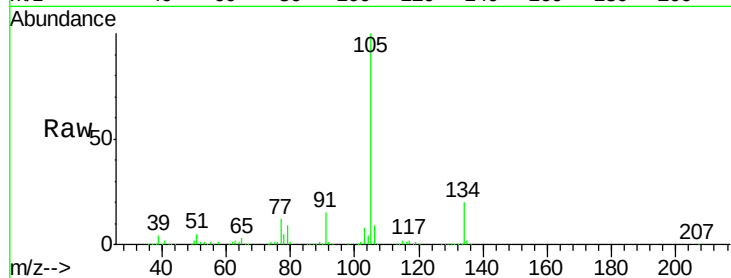
134 19.8 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 49.478 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

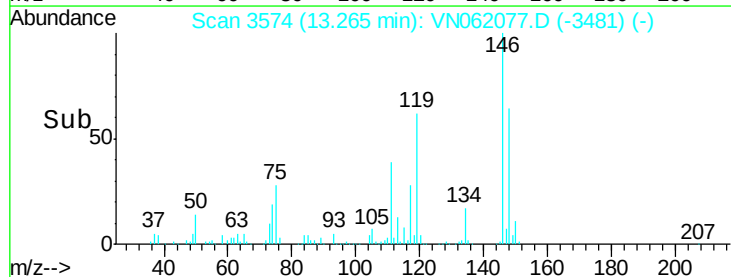
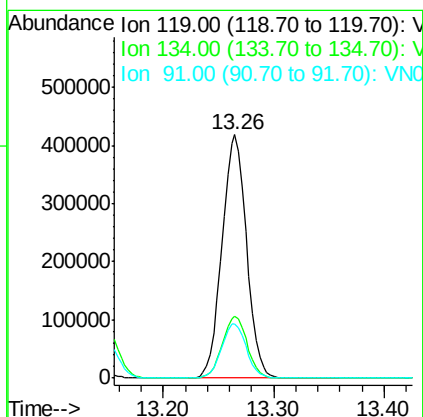
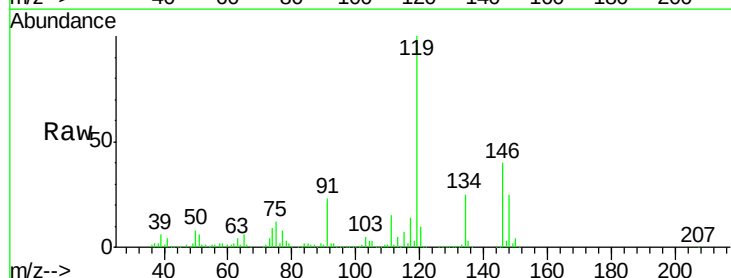
Tgt Ion:119 Resp: 642280

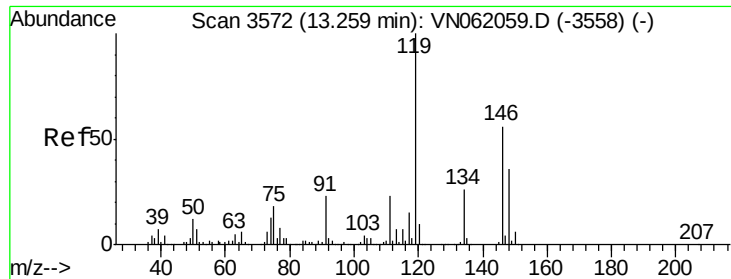
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 46.497 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

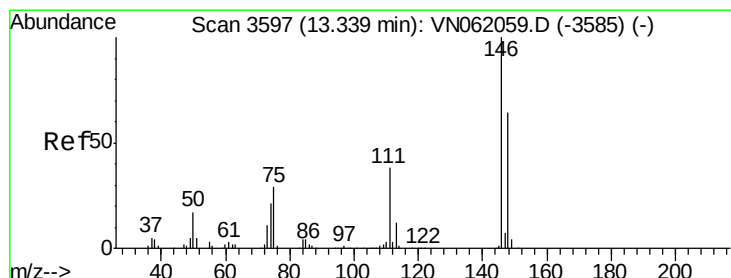
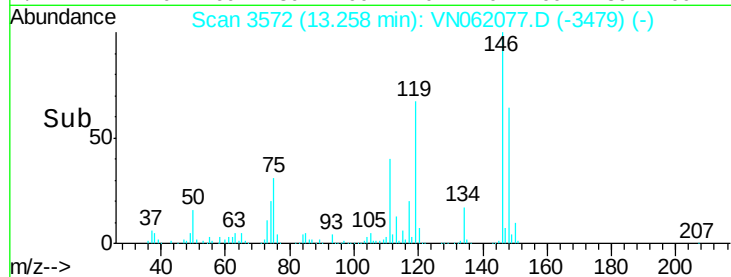
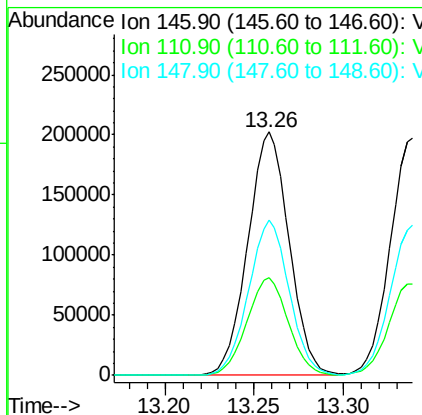
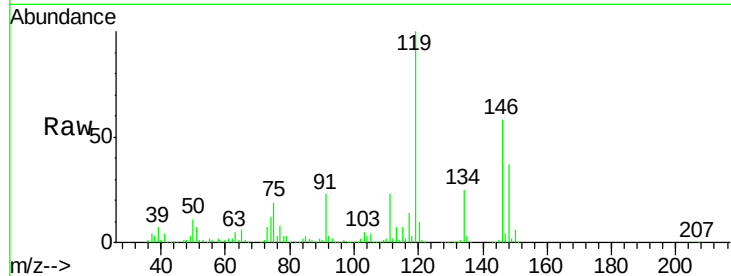
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	327626
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.3	61.0
148	62.9	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 45.314 ug/l

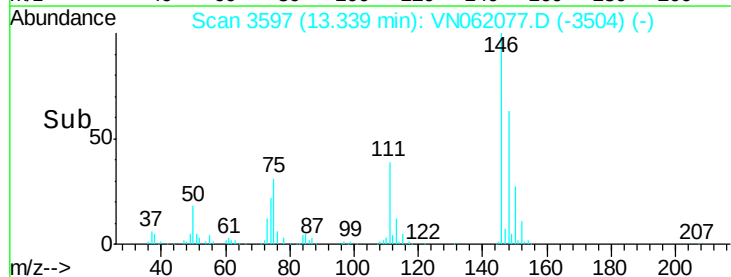
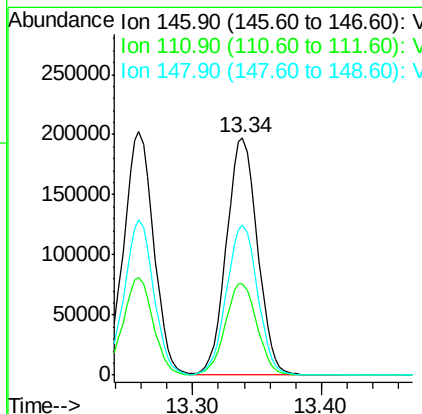
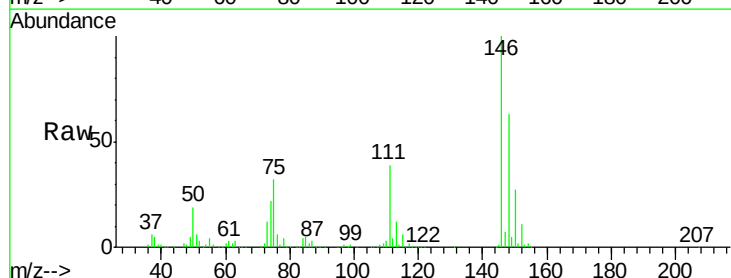
RT: 13.34 min Scan# 3597

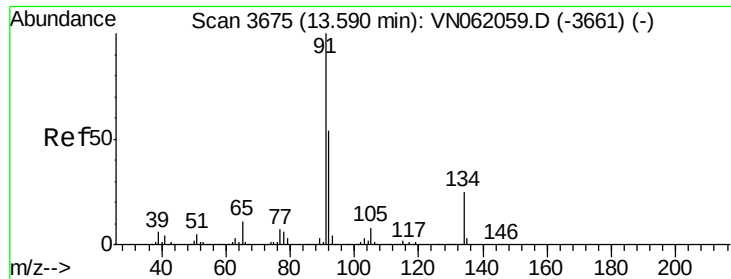
Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	146	Resp:	329125
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.9	59.6
148	63.3	31.9	95.9





#89

n-Butylbenzene

Concen: 49.272 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

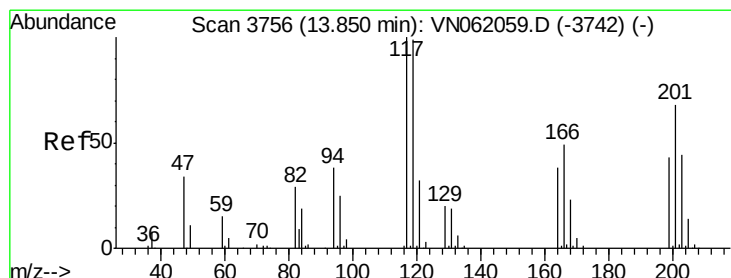
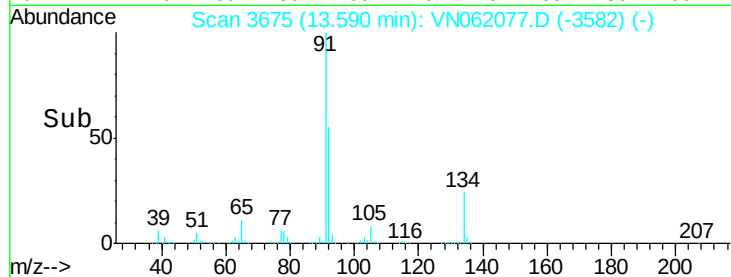
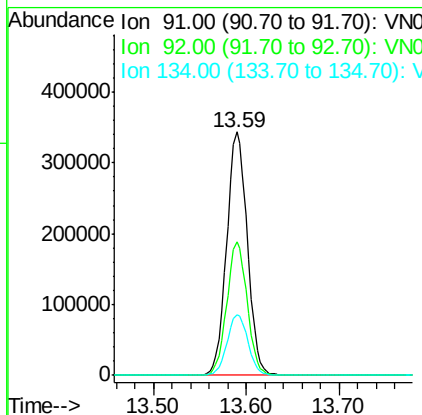
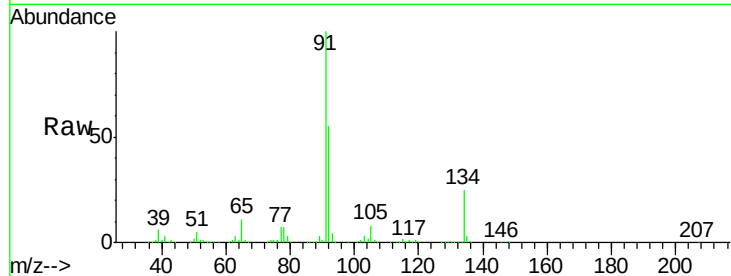
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	531752
Ion Ratio	Lower	Upper	
91	100		
92	54.1	26.6	79.7
134	25.3	12.3	36.9

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#90

Hexachloroethane

Concen: 43.544 ug/l

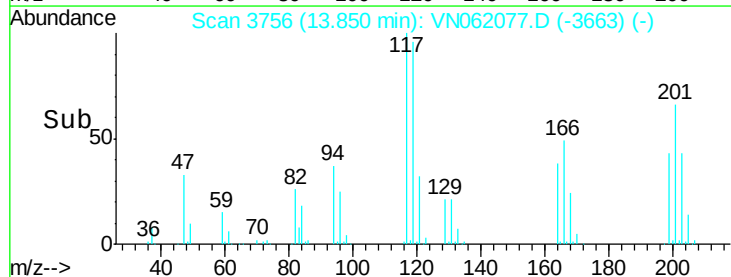
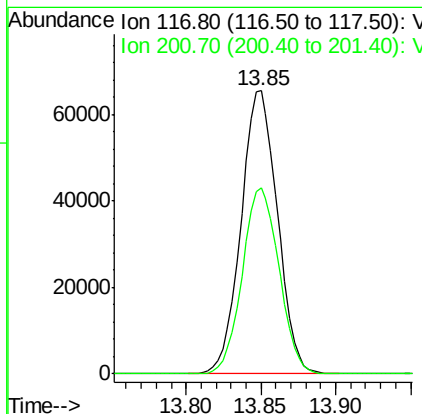
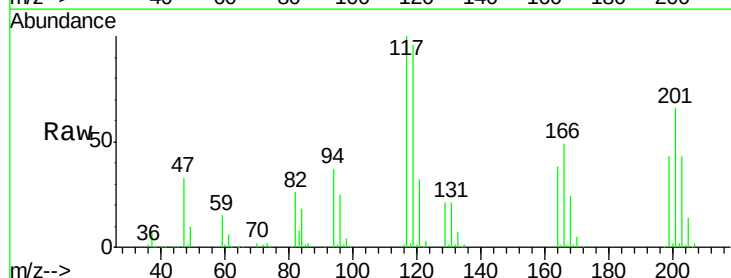
RT: 13.85 min Scan# 3756

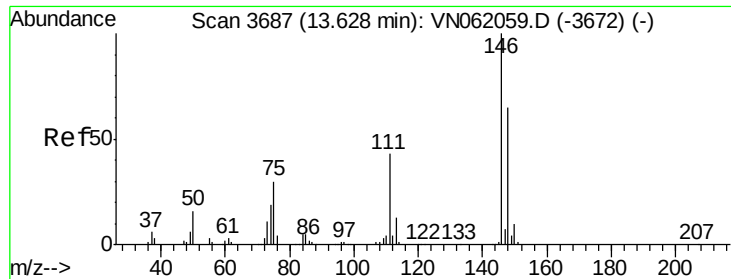
Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	117	Resp:	110899
Ion Ratio	Lower	Upper	
117	100		
201	66.2	32.7	98.1





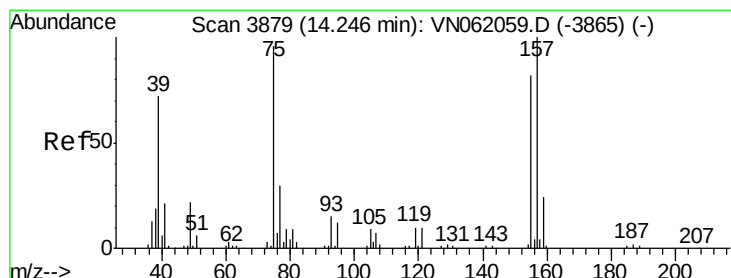
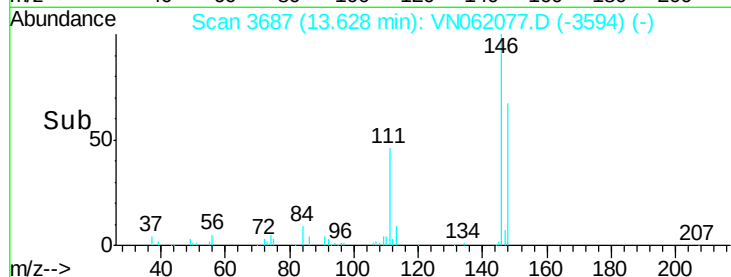
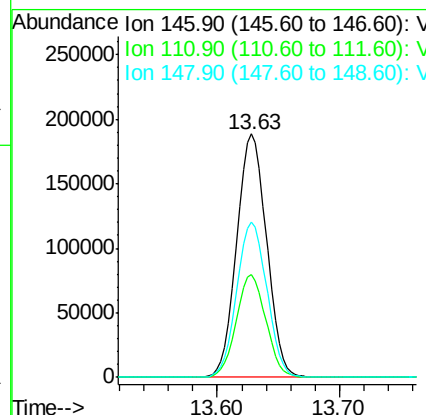
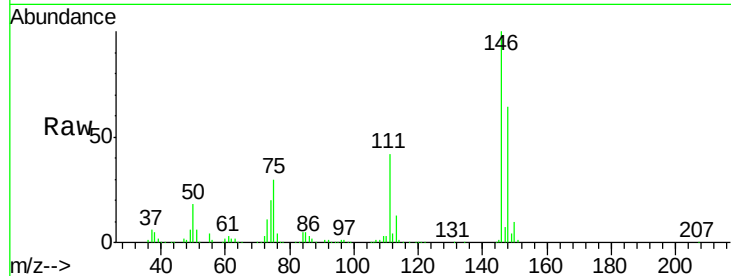
#91
 1,2-Dichlorobenzene
 Concen: 47.040 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.2	63.6
148	64.4	31.9	95.5

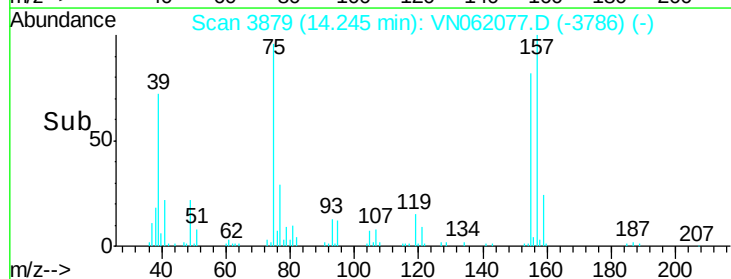
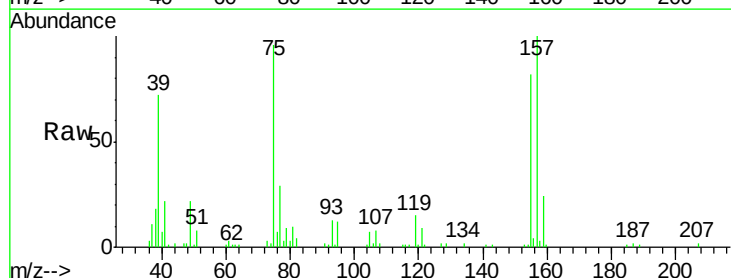
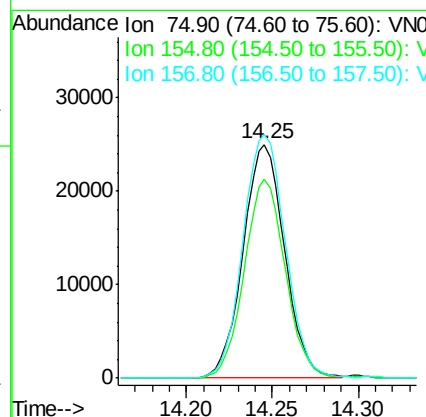
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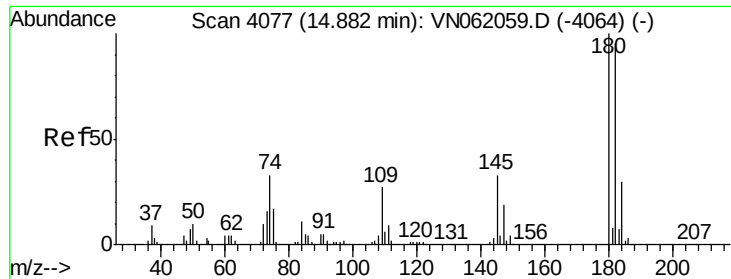
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.751 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.5	40.8	122.4
157	106.9	51.4	154.3





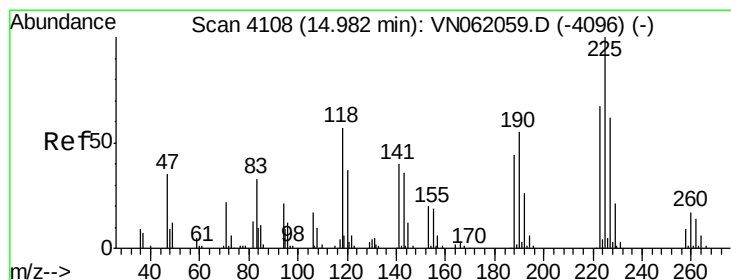
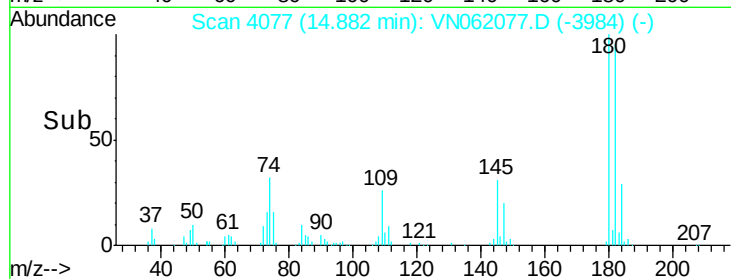
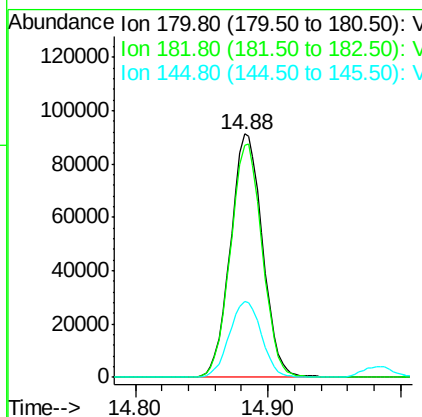
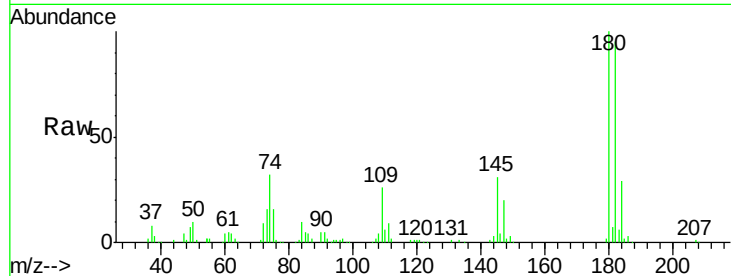
#93
 1,2,4-Trichlorobenzene
 Concen: 51.202 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.2
145	31.3	16.0	48.0

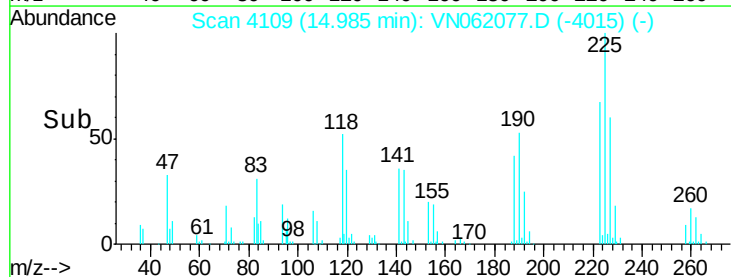
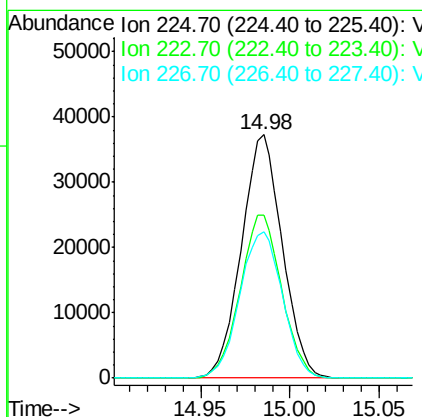
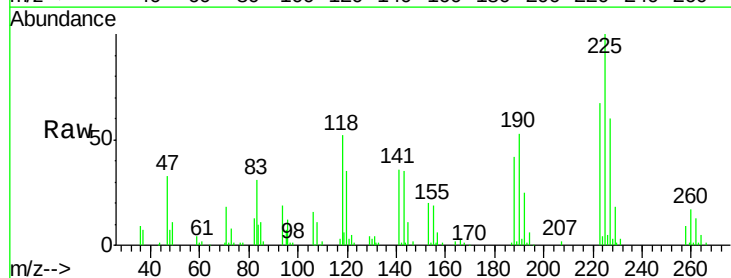
Manual Integrations
 APPROVED

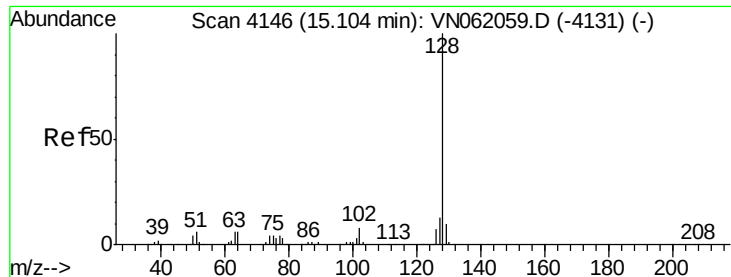
MMDadoda
 6/25/2020 6:10:39 PM



#94
 Hexachlorobutadiene
 Concen: 46.196 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062077.D
 Acq: 24 Jun 2020 21:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.7	32.9	98.7
227	62.6	31.3	93.8





#95

Naphthalene

Concen: 46.628 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Instrument :

MSVOA_N

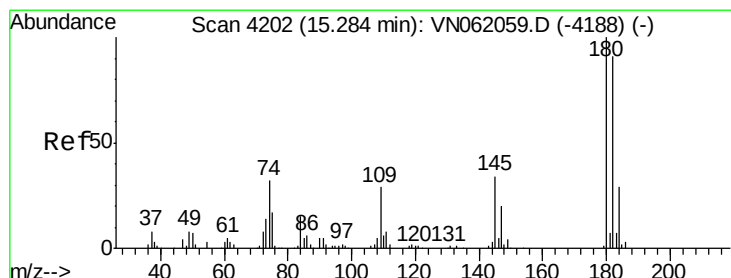
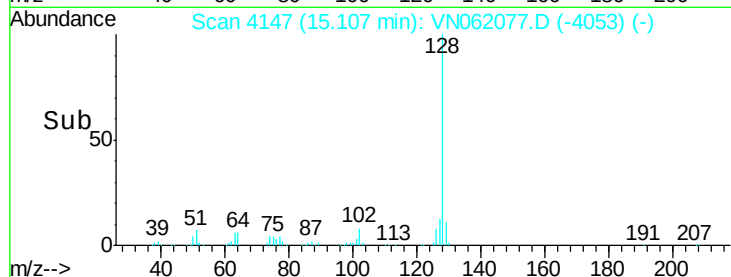
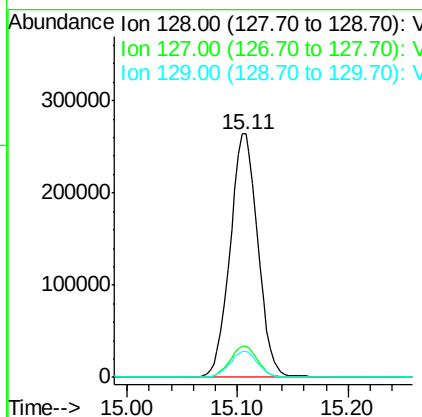
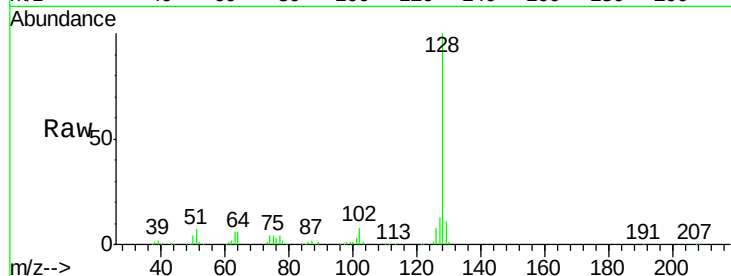
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	461145
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/25/2020 6:10:39 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.134 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062077.D

Acq: 24 Jun 2020 21:02

Tgt Ion:	180	Resp:	153012
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.8	140.4
145	32.8	16.4	49.2

