

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062702.D
 Acq On : 31 Jul 2020 22:45
 Operator : JC/MD
 Sample : VN0731WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:03:17 PM

Quant Time: Aug 01 06:23:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	158461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	133717	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	7.55	113	88374	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.06	98	340387	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.38	95	124858	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32881	17.396	ug/l	98
3) Chloromethane	2.03	50	37186	14.505	ug/l	99
4) Vinyl Chloride	2.16	62	33833	15.224	ug/l	98
5) Bromomethane	2.51	94	20267	20.589	ug/l	97
6) Chloroethane	2.66	64	20271	20.164	ug/l	100
7) Trichlorofluoromethane	2.98	101	57439	22.013	ug/l	97
8) Diethyl Ether	3.37	74	20604	16.886	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30410	18.177	ug/l	95
10) Methyl Iodide	3.90	142	36571	17.099	ug/l	96
11) Tert butyl alcohol	4.74	59	37604	96.028	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	30206	17.803	ug/l	93
13) Acrolein	3.57	56	17076	48.838	ug/l	99
14) Allyl chloride	4.27	41	57735	15.731	ug/l	94
15) Acrylonitrile	4.93	53	92051	87.762	ug/l	99
16) Acetone	3.78	43	81283	87.748	ug/l	96
17) Carbon Disulfide	4.00	76	85800	15.391	ug/l	99
18) Methyl Acetate	4.28	43	47989	20.464	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	116525	18.659	ug/l	96
20) Methylene Chloride	4.50	84	38654	17.398	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	32959	17.502	ug/l	96
22) Diisopropyl ether	5.90	45	123281	16.899	ug/l	92
23) Vinyl Acetate	5.84	43	498503	83.395	ug/l	97
24) 1,1-Dichloroethane	5.80	63	69587	17.713	ug/l	97
25) 2-Butanone	6.79	43	121980	86.464	ug/l	100
26) 2,2-Dichloropropane	6.77	77	54653	16.947	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	37483	17.443	ug/l	97
28) Bromochloromethane	7.15	49	34487	17.838	ug/l	92
29) Tetrahydrofuran	7.17	42	81139	84.998	ug/l	95
30) Chloroform	7.33	83	70490	18.872	ug/l	99
31) Cyclohexane	7.61	56	59253	16.336	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	62594	20.072	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50562	17.788	ug/l	99
37) Ethyl Acetate	6.88	43	49733	16.231	ug/l	97
38) Carbon Tetrachloride	7.73	117	56985	20.857	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51917	16.968	ug/l	98
40) Benzene	8.00	78	148332	17.237	ug/l	99
41) Methacrylonitrile	7.12	41	19961	15.201	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	61981	19.701	ug/l	97
43) Isopropyl Acetate	8.13	43	84462	17.100	ug/l #	91
44) Trichloroethene	8.80	130	34939	18.004	ug/l	99
45) 1,2-Dichloropropane	9.08	63	41372	17.123	ug/l	99
46) Dibromomethane	9.17	93	25894	18.543	ug/l	99
47) Bromodichloromethane	9.37	83	58911	19.472	ug/l	96
48) Methyl methacrylate	9.17	41	40820	17.385	ug/l	94
49) 1,4-Dioxane	9.17	88	13663	378.868	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	266771	90.265	ug/l	99
52) Toluene	10.12	92	91482	18.308	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61165	18.161	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64936	17.969	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	36776	18.974	ug/l	95
56) Ethyl methacrylate	10.40	69	55474	17.144	ug/l	97
57) 1,3-Dichloropropane	10.68	76	63582	17.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80691	88.484	ug/l	97
59) 2-Hexanone	10.72	43	190449	85.297	ug/l	99
60) Dibromochloromethane	10.87	129	41428	19.160	ug/l	95
61) 1,2-Dibromoethane	10.98	107	35235	17.458	ug/l	93
64) Tetrachloroethene	10.60	164	29925	18.770	ug/l	98
65) Chlorobenzene	11.41	112	93653	18.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	37419	19.335	ug/l	98
67) Ethyl Benzene	11.48	91	174202	18.469	ug/l	97
68) m/p-Xylenes	11.60	106	128334	37.854	ug/l	100
69) o-Xylene	11.92	106	60240	18.712	ug/l	95
70) Styrene	11.94	104	103972	19.119	ug/l	98
71) Bromoform	12.10	173	29450	20.267	ug/l #	99
73) Isopropylbenzene	12.22	105	168223	19.063	ug/l	98
74) N-amyl acetate	12.05	43	68890	17.480	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	54621	17.811	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	51366m	18.082	ug/l	
77) Bromobenzene	12.50	156	40536	19.114	ug/l	94
78) n-propylbenzene	12.57	91	190376	18.417	ug/l	100
79) 2-Chlorotoluene	12.65	91	119476	18.754	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	147561	20.158	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17785	17.428	ug/l	94
82) 4-Chlorotoluene	12.75	91	121699	18.353	ug/l	99
83) tert-Butylbenzene	12.97	119	121273	19.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	140654	19.587	ug/l	99
85) sec-Butylbenzene	13.15	105	159409	19.589	ug/l	99
86) p-Isopropyltoluene	13.26	119	136935	19.565	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	67503	18.138	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	68773	18.772	ug/l	98
89) n-Butylbenzene	13.59	91	107627	17.897	ug/l	100
90) Hexachloroethane	13.85	117	27371	18.370	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	67191	18.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11113	19.960	ug/l	95

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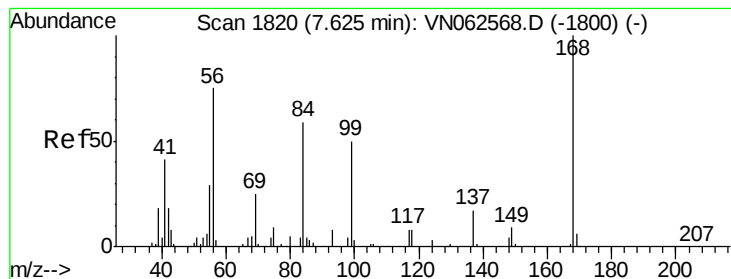
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	27656	16.967	ug/l	97
94) Hexachlorobutadiene	14.98	225	21381	21.966	ug/l	97
95) Naphthalene	15.10	128	70094	16.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	28522	17.008	ug/l	100

(#) = 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: VN062702.D

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MSVOA_N

ClientSampleId :

VN0731WBS02

Tot Ion:168 Resp: 158461

Ion Ratio Lower Upper

168 100

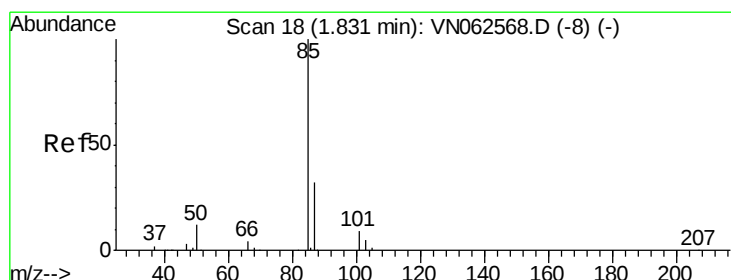
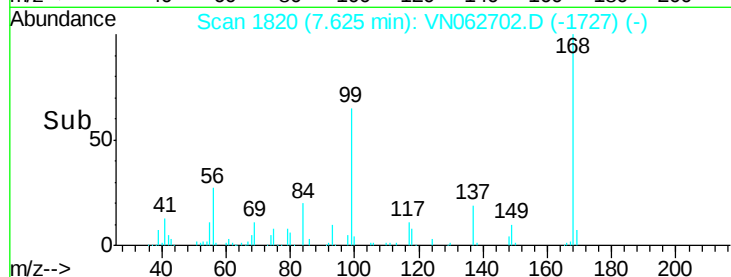
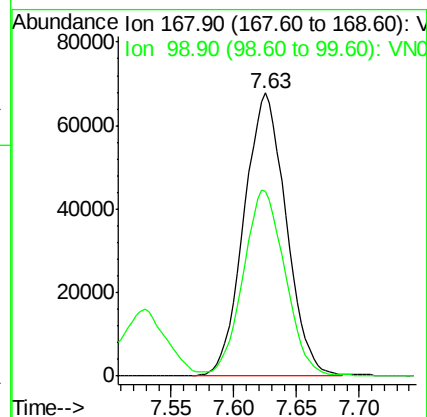
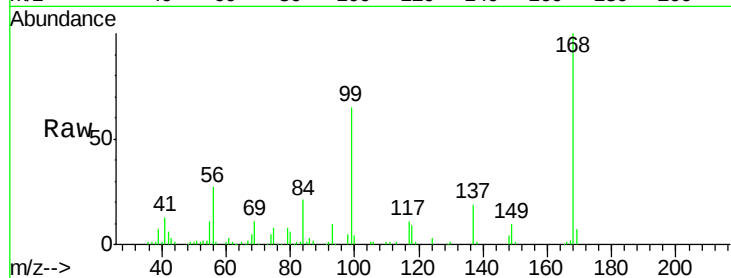
99 64.9 48.4 72.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.396 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062702.D

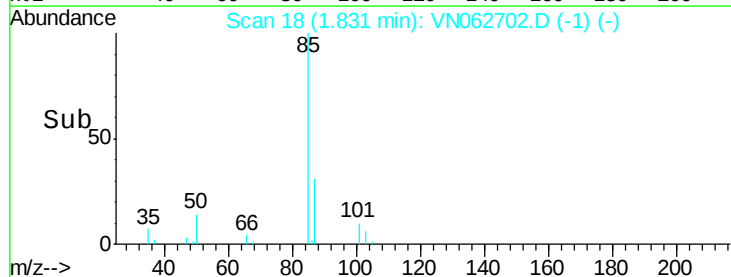
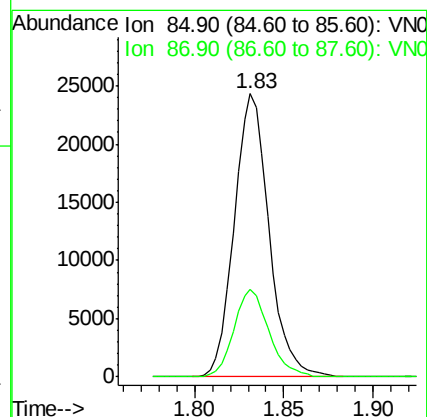
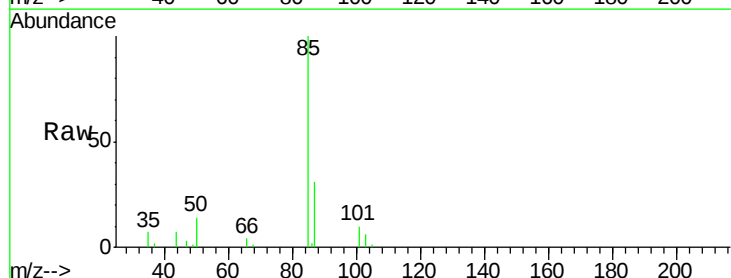
Acq: 31 Jul 2020 22:45

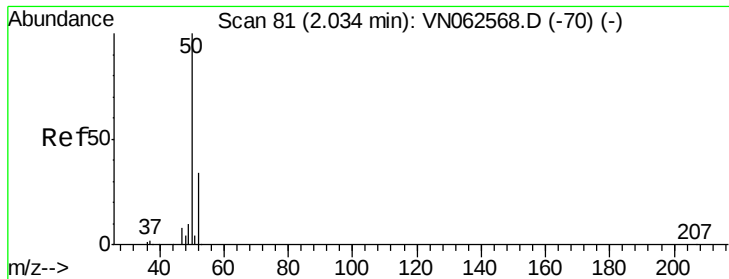
Tgt Ion: 85 Resp: 32881

Ion Ratio Lower Upper

85 100

87 31.1 16.0 48.0





#3

Chloromethane

Concen: 14.505 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

Tot Ion: 50 Resp: 37186

Ion Ratio Lower Upper

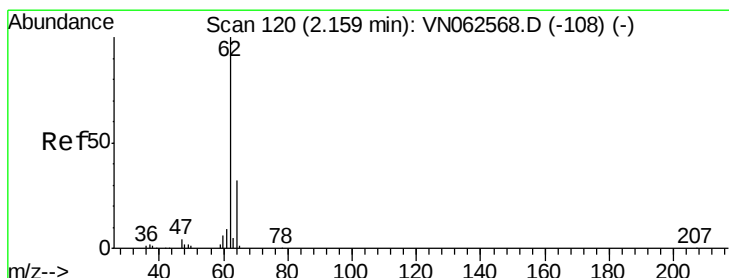
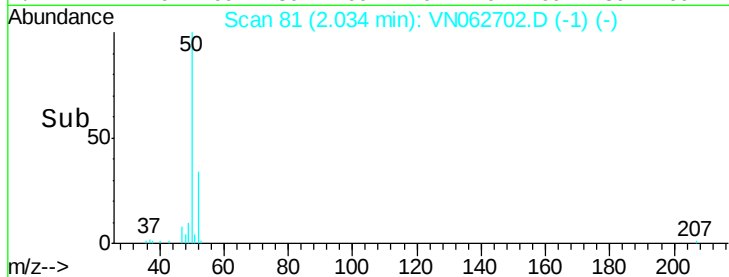
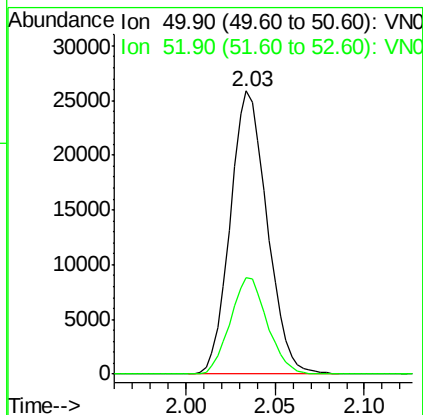
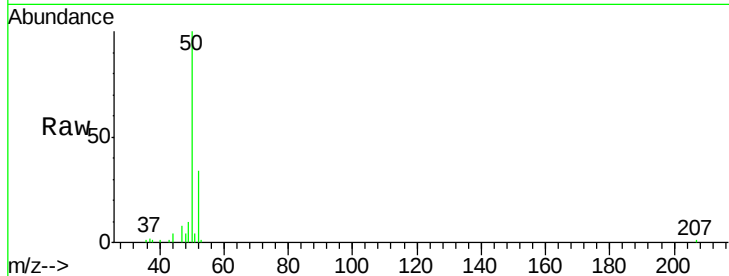
50 100

52 34.0 27.0 40.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 15.224 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062702.D

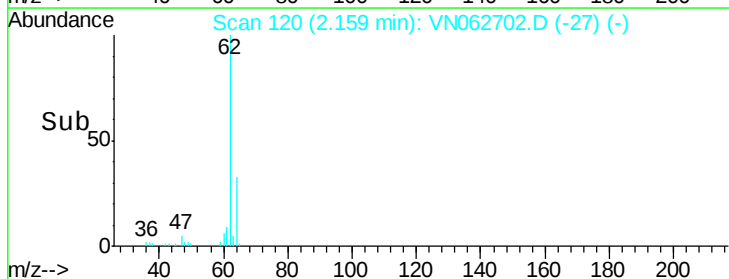
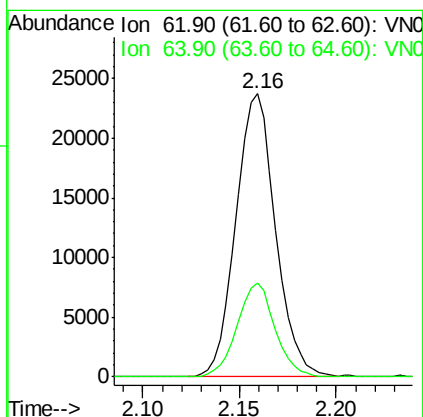
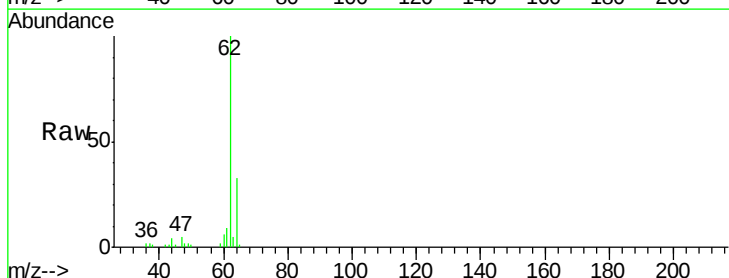
Acq: 31 Jul 2020 22:45

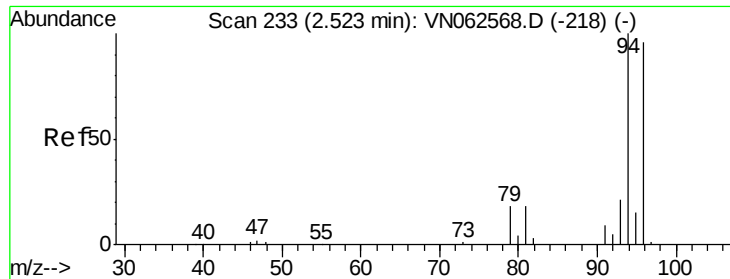
Tgt Ion: 62 Resp: 33833

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8





#5

Bromomethane

Concen: 20.589 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

Tot Ion: 94 Resp: 20267

Ion Ratio Lower Upper

94 100

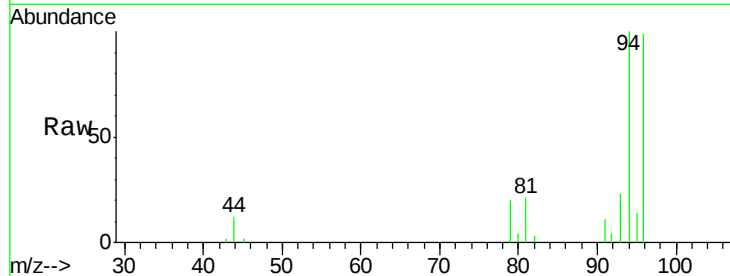
96 98.9 76.6 114.8

Manual Integrations

APPROVED

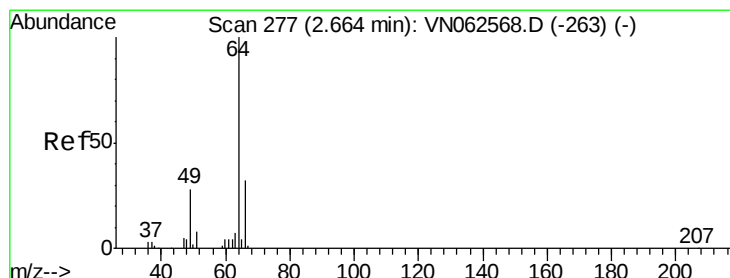
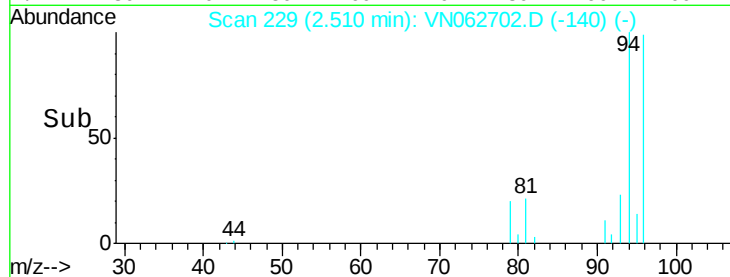
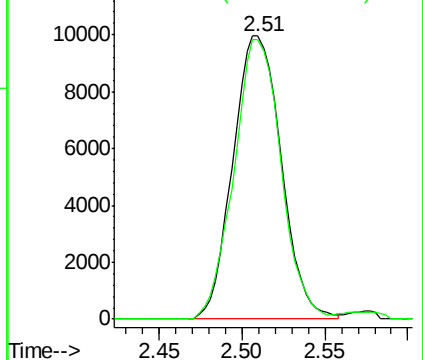
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.164 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062702.D

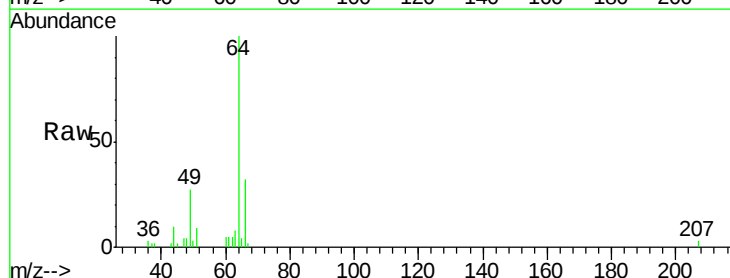
Acq: 31 Jul 2020 22:45

Tgt Ion: 64 Resp: 20271

Ion Ratio Lower Upper

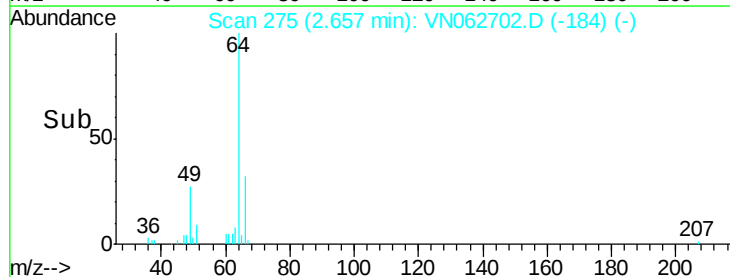
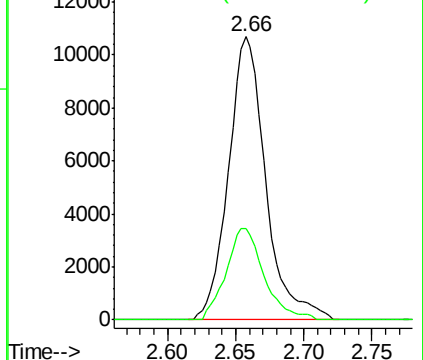
64 100

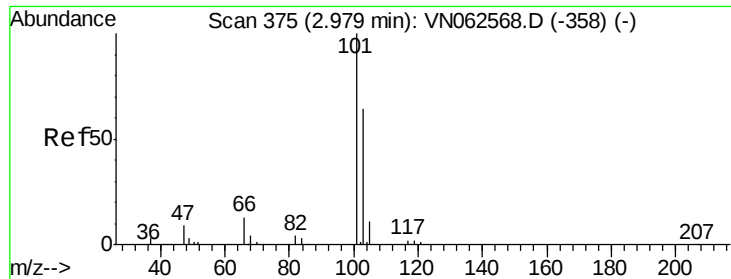
66 32.1 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

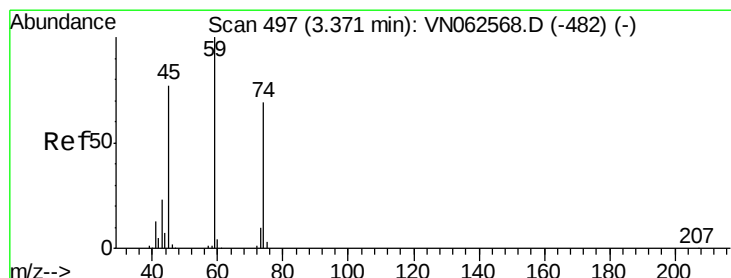
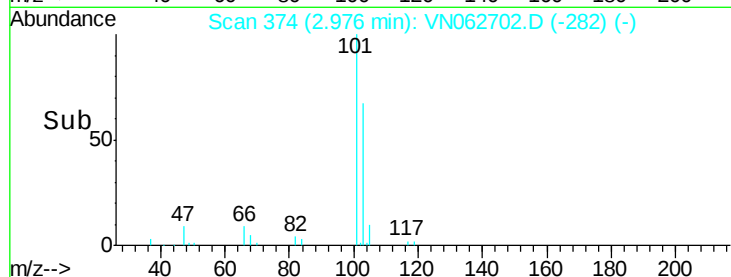
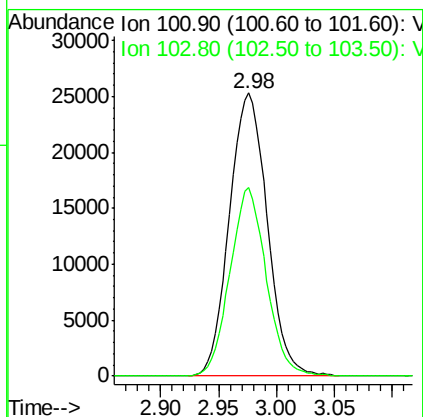
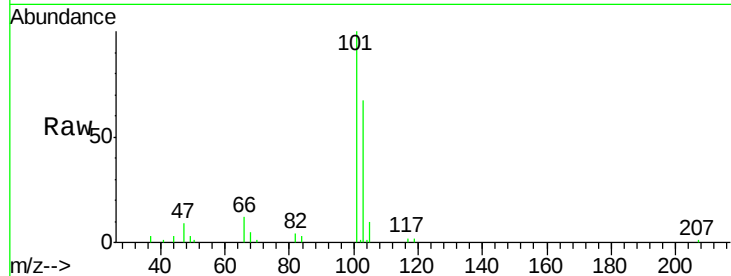
Trichlorofluoromethane
 Concen: 22.013 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.5	77.3

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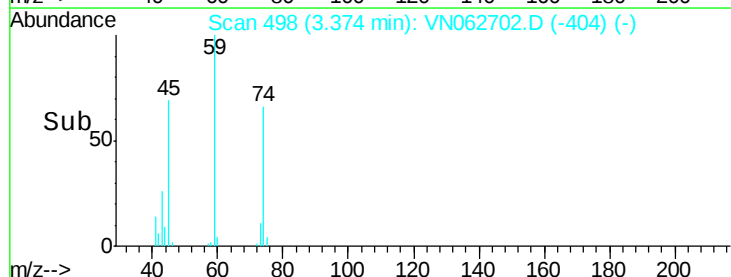
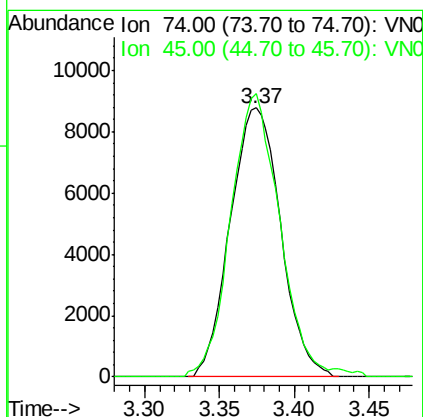
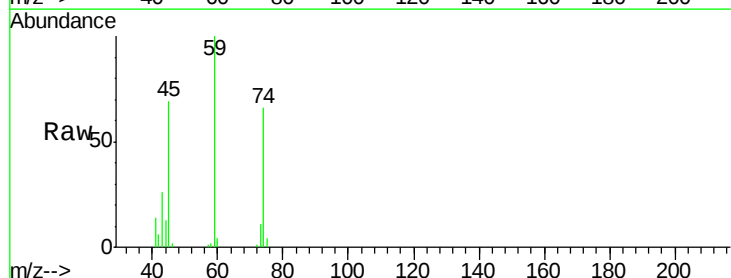
MMDadoda
 8/3/2020 5:03:17 PM

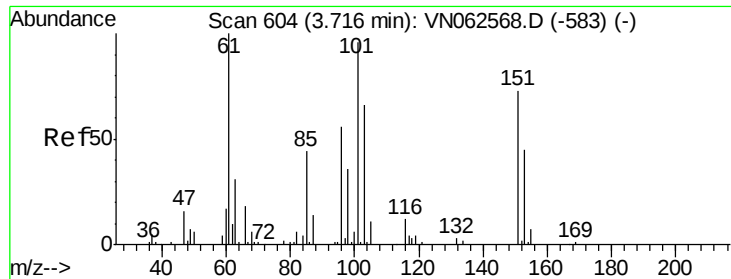


#8

Diethyl Ether
 Concen: 16.886 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.177 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

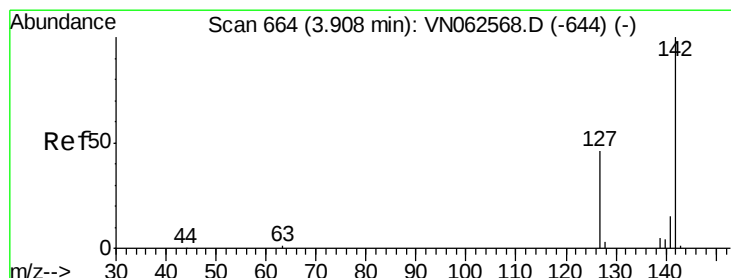
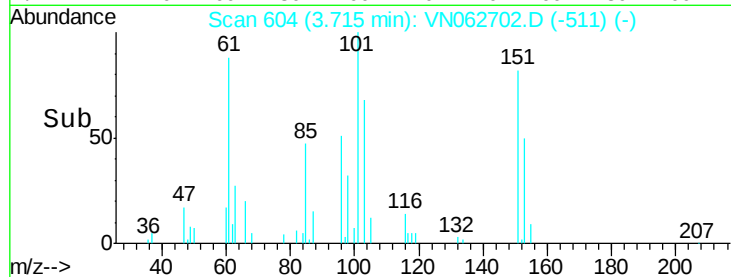
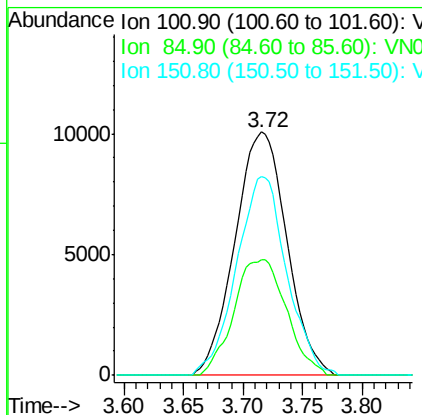
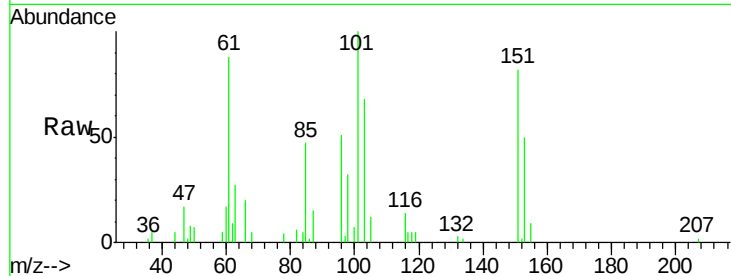
ClientSampled :

VN0731WBS02

Tot Ion:	101	Resp:	30410
Ion Ratio	Lower	Upper	
101	100		
85	48.1	36.0	54.0
151	78.8	60.0	90.0

Manual Integrations
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#10

Methyl Iodide

Concen: 17.099 ug/l

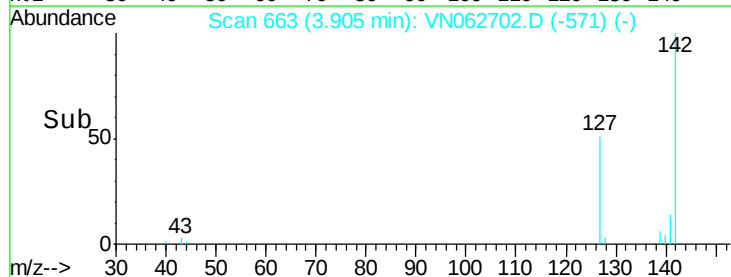
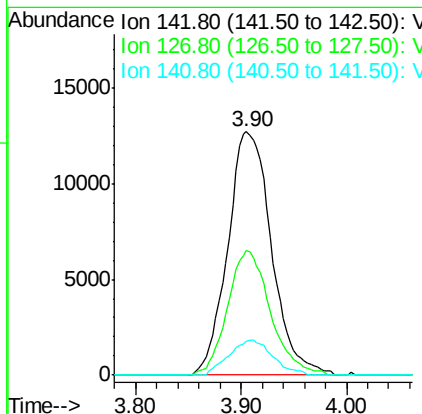
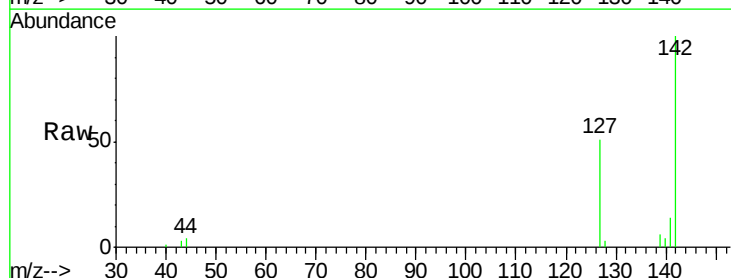
RT: 3.90 min Scan# 663

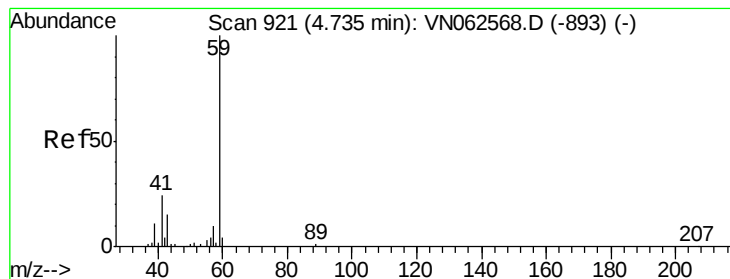
Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Tgt Ion:	142	Resp:	36571
Ion Ratio	Lower	Upper	
142	100		
127	50.2	37.4	56.0
141	14.4	11.9	17.9





#11

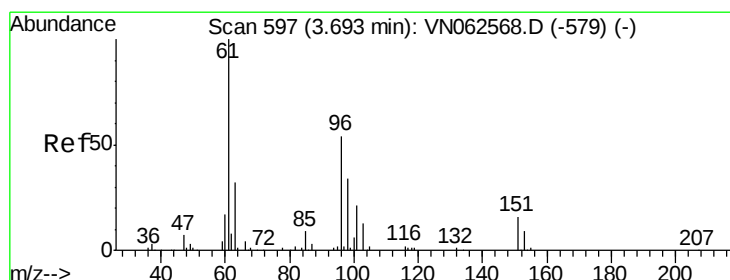
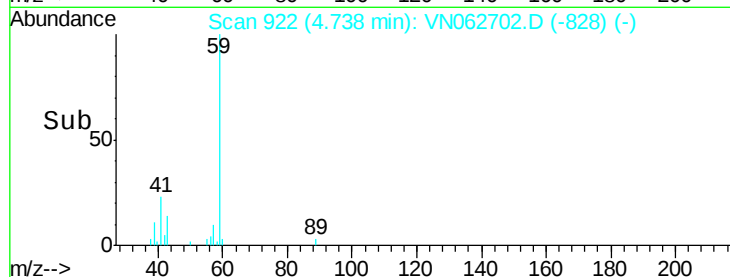
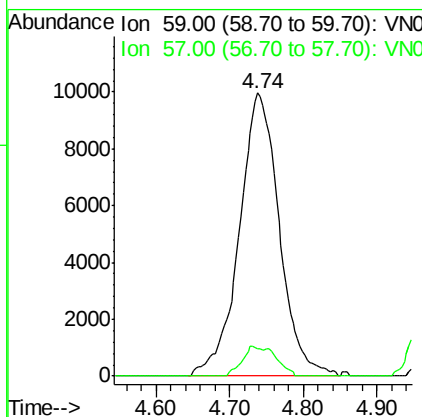
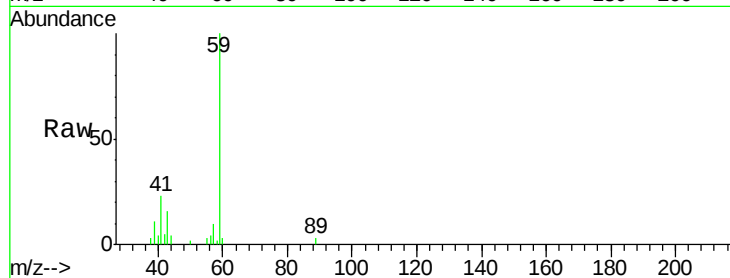
Tert butyl alcohol
 Concen: 96.028 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS02

Tot Ion	59	Resp	37604
Ion Ratio	100	Lower	Upper
57	5.1	8.2	12.2#

Manual Integrations
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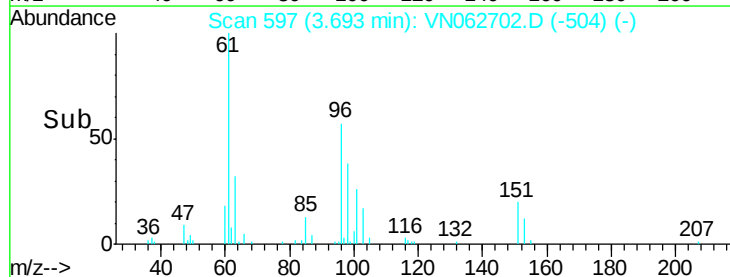
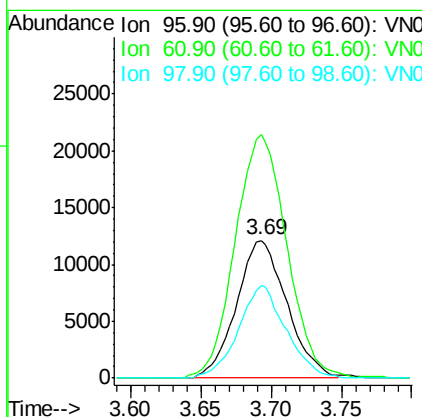
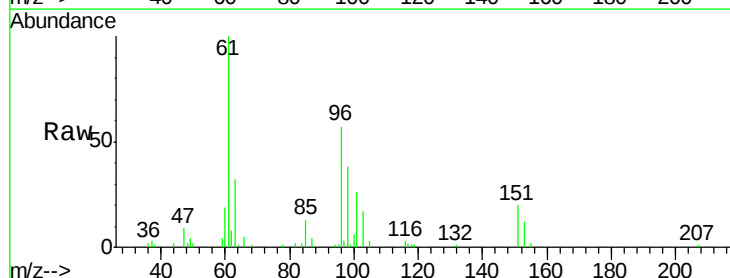
MMDadoda
 8/3/2020 5:03:17 PM

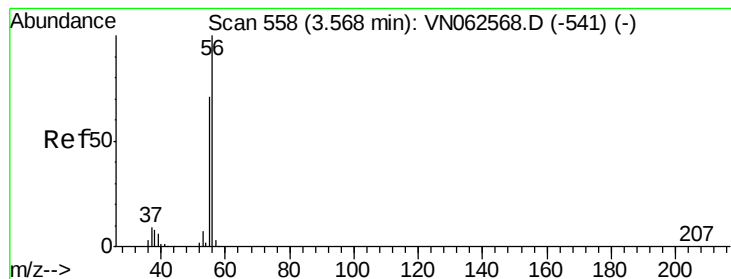


#12

1,1-Dichloroethene
 Concen: 17.803 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	96	Resp	30206
Ion Ratio	100	Lower	Upper
61	175.0	148.6	222.8
98	67.2	50.6	75.8





#13

Acrolein

Concen: 48.838 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

Tot Ion: 56 Resp: 17076

Ion Ratio Lower Upper

56 100

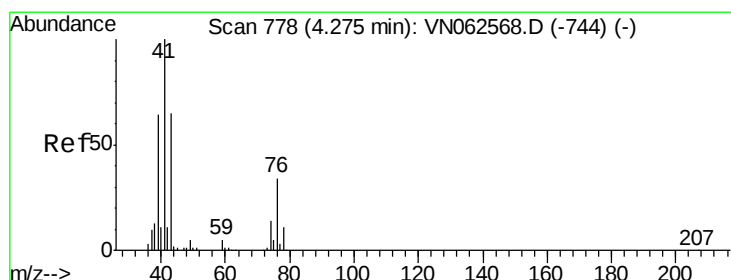
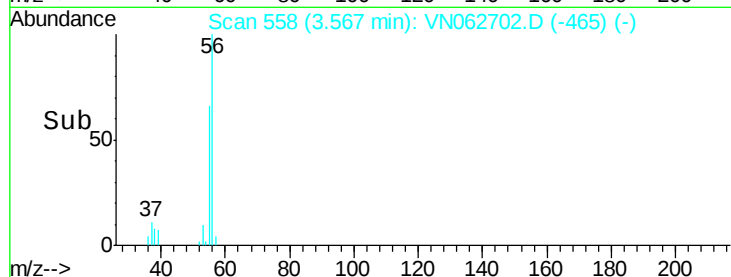
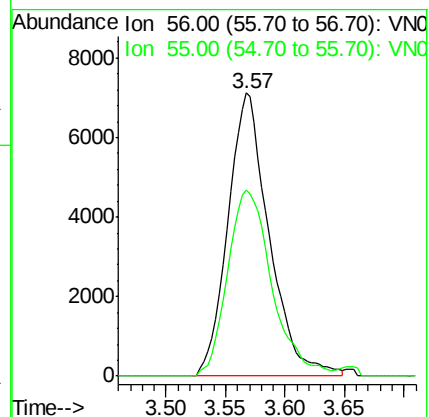
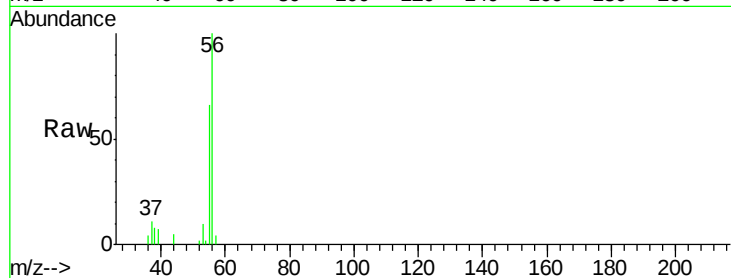
55 70.5 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 15.731 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

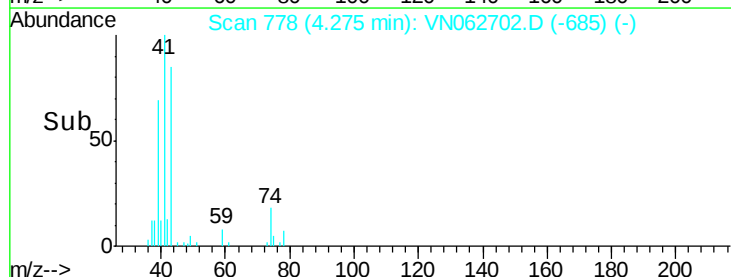
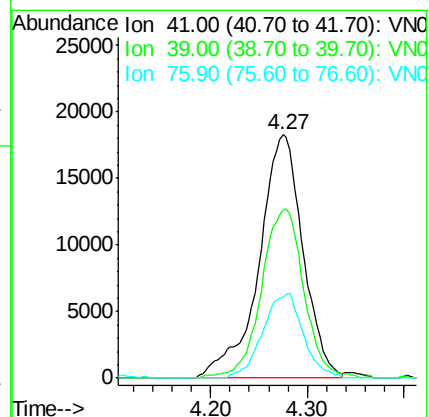
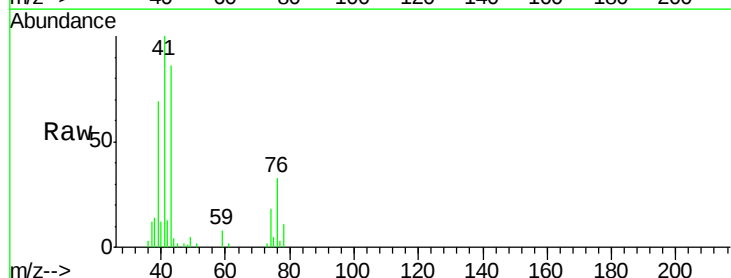
Tgt Ion: 41 Resp: 57735

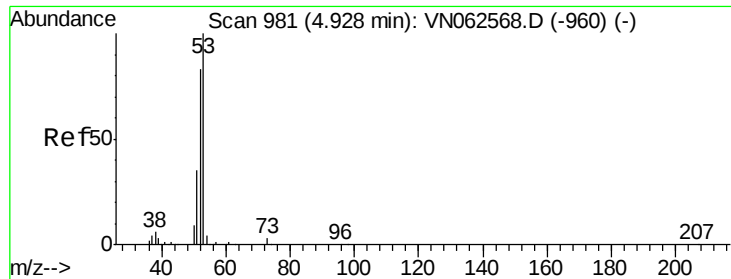
Ion Ratio Lower Upper

41 100

39 67.0 49.0 73.4

76 31.9 24.0 36.0





#15

Acrylonitrile

Concen: 87.762 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

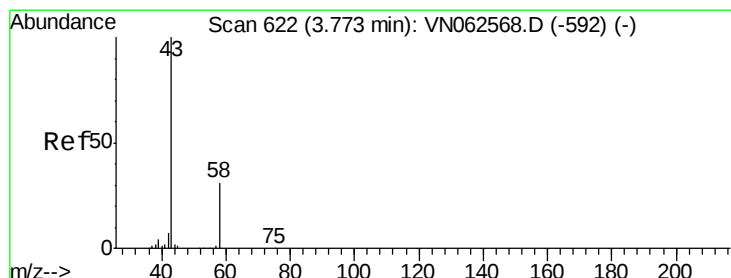
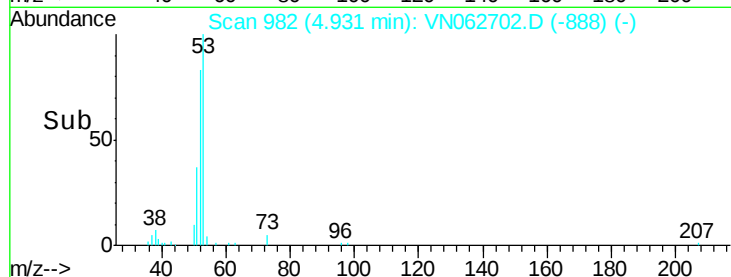
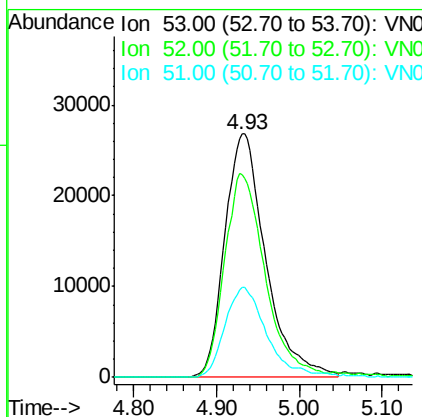
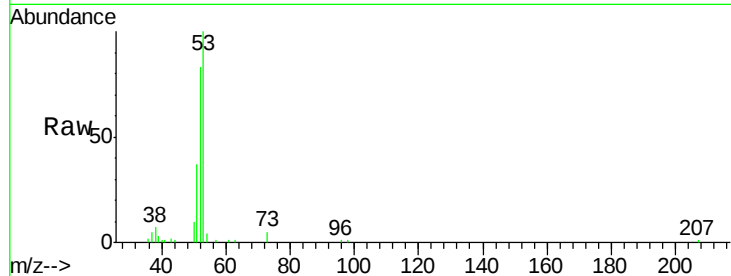
ClientSampleId :

VN0731WBS02

Tot Ion:	53	Resp:	92051
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.3	99.5
51	37.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 87.748 ug/l

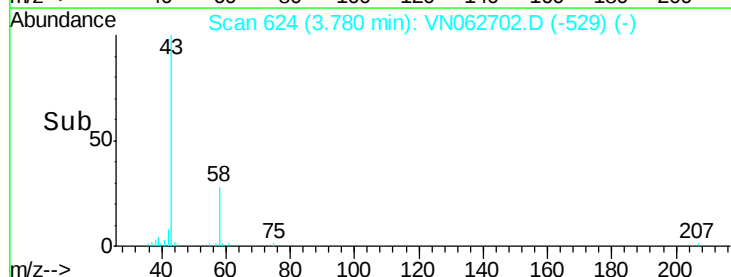
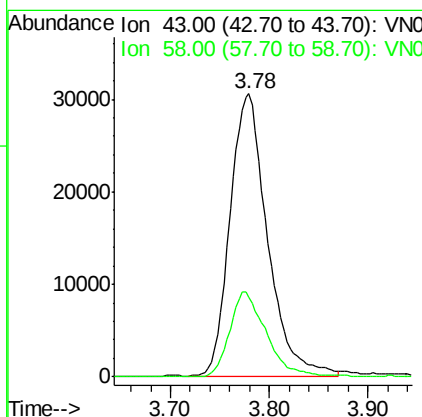
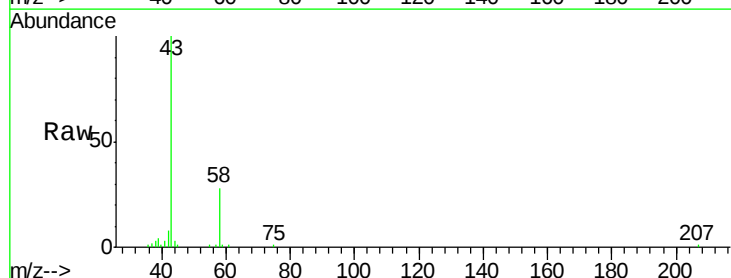
RT: 3.78 min Scan# 624

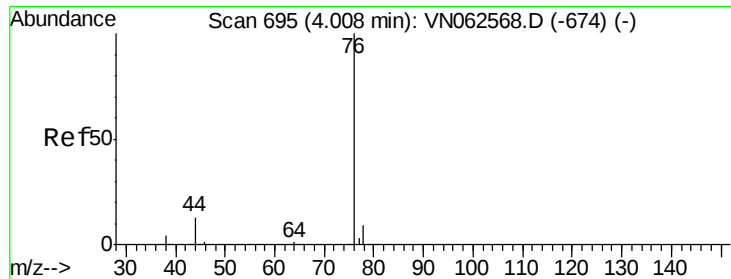
Delta R.T. 0.01 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Tgt Ion:	43	Resp:	81283
Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.6	37.0





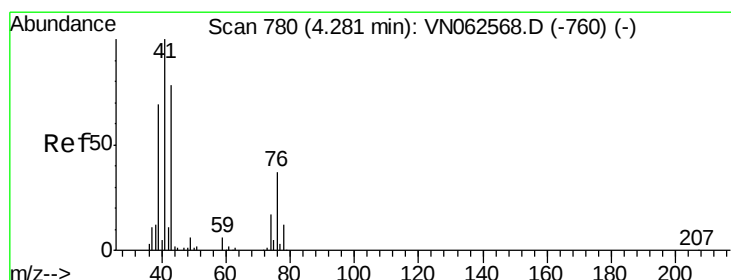
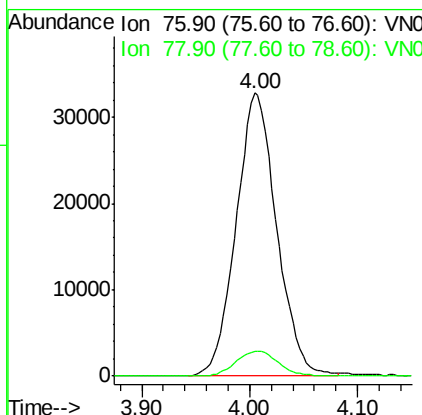
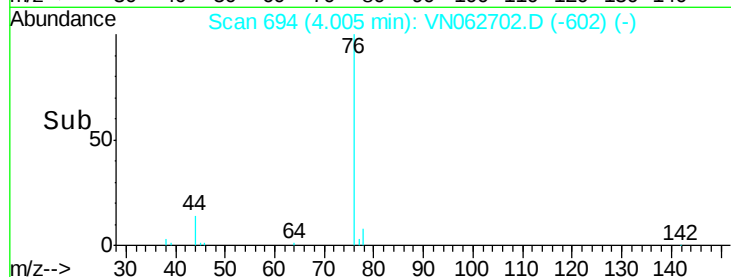
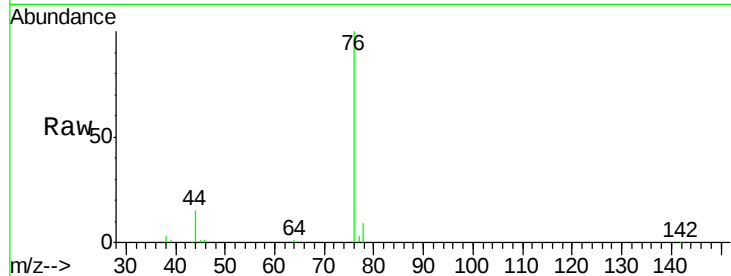
#17
Carbon Disulfide
Concen: 15.391 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

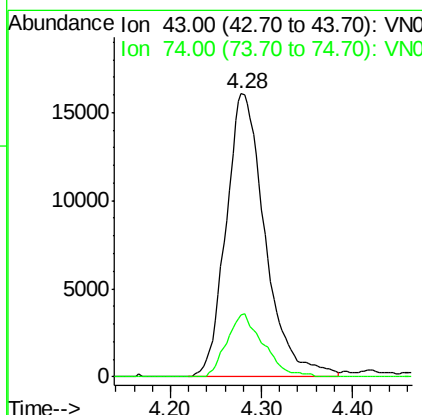
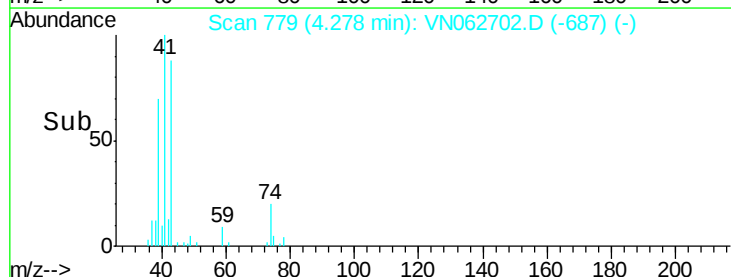
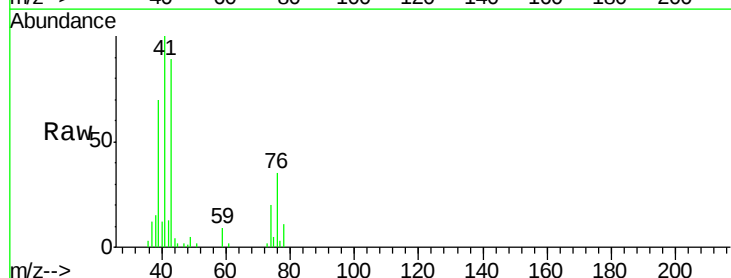
Manual Integrations
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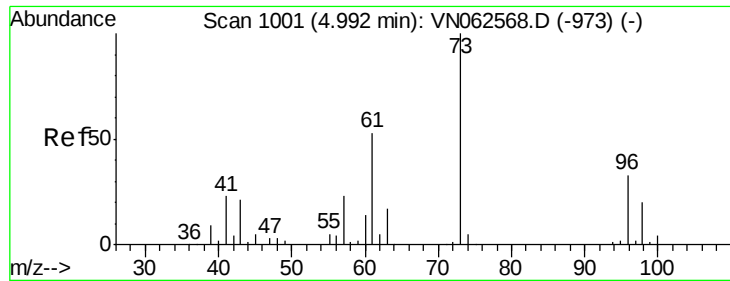
MMDadoda
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#18
Methyl Acetate
Concen: 20.464 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.6	24.8





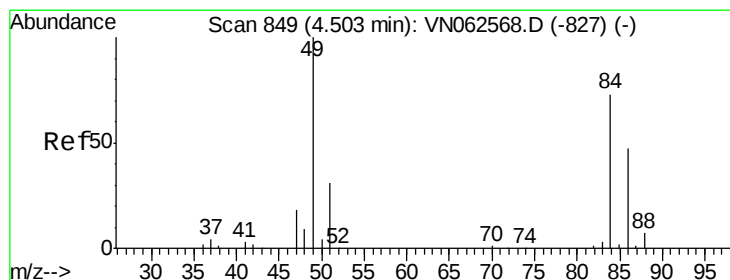
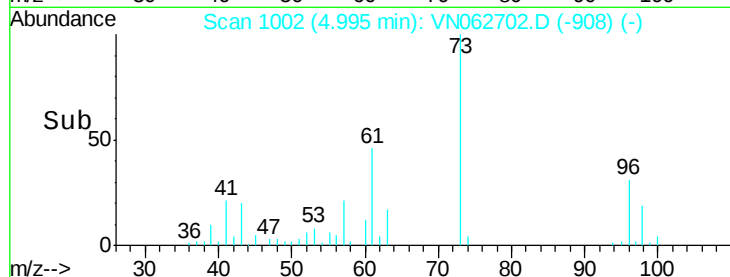
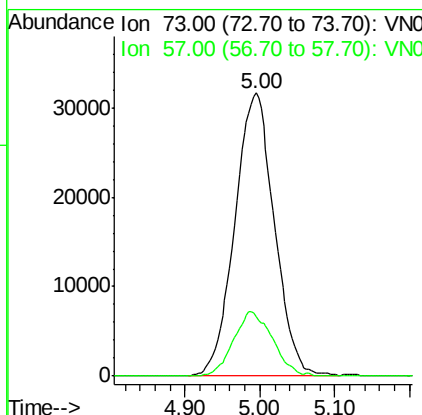
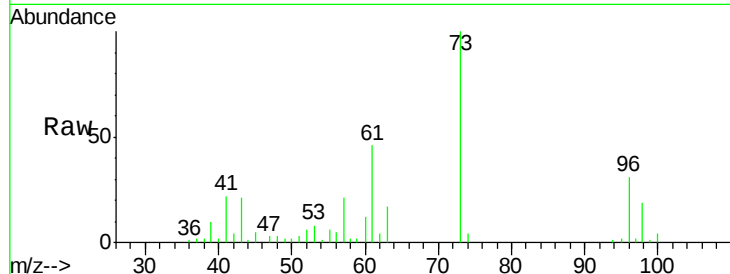
#19
Methvl tert-butvl Ether
Concen: 18.659 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion: 73 Resp: 116525
Ion Ratio Lower Upper
73 100
57 21.2 18.6 27.8

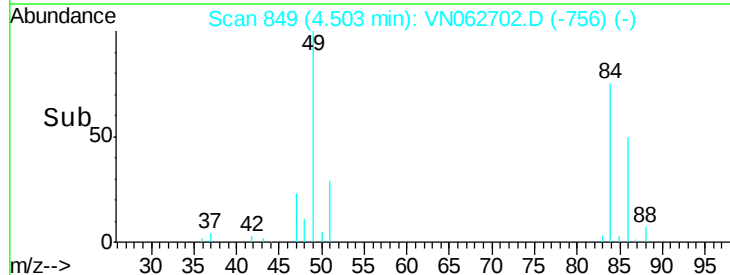
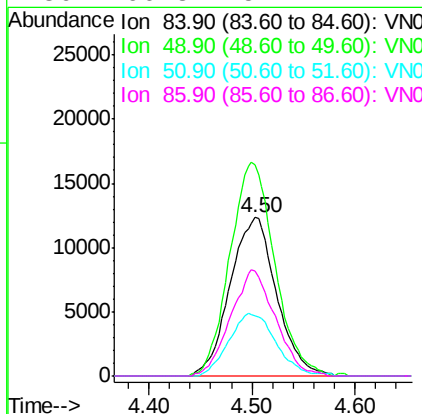
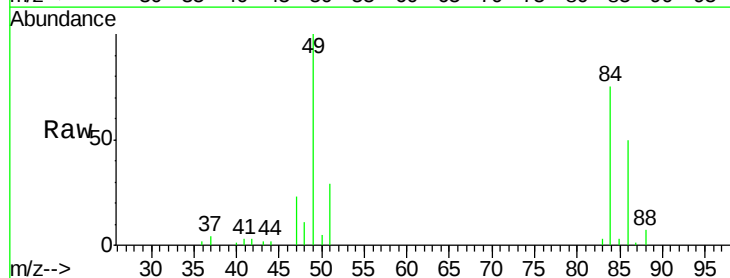
Manual Integrations
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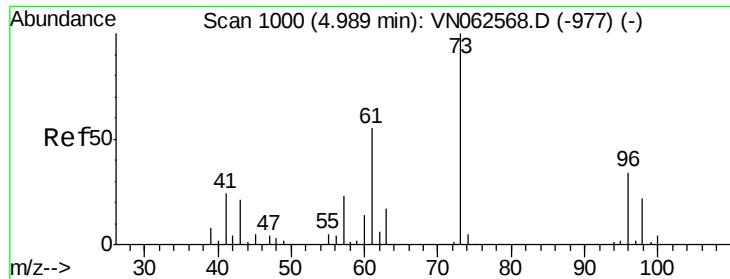
MMDadoda
8/3/2020 5:03:17 PM



#20
Methylene Chloride
Concen: 17.398 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 84 Resp: 38654
Ion Ratio Lower Upper
84 100
49 133.1 109.4 164.0
51 38.3 33.6 50.4
86 66.3 51.4 77.2





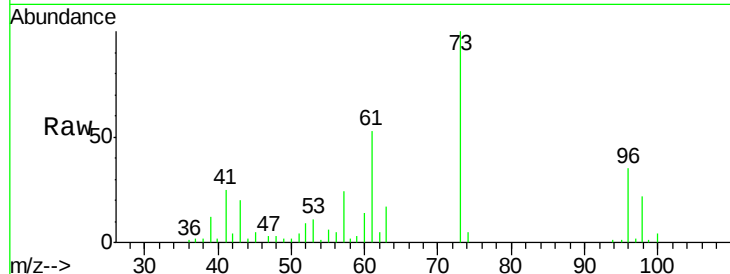
#21
trans-1,2-Dichloroethene
Concen: 17.502 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	128.6	192.8
98	62.4	50.6	76.0

Manual Integrations
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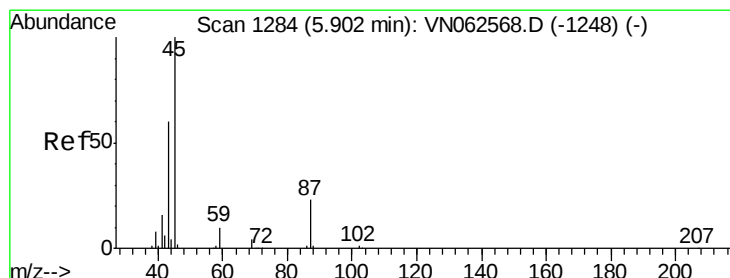
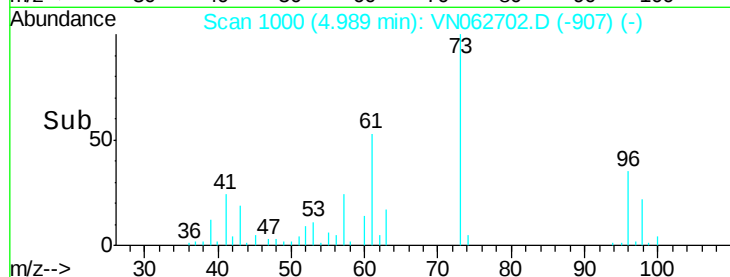
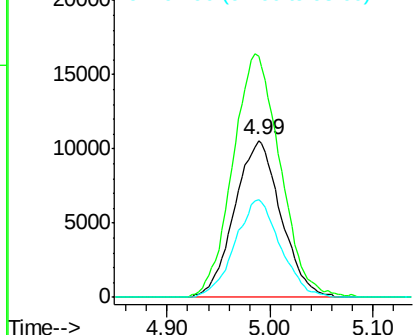


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22
Diisopropyl ether
Concen: 16.899 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.8	48.7	73.1
87	26.3	19.0	28.6
59	12.4	8.6	13.0

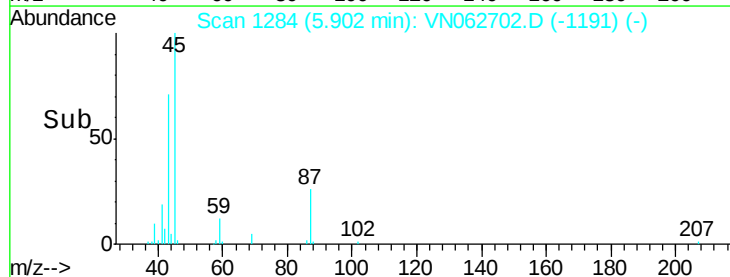
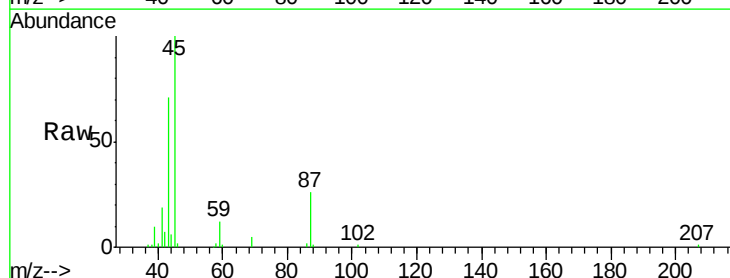
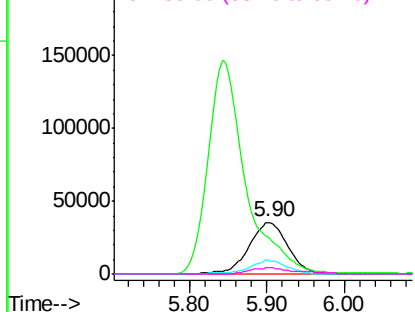
Abundance

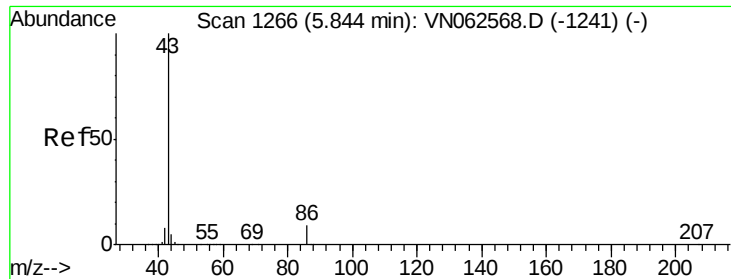
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 83.395 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

Tot Ion: 43 Resp: 498503

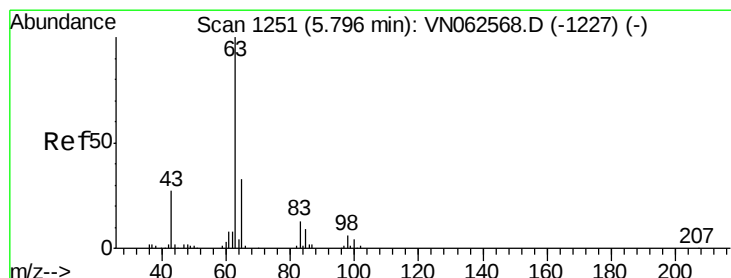
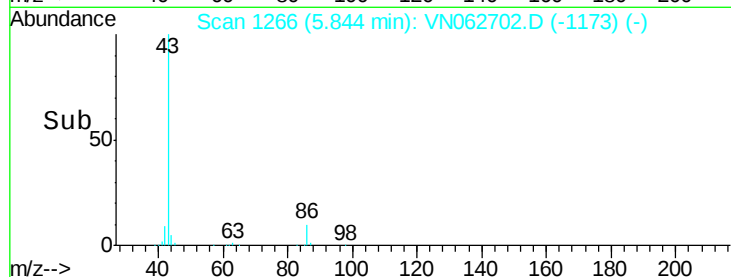
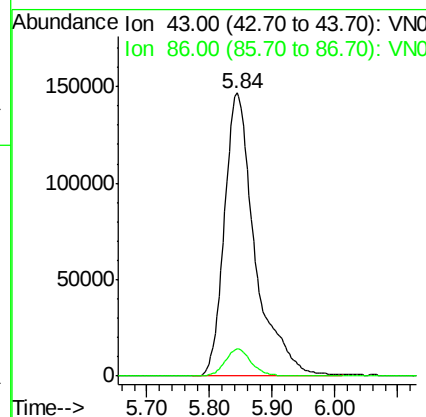
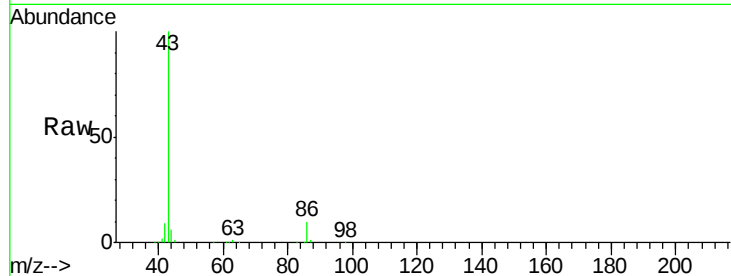
Ion Ratio Lower Upper

43 100

86 9.6 6.9 10.3

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 17.713 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

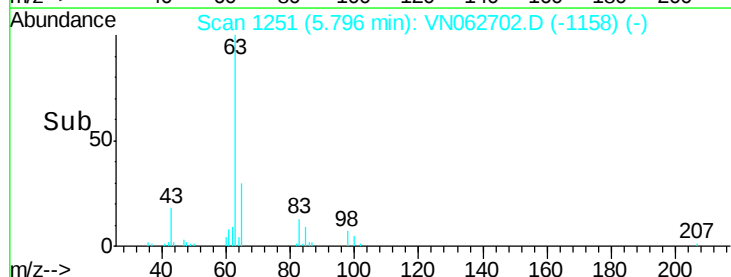
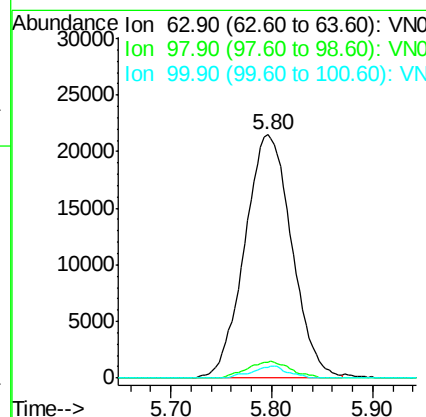
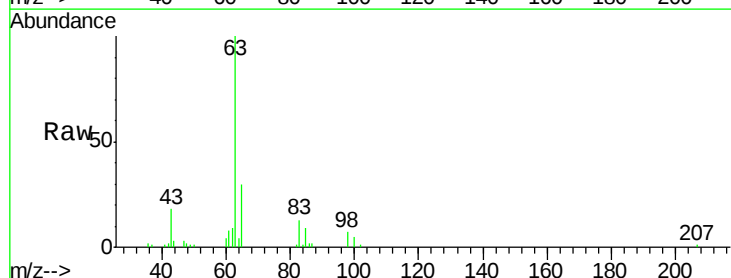
Tgt Ion: 63 Resp: 69587

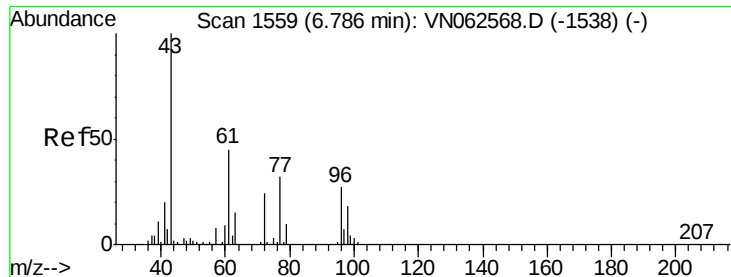
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 4.6 1.8 5.4





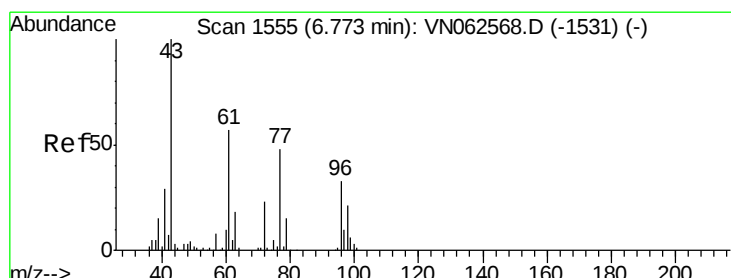
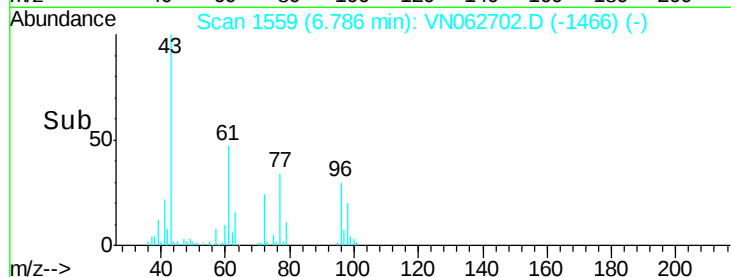
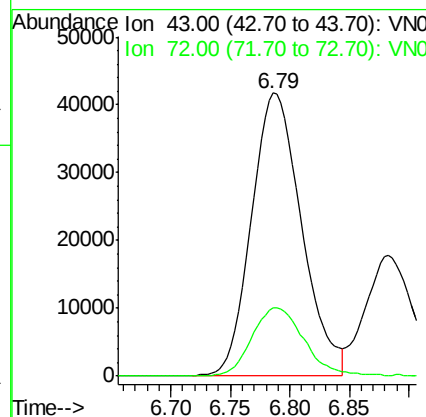
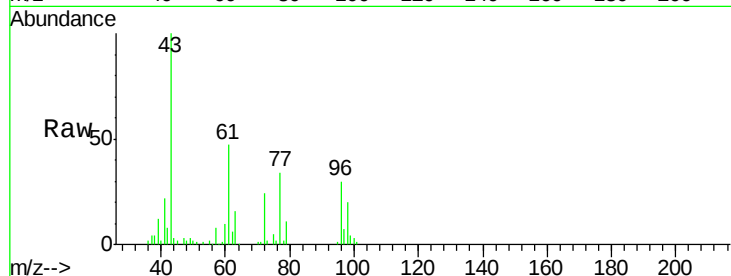
#25
2-Butanone
Concen: 86.464 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion: 43 Resp: 121980
Ion Ratio Lower Upper
43 100
72 24.0 19.0 28.6

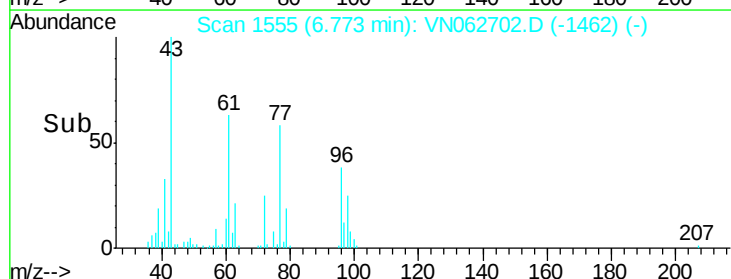
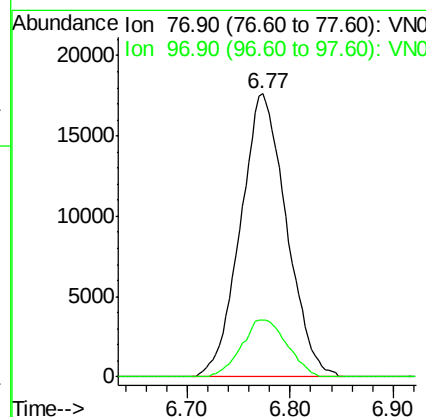
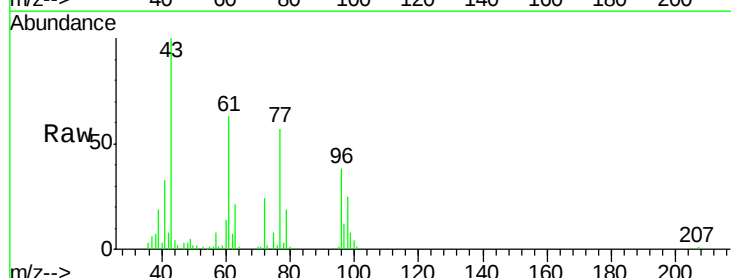
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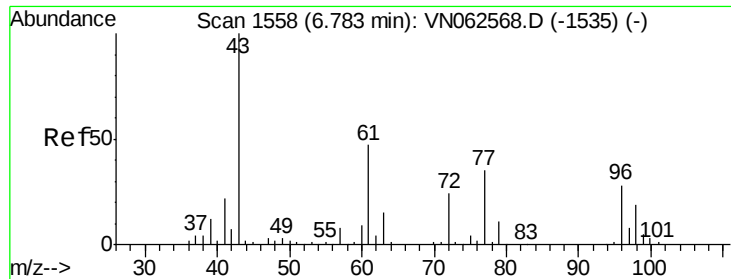
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8/3/2020 5:03:17 PM



#26
2,2-Dichloropropane
Concen: 16.947 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 77 Resp: 54653
Ion Ratio Lower Upper
77 100
97 19.9 10.8 32.4





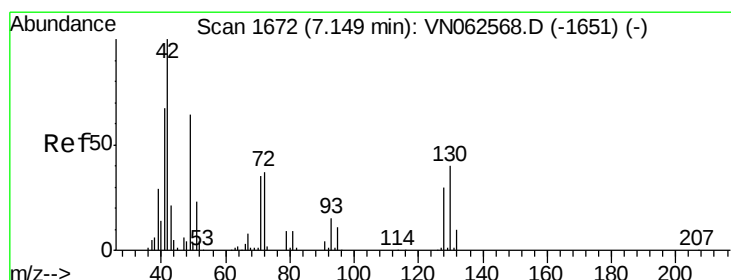
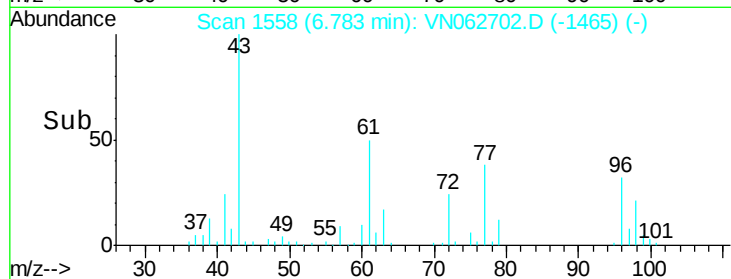
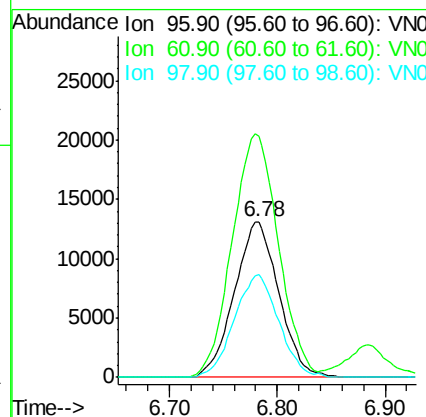
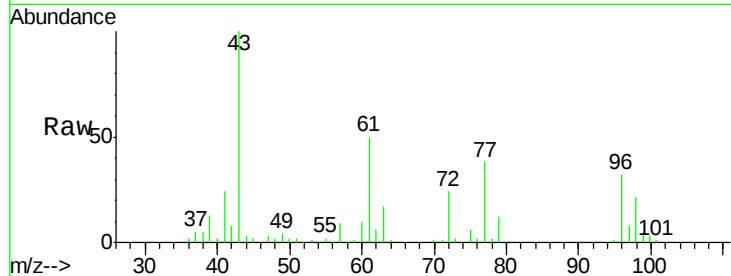
#27
 cis-1,2-Dichloroethene
 Concen: 17.443 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.9	0.0	332.4
98	66.1	0.0	127.4

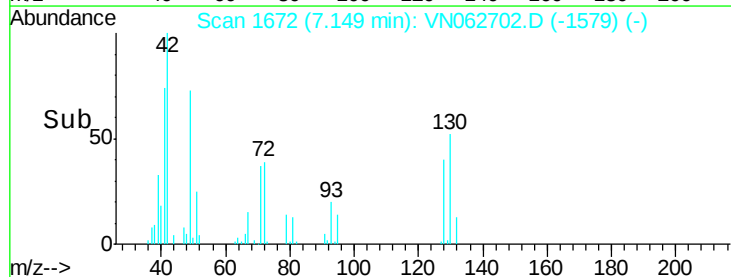
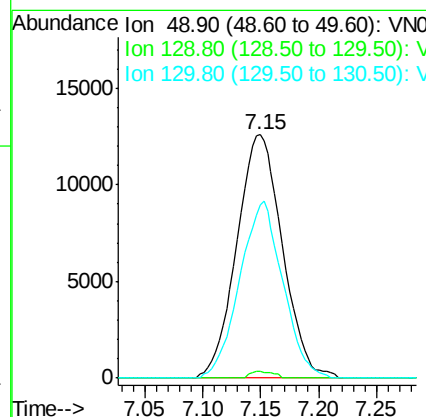
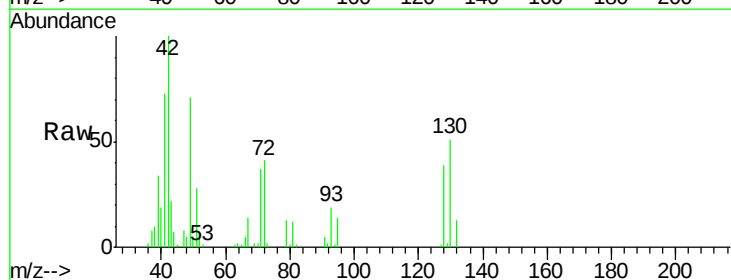
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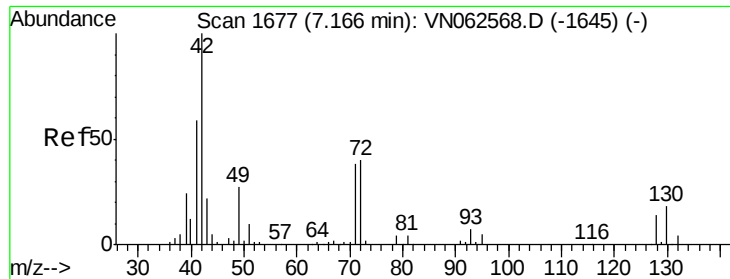
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#28
 Bromochloromethane
 Concen: 17.838 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.4
130	68.6	49.8	74.8





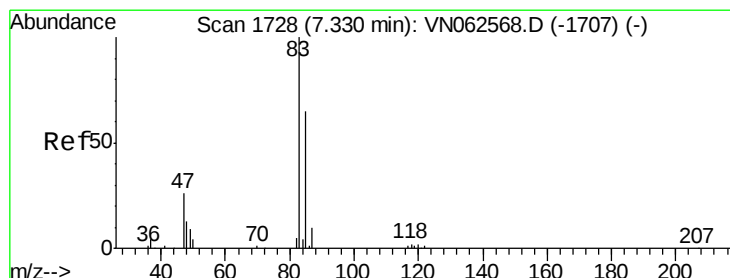
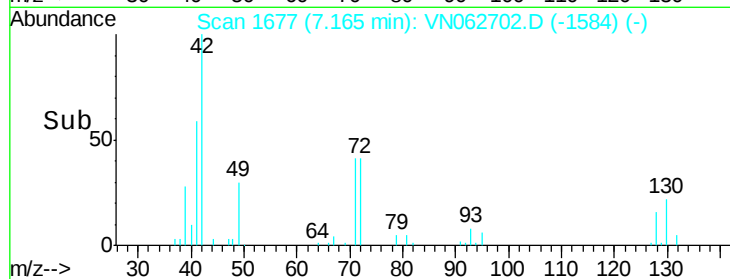
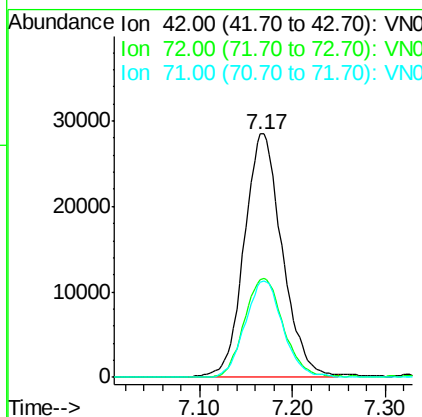
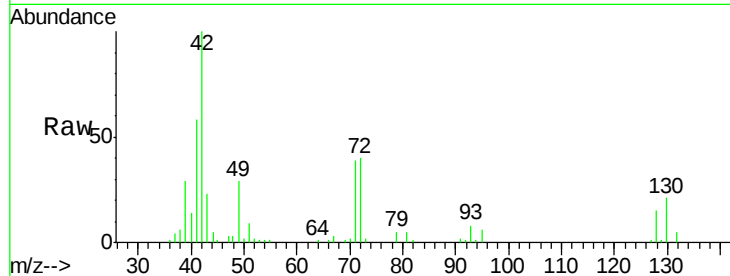
#29
Tetrahydrofuran
Concen: 84.998 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	30.7	46.1
71	39.2	29.1	43.7

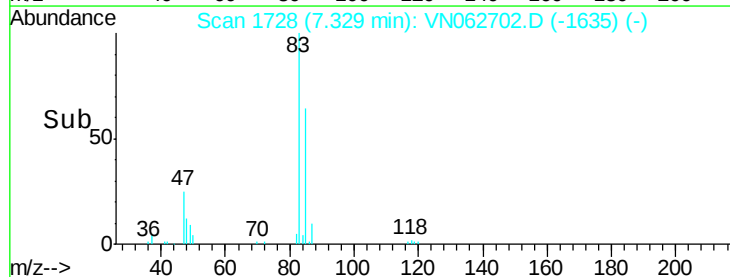
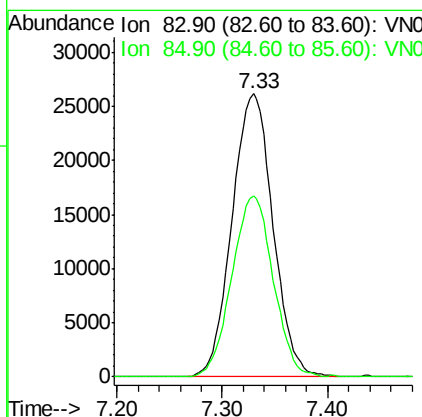
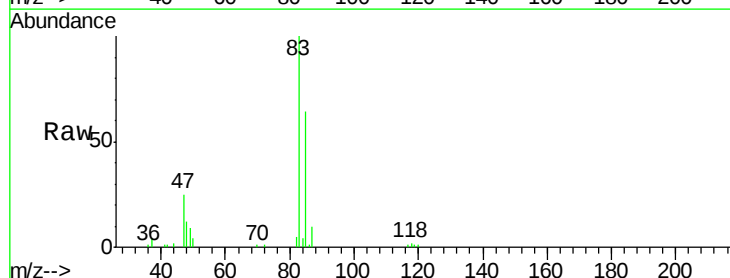
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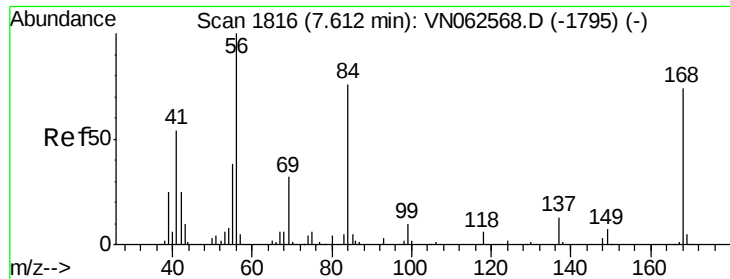
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8/3/2020 5:03:17 PM



#30
Chloroform
Concen: 18.872 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.0	78.0





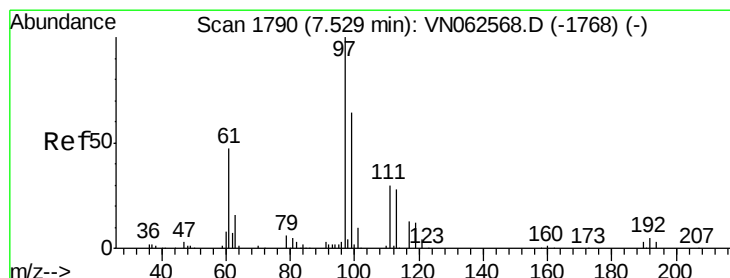
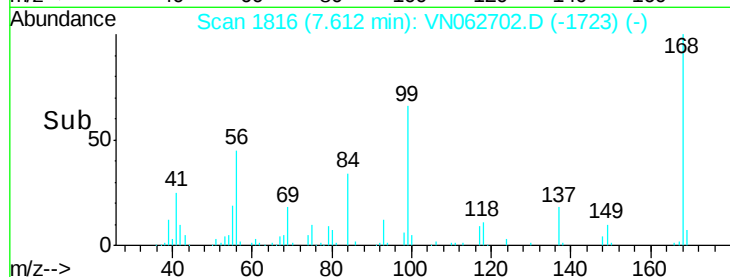
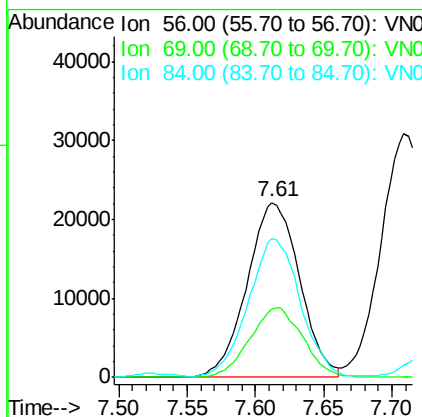
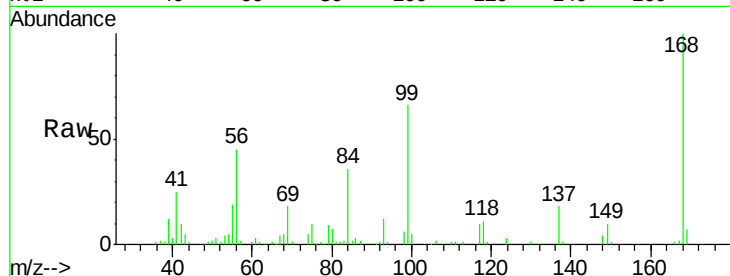
#31
Cyclohexane
Concen: 16.336 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.9	25.3	37.9#
84	79.6	61.0	91.4

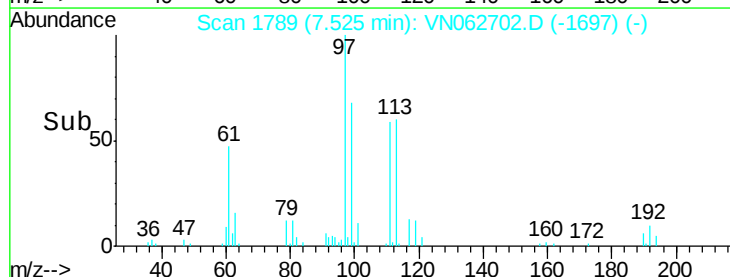
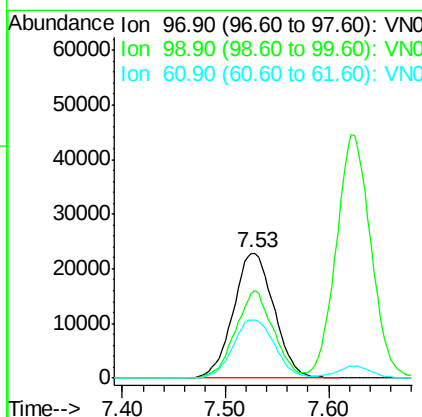
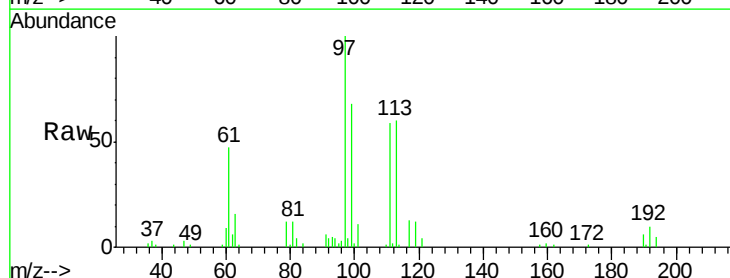
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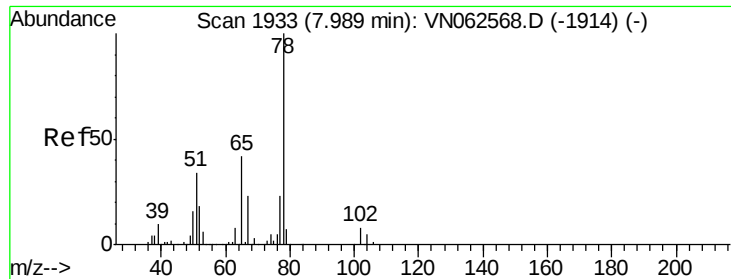
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8/3/2020 5:03:17 PM



#32
1,1,1-Trichloroethane
Concen: 20.072 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.2	76.8
61	47.8	38.4	57.6





#33

1,2-Dichloroethane-d4

Concen: 54.321 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

Tot Ion: 65 Resp: 133717

Ion Ratio Lower Upper

65 100

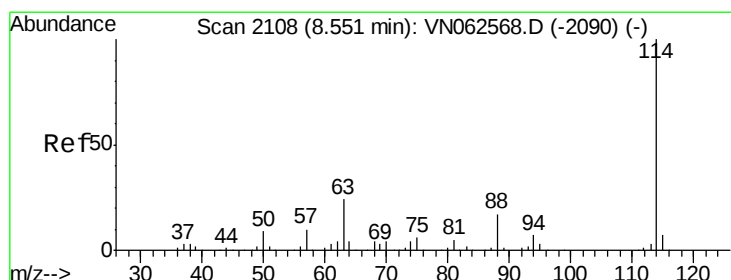
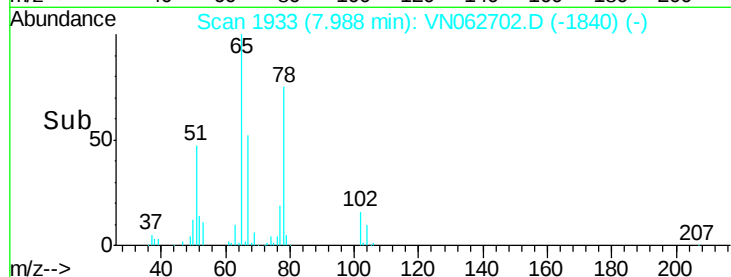
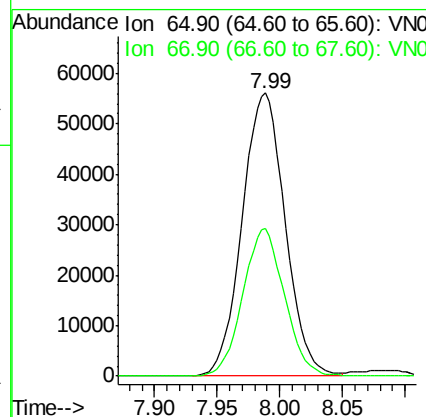
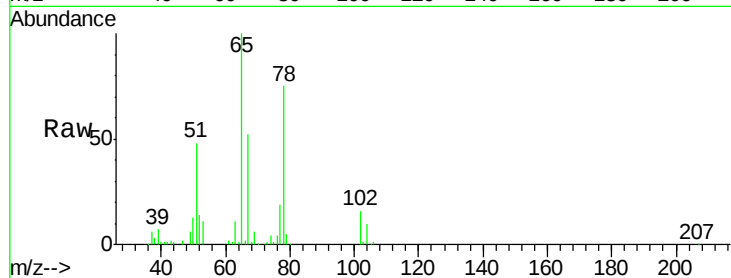
67 50.3 0.0 106.0

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8/3/2020 5:03:17 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

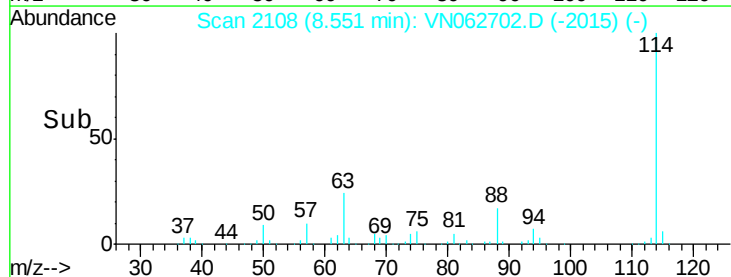
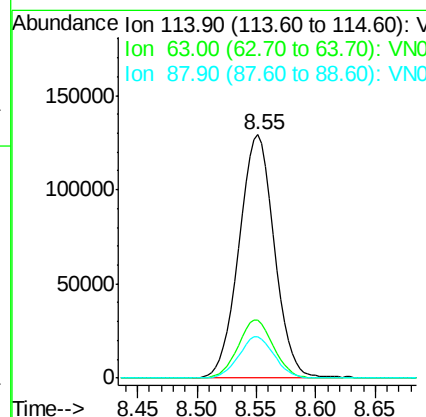
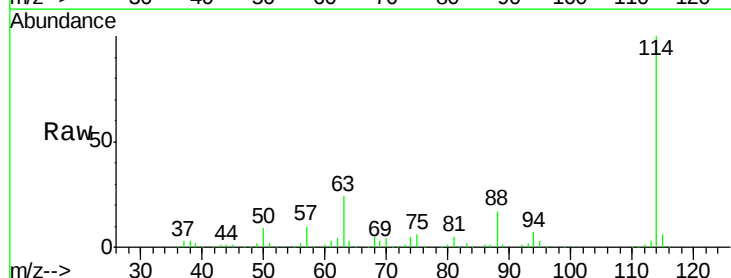
Tgt Ion: 114 Resp: 266671

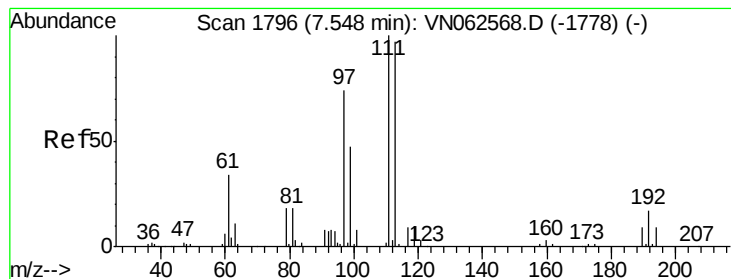
Ion Ratio Lower Upper

114 100

63 23.6 0.0 48.4

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.452 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

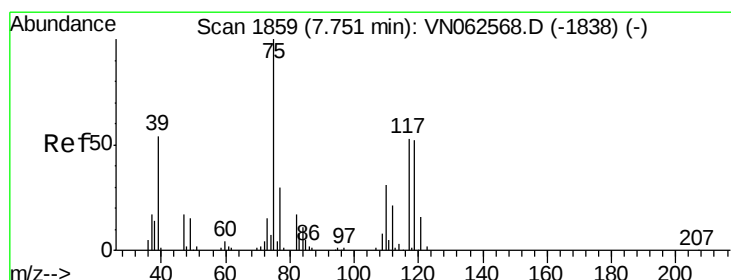
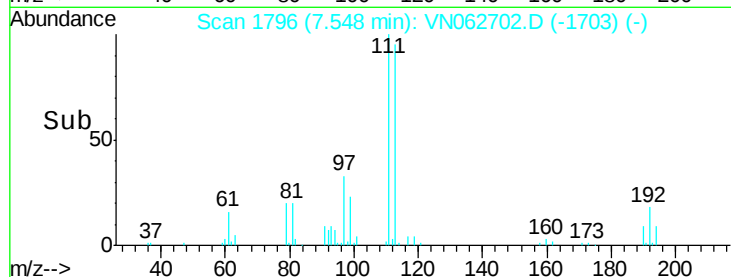
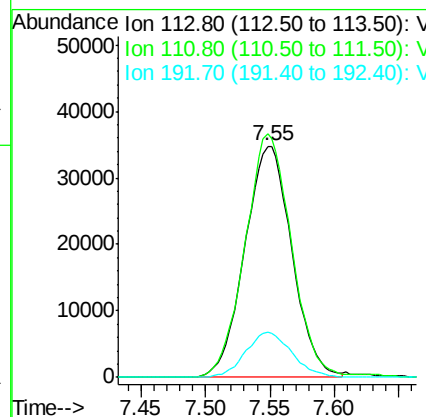
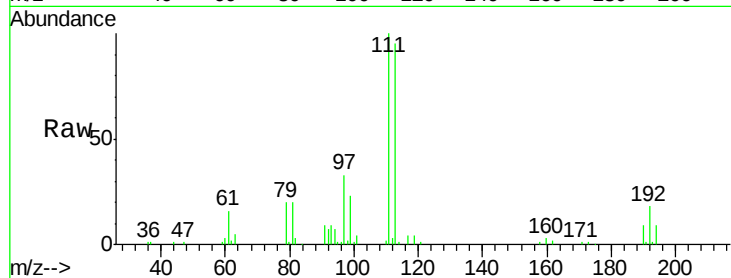
ClientSampleId :

VN0731WBS02

Tot Ion:	113	Resp:	88374
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.7	124.1
192	19.1	14.8	22.2

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8/3/2020 5:03:17 PM



#36

1,1-Dichloropropene

Concen: 17.788 ug/l

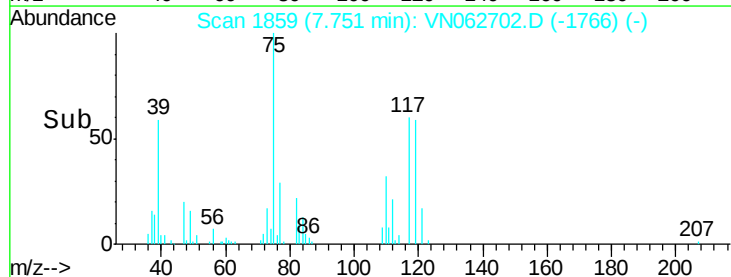
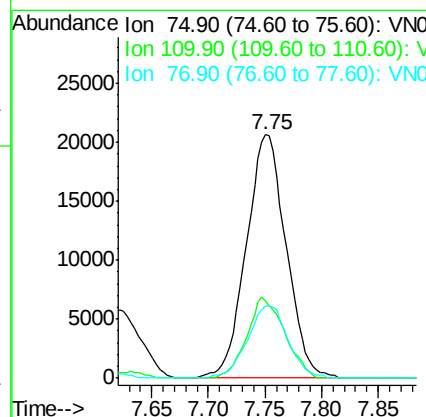
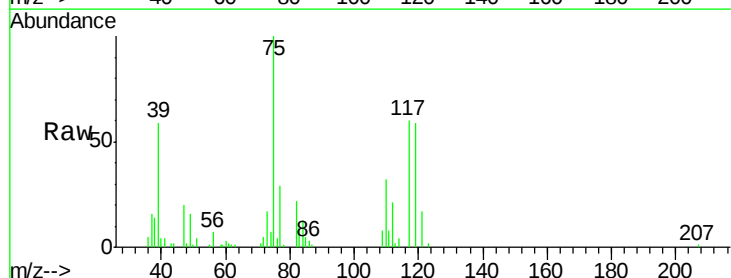
RT: 7.75 min Scan# 1859

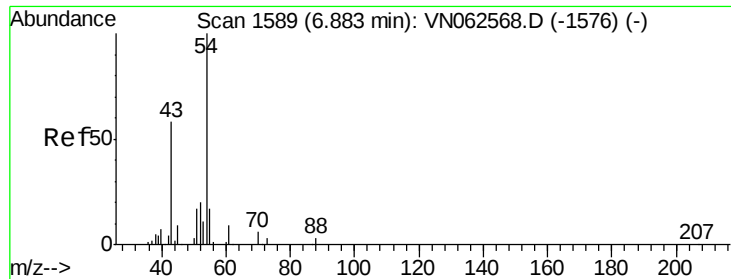
Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Tgt Ion:	75	Resp:	50562
Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.0	48.0
77	30.1	24.6	36.8





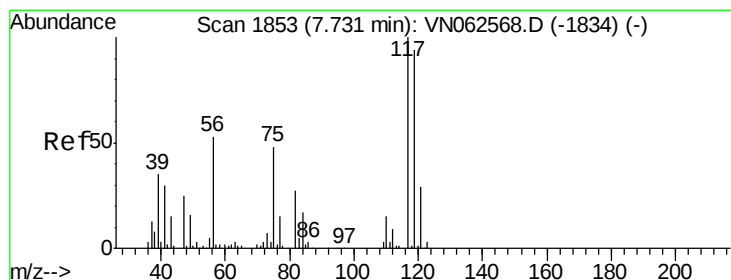
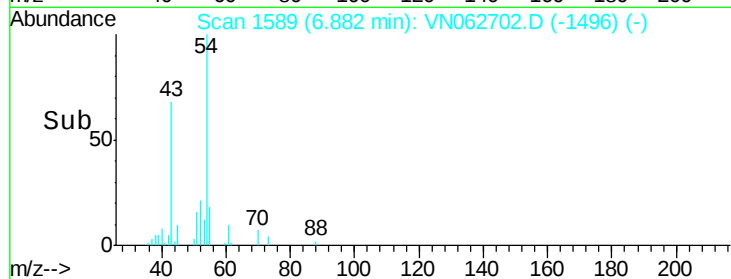
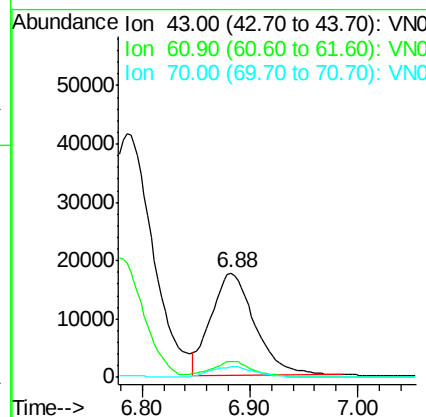
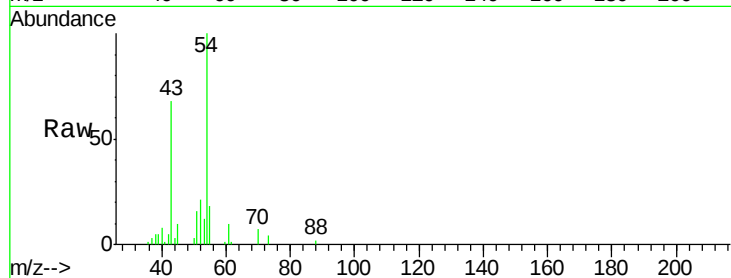
#37
Ethyl Acetate
Concen: 16.231 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.3	16.9
70	10.9	7.7	11.5

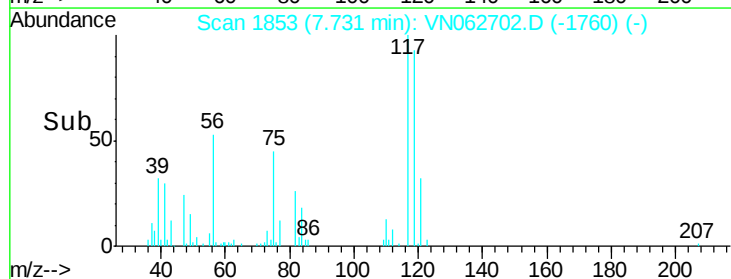
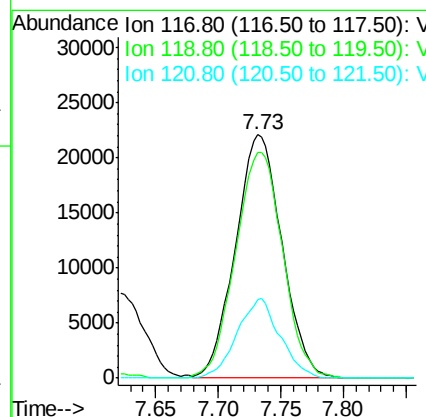
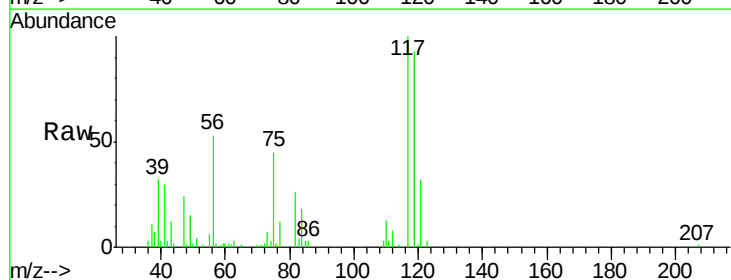
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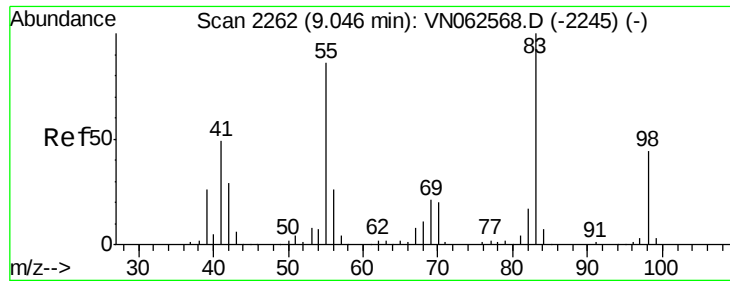
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8/3/2020 5:03:17 PM



#38
Carbon Tetrachloride
Concen: 20.857 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.8	112.2
121	32.2	23.0	34.6





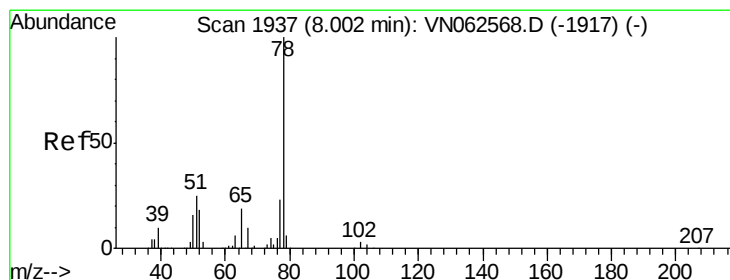
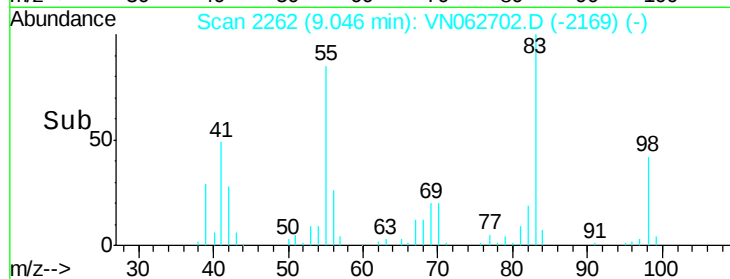
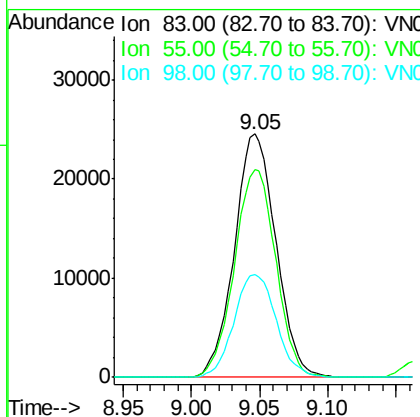
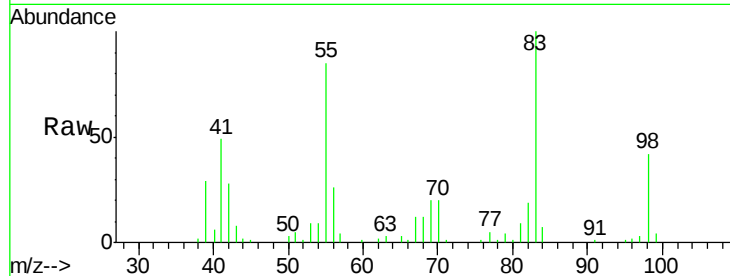
#39
Methvlcvclohexane
Concen: 16.968 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.3	68.9	103.3
98	42.1	35.1	52.7

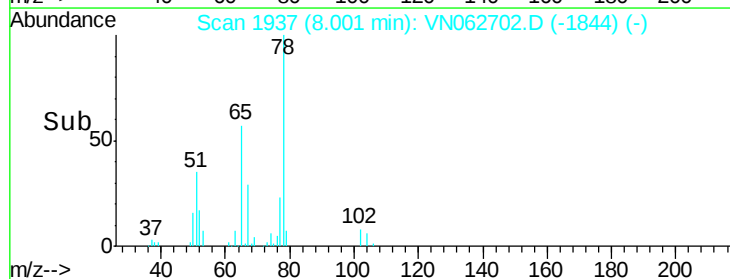
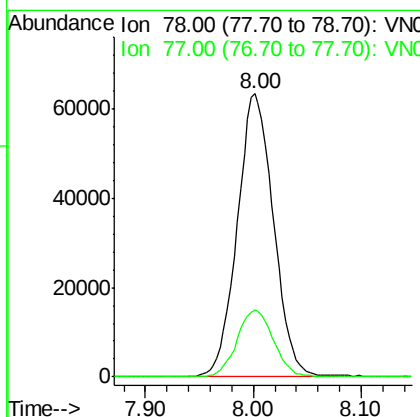
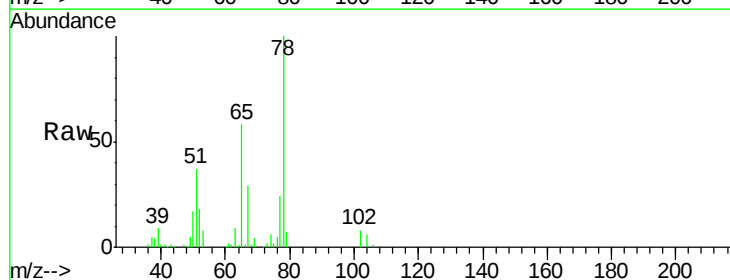
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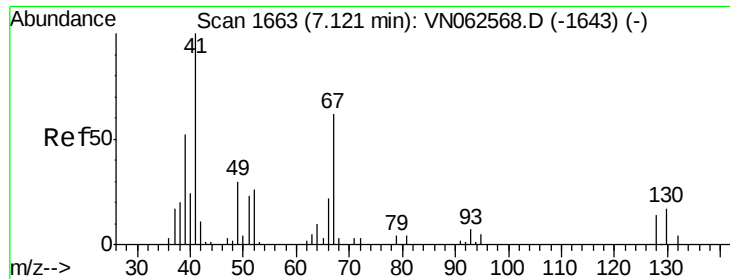
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8/3/2020 5:03:17 PM



#40
Benzene
Concen: 17.237 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





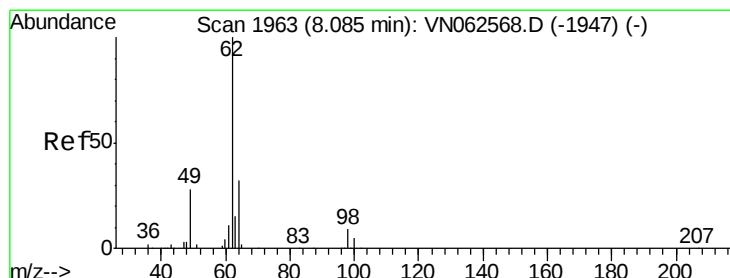
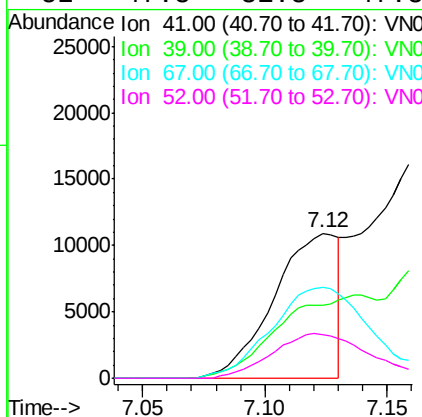
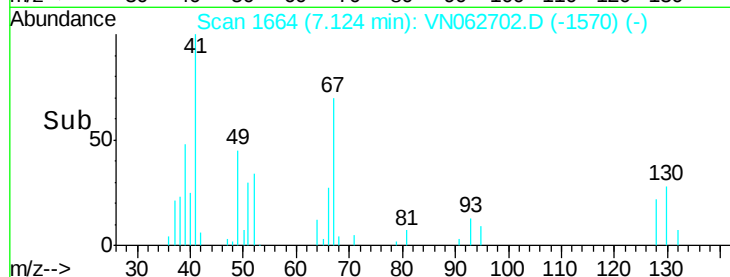
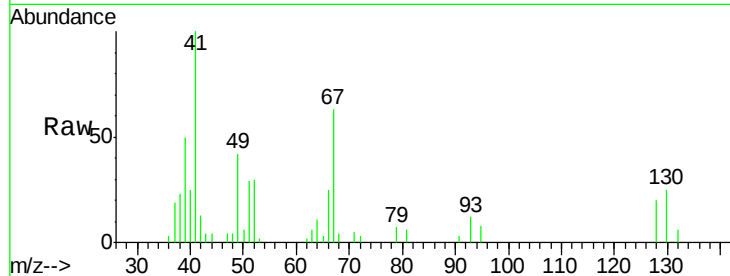
#41
Methacrylonitrile
Concen: 15.201 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	84.6	55.8	83.6#	
67	98.6	72.5	108.7	
52	47.8	31.8	47.8#	

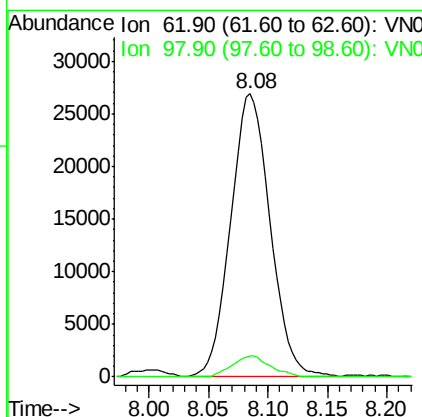
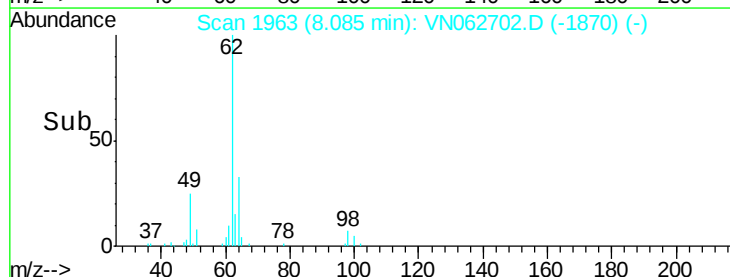
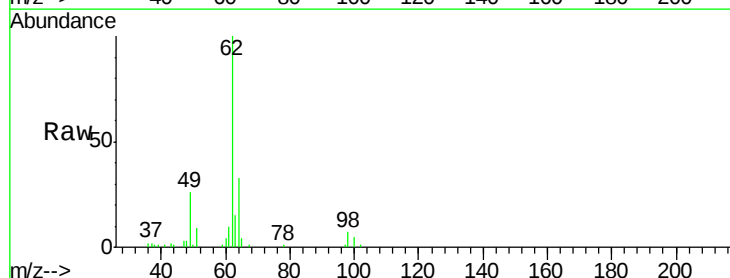
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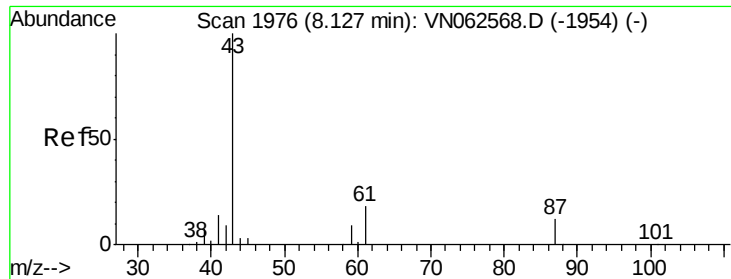
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#42
1,2-Dichloroethane
Concen: 19.701 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.1	0.0	16.2	





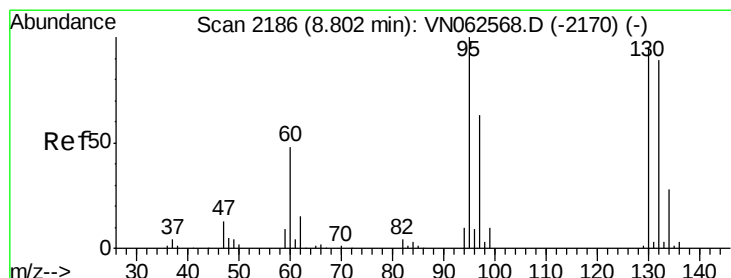
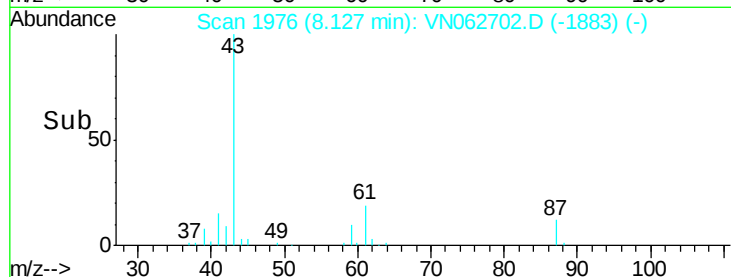
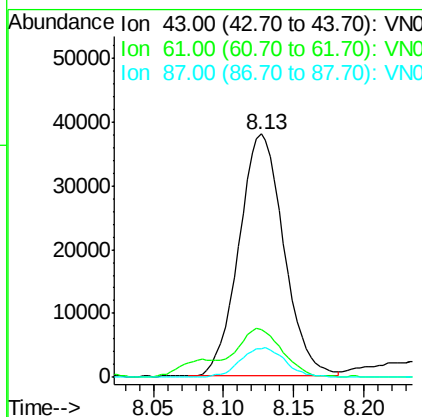
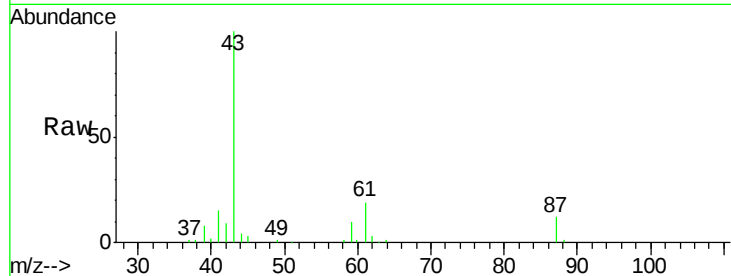
#43
Isopropyl Acetate
Concen: 17.100 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

Tot Ion	43	61	87
Resp	84462		
Ratio	100	20.2	12.3
Lower		20.8	9.2
Upper		31.2#	13.8

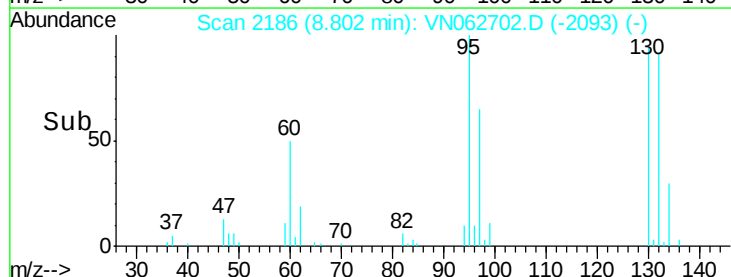
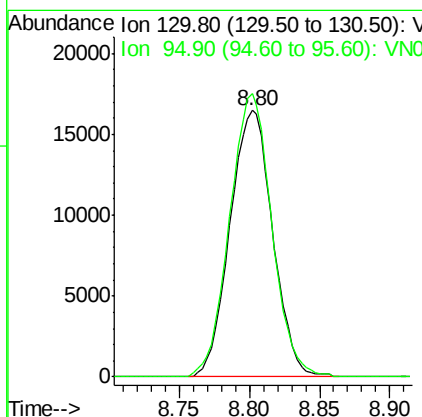
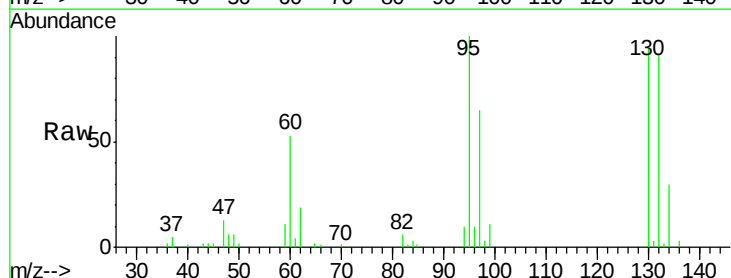
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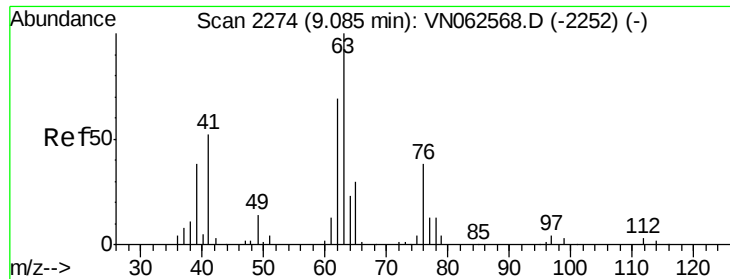
MMDadoda
8/3/2020 5:03:17 PM



#44
Trichloroethene
Concen: 18.004 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	130	95
Resp	34939	
Ratio	100	106.2
Lower		0.0
Upper		210.4





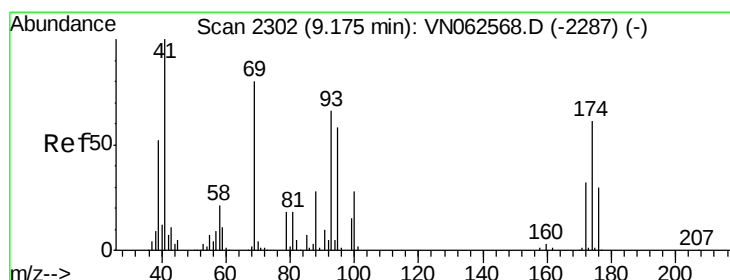
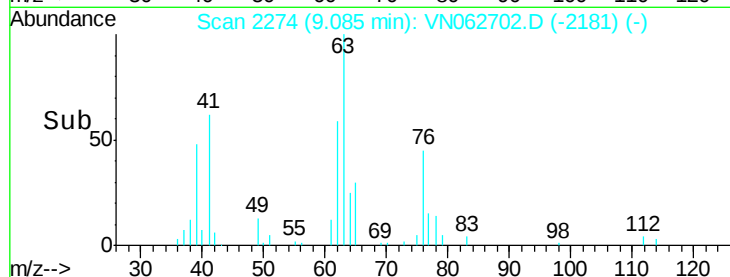
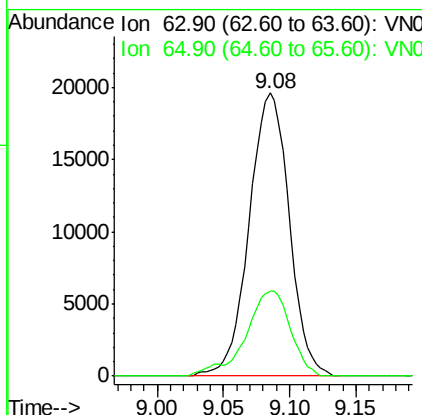
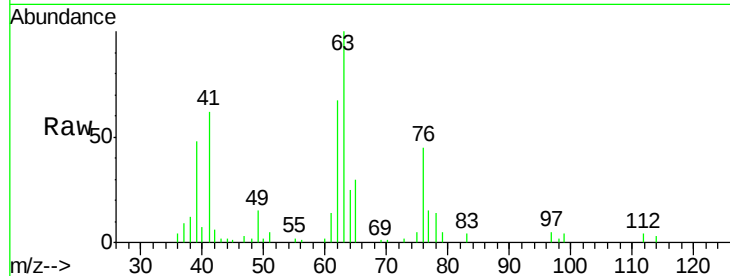
#45
 1,2-Dichloropropane
 Concen: 17.123 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS02

Tot Ion: 63 Resp: 41372
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.4 36.6

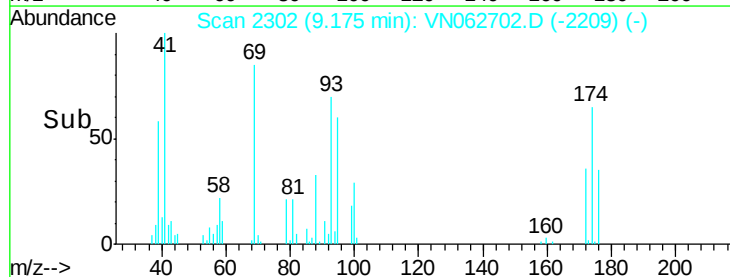
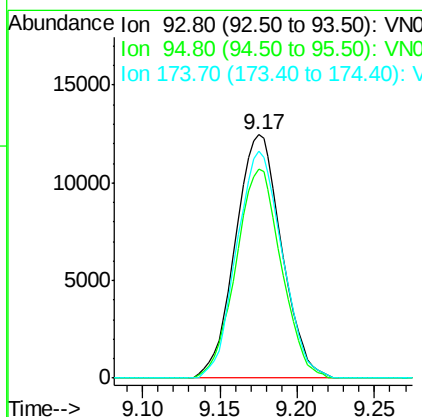
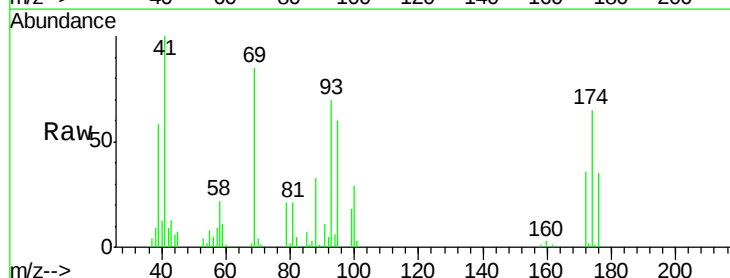
Manual Integrations
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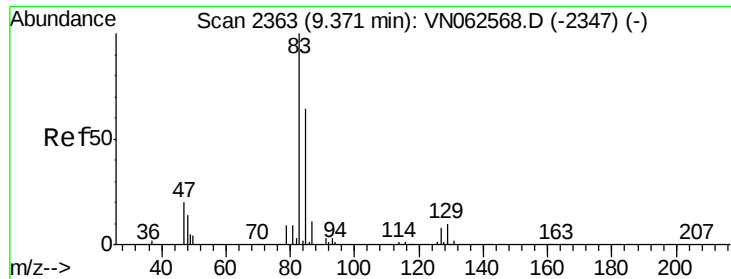
MMDadoda
 8/3/2020 5:03:17 PM



#46
 Dibromomethane
 Concen: 18.543 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 93 Resp: 25894
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.6 101.4
 174 91.7 72.5 108.7





#47

Bromodichloromethane

Concen: 19.472 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

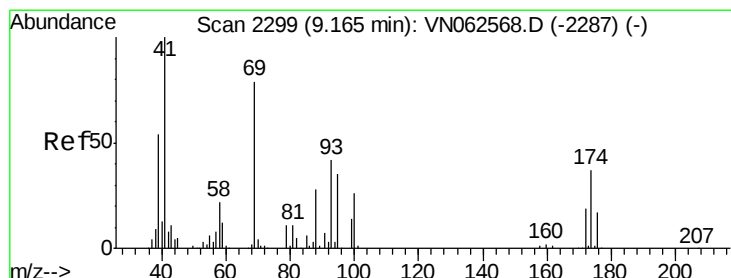
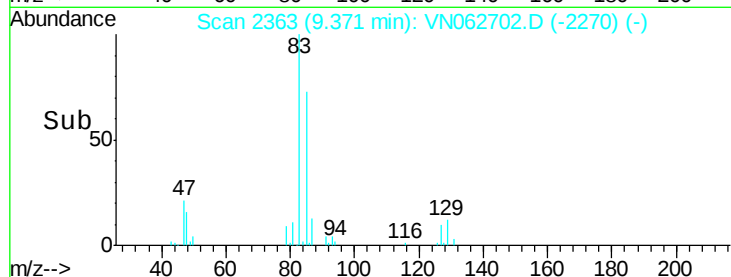
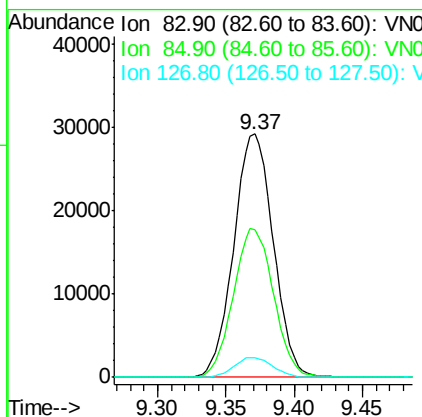
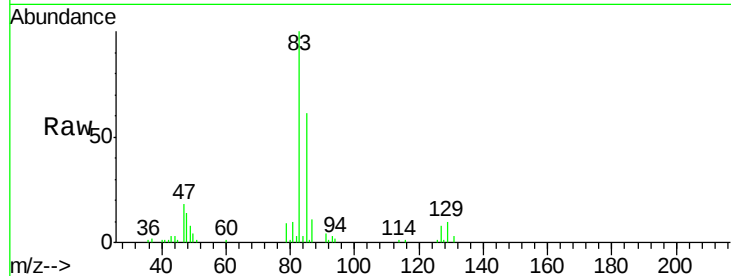
ClientSampleId :

VN0731WBS02

Tot Ion:	83	Resp:	58911
Ion Ratio	Lower	Upper	
83	100		
85	60.7	51.6	77.4
127	7.9	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.385 ug/l

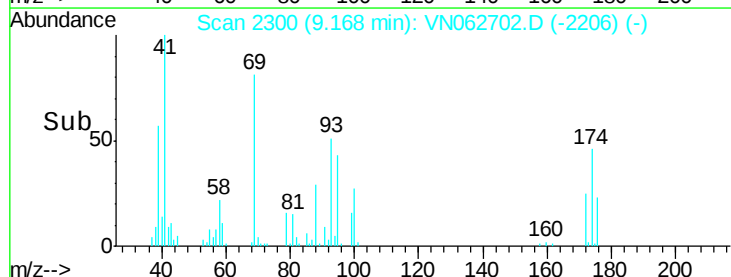
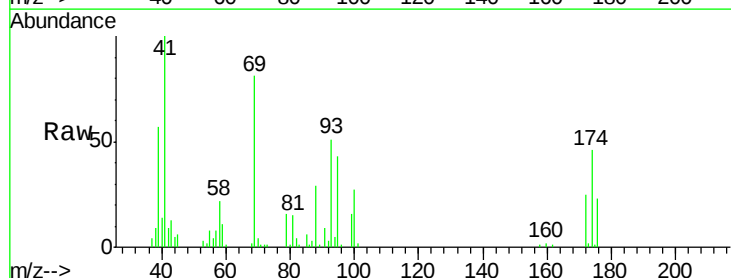
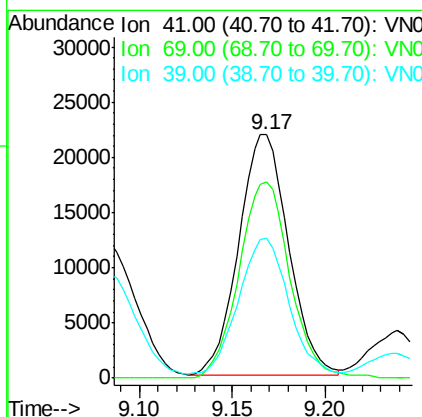
RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Tgt Ion:	41	Resp:	40820
Ion Ratio	Lower	Upper	
41	100		
69	83.7	64.4	96.6
39	60.5	43.5	65.3





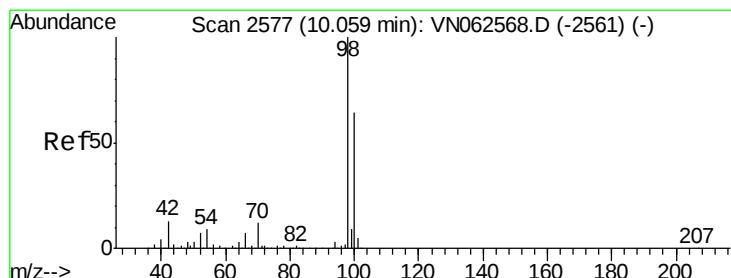
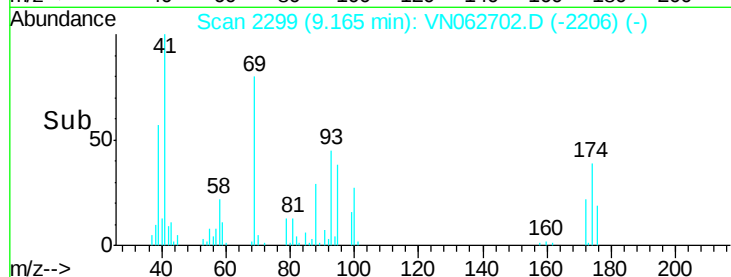
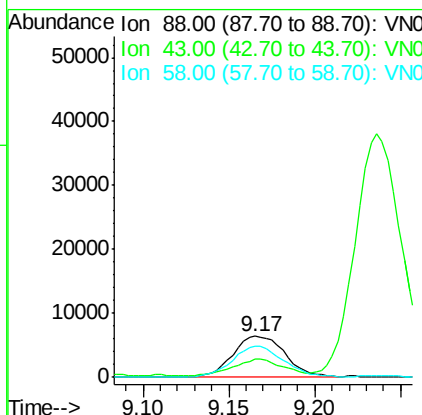
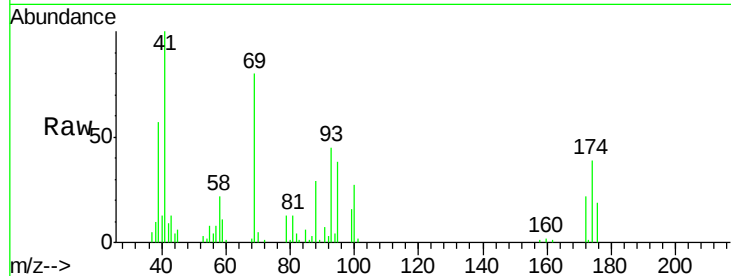
#49
1,4-Dioxane
Concen: 378.868 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion	88	Resp	13663
Ion	Ratio	Lower	Upper
88	100		
43	35.8	32.0	48.0
58	74.1	62.8	94.2

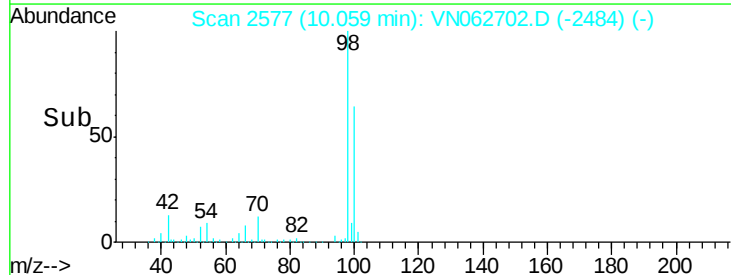
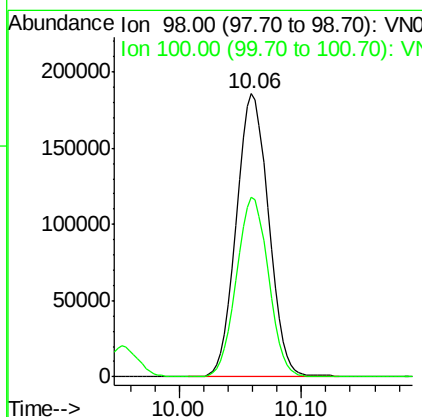
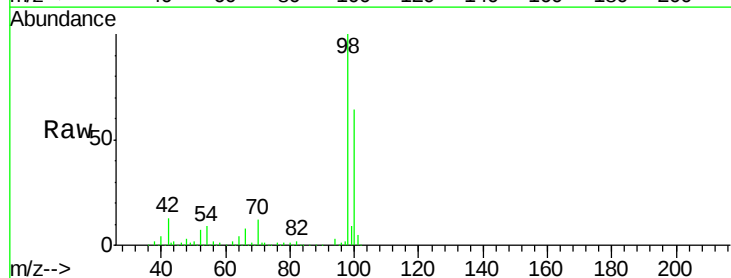
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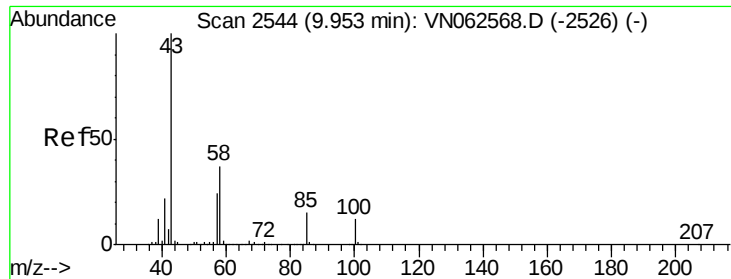
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#50
Toluene-d8
Concen: 48.704 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	98	Resp	340387
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 90.265 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

Tot Ion: 43 Resp: 266771

Ion Ratio Lower Upper

43 100

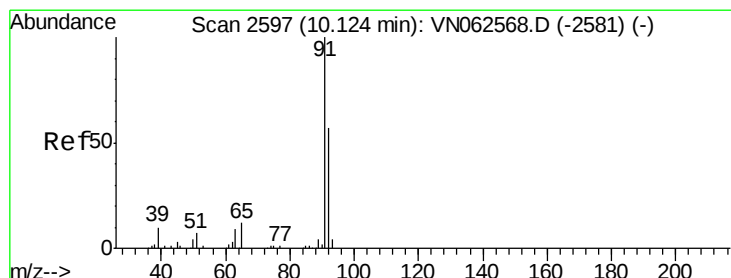
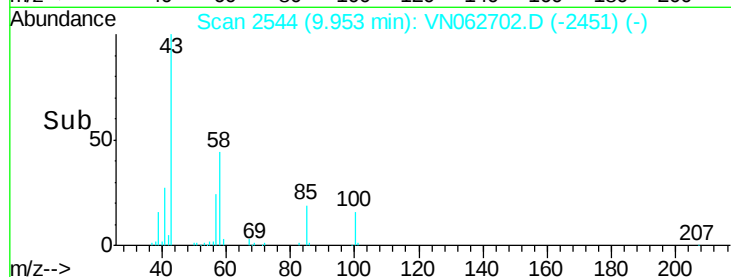
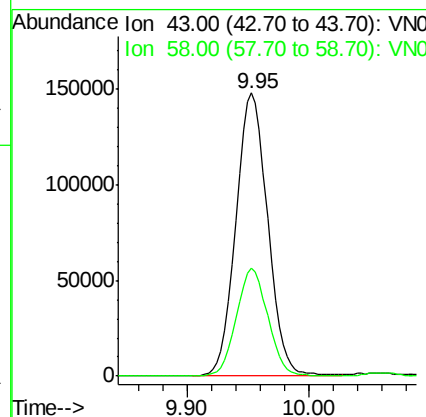
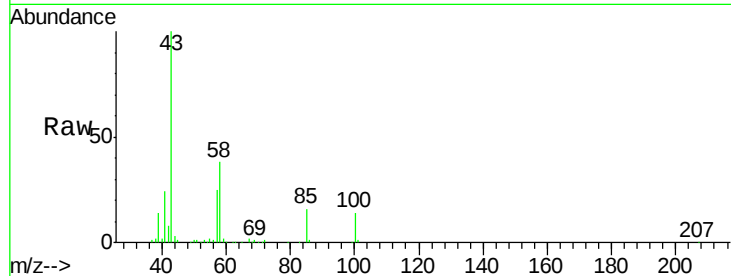
58 37.9 29.8 44.6

Manual Integrations

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8/3/2020 5:03:17 PM



#52

Toluene

Concen: 18.308 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062702.D

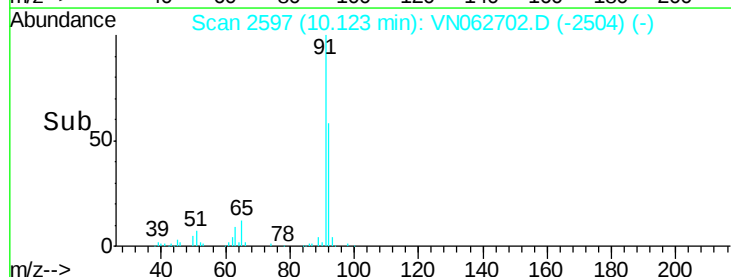
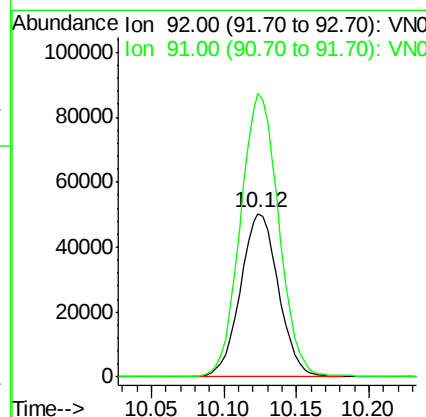
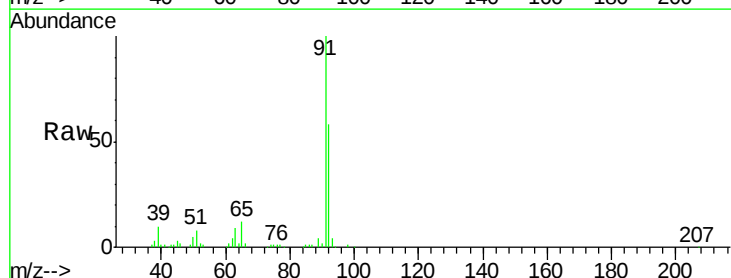
Acq: 31 Jul 2020 22:45

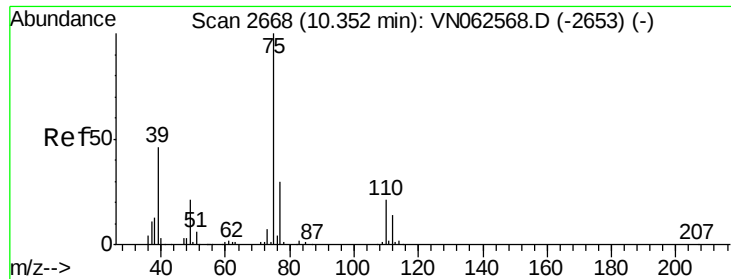
Tgt Ion: 92 Resp: 91482

Ion Ratio Lower Upper

92 100

91 175.6 139.4 209.2





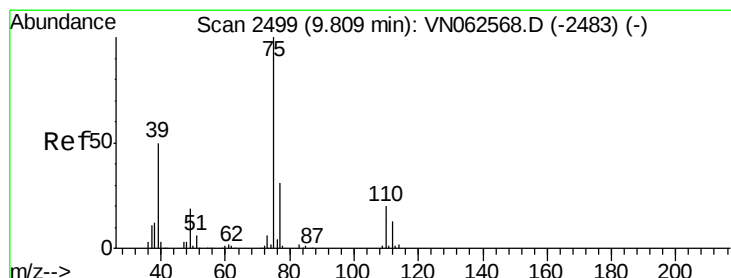
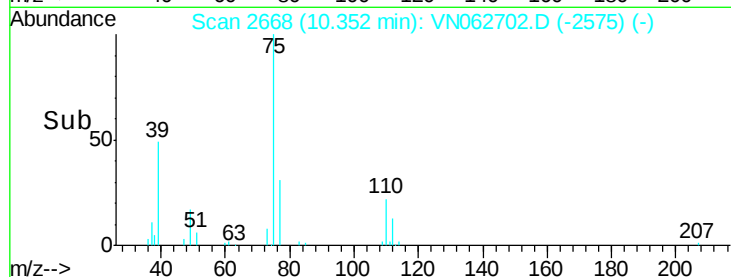
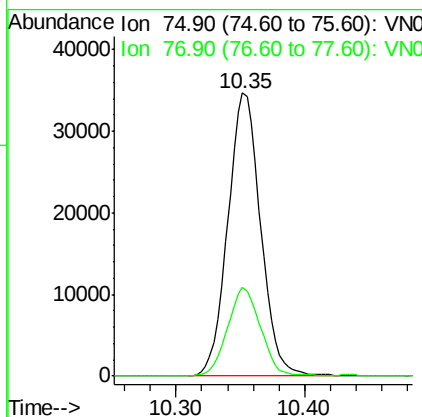
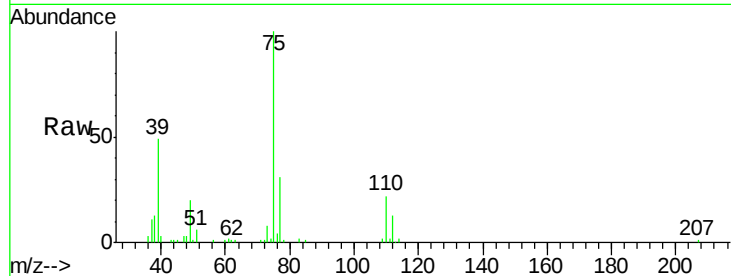
#53
t-1,3-Dichloropropene
Concen: 18.161 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.3	36.5

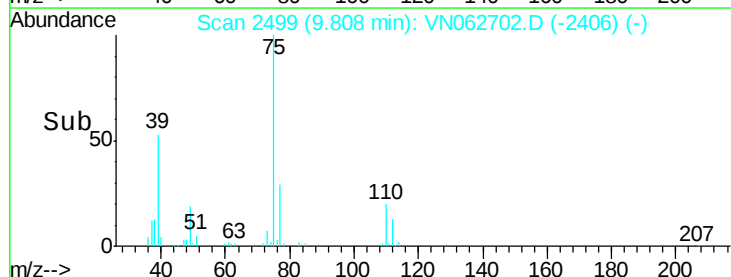
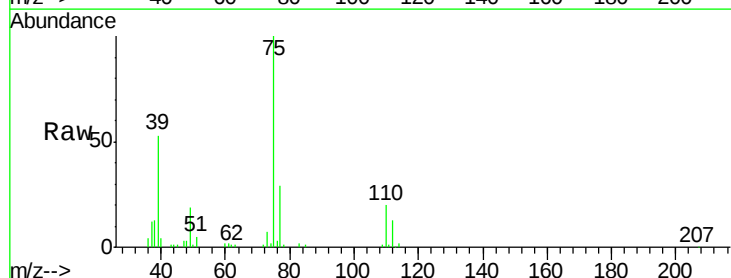
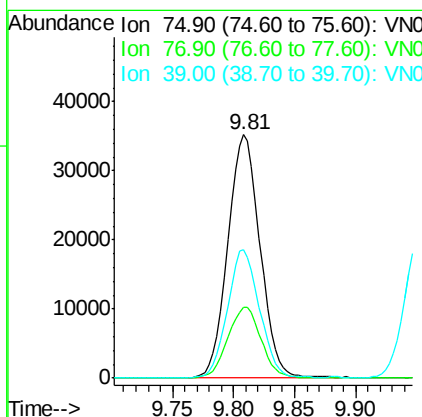
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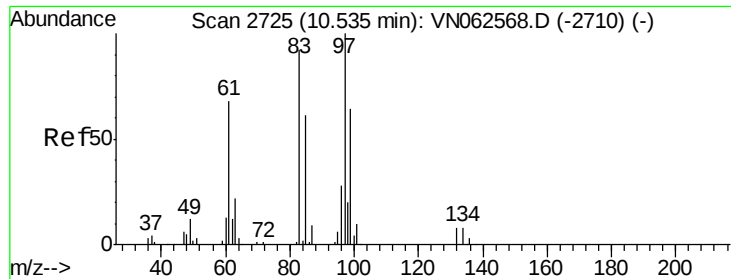
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#54
cis-1,3-Dichloropropene
Concen: 17.969 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.9	25.0	37.6
39	52.9	39.8	59.8





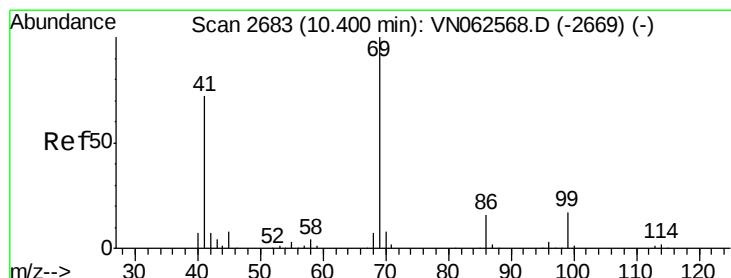
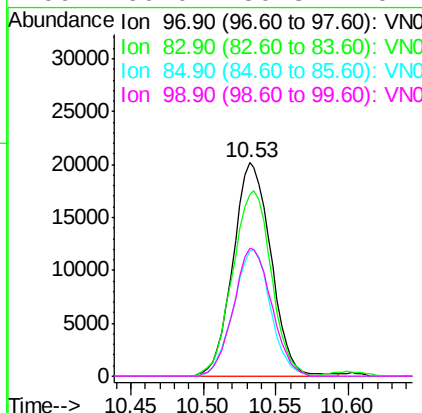
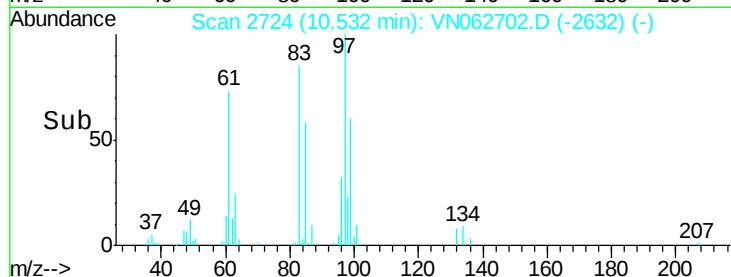
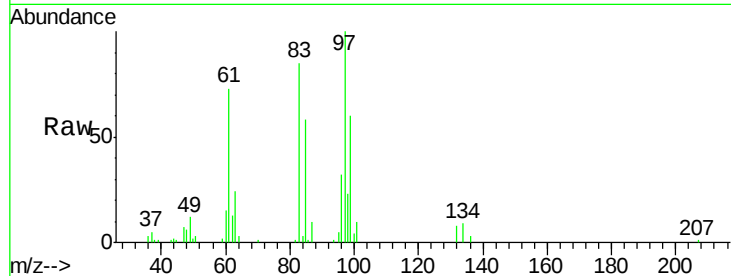
#55
 1,1,2-Trichloroethane
 Concen: 18.974 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		36776		
83	85.2	73.7	110.5		
85	58.5	48.5	72.7		
99	60.0	50.8	76.2		

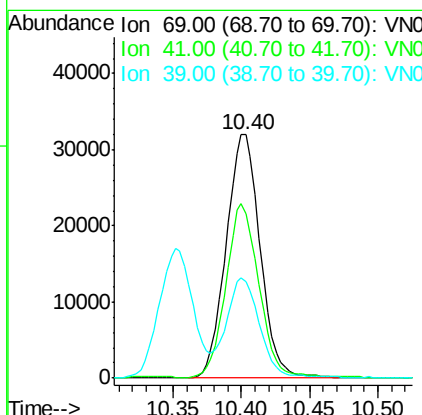
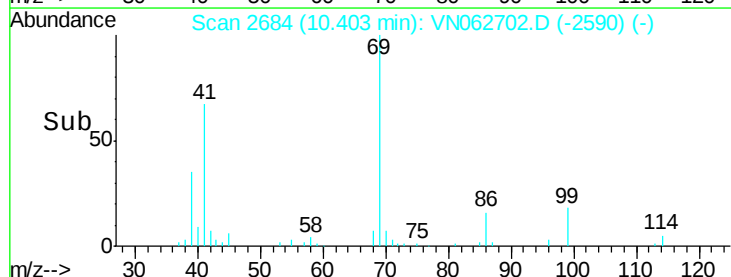
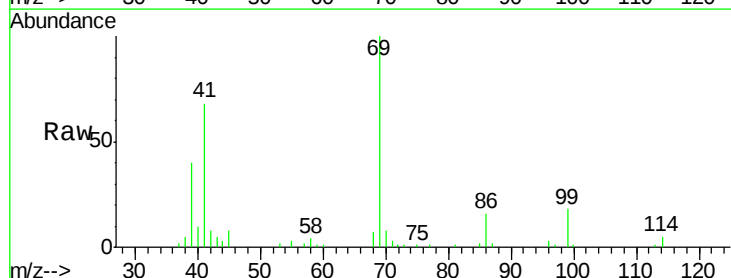
Manual Integrations
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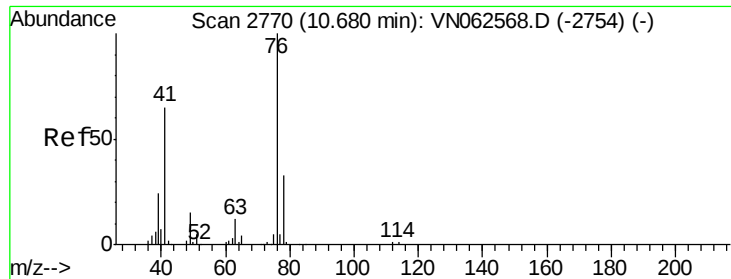
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#56
 Ethyl methacrylate
 Concen: 17.144 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		55474		
41	70.4	57.2	85.8		
39	39.2	28.6	43.0		





#57

1,3-Dichloropropane

Concen: 17.906 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

Tot Ion: 76 Resp: 63582

Ion Ratio Lower Upper

76 100

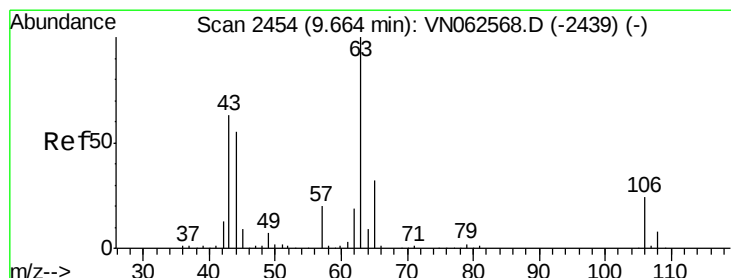
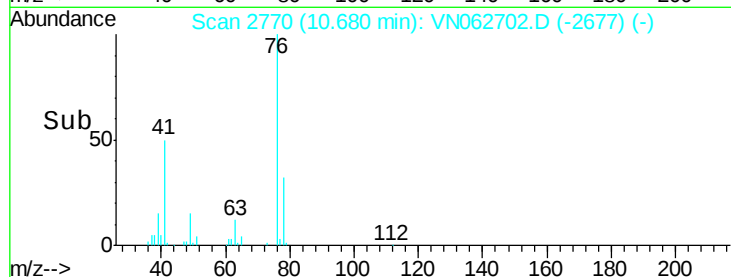
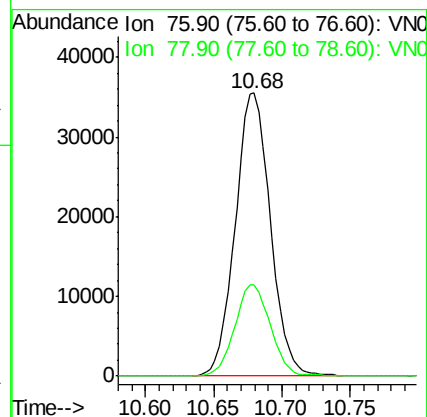
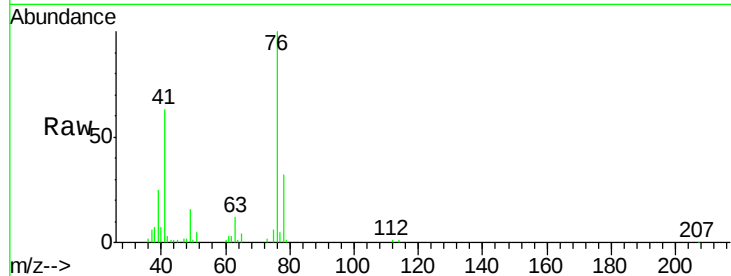
78 32.6 26.3 39.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 88.484 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062702.D

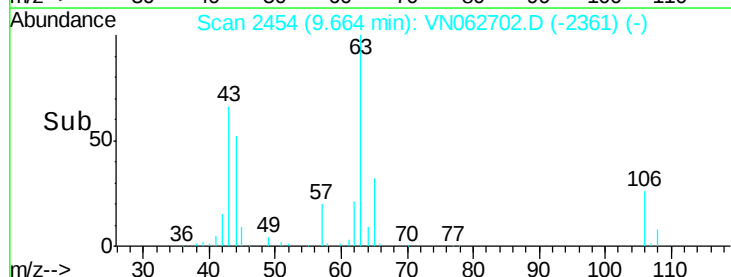
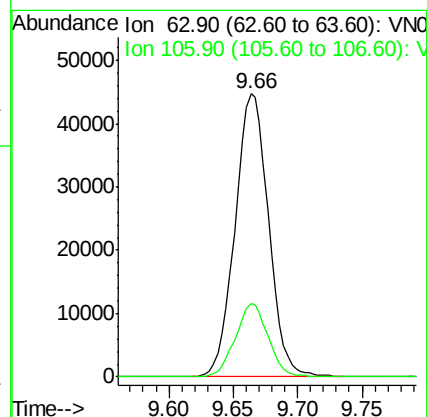
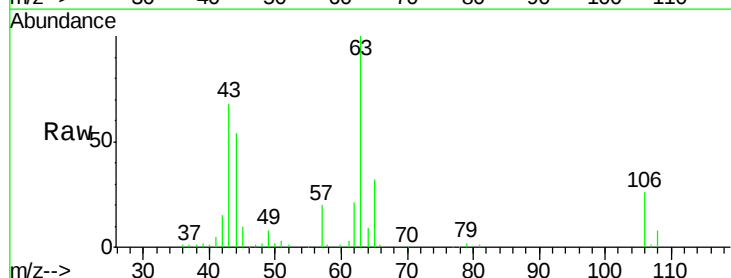
Acq: 31 Jul 2020 22:45

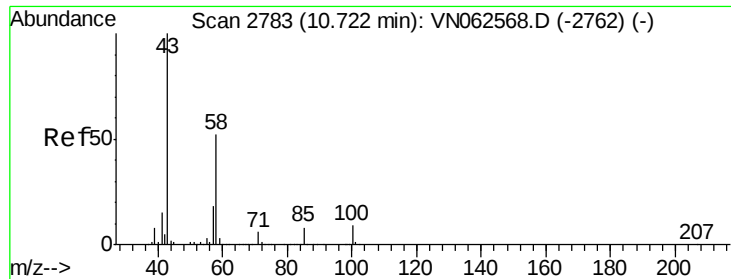
Tgt Ion: 63 Resp: 80691

Ion Ratio Lower Upper

63 100

106 25.1 18.9 28.3





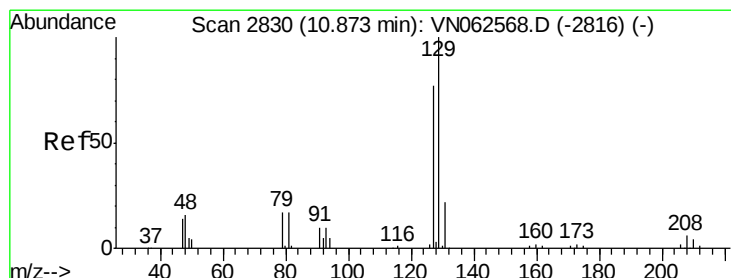
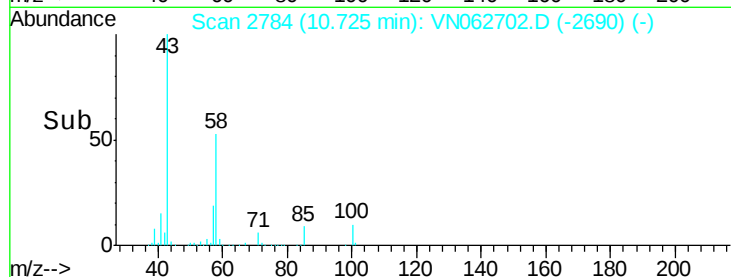
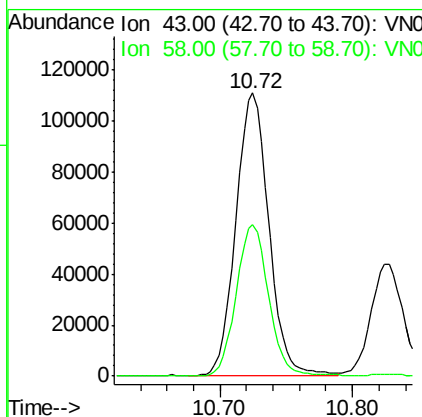
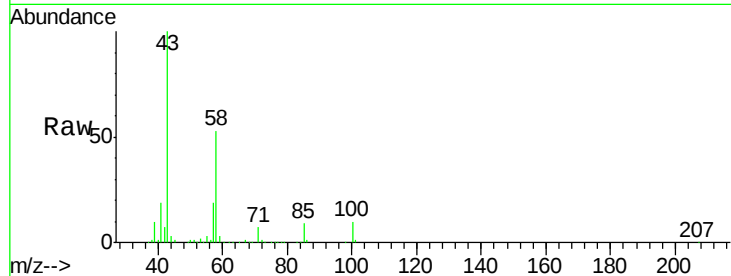
#59
2-Hexanone
Concen: 85.297 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion: 43 Resp: 190449
Ion Ratio Lower Upper
43 100
58 53.0 26.0 78.0

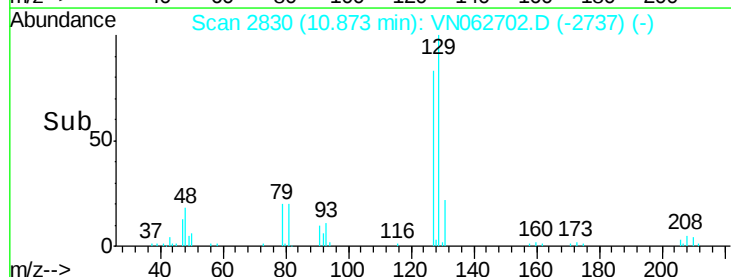
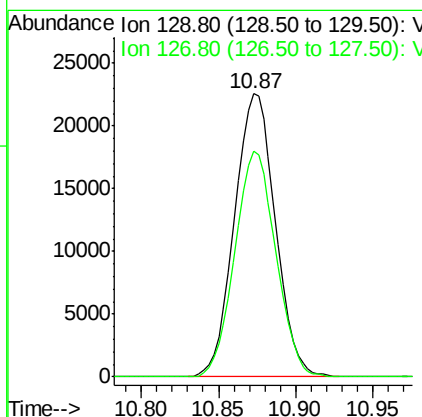
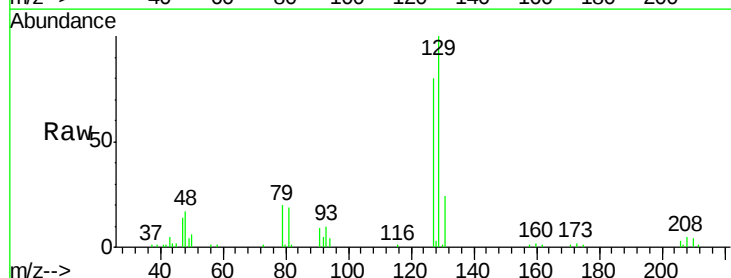
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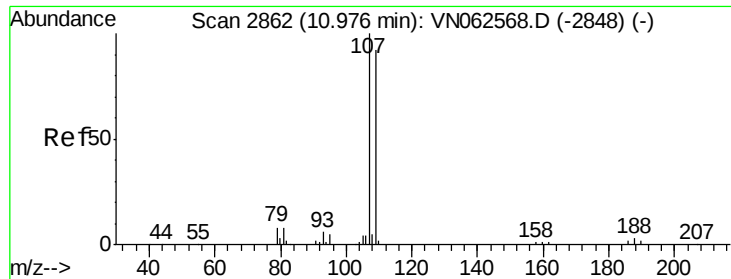
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#60
Dibromochloromethane
Concen: 19.160 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 129 Resp: 41428
Ion Ratio Lower Upper
129 100
127 79.9 38.0 113.9





#61

1,2-Dibromoethane

Concen: 17.458 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

Tot Ion: 107 Resp: 35235

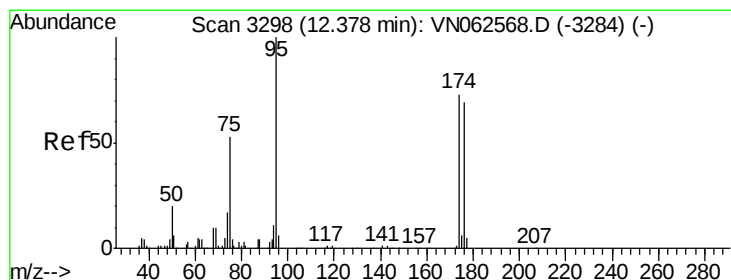
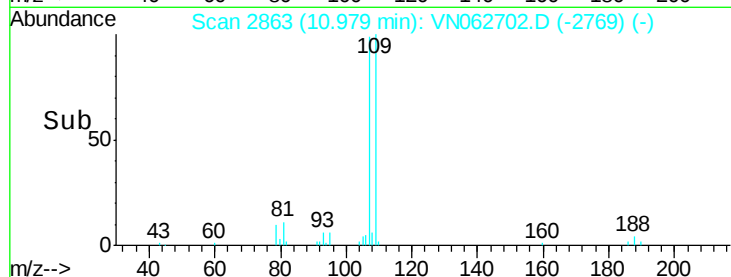
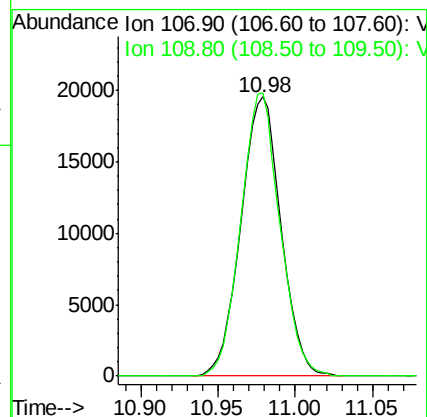
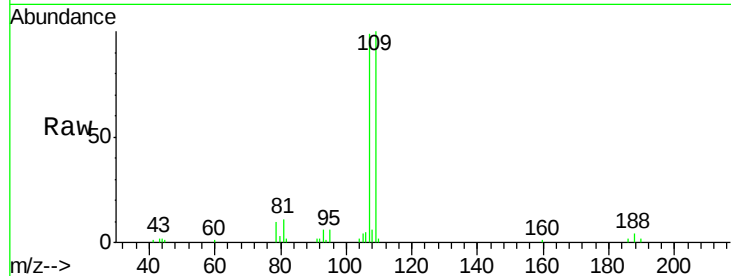
Ion Ratio Lower Upper

107 100

109 98.7 73.8 110.6

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#62

4-Bromofluorobenzene

Concen: 48.859 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

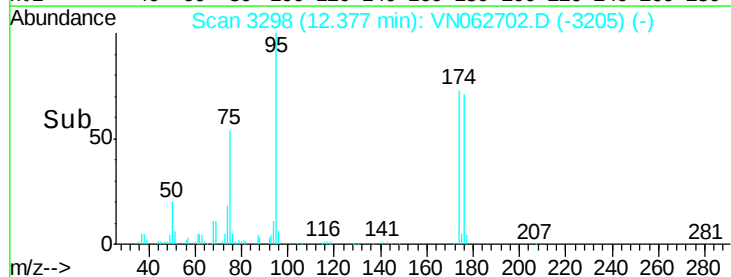
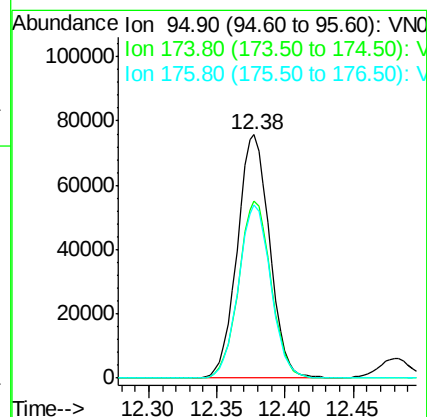
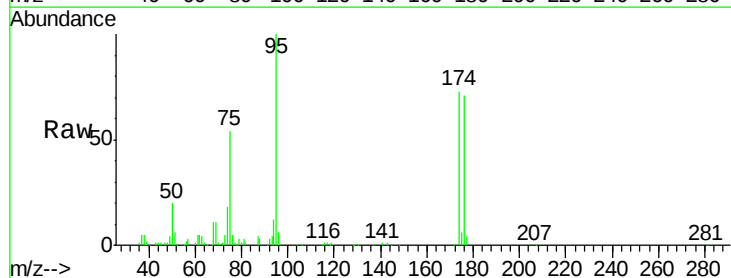
Tgt Ion: 95 Resp: 124858

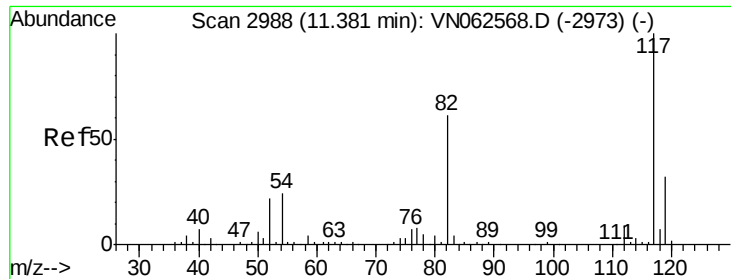
Ion Ratio Lower Upper

95 100

174 72.5 0.0 144.6

176 71.0 0.0 139.4





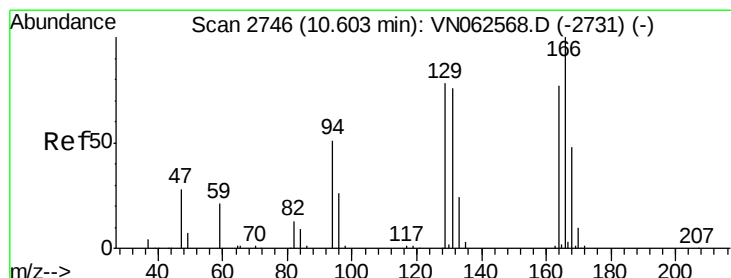
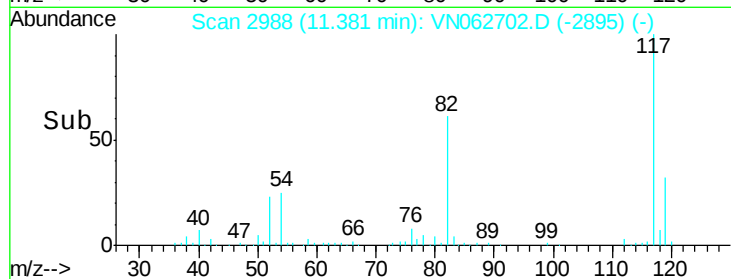
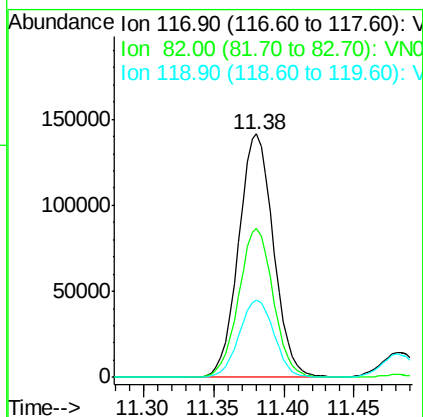
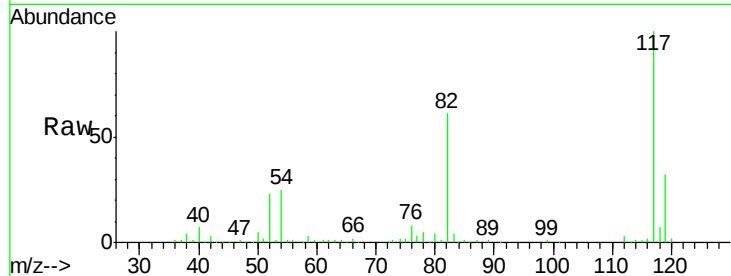
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.0	73.6
119	31.6	25.4	38.2

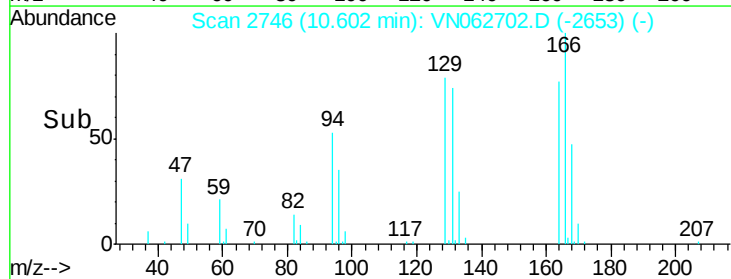
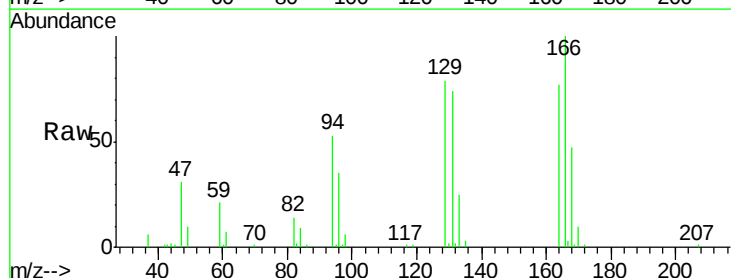
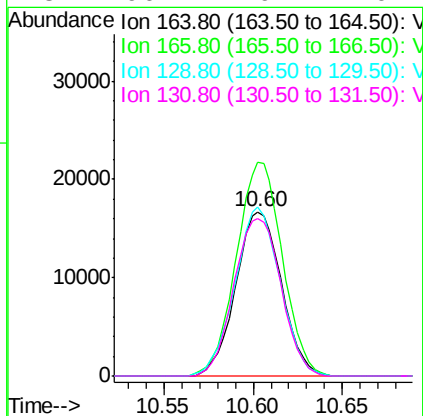
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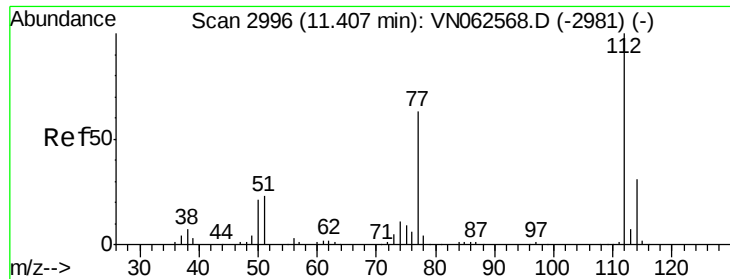
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#64
Tetrachloroethene
Concen: 18.770 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.4	156.6
129	103.2	81.0	121.4
131	96.2	79.4	119.2





#65

Chlorobenzene

Concen: 18.205 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

Tot Ion:112 Resp: 93653

Ion Ratio Lower Upper

112 100

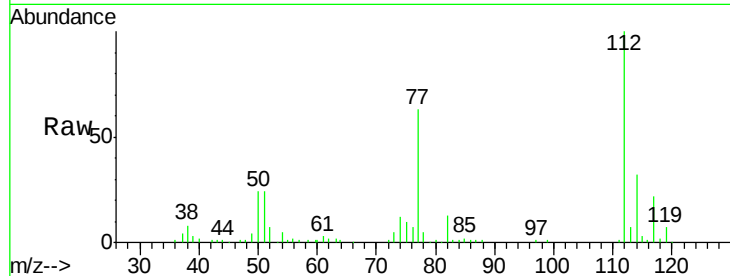
114 32.0 25.1 37.7

Manual Integrations

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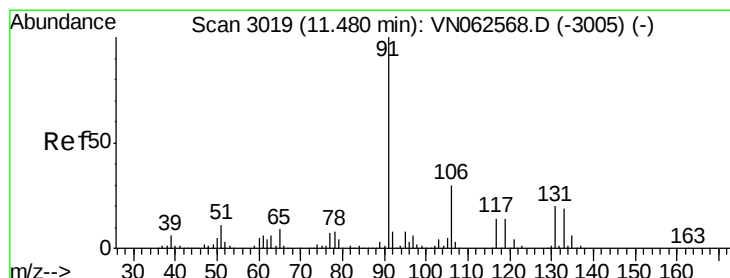
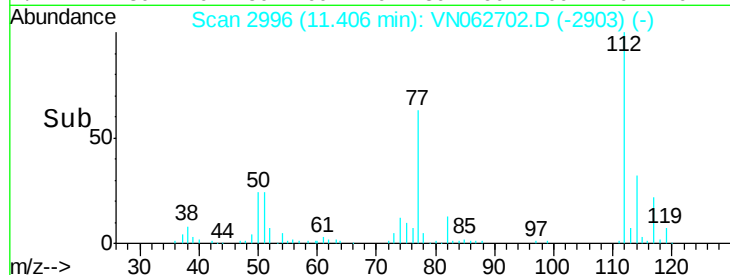
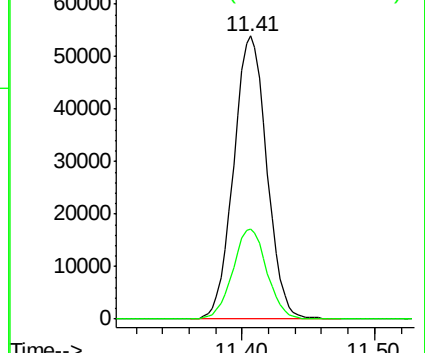
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.335 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

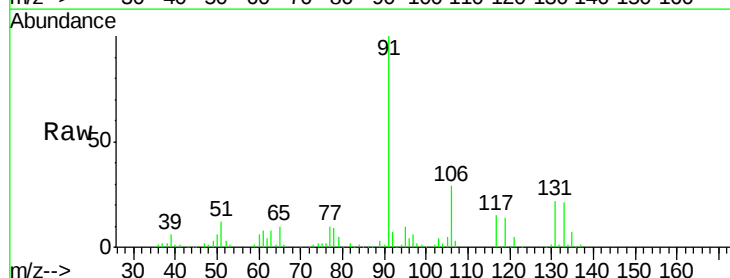
Tgt Ion:131 Resp: 37419

Ion Ratio Lower Upper

131 100

133 95.1 47.3 142.0

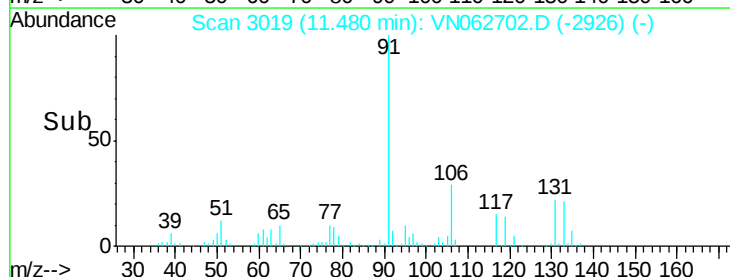
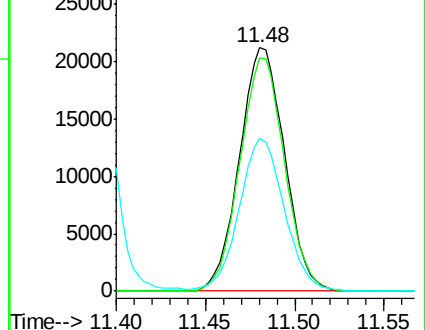
119 63.0 33.7 101.0

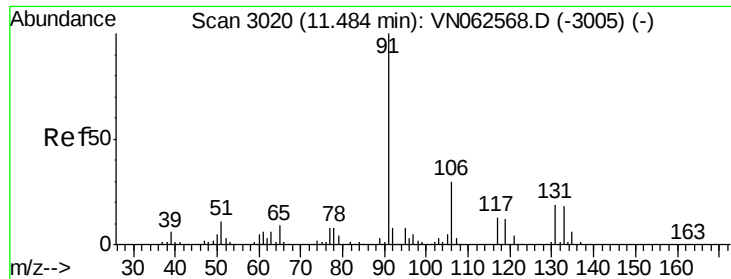


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.469 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

Tot Ion: 91 Resp: 174202

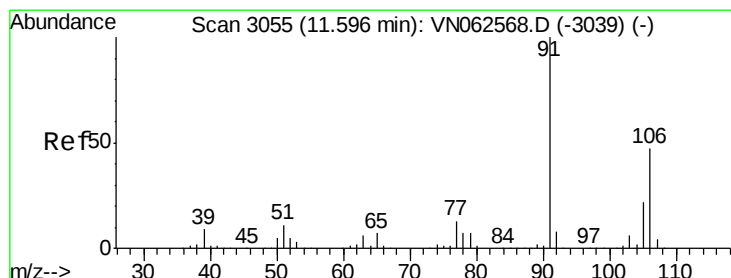
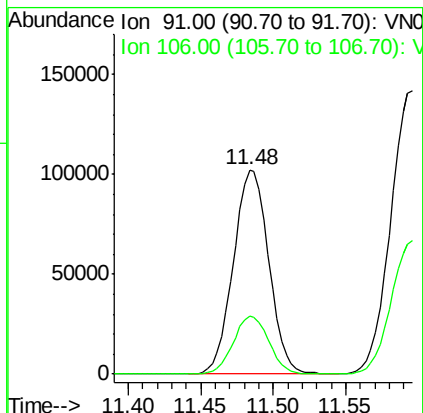
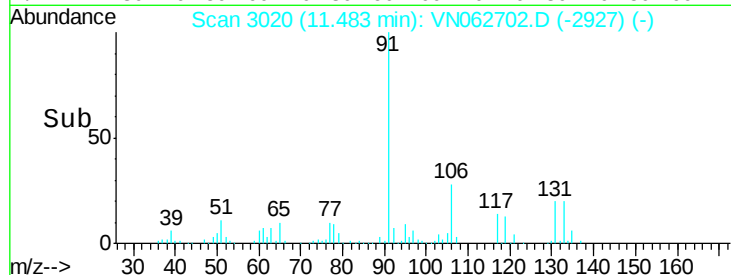
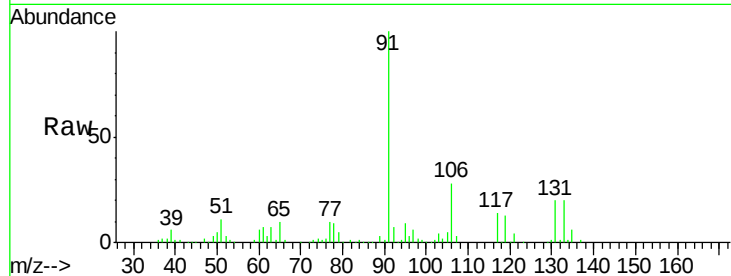
Ion Ratio Lower Upper

91 100

106 28.3 23.8 35.8

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#68

m/p-Xylenes

Concen: 37.854 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062702.D

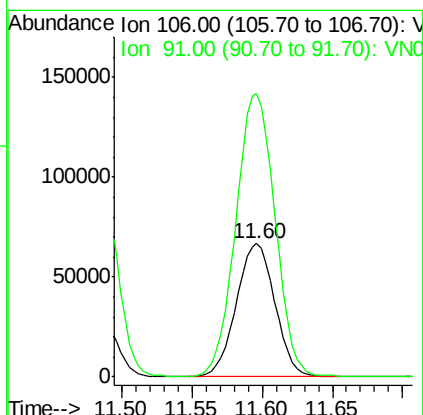
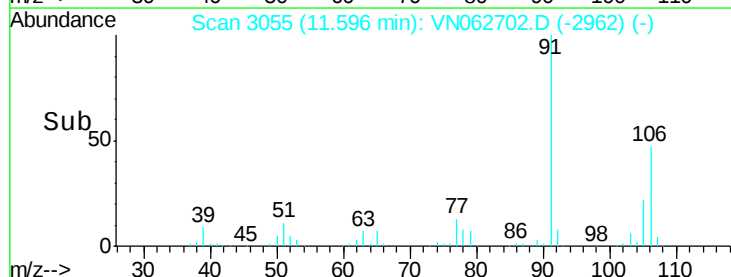
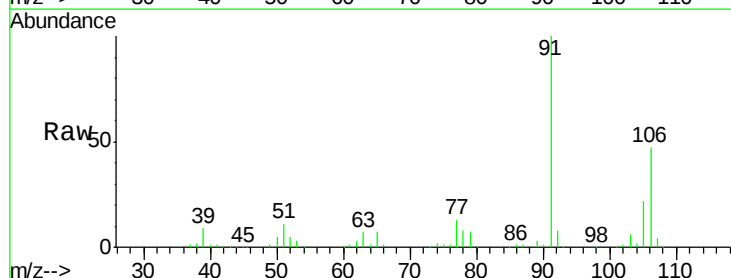
Acq: 31 Jul 2020 22:45

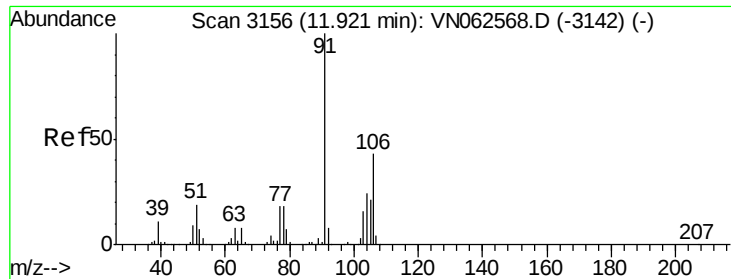
Tgt Ion: 106 Resp: 128334

Ion Ratio Lower Upper

106 100

91 214.7 171.4 257.2





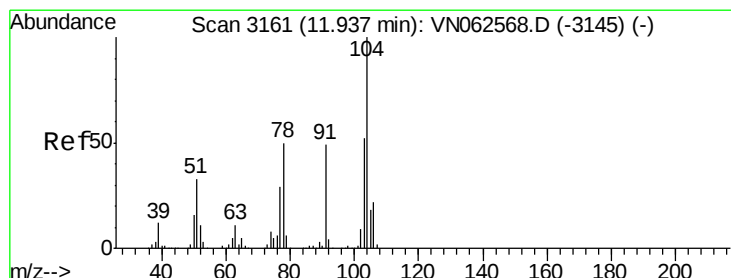
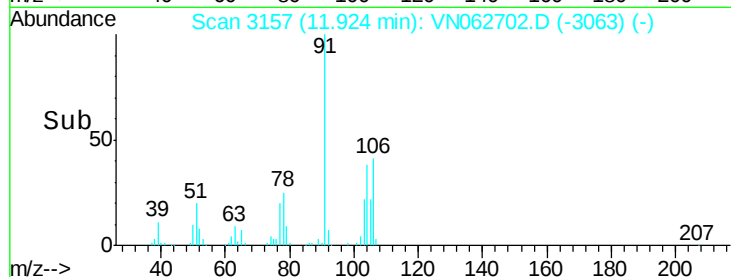
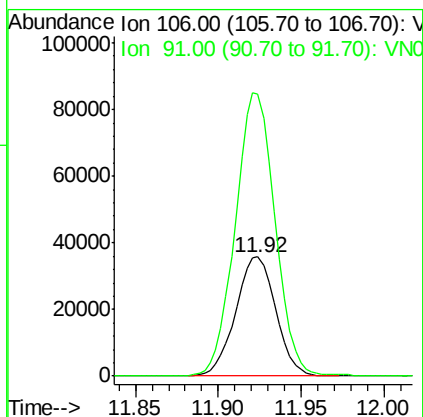
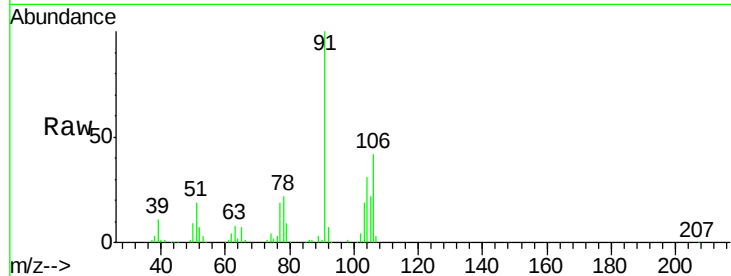
#69
o-Xylene
Concen: 18.712 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	236.0	113.8	341.2

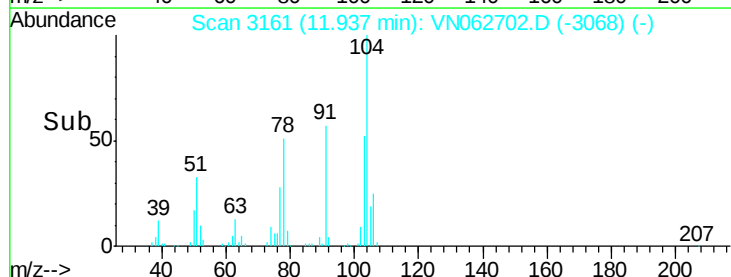
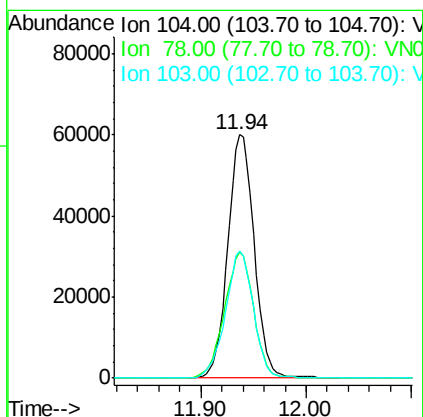
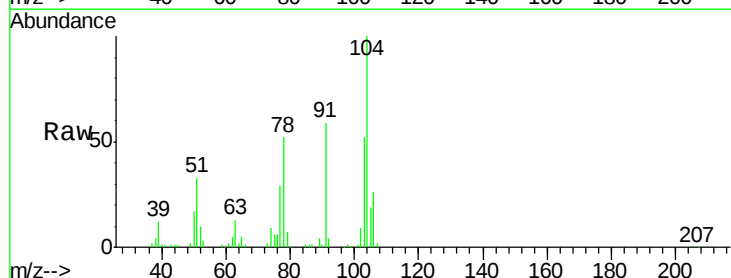
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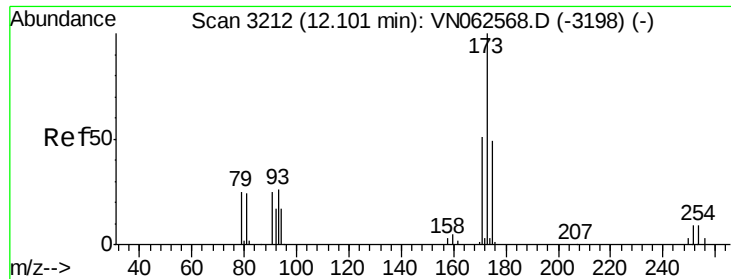
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#70
Styrene
Concen: 19.119 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	57.2	43.8	65.6
103	54.9	44.0	66.0





#71

Bromoform

Concen: 20.267 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

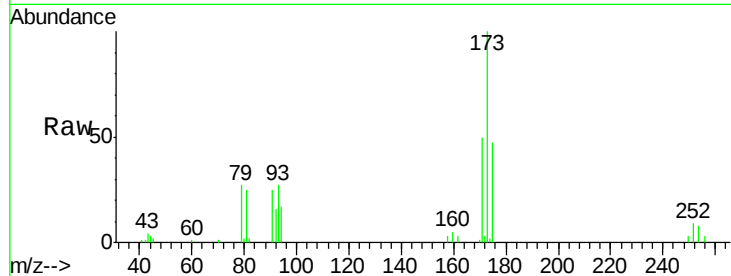
ClientSampleId :

VN0731WBS02

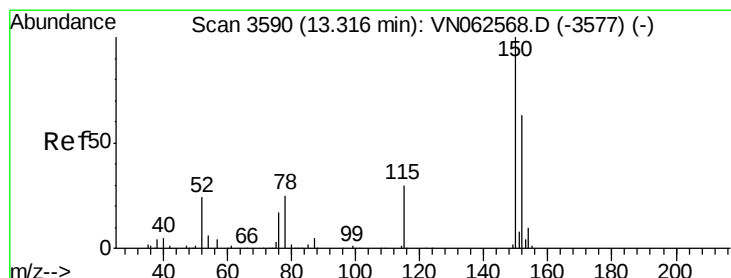
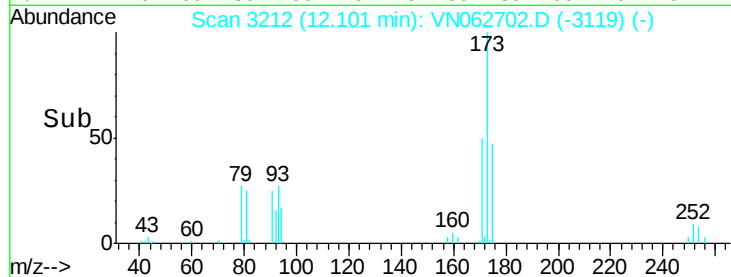
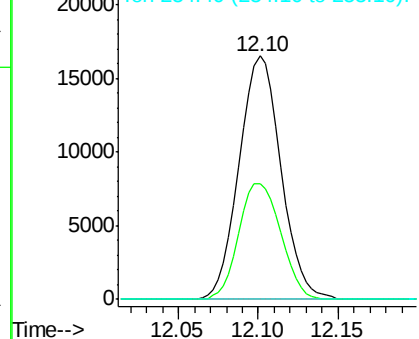
Tot Ion:	173	Resp:	29450
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.1	72.2
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

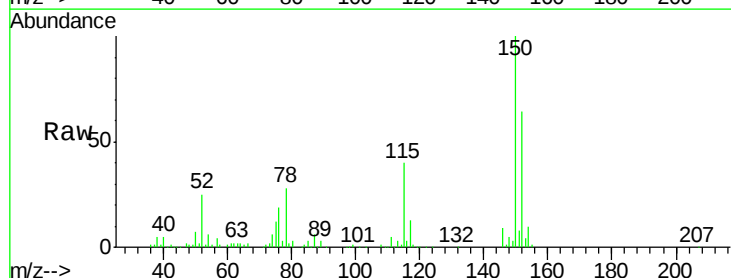
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

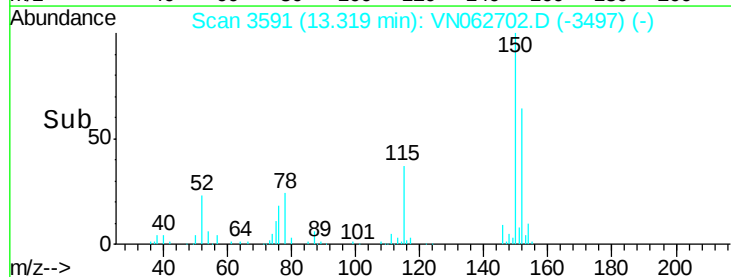
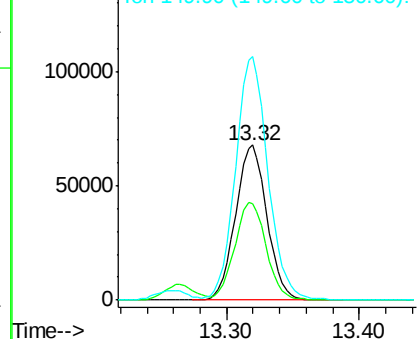
Lab File: VN062702.D

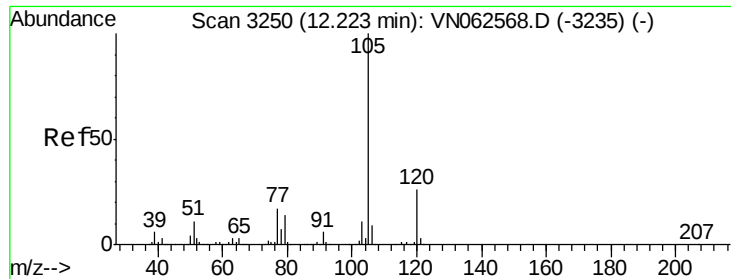
Acq: 31 Jul 2020 22:45

Tgt Ion:	152	Resp:	111606
Ion Ratio	Lower	Upper	
152	100		
115	63.6	31.8	95.4
150	161.3	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.063 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

Tot Ion: 105 Resp: 168223

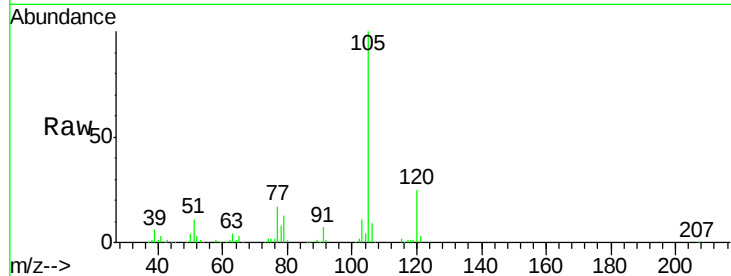
Ion Ratio Lower Upper

105 100

120 24.8 12.8 38.4

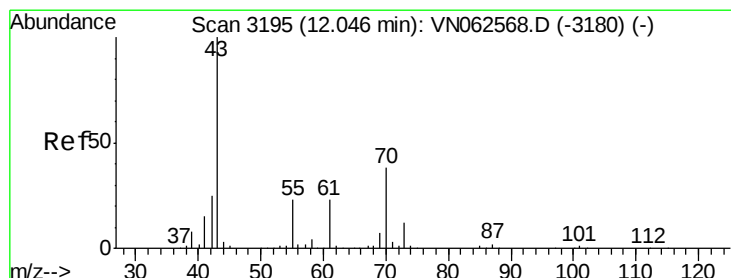
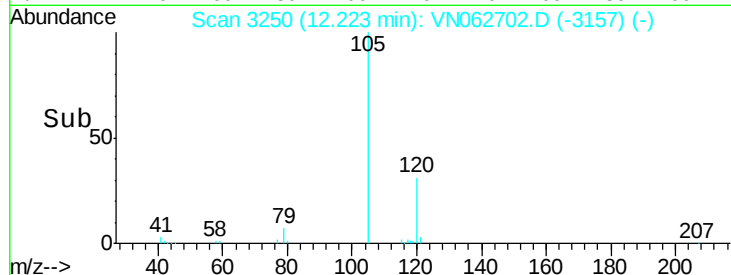
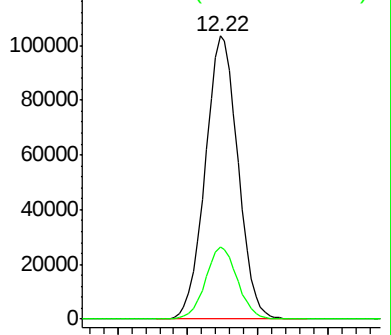
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.480 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Tgt Ion: 43 Resp: 68890

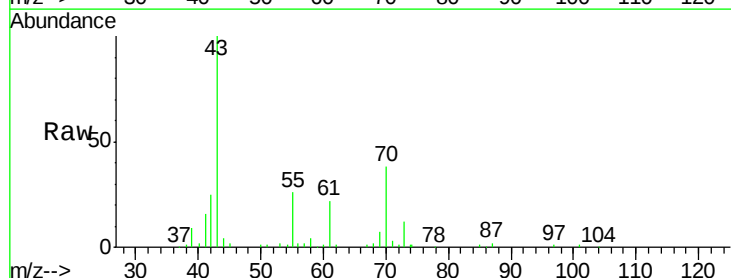
Ion Ratio Lower Upper

43 100

70 40.0 30.5 45.7

55 26.9 19.0 28.6

61 22.5 18.4 27.6

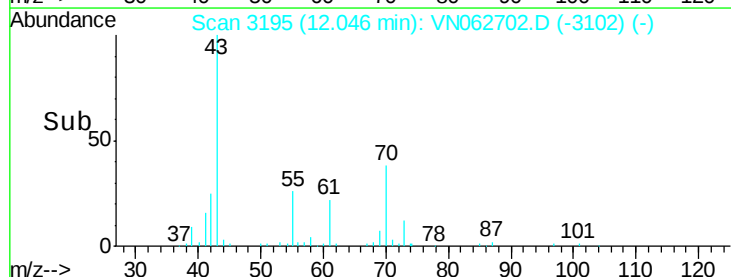
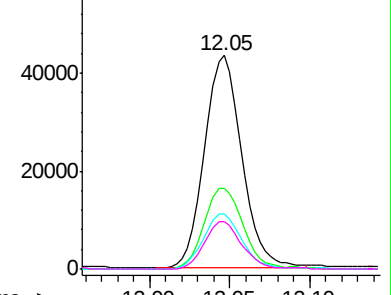


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.811 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

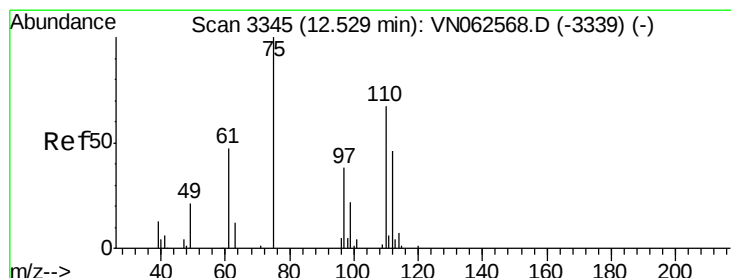
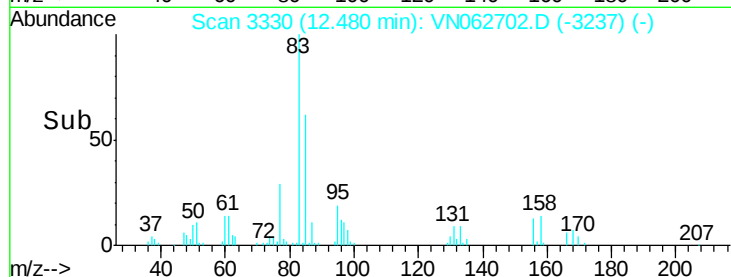
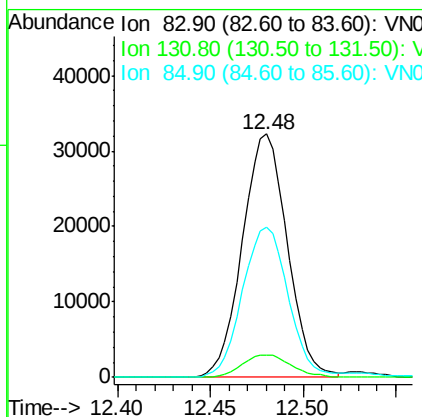
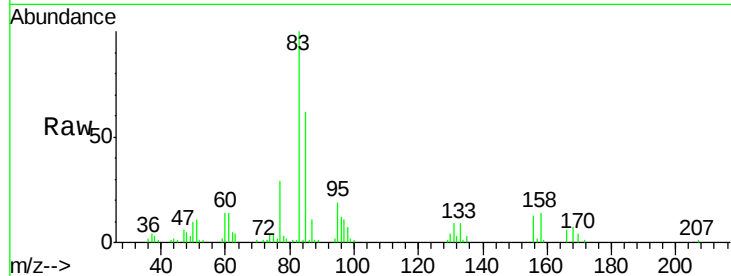
ClientSampled :

VN0731WBS02

Tot Ion:	83	Resp:	54621
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.3
85	62.9	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 18.082 ug/l m

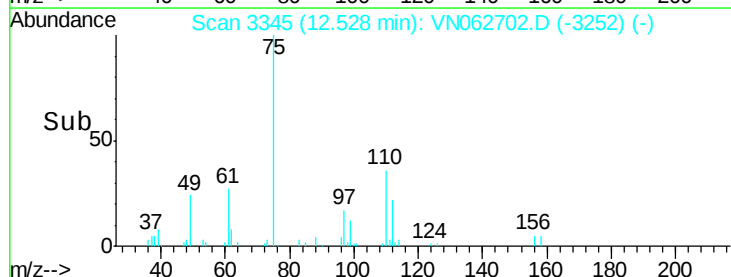
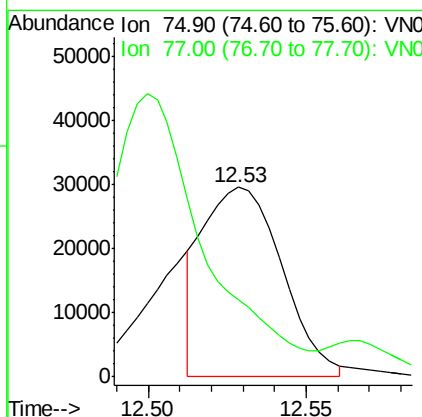
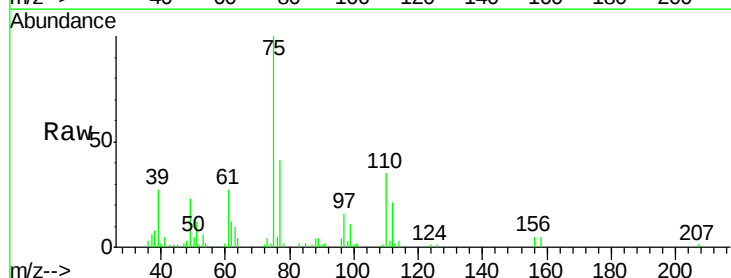
RT: 12.53 min Scan# 3345

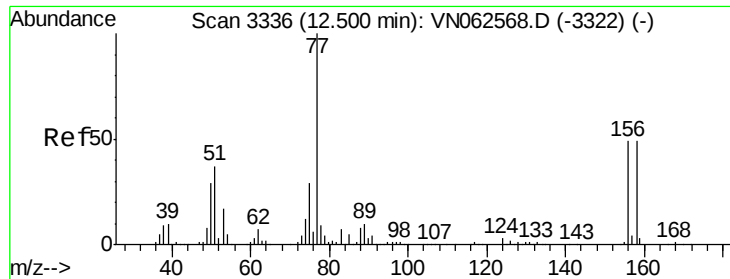
Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Tgt Ion:	75	Resp:	51366
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.114 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

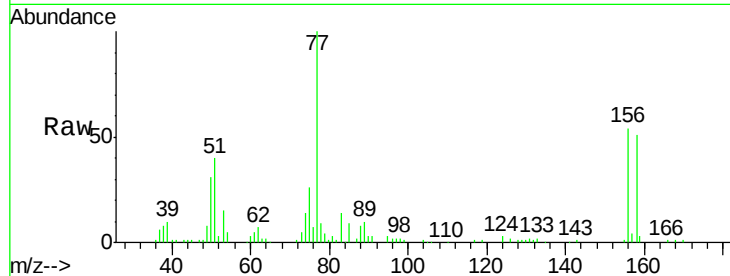
ClientSampled :

VN0731WBS02

Tot Ion:	156	Resp:	40536
Ion	Ratio	Lower	Upper
156	100		
77	232.4	122.8	368.3
158	96.2	49.4	148.0

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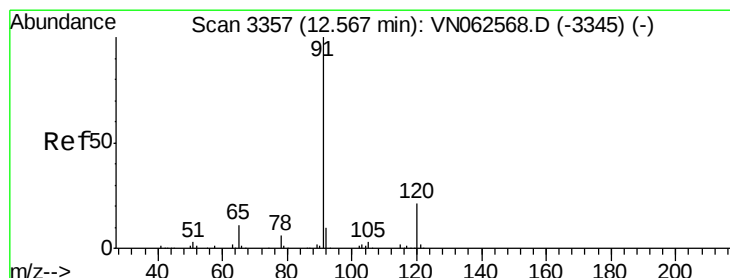
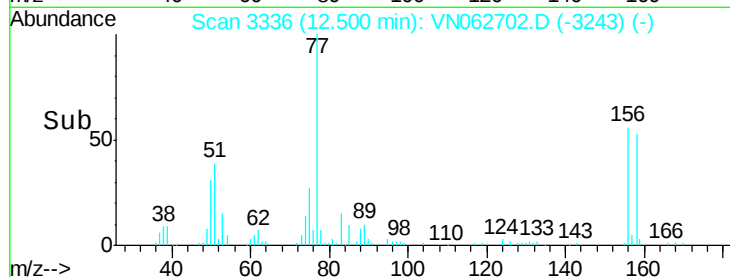
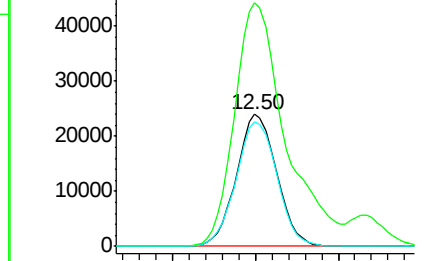
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.417 ug/l

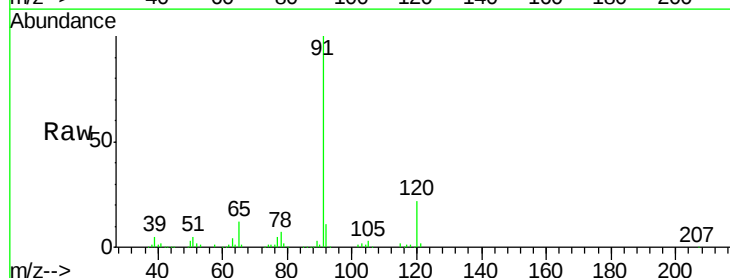
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062702.D

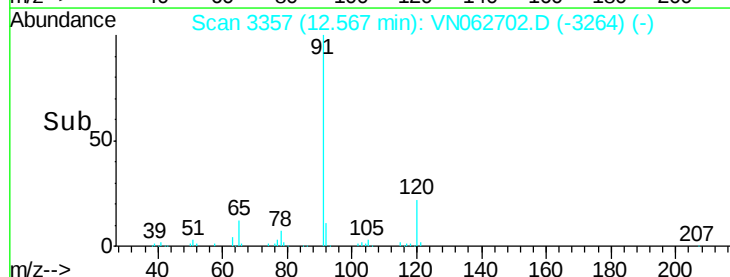
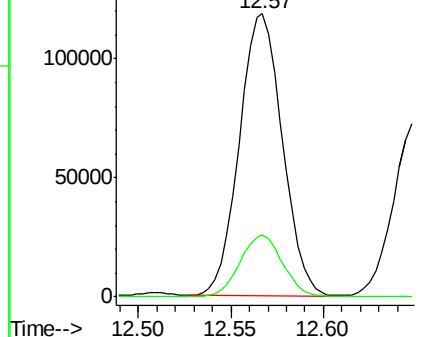
Acq: 31 Jul 2020 22:45

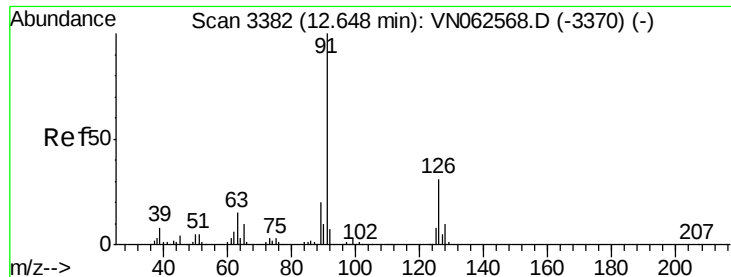
Tgt Ion:	91	Resp:	190376
Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.754 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

Tot Ion: 91 Resp: 119476

Ion Ratio Lower Upper

91 100

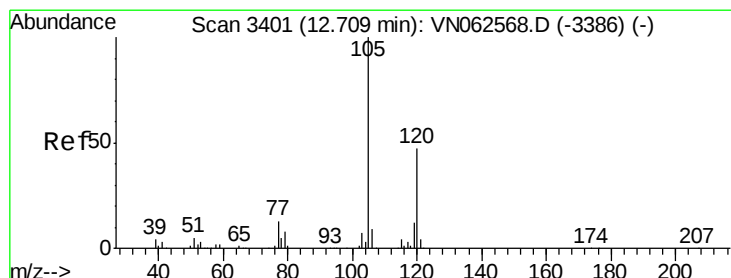
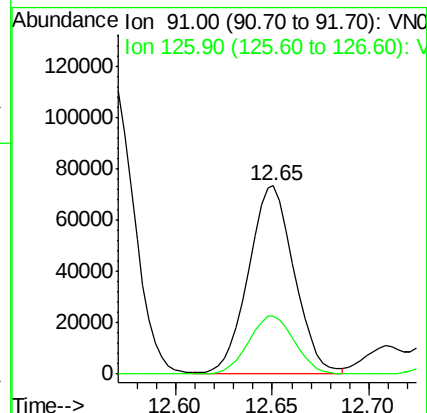
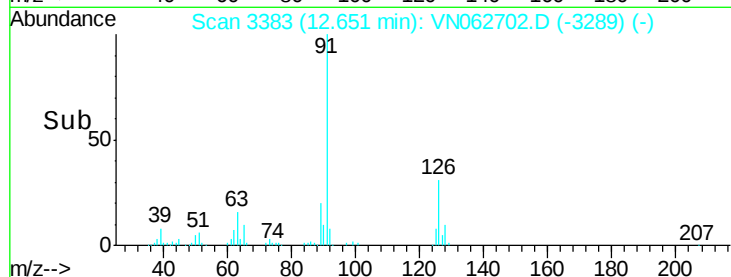
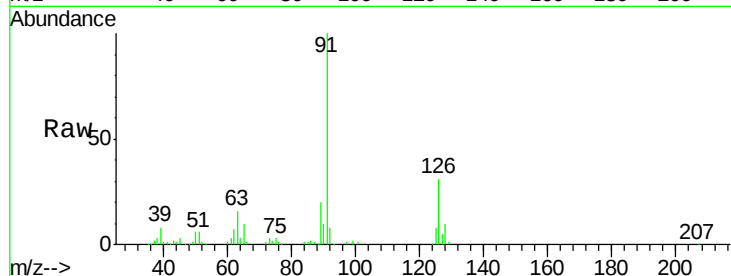
126 31.5 15.9 47.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.158 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062702.D

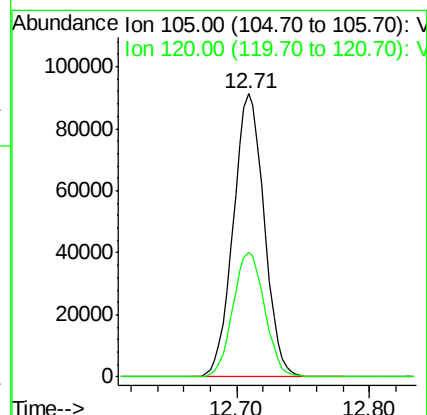
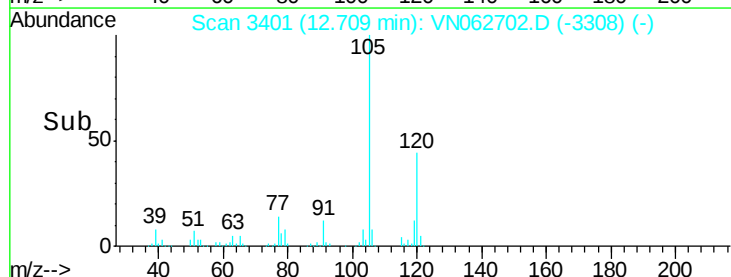
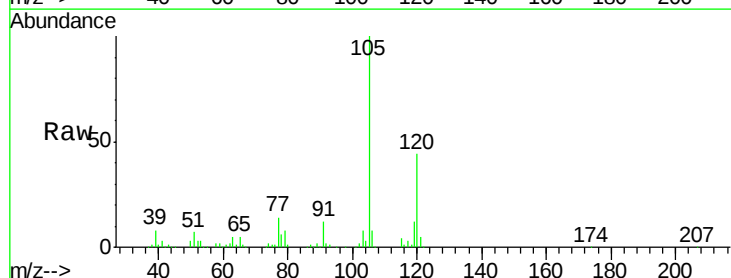
Acq: 31 Jul 2020 22:45

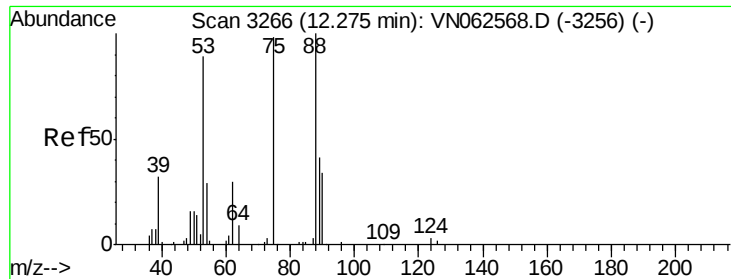
Tgt Ion: 105 Resp: 147561

Ion Ratio Lower Upper

105 100

120 45.3 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.428 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

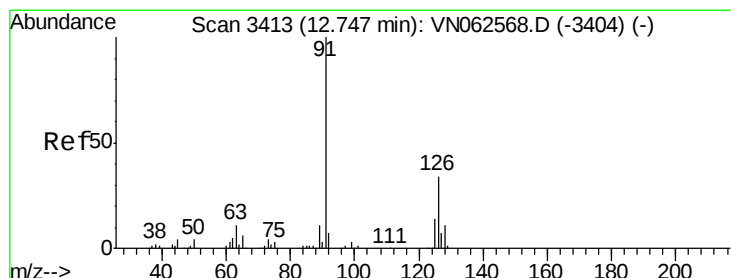
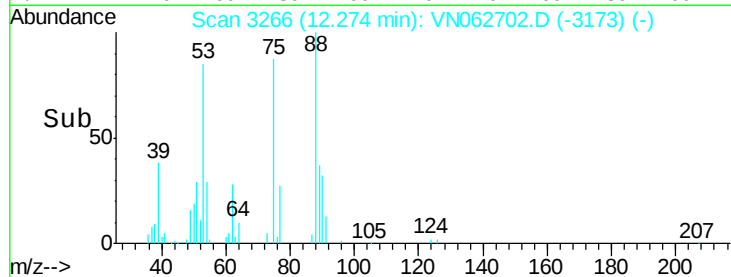
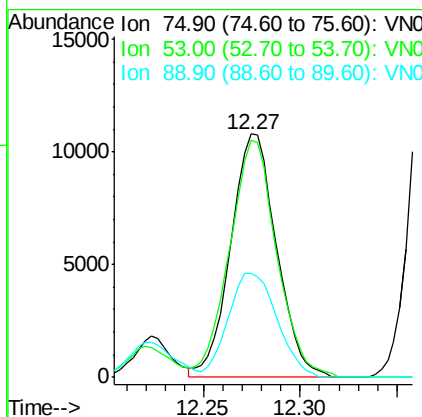
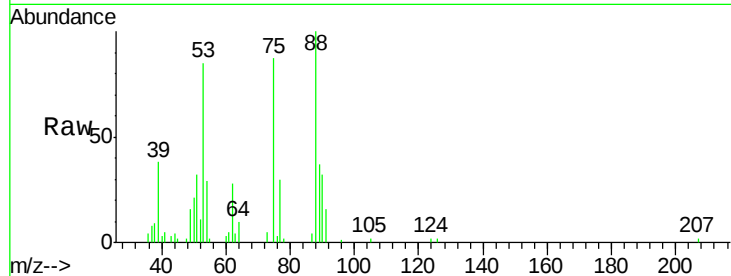
ClientSampleId :

VN0731WBS02

Tot Ion:	75	Resp:	17785
Ion	Ratio	Lower	Upper
75	100		
53	100.5	75.4	113.0
89	45.6	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.353 ug/l

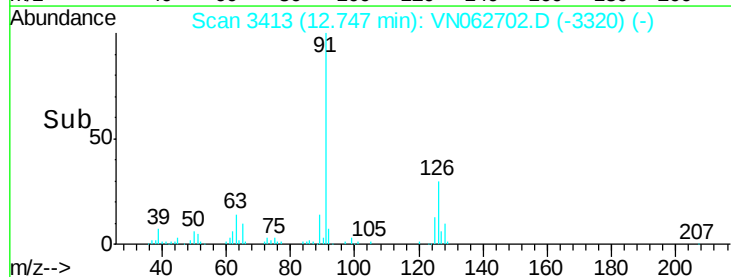
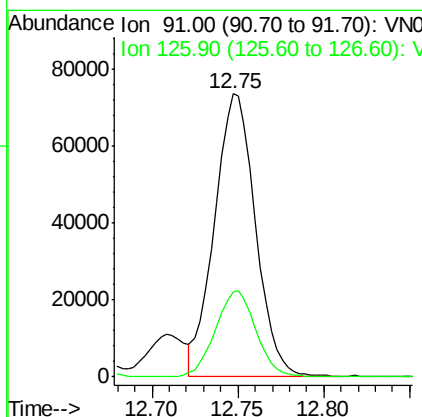
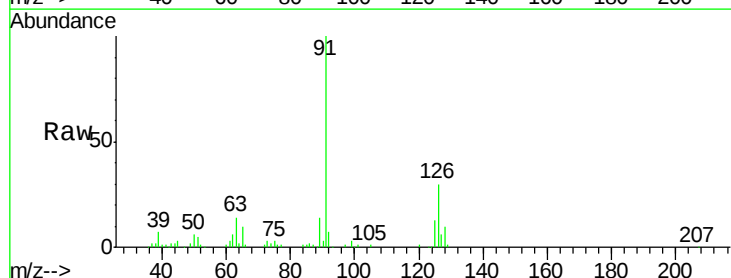
RT: 12.75 min Scan# 3413

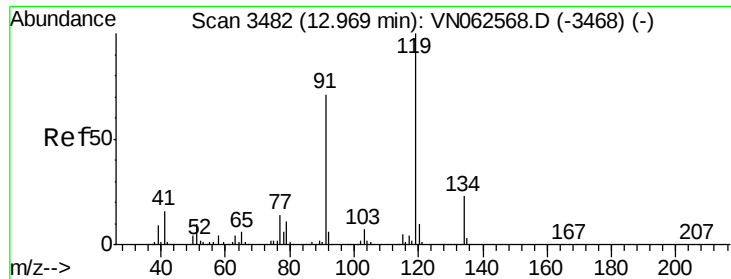
Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Tgt Ion:	91	Resp:	121699
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.4	46.4





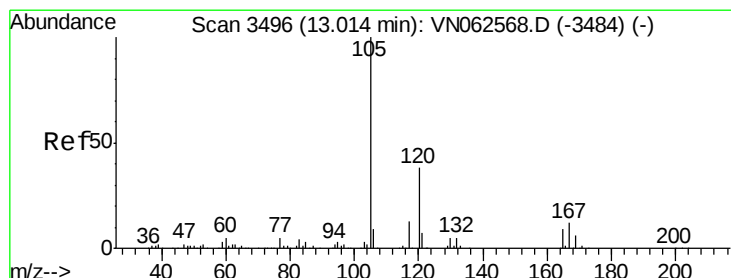
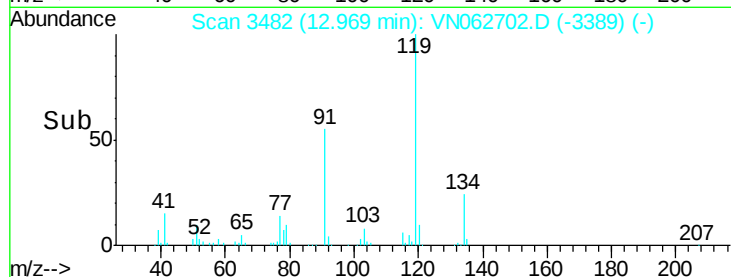
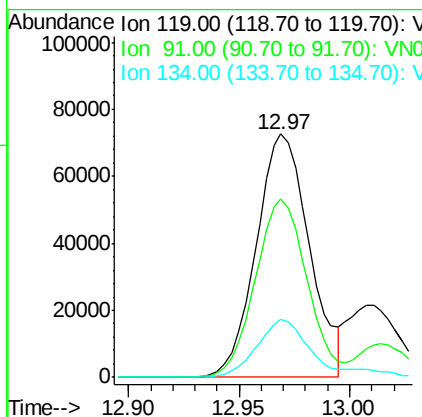
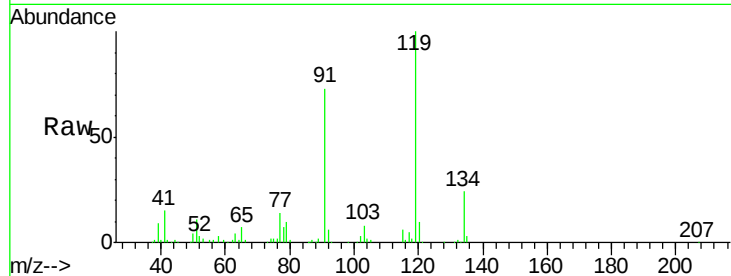
#83
 tert-Butylbenzene
 Concen: 19.952 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.3	34.6	103.8
134	23.0	11.5	34.4

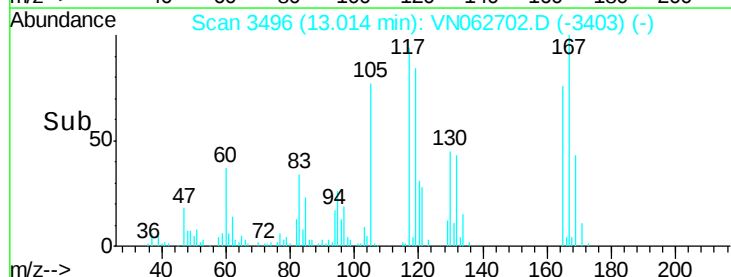
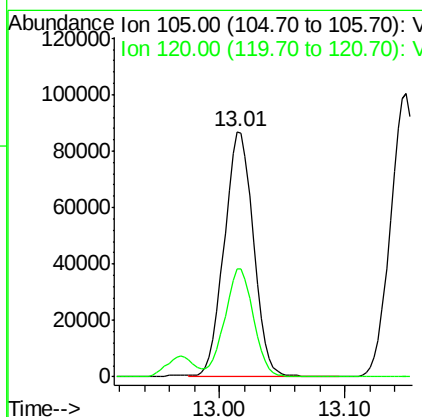
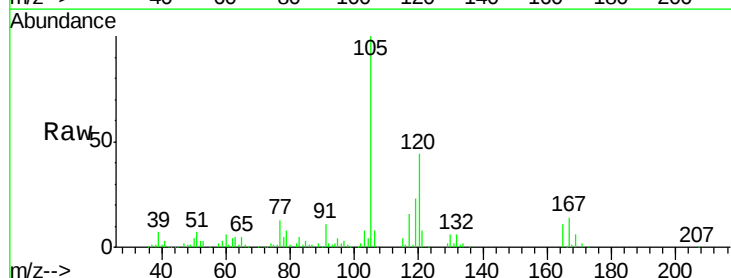
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.587 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.3





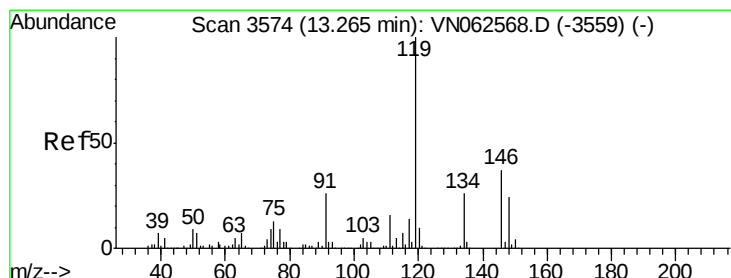
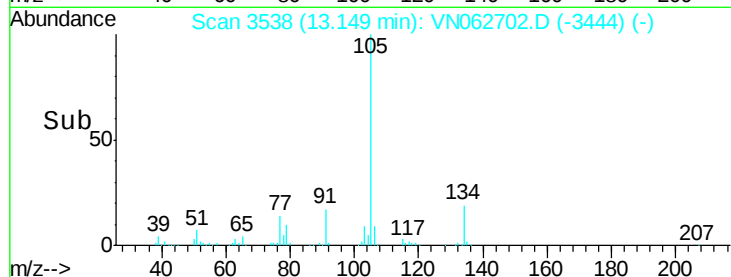
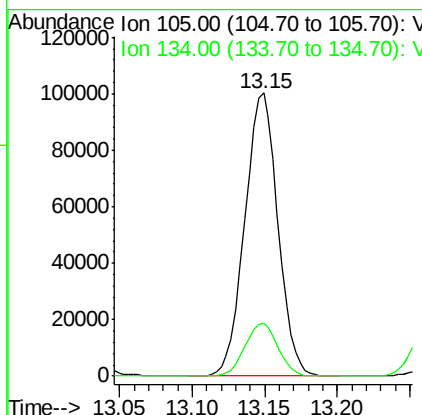
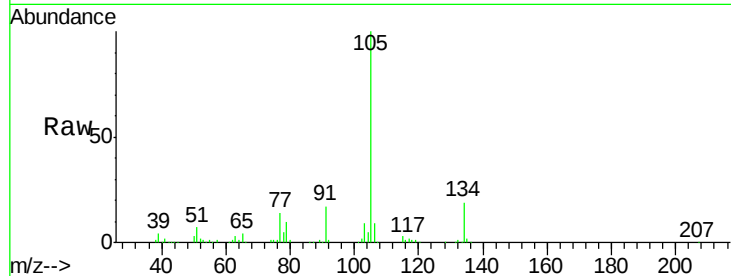
#85
 sec-Butylbenzene
 Concen: 19.589 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	159409		
134	18.6	9.5	28.5	

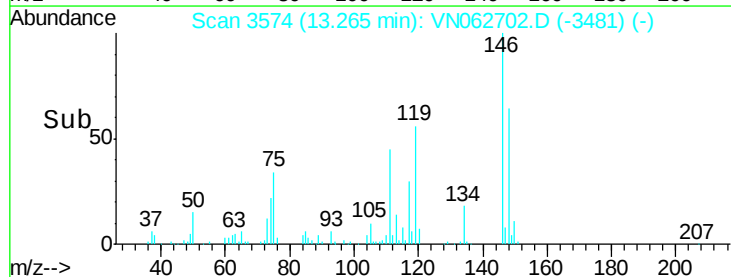
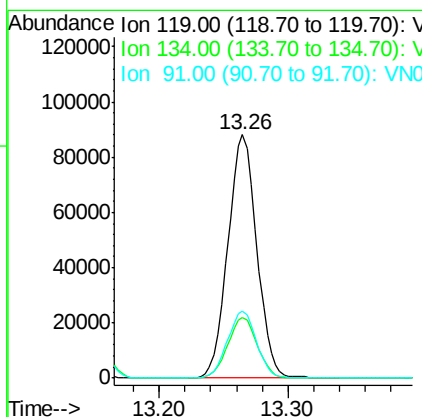
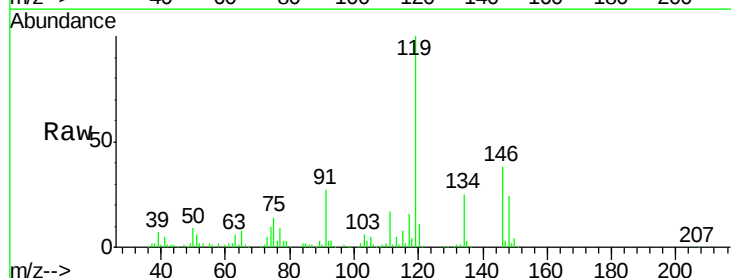
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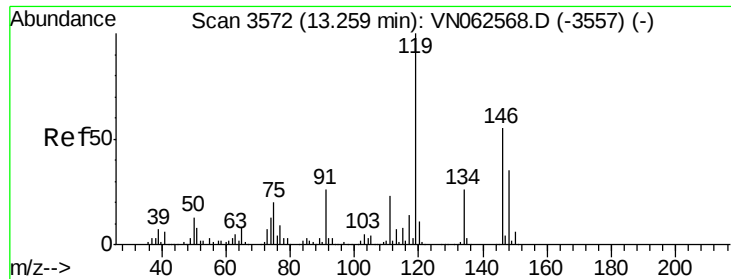
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#86
 p-Isopropyltoluene
 Concen: 19.565 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	136935		
134	25.4	12.8	38.4	
91	27.6	12.7	38.1	





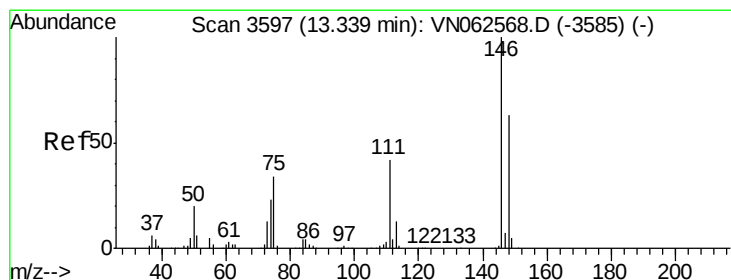
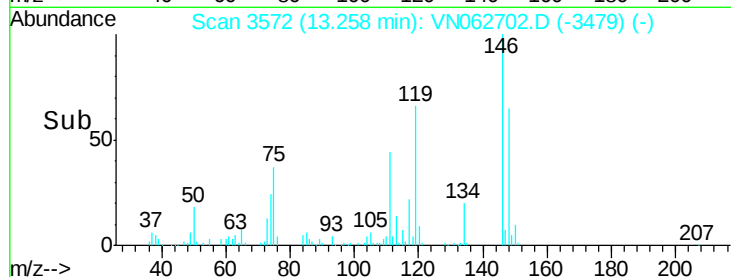
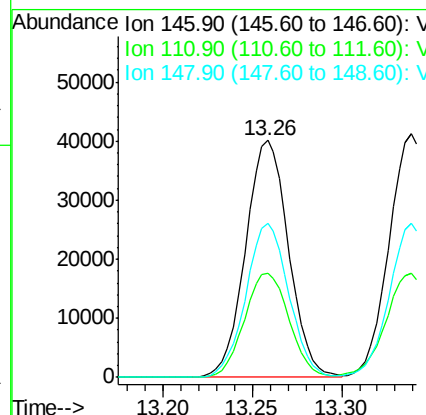
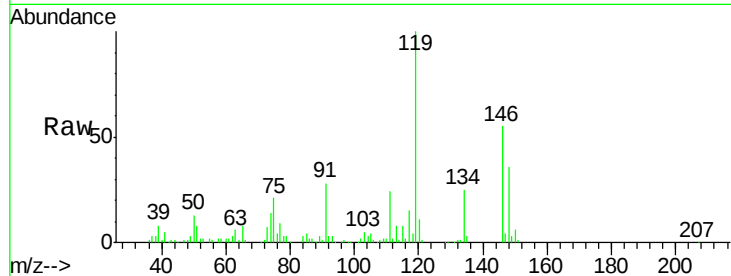
#87
 1,3-Dichlorobenzene
 Concen: 18.138 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	21.6	64.6
148	64.7	31.8	95.4

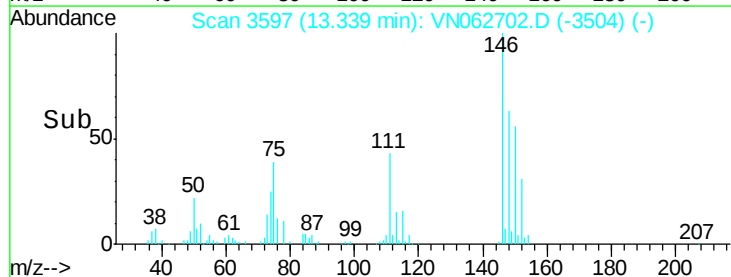
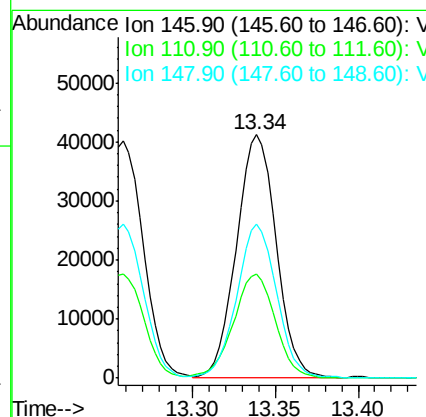
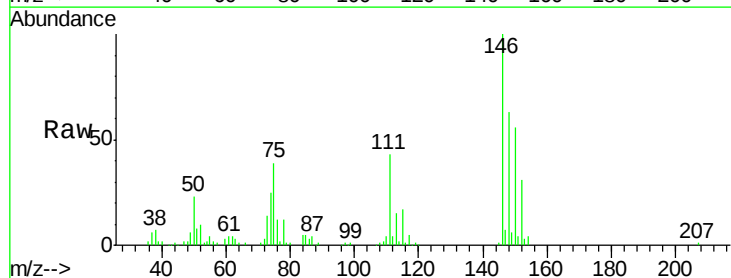
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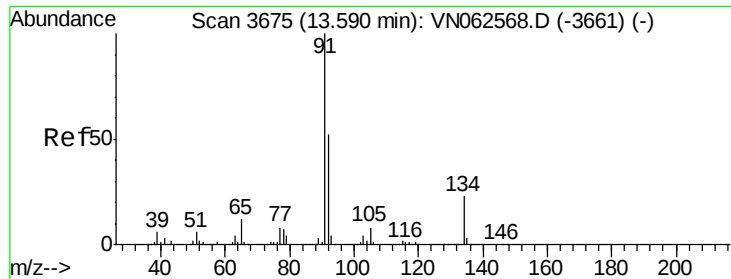
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#88
 1,4-Dichlorobenzene
 Concen: 18.772 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.1	21.1	63.1
148	63.8	31.6	94.8





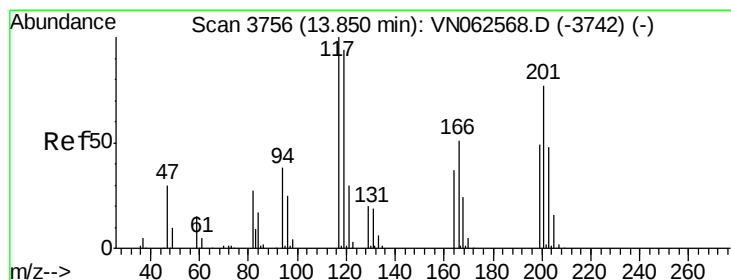
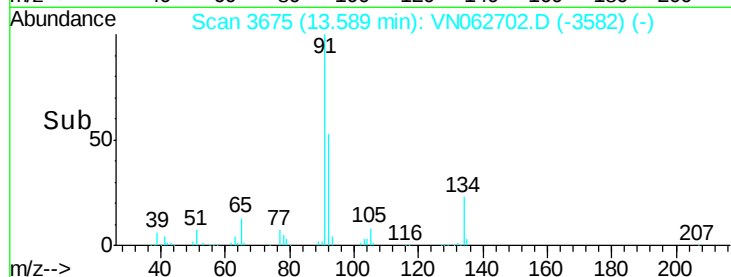
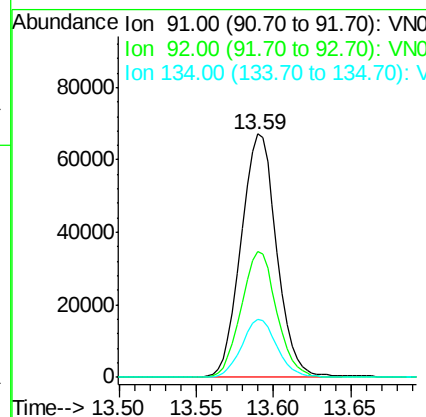
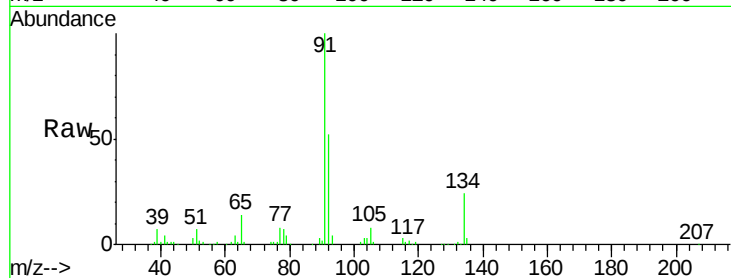
#89
n-Butylbenzene
Concen: 17.897 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.3
134	23.6	11.8	35.3

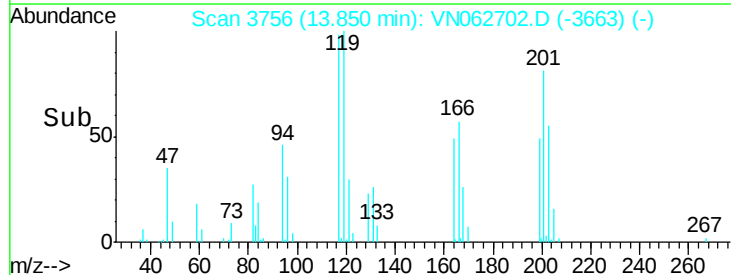
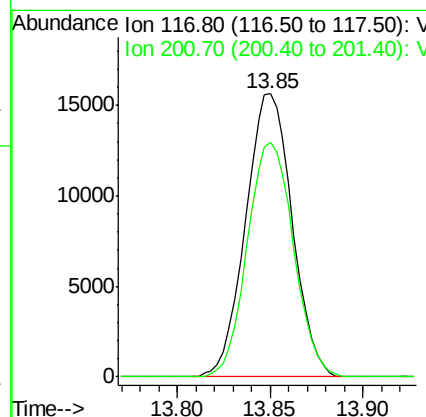
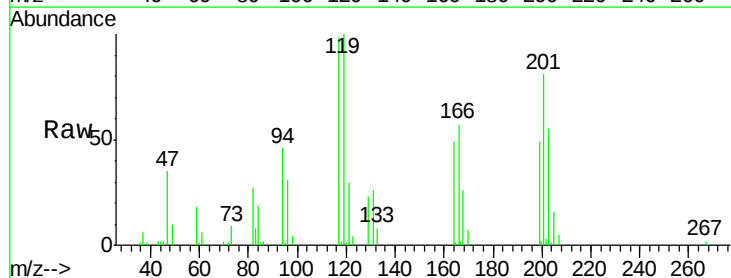
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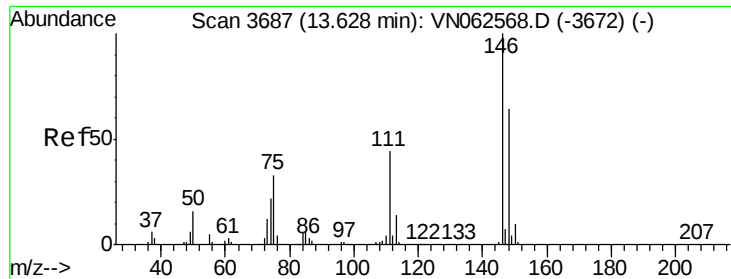
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#90
Hexachloroethane
Concen: 18.370 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.2	39.2	117.6





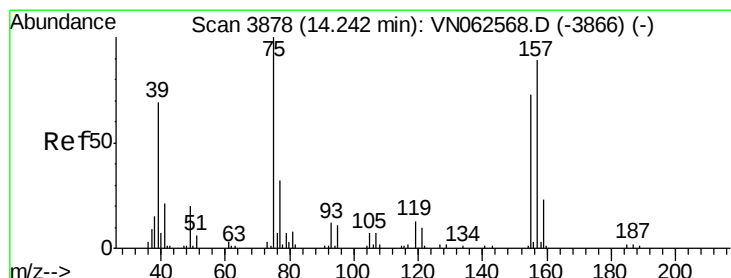
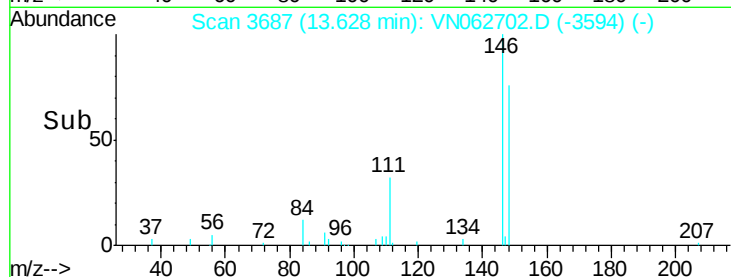
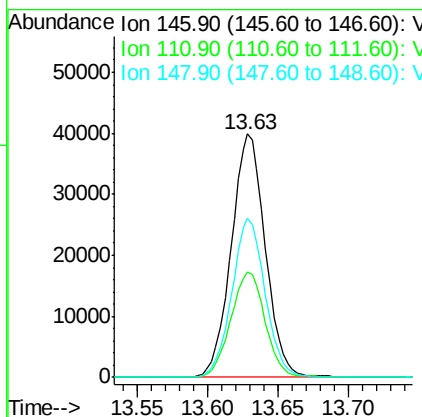
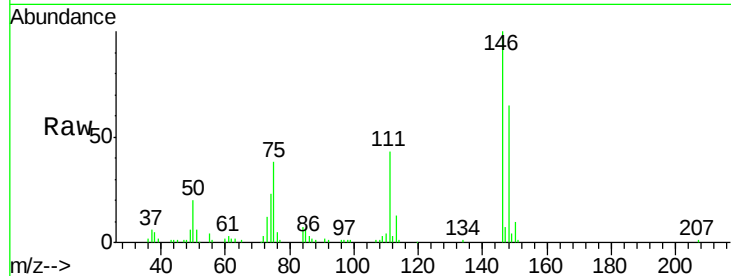
#91
 1,2-Dichlorobenzene
 Concen: 18.881 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.8
148	63.8	31.6	94.7

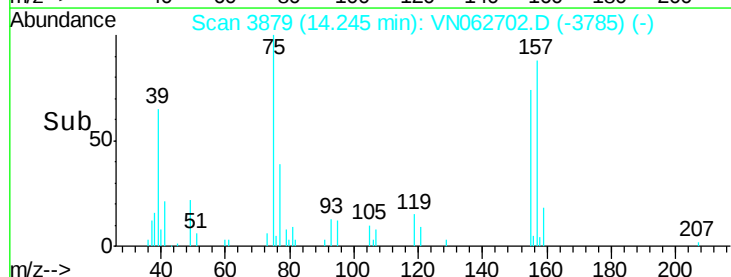
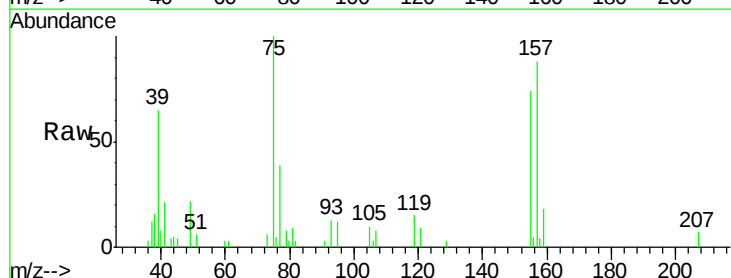
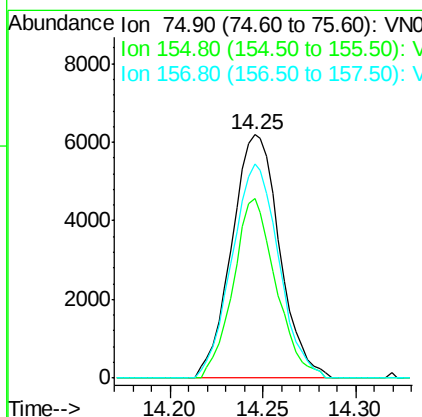
Manual Integrations
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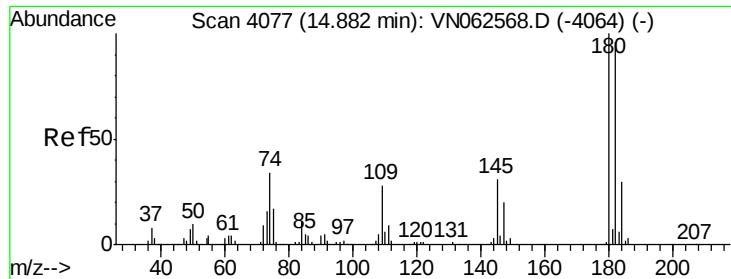
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 8/3/2020 5:03:17 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.960 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.9	35.9	107.5
157	86.4	45.0	135.0





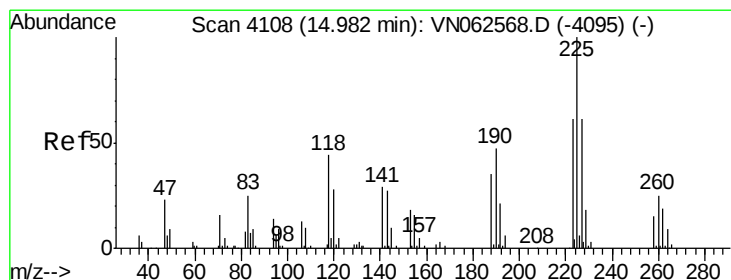
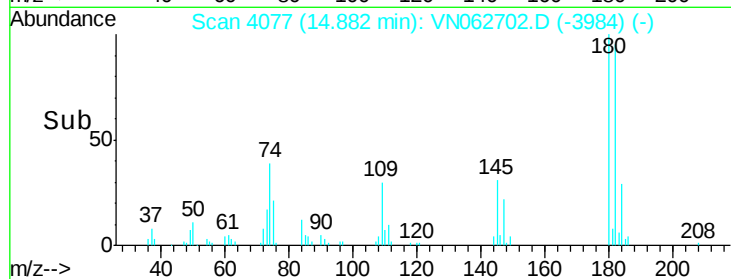
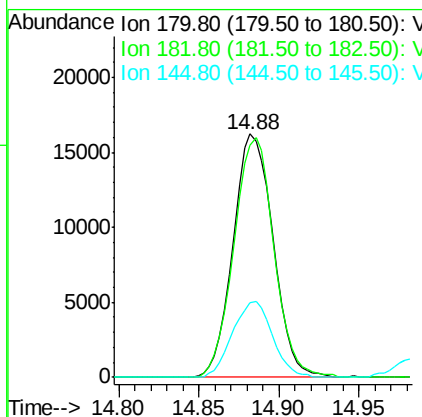
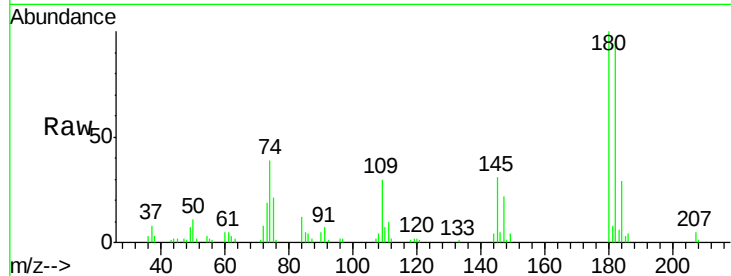
#93
 1,2,4-Trichlorobenzene
 Concen: 16.967 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.8	143.3
145	31.1	15.3	45.9

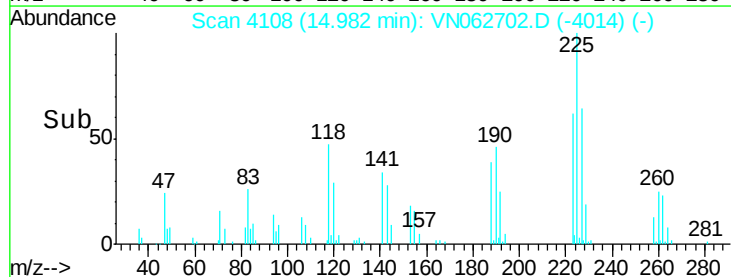
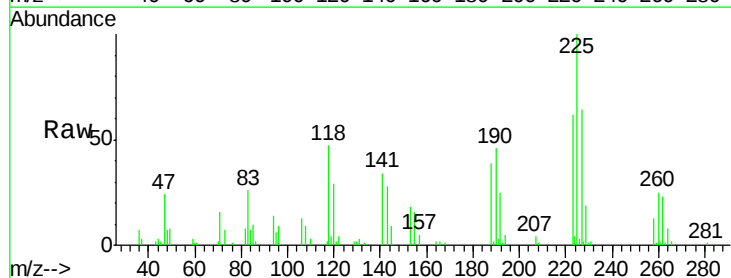
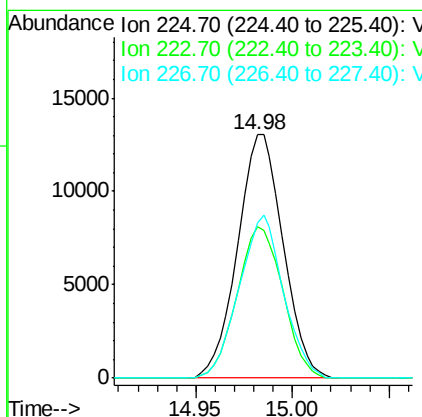
Manual Integrations
 APPROVED

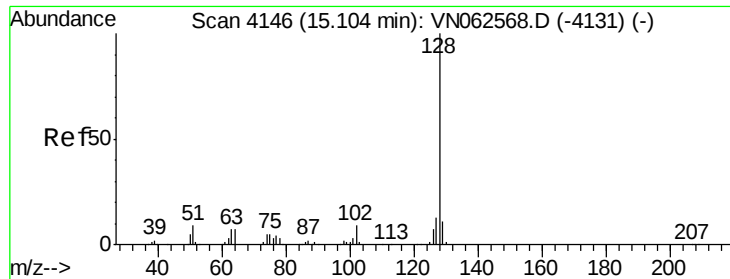
MMDadoda
 8/3/2020 5:03:17 PM



#94
 Hexachlorobutadiene
 Concen: 21.966 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.0	96.0
227	64.9	31.1	93.2





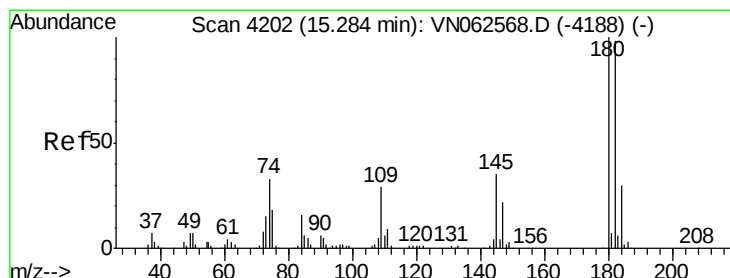
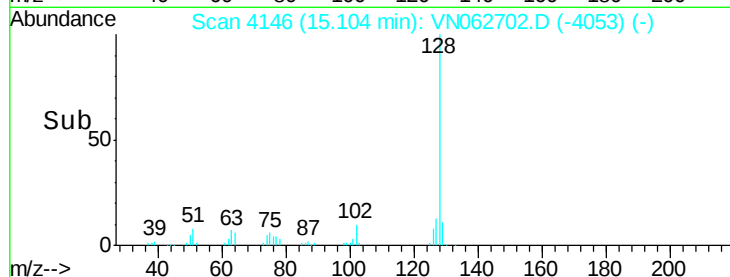
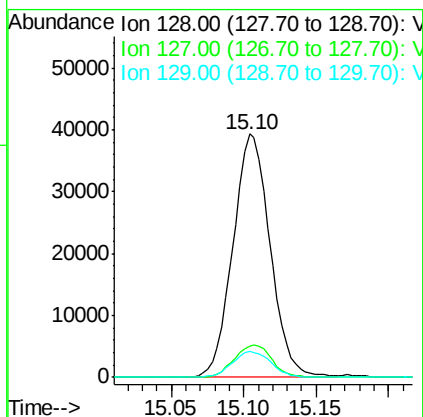
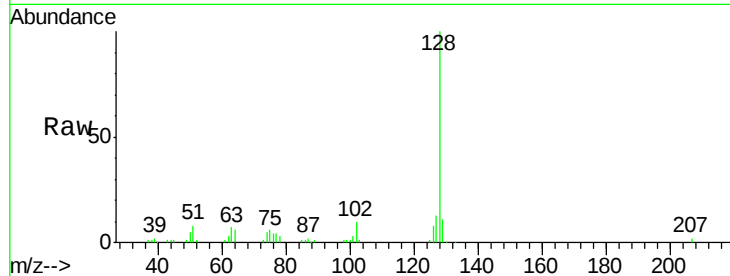
#95
Naphthalene
Concen: 16.822 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:03:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.008 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.3
145	33.4	16.7	50.1

