

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062676.D
 Acq On : 31 Jul 2020 11:28
 Operator : JC/MD
 Sample : VN0731WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 9:31:59 AM

Quant Time: Aug 01 06:31:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	155785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	236419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124825	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.55	113	84531	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.06	98	314386	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.38	95	119415	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32676	17.585	ug/l	99
3) Chloromethane	2.03	50	38513	15.281	ug/l	94
4) Vinyl Chloride	2.16	62	34175	15.642	ug/l	100
5) Bromomethane	2.51	94	19835	20.497	ug/l	99
6) Chloroethane	2.66	64	19800	20.034	ug/l	97
7) Trichlorofluoromethane	2.98	101	55497	21.634	ug/l	96
8) Diethyl Ether	3.37	74	20087	16.745	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29459	17.911	ug/l	94
10) Methyl Iodide	3.91	142	38515	18.317	ug/l	95
11) Tert butyl alcohol	4.73	59	34758	90.285	ug/l #	91
12) 1,1-Dichloroethene	3.69	96	28422	17.039	ug/l	99
13) Acrolein	3.56	56	16340	47.761	ug/l	98
14) Allyl chloride	4.27	41	59605	16.519	ug/l	95
15) Acrylonitrile	4.93	53	95142	92.267	ug/l	100
16) Acetone	3.77	43	85448	93.829	ug/l	99
17) Carbon Disulfide	4.00	76	86267	15.740	ug/l	100
18) Methyl Acetate	4.27	43	46544	20.189	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	119685	19.494	ug/l	99
20) Methylene Chloride	4.50	84	38452	17.605	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	33575	18.135	ug/l	89
22) Diisopropyl ether	5.90	45	126910	17.695	ug/l	94
23) Vinyl Acetate	5.84	43	522798	88.961	ug/l	98
24) 1,1-Dichloroethane	5.80	63	70248	18.189	ug/l	98
25) 2-Butanone	6.78	43	124211	89.558	ug/l	100
26) 2,2-Dichloropropane	6.77	77	61852	19.509	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	38119	18.044	ug/l	99
28) Bromochloromethane	7.15	49	35024	18.427	ug/l	98
29) Tetrahydrofuran	7.17	42	81808	87.170	ug/l	95
30) Chloroform	7.33	83	71422	19.450	ug/l	100
31) Cyclohexane	7.61	56	57973	16.258	ug/l #	89
32) 1,1,1-Trichloroethane	7.53	97	63310	20.650	ug/l	99
36) 1,1-Dichloropropene	7.75	75	51341	19.184	ug/l	98
37) Ethyl Acetate	6.88	43	54251	18.806	ug/l	99
38) Carbon Tetrachloride	7.73	117	55691	21.650	ug/l	97

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MMDadoda
 8/3/2020 9:31:59 AM

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 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)
39) Methylcyclohexane	9.05	83	52293	18.152	ug/l	97
40) Benzene	8.00	78	148043	18.272	ug/l	99
41) Methacrylonitrile	7.12	41	20269	16.394	ug/l #	88
42) 1,2-Dichloroethane	8.08	62	62981	21.263	ug/l	99
43) Isopropyl Acetate	8.12	43	87839	18.888	ug/l #	91
44) Trichloroethene	8.80	130	34465	18.863	ug/l	100
45) 1,2-Dichloropropane	9.08	63	42539	18.700	ug/l	97
46) Dibromomethane	9.17	93	26617	20.245	ug/l	97
47) Bromodichloromethane	9.37	83	58697	20.607	ug/l	96
48) Methyl methacrylate	9.17	41	42028	19.011	ug/l	97
49) 1,4-Dioxane	9.17	88	12739	375.191	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	266631	95.822	ug/l	99
52) Toluene	10.12	92	90600	19.258	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	63374	19.986	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	64674	19.008	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	36168	19.820	ug/l	96
56) Ethyl methacrylate	10.40	69	55642	18.149	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66133	19.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	81117	93.347	ug/l	98
59) 2-Hexanone	10.72	43	189565	90.007	ug/l	99
60) Dibromochloromethane	10.87	129	42515	20.884	ug/l	97
61) 1,2-Dibromoethane	10.98	107	36701	19.314	ug/l	98
64) Tetrachloroethene	10.60	164	29476	19.189	ug/l	97
65) Chlorobenzene	11.40	112	95233	19.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	36855	19.766	ug/l	98
67) Ethyl Benzene	11.48	91	172684	19.002	ug/l	98
68) m/p-Xylenes	11.59	106	127897	39.156	ug/l	99
69) o-Xylene	11.92	106	60497	19.505	ug/l	99
70) Styrene	11.94	104	103838	19.818	ug/l	98
71) Bromoform	12.10	173	28427	20.305	ug/l #	97
73) Isopropylbenzene	12.22	105	165999	19.468	ug/l	99
74) N-amyl acetate	12.05	43	73761	19.371	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	54952	18.546	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	54427m	19.829	ug/l	
77) Bromobenzene	12.50	156	39632	19.341	ug/l	98
78) n-propylbenzene	12.57	91	191253	19.148	ug/l	100
79) 2-Chlorotoluene	12.65	91	119418	19.401	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	145699	20.600	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	19083	19.354	ug/l	95
82) 4-Chlorotoluene	12.75	91	124803	19.479	ug/l	98
83) tert-Butylbenzene	12.97	119	118566	20.188	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	140648	20.271	ug/l	97
85) sec-Butylbenzene	13.15	105	161252	20.508	ug/l	99
86) p-Isopropyltoluene	13.26	119	140599	20.791	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	70108	19.497	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69324	19.584	ug/l	98
89) n-Butylbenzene	13.59	91	113406	19.517	ug/l	99
90) Hexachloroethane	13.85	117	27978	19.434	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	67995	19.775	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10887	20.237	ug/l	97

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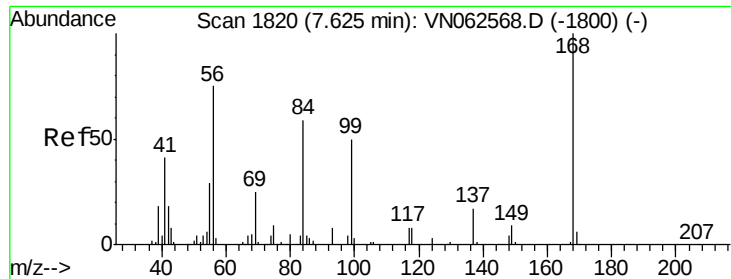
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	26774	16.994	ug/l	98
94) Hexachlorobutadiene	14.98	225	20656	21.963	ug/l	99
95) Naphthalene	15.10	128	67424	16.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	27657	17.068	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion:168 Resp: 155785

Ion Ratio Lower Upper

168 100

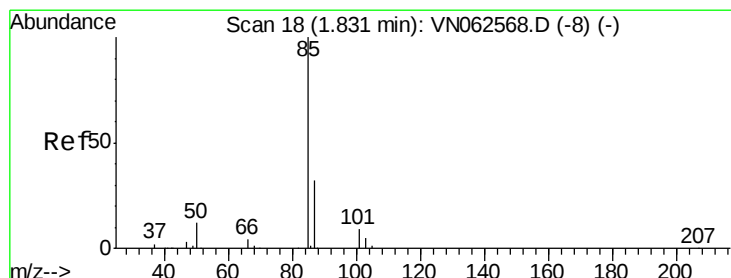
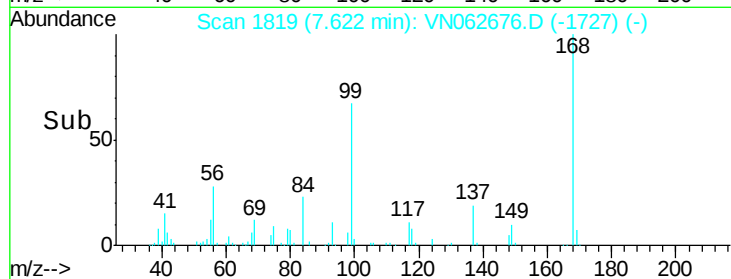
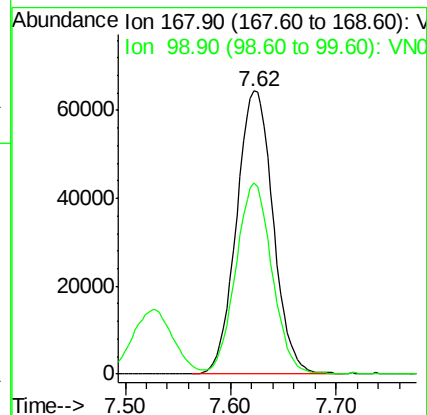
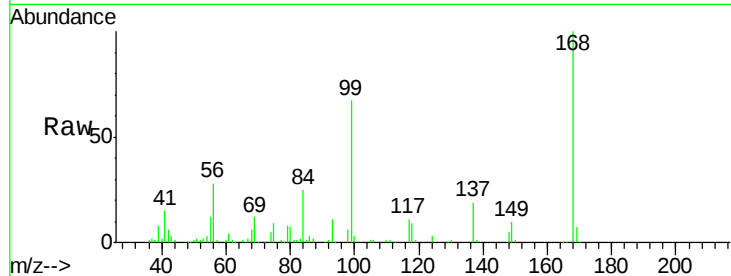
99 67.1 48.4 72.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.585 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062676.D

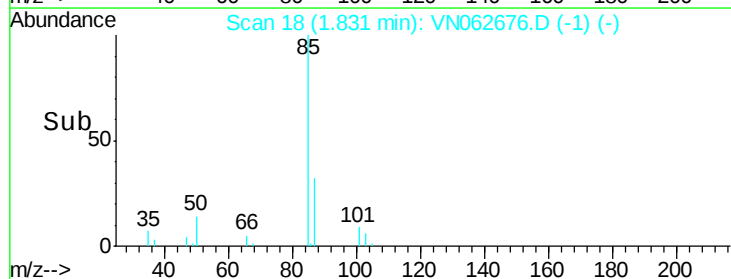
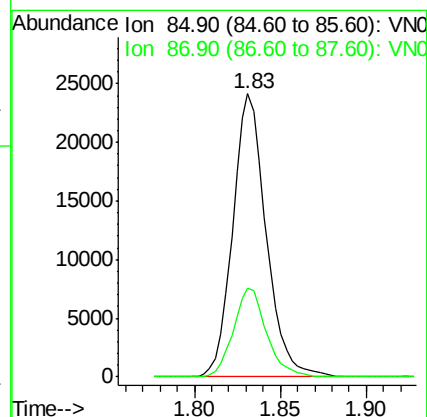
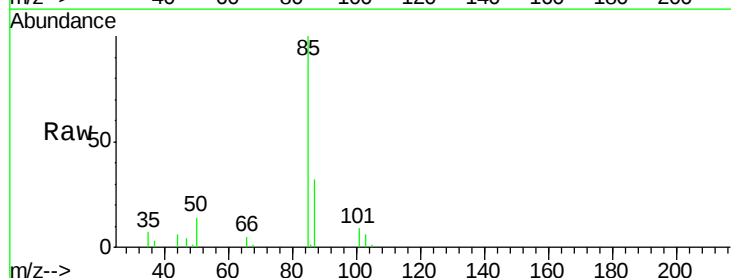
Acq: 31 Jul 2020 11:28

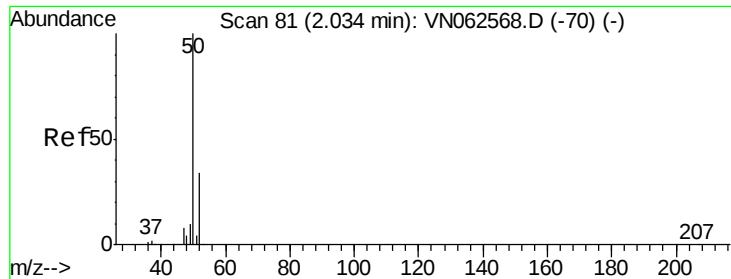
Tgt Ion: 85 Resp: 32676

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0





#3

Chloromethane

Concen: 15.281 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion: 50 Resp: 38513

Ion Ratio Lower Upper

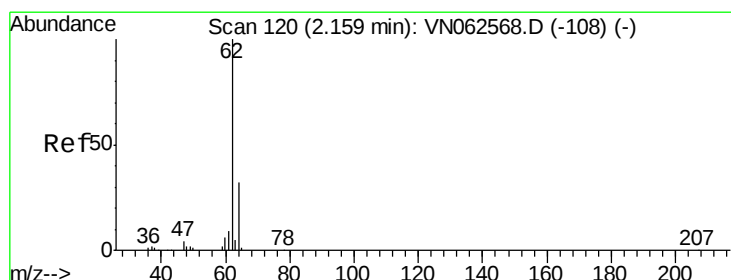
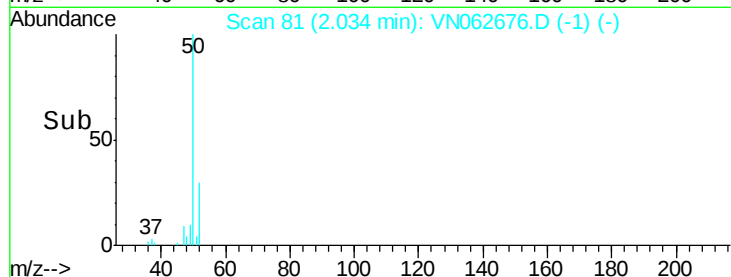
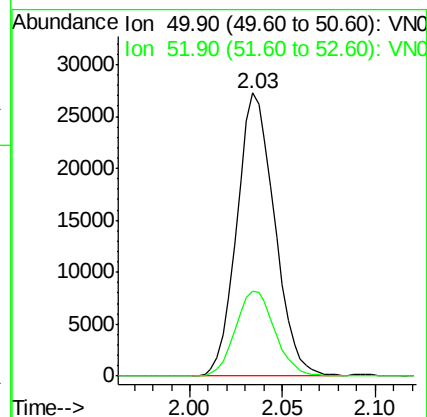
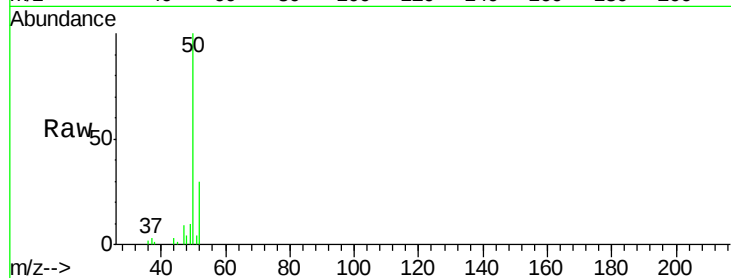
50 100

52 30.0 27.0 40.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 15.642 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062676.D

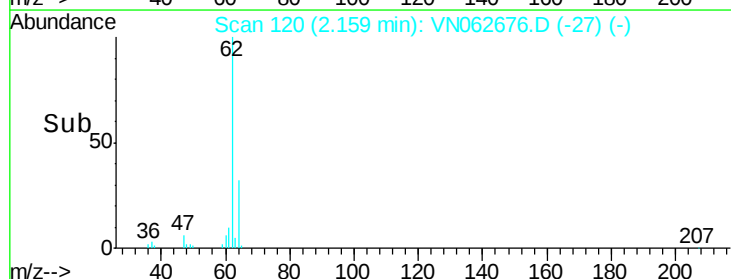
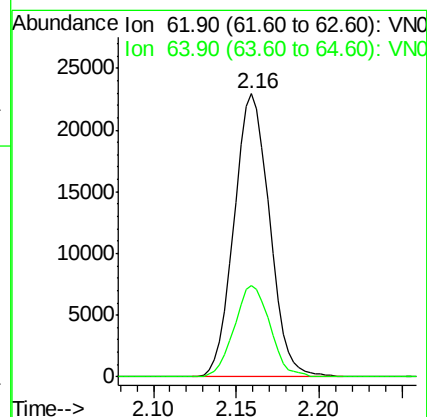
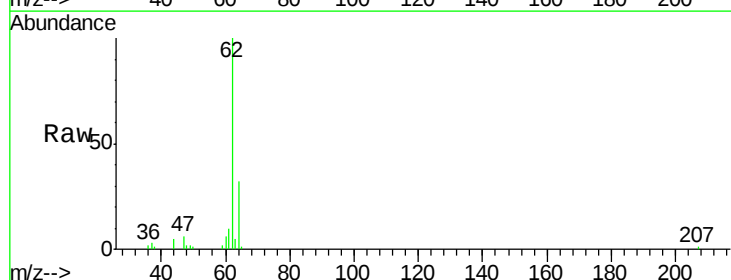
Acq: 31 Jul 2020 11:28

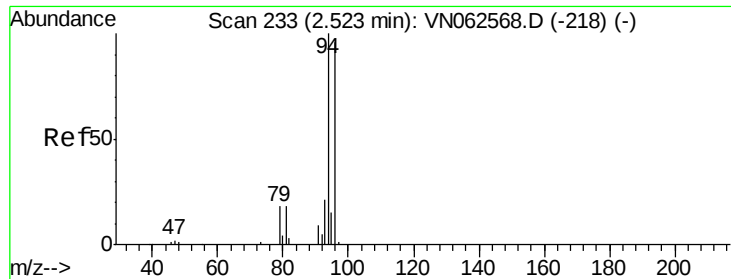
Tgt Ion: 62 Resp: 34175

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 20.497 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.01 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

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VN0731WBSD01

Tot Ion: 94 Resp: 19835

Ion Ratio Lower Upper

94 100

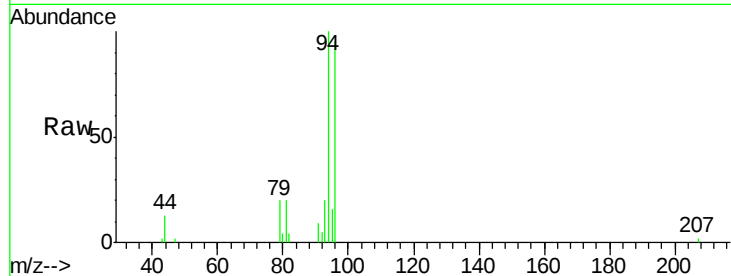
96 94.9 76.6 114.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

12000

10000

8000

6000

4000

2000

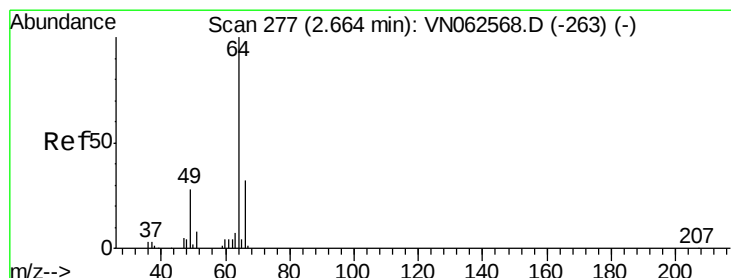
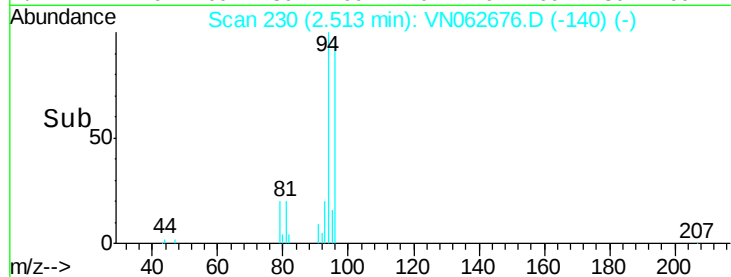
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Time-->

2.45

2.50

2.55



#6

Chloroethane

Concen: 20.034 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062676.D

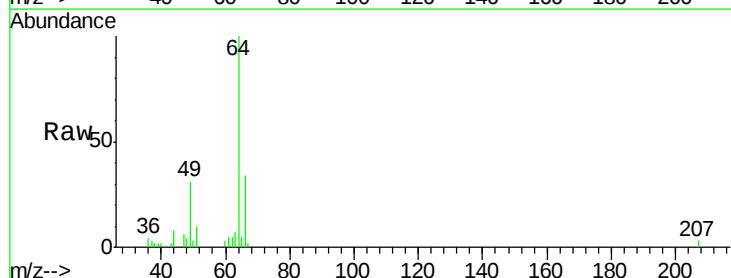
Acq: 31 Jul 2020 11:28

Tgt Ion: 64 Resp: 19800

Ion Ratio Lower Upper

64 100

66 34.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

10000

8000

6000

4000

2000

0

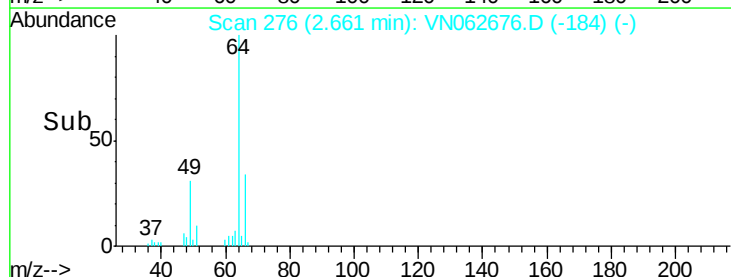
Time-->

2.60

2.65

2.70

2.75





#7

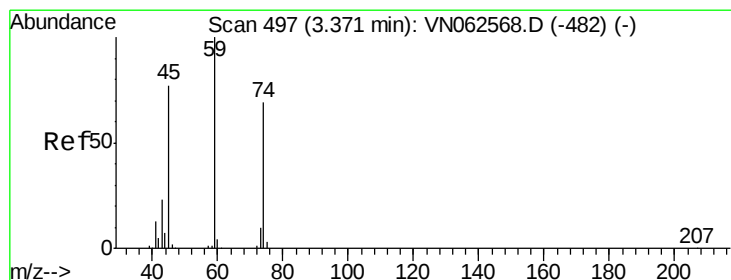
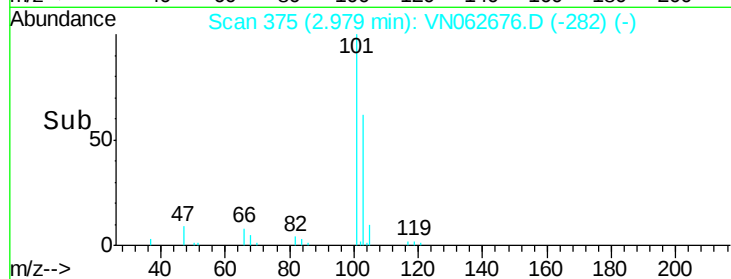
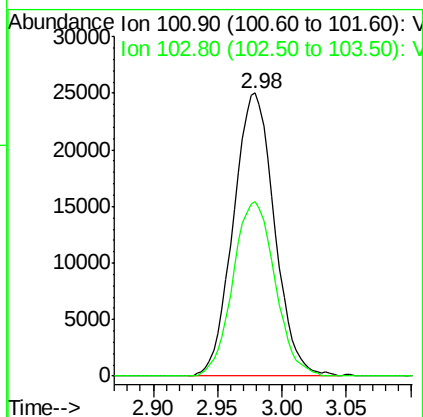
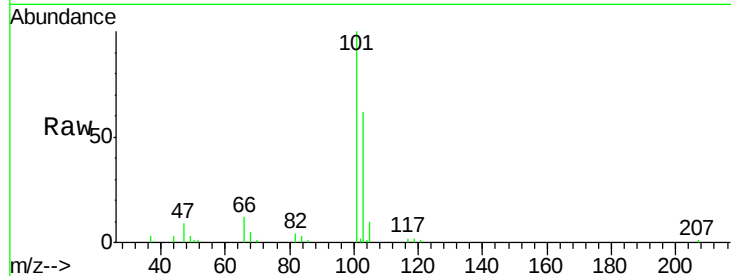
Trichlorofluoromethane
 Concen: 21.634 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

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 VN0731WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		55497		
103	61.5	51.5	77.3		

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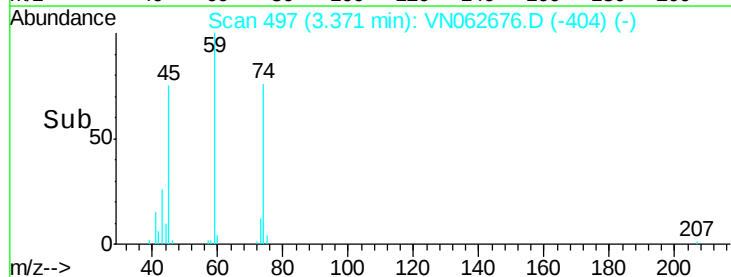
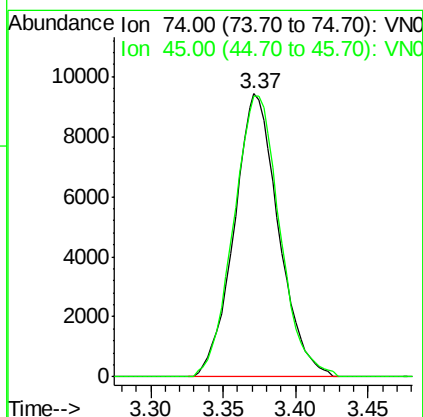
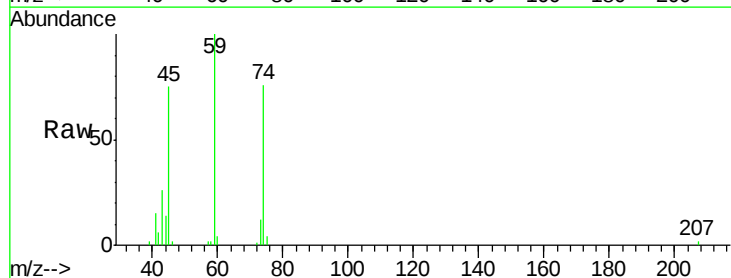
MMDadoda
 8/3/2020 9:31:59 AM

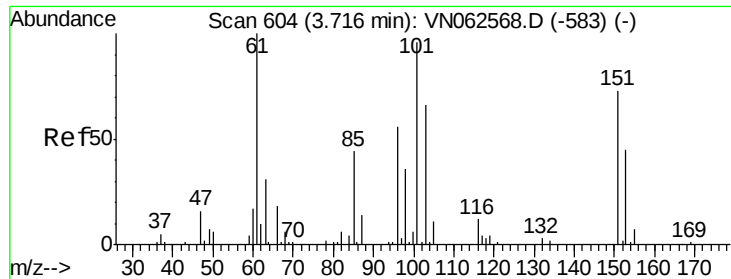


#8

Diethyl Ether
 Concen: 16.745 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		20087		
45	103.0	55.3	165.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.911 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

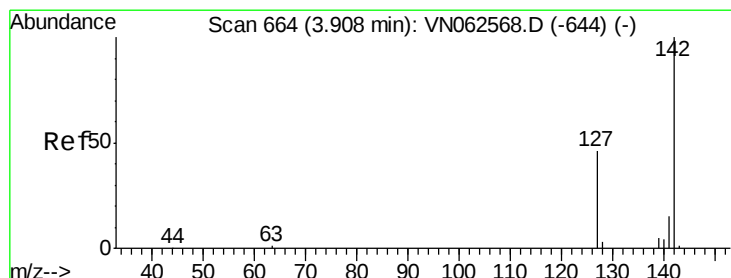
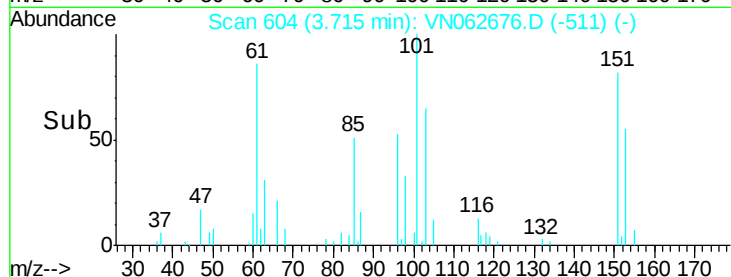
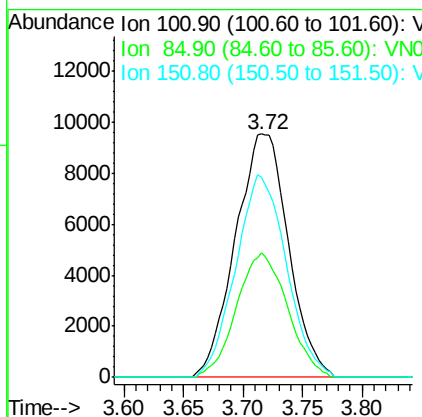
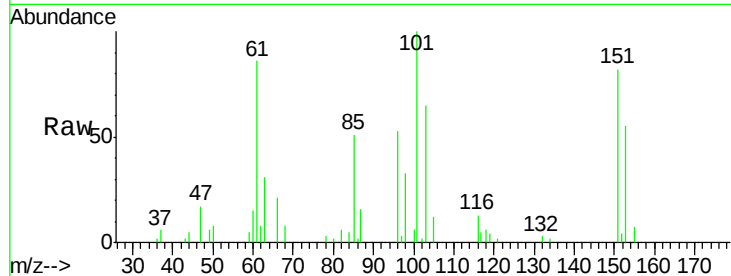
ClientSampleId :

VN0731WBSD01

Tot Ion:	101	Resp:	29459
Ion Ratio	Lower	Upper	
101	100		
85	49.0	36.0	54.0
151	79.6	60.0	90.0

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8/3/2020 9:31:59 AM



#10

Methyl Iodide

Concen: 18.317 ug/l

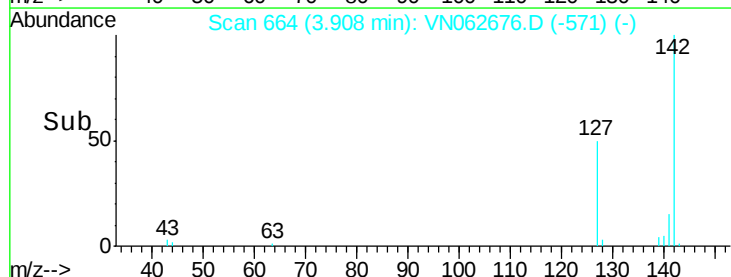
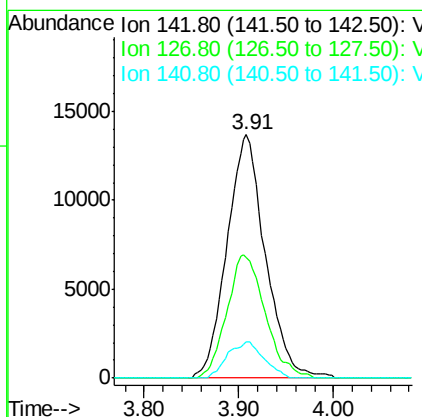
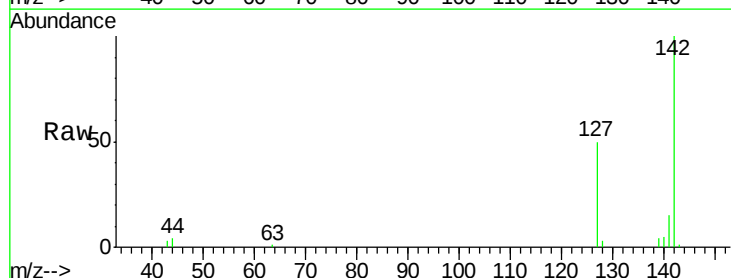
RT: 3.91 min Scan# 664

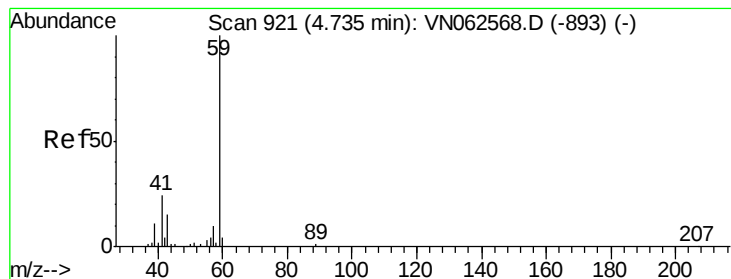
Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion:	142	Resp:	38515
Ion Ratio	Lower	Upper	
142	100		
127	50.5	37.4	56.0
141	14.2	11.9	17.9





#11

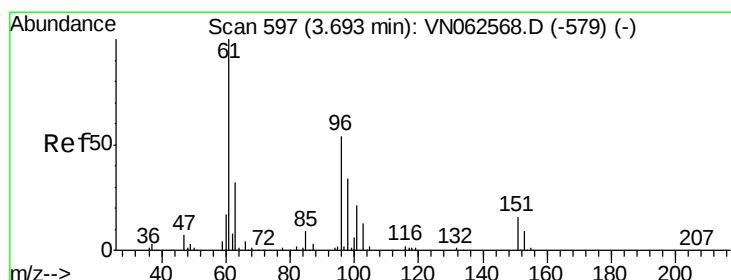
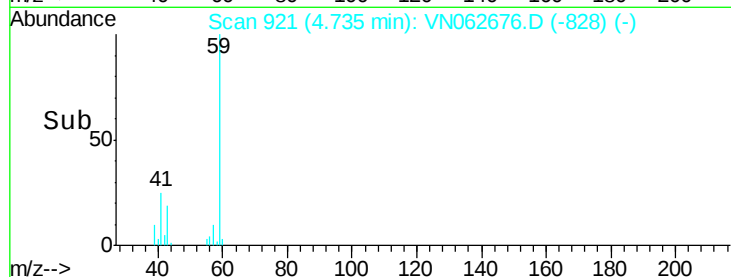
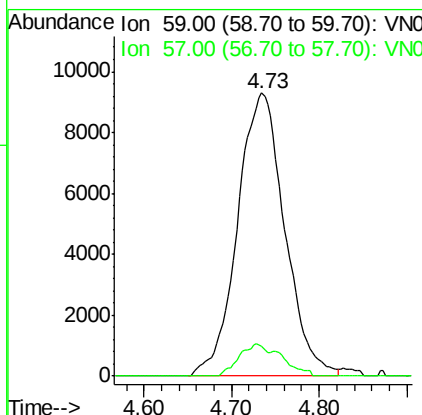
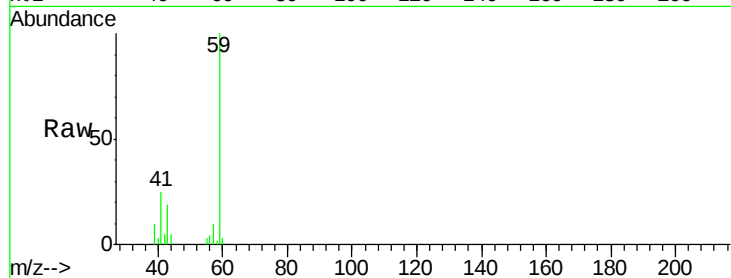
Tert butyl alcohol
 Concen: 90.285 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.9	8.2	12.2#

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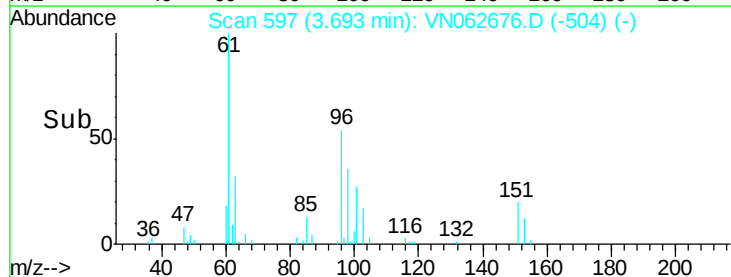
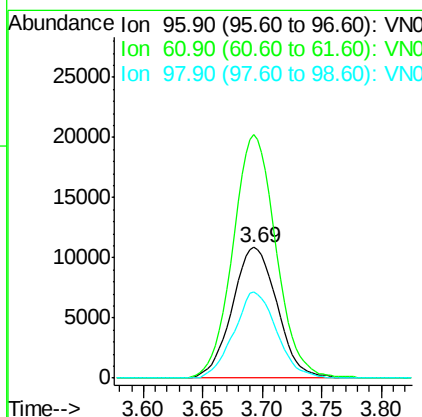
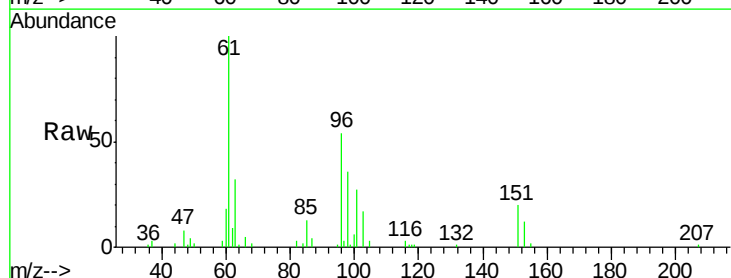
MMDadoda
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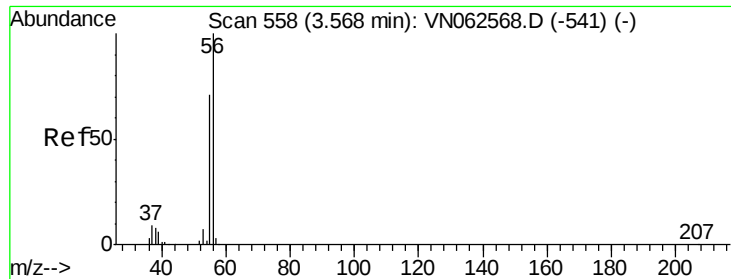


#12

1,1-Dichloroethene
 Concen: 17.039 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.5	148.6	222.8
98	66.4	50.6	75.8





#13

Acrolein

Concen: 47.761 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion: 56 Resp: 16340

Ion Ratio Lower Upper

56 100

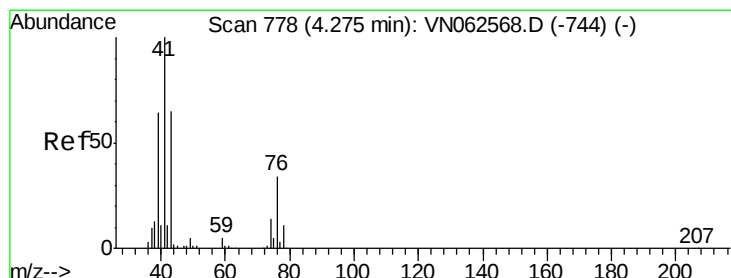
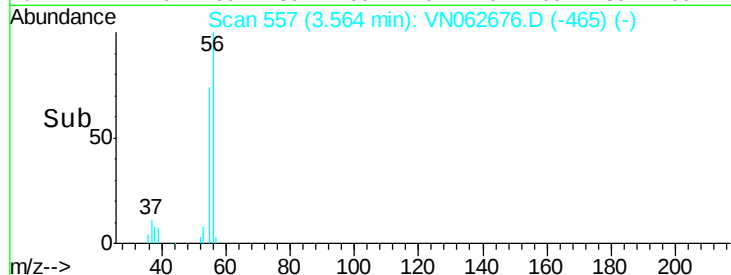
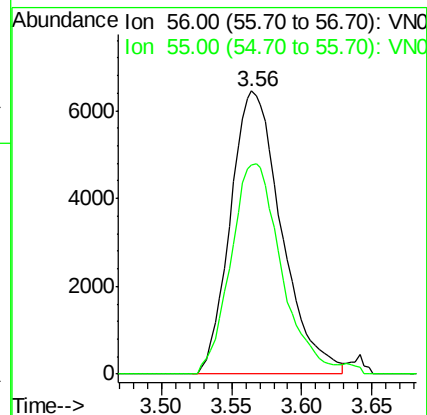
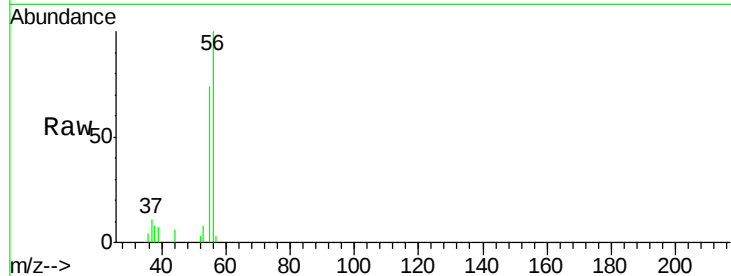
55 73.2 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 16.519 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

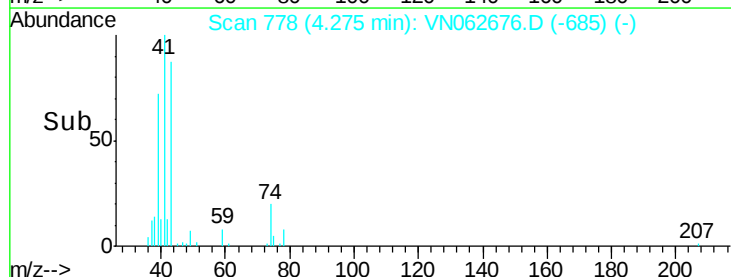
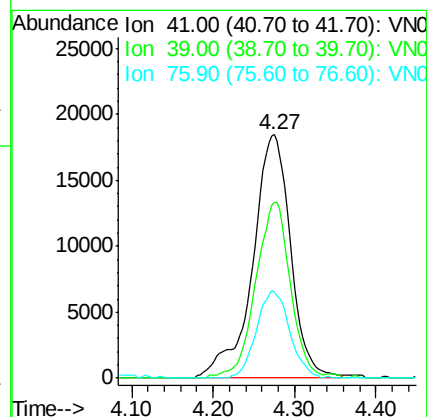
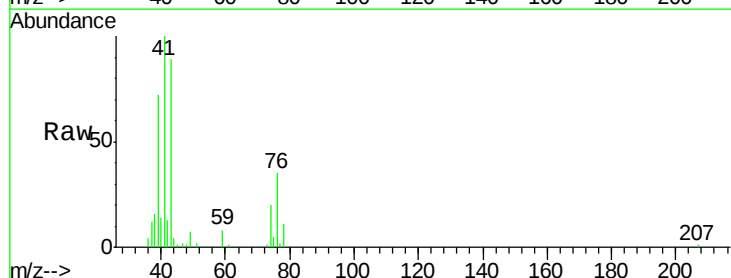
Tgt Ion: 41 Resp: 59605

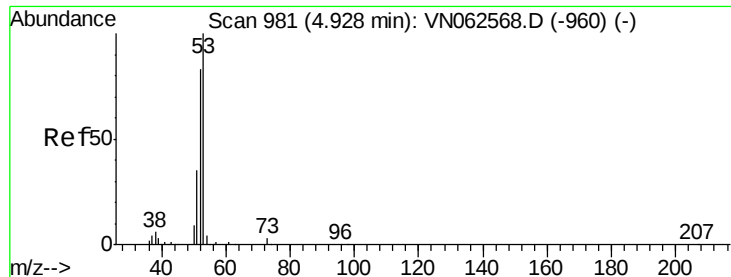
Ion Ratio Lower Upper

41 100

39 65.7 49.0 73.4

76 31.3 24.0 36.0





#15

Acrylonitrile

Concen: 92.267 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

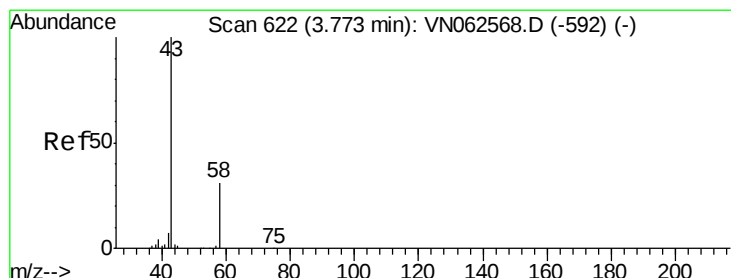
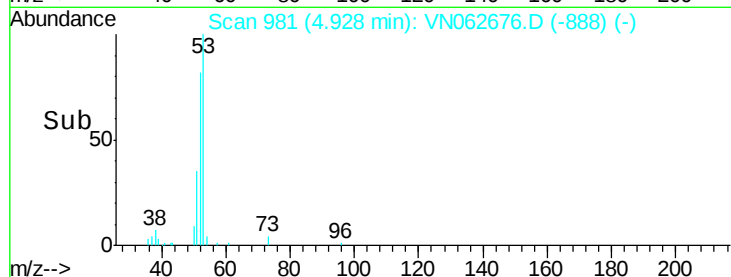
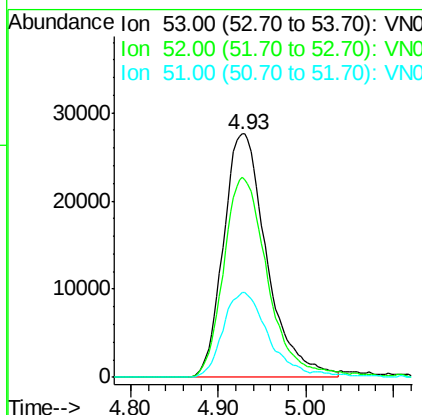
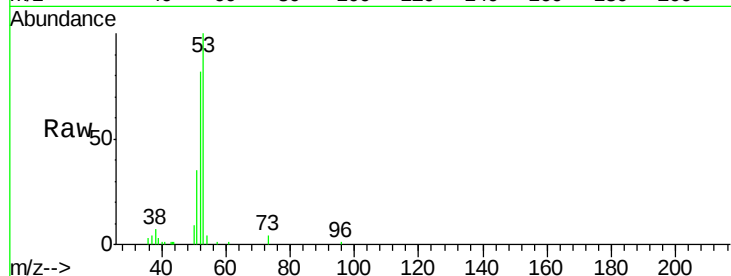
ClientSampleId :

VN0731WBSD01

Tot Ion:	53	Resp:	95142
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.3	99.5
51	35.6	28.6	43.0

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#16

Acetone

Concen: 93.829 ug/l

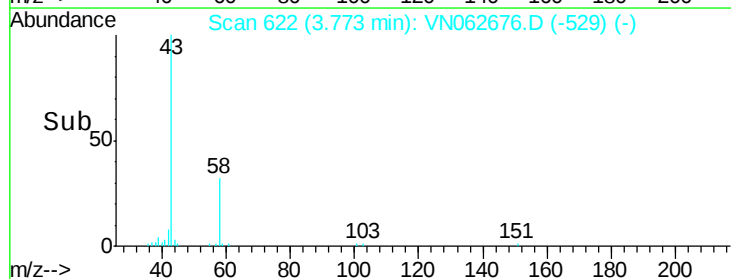
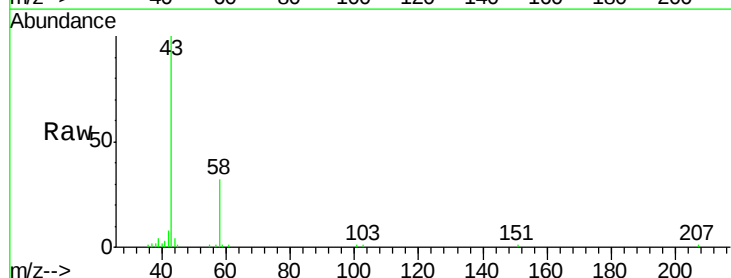
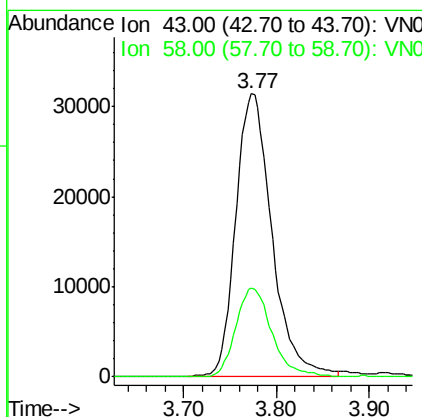
RT: 3.77 min Scan# 622

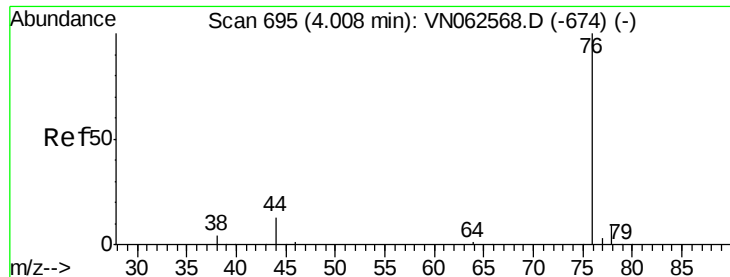
Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion:	43	Resp:	85448
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.6	37.0





#17

Carbon Disulfide

Concen: 15.740 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion: 76 Resp: 86267

Ion Ratio Lower Upper

76 100

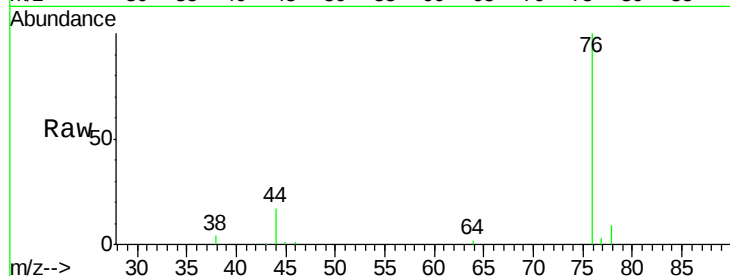
78 9.1 7.3 10.9

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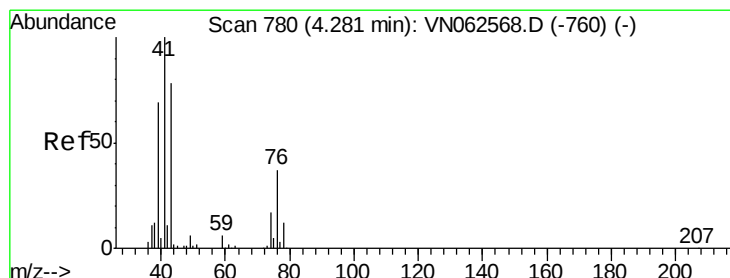
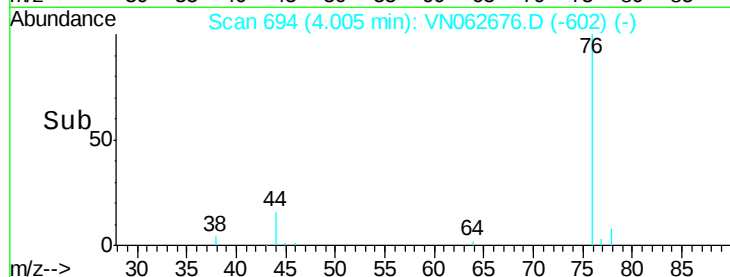
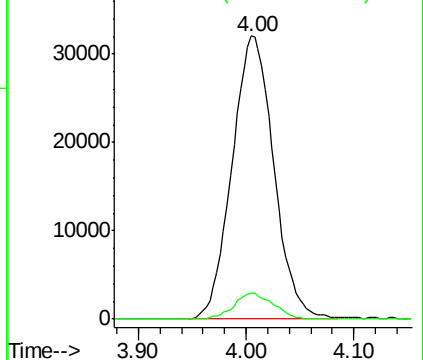
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.189 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.01 min

Lab File: VN062676.D

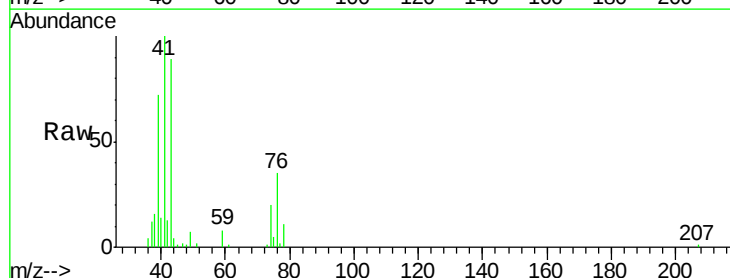
Acq: 31 Jul 2020 11:28

Tgt Ion: 43 Resp: 46544

Ion Ratio Lower Upper

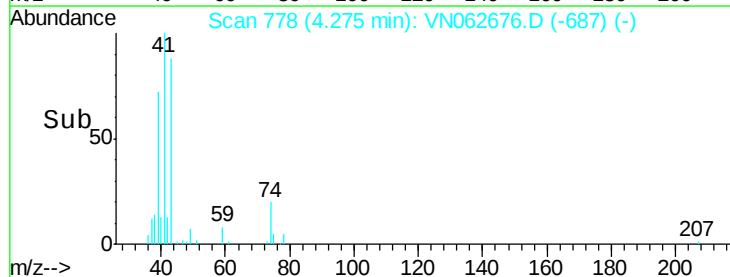
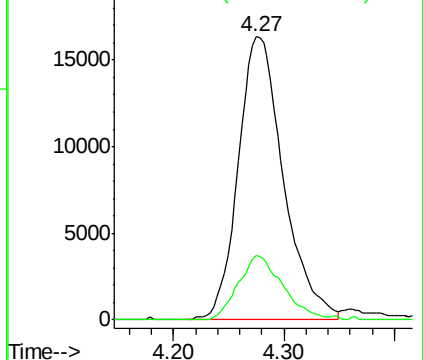
43 100

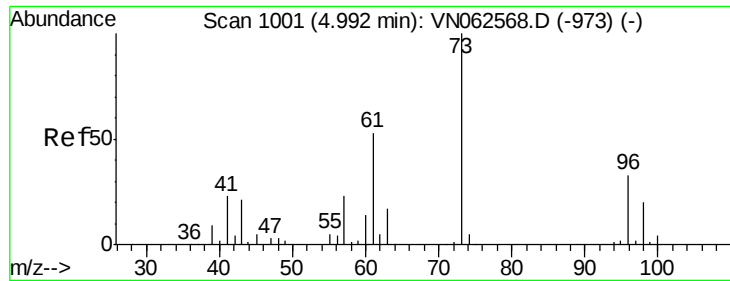
74 22.3 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





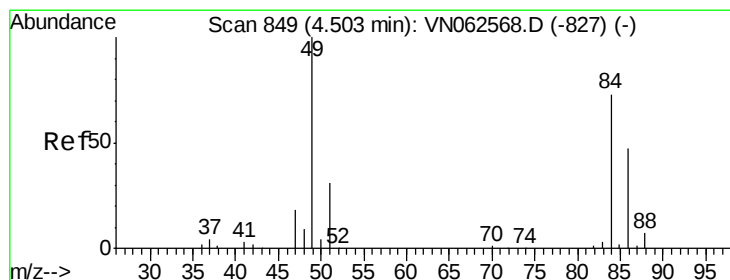
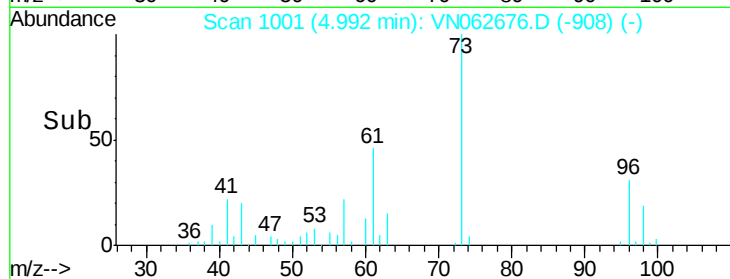
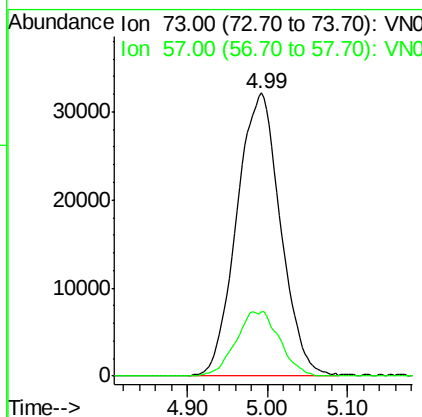
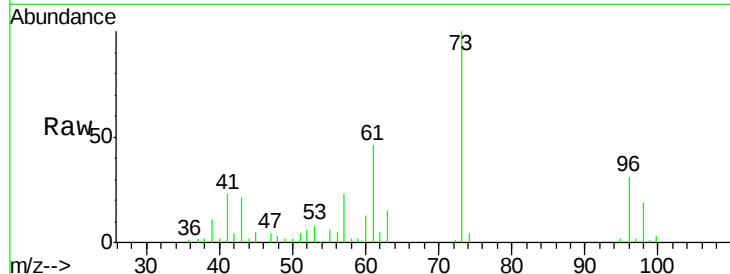
#19
Methvl tert-butvl Ether
Concen: 19.494 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion: 73 Resp: 119685
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8

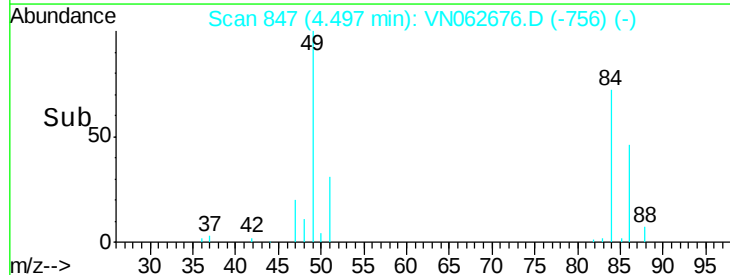
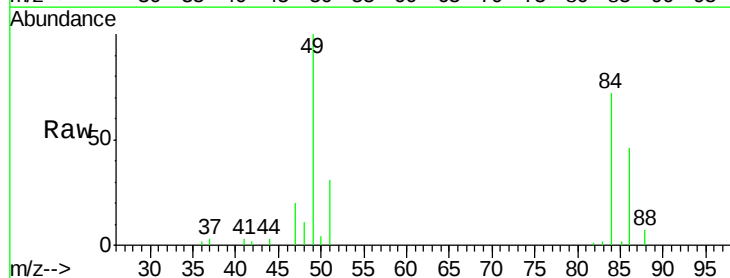
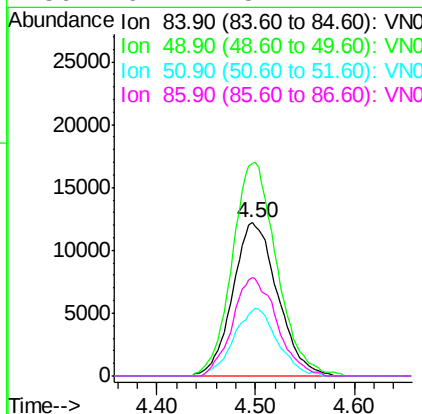
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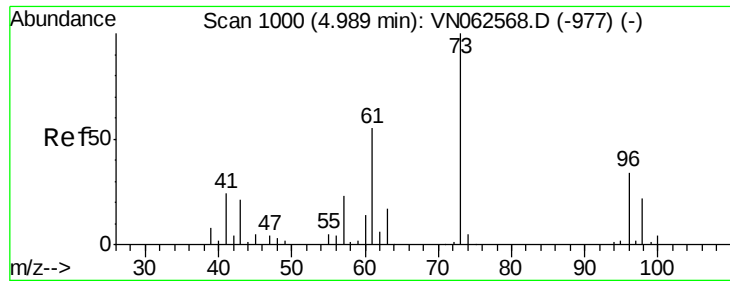
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#20
Methylene Chloride
Concen: 17.605 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion: 84 Resp: 38452
Ion Ratio Lower Upper
84 100
49 138.5 109.4 164.0
51 42.9 33.6 50.4
86 64.4 51.4 77.2





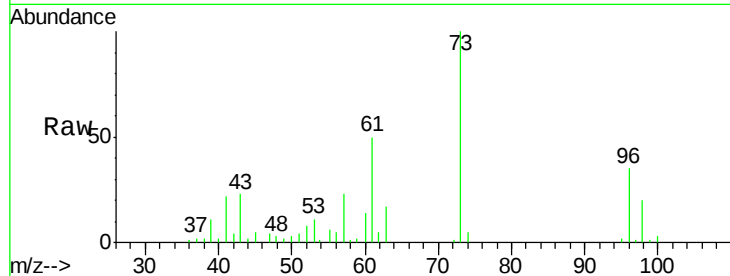
#21
trans-1,2-Dichloroethene
Concen: 18.135 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

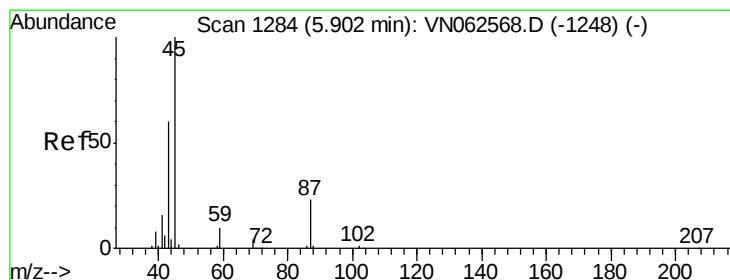
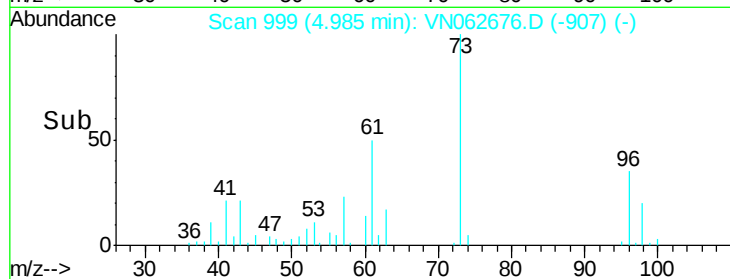
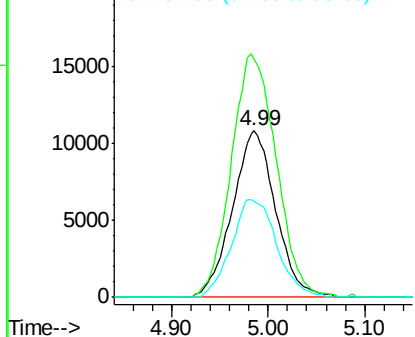
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	128.6	192.8
98	57.8	50.6	76.0

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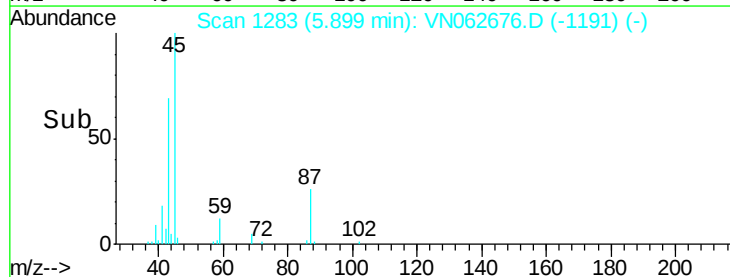
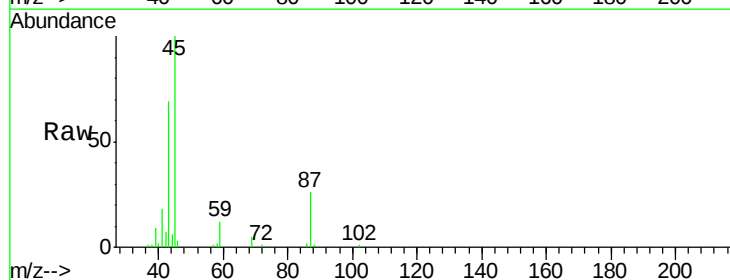
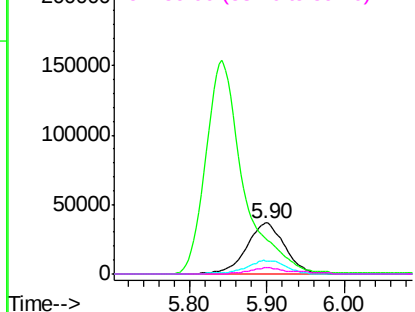
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

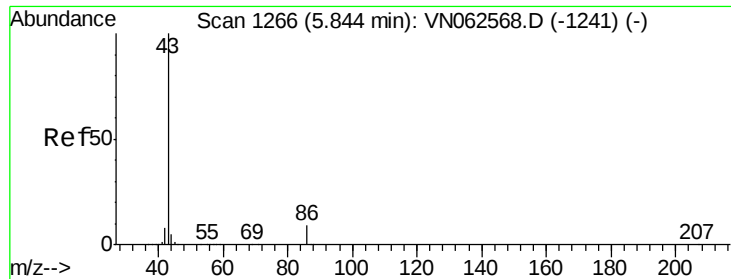


#22
Diisopropyl ether
Concen: 17.695 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.1	48.7	73.1
87	26.1	19.0	28.6
59	11.2	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: 88.961 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

VN0731WBSD01

Tot Ion: 43 Resp: 522798

Ion Ratio Lower Upper

43 100

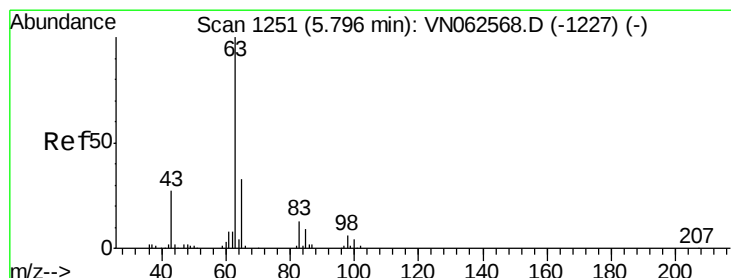
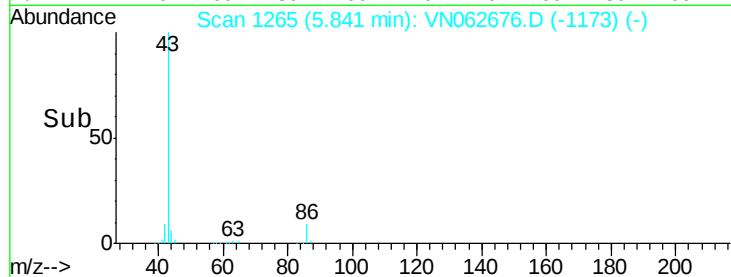
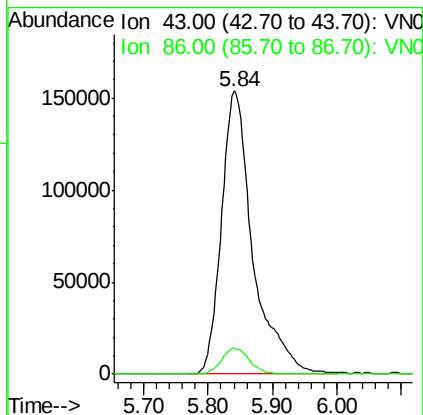
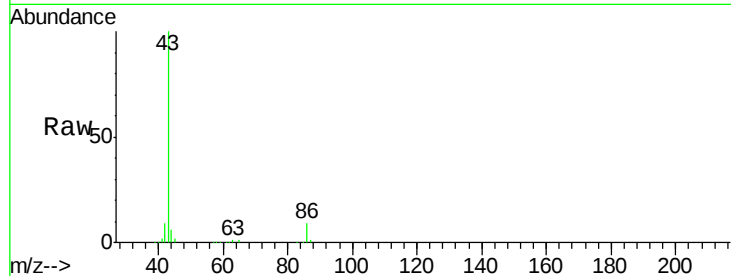
86 9.3 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 18.189 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

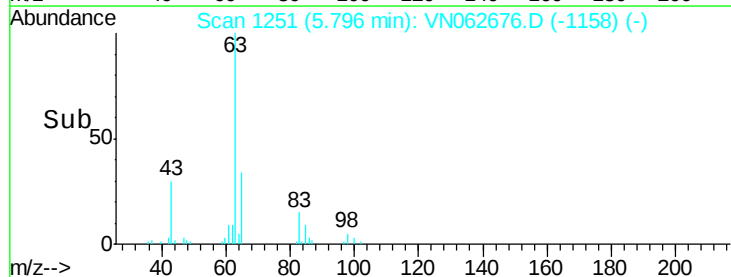
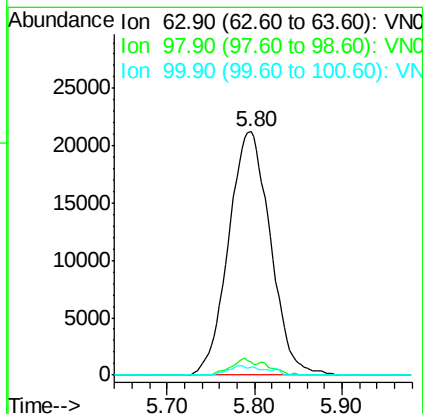
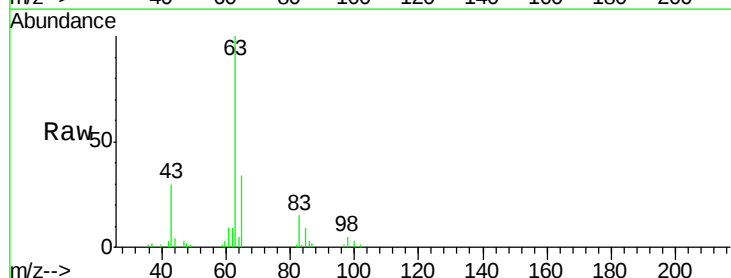
Tgt Ion: 63 Resp: 70248

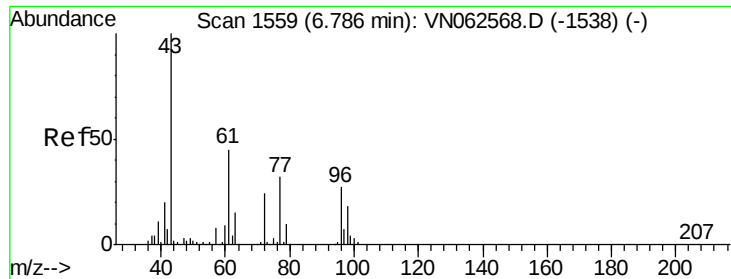
Ion Ratio Lower Upper

63 100

98 5.2 2.9 8.8

100 3.1 1.8 5.4





#25

2-Butanone

Concen: 89.558 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion: 43 Resp: 124211

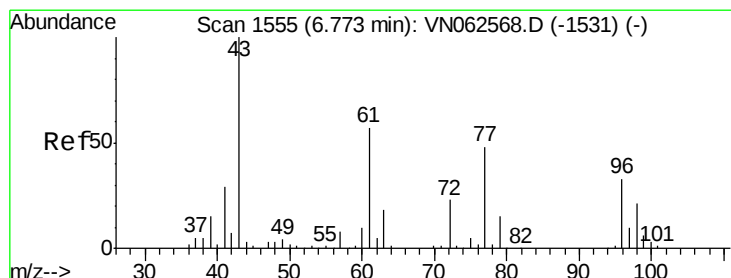
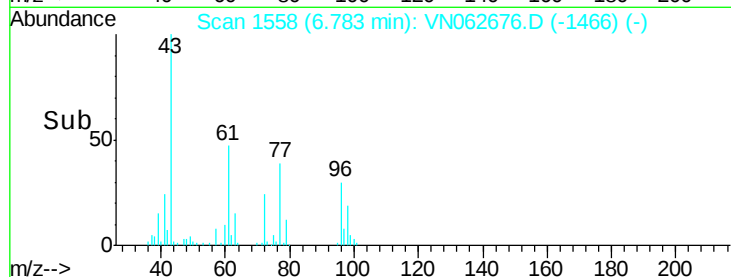
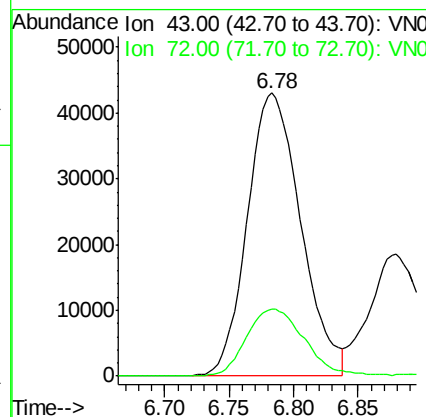
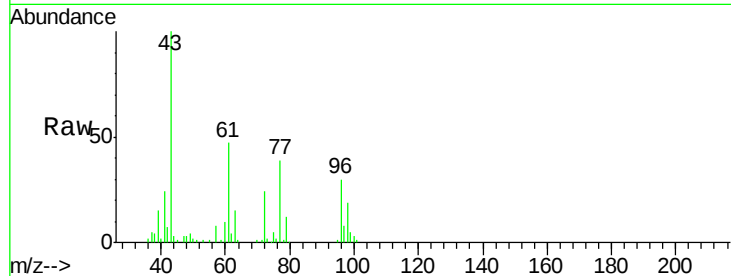
Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.509 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062676.D

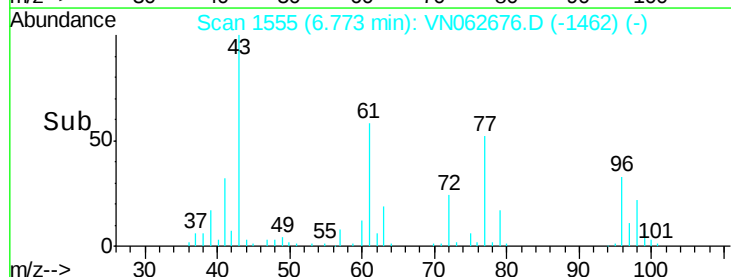
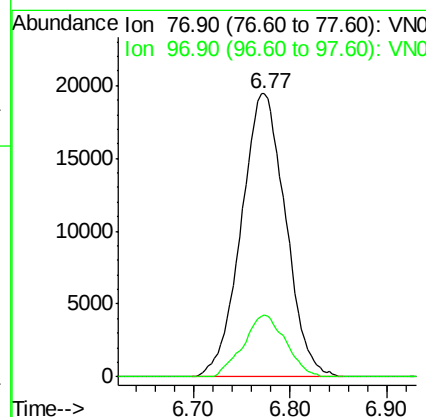
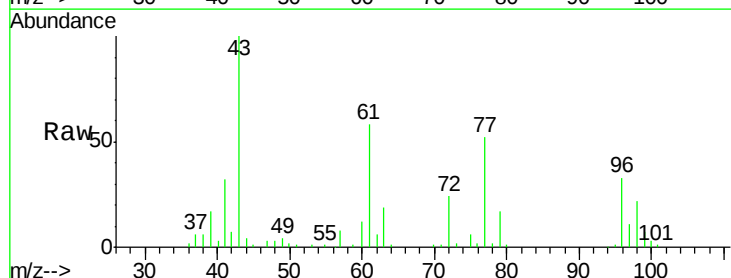
Acq: 31 Jul 2020 11:28

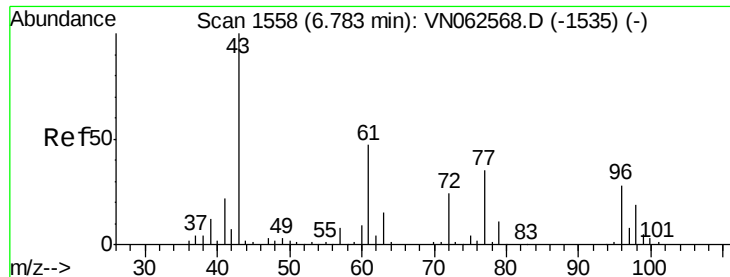
Tgt Ion: 77 Resp: 61852

Ion Ratio Lower Upper

77 100

97 20.8 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 18.044 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

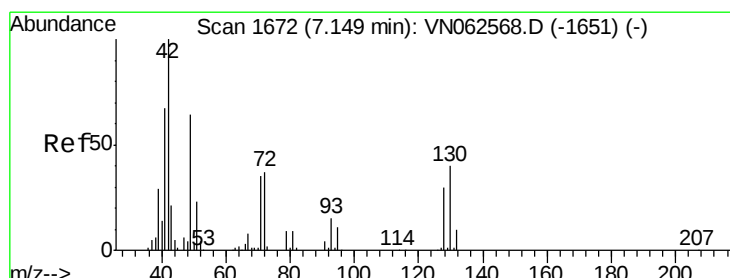
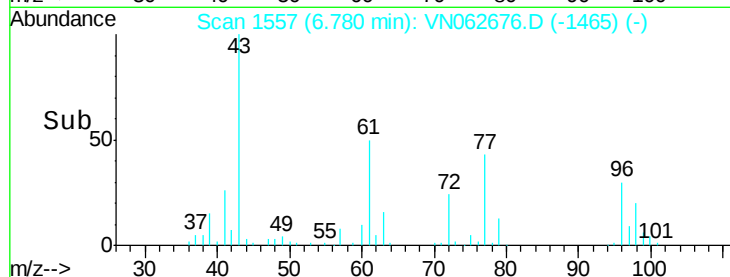
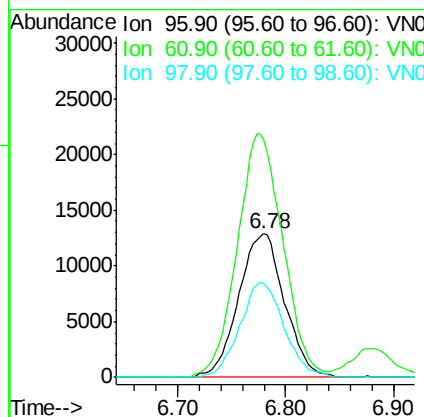
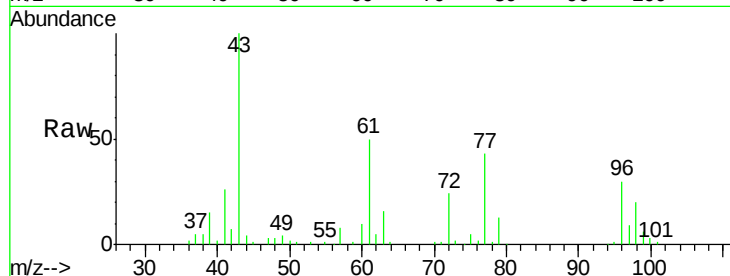
ClientSampleId :

VN0731WBSD01

Tot Ion:	96	Resp:	38119
Ion	Ratio	Lower	Upper
96	100		
61	168.1	0.0	332.4
98	63.7	0.0	127.4

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#28

Bromochloromethane

Concen: 18.427 ug/l

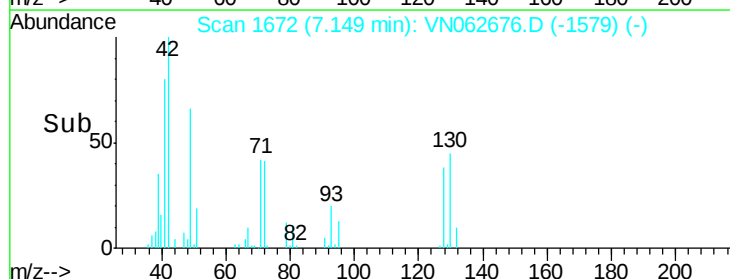
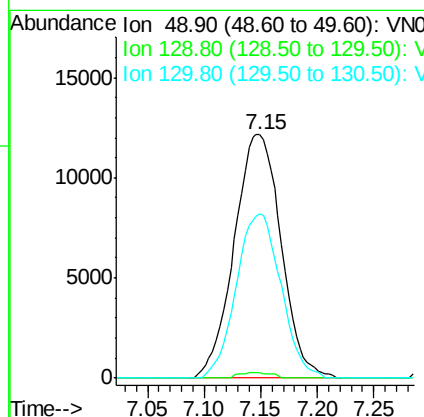
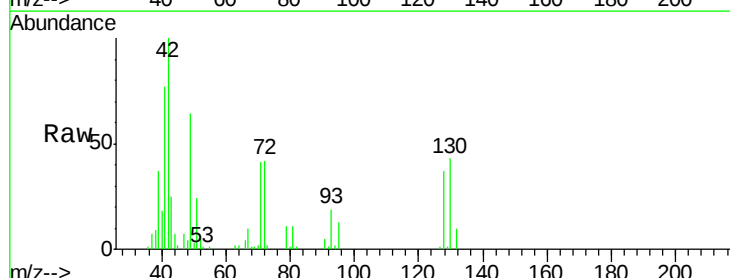
RT: 7.15 min Scan# 1672

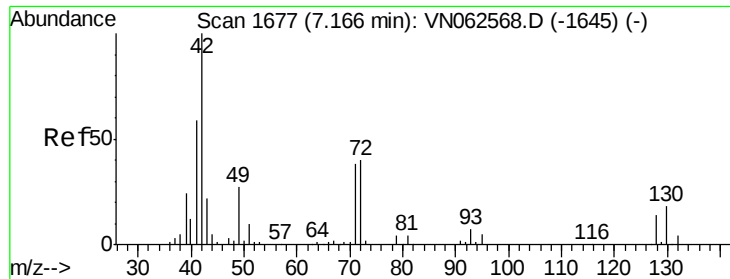
Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion:	49	Resp:	35024
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	64.2	49.8	74.8





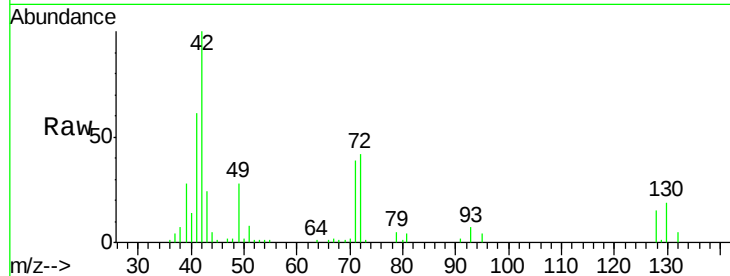
#29
Tetrahydrofuran
Concen: 87.170 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

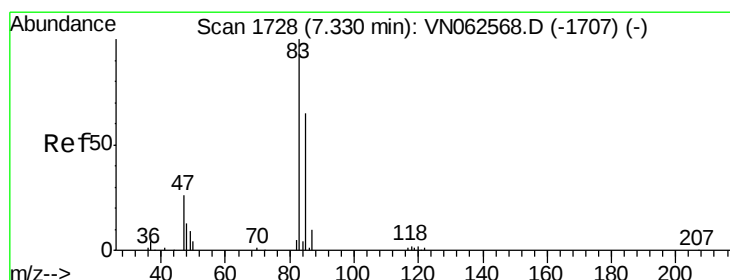
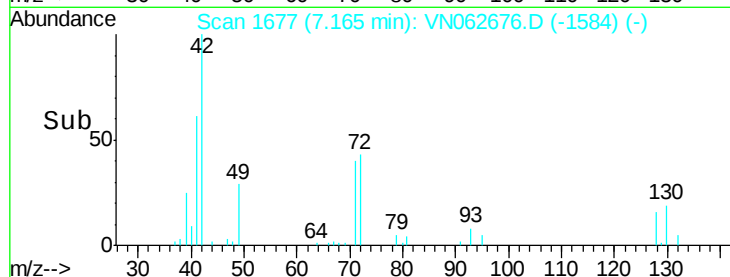
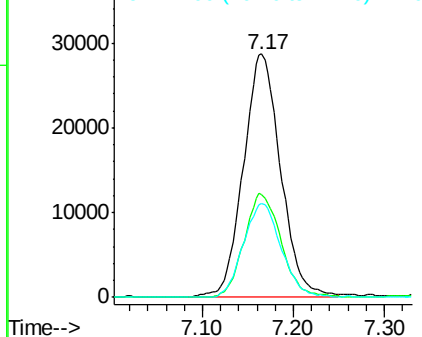
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	30.7	46.1
71	38.8	29.1	43.7

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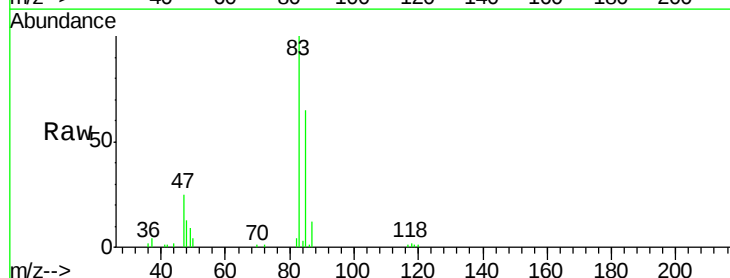


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

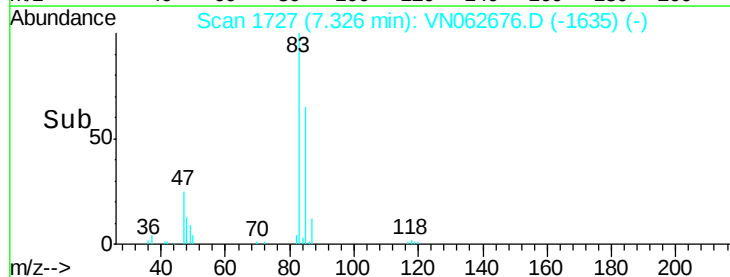
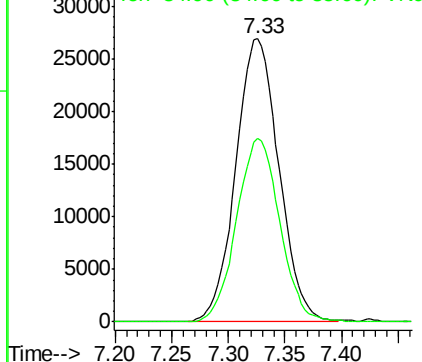


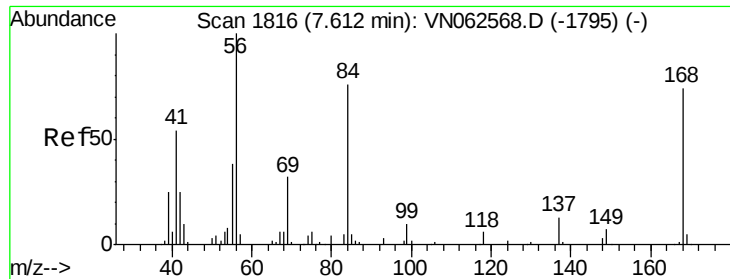
#30
Chloroform
Concen: 19.450 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.0	78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





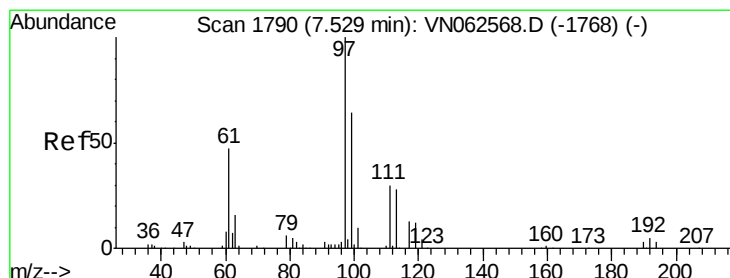
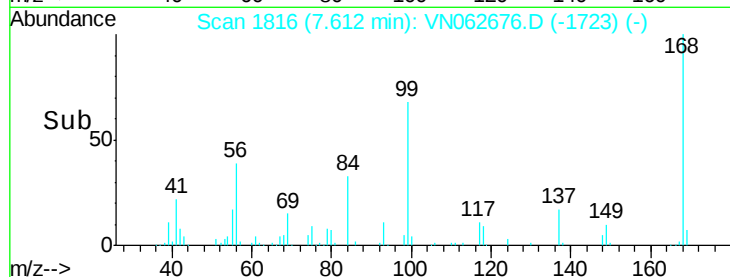
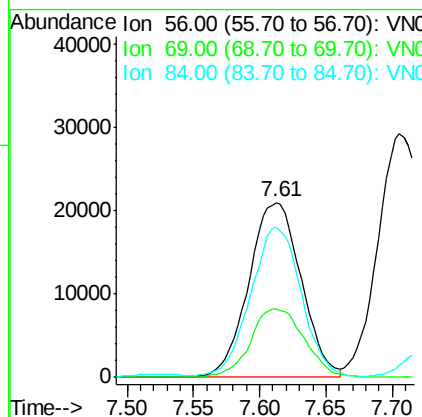
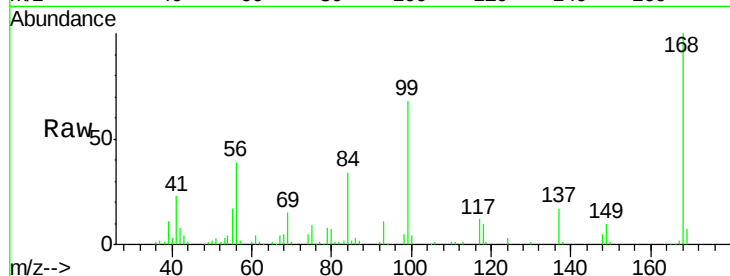
#31
Cyclohexane
Concen: 16.258 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.9	25.3	37.9#
84	85.0	61.0	91.4

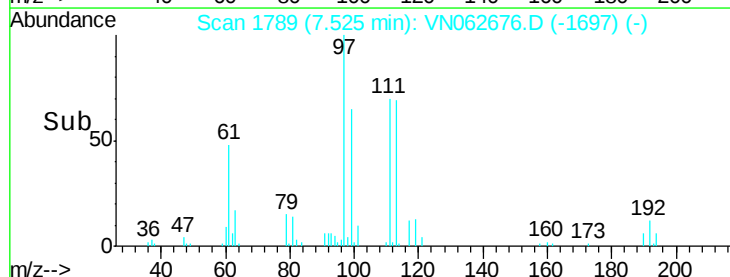
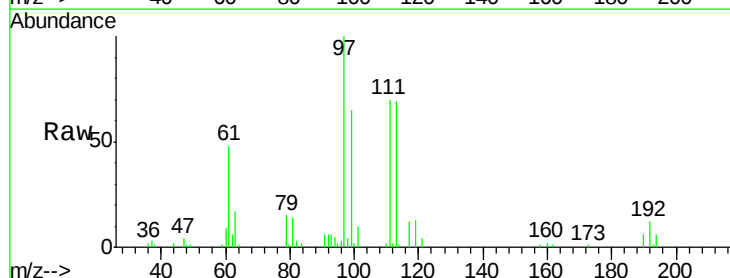
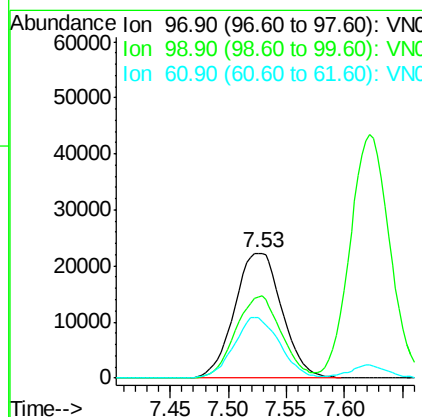
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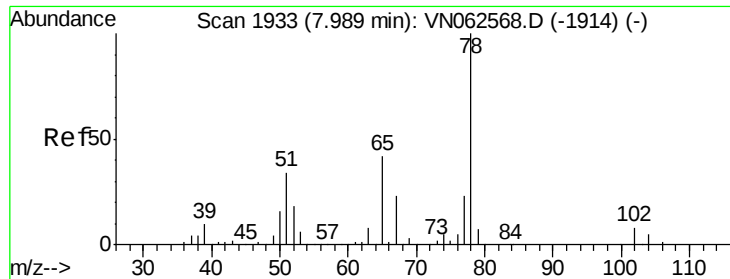
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#32
1,1,1-Trichloroethane
Concen: 20.650 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	46.8	38.4	57.6





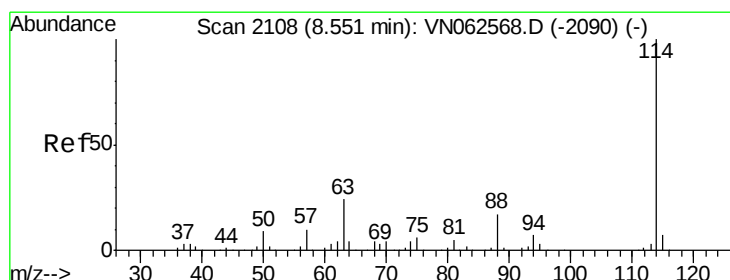
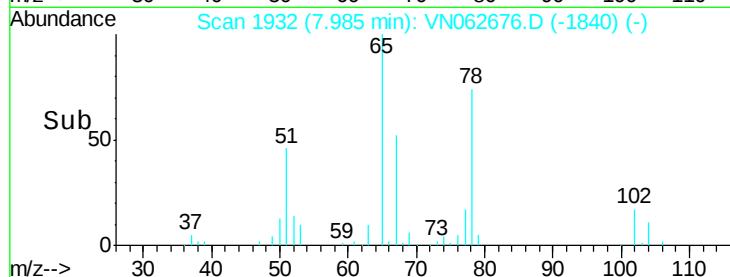
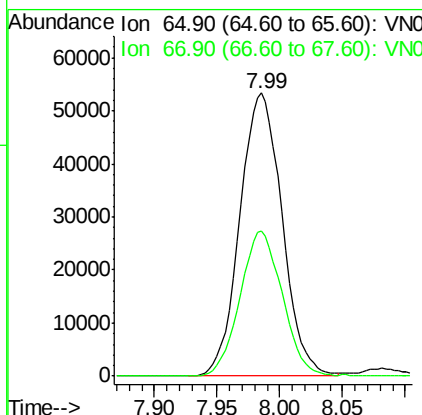
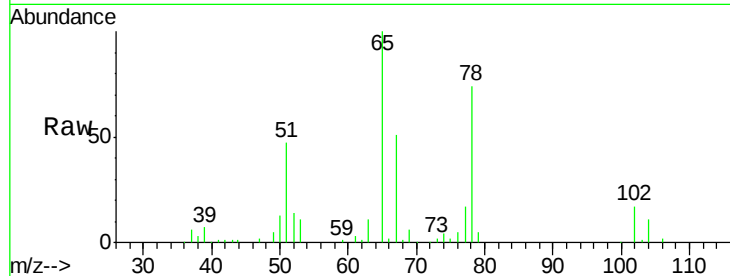
#33
 1,2-Dichloroethane-d4
 Concen: 51.580 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.3	0.0	106.0	

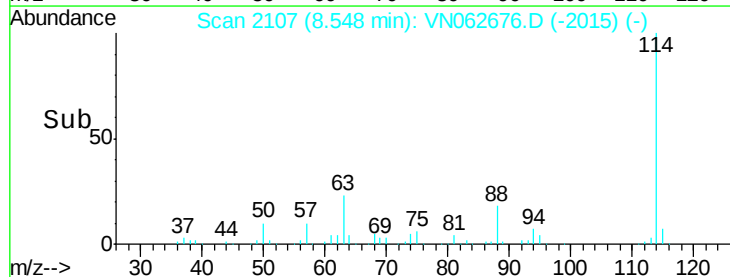
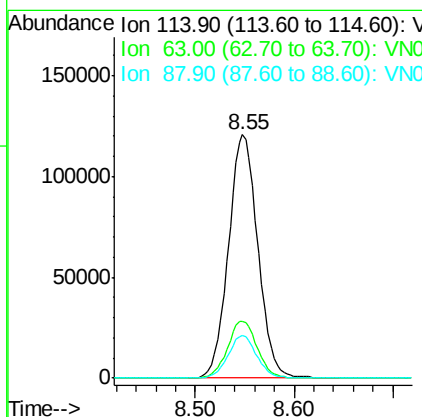
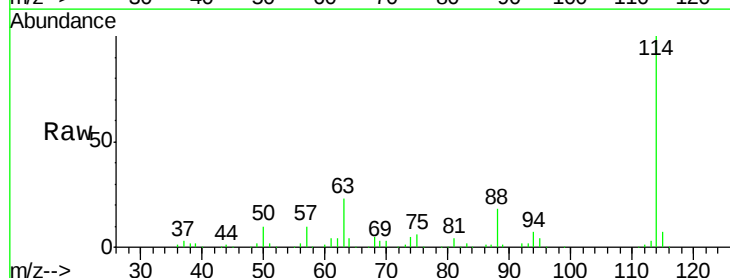
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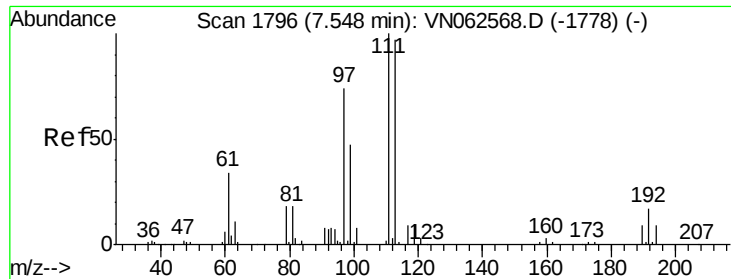
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 8/3/2020 9:31:59 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.2	0.0	48.4	
88	17.6	0.0	33.8	





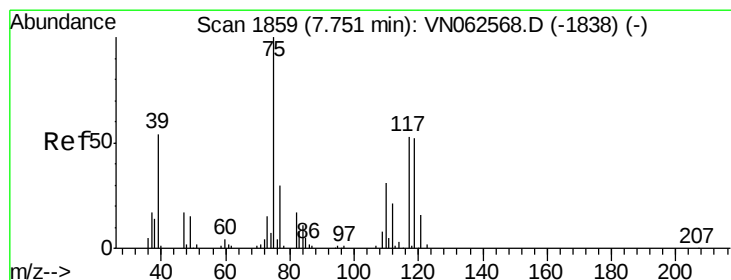
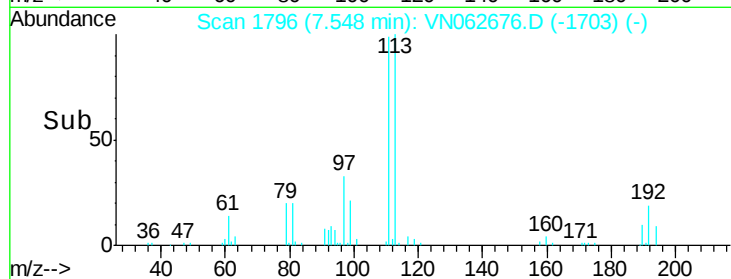
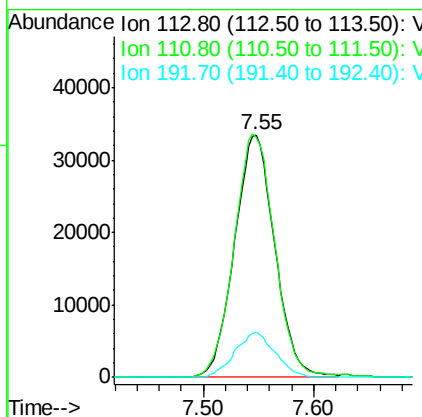
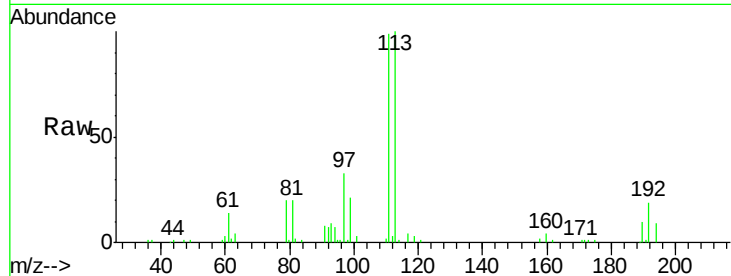
#35
 Dibromofluoromethane
 Concen: 51.256 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	84531		
111	101.9	82.7	124.1	
192	18.5	14.8	22.2	

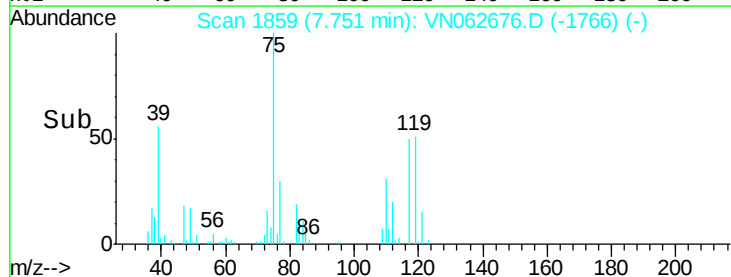
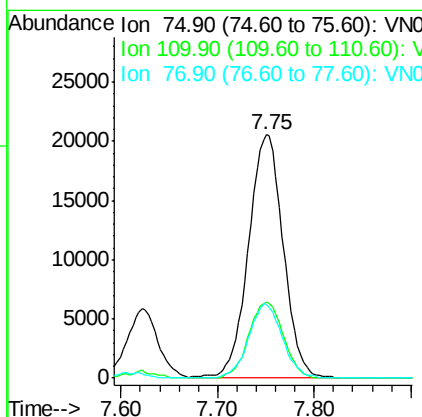
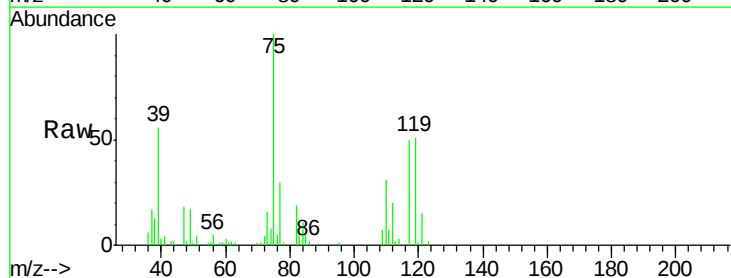
Manual Integrations
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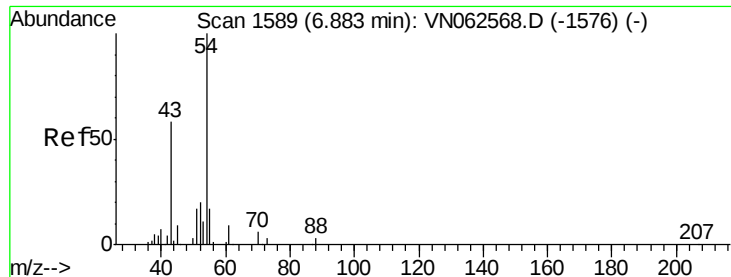
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#36
 1,1-Dichloropropene
 Concen: 19.184 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51341		
110	30.9	16.0	48.0	
77	29.6	24.6	36.8	





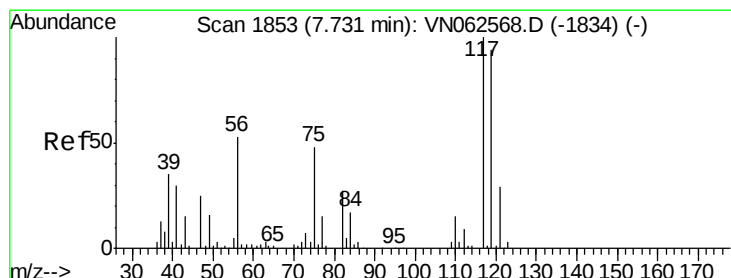
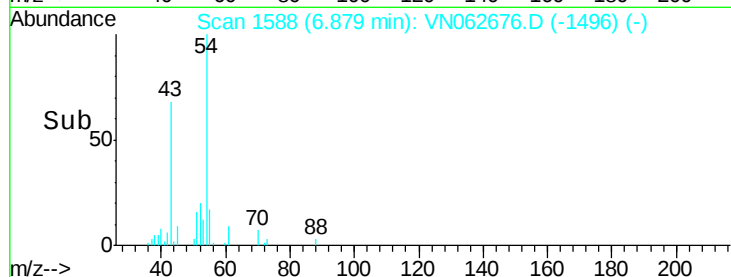
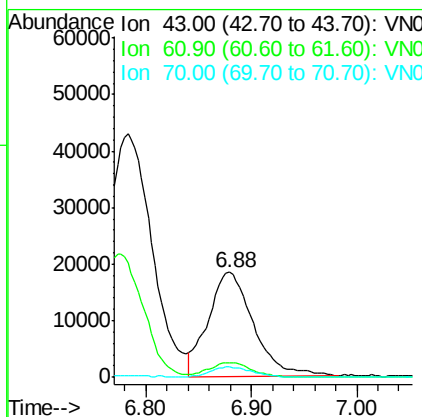
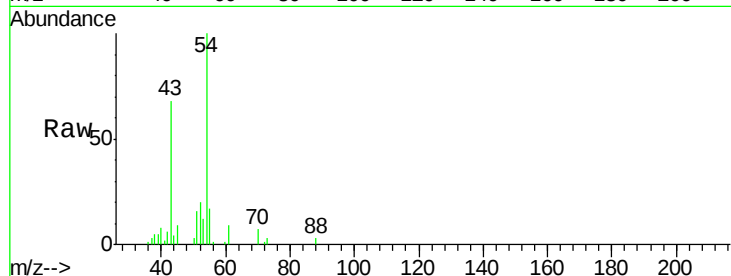
#37
Ethyl Acetate
Concen: 18.806 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	9.4	7.7	11.5

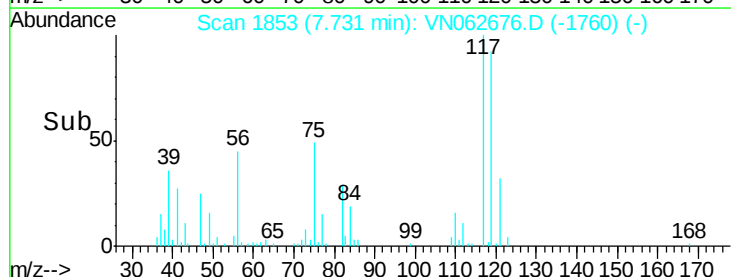
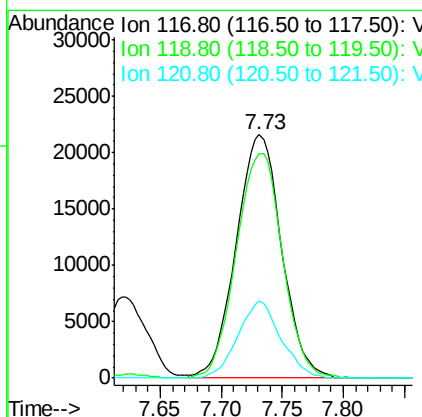
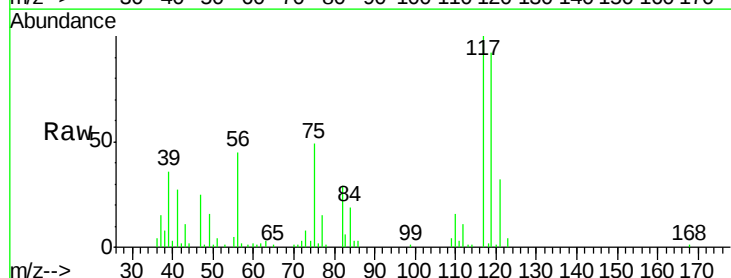
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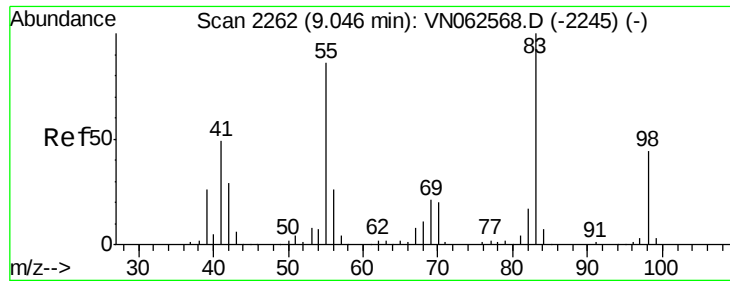
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#38
Carbon Tetrachloride
Concen: 21.650 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	74.8	112.2
121	31.6	23.0	34.6





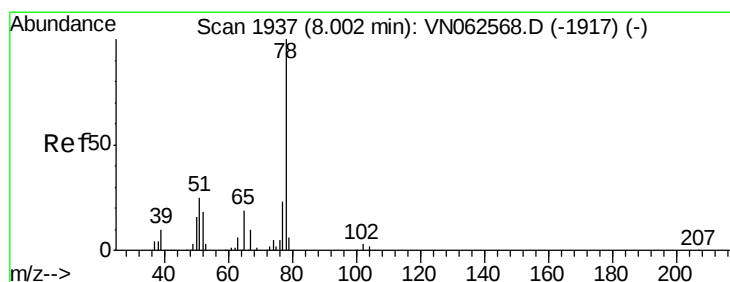
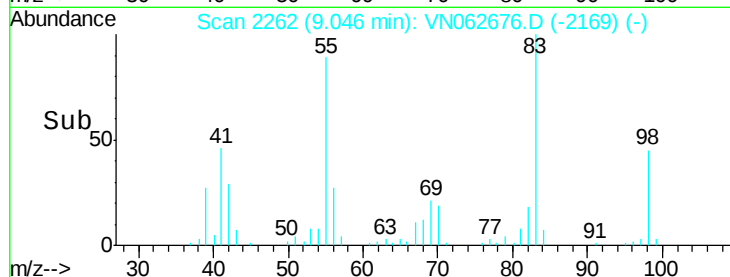
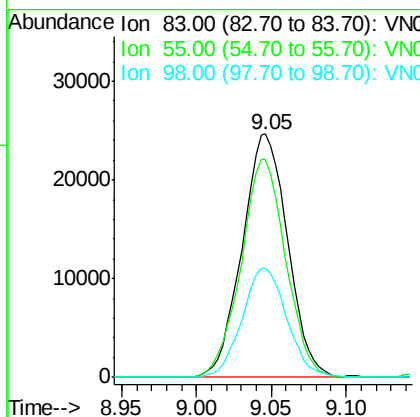
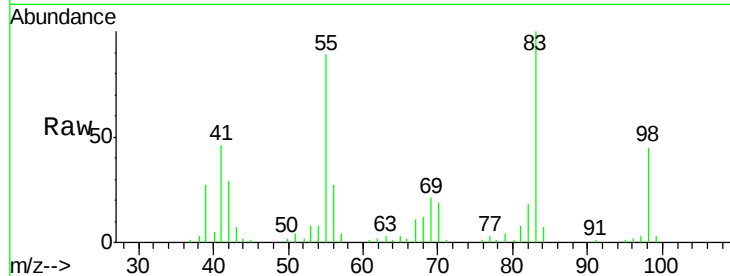
#39
Methvlcvclohexane
Concen: 18.152 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.4	68.9	103.3
98	45.1	35.1	52.7

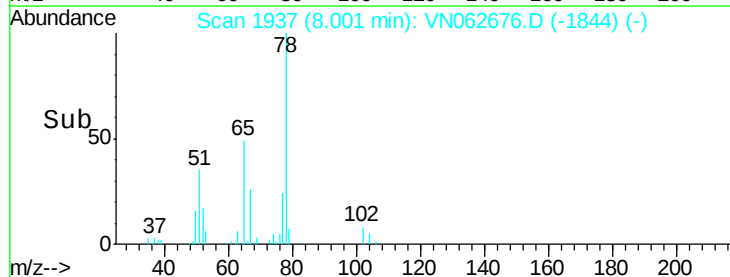
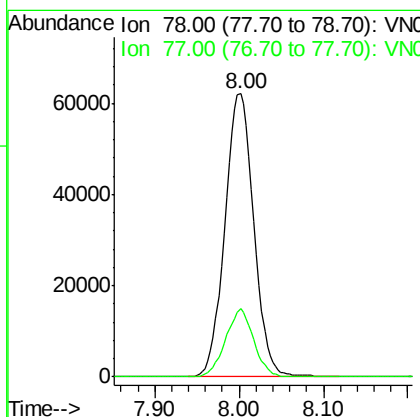
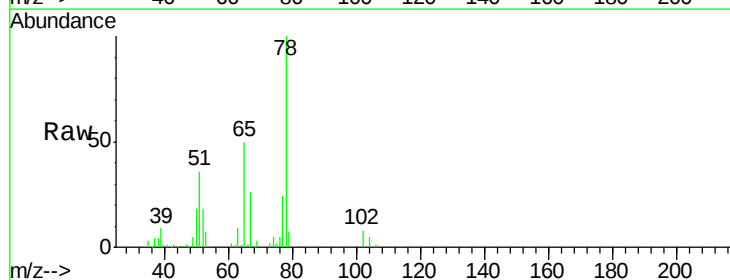
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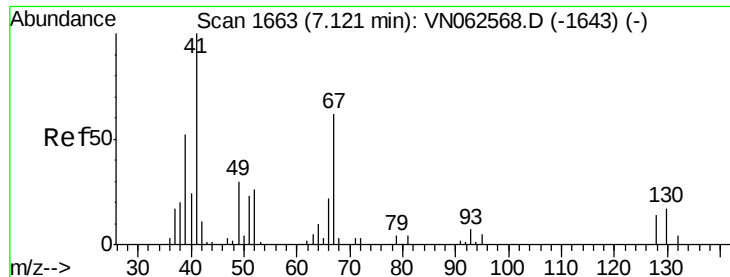
MMDadoda
8/3/2020 9:31:59 AM



#40
Benzene
Concen: 18.272 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1





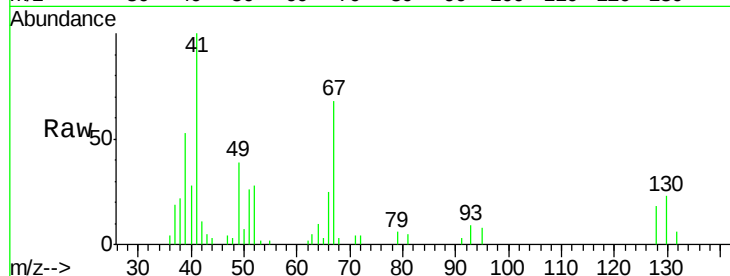
#41
Methacrylonitrile
Concen: 16.394 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	55.8	83.6#
67	98.5	72.5	108.7
52	46.2	31.8	47.8

Manual Integrations
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8/3/2020 9:31:59 AM

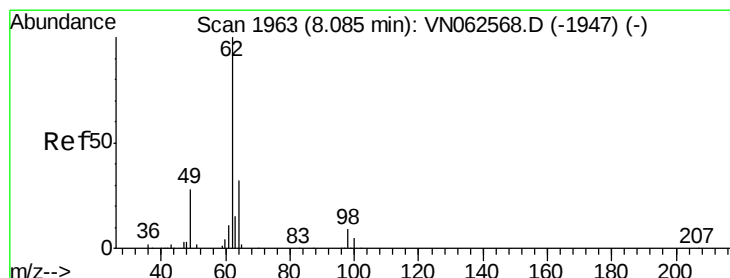
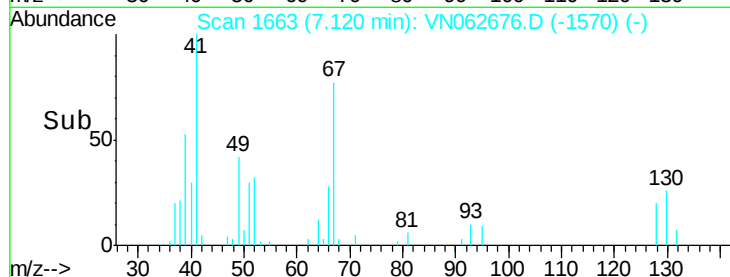
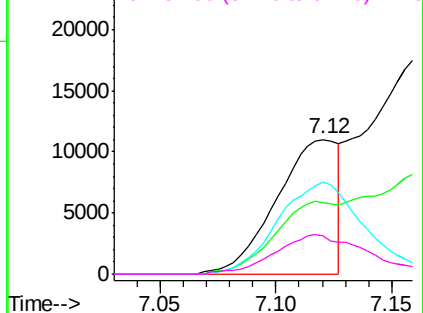


Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-1643) (-)

Ion 39.00 (38.70 to 39.70): VN062568.D (-1643) (-)

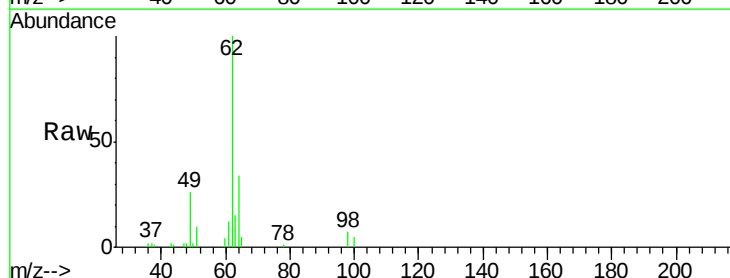
Ion 67.00 (66.70 to 67.70): VN062568.D (-1643) (-)

Ion 52.00 (51.70 to 52.70): VN062568.D (-1643) (-)



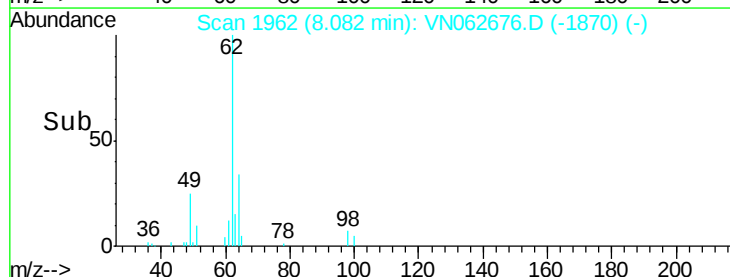
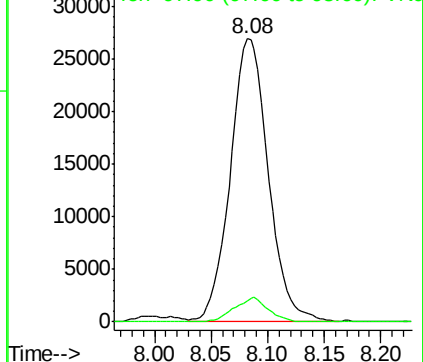
#42
1,2-Dichloroethane
Concen: 21.263 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

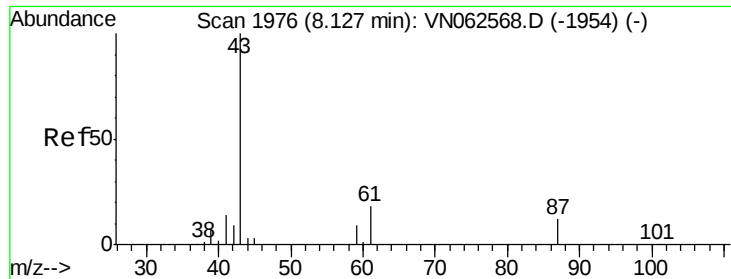
Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.2



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

Ion 97.90 (97.60 to 98.60): VN062568.D (-1947) (-)





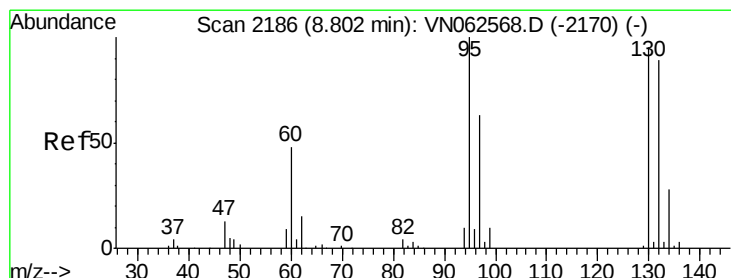
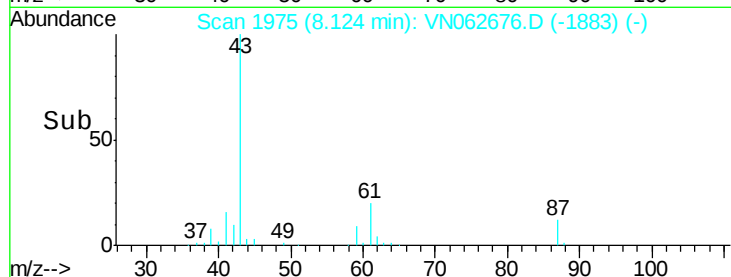
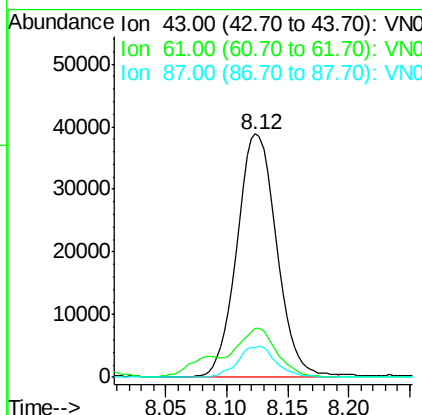
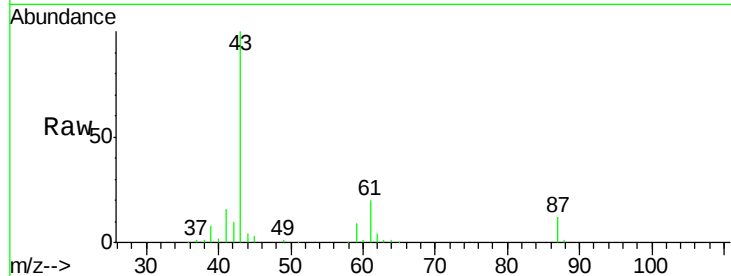
#43
Isopropyl Acetate
Concen: 18.888 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	20.8	31.2#
87	12.2	9.2	13.8

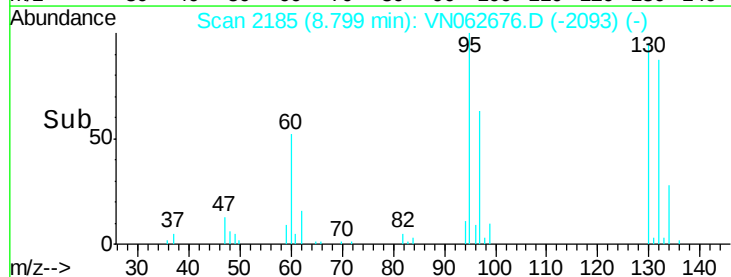
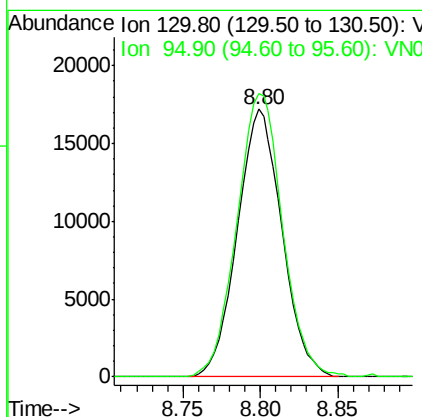
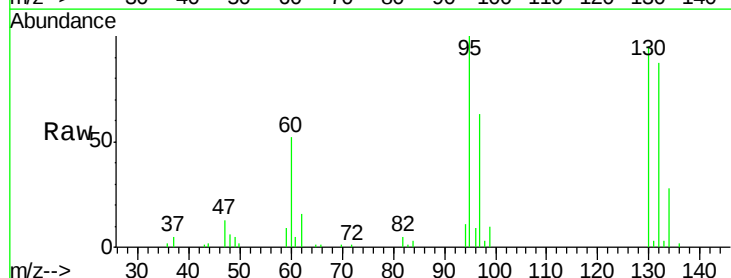
Manual Integrations
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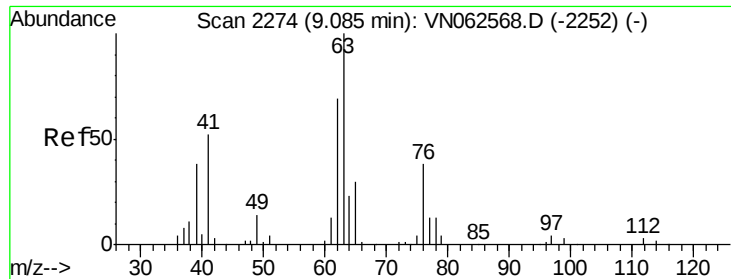
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8/3/2020 9:31:59 AM



#44
Trichloroethene
Concen: 18.863 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	210.4





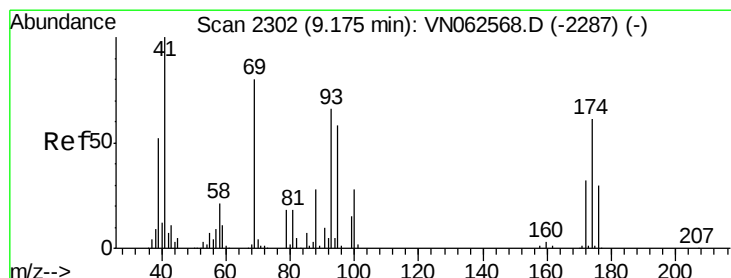
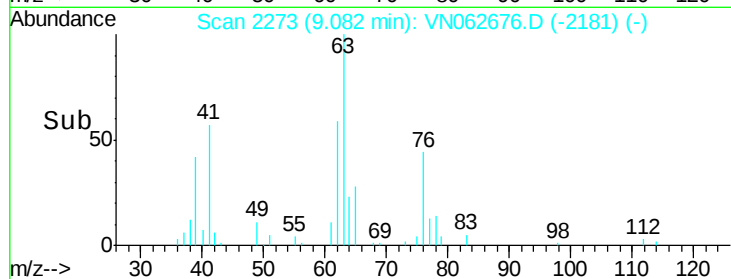
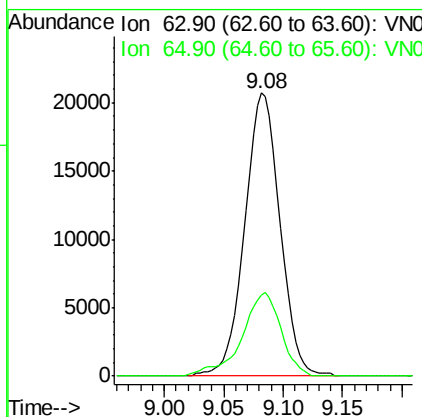
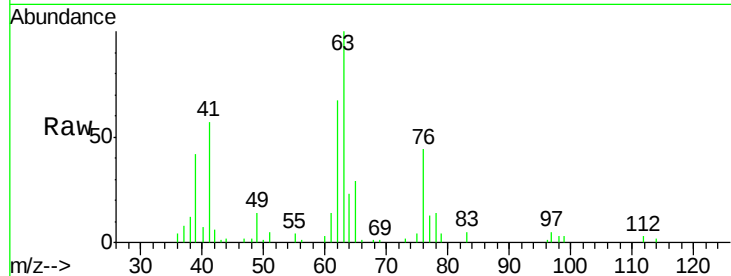
#45
 1,2-Dichloropropane
 Concen: 18.700 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Tot Ion: 63 Resp: 42539
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.4 36.6

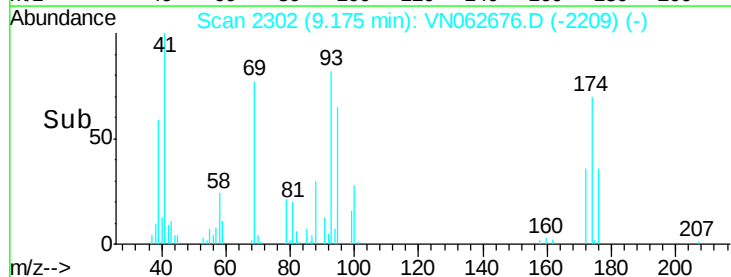
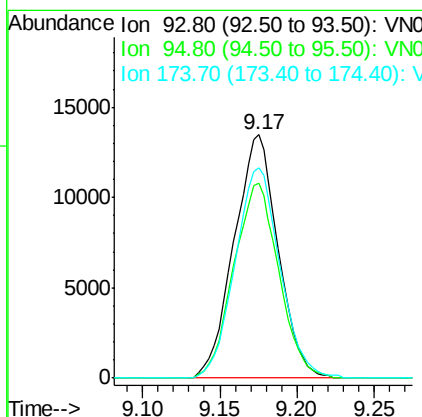
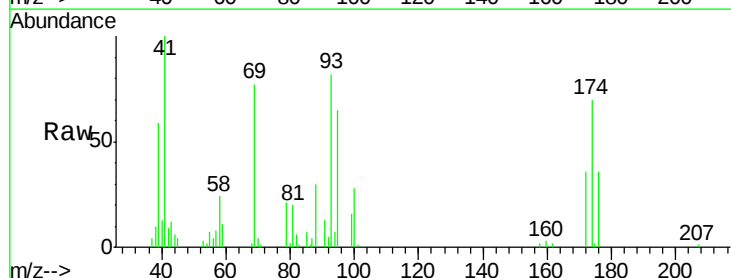
Manual Integrations
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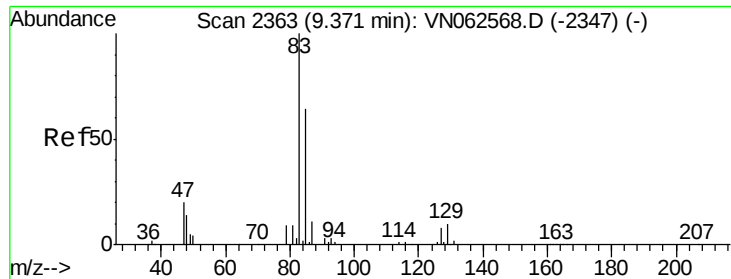
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 8/3/2020 9:31:59 AM



#46
 Dibromomethane
 Concen: 20.245 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion: 93 Resp: 26617
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.6 101.4
 174 88.2 72.5 108.7





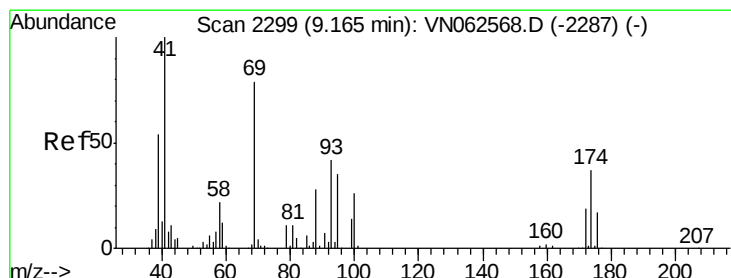
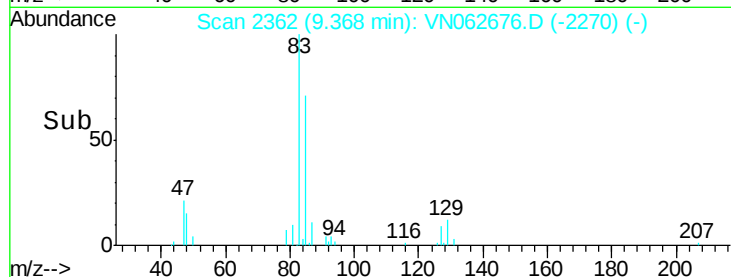
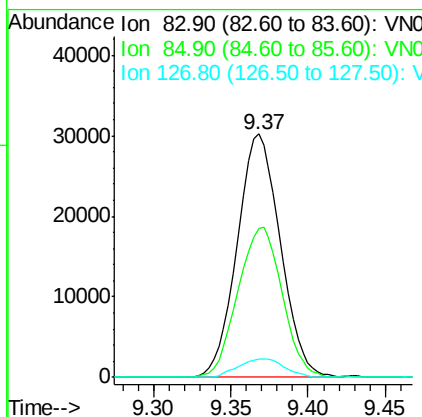
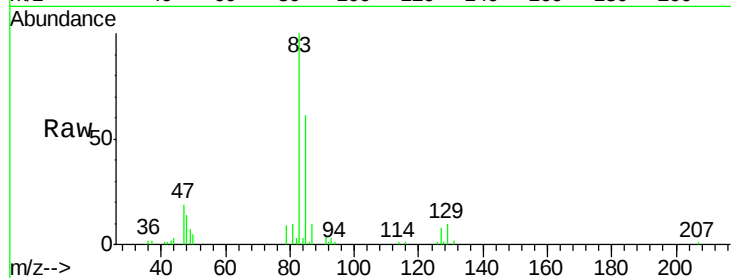
#47
Bromodichloromethane
Concen: 20.607 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.6	77.4
127	7.6	6.2	9.2

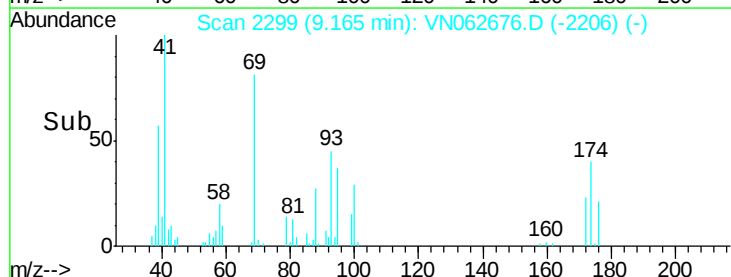
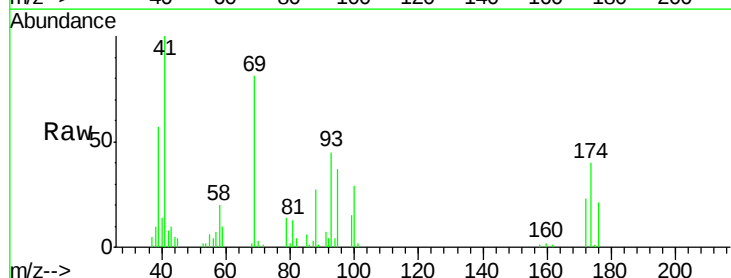
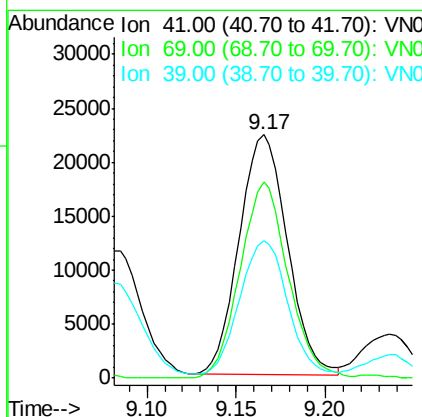
Manual Integrations
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#48
Methyl methacrylate
Concen: 19.011 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.2	64.4	96.6
39	58.8	43.5	65.3





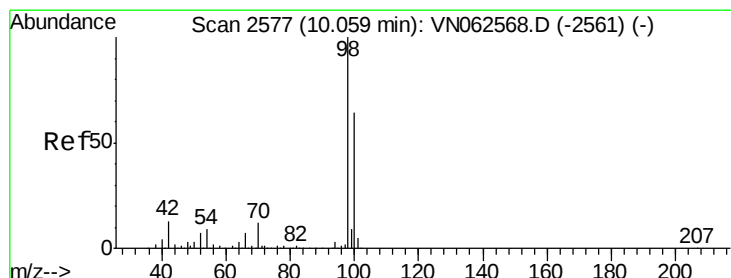
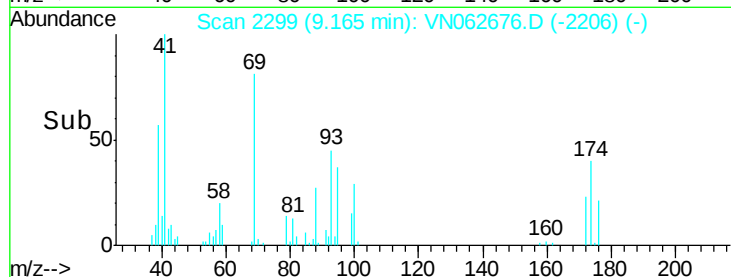
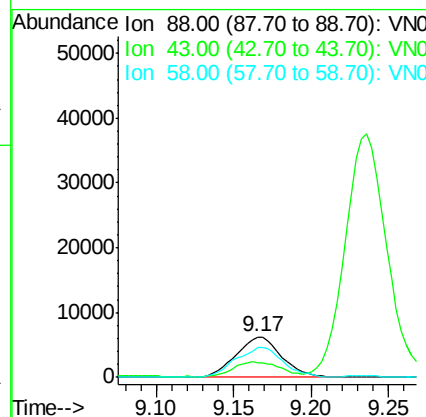
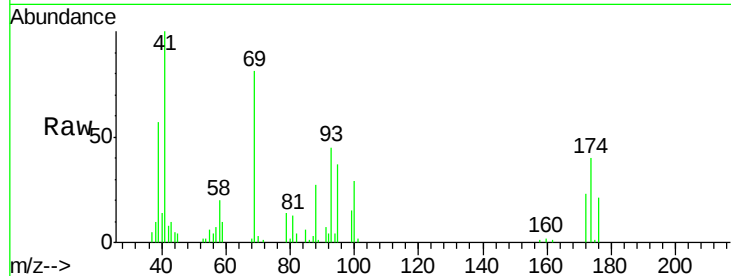
#49
1,4-Dioxane
Concen: 375.191 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.8	32.0	48.0
58	76.9	62.8	94.2

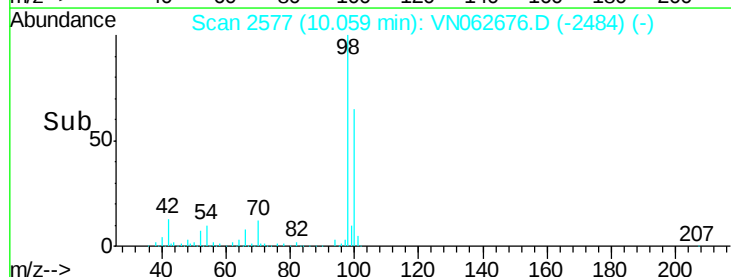
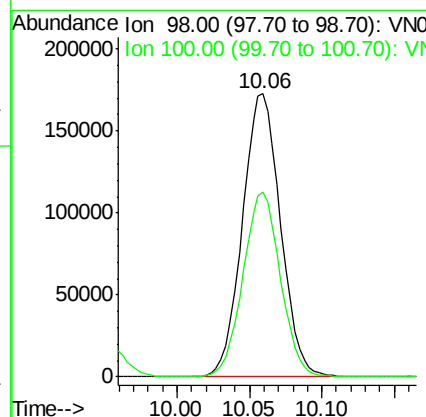
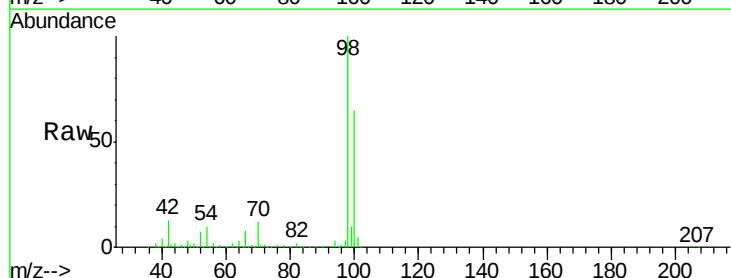
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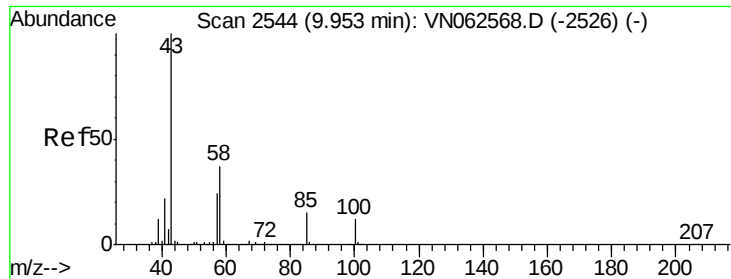
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#50
Toluene-d8
Concen: 47.778 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 95.822 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion: 43 Resp: 266631

Ion Ratio Lower Upper

43 100

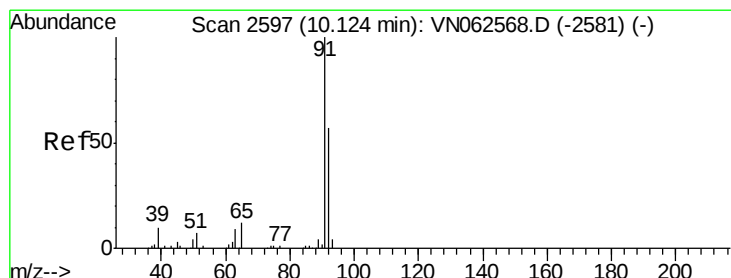
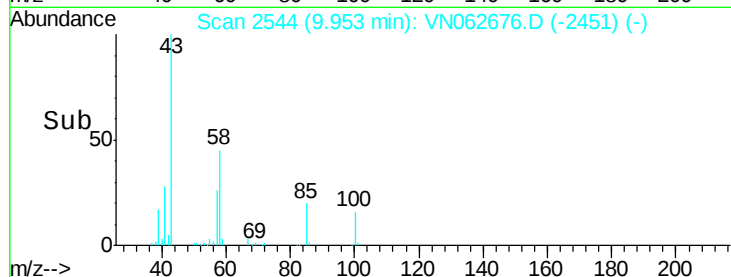
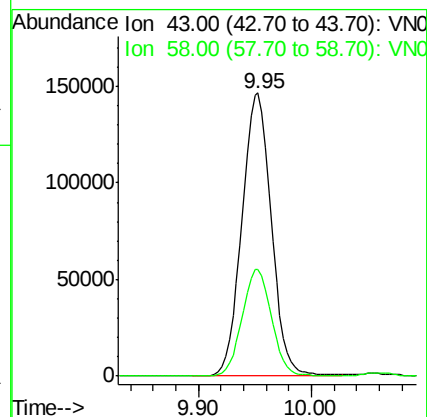
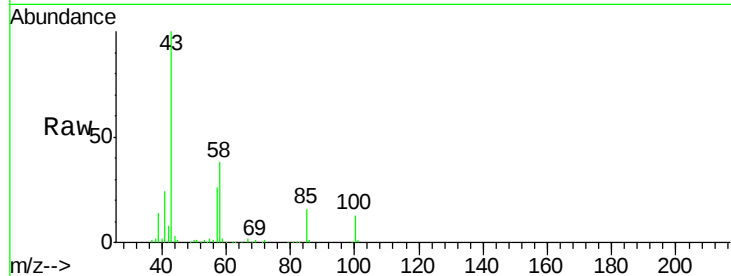
58 37.5 29.8 44.6

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#52

Toluene

Concen: 19.258 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062676.D

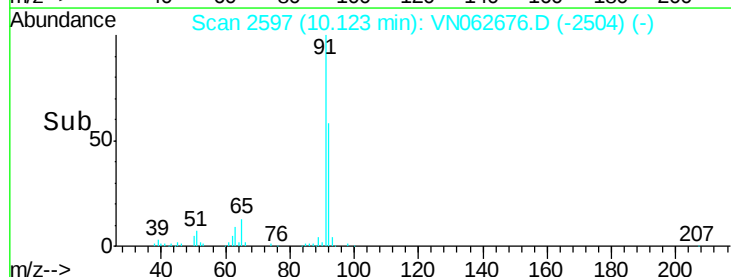
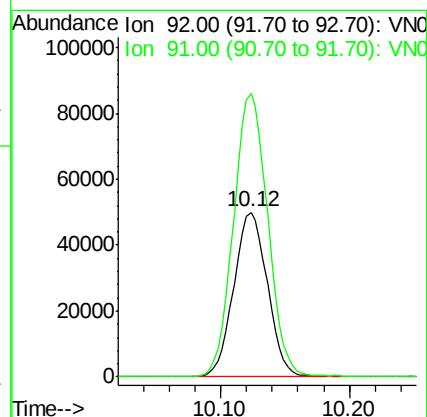
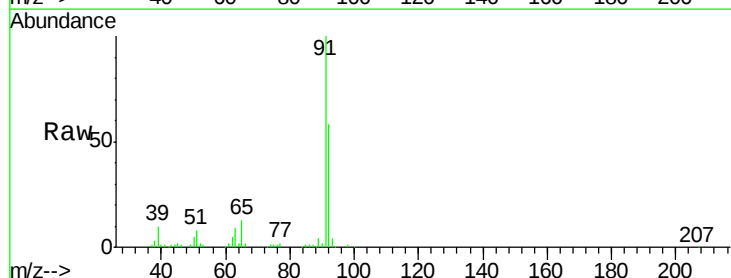
Acq: 31 Jul 2020 11:28

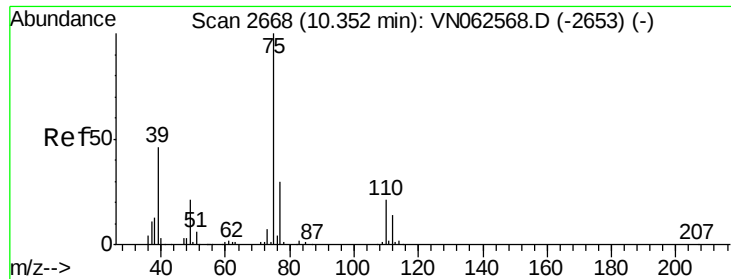
Tgt Ion: 92 Resp: 90600

Ion Ratio Lower Upper

92 100

91 175.2 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 19.986 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion: 75 Resp: 63374

Ion Ratio Lower Upper

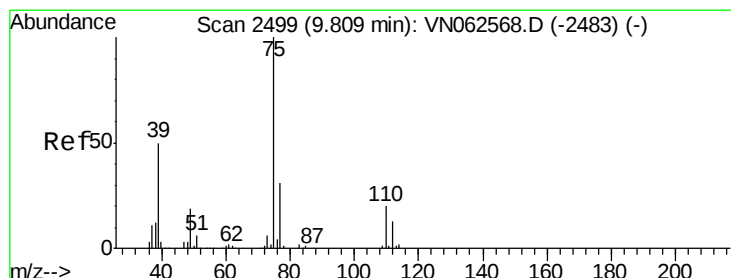
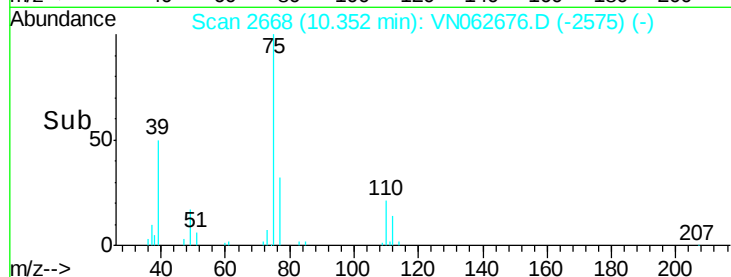
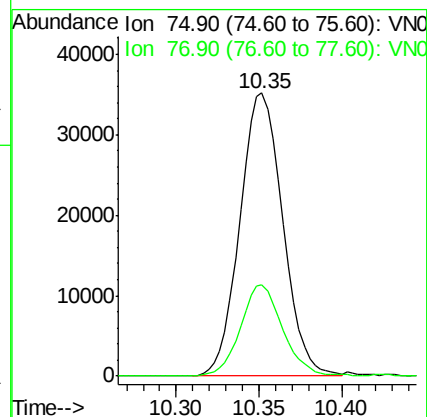
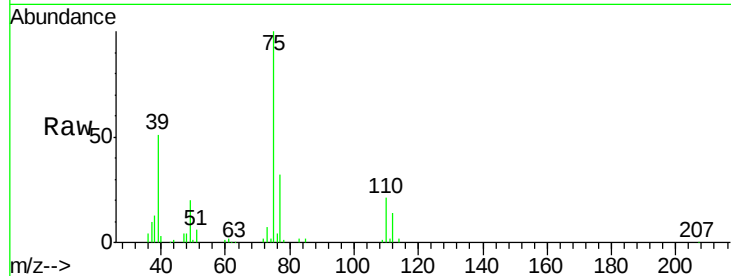
75 100

77 32.4 24.3 36.5

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#54

cis-1,3-Dichloropropene

Concen: 19.008 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

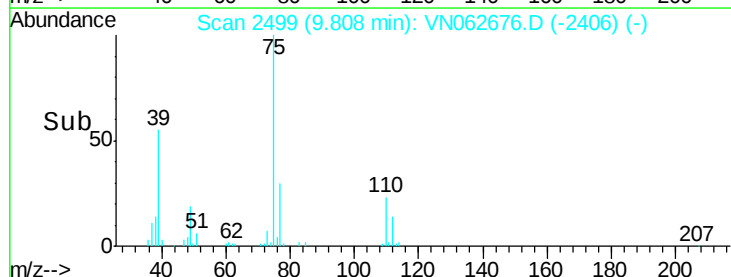
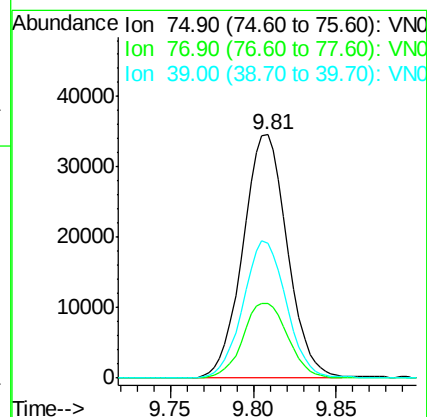
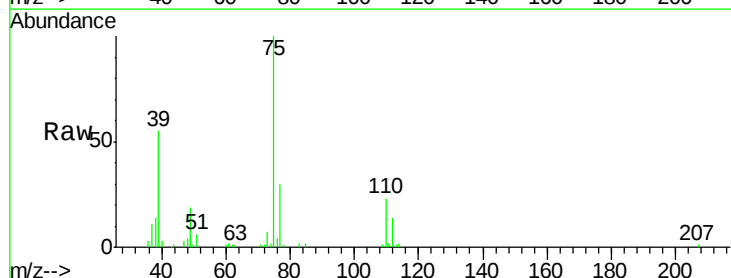
Tgt Ion: 75 Resp: 64674

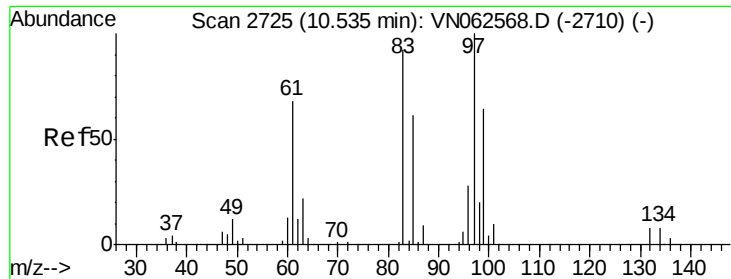
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.6

39 55.1 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 19.820 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

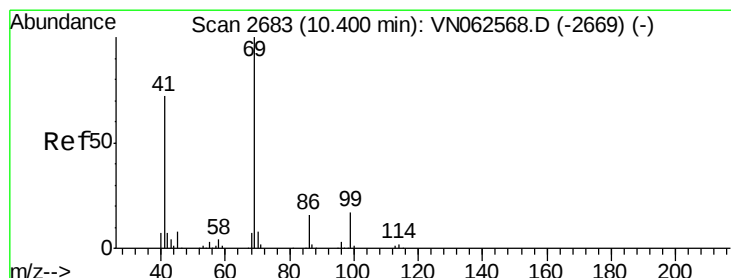
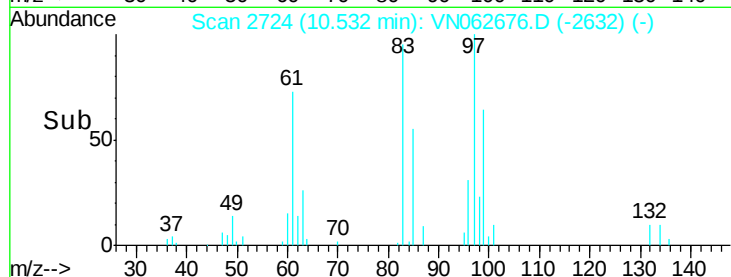
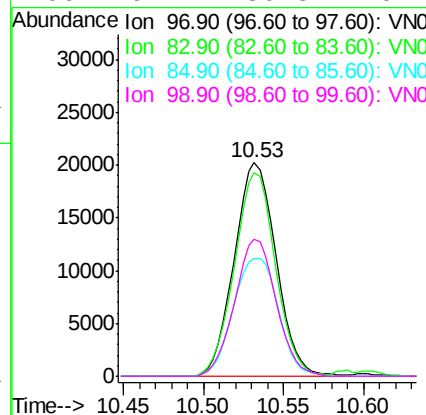
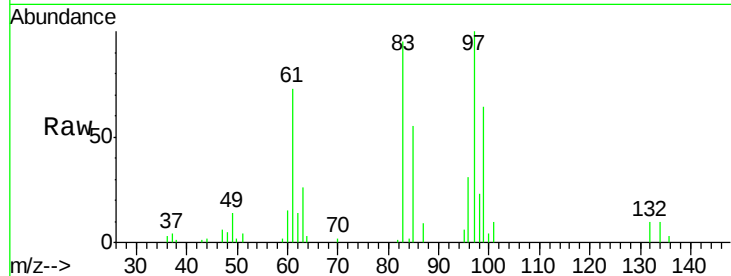
ClientSampleId :

VN0731WBSD01

Tot Ion:	97	Resp:	36168
Ion	Ratio	Lower	Upper
97	100		
83	95.3	73.7	110.5
85	55.1	48.5	72.7
99	64.2	50.8	76.2

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#56

Ethyl methacrylate

Concen: 18.149 ug/l

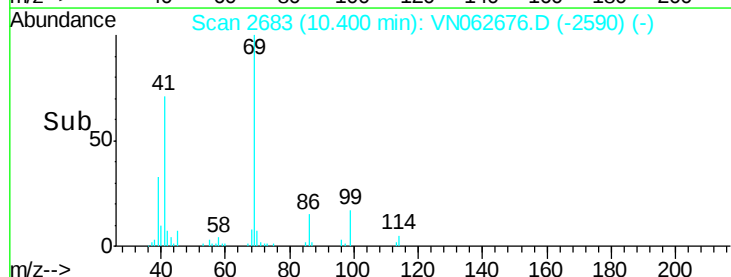
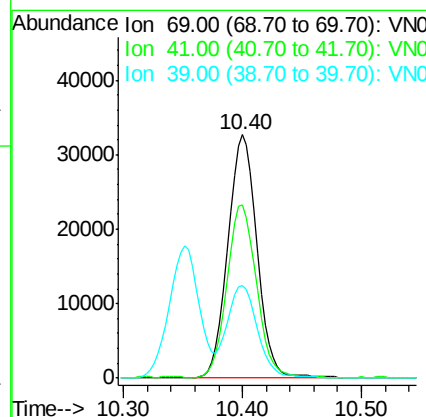
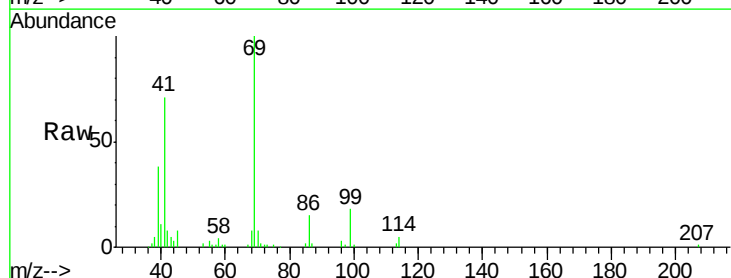
RT: 10.40 min Scan# 2683

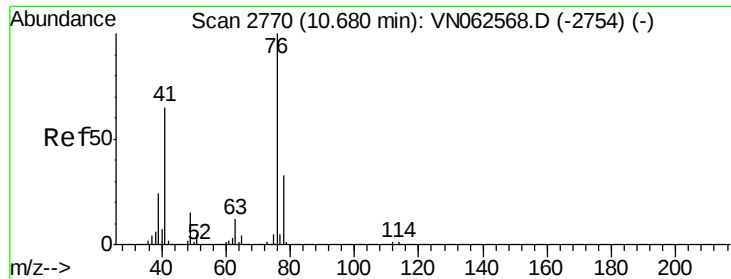
Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion:	69	Resp:	55642
Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.2	85.8
39	39.8	28.6	43.0





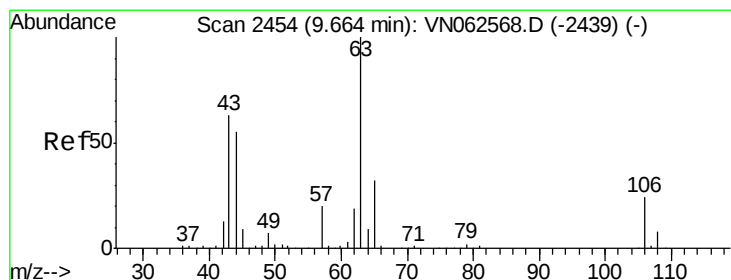
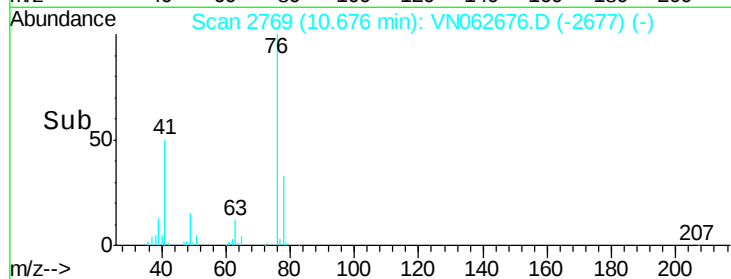
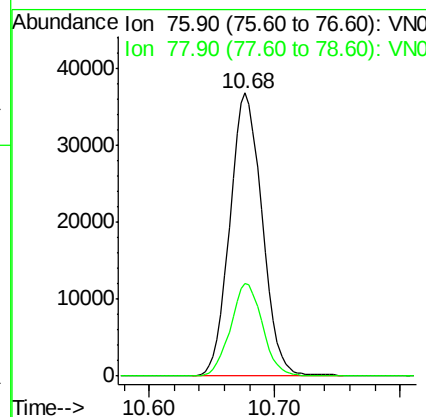
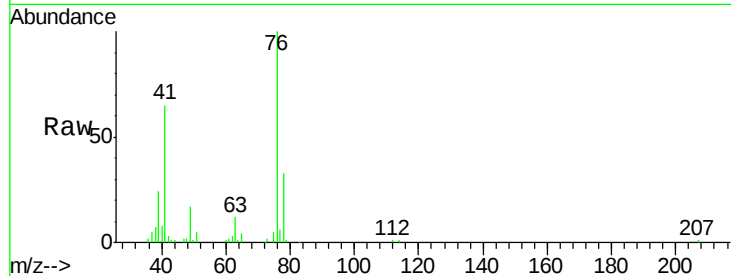
#57
 1,3-Dichloropropane
 Concen: 19.781 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5

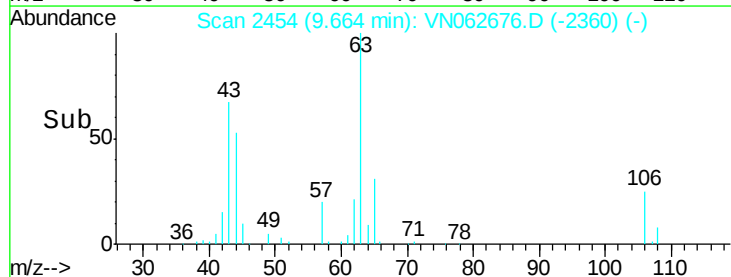
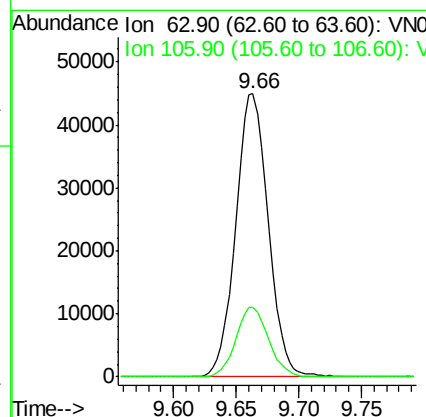
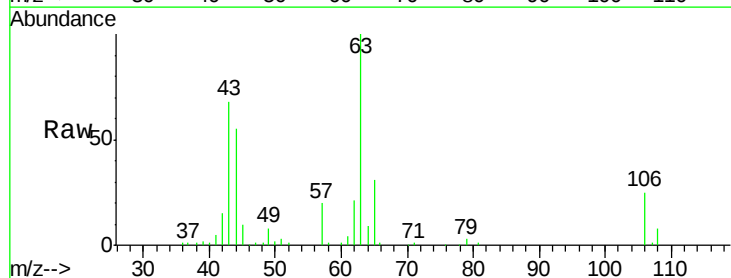
Manual Integrations
 APPROVED

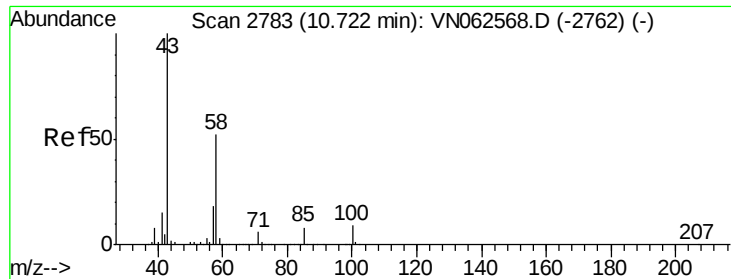
MMDadoda
 8/3/2020 9:31:59 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.347 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.5	18.9	28.3





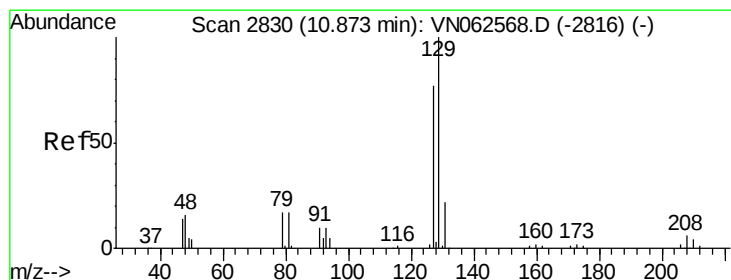
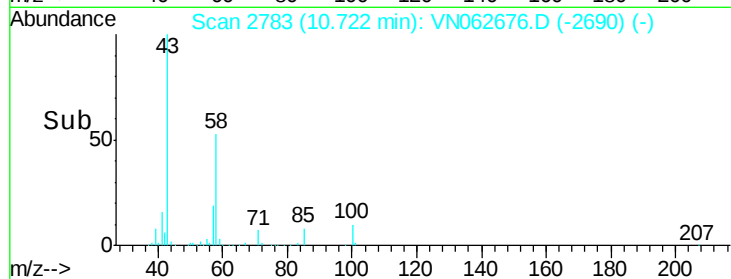
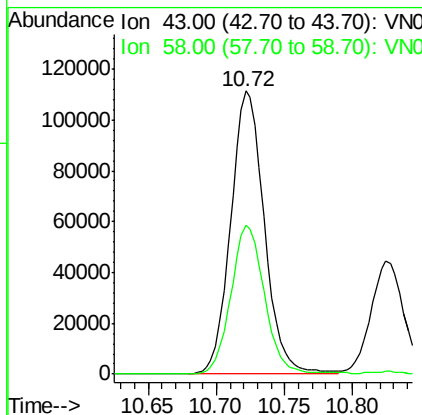
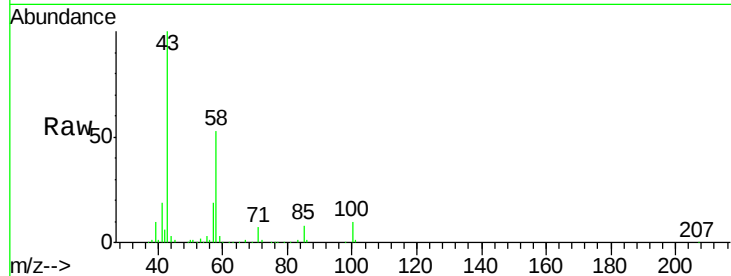
#59
2-Hexanone
Concen: 90.007 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion: 43 Resp: 189565
Ion Ratio Lower Upper
43 100
58 52.8 26.0 78.0

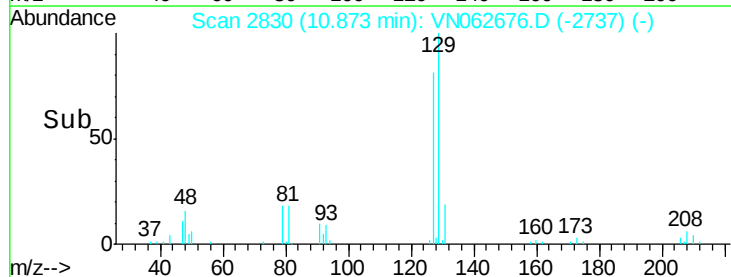
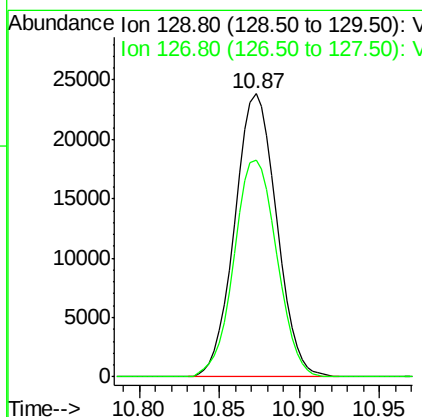
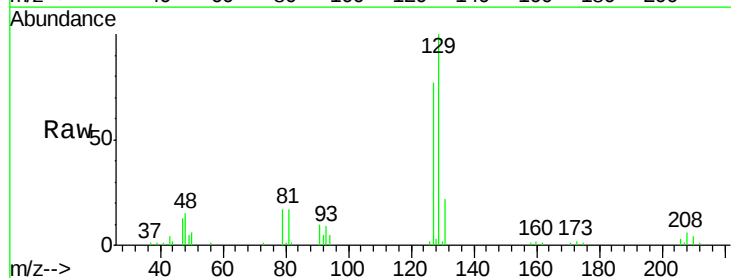
Manual Integrations
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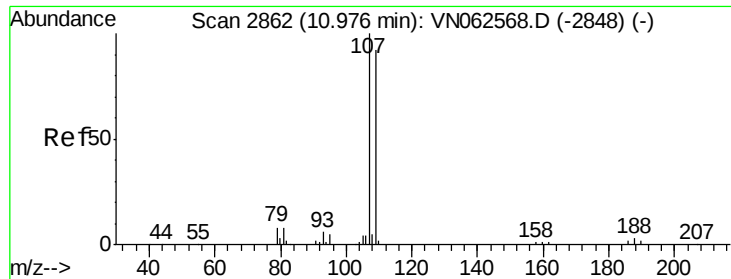
MMDadoda
8/3/2020 9:31:59 AM



#60
Dibromochloromethane
Concen: 20.884 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion: 129 Resp: 42515
Ion Ratio Lower Upper
129 100
127 78.1 38.0 113.9





#61

1,2-Dibromoethane

Concen: 19.314 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion:107 Resp: 36701

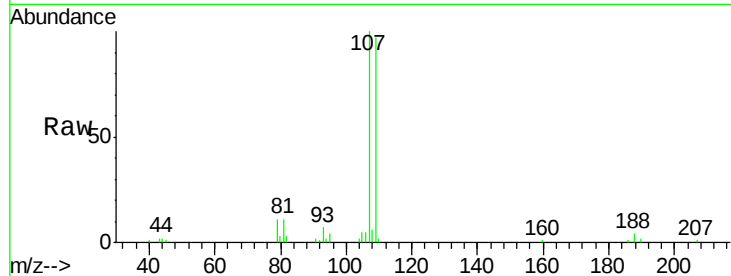
Ion Ratio Lower Upper

107 100

109 93.8 73.8 110.6

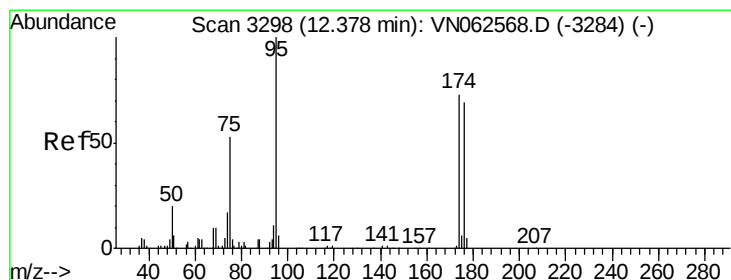
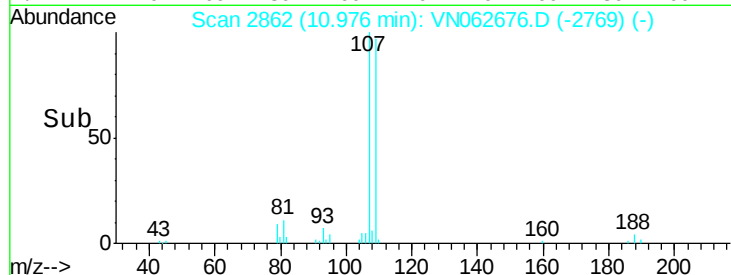
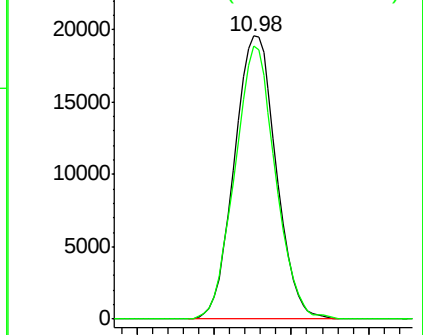
Manual Integrations
APPROVED

MMDadoda
8/3/2020 9:31:59 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.632 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

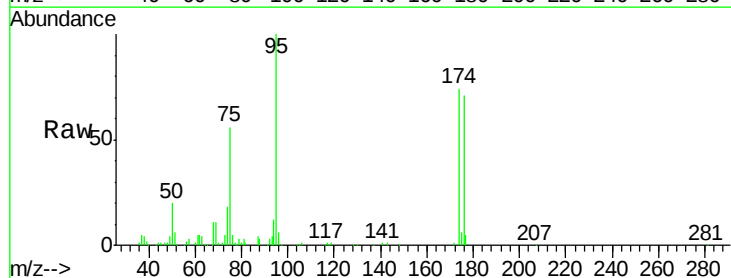
Tgt Ion: 95 Resp: 119415

Ion Ratio Lower Upper

95 100

174 73.6 0.0 144.6

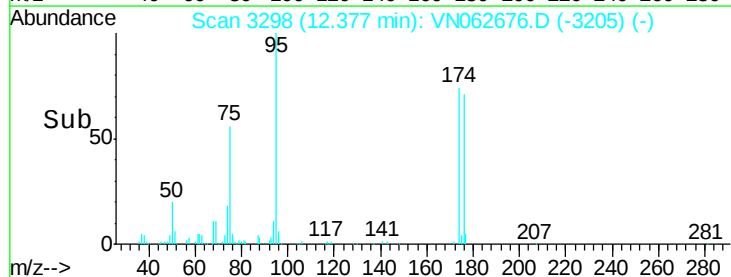
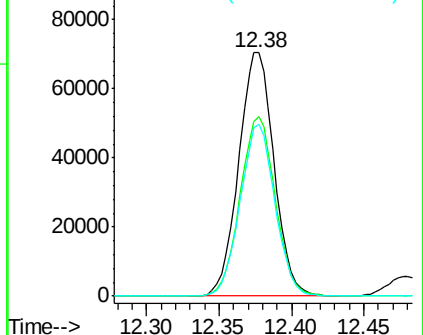
176 69.2 0.0 139.4

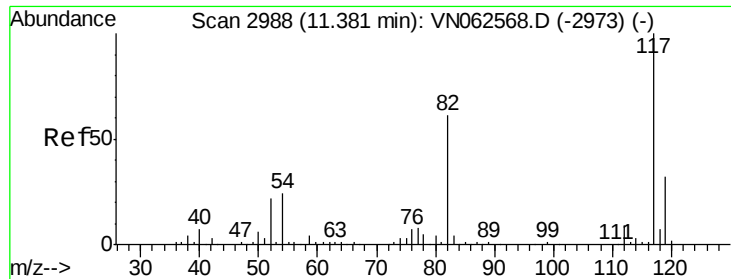


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





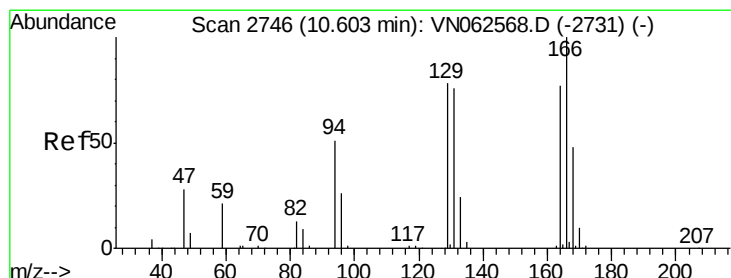
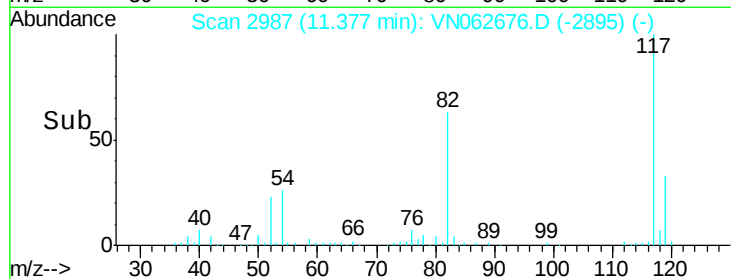
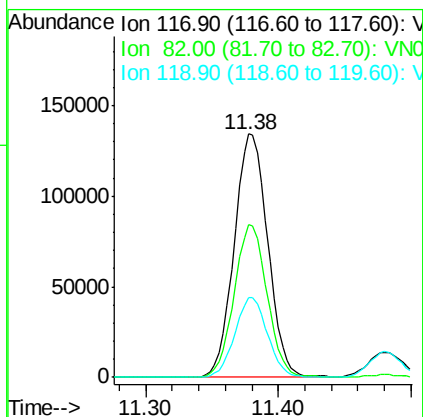
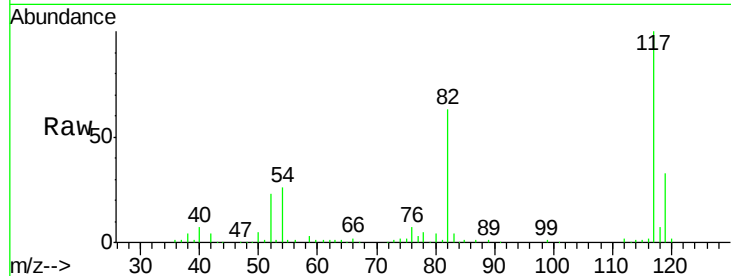
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampled :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.5	49.0	73.6
119	32.5	25.4	38.2

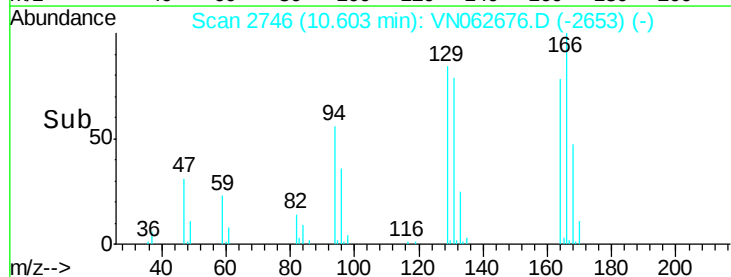
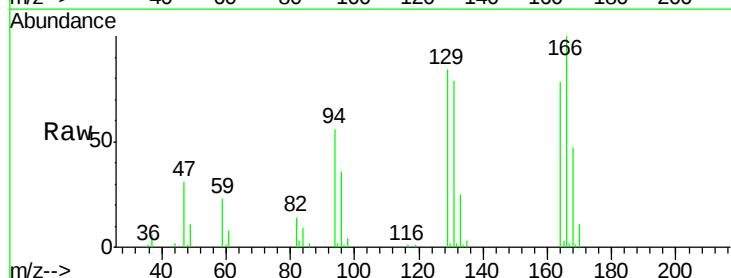
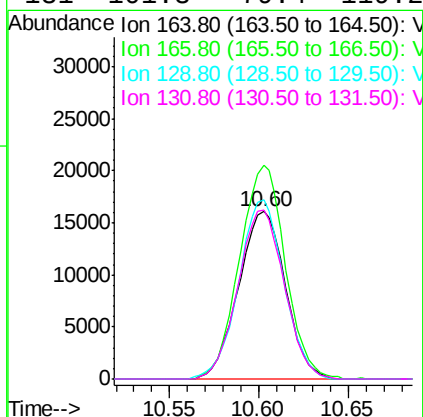
Manual Integrations
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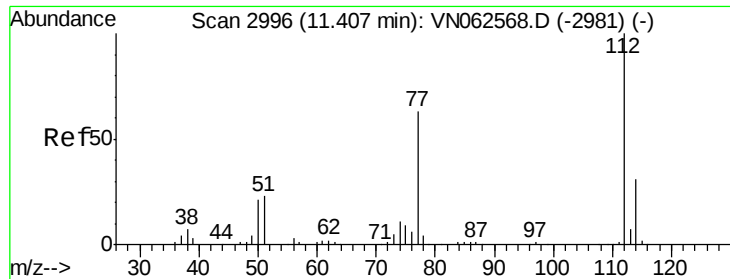
MMDadoda
8/3/2020 9:31:59 AM



#64
Tetrachloroethene
Concen: 19.189 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	104.4	156.6
129	107.3	81.0	121.4
131	101.3	79.4	119.2





#65

Chlorobenzene

Concen: 19.214 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion:112 Resp: 95233

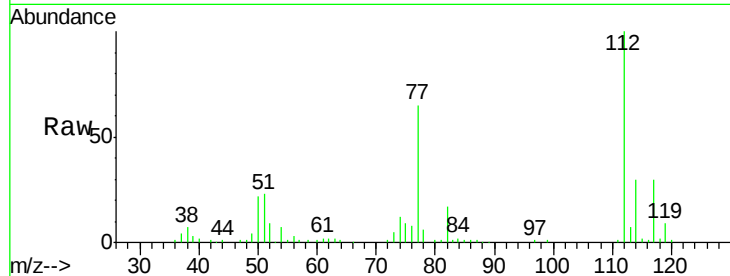
Ion Ratio Lower Upper

112 100

114 30.0 25.1 37.7

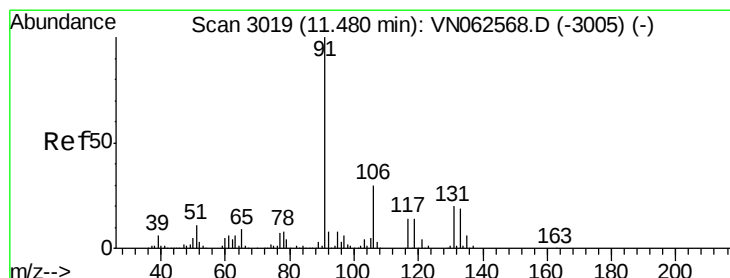
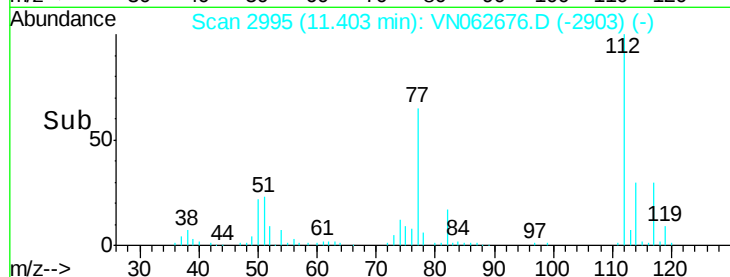
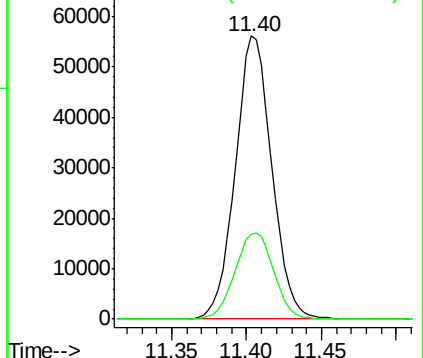
Manual Integrations
APPROVED

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8/3/2020 9:31:59 AM



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: 19.766 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

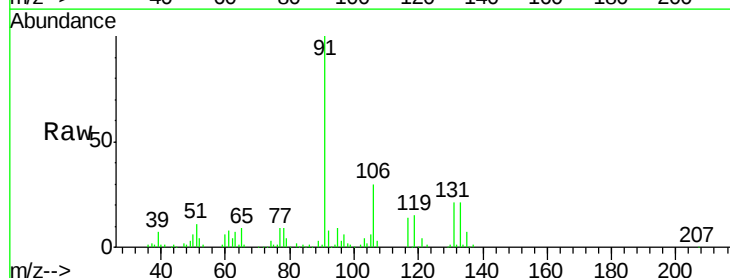
Tgt Ion:131 Resp: 36855

Ion Ratio Lower Upper

131 100

133 97.8 47.3 142.0

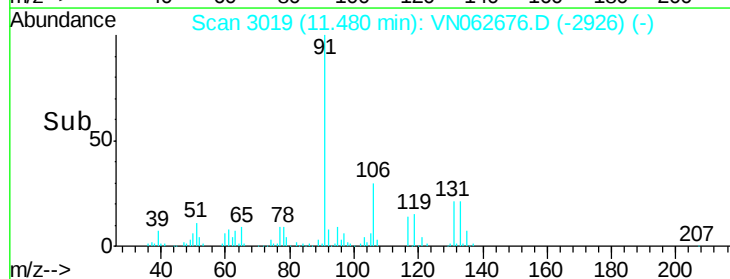
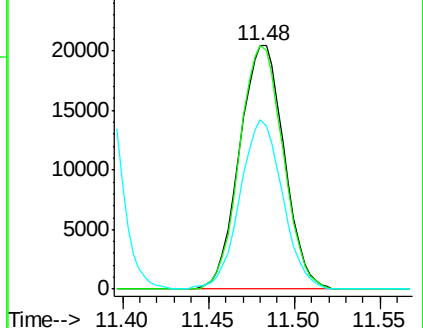
119 66.5 33.7 101.0

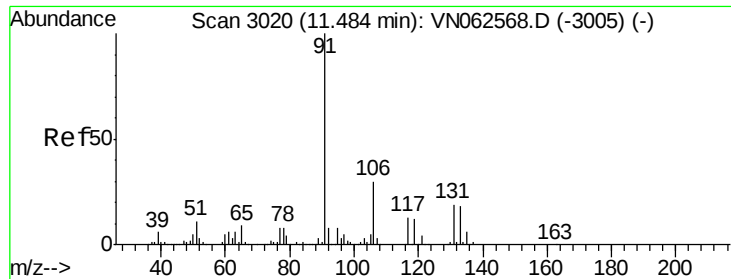


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





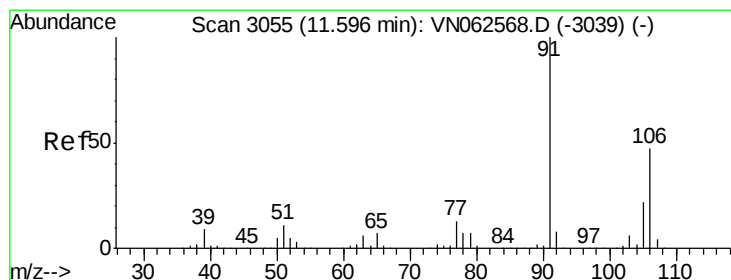
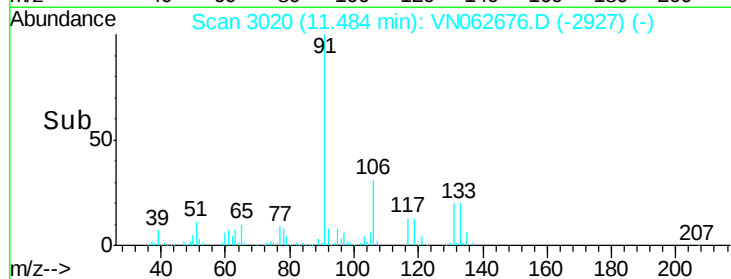
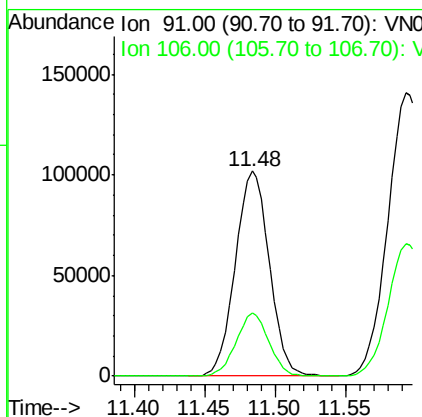
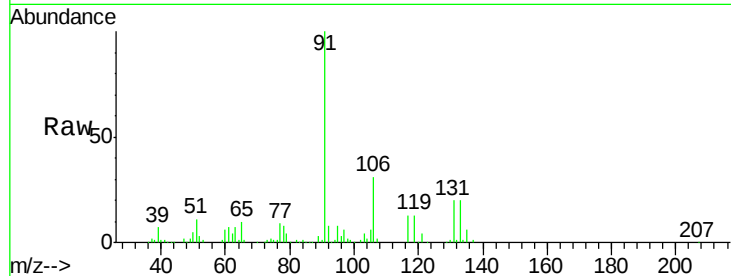
#67
Ethyl Benzene
Concen: 19.002 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion: 91 Resp: 172684
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8

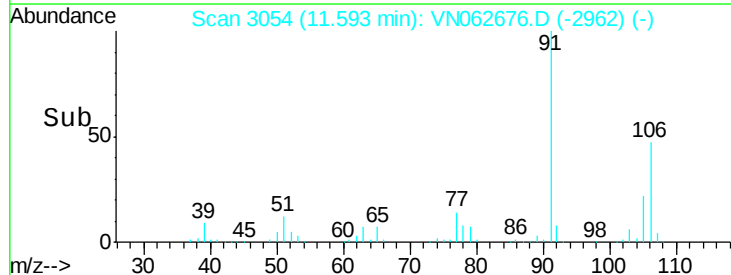
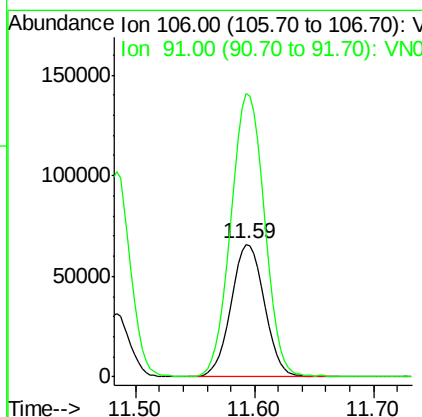
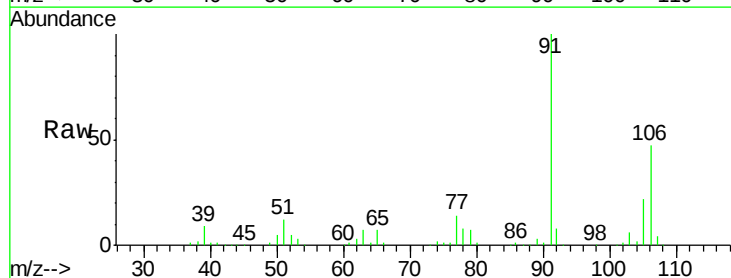
Manual Integrations
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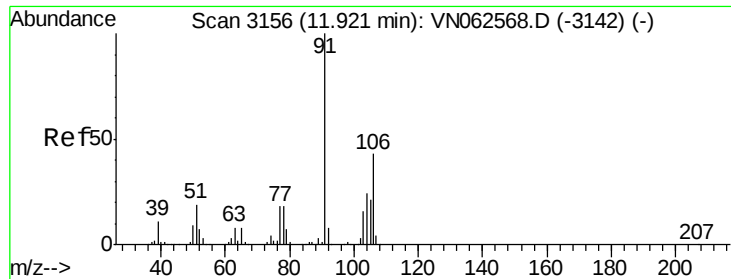
MMDadoda
8/3/2020 9:31:59 AM



#68
m/p-Xylenes
Concen: 39.156 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion: 106 Resp: 127897
Ion Ratio Lower Upper
106 100
91 215.1 171.4 257.2





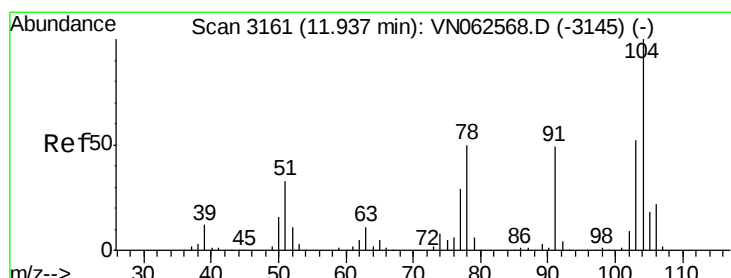
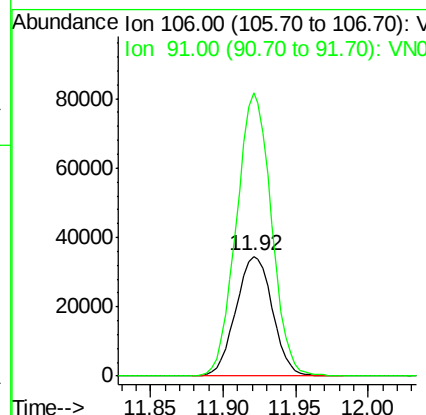
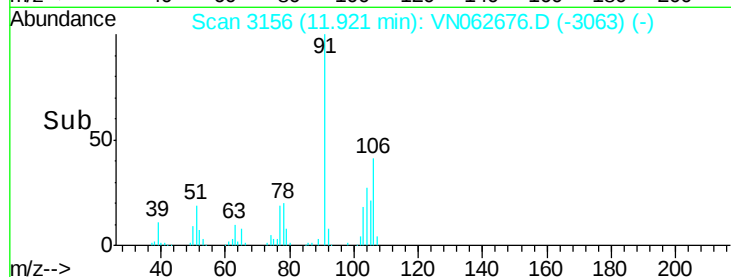
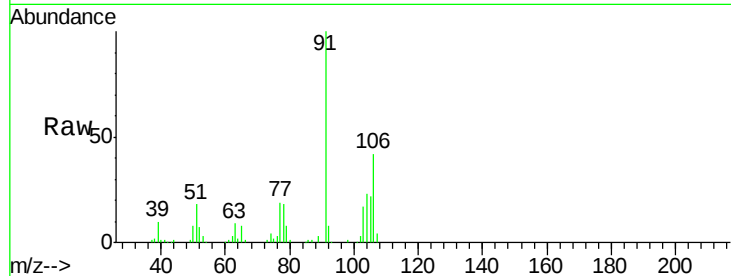
#69
o-Xylene
Concen: 19.505 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion:106 Resp: 60497
Ion Ratio Lower Upper
106 100
91 226.4 113.8 341.2

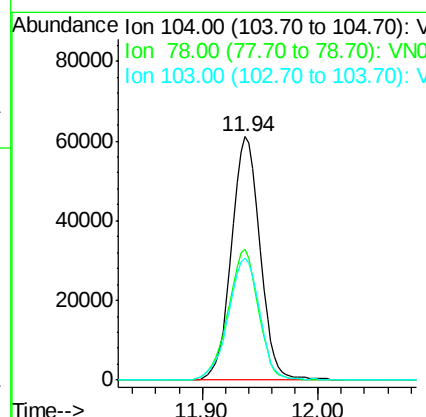
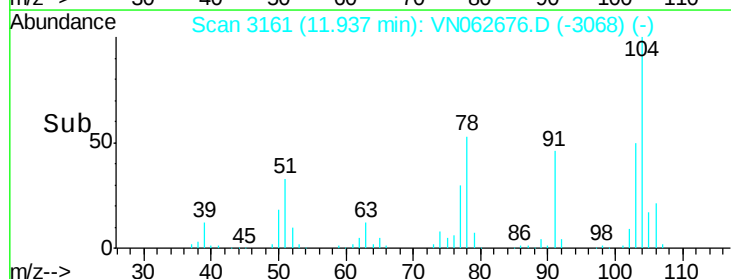
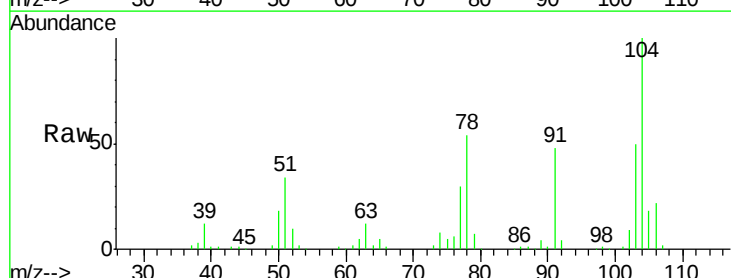
Manual Integrations
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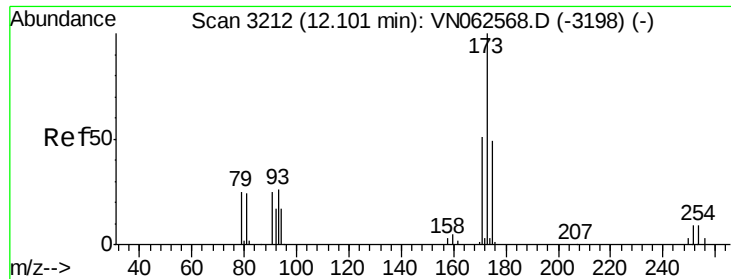
MMDadoda
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#70
Styrene
Concen: 19.818 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion:104 Resp: 103838
Ion Ratio Lower Upper
104 100
78 57.0 43.8 65.6
103 54.9 44.0 66.0





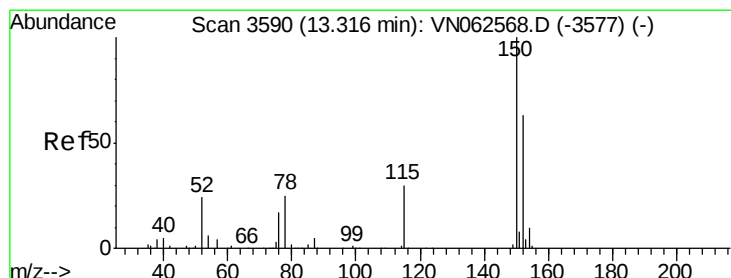
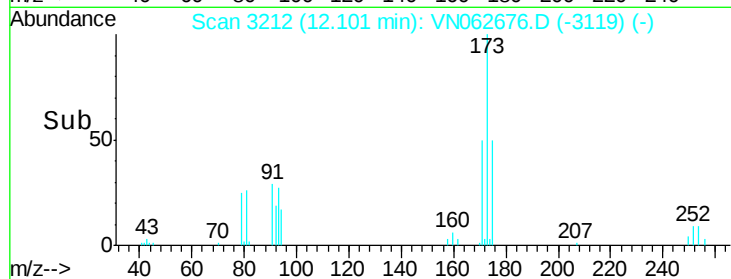
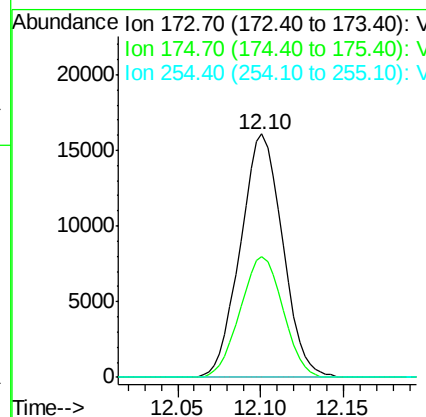
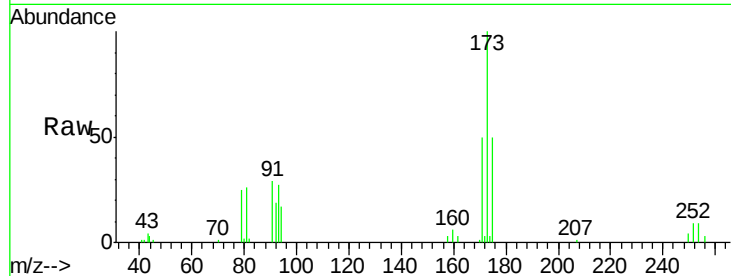
#71
Bromoform
Concen: 20.305 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.1	72.2
254	0.0	0.0	0.0

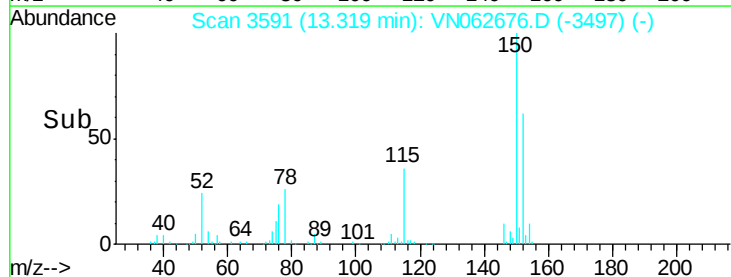
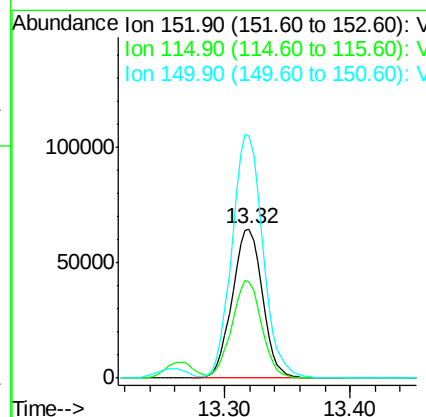
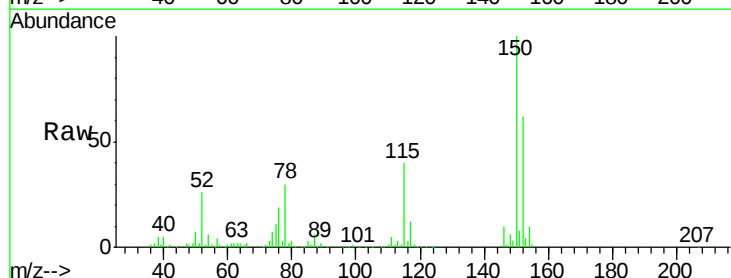
Manual Integrations
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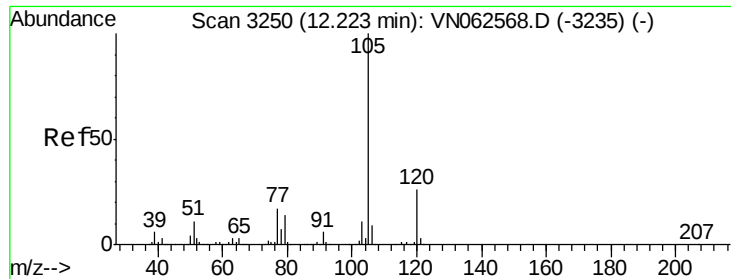
MMDadoda
8/3/2020 9:31:59 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.8	31.8	95.4
150	167.8	0.0	351.4





#73

Isopropylbenzene

Concen: 19.468 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD01

Tot Ion: 105 Resp: 165999

Ion Ratio Lower Upper

105 100

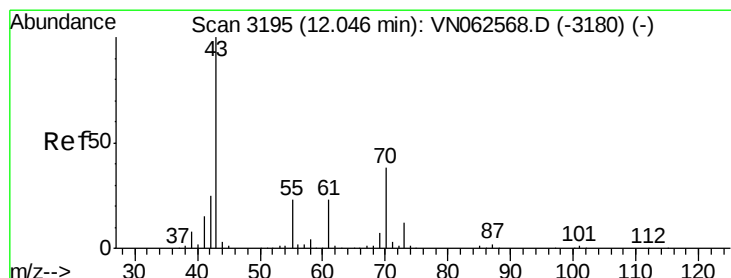
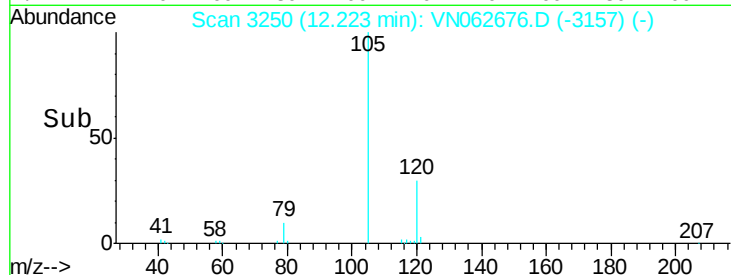
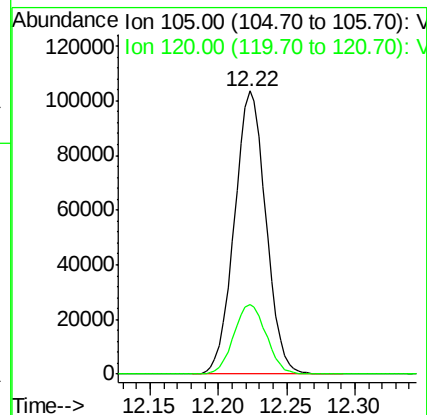
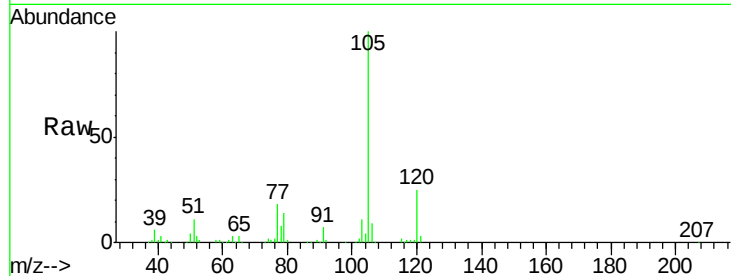
120 25.3 12.8 38.4

Manual Integrations

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MMDadoda

8/3/2020 9:31:59 AM



#74

N-ethyl acetate

Concen: 19.371 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion: 43 Resp: 73761

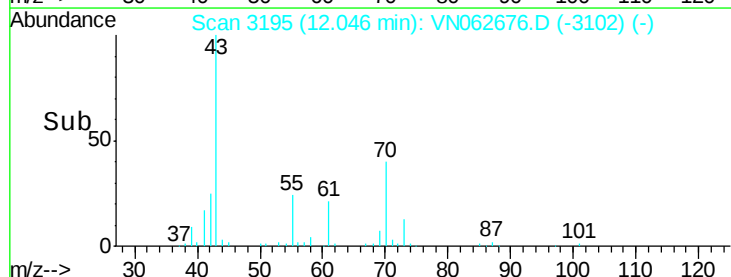
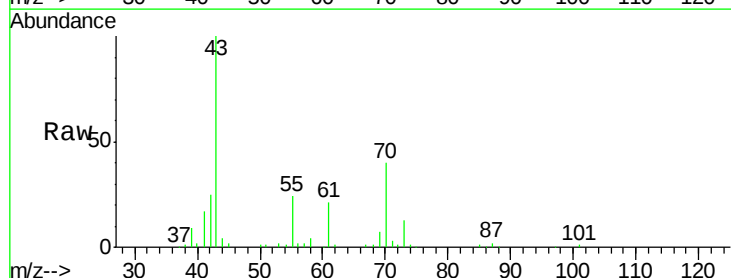
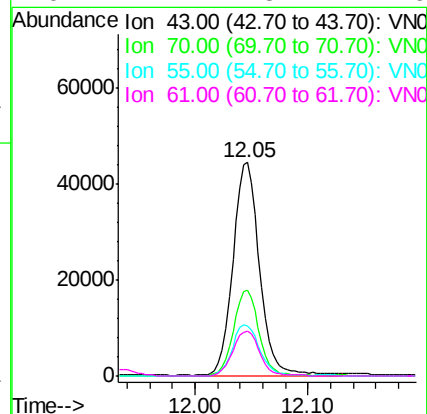
Ion Ratio Lower Upper

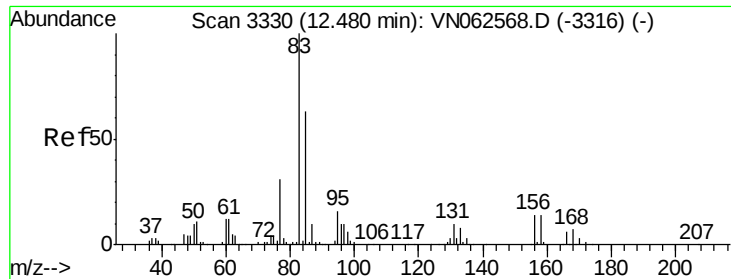
43 100

70 38.1 30.5 45.7

55 24.6 19.0 28.6

61 21.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.546 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

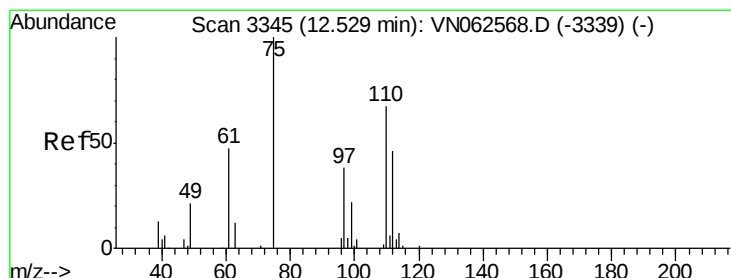
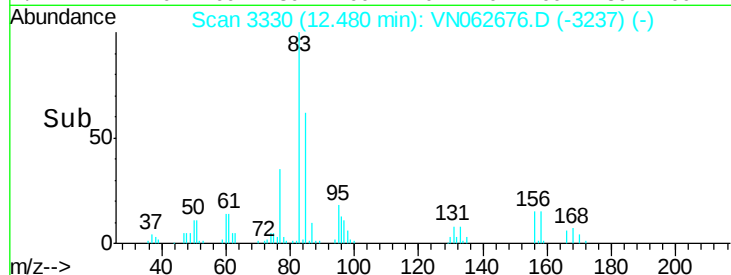
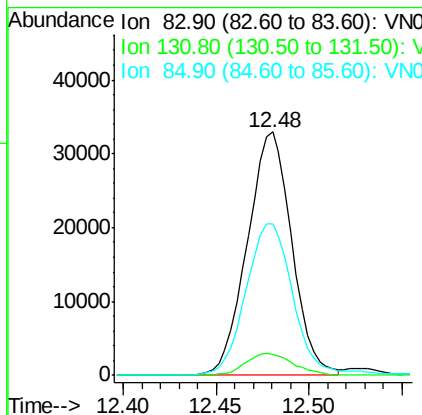
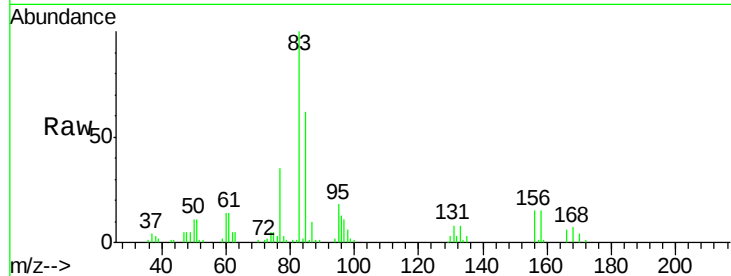
ClientSampleId :

VN0731WBSD01

Tot Ion:	83	Resp:	54952
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.8	14.3
85	66.6	31.8	95.4

Manual Integrations
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8/3/2020 9:31:59 AM



#76

1,2,3-Trichloropropane

Concen: 19.829 ug/l m

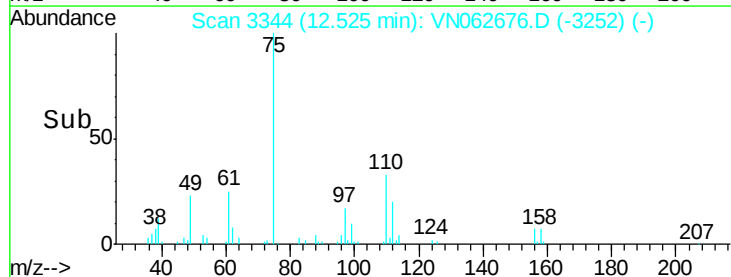
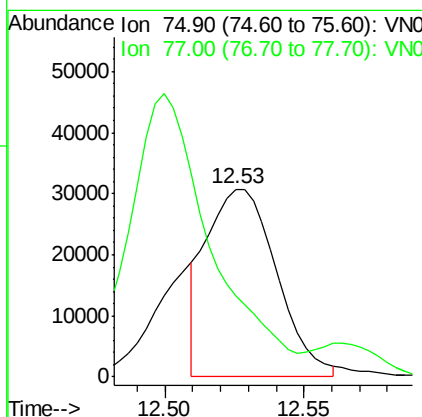
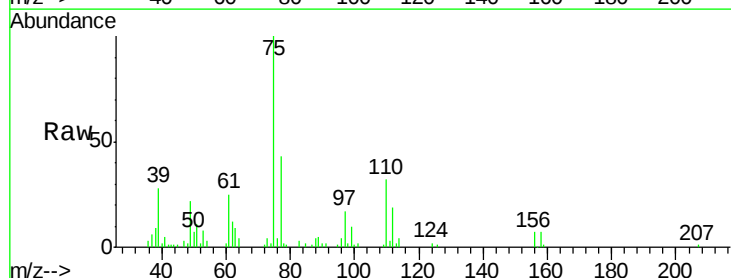
RT: 12.53 min Scan# 3344

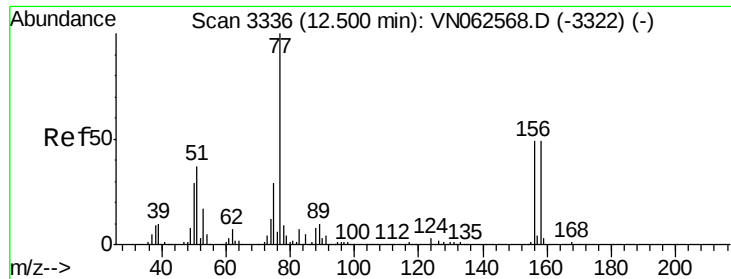
Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion:	75	Resp:	54427
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.341 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

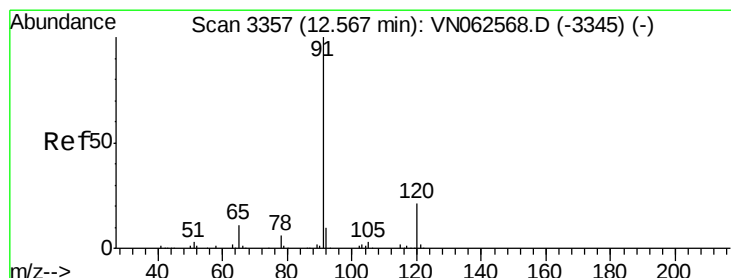
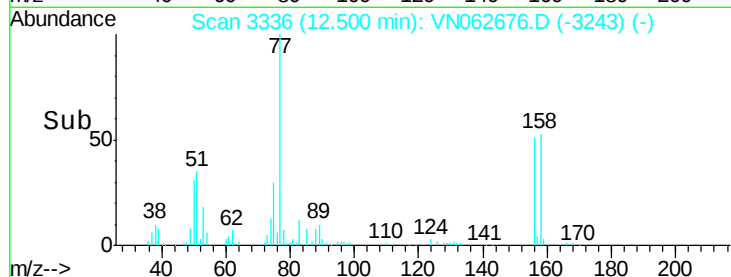
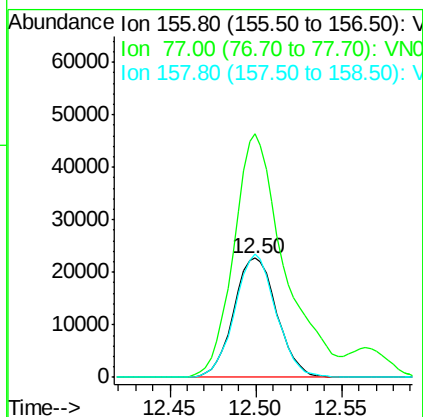
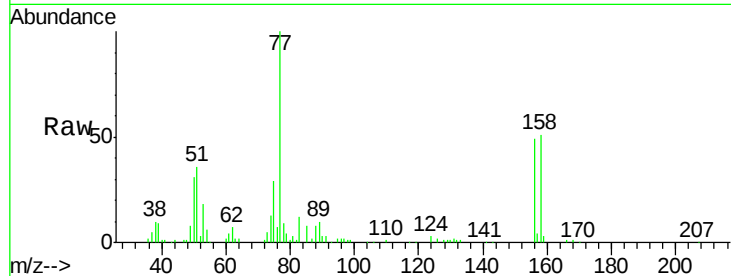
ClientSampleId :

VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	239.6	122.8	368.3
158	98.8	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 19.148 ug/l

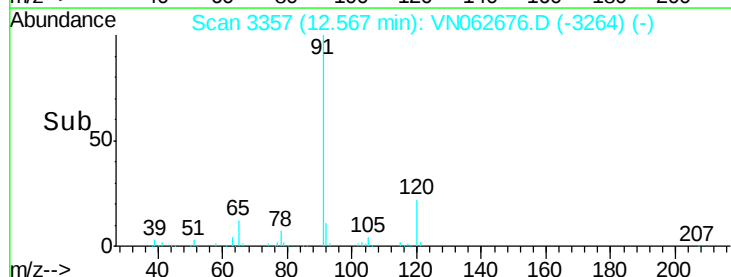
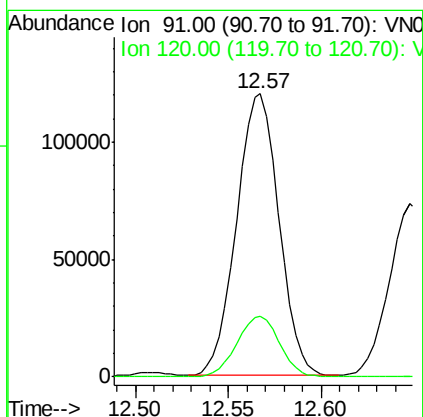
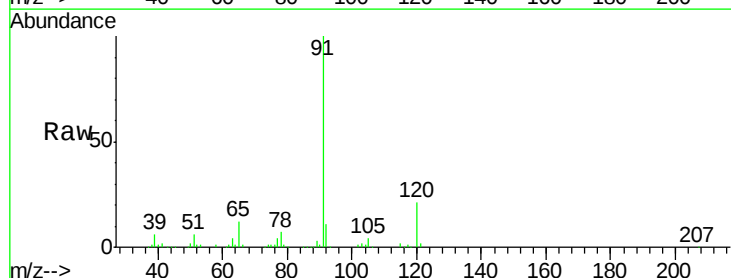
RT: 12.57 min Scan# 3357

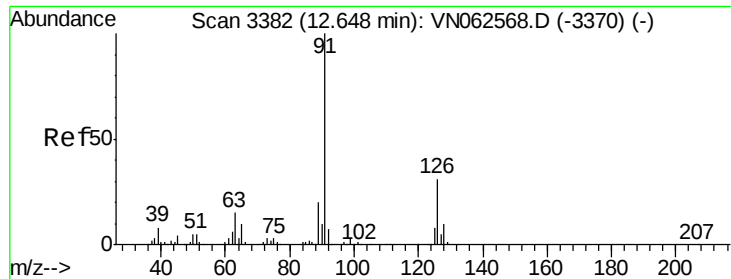
Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.6





#79

2-Chlorotoluene

Concen: 19.401 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

VN0731WBSD01

Tot Ion: 91 Resp: 119418

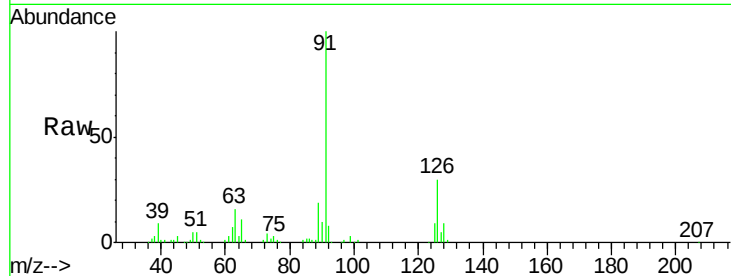
Ion Ratio Lower Upper

91 100

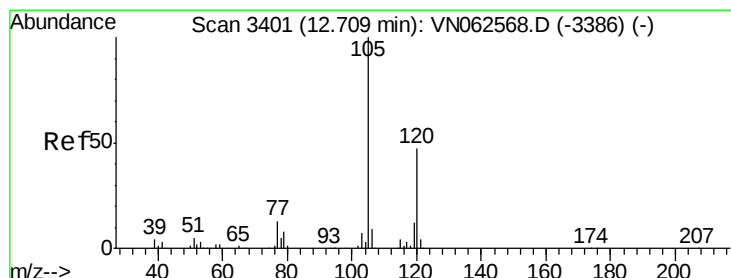
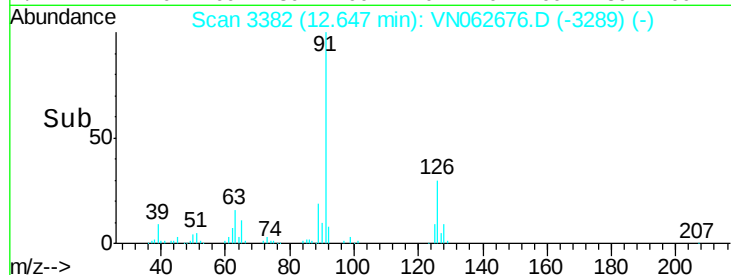
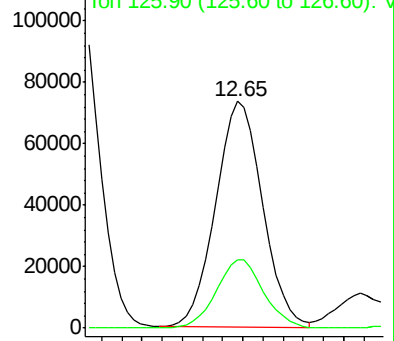
126 30.6 15.9 47.6

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Abundance Ion 91.00 (90.70 to 91.70): VN062676.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.600 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062676.D

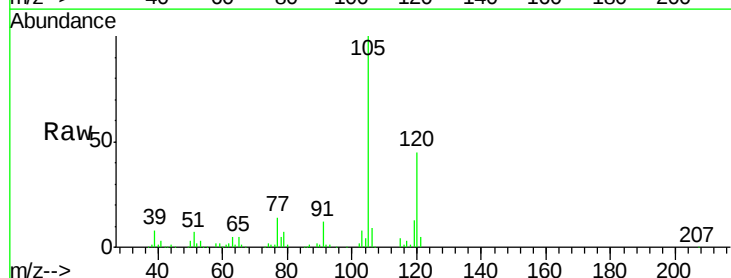
Acq: 31 Jul 2020 11:28

Tgt Ion: 105 Resp: 145699

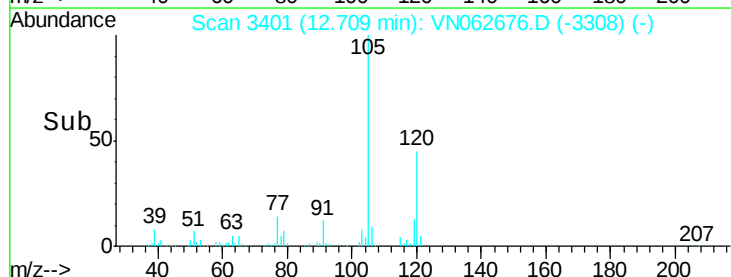
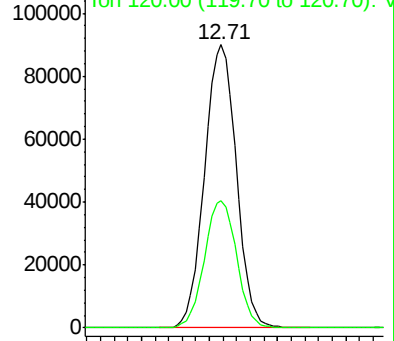
Ion Ratio Lower Upper

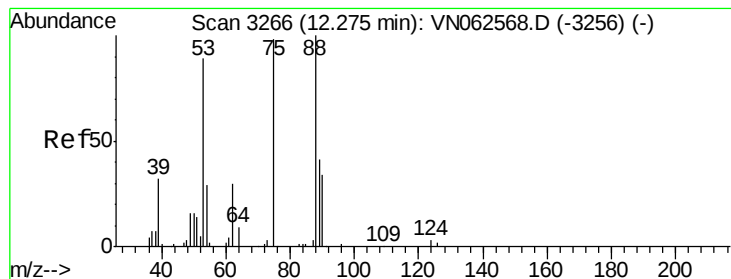
105 100

120 45.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062676.D (-3398) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.354 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

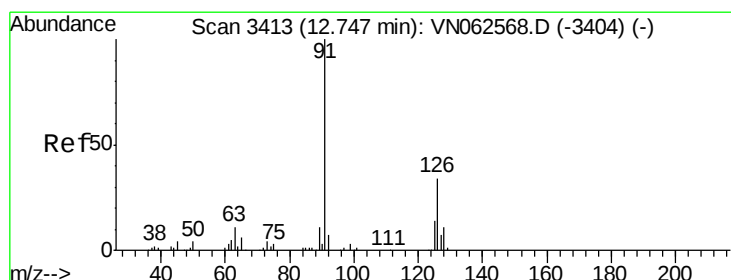
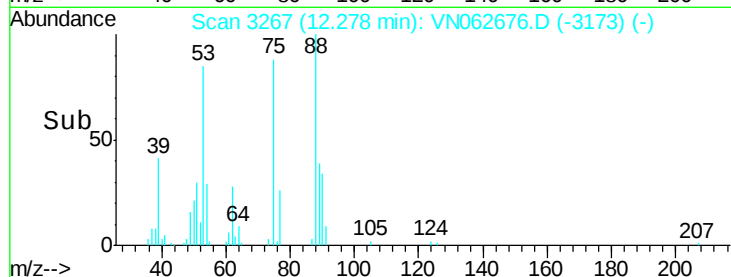
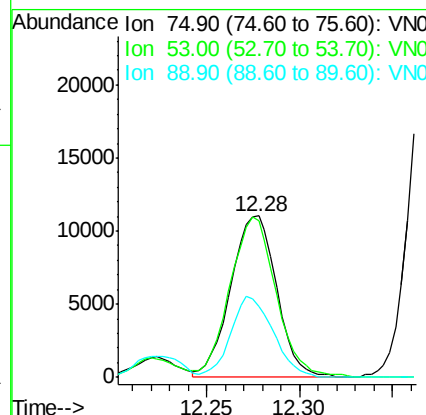
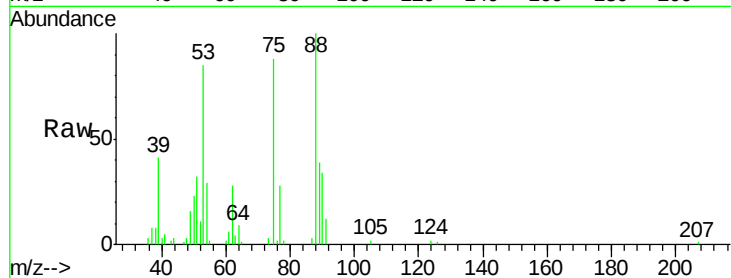
ClientSampleId :

VN0731WBSD01

Tot Ion:	75	Resp:	19083
Ion Ratio	Lower	Upper	
75	100		
53	99.9	75.4	113.0
89	46.1	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.479 ug/l

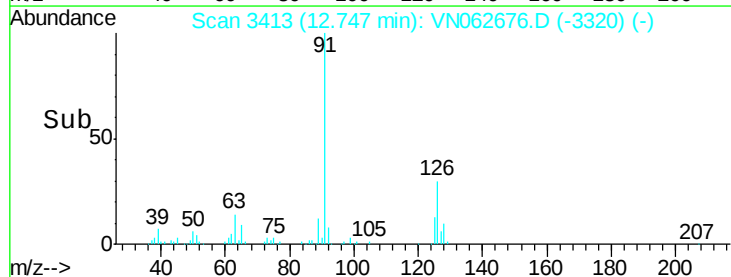
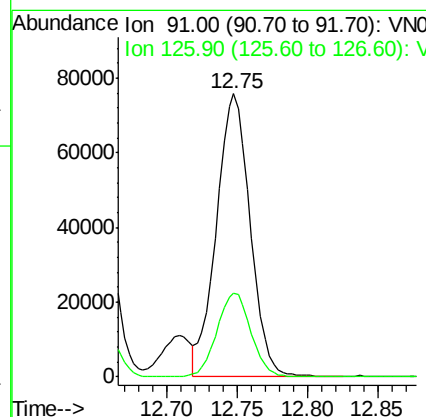
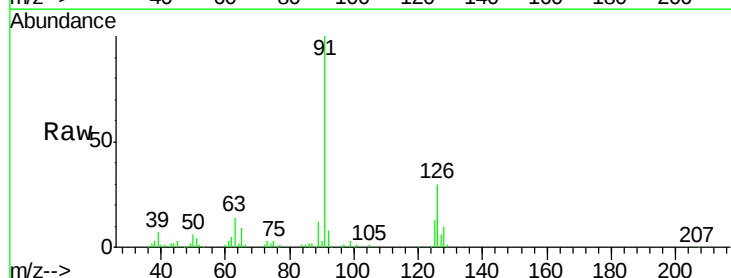
RT: 12.75 min Scan# 3413

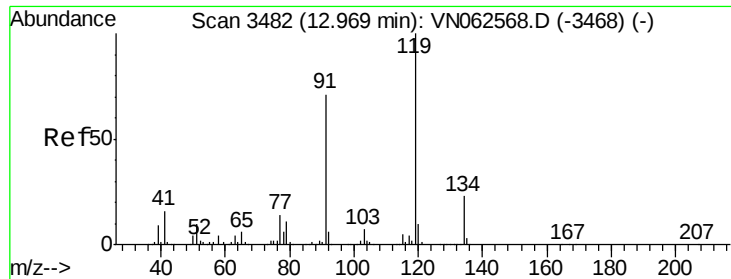
Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion:	91	Resp:	124803
Ion Ratio	Lower	Upper	
91	100		
126	30.0	15.4	46.4





#83

tert-Butylbenzene

Concen: 20.188 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

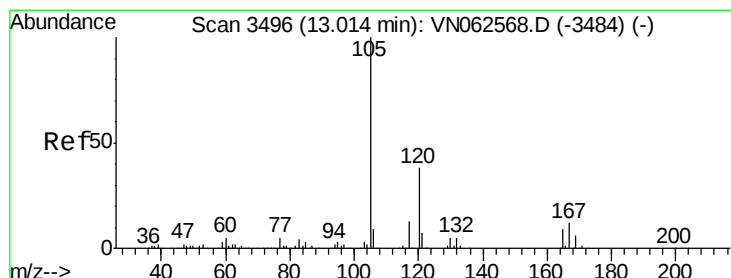
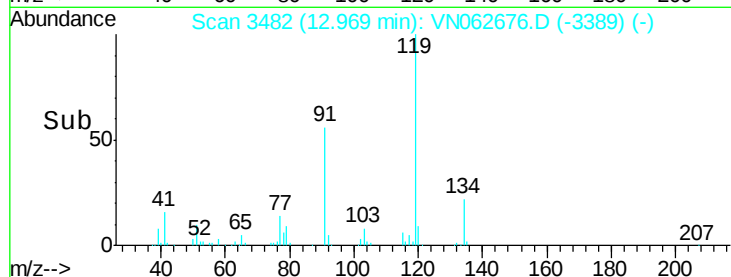
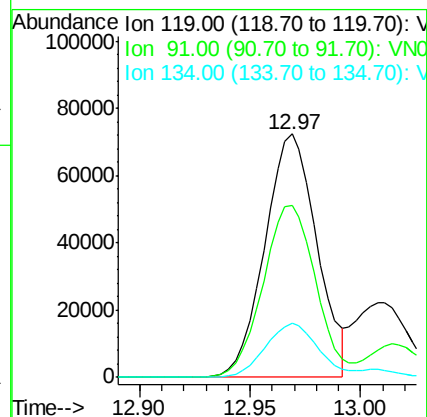
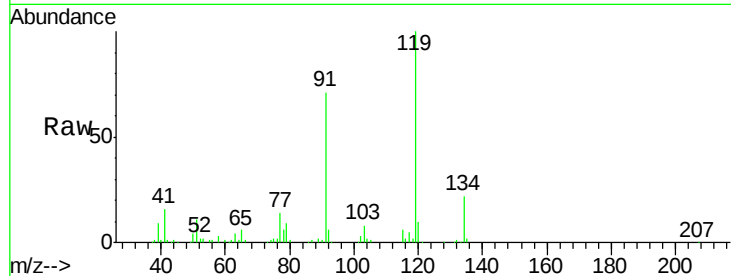
ClientSampleId :

VN0731WBSD01

Tot Ion:	119	Resp:	118566
Ion Ratio	Lower	Upper	
119	100		
91	72.2	34.6	103.8
134	22.6	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.271 ug/l

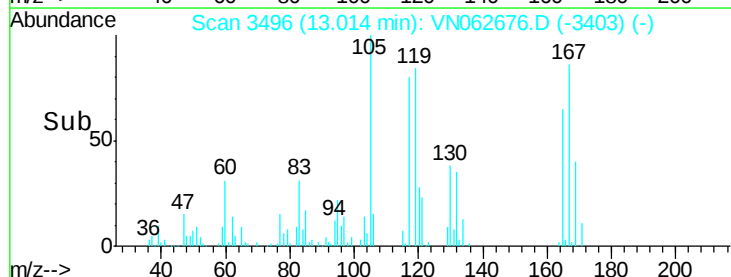
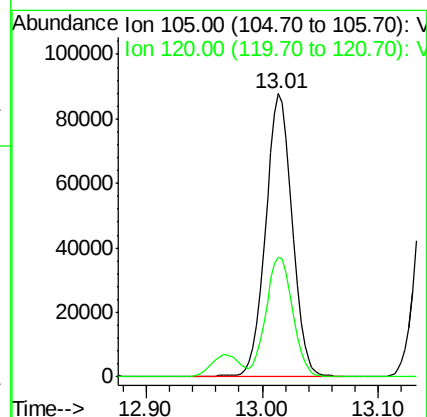
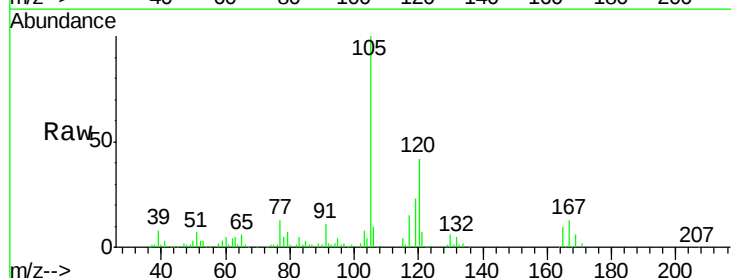
RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion:	105	Resp:	140648
Ion Ratio	Lower	Upper	
105	100		
120	42.3	22.1	66.3





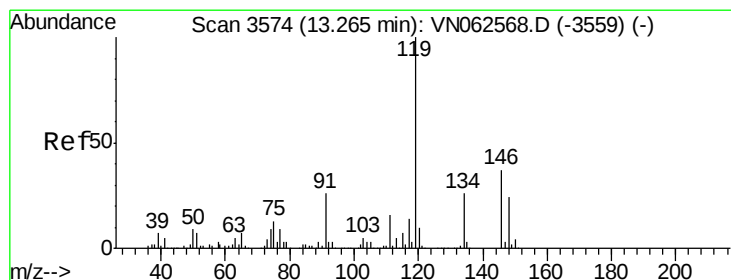
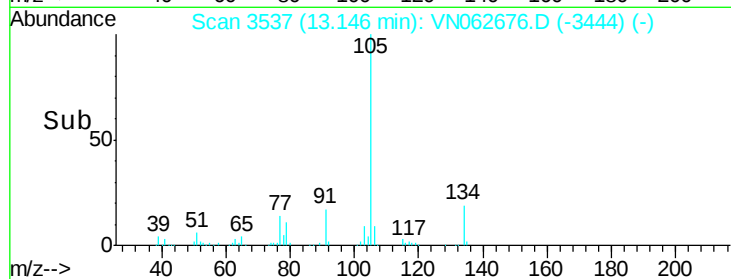
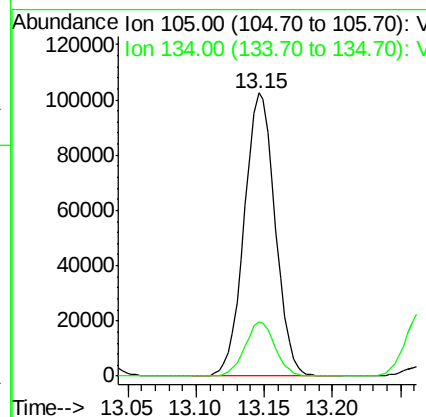
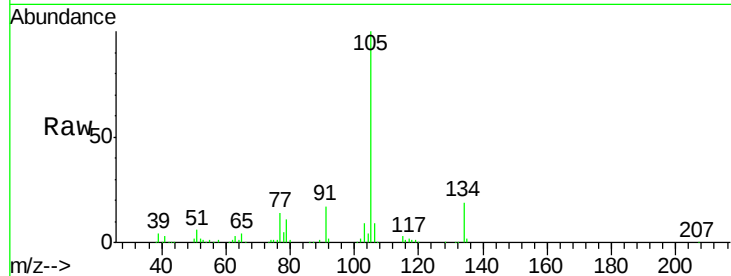
#85
 sec-Butylbenzene
 Concen: 20.508 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	161252		
134	18.7	9.5	28.5	

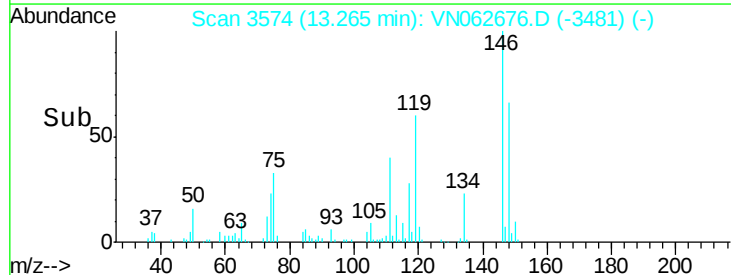
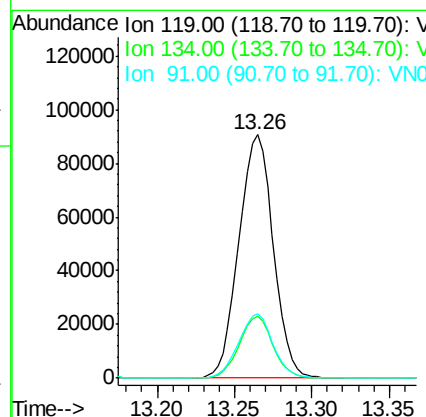
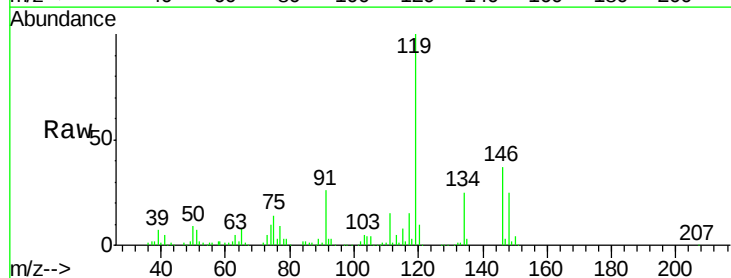
Manual Integrations
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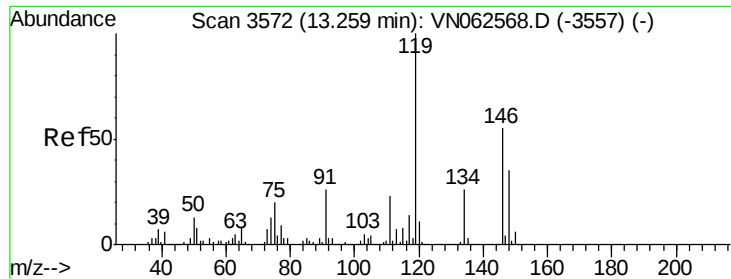
MMDadoda
 8/3/2020 9:31:59 AM



#86
 p-Isopropyltoluene
 Concen: 20.791 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	140599		
134	24.6	12.8	38.4	
91	26.2	12.7	38.1	





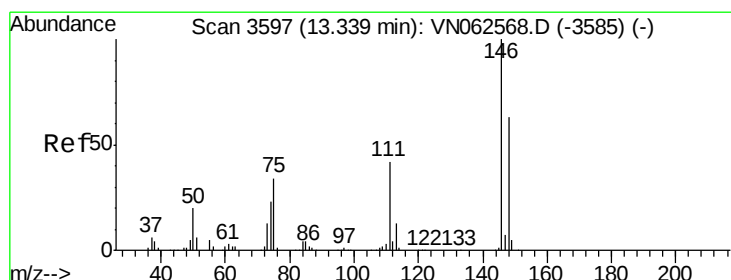
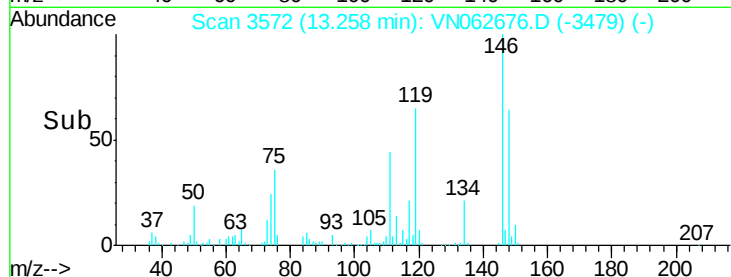
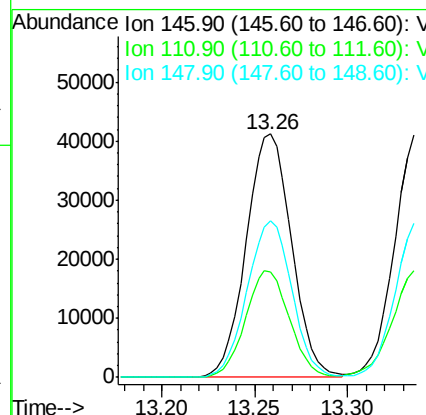
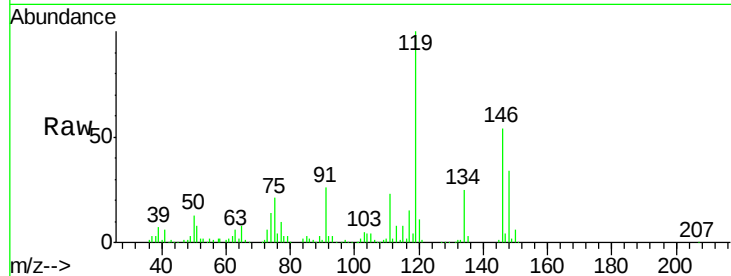
#87
 1,3-Dichlorobenzene
 Concen: 19.497 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.6	64.6
148	63.3	31.8	95.4

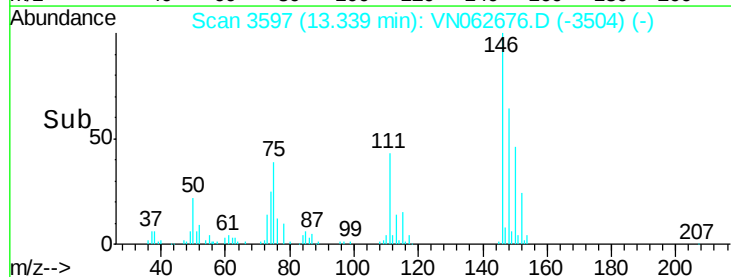
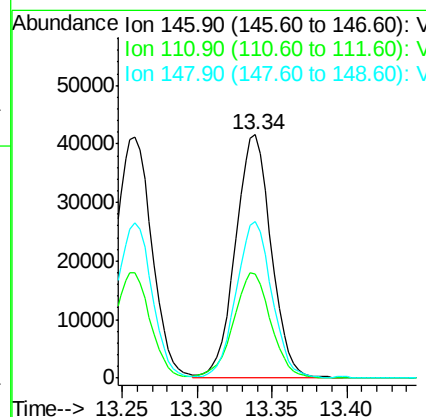
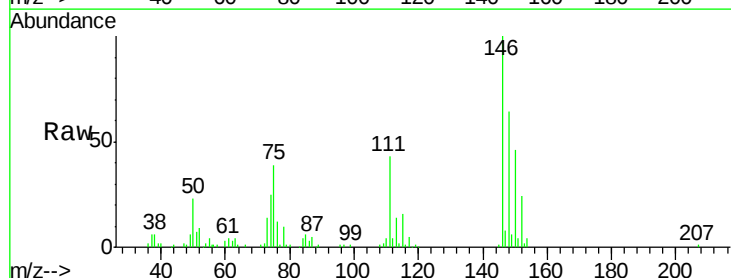
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 19.584 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.1	63.1
148	63.5	31.6	94.8





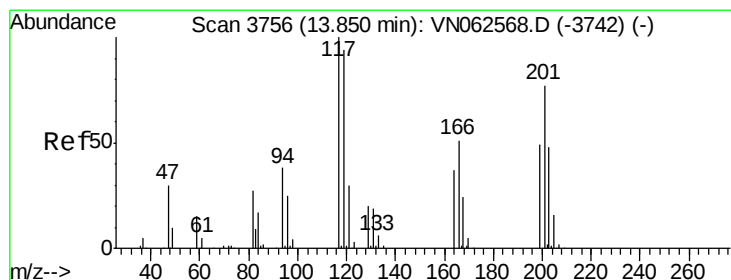
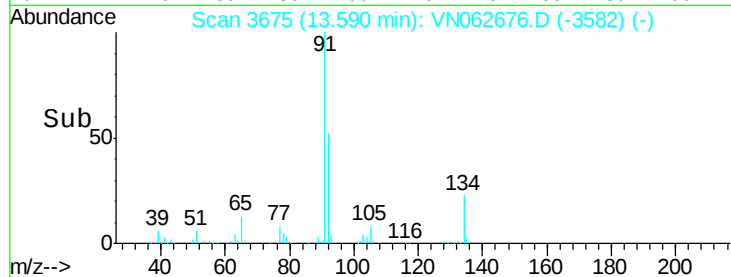
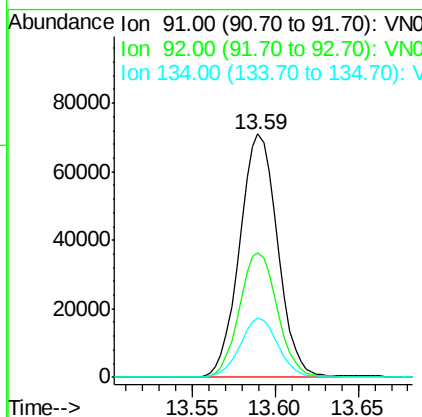
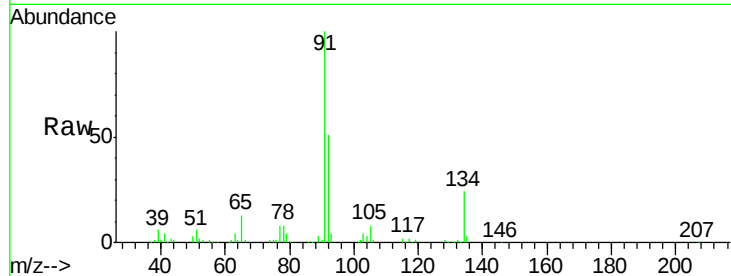
#89
n-Butylbenzene
Concen: 19.517 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.8	77.3
134	24.1	11.8	35.3

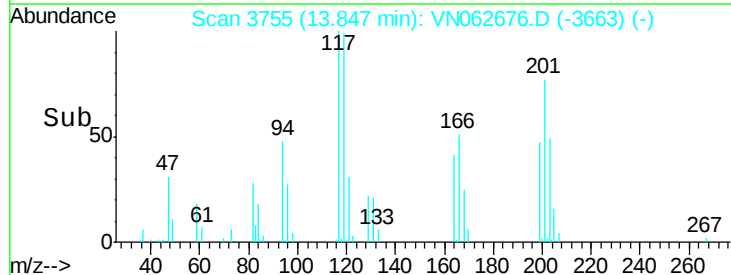
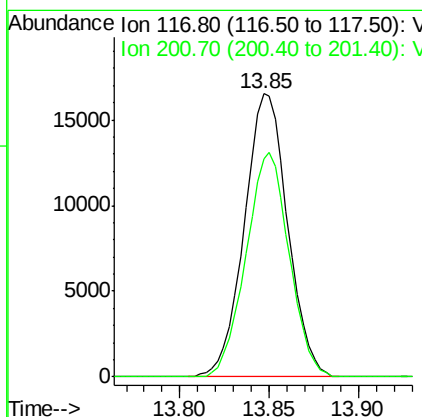
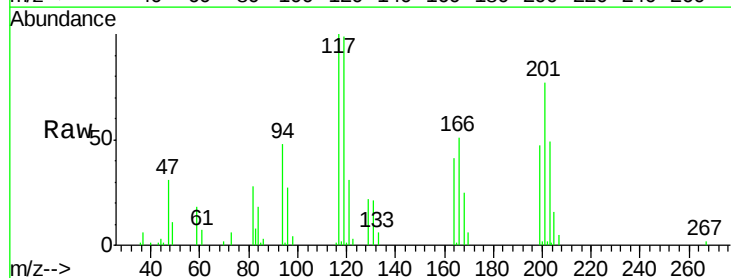
Manual Integrations
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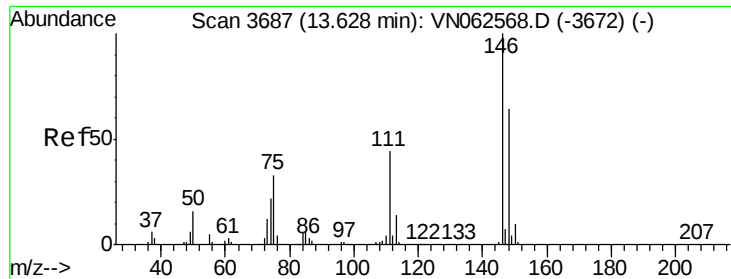
MMDadoda
8/3/2020 9:31:59 AM



#90
Hexachloroethane
Concen: 19.434 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062676.D
Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	39.2	117.6





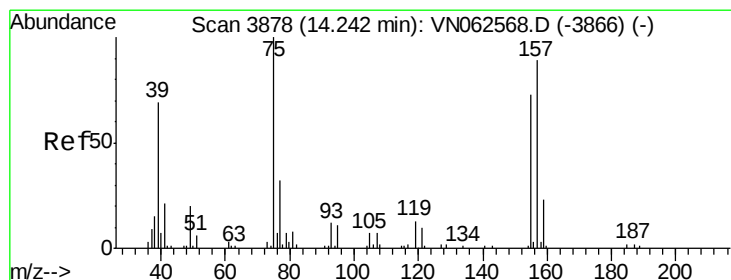
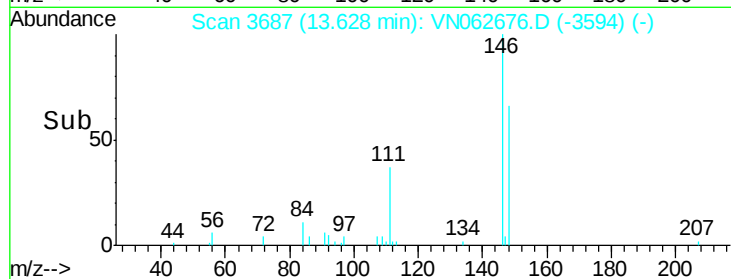
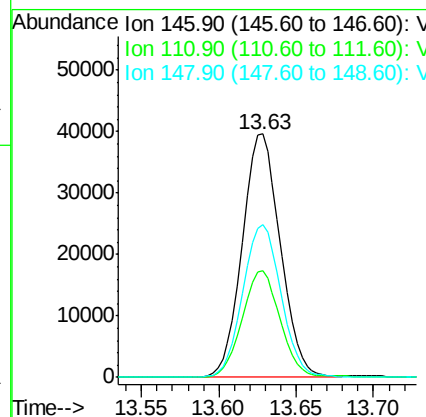
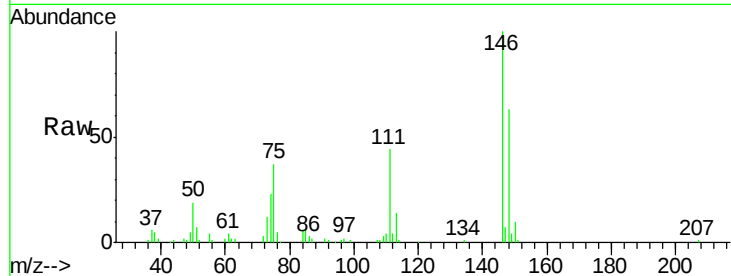
#91
 1,2-Dichlorobenzene
 Concen: 19.775 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.8
148	62.9	31.6	94.7

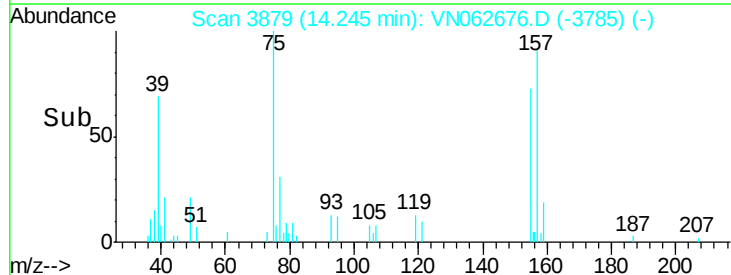
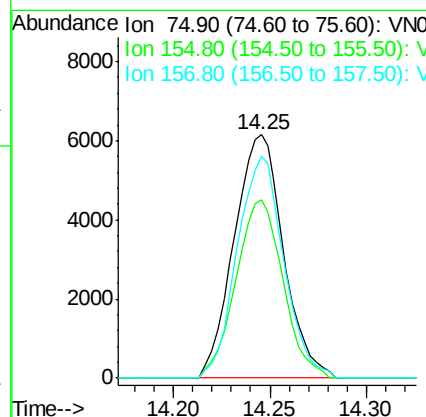
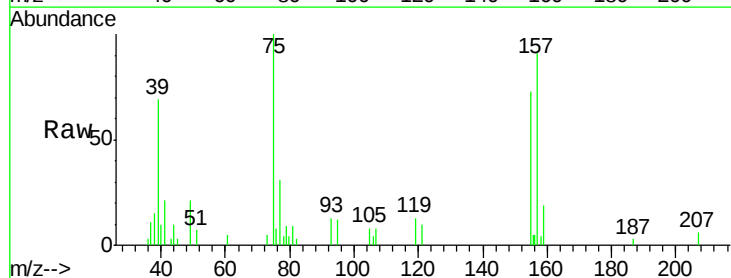
Manual Integrations
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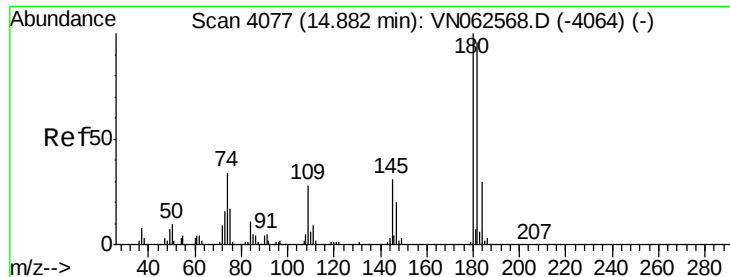
MMDadoda
 8/3/2020 9:31:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.237 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.7	35.9	107.5
157	86.2	45.0	135.0





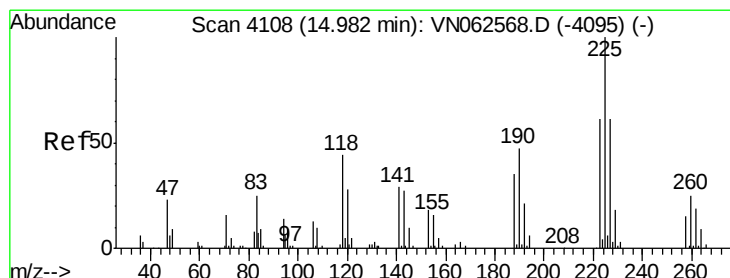
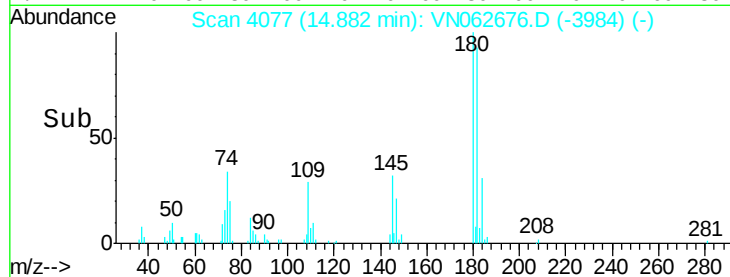
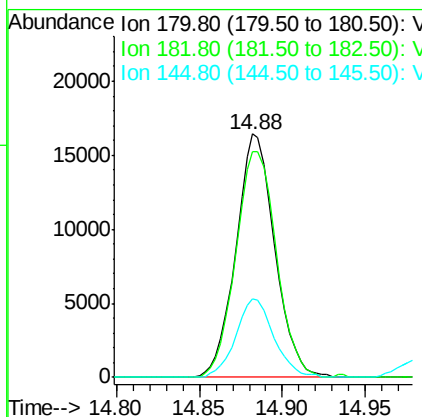
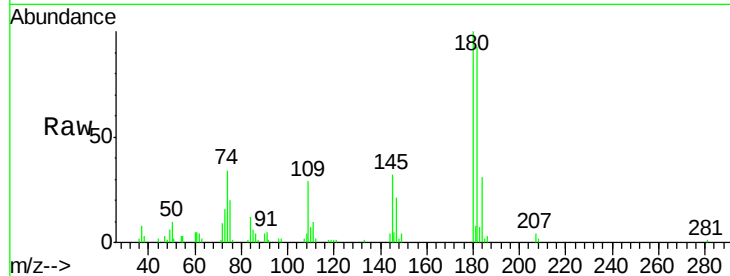
#93
 1,2,4-Trichlorobenzene
 Concen: 16.994 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.8	143.3
145	31.5	15.3	45.9

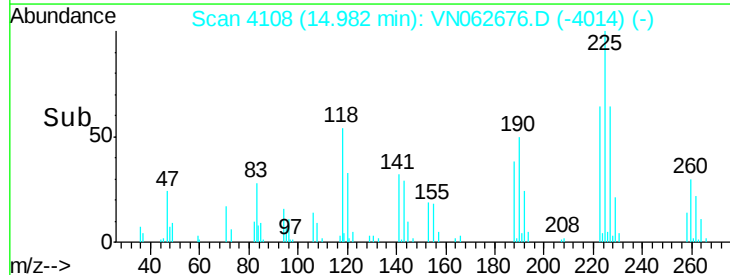
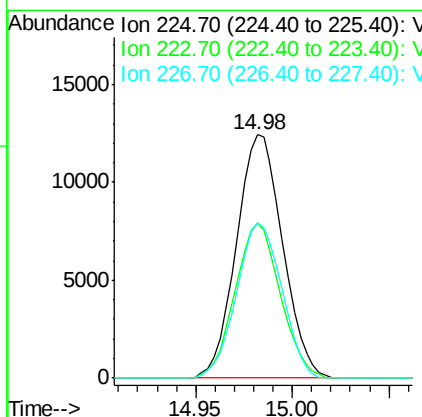
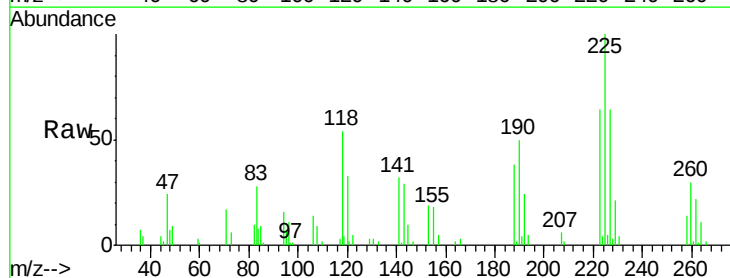
Manual Integrations
 APPROVED

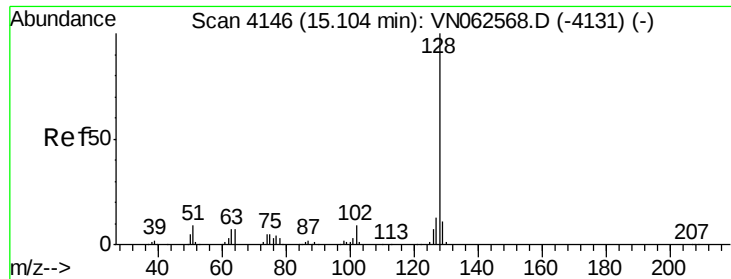
MMDadoda
 8/3/2020 9:31:59 AM



#94
 Hexachlorobutadiene
 Concen: 21.963 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062676.D
 Acq: 31 Jul 2020 11:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.0	96.0
227	62.3	31.1	93.2





#95

Naphthalene

Concen: 16.763 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Instrument :

MSVOA_N

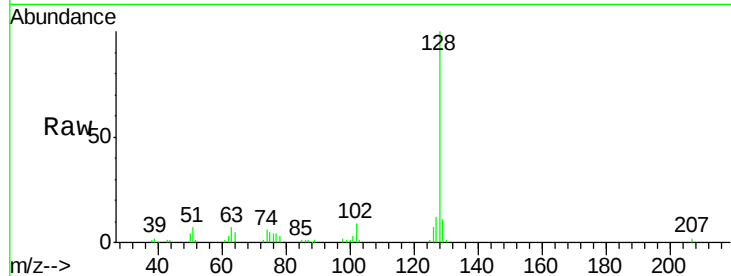
ClientSampled :

VN0731WBSD01

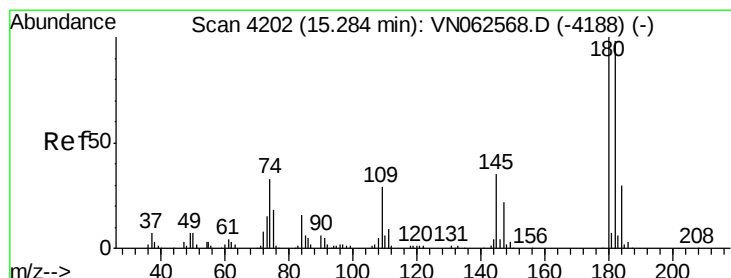
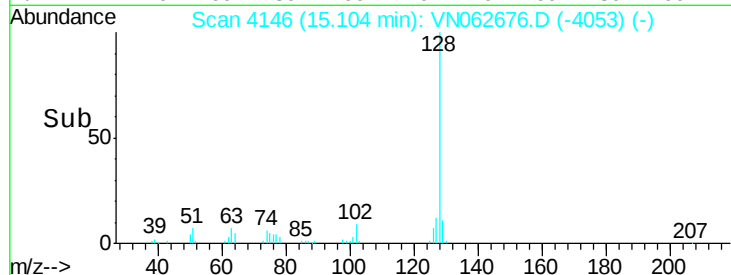
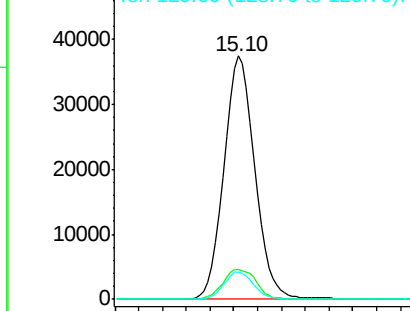
Tot Ion:	128	Resp:	67424
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

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8/3/2020 9:31:59 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.068 ug/l

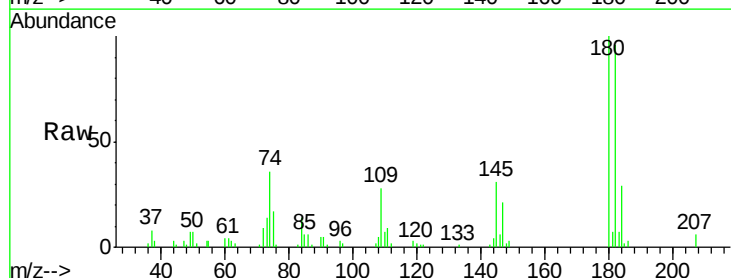
RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062676.D

Acq: 31 Jul 2020 11:28

Tgt Ion:	180	Resp:	27657
Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.1	144.3
145	33.3	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

