

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064314.D
 Acq On : 26 Oct 2020 21:02
 Operator : JC/MD
 Sample : VN1026WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1026WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:42:20 PM

Quant Time: Oct 27 14:25:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 17:44:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	45872	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	259378	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	236621	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	129367	31.35	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.50%
60) 4-Bromofluorobenzene	12.38	95	122328	28.90	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.33%
63) Toluene-d8	10.06	98	319802	30.31	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	76506	20.392 ug/l	91
3) Chloromethane	2.04	50	68600	19.569 ug/l	99
4) Vinyl Chloride	2.16	62	68407	20.015 ug/l	99
5) Bromomethane	2.53	94	43065	20.414 ug/l	99
6) Chloroethane	2.67	64	37056	19.410 ug/l	98
7) Trichlorofluoromethane	2.98	101	105546	20.045 ug/l	90
8) Diethyl Ether	3.37	74	32510	19.274 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52834	19.698 ug/l	97
10) 1,1-Dichloroethene	3.70	96	51415	19.948 ug/l	99
11) Methyl Iodide	3.91	142	70910	19.213 ug/l	96
12) Methyl Acetate	4.28	43	61671	19.982 ug/l	98
13) Acrolein	3.56	56	17354m	85.135 ug/l	
14) Acrylonitrile	4.93	53	130358	97.106 ug/l	97
15) Acetone	3.78	58	35836	97.046 ug/l	91
16) Carbon Disulfide	4.01	76	141820	18.537 ug/l	98
17) Allyl chloride	4.28	41	89141	18.215 ug/l	99
18) Methylene Chloride	4.51	84	58008m	19.764 ug/l	
19) trans-1,2-Dichloroethene	4.99	96	54317	19.417 ug/l	92
20) Diisopropyl ether	5.90	45	191748	19.357 ug/l	96
21) 1,1-Dichloroethane	5.80	63	109781	19.785 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	62901	19.487 ug/l	97
23) tert-Butyl Alcohol	4.73	59	60545	99.095 ug/l	# 100
24) Methyl tert-Butyl Ether	4.99	73	191769	19.696 ug/l	97
25) Chloroform	7.33	83	114565	20.015 ug/l	92
26) Cyclohexane	7.61	56	86866	19.111 ug/l	# 100
29) 1,1-Dichloropropene	7.75	75	82158	18.399 ug/l	98
30) 2-Butanone	6.78	43	197372	93.807 ug/l	# 98
31) 2,2-Dichloropropane	6.77	77	93934	17.512 ug/l	# 65
32) 1,1,1-Trichloroethane	7.53	97	105551	18.884 ug/l	98
33) Carbon Tetrachloride	7.74	117	95700	18.712 ug/l	98
34) Benzene	8.00	78	224627	18.744 ug/l	94
35) Methacrylonitrile	7.12	41	35104m	15.976 ug/l	
36) 1,2-Dichloroethane	8.09	62	101609	19.088 ug/l	# 92
37) Trichloroethene	8.80	130	61151	18.708 ug/l	89
38) Methylcyclohexane	9.05	83	78108	18.102 ug/l	98
39) 1,2-Dichloropropane	9.08	63	58697	18.143 ug/l	93
40) Dibromomethane	9.17	93	44188	19.679 ug/l	96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	94796	19.546	ug/l	93
42) Vinyl Acetate	5.84	43	848811	94.407	ug/l #	89
43) Ethyl Acetate	6.88	43	89372m	20.839	ug/l	
44) Isopropyl Acetate	8.13	43	148904	18.896	ug/l	98
45) 1,4-Dioxane	9.16	88	21574	354.985	ug/l	91
46) Methyl methacrylate	9.16	41	74473	19.367	ug/l	97
47) n-amyl Acetate	12.04	43	121312	18.285	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	99873	18.258	ug/l	94
49) cis-1,3-Dichloropropene	9.81	75	103810	18.621	ug/l	94
50) 1,1,2-Trichloroethane	10.53	97	55276	18.335	ug/l	92
51) Ethyl methacrylate	10.40	69	87870	18.667	ug/l	98
52) 1,3-Dichloropropane	10.68	76	98041	18.520	ug/l	97
53) Dibromochloromethane	10.87	129	67657	18.375	ug/l	99
54) 1,2-Dibromoethane	10.98	107	60823	18.887	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	230666	98.449	ug/l	98
56) Bromoform	12.10	173	46066	17.451	ug/l #	94
58) 4-Methyl-2-Pentanone	9.95	43	429726	98.163	ug/l	100
59) 2-Hexanone	10.72	43	312817	95.633	ug/l	98
61) Tetrachloroethene	10.60	164	59356	18.810	ug/l	95
62) Toluene	10.13	91	250033	19.184	ug/l	100
64) Chlorobenzene	11.40	112	153767	18.924	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.48	131	60014	18.696	ug/l	97
66) Ethyl Benzene	11.48	91	278552	18.700	ug/l	93
67) m/p-Xylenes	11.60	106	205469	37.559	ug/l	95
68) o-Xylene	11.92	106	98302	18.272	ug/l	97
69) Styrene	11.94	104	162351	18.106	ug/l	99
70) Isopropylbenzene	12.22	105	267912	18.781	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	75262	18.518	ug/l	96
72) 1,2,3-Trichloropropane	12.53	75	79881m	18.456	ug/l	
73) Bromobenzene	12.50	156	63663	18.205	ug/l	96
74) n-propylbenzene	12.57	91	293244	18.036	ug/l	98
75) 2-Chlorotoluene	12.65	91	185155	18.415	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	222863	18.473	ug/l	96
77) t-1,4-Dichloro-2-butene	12.27	75	29959	18.538	ug/l	98
78) 4-Chlorotoluene	12.75	91	191656	18.215	ug/l	99
79) tert-butylbenzene	12.97	119	185941	18.702	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	231187	18.998	ug/l	96
81) sec-Butylbenzene	13.14	105	229836	17.812	ug/l	100
82) p-Isopropyltoluene	13.26	119	213021	18.023	ug/l	97
83) 1,3-Dichlorobenzene	13.26	146	108976	17.940	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	112746	18.483	ug/l	99
85) n-Butylbenzene	13.59	91	180469	17.510	ug/l	97
86) Hexachloroethane	13.85	117	41006	18.604	ug/l	96
87) 1,2-Dichlorobenzene	13.63	146	110613	18.493	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	19773	19.247	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	60375	17.815	ug/l	98
90) Hexachlorobutadiene	14.98	225	31728	17.394	ug/l	95
91) Naphthalene	15.10	128	188067	18.383	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	59734	18.247	ug/l	99

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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
VN1026WBSD01

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 17:44:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

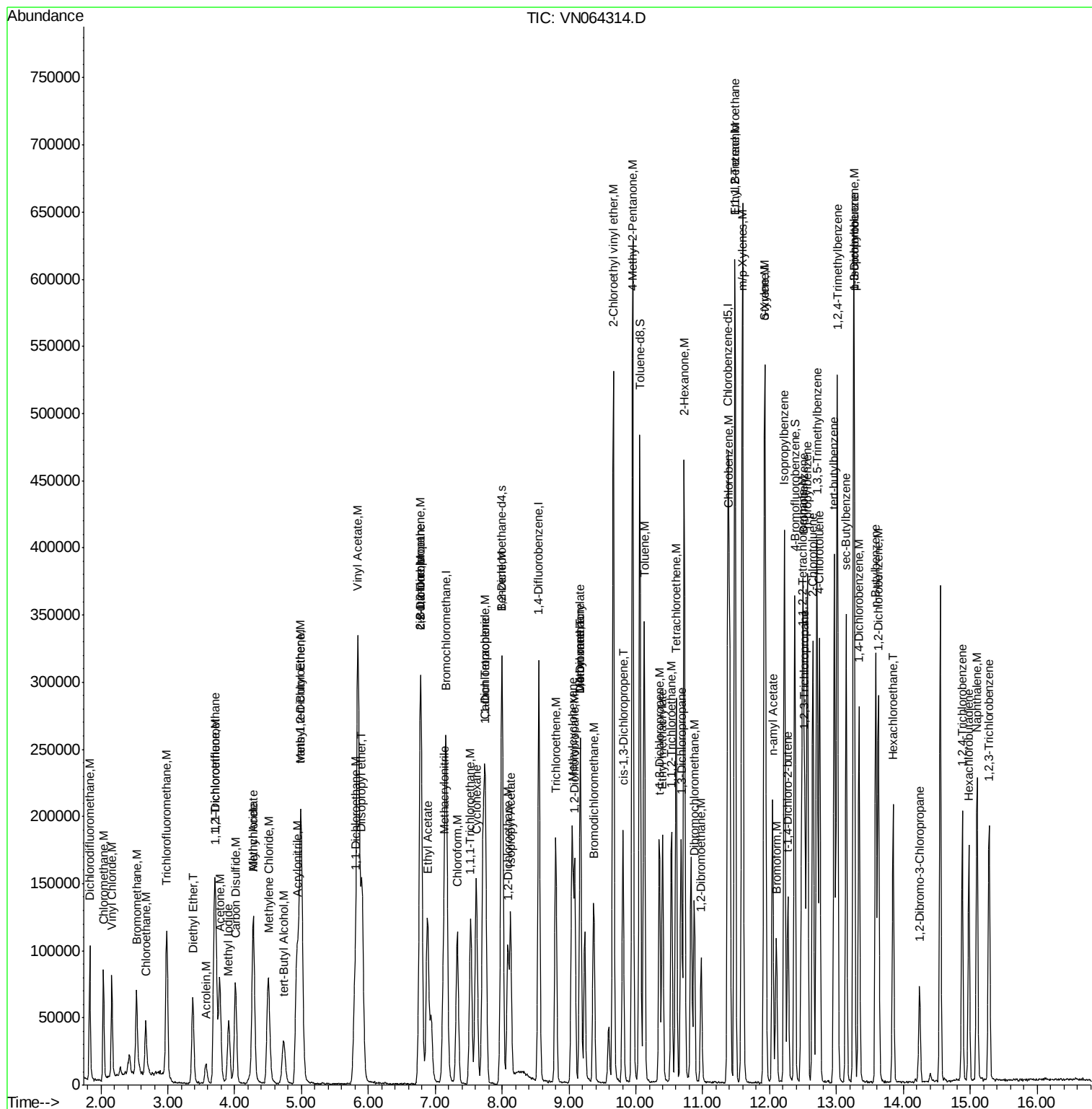
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 Data File : VN064314.D
 Acq On : 26 Oct 2020 21:02
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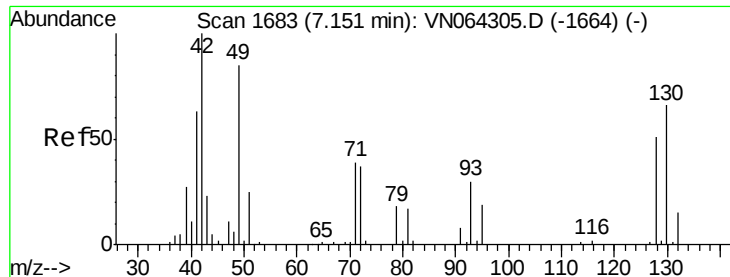
Instrument :
 MSVOA_N
 Client Sampled :
 VN1026WBSD01

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tot Ion:128 Resp: 45872

Ion Ratio Lower Upper

128 100

49 185.3 0.0 439.5

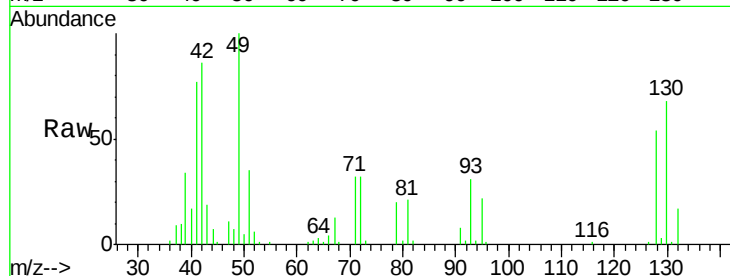
130 129.7 0.0 323.8

Manual Integrations

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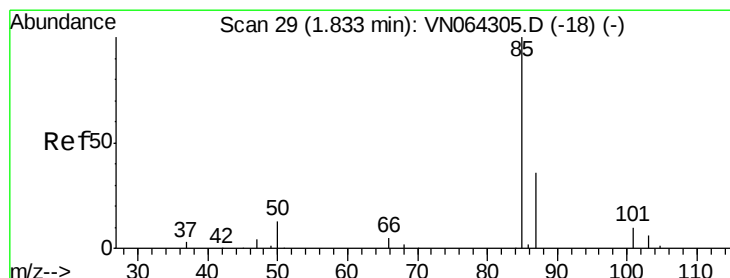
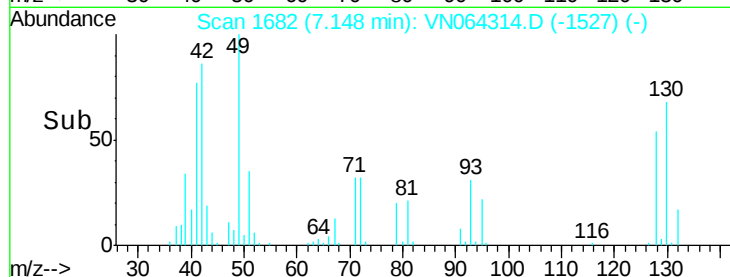
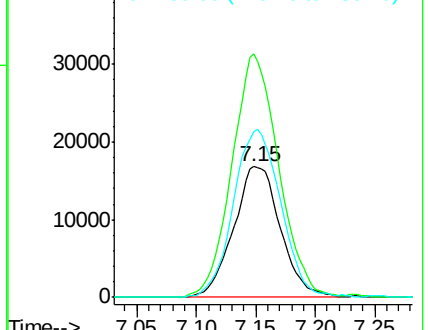
10/27/2020 3:42:20 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.392 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064314.D

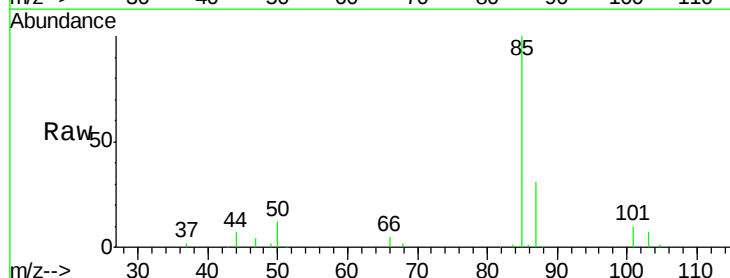
Acq: 26 Oct 2020 21:02

Tgt Ion: 85 Resp: 76506

Ion Ratio Lower Upper

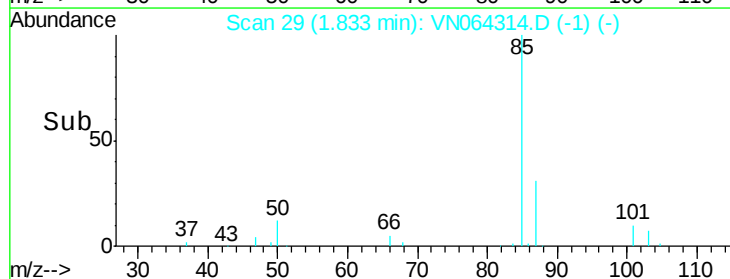
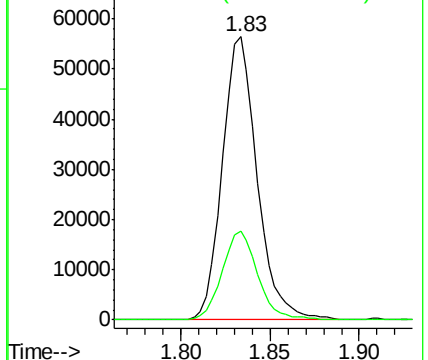
85 100

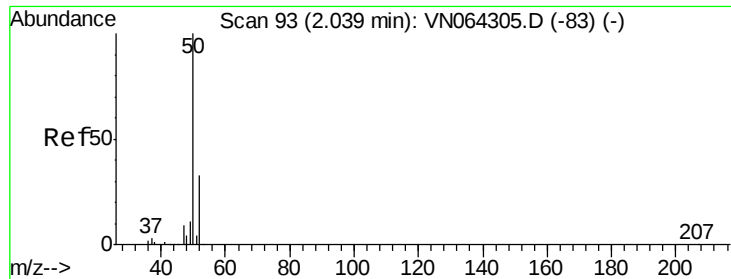
87 31.2 18.1 54.4



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.569 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tot Ion: 50 Resp: 68600

Ion Ratio Lower Upper

50 100

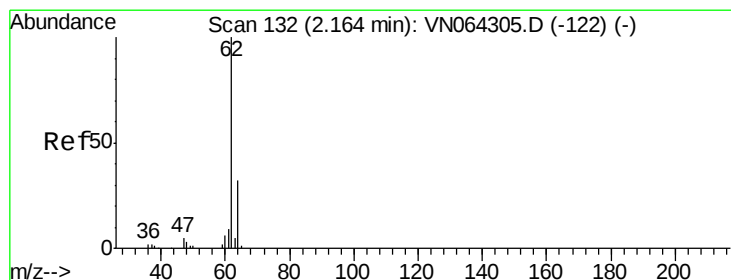
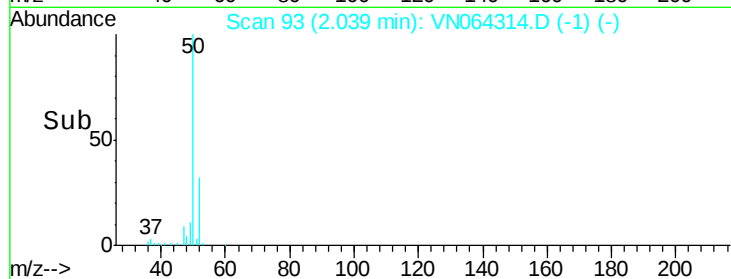
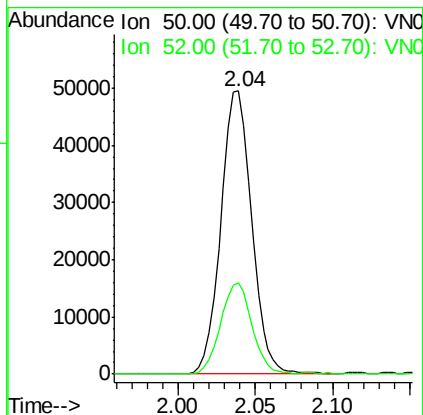
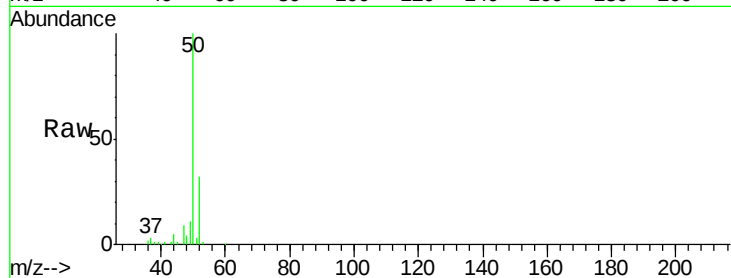
52 32.3 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.015 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN064314.D

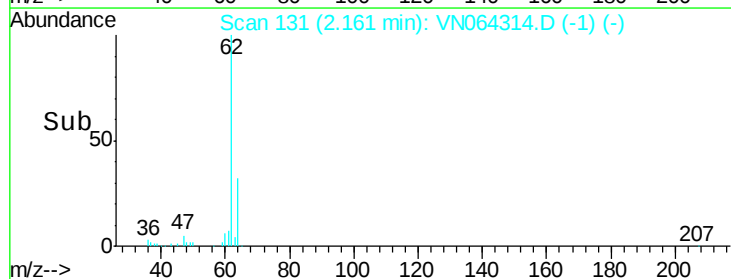
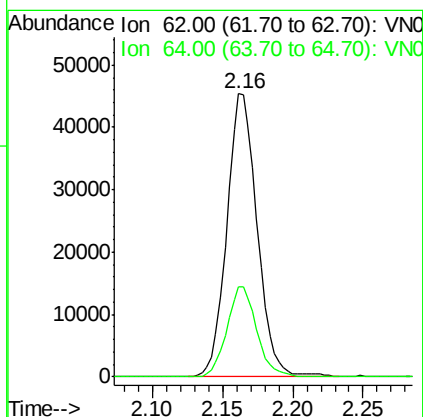
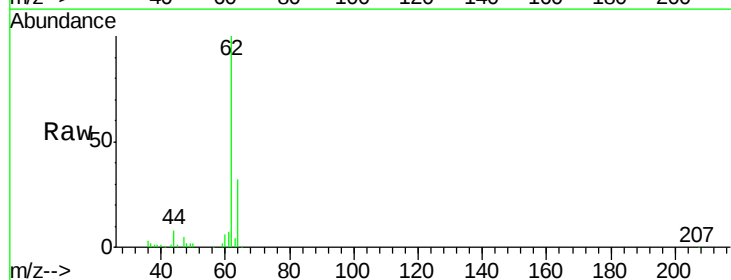
Acq: 26 Oct 2020 21:02

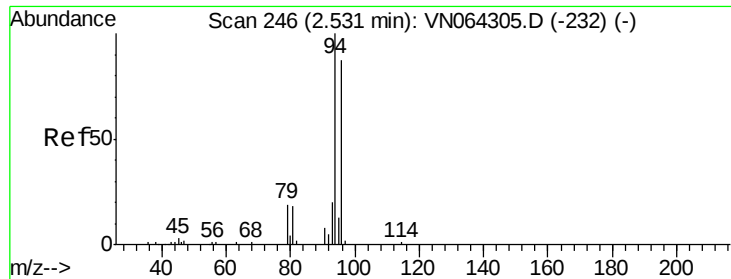
Tgt Ion: 62 Resp: 68407

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 20.414 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

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ClientSampleId :

VN1026WBSD01

Tot Ion: 94 Resp: 43065

Ion Ratio Lower Upper

94 100

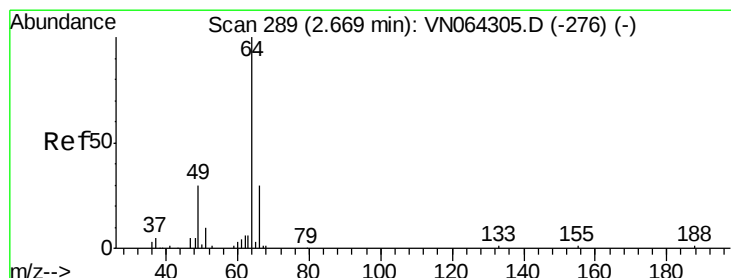
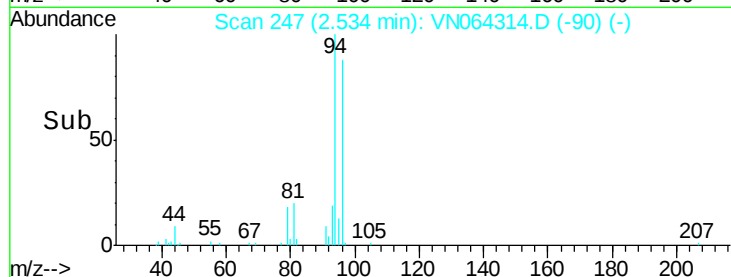
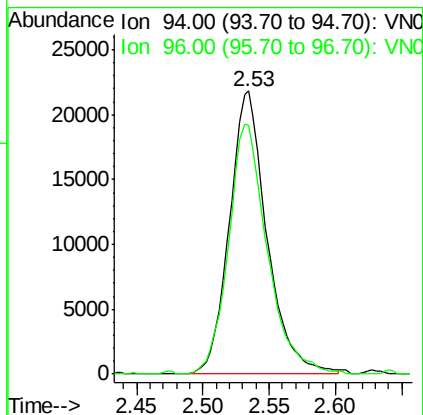
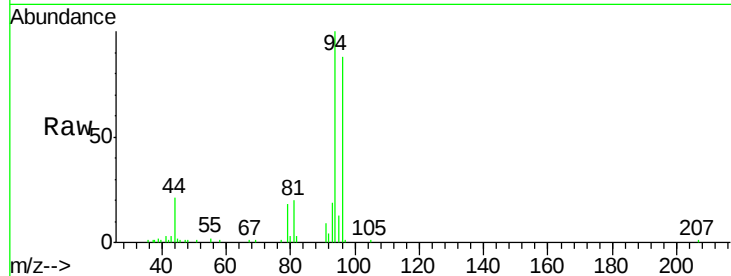
96 88.0 69.4 104.0

Manual Integrations

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#6

Chloroethane

Concen: 19.410 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064314.D

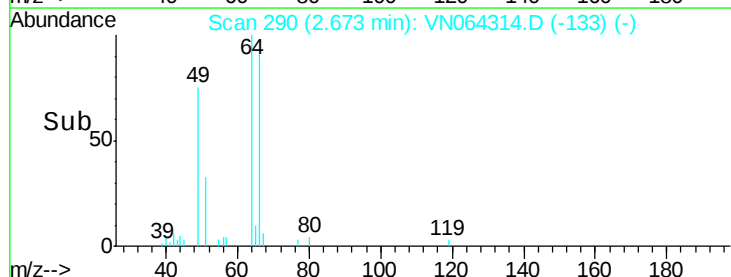
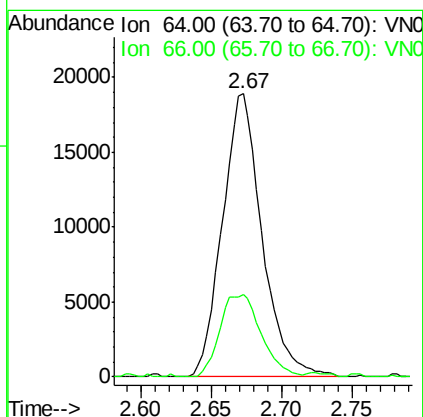
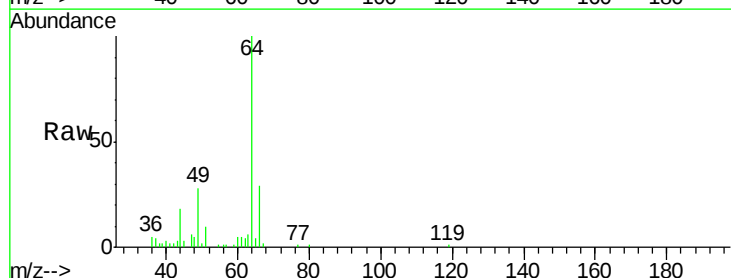
Acq: 26 Oct 2020 21:02

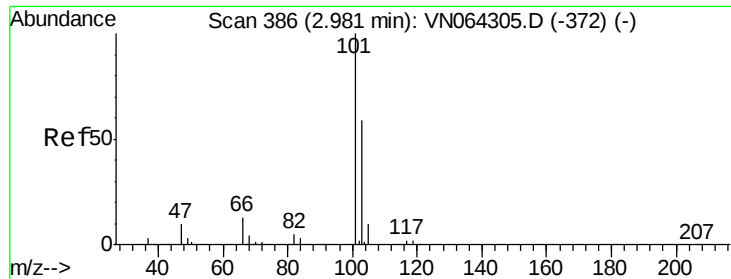
Tgt Ion: 64 Resp: 37056

Ion Ratio Lower Upper

64 100

66 29.0 24.1 36.1





#7

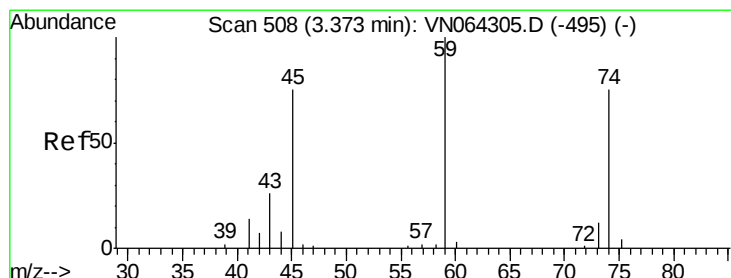
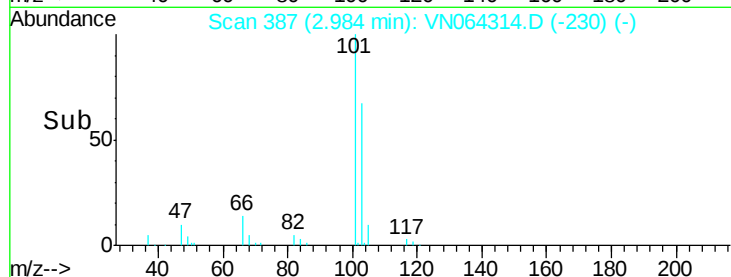
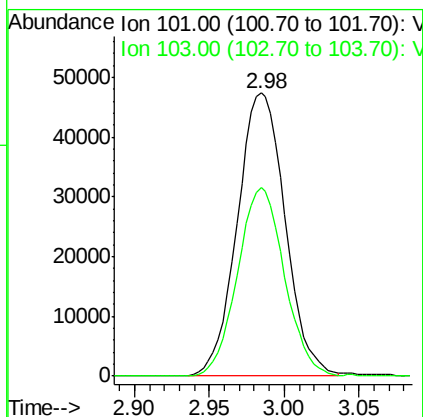
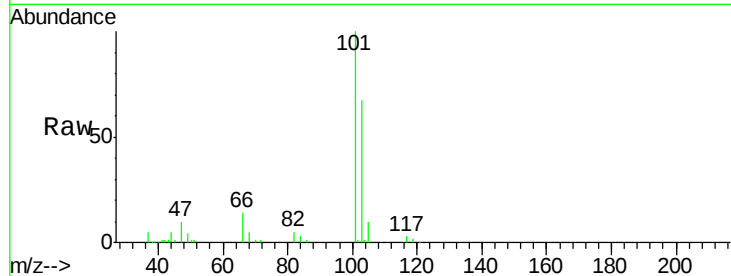
Trichlorofluoromethane
 Concen: 20.045 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
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 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	47.1	70.7

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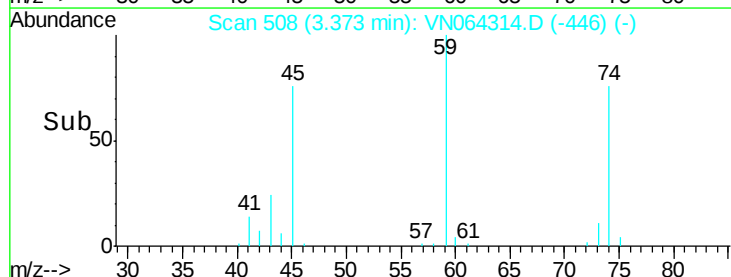
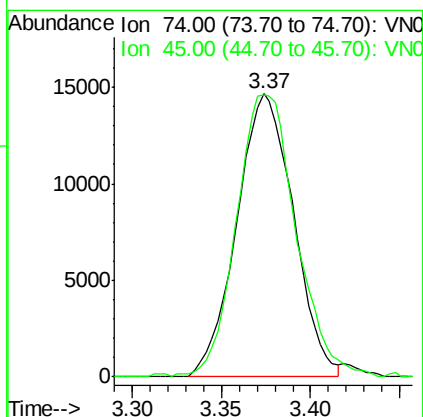
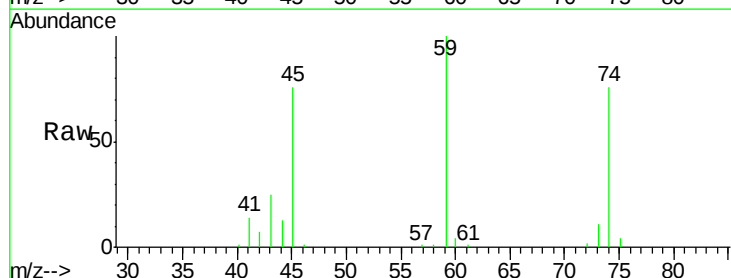
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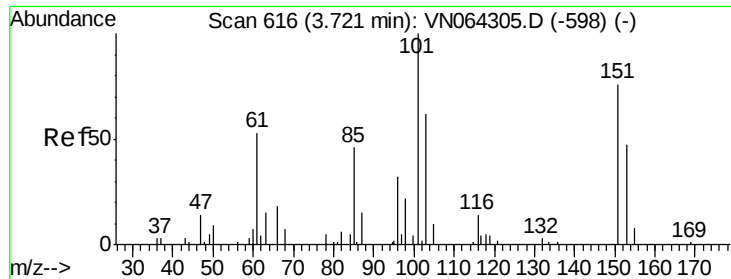


#8

Diethyl Ether
 Concen: 19.274 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	20.4	183.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.698 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

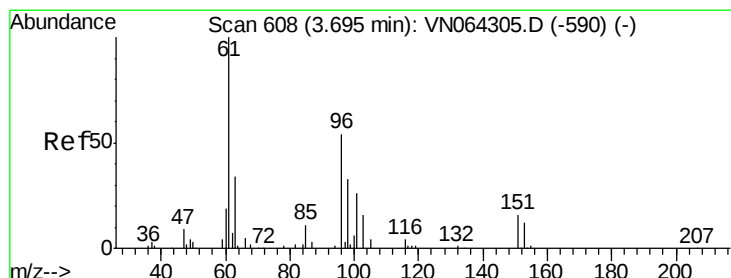
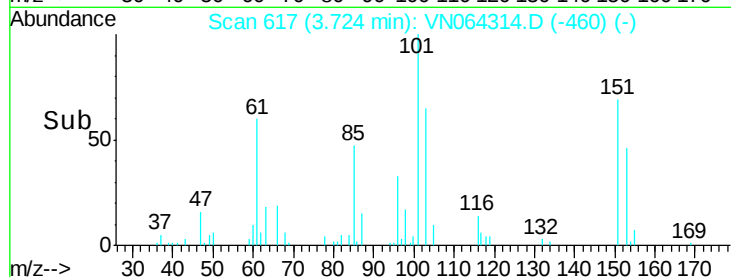
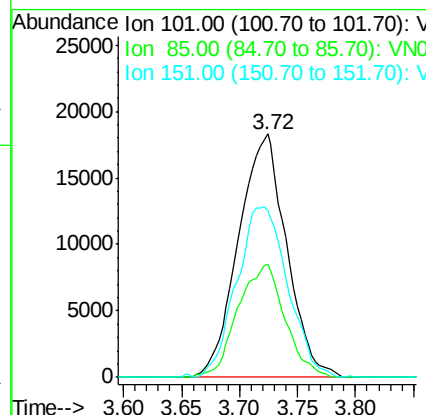
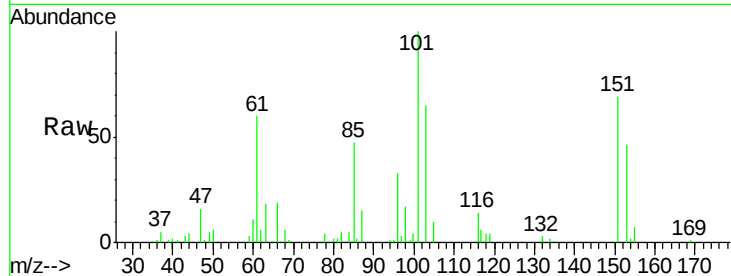
ClientSampleId :

VN1026WBSD01

Tot Ion:	101	Resp:	52834
Ion Ratio	Lower	Upper	
101	100		
85	45.4	0.0	96.2
151	74.4	0.0	154.4

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#10

1,1-Dichloroethene

Concen: 19.948 ug/l

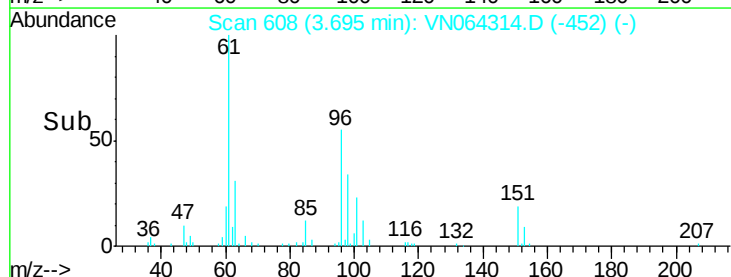
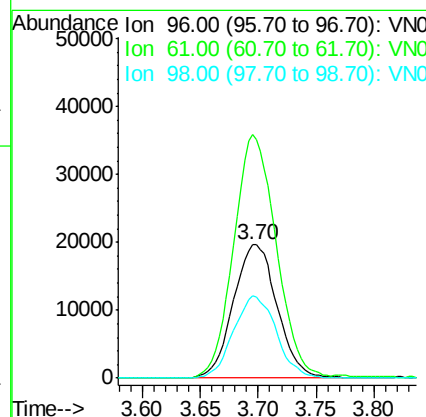
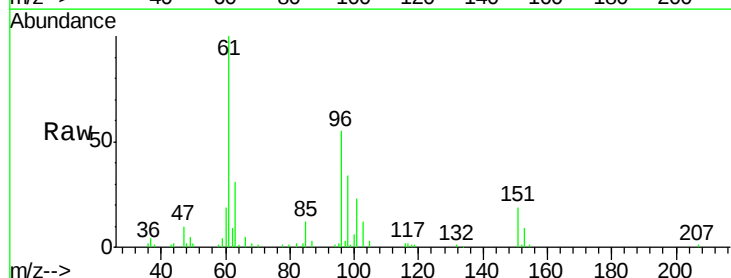
RT: 3.70 min Scan# 608

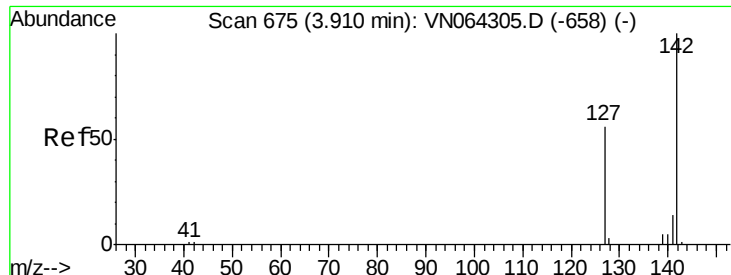
Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Tgt Ion:	96	Resp:	51415
Ion Ratio	Lower	Upper	
96	100		
61	183.0	147.4	221.2
98	62.2	48.8	73.2





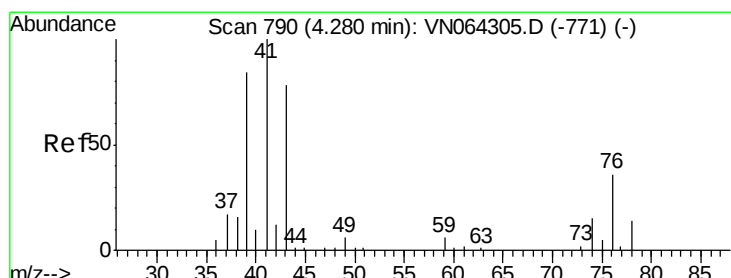
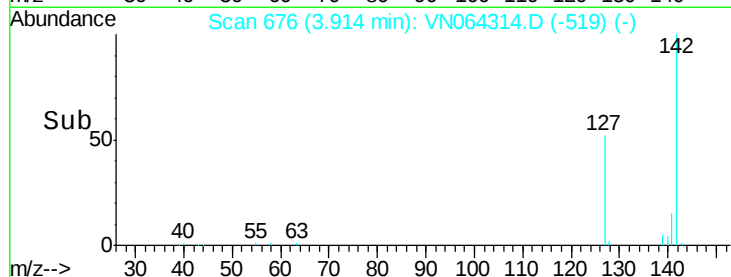
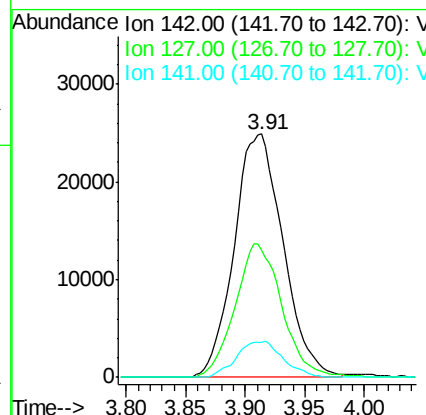
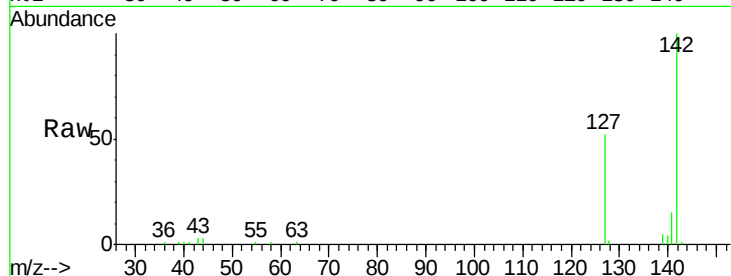
#11
Methyl Iodide
Concen: 19.213 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	52.1	27.9	83.7
141	14.7	7.1	21.3

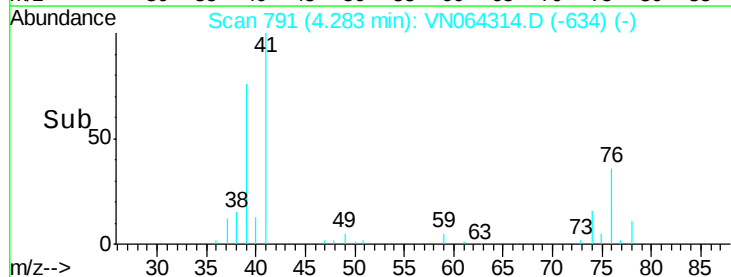
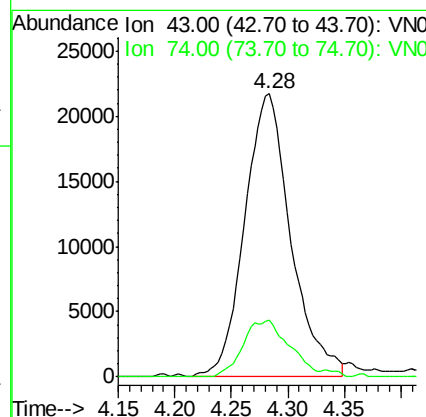
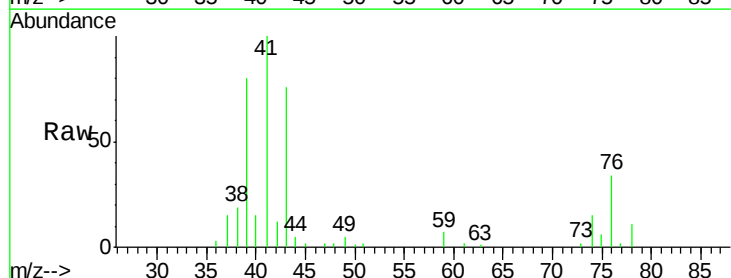
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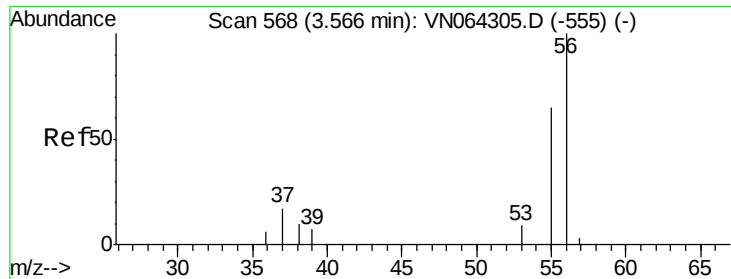
MMDadoda
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#12
Methyl Acetate
Concen: 19.982 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.0	15.4	23.0





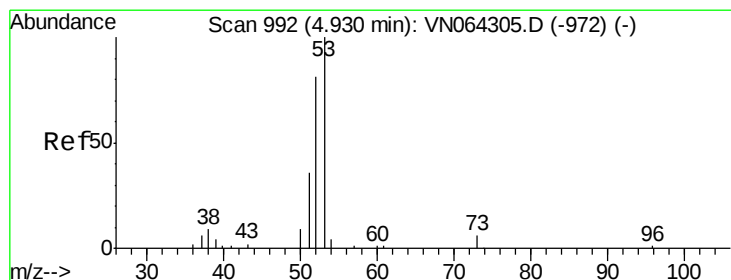
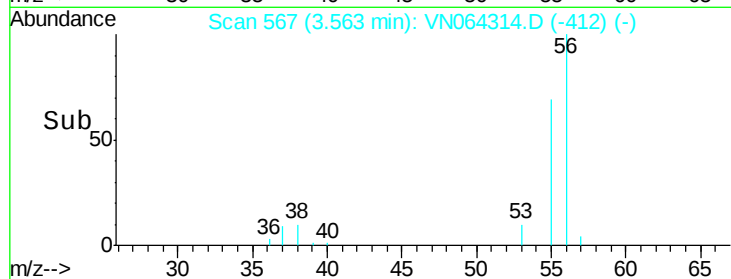
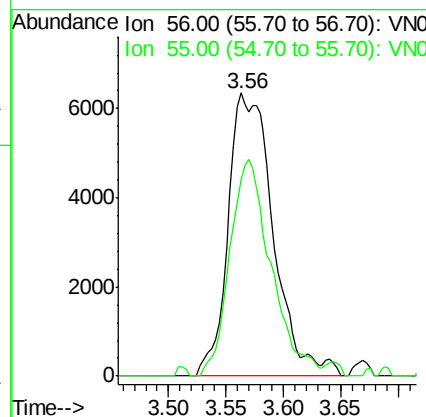
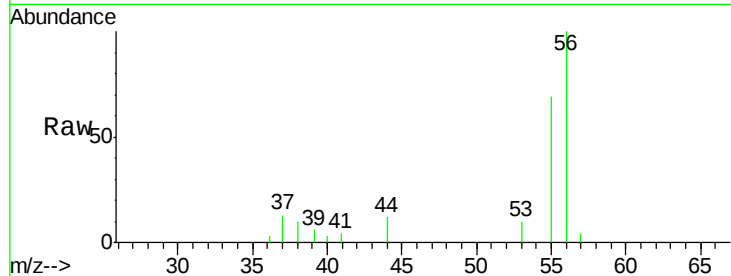
#13
Acrolein
Concen: 85.135 ug/l m
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion: 56 Resp: 17354
Ion Ratio Lower Upper
56 100
55 69.7 55.5 83.3

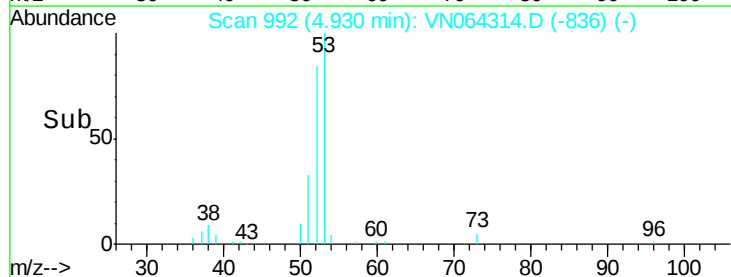
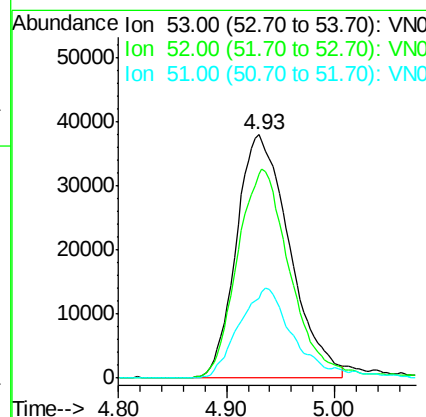
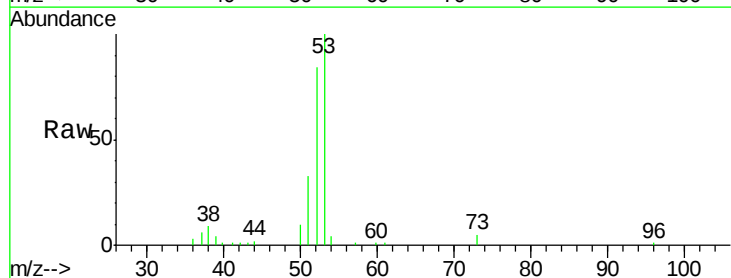
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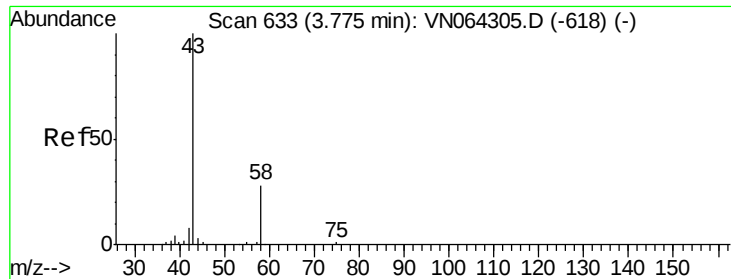
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#14
Acrylonitrile
Concen: 97.106 ug/l
RT: 4.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion: 53 Resp: 130358
Ion Ratio Lower Upper
53 100
52 84.9 41.7 125.1
51 36.1 19.4 58.2





#15

Acetone

Concen: 97.046 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tot Ion: 58 Resp: 35836

Ion Ratio Lower Upper

58 100

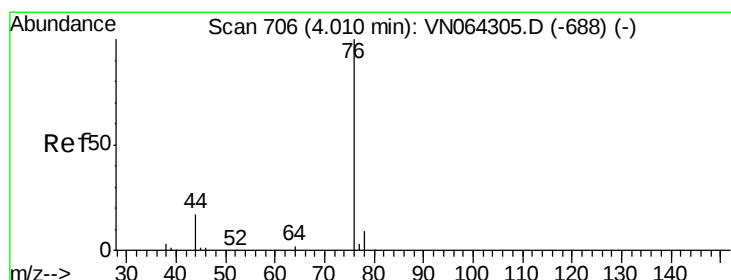
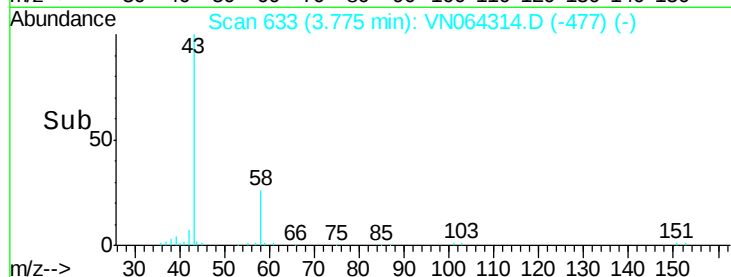
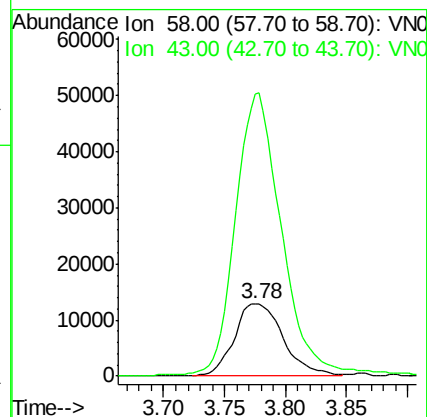
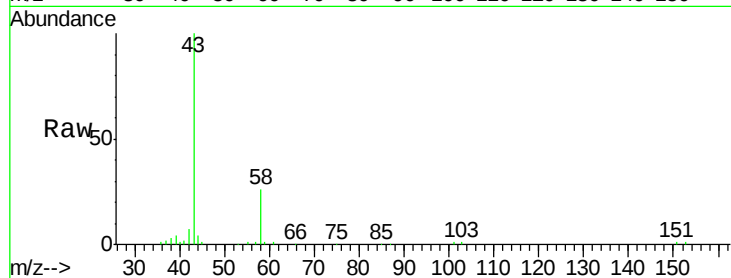
43 383.3 289.9 434.9

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.537 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064314.D

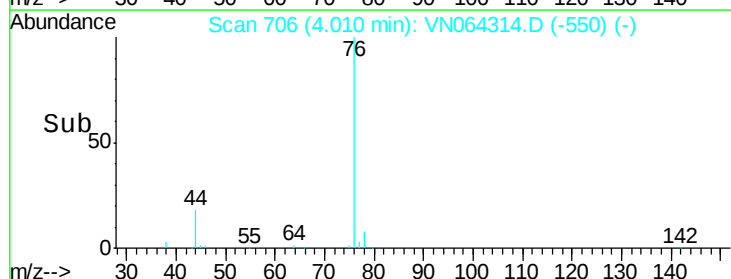
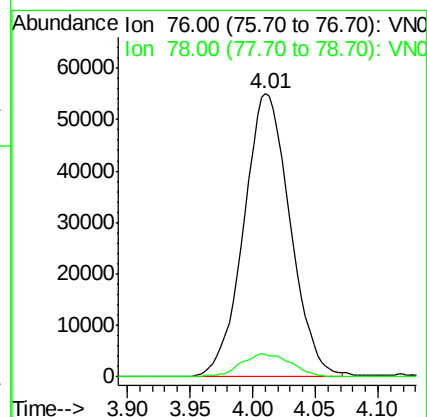
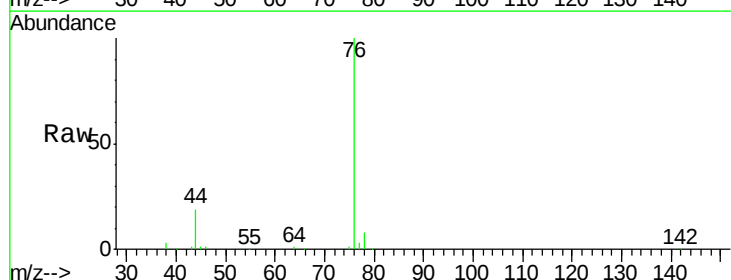
Acq: 26 Oct 2020 21:02

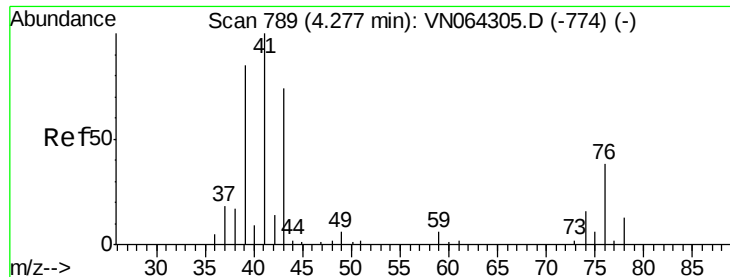
Tgt Ion: 76 Resp: 141820

Ion Ratio Lower Upper

76 100

78 7.9 7.0 10.4





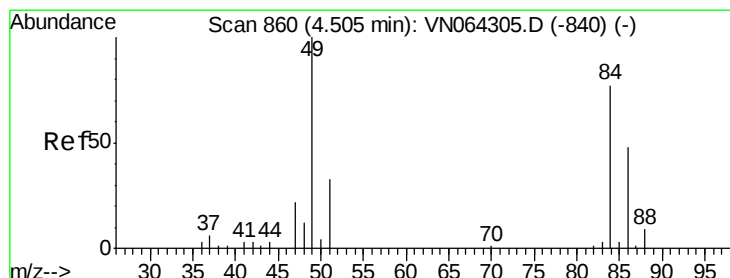
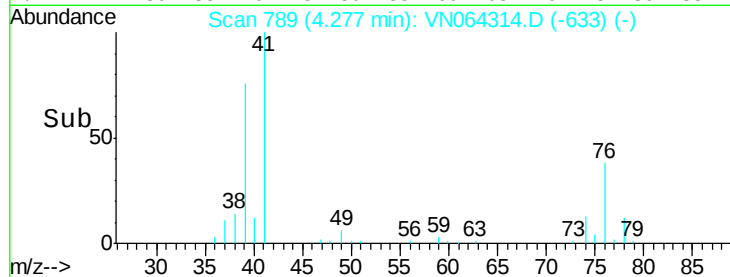
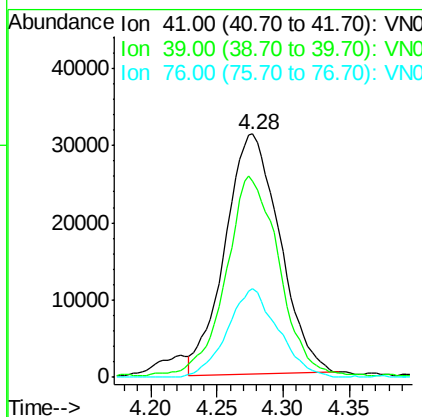
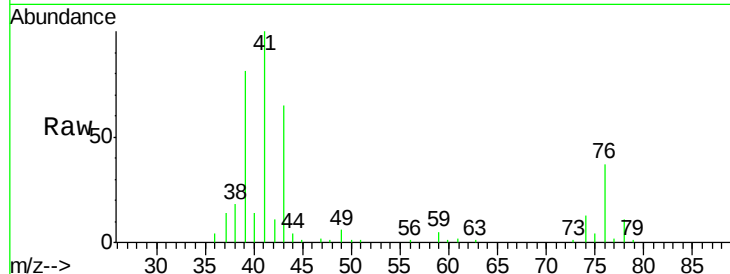
#17
Allvl chloride
Concen: 18.215 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion:	41	Resp:	89141
Ion	Ratio	Lower	Upper
41	100		
39	80.5	40.3	120.9
76	37.4	17.6	52.9

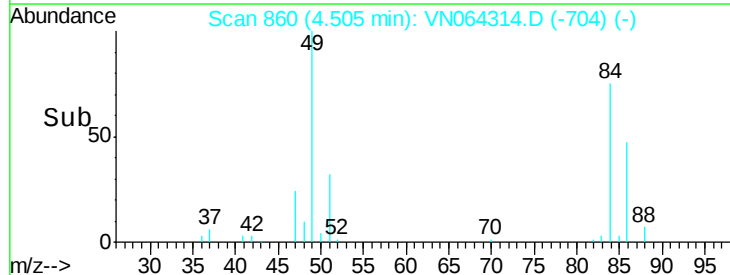
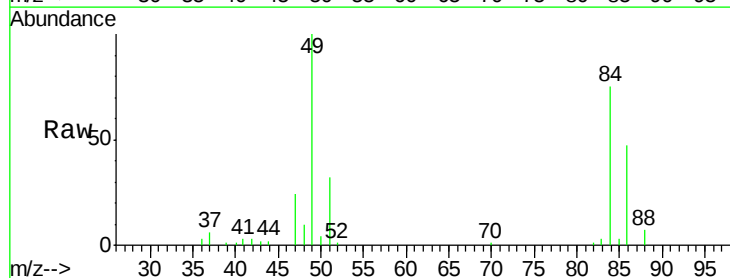
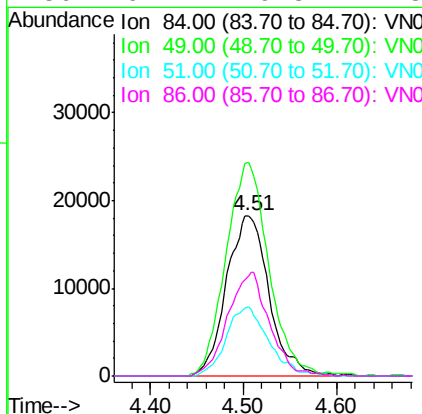
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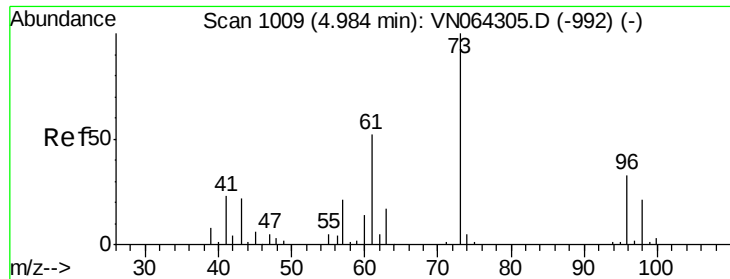
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#18
Methylene Chloride
Concen: 19.764 ug/l m
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion:	84	Resp:	58008
Ion	Ratio	Lower	Upper
84	100		
49	133.1	103.1	154.7
51	43.0	33.8	50.8
86	62.2	49.8	74.8





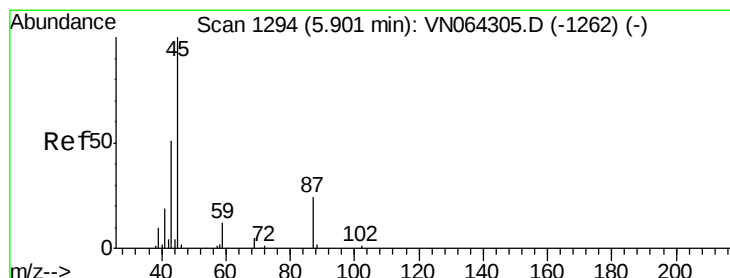
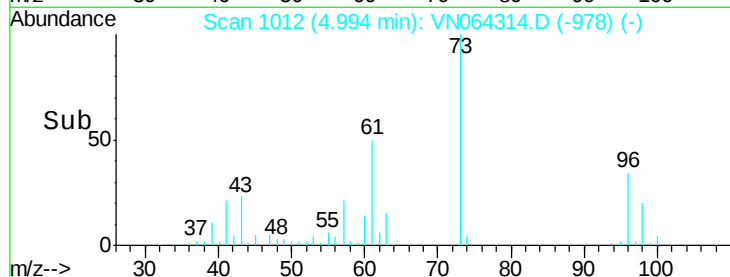
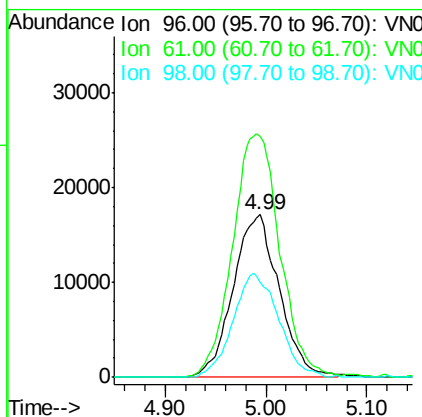
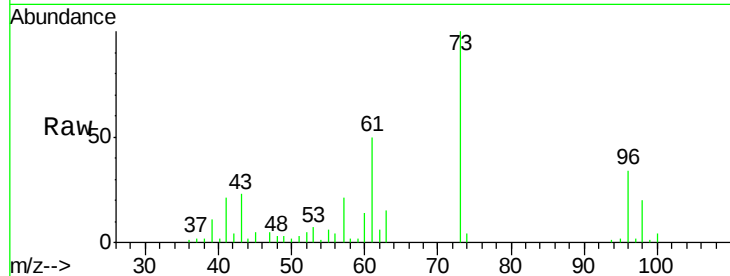
#19
trans-1,2-Dichloroethene
Concen: 19.417 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.8	126.9	190.3
98	58.2	50.6	76.0

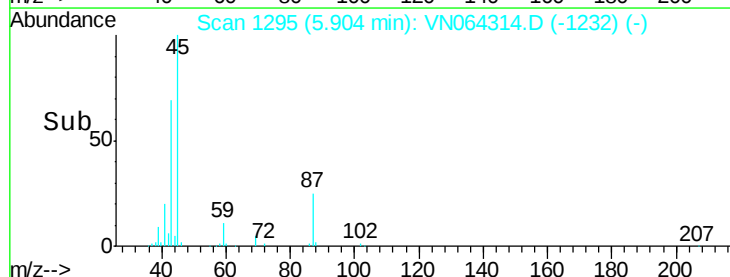
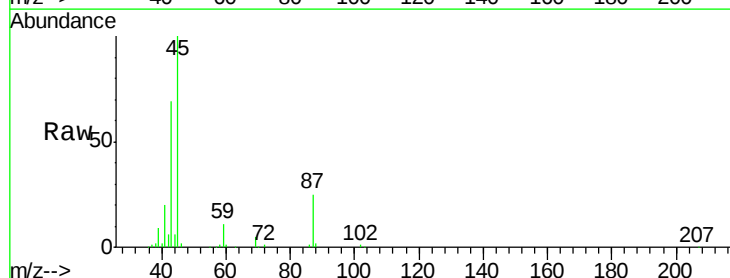
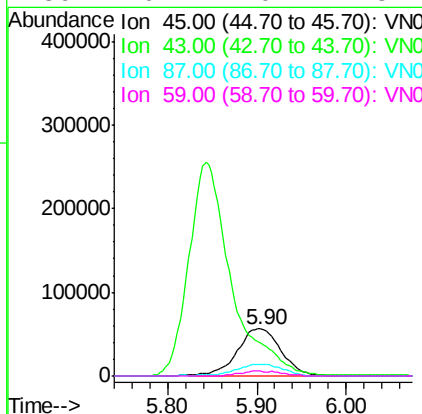
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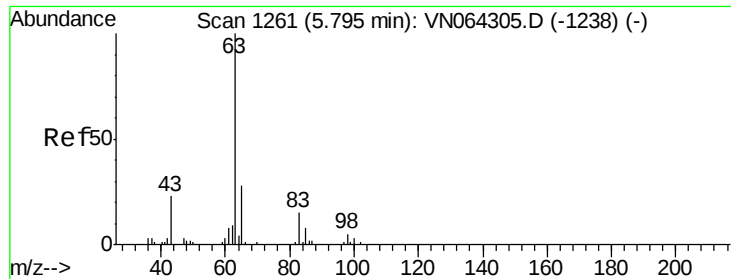
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#20
Diisopropyl ether
Concen: 19.357 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.0	56.6	85.0
87	25.1	20.3	30.5
59	10.7	10.1	15.1





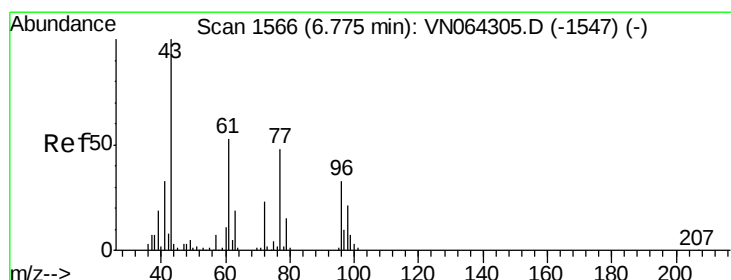
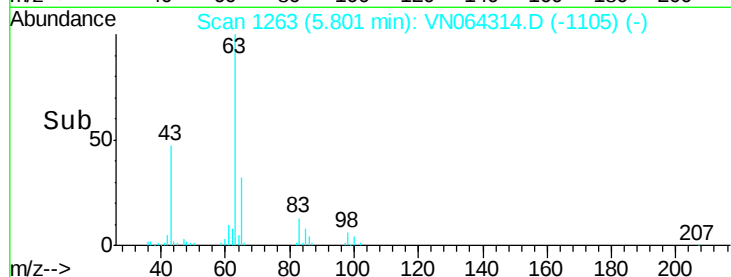
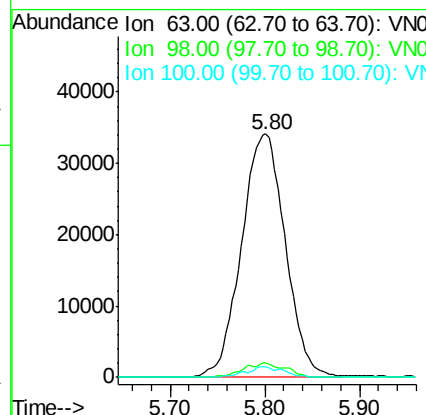
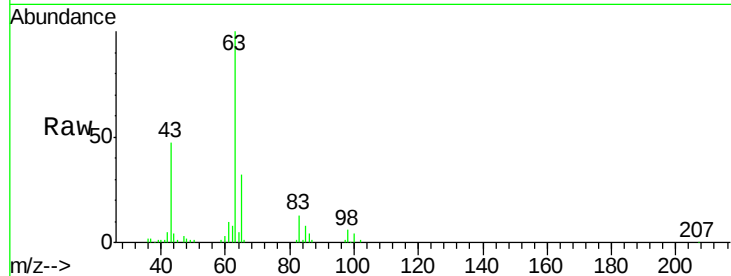
#21
 1,1-Dichloroethane
 Concen: 19.785 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	5.8	2.6	8.0
100	4.2	1.6	4.8

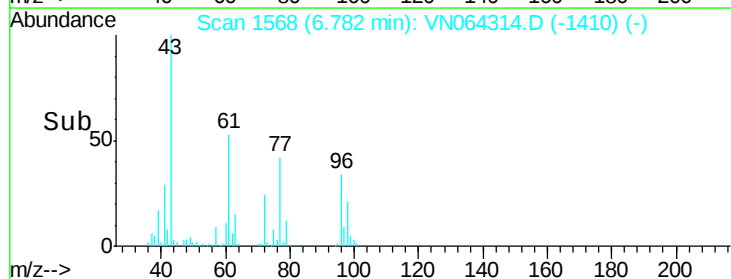
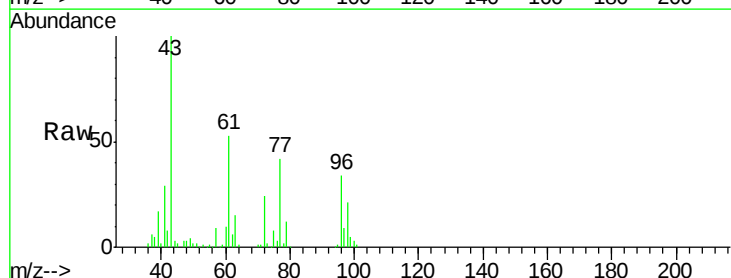
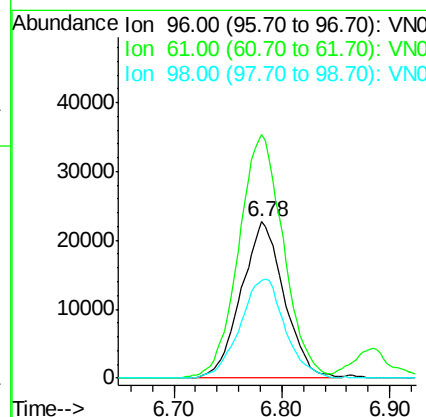
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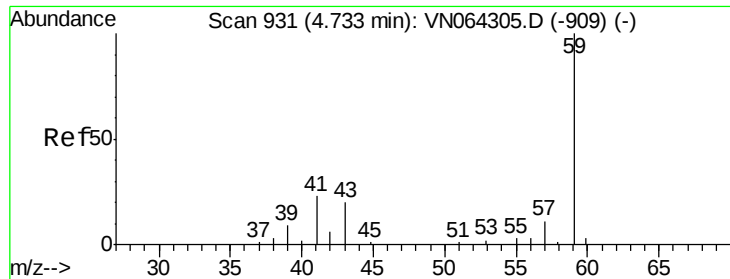
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#22
 cis-1,2-Dichloroethene
 Concen: 19.487 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	161.9	133.0	199.6
98	66.1	51.6	77.4





#23

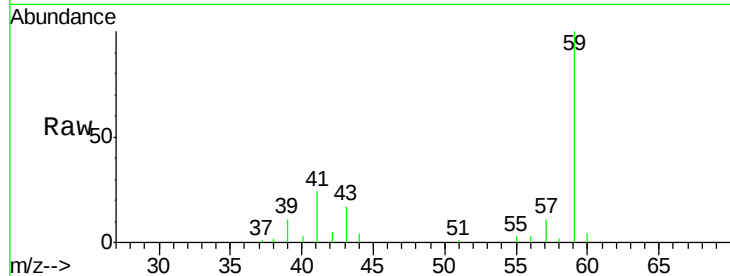
tert-Butyl Alcohol
 Concen: 99.095 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

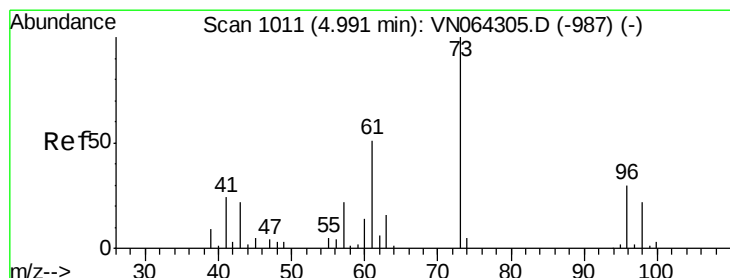
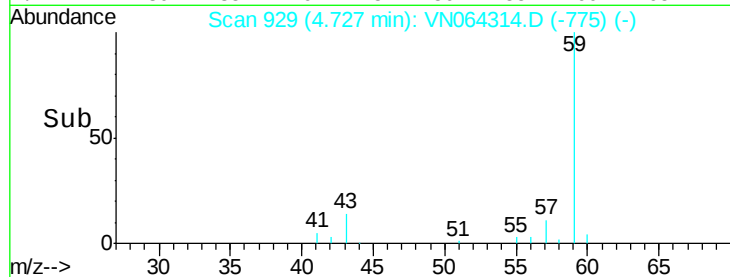
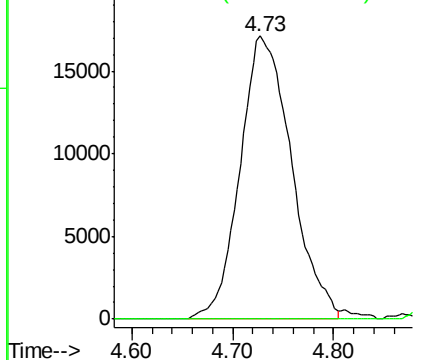
Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

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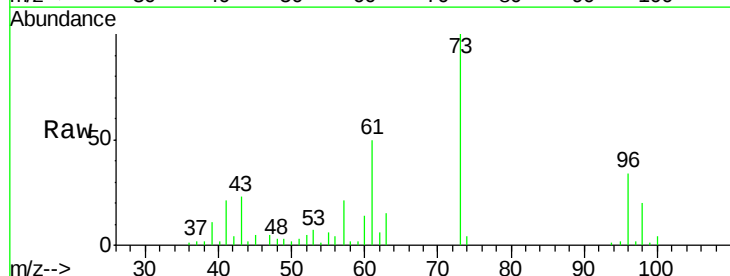
Abundance Ion 59.00 (58.70 to 59.70): VN064305.D (-909) (-)



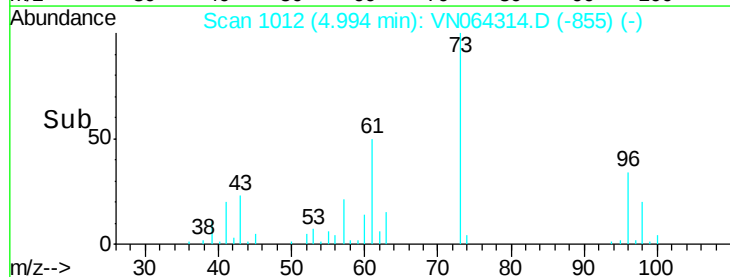
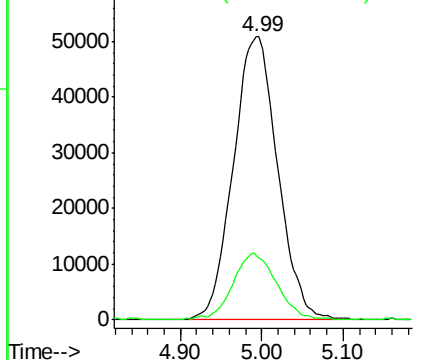
#24

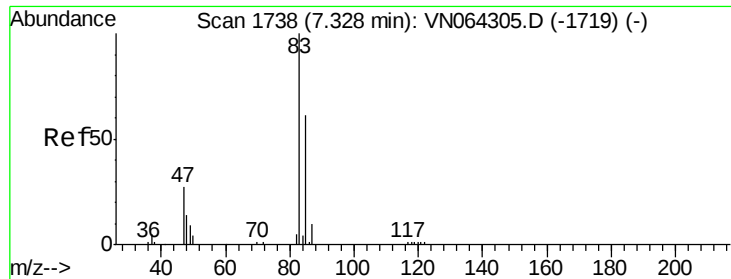
Methyl tert-Butyl Ether
 Concen: 19.696 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.9	19.4	29.2



Abundance Ion 73.00 (72.70 to 73.70): VN064305.D (-987) (-)





#25

Chloroform

Concen: 20.015 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tot Ion: 83 Resp: 114565

Ion Ratio Lower Upper

83 100

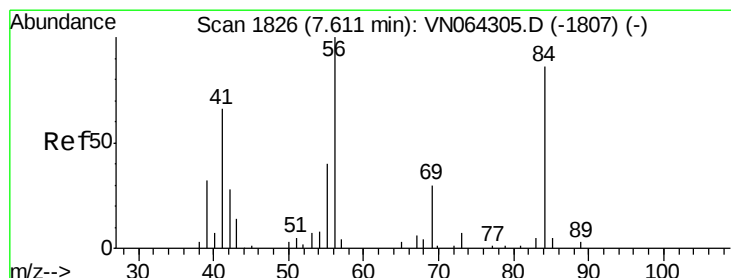
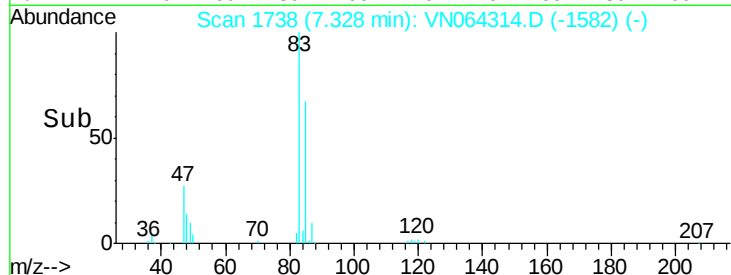
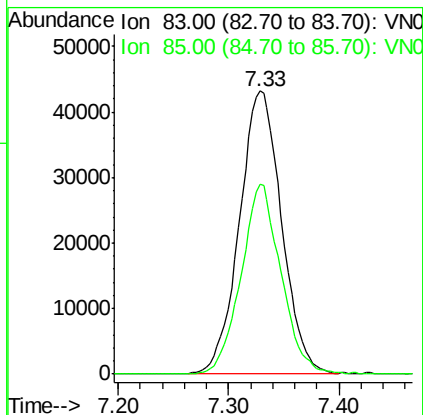
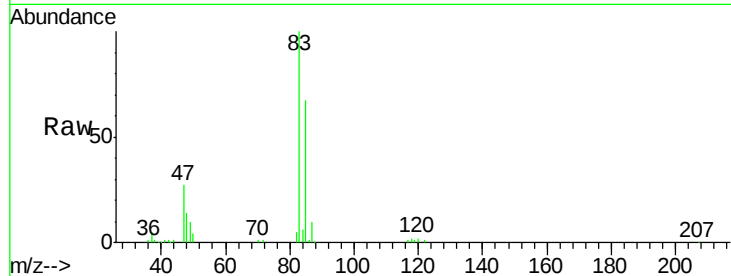
85 67.0 48.6 73.0

Manual Integrations

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#26

Cyclohexane

Concen: 19.111 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

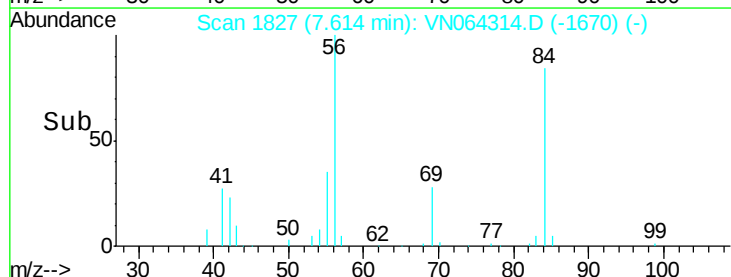
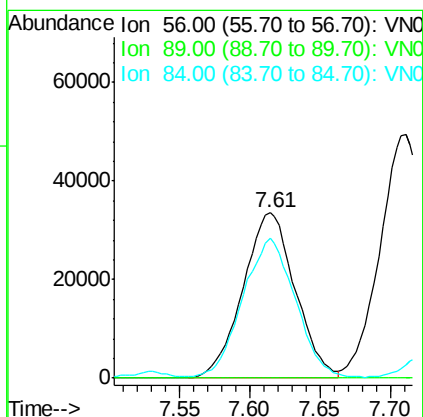
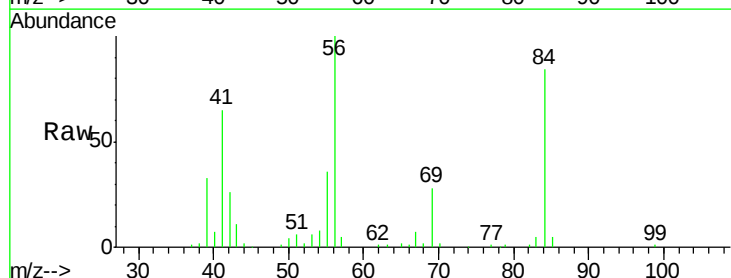
Tgt Ion: 56 Resp: 86866

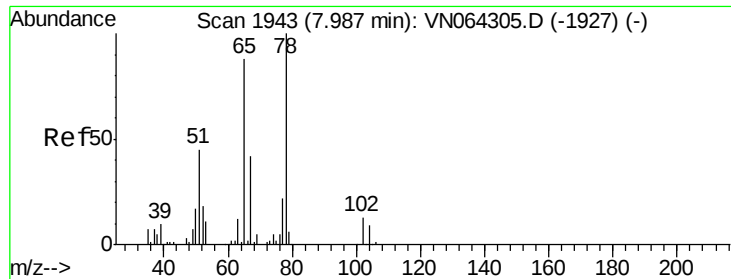
Ion Ratio Lower Upper

56 100

89 0.0 1.0 1.6#

84 84.4 67.5 101.3





#27

1,2-Dichloroethane-d4

Concen: 31.347 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tot Ion: 65 Resp: 129367

Ion Ratio Lower Upper

65 100

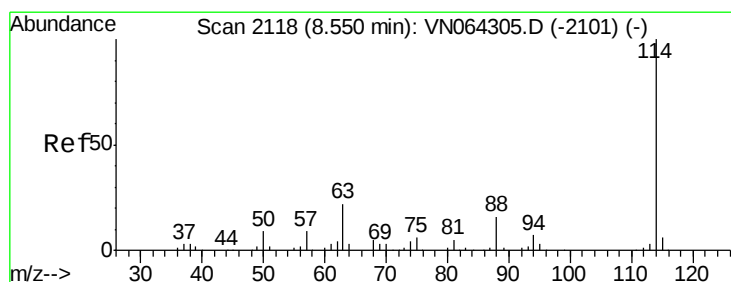
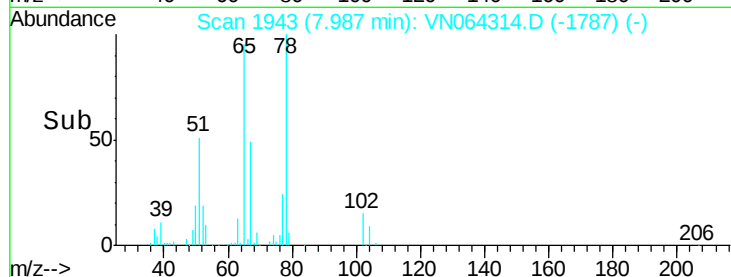
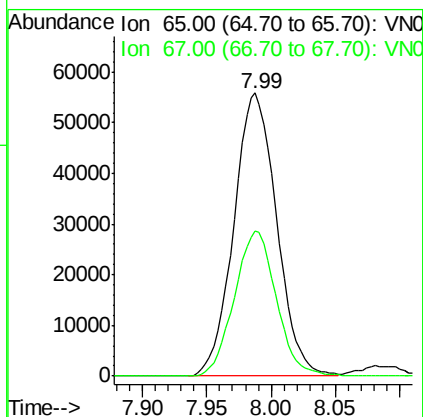
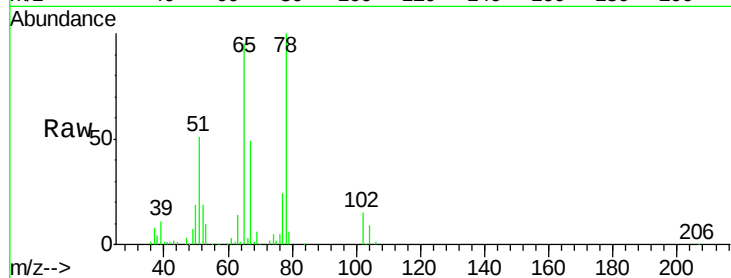
67 50.0 38.5 57.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

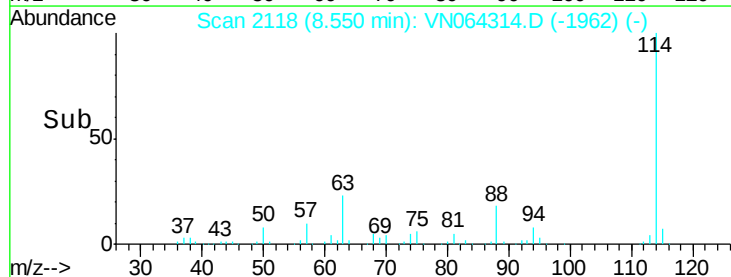
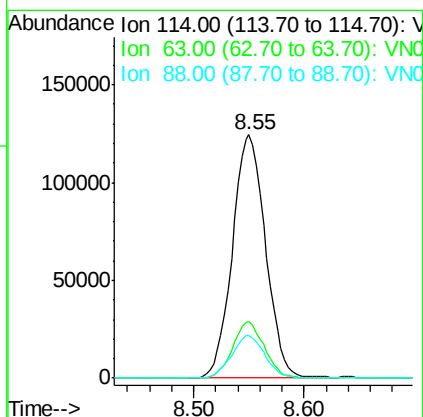
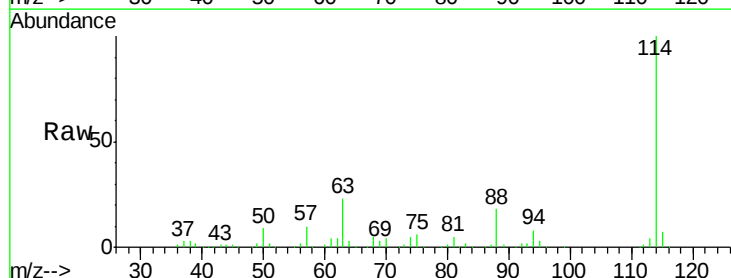
Tgt Ion: 114 Resp: 259378

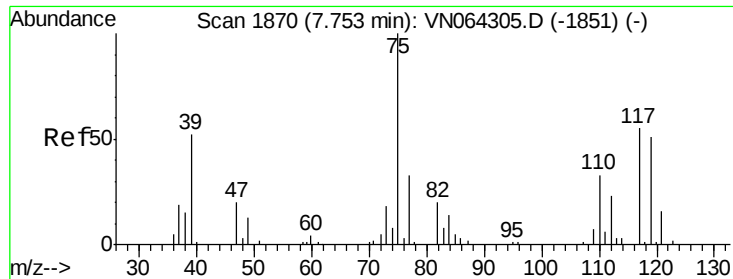
Ion Ratio Lower Upper

114 100

63 22.2 18.3 27.5

88 17.4 13.2 19.8





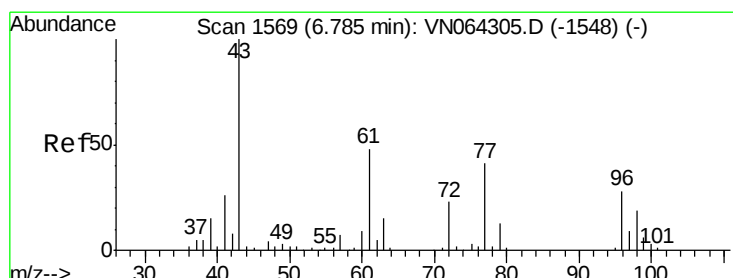
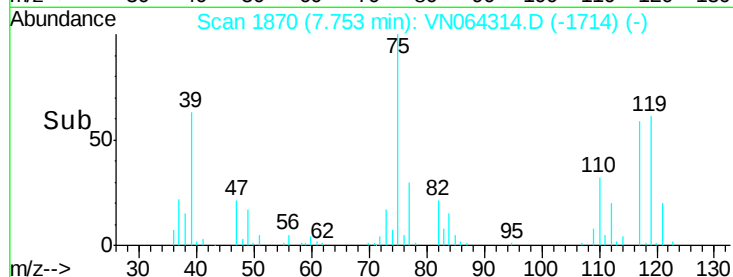
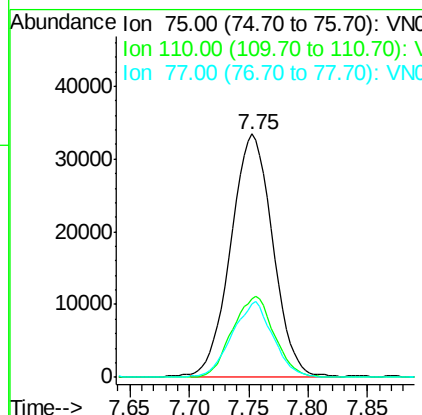
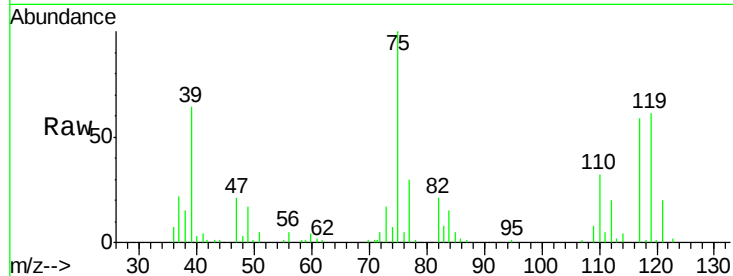
#29
 1,1-Dichloropropene
 Concen: 18.399 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	33.0	0.0	64.4
77	29.9	0.0	63.6

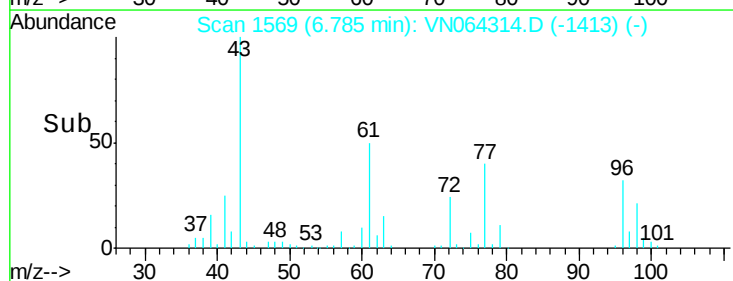
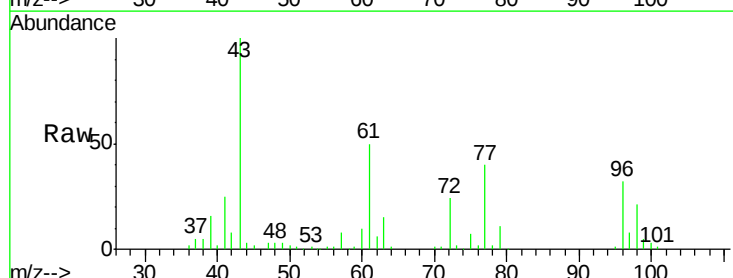
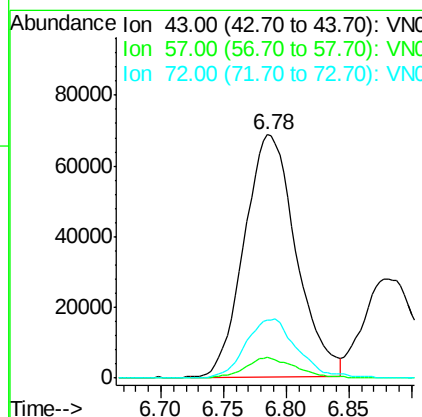
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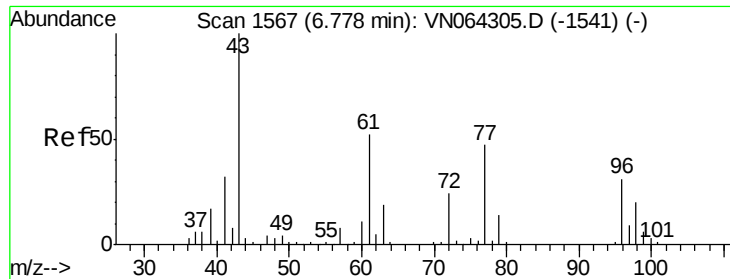
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#30
 2-Butanone
 Concen: 93.807 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.2	4.1	6.1#
72	24.0	19.0	28.6





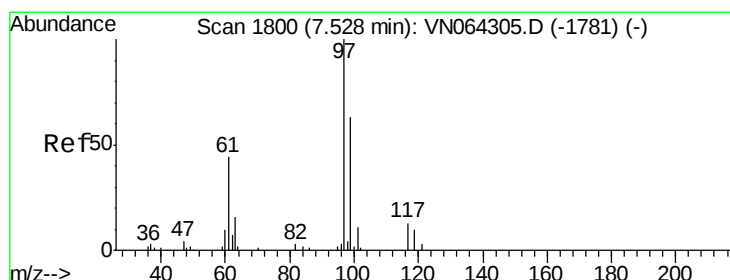
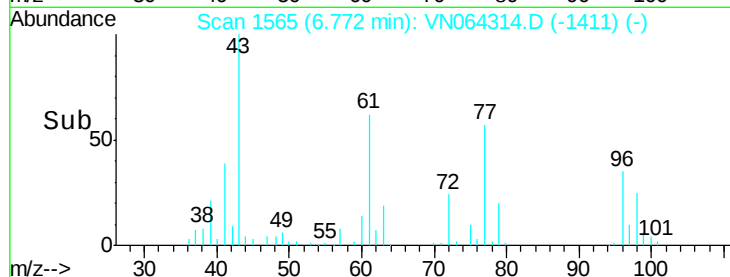
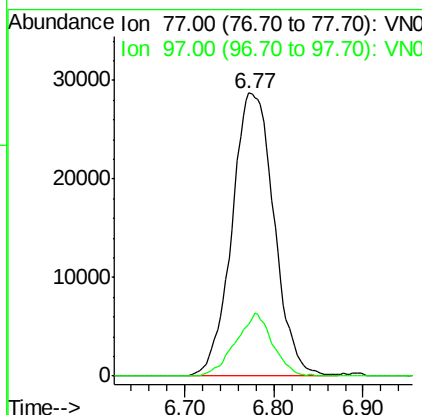
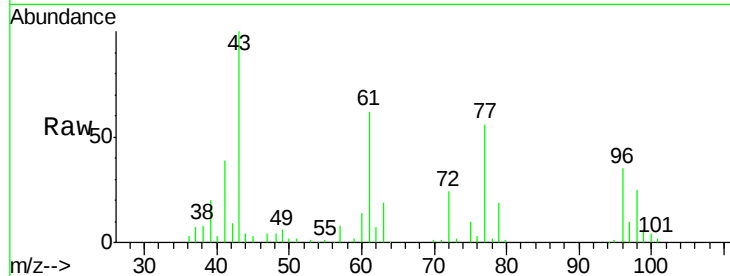
#31
 2,2-Dichloropropane
 Concen: 17.512 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion: 77 Resp: 93934
 Ion Ratio Lower Upper
 77 100
 97 19.5 5.8 8.8#

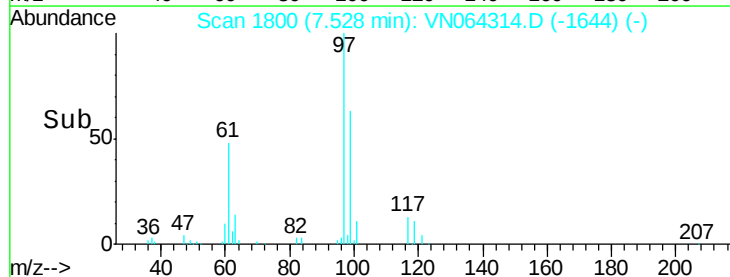
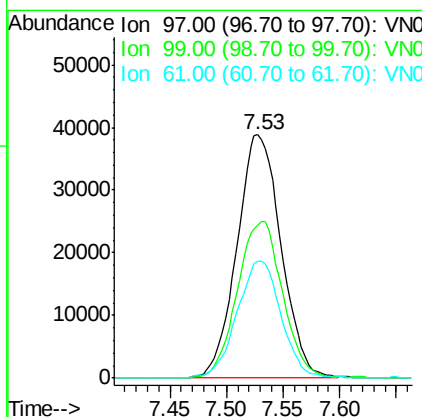
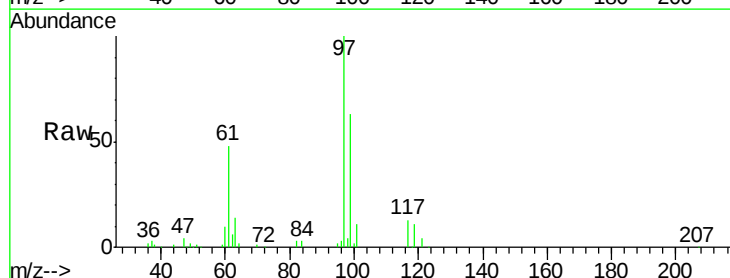
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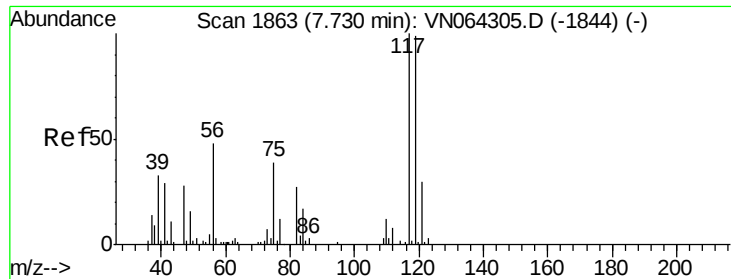
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#32
 1,1,1-Trichloroethane
 Concen: 18.884 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion: 97 Resp: 105551
 Ion Ratio Lower Upper
 97 100
 99 65.7 51.6 77.4
 61 47.9 36.4 54.6





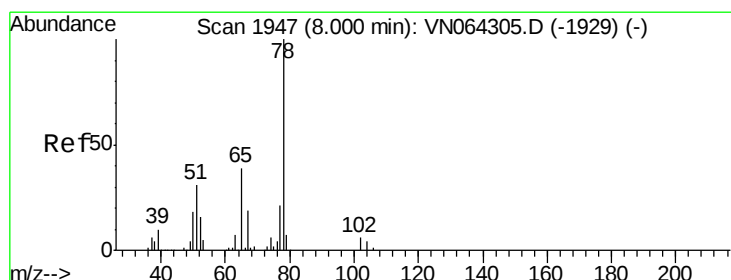
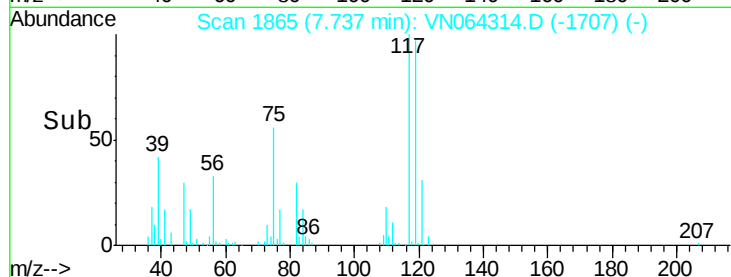
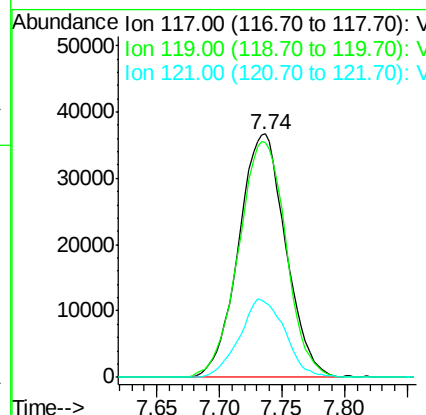
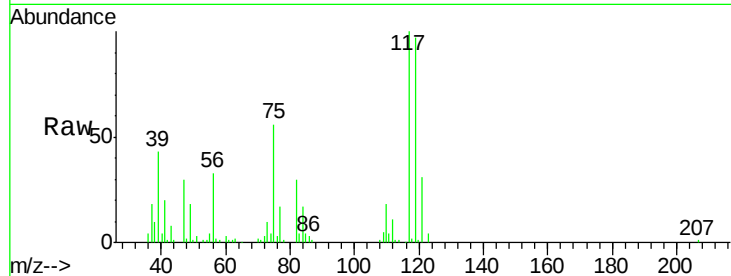
#33
Carbon Tetrachloride
Concen: 18.712 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.01 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		95700		
119	96.6	79.3		118.9	
121	30.8	24.6		37.0	

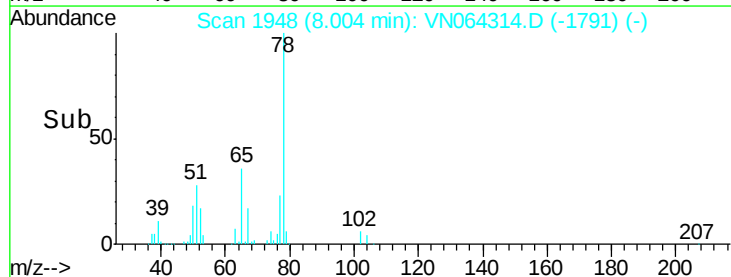
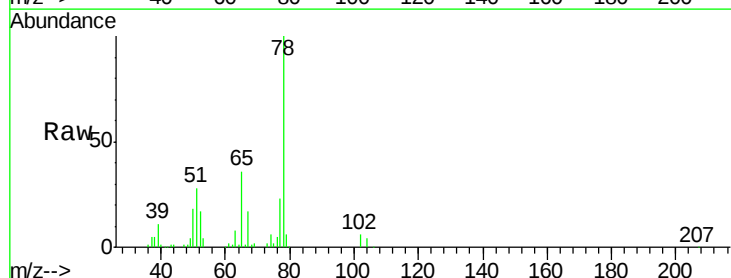
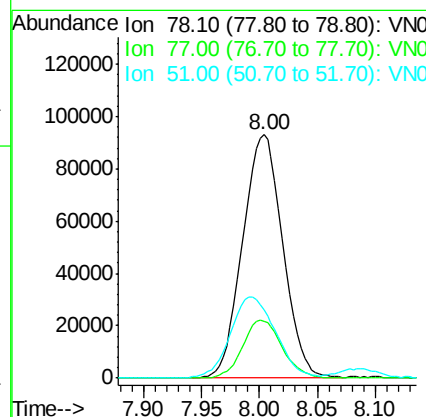
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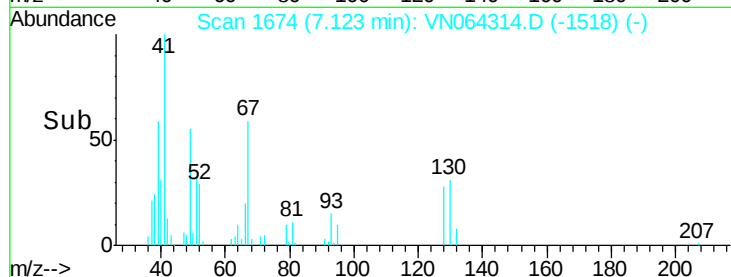
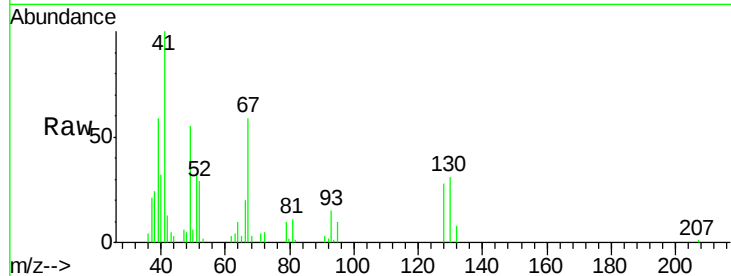
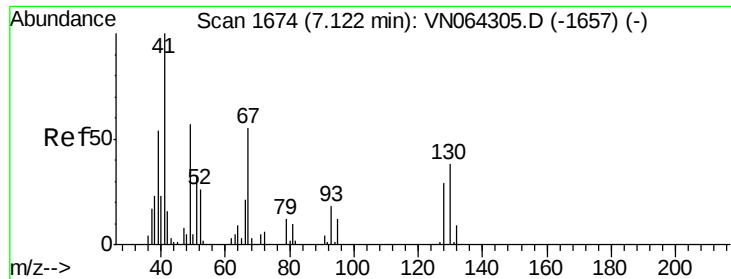
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#34
Benzene
Concen: 18.744 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

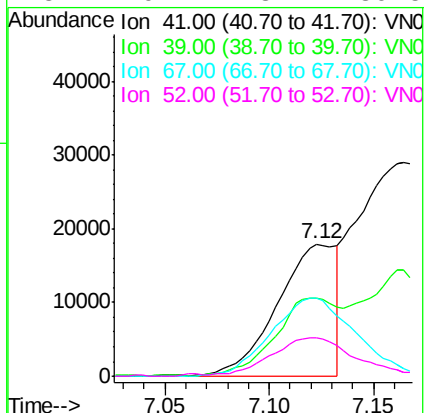
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
78	100		224627		
77	23.3	16.5		24.7	
51	27.5	24.5		36.7	





#35
Methacrylonitrile
Concen: 15.976 ug/l m
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

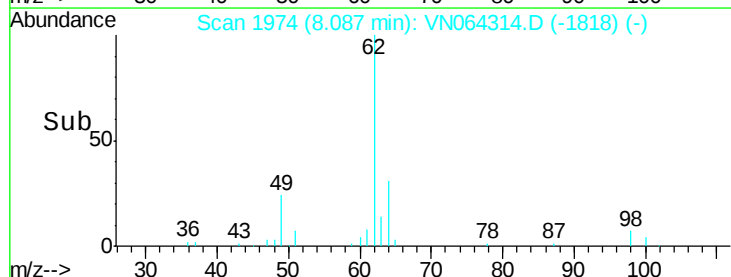
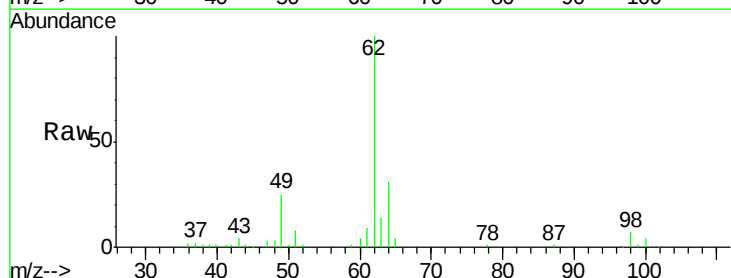
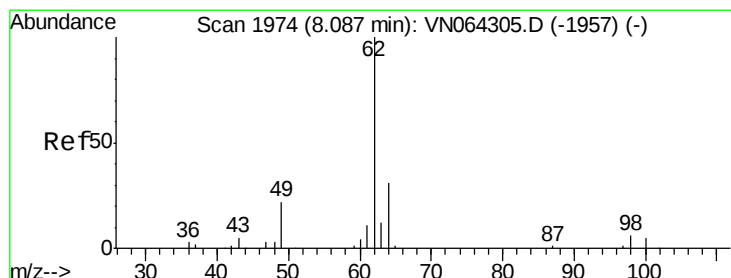
Tot Ion	Ratio	Lower	Upper
41	100		
39	58.9	27.1	81.2
67	59.4	27.7	83.1
52	29.1	13.2	39.5



Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

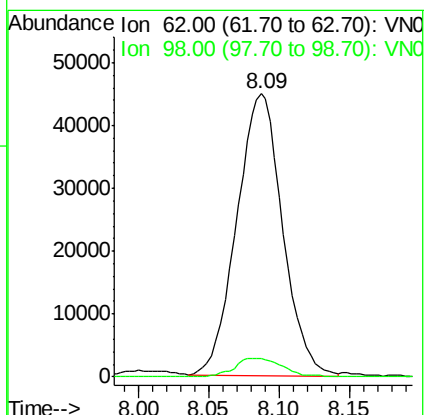
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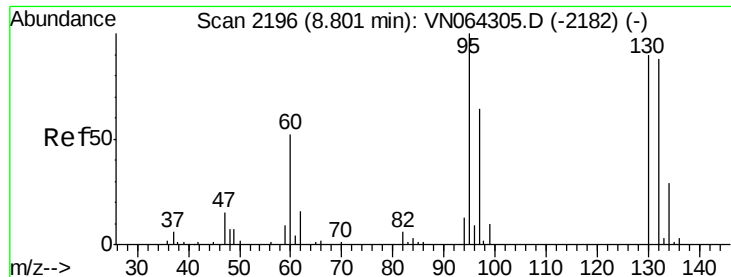
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#36
1,2-Dichloroethane
Concen: 19.088 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.7	3.4	5.0#





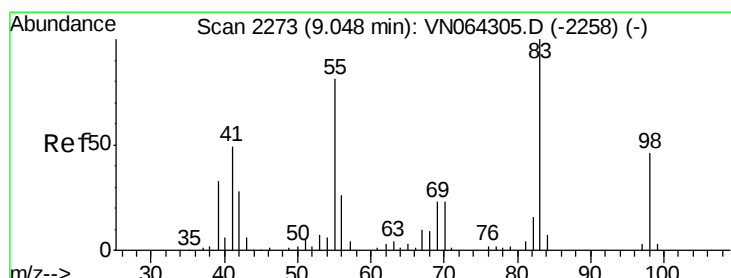
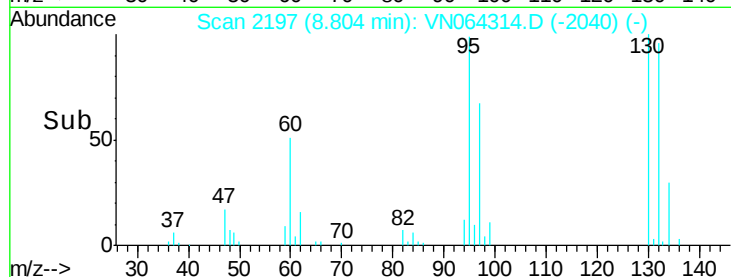
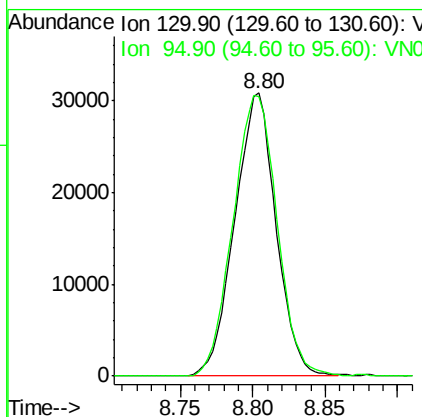
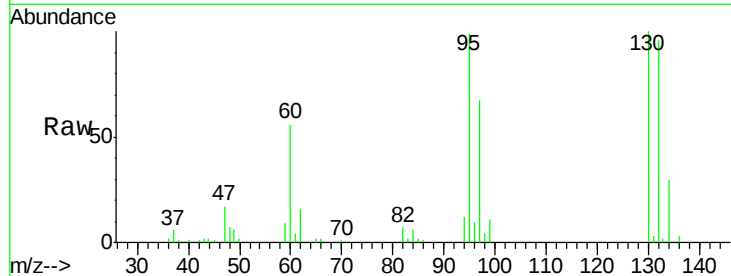
#37
 Trichloroethene
 Concen: 18.708 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion:130 Resp: 61151
 Ion Ratio Lower Upper
 130 100
 95 98.8 88.8 133.2

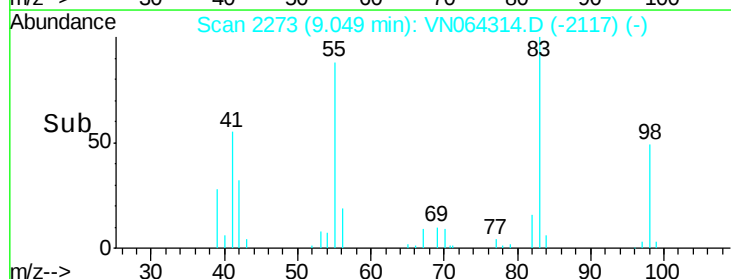
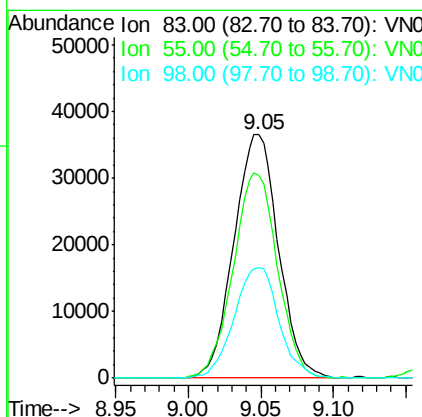
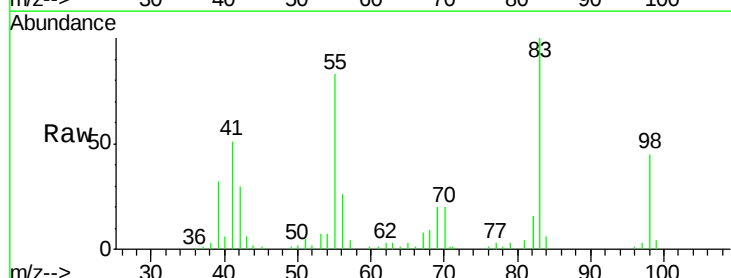
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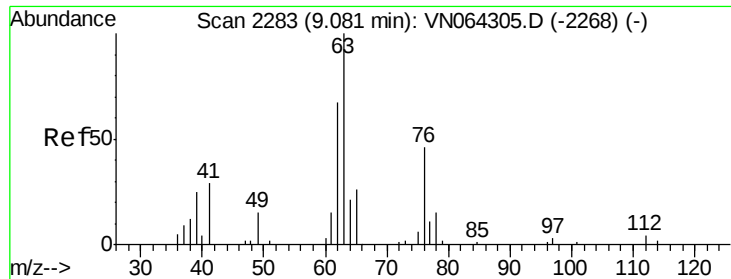
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#38
 Methylcyclohexane
 Concen: 18.102 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion: 83 Resp: 78108
 Ion Ratio Lower Upper
 83 100
 55 83.6 40.3 120.8
 98 45.6 22.8 68.3





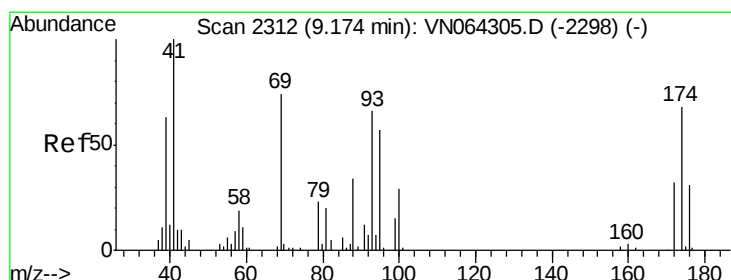
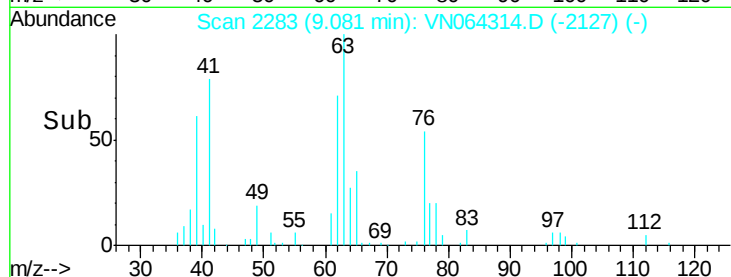
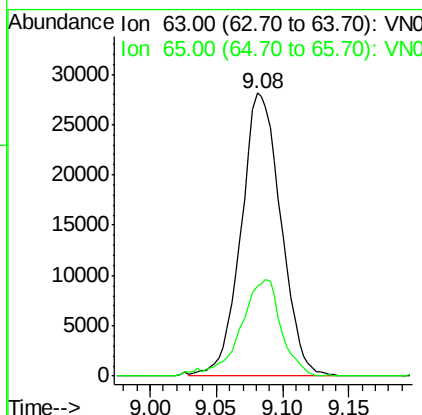
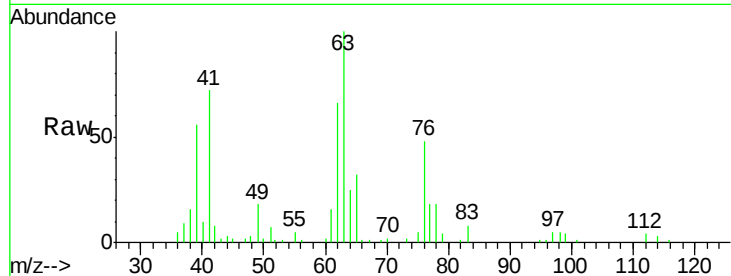
#39
 1,2-Dichloropropane
 Concen: 18.143 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion: 63 Resp: 58697
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.6 33.8

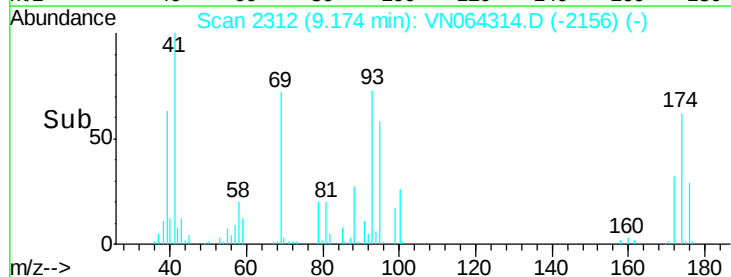
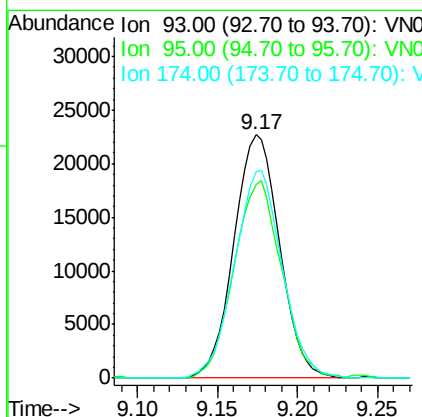
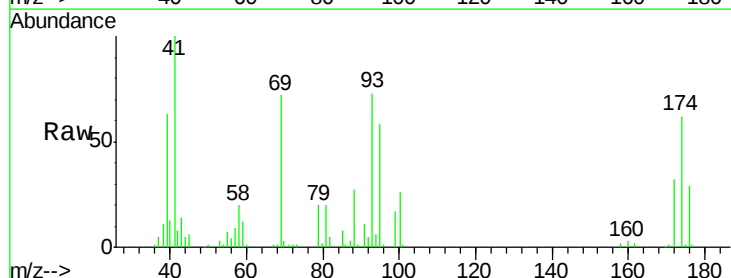
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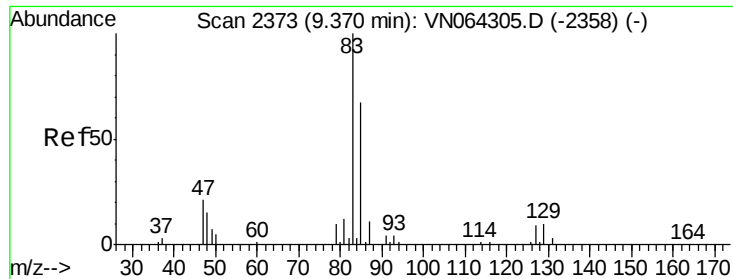
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#40
 Dibromomethane
 Concen: 19.679 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion: 93 Resp: 44188
 Ion Ratio Lower Upper
 93 100
 95 84.5 0.0 174.4
 174 89.3 0.0 188.0





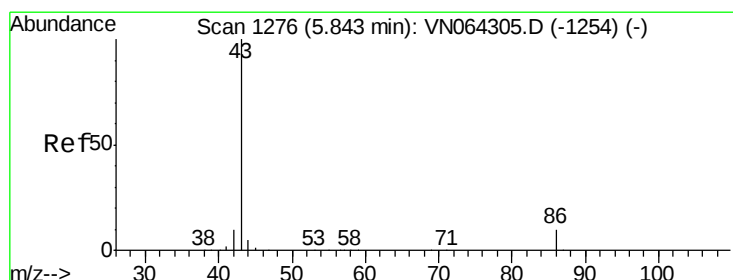
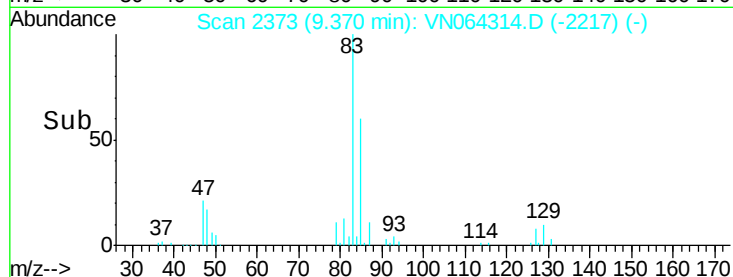
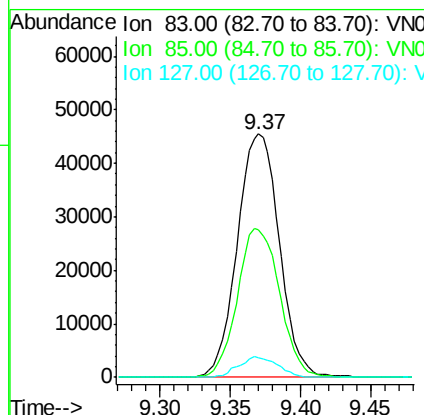
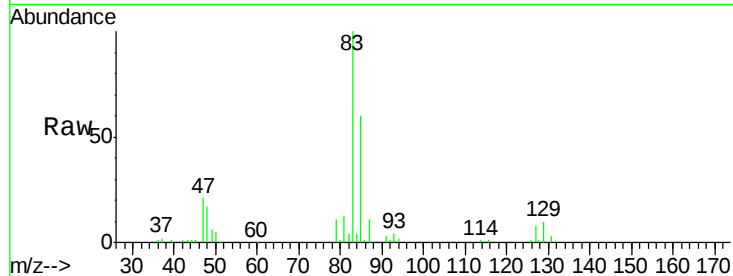
#41
Bromodichloromethane
Concen: 19.546 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	83	Resp	94796
Ion Ratio	100	Lower	Upper
83	100		
85	60.4	53.4	80.0
127	9.3	7.0	10.4

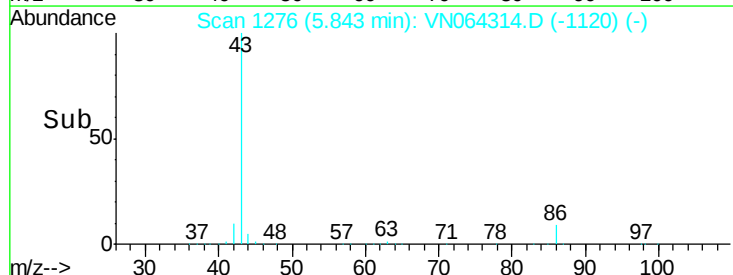
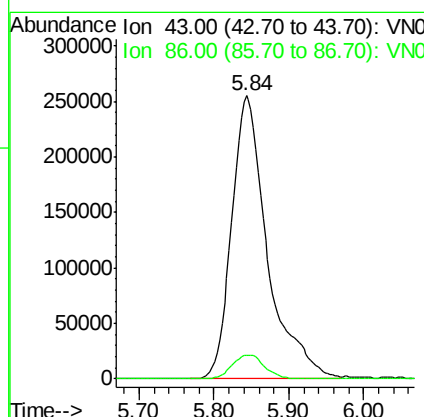
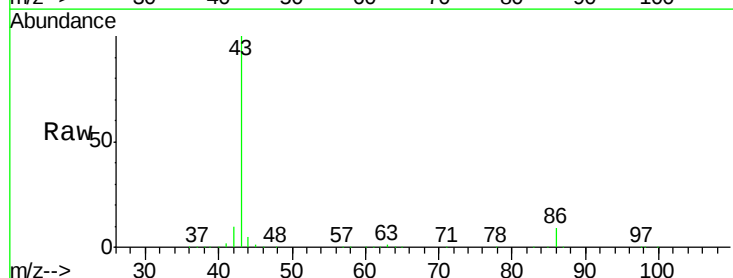
Manual Integrations
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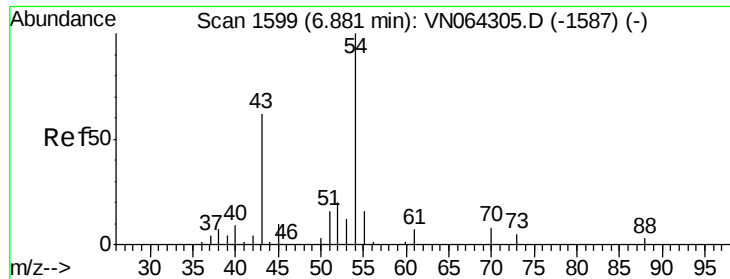
MMDadoda
10/27/2020 3:42:20 PM



#42
Vinyl Acetate
Concen: 94.407 ug/l
RT: 5.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	43	Resp	848811
Ion Ratio	100	Lower	Upper
43	100		
86	4.2	6.6	9.8#





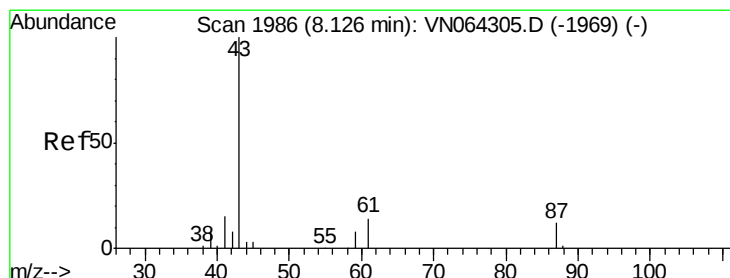
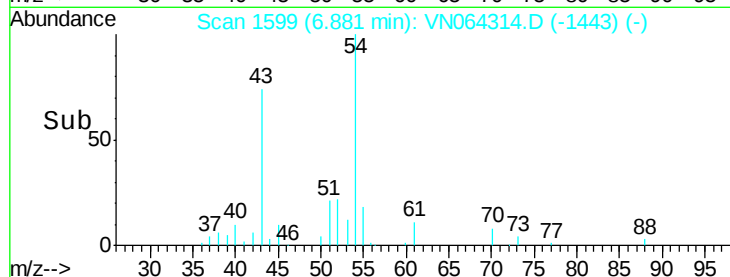
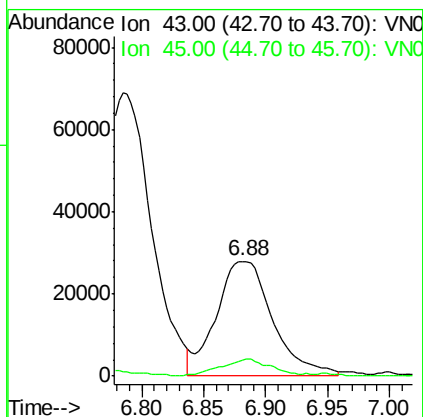
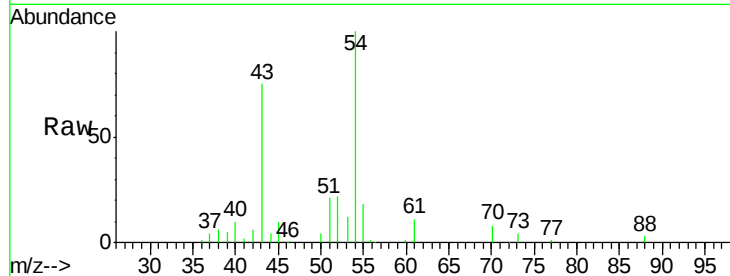
#43
Ethyl Acetate
Concen: 20.839 ug/l m
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion: 43 Resp: 89372
Ion Ratio Lower Upper
43 100
45 1.4 4.0 6.0#

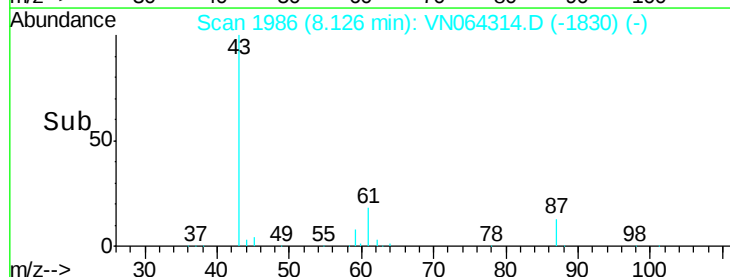
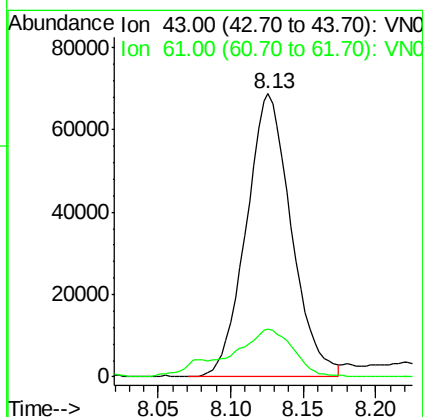
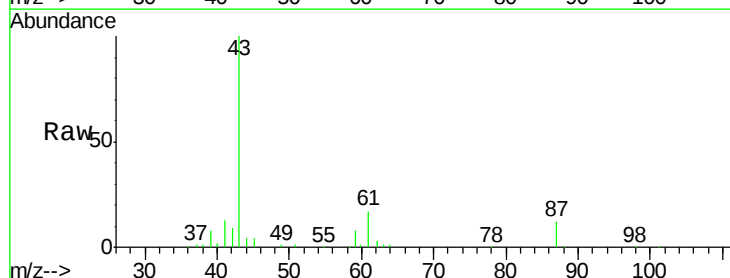
Manual Integrations
APPROVED

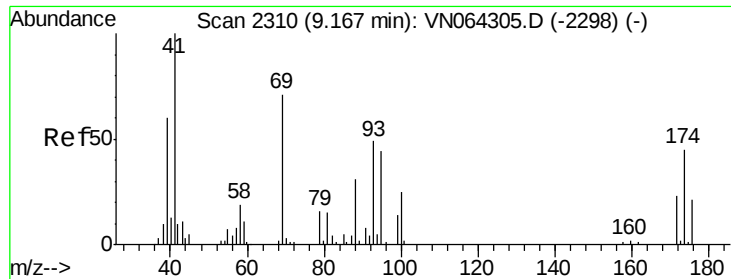
MMDadoda
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#44
Isopropyl Acetate
Concen: 18.896 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion: 43 Resp: 148904
Ion Ratio Lower Upper
43 100
61 18.6 14.3 21.5





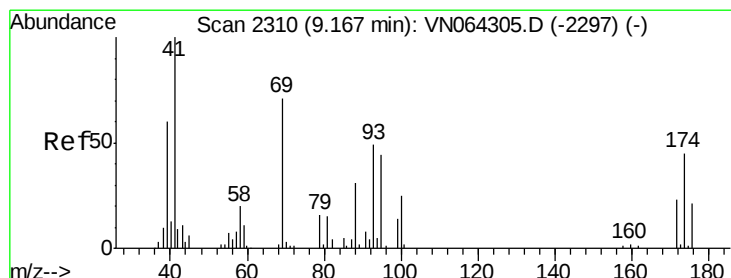
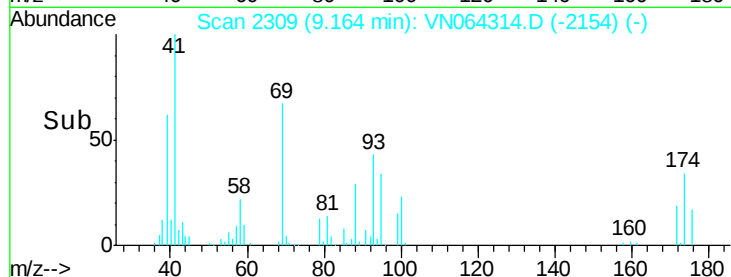
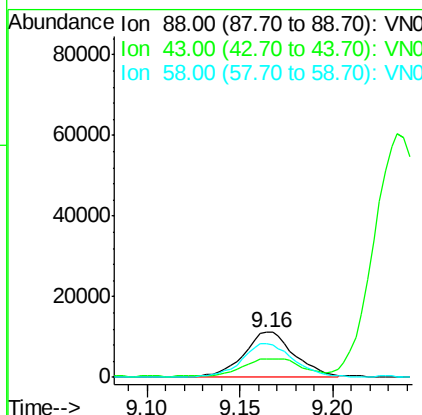
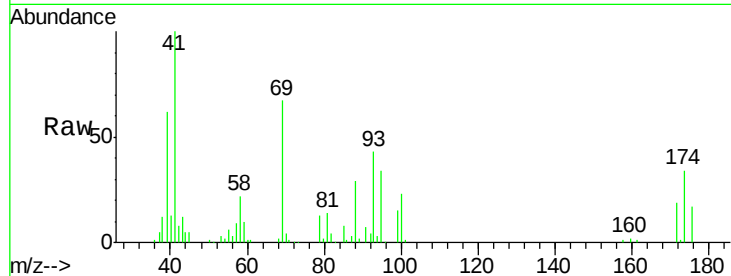
#45
1,4-Dioxane
Concen: 354.985 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	88	Resp	21574
Ion	Ratio	Lower	Upper
88	100		
43	44.7	31.2	46.8
58	76.0	55.4	83.2

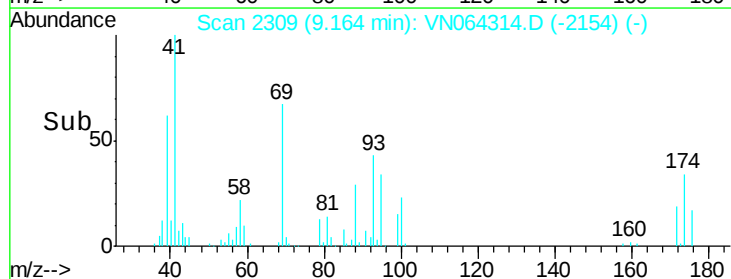
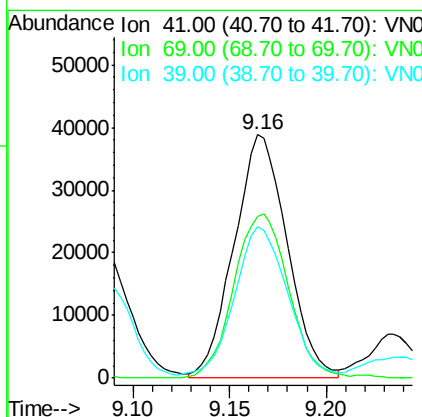
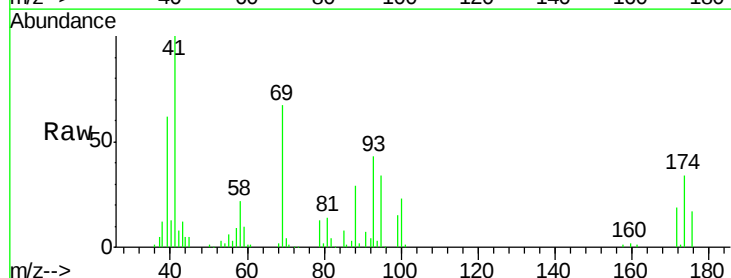
Manual Integrations
APPROVED

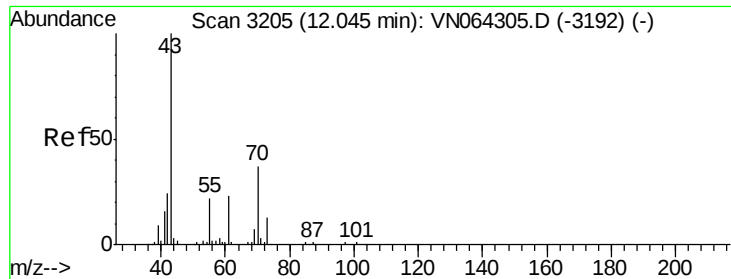
MMDadoda
10/27/2020 3:42:20 PM



#46
Methyl methacrylate
Concen: 19.367 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	41	Resp	74473
Ion	Ratio	Lower	Upper
41	100		
69	67.4	35.3	105.9
39	61.1	30.2	90.6





#47

n-amvl Acetate

Concen: 18.285 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tot Ion: 43 Resp: 121312

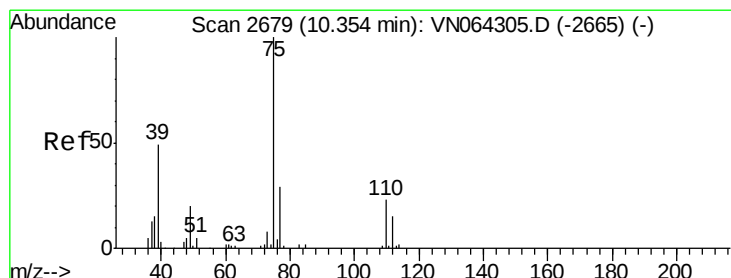
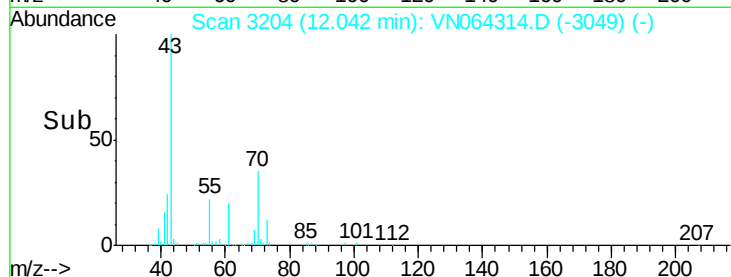
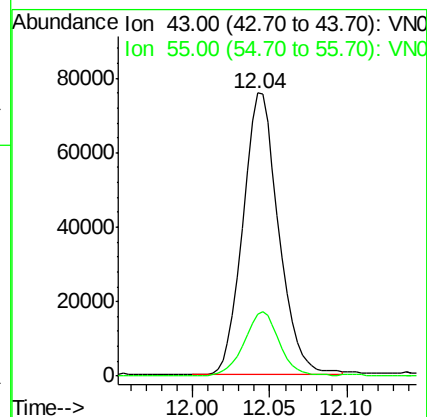
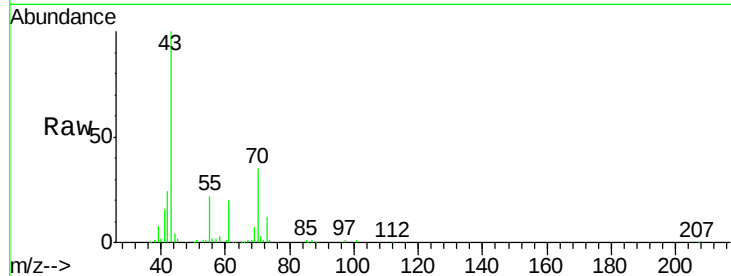
Ion Ratio Lower Upper

43 100

55 22.7 17.3 25.9

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 18.258 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064314.D

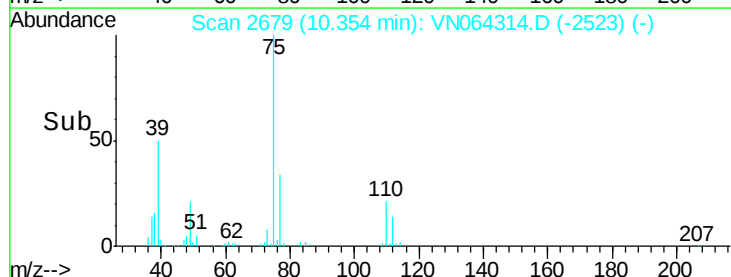
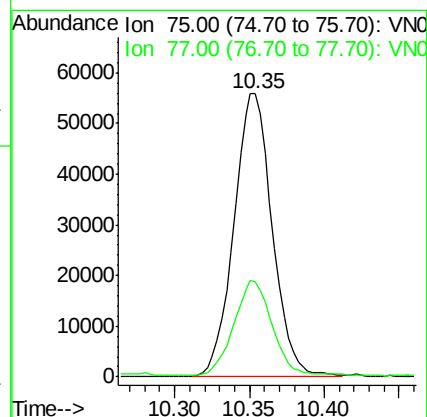
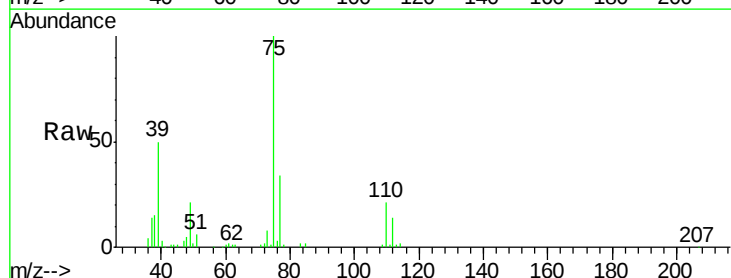
Acq: 26 Oct 2020 21:02

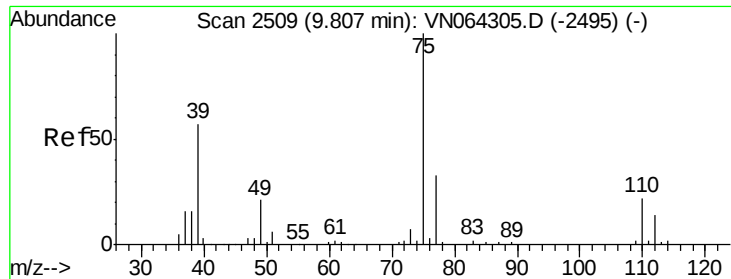
Tgt Ion: 75 Resp: 99873

Ion Ratio Lower Upper

75 100

77 32.9 23.7 35.5





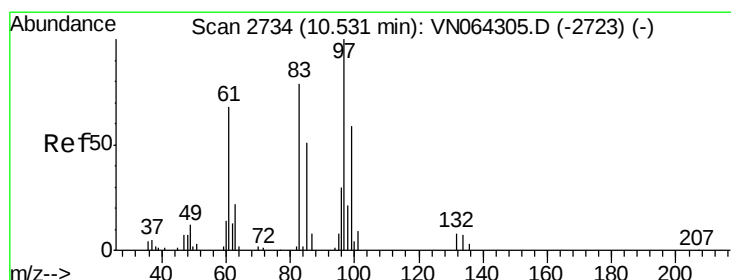
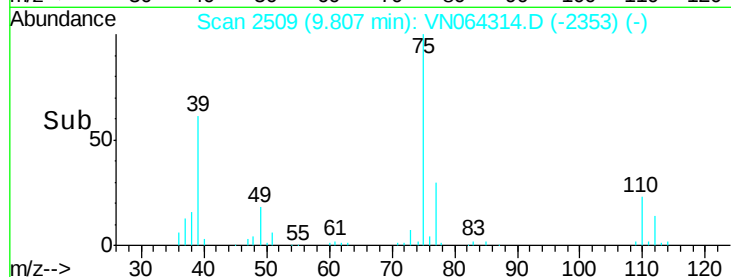
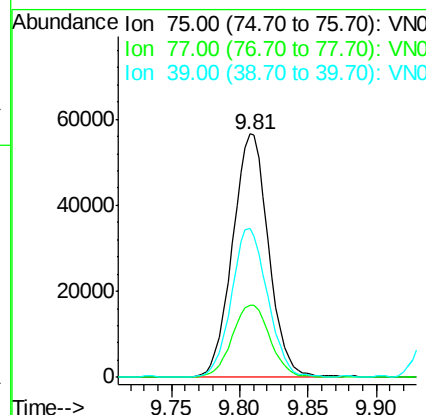
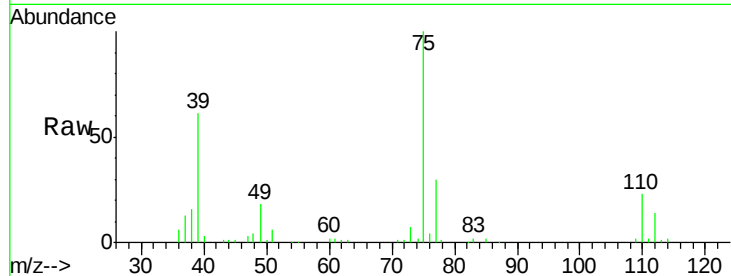
#49
 cis-1,3-Dichloropropene
 Concen: 18.621 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.7	40.1
39	61.1	45.9	68.9

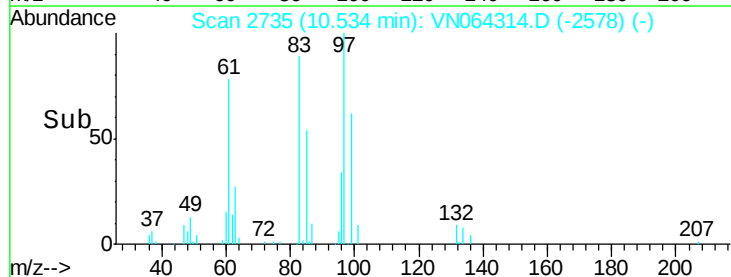
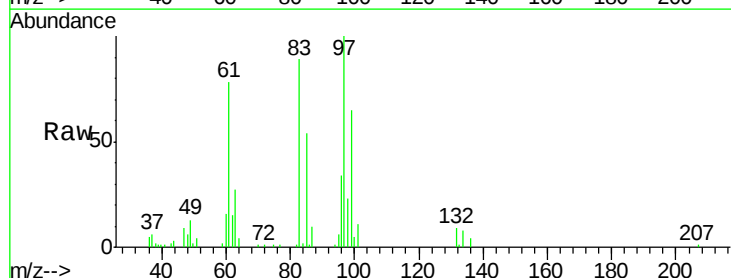
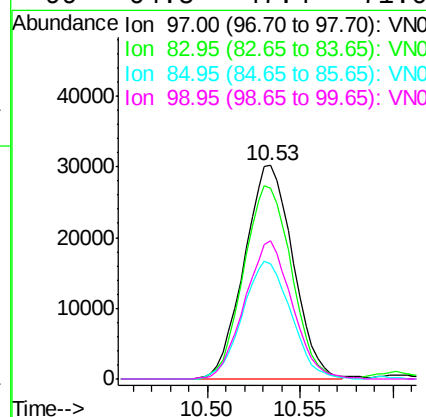
Manual Integrations
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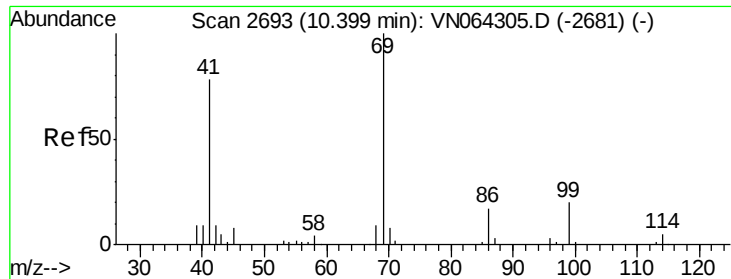
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#50
 1,1,2-Trichloroethane
 Concen: 18.335 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	63.2	94.8
85	54.2	41.0	61.6
99	64.5	47.4	71.0





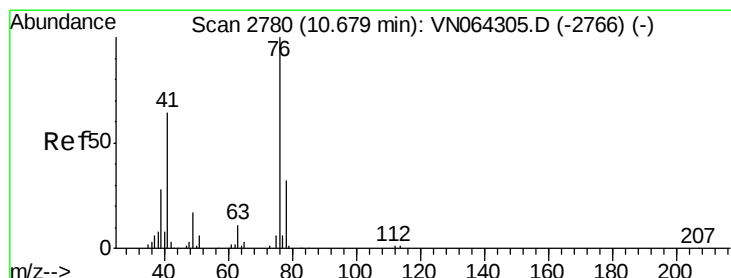
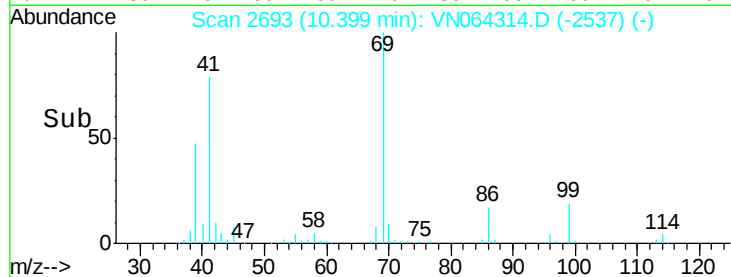
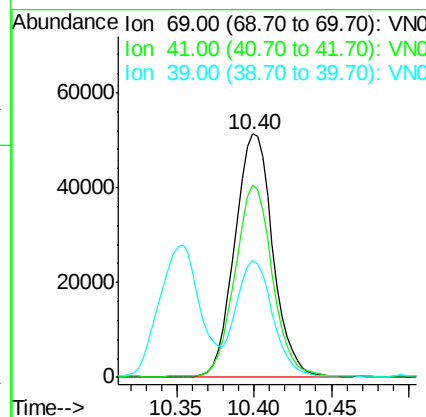
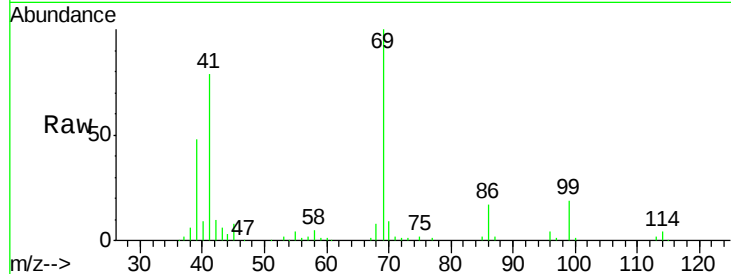
#51
Ethyl methacrylate
Concen: 18.667 ug/l
RT: 10.40 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
69	100		
41	78.6	38.8	116.4
39	47.1	24.6	74.0

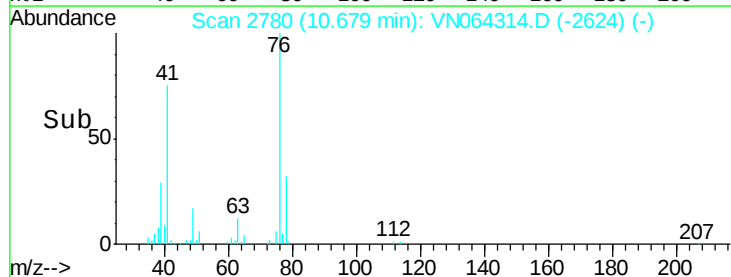
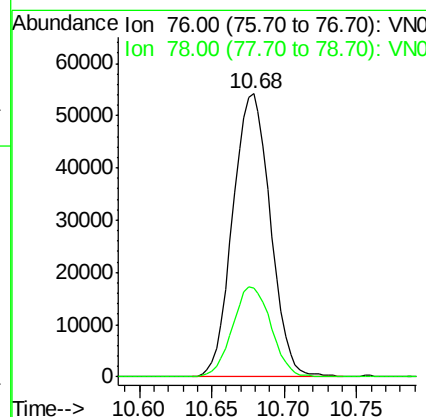
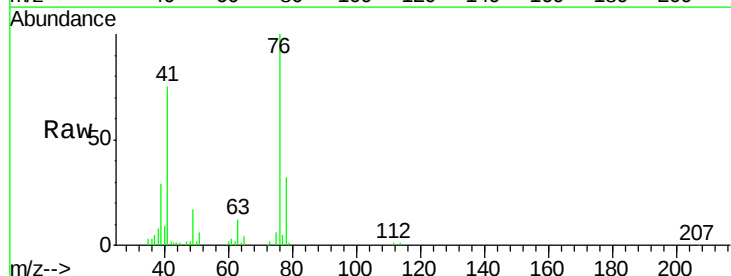
Manual Integrations
APPROVED

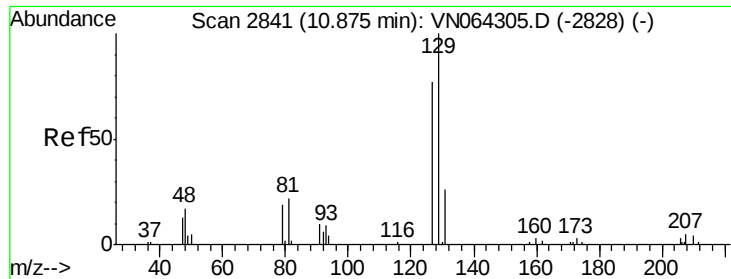
MMDadoda
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#52
1,3-Dichloropropane
Concen: 18.520 ug/l
RT: 10.68 min Scan# 2780
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	61.6





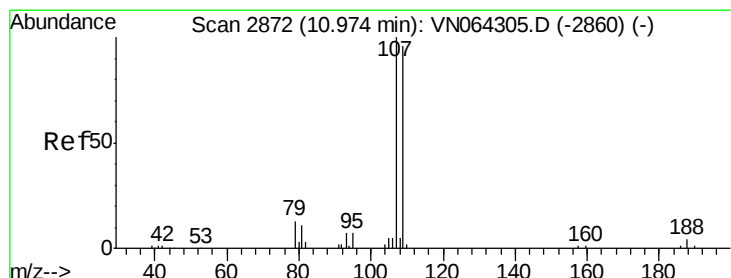
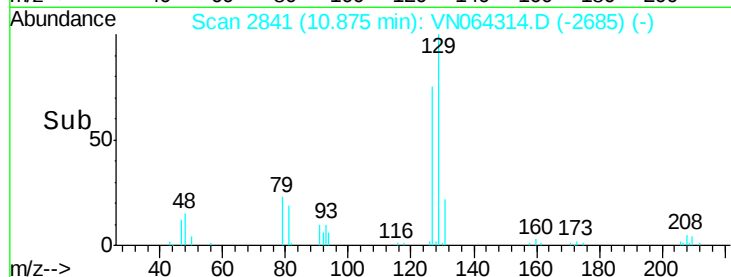
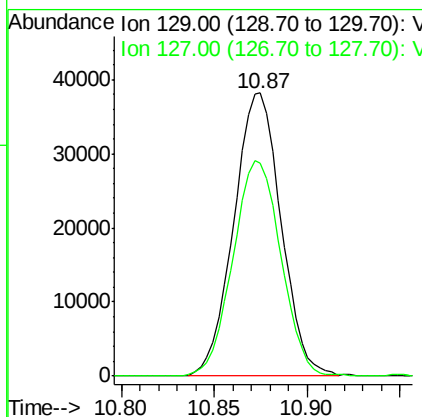
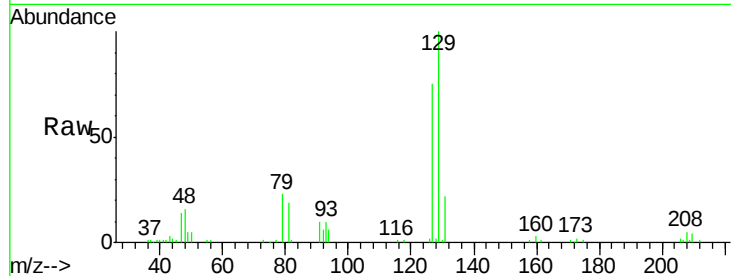
#53
Dibromochloromethane
Concen: 18.375 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion:129 Resp: 67657
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7

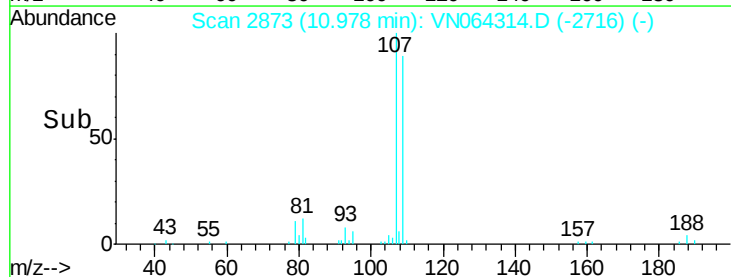
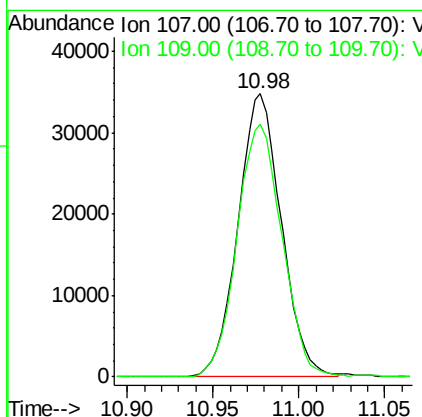
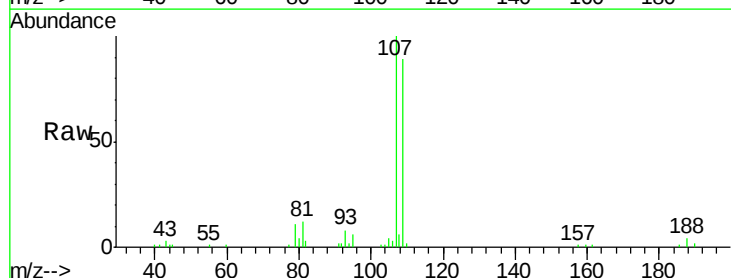
Manual Integrations
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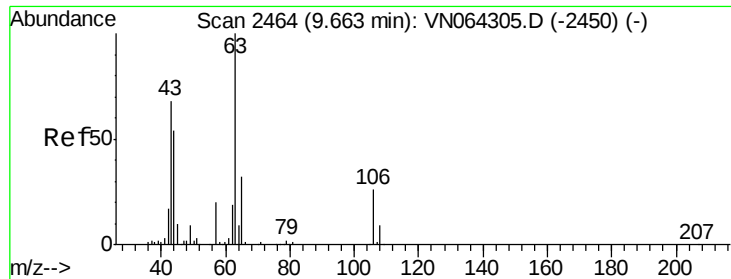
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#54
1,2-Dibromoethane
Concen: 18.887 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion:107 Resp: 60823
Ion Ratio Lower Upper
107 100
109 92.7 74.8 112.2





#55

2-Chloroethyl vinyl ether

Concen: 98.449 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

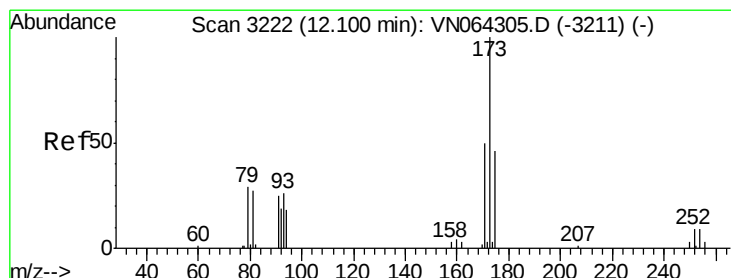
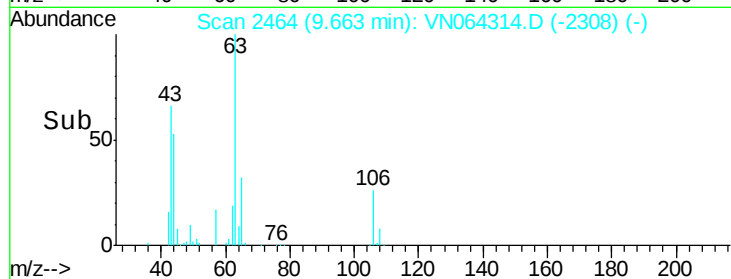
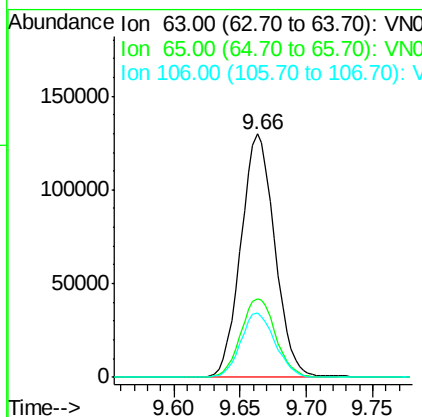
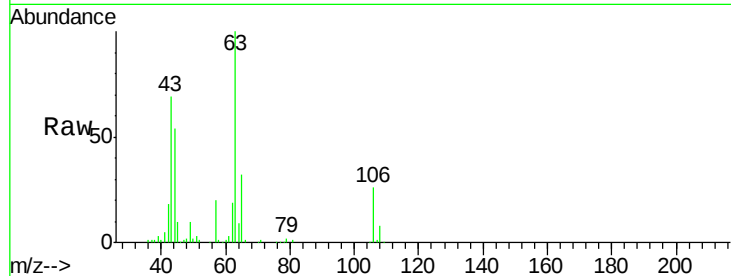
ClientSampleId :

VN1026WBSD01

Tot Ion	63	Resp	230666
Ion Ratio	Lower	Upper	
63	100		
65	33.0	25.6	38.4
106	26.7	20.7	31.1

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#56

Bromoform

Concen: 17.451 ug/l

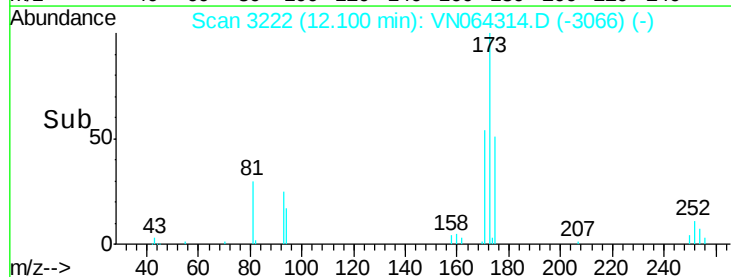
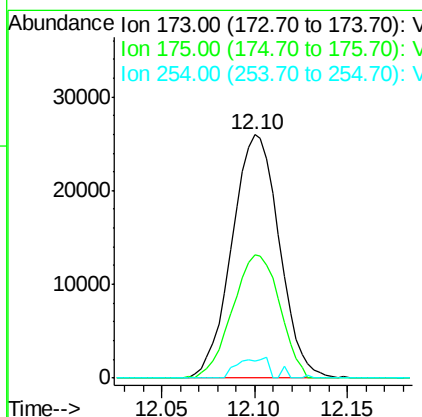
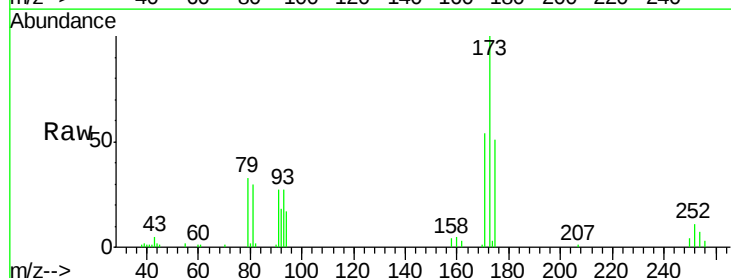
RT: 12.10 min Scan# 3222

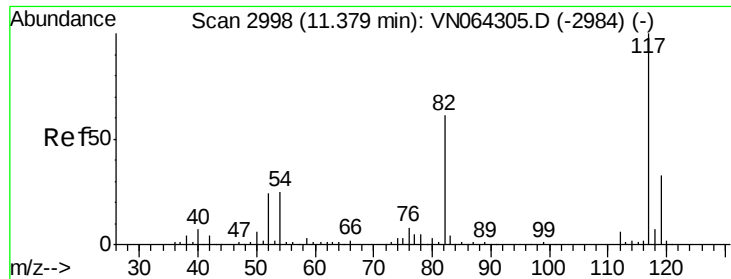
Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Tgt Ion	173	Resp	46066
Ion Ratio	Lower	Upper	
173	100		
175	50.3	37.3	55.9
254	3.4	4.8	7.2#





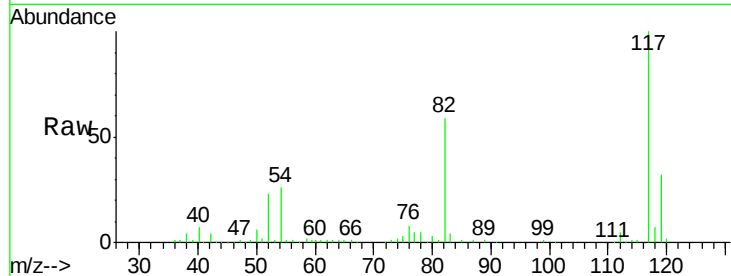
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

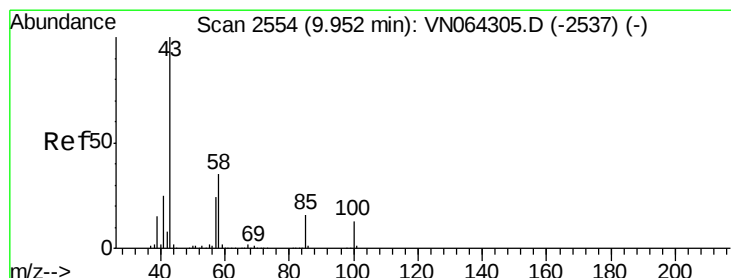
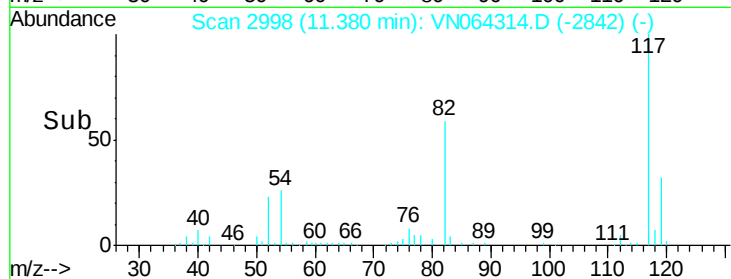
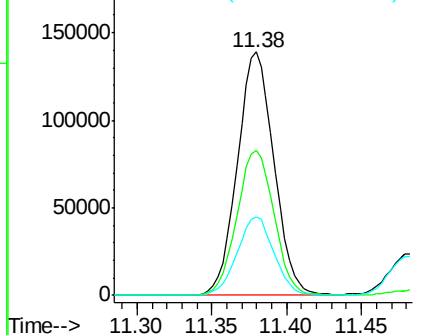
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	48.7	73.1
119	32.5	25.1	37.7

Manual Integrations
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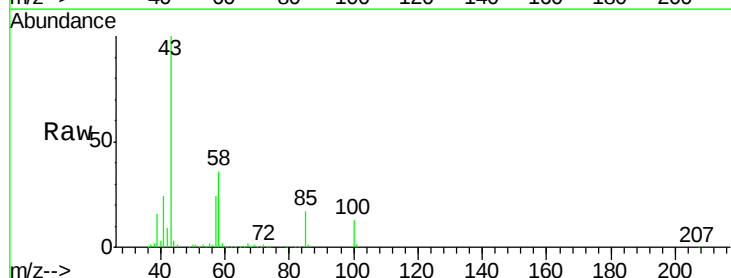


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

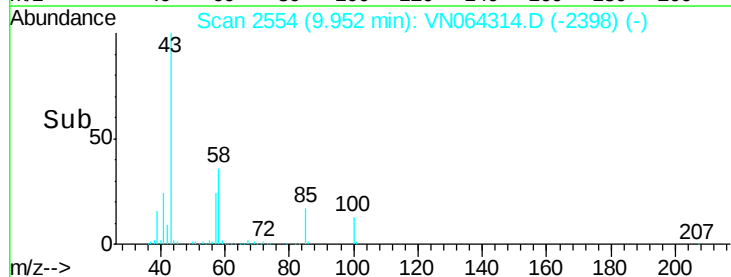
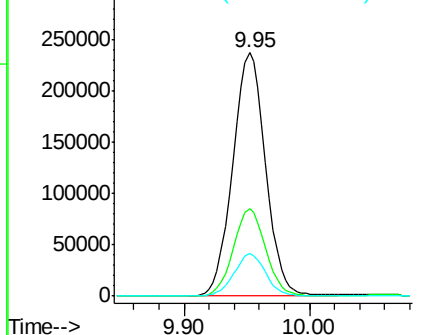


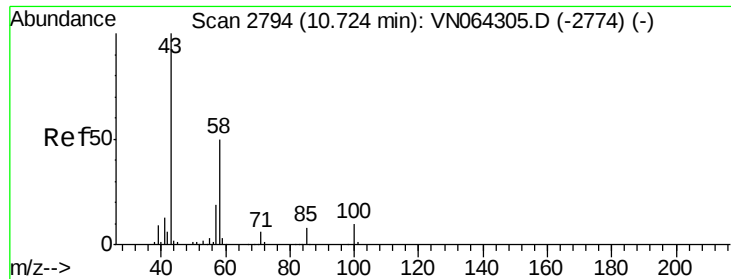
#58
4-Methyl-2-Pentanone
Concen: 98.163 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.7	43.1
85	17.0	13.4	20.2



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





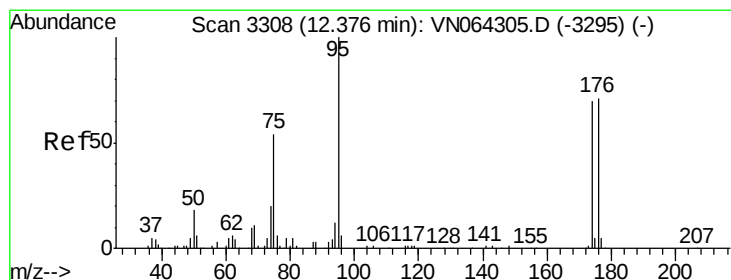
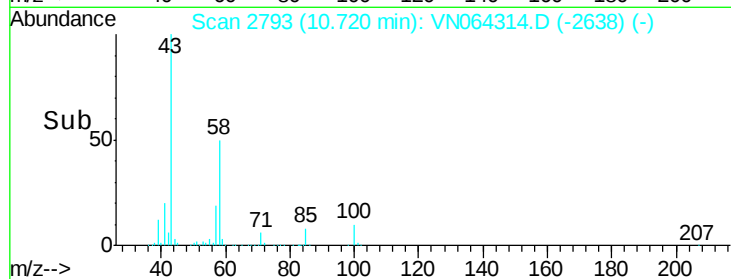
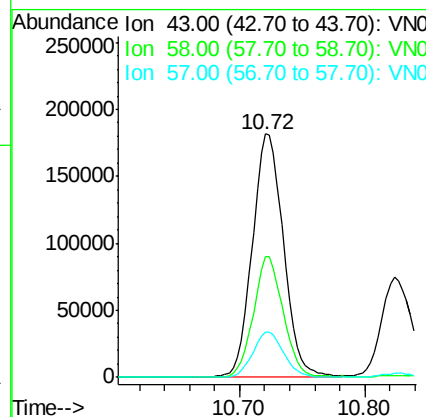
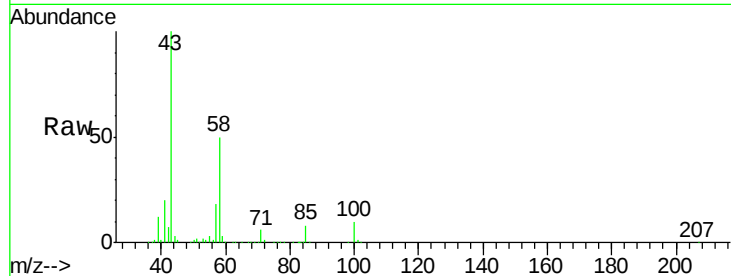
#59
2-Hexanone
Concen: 95.633 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.9	39.4	59.2
57	18.6	14.8	22.2

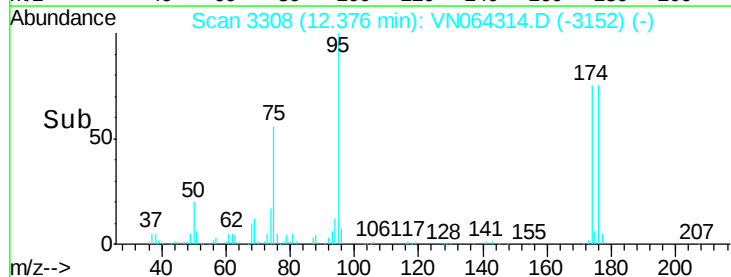
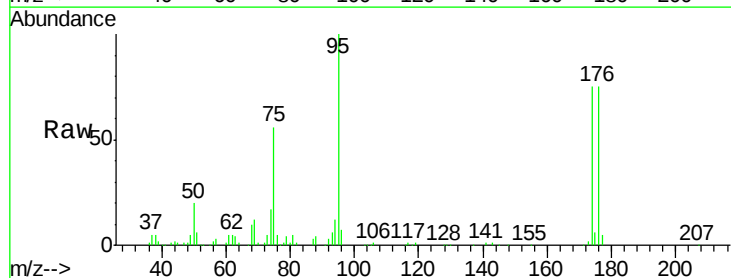
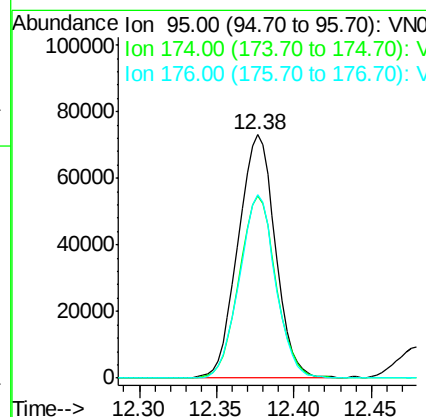
Manual Integrations
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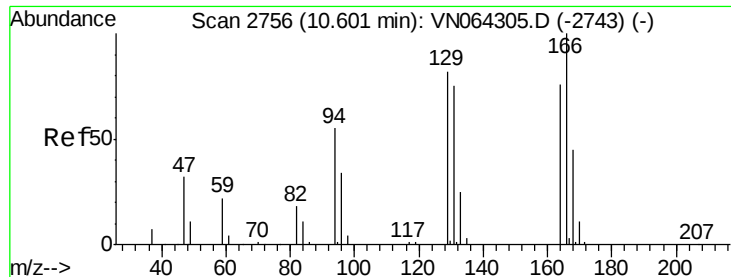
MMDadoda
10/27/2020 3:42:20 PM



#60
4-Bromofluorobenzene
Concen: 28.898 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	57.6	86.4
176	72.9	55.5	83.3





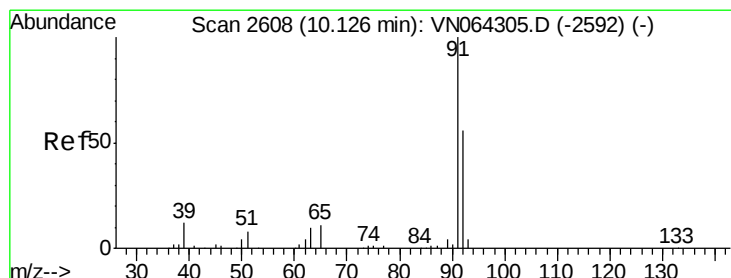
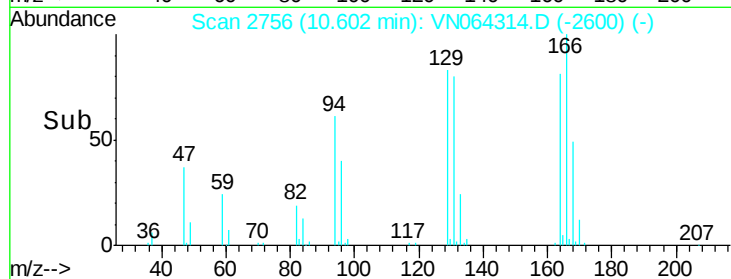
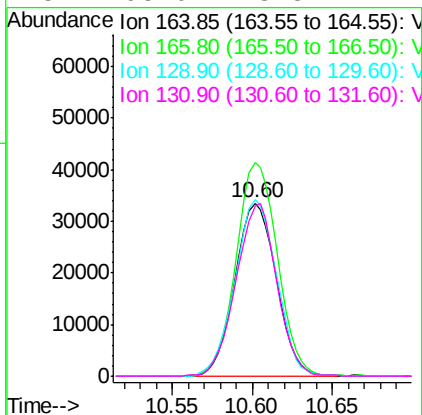
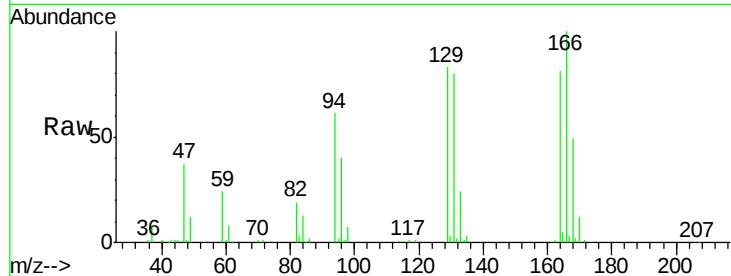
#61
Tetrachloroethene
Concen: 18.810 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.4	105.4	158.0
129	102.0	86.4	129.6
131	98.0	78.5	117.7

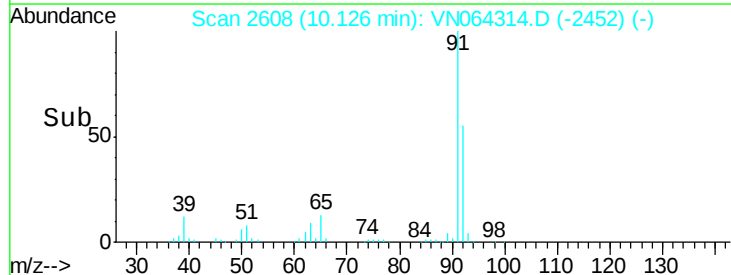
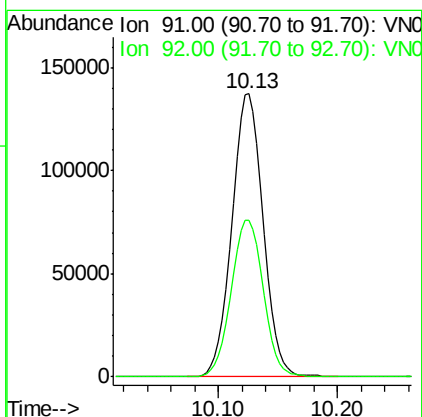
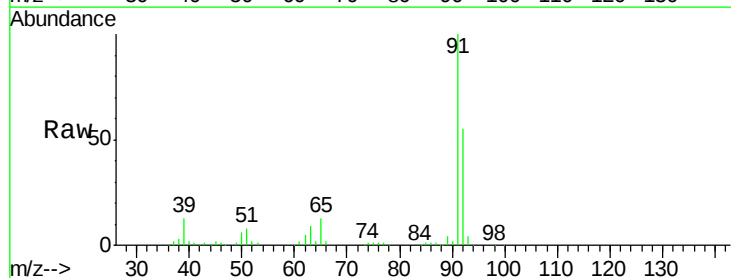
Manual Integrations
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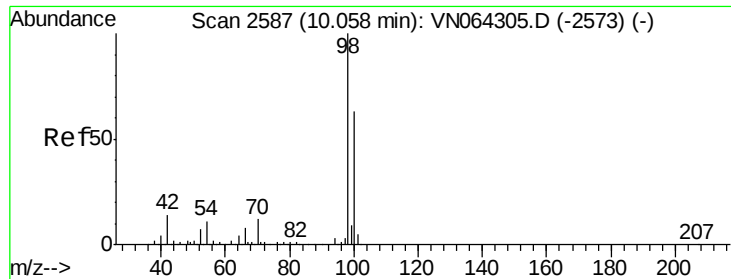
MMDadoda
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#62
Toluene
Concen: 19.184 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.0	45.8	68.6





#63

Toluene-d8

Concen: 30.307 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tot Ion: 98 Resp: 319802

Ion Ratio Lower Upper

98 100

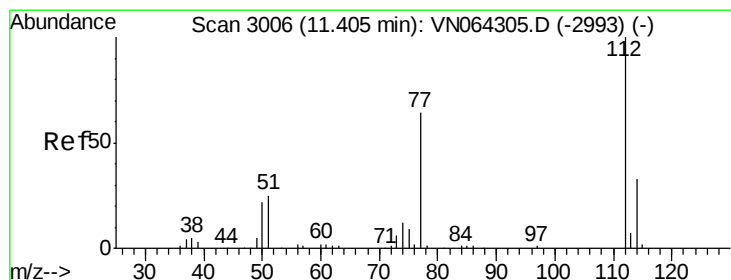
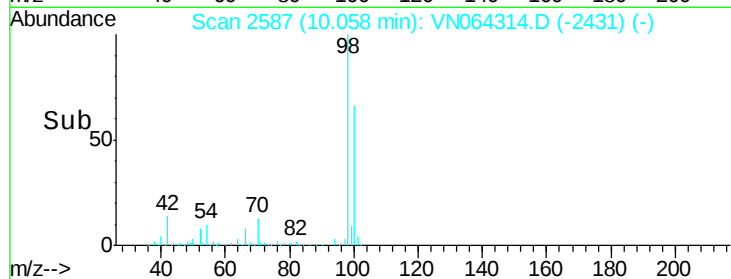
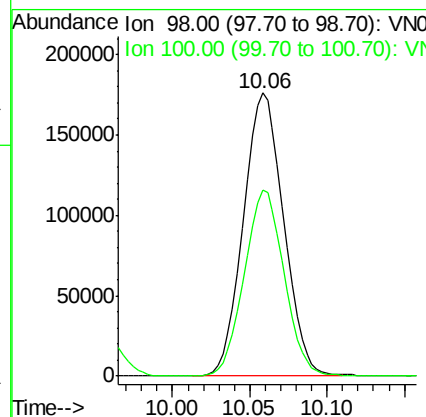
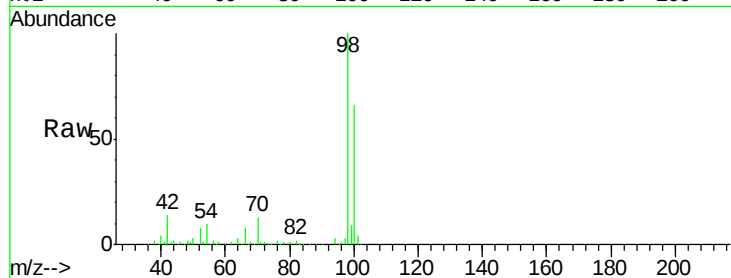
100 64.4 50.6 75.8

Manual Integrations

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#64

Chlorobenzene

Concen: 18.924 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064314.D

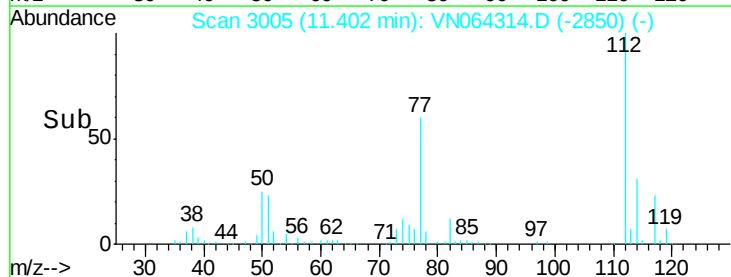
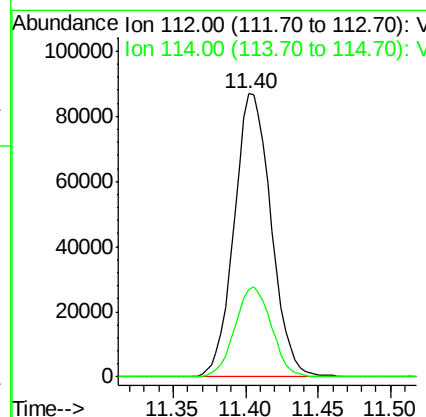
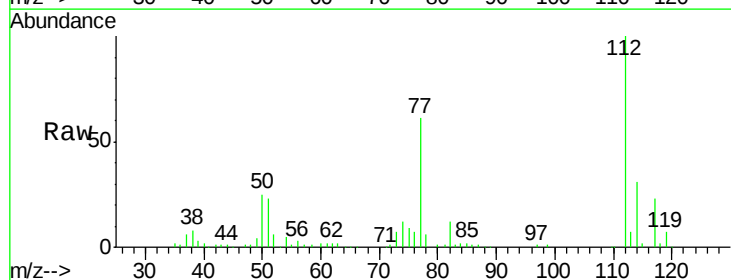
Acq: 26 Oct 2020 21:02

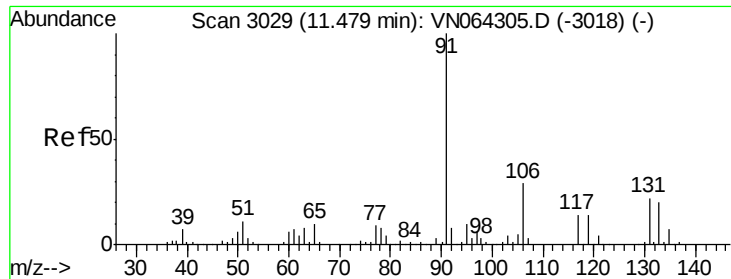
Tgt Ion: 112 Resp: 153767

Ion Ratio Lower Upper

112 100

114 30.9 26.7 40.1





#65

1,1,1,2-Tetrachloroethane

Concen: 18.696 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

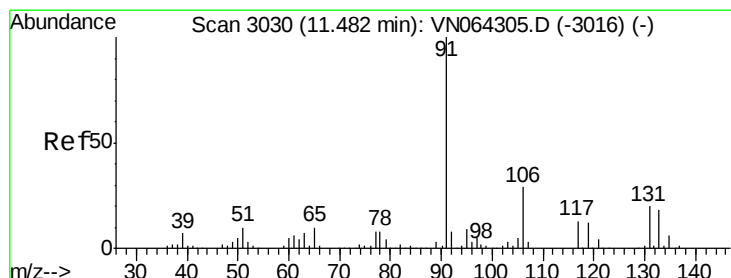
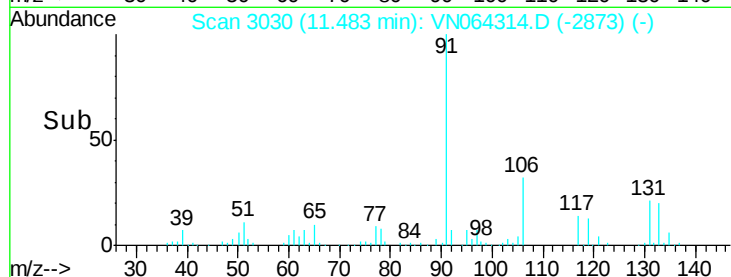
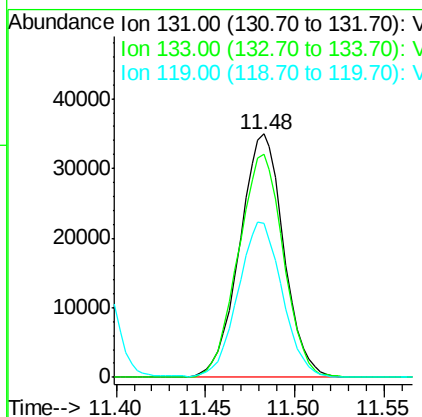
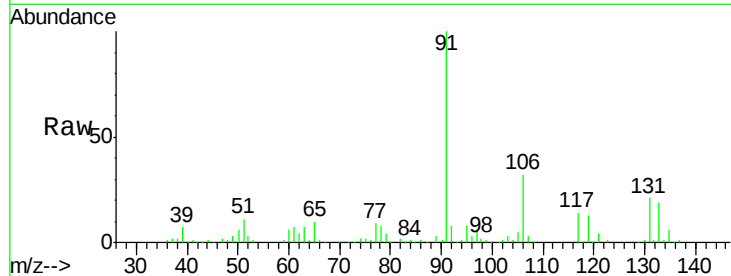
ClientSampleId :

VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.0	0.0	183.0
119	63.9	0.0	121.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.700 ug/l

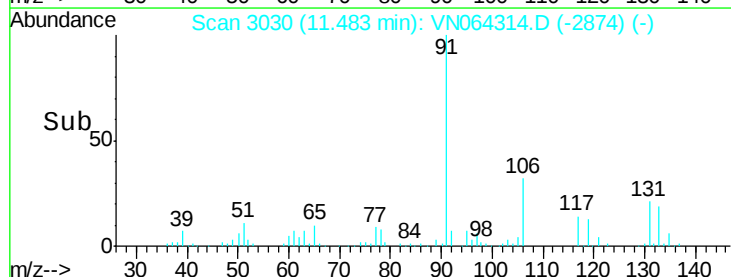
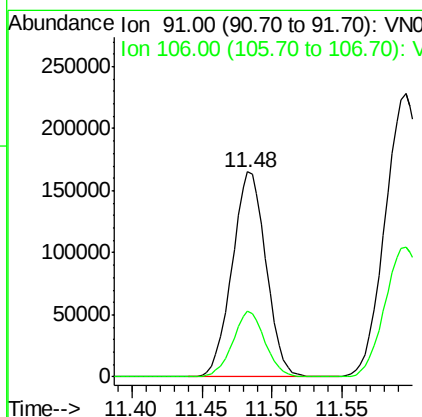
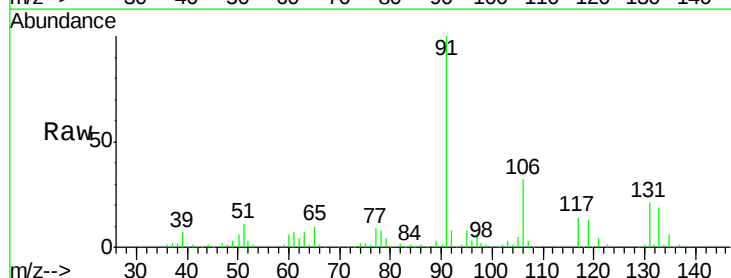
RT: 11.48 min Scan# 3030

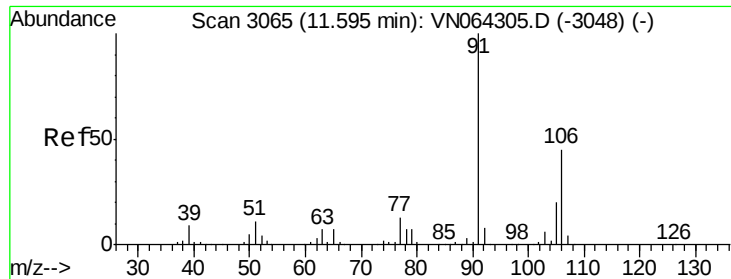
Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.1	22.8	34.2





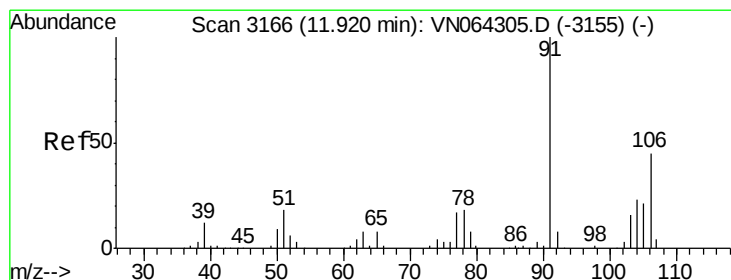
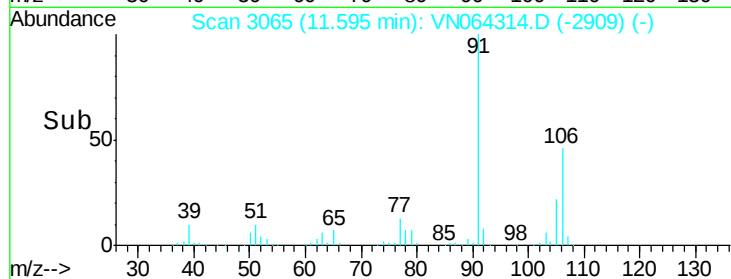
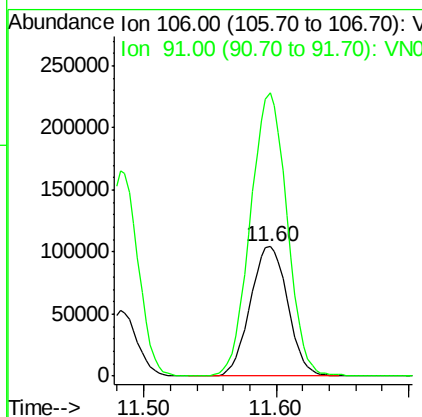
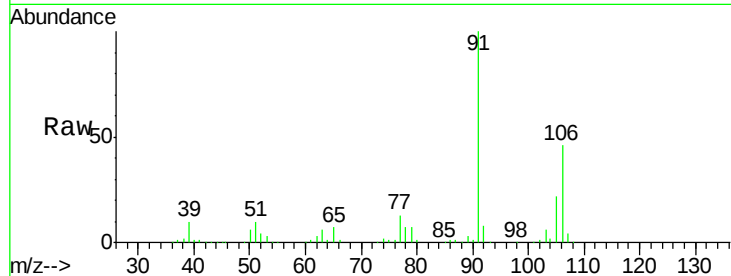
#67
m/p-Xvlenes
Concen: 37.559 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion:106 Resp: 205469
Ion Ratio Lower Upper
106 100
91 212.7 176.2 264.2

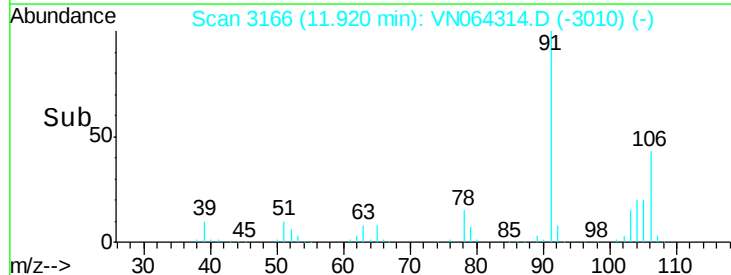
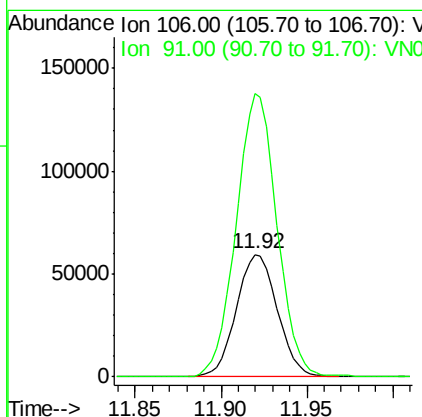
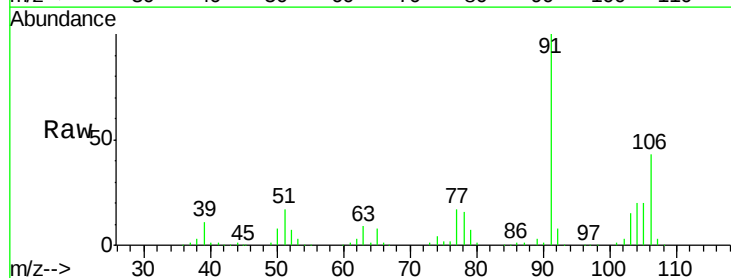
Manual Integrations
APPROVED

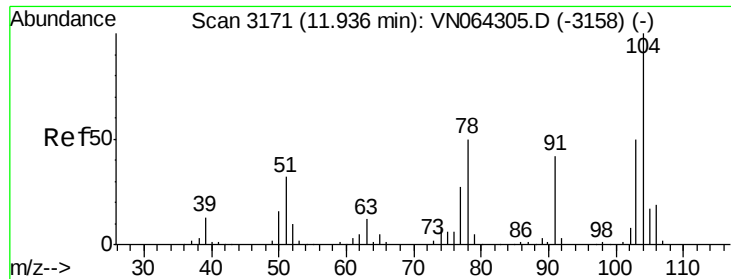
MMDadoda
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#68
o-Xylene
Concen: 18.272 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion:106 Resp: 98302
Ion Ratio Lower Upper
106 100
91 229.8 112.9 338.6





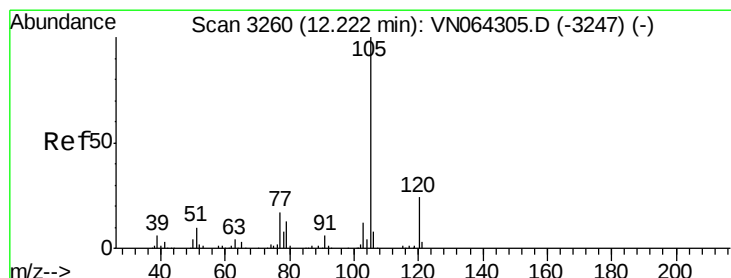
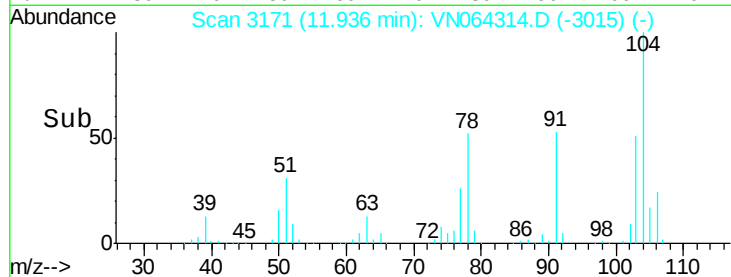
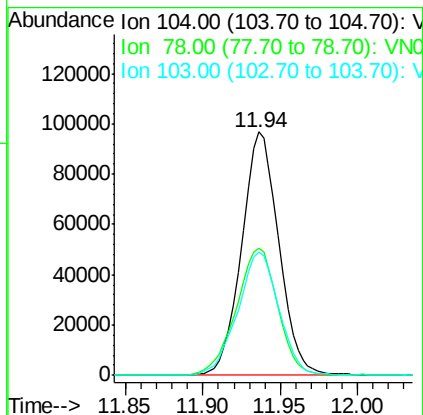
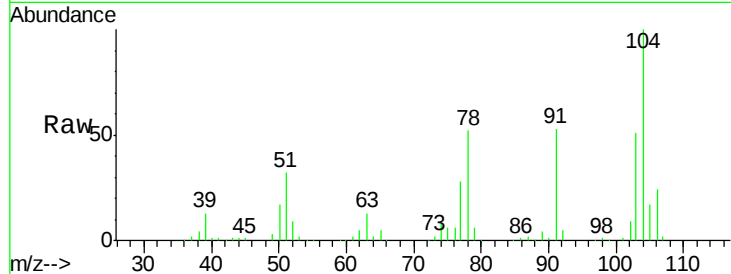
#69
Stvrene
Concen: 18.106 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	58.2	46.3	69.5
103	56.0	44.2	66.2

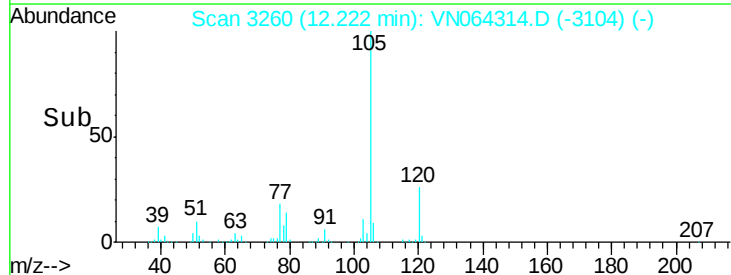
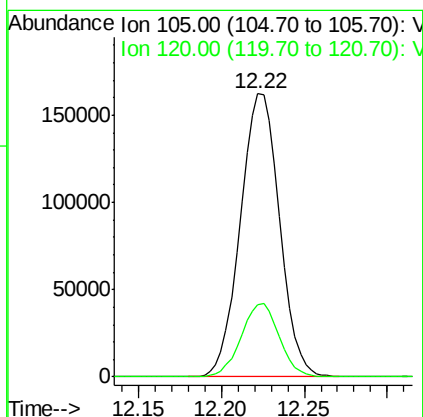
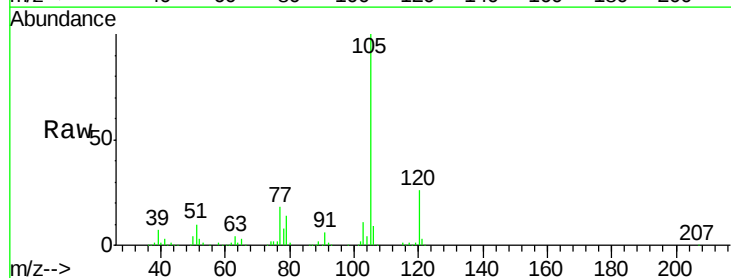
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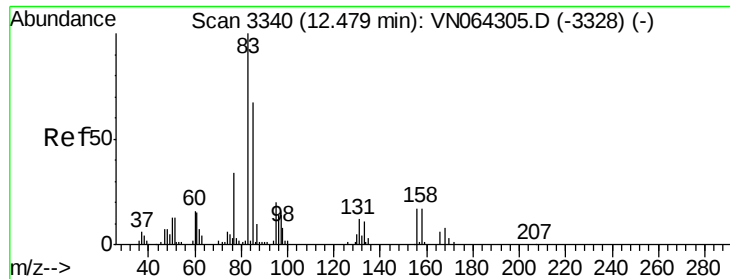
MMDadoda
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#70
Isopropylbenzene
Concen: 18.781 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.1	17.4	32.2





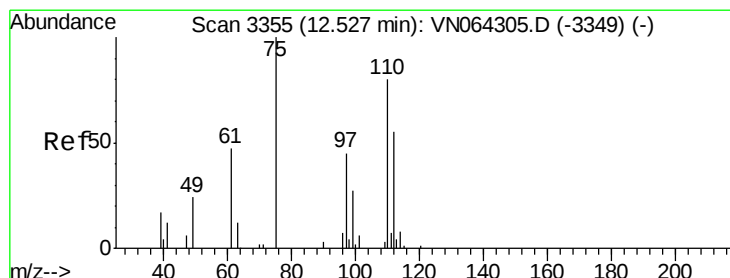
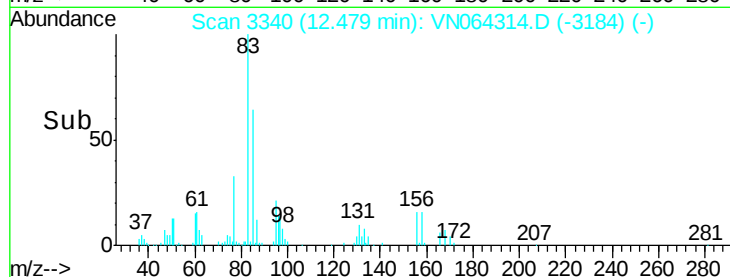
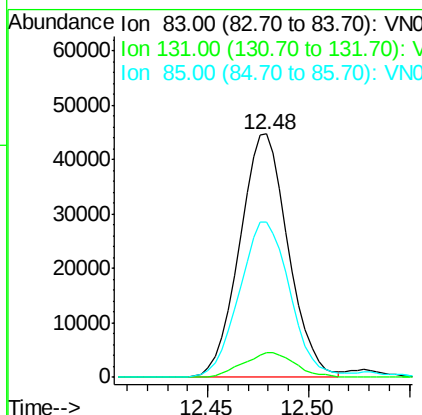
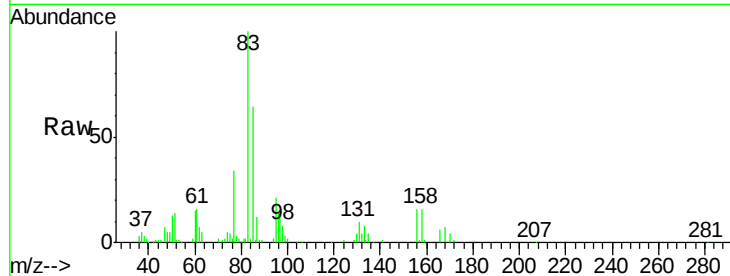
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.518 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.8	6.0	18.0
85	66.9	32.0	96.0

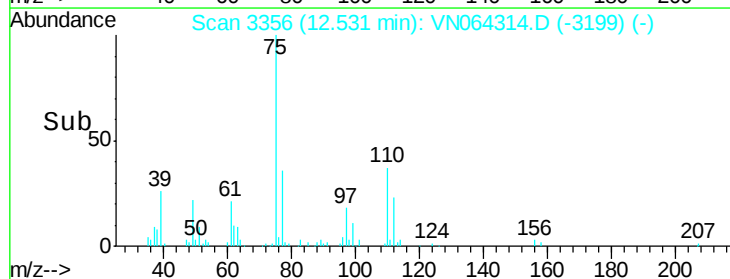
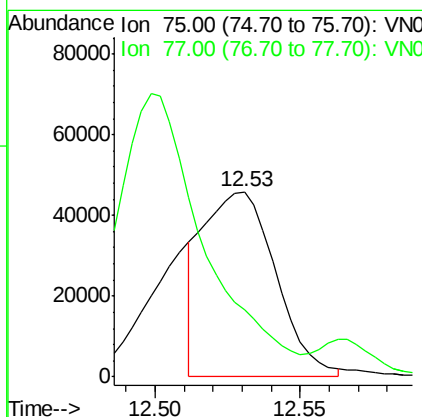
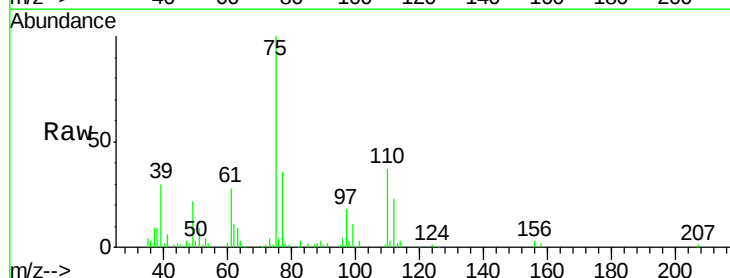
Manual Integrations
 APPROVED

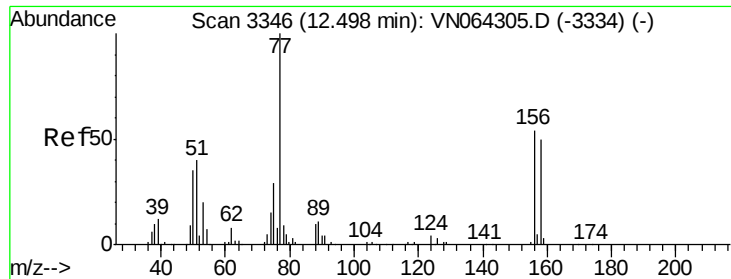
MMDadoda
 10/27/2020 3:42:20 PM



#72
 1,2,3-Trichloropropane
 Concen: 18.456 ug/l m
 RT: 12.53 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	16.4	0.0	340.8





#73

Bromobenzene

Concen: 18.205 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

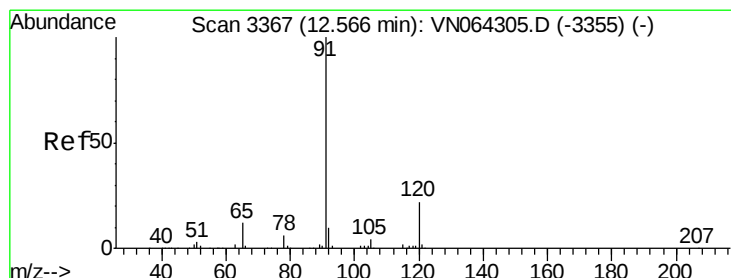
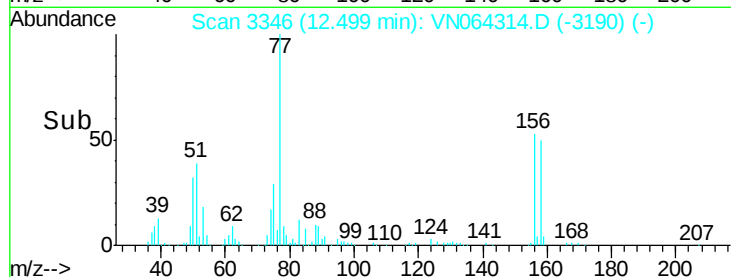
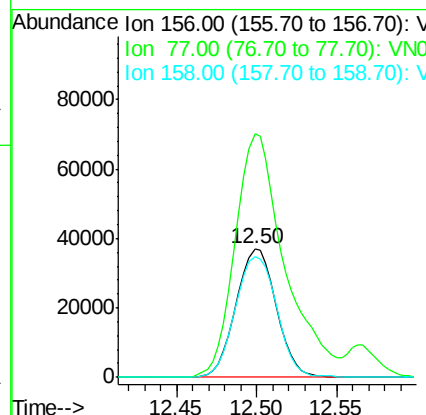
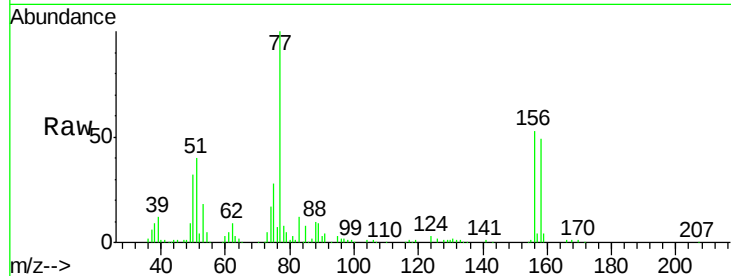
ClientSampleId :

VN1026WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		63663		
77	233.2	0.0	449.2		
158	96.8	0.0	191.0		

Manual Integrations
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#74

n-propylbenzene

Concen: 18.036 ug/l

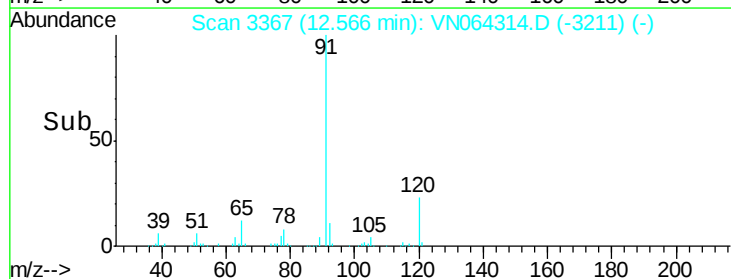
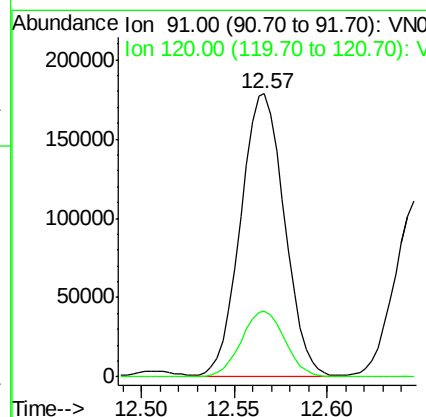
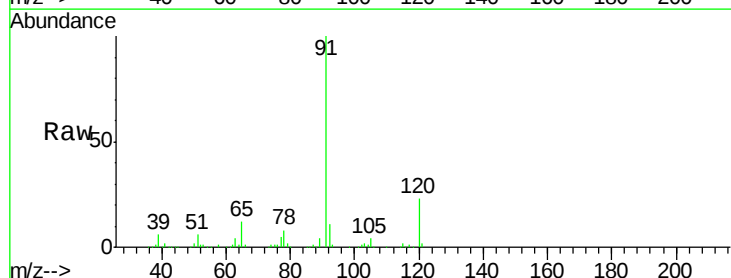
RT: 12.57 min Scan# 3367

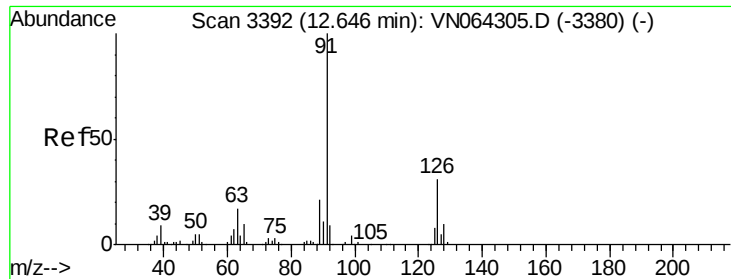
Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		293244		
120	23.0	0.0	44.2		





#75

2-Chlorotoluene

Concen: 18.415 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tot Ion: 91 Resp: 185155

Ion Ratio Lower Upper

91 100

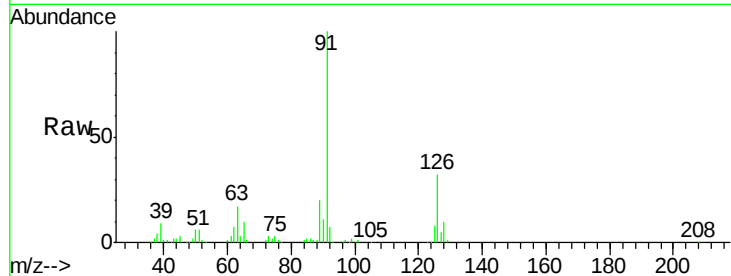
126 32.4 0.0 62.0

Manual Integrations

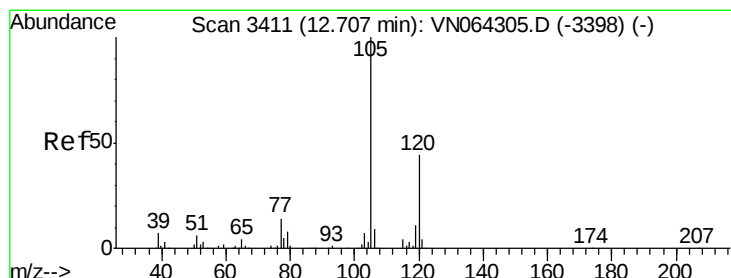
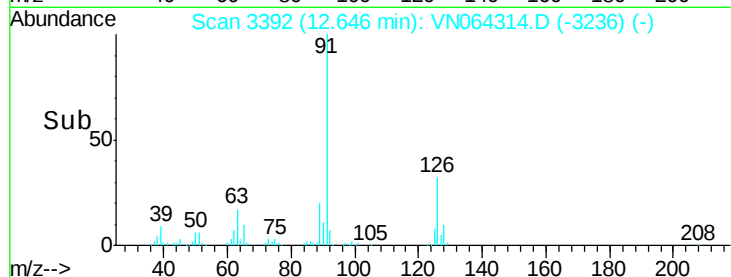
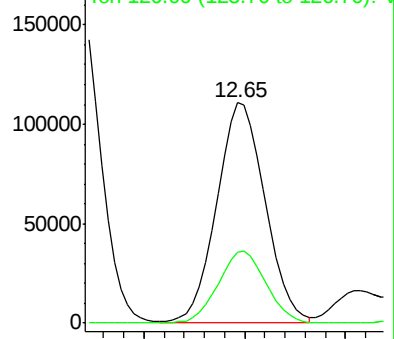
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Abundance Ion 91.00 (90.70 to 91.70): VN064314.D (-3236) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.473 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064314.D

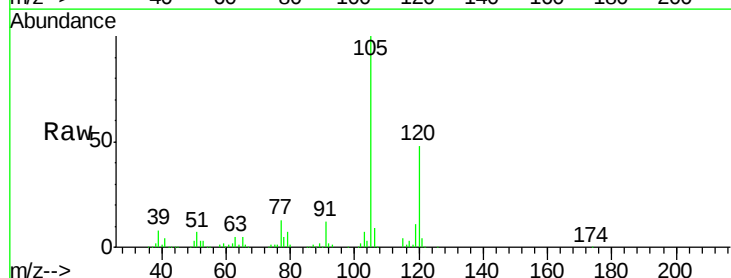
Acq: 26 Oct 2020 21:02

Tgt Ion: 105 Resp: 222863

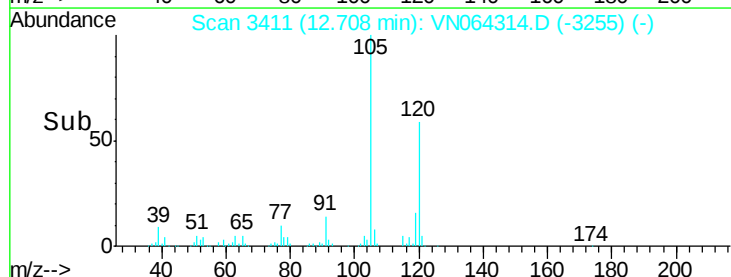
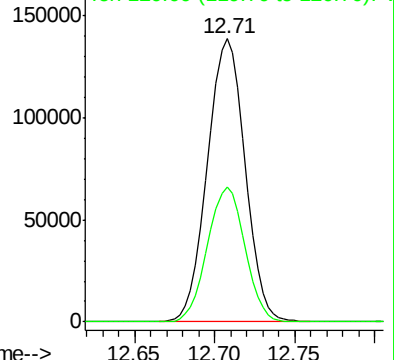
Ion Ratio Lower Upper

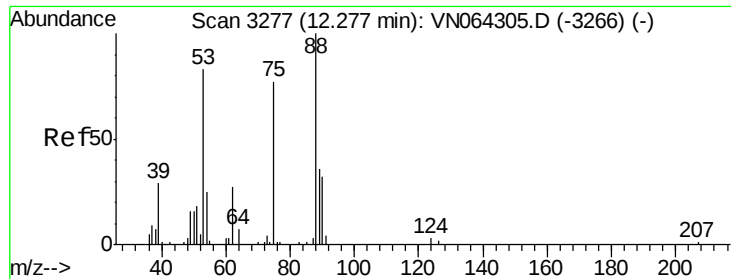
105 100

120 47.3 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): VN064314.D (-3255) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.538 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

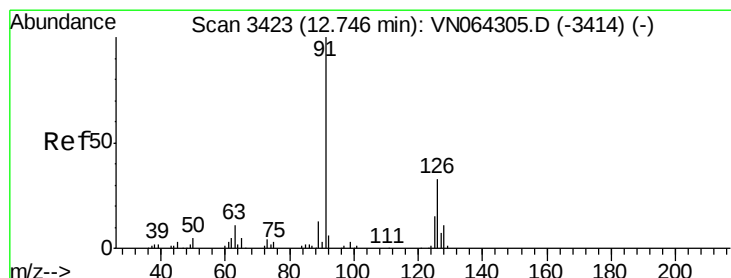
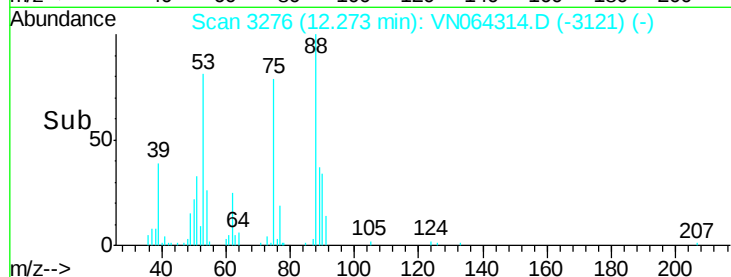
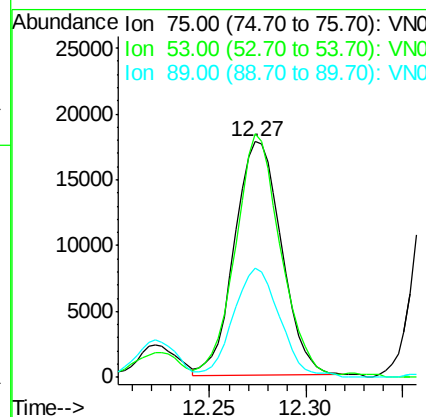
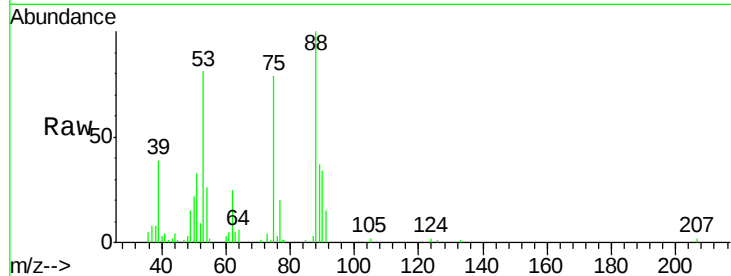
ClientSampleId :

VN1026WBSD01

Tot Ion:	75	Resp:	29959
Ion	Ratio	Lower	Upper
75	100		
53	103.5	51.0	153.0
89	47.2	24.8	74.3

Manual Integrations
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#78

4-Chlorotoluene

Concen: 18.215 ug/l

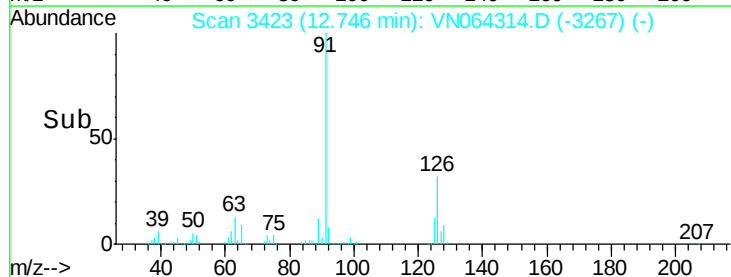
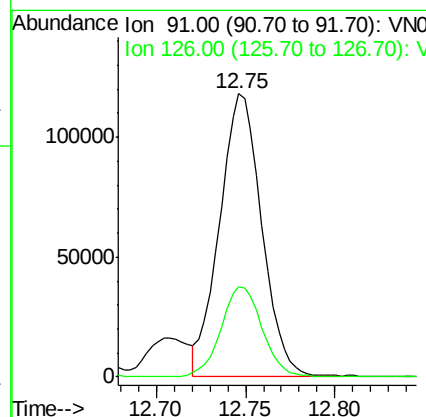
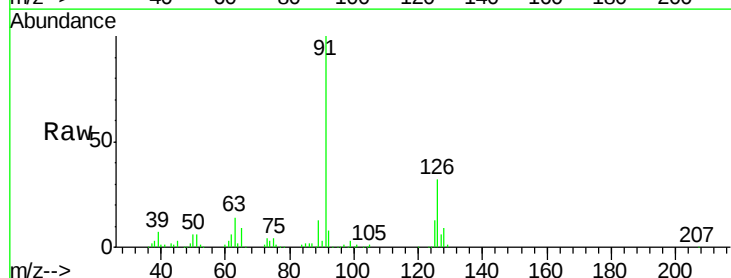
RT: 12.75 min Scan# 3423

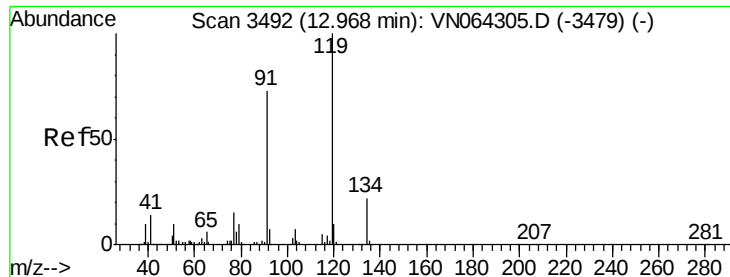
Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Tgt Ion:	91	Resp:	191656
Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	62.4





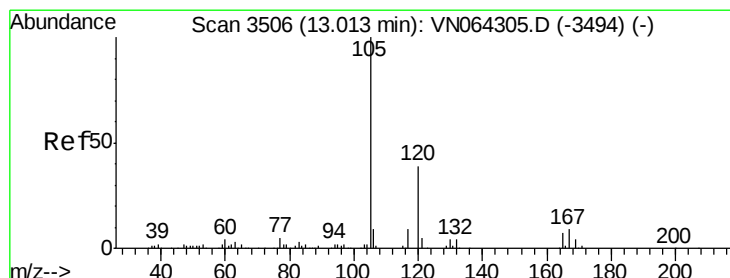
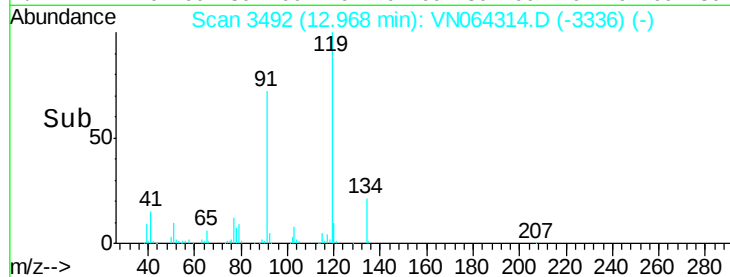
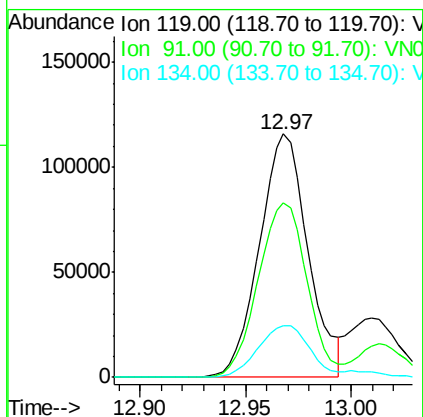
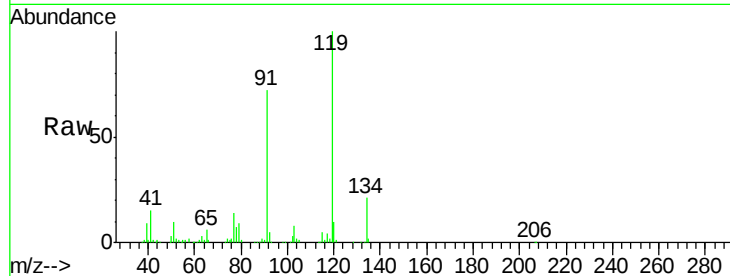
#79
tert-butylbenzene
Concen: 18.702 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	185941		
91	72.1	0.0	146.8	
134	22.2	0.0	48.6	

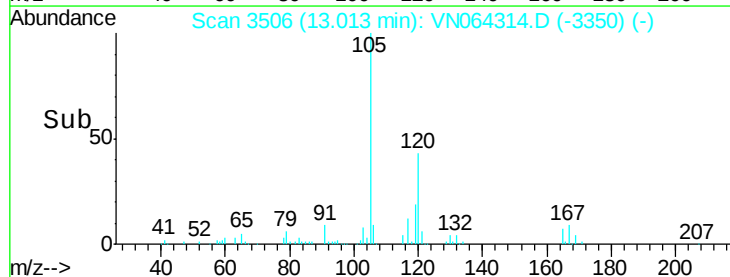
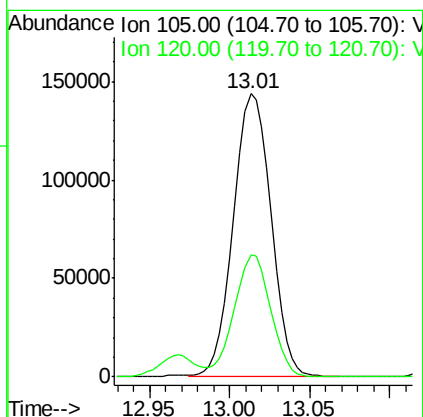
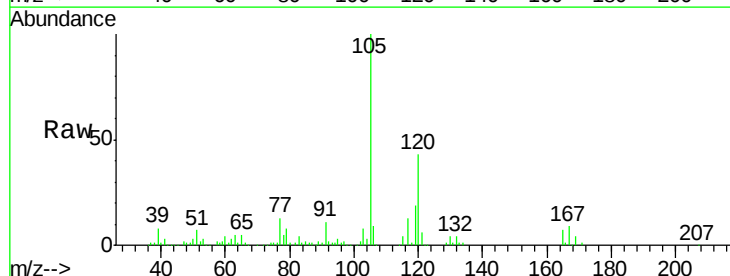
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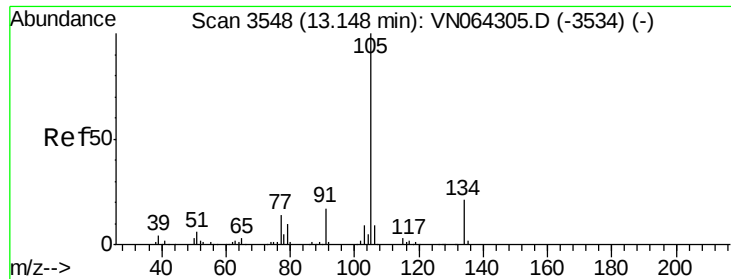
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 18.998 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231187		
120	40.9	0.0	87.0	





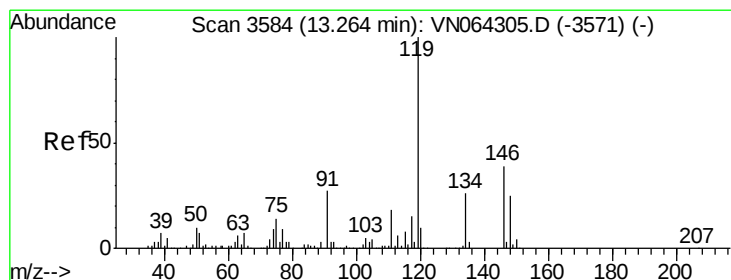
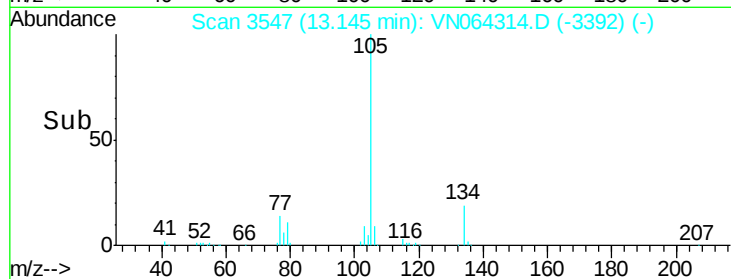
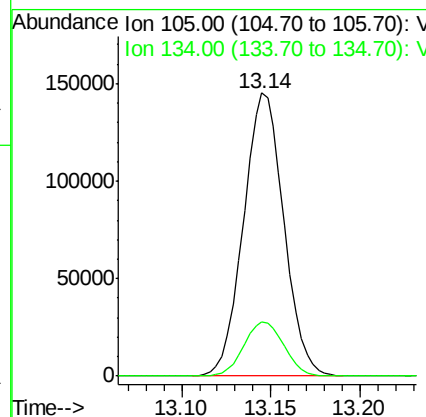
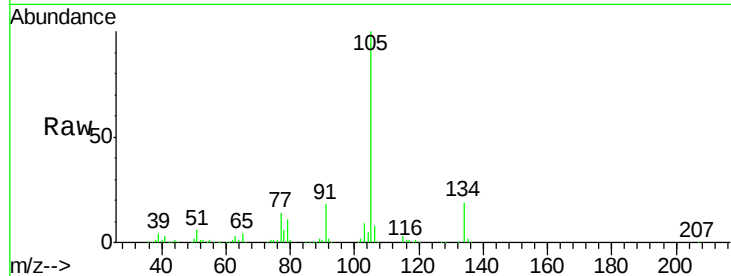
#81
 sec-Butylbenzene
 Concen: 17.812 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	229836		
134	19.1	0.0	38.4	

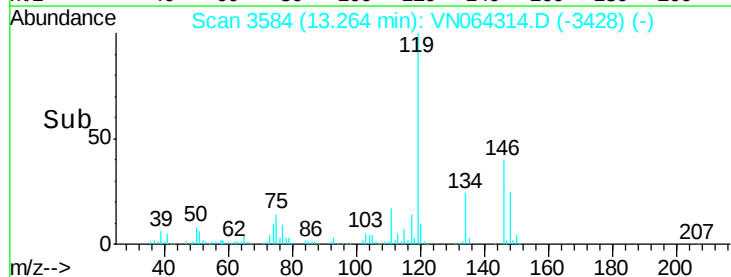
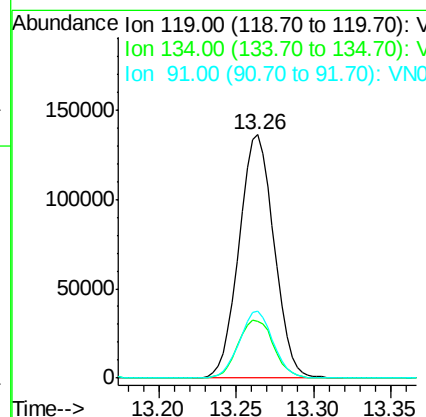
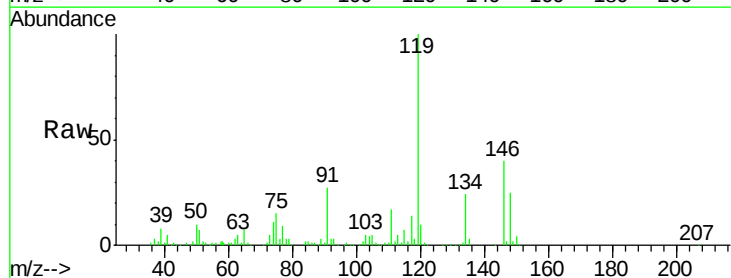
Manual Integrations
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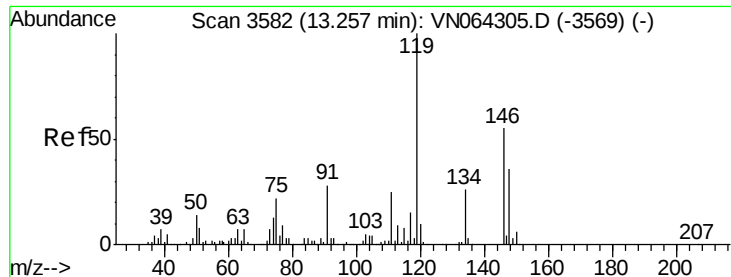
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#82
 p-Isopropyltoluene
 Concen: 18.023 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	213021		
134	24.5	0.0	52.2	
91	26.6	0.0	56.0	





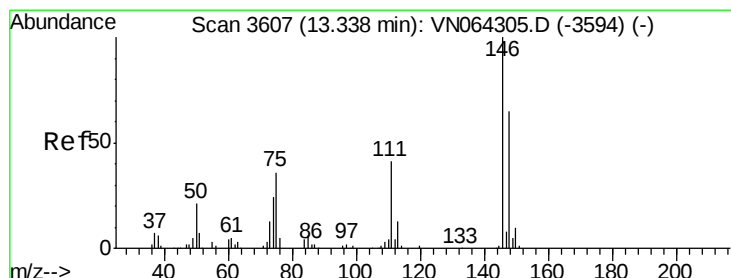
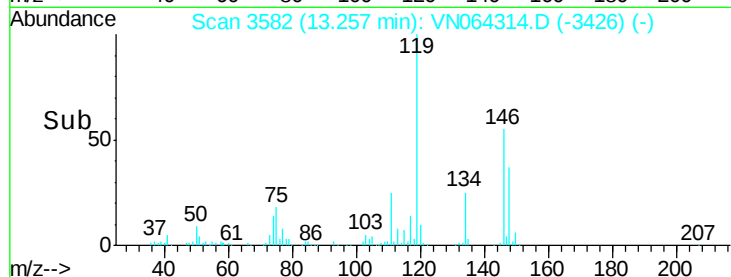
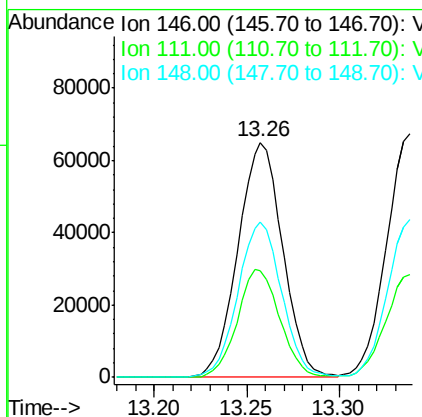
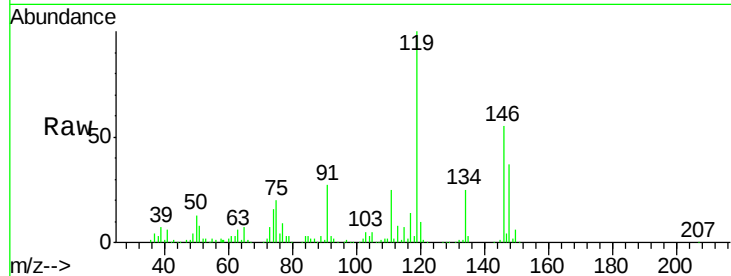
#83
 1,3-Dichlorobenzene
 Concen: 17.940 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.5	67.5
148	64.7	32.5	97.5

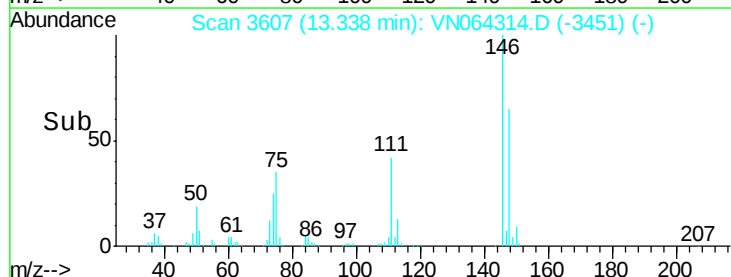
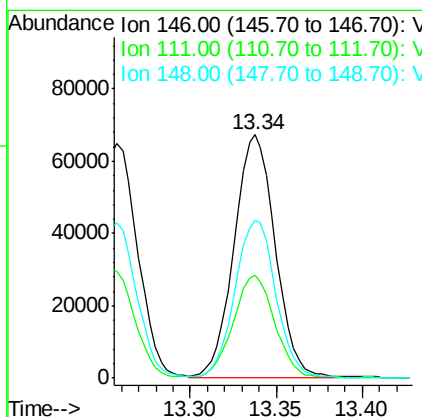
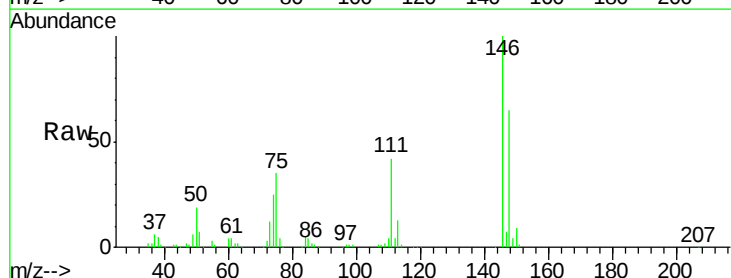
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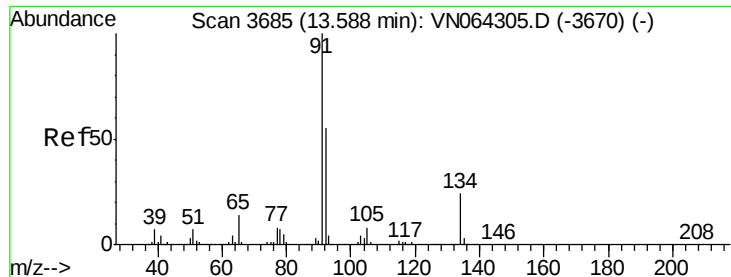
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#84
 1,4-Dichlorobenzene
 Concen: 18.483 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.6	64.8
148	64.5	32.4	97.0





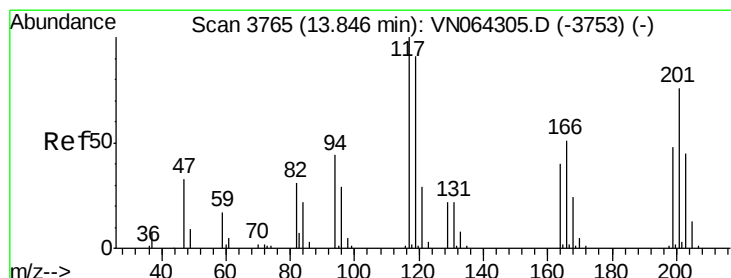
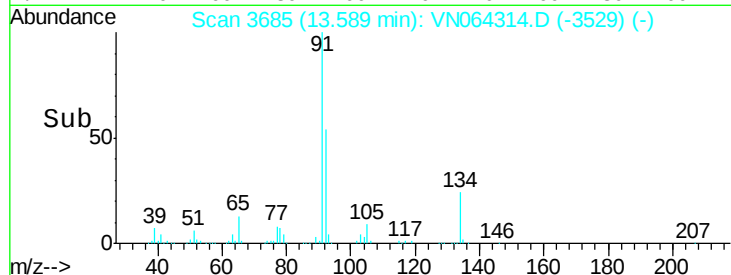
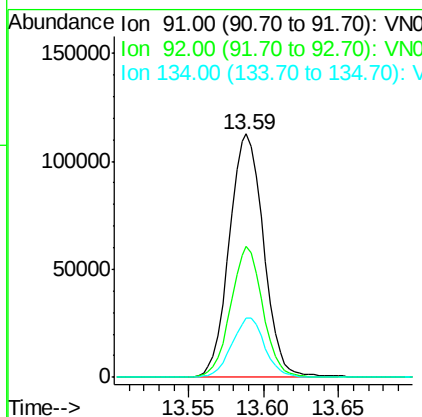
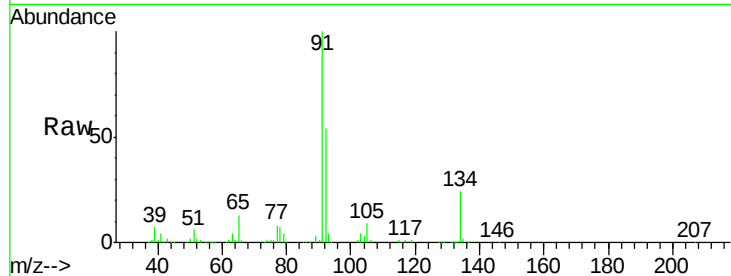
#85
n-Butylbenzene
Concen: 17.510 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	180469		
92	50.2	0.0	106.0	
134	23.5	0.0	46.4	

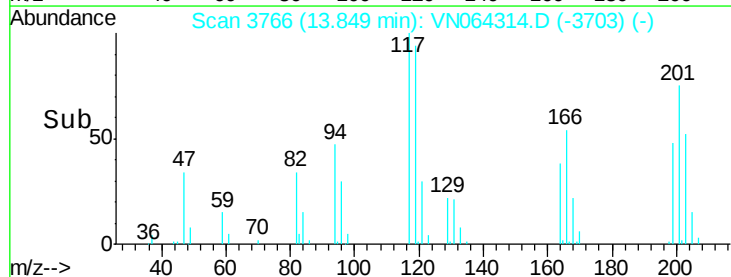
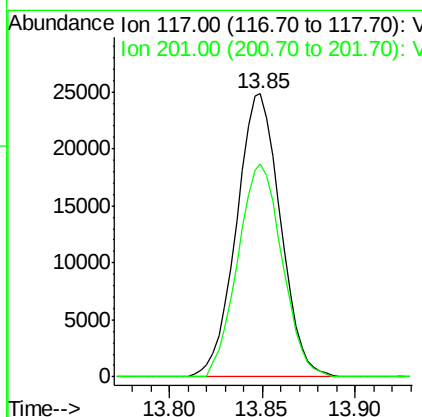
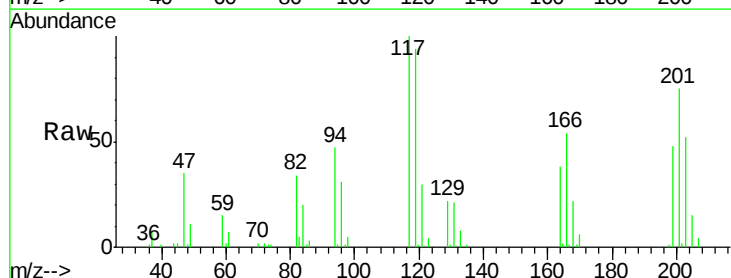
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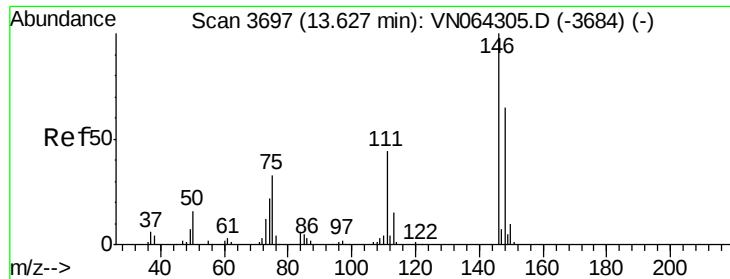
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#86
Hexachloroethane
Concen: 18.604 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41006		
201	75.4	39.6	118.7	





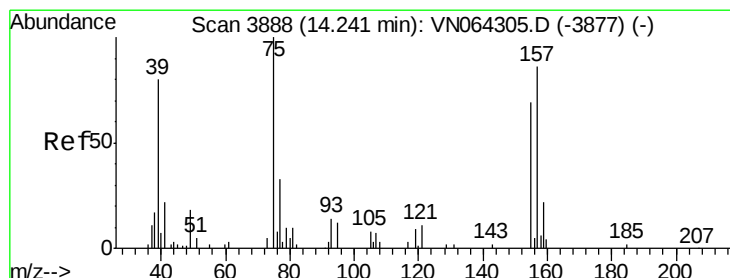
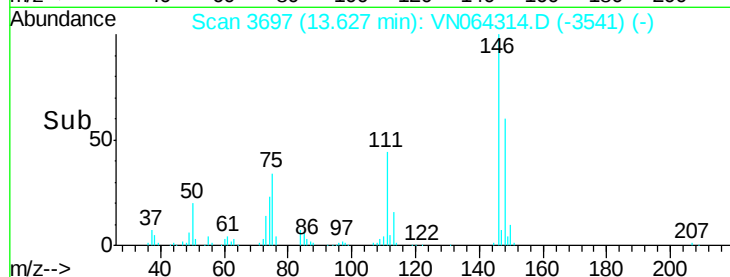
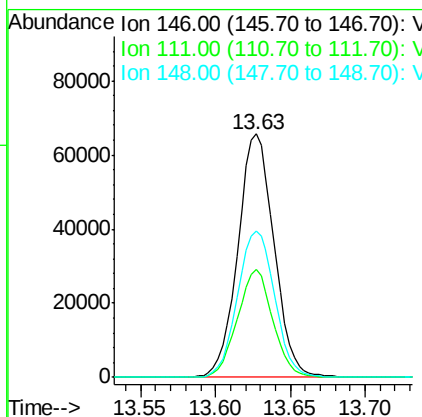
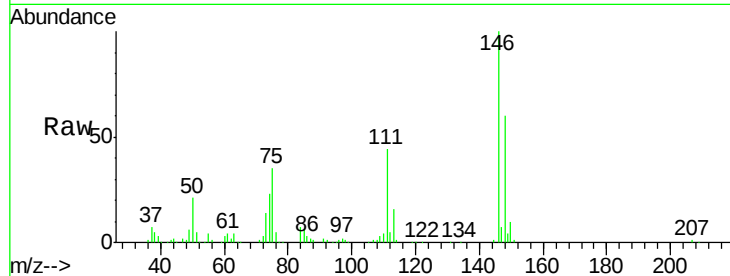
#87
 1,2-Dichlorobenzene
 Concen: 18.493 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.3	66.8
148	61.7	31.6	95.0

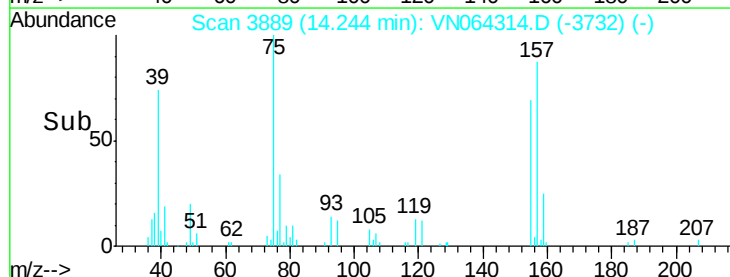
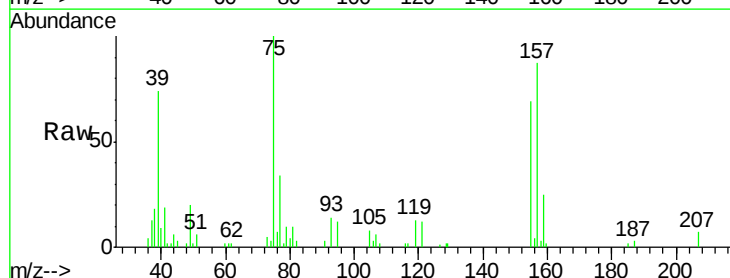
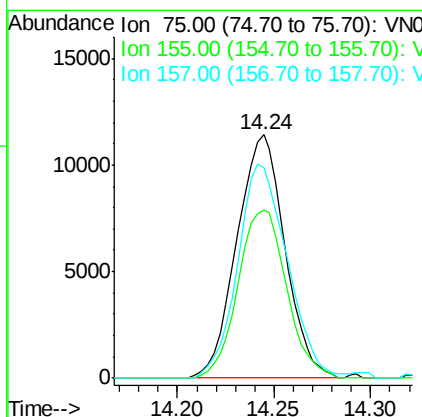
Manual Integrations
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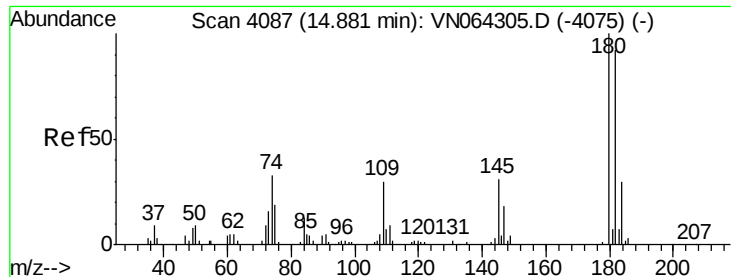
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.247 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	55.8	83.8
157	90.5	72.1	108.1





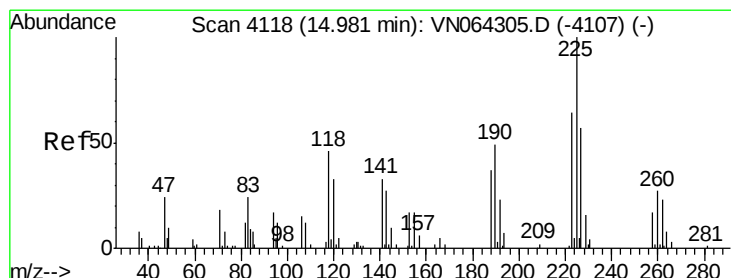
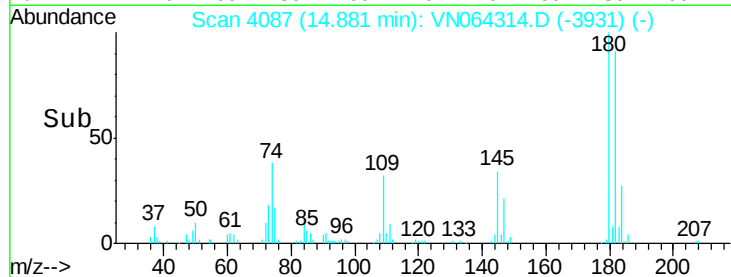
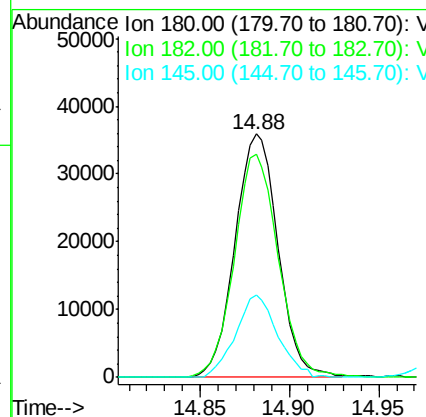
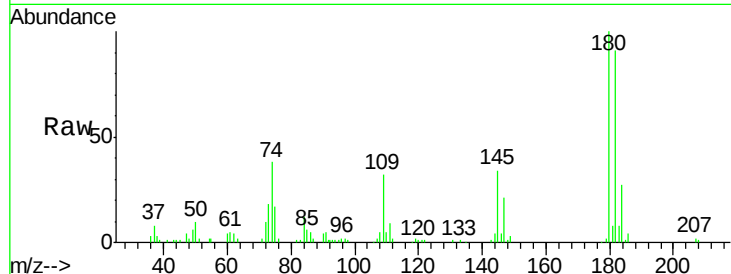
#89
 1,2,4-Trichlorobenzene
 Concen: 17.815 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.6	114.8
145	32.7	25.4	38.0

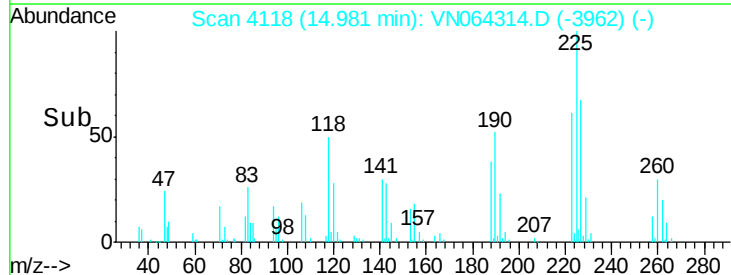
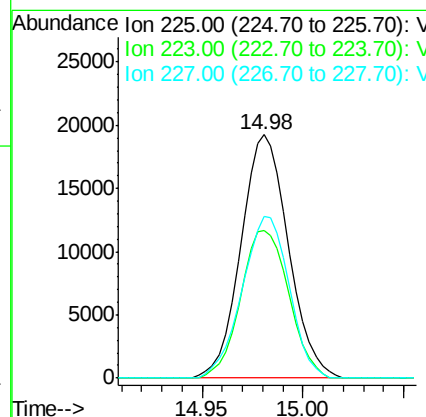
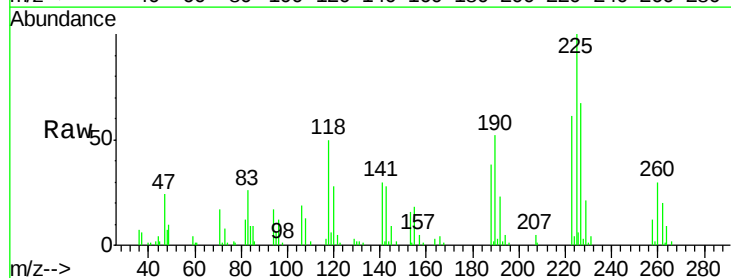
Manual Integrations
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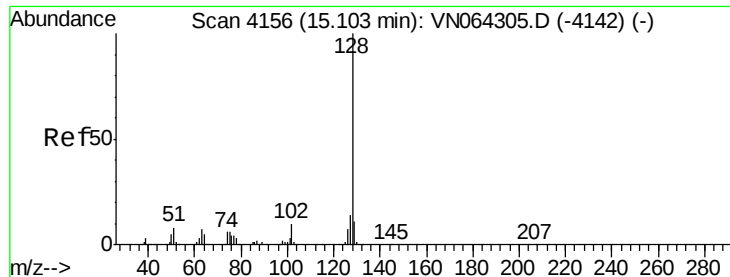
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#90
 Hexachlorobutadiene
 Concen: 17.394 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	0.0	122.0
227	65.7	0.0	118.0





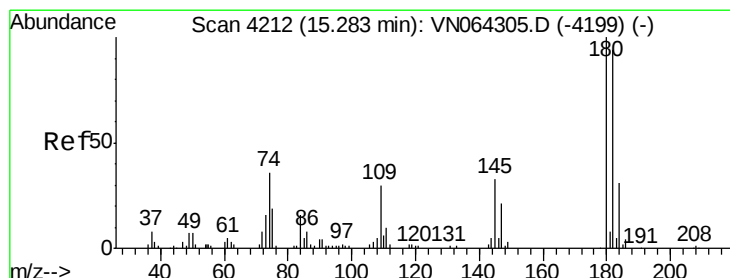
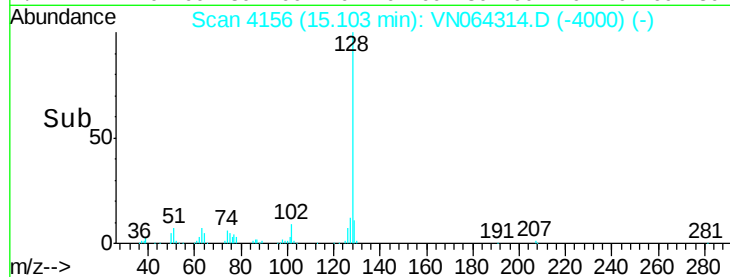
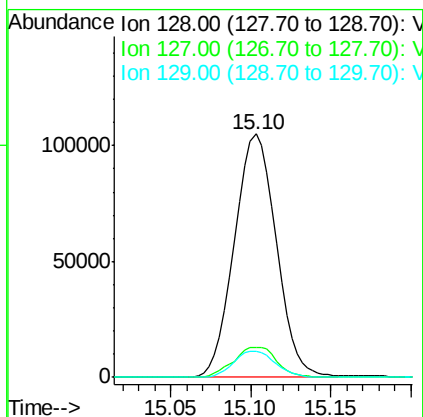
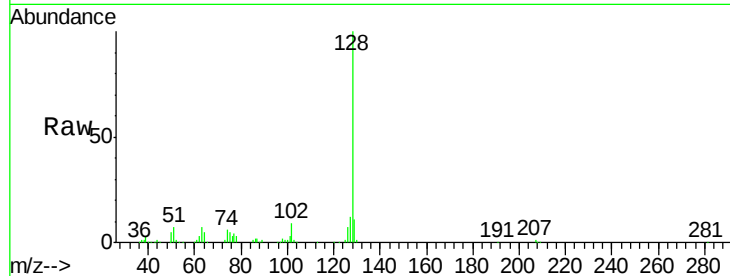
#91
Naphthalene
Concen: 18.383 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.8	16.2
129	10.6	8.8	13.2

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.247 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	0.0	190.0
145	35.0	0.0	67.8

