

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064600.D
 Acq On : 13 Nov 2020 00:06
 Operator : JC/MD
 Sample : VN1112WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:43:08 AM

Quant Time: Nov 13 04:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	272029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	466862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	251382	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.55	113	176675	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.06	98	639348	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	232946	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	61767	17.443	ug/l	96
3) Chloromethane	2.04	50	77699	18.065	ug/l	100
4) Vinyl Chloride	2.17	62	84703	19.177	ug/l	96
5) Bromomethane	2.54	94	60743	21.527	ug/l	99
6) Chloroethane	2.68	64	56526	19.989	ug/l	96
7) Trichlorofluoromethane	2.99	101	130701	20.096	ug/l	94
8) Diethyl Ether	3.38	74	46883	20.412	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	57592	18.647	ug/l	99
10) Methyl Iodide	3.91	142	68210	19.006	ug/l	97
11) Tert butyl alcohol	4.76	59	56628	108.371	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	54820	18.843	ug/l	96
13) Acrolein	3.57	56	23233	71.679	ug/l	93
14) Allyl chloride	4.27	41	99422	17.470	ug/l	99
15) Acrylonitrile	4.94	53	155960	107.203	ug/l	98
16) Acetone	3.78	43	148903	82.499	ug/l	100
17) Carbon Disulfide	4.00	76	158177	18.181	ug/l	100
18) Methyl Acetate	4.28	43	85994	24.234	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	192715	18.405	ug/l	98
20) Methylene Chloride	4.50	84	68979	19.262	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	61434	18.598	ug/l	99
22) Diisopropyl ether	5.91	45	220290	18.235	ug/l	96
23) Vinyl Acetate	5.85	43	879537	89.495	ug/l	99
24) 1,1-Dichloroethane	5.80	63	123393	18.587	ug/l	99
25) 2-Butanone	6.79	43	222313	96.670	ug/l	100
26) 2,2-Dichloropropane	6.78	77	93491	15.557	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	70907	18.525	ug/l	95
28) Bromochloromethane	7.15	49	64478	19.760	ug/l	99
29) Tetrahydrofuran	7.17	42	141352	100.184	ug/l	97
30) Chloroform	7.33	83	137558	19.713	ug/l	97
31) Cyclohexane	7.61	56	94498	16.406	ug/l #	87
32) 1,1,1-Trichloroethane	7.53	97	121344	19.606	ug/l	100
36) 1,1-Dichloropropene	7.75	75	91255	17.014	ug/l	99
37) Ethyl Acetate	6.89	43	94032	17.772	ug/l	98
38) Carbon Tetrachloride	7.73	117	103565	18.067	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	76145	15.837	ug/l	92
40) Benzene	8.00	78	275825	17.500	ug/l	100
41) Methacrylonitrile	7.13	41	44508	18.717	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	118871	18.689	ug/l	100
43) Isopropyl Acetate	8.13	43	159256	18.322	ug/l	99
44) Trichloroethene	8.80	130	69095	17.376	ug/l	99
45) 1,2-Dichloropropane	9.08	63	77436	18.413	ug/l	98
46) Dibromomethane	9.17	93	53962	19.492	ug/l	97
47) Bromodichloromethane	9.37	83	111228	18.686	ug/l	99
48) Methyl methacrylate	9.17	41	79505	18.126	ug/l	98
49) 1,4-Dioxane	9.17	88	23012	398.328	ug/l	92
51) 4-Methyl-2-Pentanone	9.96	43	505692	99.760	ug/l	99
52) Toluene	10.13	92	171178	17.807	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	104989	16.636	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	113887	16.879	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	72621	19.371	ug/l	99
56) Ethyl methacrylate	10.40	69	92518	16.288	ug/l	96
57) 1,3-Dichloropropane	10.68	76	119421	18.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	256389	101.927	ug/l	98
59) 2-Hexanone	10.72	43	358431	89.344	ug/l	99
60) Dibromochloromethane	10.87	129	77278	18.411	ug/l	96
61) 1,2-Dibromoethane	10.98	107	72460	19.055	ug/l	100
64) Tetrachloroethene	10.60	164	64329	17.888	ug/l	99
65) Chlorobenzene	11.41	112	180977	17.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	73612	19.279	ug/l	99
67) Ethyl Benzene	11.49	91	309684	17.011	ug/l	100
68) m/p-Xylenes	11.59	106	226530	34.311	ug/l	98
69) o-Xylene	11.92	106	106552	16.702	ug/l	97
70) Styrene	11.94	104	188107	17.522	ug/l	100
71) Bromoform	12.10	173	51471	18.771	ug/l #	97
73) Isopropylbenzene	12.22	105	284064	16.740	ug/l	99
74) N-amyl acetate	12.05	43	125138	16.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	102572	19.679	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	101881m	19.696	ug/l	
77) Bromobenzene	12.50	156	73208	17.671	ug/l	98
78) n-propylbenzene	12.57	91	327785	16.943	ug/l	100
79) 2-Chlorotoluene	12.65	91	213572	17.406	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	242805	17.344	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	29300	15.815	ug/l	90
82) 4-Chlorotoluene	12.75	91	218424	16.998	ug/l	97
83) tert-Butylbenzene	12.97	119	188373	17.229	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	241375	17.152	ug/l	99
85) sec-Butylbenzene	13.15	105	240257	17.351	ug/l	99
86) p-Isopropyltoluene	13.26	119	212316	17.047	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	126651	17.685	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	123178	16.643	ug/l	98
89) n-Butylbenzene	13.59	91	180239	16.831	ug/l	96
90) Hexachloroethane	13.85	117	46087	19.182	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	124969	18.141	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22086	21.283	ug/l	97

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ClientSampleId :
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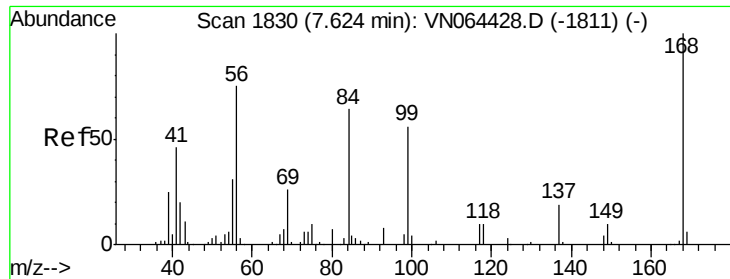
Manual Integrations
APPROVED

MMDadoda
11/13/2020 11:43:08 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	49616	16.375	ug/l	97
94) Hexachlorobutadiene	14.98	225	27651	19.715	ug/l	97
95) Naphthalene	15.11	128	155608	15.949	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	52339	17.690	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion:168 Resp: 272029

Ion Ratio Lower Upper

168 100

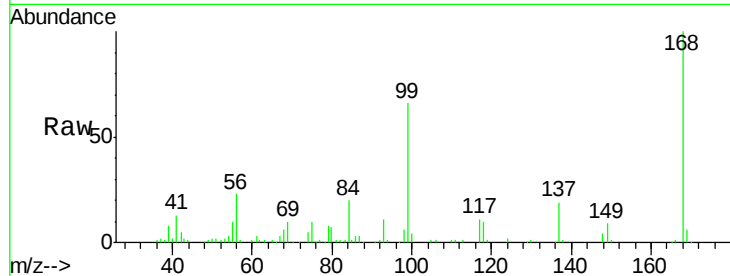
99 65.4 53.4 80.2

Manual Integrations

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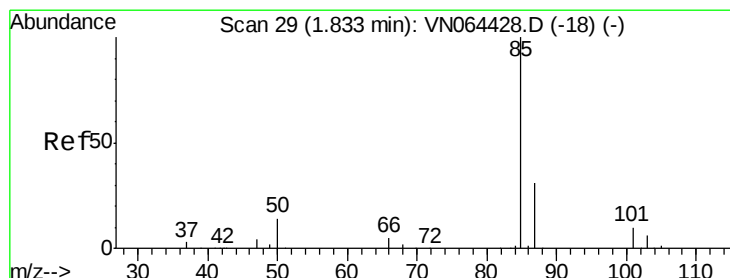
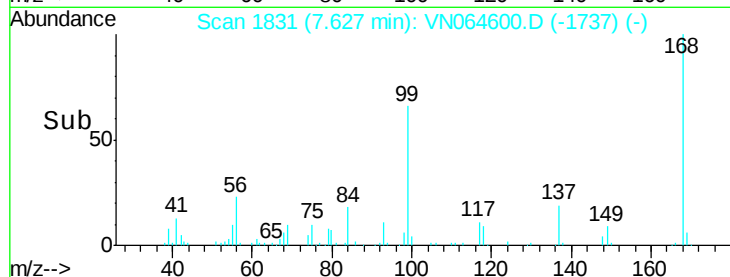
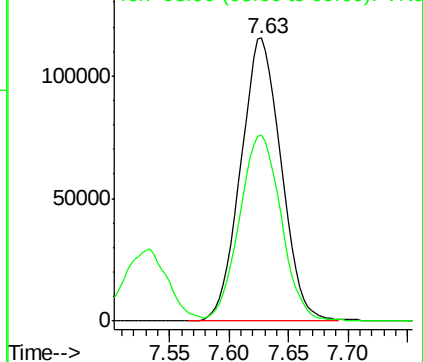
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.443 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064600.D

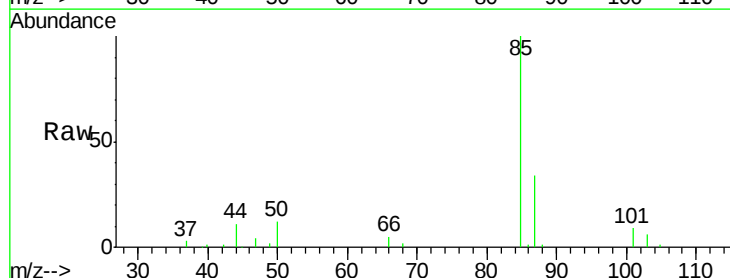
Acq: 13 Nov 2020 00:06

Tgt Ion: 85 Resp: 61767

Ion Ratio Lower Upper

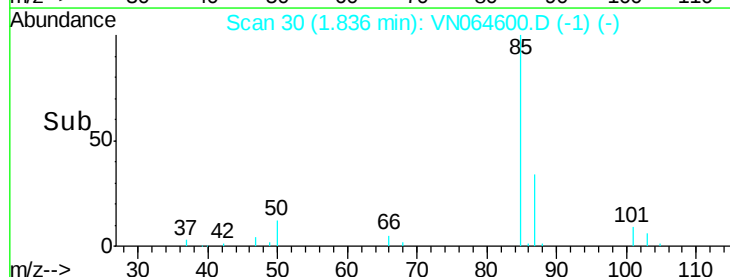
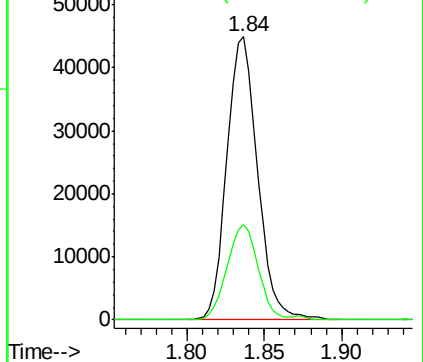
85 100

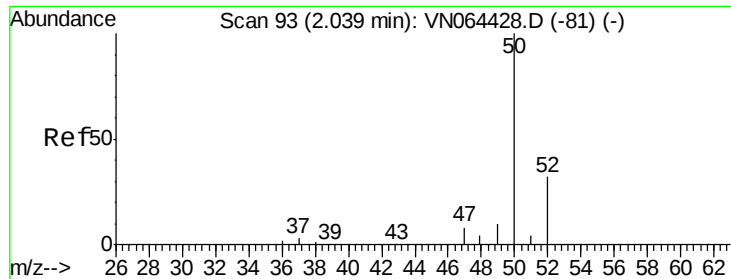
87 33.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.065 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion: 50 Resp: 77699

Ion Ratio Lower Upper

50 100

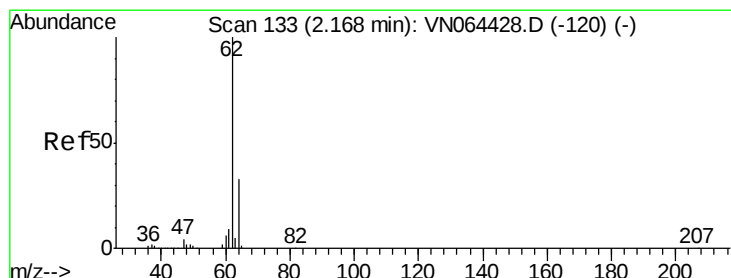
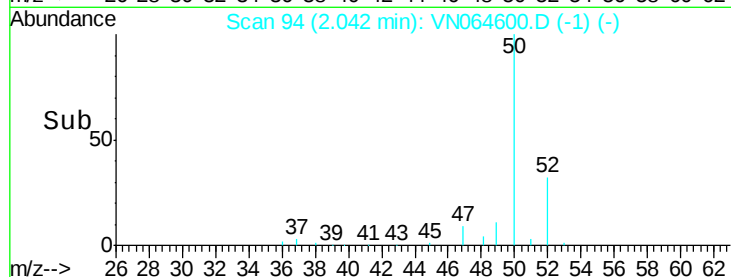
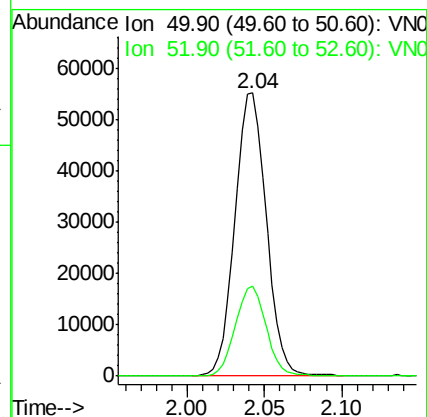
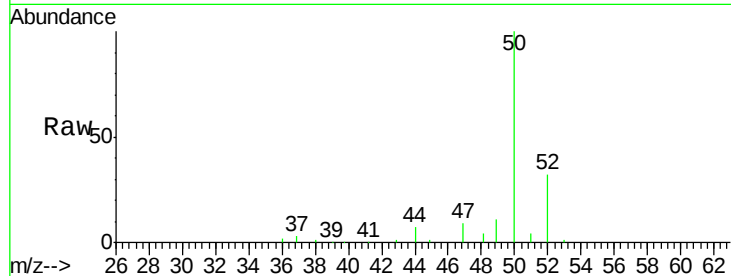
52 31.7 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.177 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064600.D

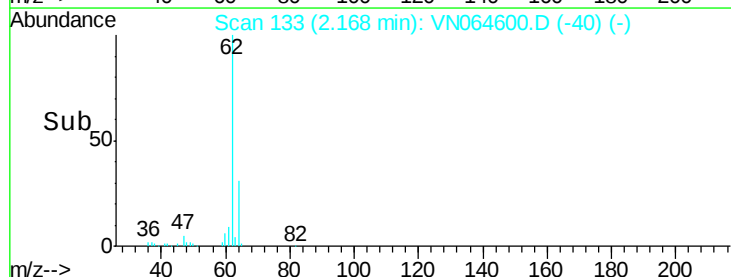
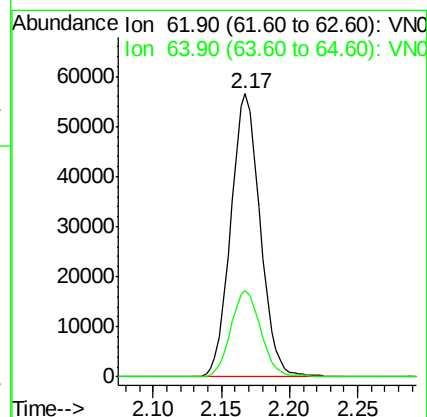
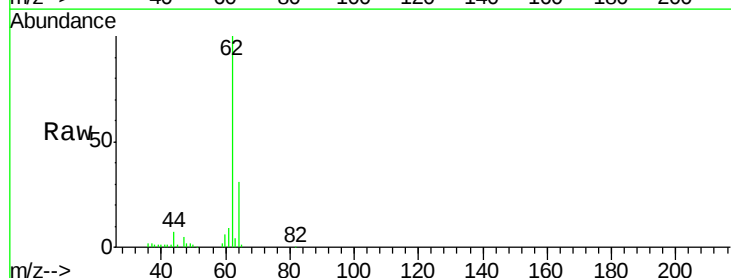
Acq: 13 Nov 2020 00:06

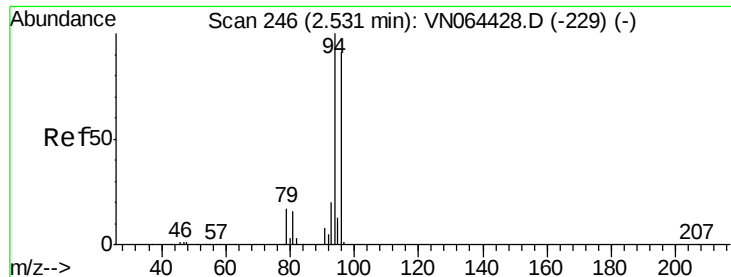
Tgt Ion: 62 Resp: 84703

Ion Ratio Lower Upper

62 100

64 30.5 26.3 39.5





#5

Bromomethane

Concen: 21.527 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion: 94 Resp: 60743

Ion Ratio Lower Upper

94 100

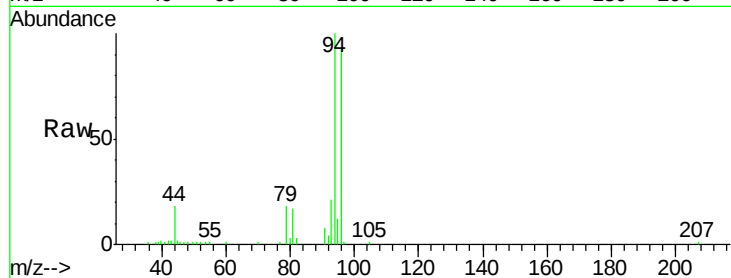
96 92.1 73.1 109.7

Manual Integrations

APPROVED

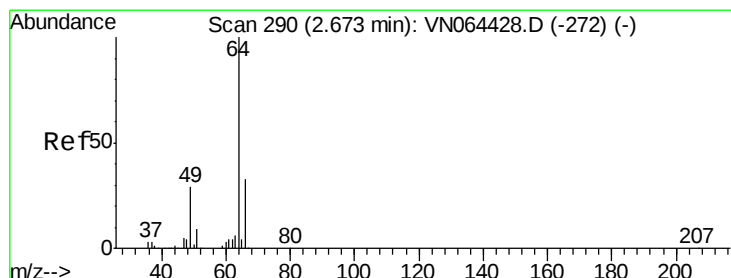
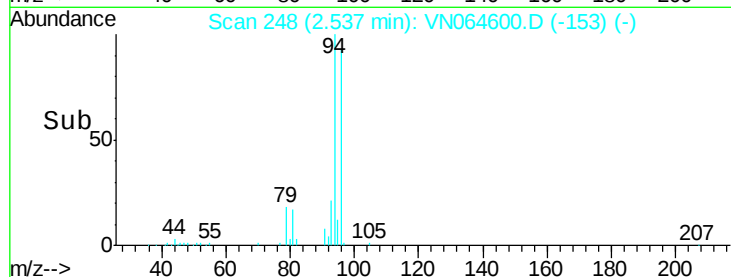
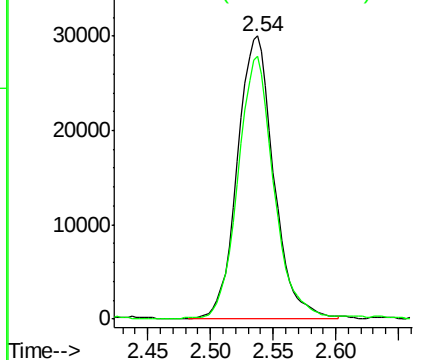
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Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 19.989 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064600.D

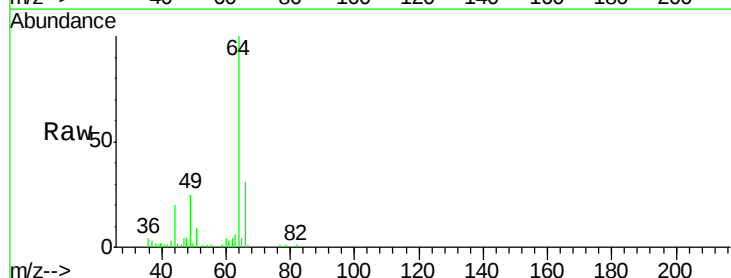
Acq: 13 Nov 2020 00:06

Tgt Ion: 64 Resp: 56526

Ion Ratio Lower Upper

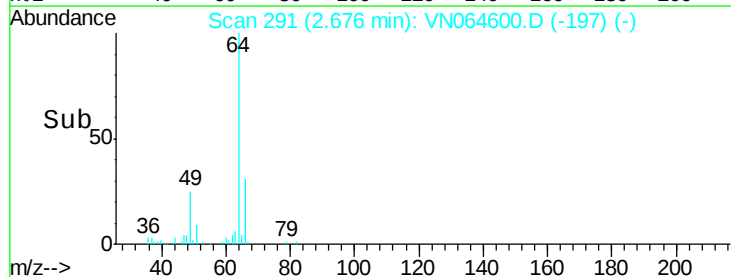
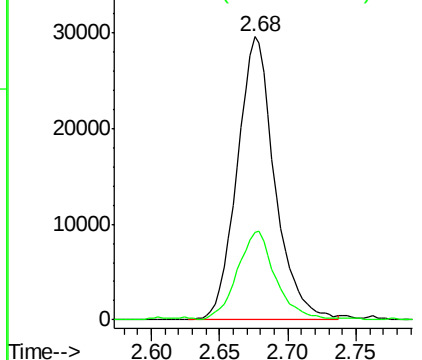
64 100

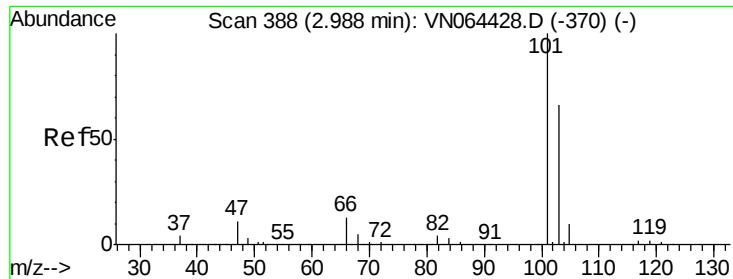
66 30.2 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC





#7

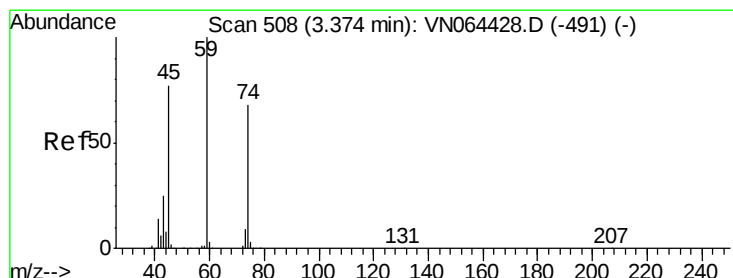
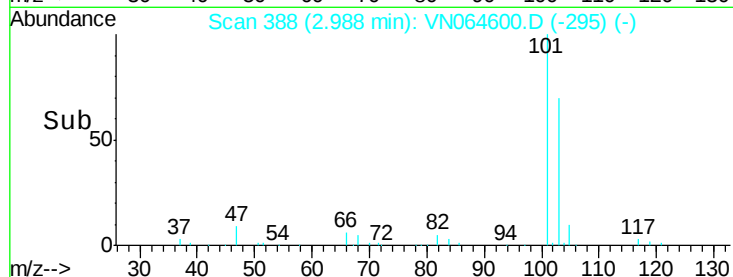
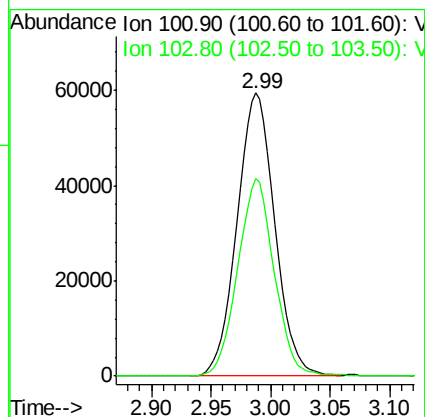
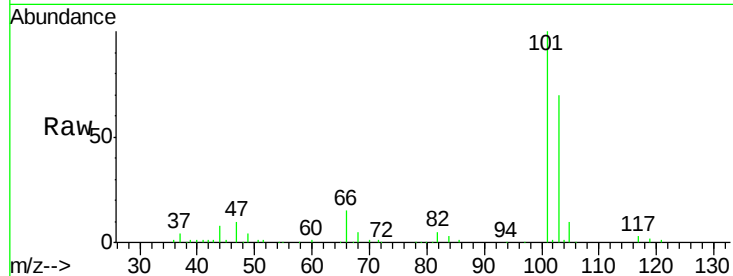
Trichlorofluoromethane
Concen: 20.096 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

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Tot Ion	101	Resp	130701
Ion	Ratio	Lower	Upper
101	100		
103	69.9	52.4	78.6

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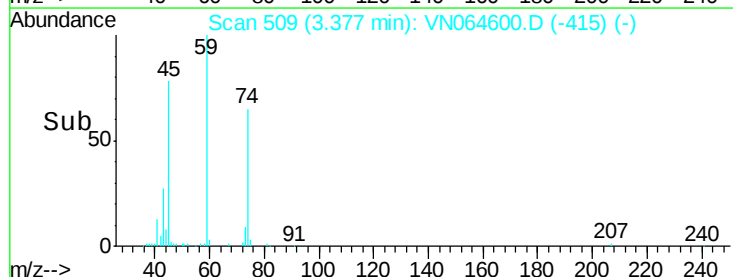
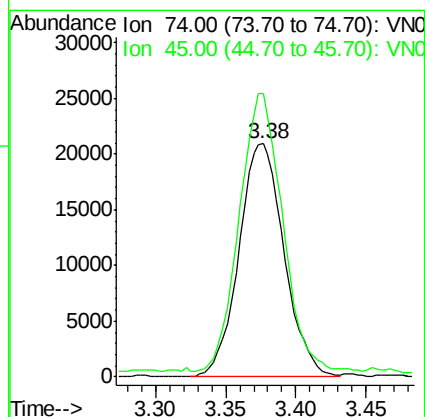
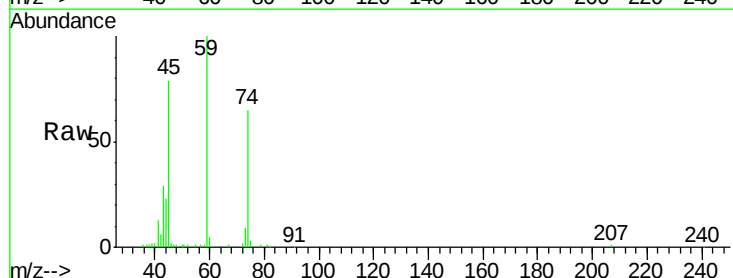
MMDadoda
11/13/2020 11:43:08 AM

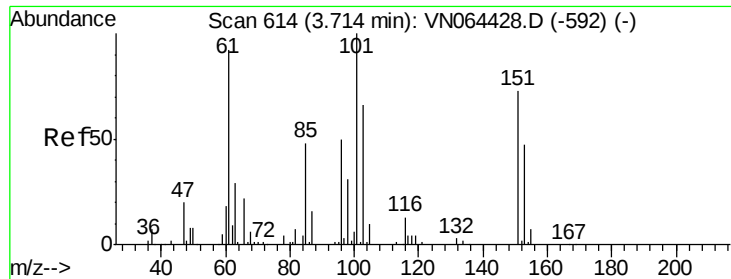


#8

Diethyl Ether
Concen: 20.412 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	74	Resp	46883
Ion	Ratio	Lower	Upper
74	100		
45	112.8	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.647 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

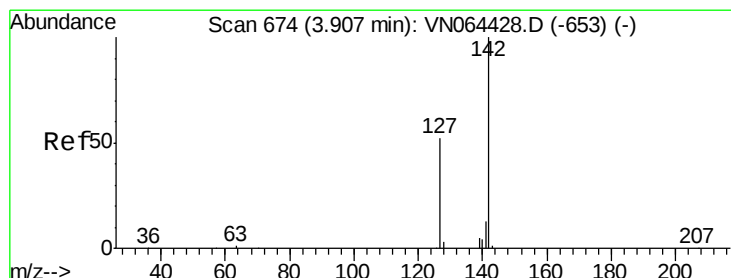
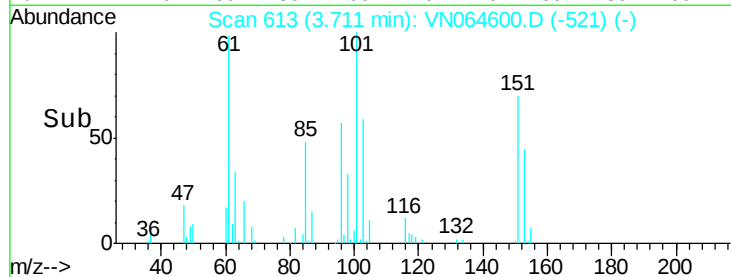
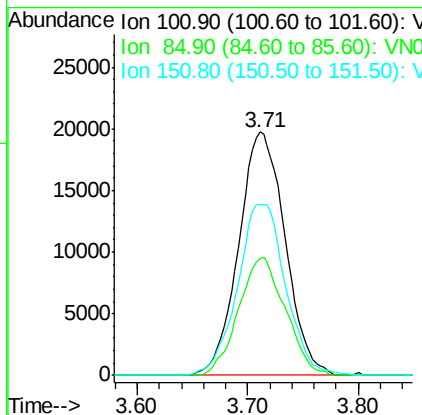
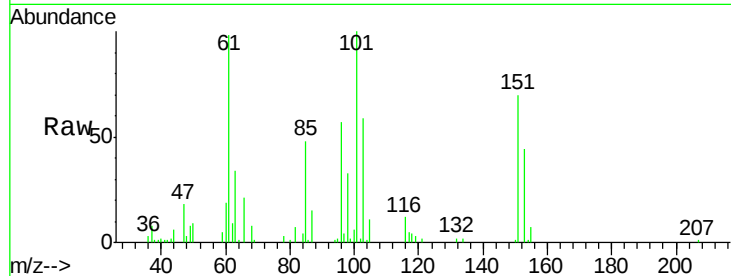
ClientSampleId :

VN1112WBS02

Tot Ion:	101	Resp:	57592
Ion Ratio	Lower	Upper	
101	100		
85	48.7	38.6	57.8
151	73.0	57.5	86.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.006 ug/l

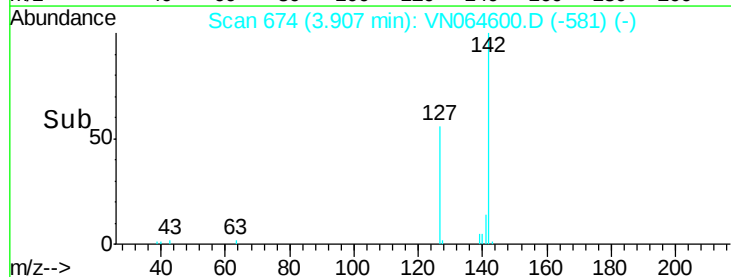
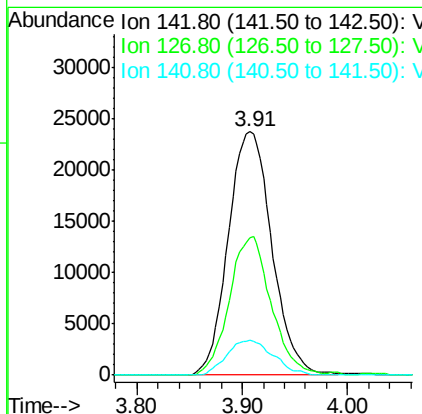
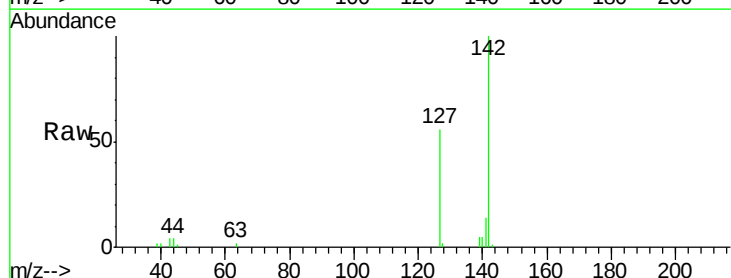
RT: 3.91 min Scan# 674

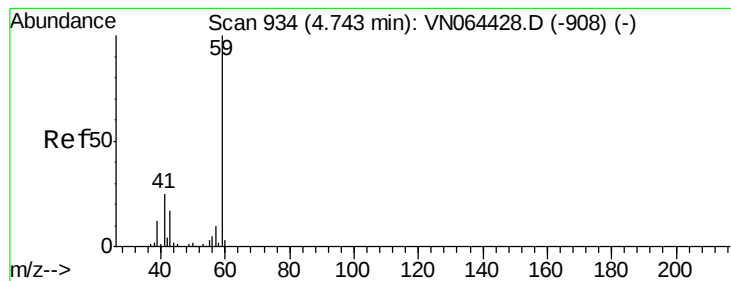
Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Tgt Ion:	142	Resp:	68210
Ion Ratio	Lower	Upper	
142	100		
127	54.2	41.8	62.8
141	15.1	11.4	17.2





#11

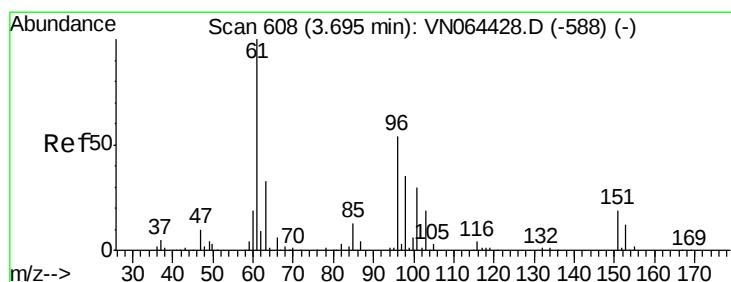
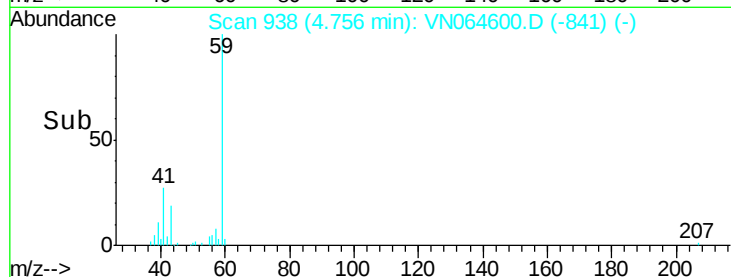
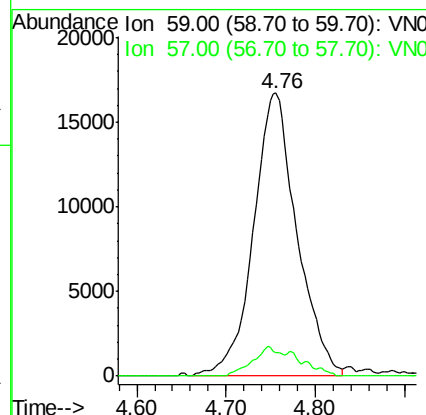
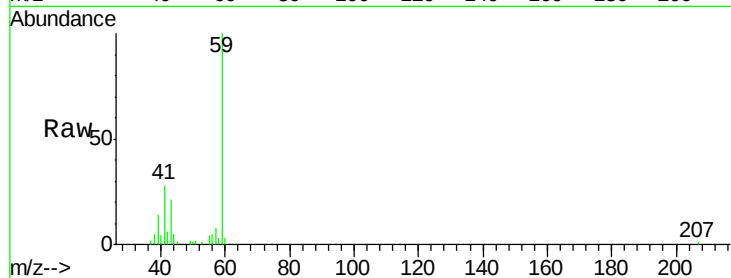
Tert butyl alcohol
Concen: 108.371 ug/l
RT: 4.76 min Scan# 938
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	56628		
57	6.8	9.0	13.4	

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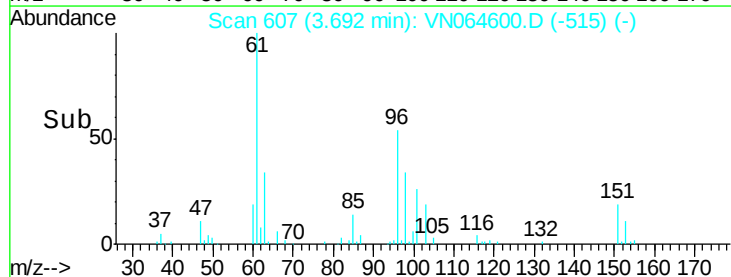
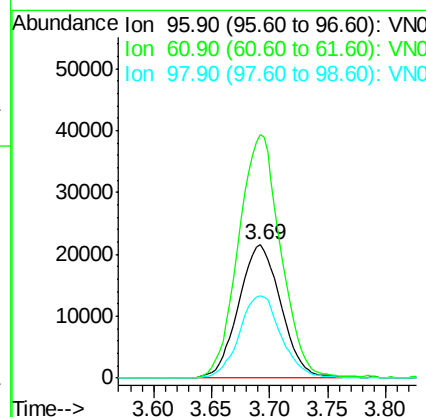
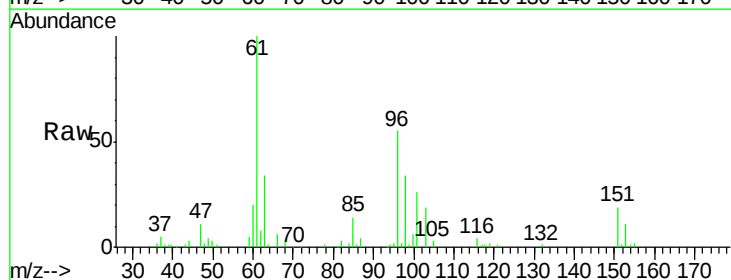
MMDadoda
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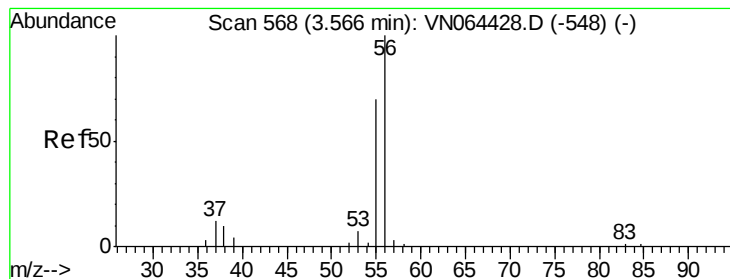


#12

1,1-Dichloroethene
Concen: 18.843 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	54820		
61	182.5	149.5	224.3	
98	61.4	52.4	78.6	





#13

Acrolein

Concen: 71.679 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion: 56 Resp: 23233

Ion Ratio Lower Upper

56 100

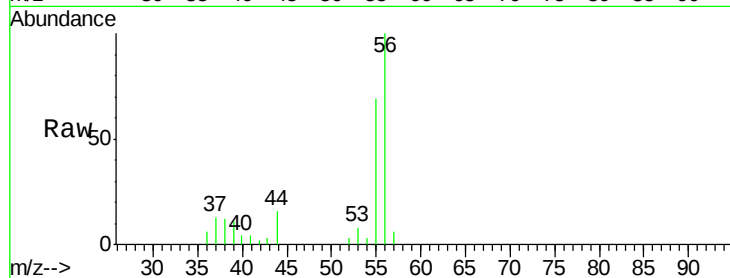
55 75.3 55.9 83.9

Manual Integrations

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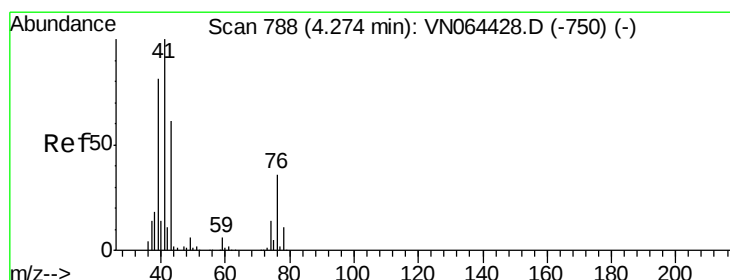
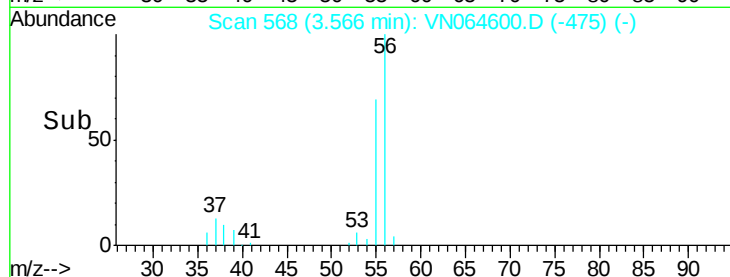
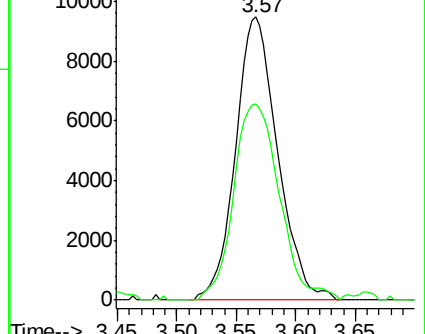
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.470 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

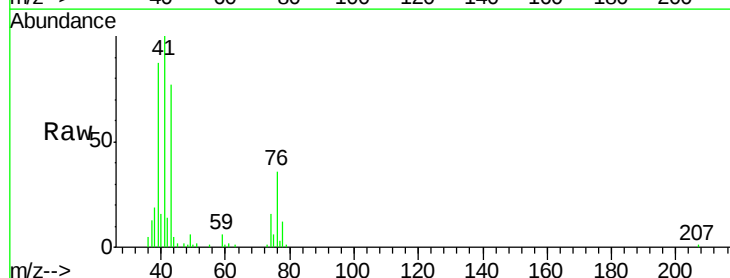
Tgt Ion: 41 Resp: 99422

Ion Ratio Lower Upper

41 100

39 76.8 61.8 92.8

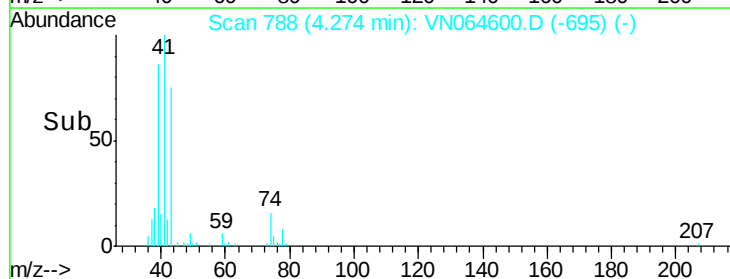
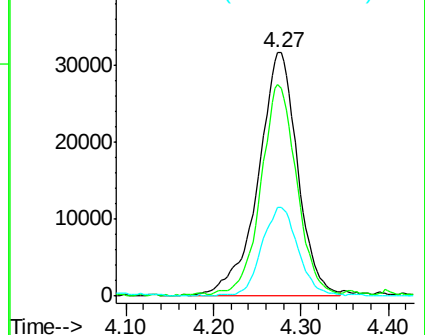
76 33.3 25.4 38.0

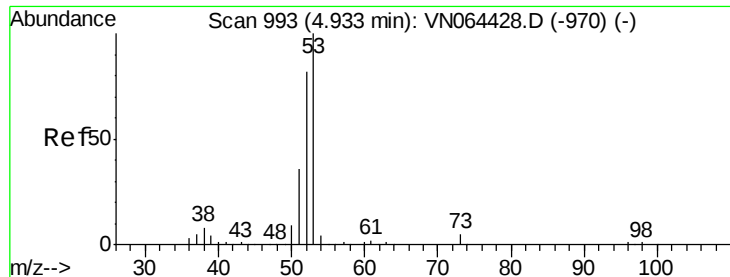


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 107.203 ug/l

RT: 4.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

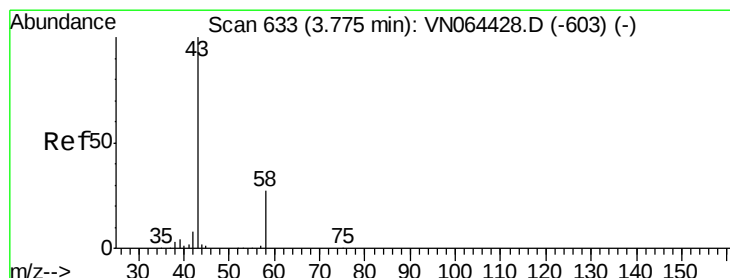
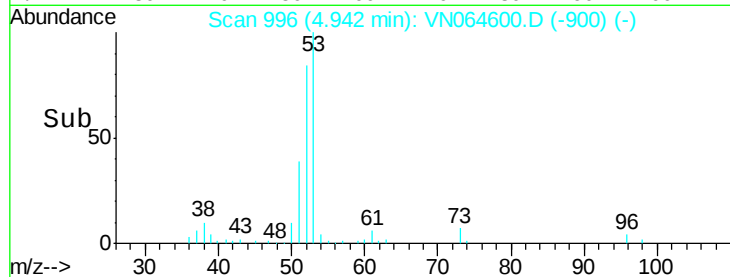
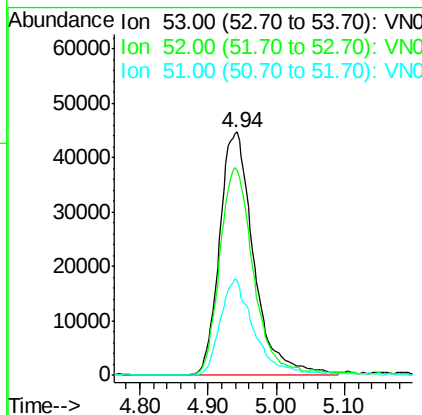
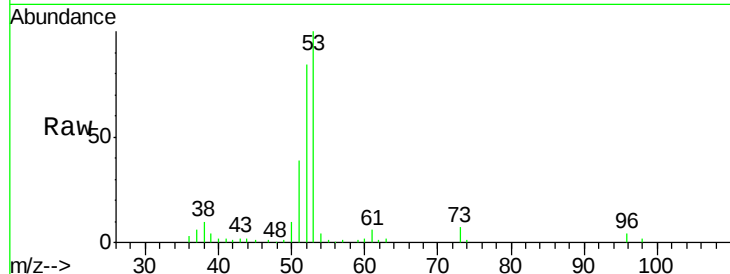
ClientSampleId :

VN1112WBS02

Tot Ion:	53	Resp:	155960
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.6	98.4
51	38.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 82.499 ug/l

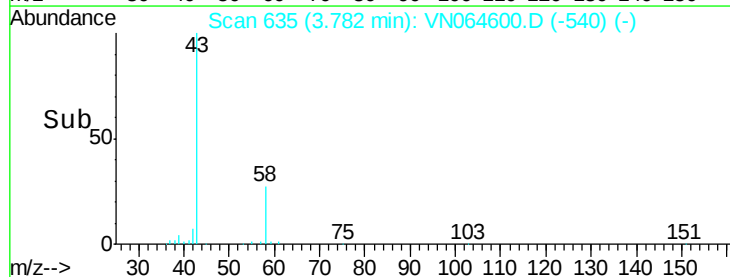
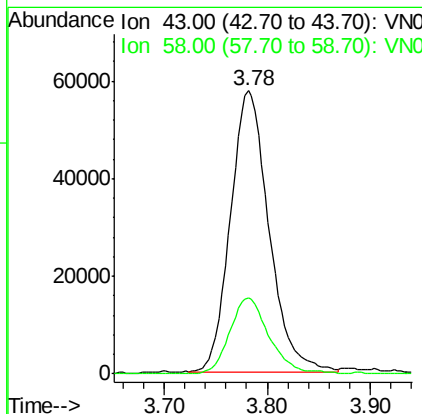
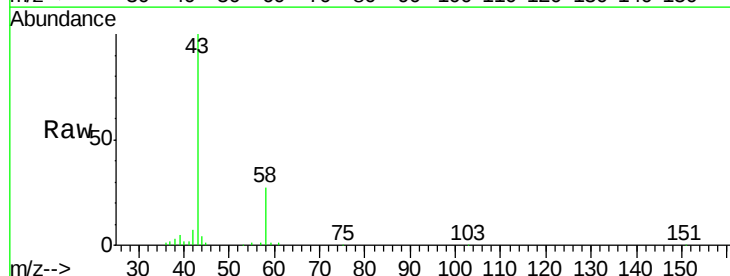
RT: 3.78 min Scan# 635

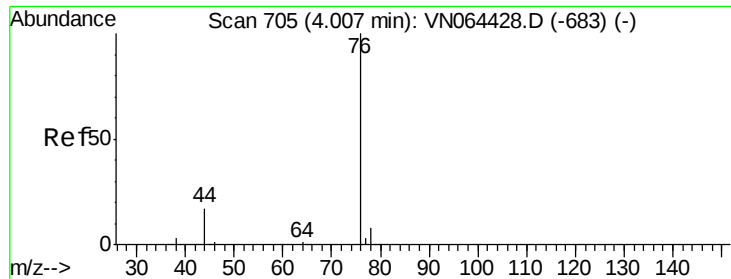
Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Tgt Ion:	43	Resp:	148903
Ion	Ratio	Lower	Upper
43	100		
58	26.9	21.4	32.0





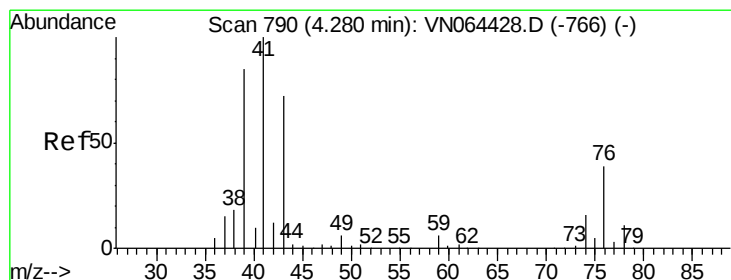
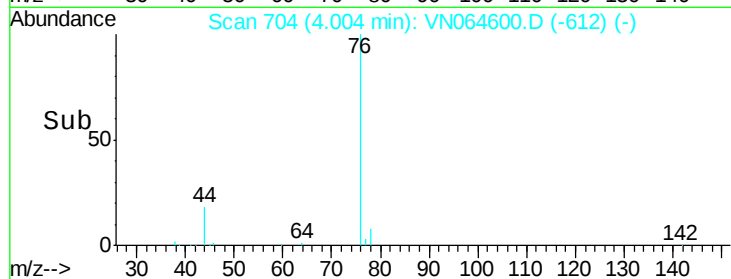
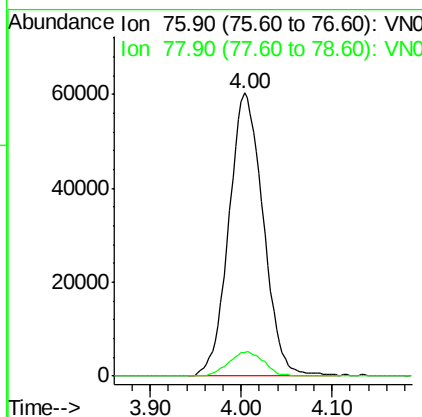
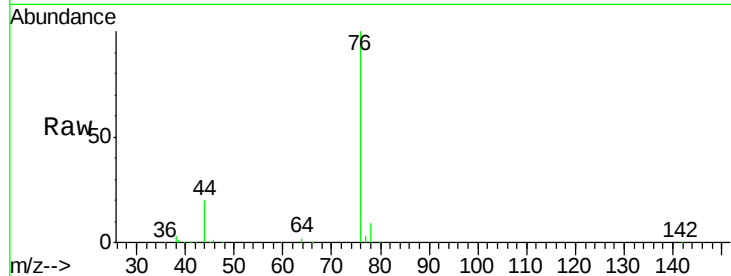
#17
Carbon Disulfide
Concen: 18.181 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2

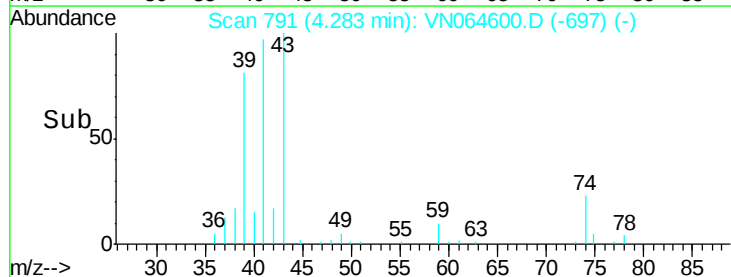
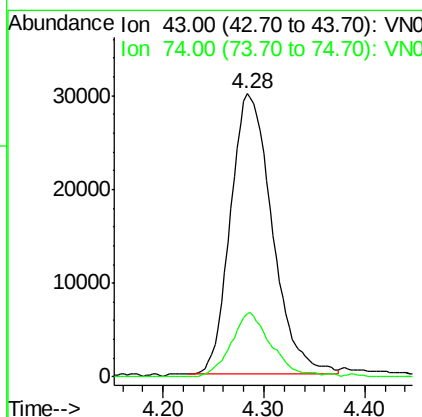
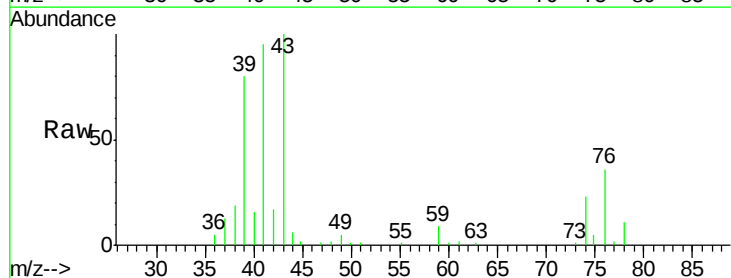
Manual Integrations
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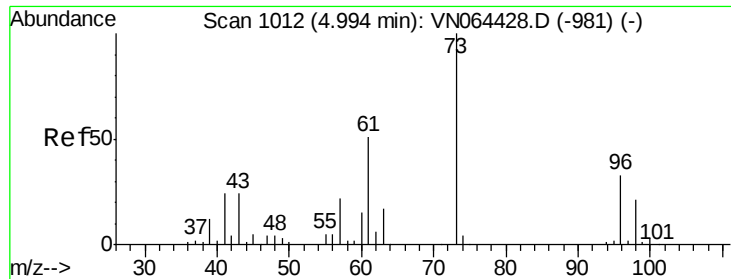
MMDadoda
11/13/2020 11:43:08 AM



#18
Methyl Acetate
Concen: 24.234 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.0	25.4





#19

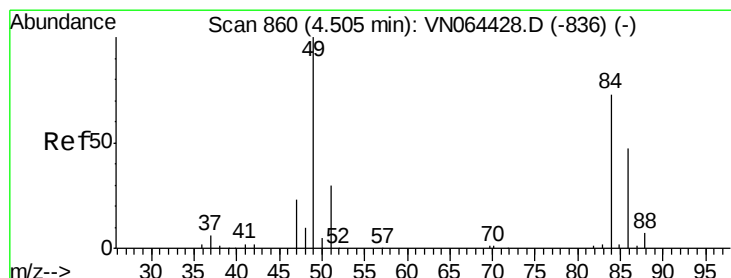
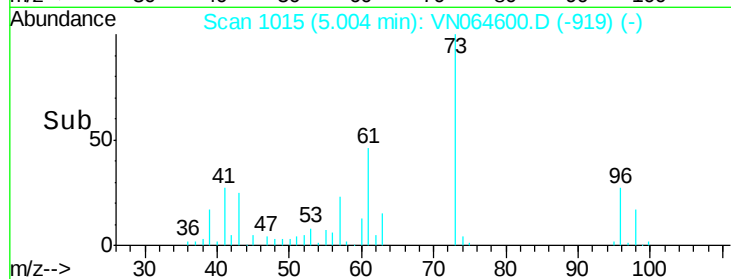
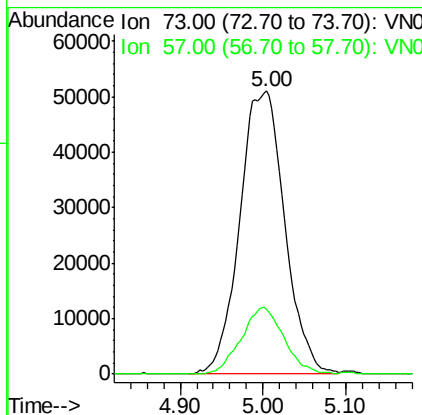
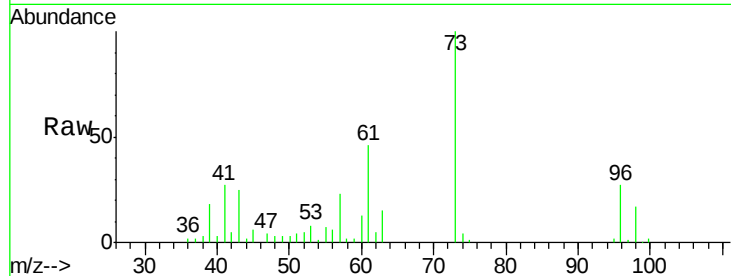
Methyl tert-butyl Ether
 Concen: 18.405 ug/l
 RT: 5.00 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion: 73 Resp: 192715
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.7 26.5

Manual Integrations
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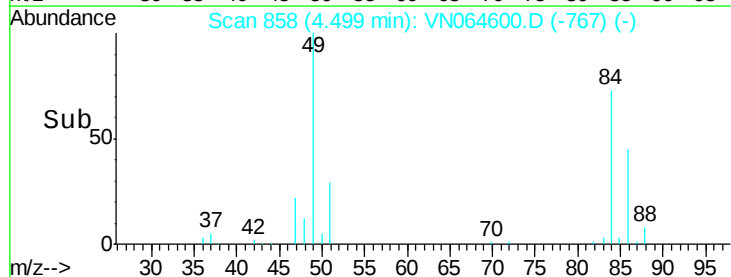
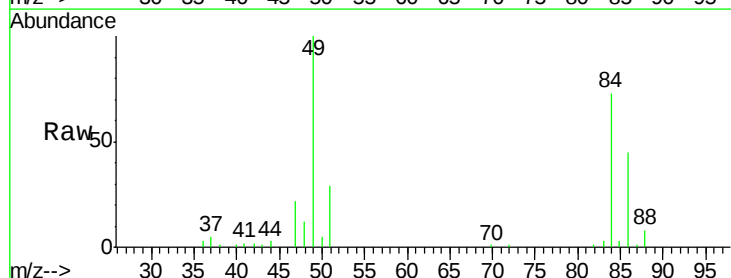
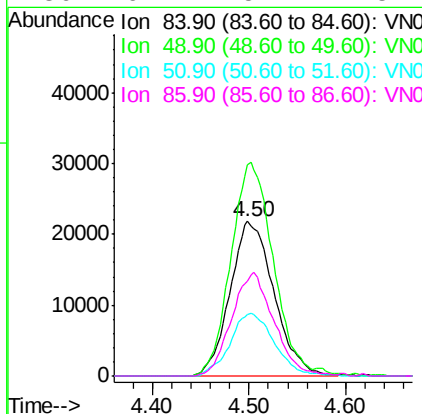
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 11/13/2020 11:43:08 AM

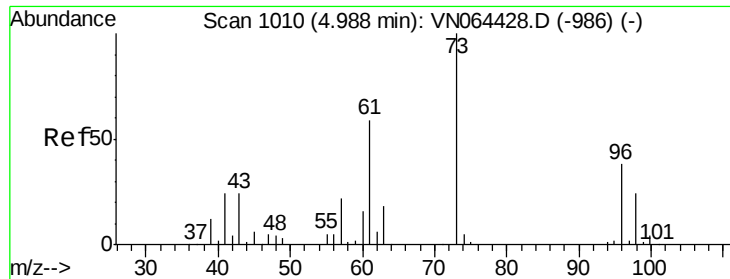


#20

Methylene Chloride
 Concen: 19.262 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion: 84 Resp: 68979
 Ion Ratio Lower Upper
 84 100
 49 136.7 110.1 165.1
 51 40.0 33.6 50.4
 86 61.2 52.1 78.1





#21

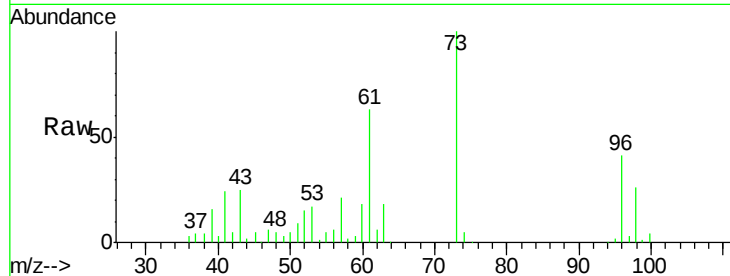
trans-1,2-Dichloroethene
Concen: 18.598 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	122.4	183.6
98	64.4	50.4	75.6

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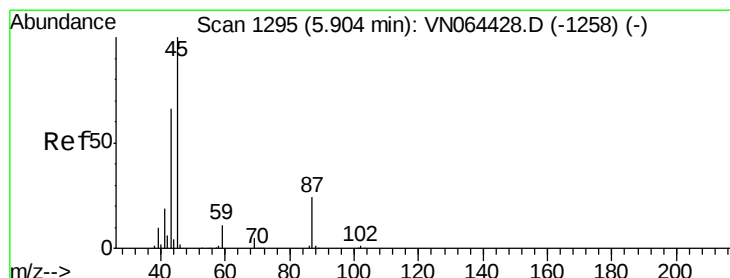
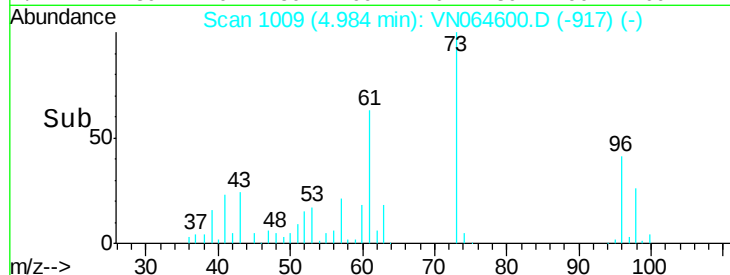
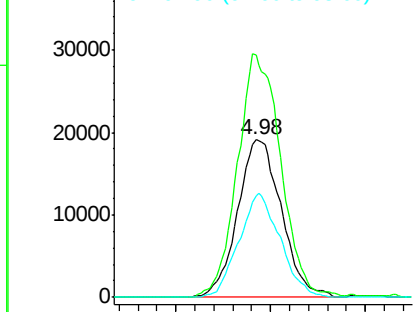


Abundance

Ion 95.90 (95.60 to 96.60): VN064600.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064600.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064600.D (-917) (-)



#22

Diisopropyl ether
Concen: 18.235 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.0	53.2	79.8
87	24.6	19.9	29.9
59	11.3	8.6	13.0

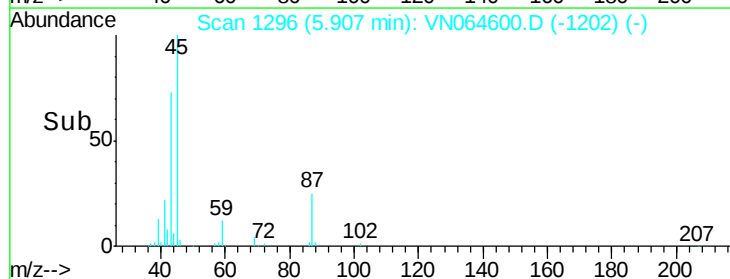
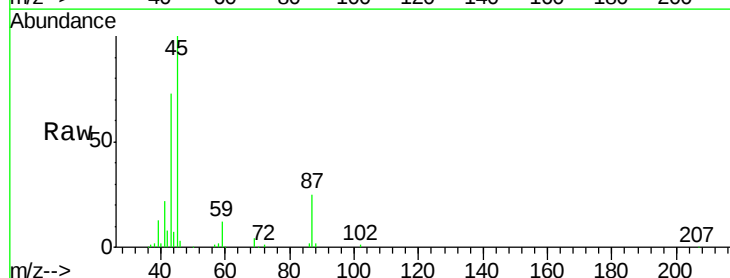
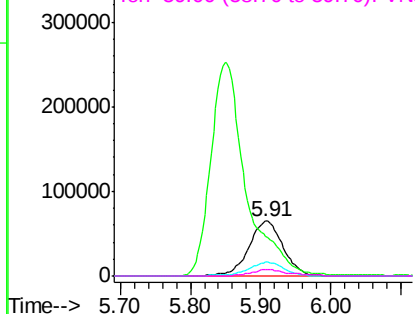
Abundance

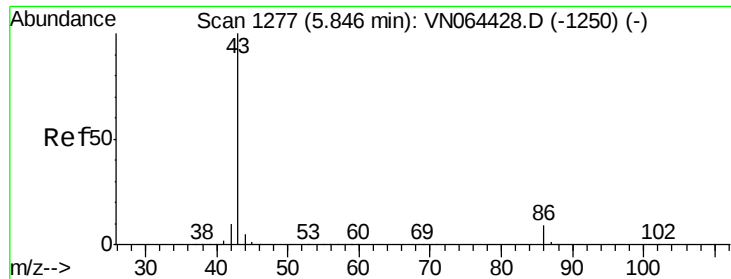
Ion 45.00 (44.70 to 45.70): VN064600.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064600.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064600.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064600.D (-1202) (-)





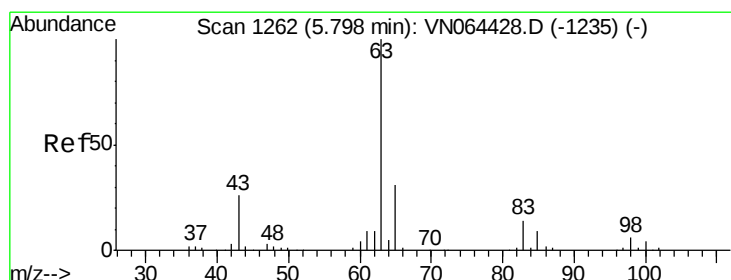
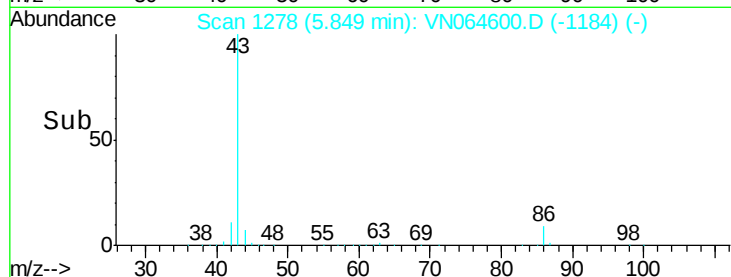
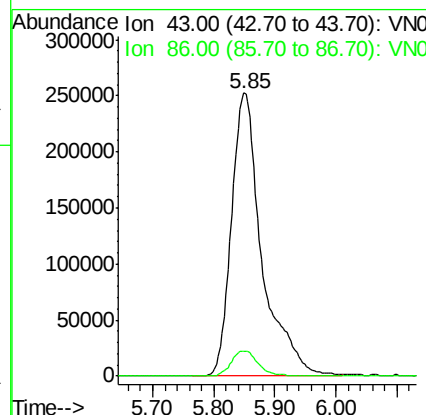
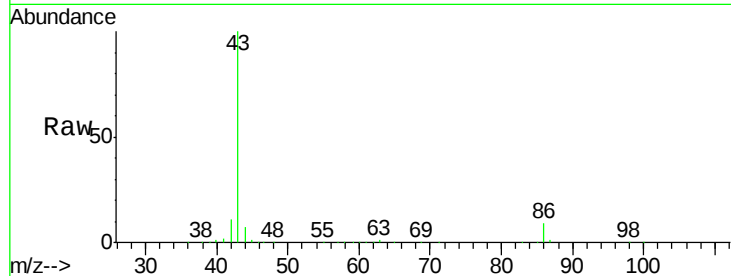
#23
 Vinyl Acetate
 Concen: 89.495 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion	43	Resp	879537
Ion Ratio	100	Lower	Upper
43	100		
86	8.8	6.8	10.2

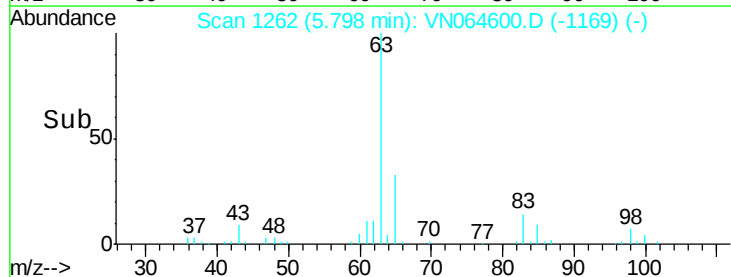
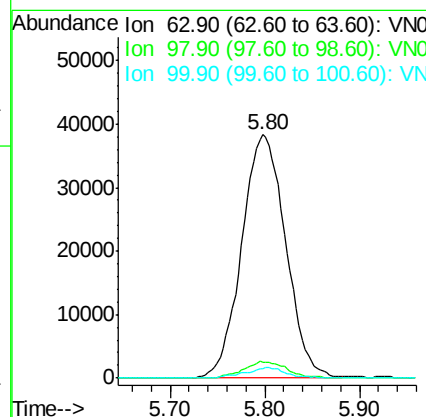
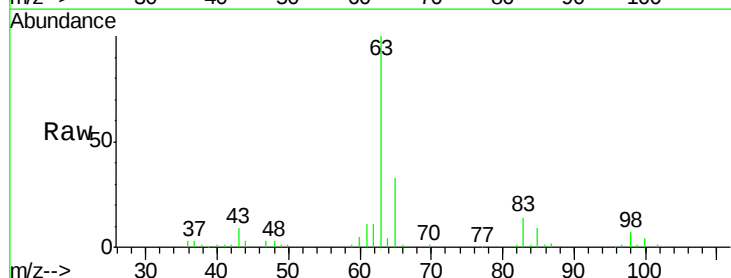
Manual Integrations
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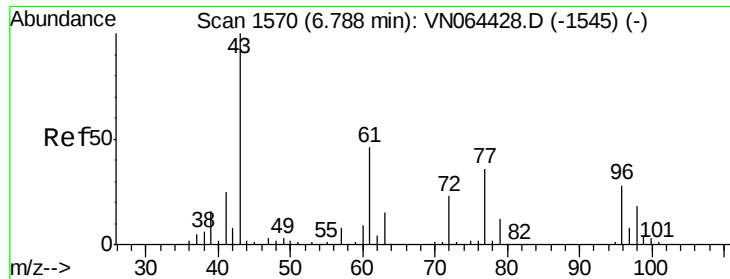
MMDadoda
 11/13/2020 11:43:08 AM



#24
 1,1-Dichloroethane
 Concen: 18.587 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion	63	Resp	123393
Ion Ratio	100	Lower	Upper
63	100		
98	6.6	3.0	9.2
100	4.0	1.8	5.3





#25

2-Butanone

Concen: 96.670 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion: 43 Resp: 222313

Ion Ratio Lower Upper

43 100

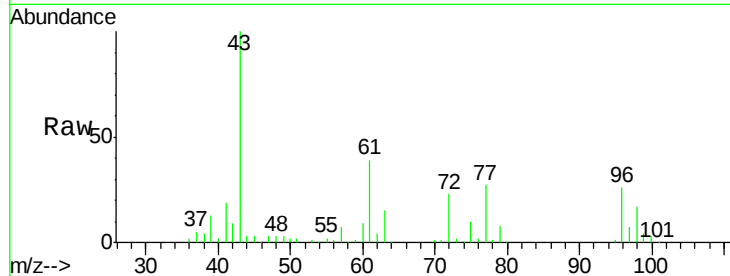
72 23.1 18.5 27.7

Manual Integrations

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11/13/2020 11:43:08 AM



Abundance Ion 43.00 (42.70 to 43.70): VN064600.D (-1477) (-)

Ion 72.00 (71.70 to 72.70): VN064600.D (-1477) (-)

6.79

80000

60000

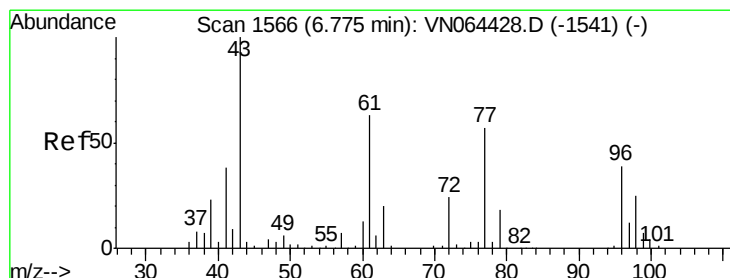
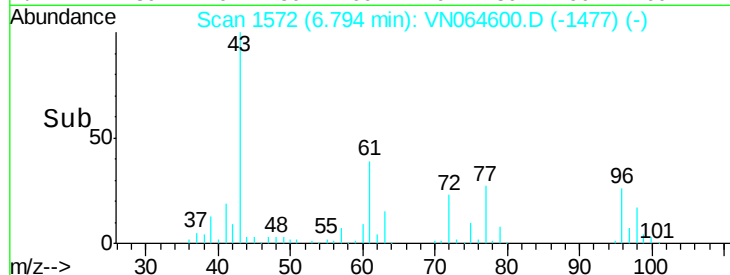
40000

20000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 15.557 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064600.D

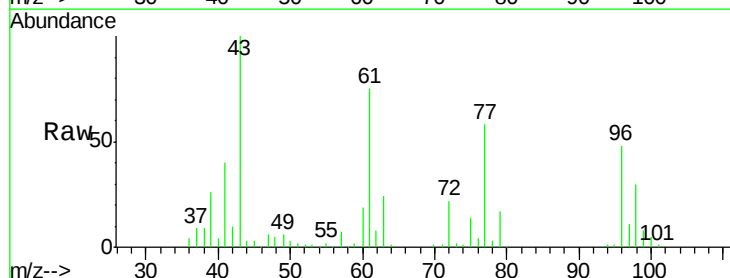
Acq: 13 Nov 2020 00:06

Tgt Ion: 77 Resp: 93491

Ion Ratio Lower Upper

77 100

97 20.9 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN064600.D (-1473) (-)

Ion 96.90 (96.60 to 97.60): VN064600.D (-1473) (-)

6.78

30000

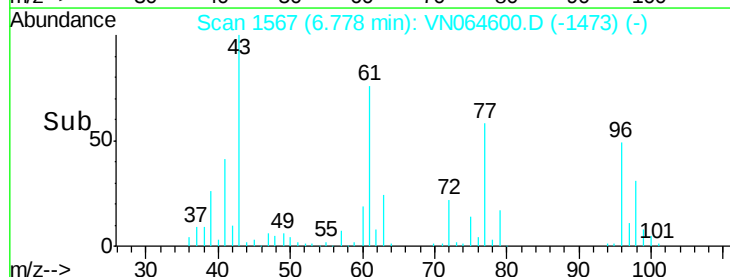
20000

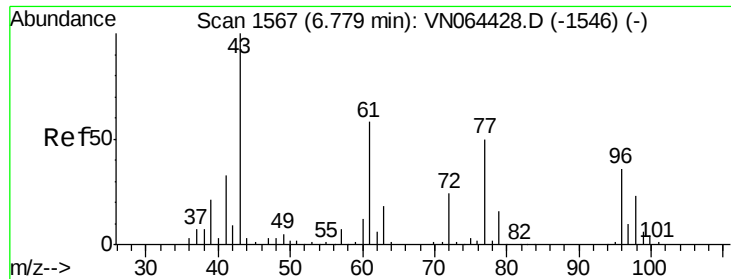
10000

0

6.70 6.80 6.90

Time-->





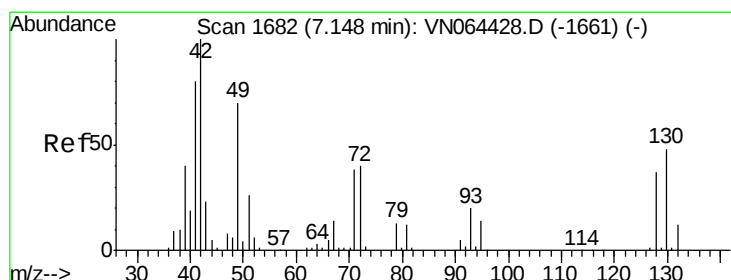
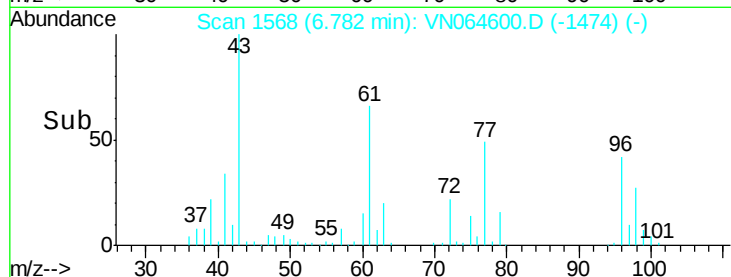
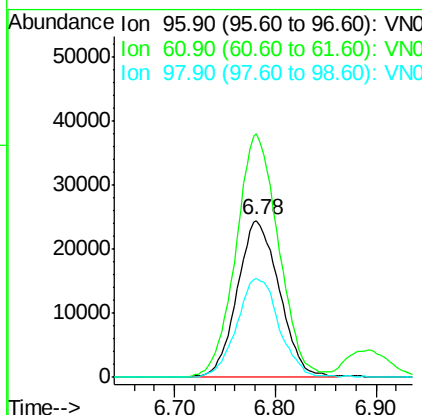
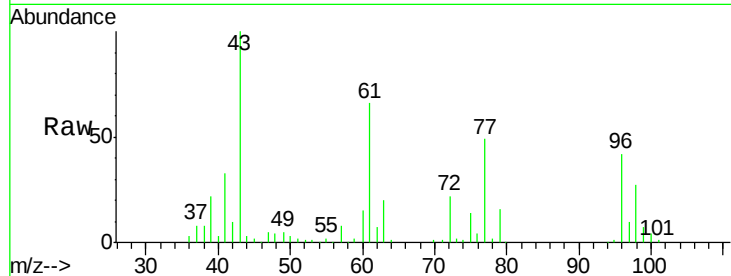
#27
 cis-1,2-Dichloroethene
 Concen: 18.525 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	329.6
98	63.2	0.0	131.2

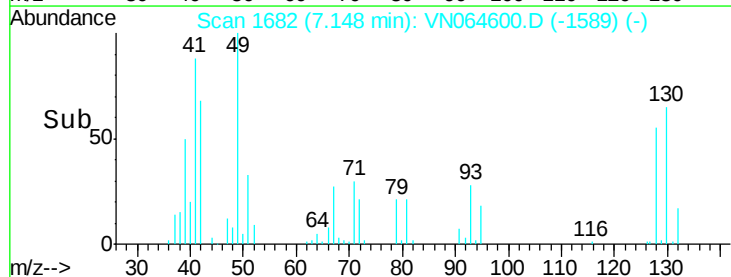
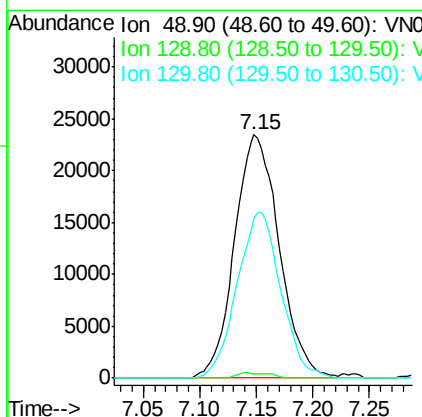
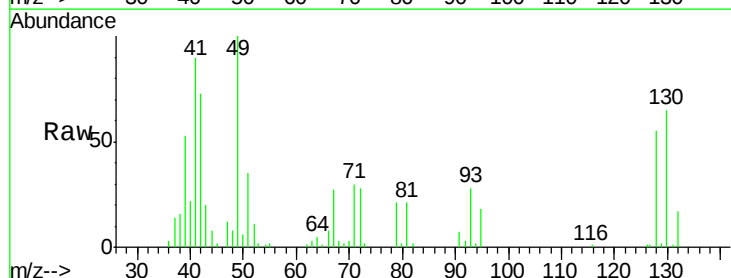
Manual Integrations
 APPROVED

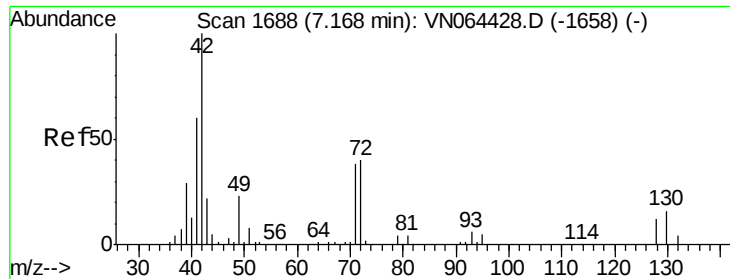
MMDadoda
 11/13/2020 11:43:08 AM



#28
 Bromochloromethane
 Concen: 19.760 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	66.6	54.2	81.4





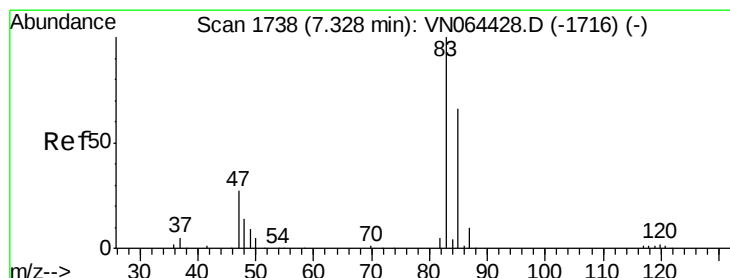
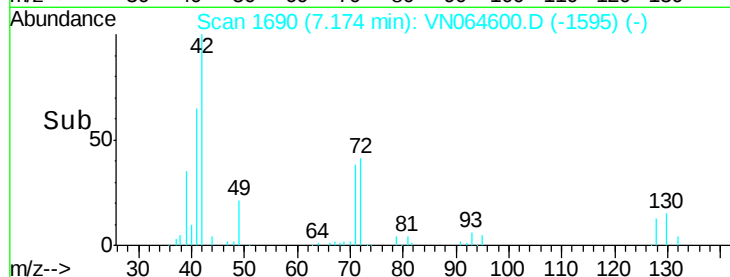
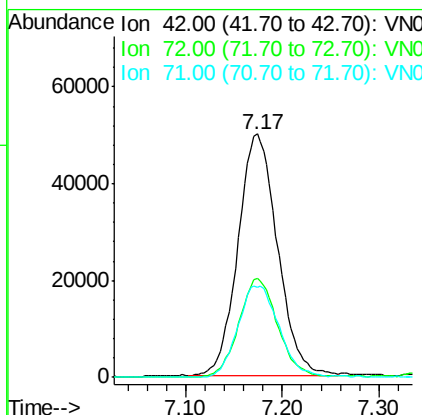
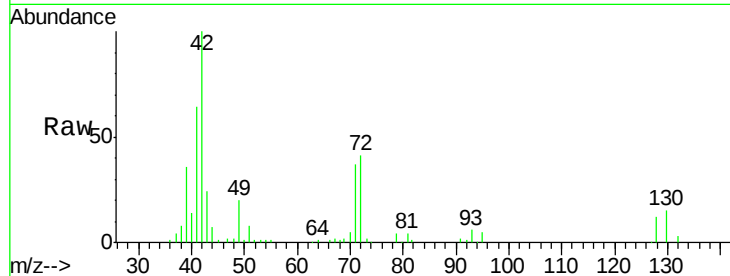
#29
Tetrahydrofuran
Concen: 100.184 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.7	47.5
71	39.5	29.8	44.6

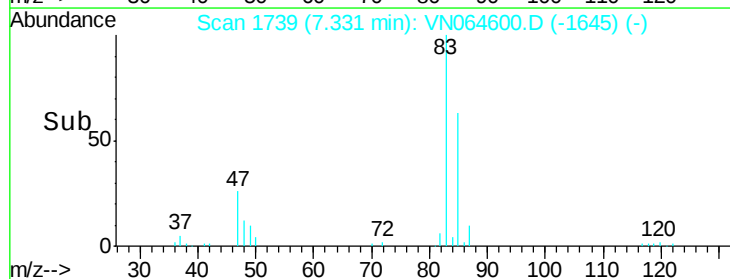
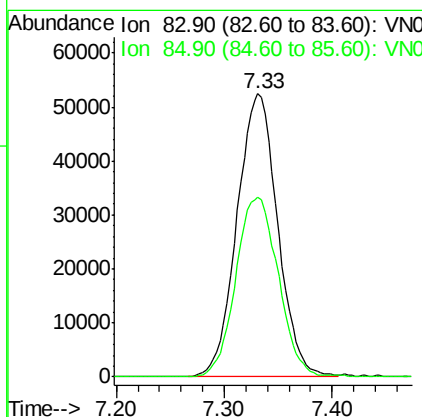
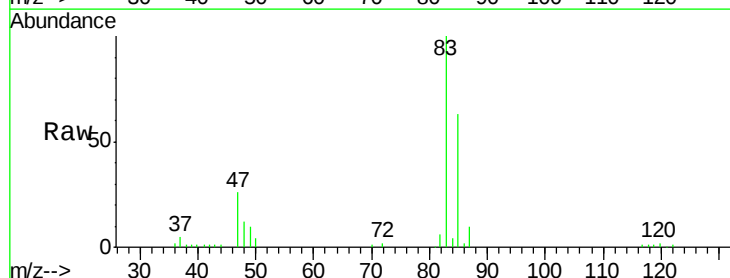
Manual Integrations
APPROVED

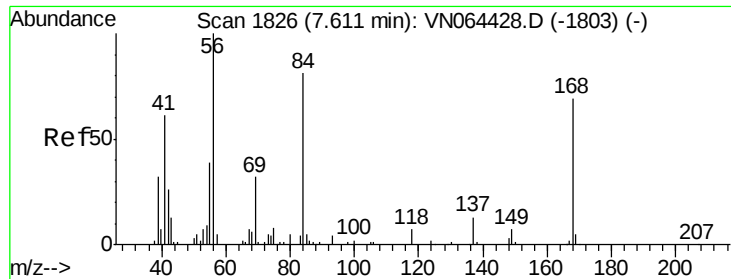
MMDadoda
11/13/2020 11:43:08 AM



#30
Chloroform
Concen: 19.713 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.5	78.7





#31

Cyclohexane

Concen: 16.406 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

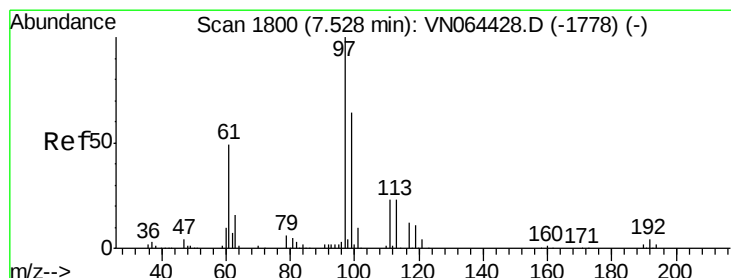
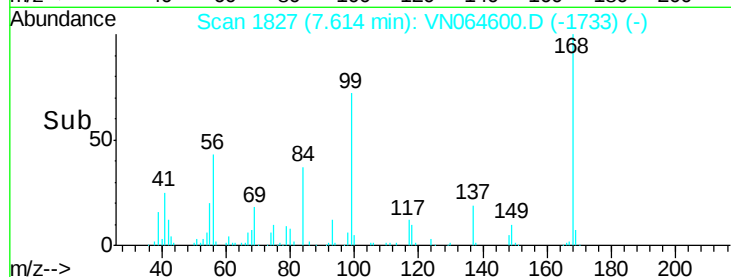
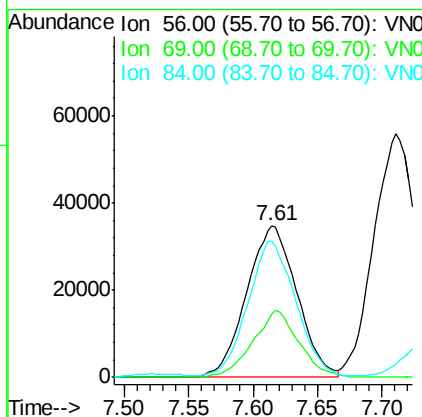
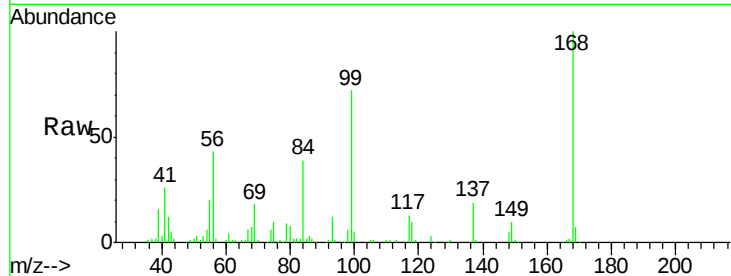
ClientSampleId :

VN1112WBS02

Tot Ion:	56	Resp:	94498
Ion Ratio	Lower	Upper	
56	100		
69	41.2	25.6	38.4#
84	88.4	63.0	94.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.606 ug/l

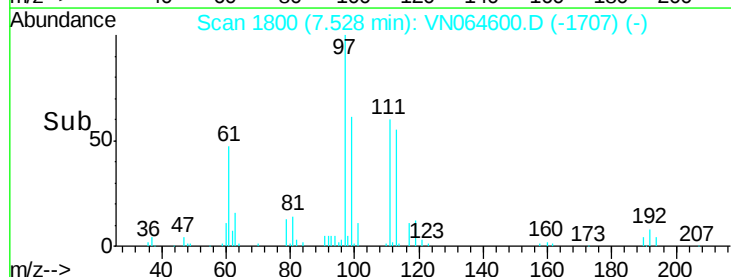
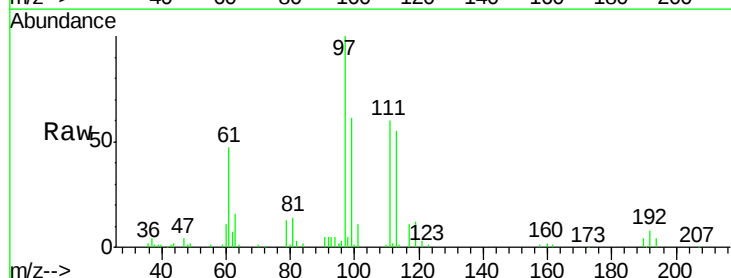
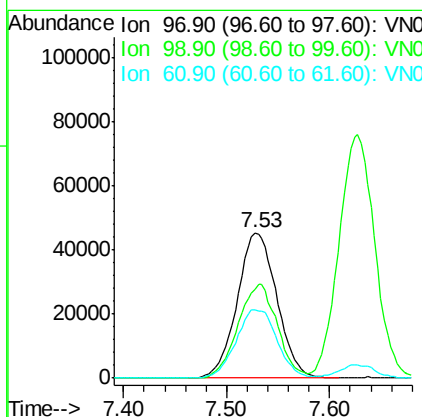
RT: 7.53 min Scan# 1800

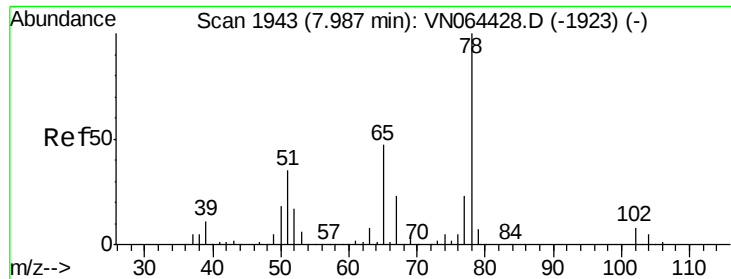
Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Tgt Ion:	97	Resp:	121344
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.3	76.9
61	48.9	39.1	58.7





#33

1,2-Dichloroethane-d4

Concen: 53.053 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion: 65 Resp: 251382

Ion Ratio Lower Upper

65 100

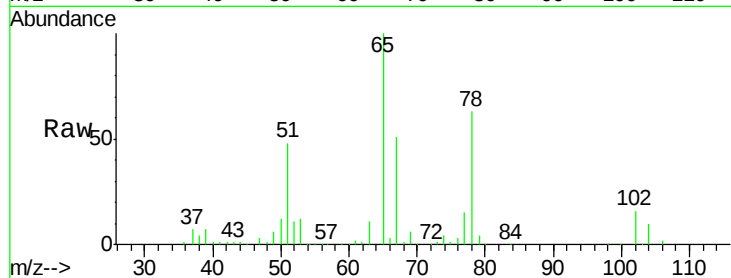
67 50.8 0.0 101.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN064600.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064600.D (-1850) (-)

7.99

120000

100000

80000

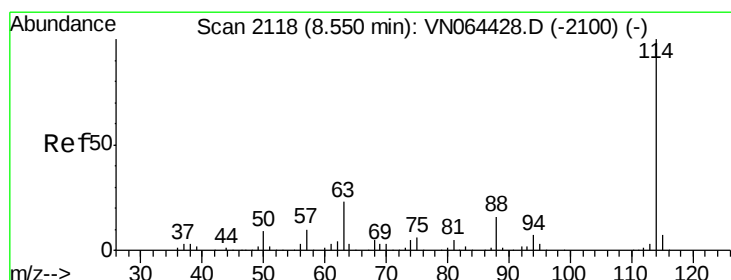
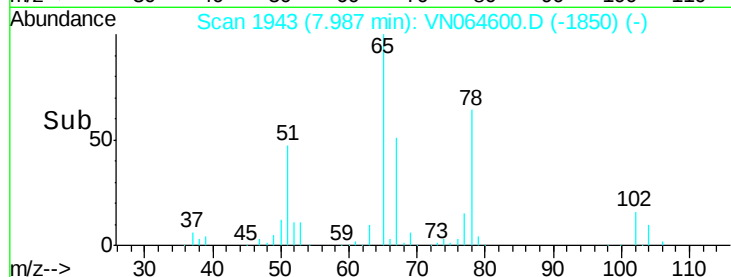
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

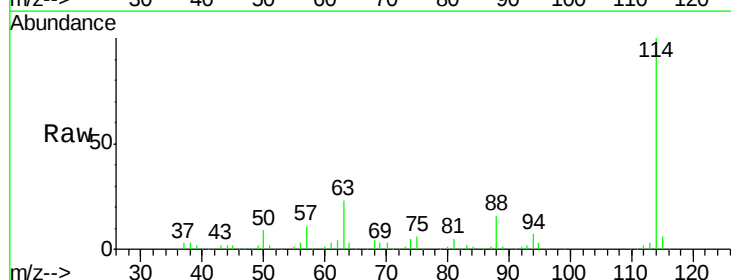
Tgt Ion: 114 Resp: 507714

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 15.9 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064600.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064600.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064600.D (-2025) (-)

8.55

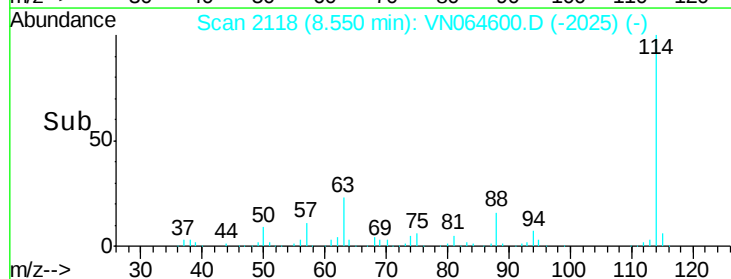
300000

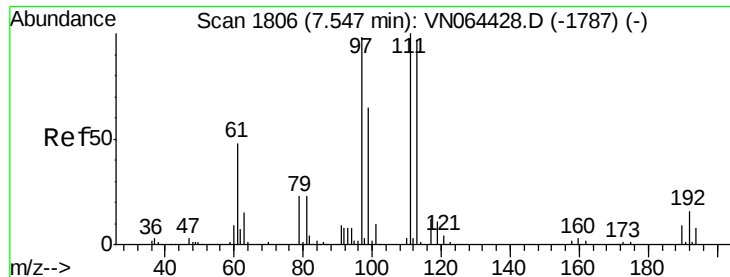
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.109 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

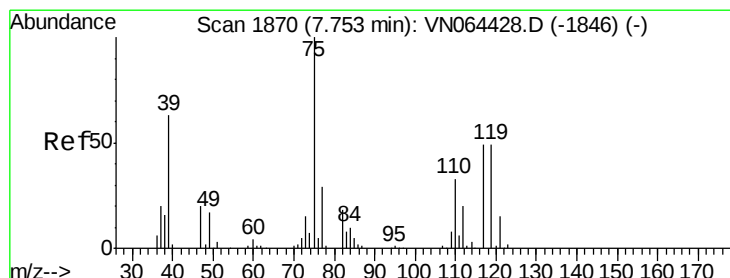
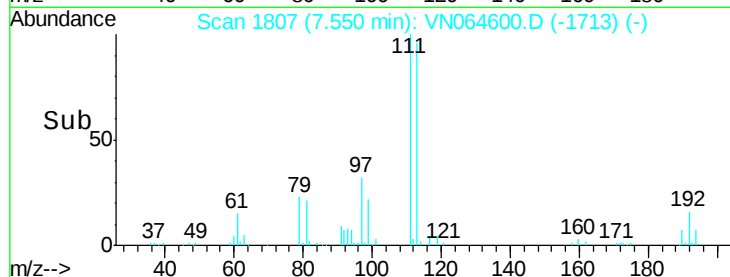
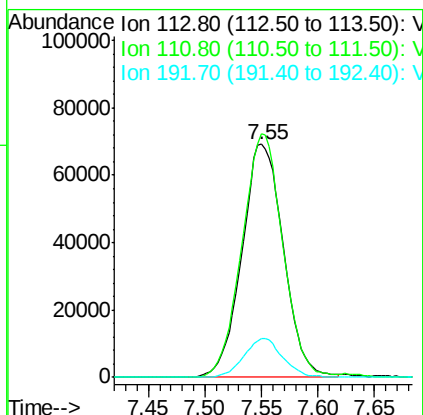
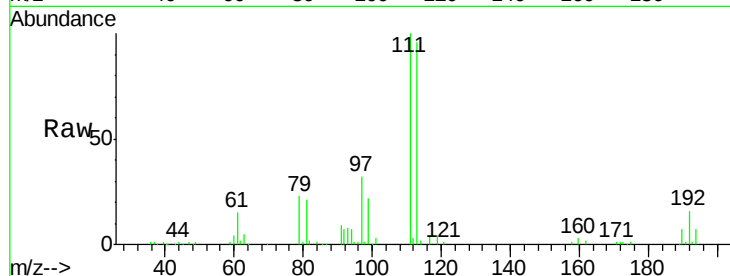
ClientSampleId :

VN1112WBS02

Tot Ion:	113	Resp:	176675
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.1	121.7
192	15.5	12.8	19.2

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#36

1,1-Dichloropropene

Concen: 17.014 ug/l

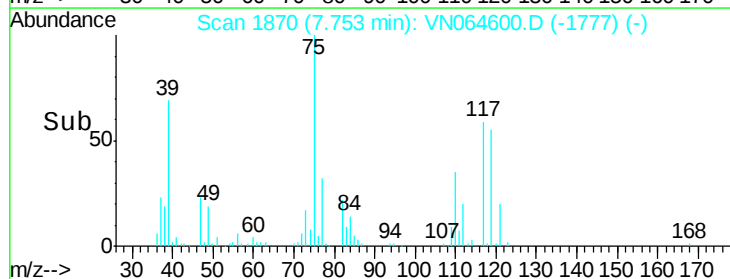
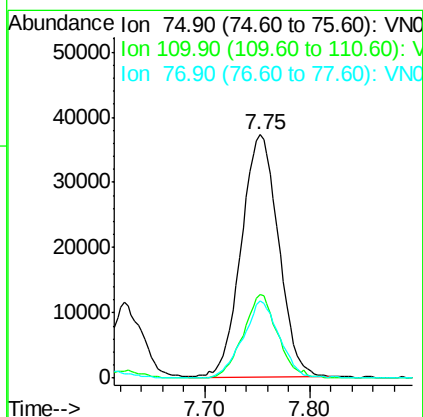
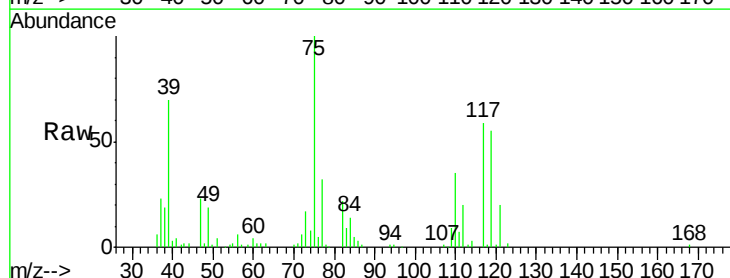
RT: 7.75 min Scan# 1870

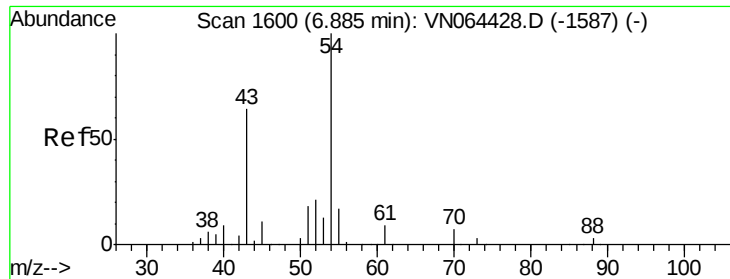
Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Tgt Ion:	75	Resp:	91255
Ion Ratio	Lower	Upper	
75	100		
110	31.9	16.0	48.0
77	31.1	24.0	36.0





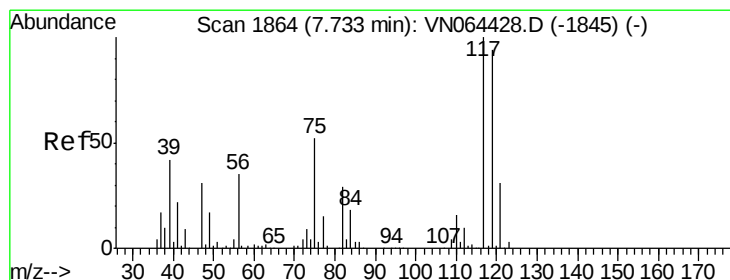
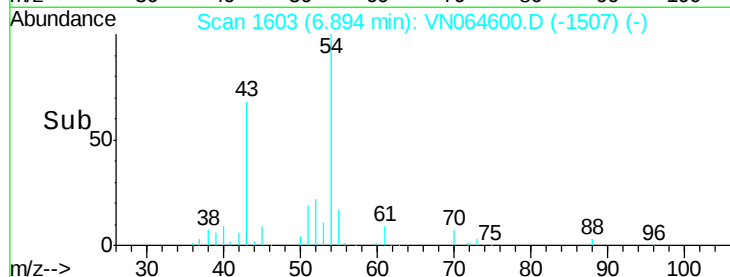
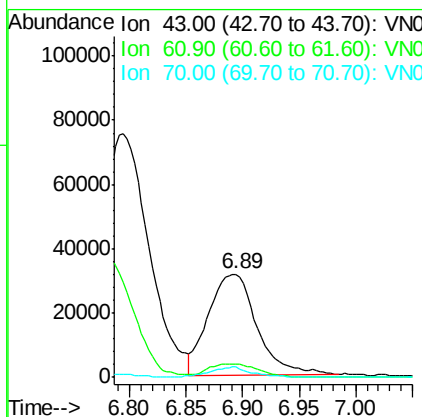
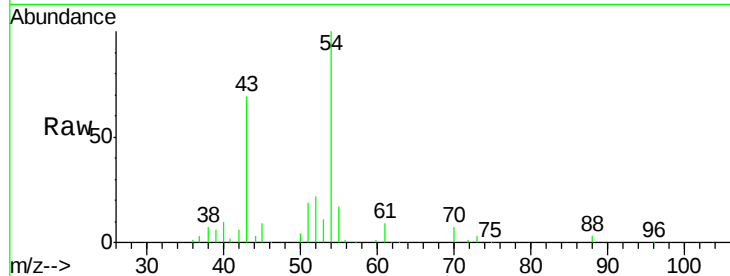
#37
Ethyl Acetate
Concen: 17.772 ug/l
RT: 6.89 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.0	15.0
70	8.9	7.1	10.7

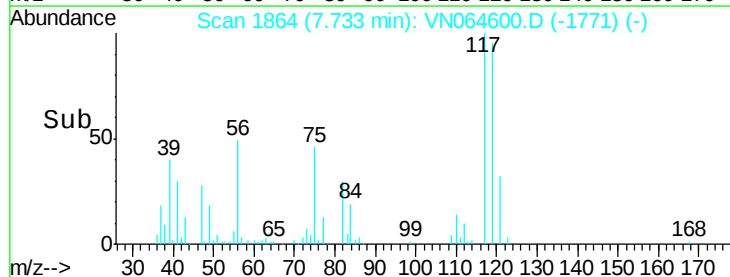
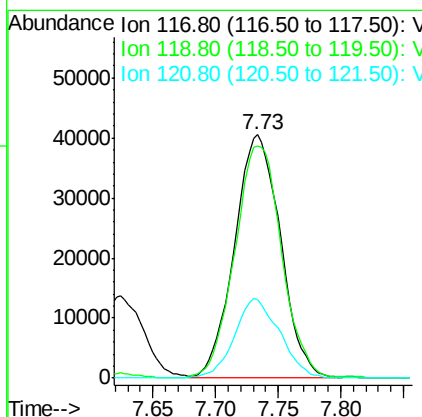
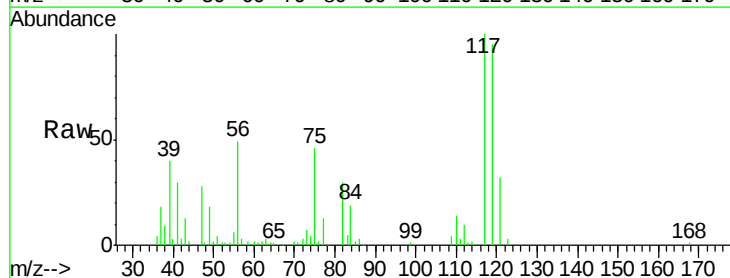
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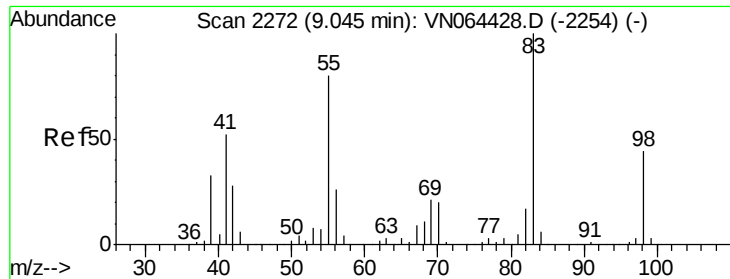
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11/13/2020 11:43:08 AM



#38
Carbon Tetrachloride
Concen: 18.067 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.5	113.3
121	32.5	24.4	36.6





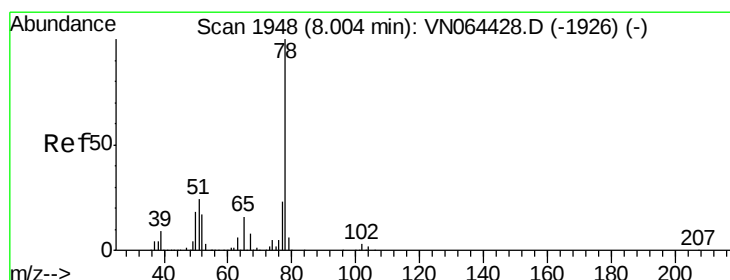
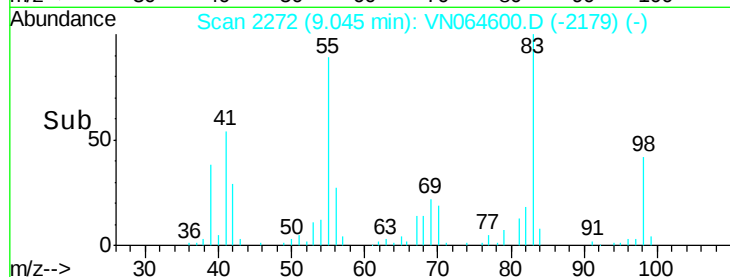
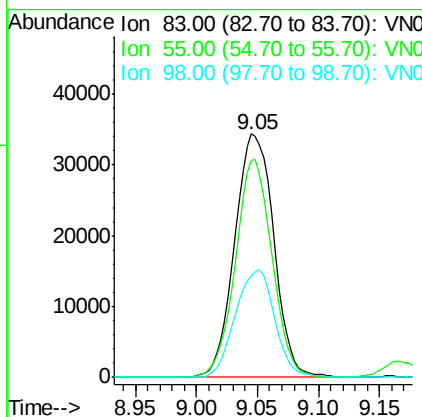
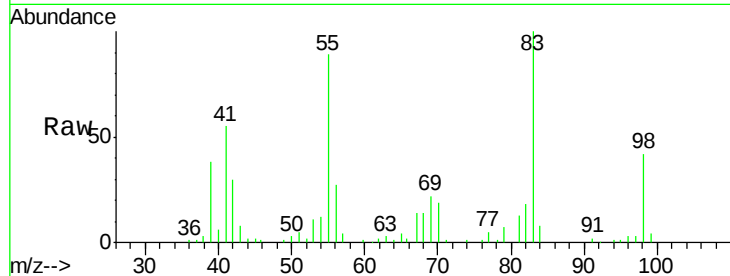
#39
Methvlcvclohexane
Concen: 15.837 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.2	63.8	95.6
98	41.9	35.4	53.2

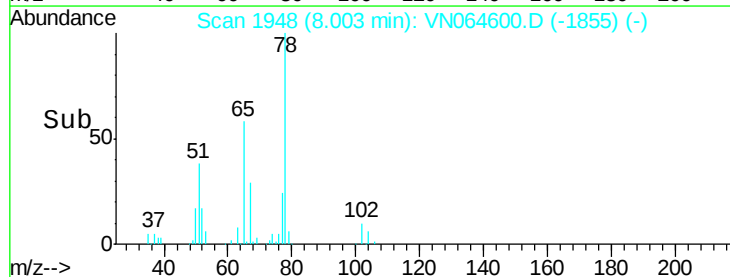
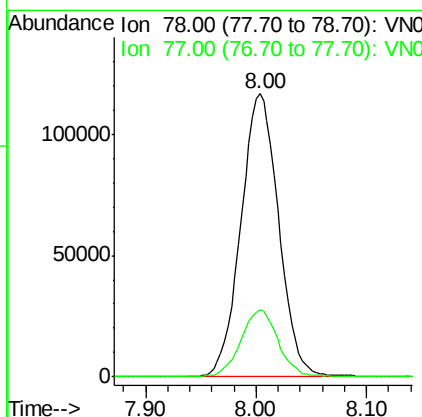
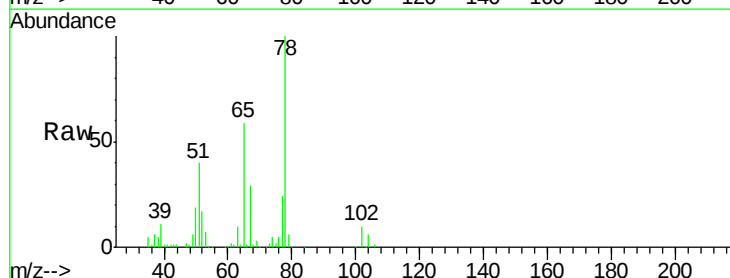
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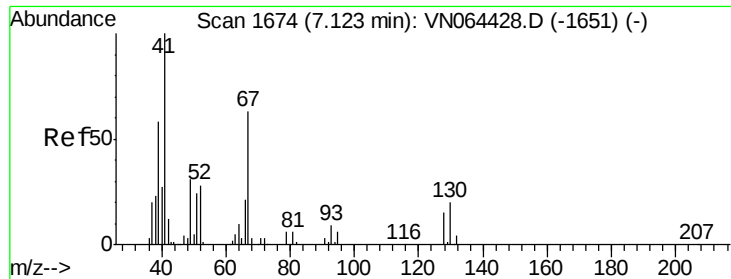
MMDadoda
11/13/2020 11:43:08 AM



#40
Benzene
Concen: 17.500 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





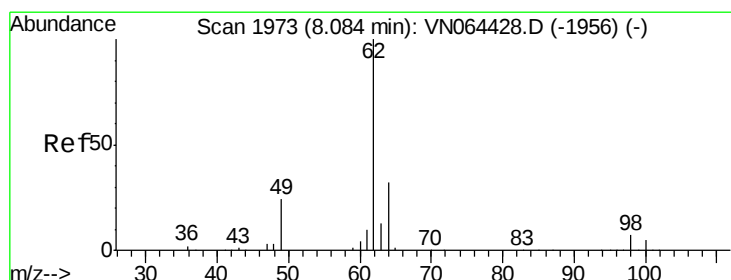
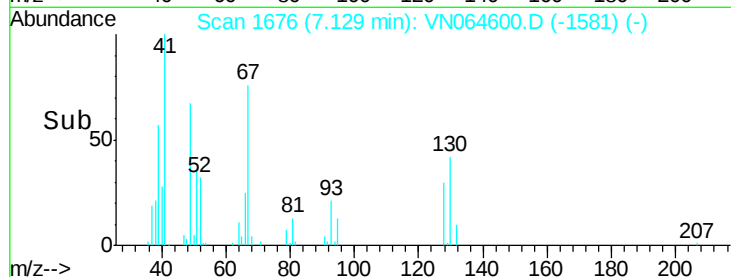
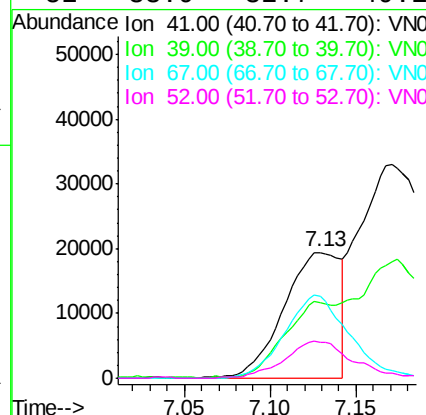
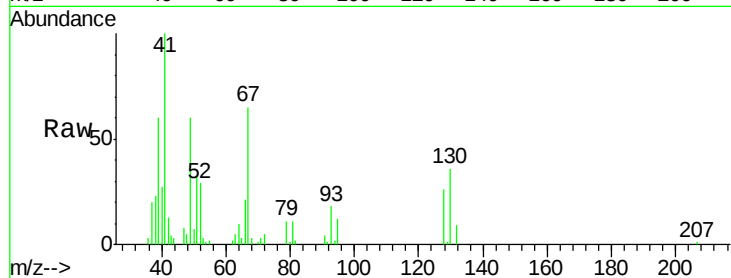
#41
Methacrylonitrile
Concen: 18.717 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	47.9	50.0	75.0#	
67	75.5	68.3	102.5	
52	33.9	32.7	49.1	

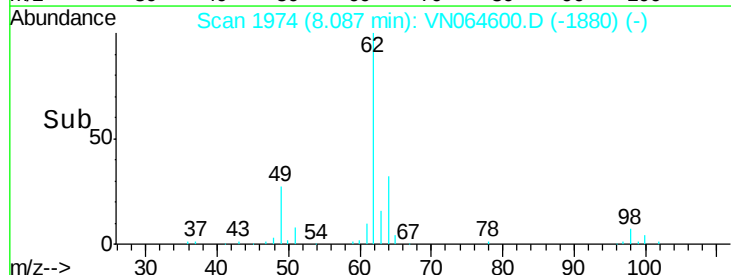
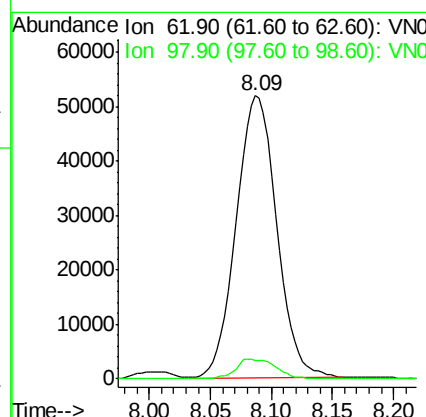
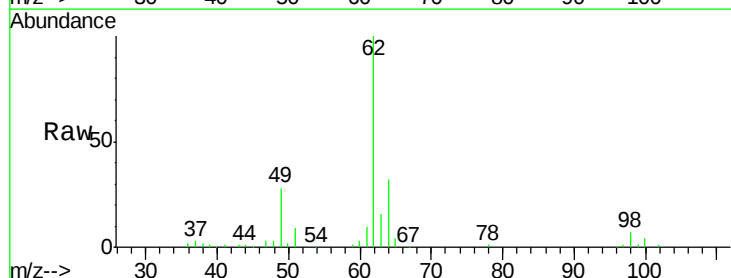
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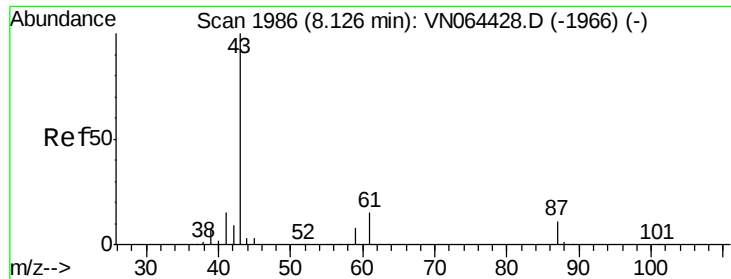
MMDadoda
11/13/2020 11:43:08 AM



#42
1,2-Dichloroethane
Concen: 18.689 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.0	0.0	14.0	





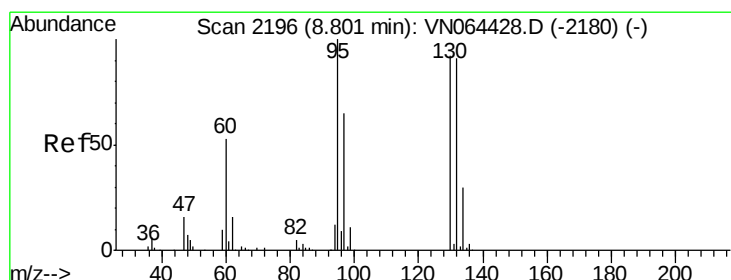
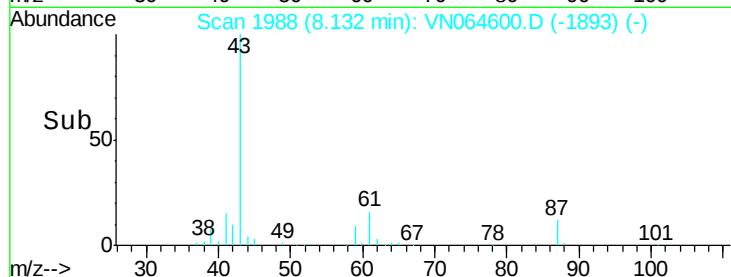
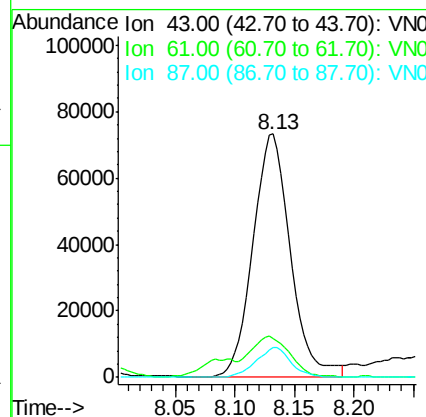
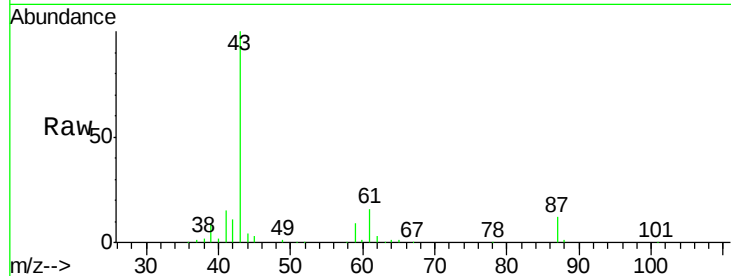
#43
Isopropyl Acetate
Concen: 18.322 ug/l
RT: 8.13 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.0	21.0
87	11.4	9.1	13.7

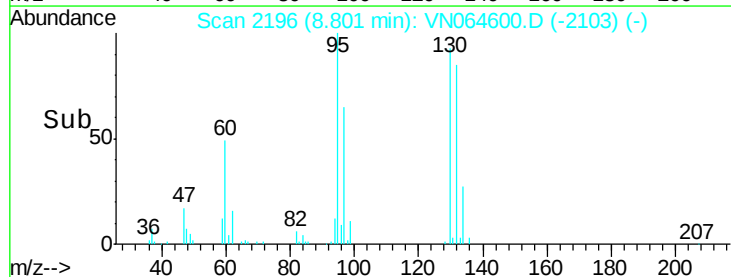
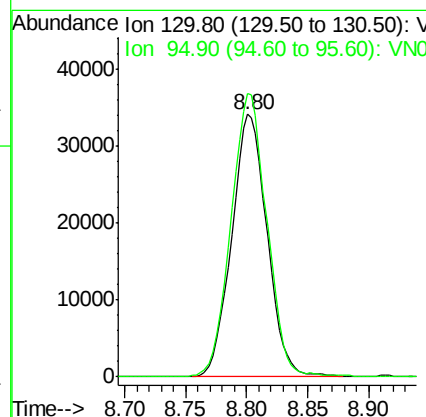
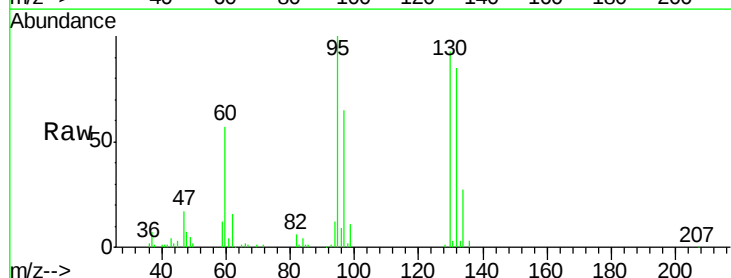
Manual Integrations
APPROVED

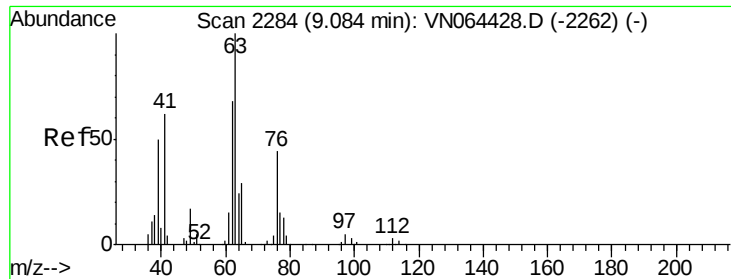
MMDadoda
11/13/2020 11:43:08 AM



#44
Trichloroethene
Concen: 17.376 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.4	0.0	216.8





#45

1,2-Dichloropropane

Concen: 18.413 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion: 63 Resp: 77436

Ion Ratio Lower Upper

63 100

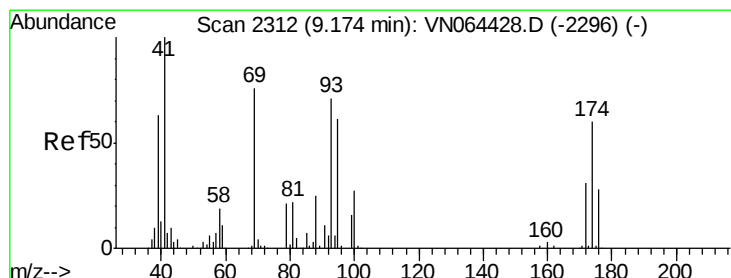
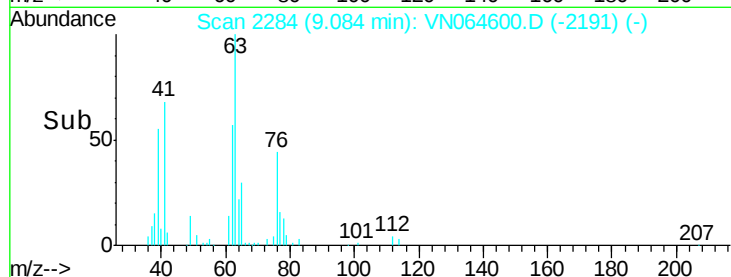
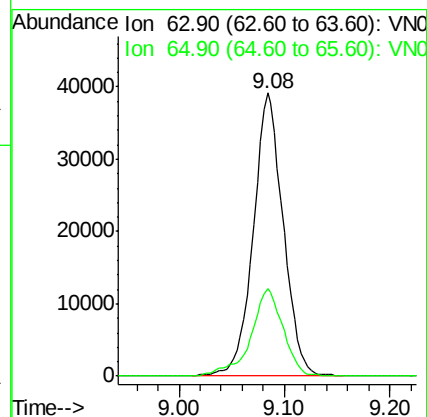
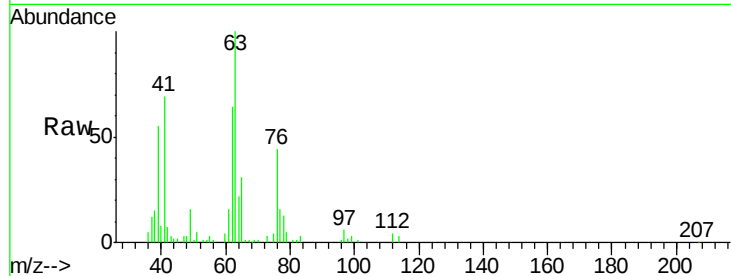
65 30.7 23.6 35.4

Manual Integrations

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#46

Dibromomethane

Concen: 19.492 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

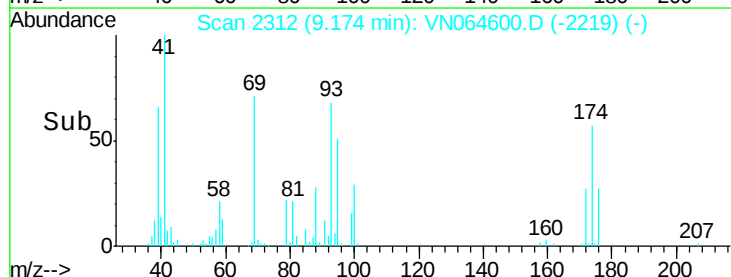
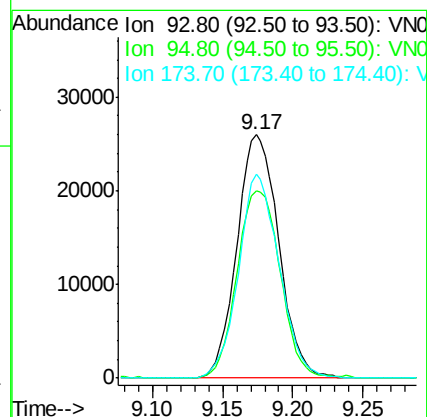
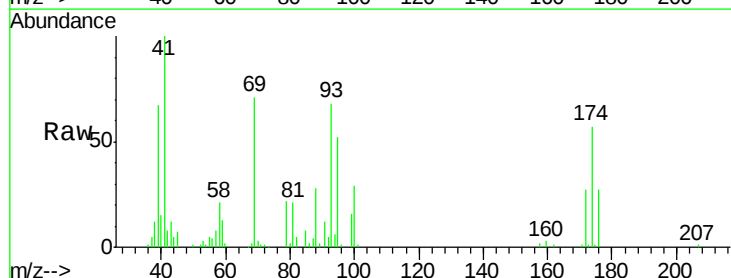
Tgt Ion: 93 Resp: 53962

Ion Ratio Lower Upper

93 100

95 79.6 66.4 99.6

174 81.5 67.2 100.8





#47

Bromodichloromethane

Concen: 18.686 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

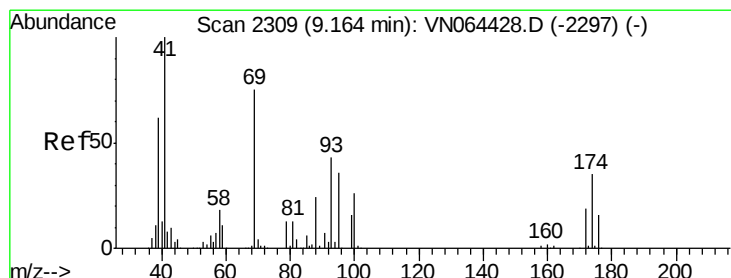
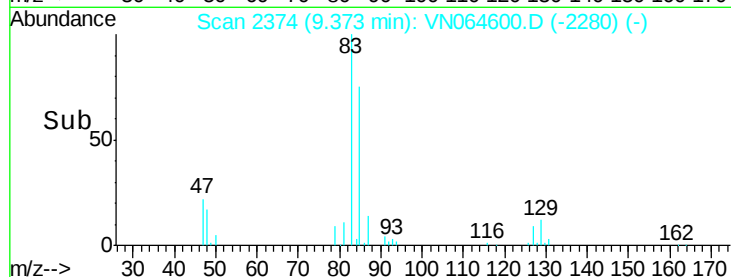
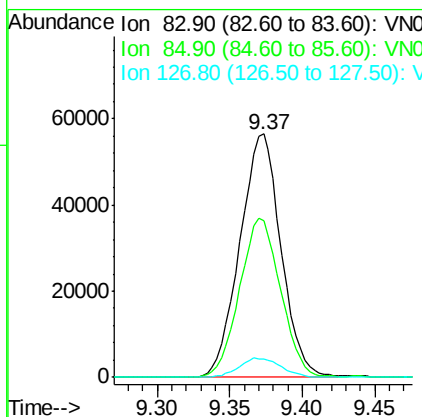
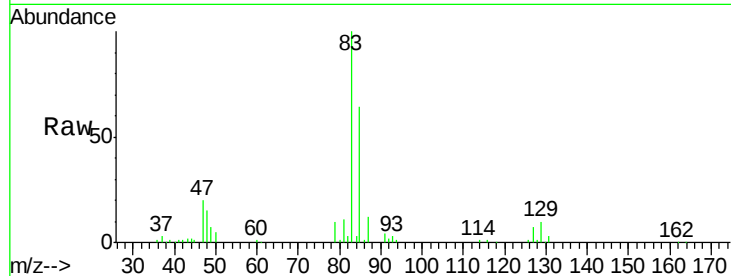
ClientSampleId :

VN1112WBS02

Tot Ion:	83	Resp:	111228
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.2	76.8
127	7.4	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.126 ug/l

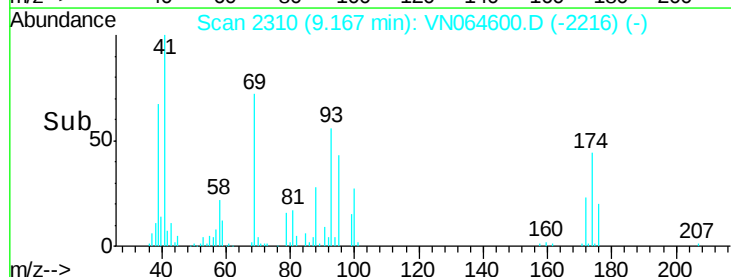
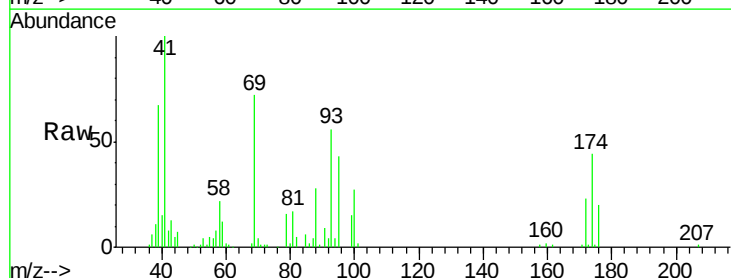
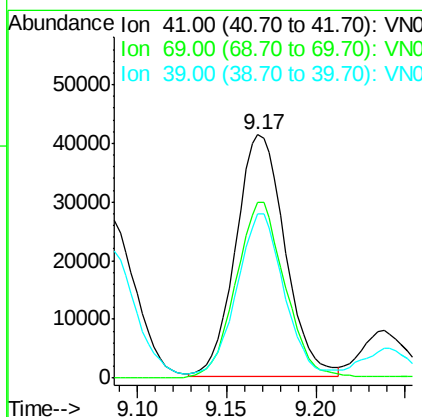
RT: 9.17 min Scan# 2310

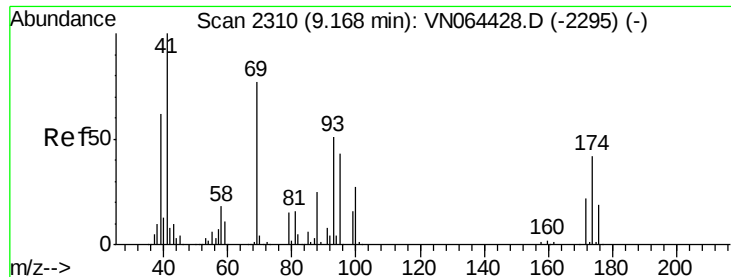
Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Tgt Ion:	41	Resp:	79505
Ion Ratio	Lower	Upper	
41	100		
69	72.6	60.4	90.6
39	64.9	51.2	76.8





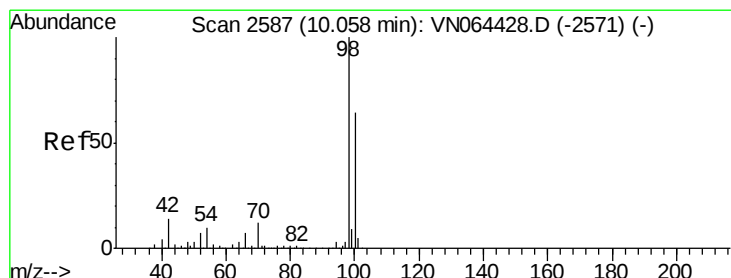
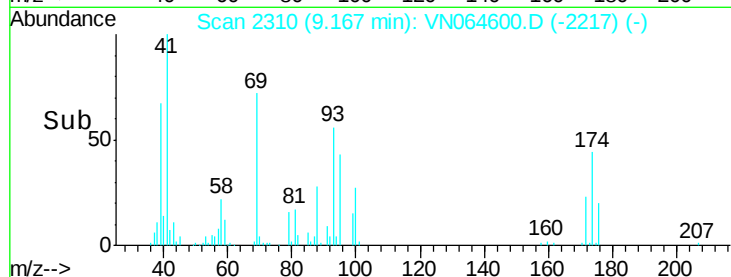
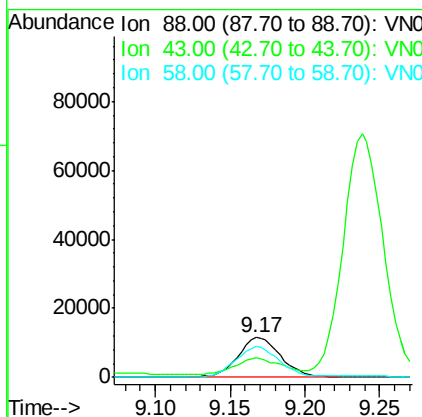
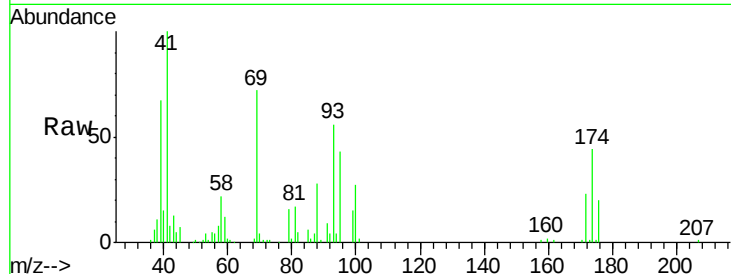
#49
1,4-Dioxane
Concen: 398.328 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.6	31.0	46.6
58	79.0	58.4	87.6

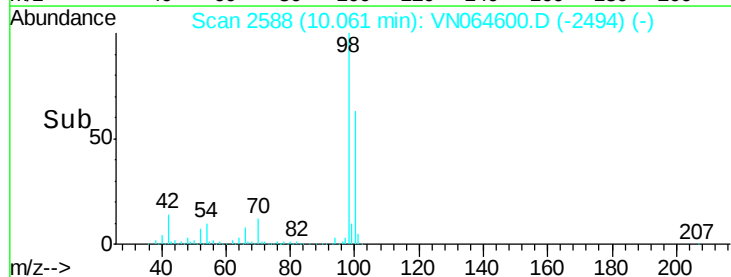
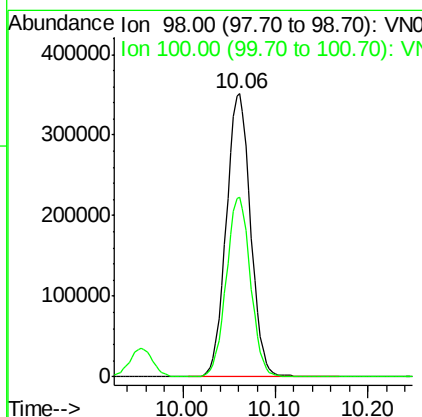
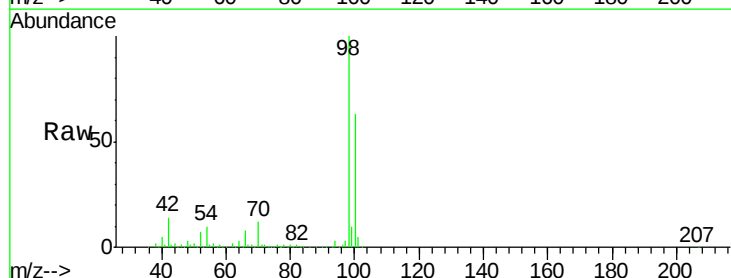
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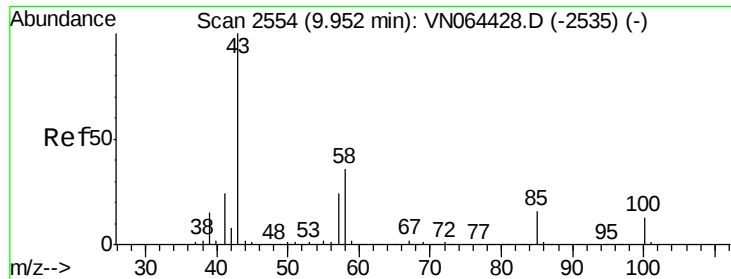
MMDadoda
11/13/2020 11:43:08 AM



#50
Toluene-d8
Concen: 47.853 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 99.760 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion: 43 Resp: 505692

Ion Ratio Lower Upper

43 100

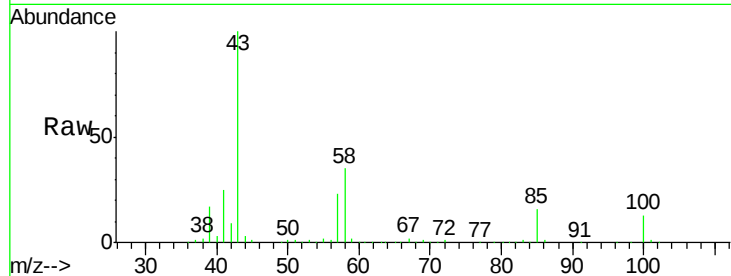
58 34.7 28.4 42.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.96

250000

200000

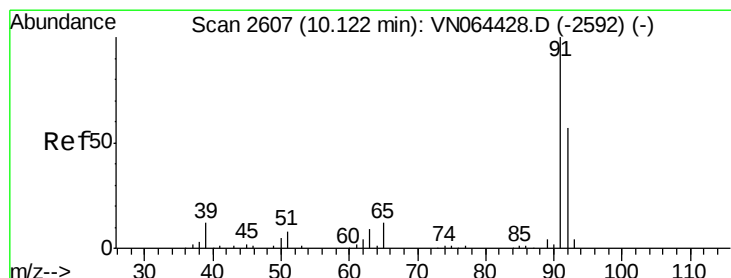
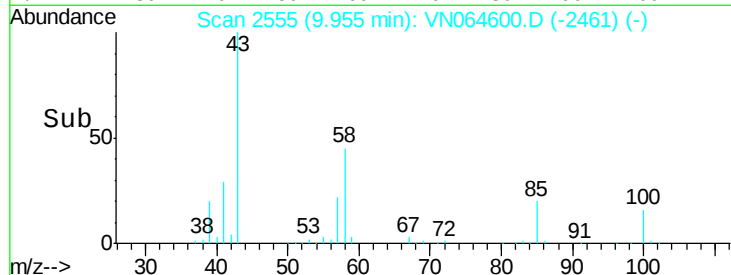
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.807 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064600.D

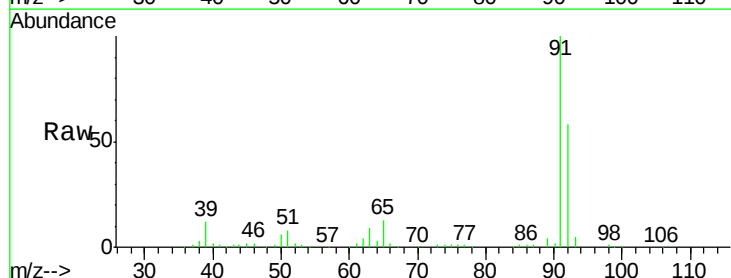
Acq: 13 Nov 2020 00:06

Tgt Ion: 92 Resp: 171178

Ion Ratio Lower Upper

92 100

91 176.0 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

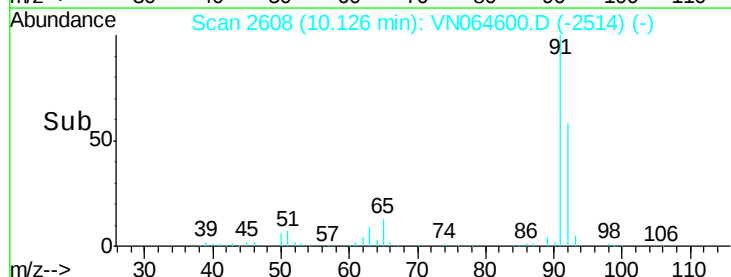
150000

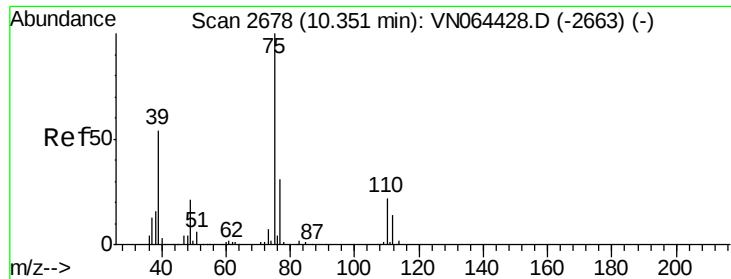
100000

50000

0

Time-->





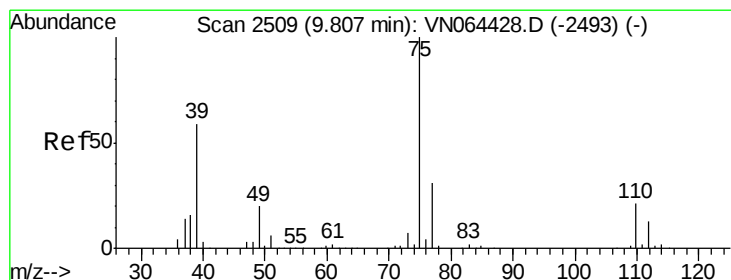
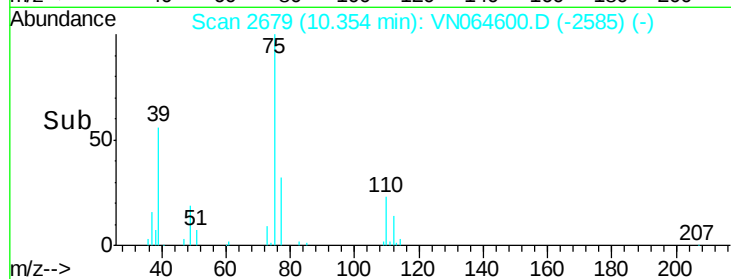
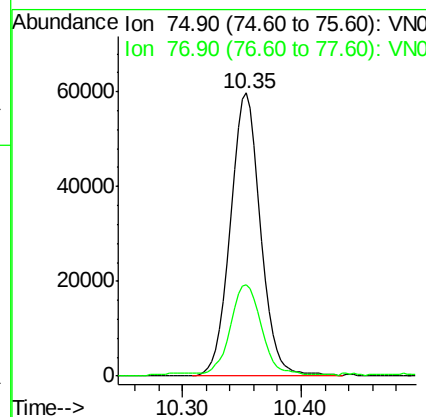
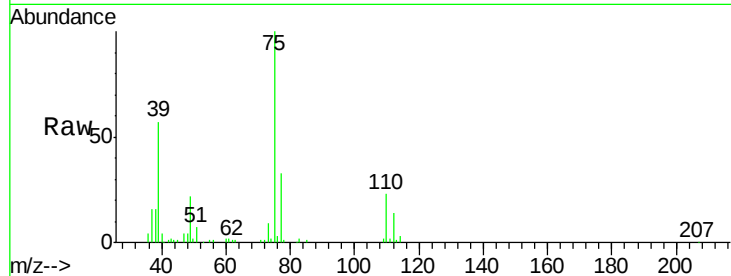
#53
t-1,3-Dichloropropene
Concen: 16.636 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion: 75 Resp: 104989
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2

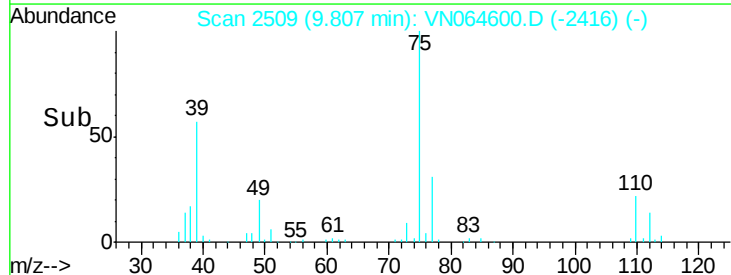
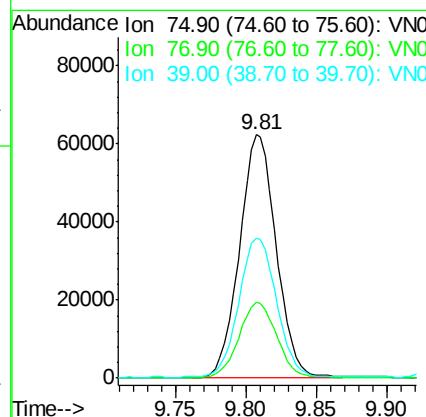
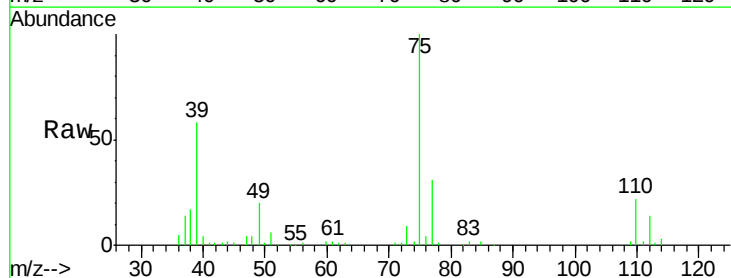
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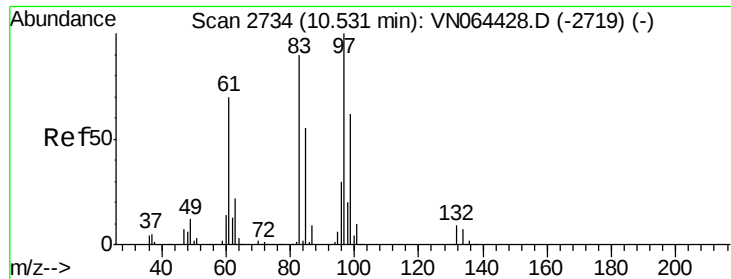
MMDadoda
11/13/2020 11:43:08 AM



#54
cis-1,3-Dichloropropene
Concen: 16.879 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 75 Resp: 113887
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3
39 57.3 47.1 70.7





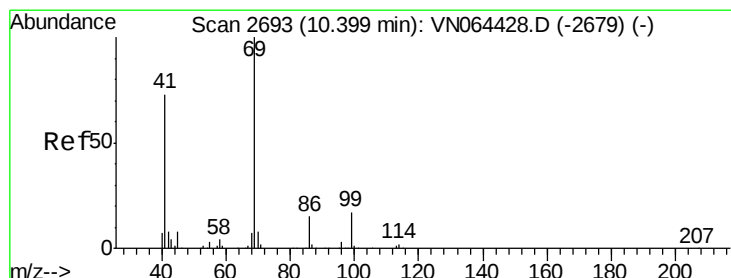
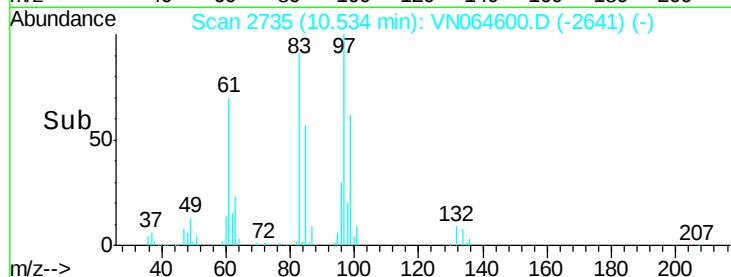
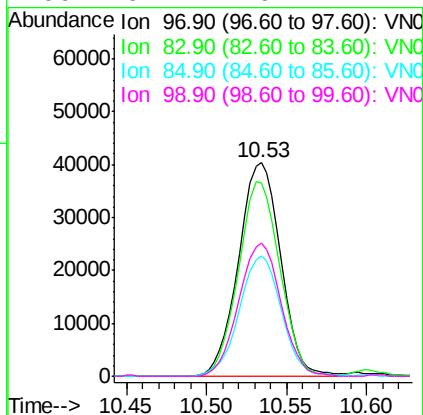
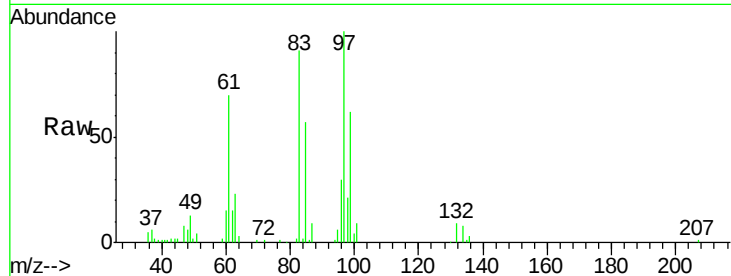
#55
 1,1,2-Trichloroethane
 Concen: 19.371 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion:	97	Resp:	72621
Ion	Ratio	Lower	Upper
97	100		
83	90.6	71.7	107.5
85	56.6	44.3	66.5
99	62.2	49.4	74.2

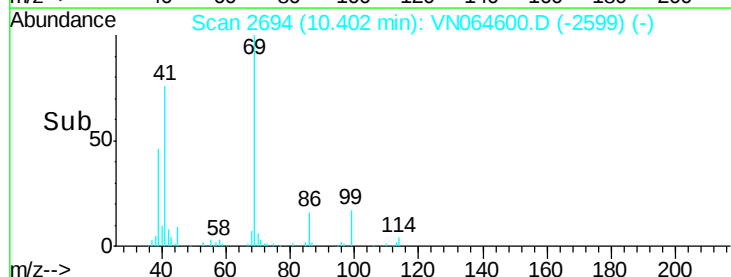
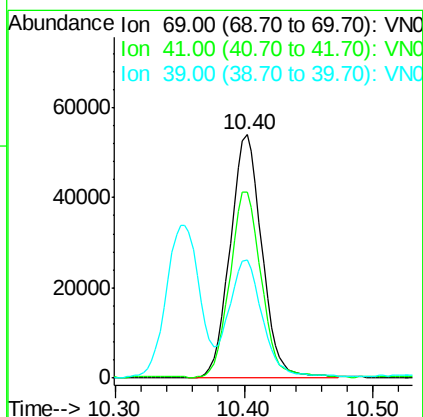
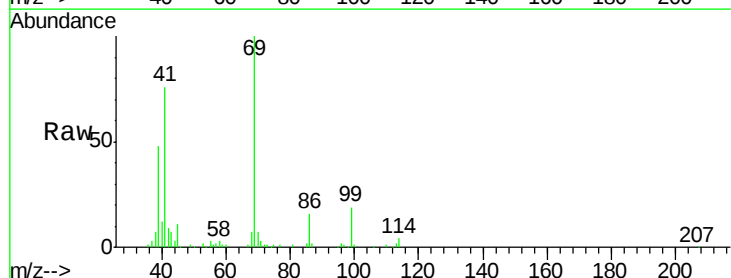
Manual Integrations
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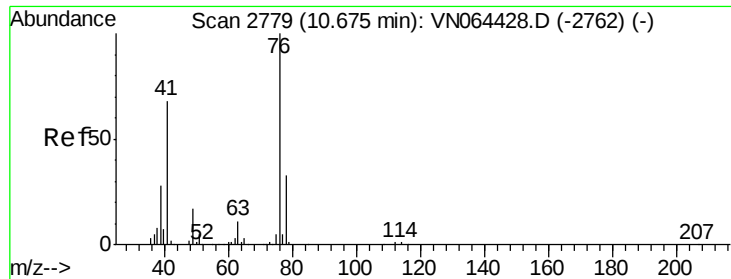
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 11/13/2020 11:43:08 AM



#56
 Ethyl methacrylate
 Concen: 16.288 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion:	69	Resp:	92518
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.3	88.9
39	49.5	35.4	53.0





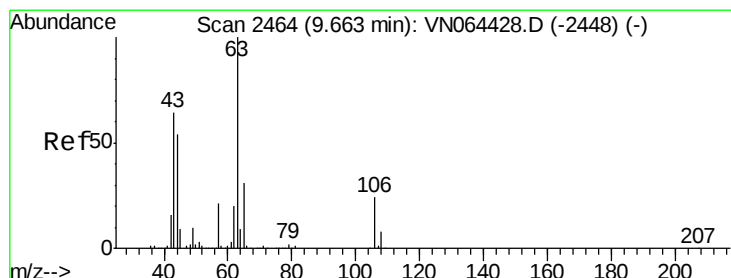
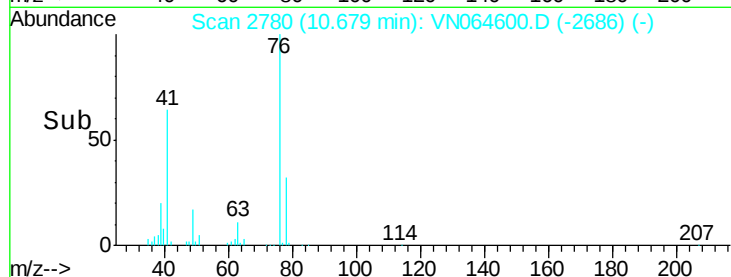
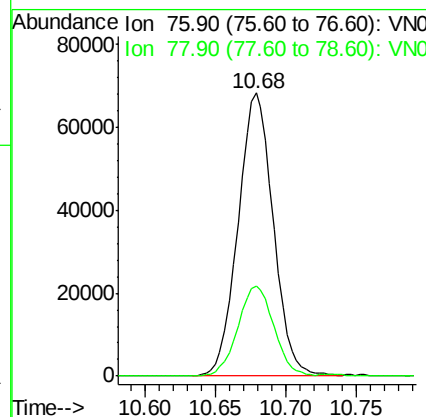
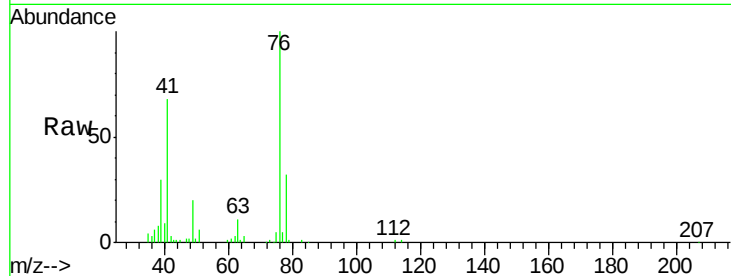
#57
 1,3-Dichloropropane
 Concen: 18.250 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.6

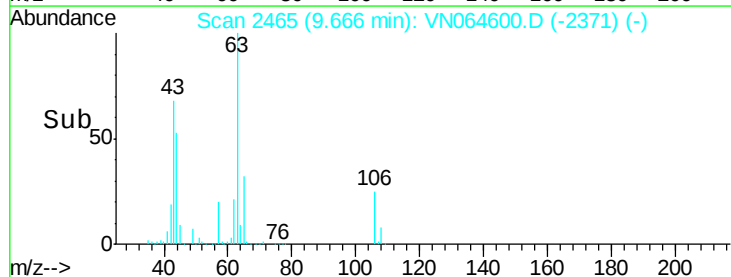
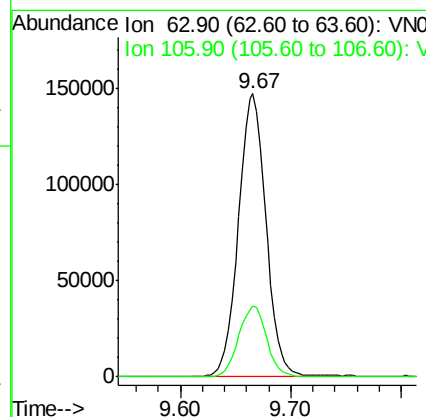
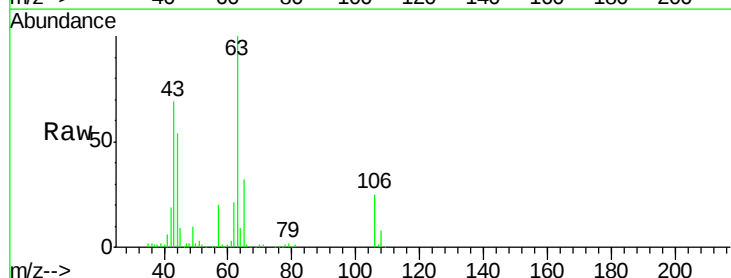
Manual Integrations
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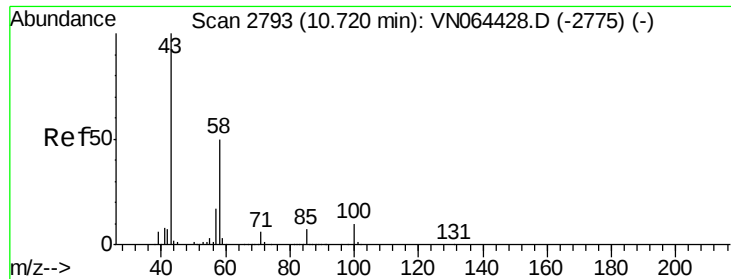
MMDadoda
 11/13/2020 11:43:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.927 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	19.5	29.3





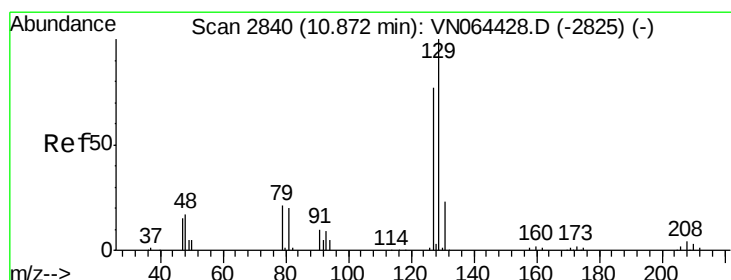
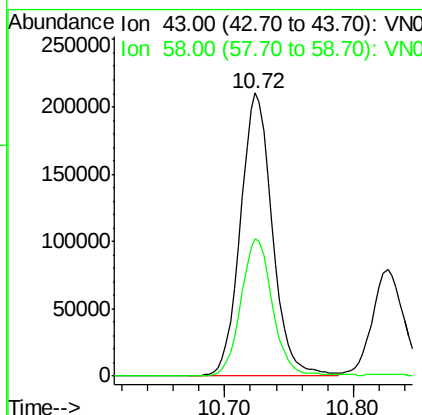
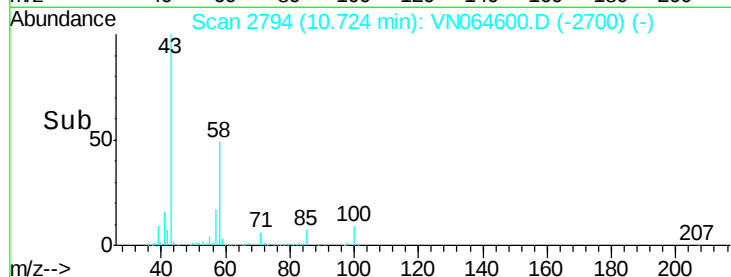
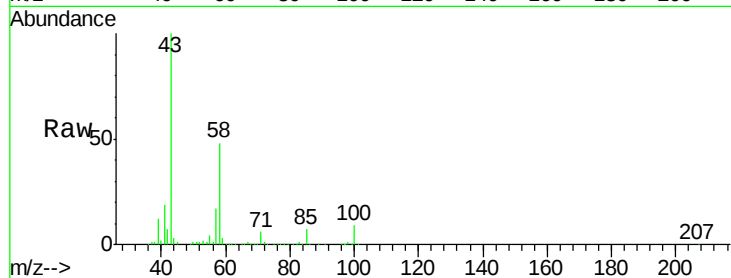
#59
2-Hexanone
Concen: 89.344 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion: 43 Resp: 358431
Ion Ratio Lower Upper
43 100
58 48.7 24.7 74.1

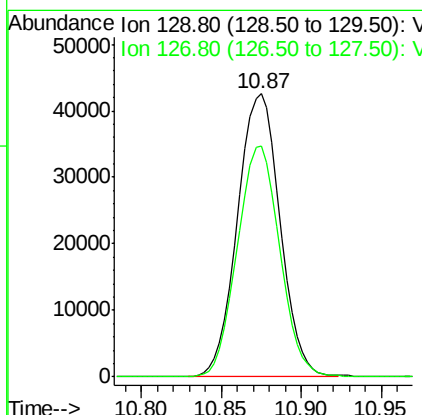
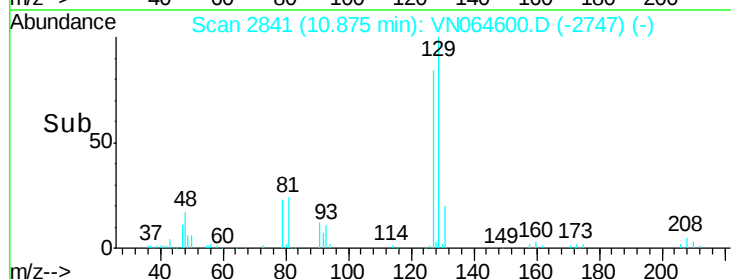
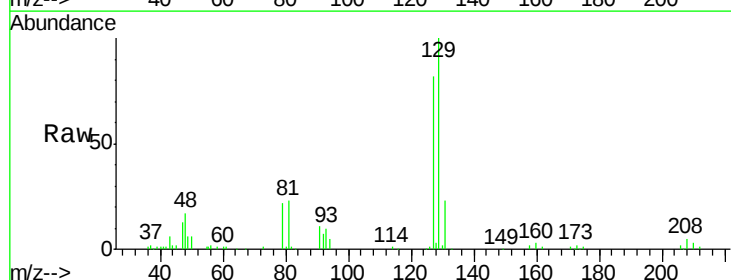
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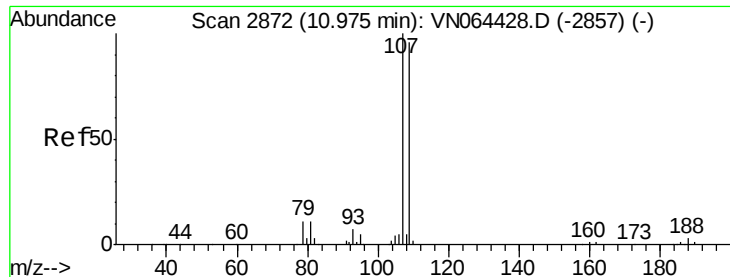
MMDadoda
11/13/2020 11:43:08 AM



#60
Dibromochloromethane
Concen: 18.411 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 129 Resp: 77278
Ion Ratio Lower Upper
129 100
127 81.6 38.9 116.7





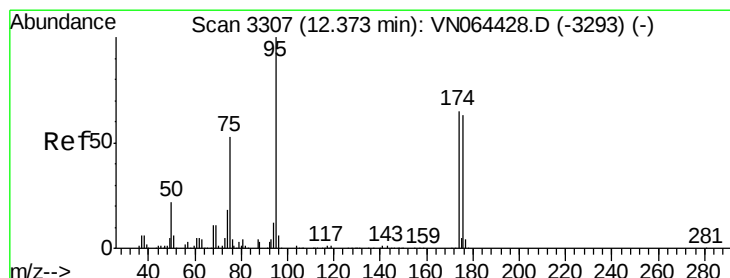
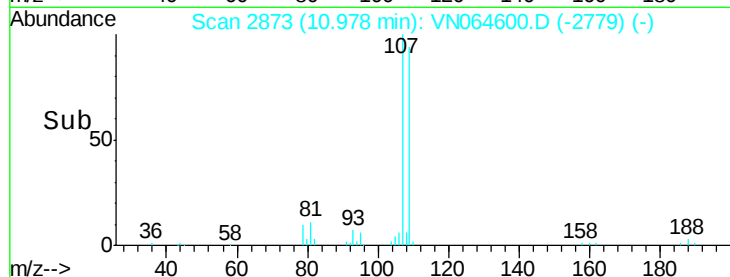
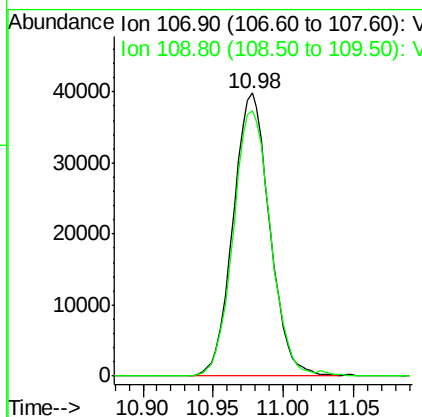
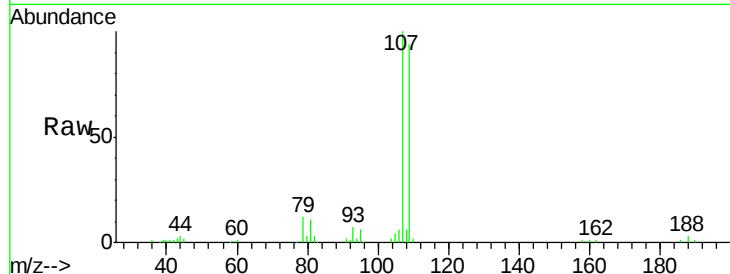
#61
 1,2-Dibromoethane
 Concen: 19.055 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion: 107 Resp: 72460
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.9 113.9

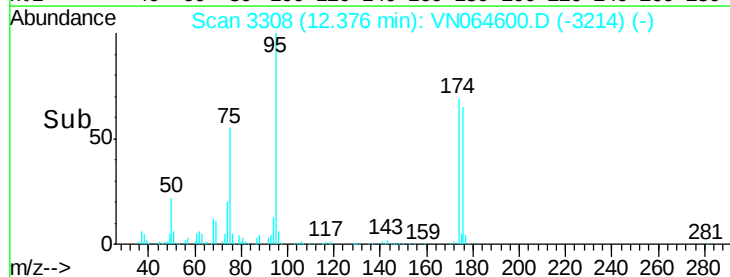
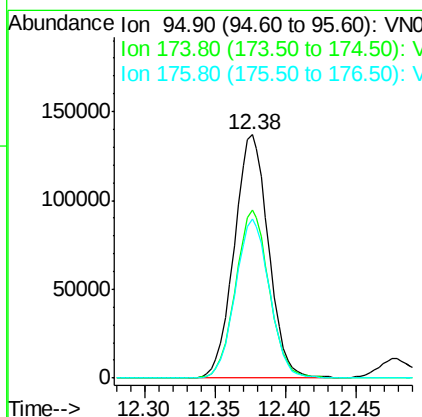
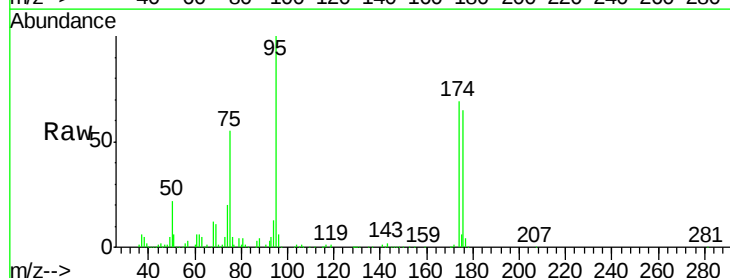
Manual Integrations
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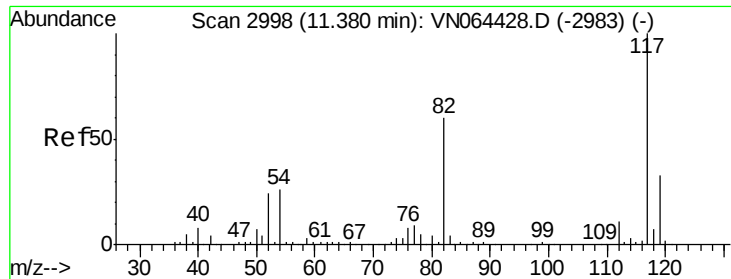
MMDadoda
 11/13/2020 11:43:08 AM



#62
 4-Bromofluorobenzene
 Concen: 46.102 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion: 95 Resp: 232946
 Ion Ratio Lower Upper
 95 100
 174 68.2 0.0 132.6
 176 65.3 0.0 129.2





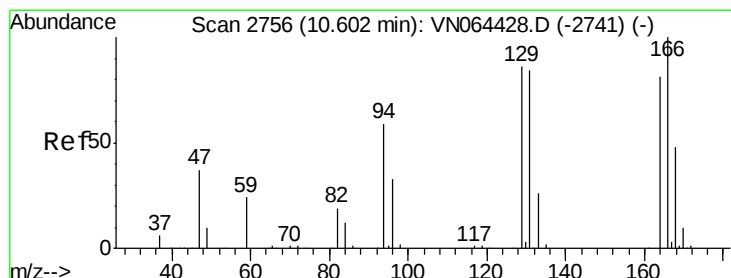
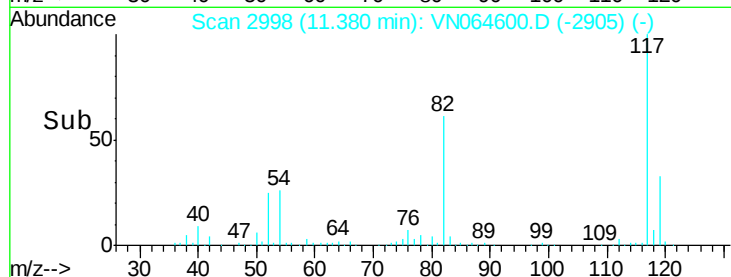
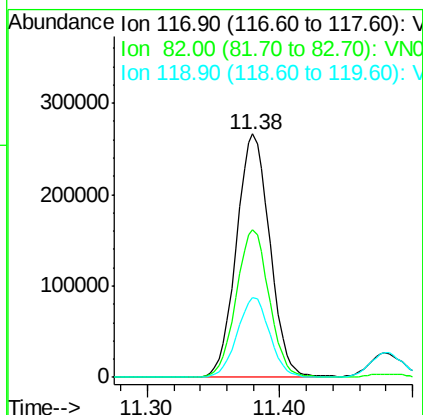
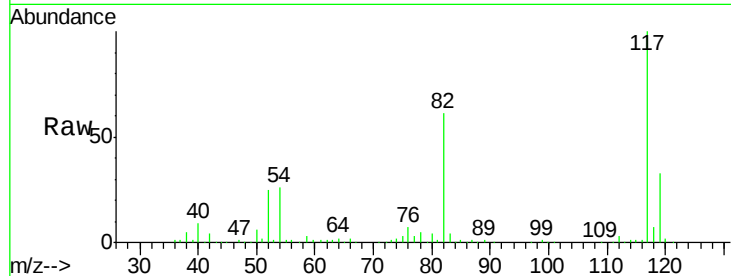
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	48.1	72.1
119	32.7	26.2	39.4

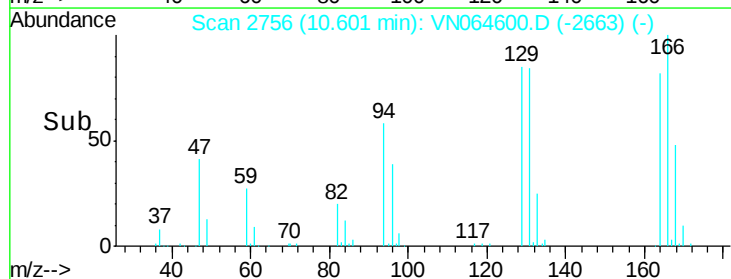
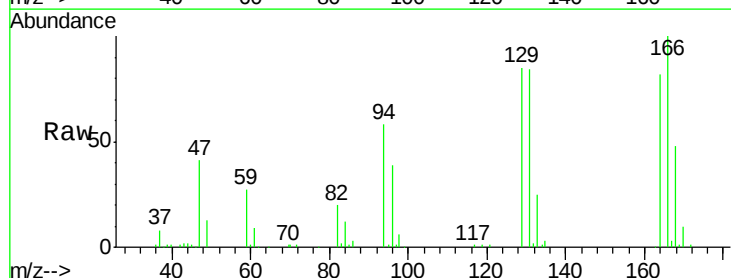
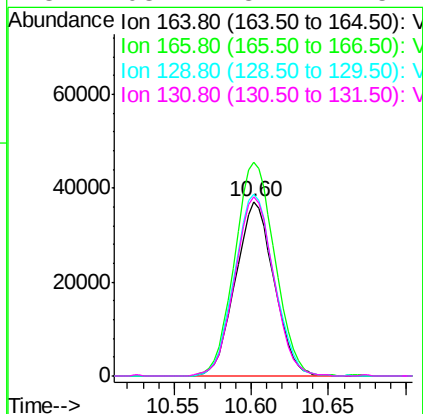
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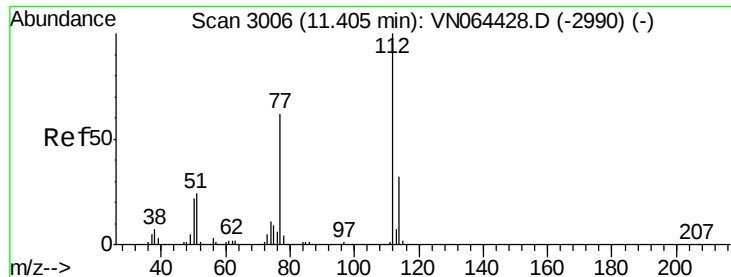
MMDadoda
11/13/2020 11:43:08 AM



#64
Tetrachloroethene
Concen: 17.888 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.7	98.2	147.2
129	104.5	84.6	127.0
131	103.2	82.2	123.2





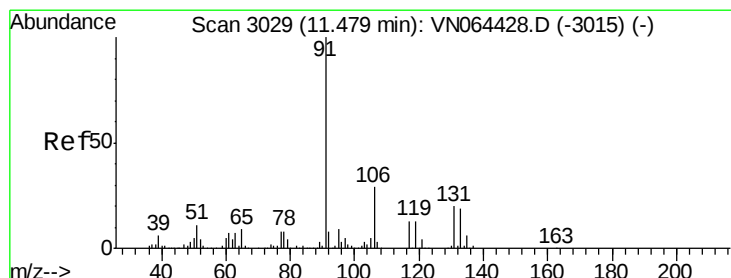
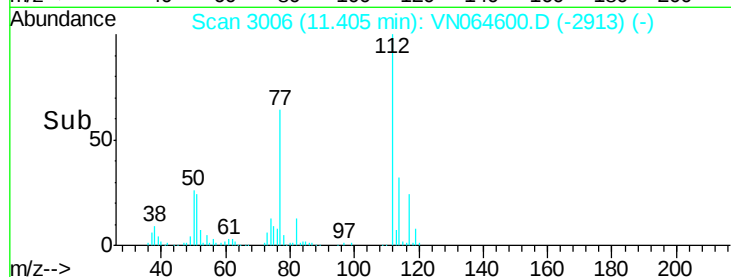
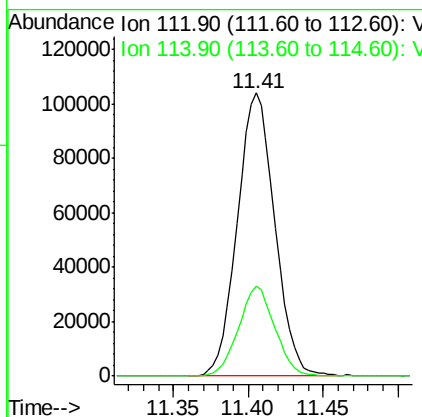
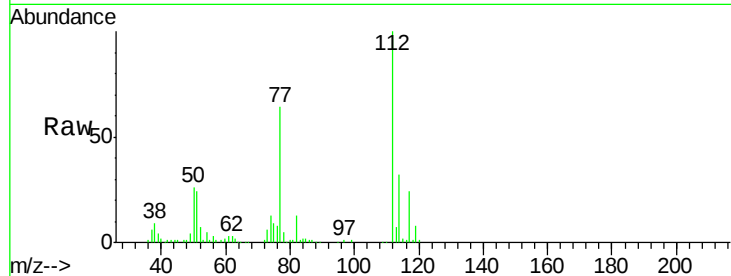
#65
Chlorobenzene
Concen: 17.683 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion:112 Resp: 180977
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4

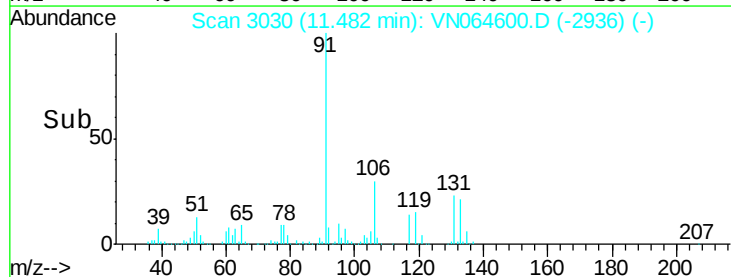
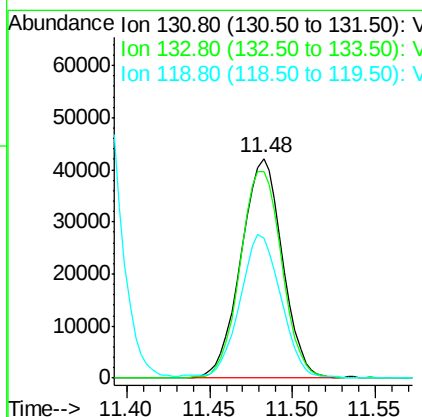
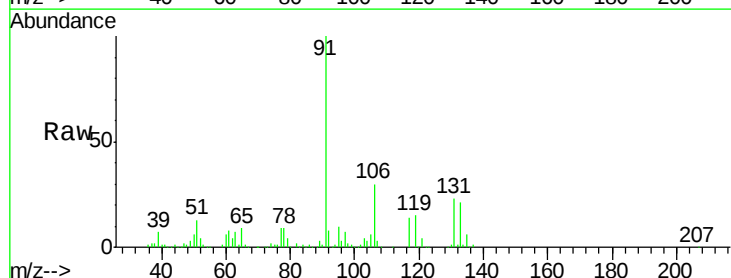
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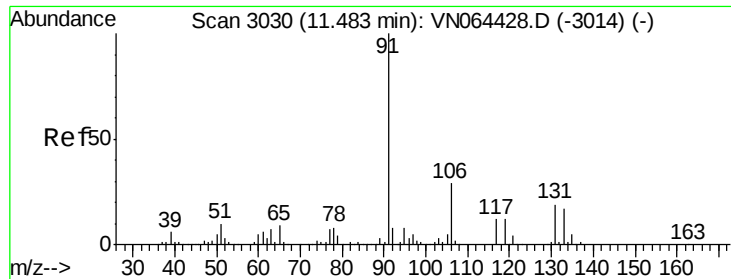
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.279 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion:131 Resp: 73612
Ion Ratio Lower Upper
131 100
133 94.5 46.9 140.7
119 64.5 32.1 96.5





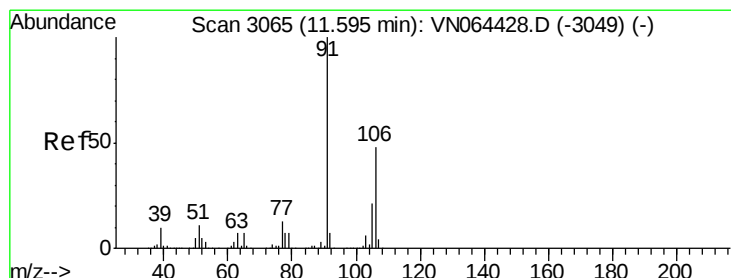
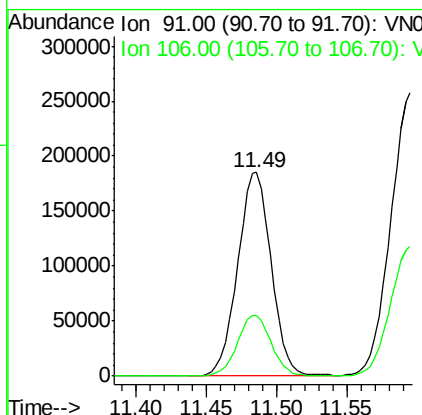
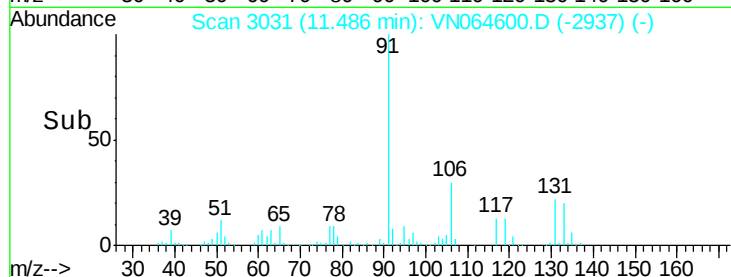
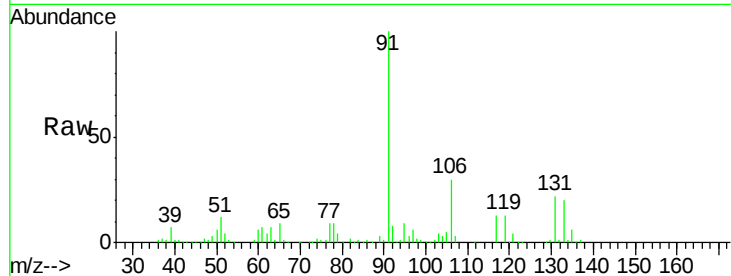
#67
Ethyl Benzene
Concen: 17.011 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion: 91 Resp: 309684
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4

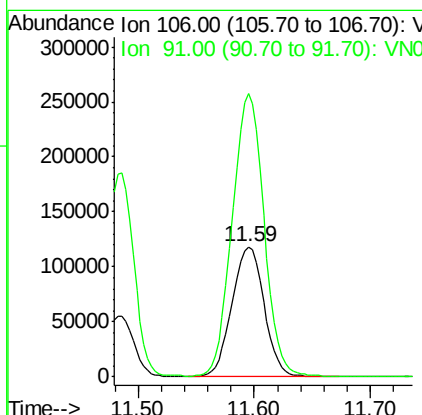
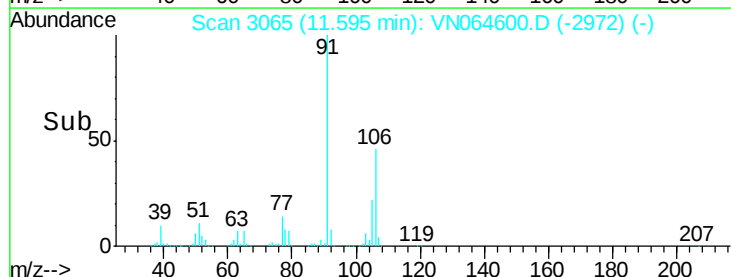
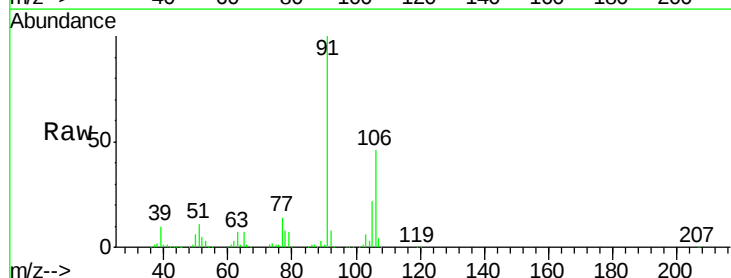
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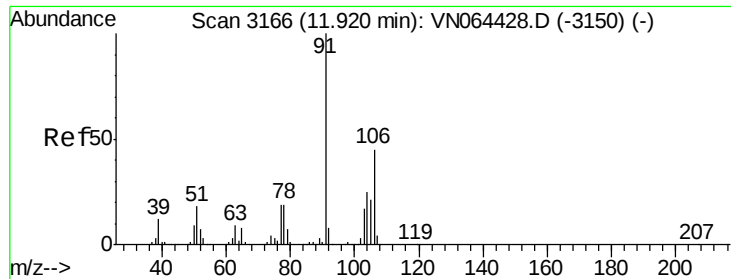
MMDadoda
11/13/2020 11:43:08 AM



#68
m/p-Xylenes
Concen: 34.311 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 106 Resp: 226530
Ion Ratio Lower Upper
106 100
91 214.9 169.4 254.2





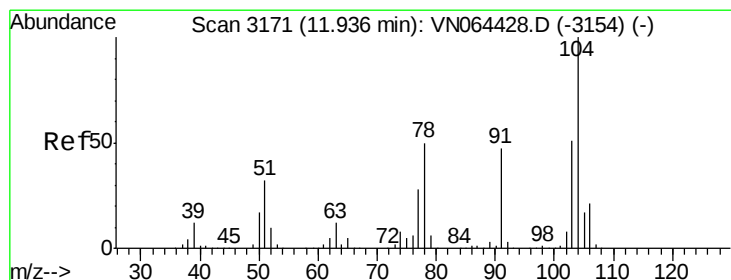
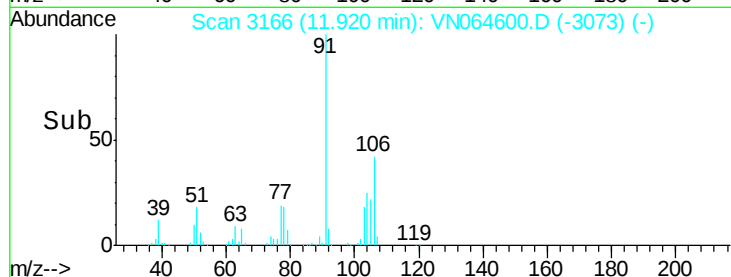
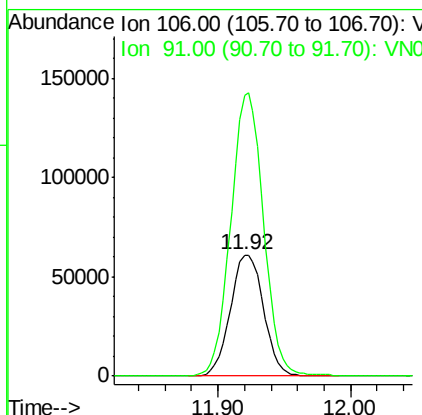
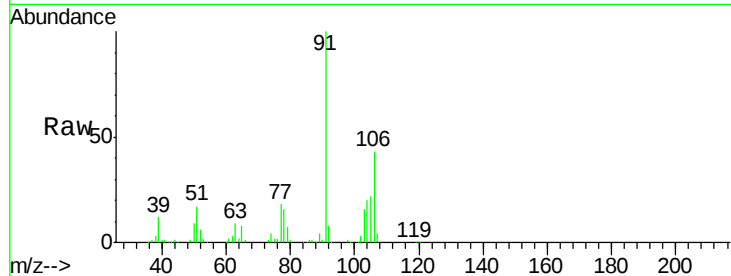
#69
o-Xylene
Concen: 16.702 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion:106 Resp: 106552
Ion Ratio Lower Upper
106 100
91 228.9 111.7 334.9

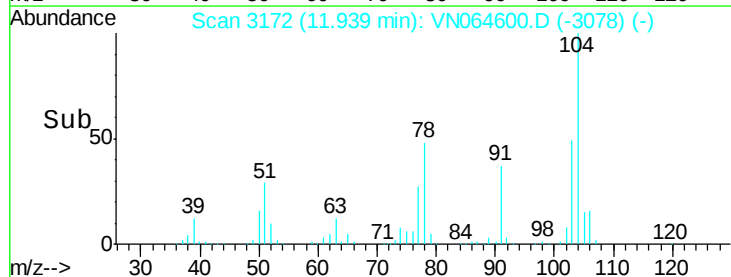
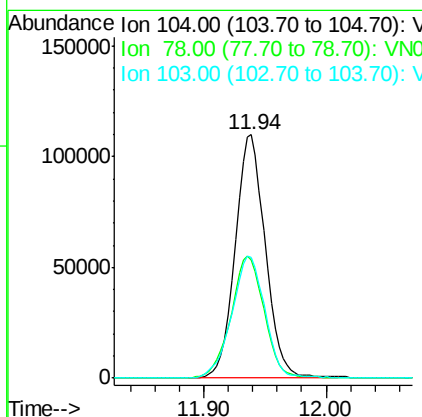
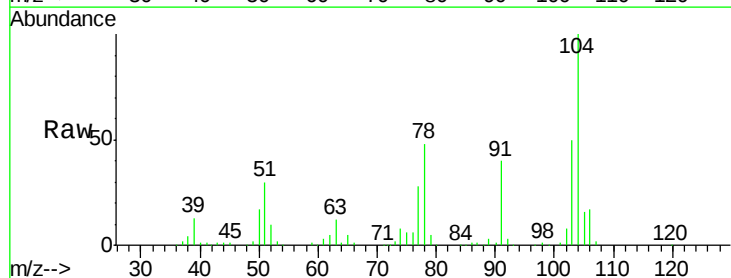
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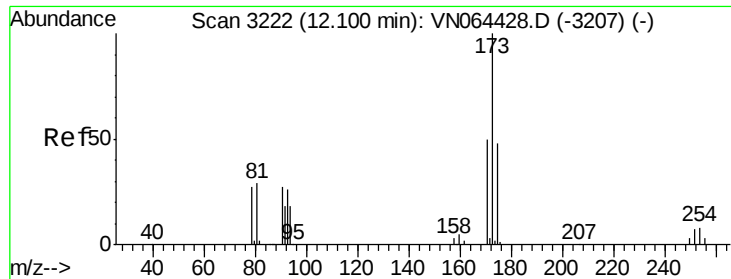
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#70
Styrene
Concen: 17.522 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion:104 Resp: 188107
Ion Ratio Lower Upper
104 100
78 55.3 44.0 66.0
103 54.8 43.8 65.6





#71

Bromoform

Concen: 18.771 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

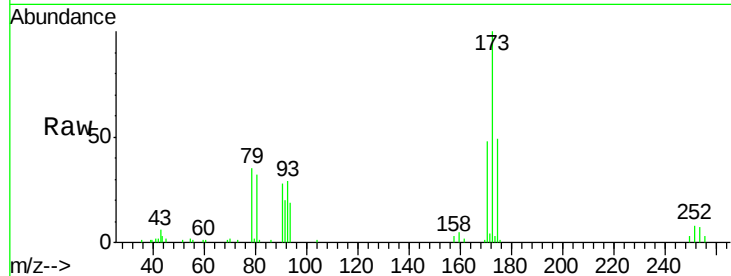
ClientSampleId :

VN1112WBS02

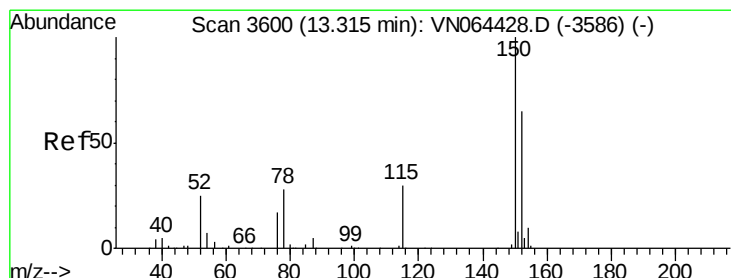
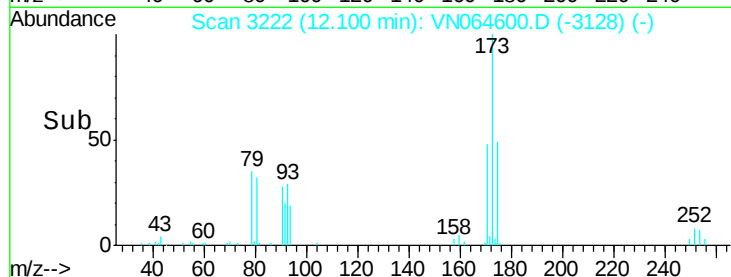
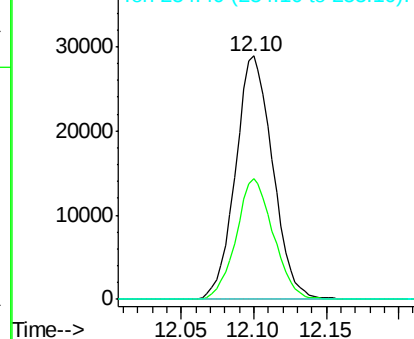
Tot Ion:	173	Resp:	51471
Ion	Ratio	Lower	Upper
173	100		
175	49.4	23.7	71.1
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

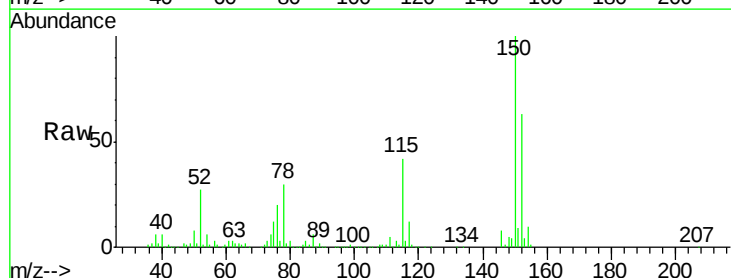
RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

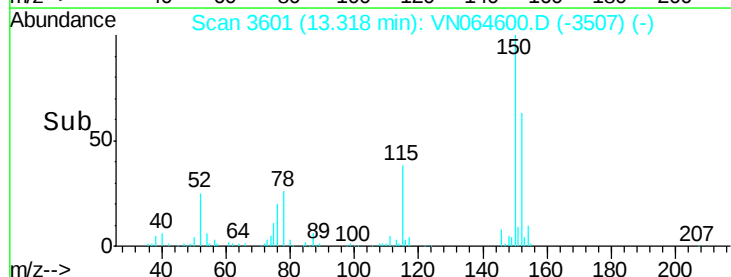
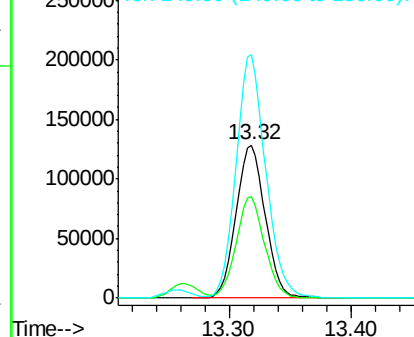
Lab File: VN064600.D

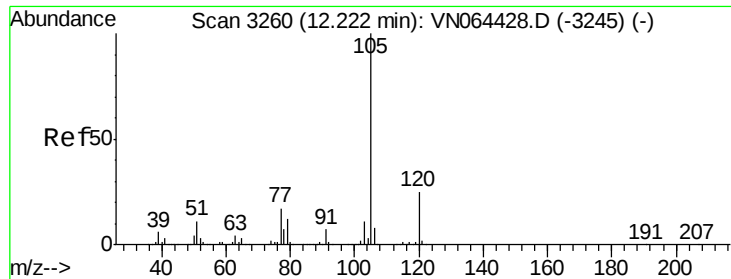
Acq: 13 Nov 2020 00:06

Tgt Ion:	152	Resp:	213495
Ion	Ratio	Lower	Upper
152	100		
115	64.5	32.0	96.0
150	160.9	0.0	353.8



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





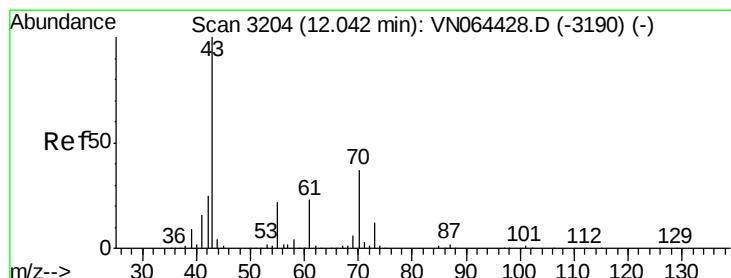
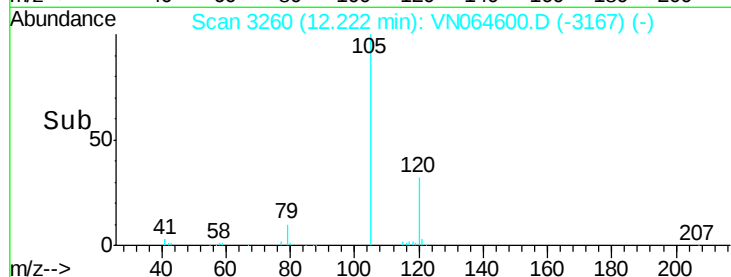
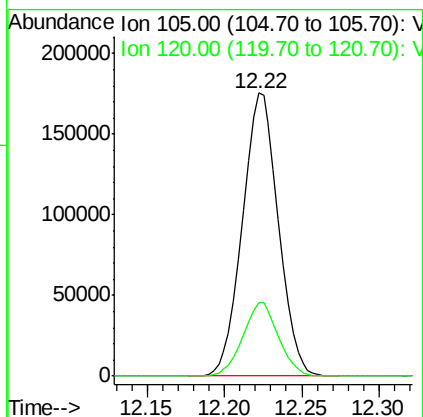
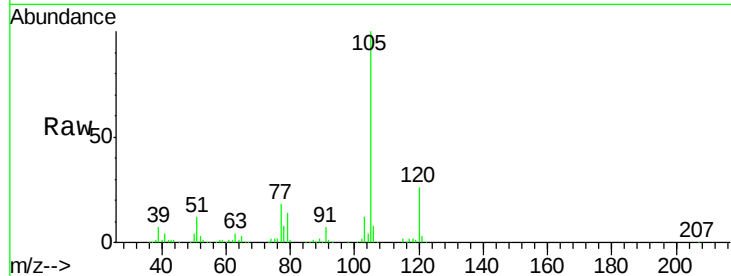
#73
Isopropylbenzene
Concen: 16.740 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.3

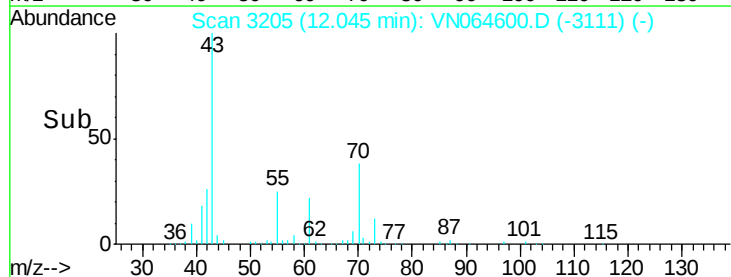
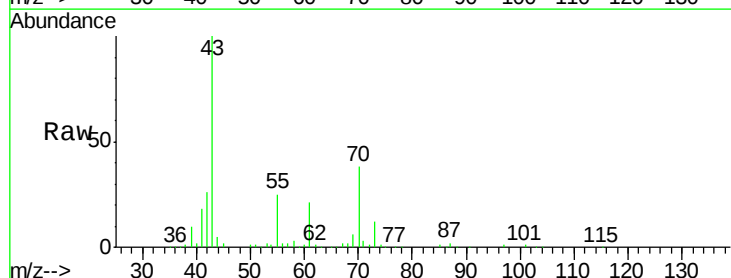
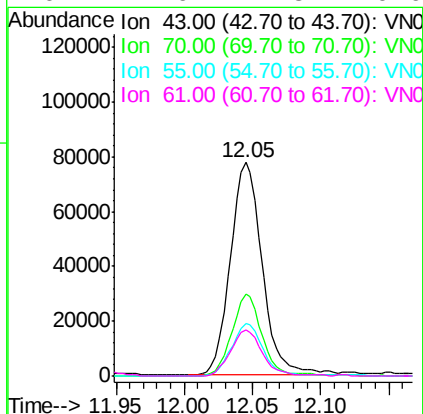
Manual Integrations
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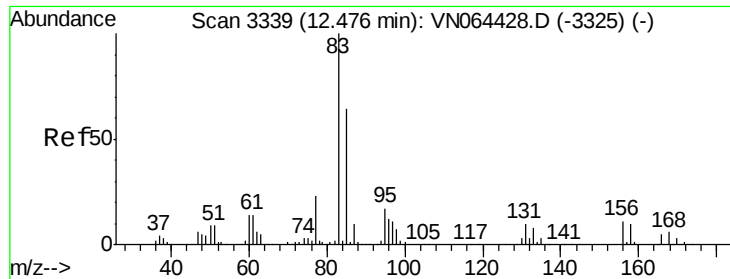
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#74
N-ethyl acetate
Concen: 16.050 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.9	29.6	44.4
55	24.5	18.4	27.6
61	21.6	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.679 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion: 83 Resp: 102572

Ion Ratio Lower Upper

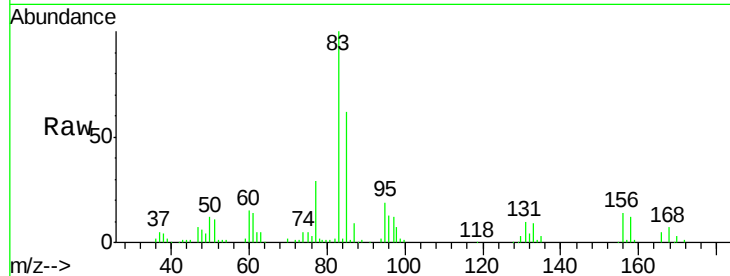
83 100

131 10.1 4.9 14.7

85 63.7 32.1 96.5

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11/13/2020 11:43:08 AM

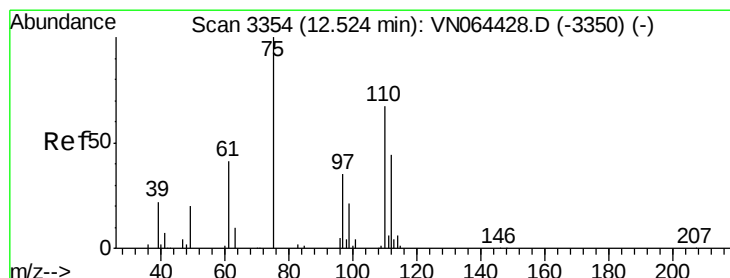
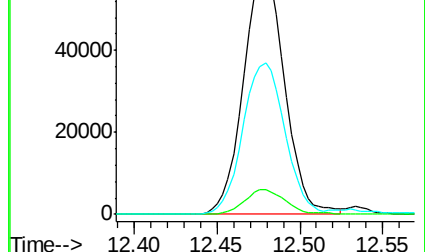
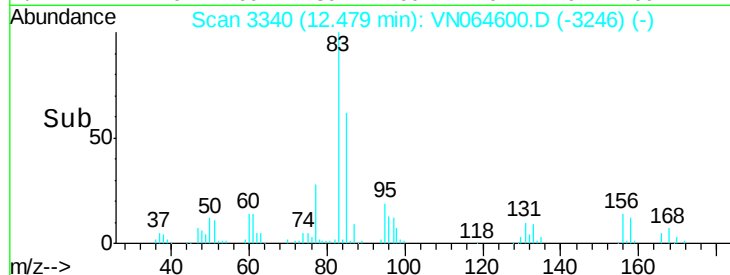


Abundance Ion 82.90 (82.60 to 83.60): VN064600.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064600.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064600.D (-3246) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 19.696 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064600.D

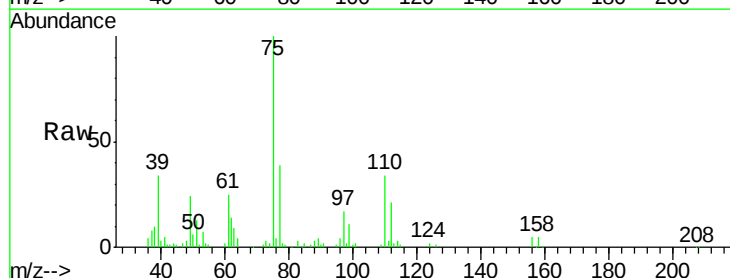
Acq: 13 Nov 2020 00:06

Tgt Ion: 75 Resp: 101881

Ion Ratio Lower Upper

75 100

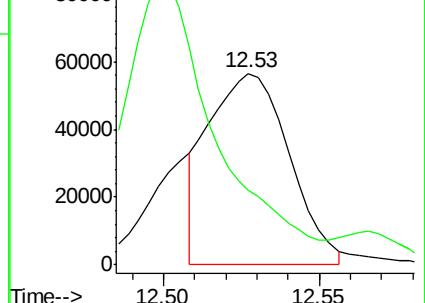
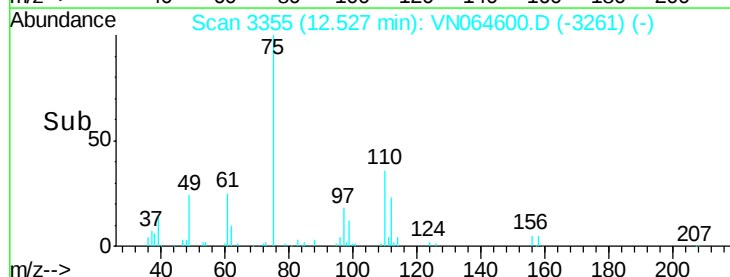
77 0.0 0.0 0.0

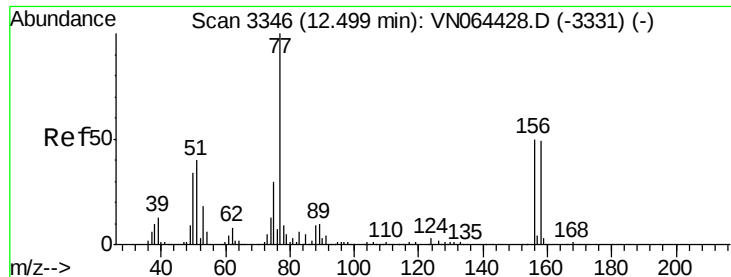


Abundance Ion 74.90 (74.60 to 75.60): VN064600.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN064600.D (-3261) (-)

Time-->





#77

Bromobenzene

Concen: 17.671 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion:156 Resp: 73208

Ion Ratio Lower Upper

156 100

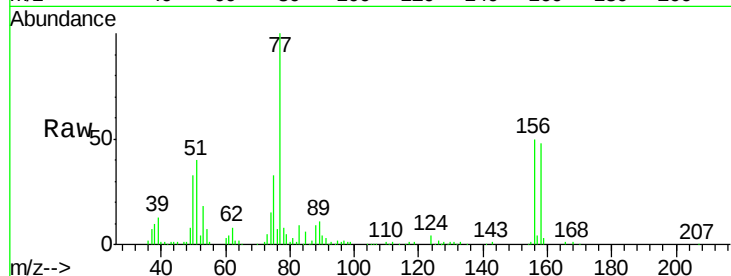
77 240.1 119.0 357.0

158 94.8 48.4 145.3

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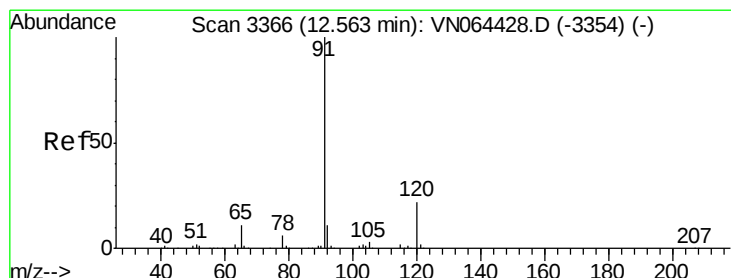
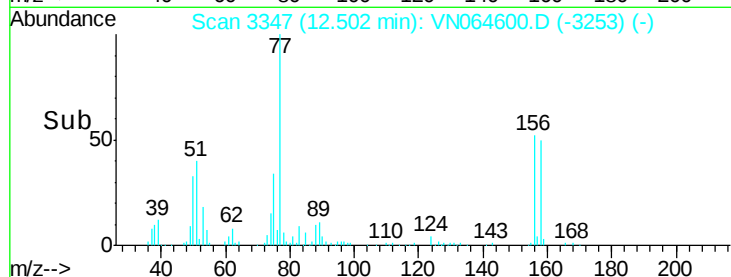
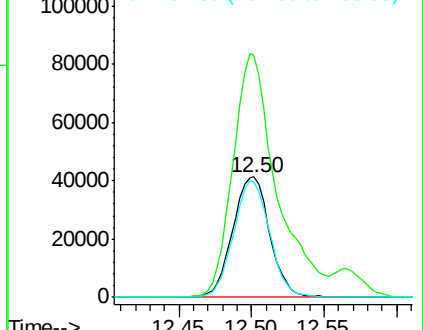
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.943 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064600.D

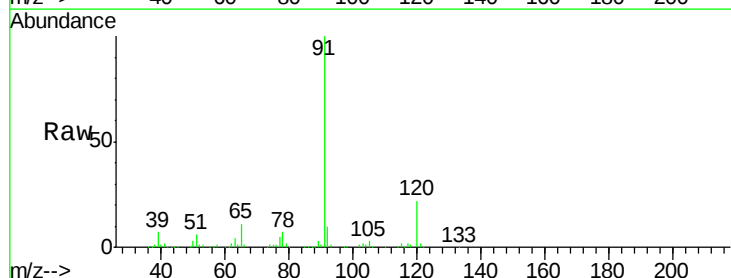
Acq: 13 Nov 2020 00:06

Tgt Ion: 91 Resp: 327785

Ion Ratio Lower Upper

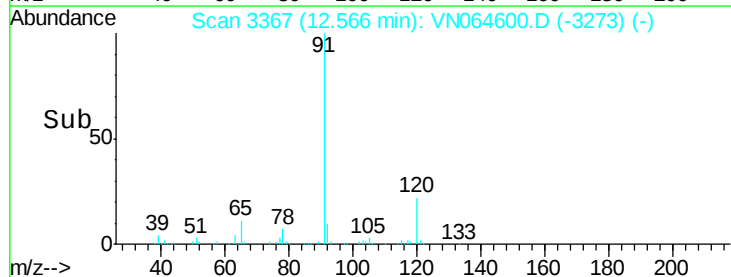
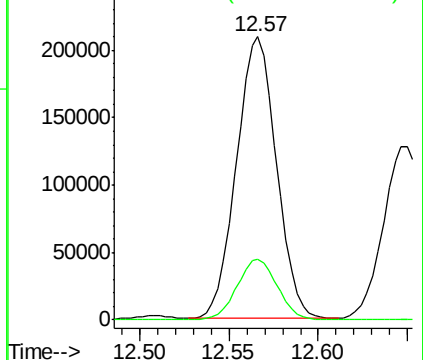
91 100

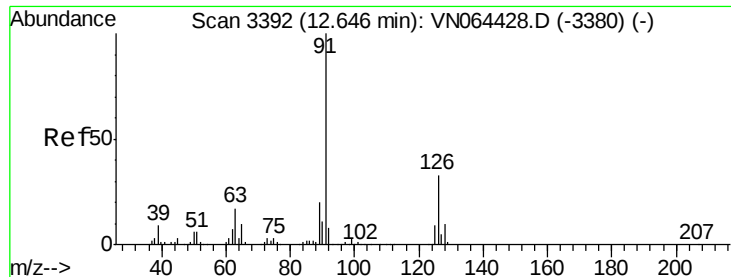
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.406 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

Tot Ion: 91 Resp: 213572

Ion Ratio Lower Upper

91 100

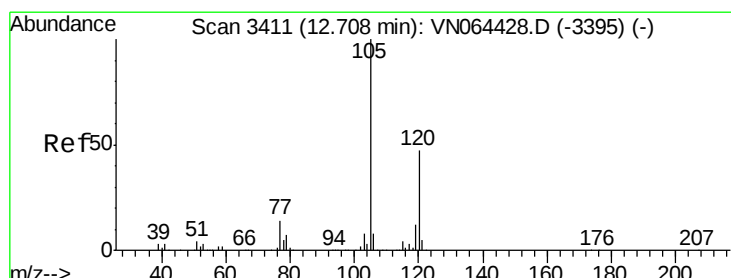
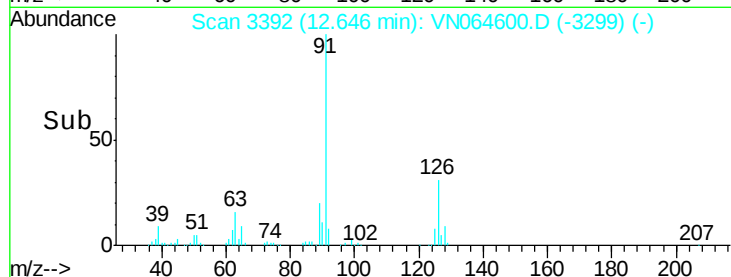
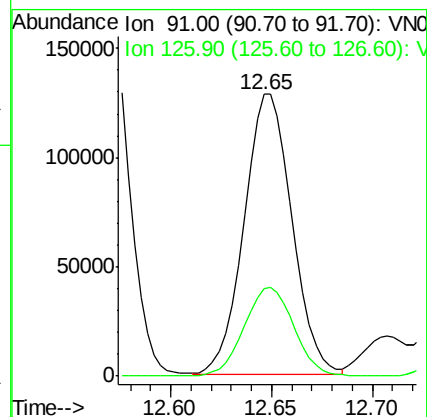
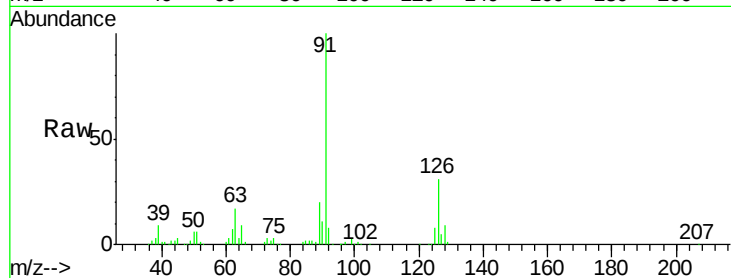
126 32.8 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 17.344 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064600.D

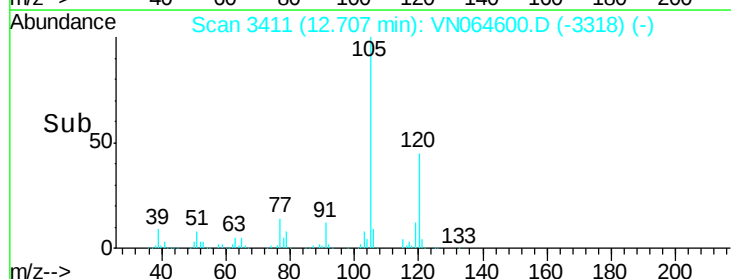
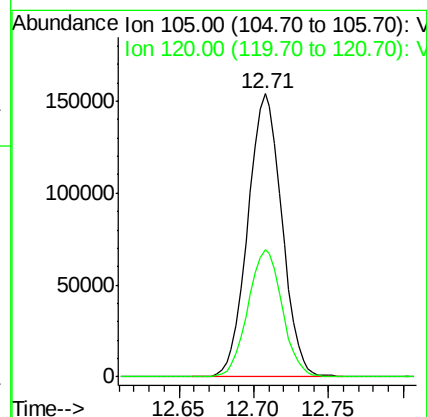
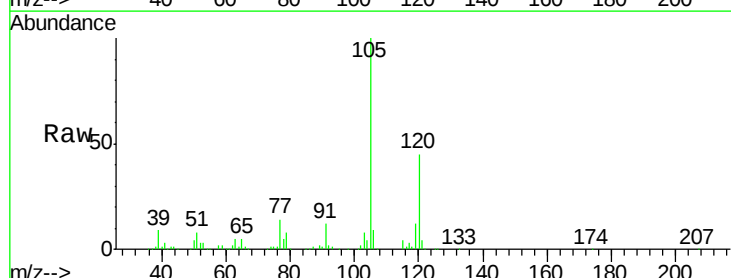
Acq: 13 Nov 2020 00:06

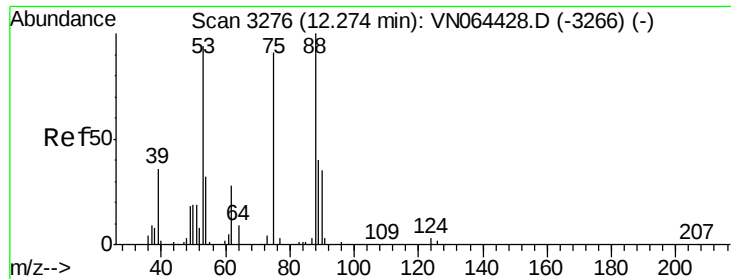
Tgt Ion: 105 Resp: 242805

Ion Ratio Lower Upper

105 100

120 45.6 23.4 70.2





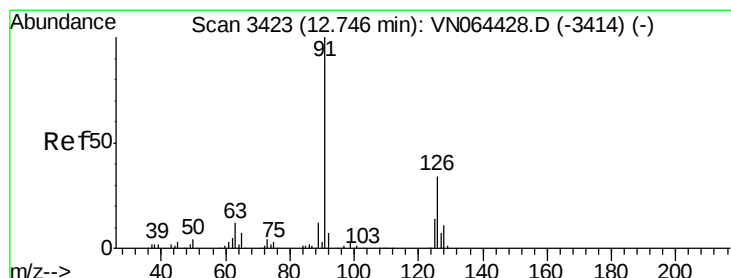
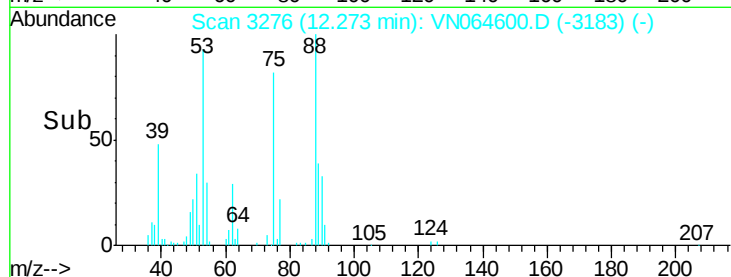
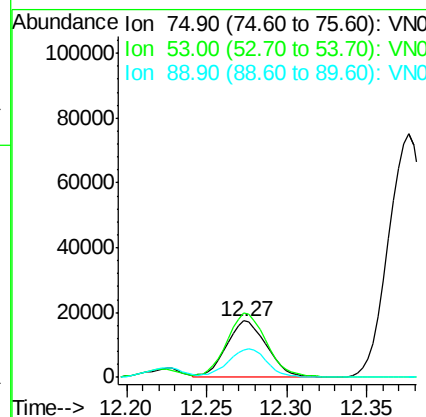
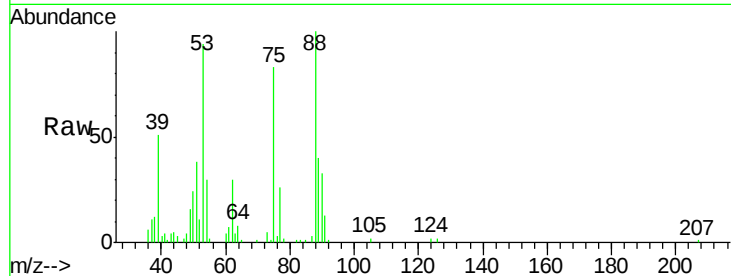
#81
trans-1,4-Dichloro-2-butene
Concen: 15.815 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.0	84.0	126.0
89	50.3	36.3	54.5

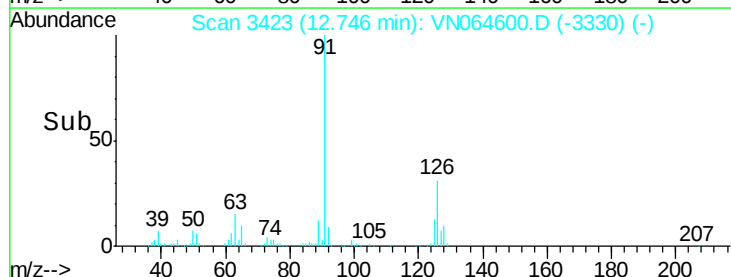
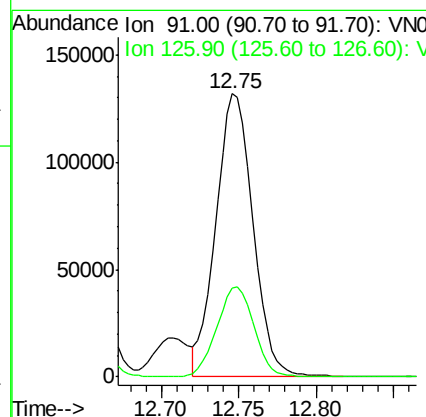
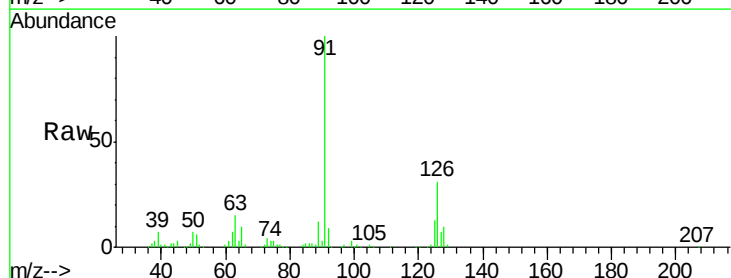
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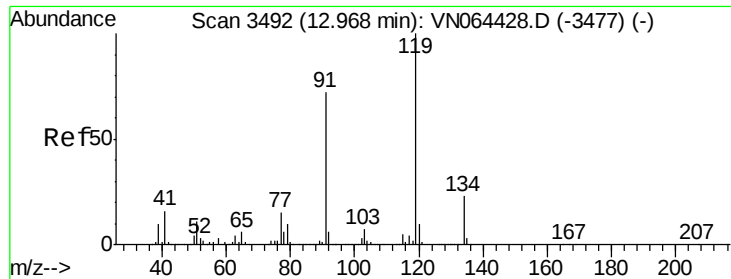
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#82
4-Chlorotoluene
Concen: 16.998 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	15.4	46.2





#83

tert-Butylbenzene

Concen: 17.229 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

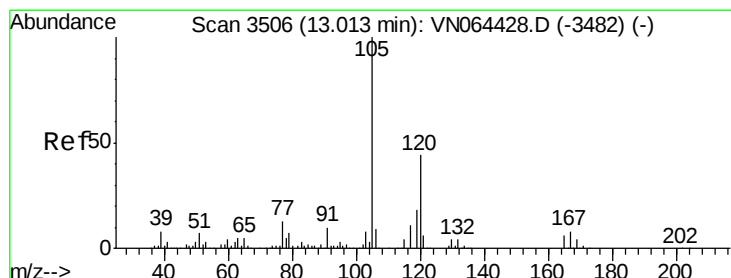
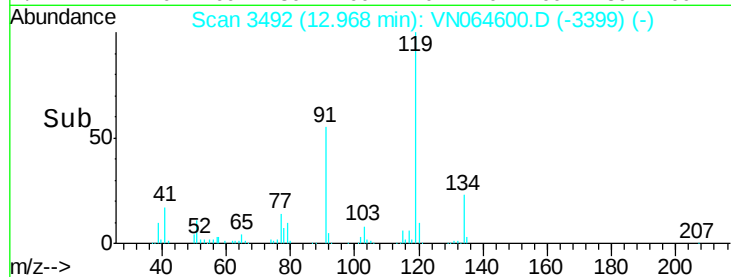
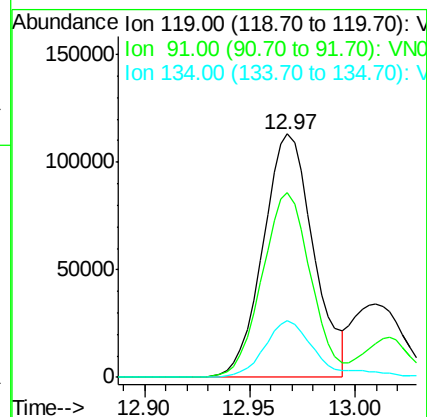
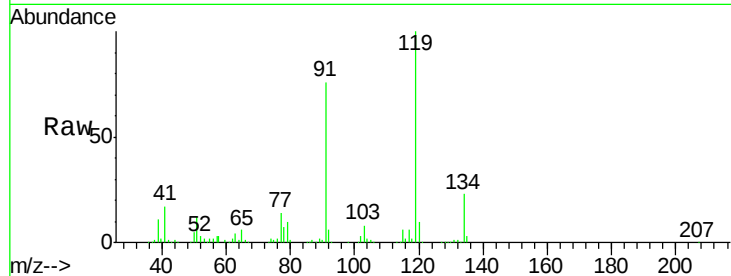
ClientSampleId :

VN1112WBS02

Tot Ion:	119	Resp:	188373
Ion Ratio	Lower	Upper	
119	100		
91	73.6	36.1	108.3
134	24.0	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 17.152 ug/l

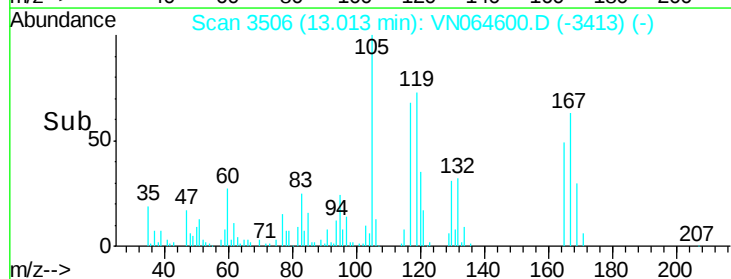
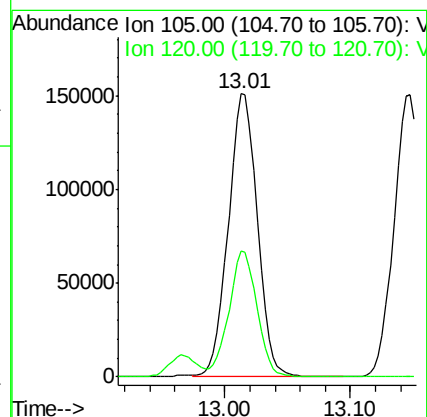
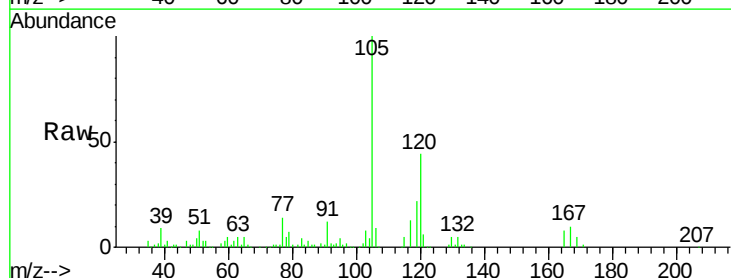
RT: 13.01 min Scan# 3506

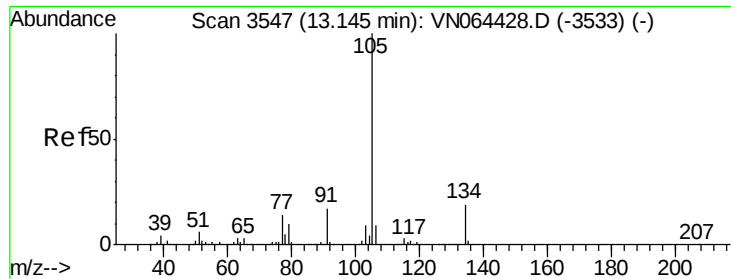
Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Tgt Ion:	105	Resp:	241375
Ion Ratio	Lower	Upper	
105	100		
120	43.3	21.9	65.7





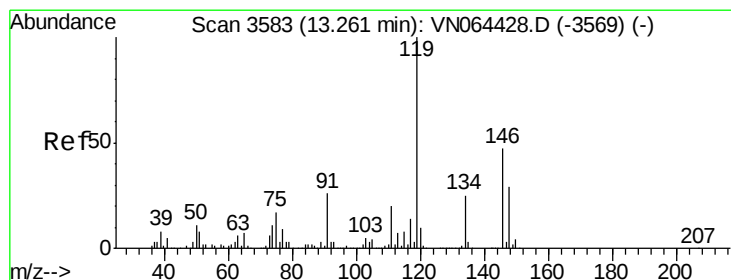
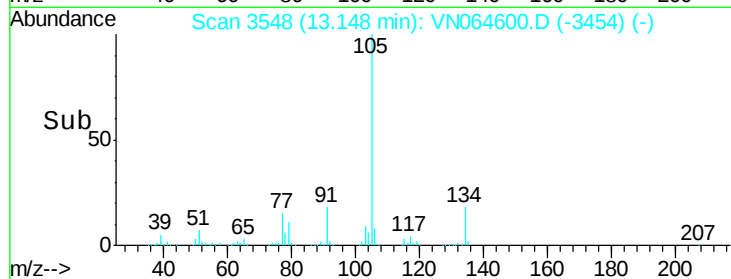
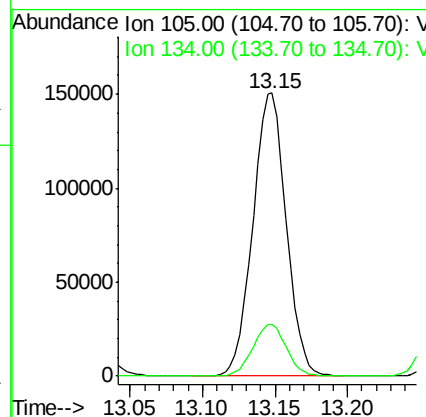
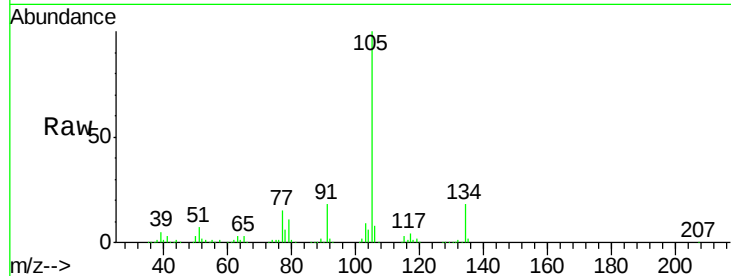
#85
 sec-Butylbenzene
 Concen: 17.351 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	240257		
134	18.5	9.4	28.2	

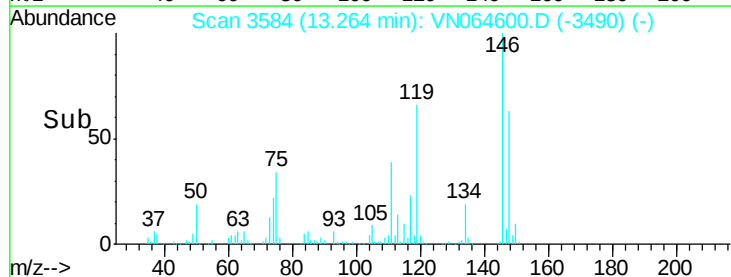
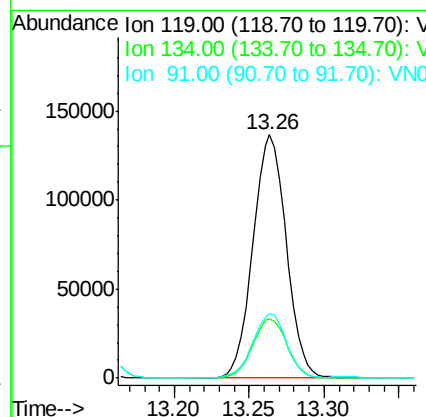
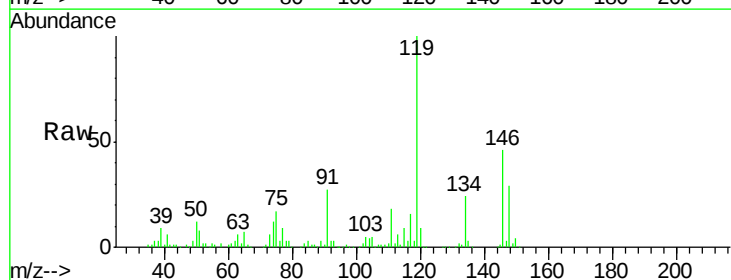
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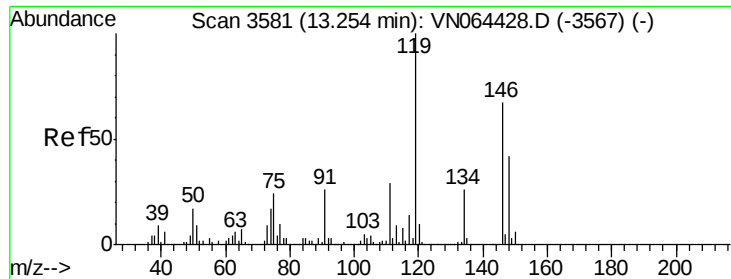
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#86
 p-Isopropyltoluene
 Concen: 17.047 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	212316		
134	25.1	12.6	37.6	
91	26.7	12.8	38.3	





#87

1,3-Dichlorobenzene

Concen: 17.685 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064600.D

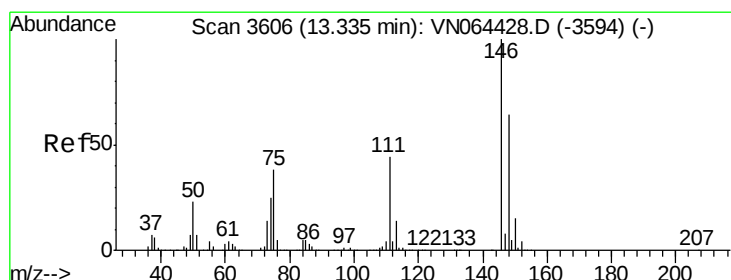
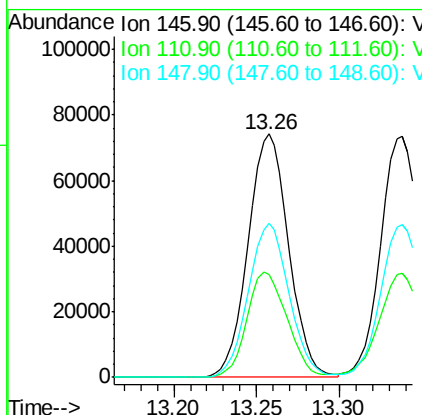
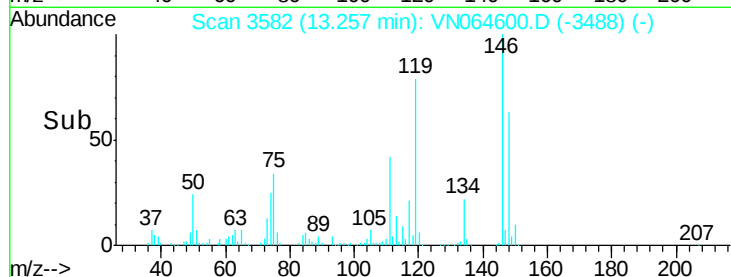
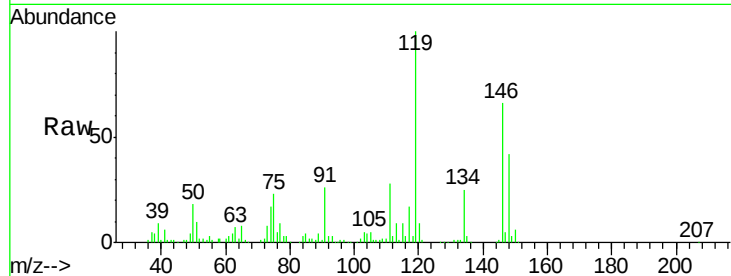
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	126651		
111	42.6	22.1	66.1	
148	63.7	31.7	95.1	

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#88

1,4-Dichlorobenzene

Concen: 16.643 ug/l

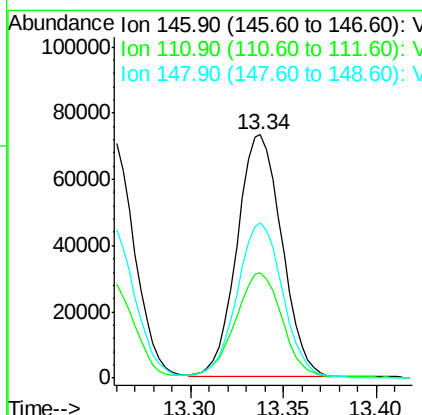
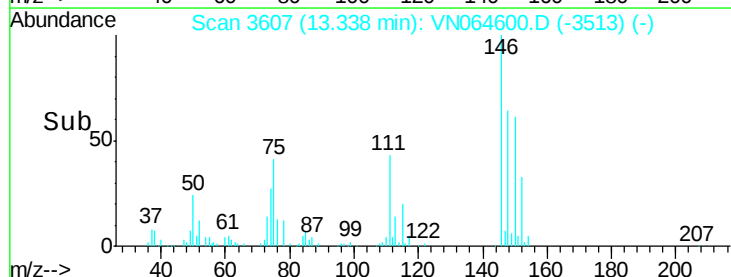
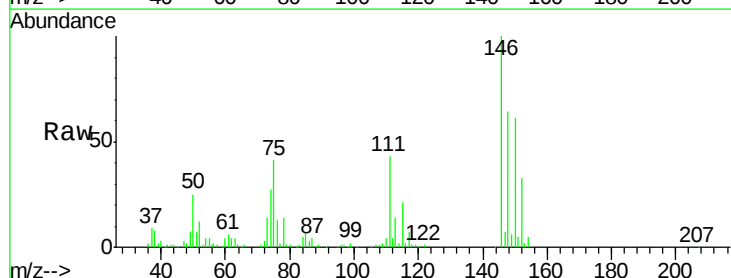
RT: 13.34 min Scan# 3607

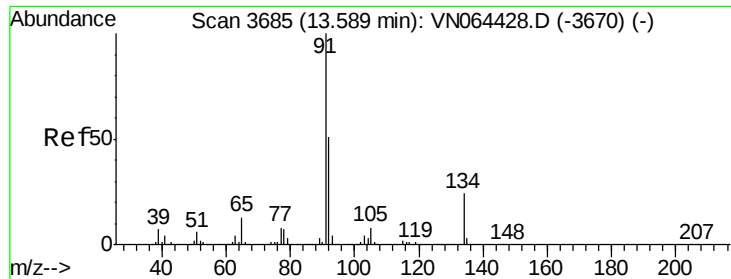
Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123178		
111	45.0	21.8	65.3	
148	65.9	32.4	97.2	





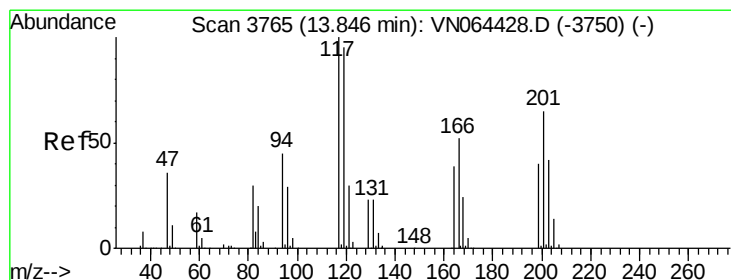
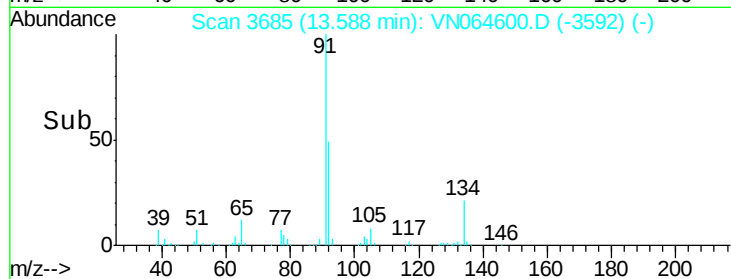
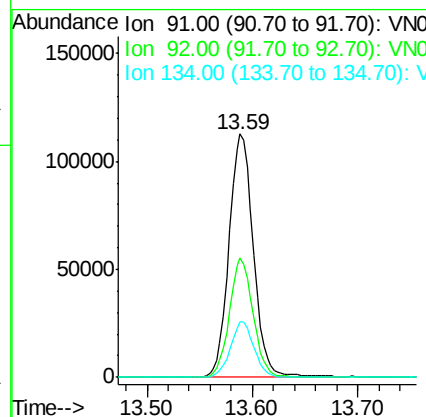
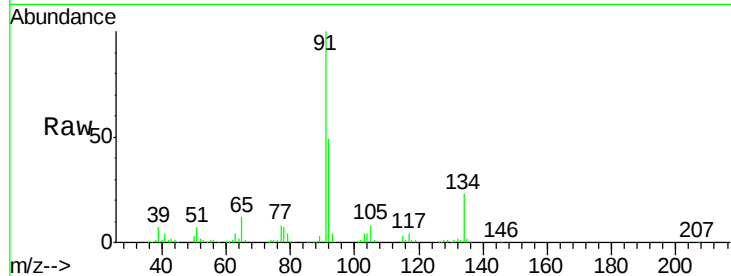
#89
n-Butylbenzene
Concen: 16.831 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	47.4	25.3	75.9
134	22.1	11.8	35.4

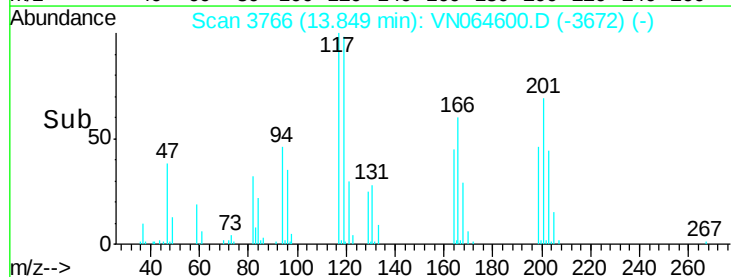
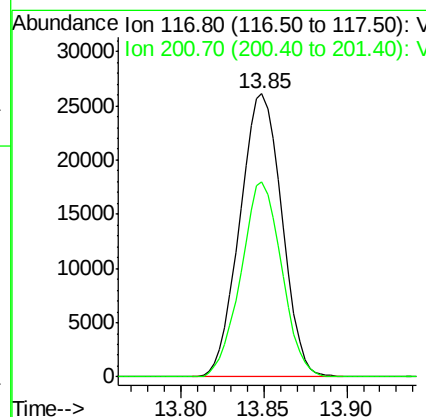
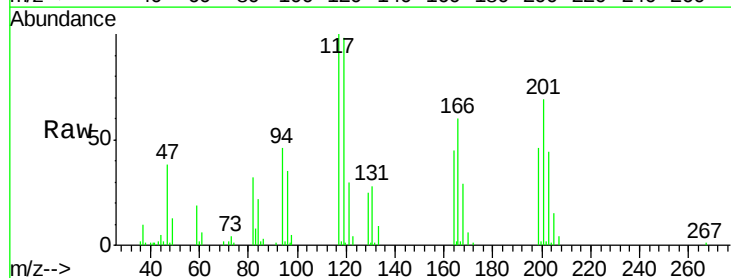
Manual Integrations
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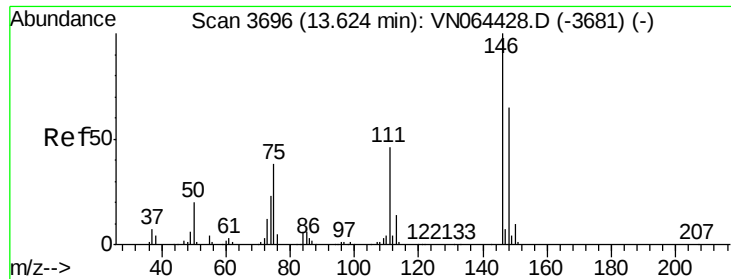
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#90
Hexachloroethane
Concen: 19.182 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.6	32.5	97.5





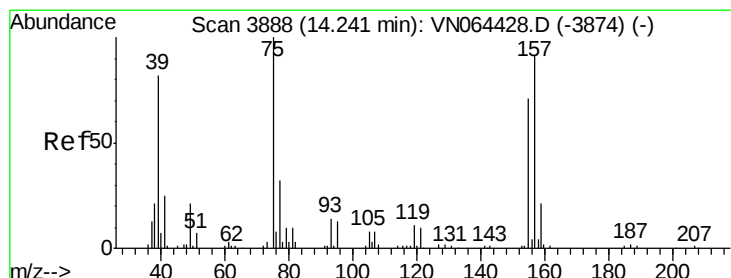
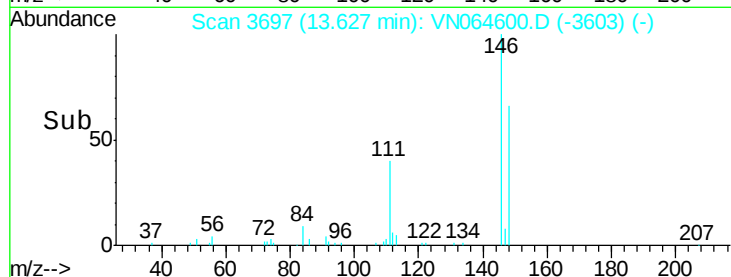
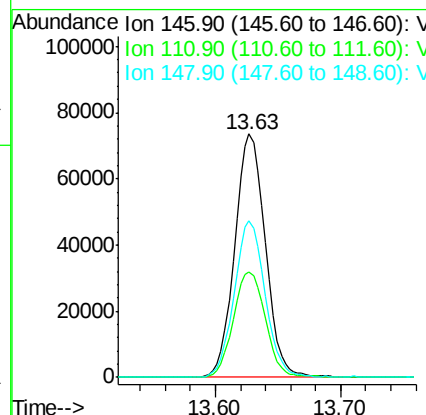
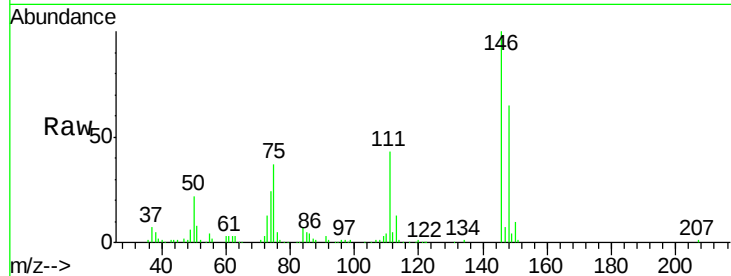
#91
 1,2-Dichlorobenzene
 Concen: 18.141 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.9	68.7
148	64.4	32.0	96.2

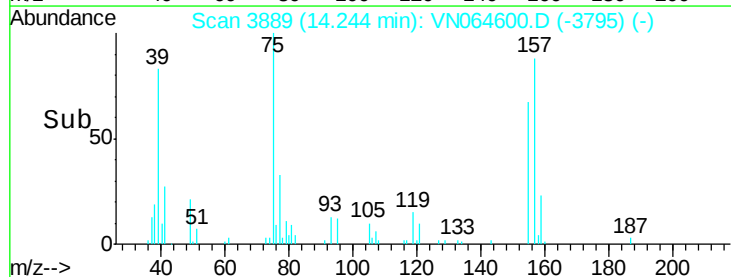
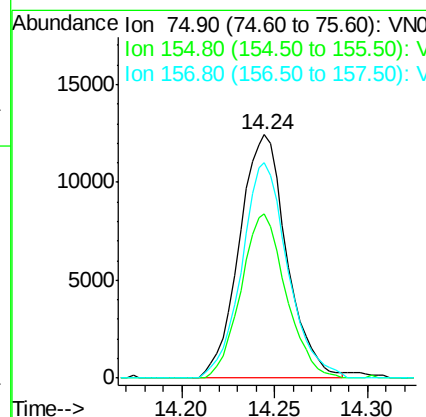
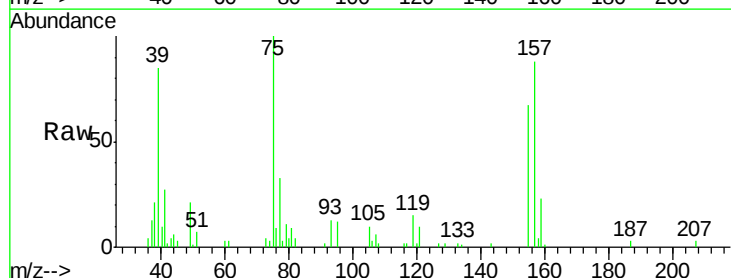
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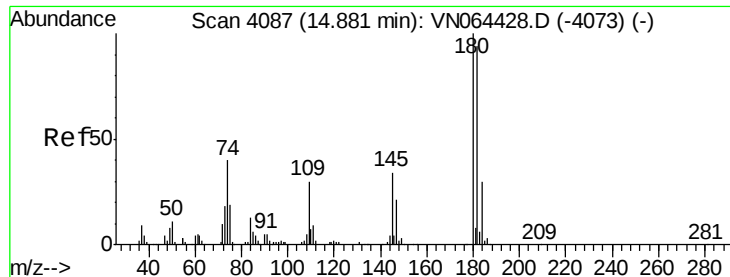
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.283 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	63.8	34.6	103.9
157	85.8	43.0	128.8





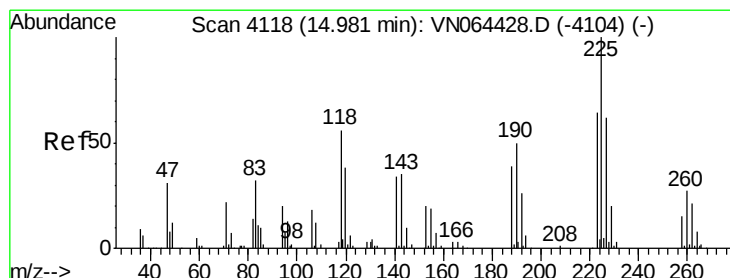
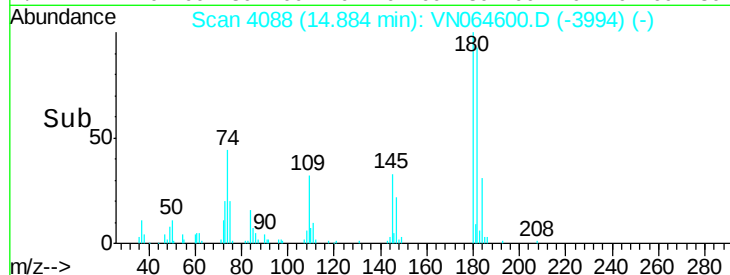
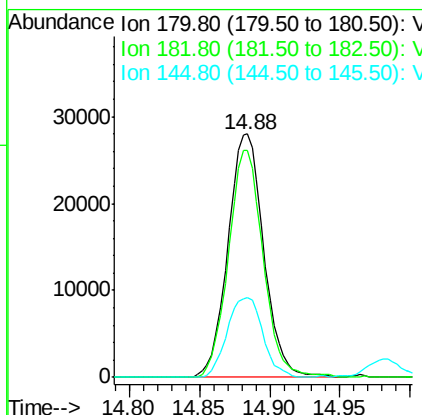
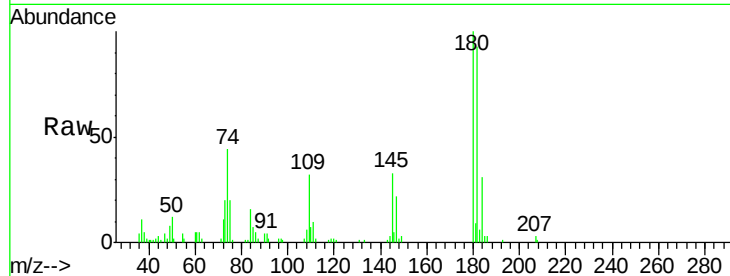
#93
 1,2,4-Trichlorobenzene
 Concen: 16.375 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.3	142.0
145	32.5	16.7	50.1

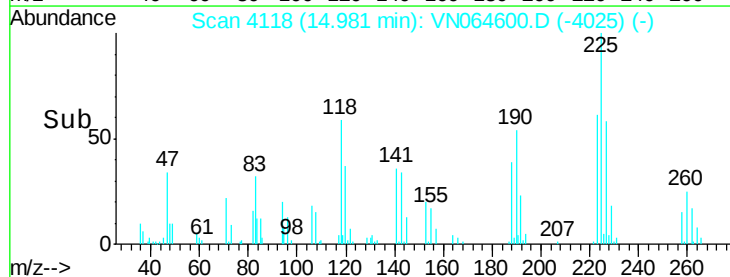
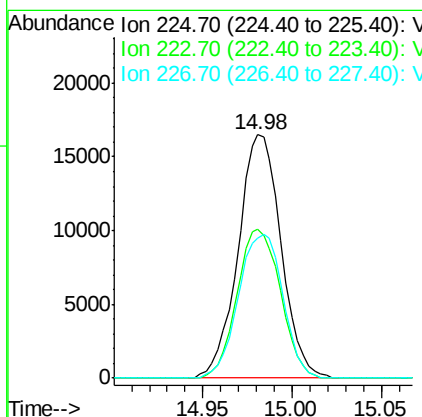
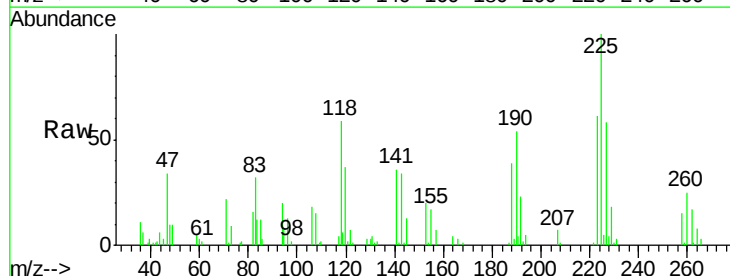
Manual Integrations
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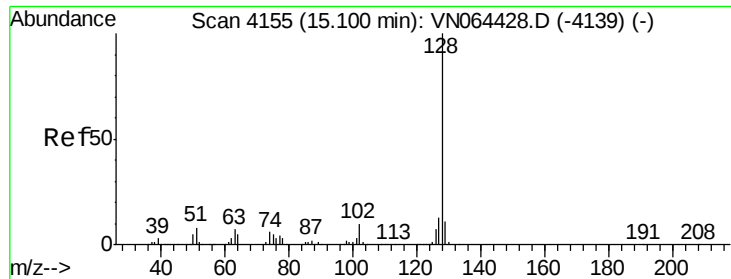
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#94
 Hexachlorobutadiene
 Concen: 19.715 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.8	95.4
227	61.1	31.8	95.4





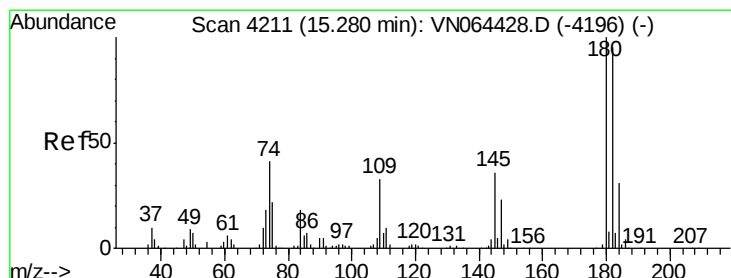
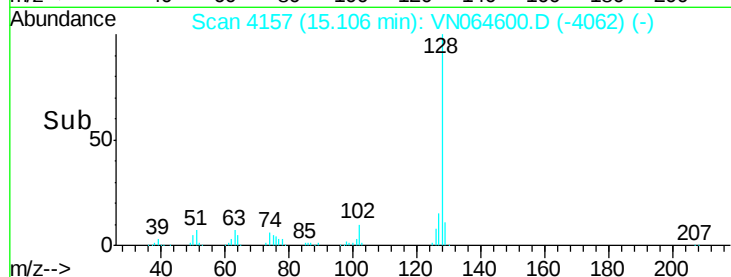
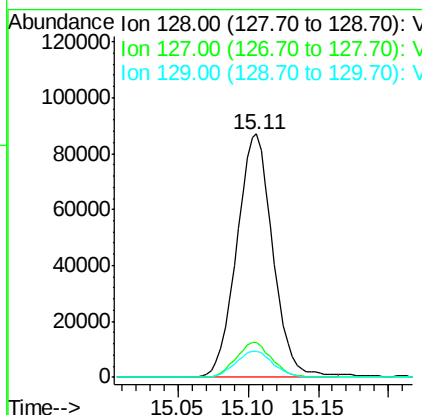
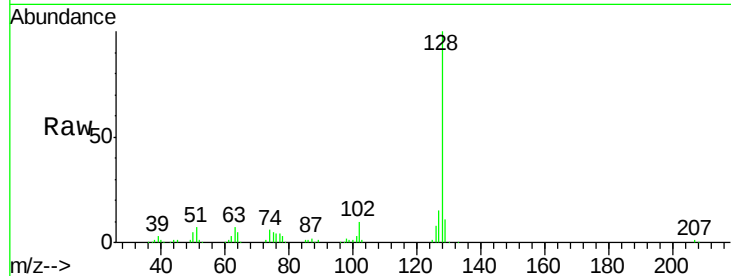
#95
Naphthalene
Concen: 15.949 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.5	15.7
129	11.1	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.690 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.7	143.1
145	36.1	18.3	54.8

