

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064323.D
 Acq On : 27 Oct 2020 13:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:35:41 PM

Quant Time: Oct 28 04:33:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	186419	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
35) Dibromofluoromethane	7.55	113	130483	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
50) Toluene-d8	10.06	98	481472	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
62) 4-Bromofluorobenzene	12.37	95	181691	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	159995	51.944	ug/l	98
3) Chloromethane	2.04	50	163129	48.993	ug/l	98
4) Vinyl Chloride	2.16	62	164687	51.136	ug/l	99
5) Bromomethane	2.53	94	107521	51.667	ug/l	98
6) Chloroethane	2.67	64	97083	50.448	ug/l	99
7) Trichlorofluoromethane	2.98	101	287971	53.374	ug/l	98
8) Diethyl Ether	3.37	74	86999	50.973	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	144986	53.466	ug/l	96
10) Methyl Iodide	3.91	142	188210	52.011	ug/l	99
11) Tert butyl alcohol	4.72	59	145823	233.285	ug/l	98
12) 1,1-Dichloroethene	3.69	96	131546	51.385	ug/l	97
13) Acrolein	3.56	56	29103	217.055	ug/l	95
14) Allyl chloride	4.27	41	269293	51.517	ug/l	97
15) Acrylonitrile	4.92	53	345654	257.139	ug/l	99
16) Acetone	3.77	43	378638	258.163	ug/l	98
17) Carbon Disulfide	4.01	76	390785	51.594	ug/l	98
18) Methyl Acetate	4.27	43	154513	47.768	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	510054	51.856	ug/l	94
20) Methylene Chloride	4.50	84	153110	50.137	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	147025	51.483	ug/l	96
22) Diisopropyl ether	5.90	45	534476	52.311	ug/l	95
23) Vinyl Acetate	5.84	43	2317623	268.120	ug/l	99
24) 1,1-Dichloroethane	5.80	63	290485	50.809	ug/l	99
25) 2-Butanone	6.78	43	543305	251.291	ug/l	97
26) 2,2-Dichloropropane	6.77	77	289239	51.692	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	170143	52.059	ug/l	98
28) Bromochloromethane	7.15	49	135472	49.734	ug/l	96
29) Tetrahydrofuran	7.16	42	331843	236.425	ug/l	98
30) Chloroform	7.33	83	307361	50.366	ug/l	96
31) Cyclohexane	7.61	56	253841	50.793	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	290738	49.614	ug/l	98
36) 1,1-Dichloropropene	7.75	75	230982	53.440	ug/l	99
37) Ethyl Acetate	6.88	43	222212	50.897	ug/l	98
38) Carbon Tetrachloride	7.73	117	267593	53.401	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	237963	55.524	ug/l	96
40) Benzene	8.00	78	628075	52.204	ug/l	99
41) Methacrylonitrile	7.12	41	90074	41.561	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	271051	52.154	ug/l	100
43) Isopropyl Acetate	8.12	43	386204	51.748	ug/l #	91
44) Trichloroethene	8.80	130	174546	55.381	ug/l	98
45) 1,2-Dichloropropane	9.08	63	165588	51.397	ug/l	99
46) Dibromomethane	9.17	93	119965	53.226	ug/l	100
47) Bromodichloromethane	9.37	83	251738	50.398	ug/l	100
48) Methyl methacrylate	9.16	41	192267	49.932	ug/l	98
49) 1,4-Dioxane	9.16	88	57129	1006.596	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	1098874	253.299	ug/l	99
52) Toluene	10.12	92	400924	52.809	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	285787	54.111	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	296603	54.556	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	154900	51.689	ug/l	98
56) Ethyl methacrylate	10.40	69	244005	53.788	ug/l	97
57) 1,3-Dichloropropane	10.68	76	271524	53.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	551137	222.637	ug/l	98
59) 2-Hexanone	10.72	43	825185	258.264	ug/l	99
60) Dibromochloromethane	10.87	129	193891	54.721	ug/l	99
61) 1,2-Dibromoethane	10.98	107	164806	53.972	ug/l	99
64) Tetrachloroethene	10.60	164	167096	52.137	ug/l	97
65) Chlorobenzene	11.41	112	435487	55.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	172880	54.105	ug/l	96
67) Ethyl Benzene	11.48	91	809023	55.045	ug/l	98
68) m/p-Xylenes	11.59	106	596885	109.586	ug/l	100
69) o-Xylene	11.92	106	285152	54.341	ug/l	99
70) Styrene	11.94	104	483851	56.238	ug/l	99
71) Bromoform	12.10	173	136200	54.310	ug/l #	96
73) Isopropylbenzene	12.22	105	773022	53.289	ug/l	100
74) N-amyl acetate	12.04	43	332014	51.998	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	206859	49.058	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	226240m	48.778	ug/l	
77) Bromobenzene	12.50	156	187063	52.662	ug/l	98
78) n-propylbenzene	12.56	91	883625	53.803	ug/l	100
79) 2-Chlorotoluene	12.65	91	546371	52.043	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	654306	53.306	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	82650	51.329	ug/l	98
82) 4-Chlorotoluene	12.75	91	580447	54.273	ug/l	100
83) tert-Butylbenzene	12.97	119	531127	52.732	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	665953	54.298	ug/l	99
85) sec-Butylbenzene	13.14	105	693024	53.170	ug/l	100
86) p-Isopropyltoluene	13.26	119	637400	54.282	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	330397	53.131	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	332642	52.520	ug/l	99
89) n-Butylbenzene	13.59	91	570790	55.178	ug/l	100
90) Hexachloroethane	13.85	117	119201	54.052	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	332396	53.765	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53083	50.735	ug/l	97

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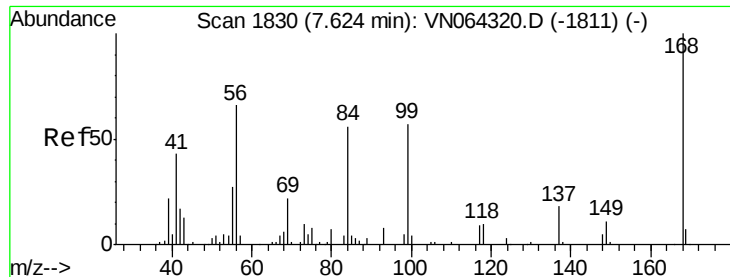
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	190287	53.410	ug/l	97
94) Hexachlorobutadiene	14.98	225	104479	55.069	ug/l	98
95) Naphthalene	15.10	128	535003	48.917	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	176743	51.534	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

Tot Ion:168 Resp: 267955

Ion Ratio Lower Upper

168 100

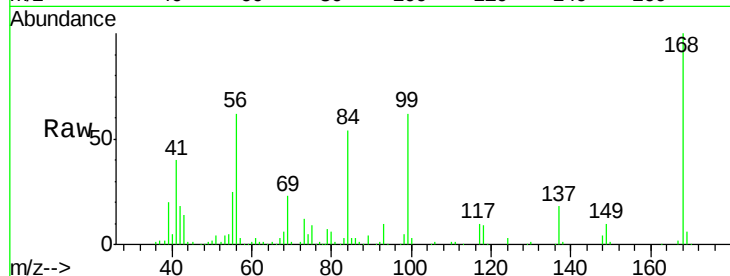
99 61.3 52.7 79.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

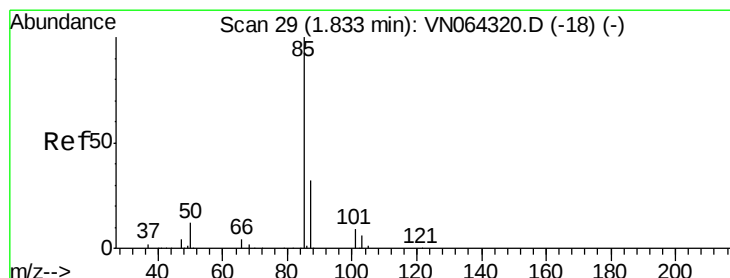
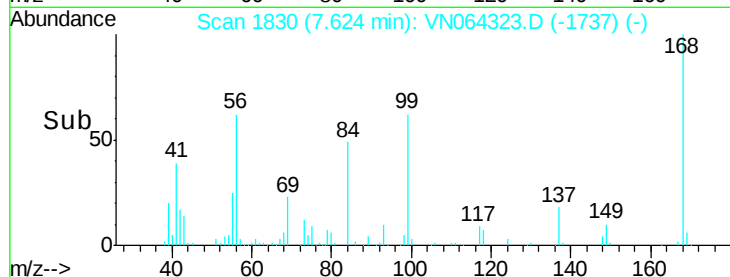
7.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.944 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064323.D

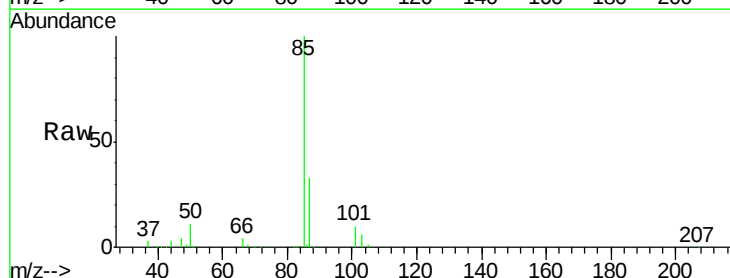
Acq: 27 Oct 2020 13:22

Tgt Ion: 85 Resp: 159995

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

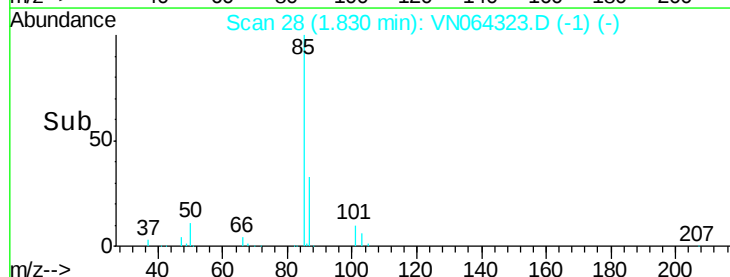
1.83

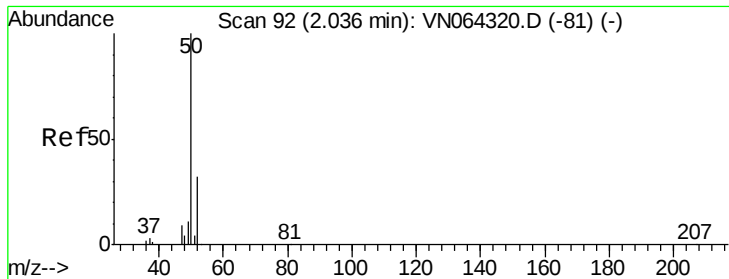
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.993 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

Tot Ion: 50 Resp: 163129

Ion Ratio Lower Upper

50 100

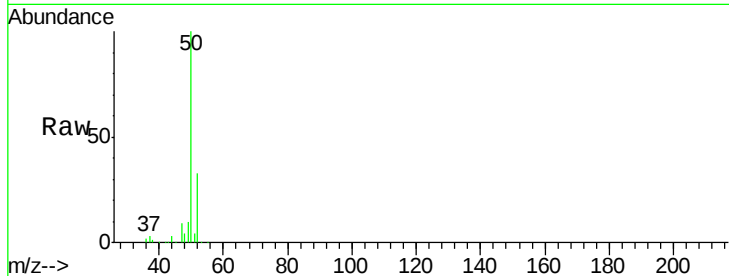
52 33.3 25.6 38.4

Manual Integrations

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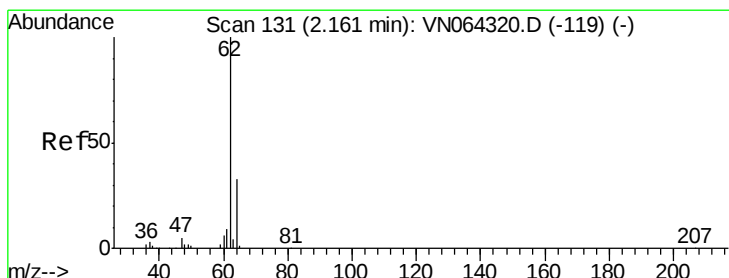
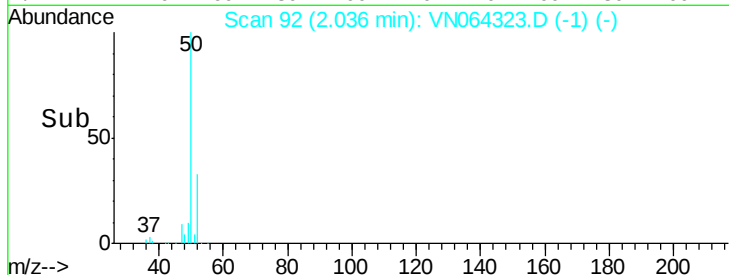
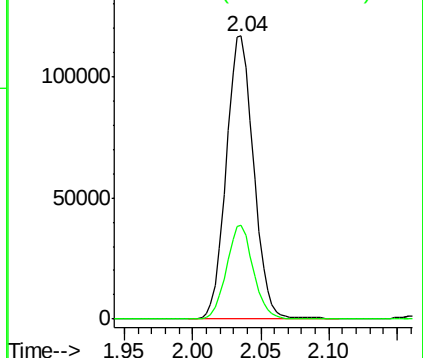
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 51.136 ug/l

RT: 2.16 min Scan# 131

Delta R.T. 0.00 min

Lab File: VN064323.D

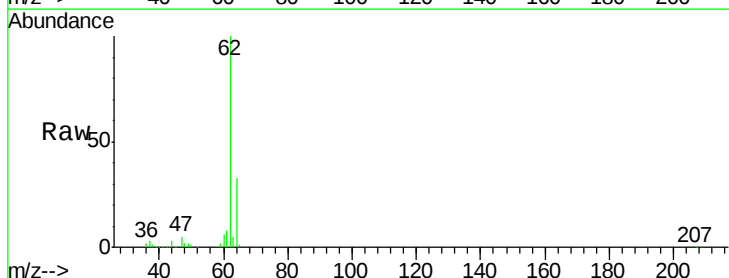
Acq: 27 Oct 2020 13:22

Tgt Ion: 62 Resp: 164687

Ion Ratio Lower Upper

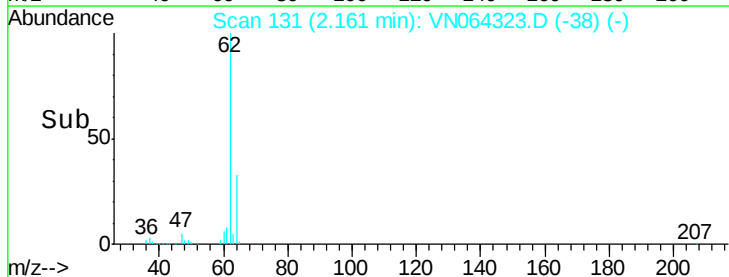
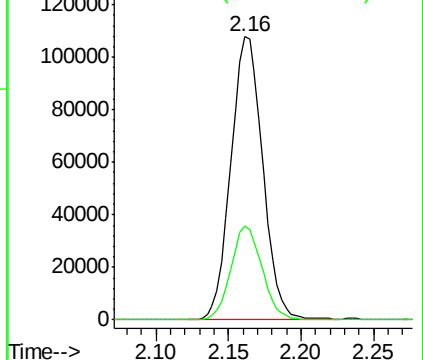
62 100

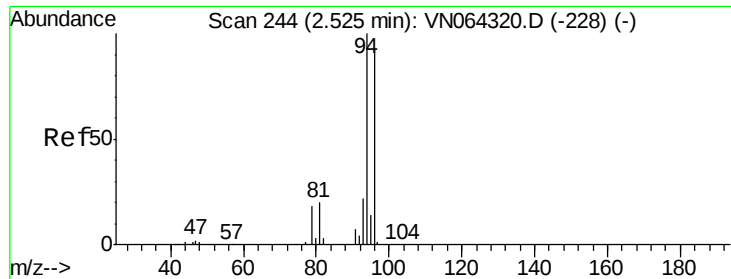
64 33.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 51.667 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

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ICVVN102720

Tot Ion: 94 Resp: 107521

Ion Ratio Lower Upper

94 100

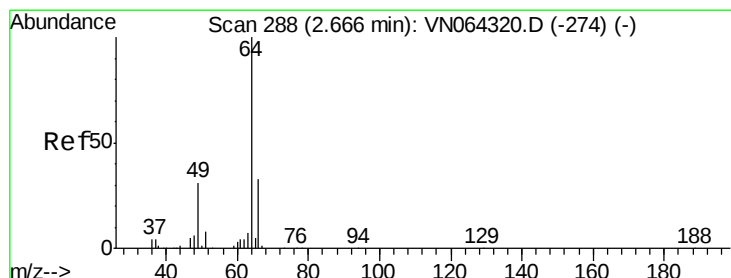
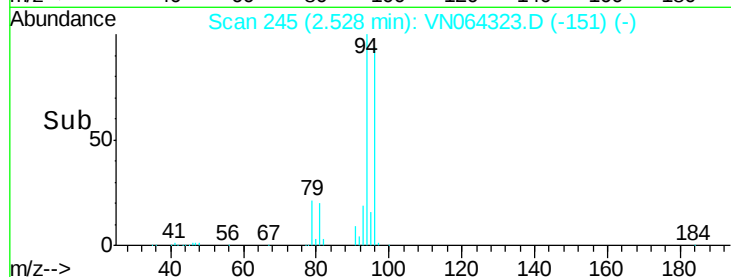
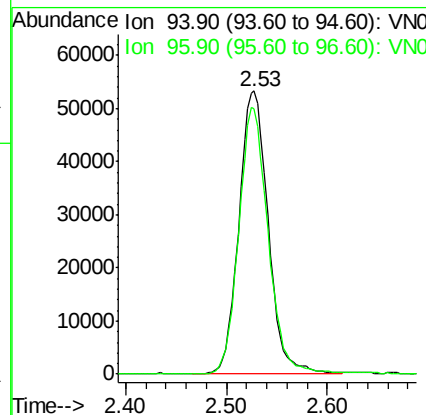
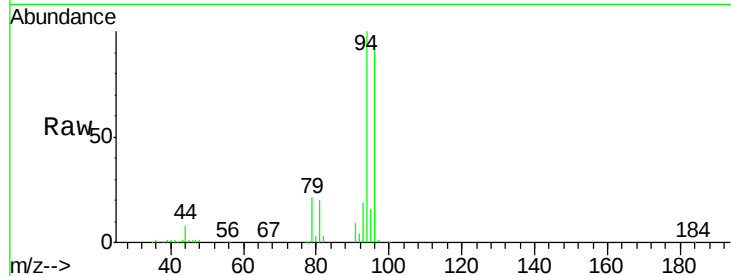
96 93.8 73.6 110.4

Manual Integrations

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#6

Chloroethane

Concen: 50.448 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064323.D

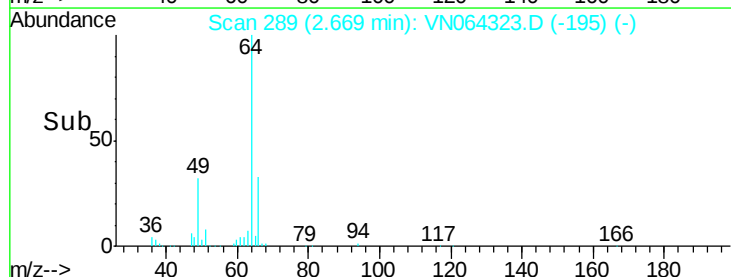
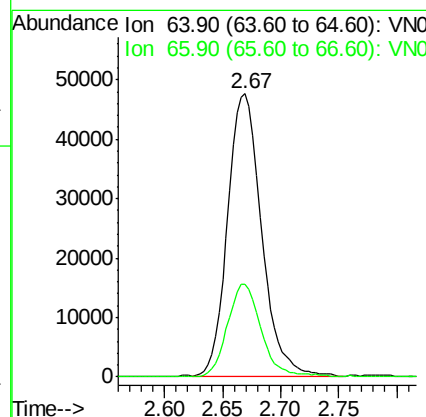
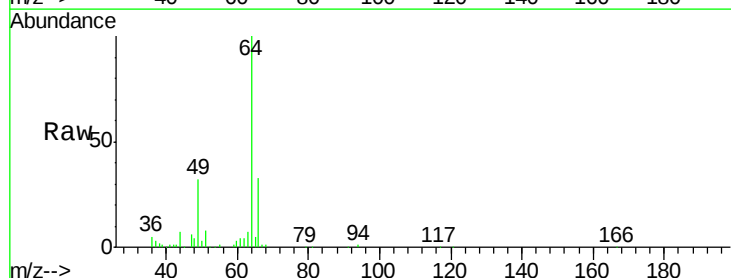
Acq: 27 Oct 2020 13:22

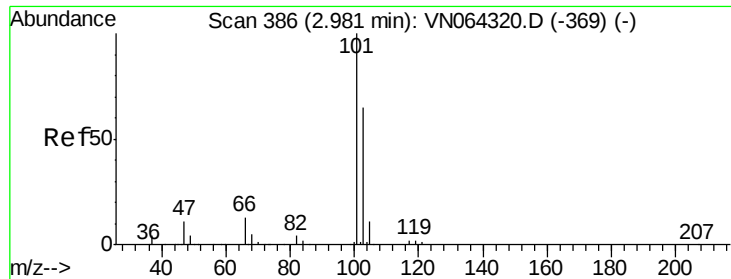
Tgt Ion: 64 Resp: 97083

Ion Ratio Lower Upper

64 100

66 32.6 26.5 39.7





#7

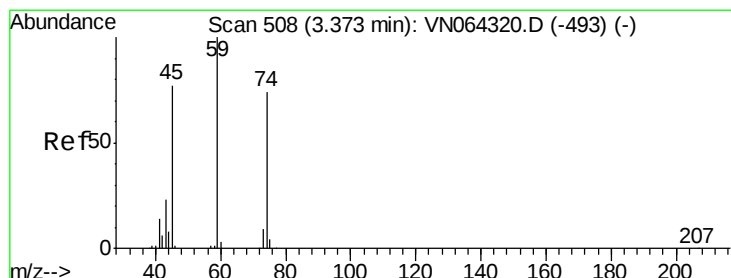
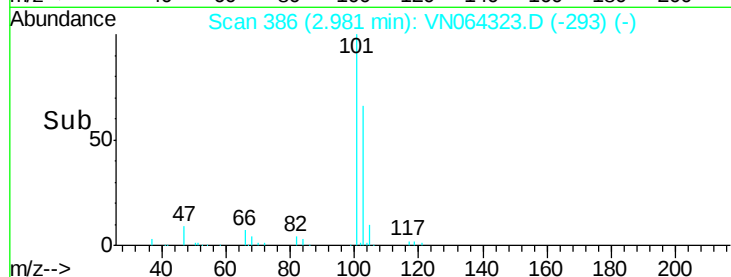
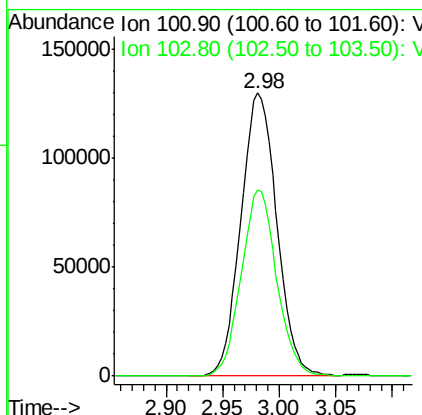
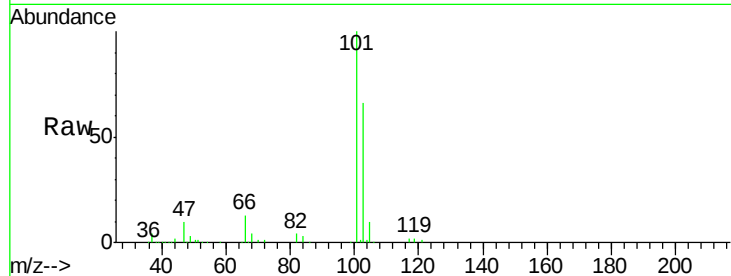
Trichlorofluoromethane
 Concen: 53.374 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		287971		
103	65.9	51.7	77.5		

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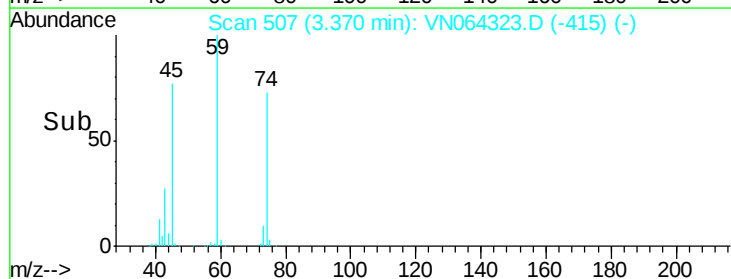
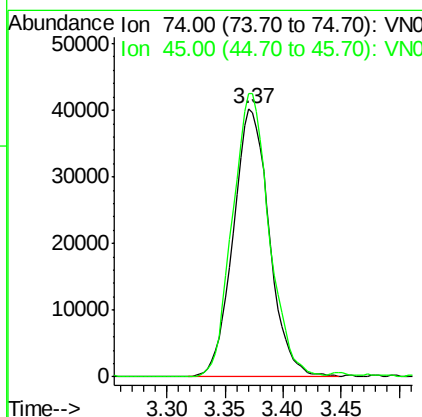
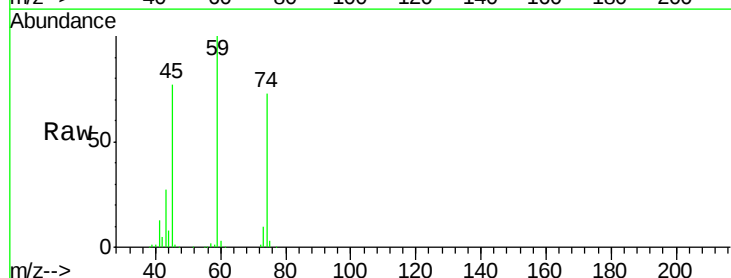
MMDadoda
 10/28/2020 12:35:41 PM

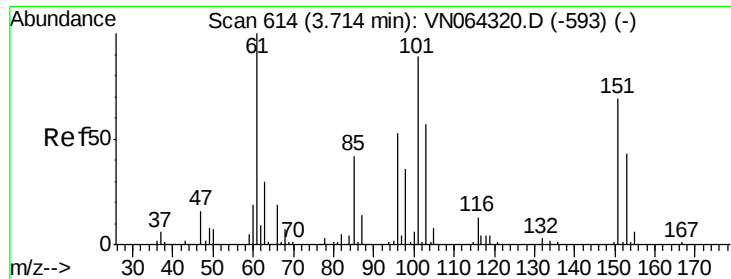


#8

Diethyl Ether
 Concen: 50.973 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		86999		
45	107.4	51.3	154.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.466 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

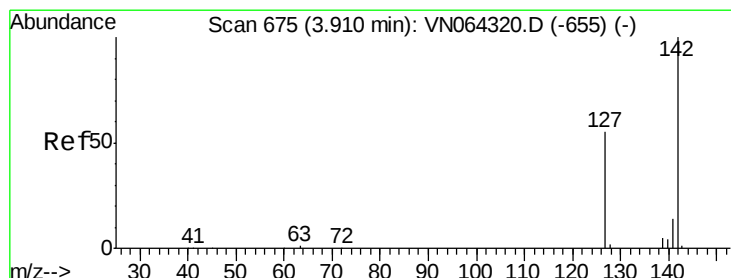
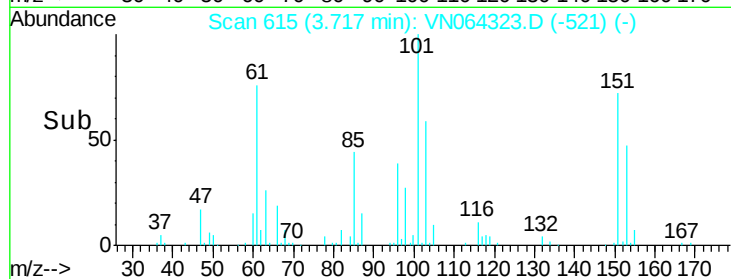
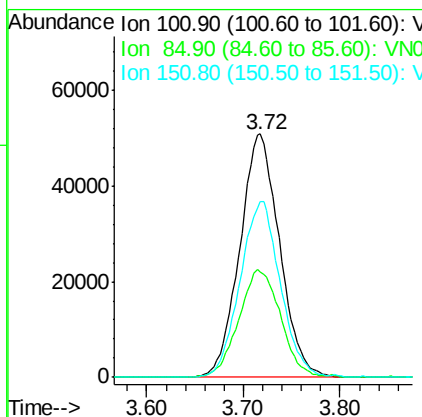
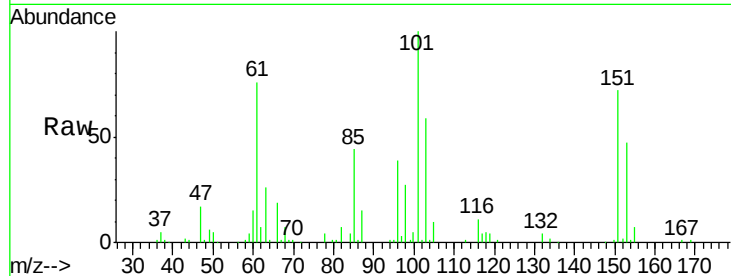
ClientSampleId :

ICVVN102720

Tot Ion:	101	Resp:	144986
Ion Ratio	Lower	Upper	
101	100		
85	46.5	38.4	57.6
151	73.4	62.0	93.0

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#10

Methyl Iodide

Concen: 52.011 ug/l

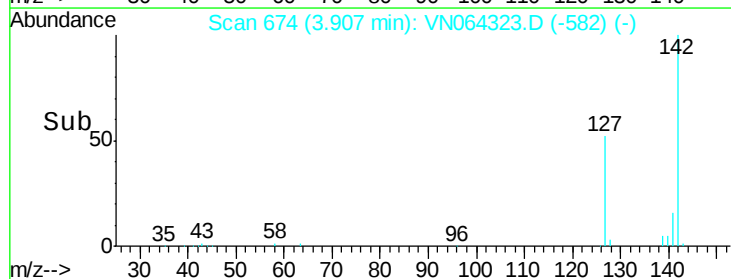
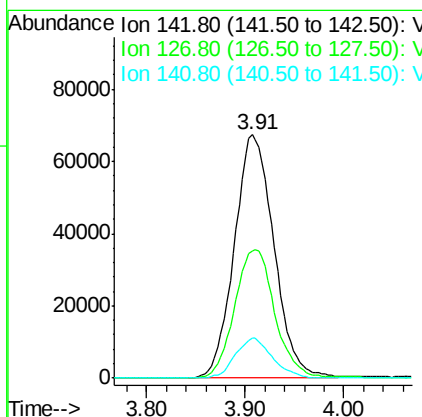
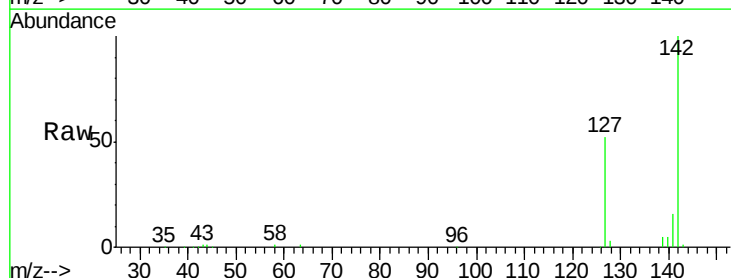
RT: 3.91 min Scan# 674

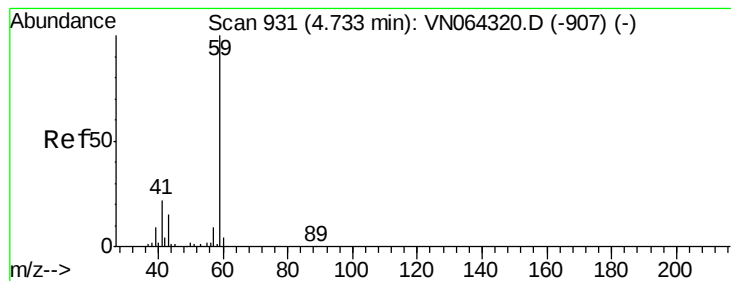
Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:	142	Resp:	188210
Ion Ratio	Lower	Upper	
142	100		
127	53.3	43.3	64.9
141	15.2	11.5	17.3





#11

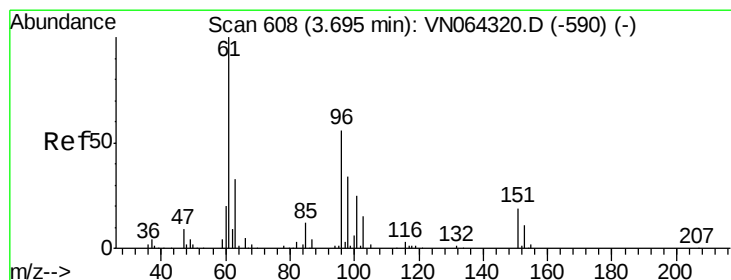
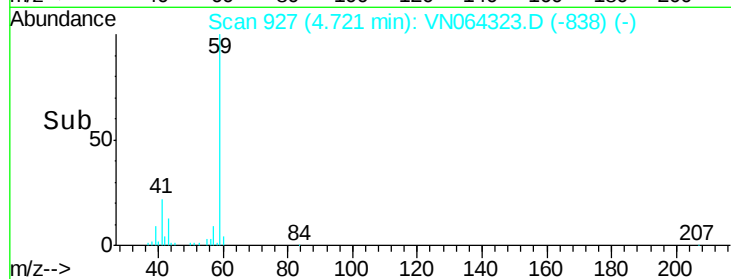
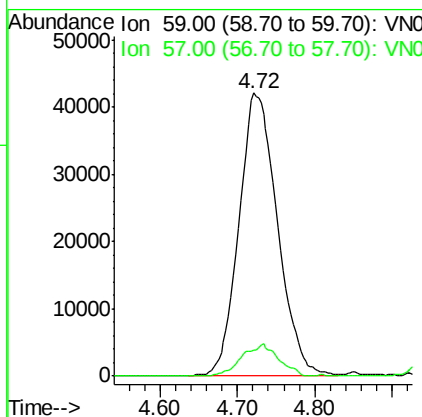
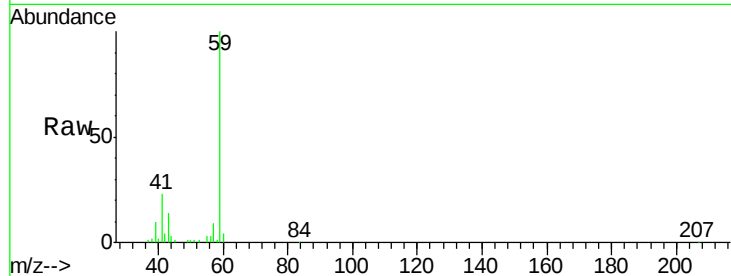
Tert butyl alcohol
 Concen: 233.285 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion: 59 Resp: 145823
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.4 14.0

Manual Integrations
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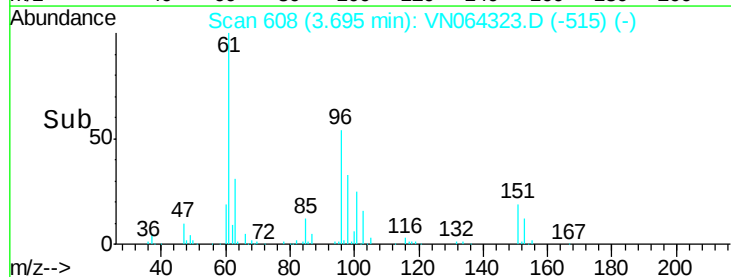
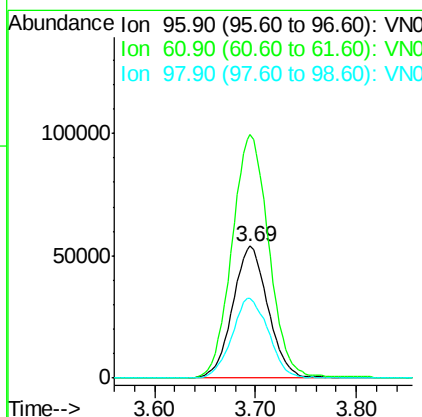
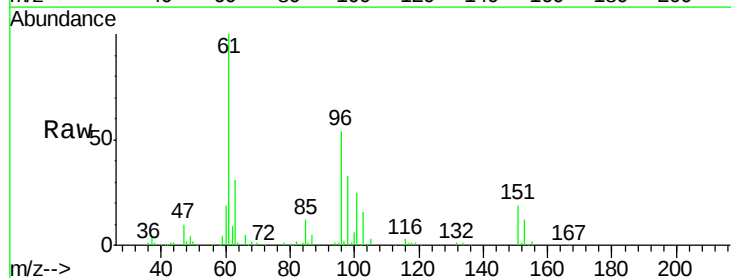
MMDadoda
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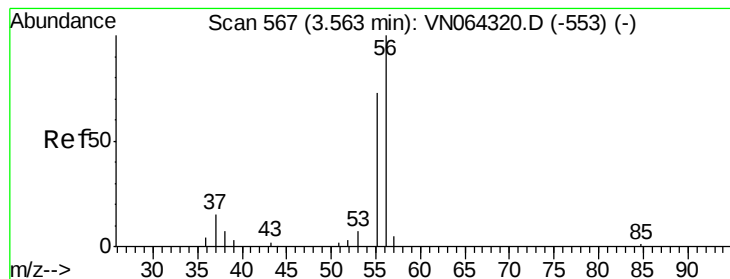


#12

1,1-Dichloroethene
 Concen: 51.385 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion: 96 Resp: 131546
 Ion Ratio Lower Upper
 96 100
 61 184.2 143.6 215.4
 98 60.3 48.6 73.0





#13

Acrolein

Concen: 217.055 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

Tot Ion: 56 Resp: 29103

Ion Ratio Lower Upper

56 100

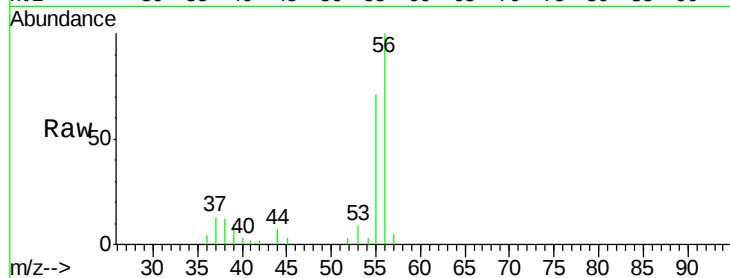
55 73.8 62.6 94.0

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12000

10000

8000

6000

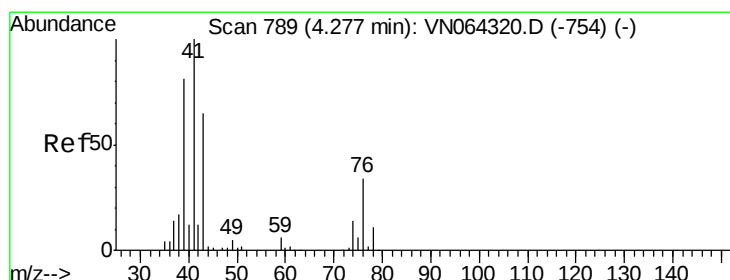
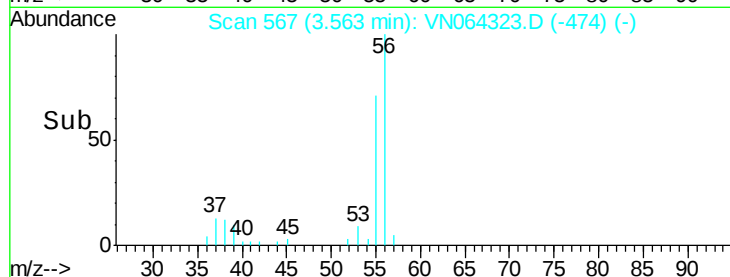
4000

2000

0

3.50 3.55 3.60 3.65

Time-->



#14

Allyl chloride

Concen: 51.517 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

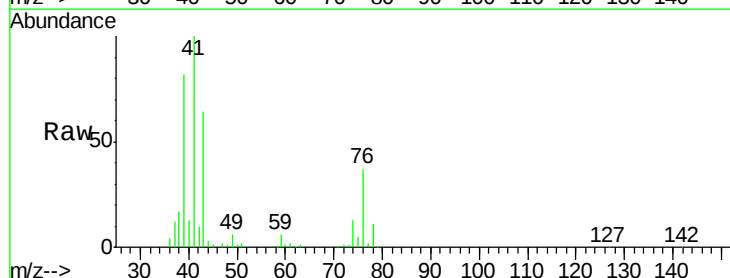
Tgt Ion: 41 Resp: 269293

Ion Ratio Lower Upper

41 100

39 74.8 61.7 92.5

76 31.4 24.0 36.0



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

100000

80000

60000

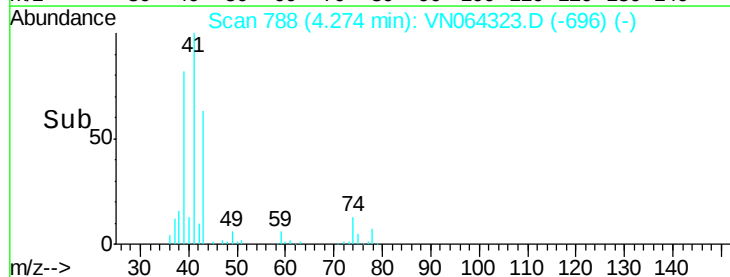
40000

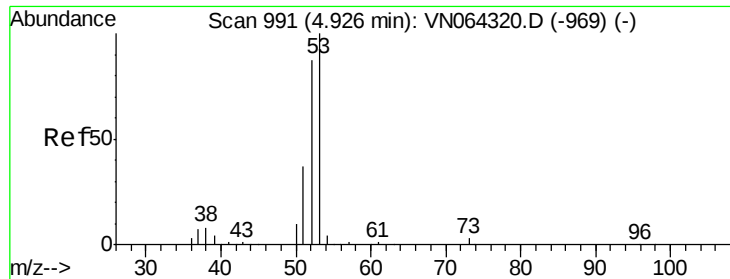
20000

0

4.10 4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 257.139 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

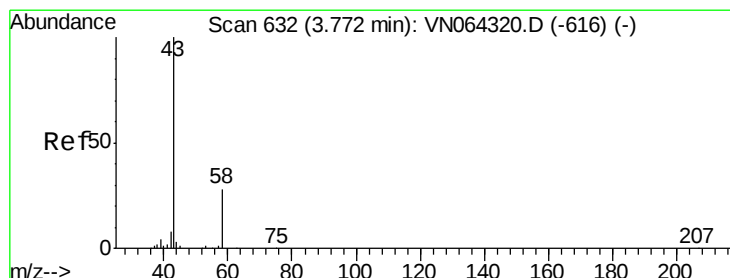
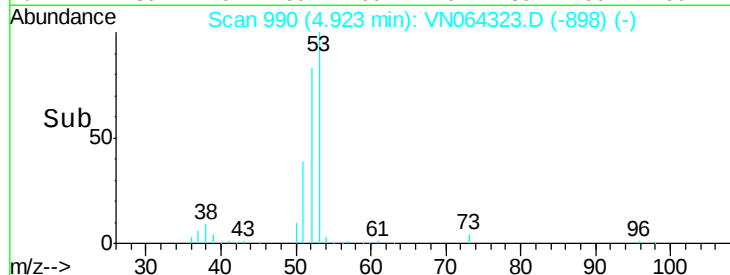
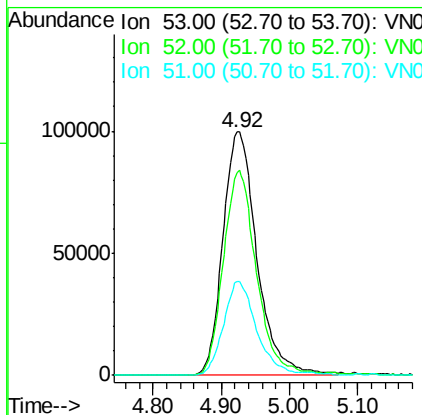
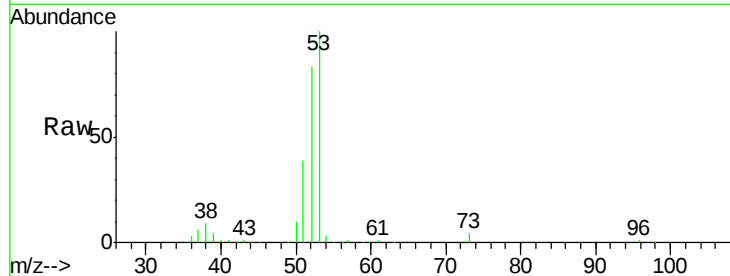
ClientSampleId :

ICVVN102720

Tot Ion:	53	Resp:	345654
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.9	98.9
51	37.8	30.4	45.6

Manual Integrations
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#16

Acetone

Concen: 258.163 ug/l

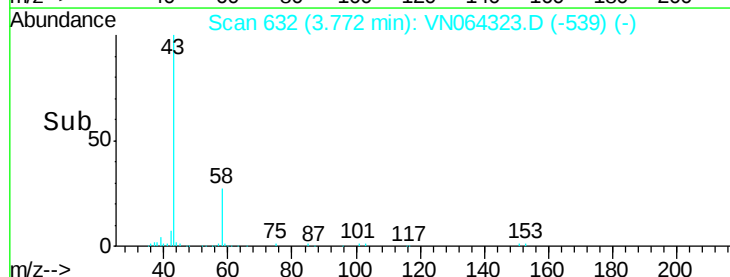
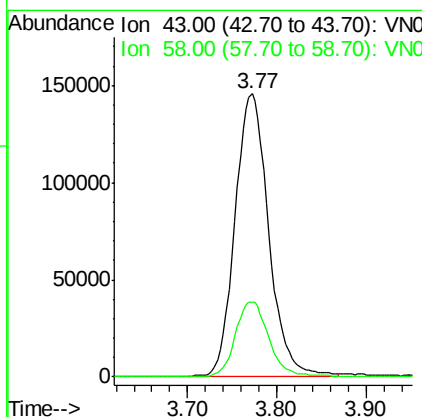
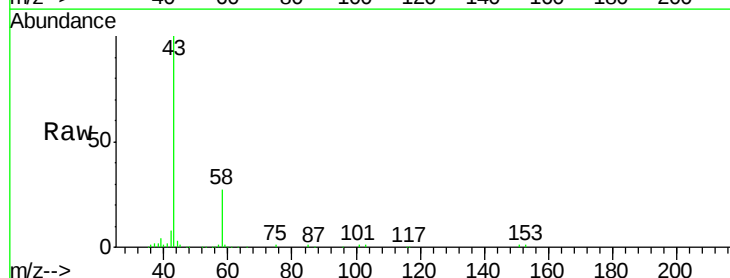
RT: 3.77 min Scan# 632

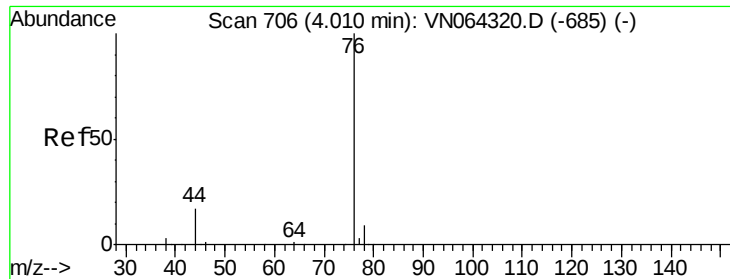
Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:	43	Resp:	378638
Ion	Ratio	Lower	Upper
43	100		
58	26.5	22.1	33.1





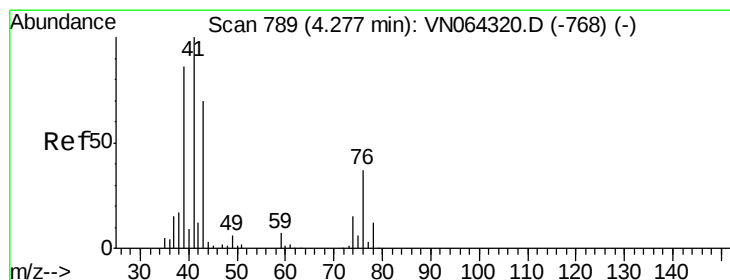
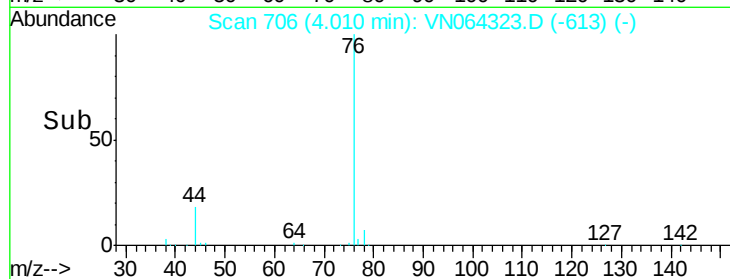
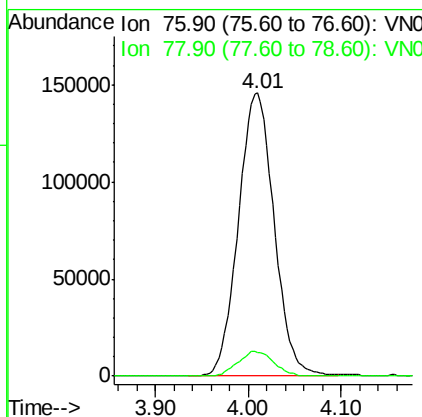
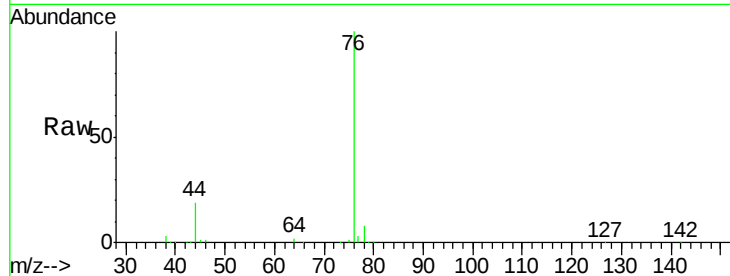
#17
Carbon Disulfide
Concen: 51.594 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

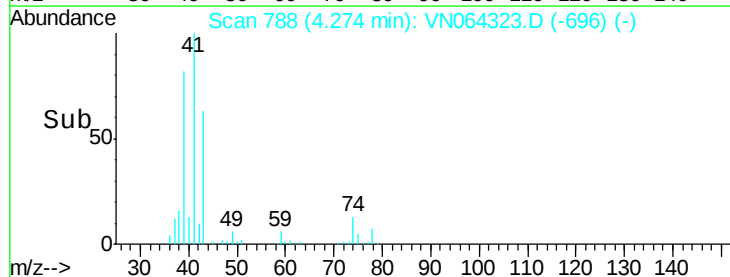
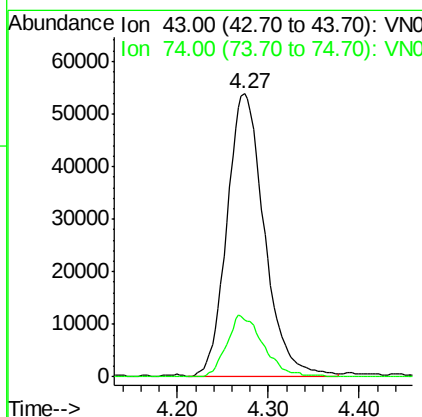
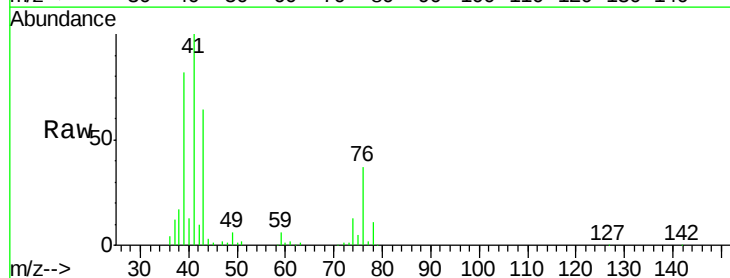
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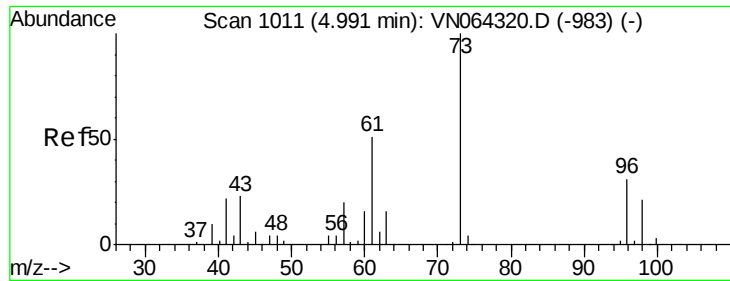
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#18
Methyl Acetate
Concen: 47.768 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.7	25.1





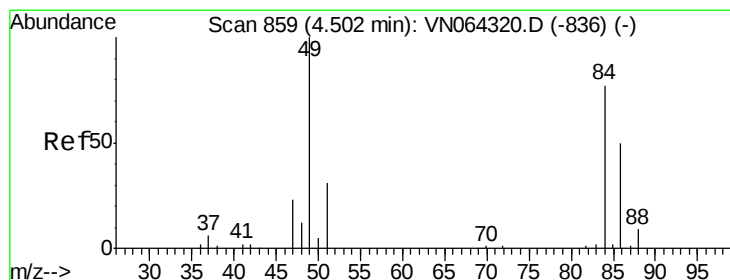
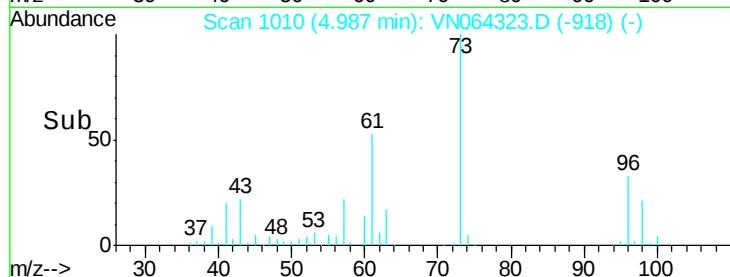
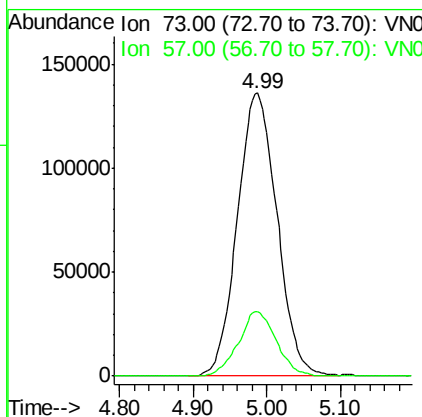
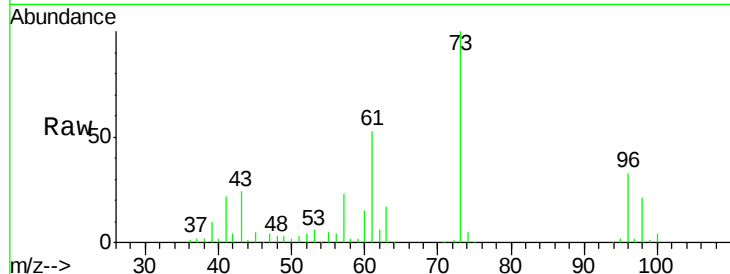
#19
Methvl tert-butvl Ether
Concen: 51.856 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion: 73 Resp: 510054
Ion Ratio Lower Upper
73 100
57 22.8 16.1 24.1

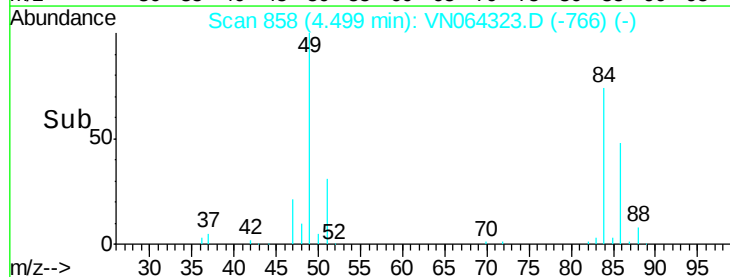
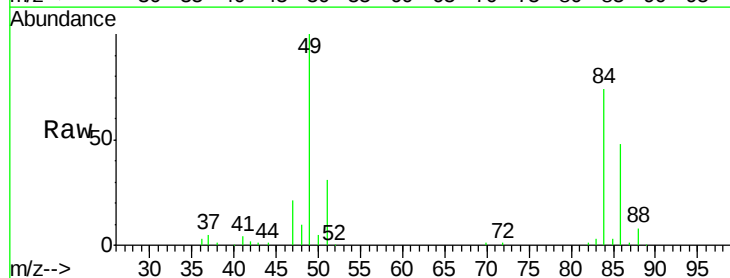
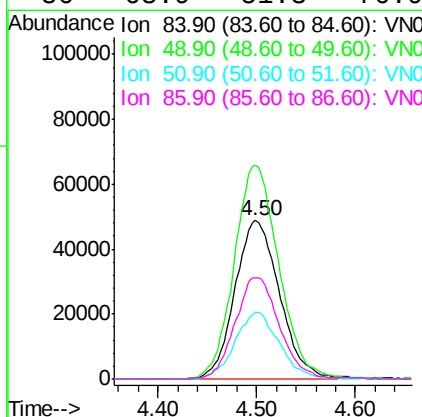
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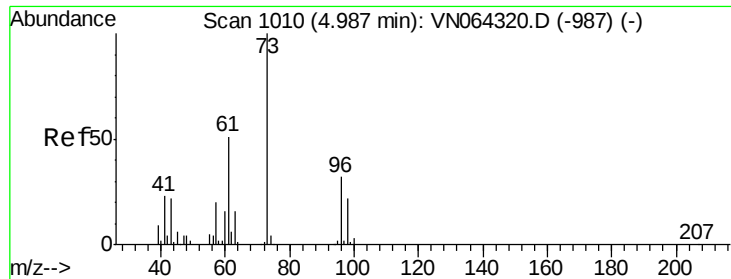
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#20
Methylene Chloride
Concen: 50.137 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 84 Resp: 153110
Ion Ratio Lower Upper
84 100
49 134.4 103.6 155.4
51 41.9 31.8 47.8
86 63.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.483 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

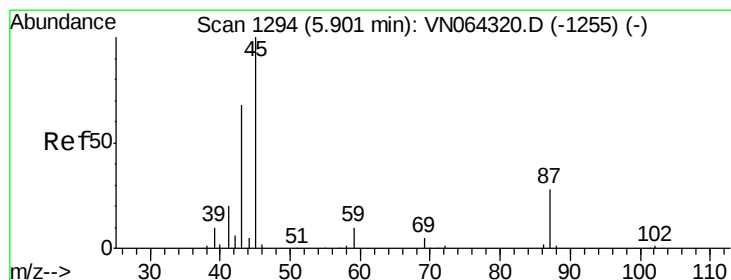
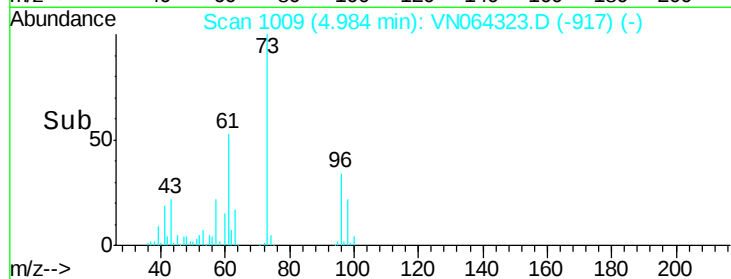
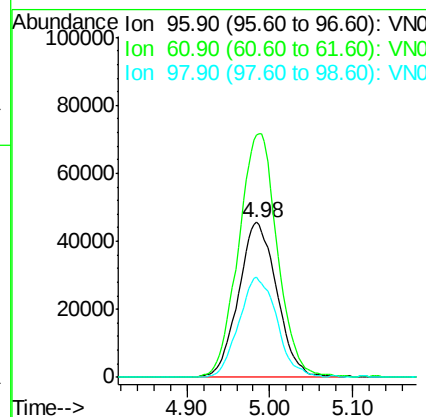
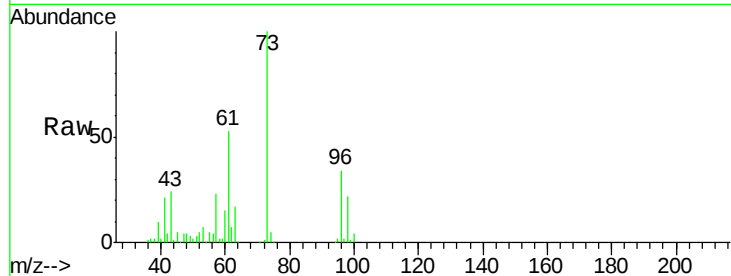
ClientSampleId :

ICVVN102720

Tot Ion:	96	Resp:	147025
Ion	Ratio	Lower	Upper
96	100		
61	156.5	128.2	192.2
98	64.5	56.1	84.1

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#22

Diisopropyl ether

Concen: 52.311 ug/l

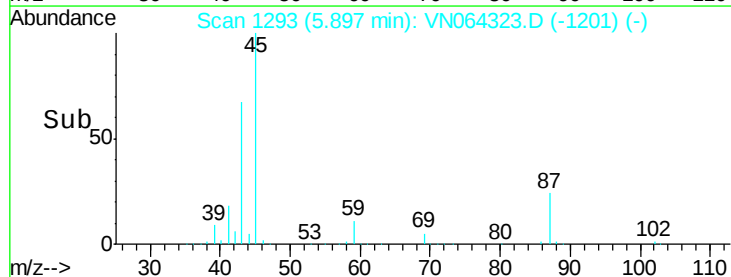
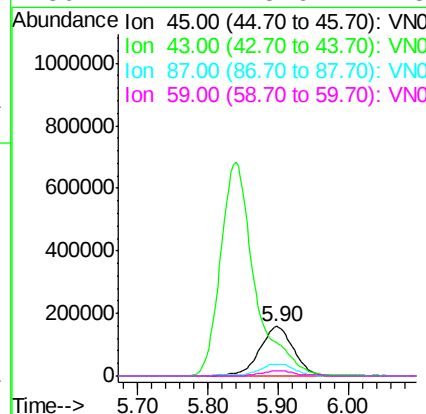
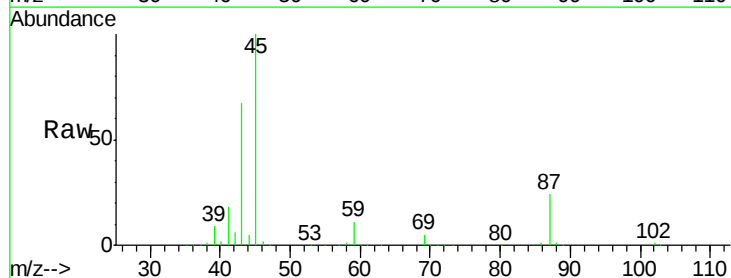
RT: 5.90 min Scan# 1293

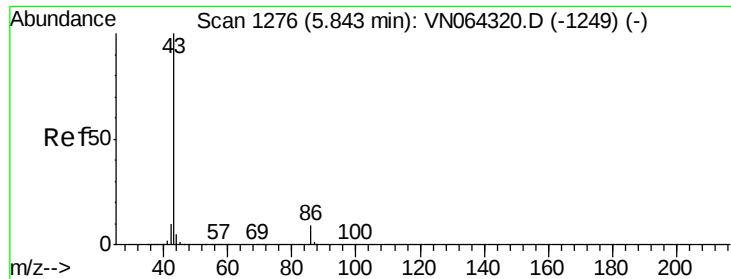
Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:	45	Resp:	534476
Ion	Ratio	Lower	Upper
45	100		
43	64.7	54.6	82.0
87	23.7	22.6	33.8
59	11.1	8.6	12.8





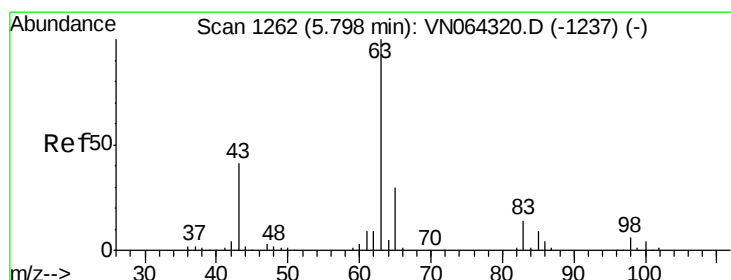
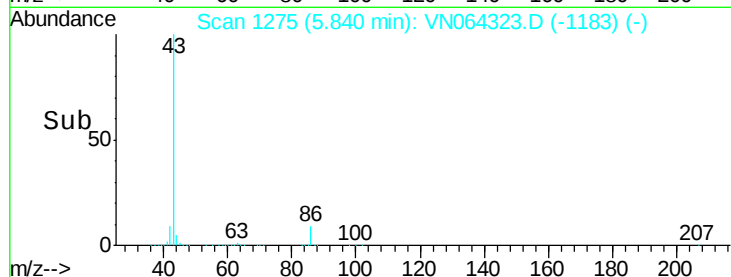
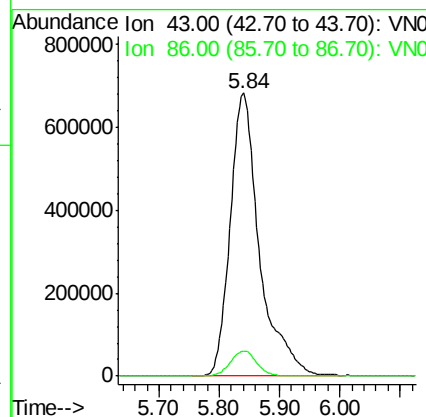
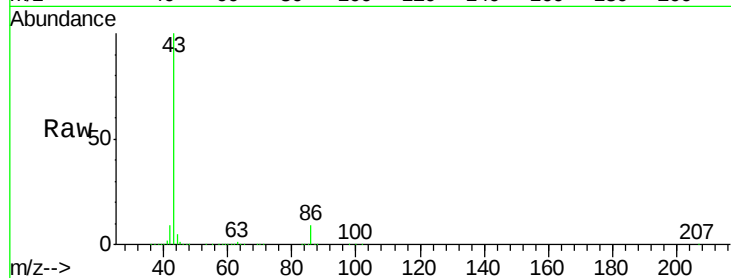
#23
 Vinyl Acetate
 Concen: 268.120 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion: 43 Resp: 2317623
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9

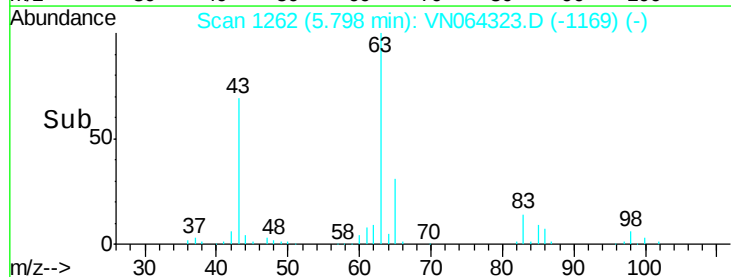
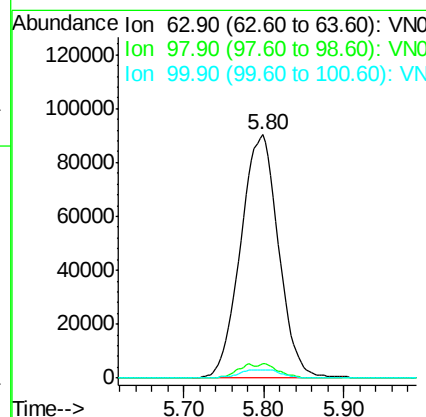
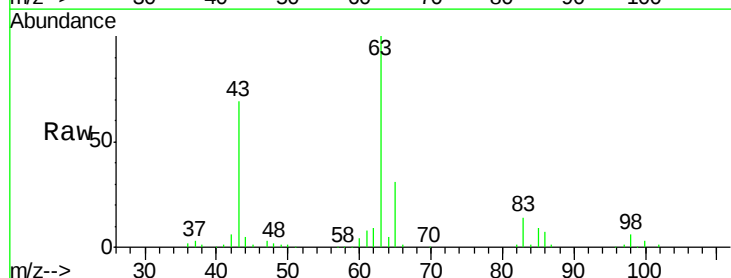
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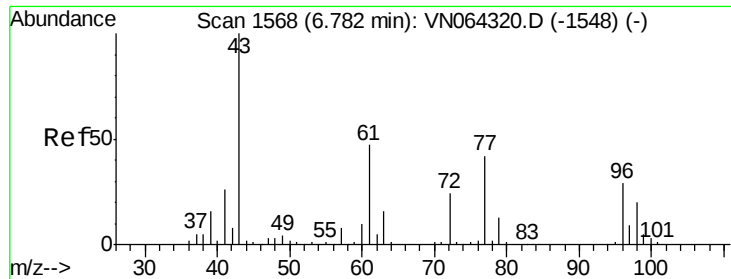
MMDadoda
 10/28/2020 12:35:41 PM



#24
 1,1-Dichloroethane
 Concen: 50.809 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion: 63 Resp: 290485
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.4
 100 3.5 2.0 5.8





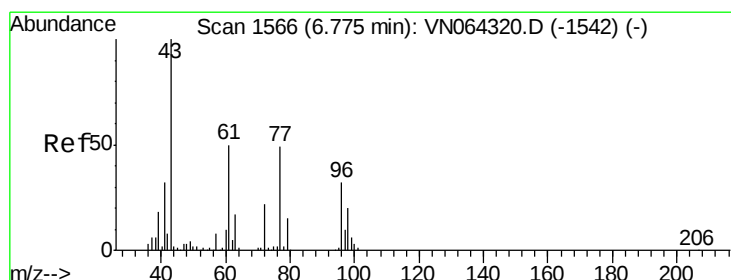
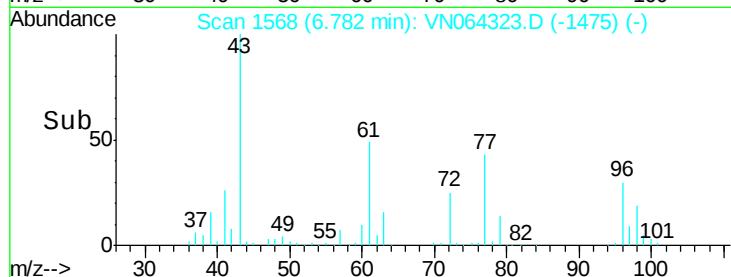
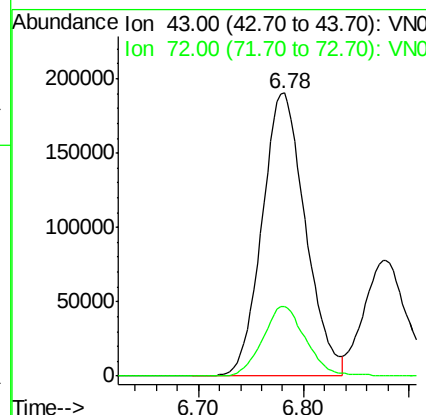
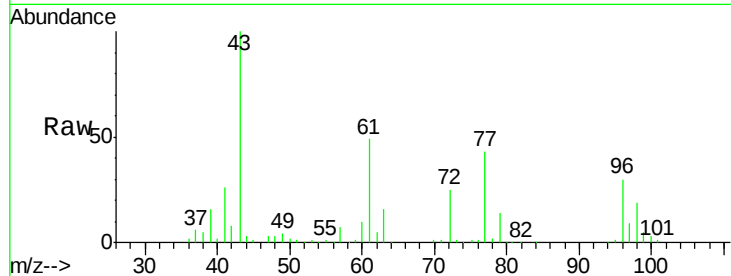
#25
2-Butanone
Concen: 251.291 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion: 43 Resp: 543305
Ion Ratio Lower Upper
43 100
72 24.8 18.8 28.2

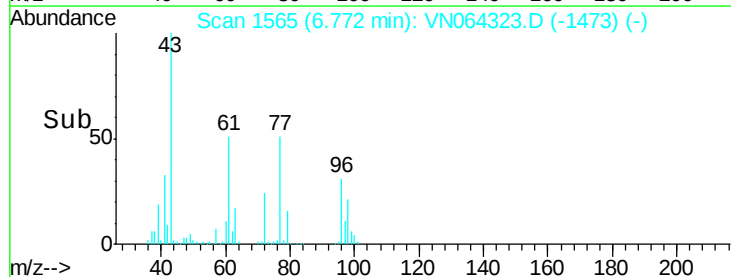
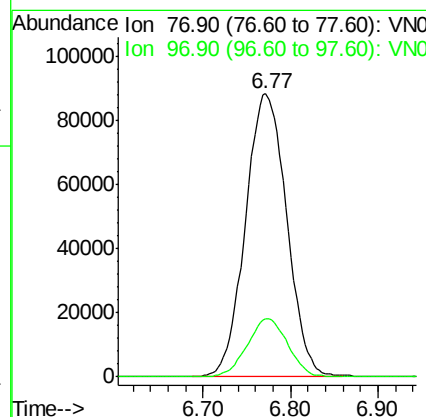
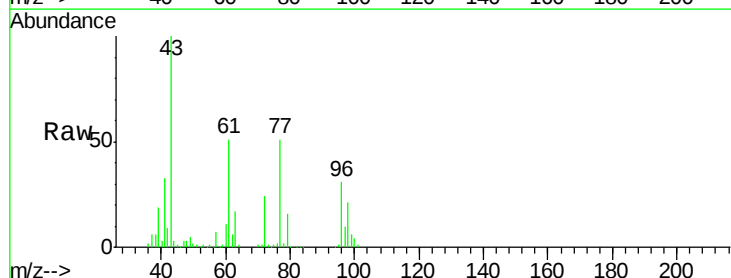
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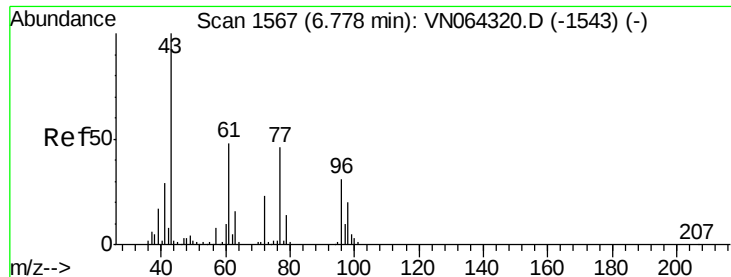
MMDadoda
10/28/2020 12:35:41 PM



#26
2,2-Dichloropropane
Concen: 51.692 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 77 Resp: 289239
Ion Ratio Lower Upper
77 100
97 20.3 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 52.059 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

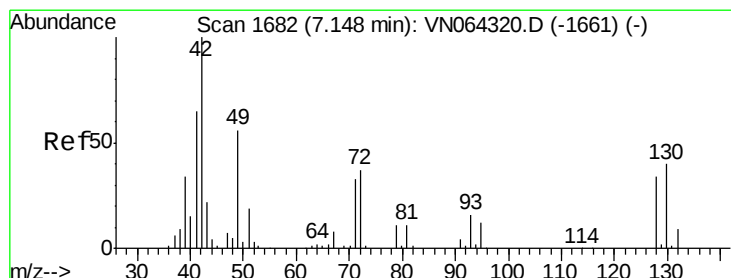
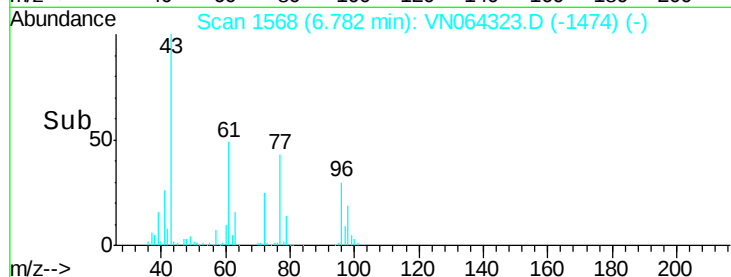
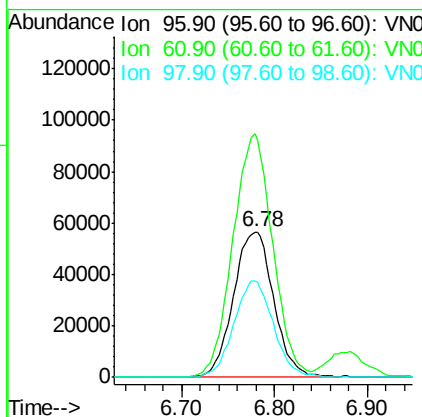
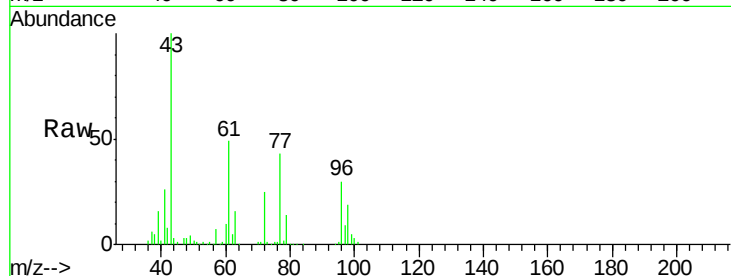
ClientSampleId :

ICVVN102720

Tot Ion:	96	Resp:	170143
Ion	Ratio	Lower	Upper
96	100		
61	165.3	0.0	325.0
98	64.8	0.0	128.4

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#28

Bromochloromethane

Concen: 49.734 ug/l

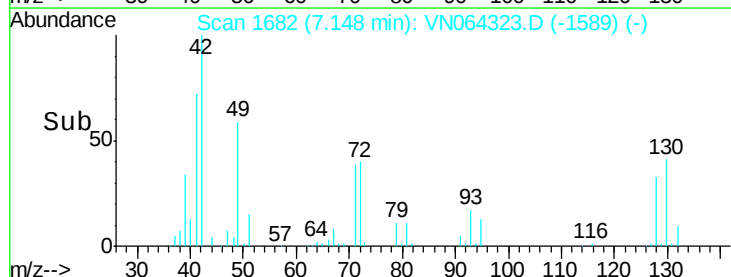
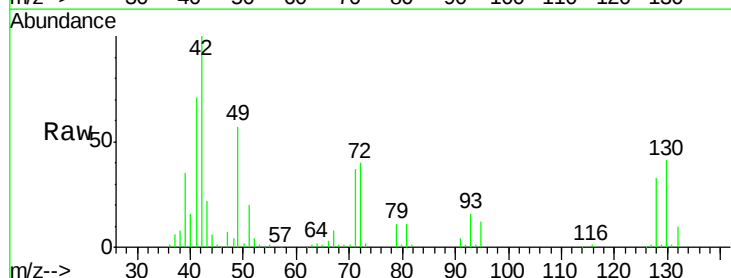
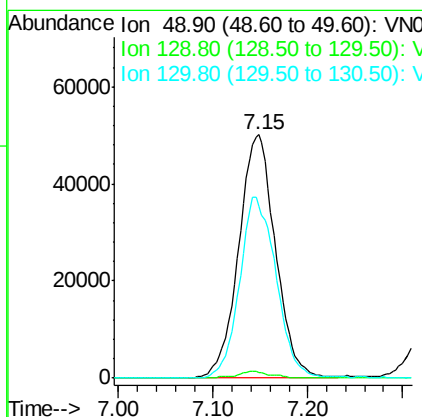
RT: 7.15 min Scan# 1682

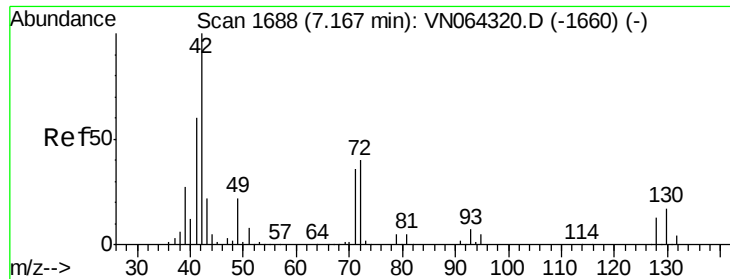
Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:	49	Resp:	135472
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.8
130	73.7	56.2	84.2





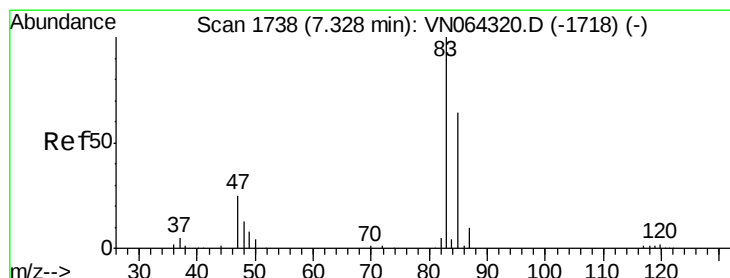
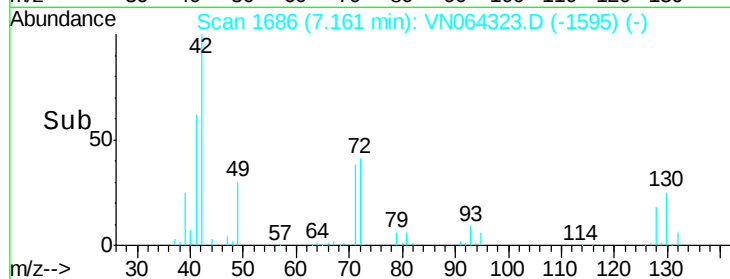
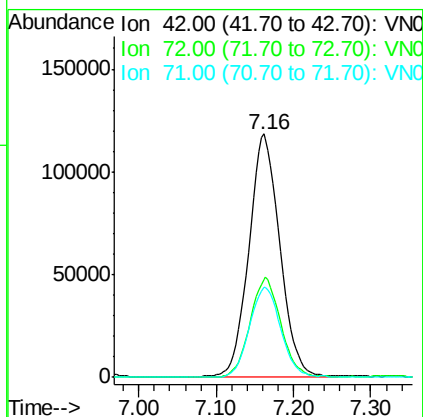
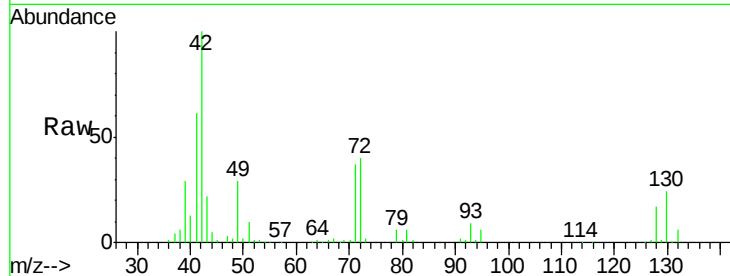
#29
Tetrahydrofuran
Concen: 236.425 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	31.6	47.4
71	37.2	29.4	44.0

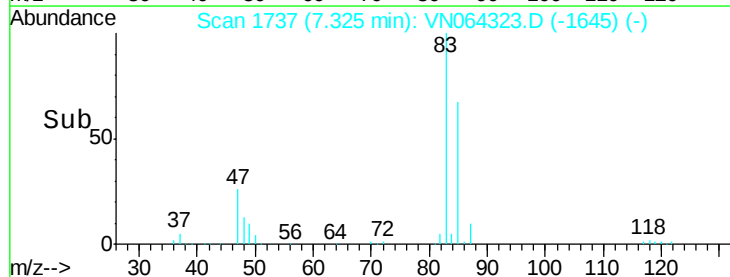
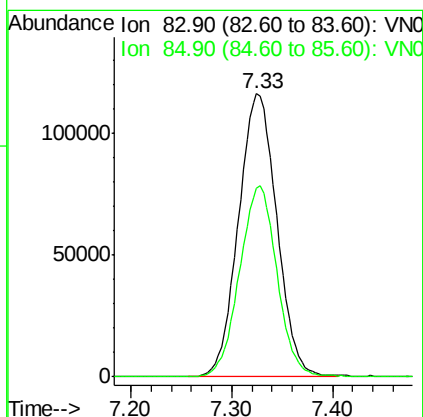
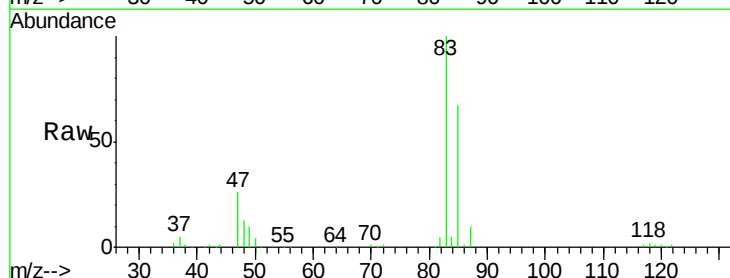
Manual Integrations
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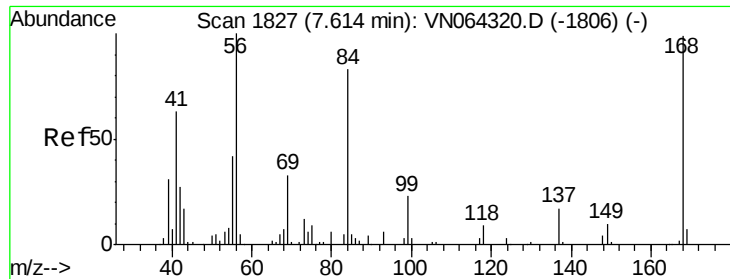
MMDadoda
10/28/2020 12:35:41 PM



#30
Chloroform
Concen: 50.366 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.1	76.7





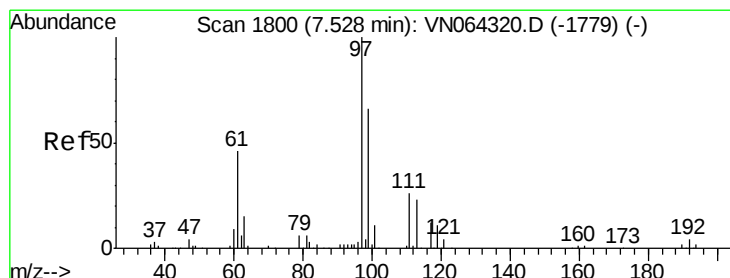
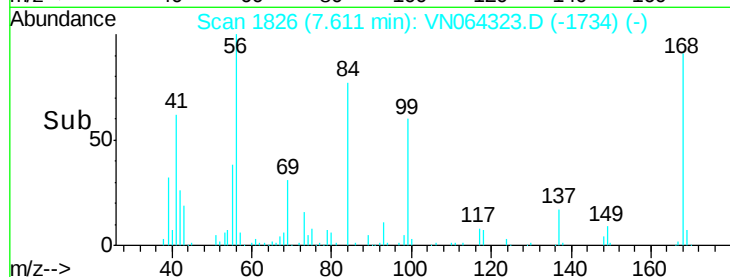
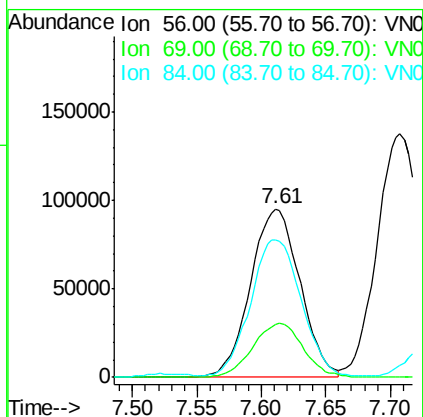
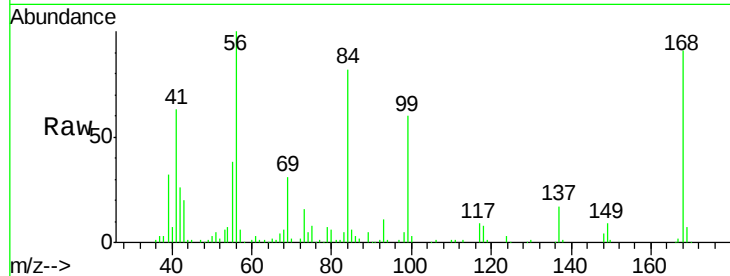
#31
Cyclohexane
Concen: 50.793 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.8	38.8
84	80.0	66.3	99.5

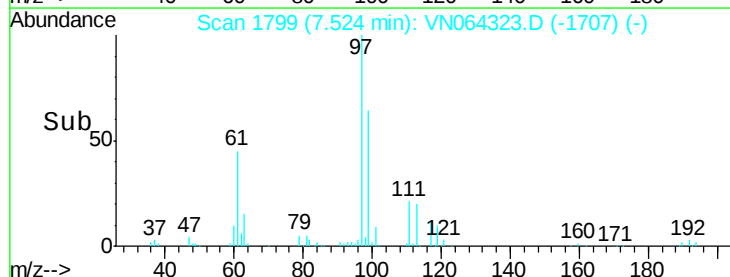
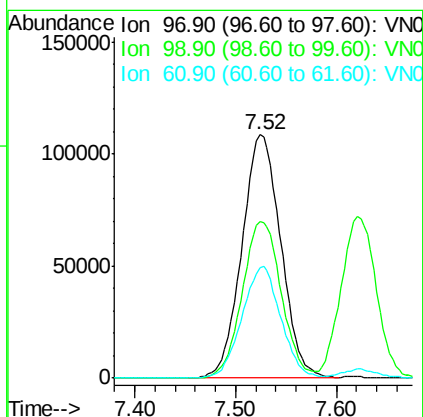
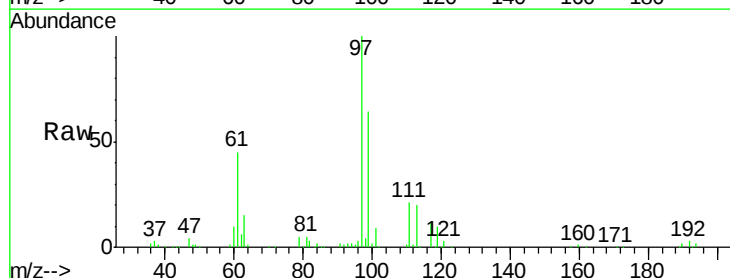
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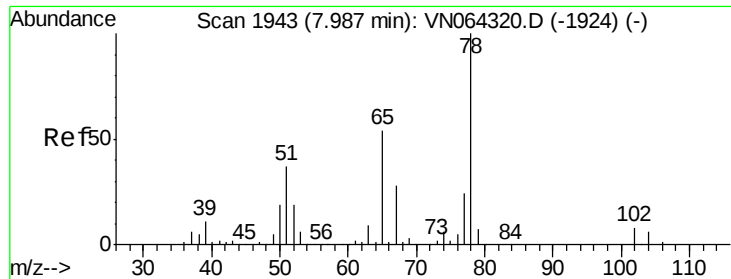
MMDadoda
10/28/2020 12:35:41 PM



#32
1,1,1-Trichloroethane
Concen: 49.614 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	76.0
61	45.7	35.8	53.6





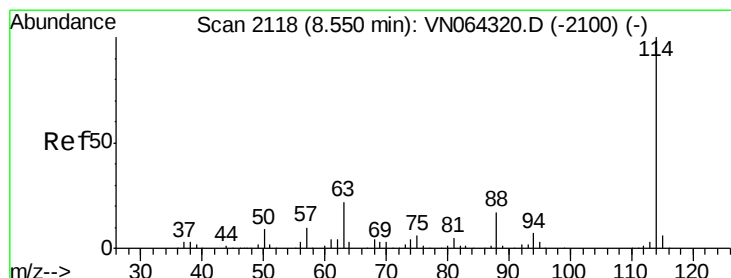
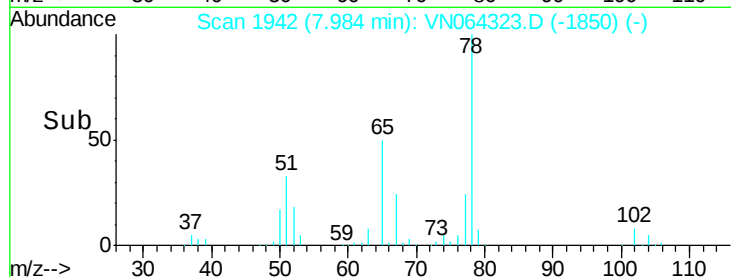
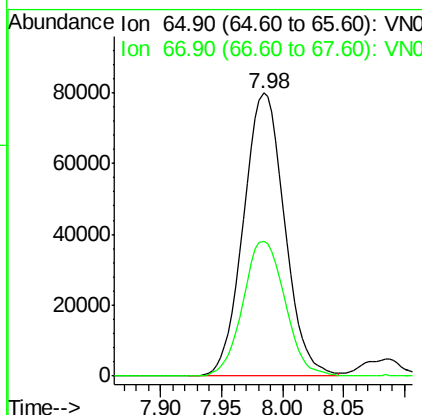
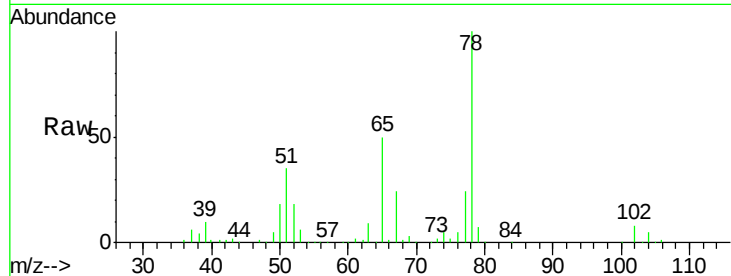
#33
 1,2-Dichloroethane-d4
 Concen: 43.293 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186419		
67	48.7	0.0	99.2	

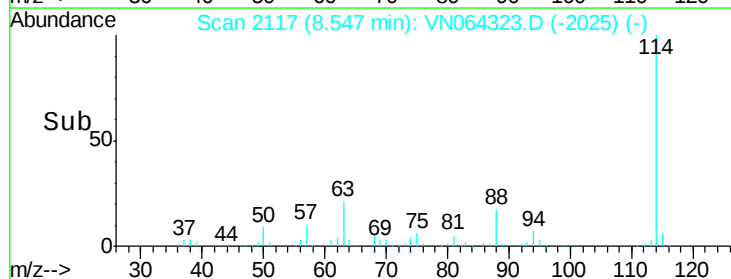
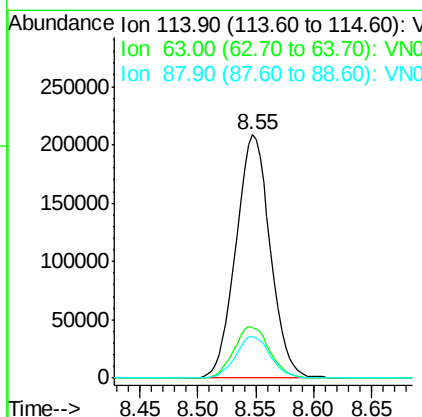
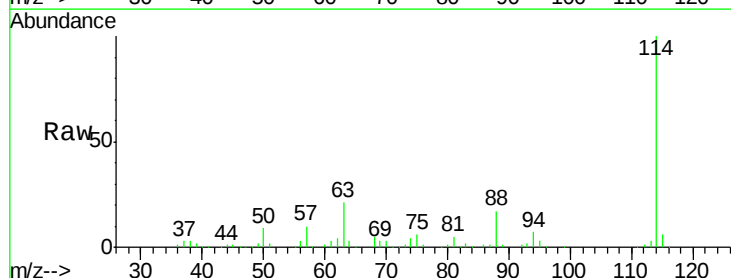
Manual Integrations
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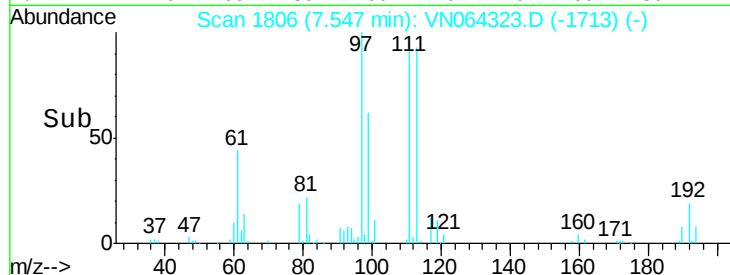
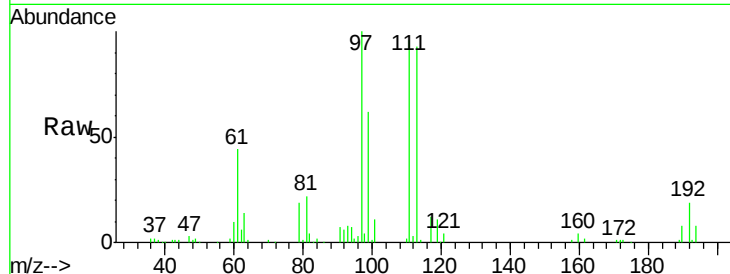
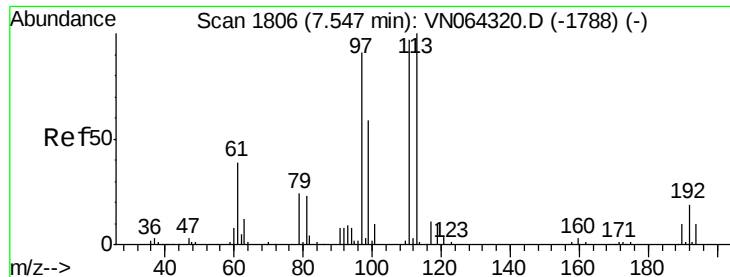
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	428275		
63	20.9	0.0	44.6	
88	17.2	0.0	33.4	





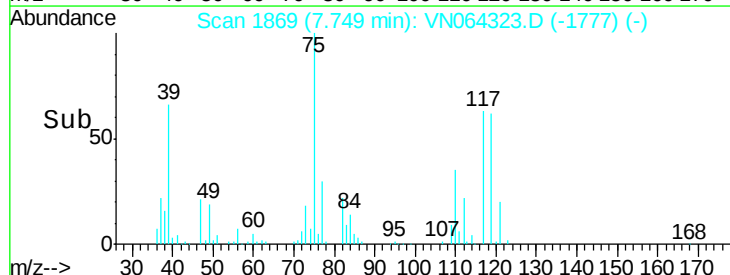
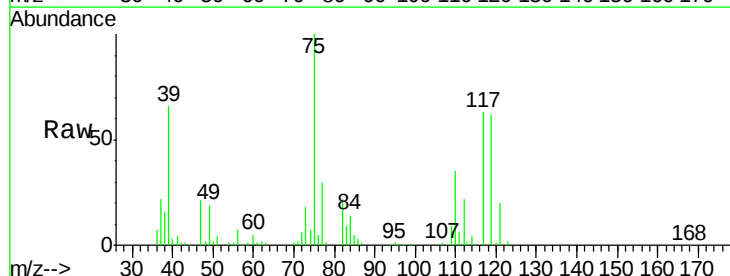
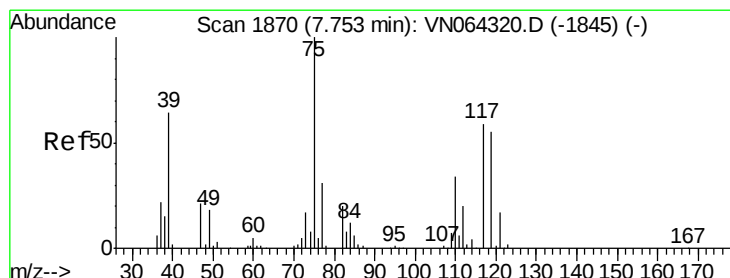
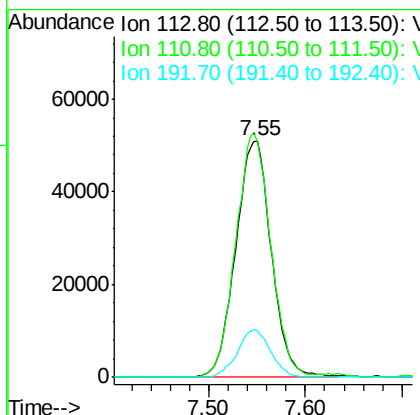
#35
Dibromofluoromethane
Concen: 45.686 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130483		
111	101.4	81.5	122.3	
192	18.9	15.0	22.4	

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

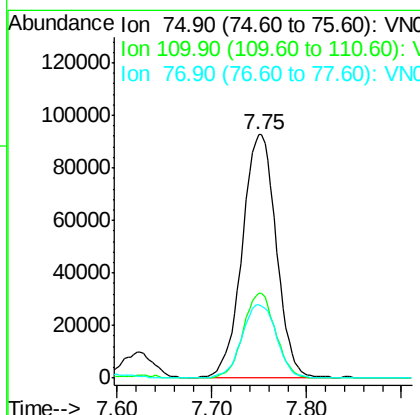
Manual Integrations
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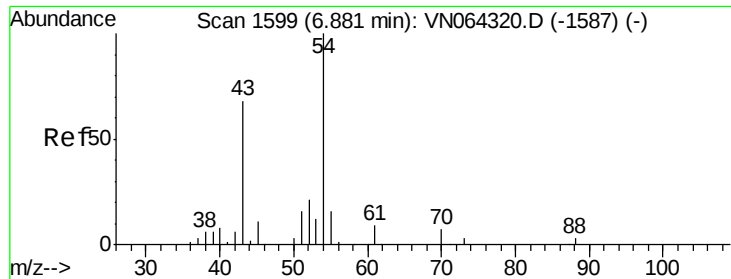
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#36
1,1-Dichloropropene
Concen: 53.440 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	230982		
110	33.2	16.8	50.3	
77	31.1	24.2	36.4	





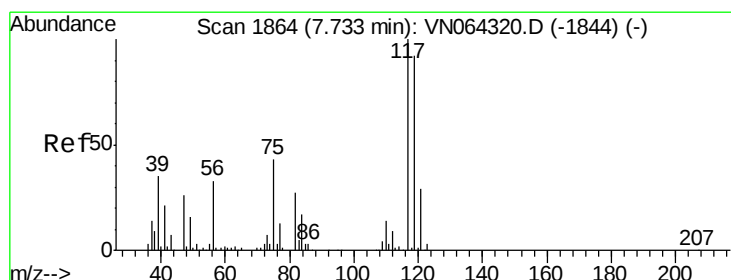
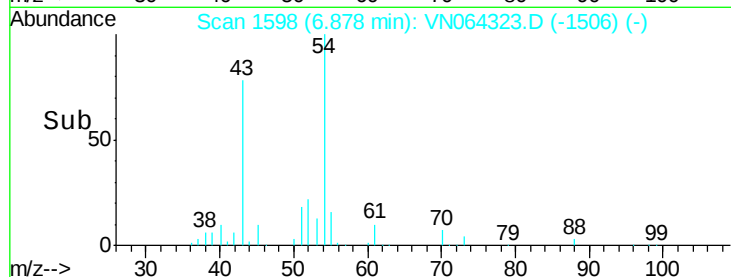
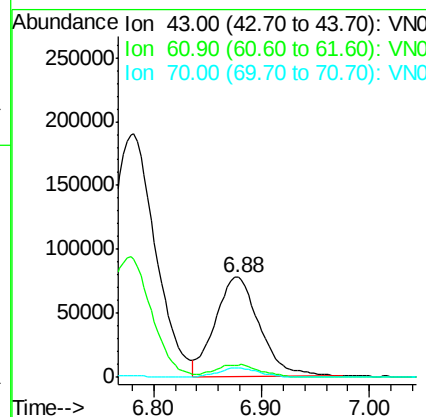
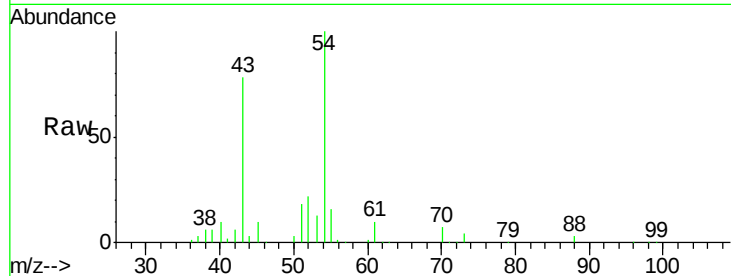
#37
Ethyl Acetate
Concen: 50.897 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.0	15.0
70	9.2	7.1	10.7

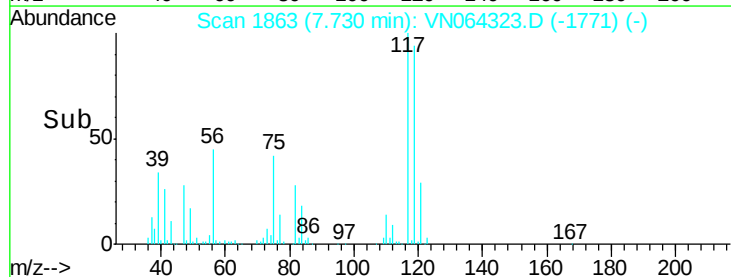
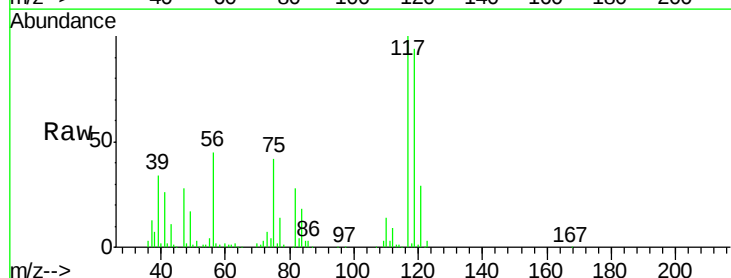
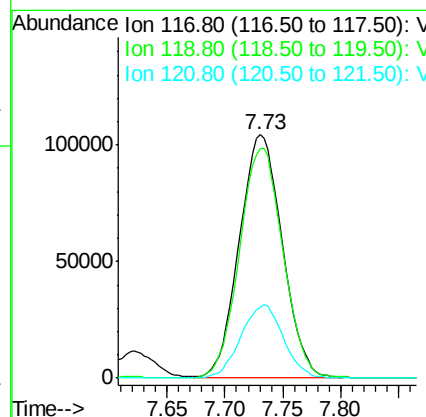
Manual Integrations
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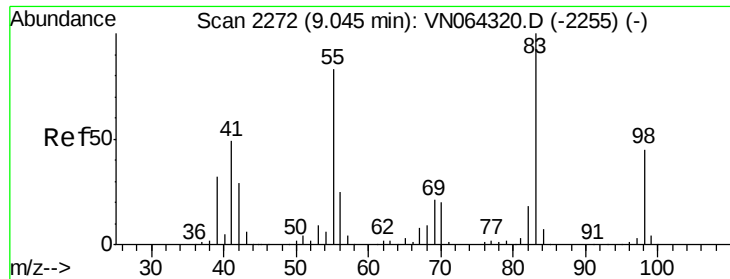
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#38
Carbon Tetrachloride
Concen: 53.401 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	73.7	110.5
121	29.3	22.8	34.2





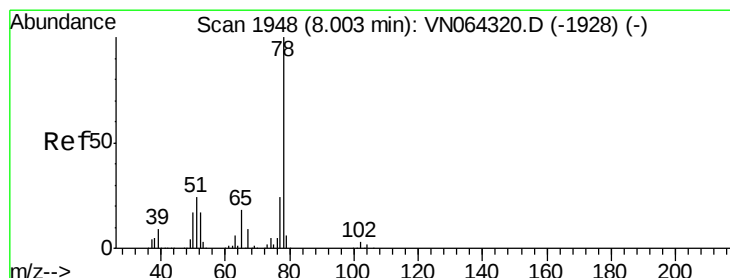
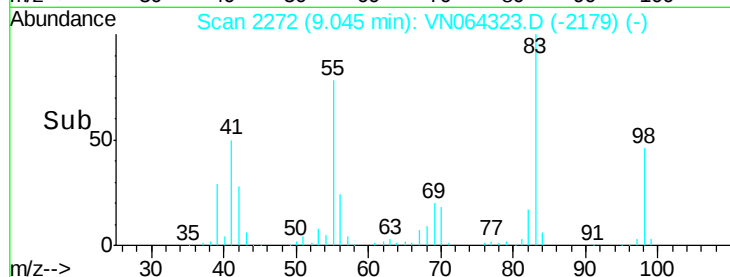
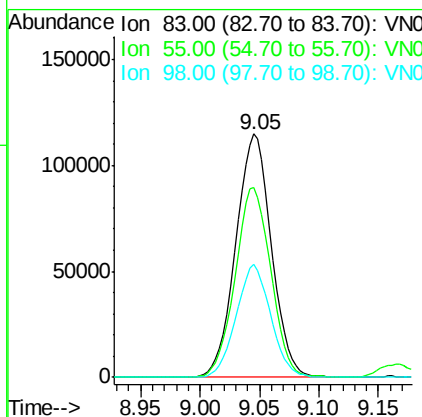
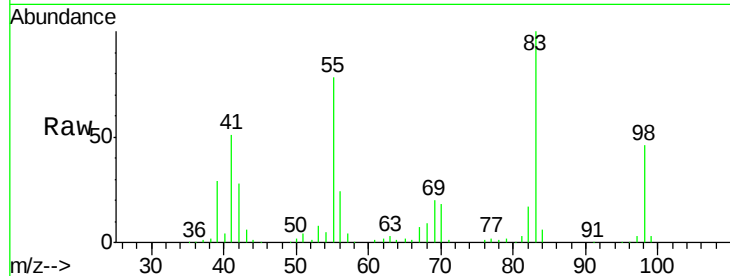
#39
Methvlcvclohexane
Concen: 55.524 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	66.2	99.4
98	46.4	36.0	54.0

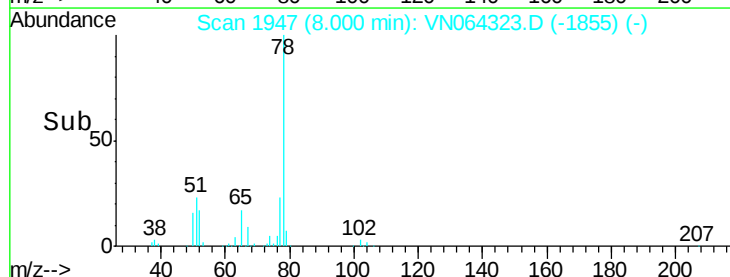
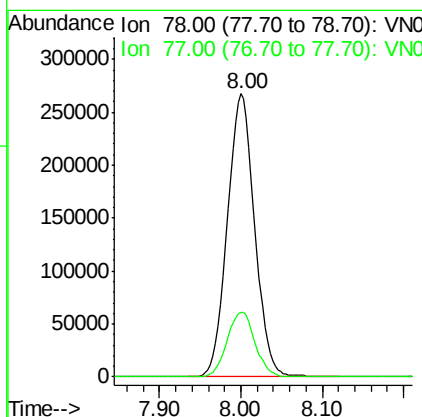
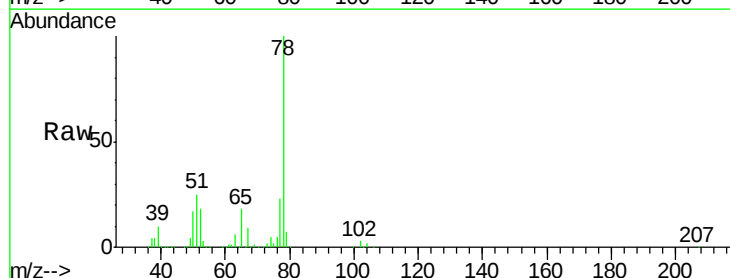
Manual Integrations
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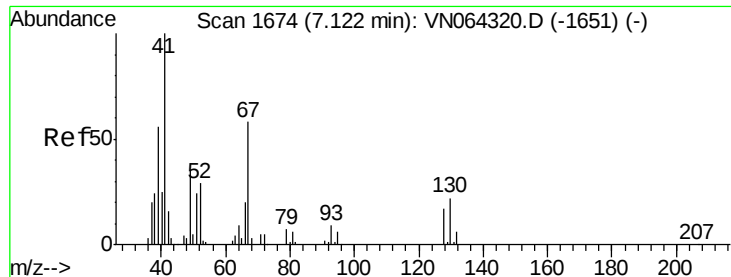
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#40
Benzene
Concen: 52.204 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





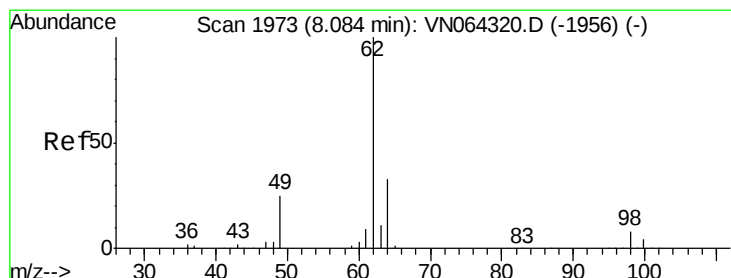
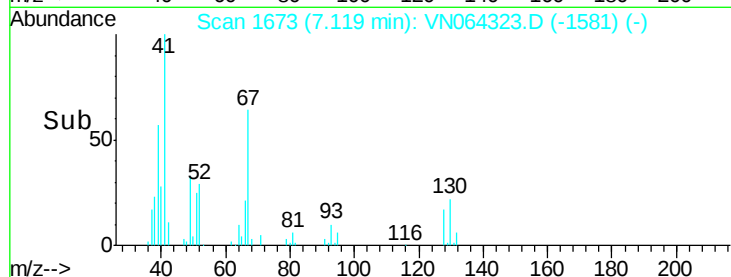
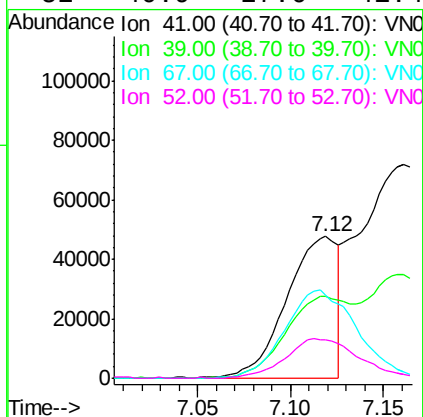
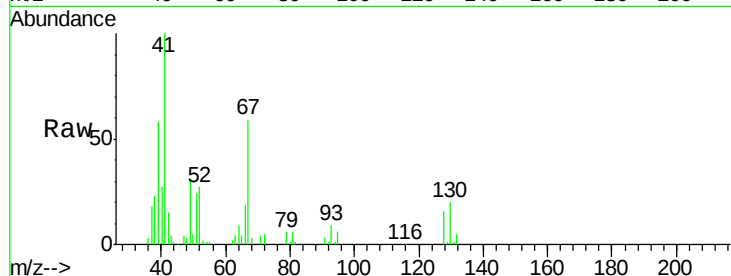
#41
Methacrylonitrile
Concen: 41.561 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	41	Resp	90074
Ion	Ratio	Lower	Upper
41	100		
39	76.0	48.6	72.8#
67	89.8	61.4	92.2
52	40.9	27.6	41.4

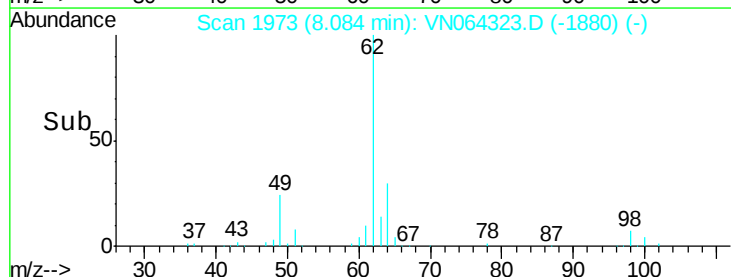
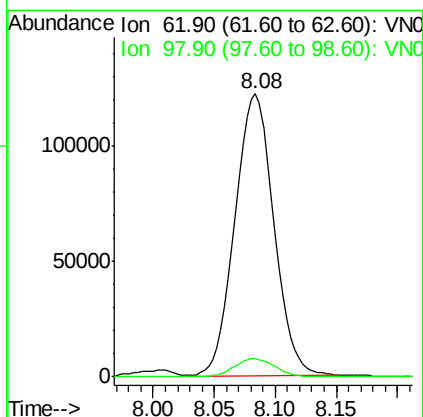
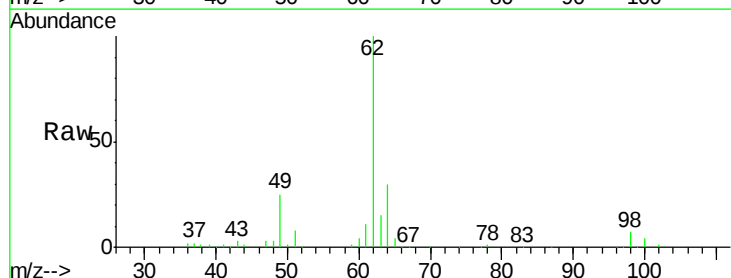
Manual Integrations
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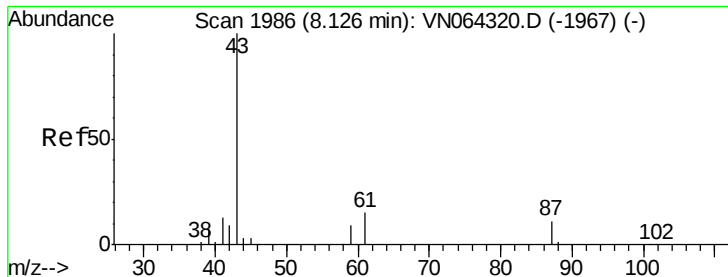
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.154 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	62	Resp	271051
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	14.2





#43

Isopropyl Acetate

Concen: 51.748 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

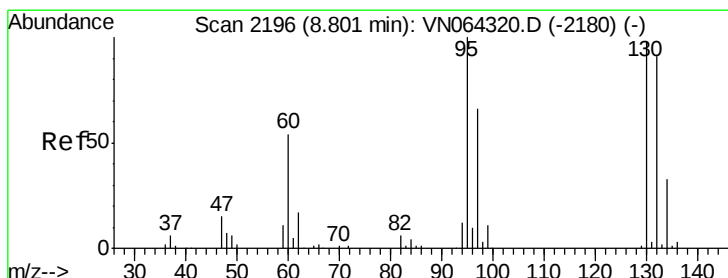
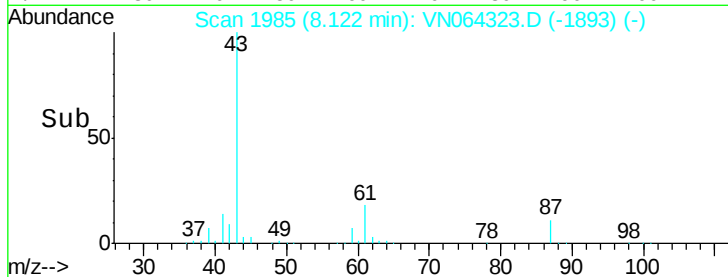
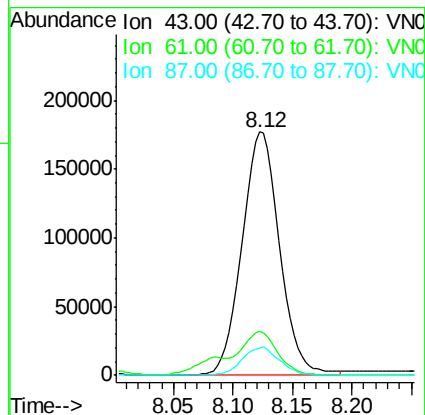
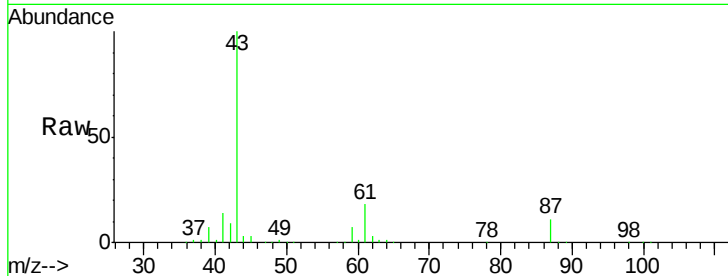
ClientSampleId :

ICVVN102720

Tot Ion:	43	Resp:	386204
Ion	Ratio	Lower	Upper
43	100		
61	17.4	19.1	28.7#
87	11.5	9.3	13.9

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#44

Trichloroethene

Concen: 55.381 ug/l

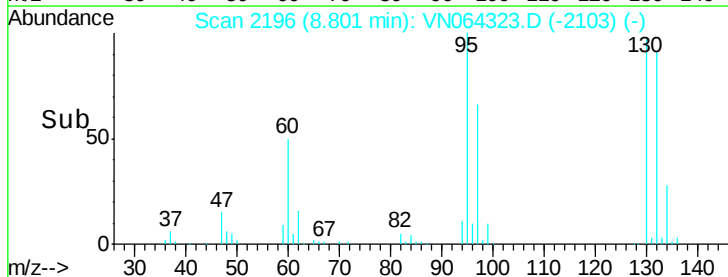
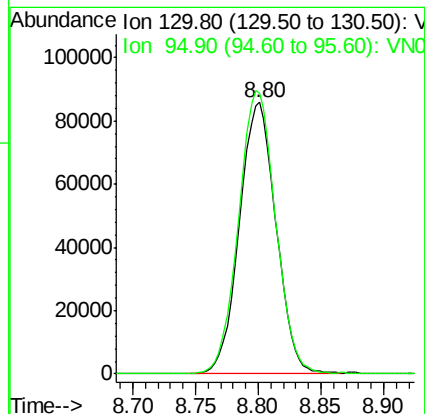
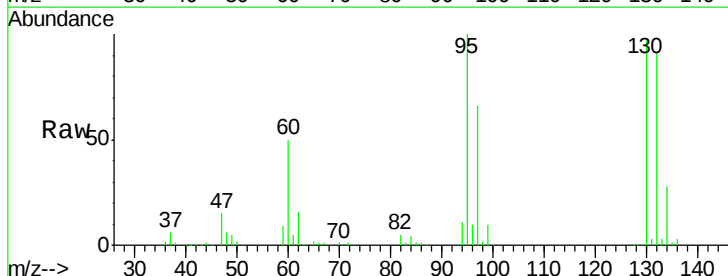
RT: 8.80 min Scan# 2196

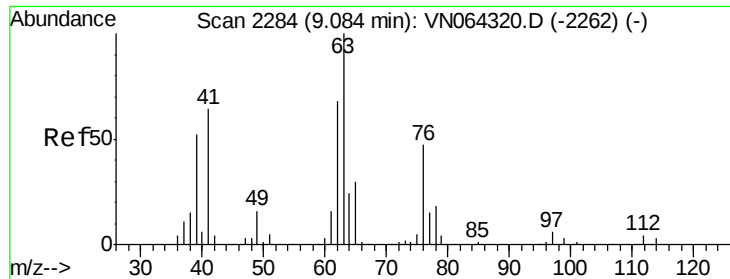
Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:	130	Resp:	174546
Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	203.6





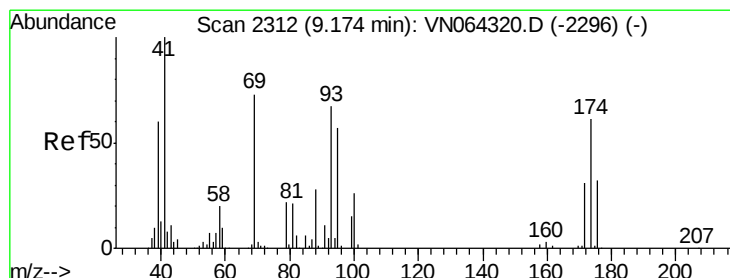
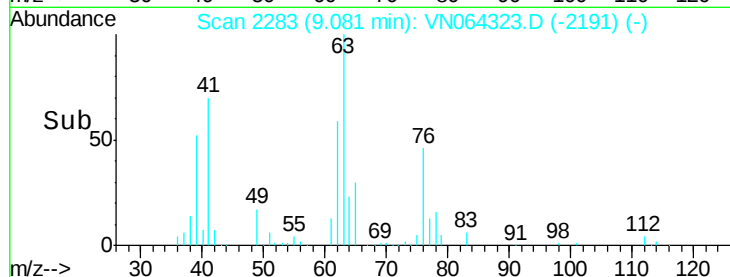
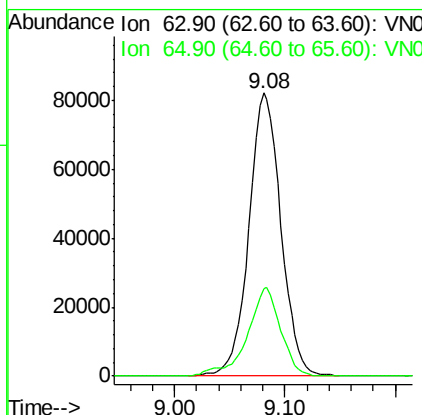
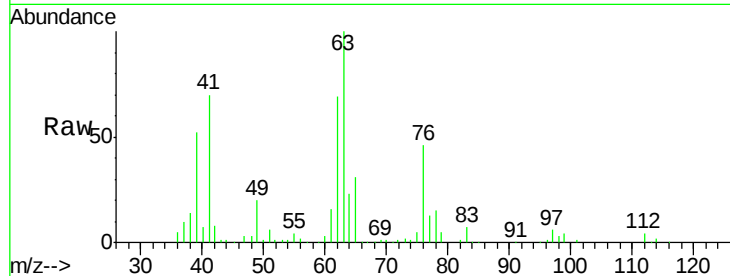
#45
1,2-Dichloropropane
Concen: 51.397 ug/l
RT: 9.08 min Scan# 2283
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion: 63 Resp: 165588
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5

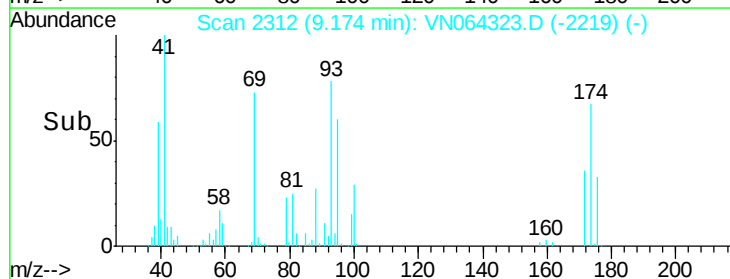
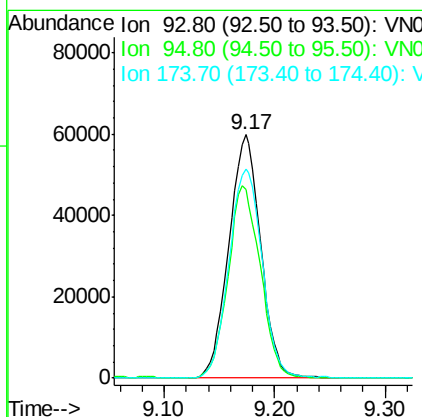
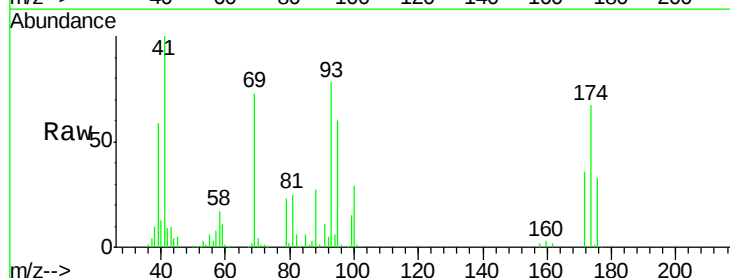
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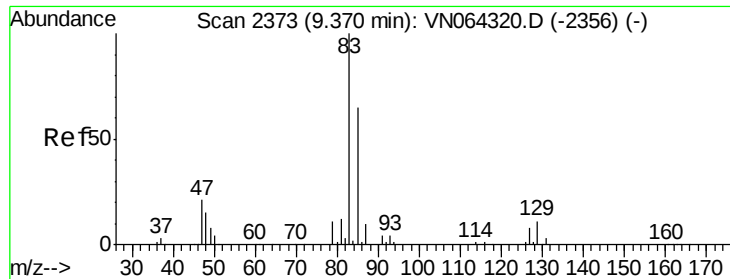
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#46
Dibromomethane
Concen: 53.226 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 93 Resp: 119965
Ion Ratio Lower Upper
93 100
95 80.3 64.4 96.6
174 89.2 71.4 107.0





#47

Bromodichloromethane

Concen: 50.398 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

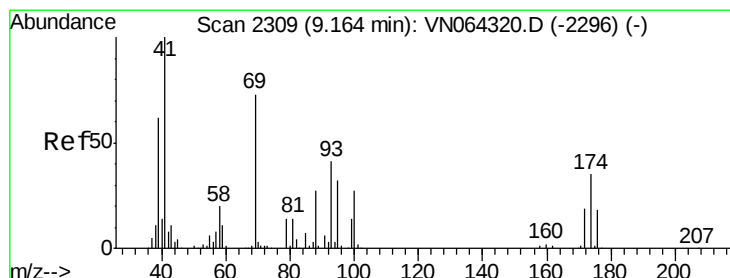
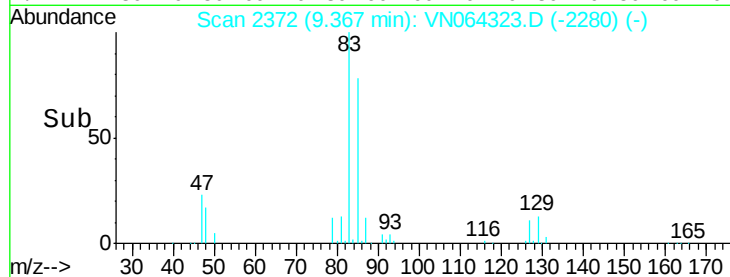
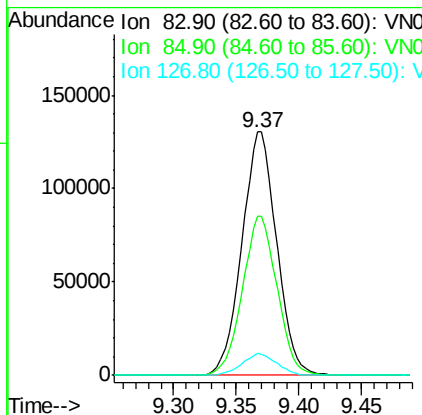
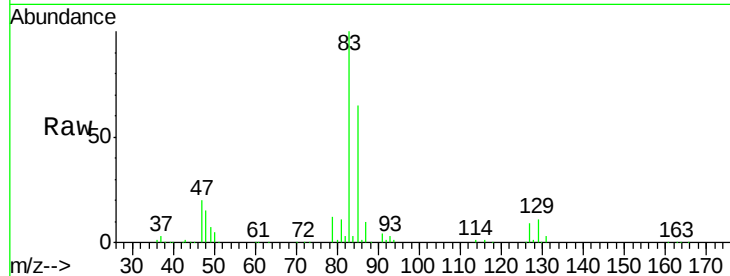
ClientSampleId :

ICVVN102720

Tot Ion:	83	Resp:	251738
Ion Ratio	Lower	Upper	
83	100		
85	65.4	52.1	78.1
127	8.9	6.7	10.1

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#48

Methyl methacrylate

Concen: 49.932 ug/l

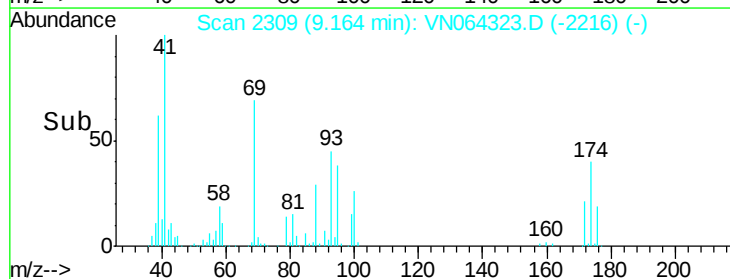
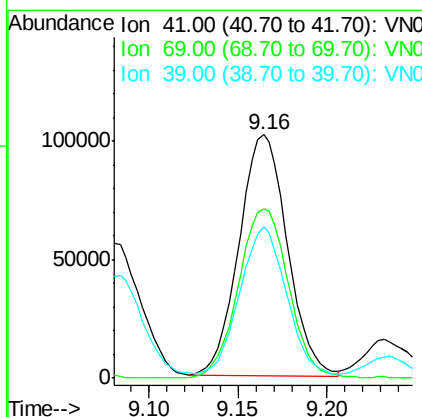
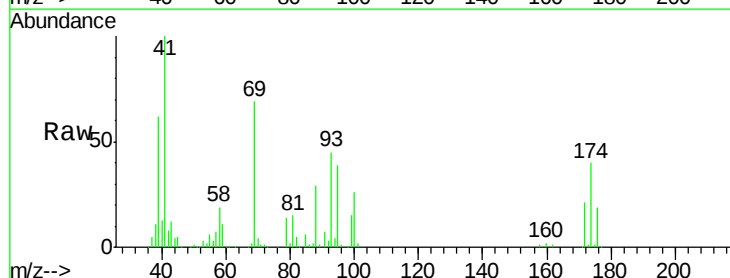
RT: 9.16 min Scan# 2309

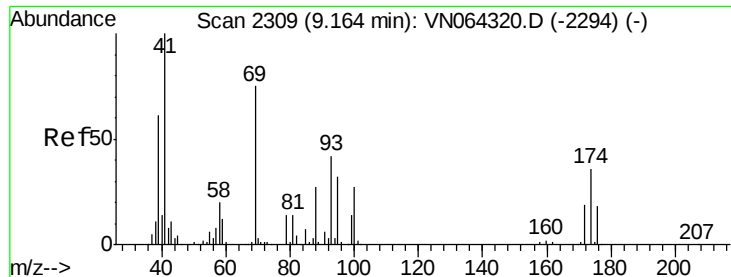
Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:	41	Resp:	192267
Ion Ratio	Lower	Upper	
41	100		
69	73.0	59.1	88.7
39	61.8	51.3	76.9





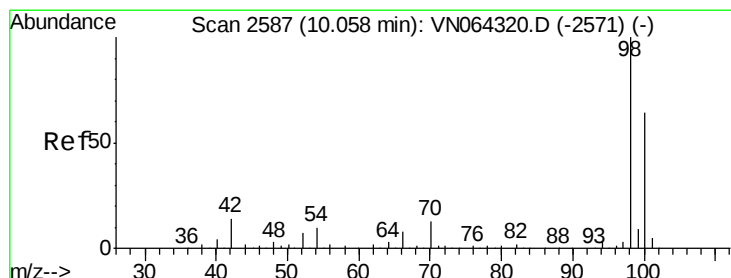
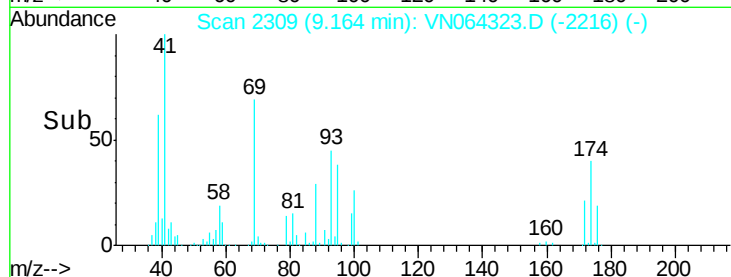
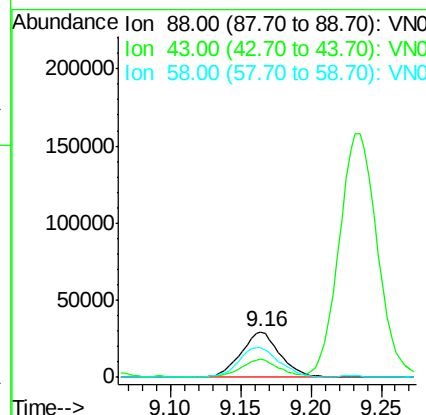
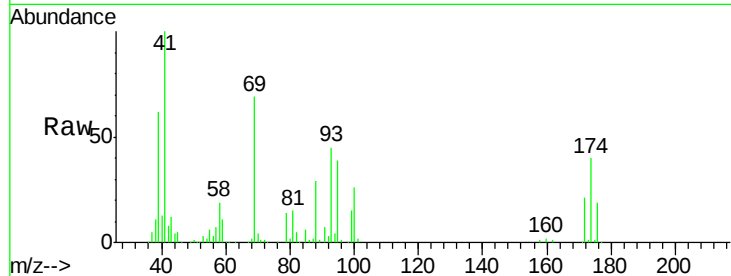
#49
1,4-Dioxane
Concen: 1006.596 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	31.8	47.8
58	68.3	60.3	90.5

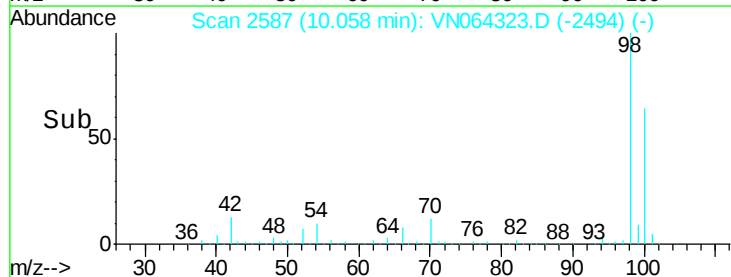
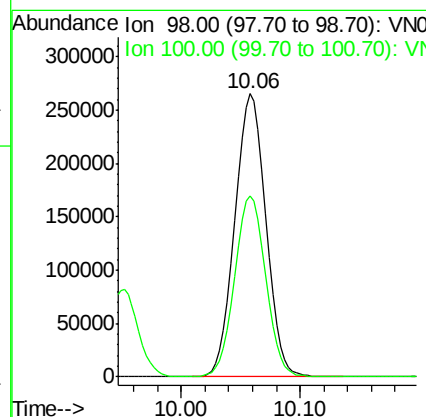
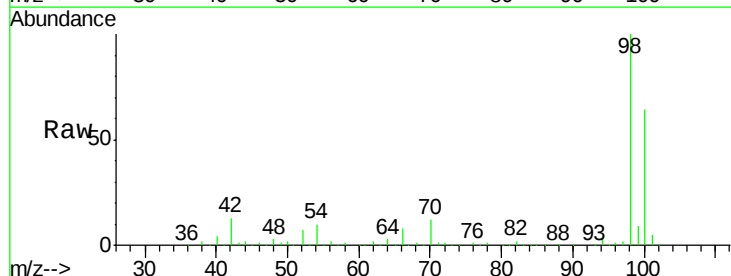
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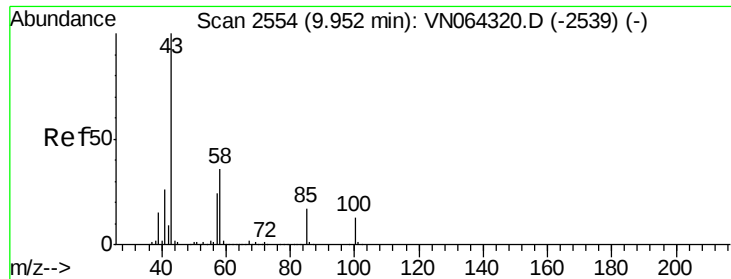
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#50
Toluene-d8
Concen: 45.576 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 253.299 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

Tot Ion: 43 Resp: 1098874

Ion Ratio Lower Upper

43 100

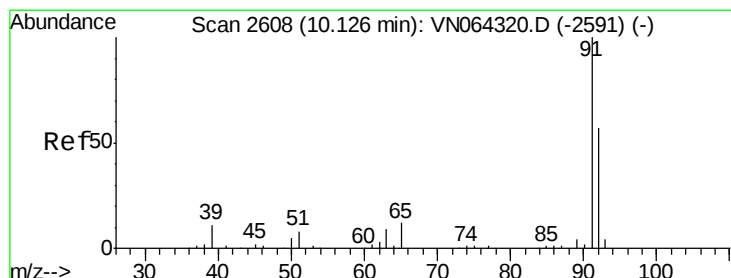
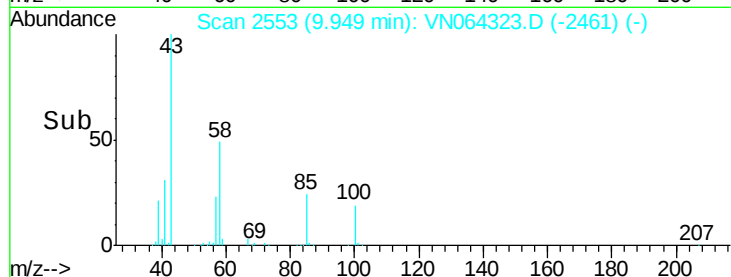
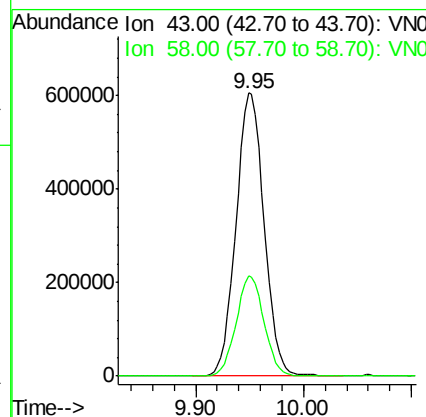
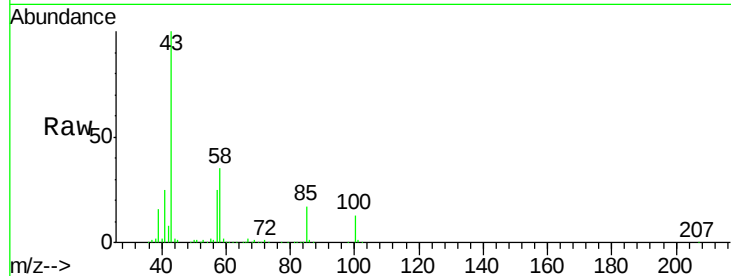
58 35.2 28.6 42.8

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#52

Toluene

Concen: 52.809 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064323.D

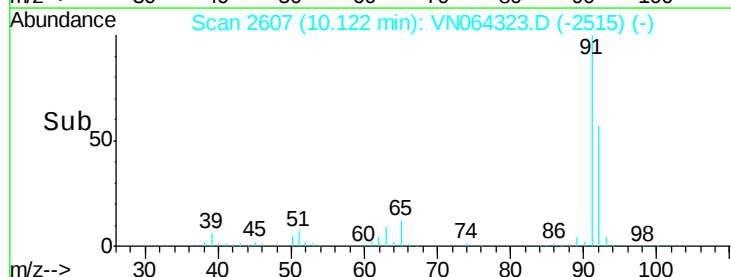
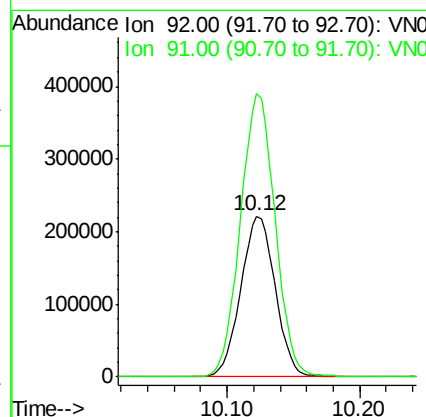
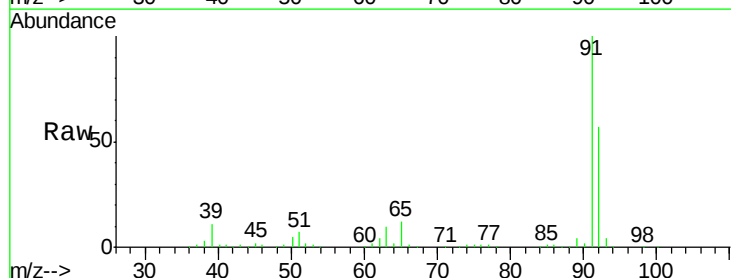
Acq: 27 Oct 2020 13:22

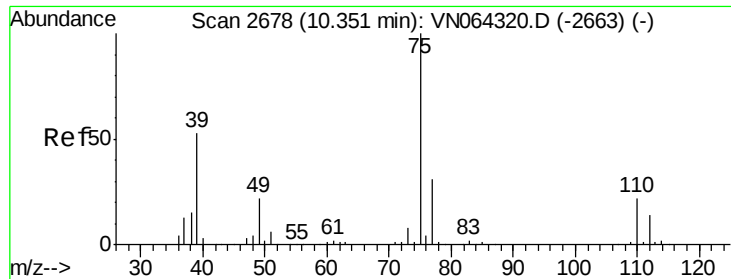
Tgt Ion: 92 Resp: 400924

Ion Ratio Lower Upper

92 100

91 177.3 139.9 209.9





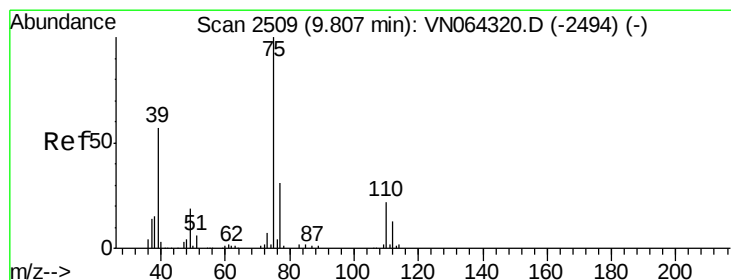
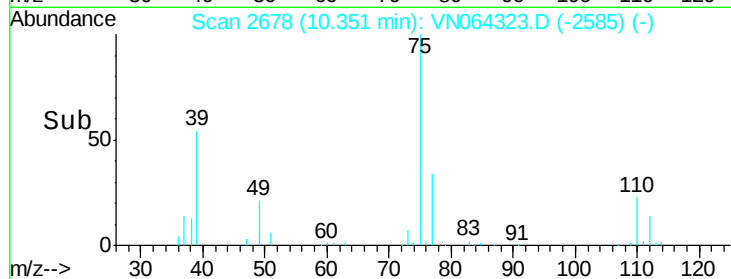
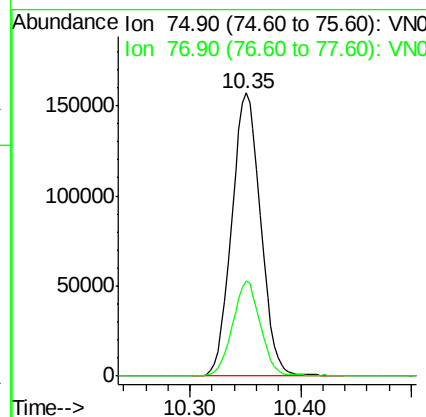
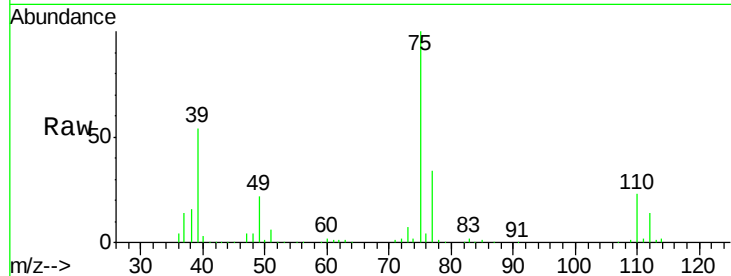
#53
t-1,3-Dichloropropene
Concen: 54.111 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion: 75 Resp: 285787
Ion Ratio Lower Upper
75 100
77 33.4 24.8 37.2

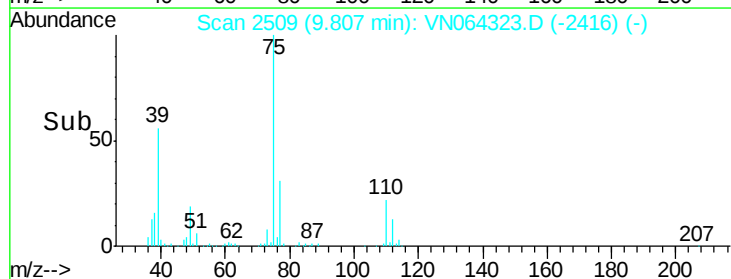
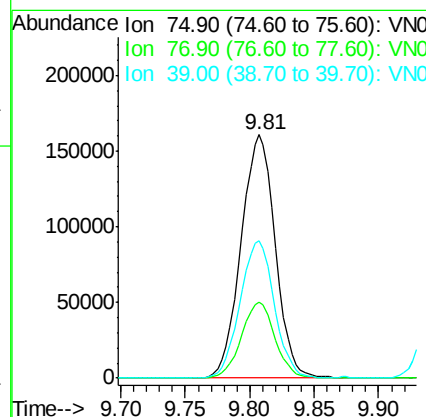
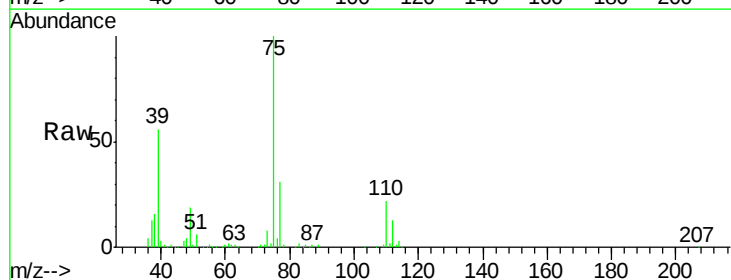
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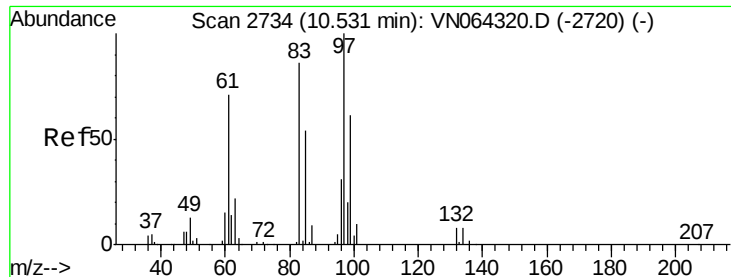
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#54
cis-1,3-Dichloropropene
Concen: 54.556 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 75 Resp: 296603
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 56.4 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 51.689 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

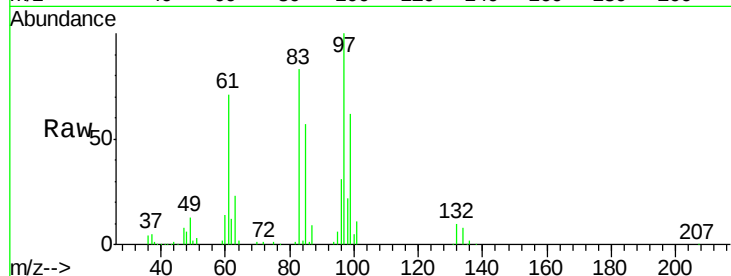
ClientSampleId :

ICVVN102720

Tot Ion:	97	Resp:	154900
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.9	103.3
85	56.8	43.6	65.4
99	62.3	49.2	73.8

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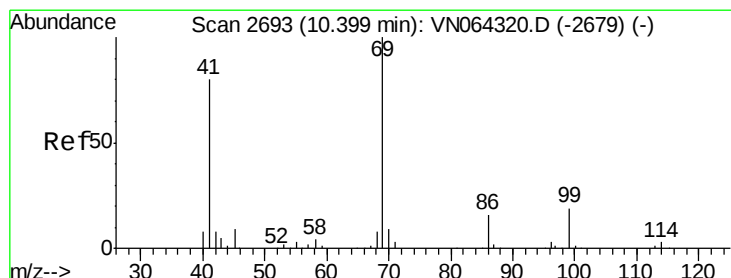
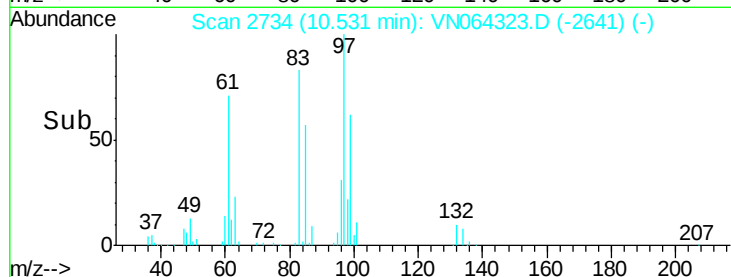
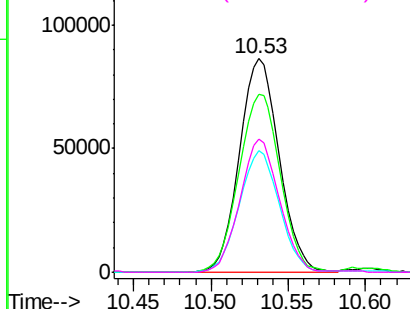


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 53.788 ug/l

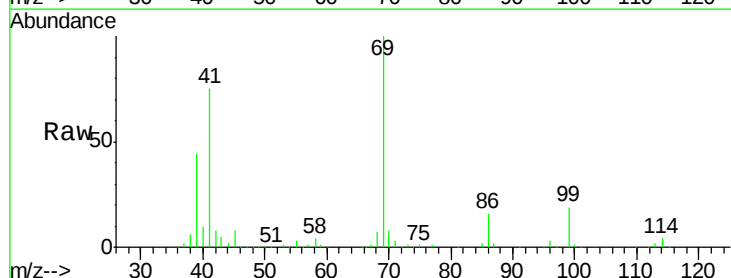
RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

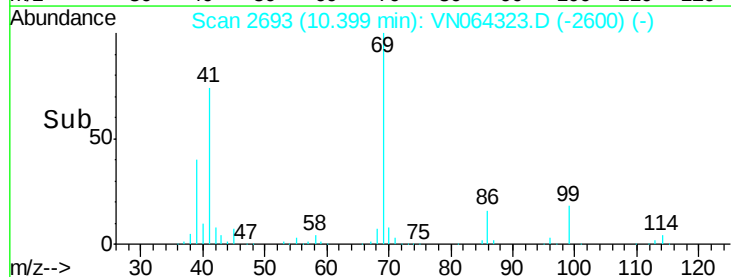
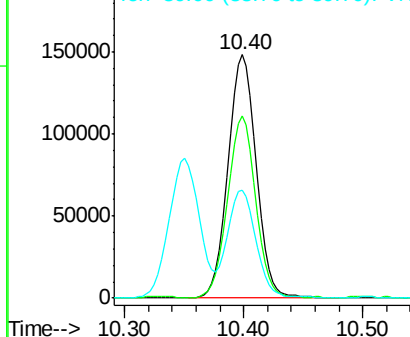
Tgt Ion:	69	Resp:	244005
Ion	Ratio	Lower	Upper
69	100		
41	74.1	61.4	92.2
39	43.8	36.5	54.7

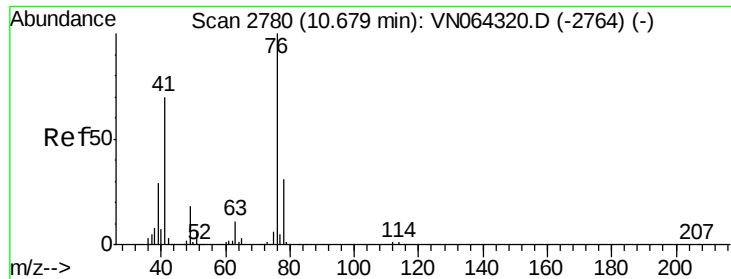


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





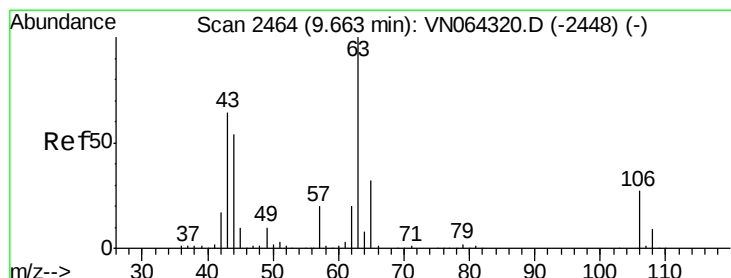
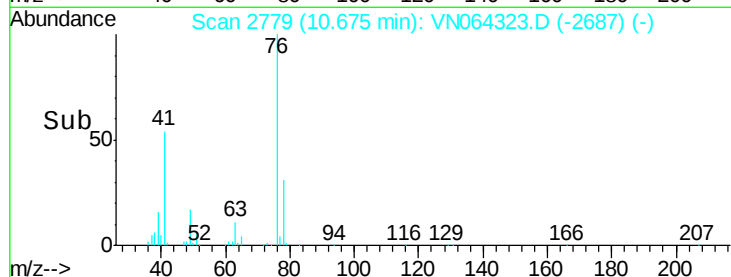
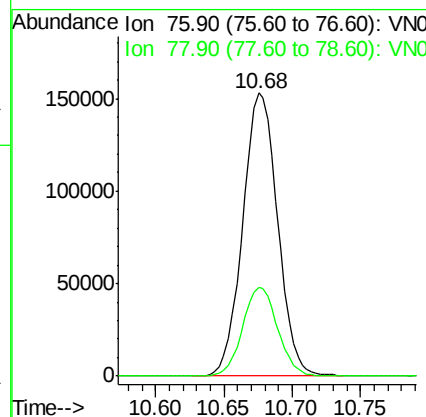
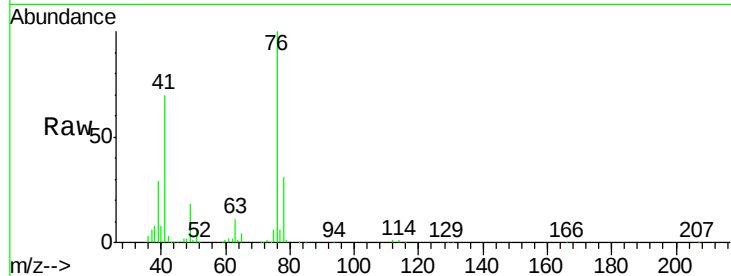
#57
 1,3-Dichloropropane
 Concen: 53.115 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.8	38.6

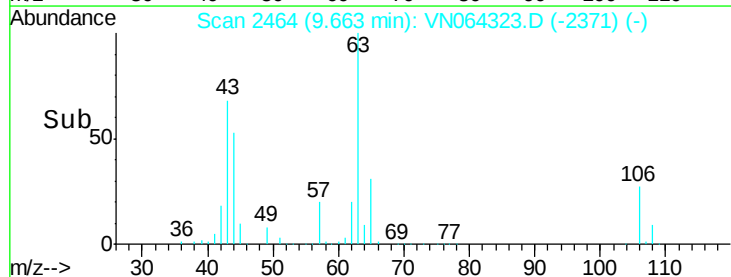
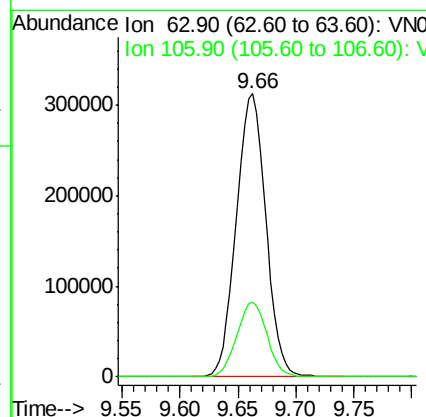
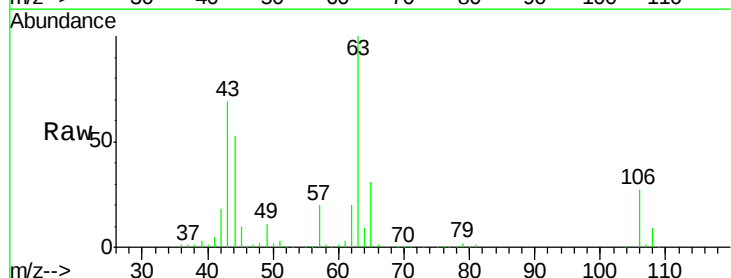
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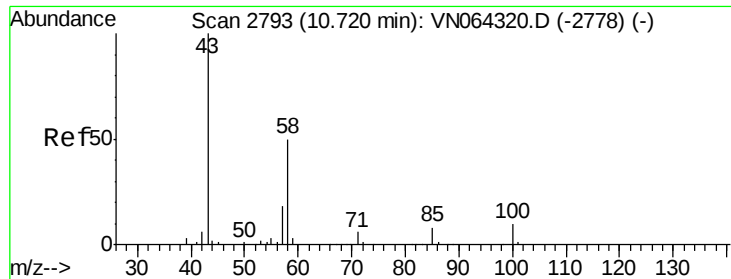
MMDadoda
 10/28/2020 12:35:41 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 222.637 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.0	31.4





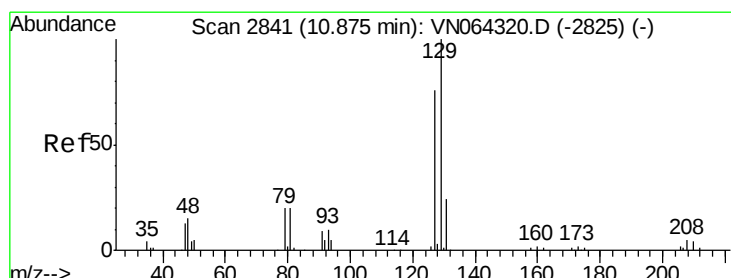
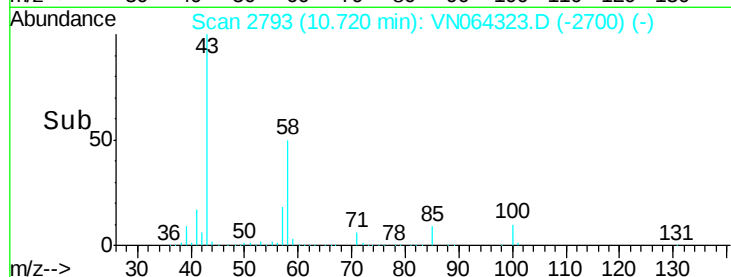
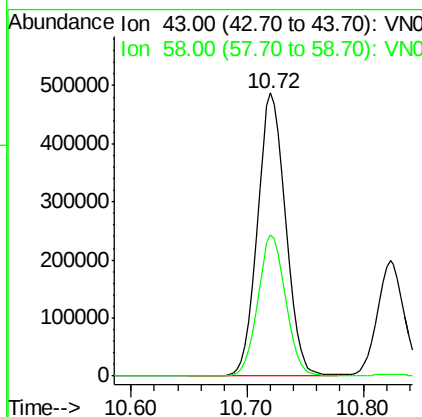
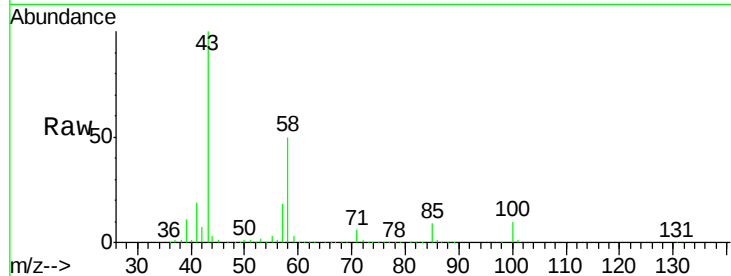
#59
2-Hexanone
Concen: 258.264 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	43	58	Resp	825185
Ion Ratio	100	49.3	Lower	Upper
		25.0		75.0

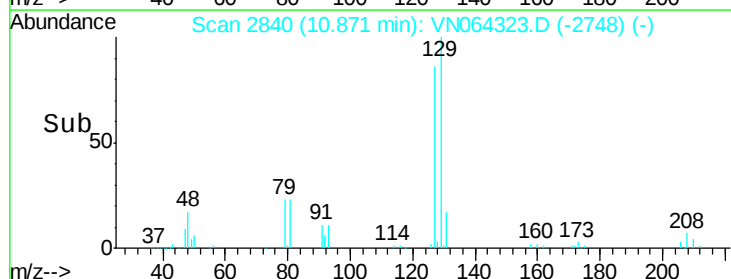
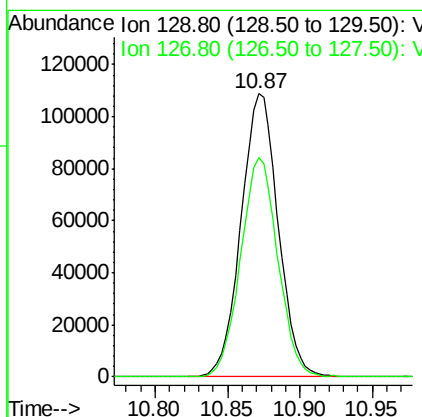
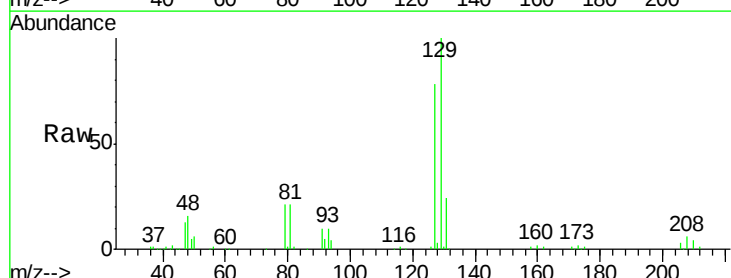
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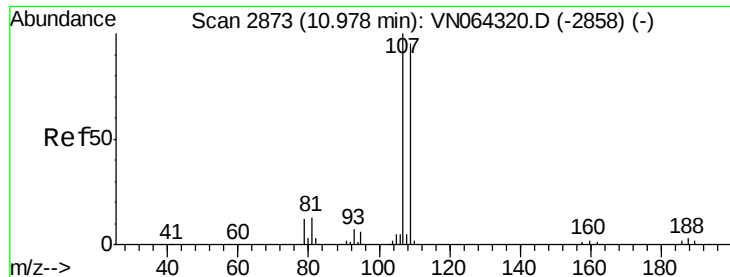
MMDadoda
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#60
Dibromochloromethane
Concen: 54.721 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	129	127	Resp	193891
Ion Ratio	100	77.5	Lower	Upper
		38.5		115.3





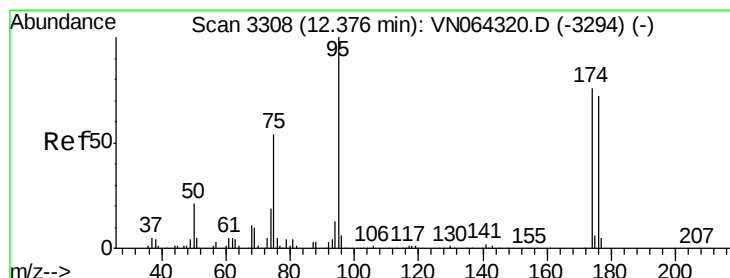
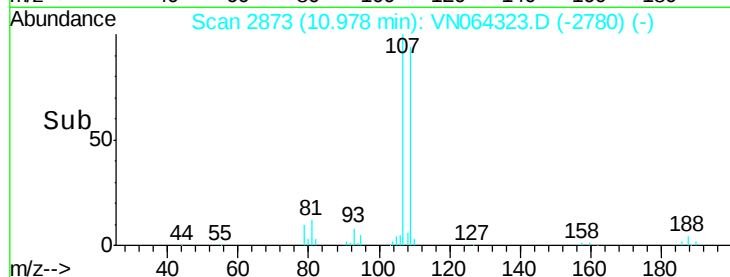
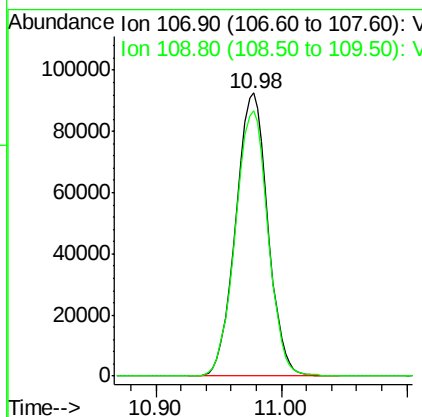
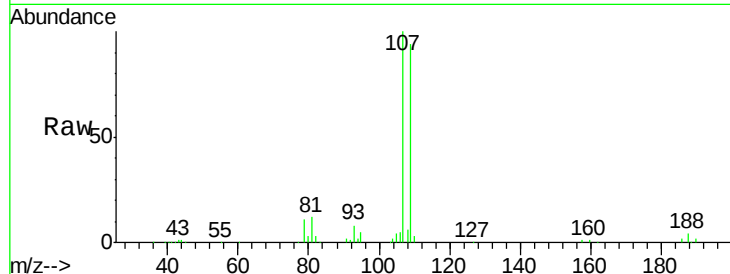
#61
 1,2-Dibromoethane
 Concen: 53.972 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.8	113.8

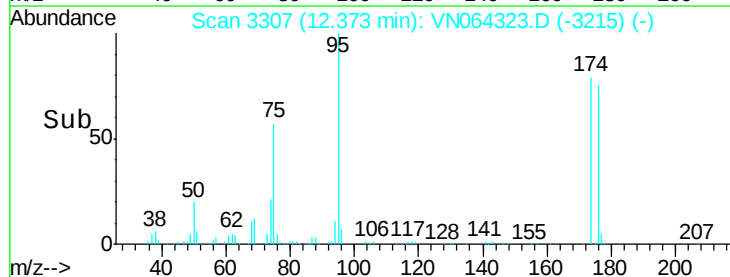
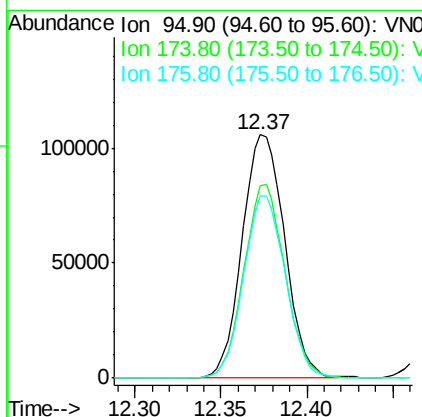
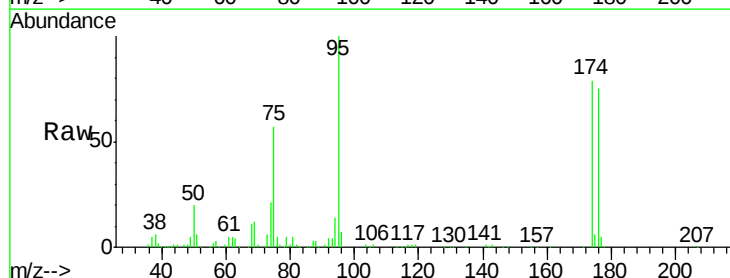
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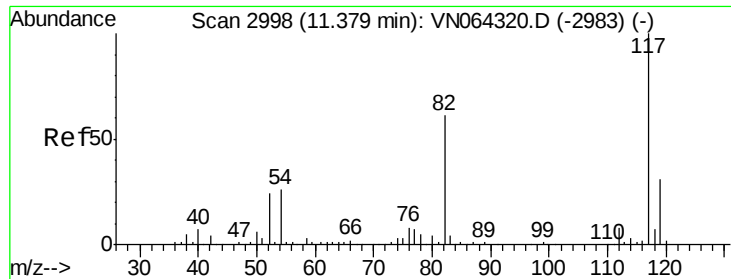
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 10/28/2020 12:35:41 PM



#62
 4-Bromofluorobenzene
 Concen: 44.111 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	147.4
176	73.6	0.0	143.6





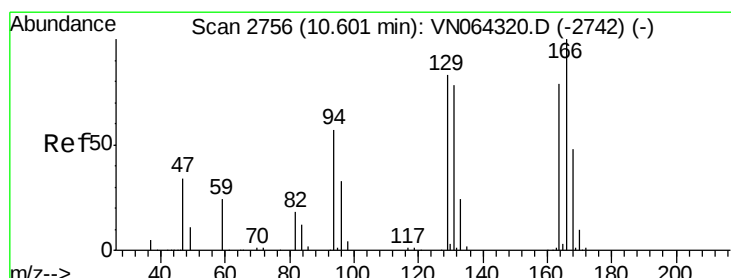
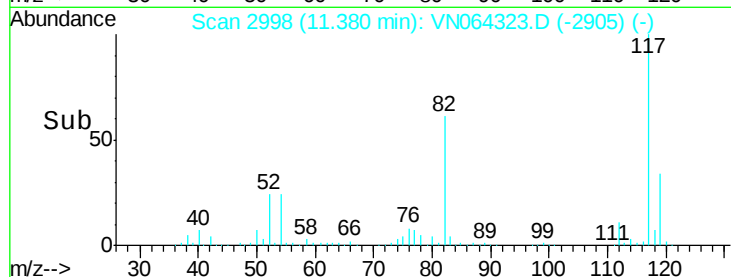
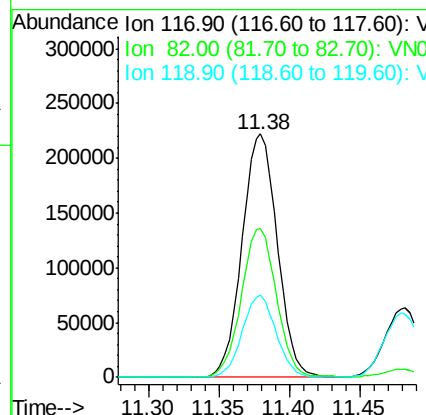
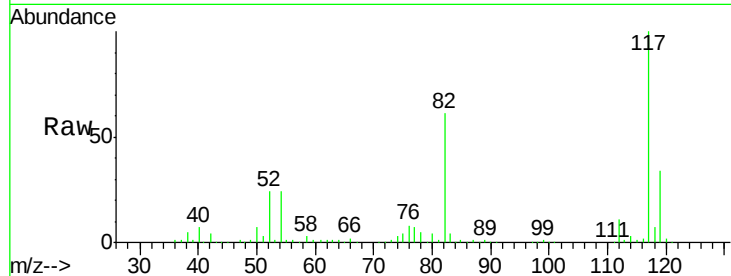
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	48.8	73.2
119	33.6	25.1	37.7

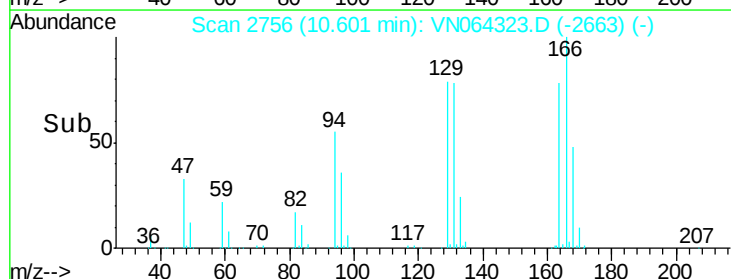
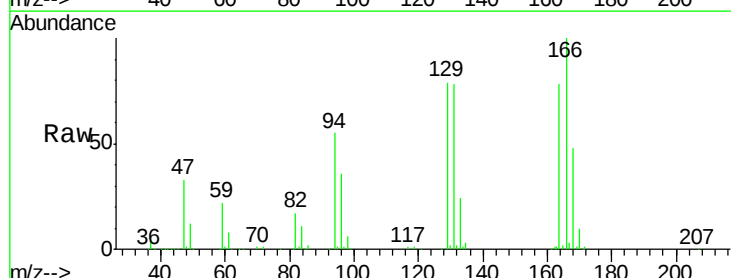
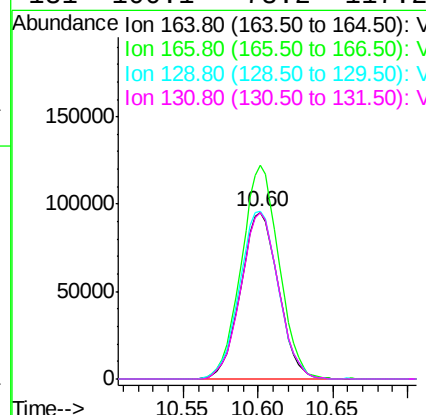
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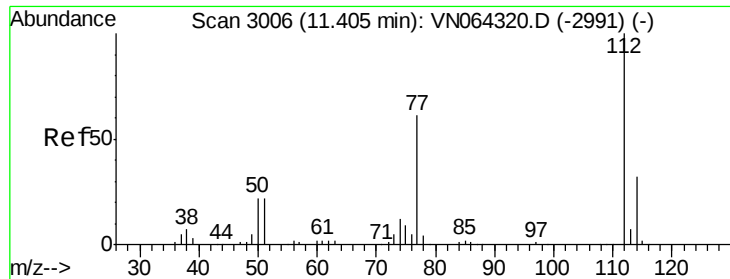
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#64
Tetrachloroethene
Concen: 52.137 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	100.7	151.1
129	101.0	83.7	125.5
131	100.1	78.2	117.2





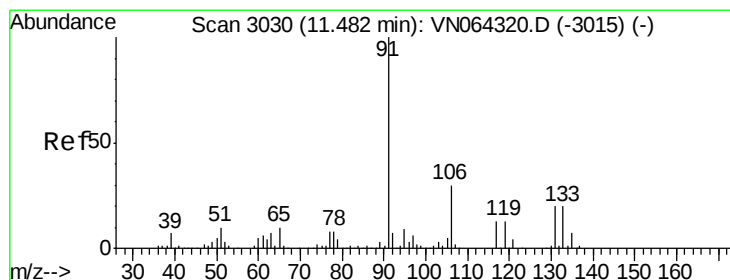
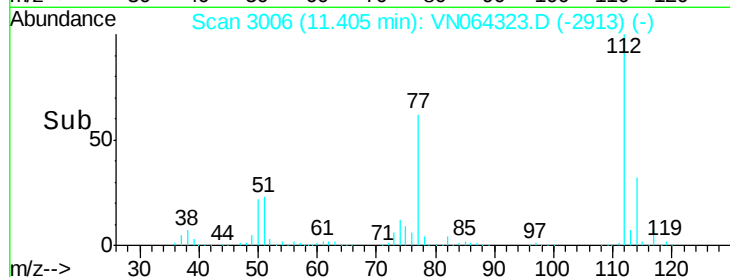
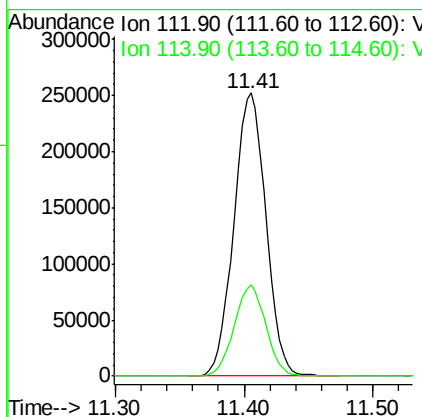
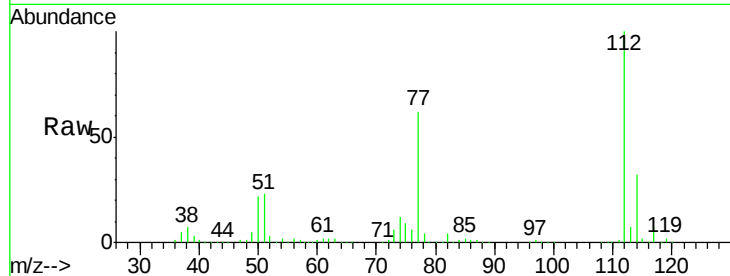
#65
Chlorobenzene
Concen: 55.086 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion:112 Resp: 435487
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

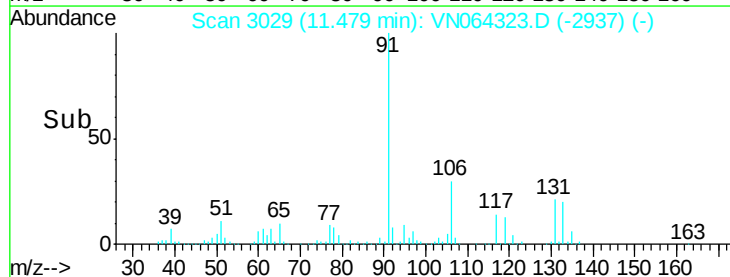
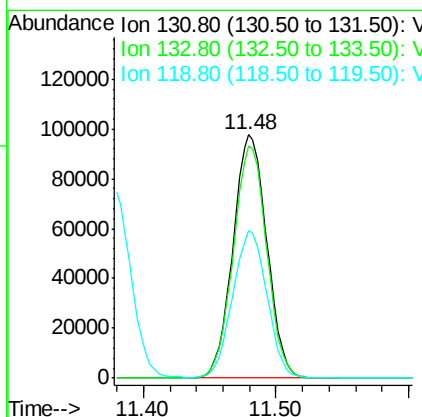
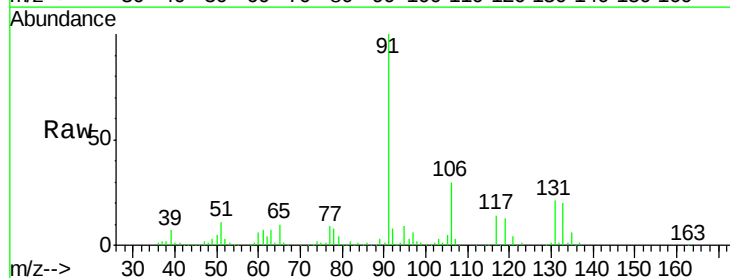
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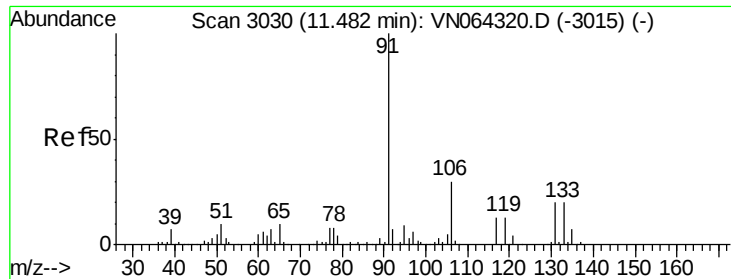
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.105 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion:131 Resp: 172880
Ion Ratio Lower Upper
131 100
133 94.3 49.3 147.8
119 61.6 32.3 96.9





#67

Ethyl Benzene

Concen: 55.045 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

Tot Ion: 91 Resp: 809023

Ion Ratio Lower Upper

91 100

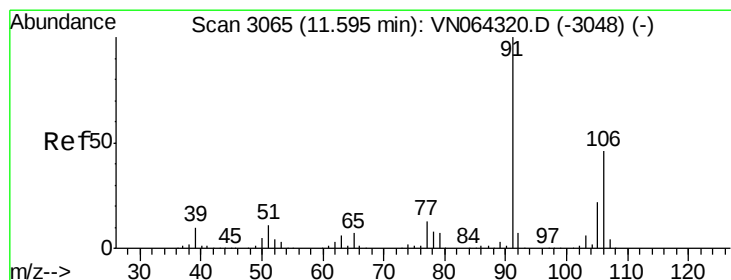
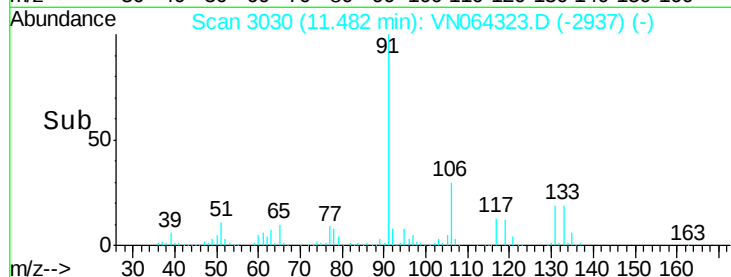
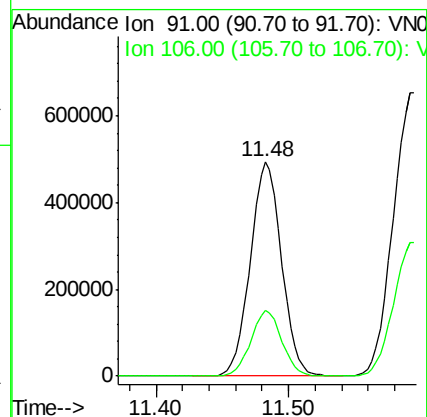
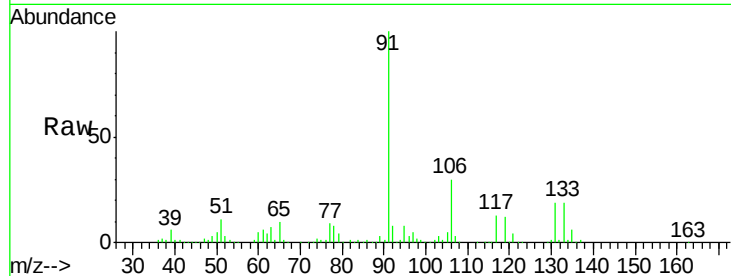
106 30.5 23.7 35.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 109.586 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064323.D

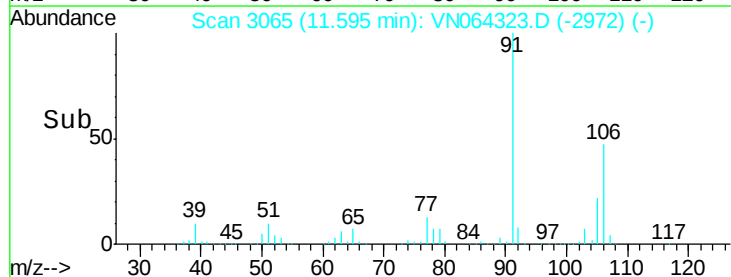
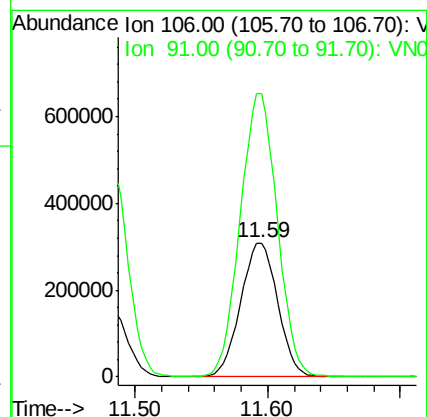
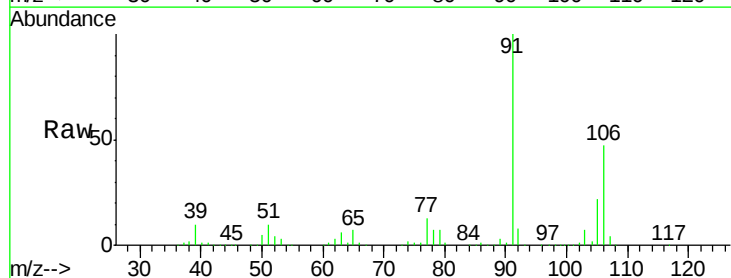
Acq: 27 Oct 2020 13:22

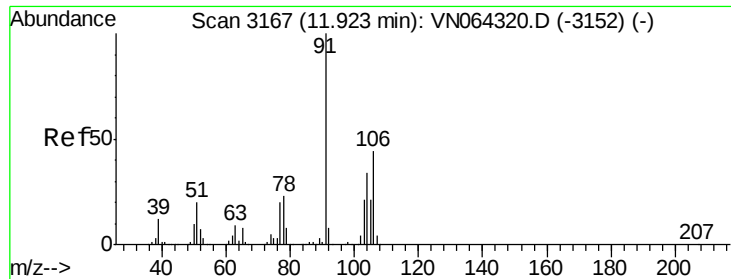
Tgt Ion: 106 Resp: 596885

Ion Ratio Lower Upper

106 100

91 212.0 170.2 255.4





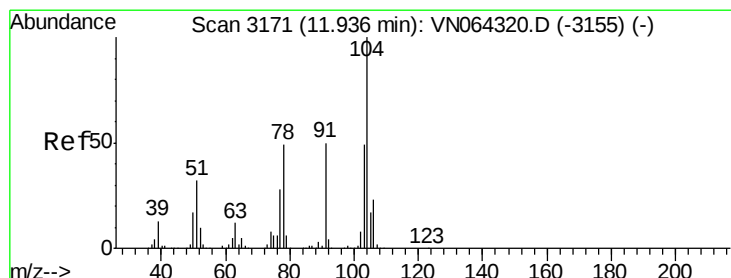
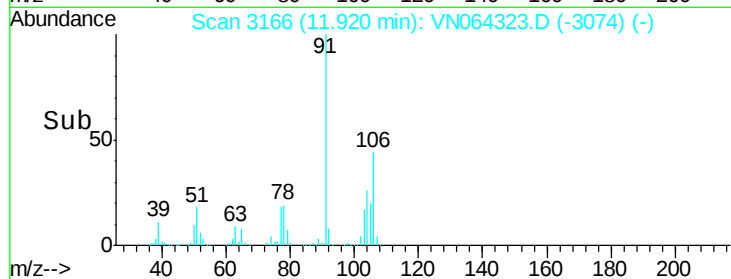
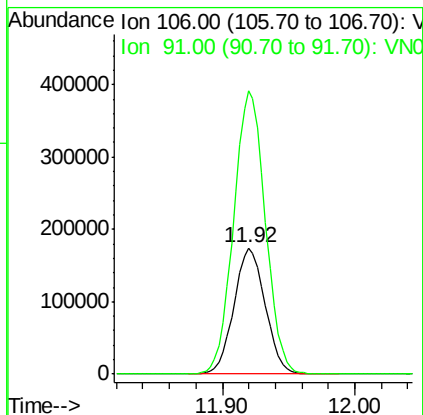
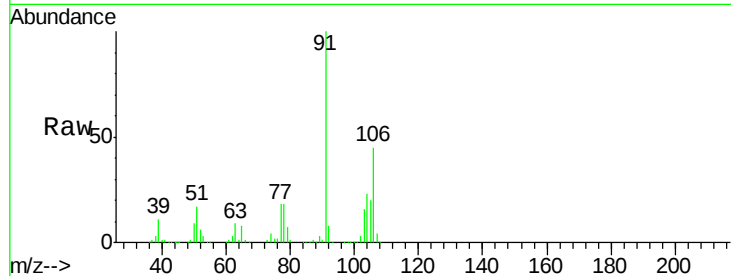
#69
o-Xylene
Concen: 54.341 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		285152		
91	226.9	114.5	343.5		

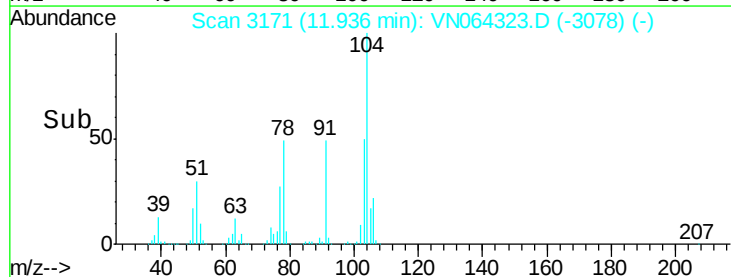
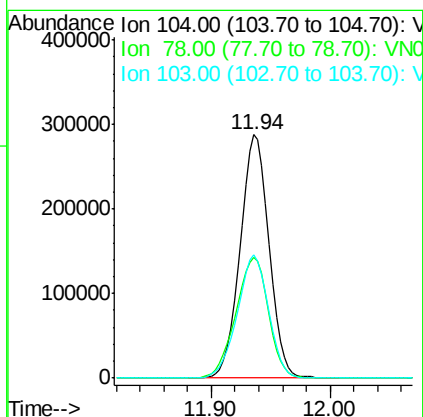
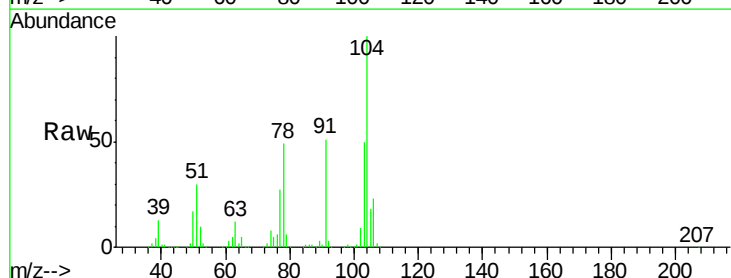
Manual Integrations
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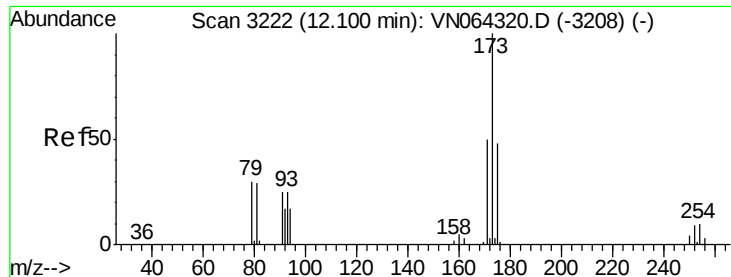
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#70
Styrene
Concen: 56.238 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		483851		
78	56.0	43.7	65.5		
103	54.7	43.3	64.9		





#71

Bromoform

Concen: 54.310 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

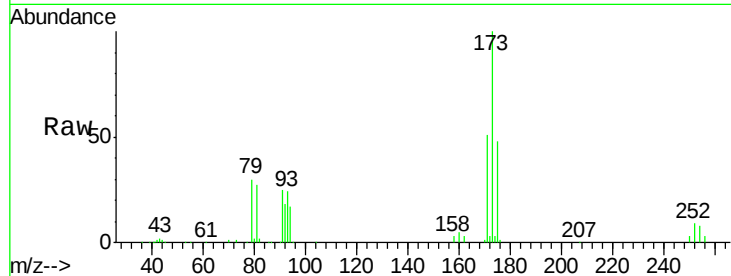
ClientSampleId :

ICVVN102720

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	25.4	76.0
254	0.0	0.0	0.0

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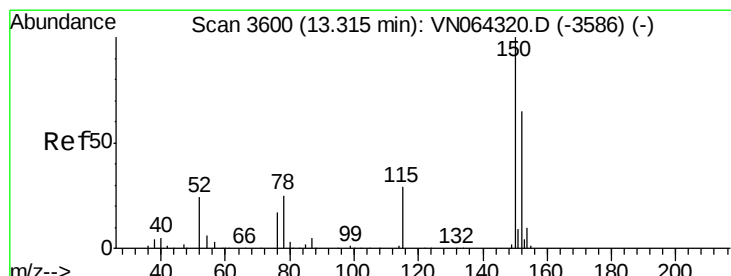
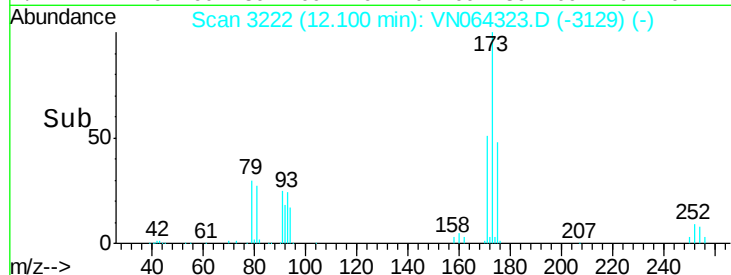
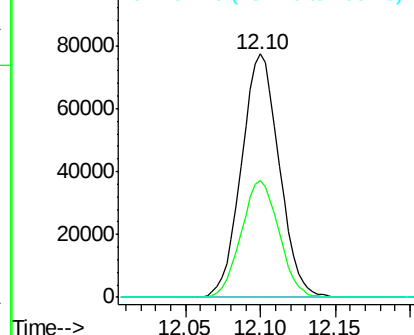


Abundance

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

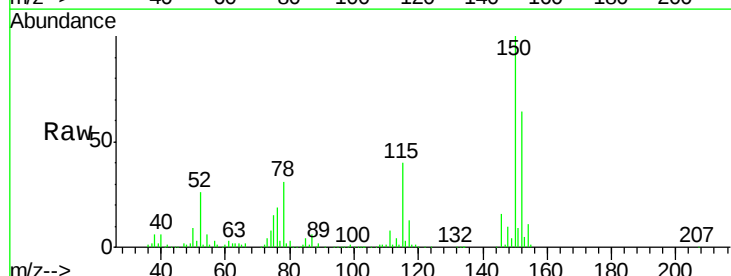
RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.5	94.5
150	171.8	0.0	346.2

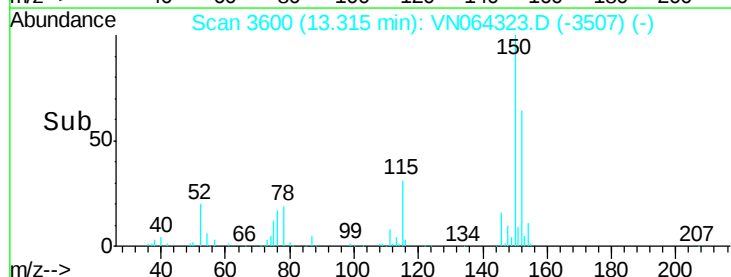
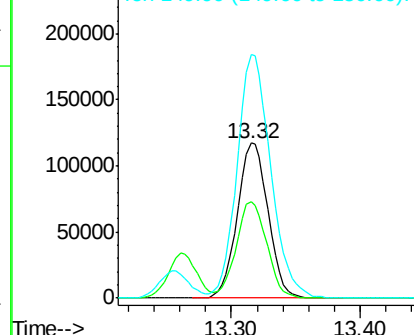


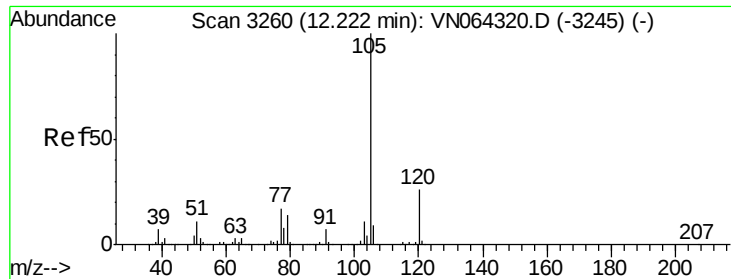
Abundance

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: 53.289 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

Tot Ion: 105 Resp: 773022

Ion Ratio Lower Upper

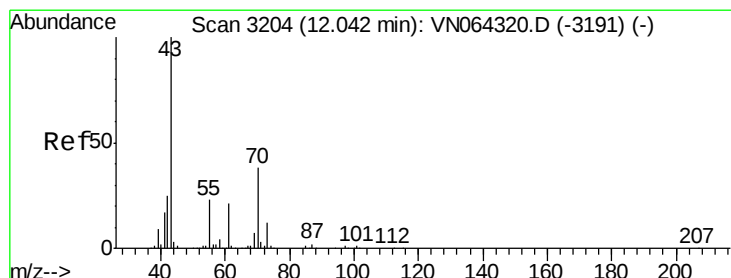
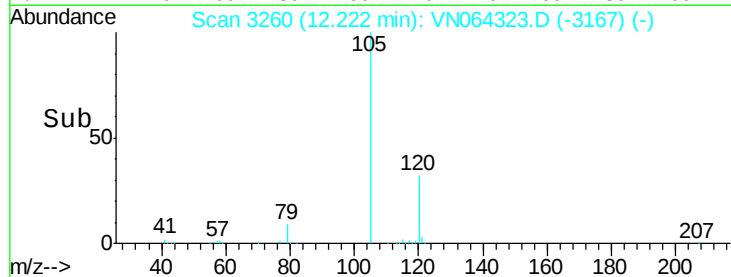
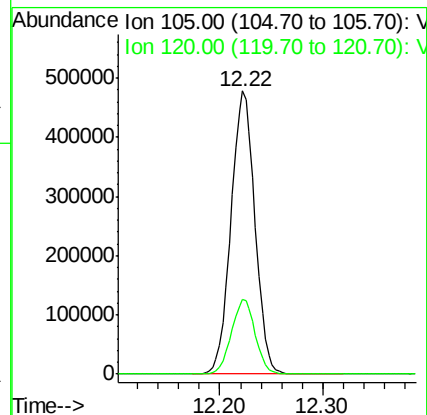
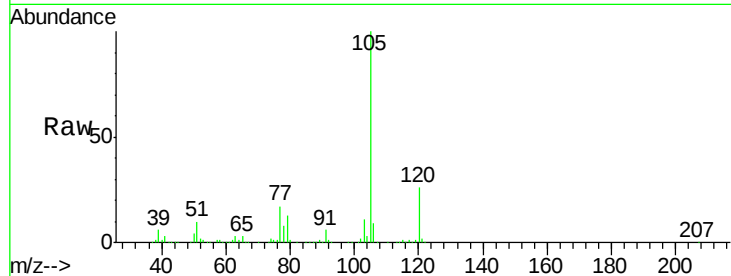
105 100

120 26.3 13.2 39.5

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#74

N-ethyl acetate

Concen: 51.998 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion: 43 Resp: 332014

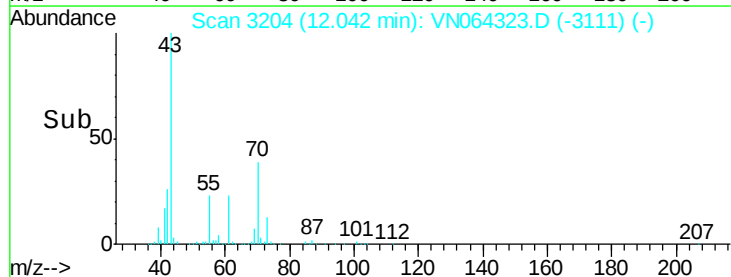
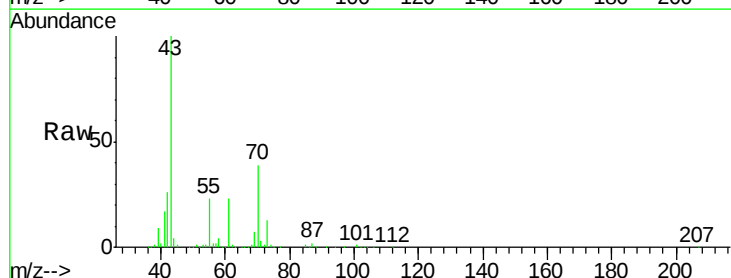
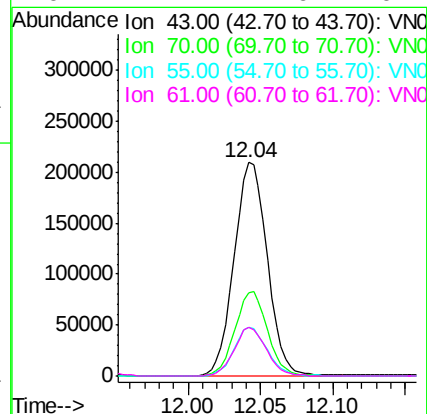
Ion Ratio Lower Upper

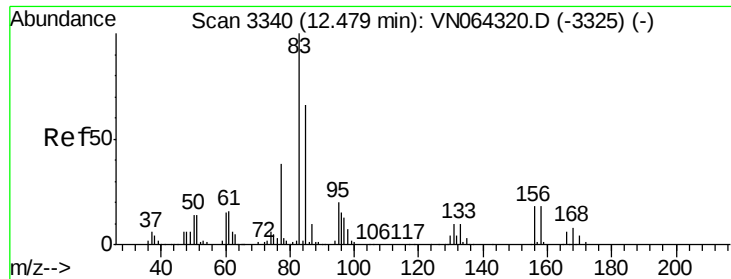
43 100

70 39.0 30.6 45.8

55 22.8 18.2 27.4

61 22.4 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.058 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

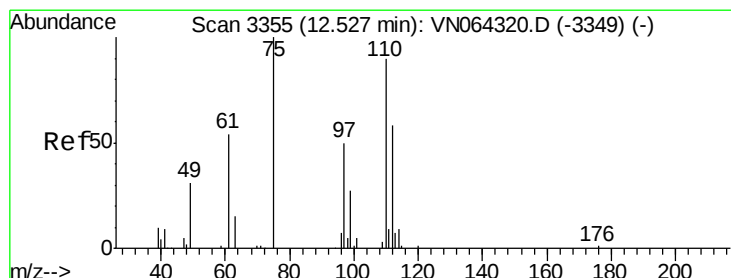
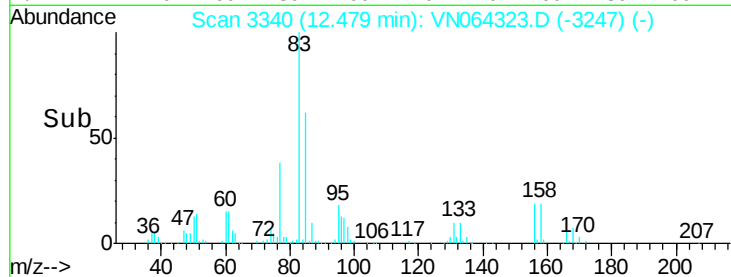
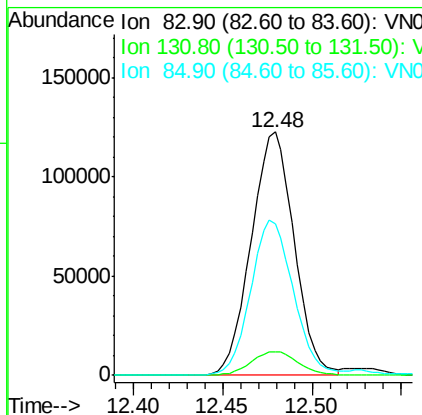
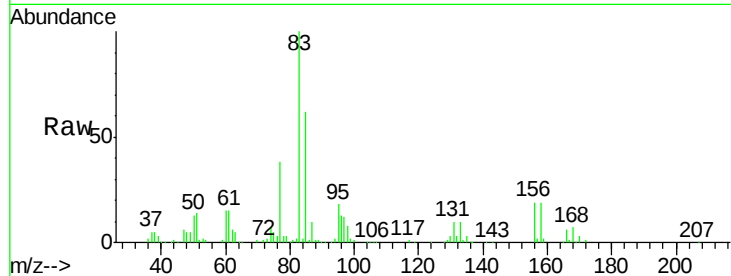
ClientSampleId :

ICVVN102720

Tot Ion:	83	Resp:	206859
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	63.4	33.0	98.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.778 ug/l m

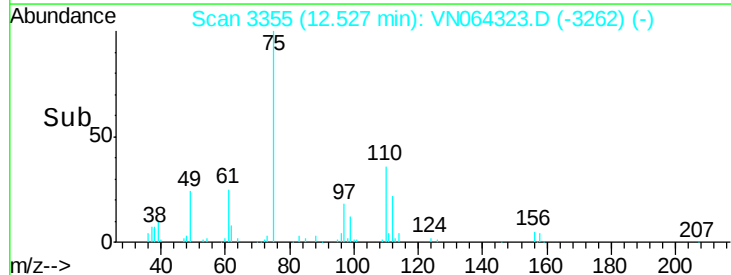
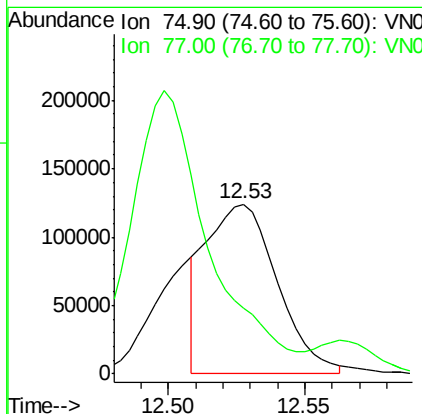
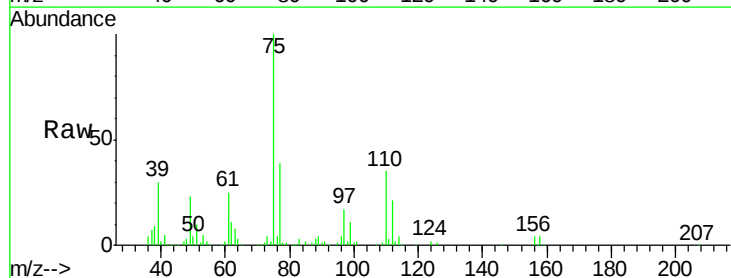
RT: 12.53 min Scan# 3355

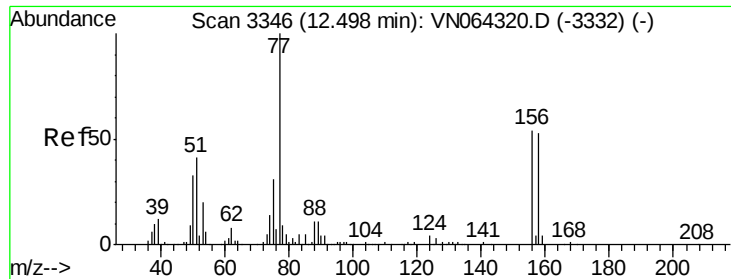
Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:	75	Resp:	226240
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.662 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

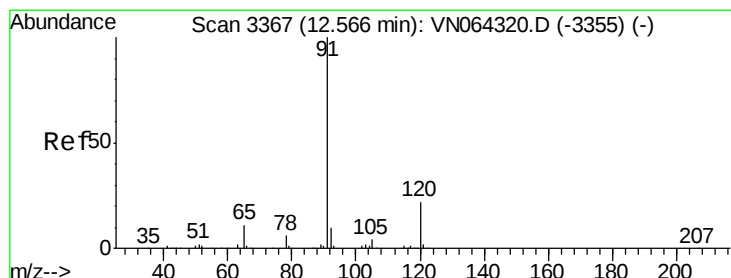
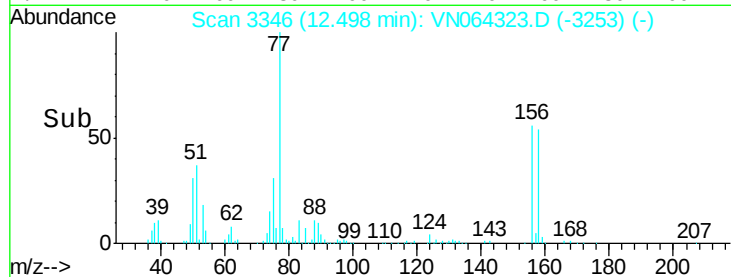
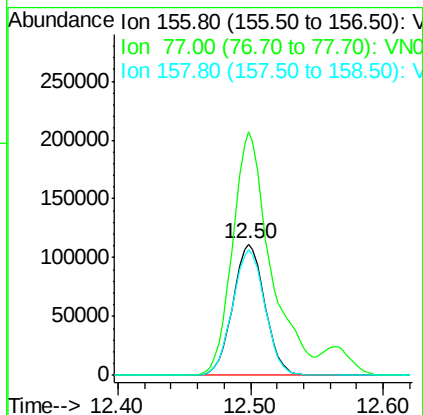
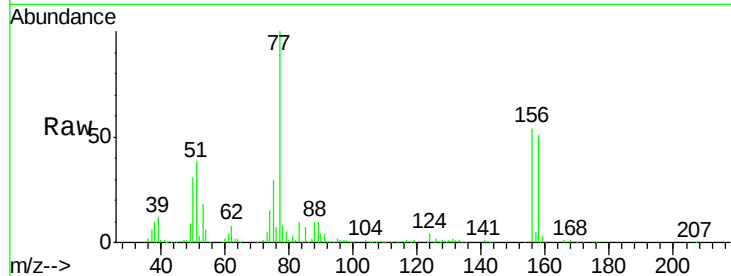
ClientSampleId :

ICVVN102720

Tot Ion	Ratio	Lower	Upper
156	100		
77	220.5	111.9	335.7
158	97.1	49.0	147.0

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#78

n-propylbenzene

Concen: 53.803 ug/l

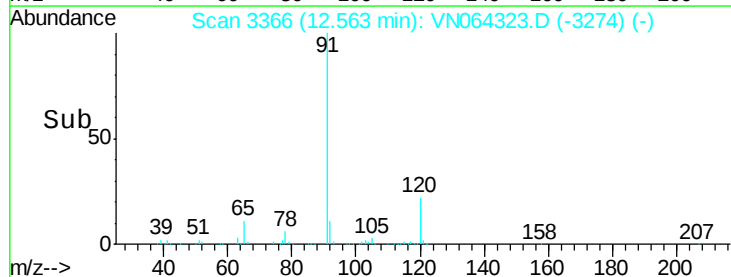
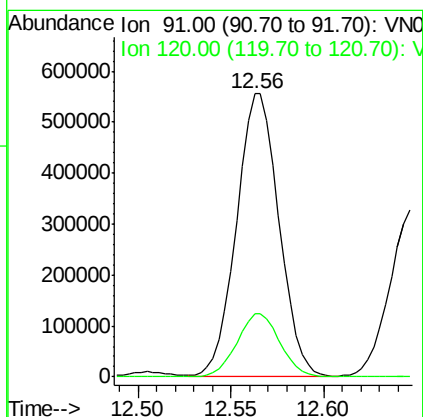
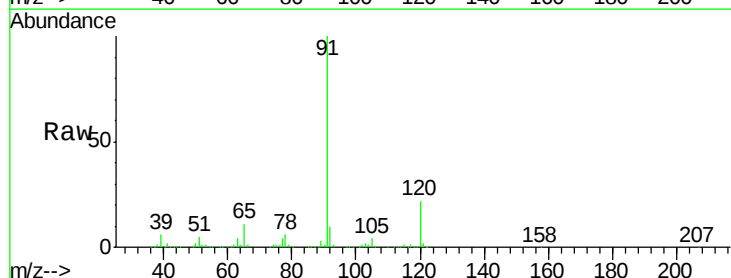
RT: 12.56 min Scan# 3366

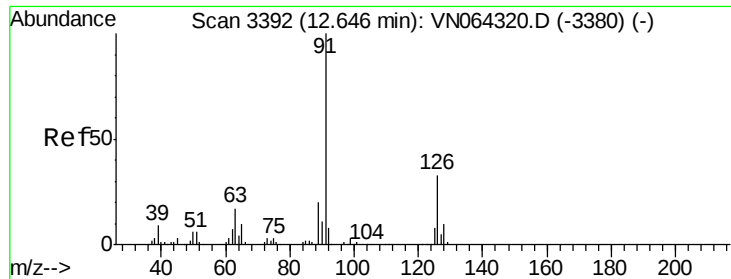
Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.5





#79

2-Chlorotoluene

Concen: 52.043 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

Tot Ion: 91 Resp: 546371

Ion Ratio Lower Upper

91 100

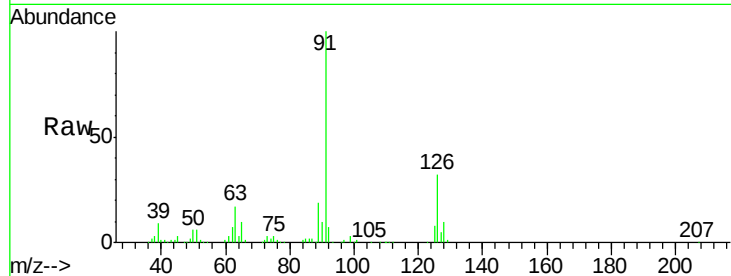
126 32.2 16.2 48.5

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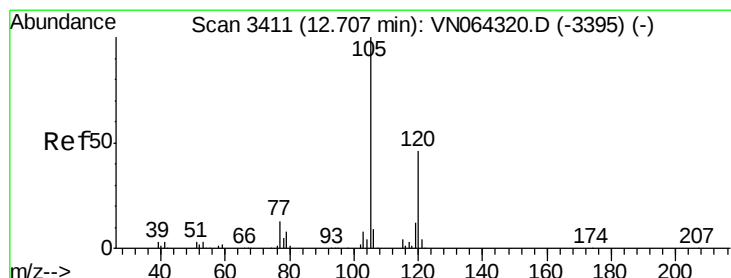
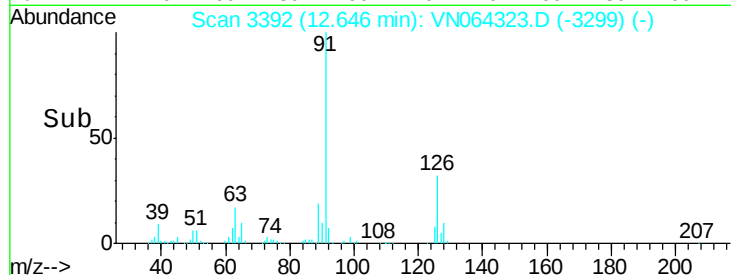
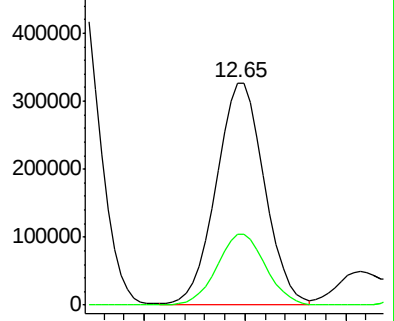
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Abundance Ion 91.00 (90.70 to 91.70): VN064323.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN064323.D (-3392) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.306 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064323.D

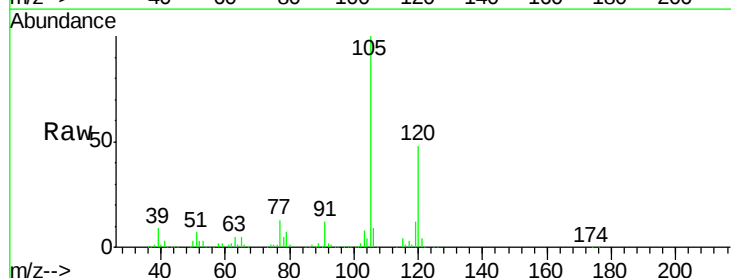
Acq: 27 Oct 2020 13:22

Tgt Ion: 105 Resp: 654306

Ion Ratio Lower Upper

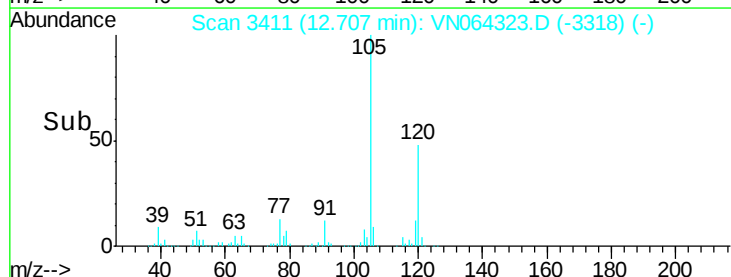
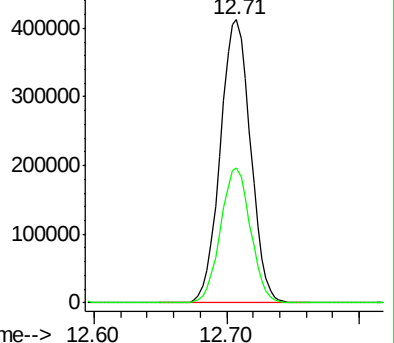
105 100

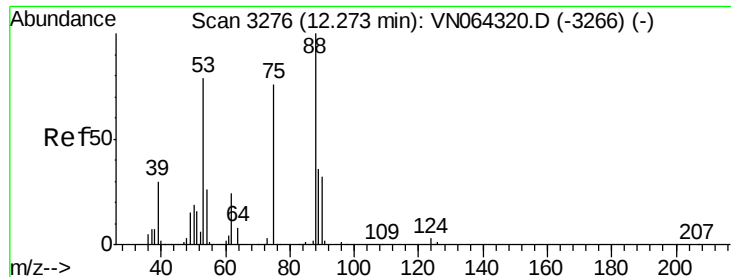
120 47.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064323.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064323.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.329 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

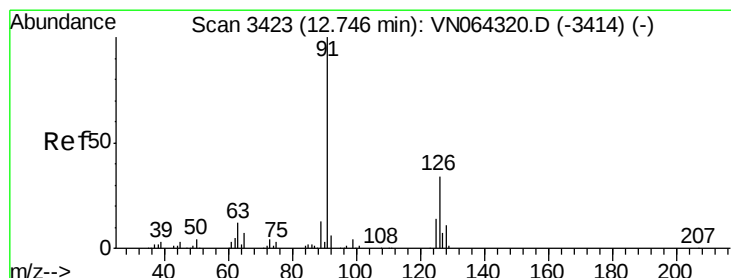
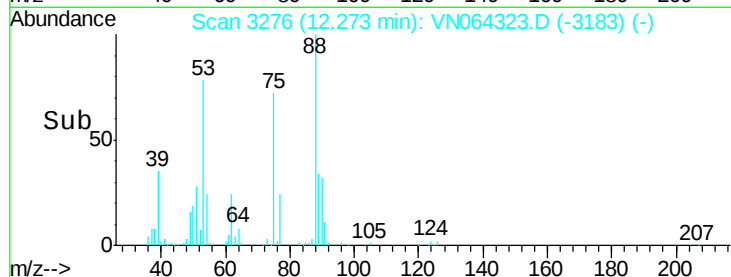
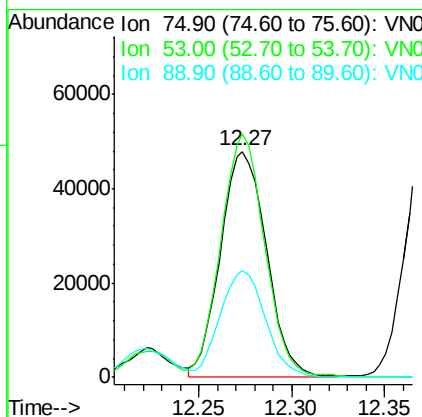
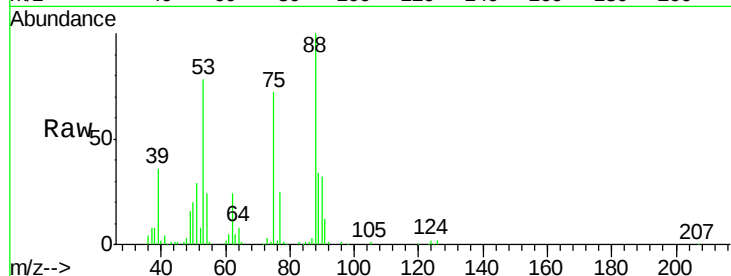
ClientSampleId :

ICVVN102720

Tot Ion:	75	Resp:	82650
Ion	Ratio	Lower	Upper
75	100		
53	103.4	81.8	122.8
89	46.7	39.9	59.9

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#82

4-Chlorotoluene

Concen: 54.273 ug/l

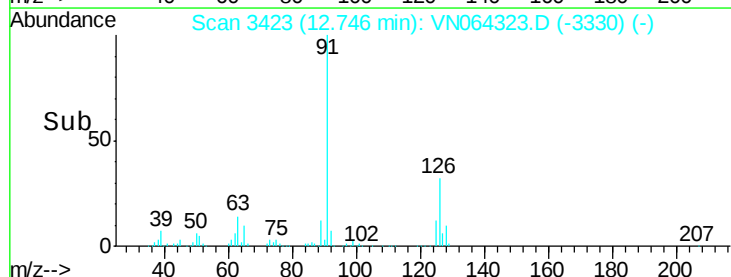
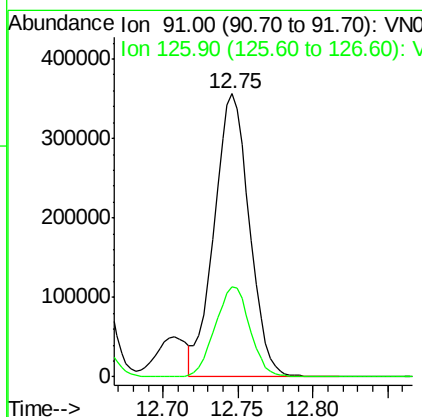
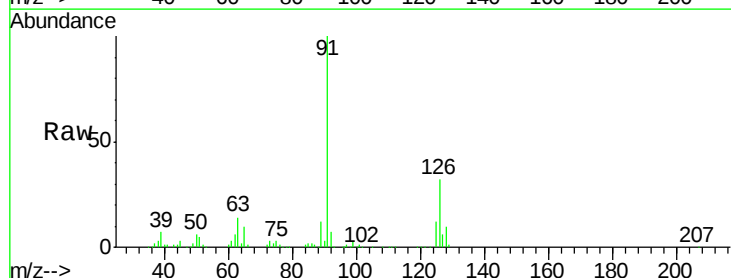
RT: 12.75 min Scan# 3423

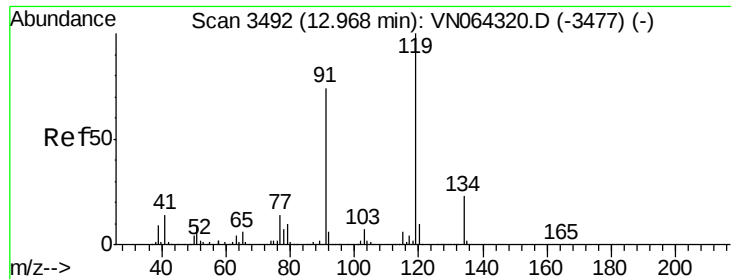
Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:	91	Resp:	580447
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.8	47.3





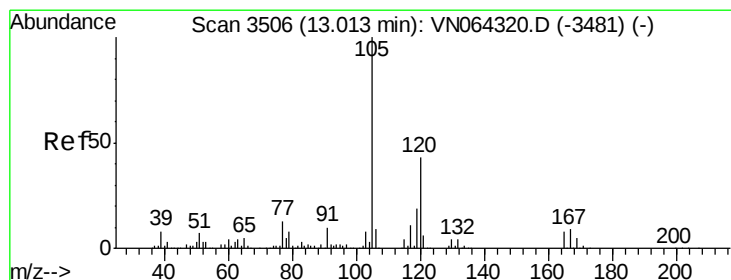
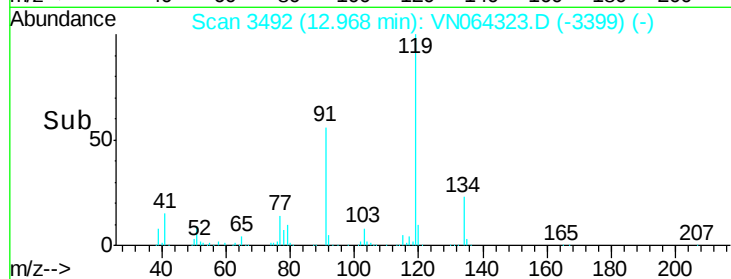
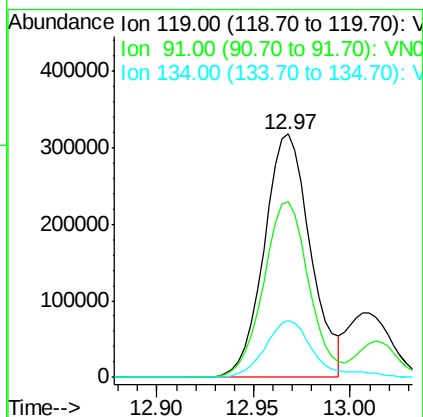
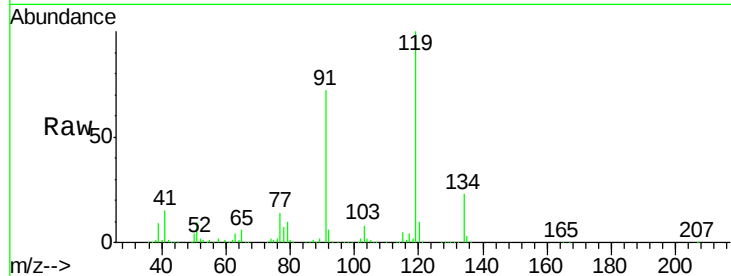
#83
 tert-Butylbenzene
 Concen: 52.732 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.9	36.4	109.1
134	24.6	12.0	36.1

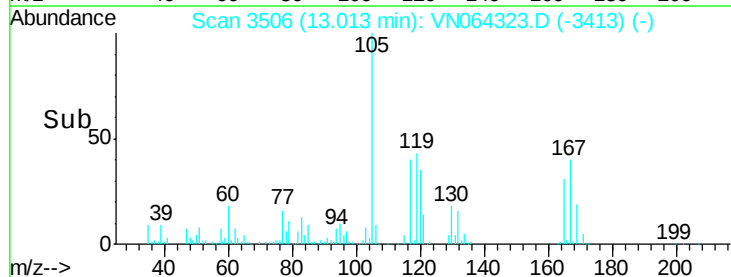
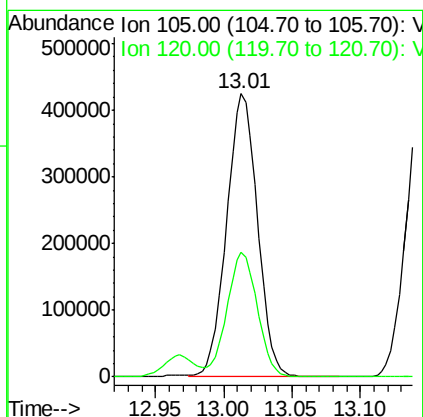
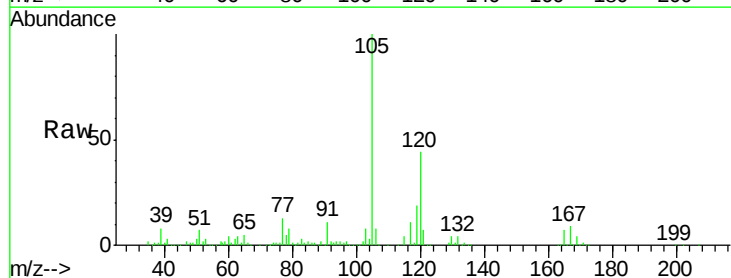
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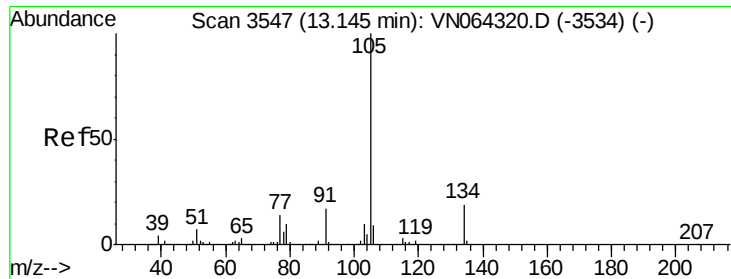
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.298 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.3	64.0





#85

sec-Butylbenzene

Concen: 53.170 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

Tot Ion:105 Resp: 693024

Ion Ratio Lower Upper

105 100

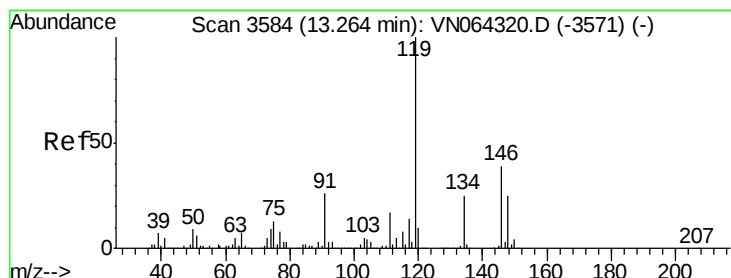
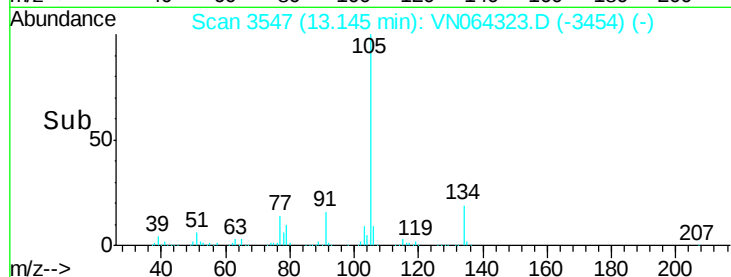
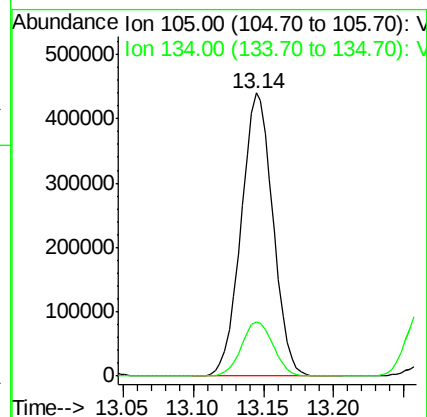
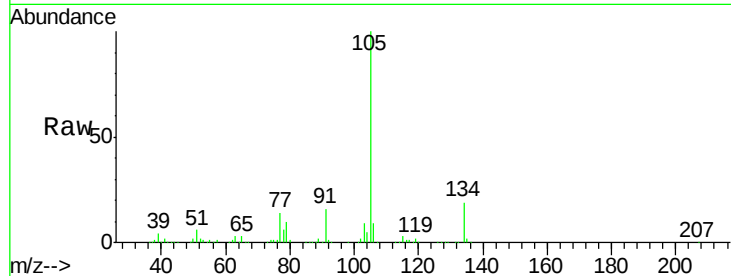
134 19.3 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 54.282 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

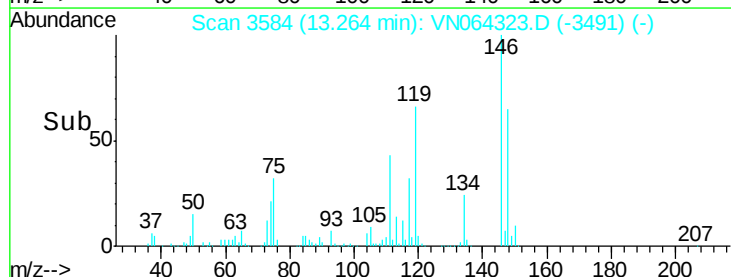
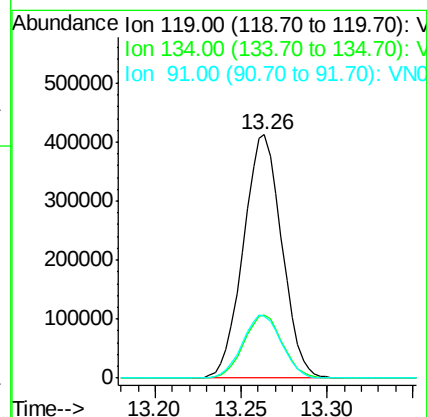
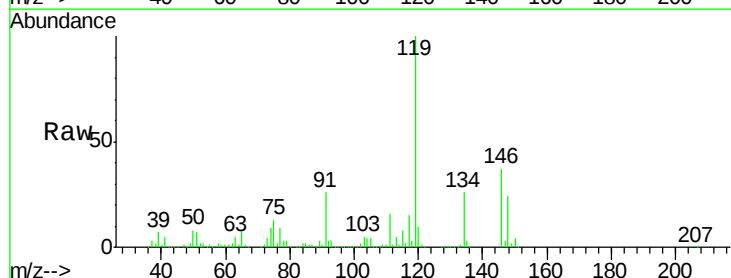
Tgt Ion:119 Resp: 637400

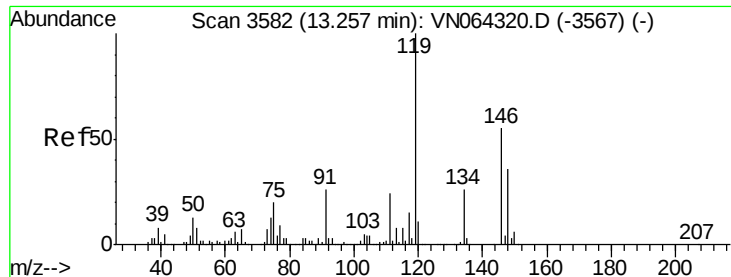
Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.4

91 26.5 13.0 38.9





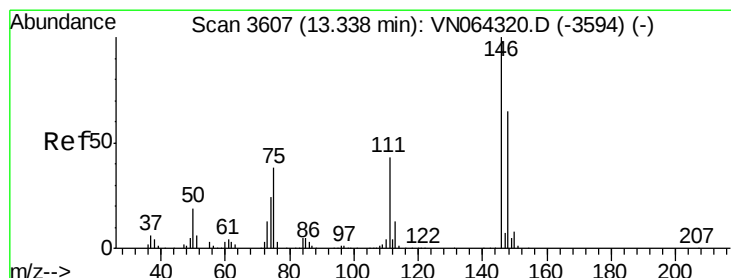
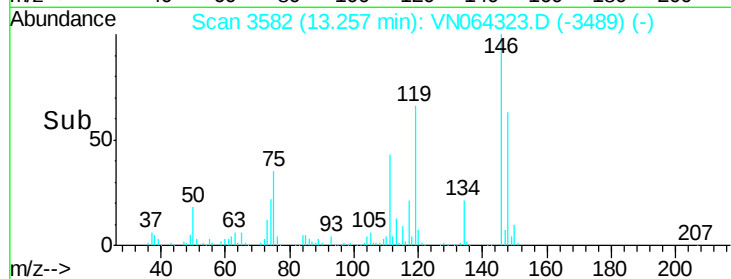
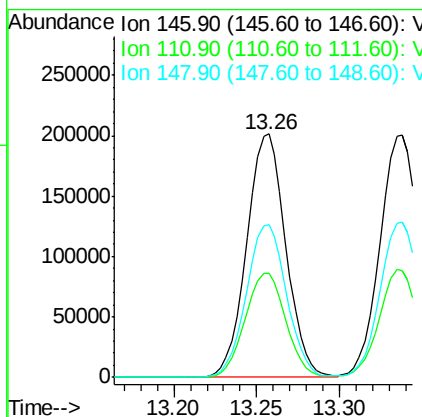
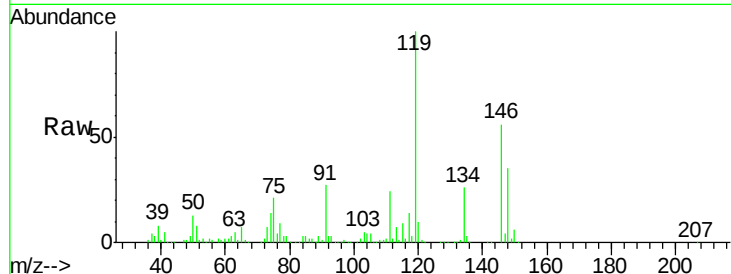
#87
 1,3-Dichlorobenzene
 Concen: 53.131 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.3	21.9	65.5	
148	64.4	32.6	98.0	

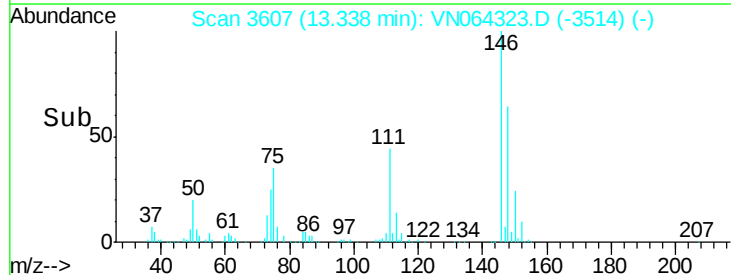
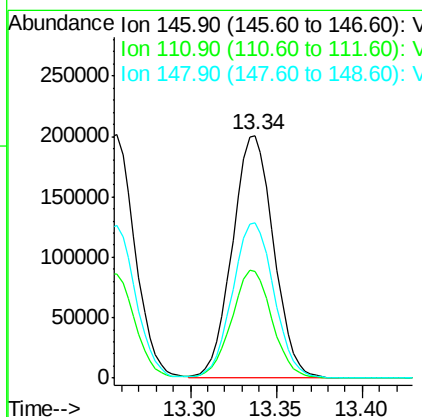
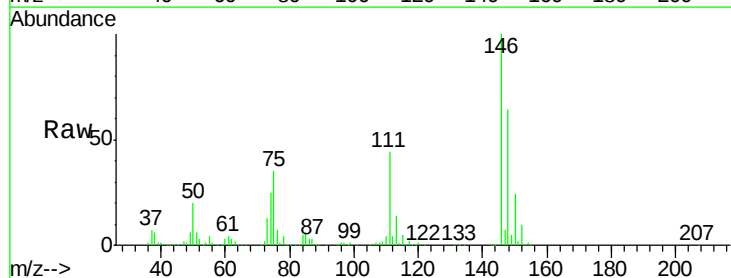
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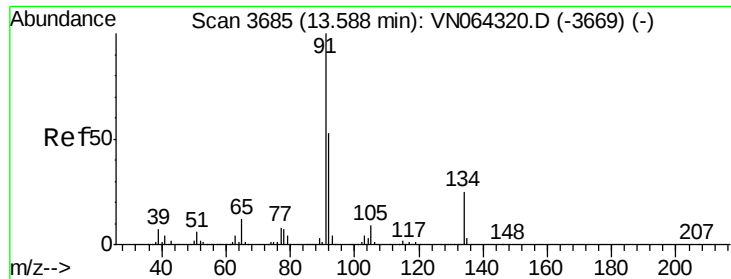
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#88
 1,4-Dichlorobenzene
 Concen: 52.520 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.0	21.8	65.4	
148	64.6	31.8	95.3	





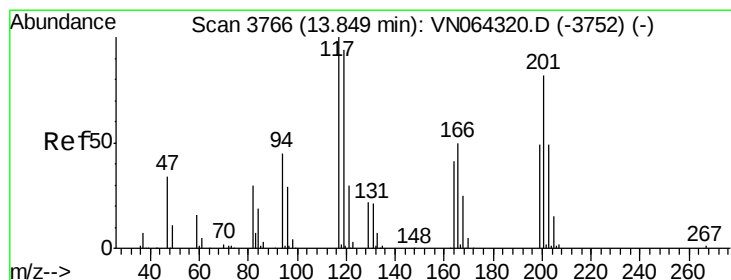
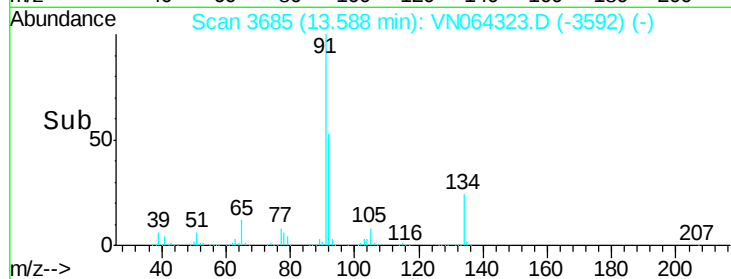
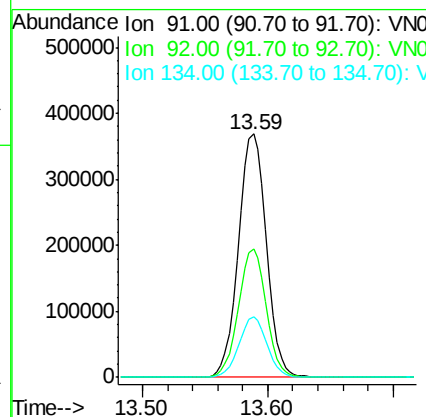
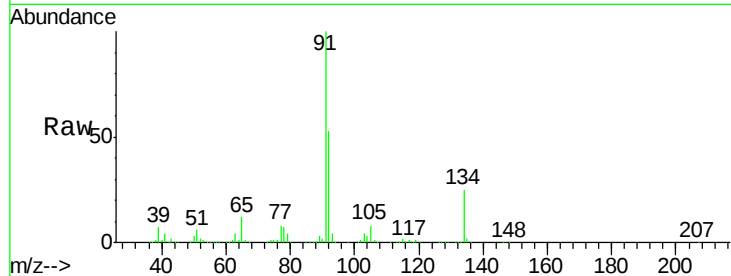
#89
n-Butylbenzene
Concen: 55.178 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	24.9	12.4	37.4

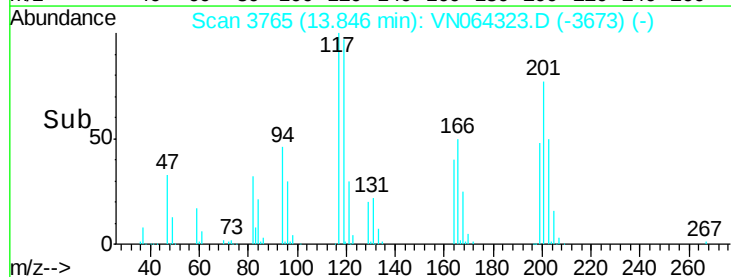
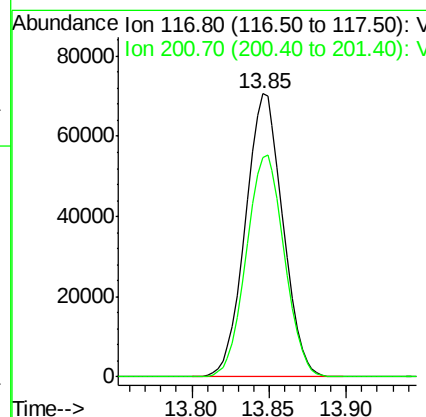
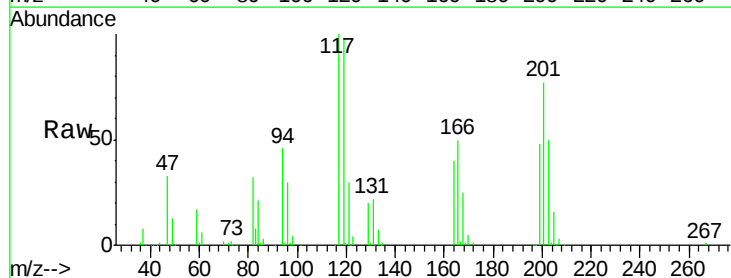
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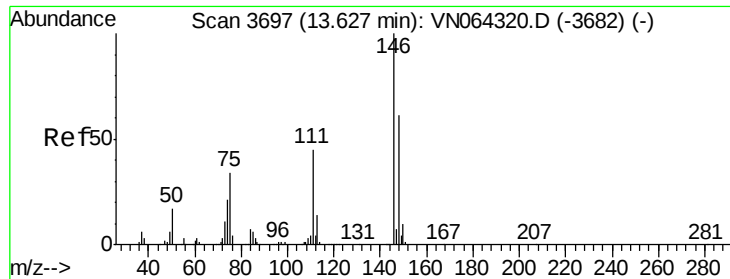
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#90
Hexachloroethane
Concen: 54.052 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	39.8	119.3





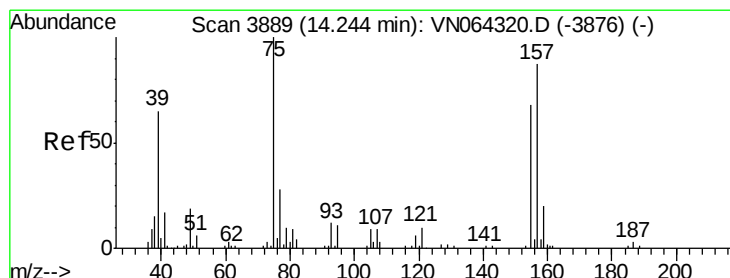
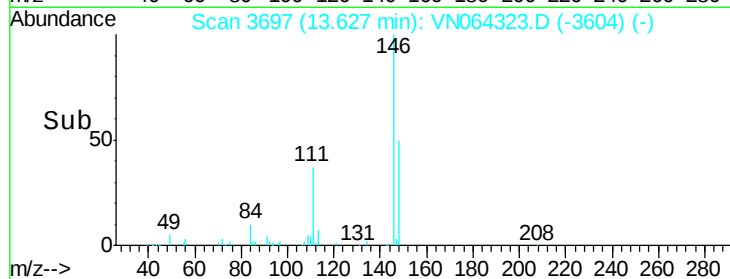
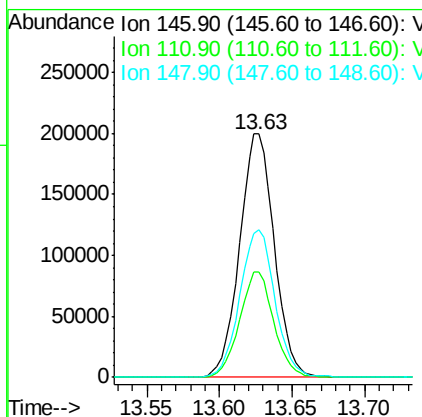
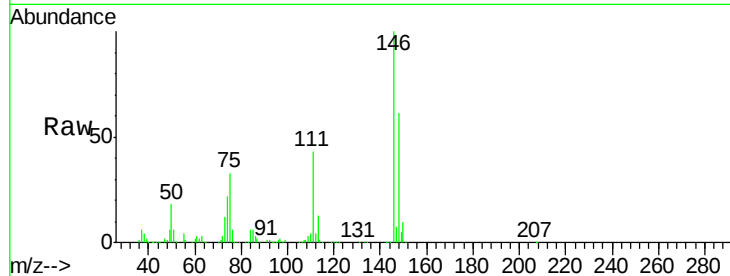
#91
 1,2-Dichlorobenzene
 Concen: 53.765 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	23.0	69.0
148	61.4	32.1	96.3

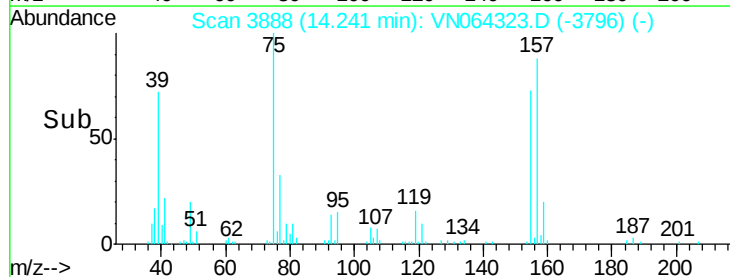
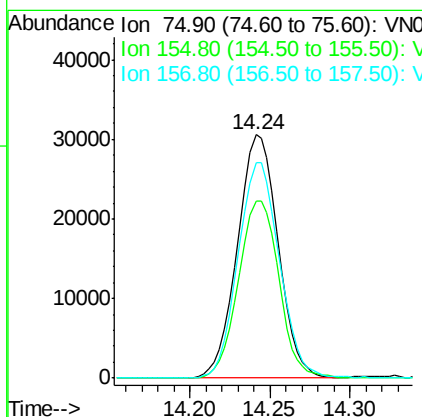
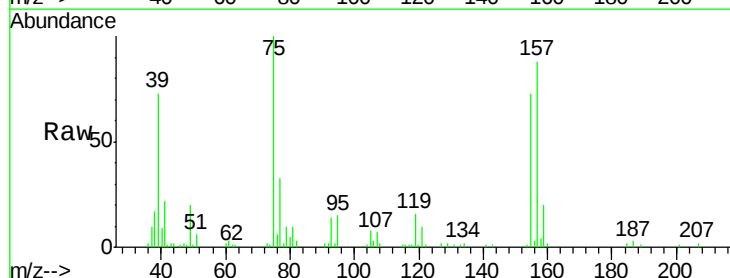
Manual Integrations
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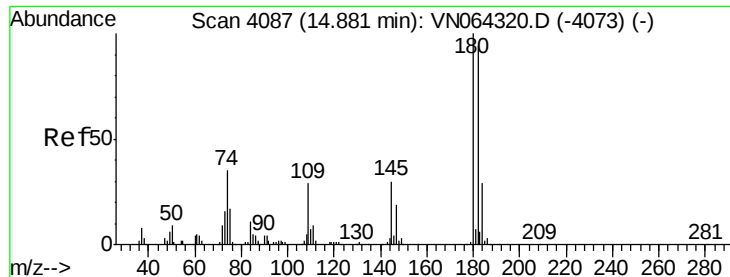
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 10/28/2020 12:35:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.735 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.3	35.1	105.5
157	89.9	43.2	129.6





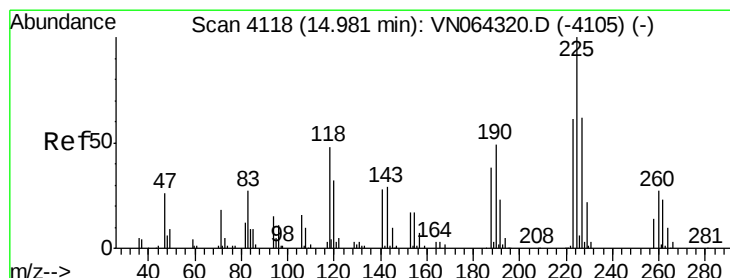
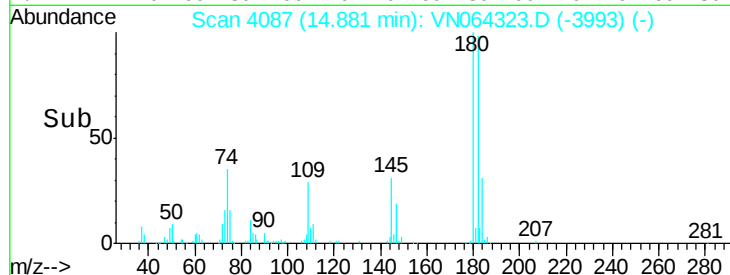
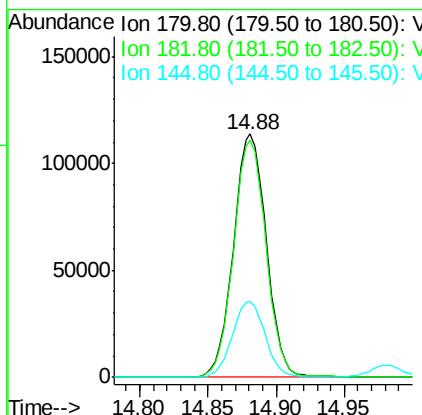
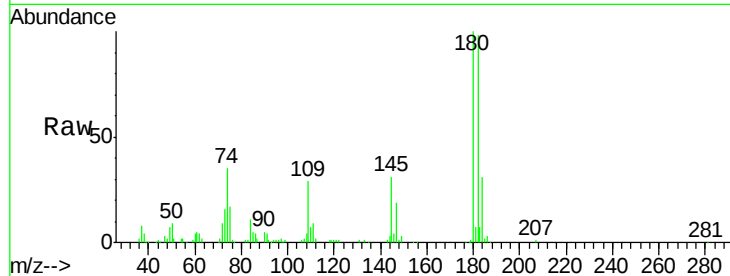
#93
 1,2,4-Trichlorobenzene
 Concen: 53.410 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190287		
182	96.6	46.6	139.7	
145	31.1	15.3	45.9	

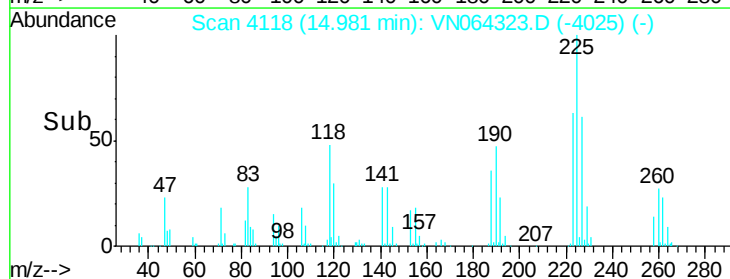
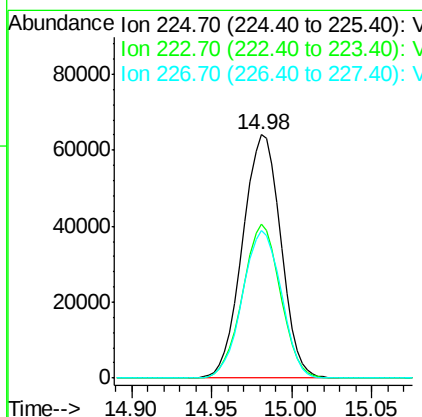
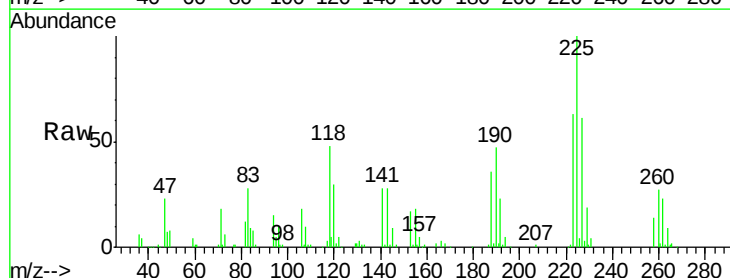
Manual Integrations
 APPROVED

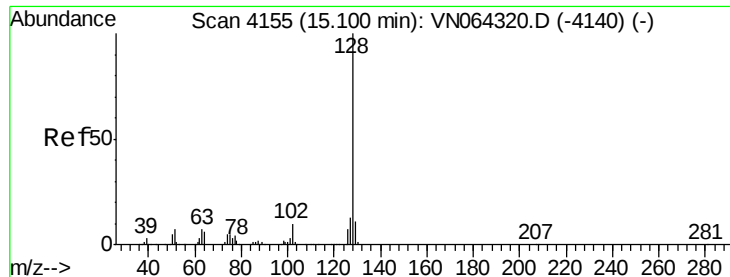
MMDadoda
 10/28/2020 12:35:41 PM



#94
 Hexachlorobutadiene
 Concen: 55.069 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104479		
223	62.5	31.3	93.8	
227	61.5	32.3	96.9	





#95

Naphthalene

Concen: 48.917 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

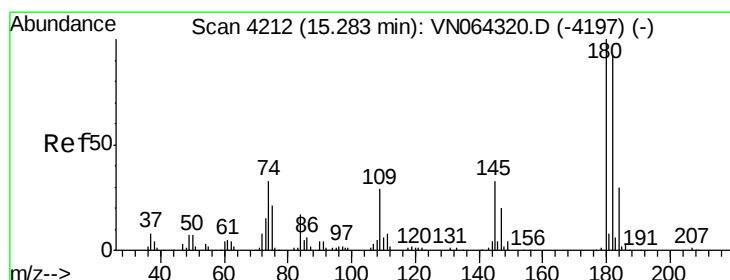
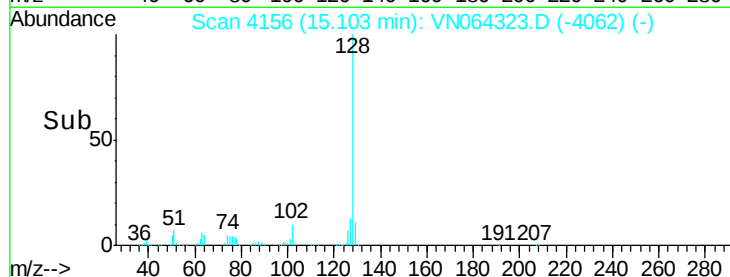
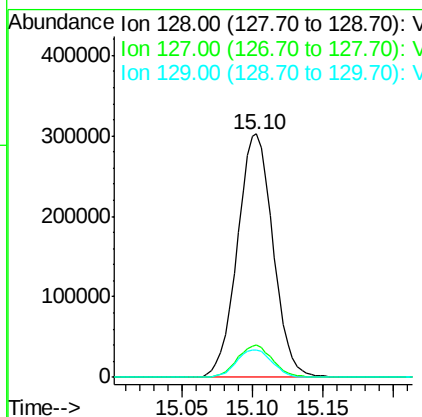
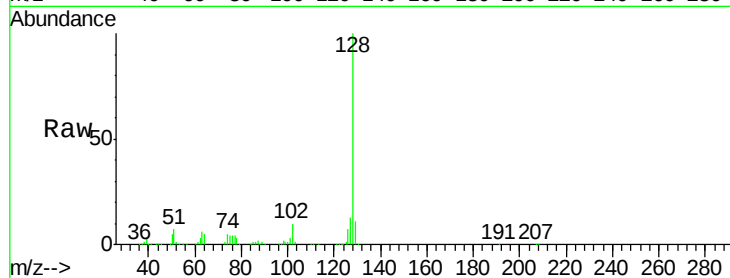
ClientSampleId :

ICVVN102720

Tot Ion:	128	Resp:	535003
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	11.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/28/2020 12:35:41 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.534 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:	180	Resp:	176743
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.1	138.3
145	33.9	16.2	48.5

