

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110220\
 Data File : VN064422.D
 Acq On : 2 Nov 2020 18:24
 Operator : JC/MD
 Sample : VN1102WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1102WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/3/2020 2:20:57 PM

Quant Time: Nov 03 03:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 03 02:03:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	54704	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	300527	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	268143	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	136219	30.50	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.67%
60) 4-Bromofluorobenzene	12.38	95	136139	30.04	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.13%
63) Toluene-d8	10.06	98	371335	31.06	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	63418	18.025	ug/l 97
3) Chloromethane	2.04	50	68418	18.824	ug/l 94
4) Vinyl Chloride	2.16	62	69792	18.611	ug/l 97
5) Bromomethane	2.53	94	45288	18.504	ug/l 92
6) Chloroethane	2.68	64	40893	18.687	ug/l 96
7) Trichlorofluoromethane	2.99	101	117168	18.861	ug/l 94
8) Diethyl Ether	3.38	74	33644	17.652	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56216	18.182	ug/l 90
10) 1,1-Dichloroethene	3.70	96	53335	18.023	ug/l 89
11) Methyl Iodide	3.91	142	67193	16.916	ug/l 97
12) Methyl Acetate	4.28	43	57019	18.412	ug/l 93
13) Acrolein	3.57	56	29455	98.537	ug/l 98
14) Acrylonitrile	4.93	53	125007	89.718	ug/l 95
15) Acetone	3.78	58	36259	75.104	ug/l 91
16) Carbon Disulfide	4.01	76	150735	17.947	ug/l 98
17) Allyl chloride	4.28	41	90816	17.496	ug/l 97
18) Methylene Chloride	4.51	84	61881	18.071	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	58435m	17.940	ug/l 98
20) Diisopropyl ether	5.90	45	202548	18.235	ug/l 98
21) 1,1-Dichloroethane	5.79	63	114569	18.288	ug/l 95
22) cis-1,2-Dichloroethene	6.78	96	66859	17.322	ug/l 94
23) tert-Butyl Alcohol	4.73	59	46619	88.106	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	190126	17.953	ug/l # 61
25) Chloroform	7.33	83	122353	18.233	ug/l 97
26) Cyclohexane	7.61	56	90442	18.228	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	89998	18.614	ug/l 85
30) 2-Butanone	6.78	43	181554	82.710	ug/l 98
31) 2,2-Dichloropropane	6.78	77	109906	18.517	ug/l # 81
32) 1,1,1-Trichloroethane	7.53	97	116115	18.320	ug/l 99
33) Carbon Tetrachloride	7.73	117	104731	18.342	ug/l 96
34) Benzene	8.00	78	246342	17.982	ug/l 97
35) Methacrylonitrile	7.12	41	44847	20.666	ug/l 91
36) 1,2-Dichloroethane	8.09	62	107177	18.918	ug/l 99
37) Trichloroethene	8.80	130	67990	17.678	ug/l 100
38) Methylcyclohexane	9.05	83	77543	17.682	ug/l 96
39) 1,2-Dichloropropane	9.08	63	64187	18.262	ug/l 99
40) Dibromomethane	9.17	93	47118	18.497	ug/l 95

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Quant Time: Nov 03 03:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 03 02:03:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.37	83	96432	17.922	ug/l	97
42) Vinyl Acetate	5.84	43	849659	91.434	ug/l	100
43) Ethyl Acetate	6.88	43	80328	18.898	ug/l #	89
44) Isopropyl Acetate	8.12	43	142210m	18.808	ug/l	
45) 1,4-Dioxane	9.16	88	19669	370.706	ug/l	98
46) Methyl methacrylate	9.16	41	71049	19.033	ug/l	94
47) n-amyl Acetate	12.04	43	114165	17.752	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	105269	17.728	ug/l	99
49) cis-1,3-Dichloropropene	9.80	75	109823	17.874	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	63090	18.446	ug/l	90
51) Ethyl methacrylate	10.40	69	87212	17.750	ug/l	95
52) 1,3-Dichloropropane	10.68	76	107002	18.552	ug/l	99
53) Dibromochloromethane	10.87	129	73752	17.555	ug/l	96
54) 1,2-Dibromoethane	10.97	107	65637	17.929	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	229741	86.999	ug/l	100
56) Bromoform	12.10	173	50767	17.132	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	403033	94.960	ug/l	99
59) 2-Hexanone	10.72	43	283446	89.728	ug/l	98
61) Tetrachloroethene	10.60	164	69422	19.099	ug/l	98
62) Toluene	10.12	91	279391	18.602	ug/l	98
64) Chlorobenzene	11.41	112	174042	18.510	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	67932	18.596	ug/l	99
66) Ethyl Benzene	11.48	91	304596	18.379	ug/l	98
67) m/p-Xylenes	11.59	106	230504	36.977	ug/l	97
68) o-Xylene	11.92	106	111376	18.540	ug/l	97
69) Styrene	11.94	104	180347	18.005	ug/l	98
70) Isopropylbenzene	12.22	105	287867	18.523	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	81081	18.761	ug/l	96
72) 1,2,3-Trichloropropane	12.52	75	80241m	17.783	ug/l	
73) Bromobenzene	12.50	156	73911	18.329	ug/l	97
74) n-propylbenzene	12.56	91	307216	18.028	ug/l	99
75) 2-Chlorotoluene	12.65	91	196491	18.202	ug/l	95
76) 1,3,5-Trimethylbenzene	12.70	105	236517	18.475	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	27491	17.282	ug/l	98
78) 4-Chlorotoluene	12.75	91	202548	18.161	ug/l	96
79) tert-butylbenzene	12.96	119	189348	18.492	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	232798	17.947	ug/l	99
81) sec-Butylbenzene	13.14	105	231614	17.933	ug/l	98
82) p-Isopropyltoluene	13.26	119	212189	17.879	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	120490	17.588	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	119245	17.281	ug/l	96
85) n-Butylbenzene	13.59	91	163095	17.217	ug/l	98
86) Hexachloroethane	13.85	117	40440	18.171	ug/l	94
87) 1,2-Dichlorobenzene	13.62	146	123993	18.747	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	18039	19.377	ug/l	93
89) 1,2,4-Trichlorobenzene	14.88	180	52731	16.304	ug/l	95
90) Hexachlorobutadiene	14.98	225	30775	17.878	ug/l	98
91) Naphthalene	15.10	128	157402	16.382	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	51612	16.138	ug/l	99

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ClientSampleId :
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Manual Integrations
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QLast Update : Tue Nov 03 02:03:38 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

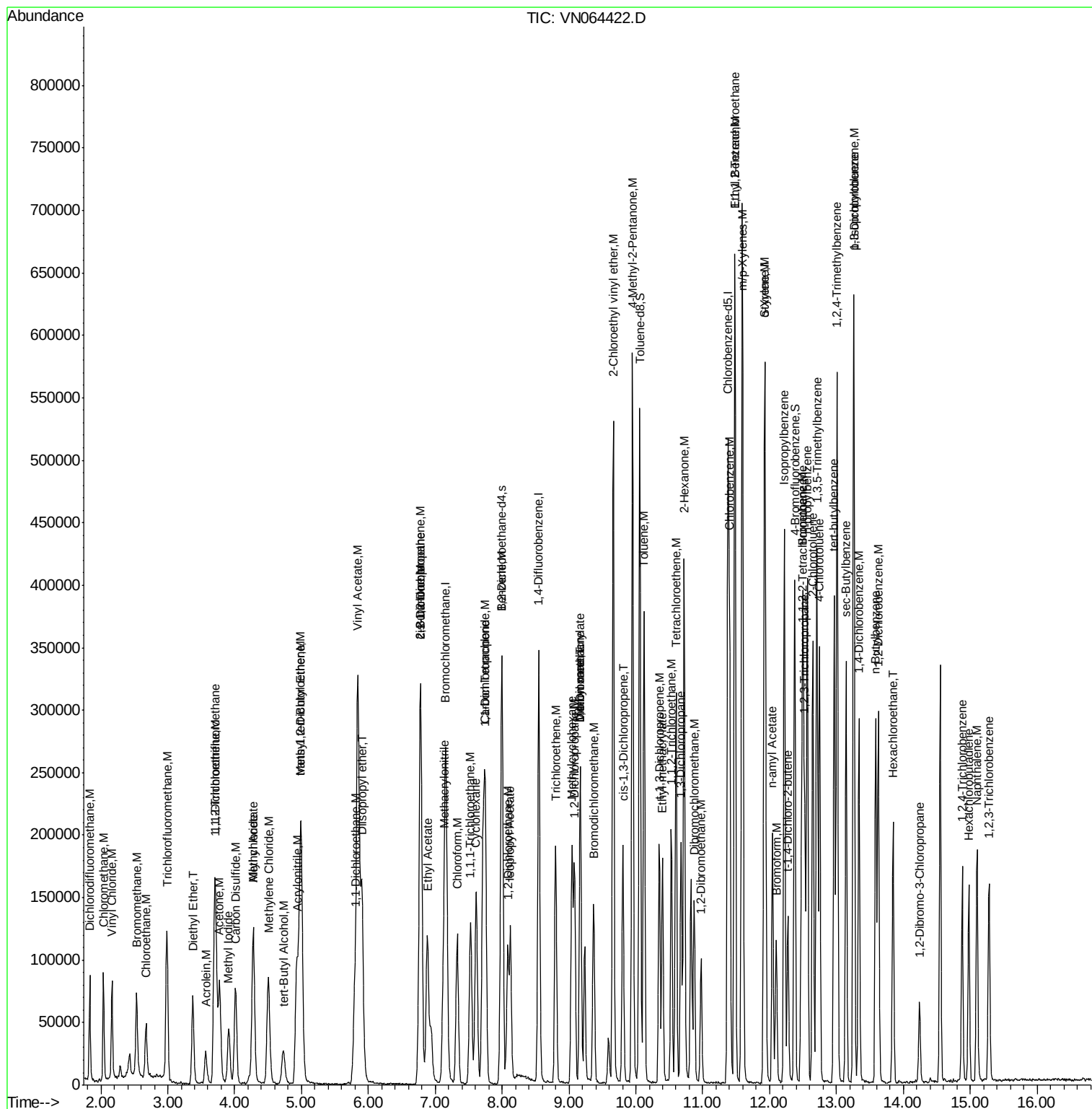
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110220\
Data File : VN064422.D
Acq On : 2 Nov 2020 18:24
Operator : JC/MD
Sample : VN1102WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

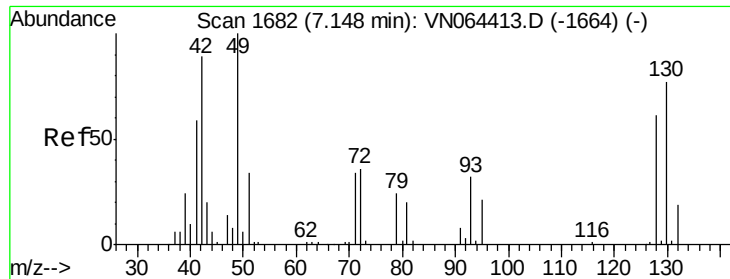
Instrument :
MSVOA_N
Client Sample Id :
VN1102WBSD01

Manual Integrations
APPROVED

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11/3/2020 2:20:57 PM

Quant Time: Nov 03 03:23:10 2020
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

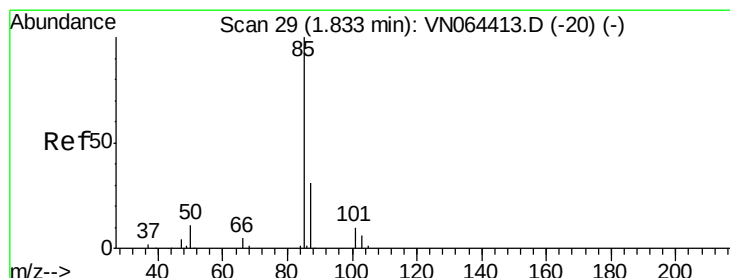
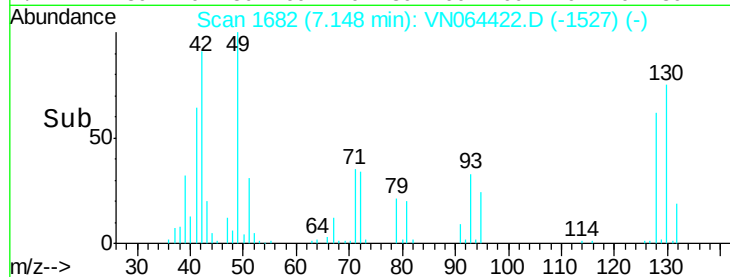
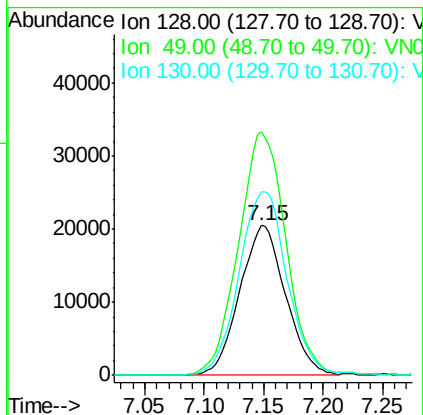
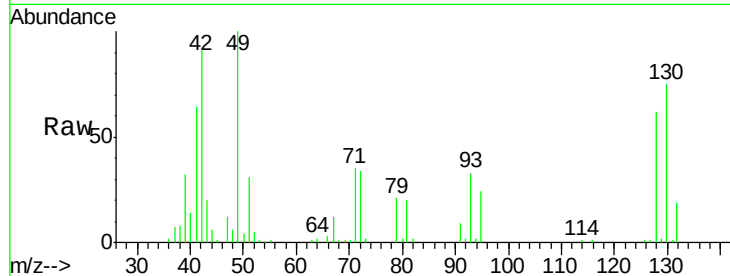
ClientSampleId :

VN1102WBSD01

Tot Ion:	128	Resp:	54704
Ion	Ratio	Lower	Upper
128	100		
49	167.1	0.0	423.5
130	128.7	0.0	325.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 18.025 ug/l

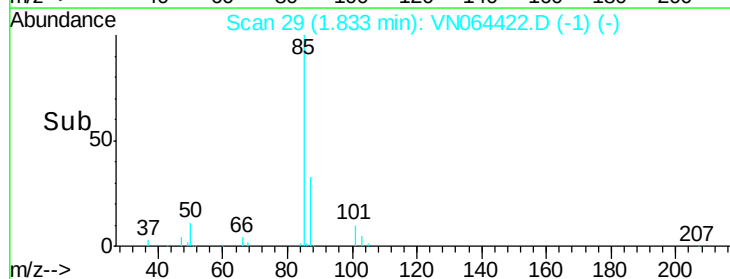
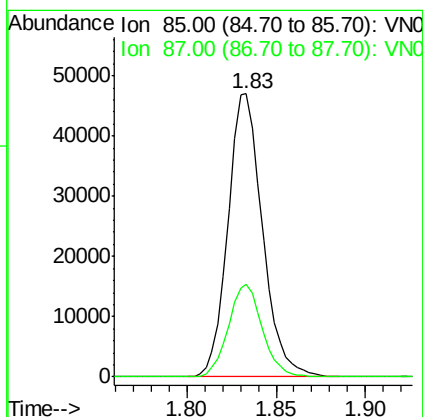
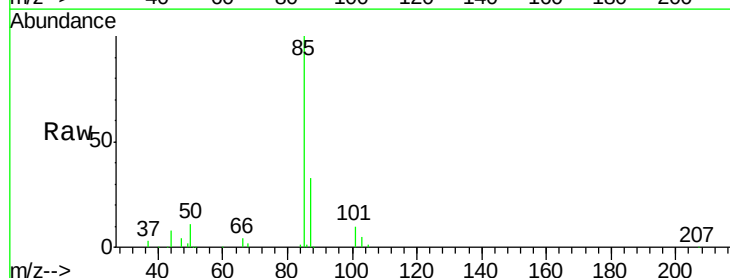
RT: 1.83 min Scan# 29

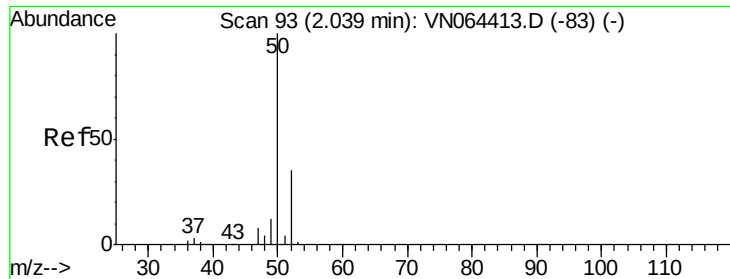
Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	85	Resp:	63418
Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.7	47.1





#3

Chloromethane

Concen: 18.824 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tot Ion: 50 Resp: 68418

Ion Ratio Lower Upper

50 100

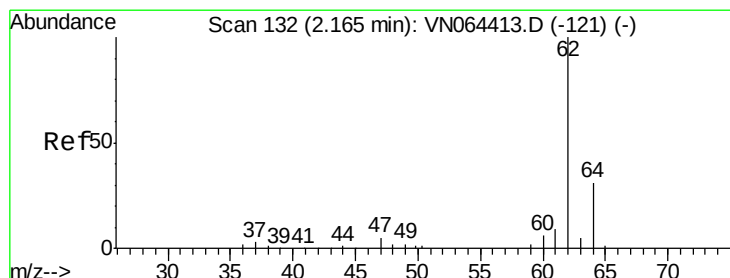
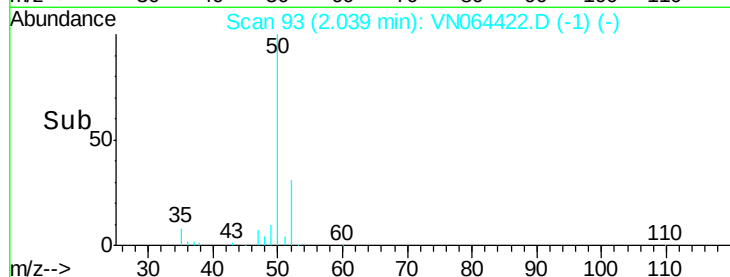
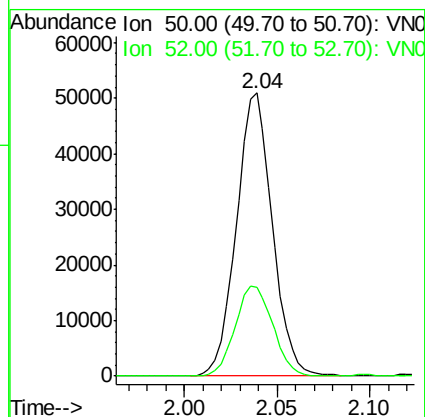
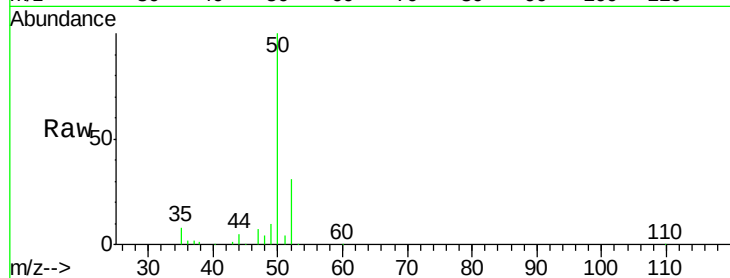
52 31.2 27.7 41.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.611 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064422.D

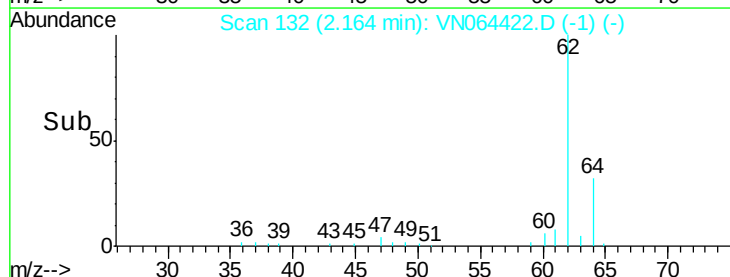
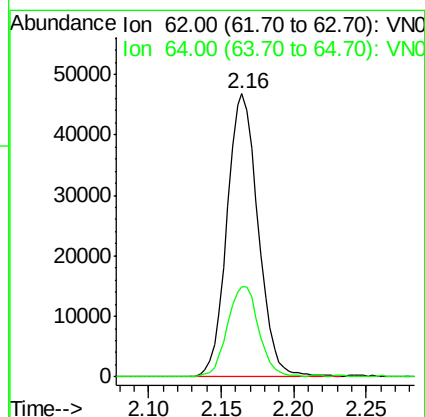
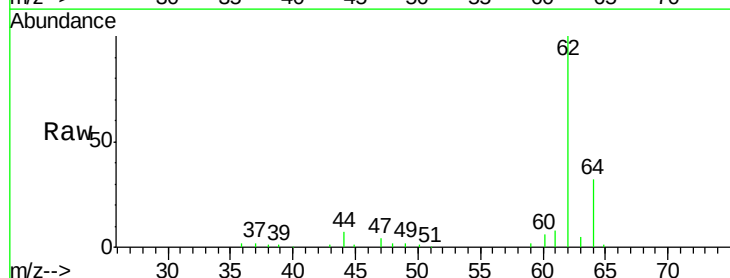
Acq: 2 Nov 2020 18:24

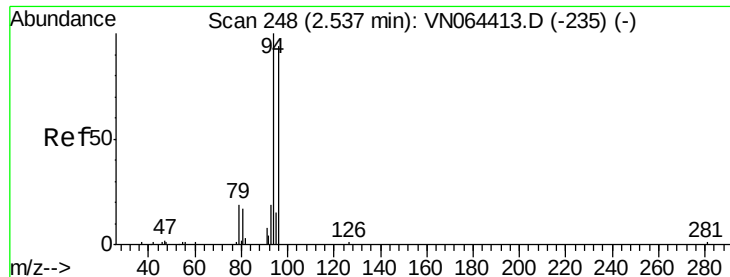
Tgt Ion: 62 Resp: 69792

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 18.504 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tot Ion: 94 Resp: 45288

Ion Ratio Lower Upper

94 100

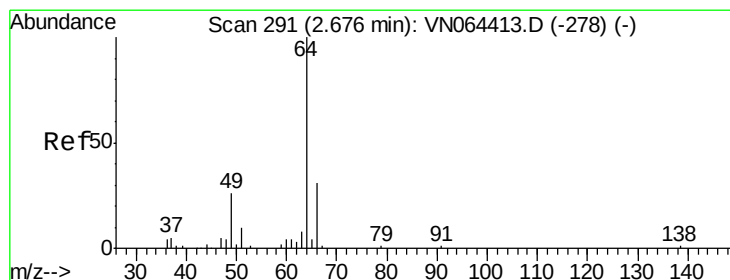
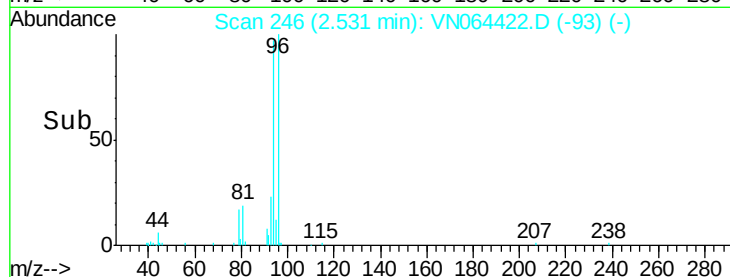
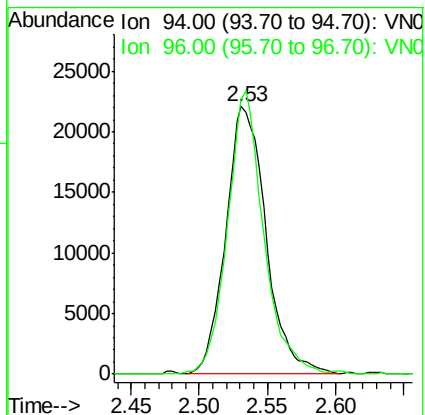
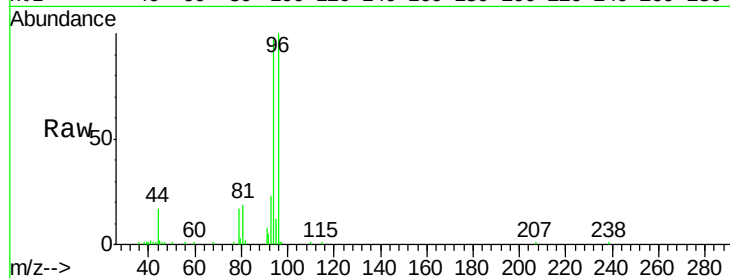
96 101.6 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 18.687 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064422.D

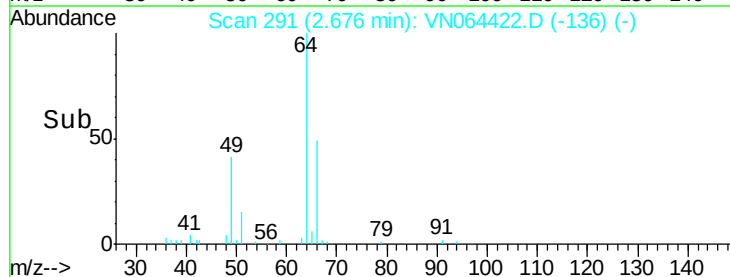
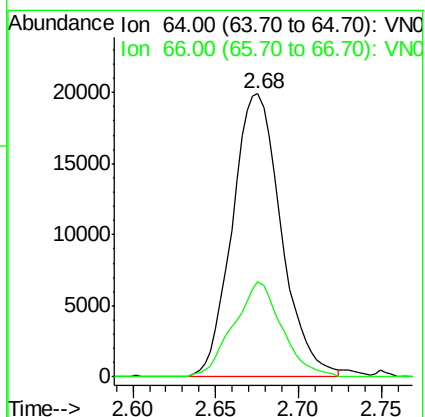
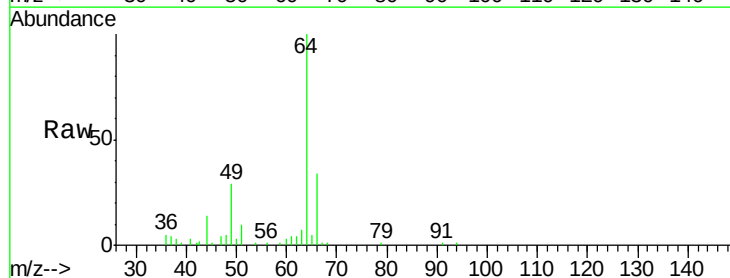
Acq: 2 Nov 2020 18:24

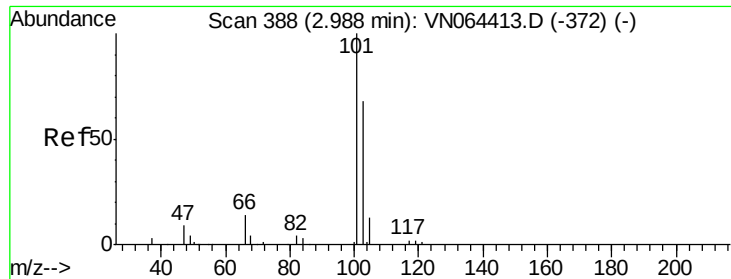
Tgt Ion: 64 Resp: 40893

Ion Ratio Lower Upper

64 100

66 33.6 25.0 37.4





#7

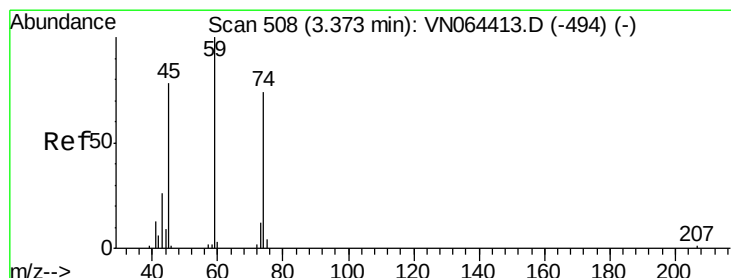
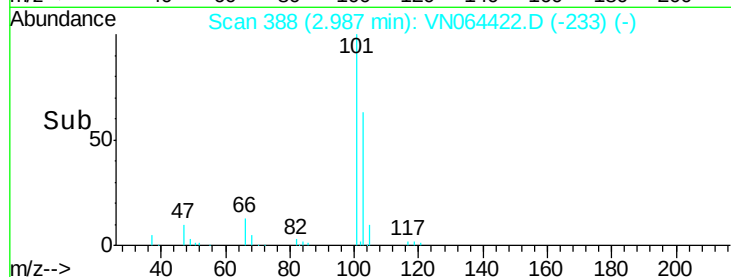
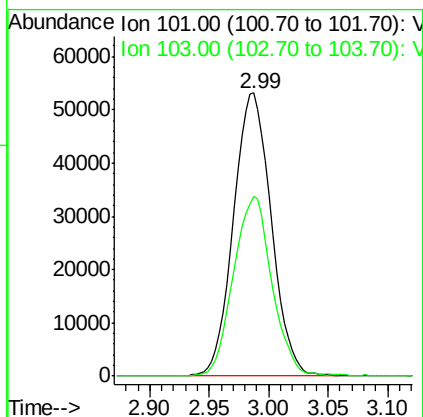
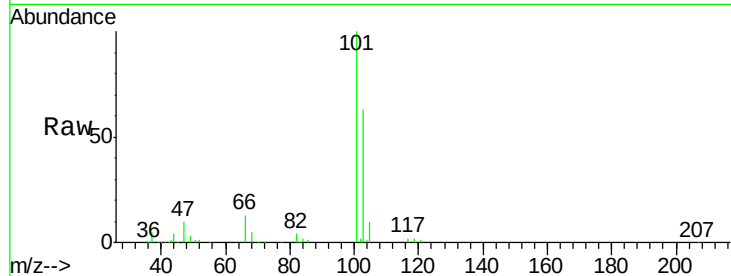
Trichlorofluoromethane
 Concen: 18.861 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
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 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	54.6	81.8

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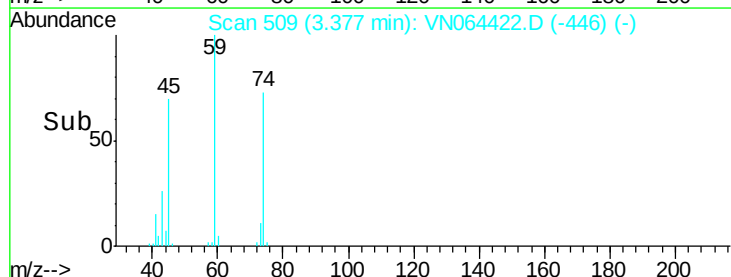
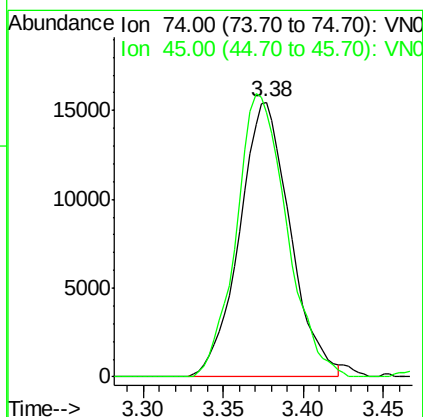
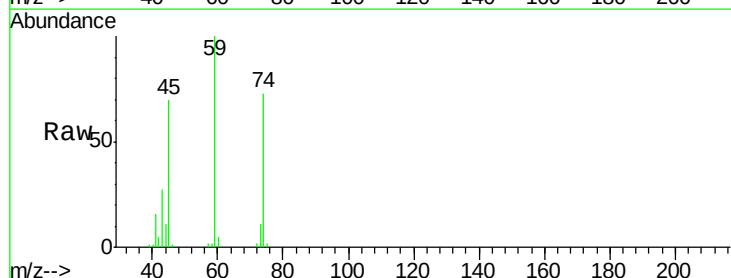
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 11/3/2020 2:20:57 PM

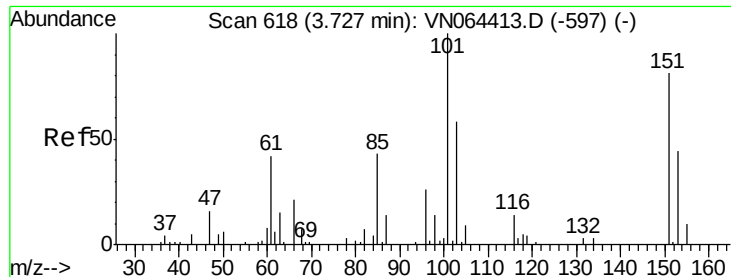


#8

Diethyl Ether
 Concen: 17.652 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	21.2	190.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.182 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.01 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

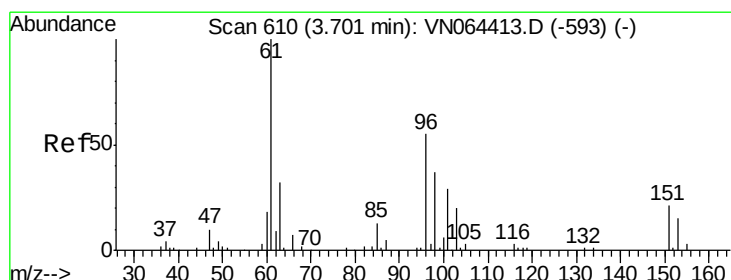
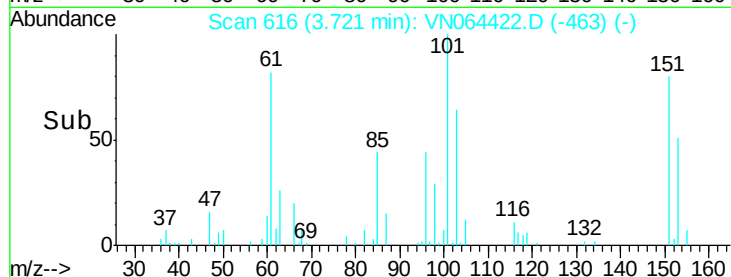
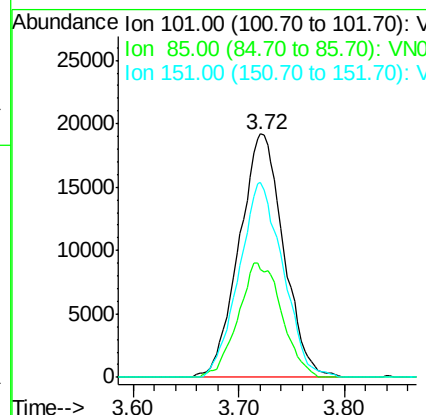
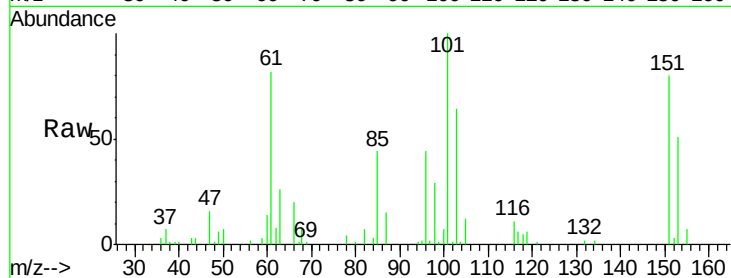
ClientSampleId :

VN1102WBSD01

Tot Ion:	101	Resp:	56216
Ion Ratio	Lower	Upper	
101	100		
85	27.6	0.0	89.6
151	79.2	0.0	158.8

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#10

1,1-Dichloroethene

Concen: 18.023 ug/l

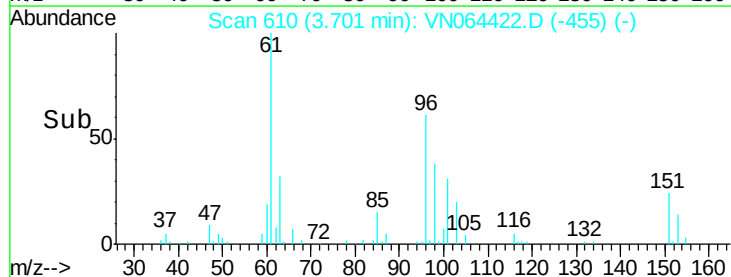
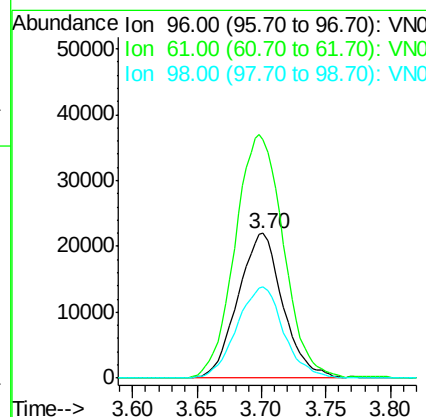
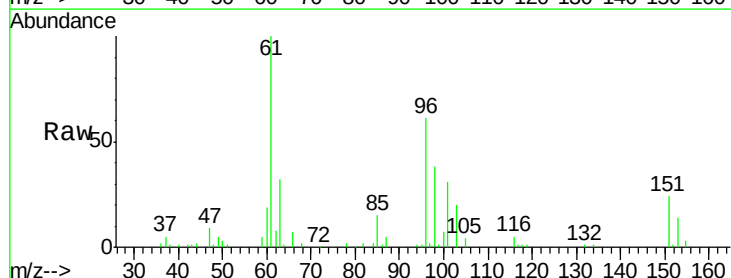
RT: 3.70 min Scan# 610

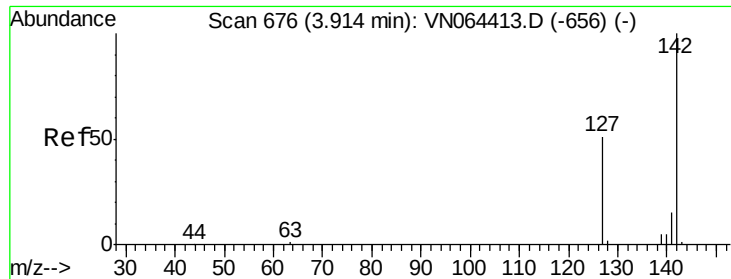
Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	96	Resp:	53335
Ion Ratio	Lower	Upper	
96	100		
61	163.9	145.6	218.4
98	63.2	53.9	80.9





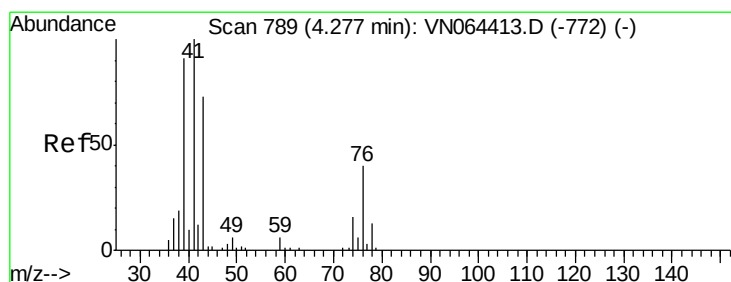
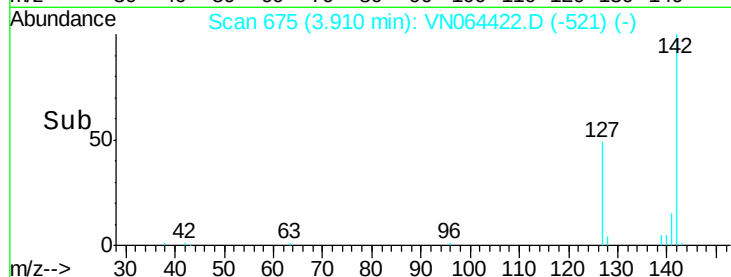
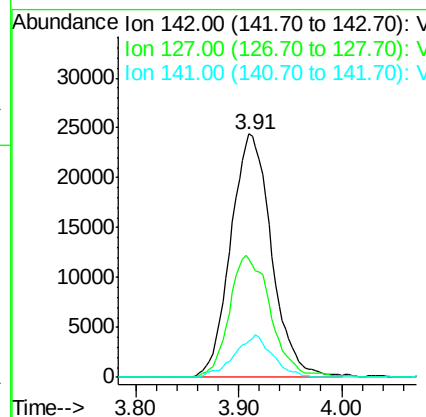
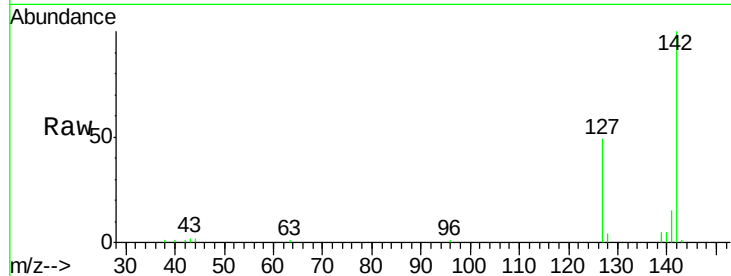
#11
Methyl Iodide
Concen: 16.916 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.6	25.4	76.2
141	14.9	7.8	23.3

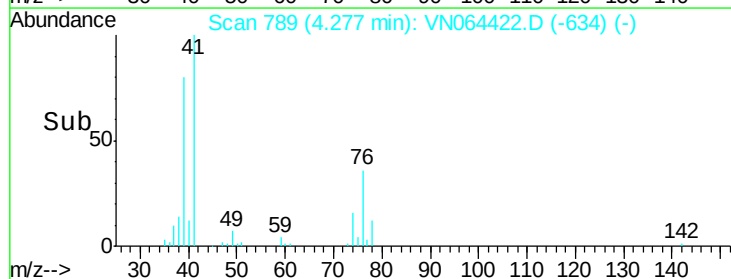
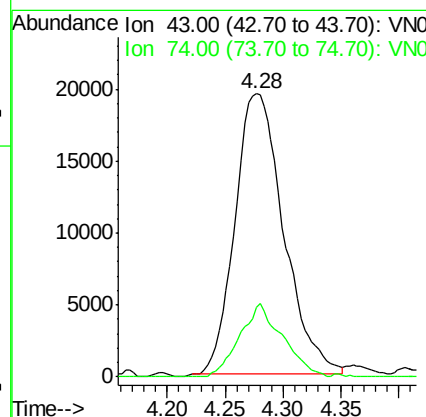
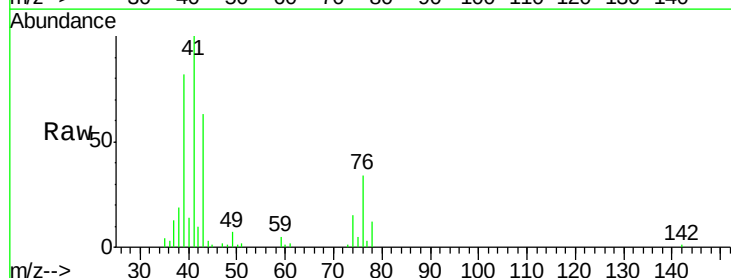
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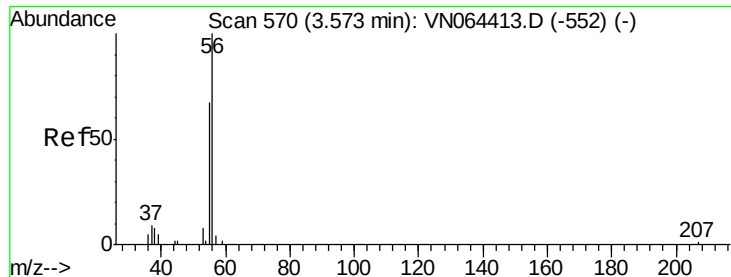
MMDadoda
11/3/2020 2:20:57 PM



#12
Methyl Acetate
Concen: 18.412 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	17.1	25.7





#13

Acrolein

Concen: 98.537 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tot Ion: 56 Resp: 29455

Ion Ratio Lower Upper

56 100

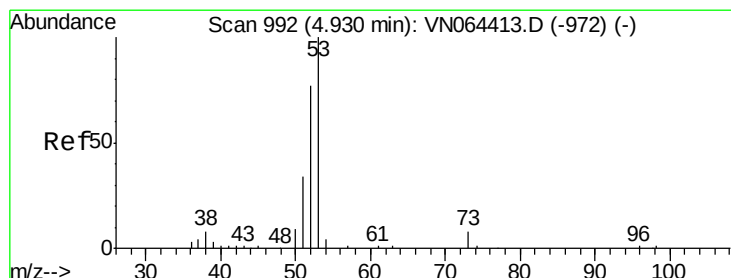
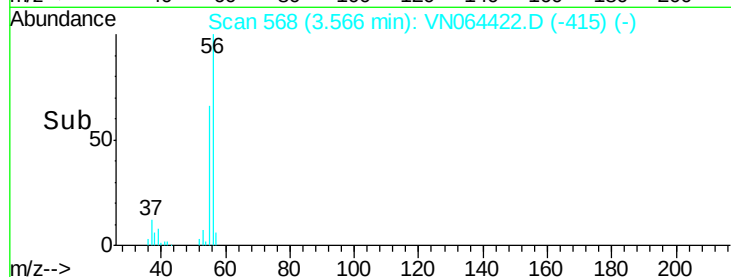
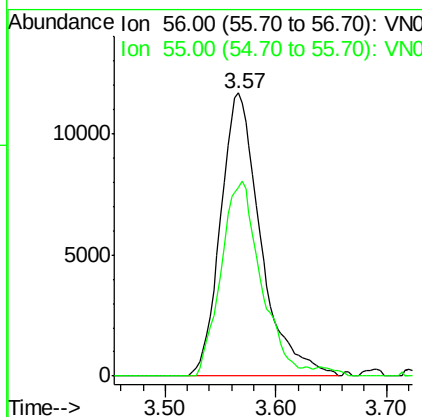
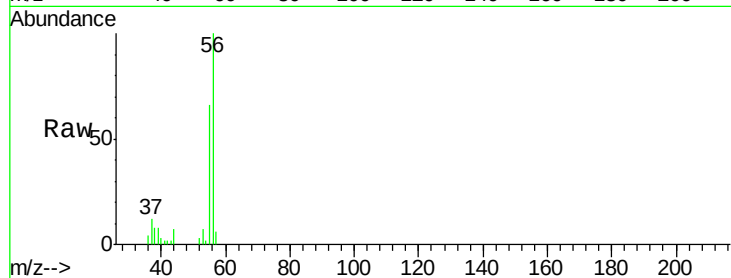
55 68.2 53.1 79.7

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#14

Acrylonitrile

Concen: 89.718 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

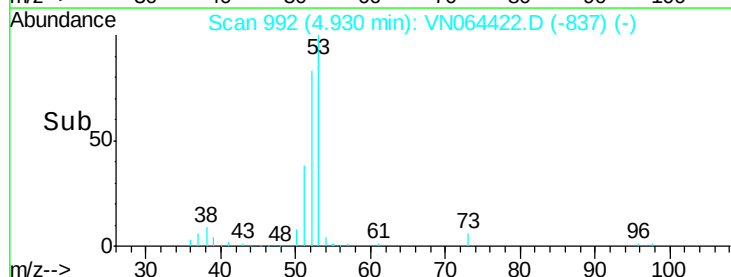
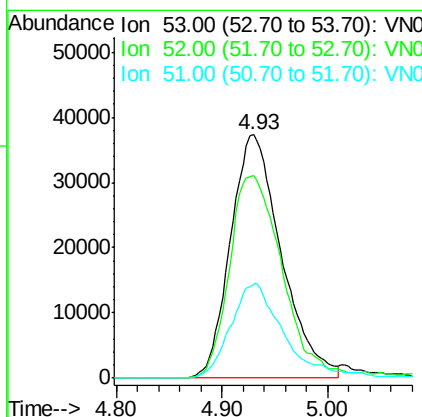
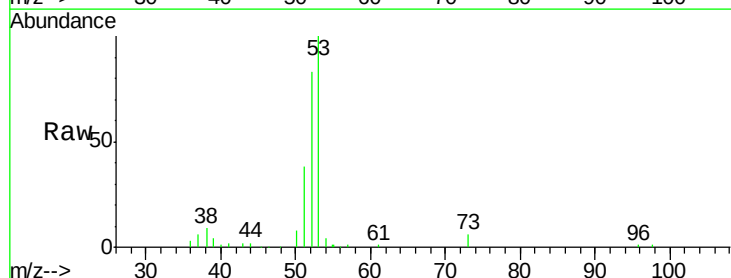
Tgt Ion: 53 Resp: 125007

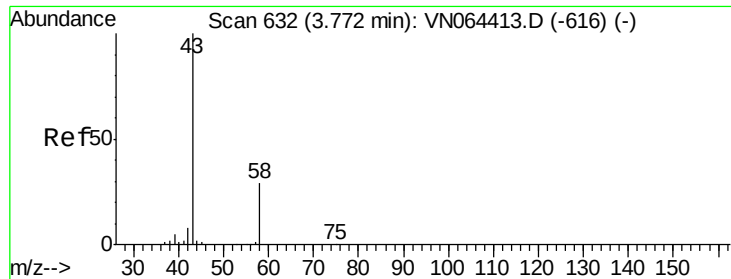
Ion Ratio Lower Upper

53 100

52 85.0 41.1 123.3

51 40.1 17.8 53.3





#15

Acetone

Concen: 75.104 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tot Ion: 58 Resp: 36259

Ion Ratio Lower Upper

58 100

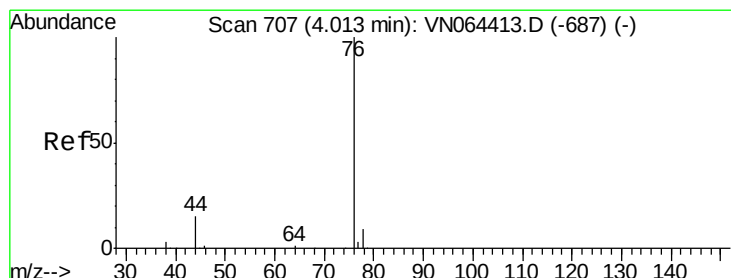
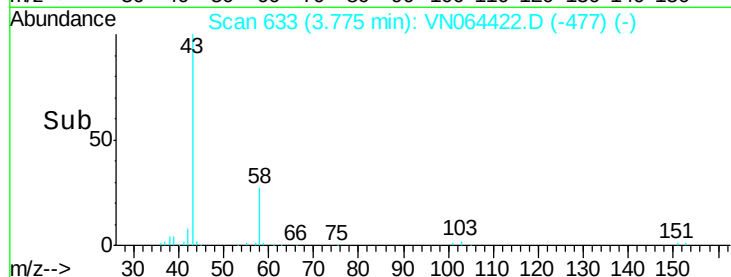
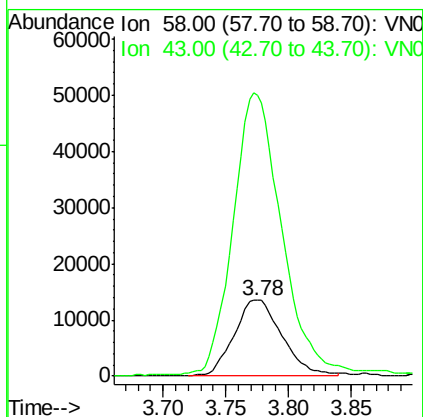
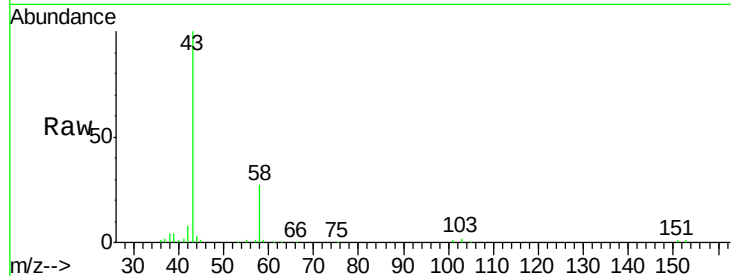
43 364.1 276.1 414.1

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.947 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064422.D

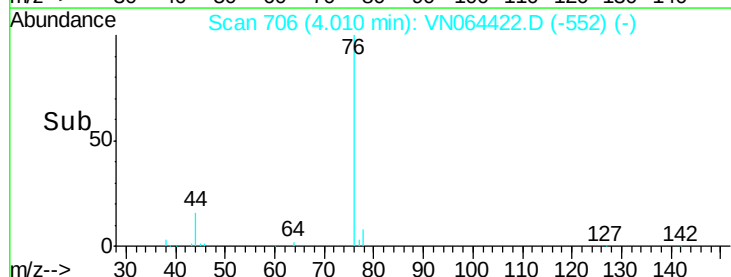
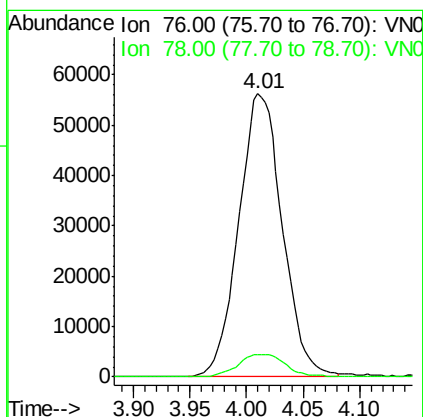
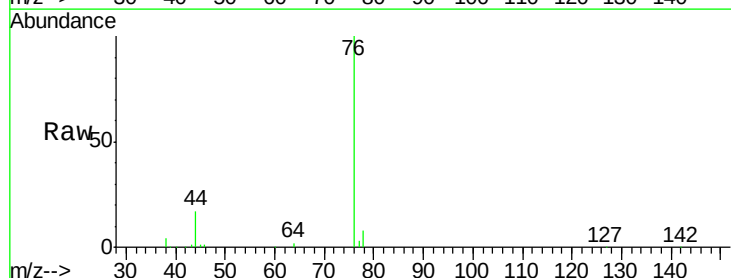
Acq: 2 Nov 2020 18:24

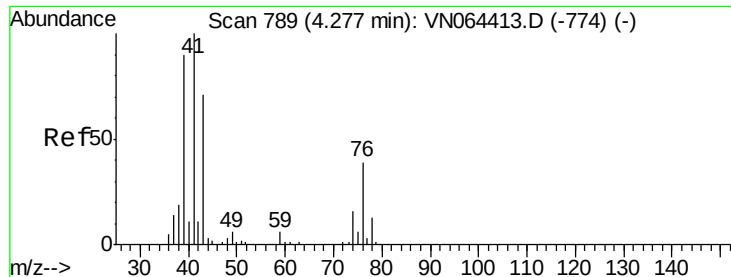
Tgt Ion: 76 Resp: 150735

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.6





#17

Allvl chloride

Concen: 17.496 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

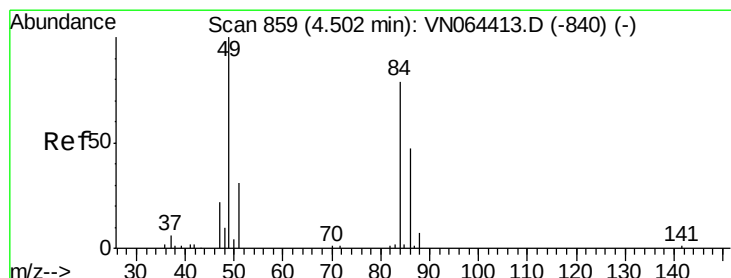
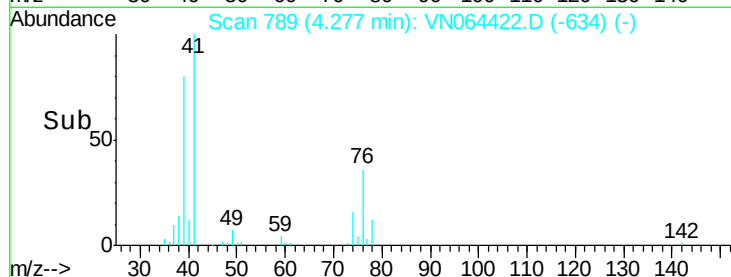
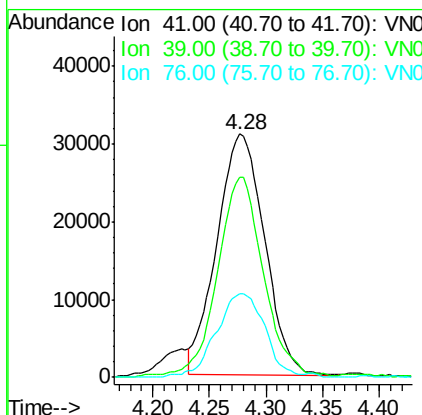
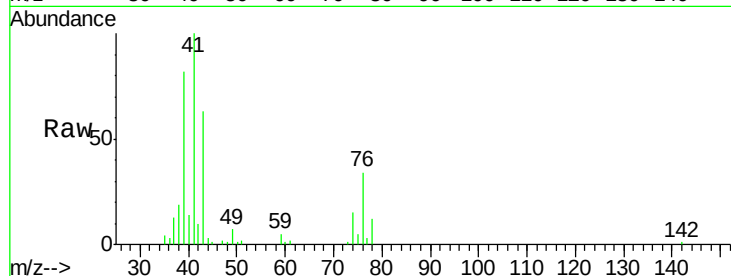
ClientSampleId :

VN1102WBSD01

Tot Ion:	41	Resp:	90816
Ion	Ratio	Lower	Upper
41	100		
39	82.3	42.3	126.8
76	34.6	18.6	55.8

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#18

Methylene Chloride

Concen: 18.071 ug/l

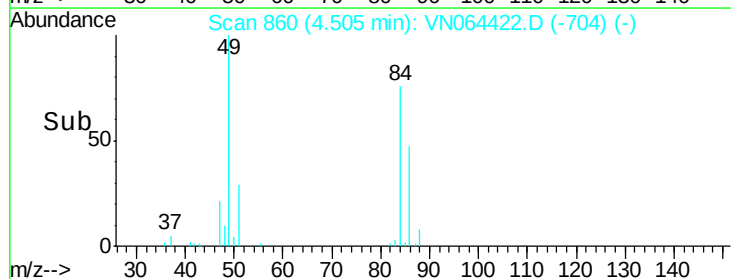
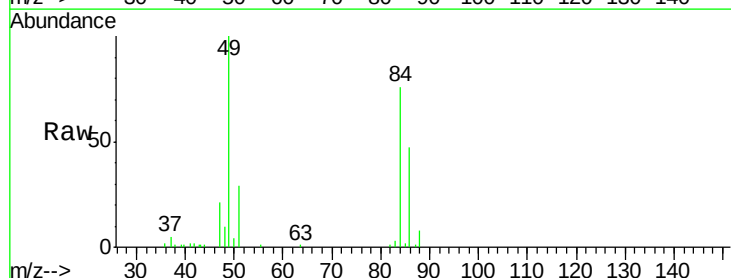
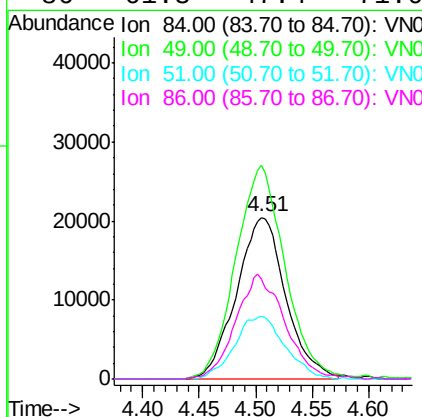
RT: 4.51 min Scan# 860

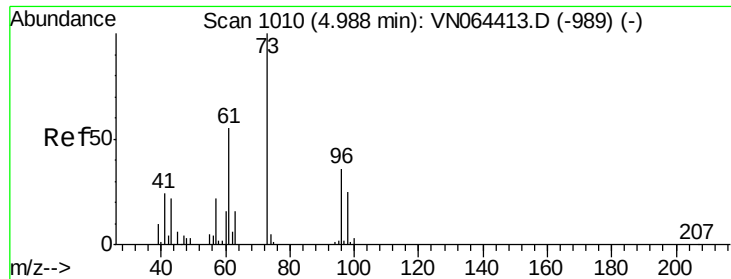
Delta R.T. 0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	84	Resp:	61881
Ion	Ratio	Lower	Upper
84	100		
49	131.4	101.0	151.4
51	39.0	31.2	46.8
86	61.3	47.4	71.0





#19

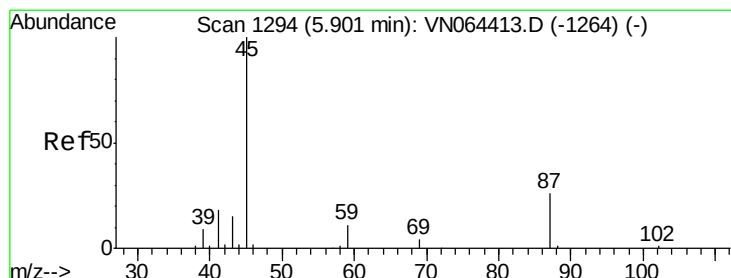
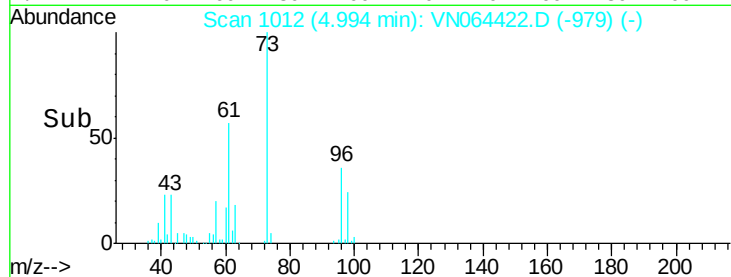
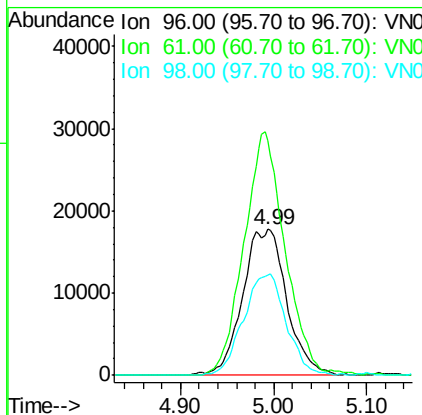
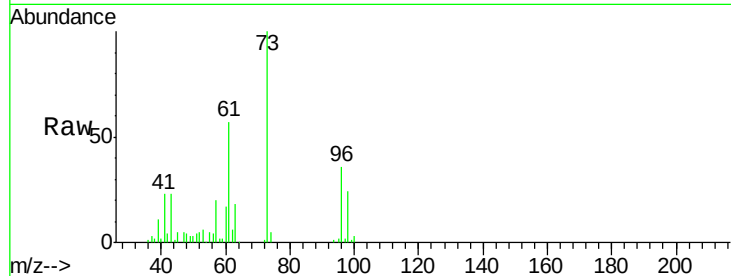
trans-1,2-Dichloroethene
Concen: 17.940 ug/l m
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.6	121.4	182.0
98	68.6	55.5	83.3

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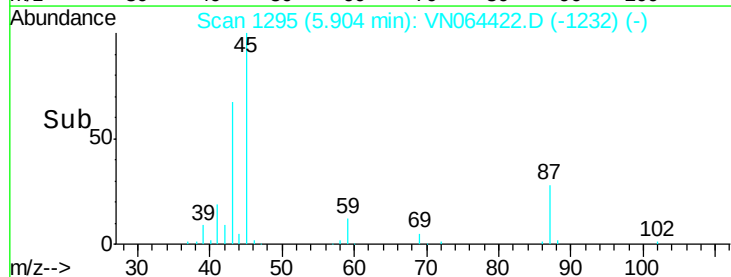
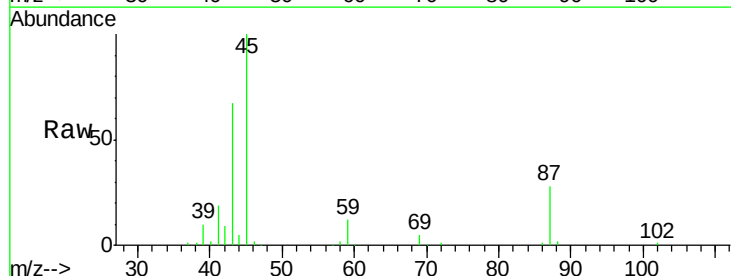
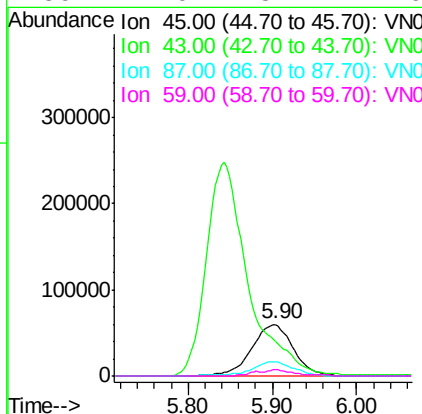
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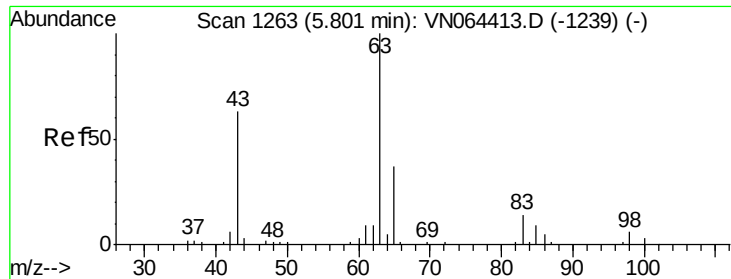


#20

Diisopropyl ether
Concen: 18.235 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.2	49.6	74.4
87	27.4	21.0	31.6
59	12.0	8.4	12.6





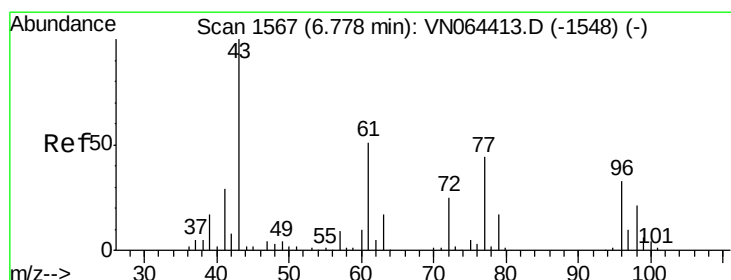
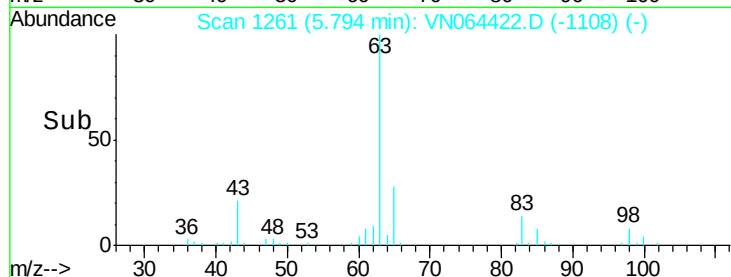
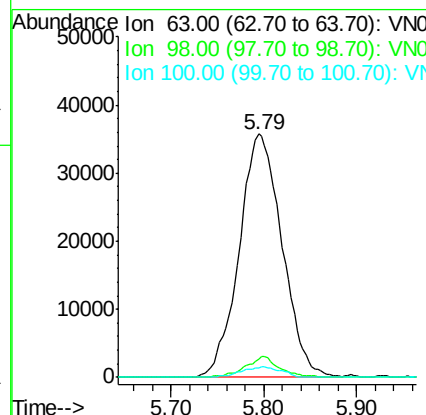
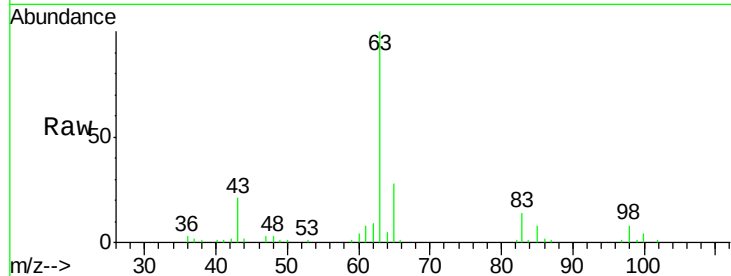
#21
 1,1-Dichloroethane
 Concen: 18.288 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.7	2.9	8.8
100	4.0	1.5	4.5

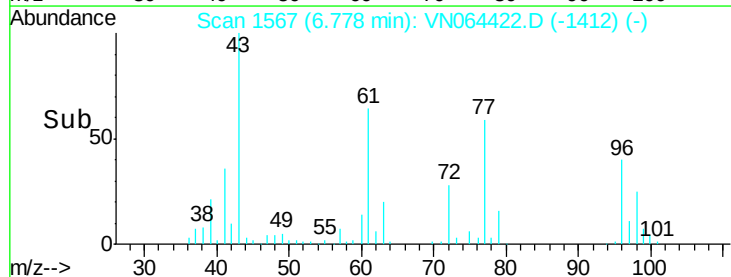
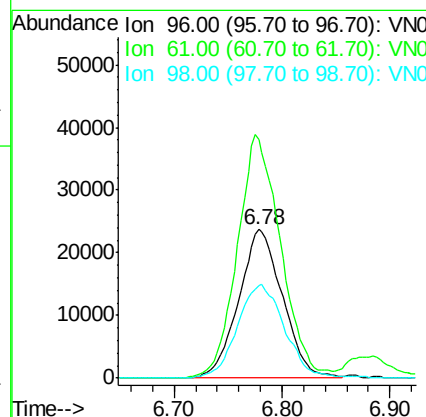
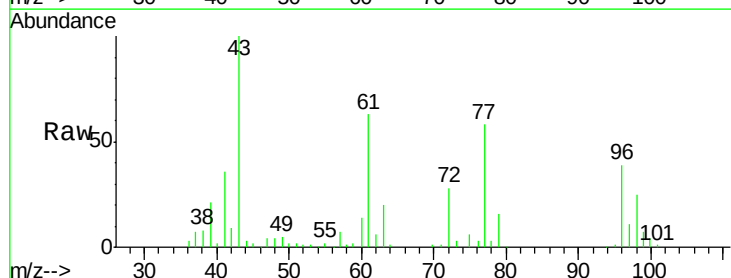
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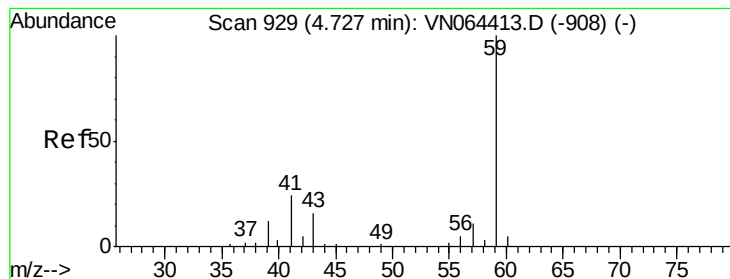
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 11/3/2020 2:20:57 PM



#22
 cis-1,2-Dichloroethene
 Concen: 17.322 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	122.3	183.5
98	67.7	49.6	74.4





#23

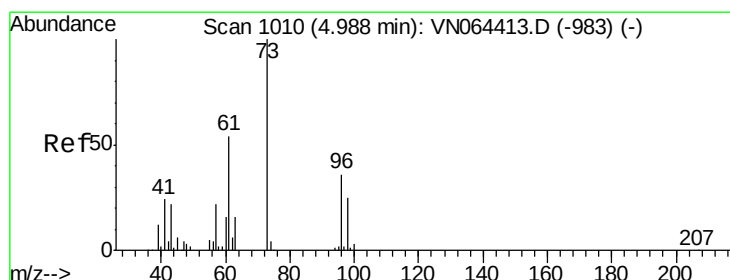
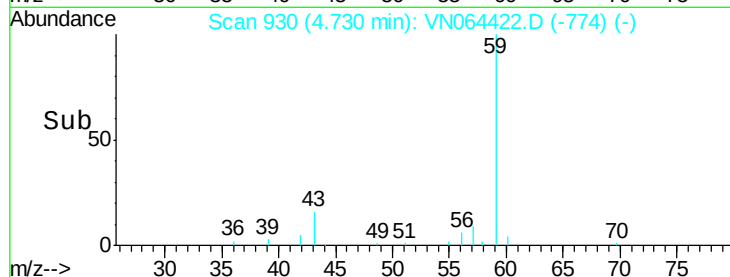
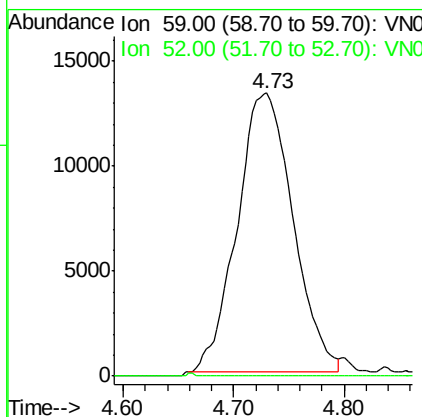
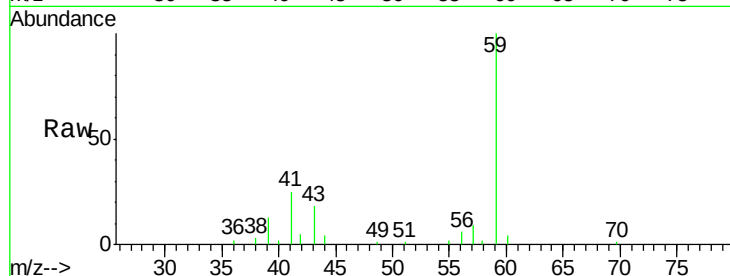
tert-Butyl Alcohol
 Concen: 88.106 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.0	0.0#

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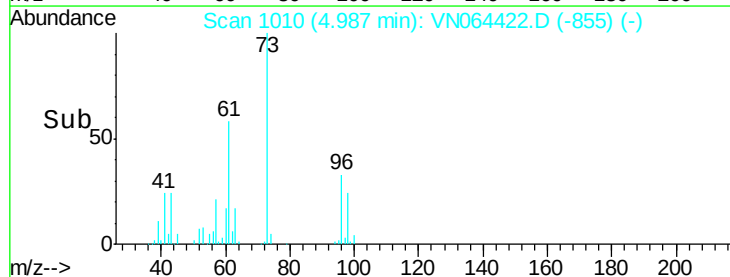
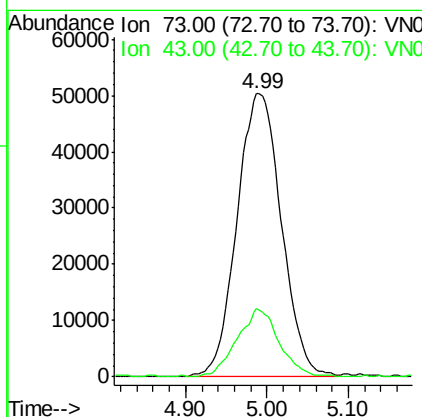
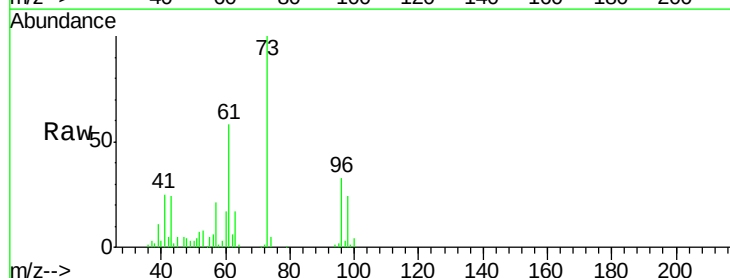
MMDadoda
 11/3/2020 2:20:57 PM

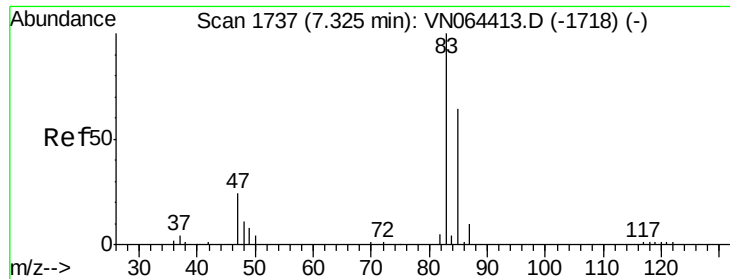


#24

Methyl tert-Butyl Ether
 Concen: 17.953 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.5	6.8	10.2#





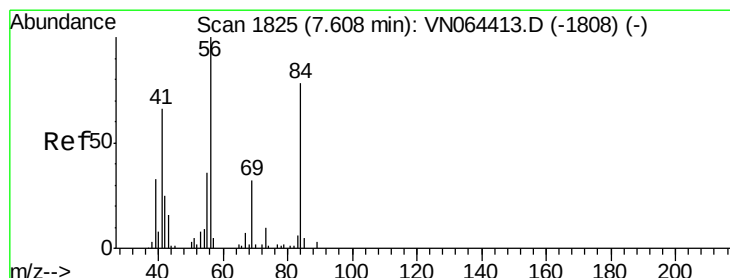
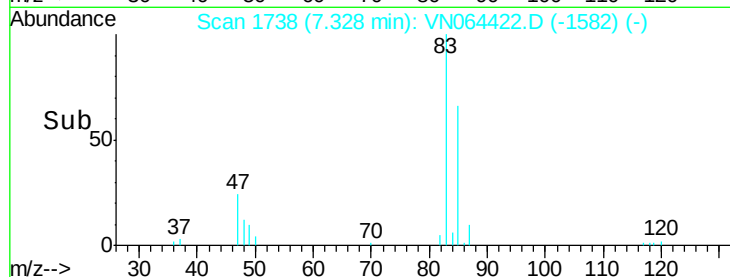
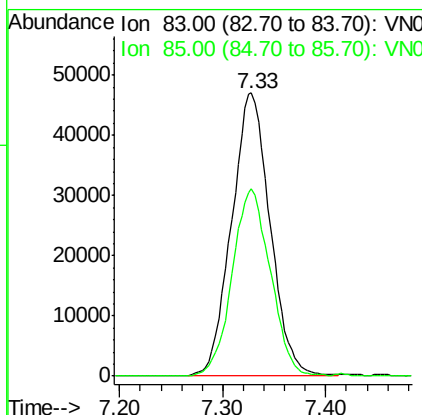
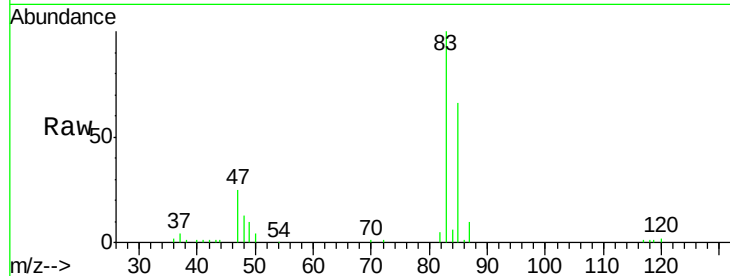
#25
Chloroform
Concen: 18.233 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampled :
VN1102WBSD01

Tot Ion	83	Resp	122353
Ion Ratio	100	Lower	Upper
83	100		
85	66.1	51.0	76.4

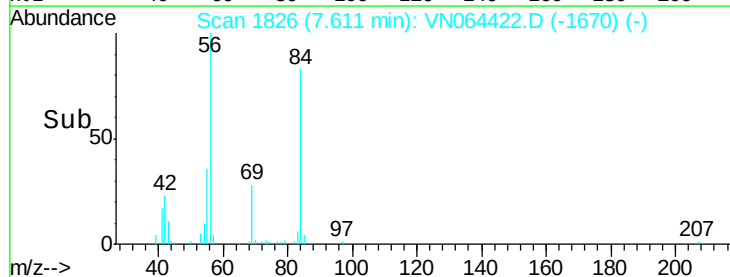
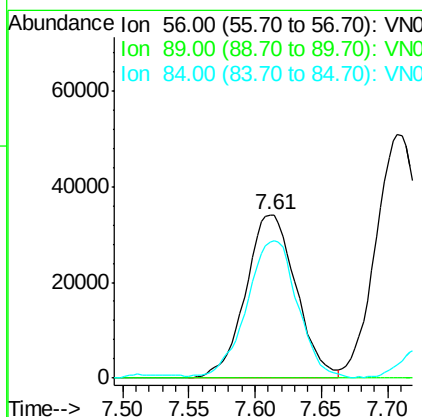
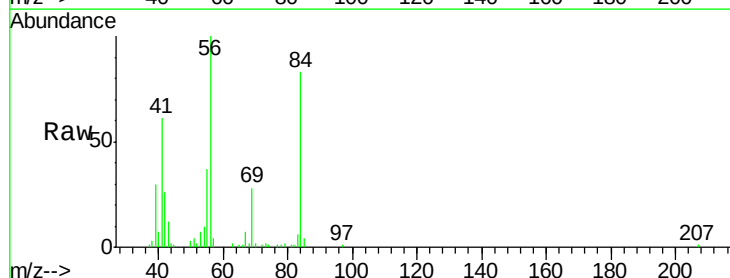
Manual Integrations
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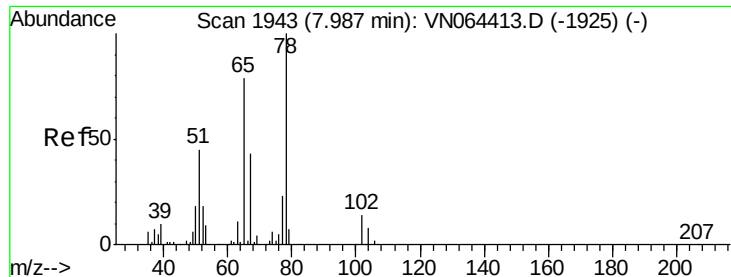
MMDadoda
11/3/2020 2:20:57 PM



#26
Cyclohexane
Concen: 18.228 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	56	Resp	90442
Ion Ratio	100	Lower	Upper
56	100		
89	0.2	2.3	3.5#
84	85.0	69.4	104.0





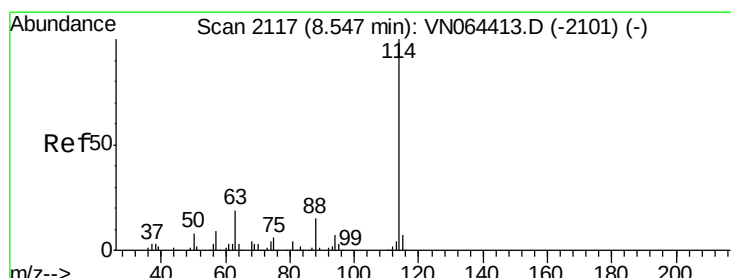
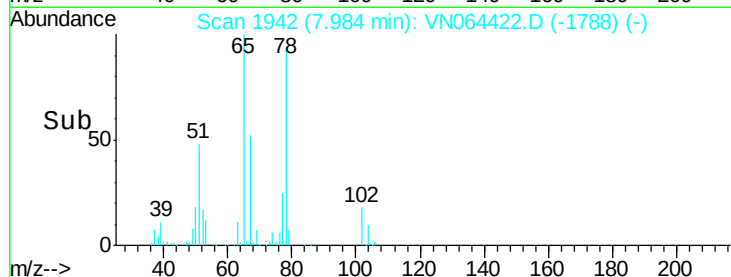
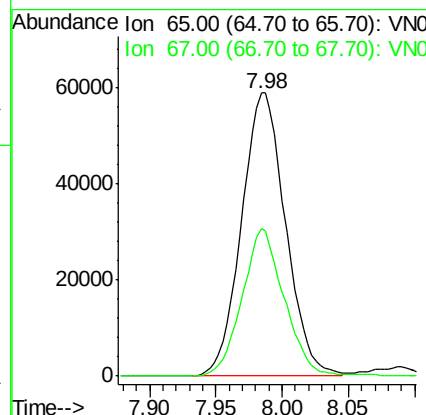
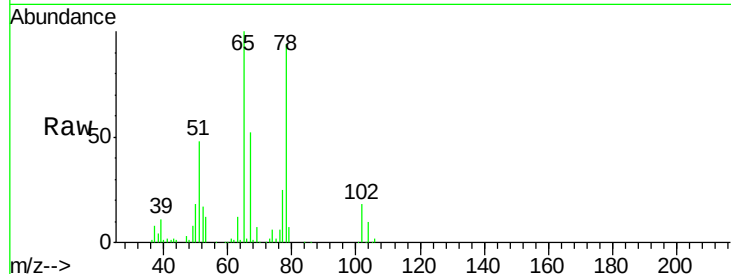
#27
 1,2-Dichloroethane-d4
 Concen: 30.501 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.7	40.6	61.0

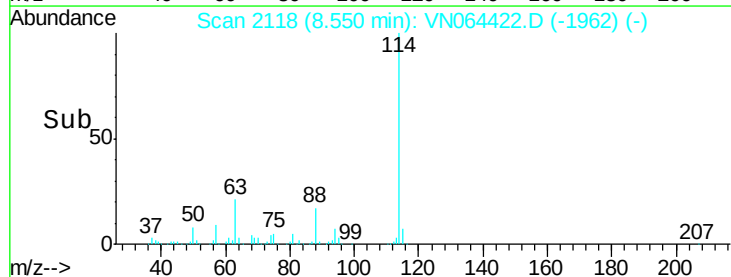
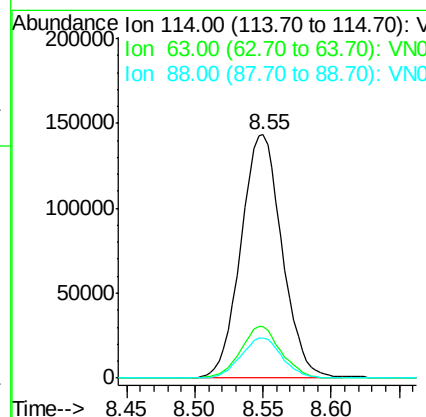
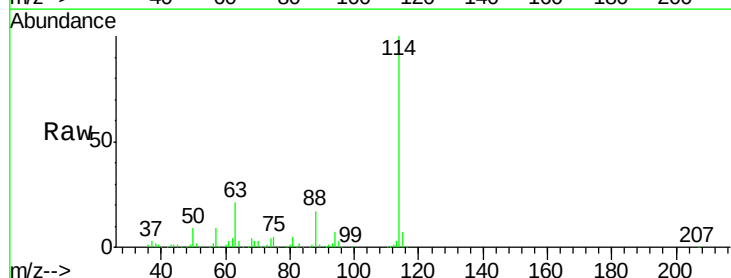
Manual Integrations
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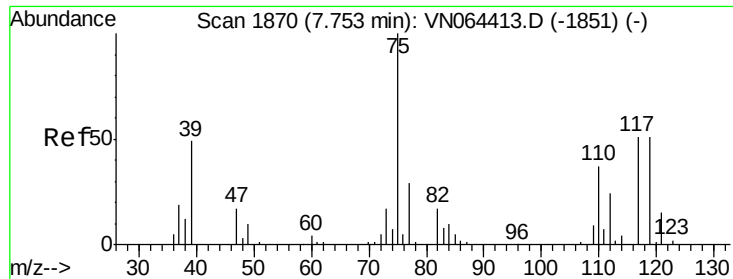
MMDadoda
 11/3/2020 2:20:57 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.2	24.4
88	16.6	12.6	19.0





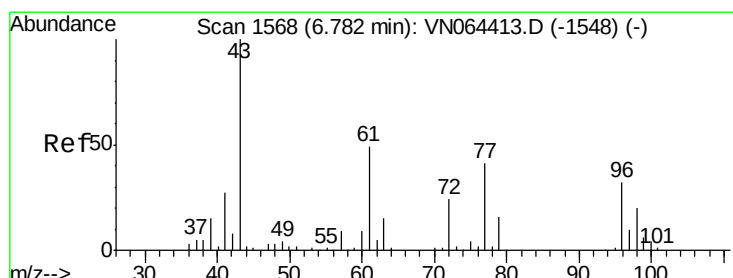
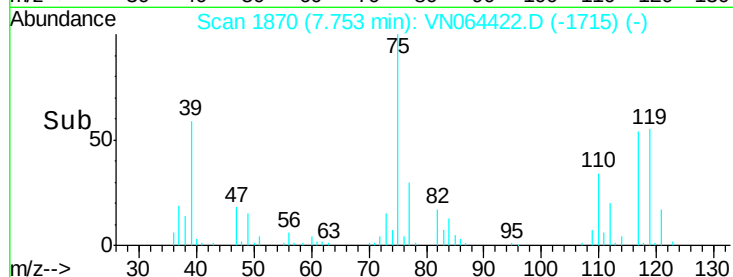
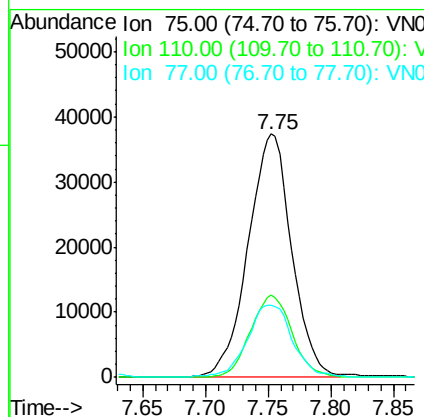
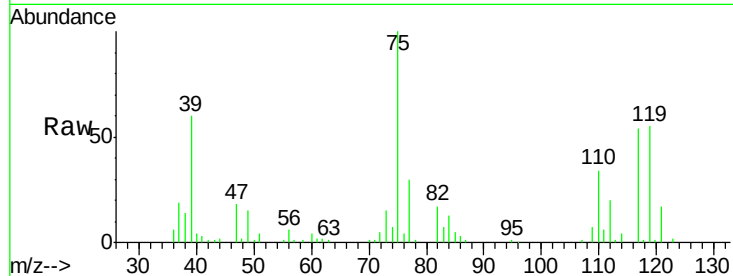
#29
 1,1-Dichloropropene
 Concen: 18.614 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.4	0.0	71.8
77	30.8	0.0	32.4

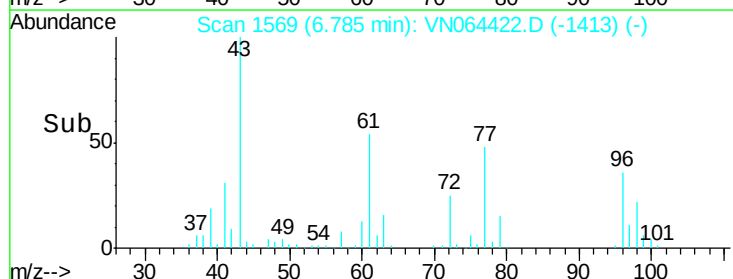
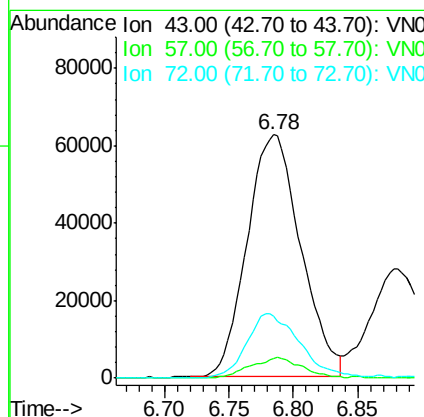
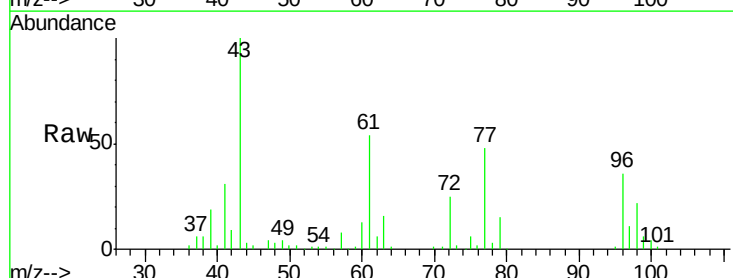
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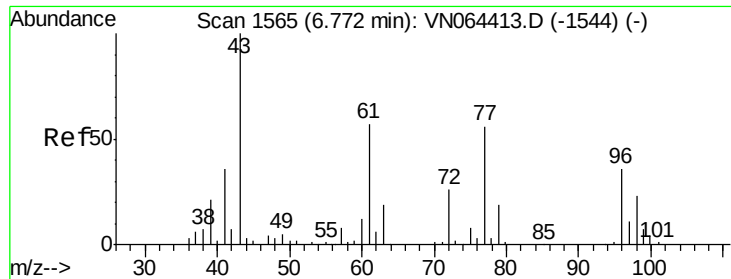
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 11/3/2020 2:20:57 PM



#30
 2-Butanone
 Concen: 82.710 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.6	9.8
72	26.3	20.0	30.0





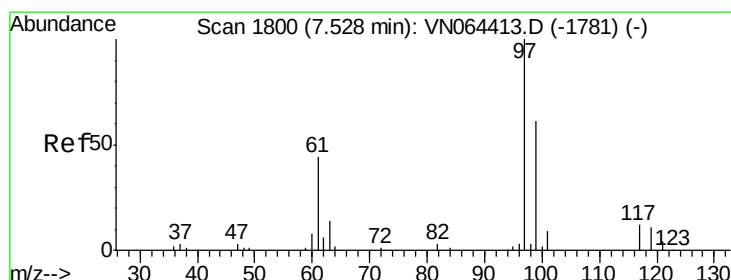
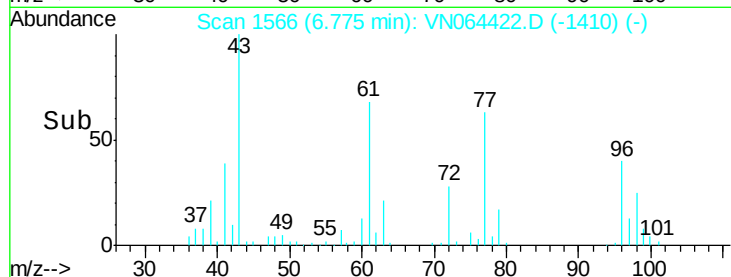
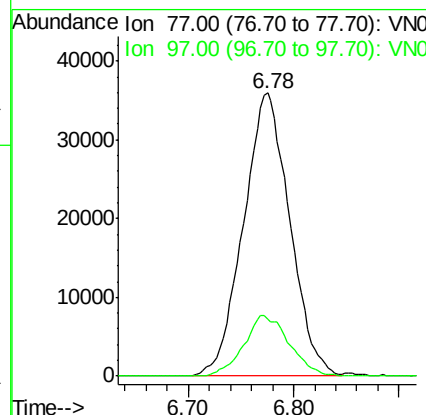
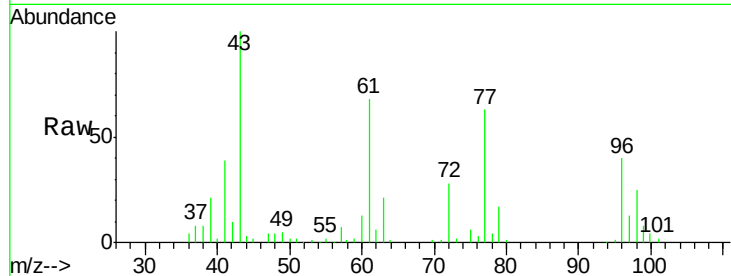
#31
 2,2-Dichloropropane
 Concen: 18.517 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion: 77 Resp: 109906
 Ion Ratio Lower Upper
 77 100
 97 12.5 17.4 26.0#

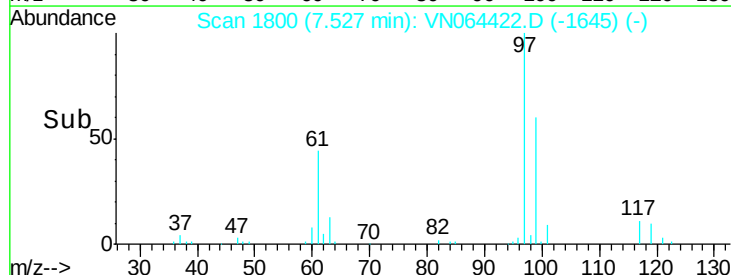
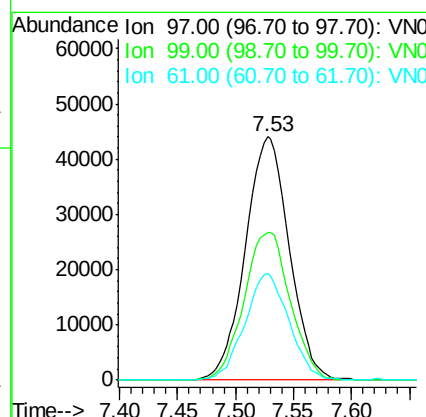
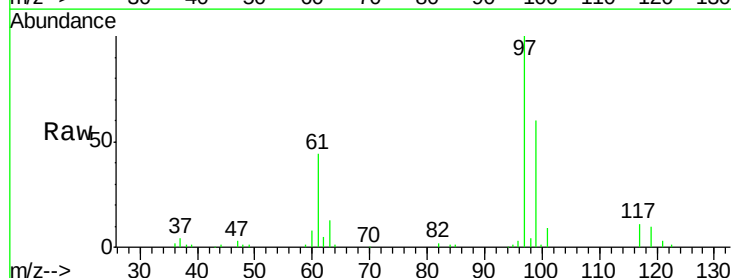
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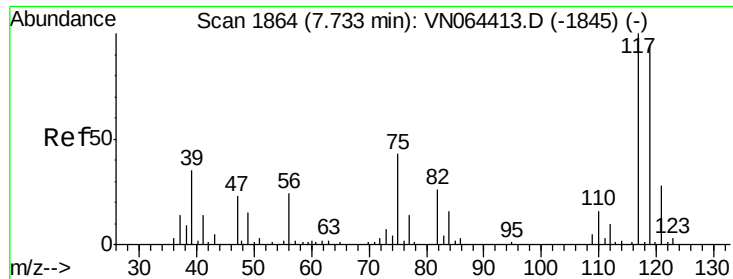
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#32
 1,1,1-Trichloroethane
 Concen: 18.320 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion: 97 Resp: 116115
 Ion Ratio Lower Upper
 97 100
 99 63.9 49.8 74.8
 61 43.9 34.9 52.3





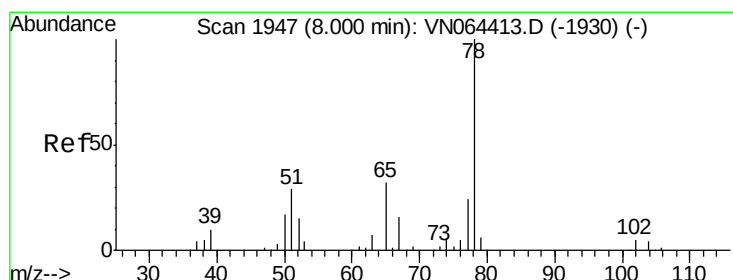
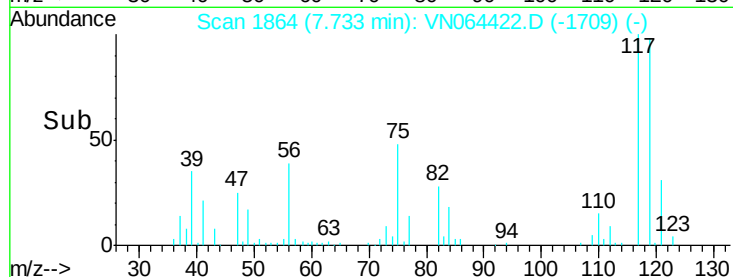
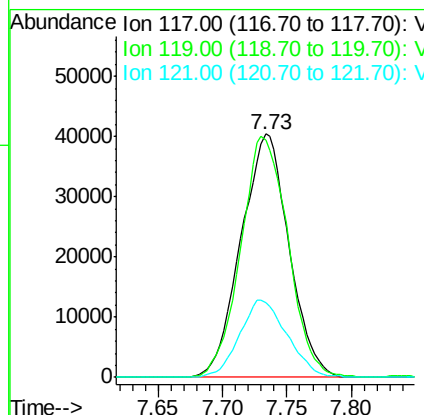
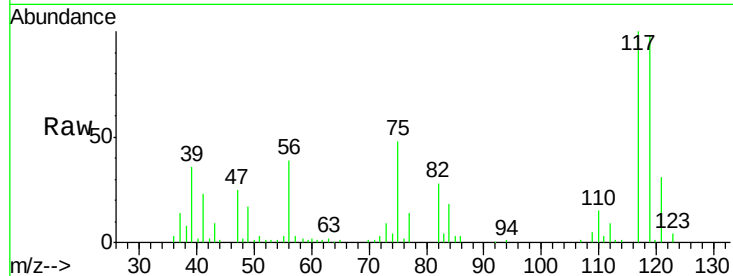
#33
Carbon Tetrachloride
Concen: 18.342 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.0	112.4
121	30.8	22.1	33.1

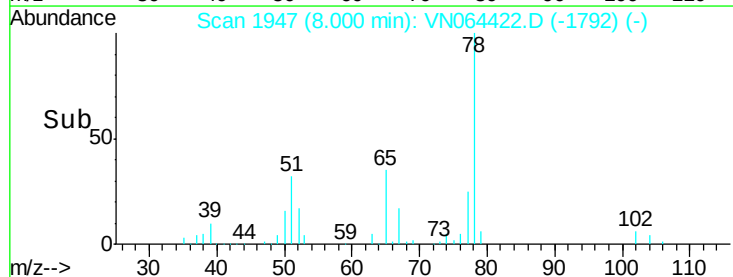
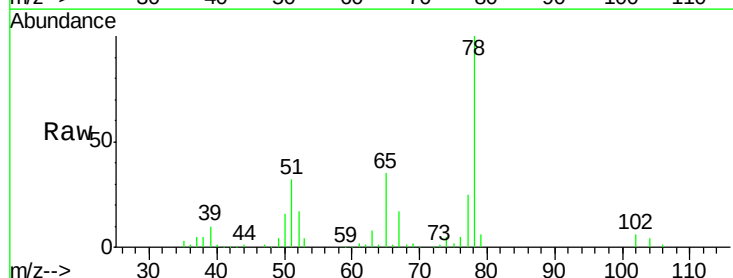
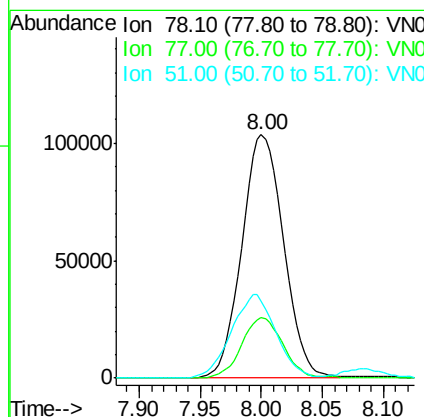
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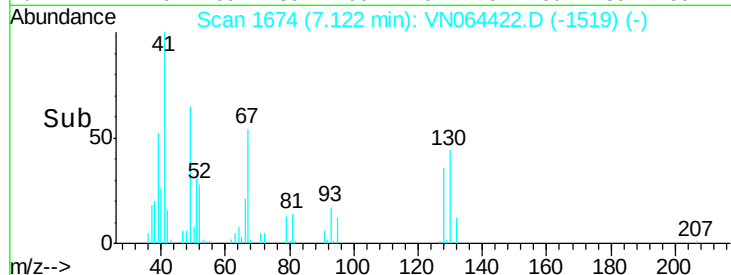
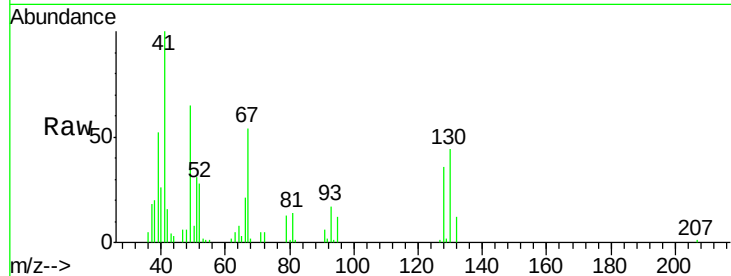
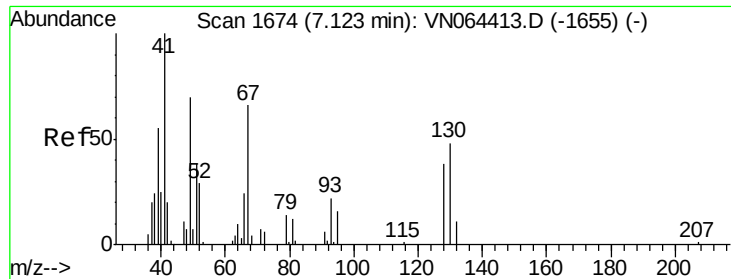
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#34
Benzene
Concen: 17.982 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4
51	31.2	23.1	34.7





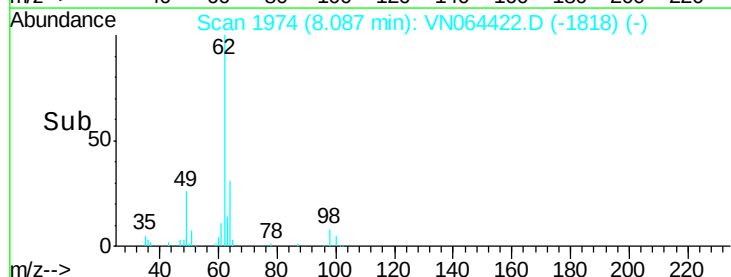
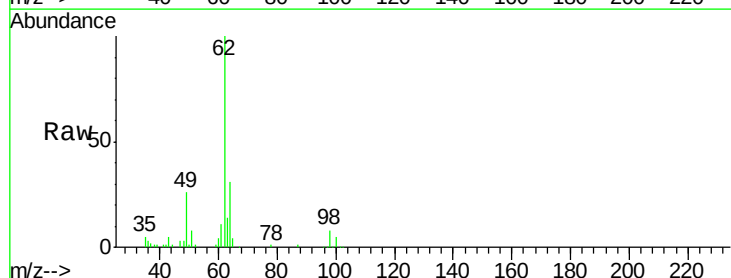
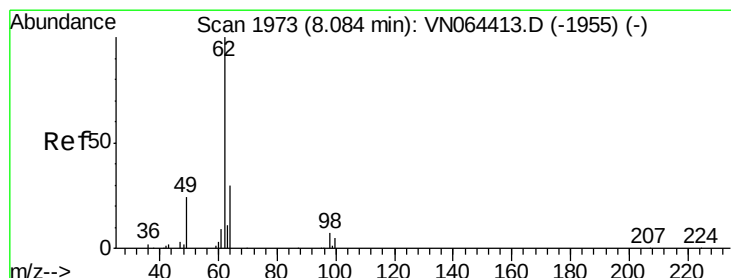
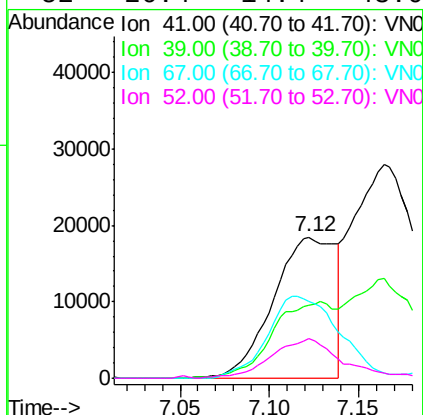
#35
Methacrylonitrile
Concen: 20.666 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tot Ion	41	Resp	44847
Ion Ratio	Lower	Upper	
41	100		
39	51.5	27.8	83.3
67	54.0	32.9	98.6
52	26.4	14.4	43.0

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

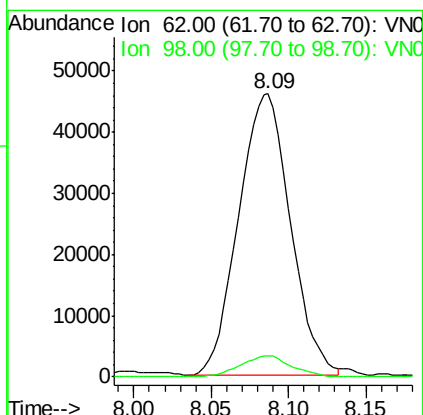
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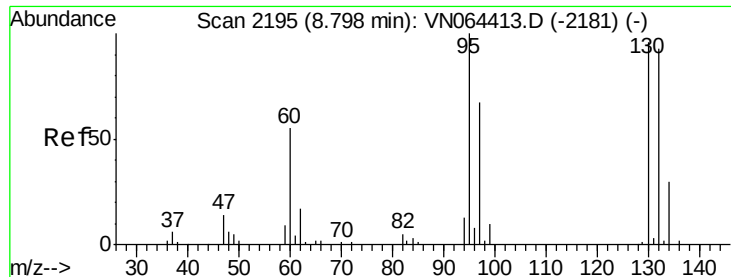
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#36
1,2-Dichloroethane
Concen: 18.918 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	62	Resp	107177
Ion Ratio	Lower	Upper	
62	100		
98	7.3	6.2	9.2





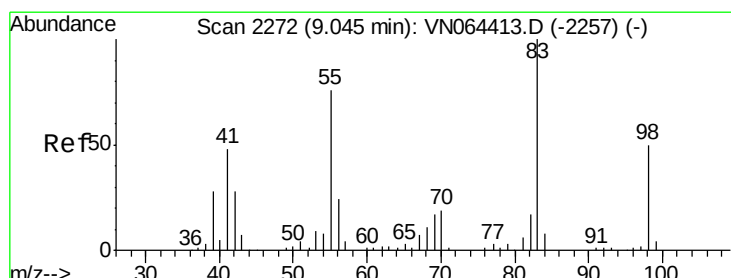
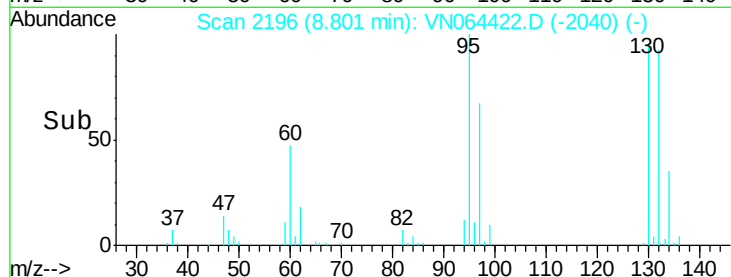
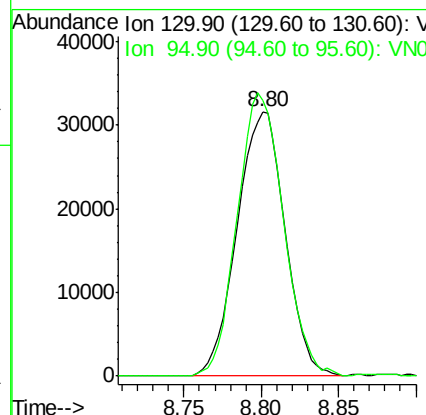
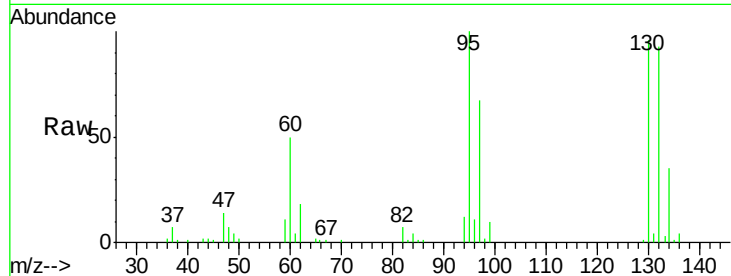
#37
 Trichloroethene
 Concen: 17.678 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion:130 Resp: 67990
 Ion Ratio Lower Upper
 130 100
 95 104.3 83.6 125.4

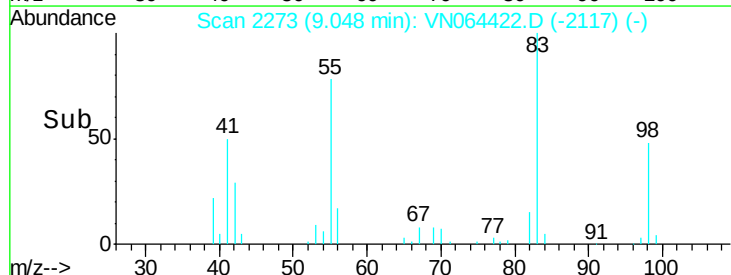
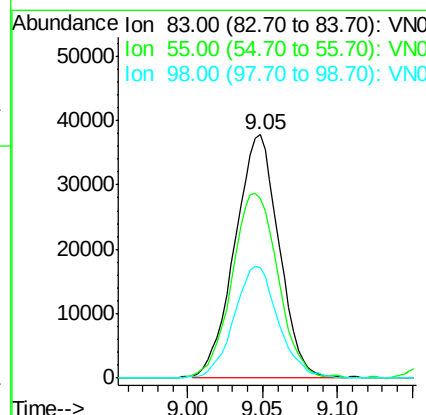
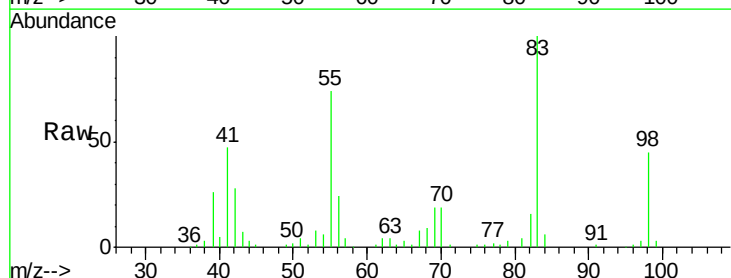
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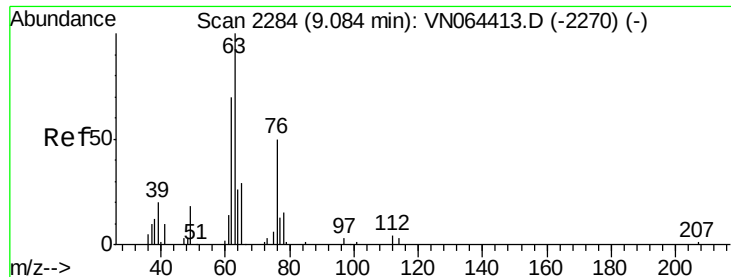
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 11/3/2020 2:20:57 PM



#38
 Methylcyclohexane
 Concen: 17.682 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion: 83 Resp: 77543
 Ion Ratio Lower Upper
 83 100
 55 79.1 38.3 114.9
 98 45.8 24.6 74.0





#39

1,2-Dichloropropane

Concen: 18.262 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tot Ion: 63 Resp: 64187

Ion Ratio Lower Upper

63 100

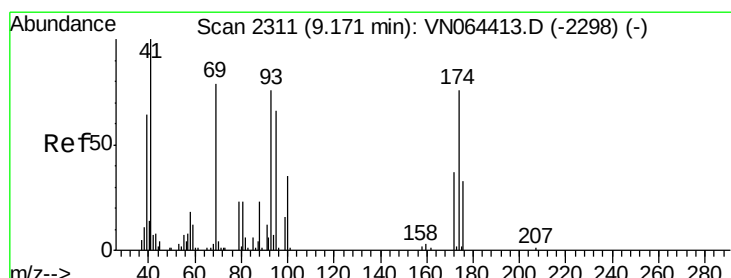
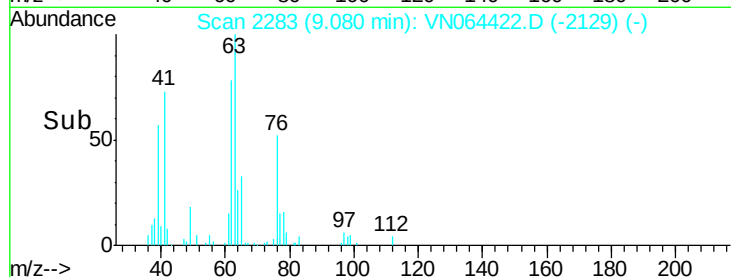
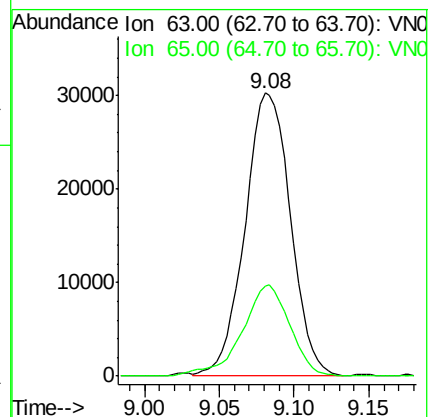
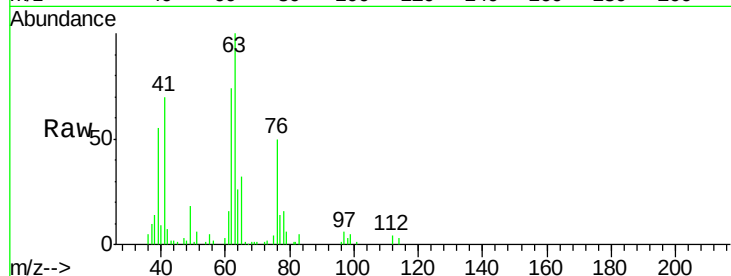
65 32.0 25.0 37.6

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#40

Dibromomethane

Concen: 18.497 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

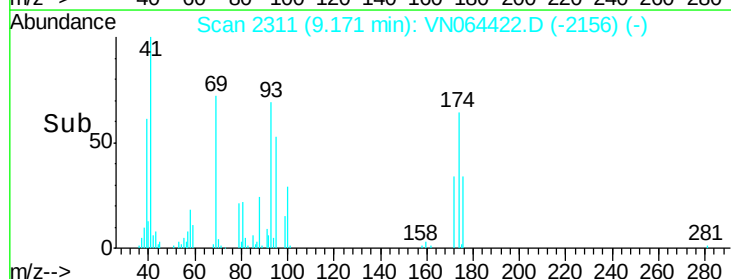
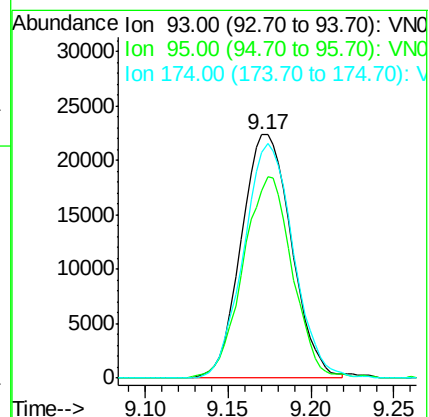
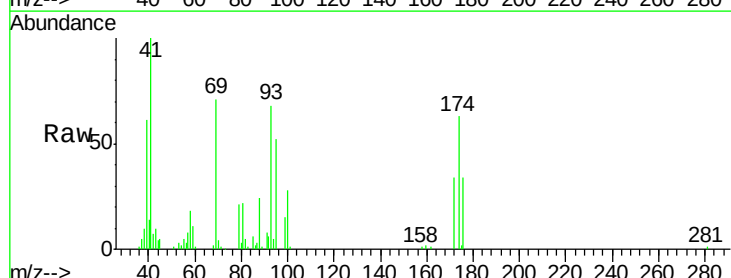
Tgt Ion: 93 Resp: 47118

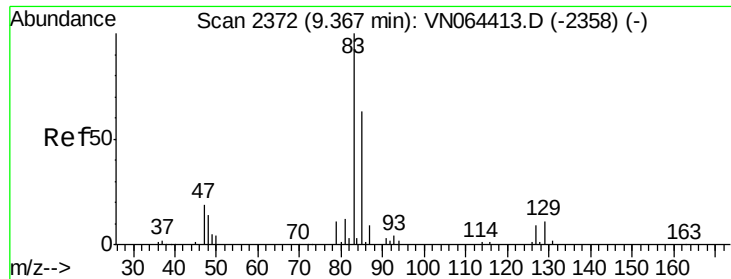
Ion Ratio Lower Upper

93 100

95 81.0 0.0 170.0

174 95.3 0.0 199.8





#41

Bromodichloromethane

Concen: 17.922 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

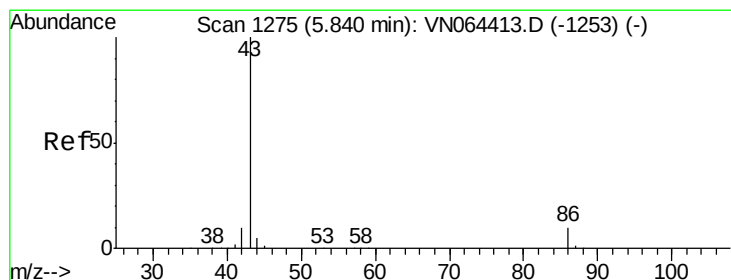
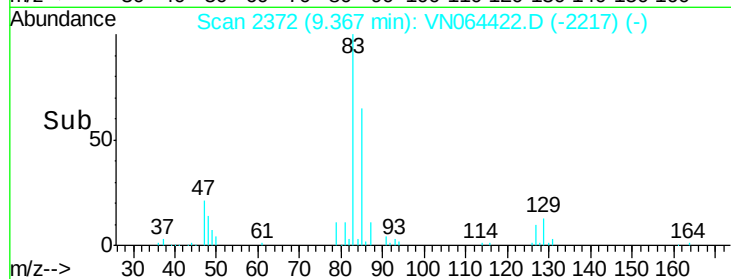
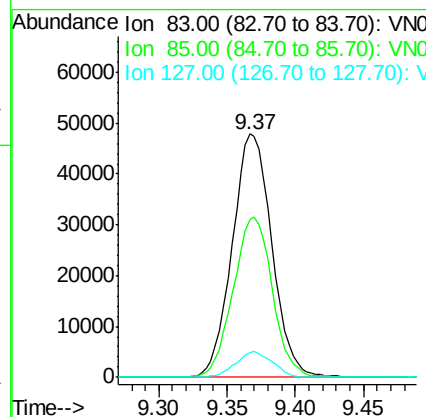
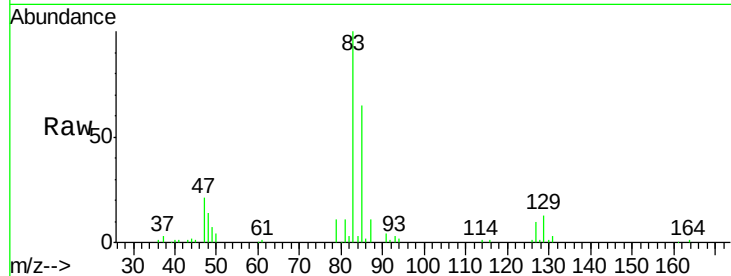
ClientSampleId :

VN1102WBSD01

Tot Ion:	83	Resp:	96432
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.5	75.7
127	10.1	7.0	10.6

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#42

Vinyl Acetate

Concen: 91.434 ug/l

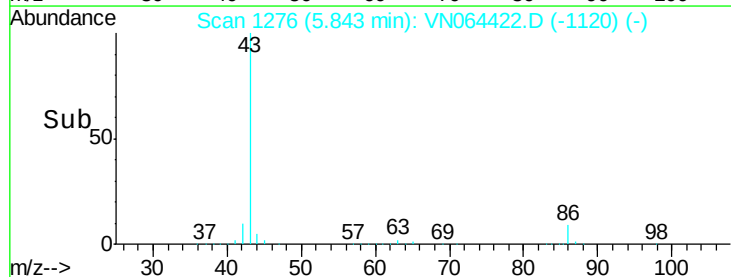
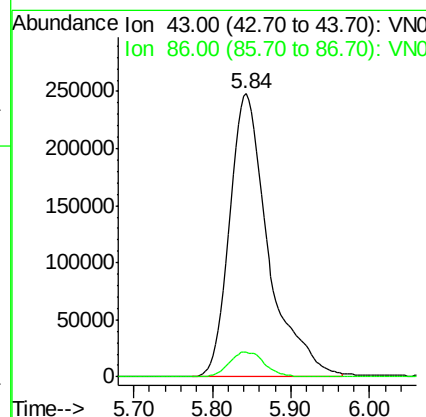
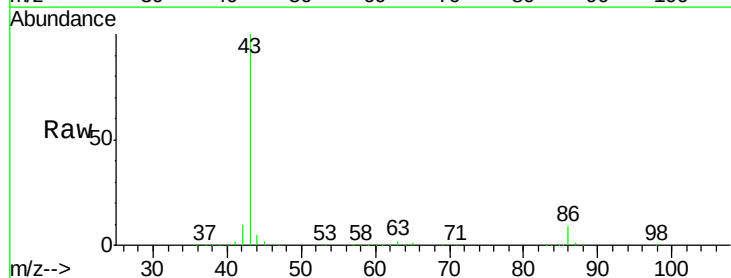
RT: 5.84 min Scan# 1276

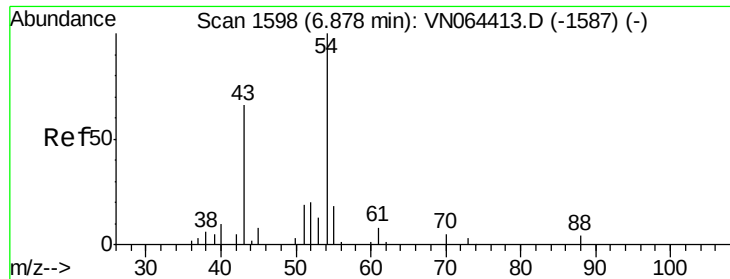
Delta R.T. 0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	43	Resp:	849659
Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.5	9.7





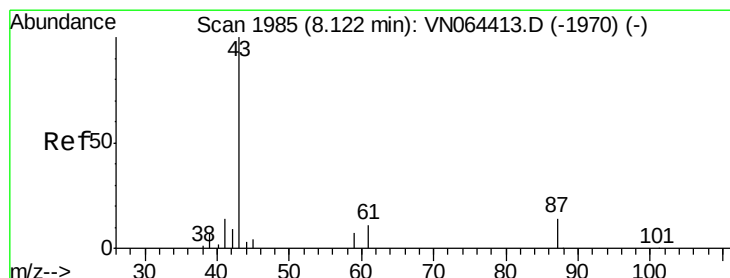
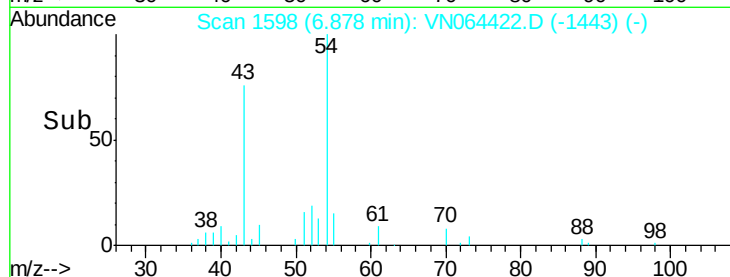
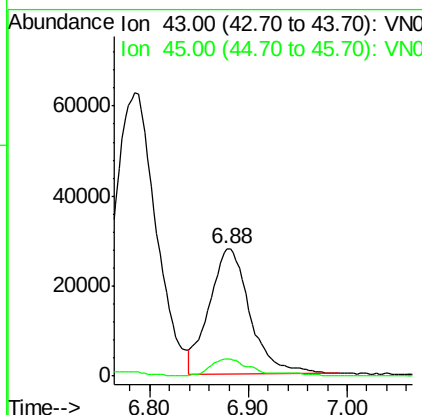
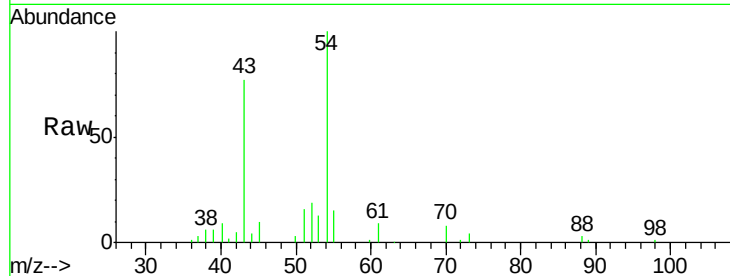
#43
Ethyl Acetate
Concen: 18.898 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion: 43 Resp: 80328
Ion Ratio Lower Upper
43 100
45 10.3 5.2 7.8#

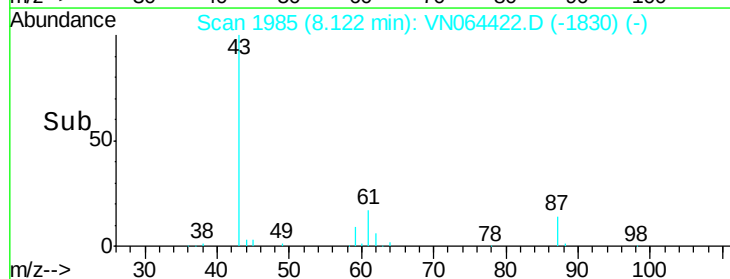
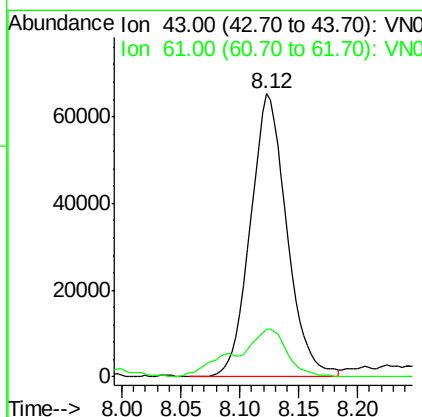
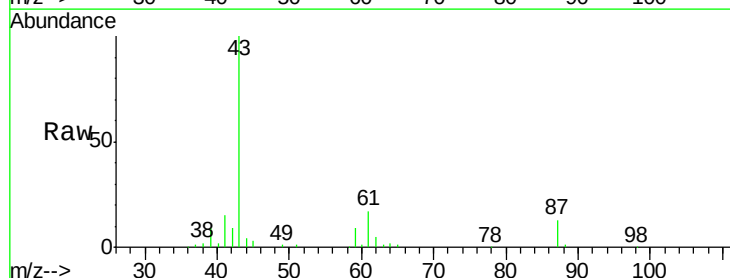
Manual Integrations
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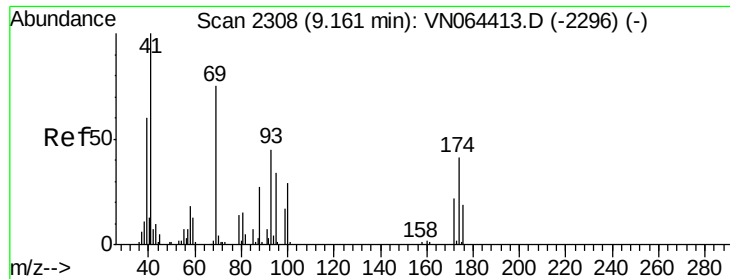
MMDadoda
11/3/2020 2:20:57 PM



#44
Isopropyl Acetate
Concen: 18.808 ug/l m
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion: 43 Resp: 142210
Ion Ratio Lower Upper
43 100
61 0.1 20.4 30.6#





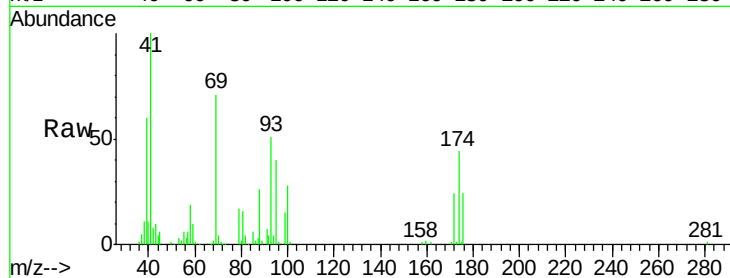
#45
1,4-Dioxane
Concen: 370.706 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	32.0	48.0
58	73.0	59.1	88.7

Manual Integrations
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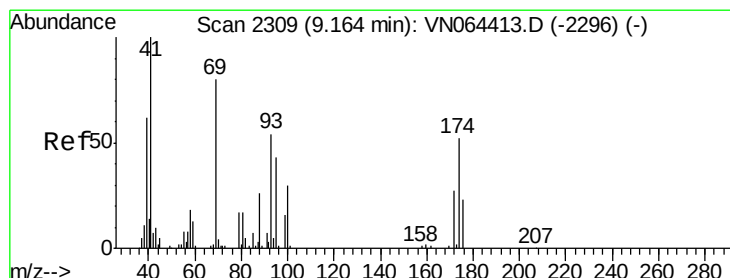
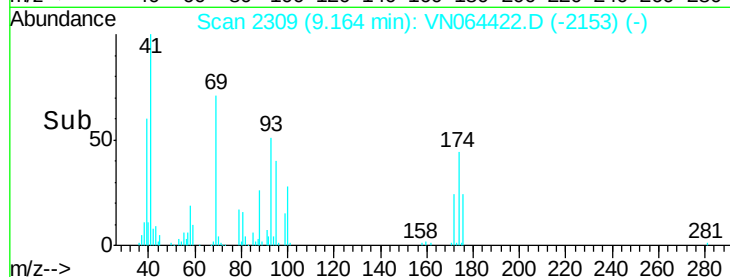
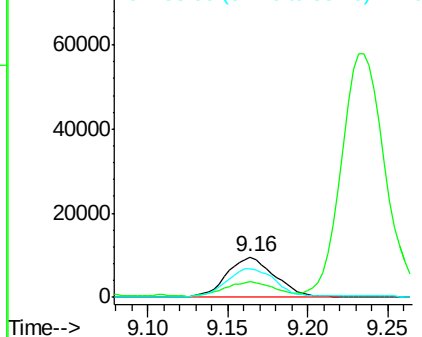


Abundance

Ion 88.00 (87.70 to 88.70): VNO

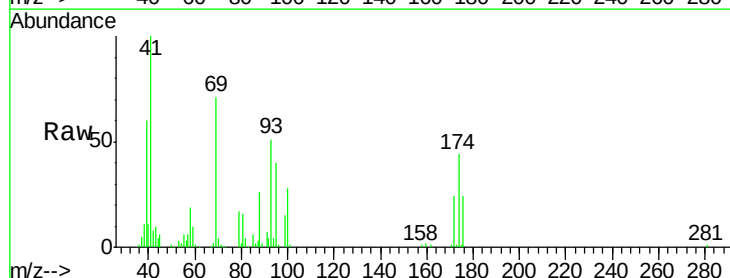
Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#46
Methyl methacrylate
Concen: 19.033 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.7	39.8	119.4
39	59.8	30.5	91.5

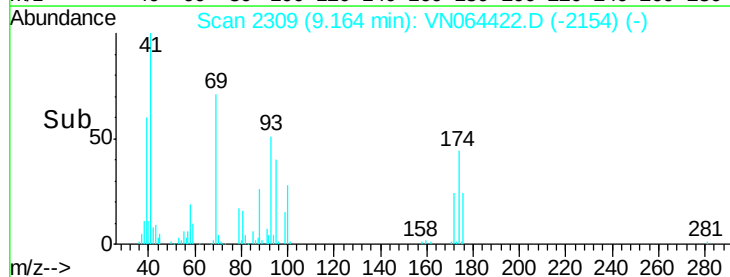
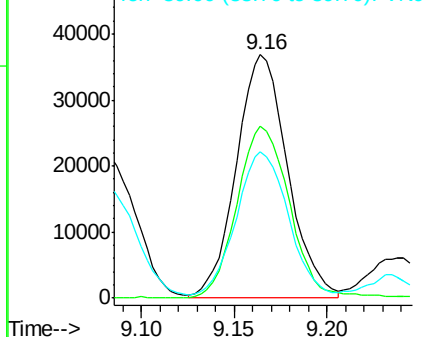


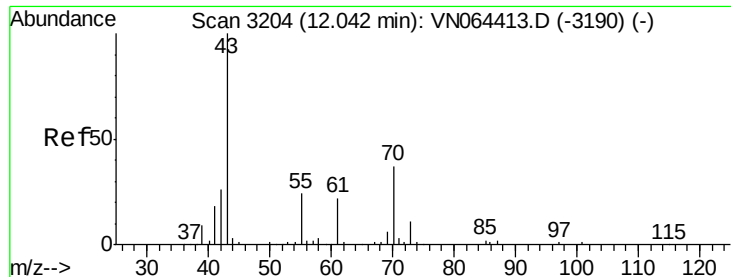
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#47

n-amvl Acetate

Concen: 17.752 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

ClientSampled :

VN1102WBSD01

Tot Ion: 43 Resp: 114165

Ion Ratio Lower Upper

43 100

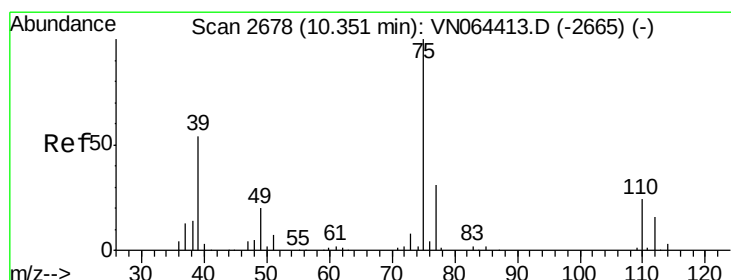
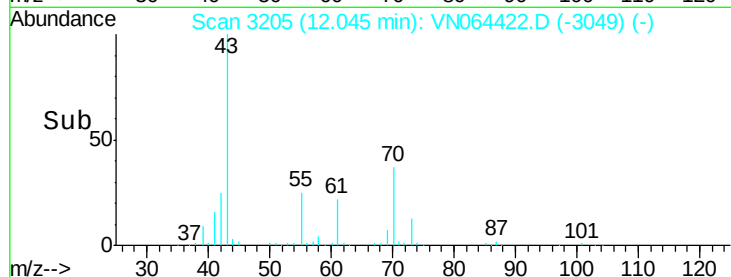
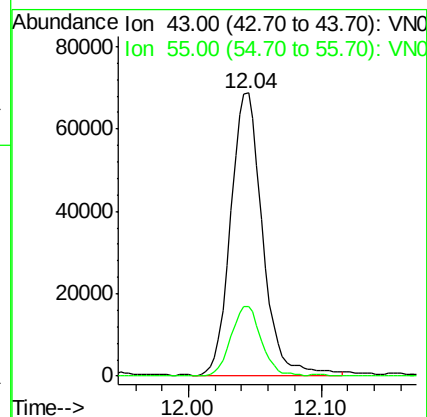
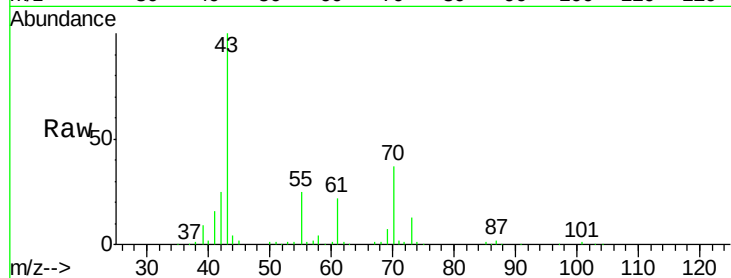
55 23.5 18.1 27.1

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.728 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064422.D

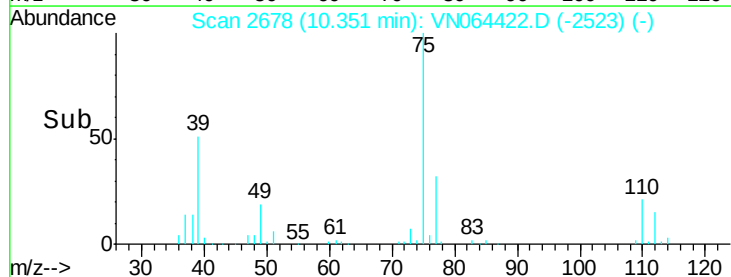
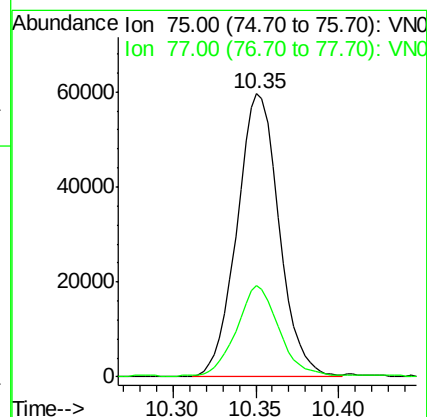
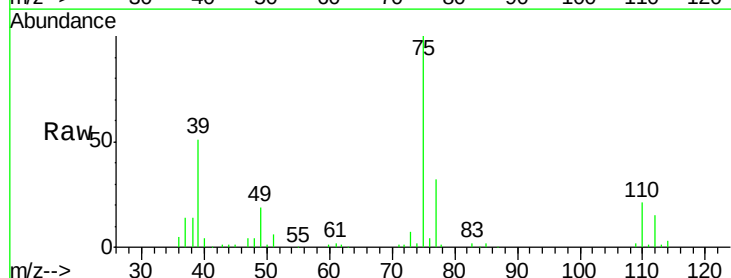
Acq: 2 Nov 2020 18:24

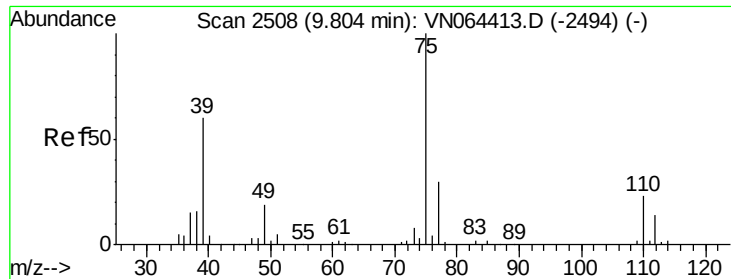
Tgt Ion: 75 Resp: 105269

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3





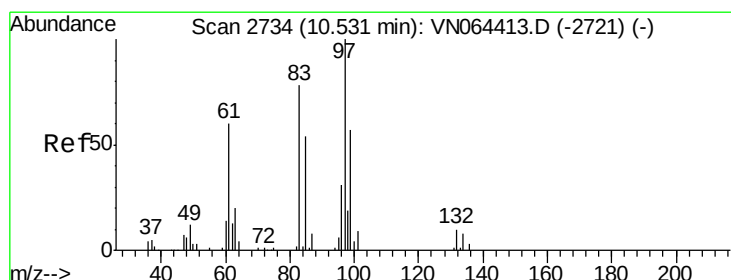
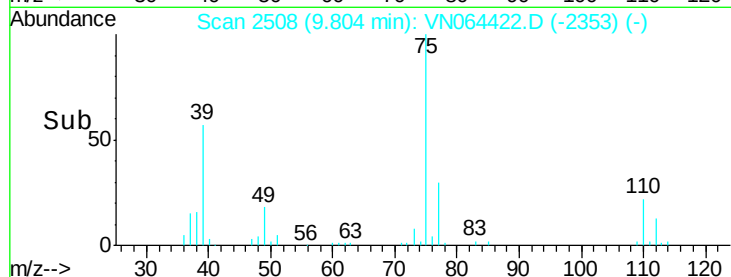
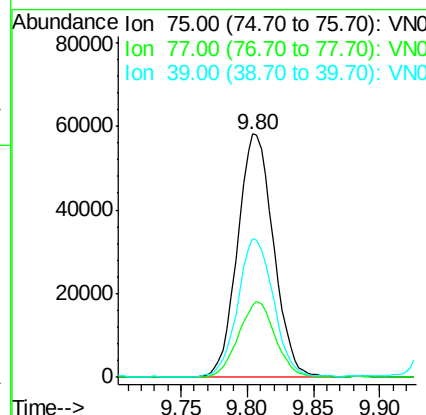
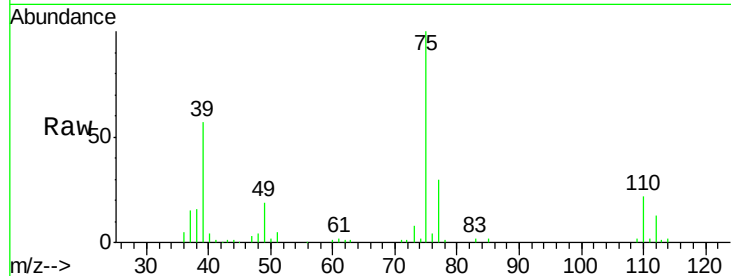
#49
 cis-1,3-Dichloropropene
 Concen: 17.874 ug/l
 RT: 9.80 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.7	24.3	36.5
39	57.0	48.0	72.0

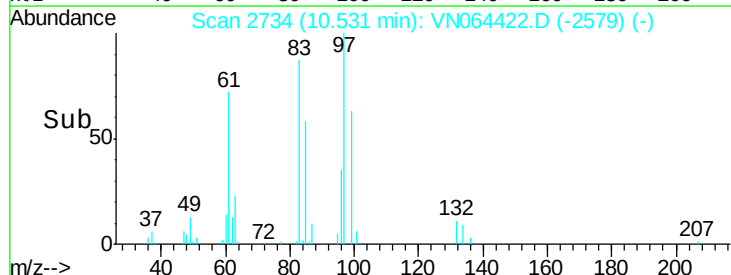
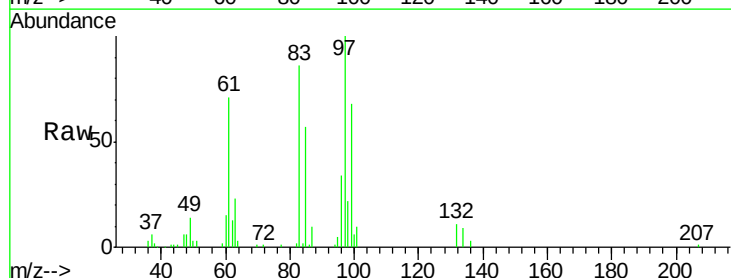
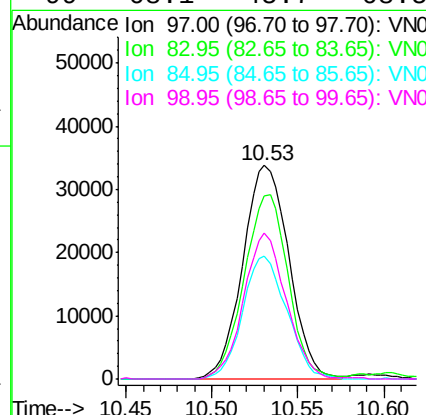
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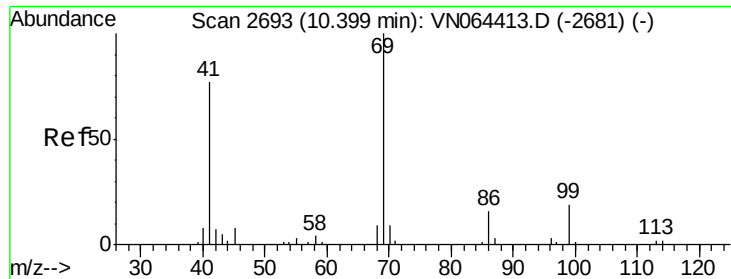
MMDadoda
 11/3/2020 2:20:57 PM



#50
 1,1,2-Trichloroethane
 Concen: 18.446 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	62.4	93.6
85	57.5	42.9	64.3
99	68.1	45.7	68.5





#51

Ethyl methacrylate

Concen: 17.750 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

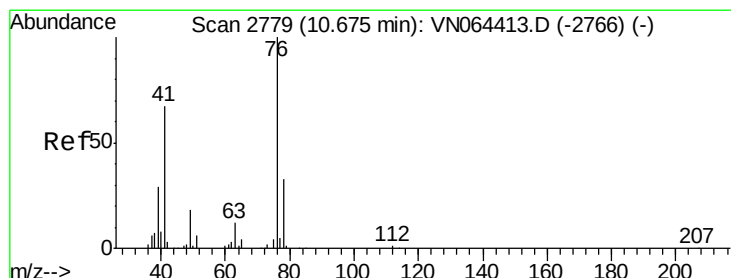
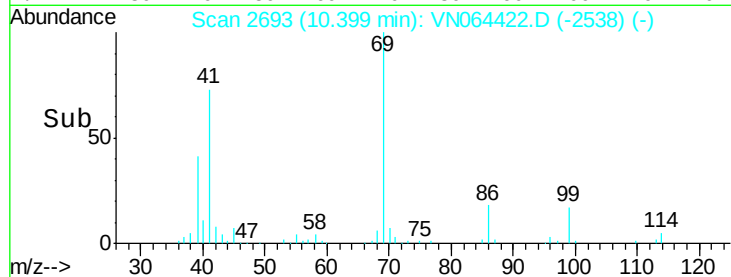
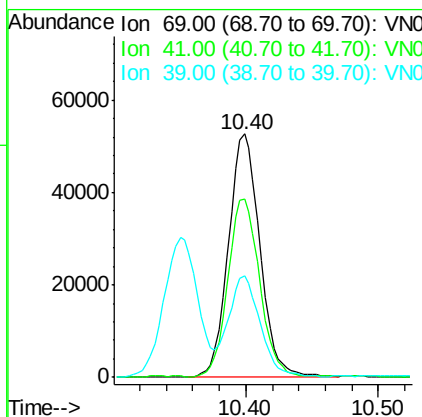
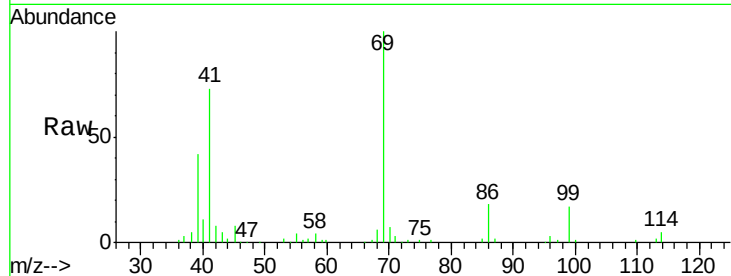
ClientSampleId :

VN1102WBSD01

Tot Ion:	69	Resp:	87212
Ion Ratio	Lower	Upper	
69	100		
41	73.0	38.4	115.2
39	40.7	22.7	68.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.552 ug/l

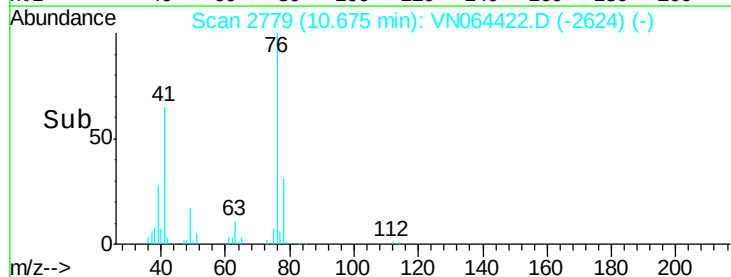
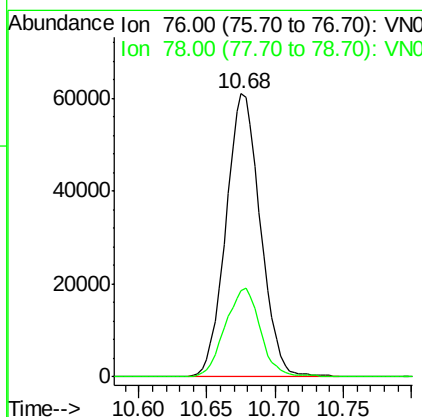
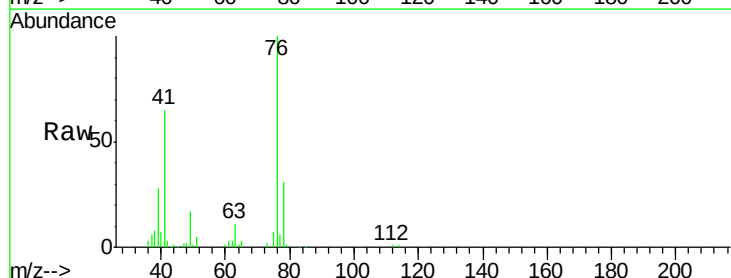
RT: 10.68 min Scan# 2779

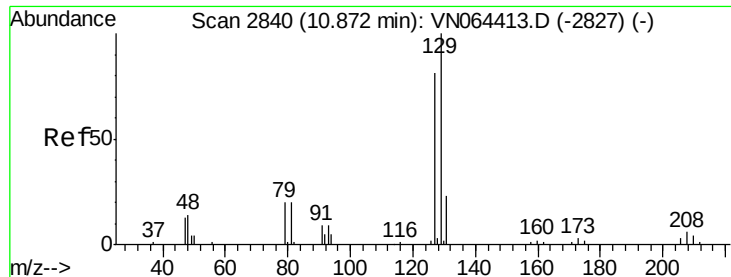
Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	76	Resp:	107002
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	65.2





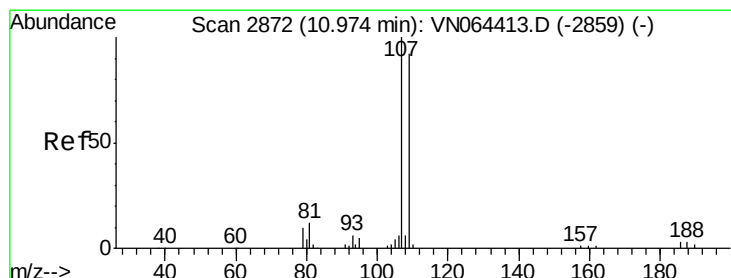
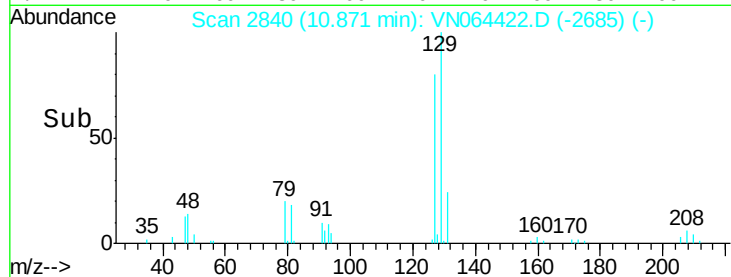
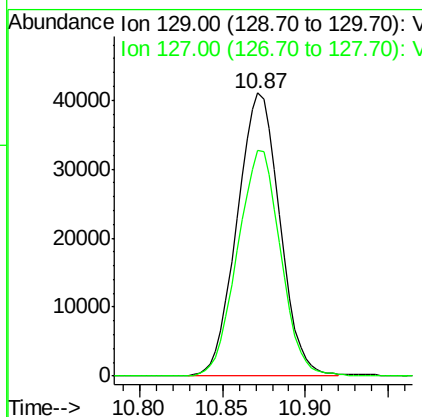
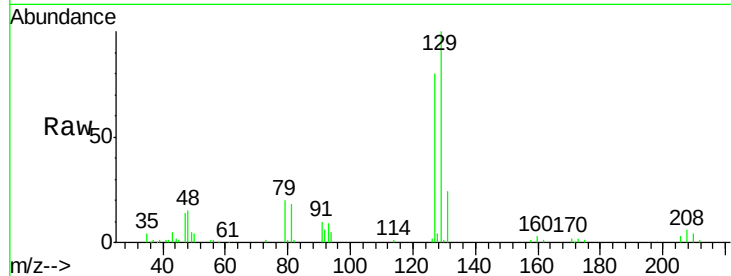
#53
 Dibromochloromethane
 Concen: 17.555 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
129	100		
127	80.3	38.6	115.7

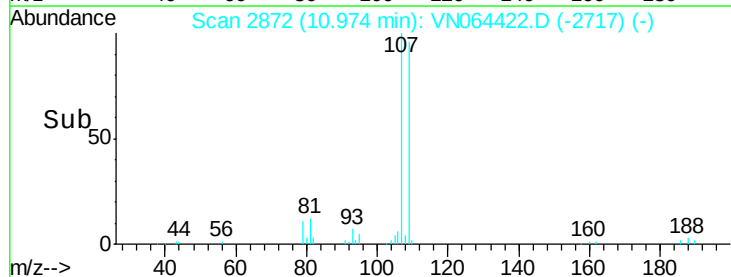
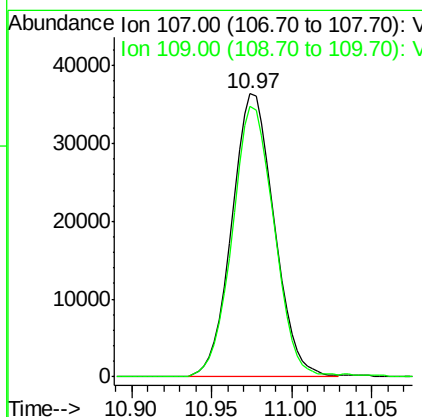
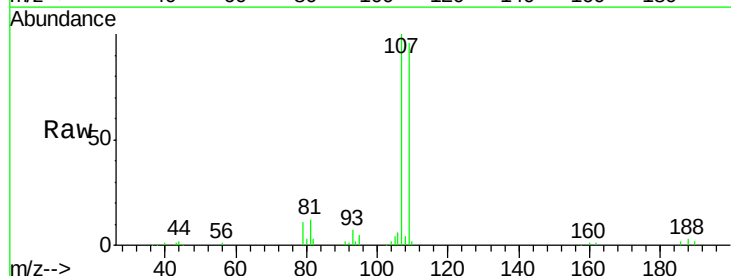
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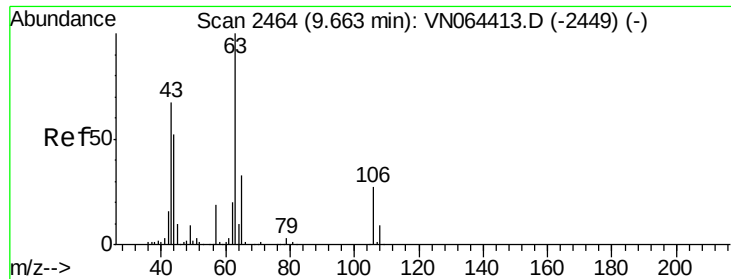
MMDadoda
 11/3/2020 2:20:57 PM



#54
 1,2-Dibromoethane
 Concen: 17.929 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.5	114.7





#55

2-Chloroethyl vinyl ether

Concen: 86.999 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

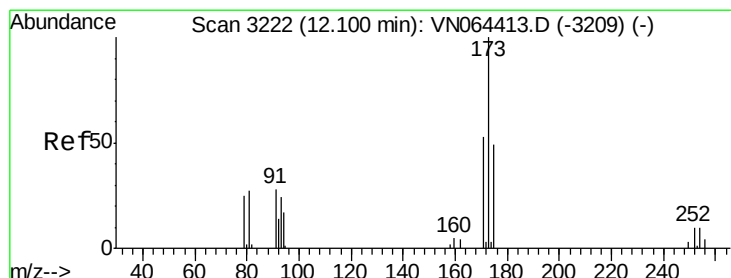
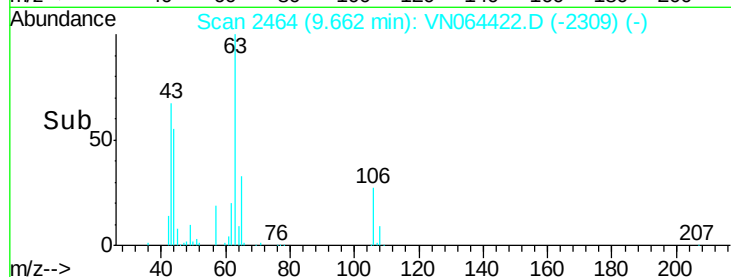
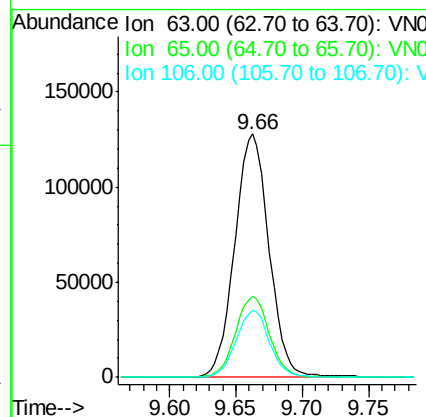
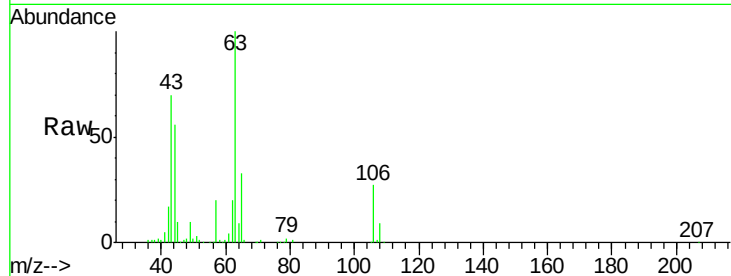
ClientSampleId :

VN1102WBSD01

Tot Ion:	63	Resp:	229741
Ion	Ratio	Lower	Upper
63	100		
65	32.9	26.2	39.4
106	26.9	21.8	32.6

Manual Integrations
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#56

Bromoform

Concen: 17.132 ug/l

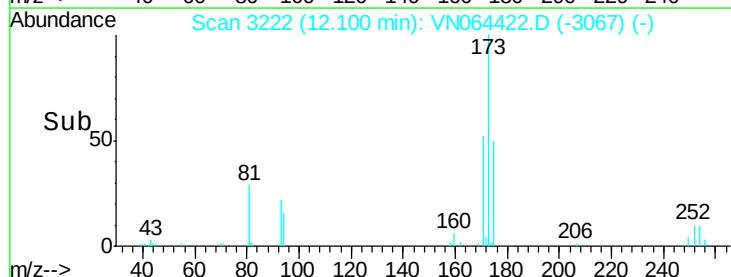
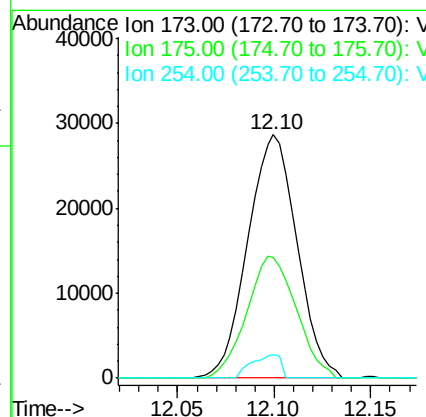
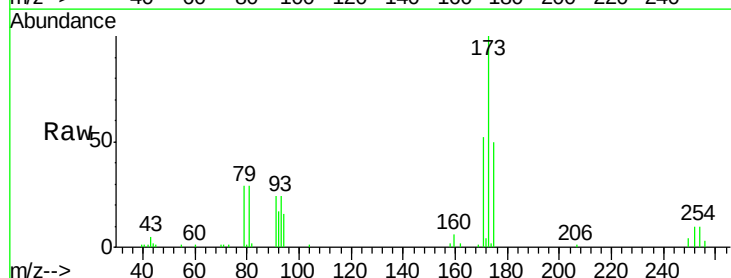
RT: 12.10 min Scan# 3222

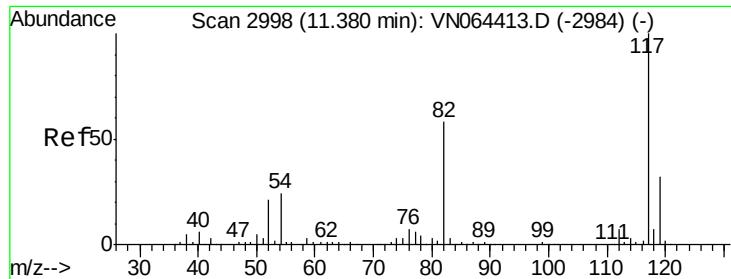
Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	173	Resp:	50767
Ion	Ratio	Lower	Upper
173	100		
175	50.3	39.0	58.4
254	5.7	7.0	10.6#





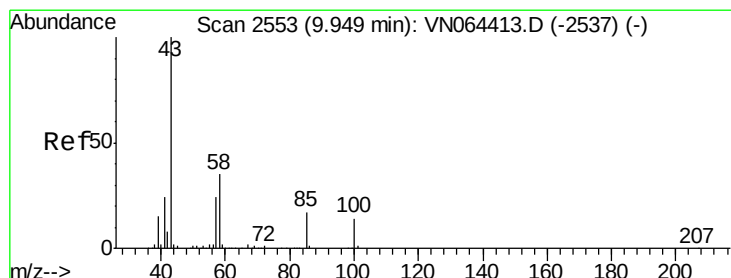
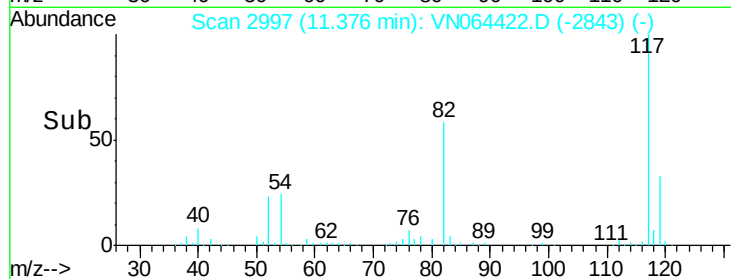
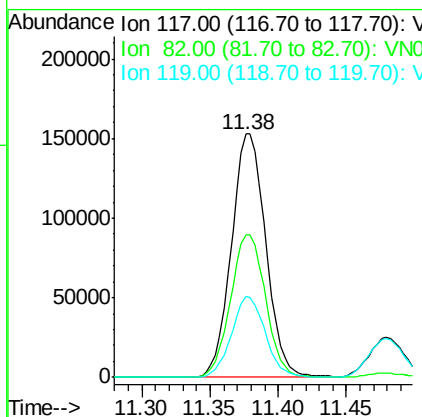
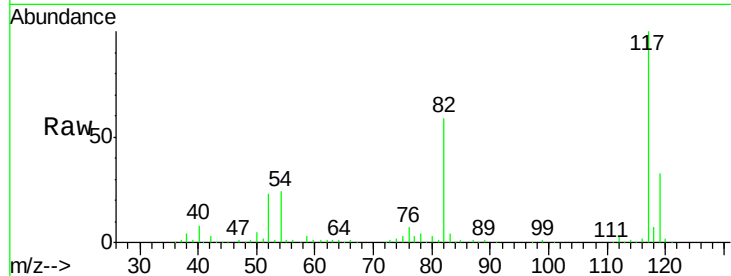
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.1	69.1
119	32.5	26.2	39.2

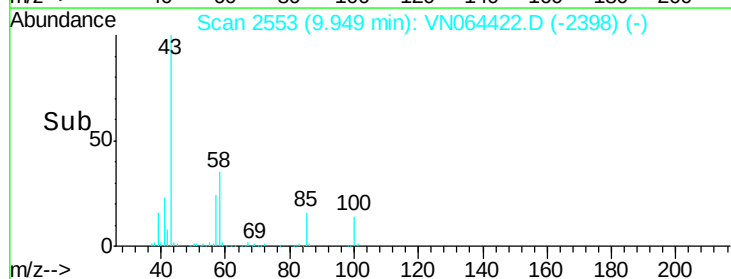
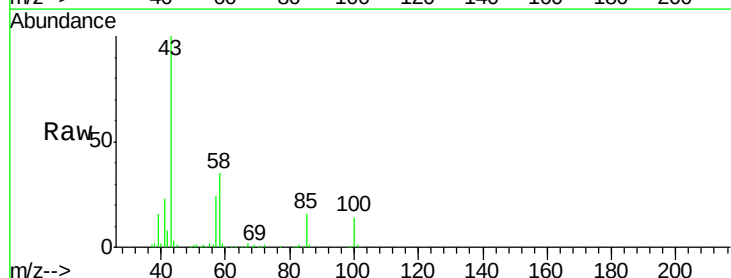
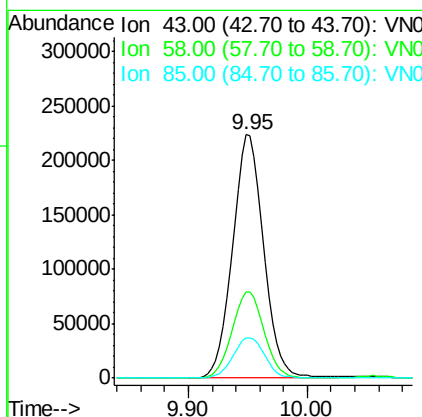
Manual Integrations
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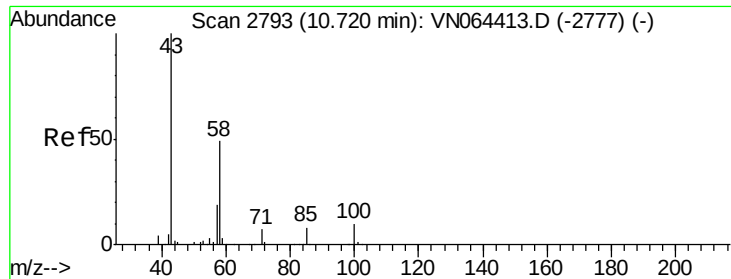
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 94.960 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.6	28.6	43.0
85	17.0	13.5	20.3





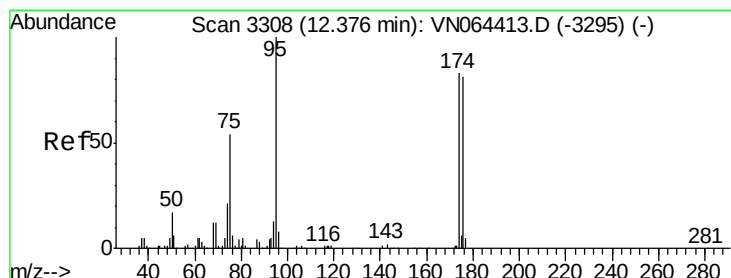
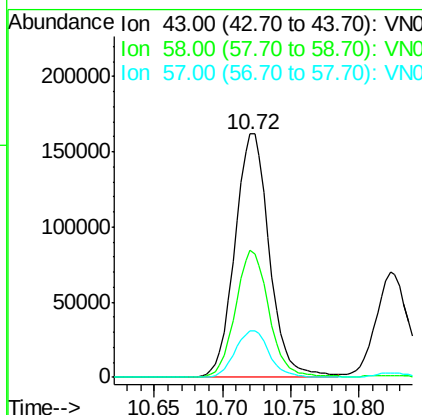
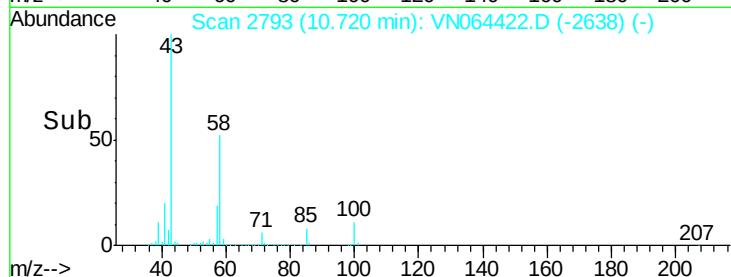
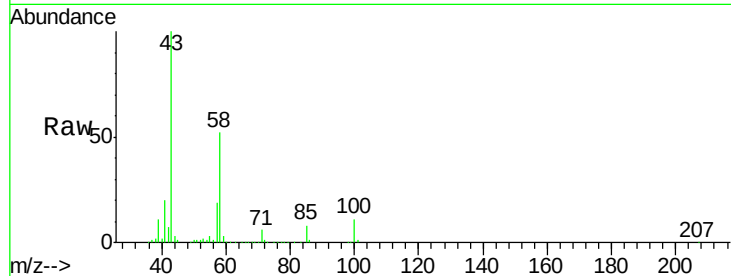
#59
2-Hexanone
Concen: 89.728 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.6	39.4	59.0
57	19.0	14.4	21.6

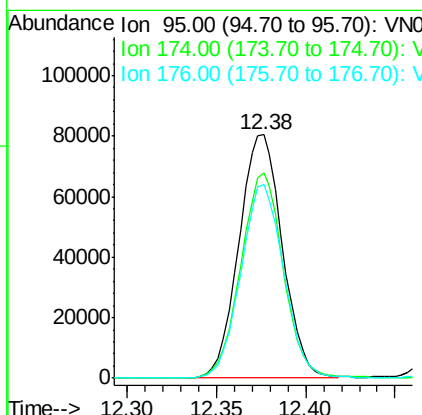
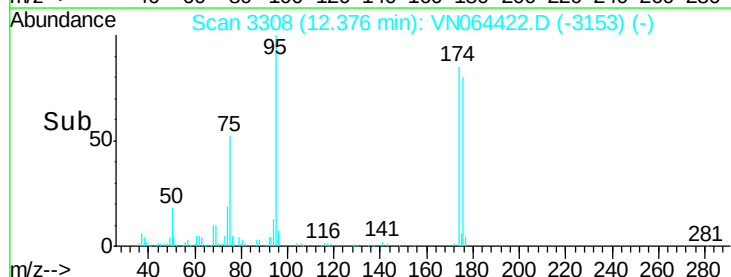
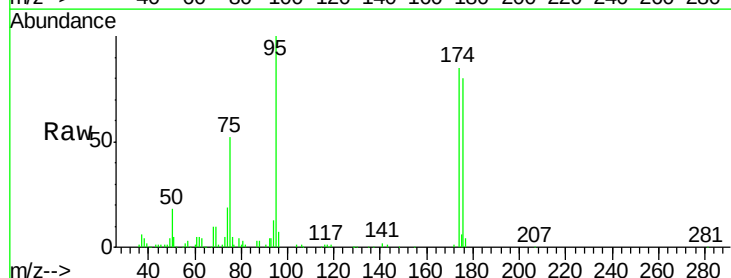
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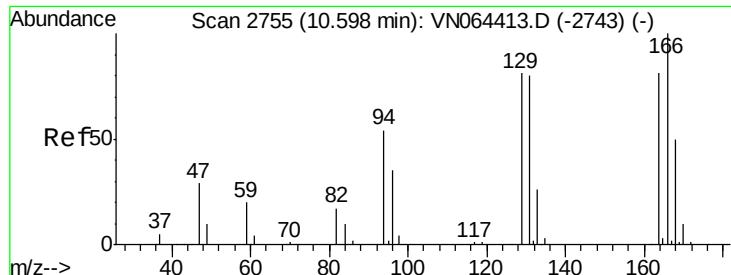
MMDadoda
11/3/2020 2:20:57 PM



#60
4-Bromofluorobenzene
Concen: 30.041 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.8	65.2	97.8
176	79.1	62.2	93.4





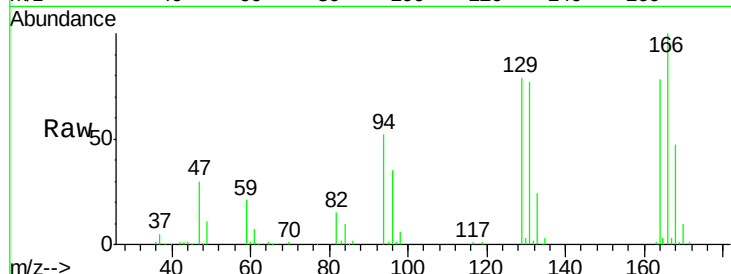
#61
Tetrachloroethene
Concen: 19.099 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.6	98.7	148.1
129	100.8	80.2	120.4
131	98.0	78.7	118.1

Manual Integrations
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MMDadoda
11/3/2020 2:20:57 PM

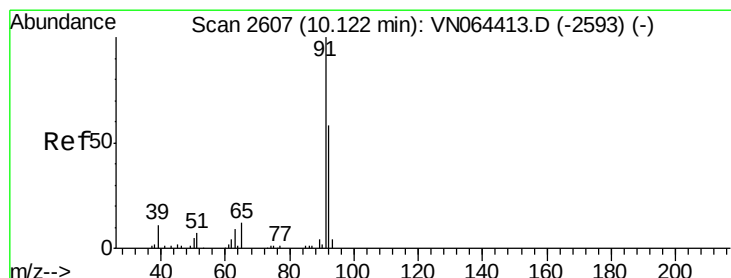
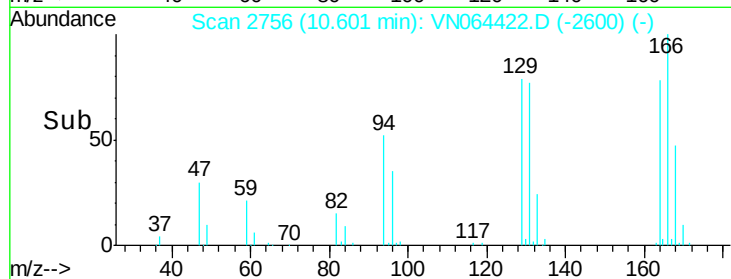
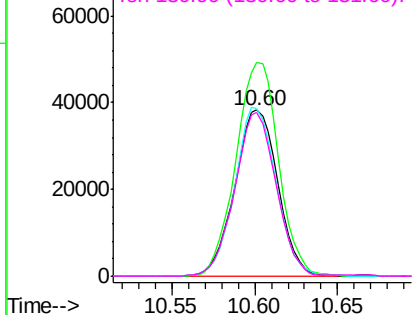


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

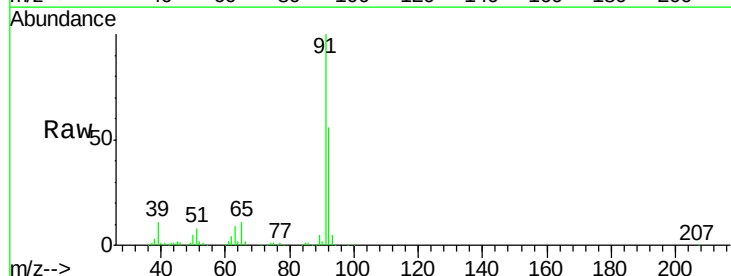
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



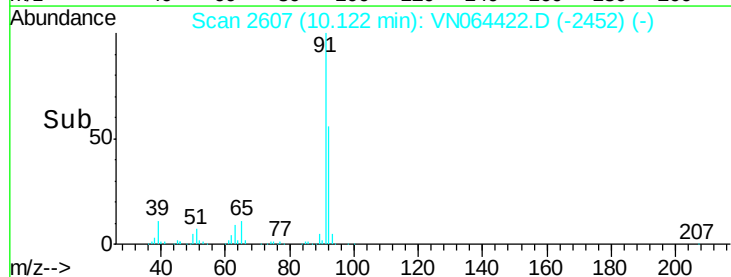
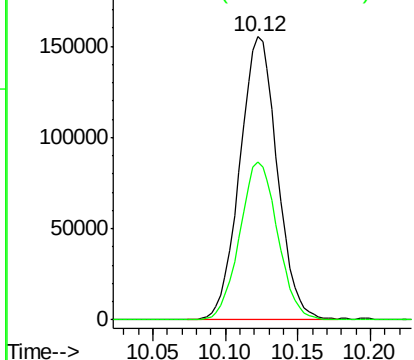
#62
Toluene
Concen: 18.602 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

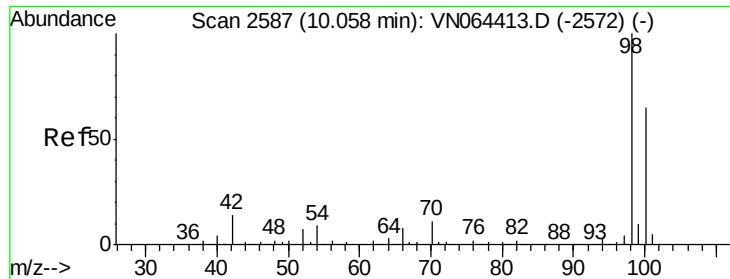
Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.3	46.2	69.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





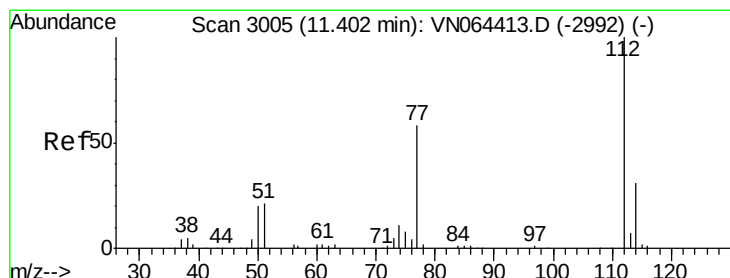
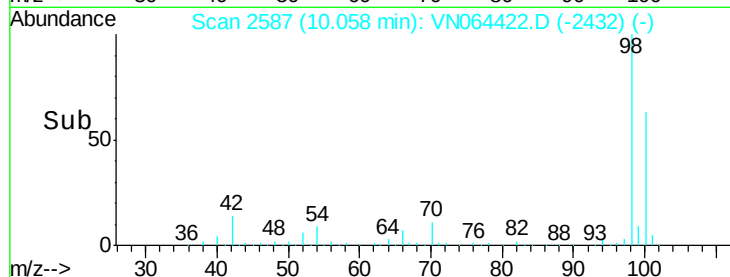
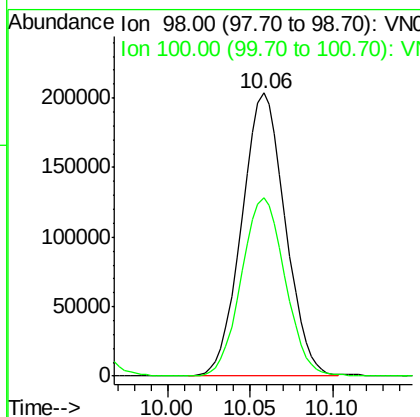
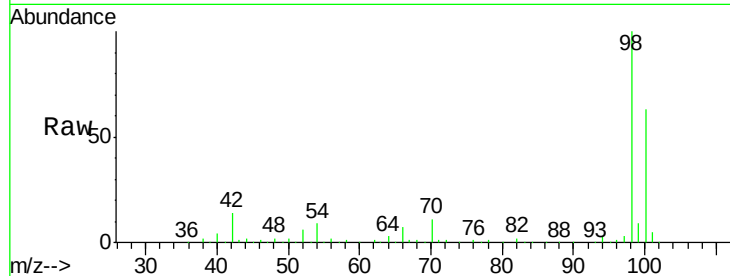
#63
Toluene-d8
Concen: 31.055 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion: 98 Resp: 371335
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

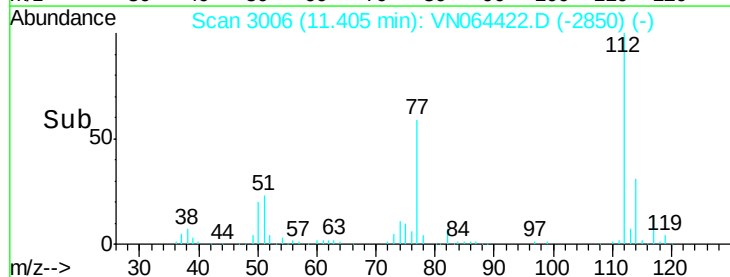
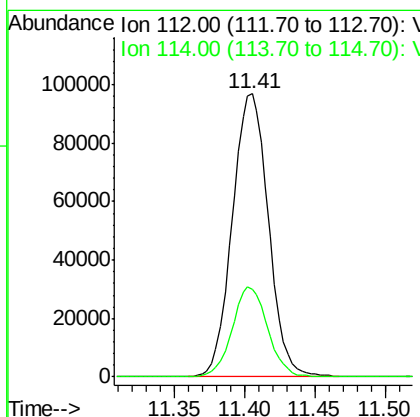
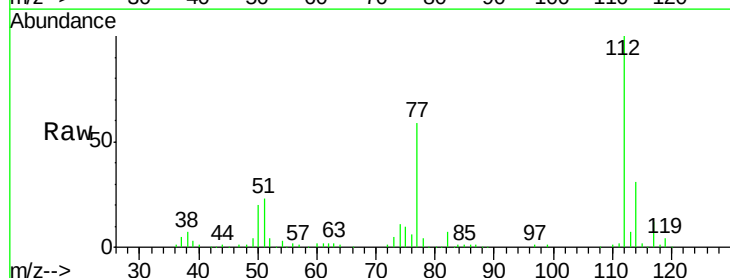
Manual Integrations
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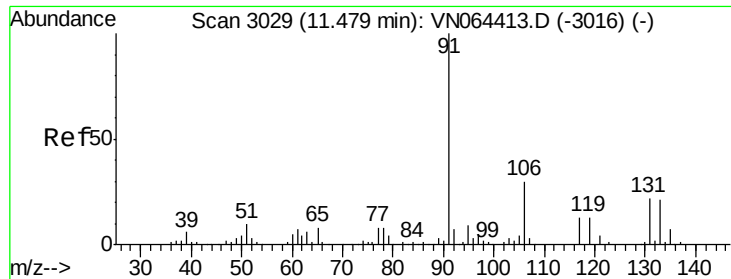
MMDadoda
11/3/2020 2:20:57 PM



#64
Chlorobenzene
Concen: 18.510 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion: 112 Resp: 174042
Ion Ratio Lower Upper
112 100
114 31.1 24.8 37.2





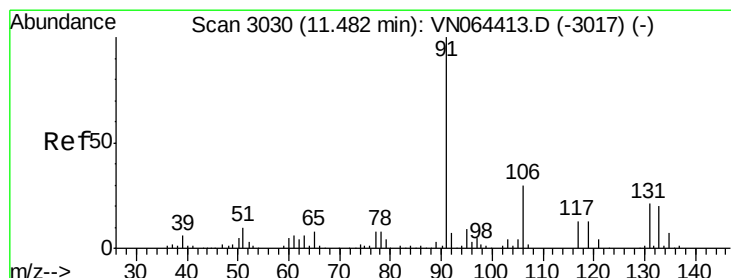
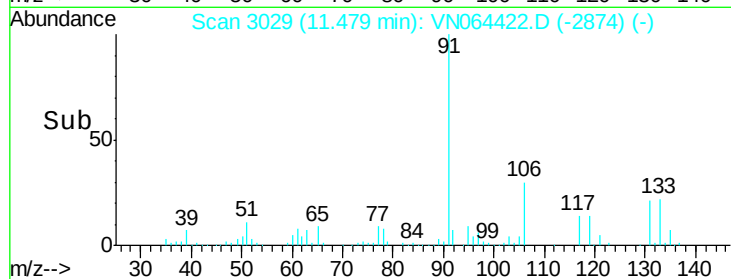
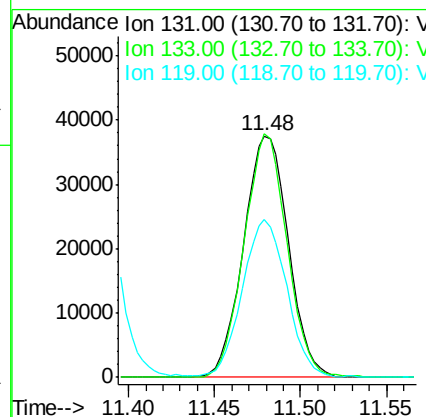
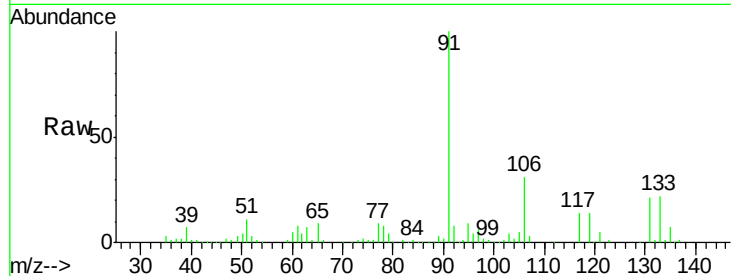
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.596 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.3	0.0	191.2
119	64.8	0.0	125.6

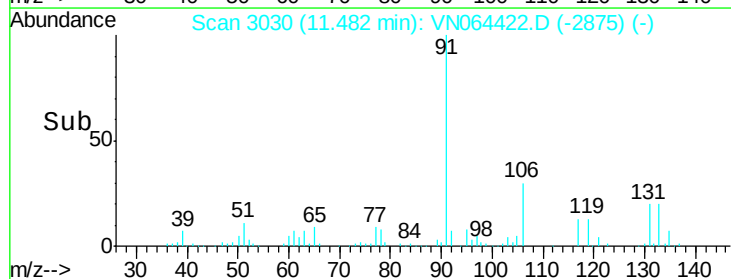
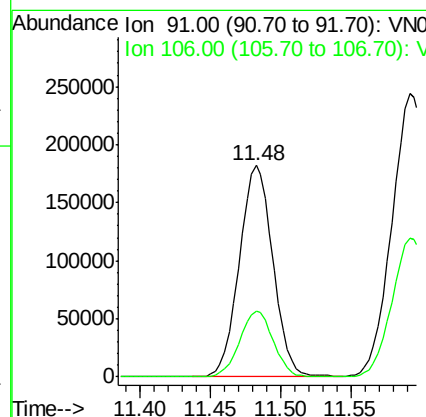
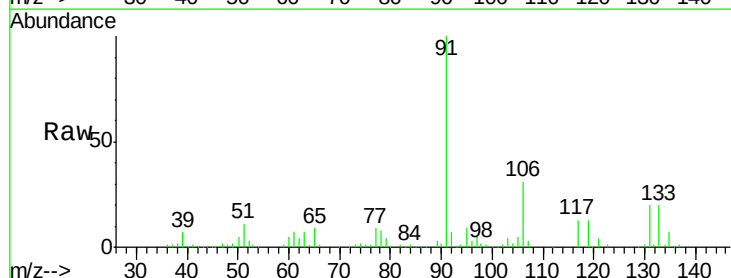
Manual Integrations
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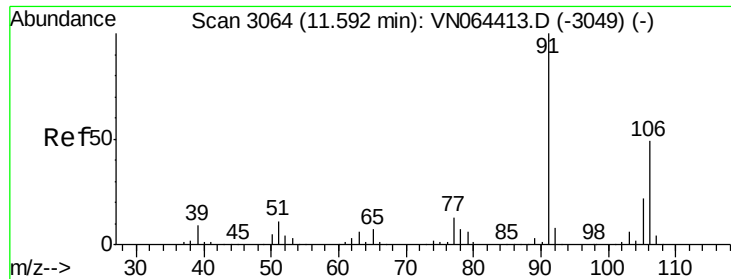
MMDadoda
 11/3/2020 2:20:57 PM



#66
 Ethyl Benzene
 Concen: 18.379 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	23.9	35.9





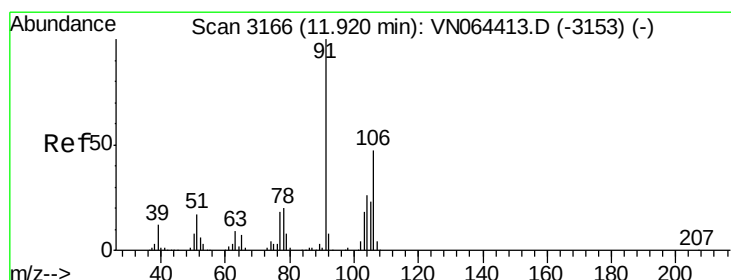
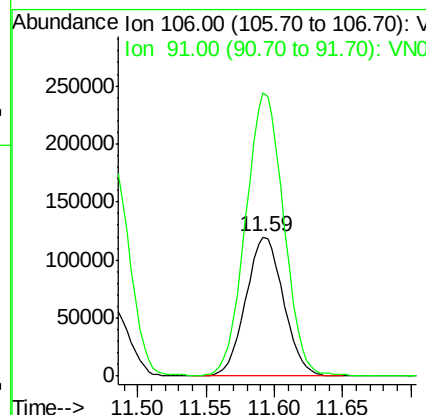
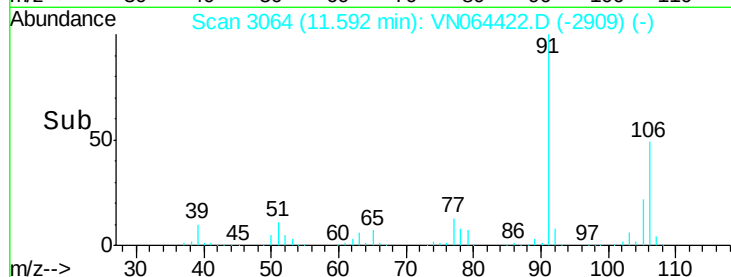
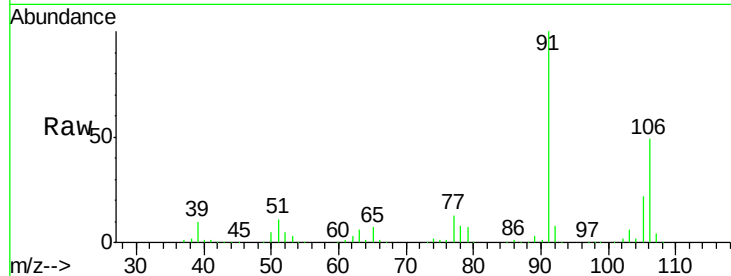
#67
m/p-Xylenes
Concen: 36.977 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion:106 Resp: 230504
Ion Ratio Lower Upper
106 100
91 204.1 166.8 250.2

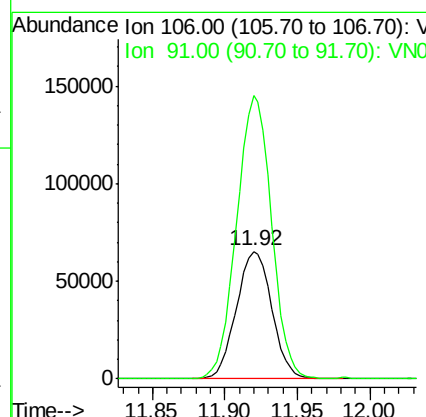
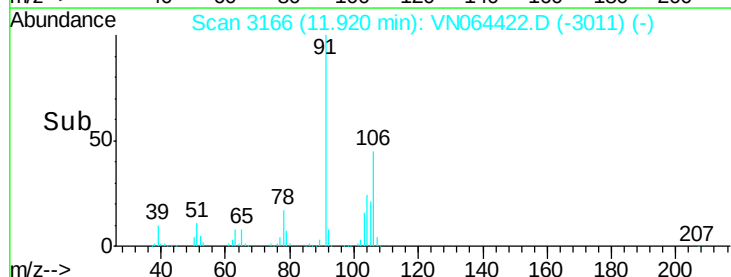
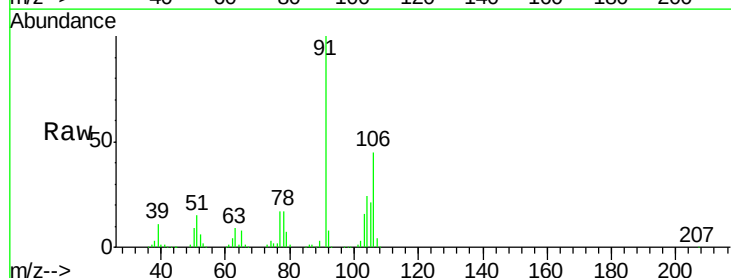
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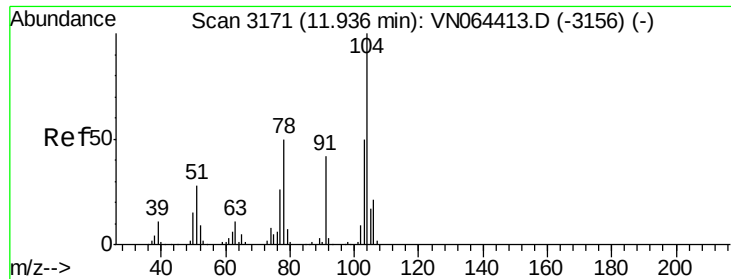
MMDadoda
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#68
o-Xylene
Concen: 18.540 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion:106 Resp: 111376
Ion Ratio Lower Upper
106 100
91 217.9 106.7 320.1





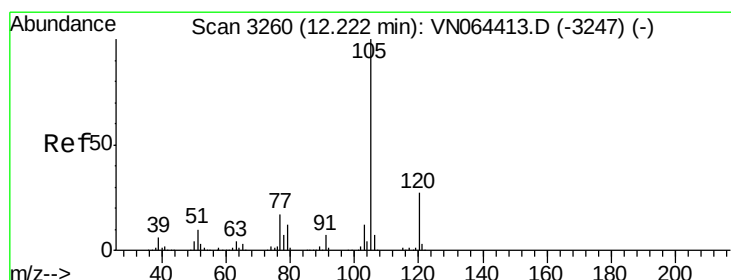
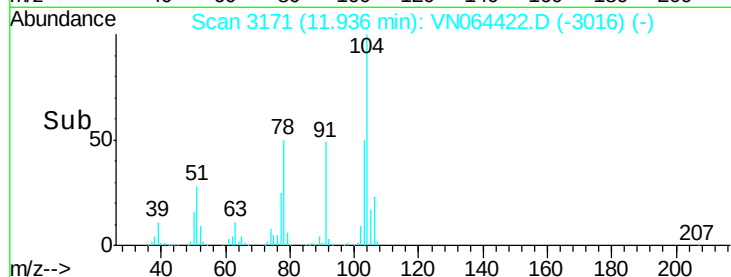
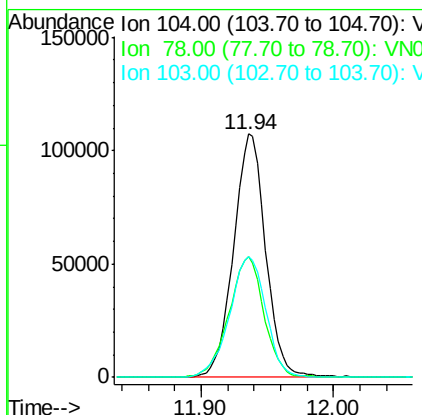
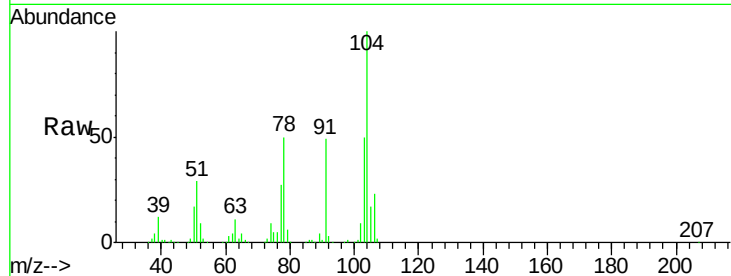
#69
Stvrene
Concen: 18.005 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	180347		
78	54.3		44.3	66.5
103	56.1		43.5	65.3

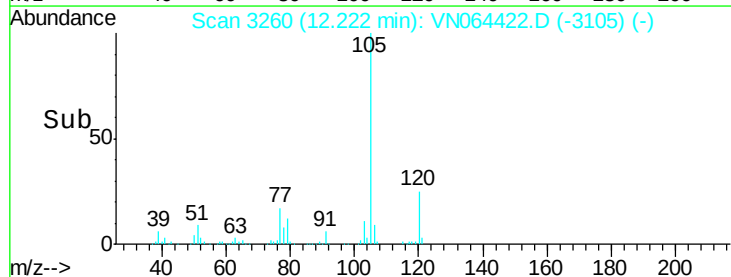
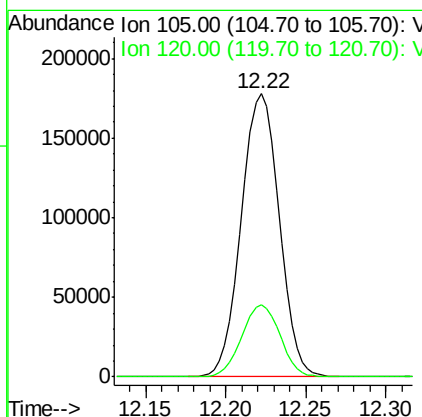
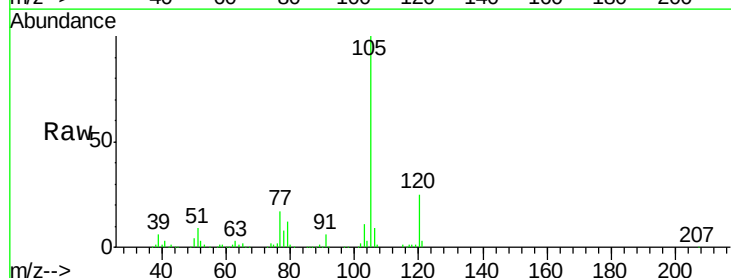
Manual Integrations
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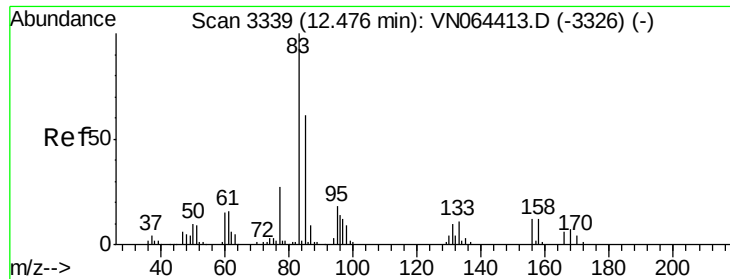
MMDadoda
11/3/2020 2:20:57 PM



#70
Isopropylbenzene
Concen: 18.523 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	287867		
120	25.6		18.0	33.4





#71

1,1,2,2-Tetrachloroethane

Concen: 18.761 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

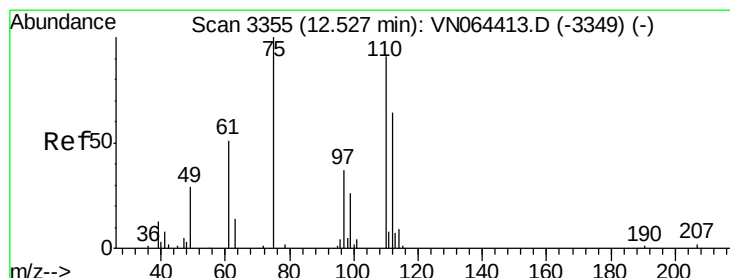
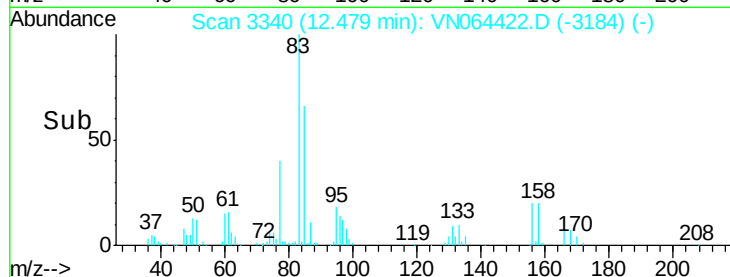
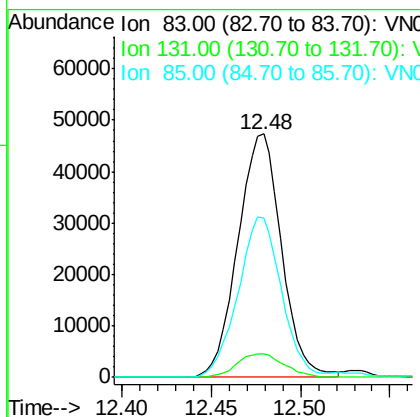
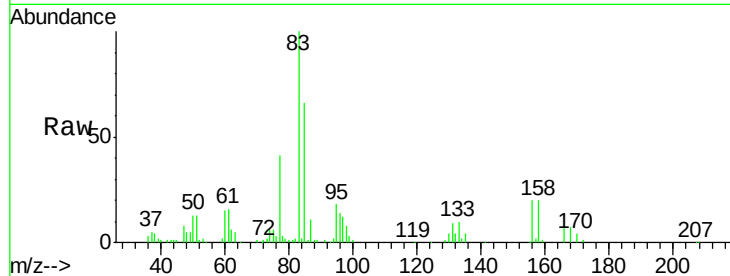
ClientSampleId :

VN1102WBSD01

Tot Ion:	83	Resp:	81081
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	65.5	30.9	92.7

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#72

1,2,3-Trichloropropane

Concen: 17.783 ug/l m

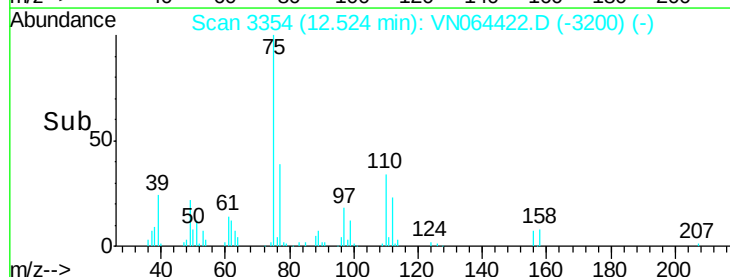
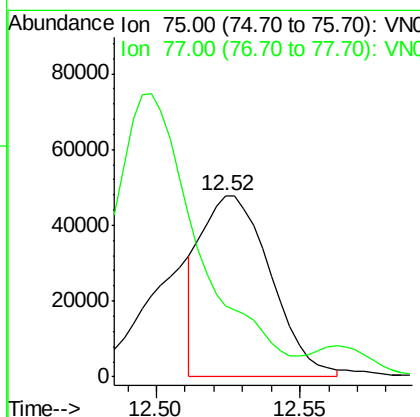
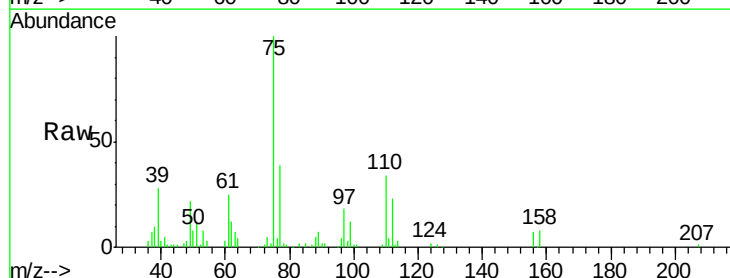
RT: 12.52 min Scan# 3354

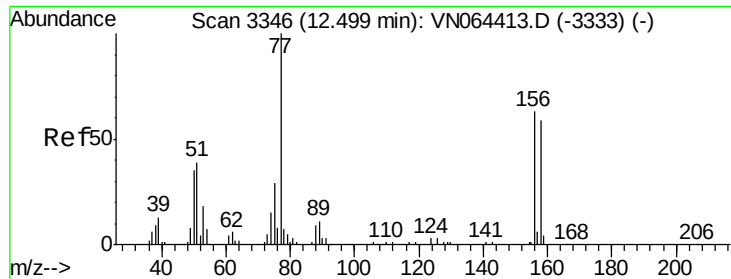
Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	75	Resp:	80241
Ion Ratio	Lower	Upper	
75	100		
77	193.7	0.0	374.2





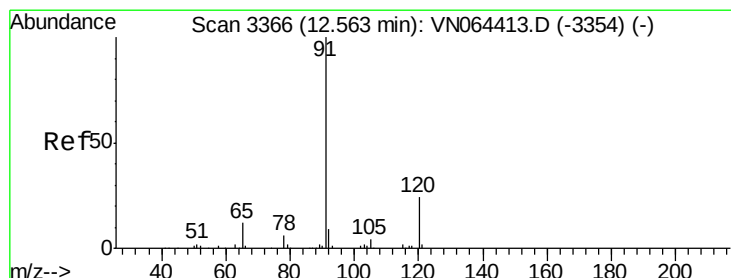
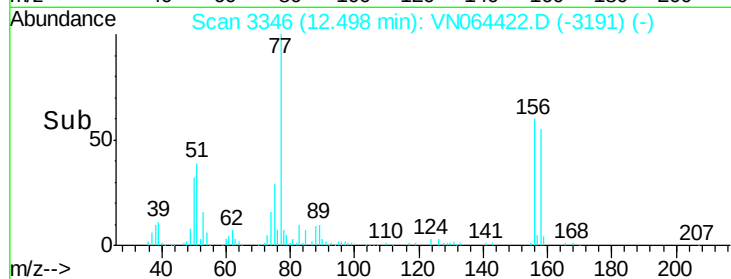
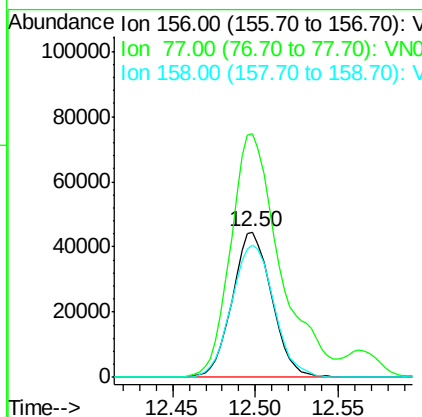
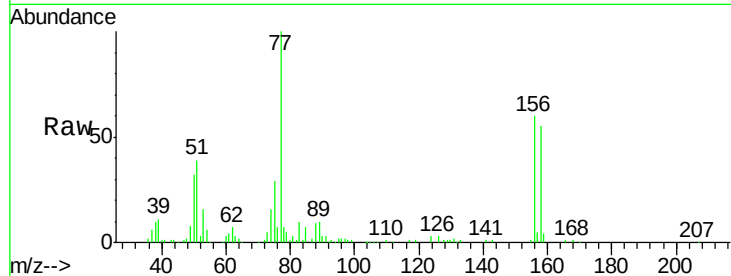
#73
Bromobenzene
Concen: 18.329 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	210.3	0.0	409.4
158	97.8	0.0	192.0

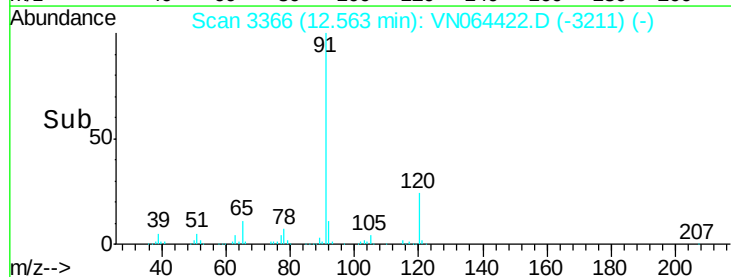
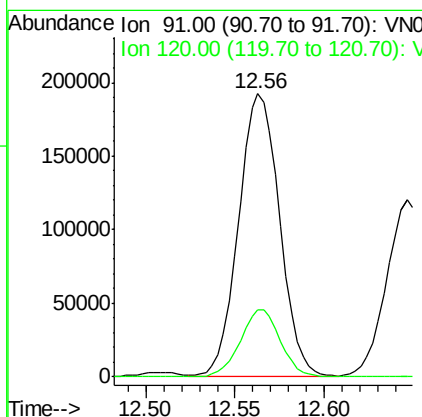
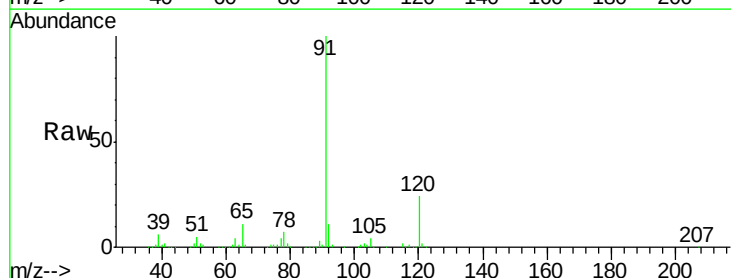
Manual Integrations
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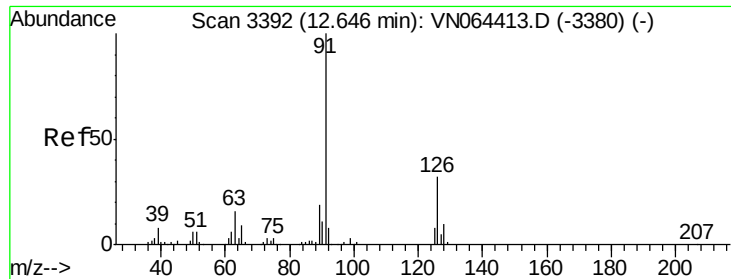
MMDadoda
11/3/2020 2:20:57 PM



#74
n-propylbenzene
Concen: 18.028 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	47.4





#75

2-Chlorotoluene

Concen: 18.202 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

ClientSampled :

VN1102WBSD01

Tot Ion: 91 Resp: 196491

Ion Ratio Lower Upper

91 100

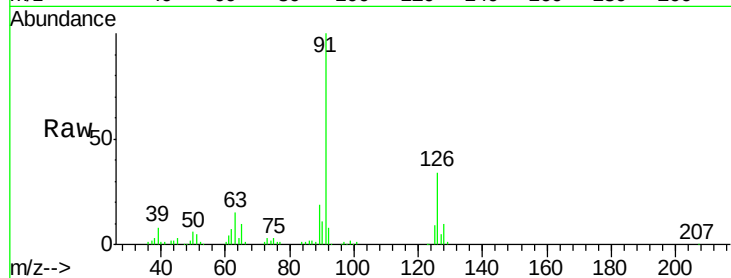
126 34.4 0.0 63.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064422.D (-3237) (-)

Ion 126.00 (125.70 to 126.70): VN064422.D (-3237) (-)

150000

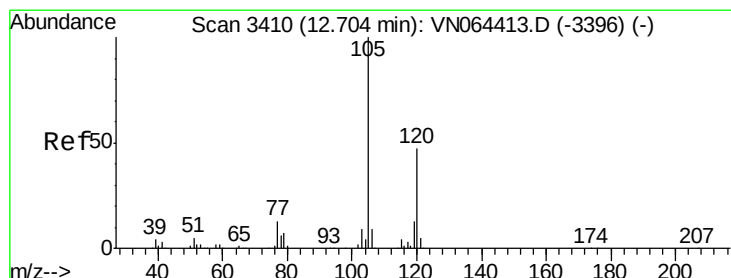
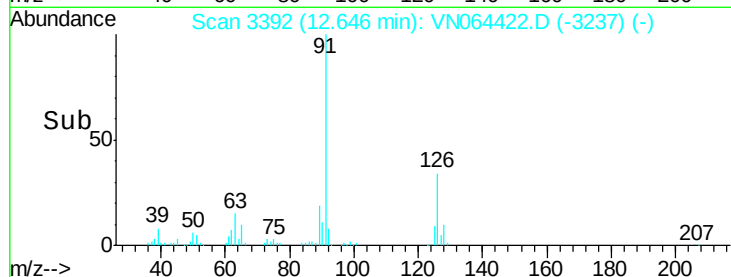
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.475 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064422.D

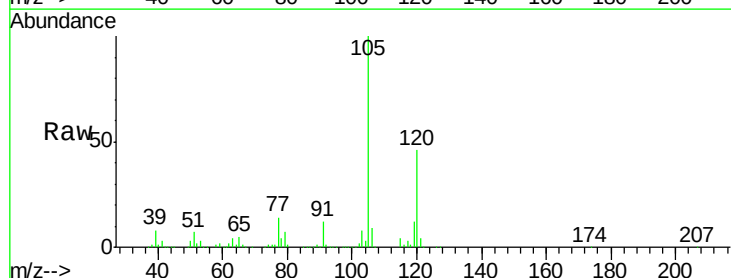
Acq: 2 Nov 2020 18:24

Tgt Ion: 105 Resp: 236517

Ion Ratio Lower Upper

105 100

120 46.6 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064422.D (-3255) (-)

Ion 120.00 (119.70 to 120.70): VN064422.D (-3255) (-)

150000

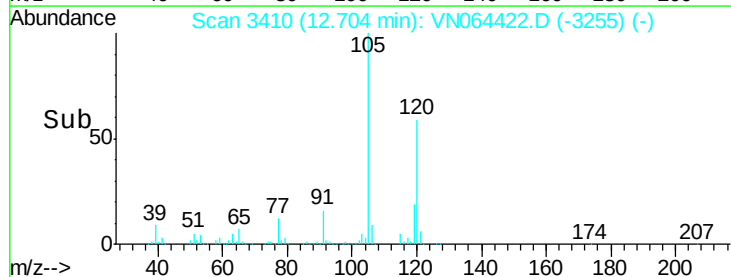
100000

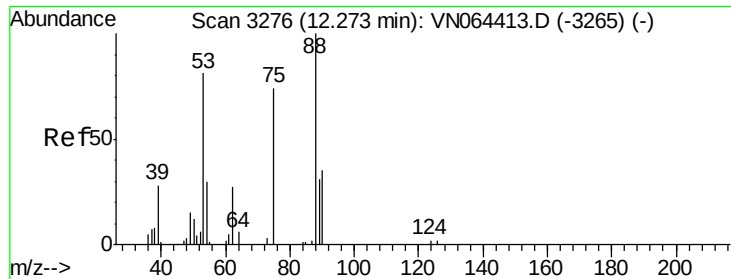
50000

0

12.65 12.70 12.75

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.282 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

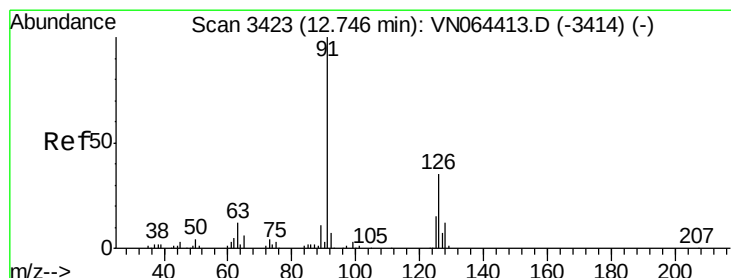
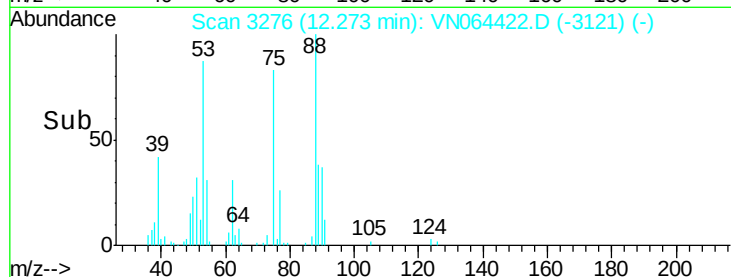
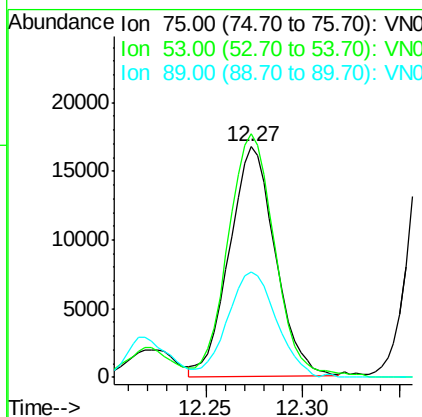
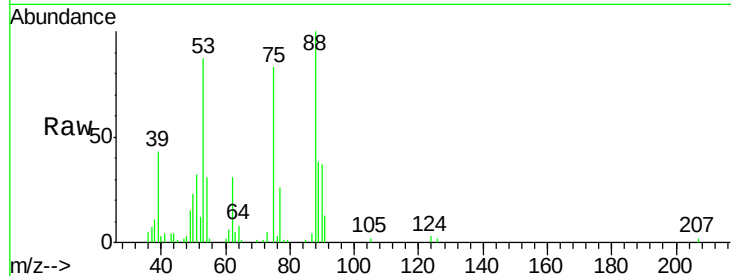
ClientSampleId :

VN1102WBSD01

Tot Ion:	75	Resp:	27491
Ion	Ratio	Lower	Upper
75	100		
53	105.0	54.1	162.4
89	46.3	23.1	69.3

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#78

4-Chlorotoluene

Concen: 18.161 ug/l

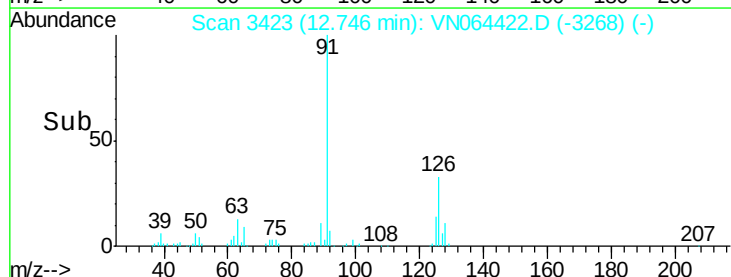
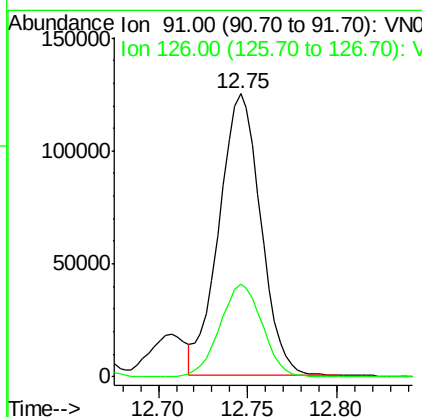
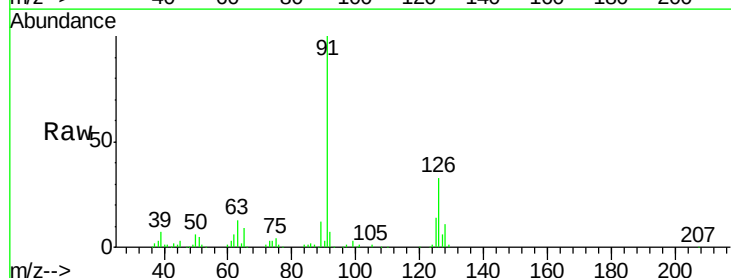
RT: 12.75 min Scan# 3423

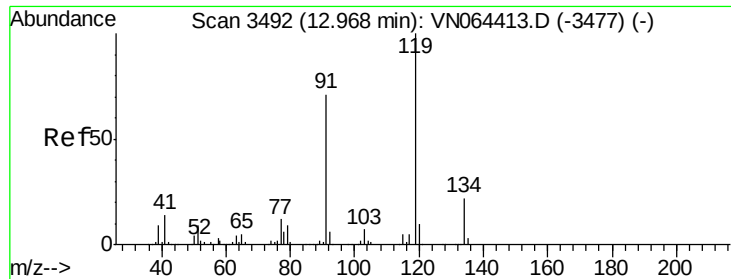
Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	91	Resp:	202548
Ion	Ratio	Lower	Upper
91	100		
126	33.7	0.0	63.2





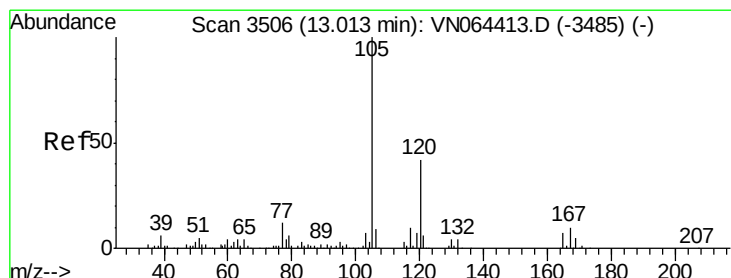
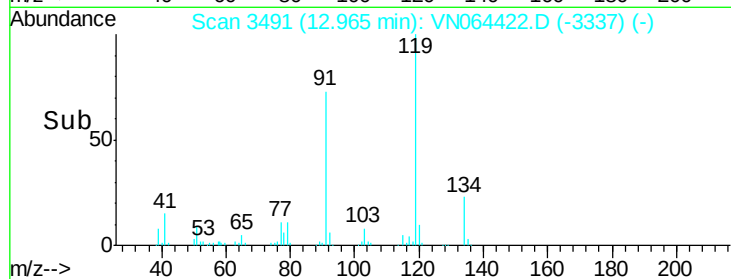
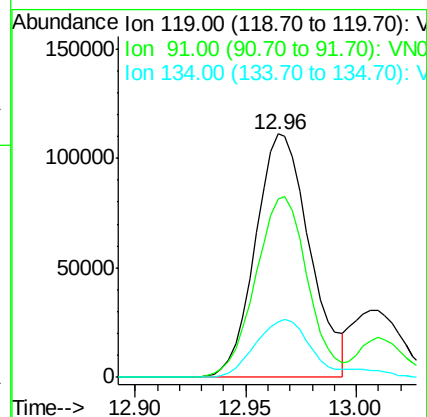
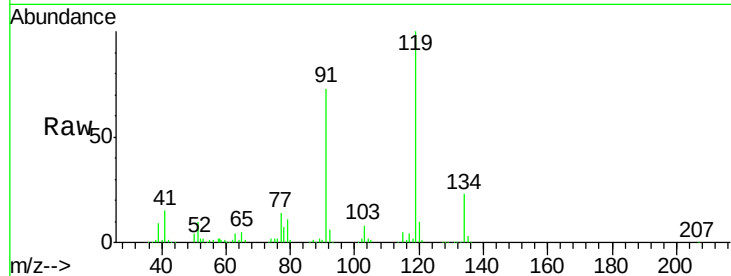
#79
tert-butylbenzene
Concen: 18.492 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	189348		
91	71.2	0.0	140.4	
134	24.6	0.0	46.2	

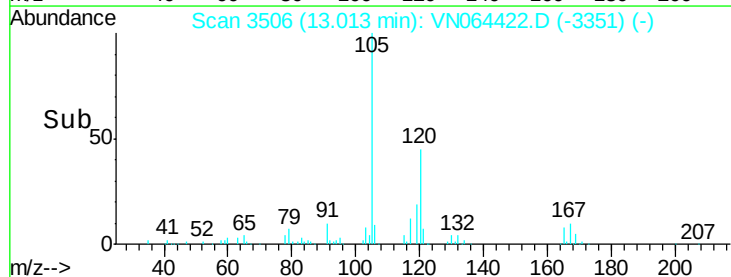
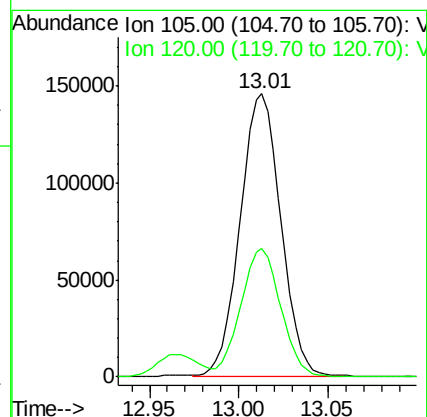
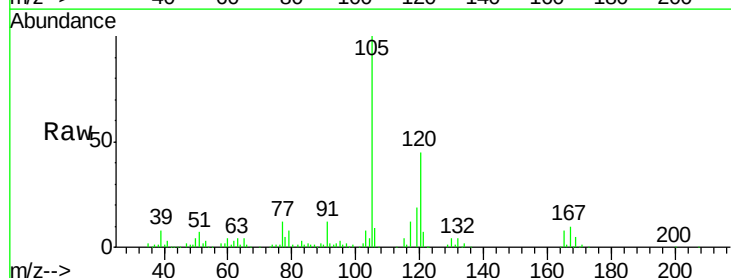
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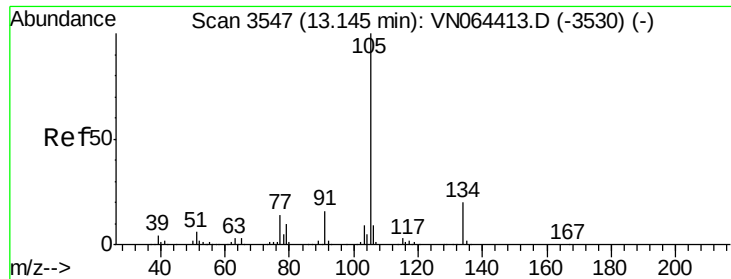
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#80
1,2,4-Trimethylbenzene
Concen: 17.947 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232798		
120	44.8	0.0	88.0	





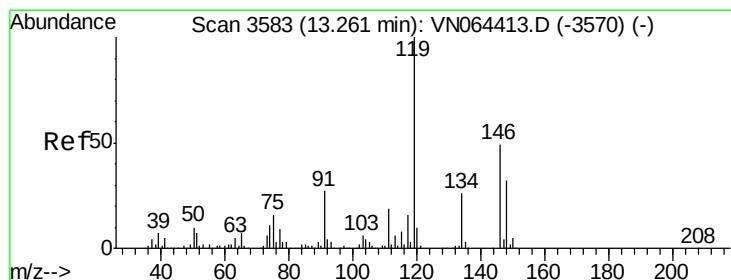
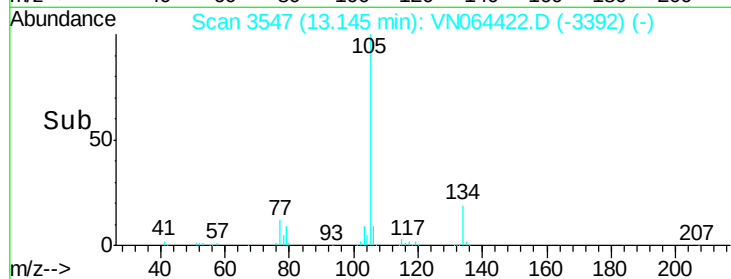
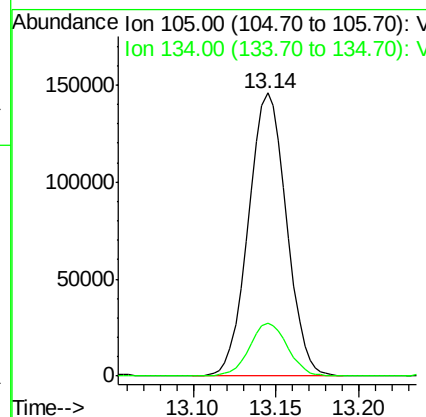
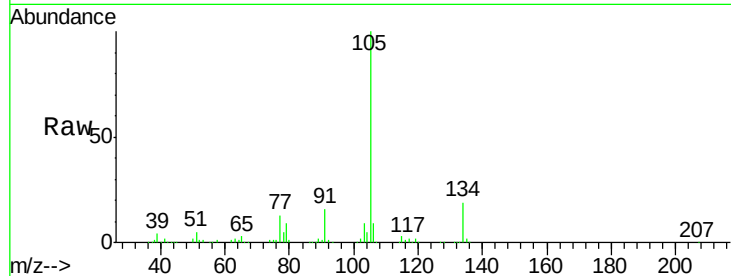
#81
 sec-Butylbenzene
 Concen: 17.933 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	0.0	39.2

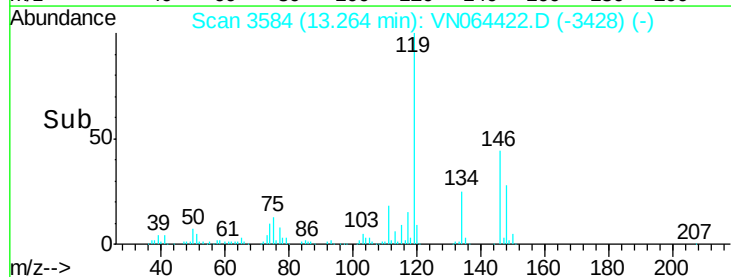
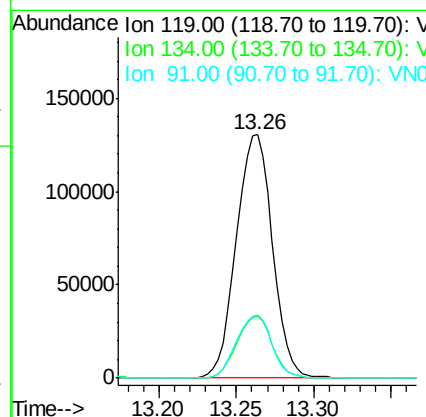
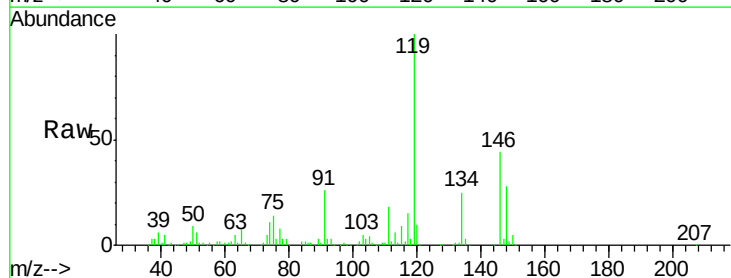
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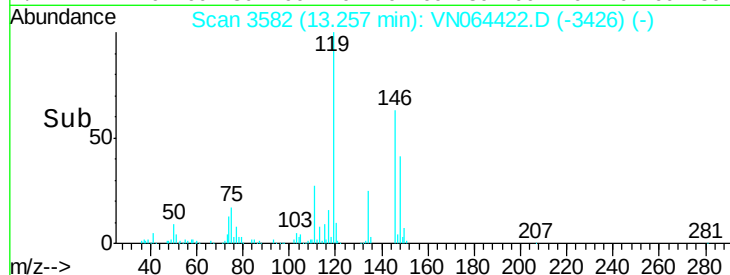
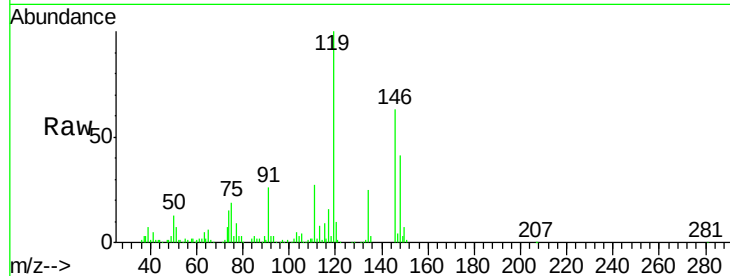
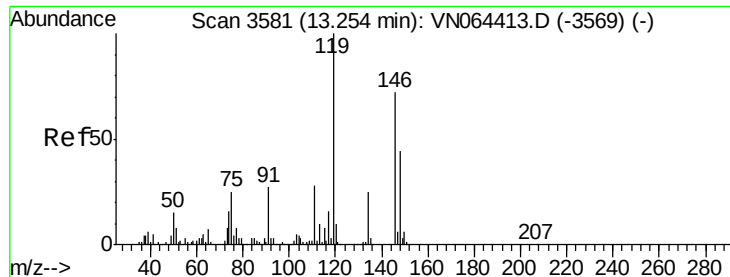
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#82
 p-Isopropyltoluene
 Concen: 17.879 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.5	0.0	51.0
91	25.5	0.0	51.4





#83

1,3-Dichlorobenzene

Concen: 17.588 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tot Ion:	146	Resp:	120490
Ion Ratio	Lower	Upper	
146	100		
111	42.8	20.5	61.6
148	63.9	31.9	95.5

Instrument :

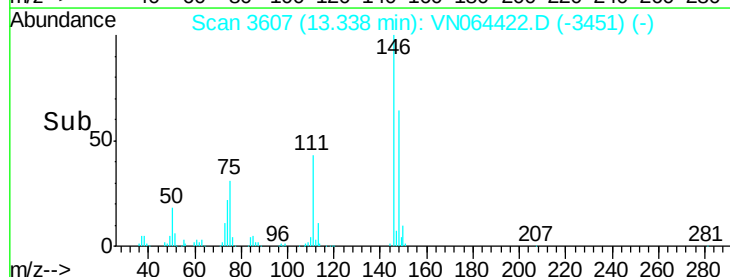
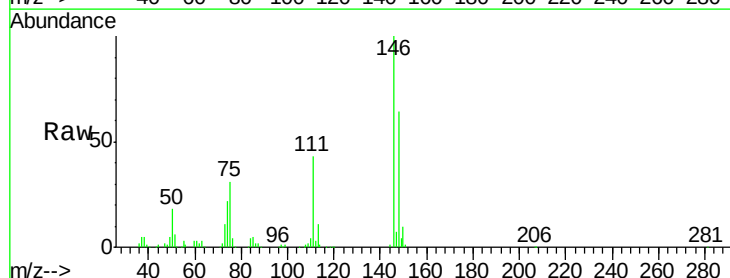
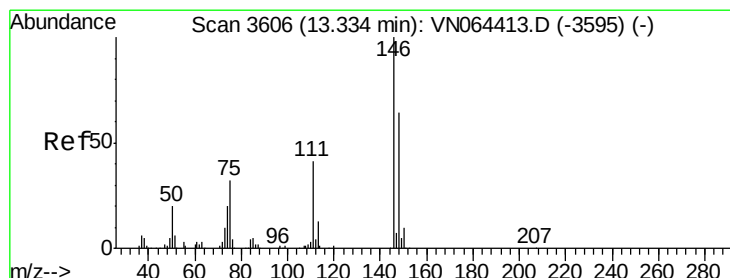
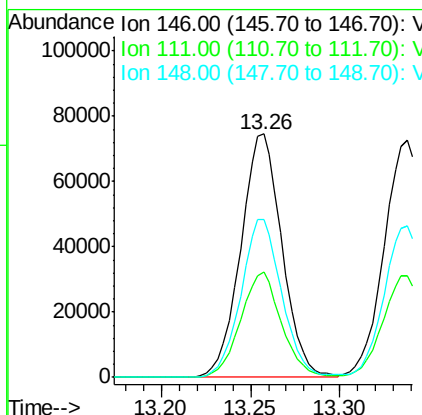
MSVOA_N

ClientSampleId :

VN1102WBSD01

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#84

1,4-Dichlorobenzene

Concen: 17.281 ug/l

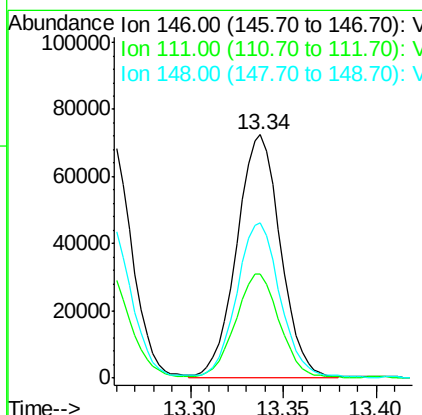
RT: 13.34 min Scan# 3607

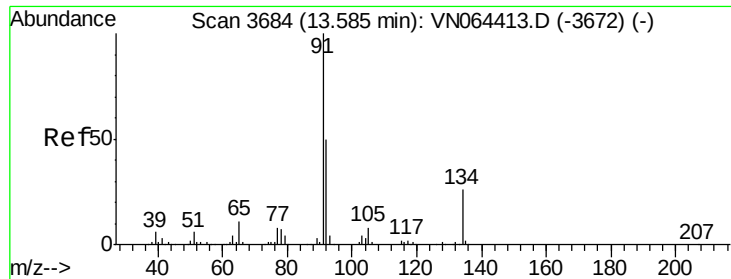
Delta R.T. 0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	146	Resp:	119245
Ion Ratio	Lower	Upper	
146	100		
111	43.1	19.9	59.6
148	60.8	31.9	95.5





#85

n-Butylbenzene

Concen: 17.217 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Instrument :

MSVOA_N

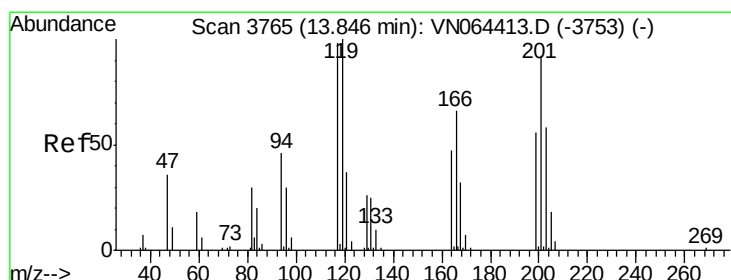
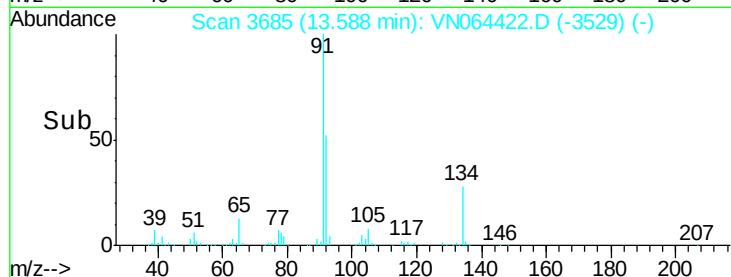
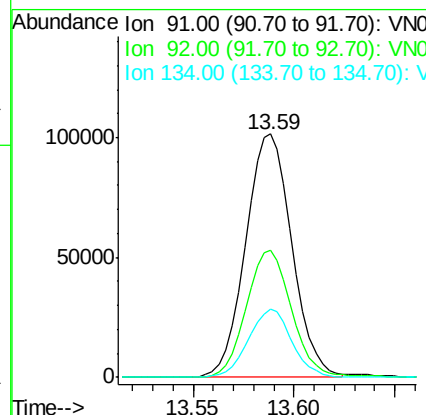
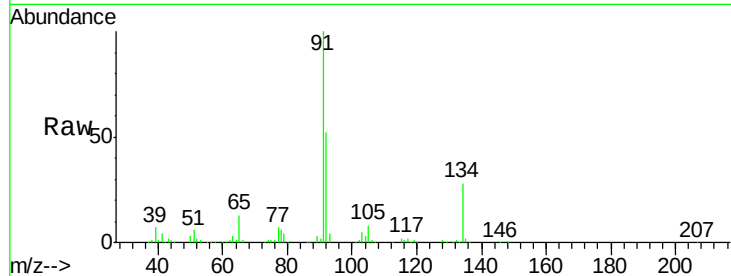
ClientSampleId :

VN1102WBSD01

Tot Ion:	91	Resp:	163095
Ion Ratio	Lower	Upper	
91	100		
92	51.0	0.0	99.4
134	26.3	0.0	50.0

Manual Integrations
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#86

Hexachloroethane

Concen: 18.171 ug/l

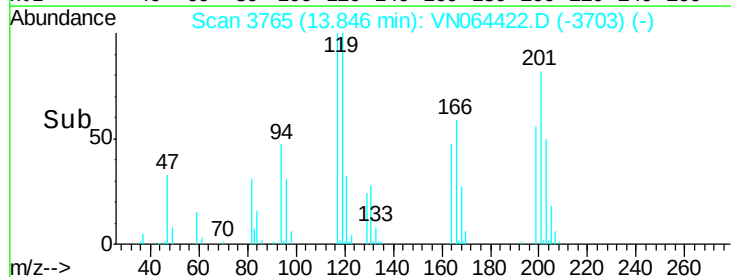
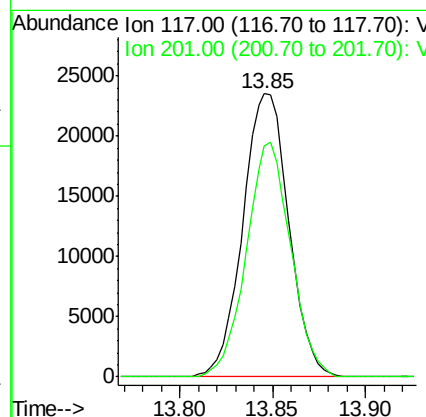
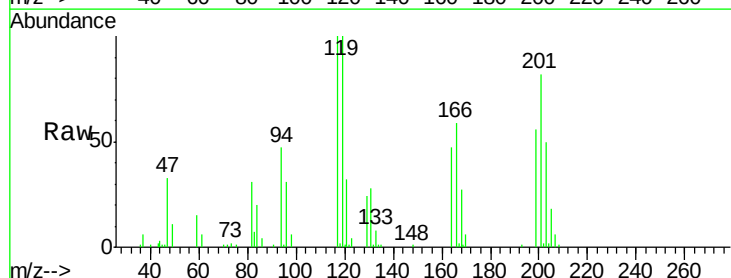
RT: 13.85 min Scan# 3765

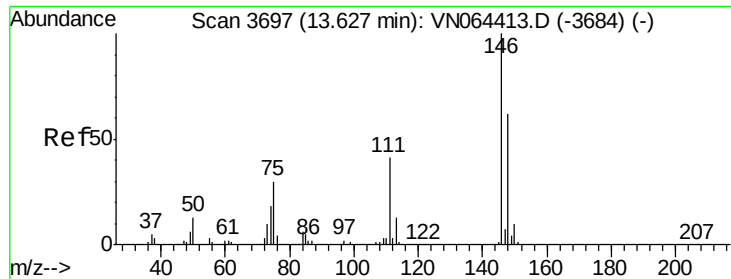
Delta R.T. -0.00 min

Lab File: VN064422.D

Acq: 2 Nov 2020 18:24

Tgt Ion:	117	Resp:	40440
Ion Ratio	Lower	Upper	
117	100		
201	79.8	42.7	128.1





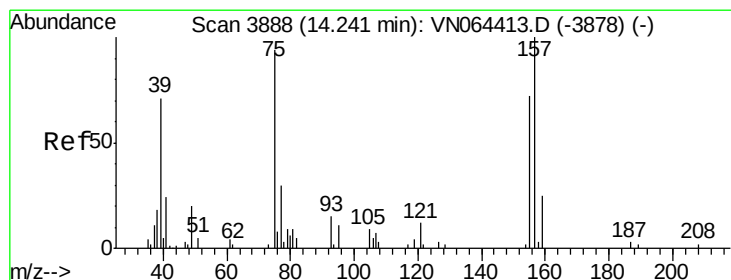
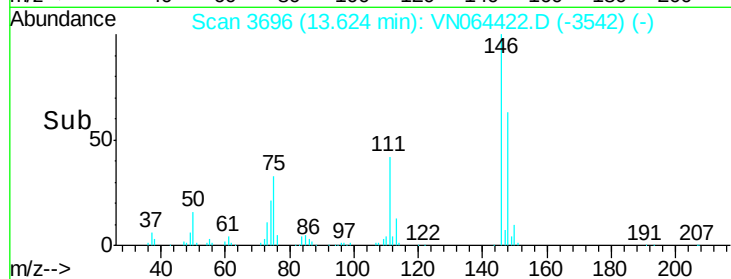
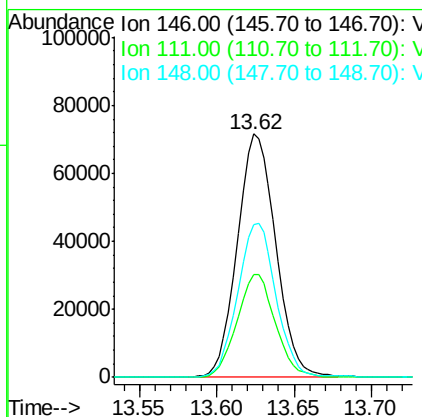
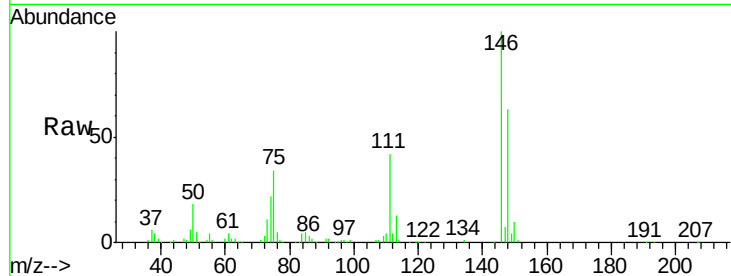
#87
 1,2-Dichlorobenzene
 Concen: 18.747 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	64.0
148	63.1	31.7	95.1

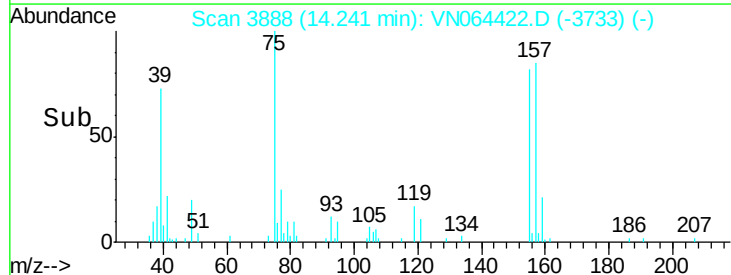
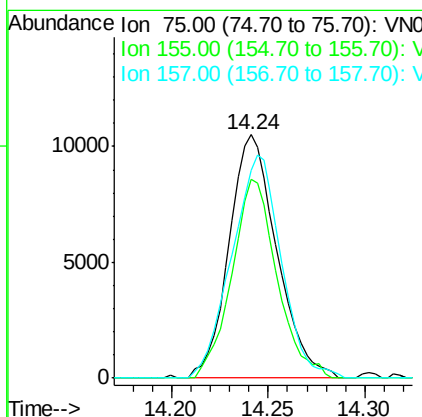
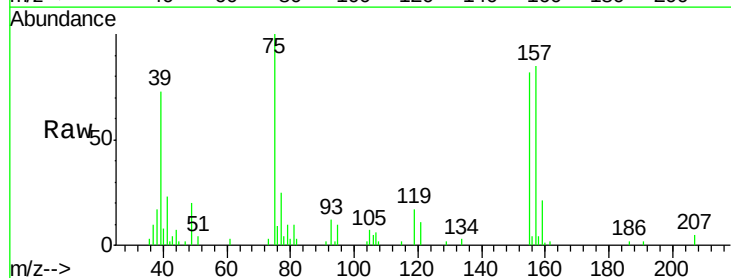
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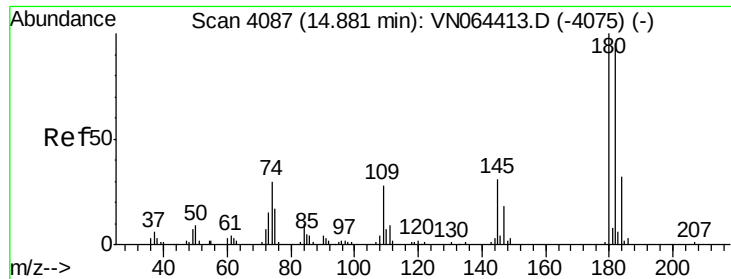
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.377 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.1	66.2	99.2
157	95.1	82.7	124.1





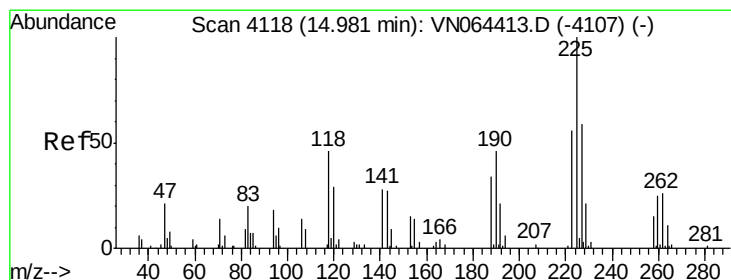
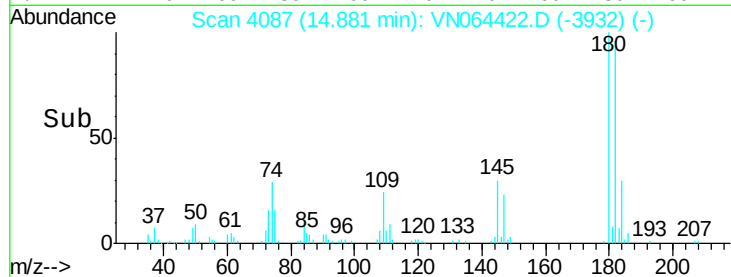
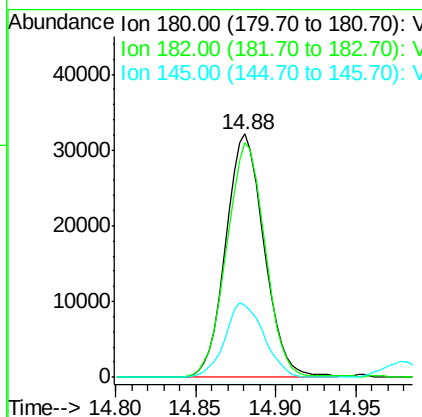
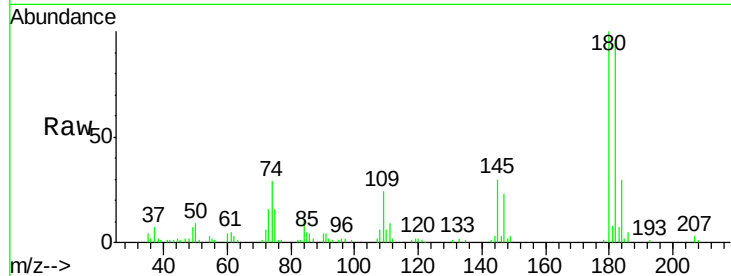
#89
 1,2,4-Trichlorobenzene
 Concen: 16.304 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	72.6	108.8
145	31.0	24.3	36.5

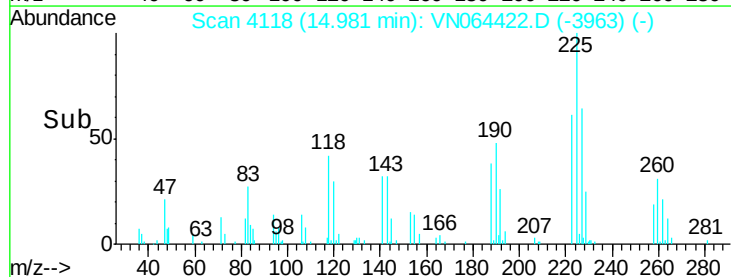
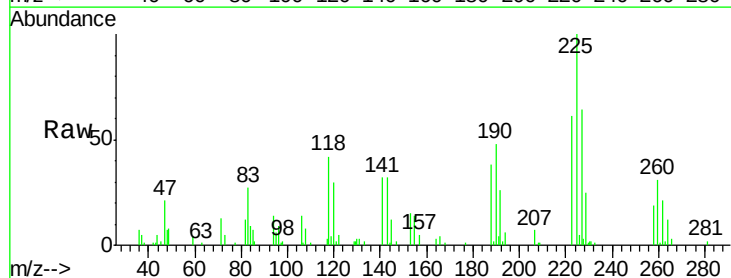
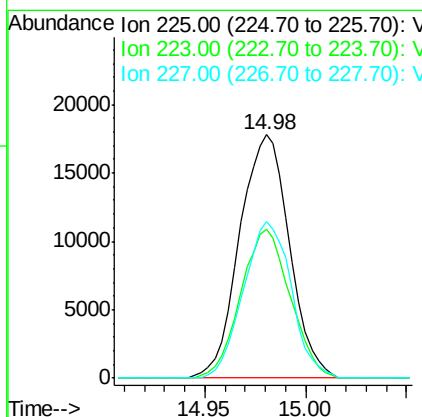
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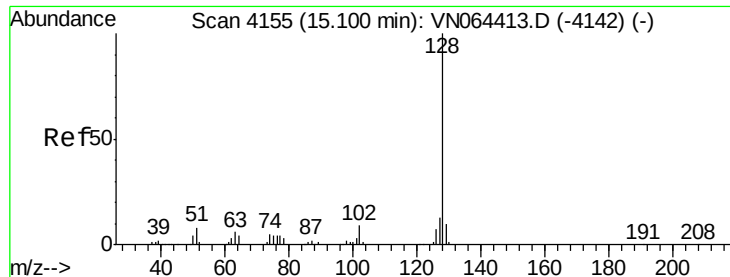
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 11/3/2020 2:20:57 PM



#90
 Hexachlorobutadiene
 Concen: 17.878 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064422.D
 Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	0.0	125.6
227	61.8	0.0	121.6





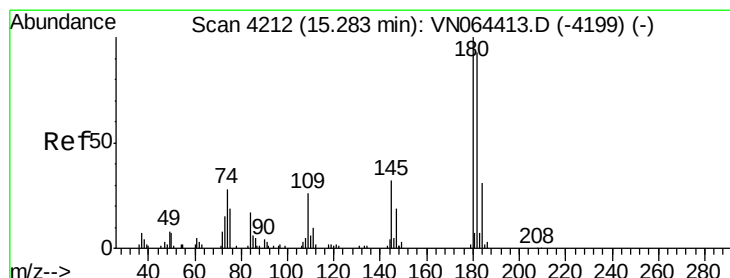
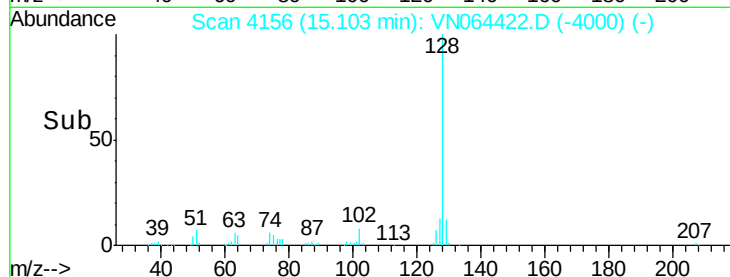
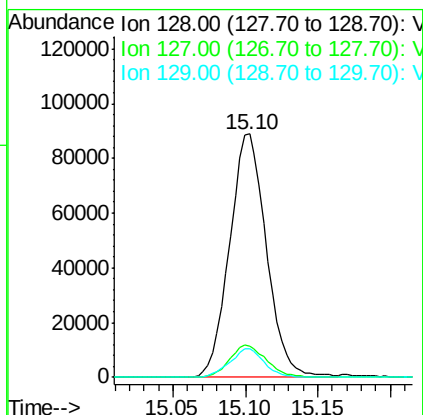
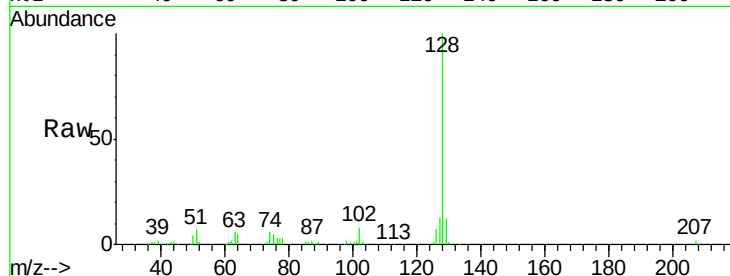
#91
Naphthalene
Concen: 16.382 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.1	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 16.138 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064422.D
Acq: 2 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	191.4
145	32.8	0.0	64.8

