

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102020\
 Data File : VN064200.D
 Acq On : 20 Oct 2020 17:06
 Operator : JC/MD
 Sample : VN1020WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:28:55 PM

Quant Time: Oct 21 05:06:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	48877	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	272357	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	244530	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	128477	32.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.03%
60) 4-Bromofluorobenzene	12.38	95	129280	29.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.33%
63) Toluene-d8	10.06	98	324843	29.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	65073	19.405	ug/l 93
3) Chloromethane	2.04	50	64899	18.886	ug/l 97
4) Vinyl Chloride	2.16	62	64272	19.010	ug/l 98
5) Bromomethane	2.54	94	39068	19.315	ug/l 99
6) Chloroethane	2.67	64	35850	18.206	ug/l 96
7) Trichlorofluoromethane	2.99	101	99679	18.366	ug/l 100
8) Diethyl Ether	3.38	74	34840	18.907	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49956	17.440	ug/l 97
10) 1,1-Dichloroethene	3.70	96	49774	17.847	ug/l 96
11) Methyl Iodide	3.91	142	68686	17.086	ug/l 96
12) Methyl Acetate	4.28	43	54471	18.530	ug/l 92
13) Acrolein	3.57	56	30386	94.538	ug/l # 1
14) Acrylonitrile	4.93	53	108204	91.344	ug/l # 86
15) Acetone	3.78	58	30447	95.197	ug/l 94
16) Carbon Disulfide	4.01	76	139256	17.460	ug/l 98
17) Allyl chloride	4.28	41	99916	19.267	ug/l 96
18) Methylene Chloride	4.51	84	57962	18.171	ug/l 92
19) trans-1,2-Dichloroethene	4.99	96	52252	17.368	ug/l 99
20) Diisopropyl ether	5.90	45	177745	18.547	ug/l 97
21) 1,1-Dichloroethane	5.80	63	104813	17.914	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	62458	17.759	ug/l 97
23) tert-Butyl Alcohol	4.73	59	53241	97.175	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	172435m	18.711	ug/l
25) Chloroform	7.33	83	110381	18.157	ug/l 97
26) Cyclohexane	7.61	56	79347	17.104	ug/l # 87
29) 1,1-Dichloropropene	7.75	75	79368	17.547	ug/l 99
30) 2-Butanone	6.78	43	174663	93.643	ug/l 99
31) 2,2-Dichloropropane	6.78	77	99938	17.404	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	104769	18.179	ug/l 97
33) Carbon Tetrachloride	7.73	117	91911	17.494	ug/l 97
34) Benzene	8.00	78	223622	17.754	ug/l 99
35) Methacrylonitrile	7.12	41	41168	20.122	ug/l 93
36) 1,2-Dichloroethane	8.09	62	100164	19.662	ug/l 98
37) Trichloroethene	8.80	130	61578	17.757	ug/l 97
38) Methylcyclohexane	9.05	83	74336	17.184	ug/l 98
39) 1,2-Dichloropropane	9.08	63	59653	17.747	ug/l 90
40) Dibromomethane	9.17	93	42959	18.369	ug/l 96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	89960	17.774	ug/l	98
42) Vinyl Acetate	5.84	43	823062	92.949	ug/l	99
43) Ethyl Acetate	6.88	43	73064	17.936	ug/l	97
44) Isopropyl Acetate	8.13	43	147157	18.816	ug/l #	86
45) 1,4-Dioxane	9.16	88	18717	409.199	ug/l	89
46) Methyl methacrylate	9.16	41	72151	19.443	ug/l	95
47) n-amyl Acetate	12.05	43	123605	17.816	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	105587	18.497	ug/l	93
49) cis-1,3-Dichloropropene	9.81	75	105724	17.926	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	55503	17.715	ug/l	98
51) Ethyl methacrylate	10.40	69	91581	18.485	ug/l	98
52) 1,3-Dichloropropane	10.68	76	98804	18.291	ug/l	99
53) Dibromochloromethane	10.87	129	70962	17.995	ug/l	95
54) 1,2-Dibromoethane	10.98	107	60762	18.245	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	235815	96.844	ug/l	98
56) Bromoform	12.10	173	48223	17.559	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	391278	94.427	ug/l	99
59) 2-Hexanone	10.72	43	282300	91.767	ug/l	99
61) Tetrachloroethene	10.60	164	58586	17.772	ug/l	96
62) Toluene	10.13	91	246079	17.603	ug/l	99
64) Chlorobenzene	11.41	112	151709	17.426	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	61813	18.122	ug/l	97
66) Ethyl Benzene	11.48	91	282591	17.583	ug/l	100
67) m/p-Xylenes	11.60	106	204817	34.265	ug/l	99
68) o-Xylene	11.92	106	99647	17.179	ug/l	99
69) Styrene	11.94	104	170248	17.349	ug/l	99
70) Isopropylbenzene	12.22	105	267477	17.460	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	76101	18.128	ug/l	96
72) 1,2,3-Trichloropropane	12.53	75	78863m	18.002	ug/l	
73) Bromobenzene	12.50	156	64403	17.434	ug/l	94
74) n-propylbenzene	12.57	91	301584	17.249	ug/l	98
75) 2-Chlorotoluene	12.65	91	188190	17.387	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	229674	17.619	ug/l	96
77) t-1,4-Dichloro-2-butene	12.28	75	30204	17.635	ug/l	92
78) 4-Chlorotoluene	12.75	91	192250	16.981	ug/l	97
79) tert-butylbenzene	12.97	119	184108	17.276	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	231116	17.465	ug/l	99
81) sec-Butylbenzene	13.15	105	238772	17.220	ug/l	99
82) p-Isopropyltoluene	13.26	119	215014	16.754	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	113979	17.213	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	114242	17.233	ug/l	99
85) n-Butylbenzene	13.59	91	189134	16.602	ug/l	99
86) Hexachloroethane	13.85	117	38093	17.242	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	111228	17.224	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	19635	18.468	ug/l	92
89) 1,2,4-Trichlorobenzene	14.88	180	65230	16.821	ug/l	96
90) Hexachlorobutadiene	14.98	225	33337	16.960	ug/l	98
91) Naphthalene	15.10	128	204521	17.399	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	64849	17.486	ug/l	97

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Instrument :
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ClientSampleId :
VN1020WBS02

Manual Integrations
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QLast Update : Tue Oct 20 11:51:57 2020
Response via : Initial Calibration

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

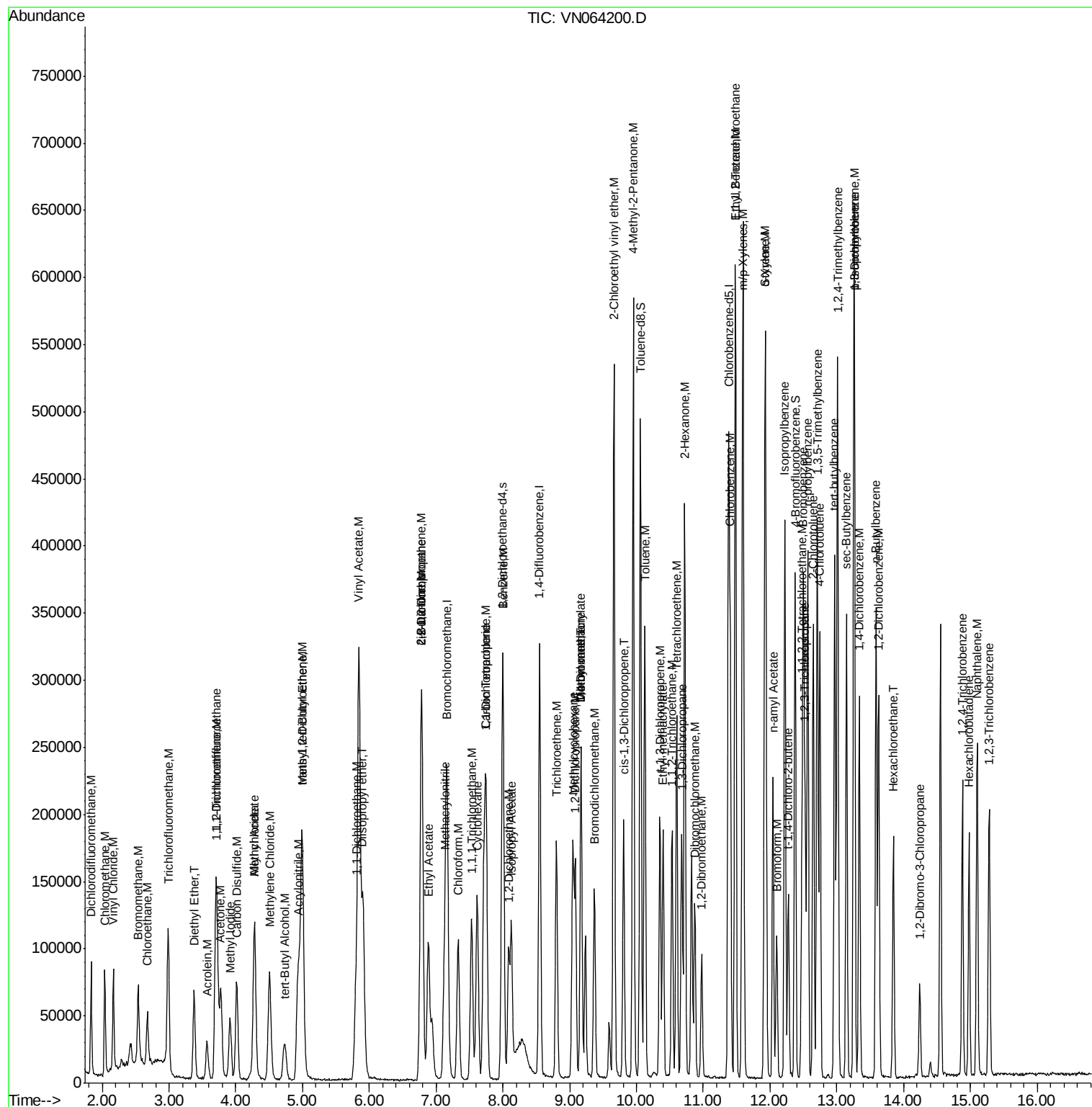
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102020\
 Data File : VN064200.D
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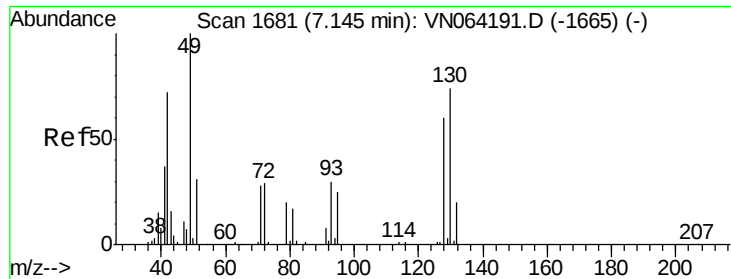
Instrument :
 MSVOA_N
 Client Sampled :
 VN1020WBS02

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

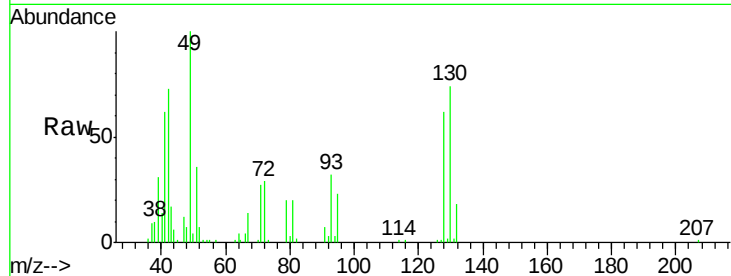
ClientSampleId :

VN1020WBS02

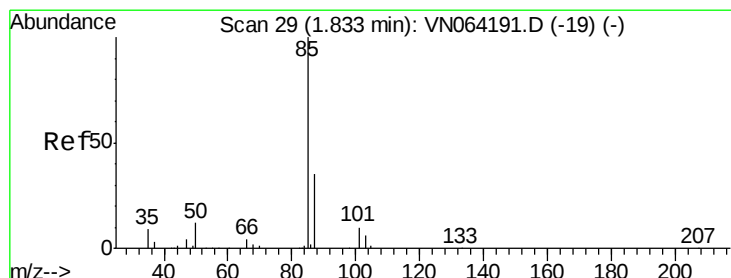
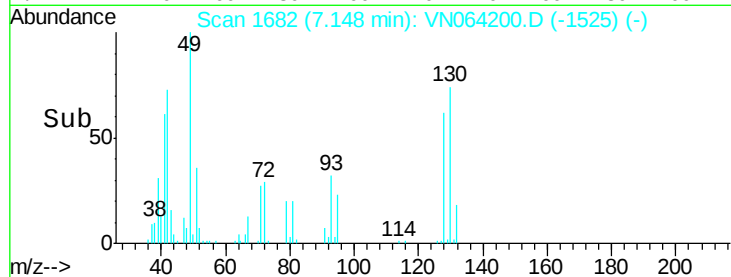
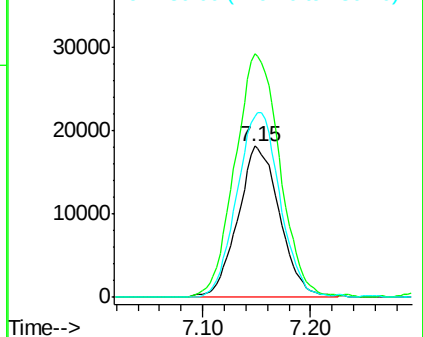
Tot Ion:	128	Resp:	48877
Ion	Ratio	Lower	Upper
128	100		
49	172.4	0.0	433.3
130	125.4	0.0	322.5

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.405 ug/l

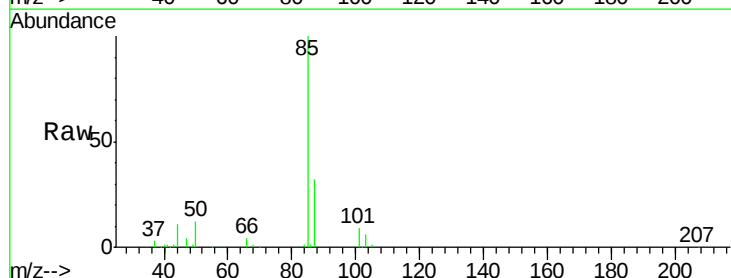
RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

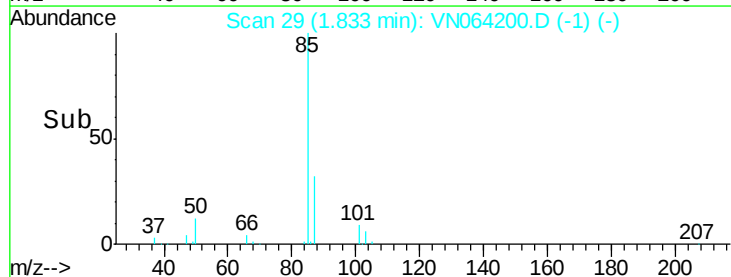
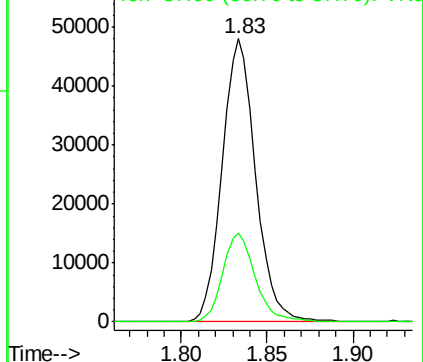
Lab File: VN064200.D

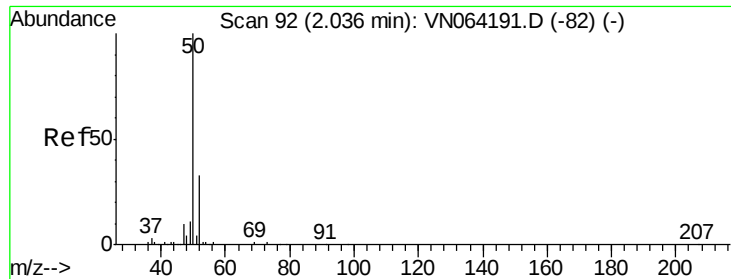
Acq: 20 Oct 2020 17:06

Tgt Ion:	85	Resp:	65073
Ion	Ratio	Lower	Upper
85	100		
87	31.5	17.8	53.3



Abundance Ion 85.00 (84.70 to 85.70): V
Ion 87.00 (86.70 to 87.70): V





#3

Chloromethane

Concen: 18.886 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS02

Tot Ion: 50 Resp: 64899

Ion Ratio Lower Upper

50 100

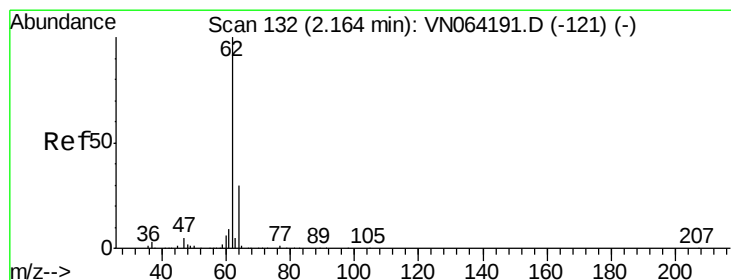
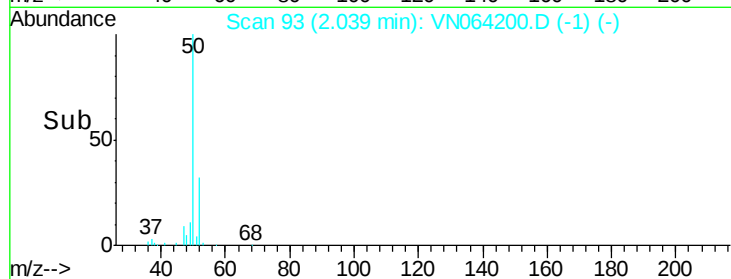
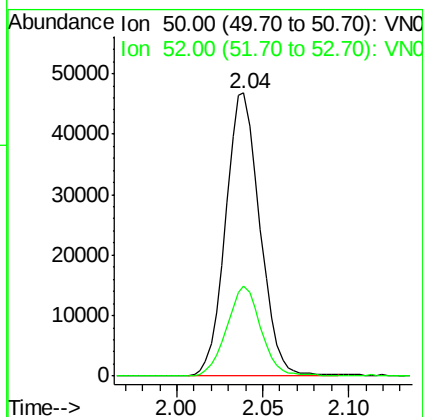
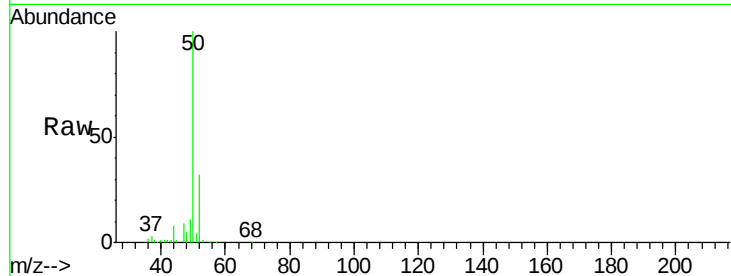
52 31.8 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.010 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064200.D

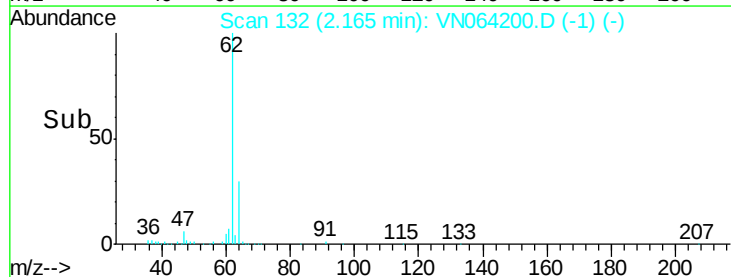
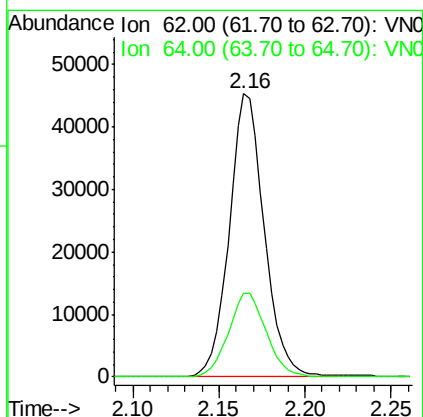
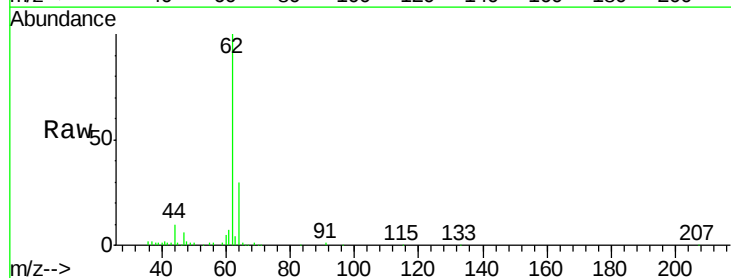
Acq: 20 Oct 2020 17:06

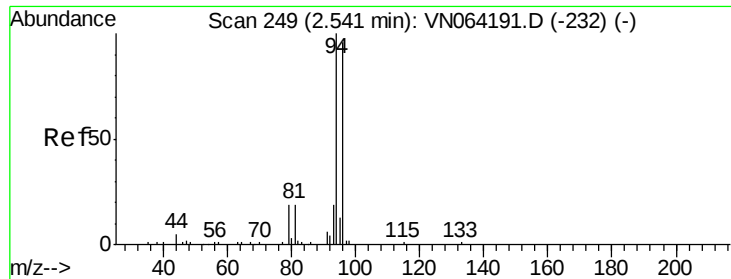
Tgt Ion: 62 Resp: 64272

Ion Ratio Lower Upper

62 100

64 29.5 24.4 36.6





#5

Bromomethane

Concen: 19.315 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS02

Tot Ion: 94 Resp: 39068

Ion Ratio Lower Upper

94 100

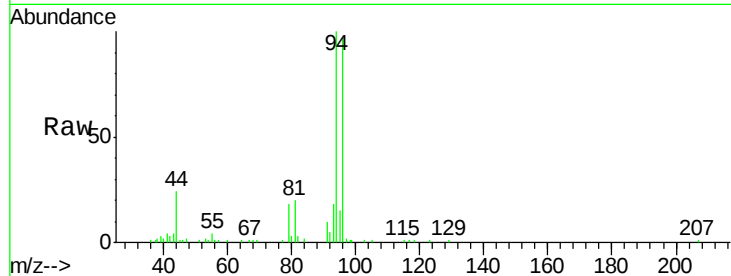
96 97.0 76.6 115.0

Manual Integrations

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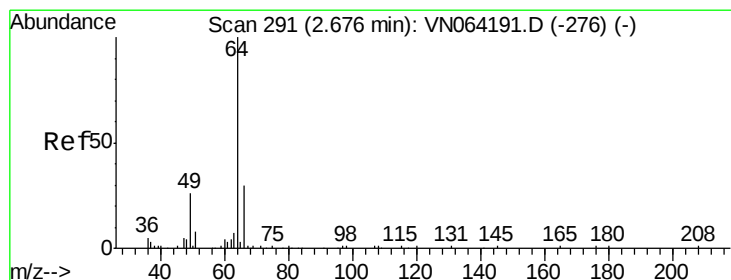
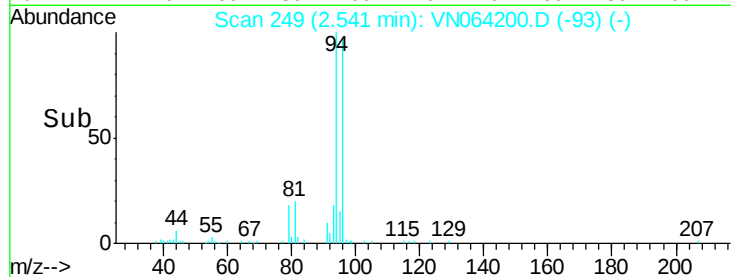
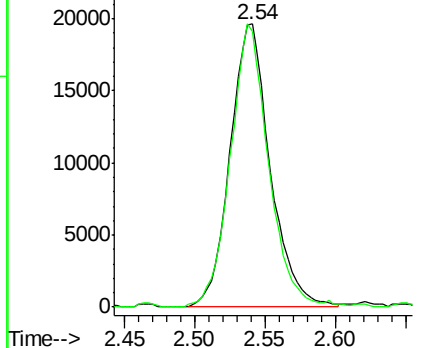
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 18.206 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064200.D

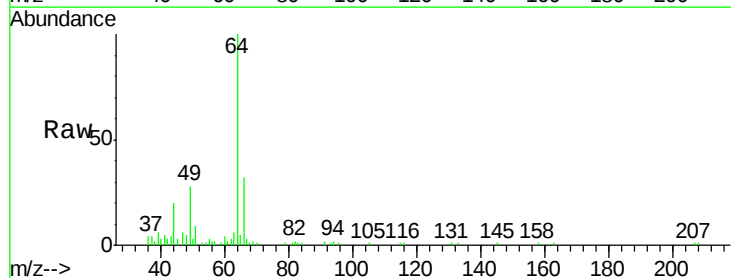
Acq: 20 Oct 2020 17:06

Tgt Ion: 64 Resp: 35850

Ion Ratio Lower Upper

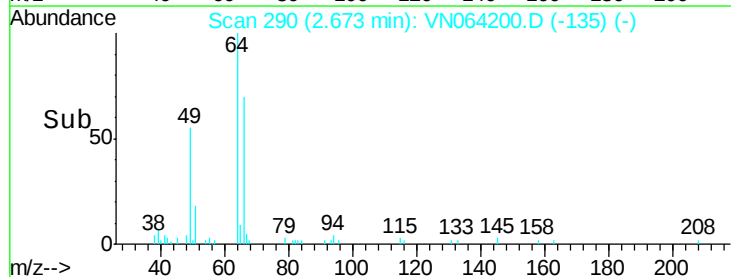
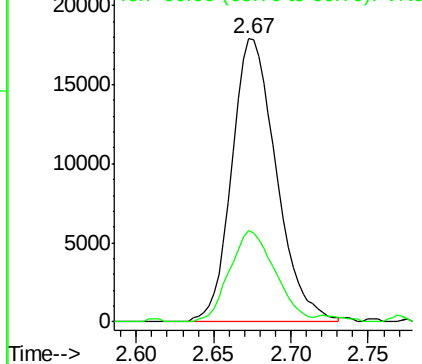
64 100

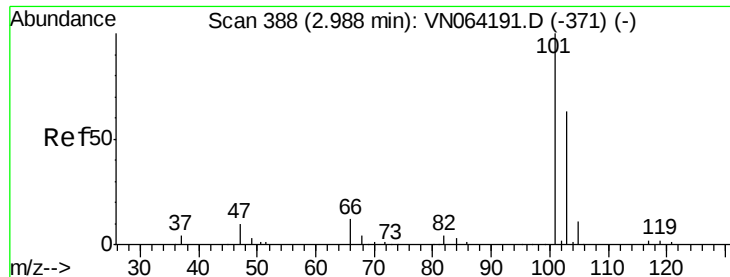
66 32.4 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

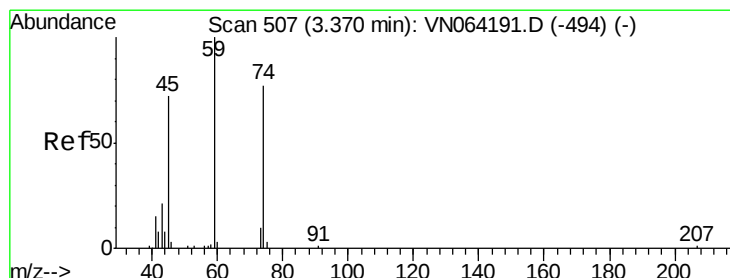
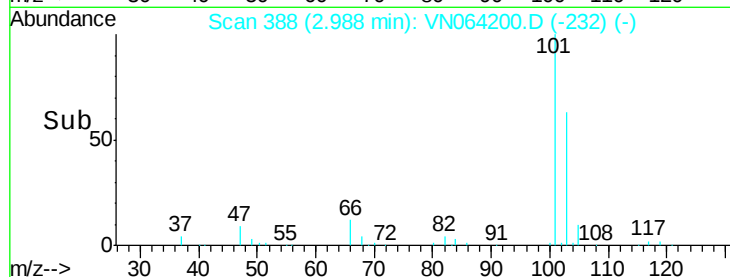
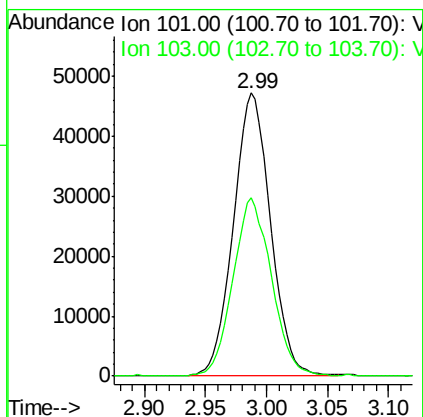
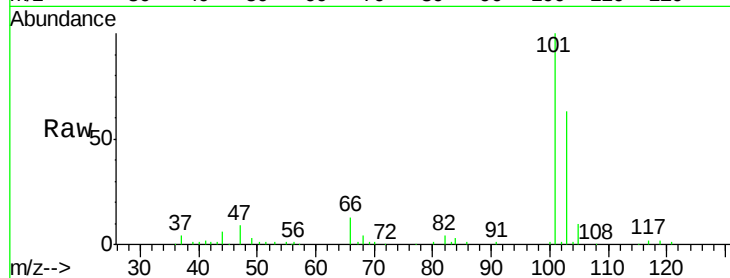
Trichlorofluoromethane
Concen: 18.366 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	50.7	76.1

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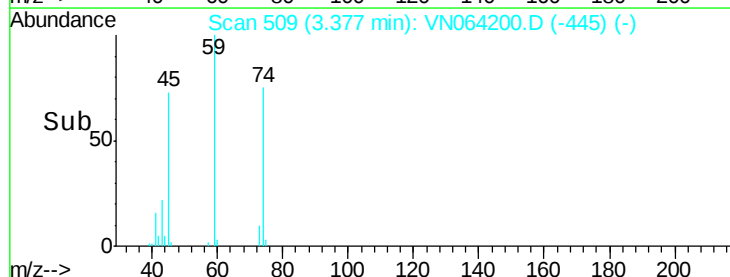
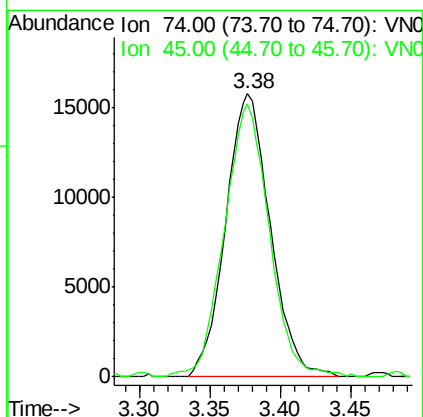
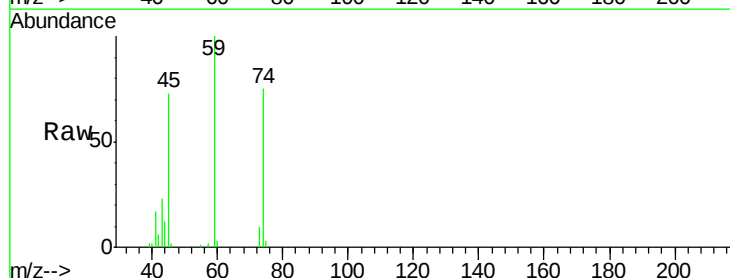
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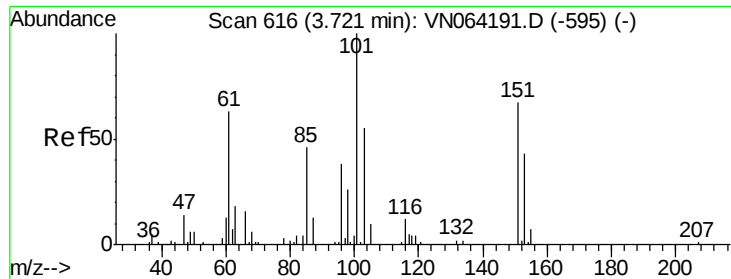


#8

Diethyl Ether
Concen: 18.907 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.01 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	19.5	175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.440 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

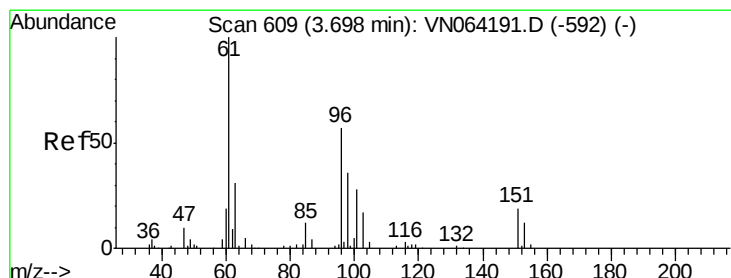
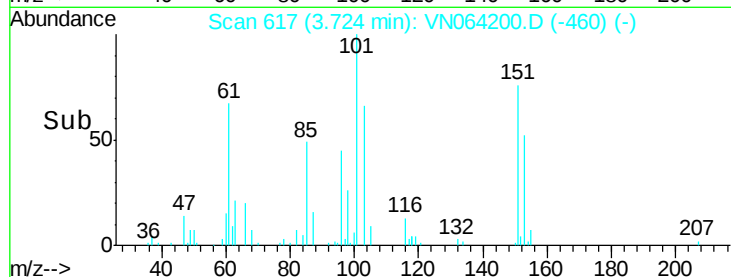
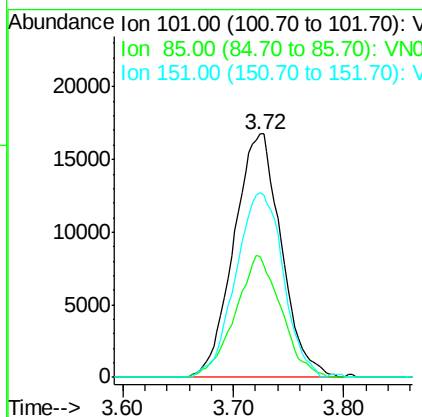
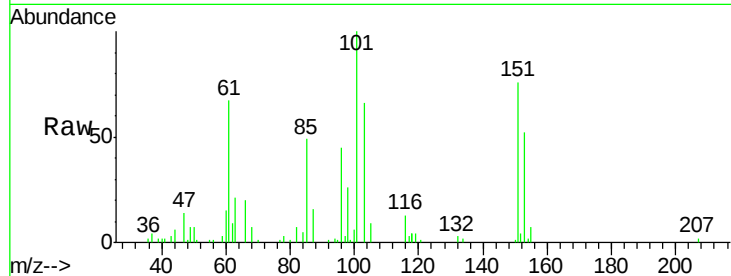
ClientSampleId :

VN1020WBS02

Tot Ion:	101	Resp:	49956
Ion Ratio	Lower	Upper	
101	100		
85	48.4	0.0	94.0
151	76.2	0.0	146.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.847 ug/l

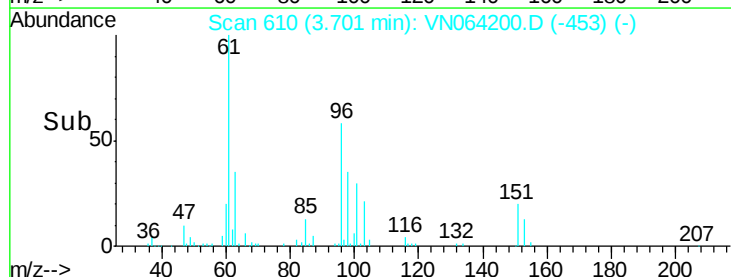
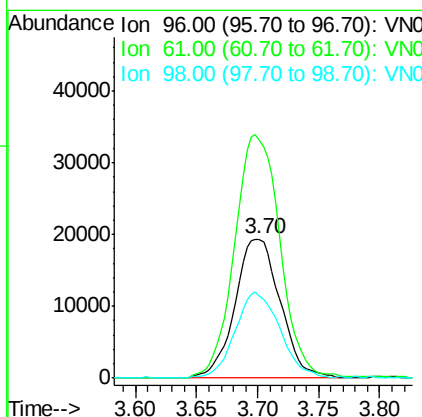
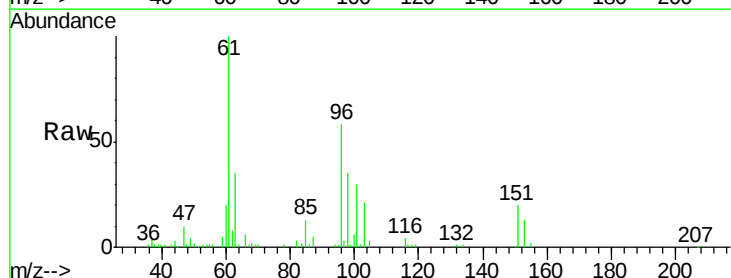
RT: 3.70 min Scan# 610

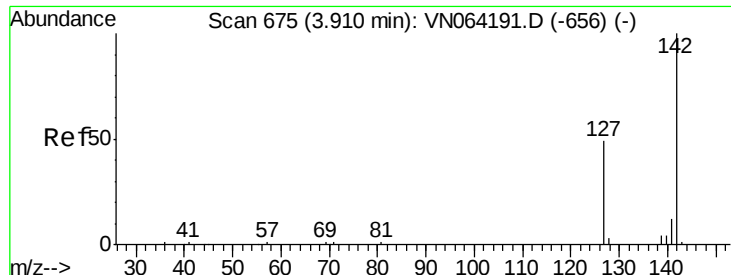
Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Tgt Ion:	96	Resp:	49774
Ion Ratio	Lower	Upper	
96	100		
61	172.4	141.0	211.4
98	59.8	51.4	77.2





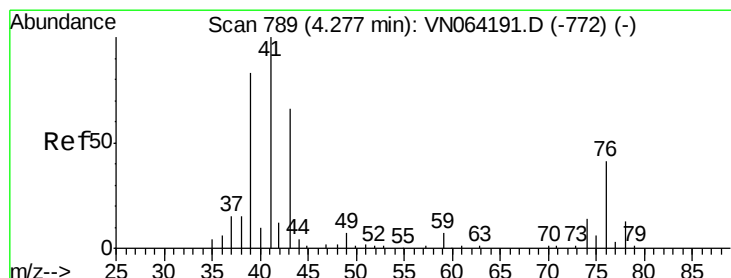
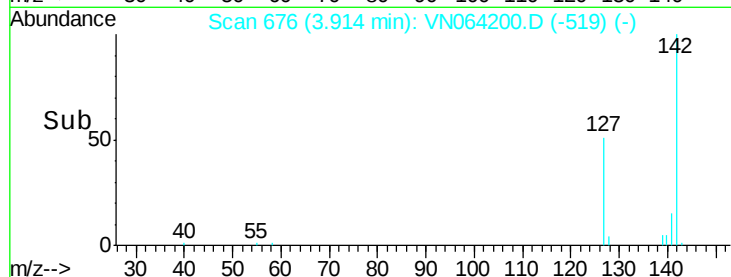
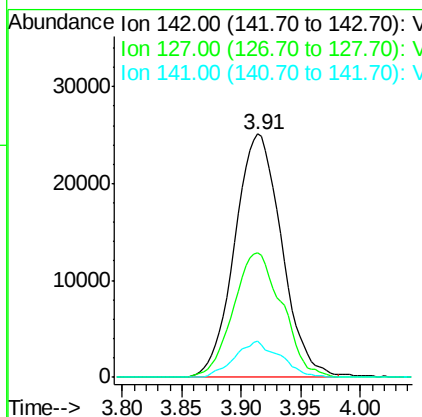
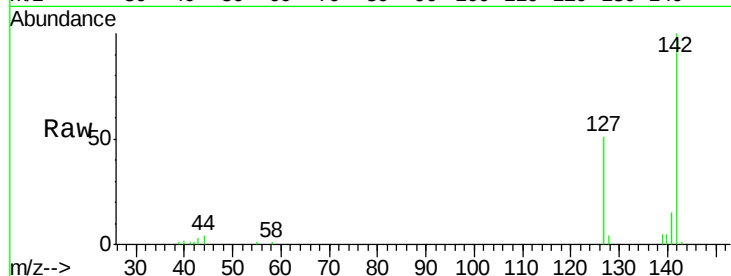
#11
Methvl Iodide
Concen: 17.086 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	51.5	24.5	73.5
141	15.1	6.0	18.1

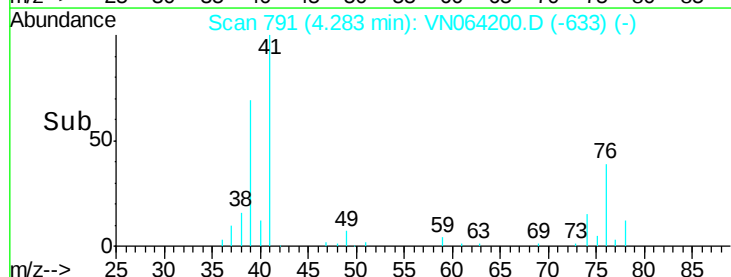
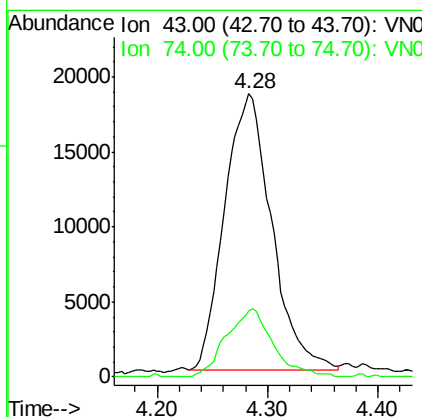
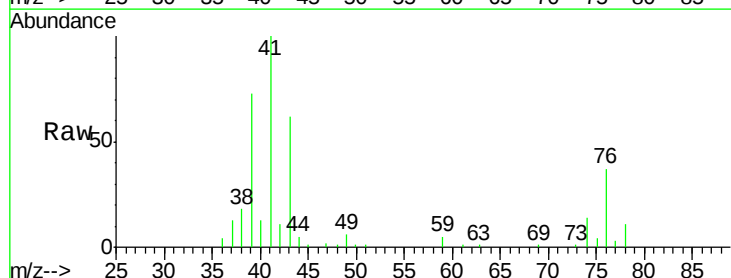
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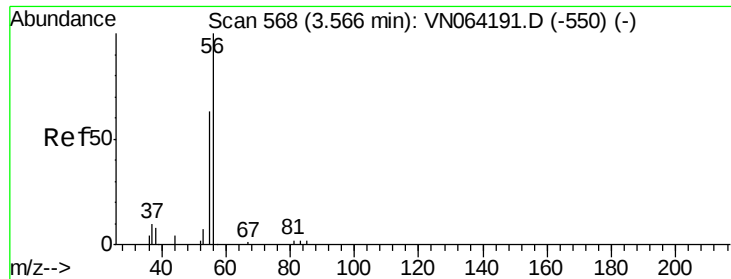
MMDadoda
10/23/2020 2:28:55 PM



#12
Methyl Acetate
Concen: 18.530 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	16.2	24.2





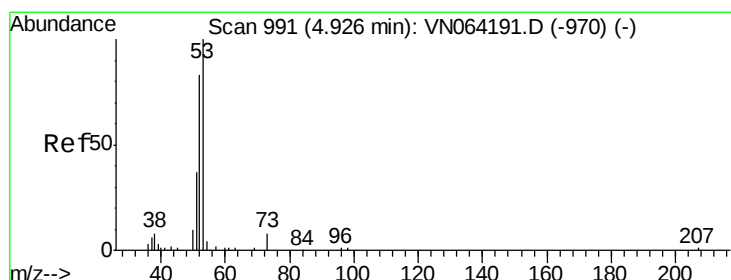
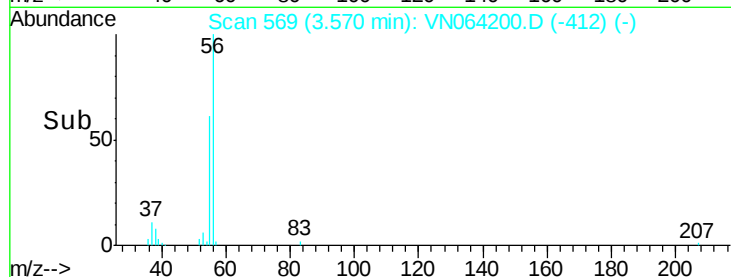
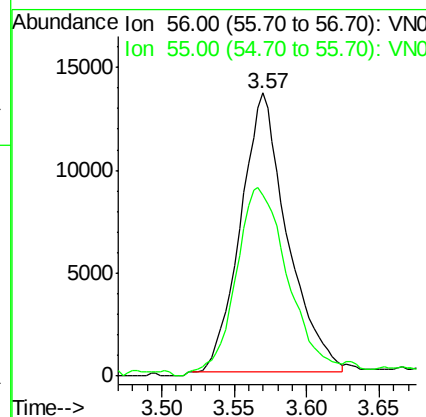
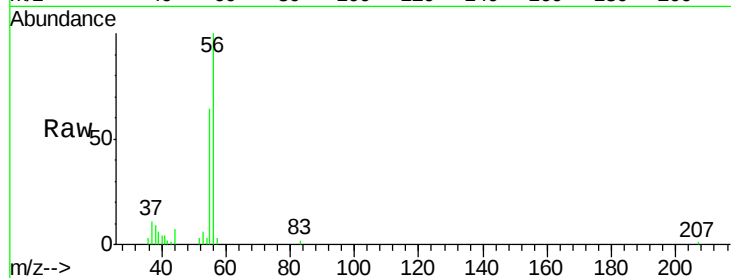
#13
Acrolein
Concen: 94.538 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	56	Resp	30386
Ion Ratio	Lower	Upper	
56	100		
55	76.4	0.5	0.7#

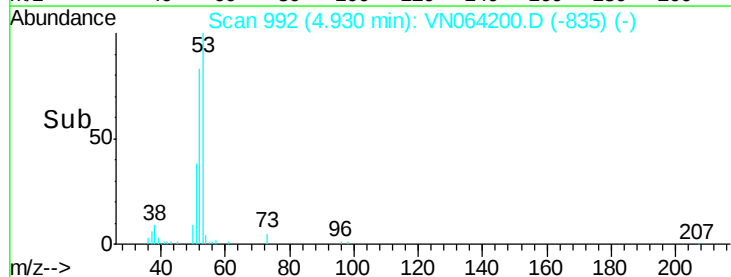
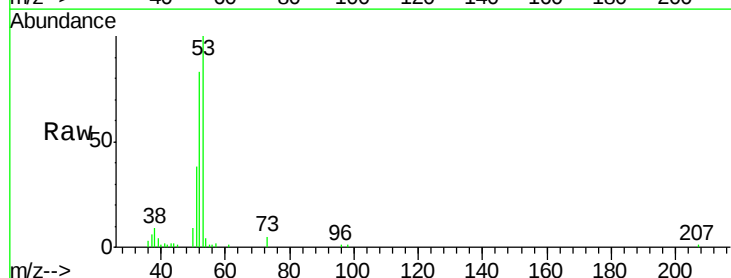
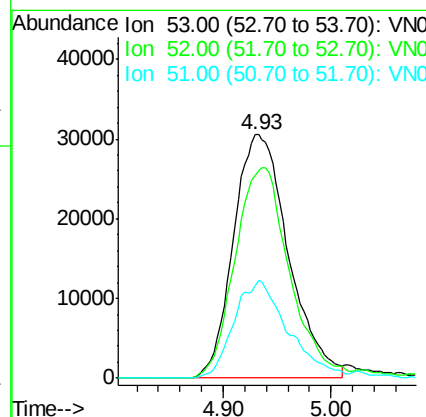
Manual Integrations
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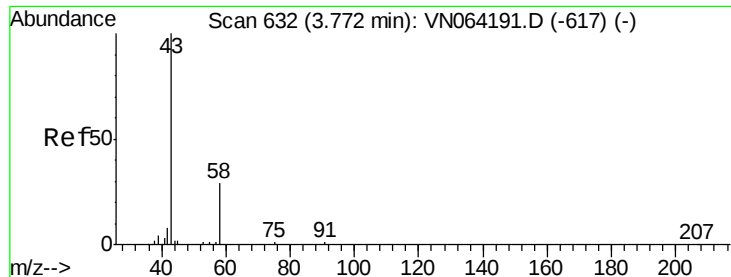
MMDadoda
10/23/2020 2:28:55 PM



#14
Acrylonitrile
Concen: 91.344 ug/l
RT: 4.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	53	Resp	108204
Ion Ratio	Lower	Upper	
53	100		
52	84.7	41.3	123.9
51	12.5	18.1	54.1#





#15

Acetone

Concen: 95.197 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS02

Tot Ion: 58 Resp: 30447

Ion Ratio Lower Upper

58 100

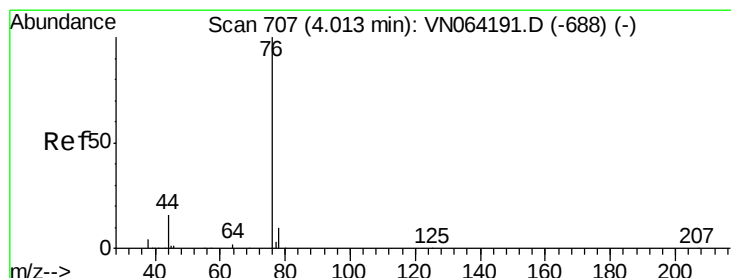
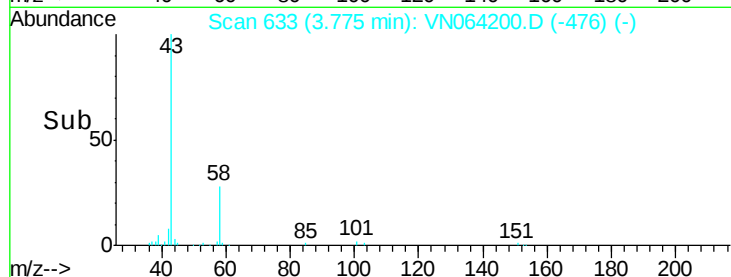
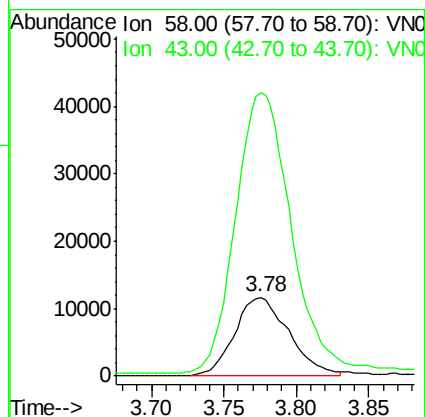
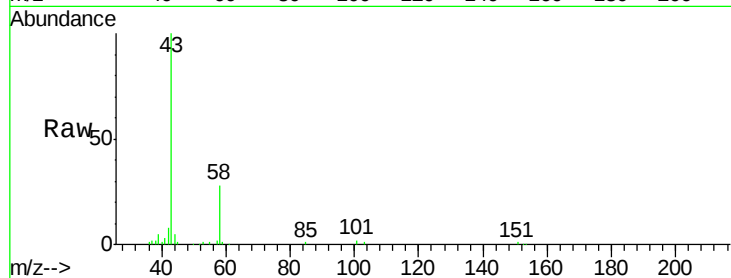
43 353.4 272.1 408.1

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.460 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064200.D

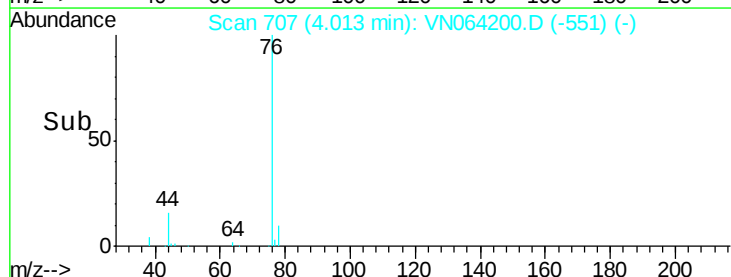
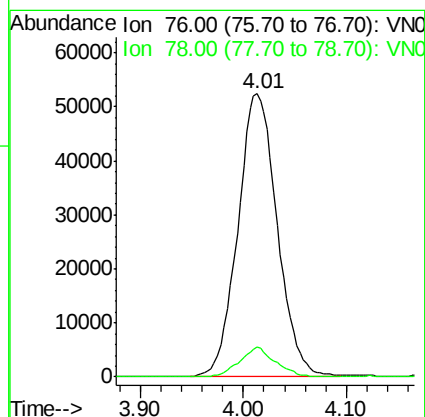
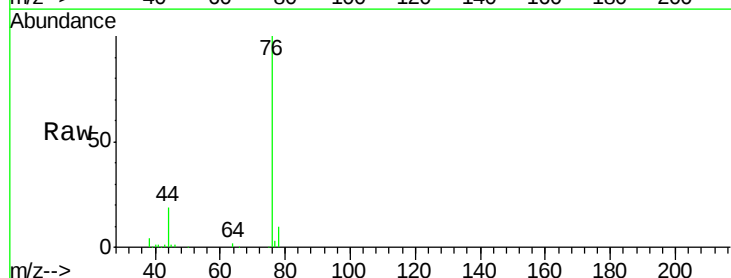
Acq: 20 Oct 2020 17:06

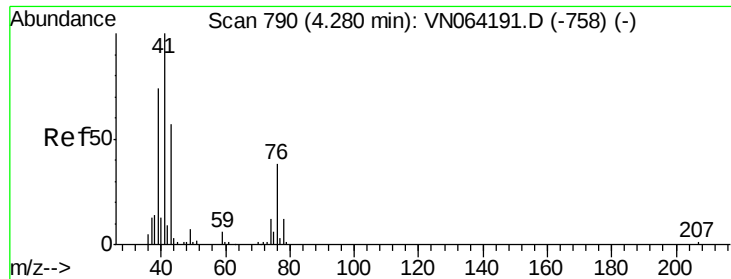
Tgt Ion: 76 Resp: 139256

Ion Ratio Lower Upper

76 100

78 10.4 7.7 11.5





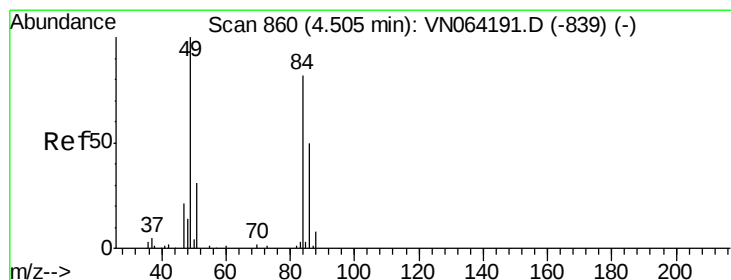
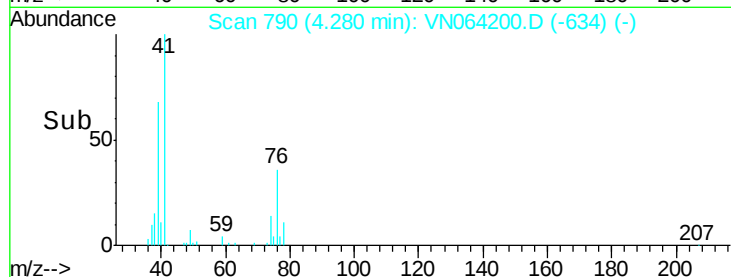
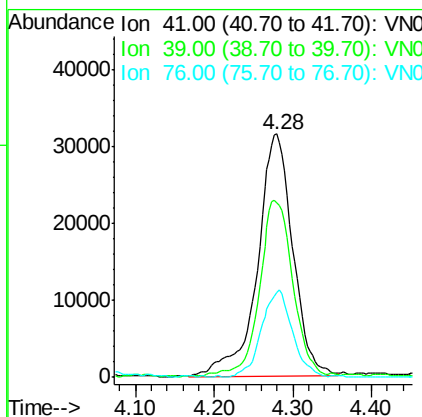
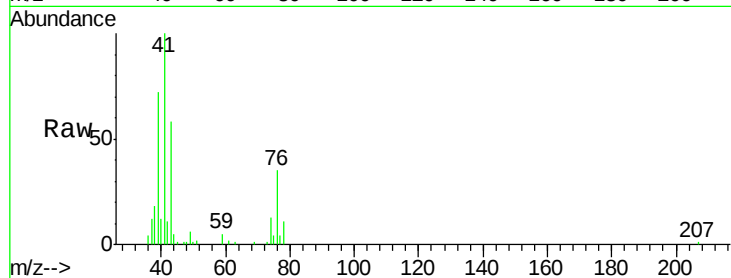
#17
Allvl chloride
Concen: 19.267 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.3	36.8	110.4
76	34.5	18.8	56.4

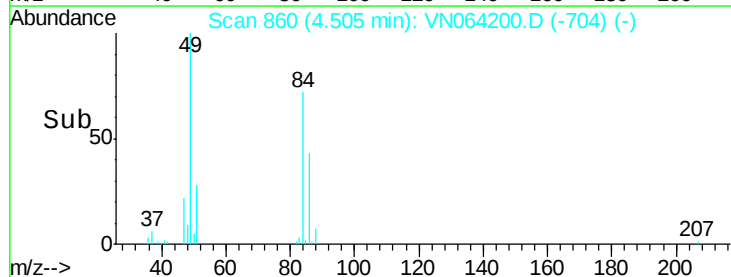
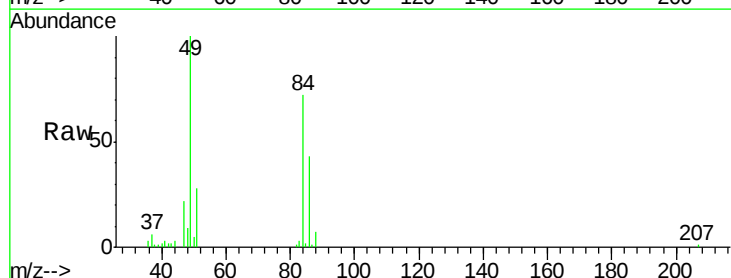
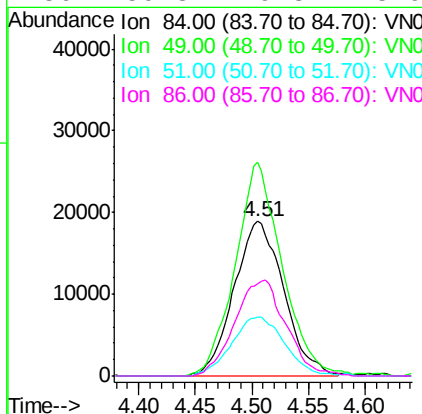
Manual Integrations
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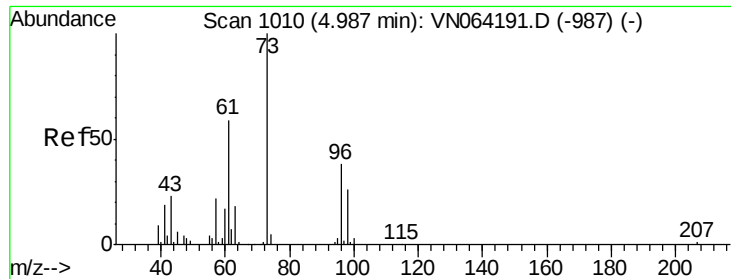
MMDadoda
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#18
Methylene Chloride
Concen: 18.171 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.9	97.6	146.4
51	38.0	31.1	46.7
86	59.3	49.3	73.9





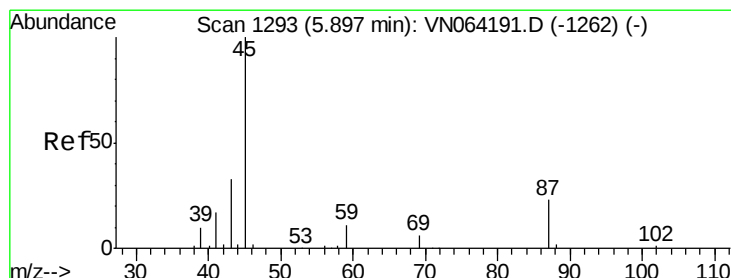
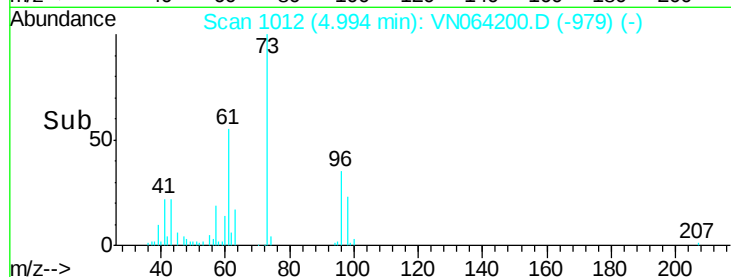
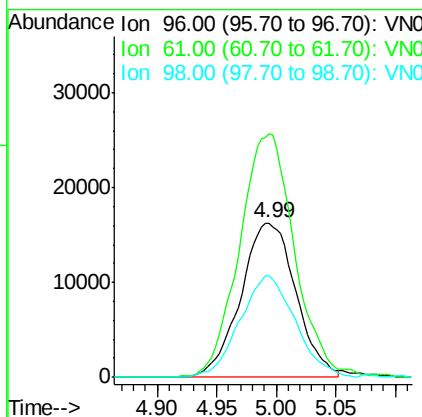
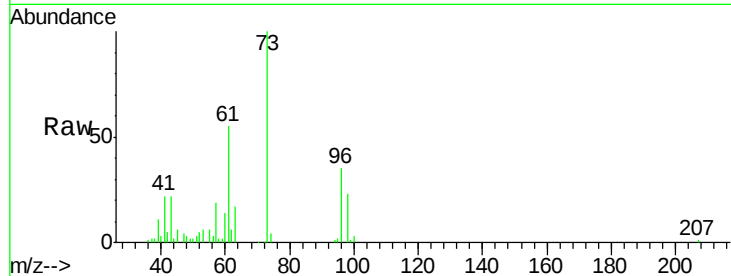
#19
trans-1,2-Dichloroethene
Concen: 17.368 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.5	125.5	188.3
98	65.8	54.7	82.1

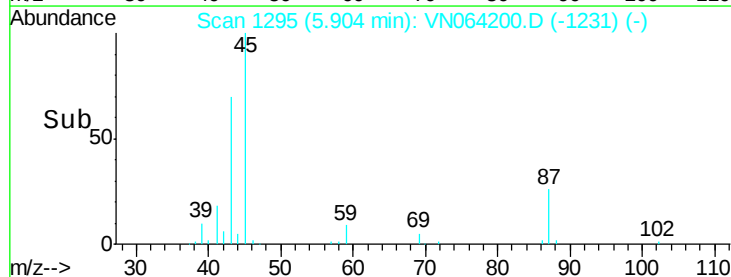
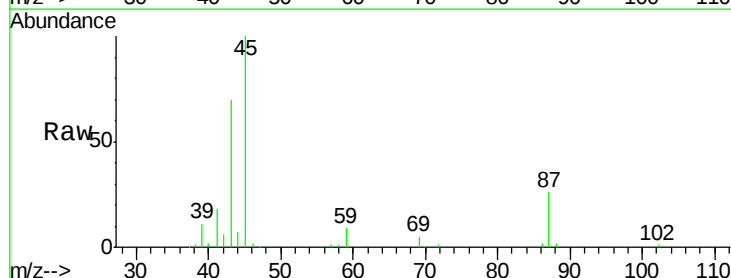
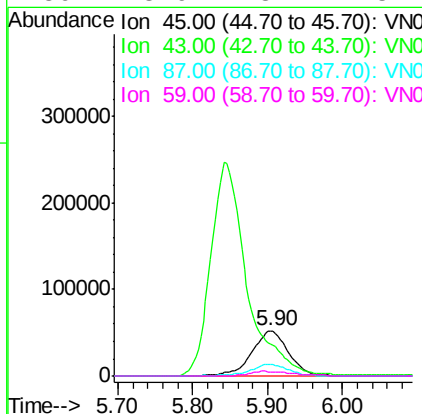
Manual Integrations
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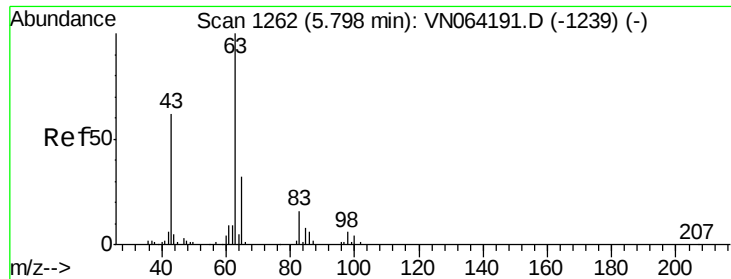
MMDadoda
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#20
Diisopropyl ether
Concen: 18.547 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.2	55.1	82.7
87	26.2	19.4	29.2
59	8.9	8.7	13.1





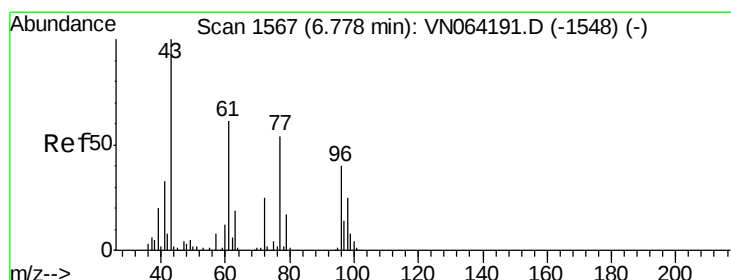
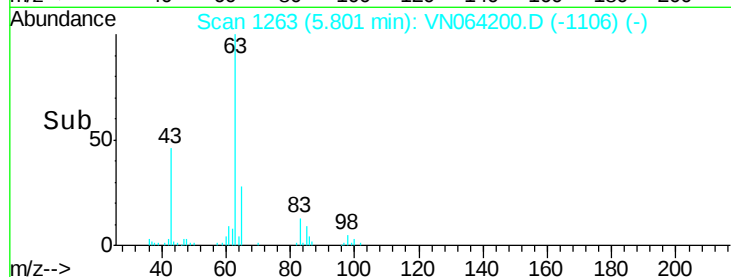
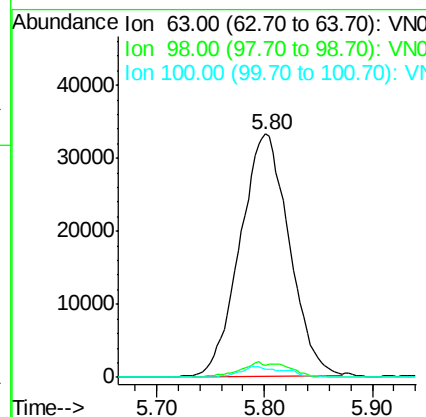
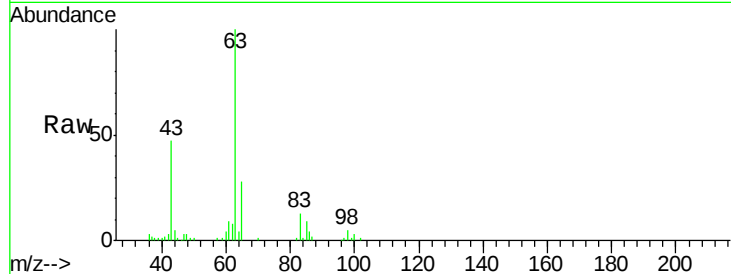
#21
 1,1-Dichloroethane
 Concen: 17.914 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS02

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	5.1	2.9	8.7
100	3.4	2.1	6.3

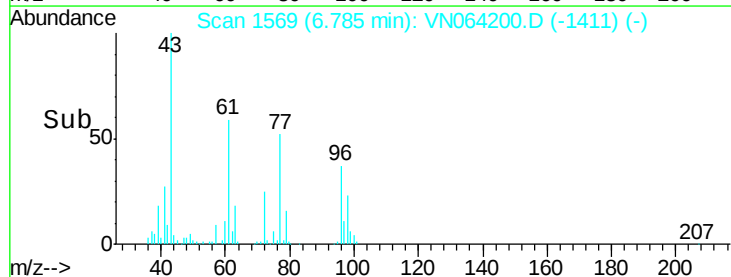
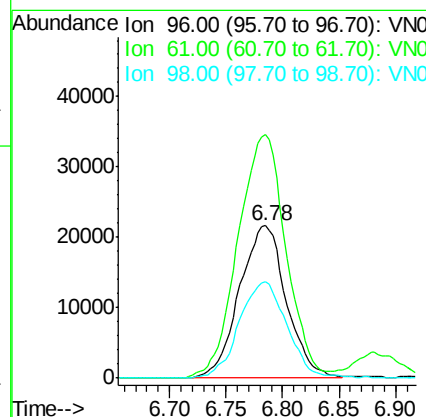
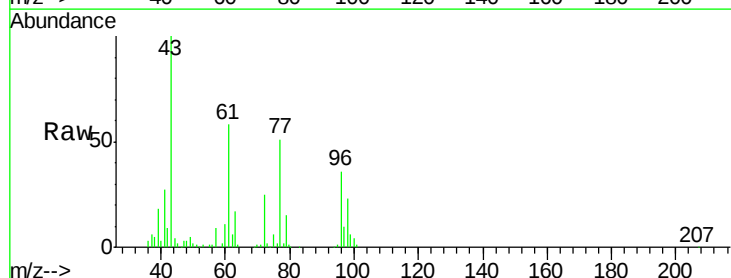
Manual Integrations
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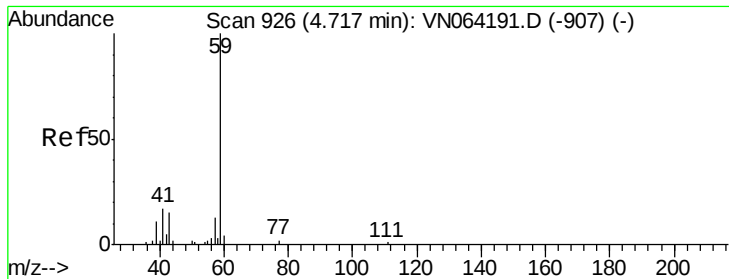
MMDadoda
 10/23/2020 2:28:55 PM



#22
 cis-1,2-Dichloroethene
 Concen: 17.759 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	162.8	126.2	189.4
98	64.4	50.2	75.4





#23

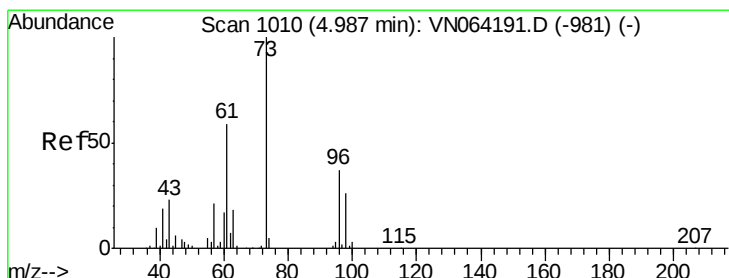
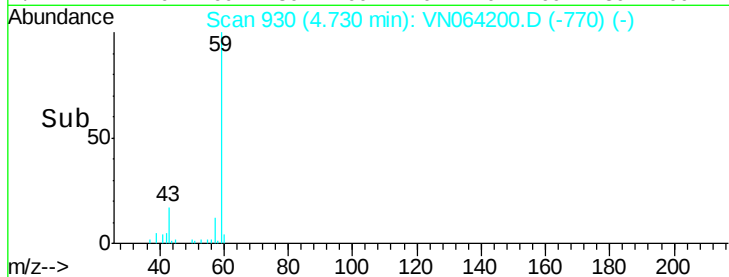
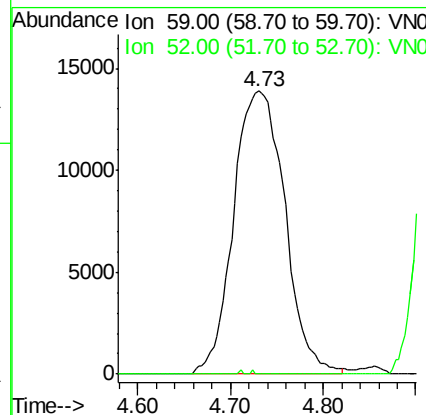
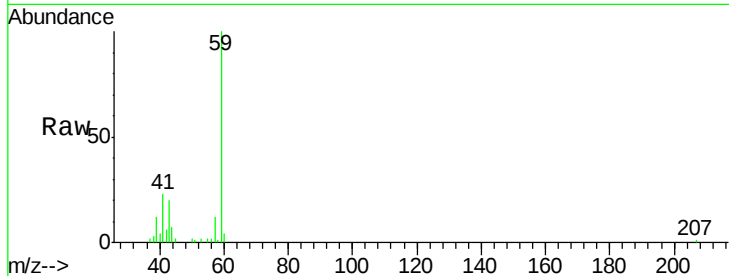
tert-Butyl Alcohol
 Concen: 97.175 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.0	0.0#

Manual Integrations
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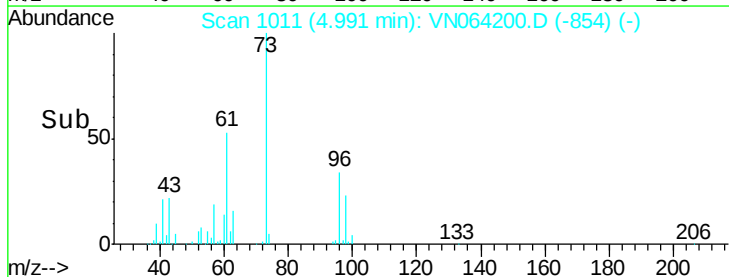
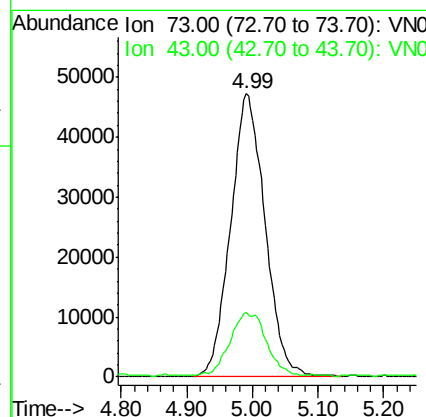
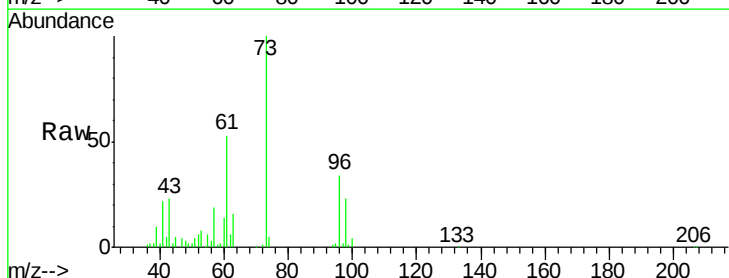
MMDadoda
 10/23/2020 2:28:55 PM

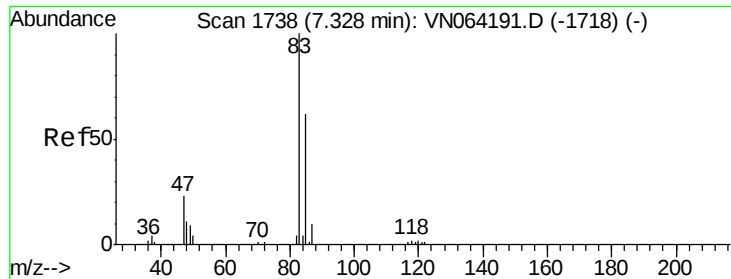


#24

Methyl tert-Butyl Ether
 Concen: 18.711 ug/l m
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
73	100		
43	0.0	18.2	27.2#





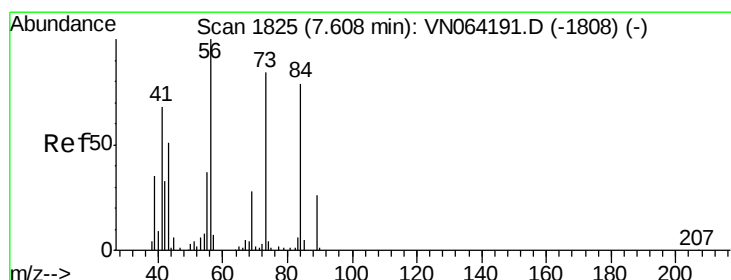
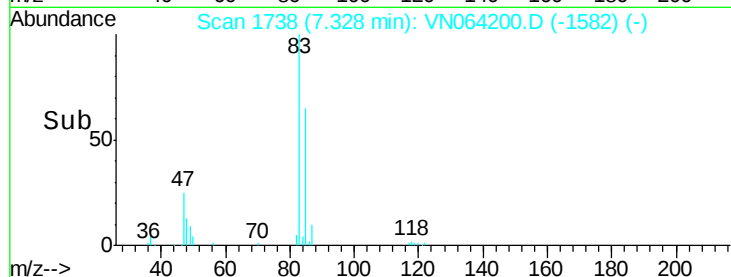
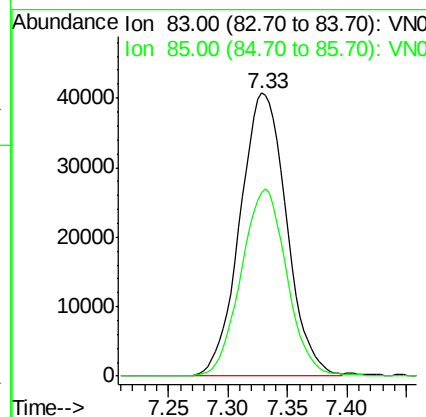
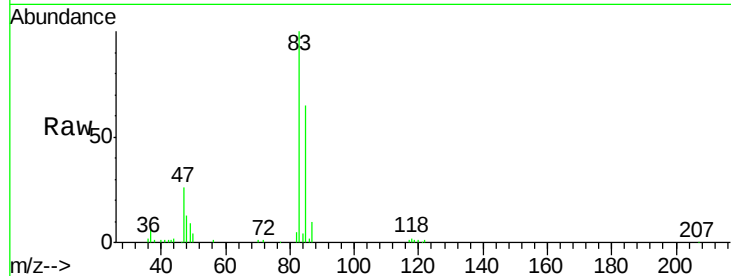
#25
Chloroform
Concen: 18.157 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	83	Resp	110381
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	49.7	74.5

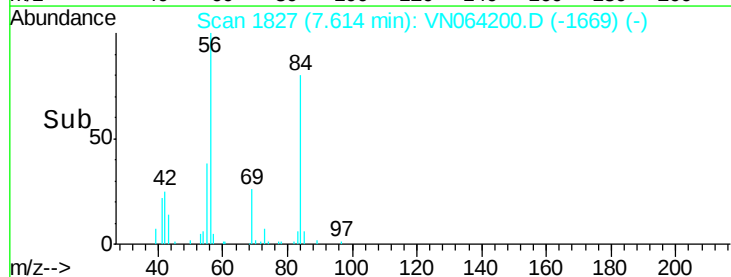
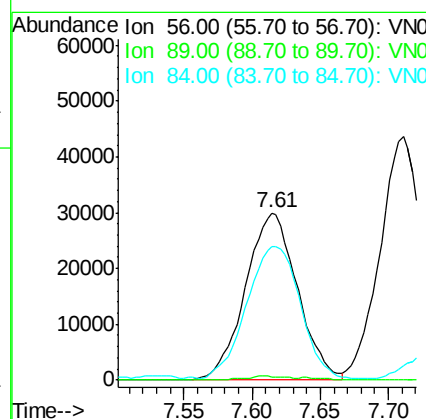
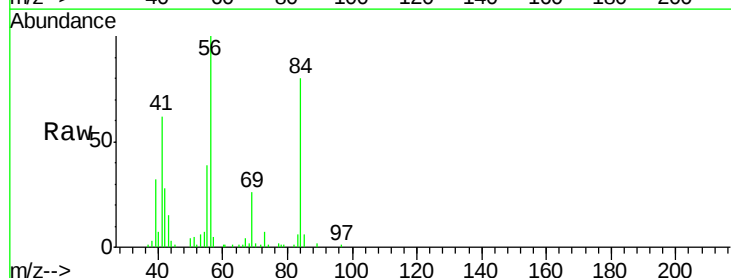
Manual Integrations
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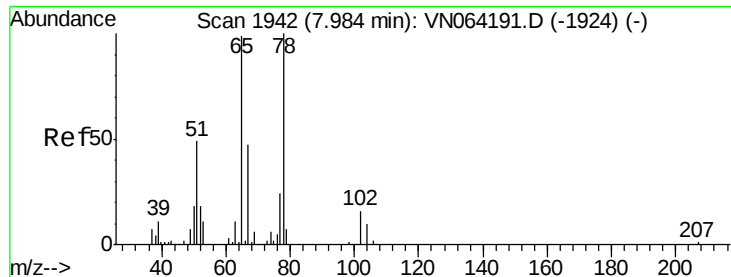
MMDadoda
10/23/2020 2:28:55 PM



#26
Cyclohexane
Concen: 17.104 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	56	Resp	79347
Ion Ratio	100	Lower	Upper
56	100		
89	1.0	21.4	32.0#
84	83.4	65.8	98.6





#27

1,2-Dichloroethane-d4

Concen: 32.106 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS02

Tot Ion: 65 Resp: 128477

Ion Ratio Lower Upper

65 100

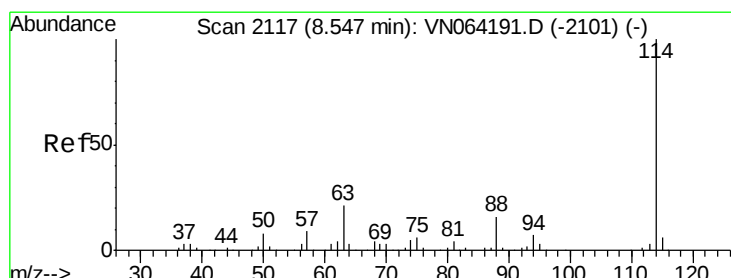
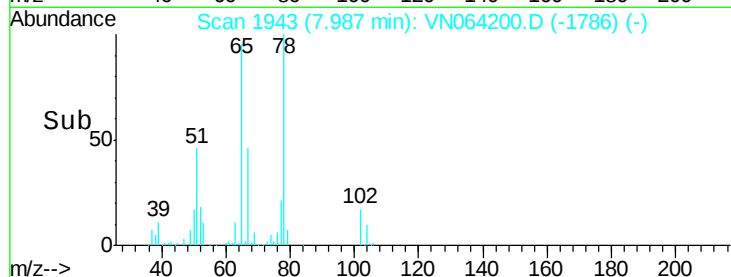
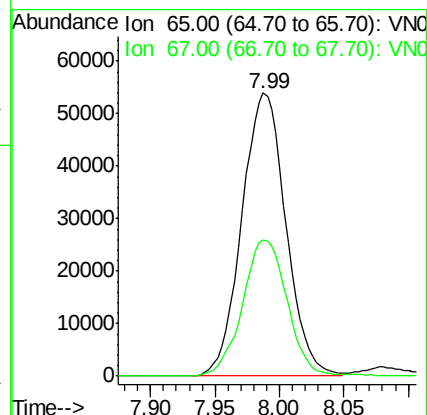
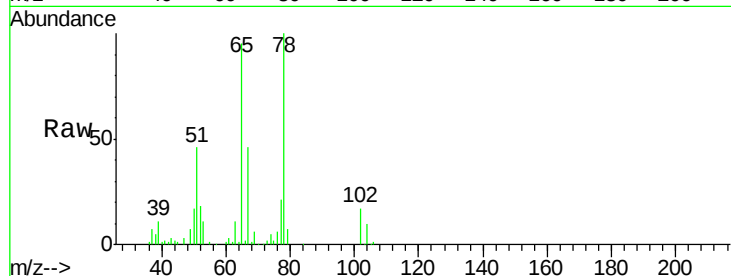
67 48.5 39.8 59.6

Manual Integrations

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10/23/2020 2:28:55 PM



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

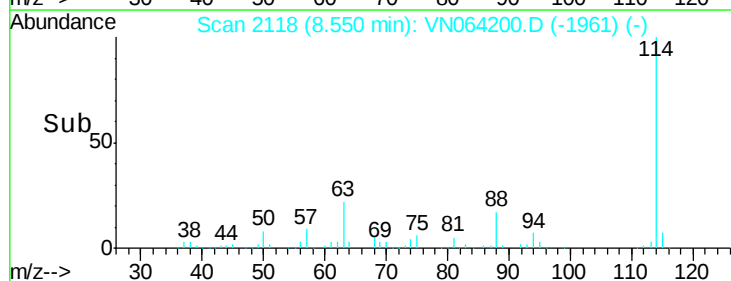
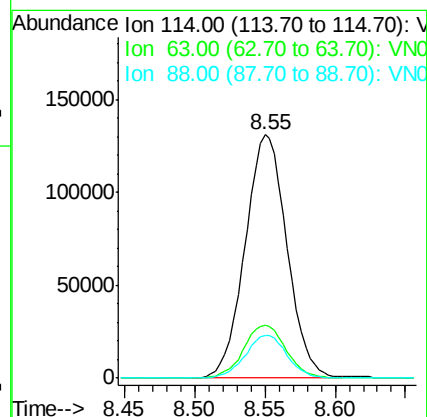
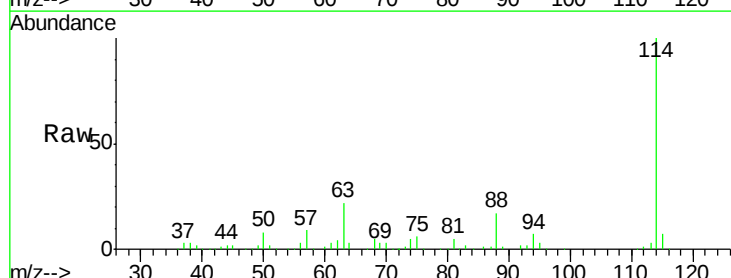
Tgt Ion: 114 Resp: 272357

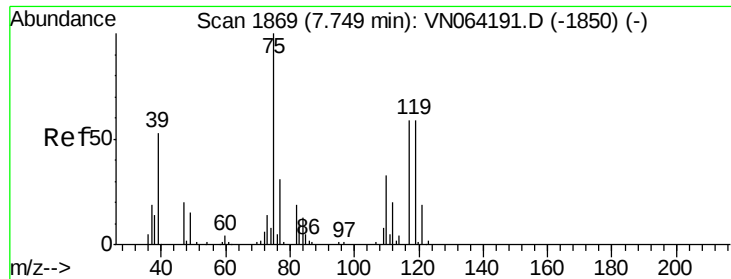
Ion Ratio Lower Upper

114 100

63 22.1 17.0 25.4

88 17.6 13.0 19.4





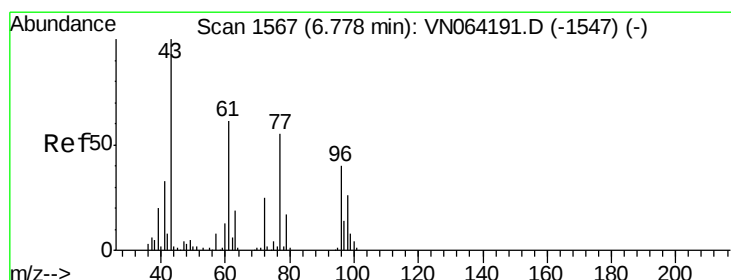
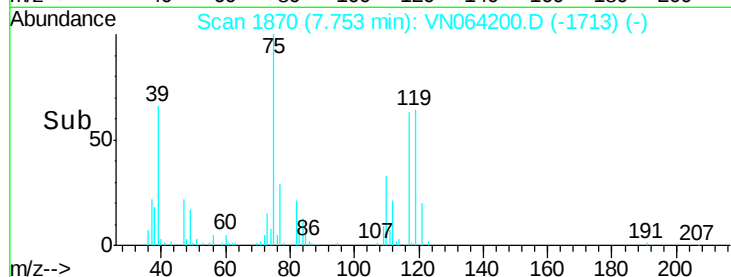
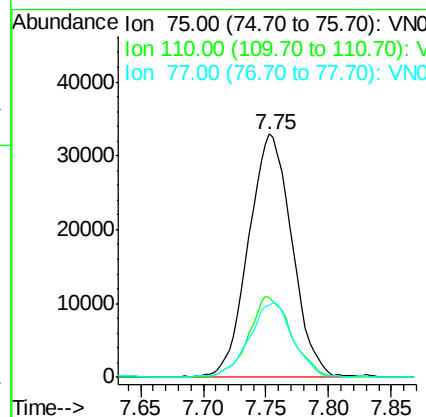
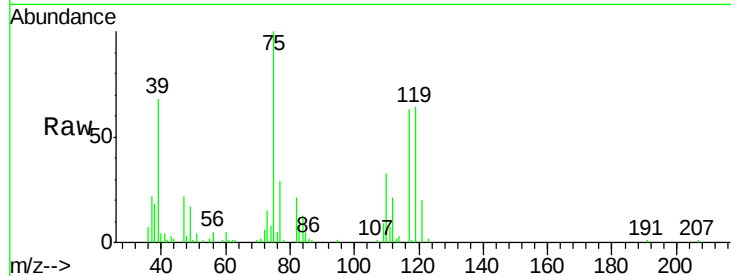
#29
 1,1-Dichloropropene
 Concen: 17.547 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.7	0.0	66.8
77	30.9	0.0	63.6

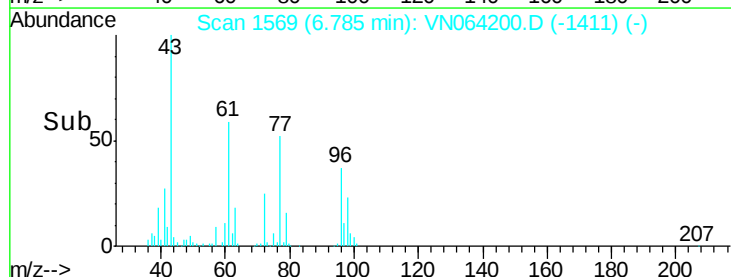
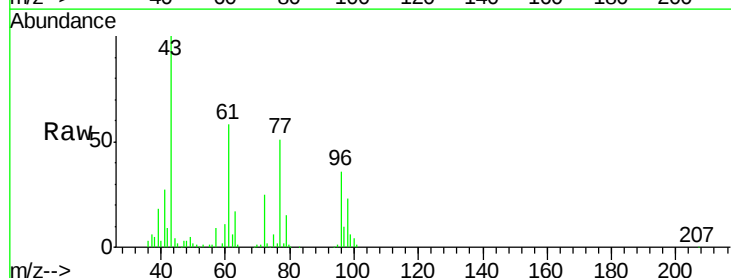
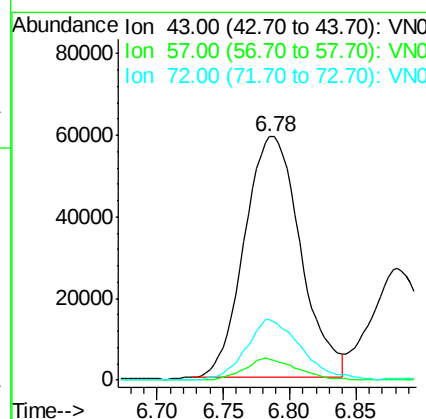
Manual Integrations
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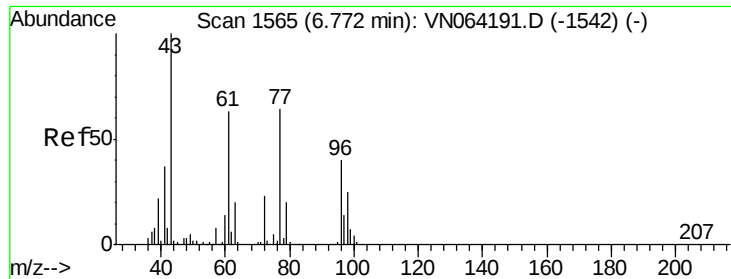
MMDadoda
 10/23/2020 2:28:55 PM



#30
 2-Butanone
 Concen: 93.643 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	5.8	8.6
72	24.8	19.8	29.8





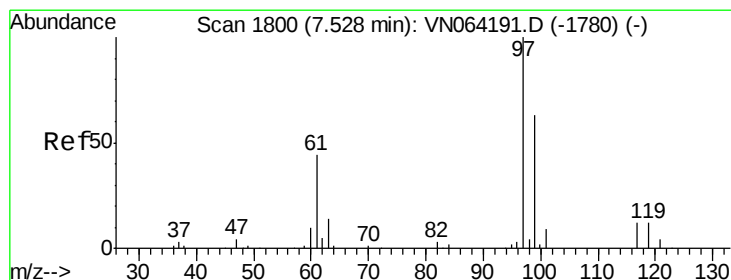
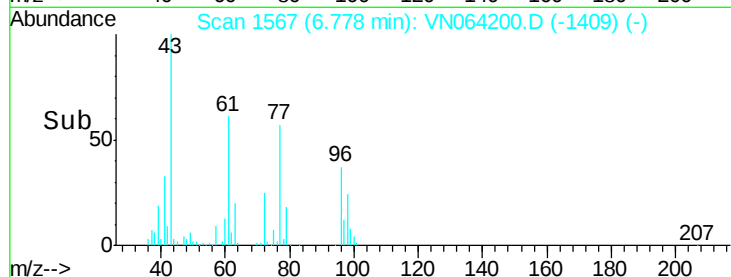
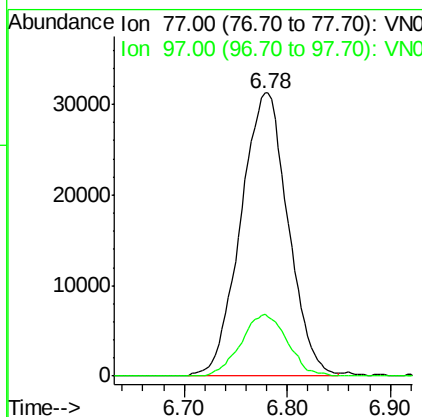
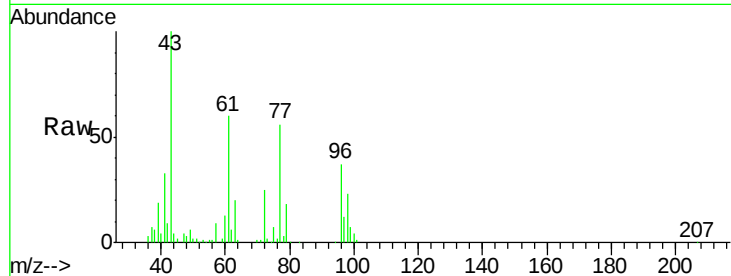
#31
 2,2-Dichloropropane
 Concen: 17.404 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS02

Tot Ion: 77 Resp: 99938
 Ion Ratio Lower Upper
 77 100
 97 21.3 17.3 25.9

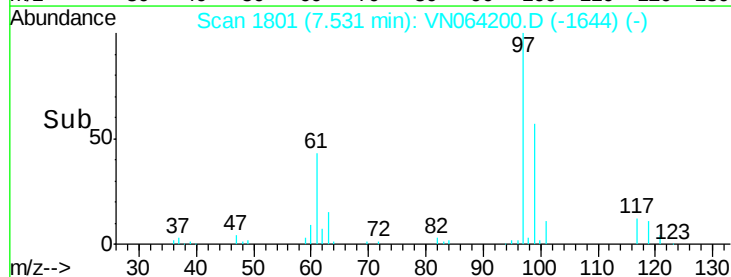
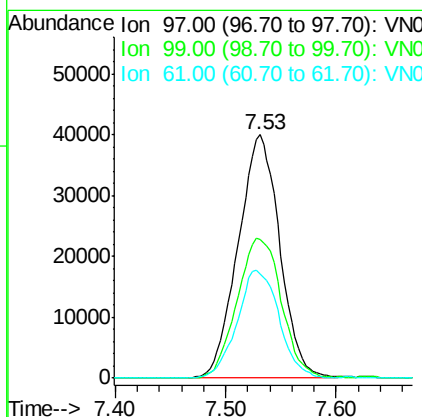
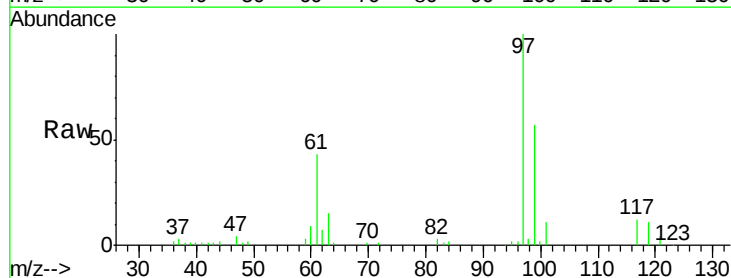
Manual Integrations
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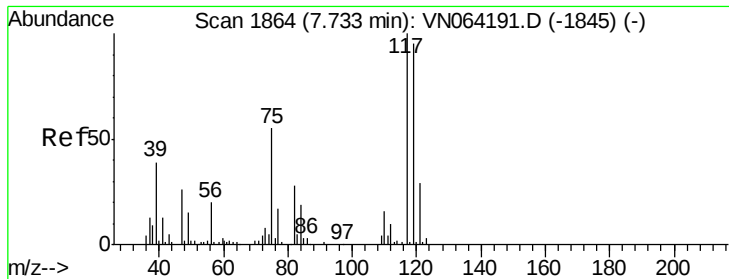
MMDadoda
 10/23/2020 2:28:55 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.179 ug/l
 RT: 7.53 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Tgt Ion: 97 Resp: 104769
 Ion Ratio Lower Upper
 97 100
 99 61.2 51.3 76.9
 61 44.5 34.8 52.2





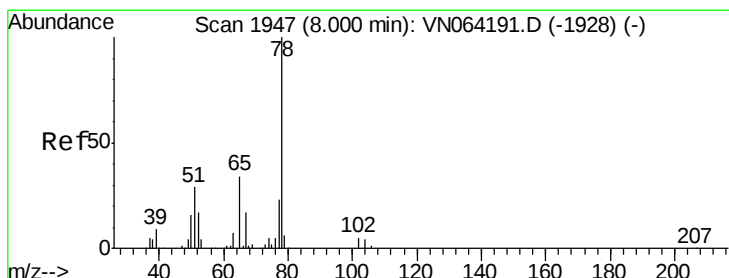
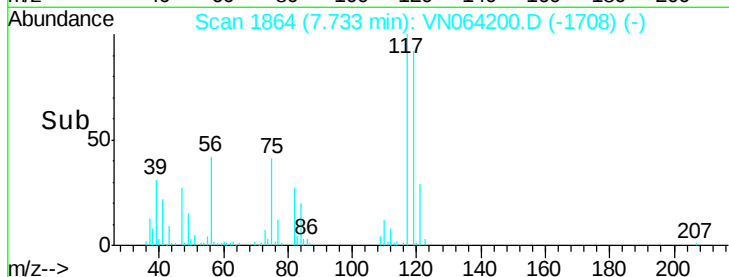
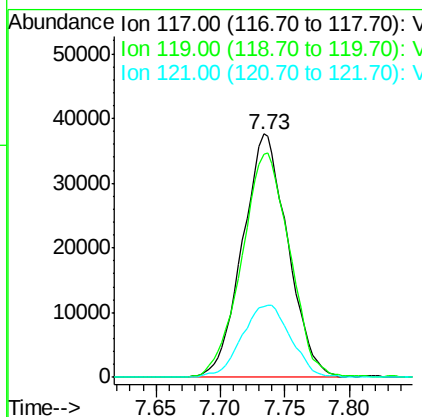
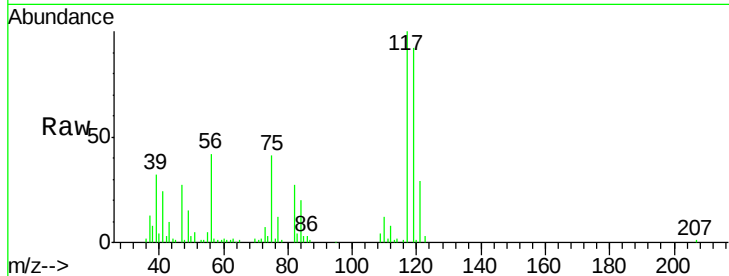
#33
Carbon Tetrachloride
Concen: 17.494 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.0	114.0
121	29.3	23.0	34.6

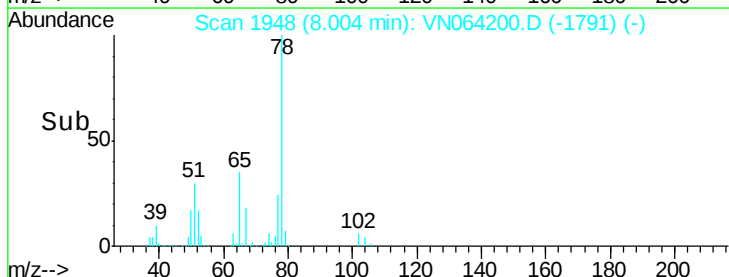
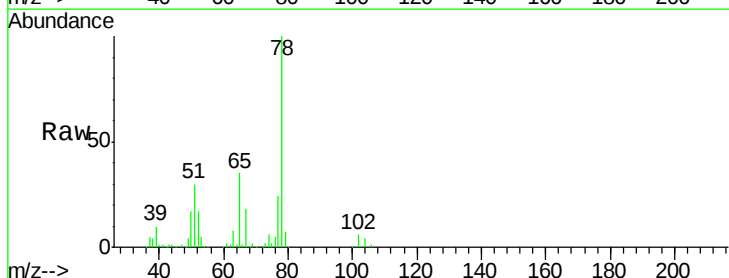
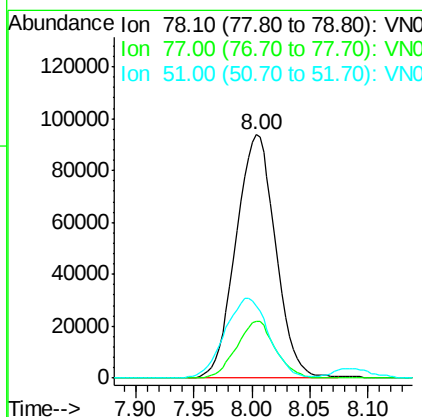
Manual Integrations
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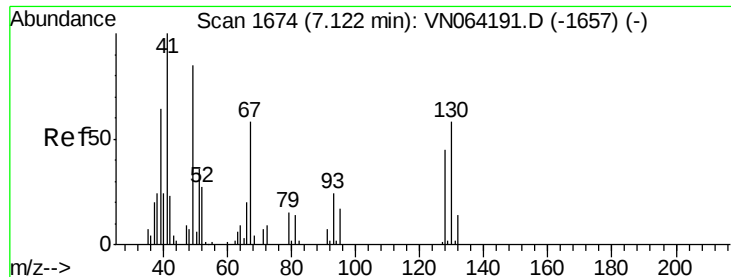
MMDadoda
10/23/2020 2:28:55 PM



#34
Benzene
Concen: 17.754 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.4	27.6
51	29.0	23.0	34.6





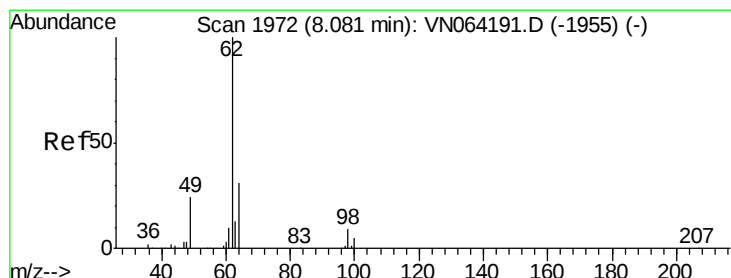
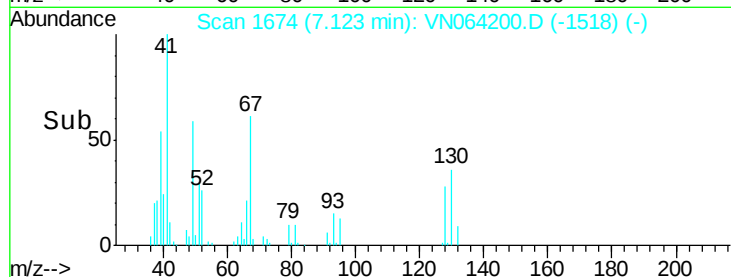
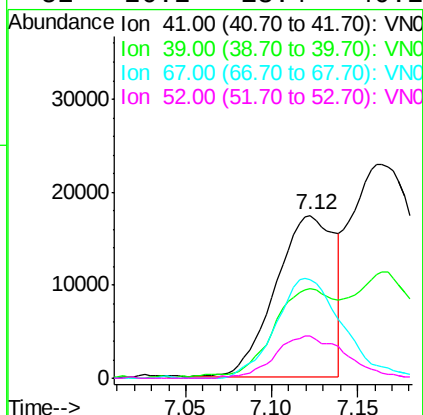
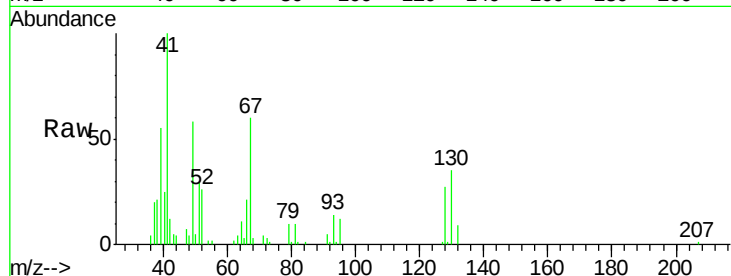
#35
Methacrylonitrile
Concen: 20.122 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41168	41	100		
	39	54.6	32.1	96.3
	67	61.1	28.9	86.8
	52	26.2	13.4	40.2

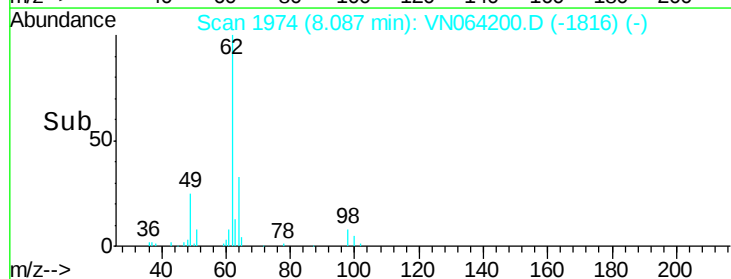
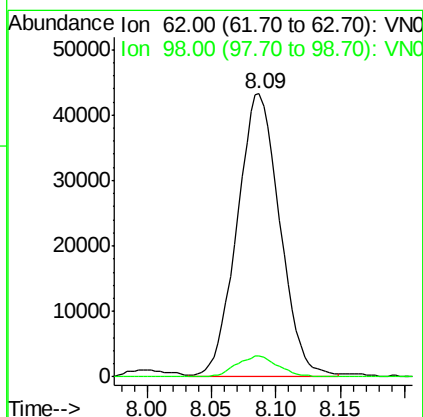
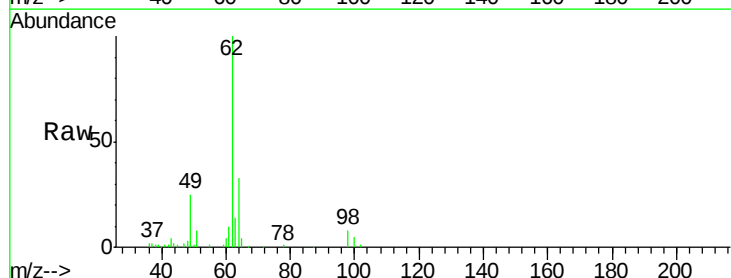
Manual Integrations
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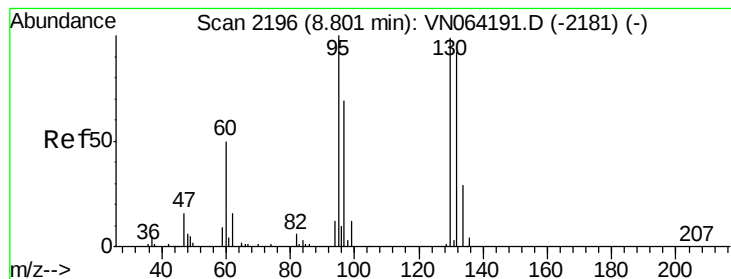
MMDadoda
10/23/2020 2:28:55 PM



#36
1,2-Dichloroethane
Concen: 19.662 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
100164	62	100		
	98	7.1	6.3	9.5





#37

Trichloroethene

Concen: 17.757 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS02

Tot Ion:130 Resp: 61578

Ion Ratio Lower Upper

130 100

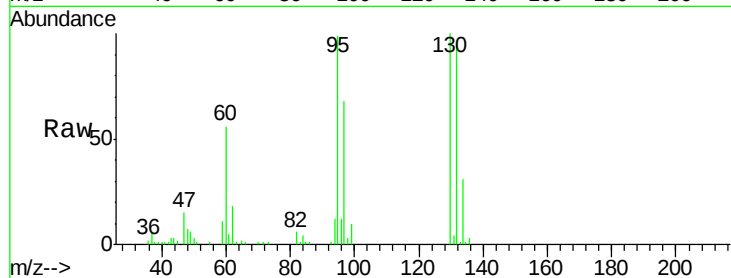
95 98.5 81.0 121.4

Manual Integrations

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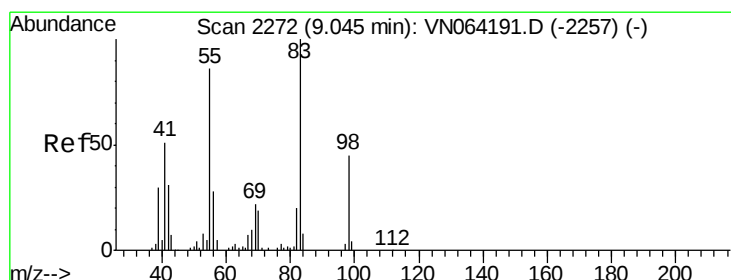
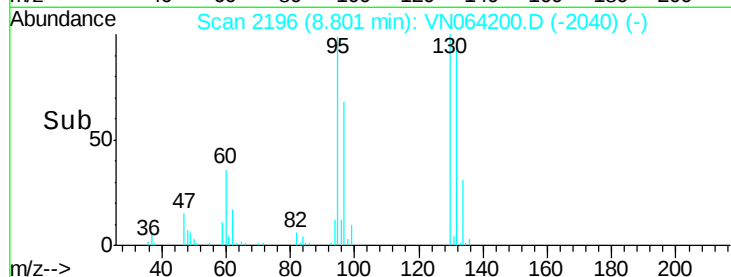
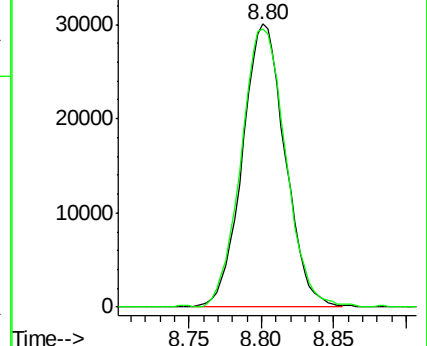
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0



#38

Methylcyclohexane

Concen: 17.184 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

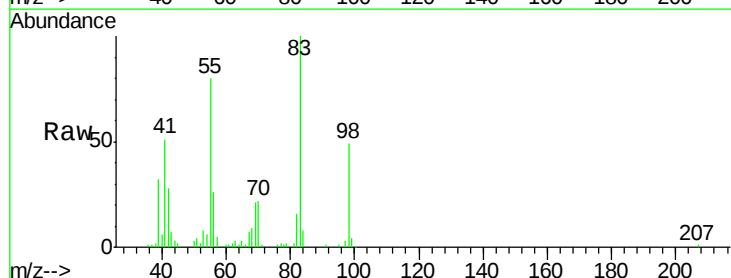
Tgt Ion: 83 Resp: 74336

Ion Ratio Lower Upper

83 100

55 83.0 40.3 120.9

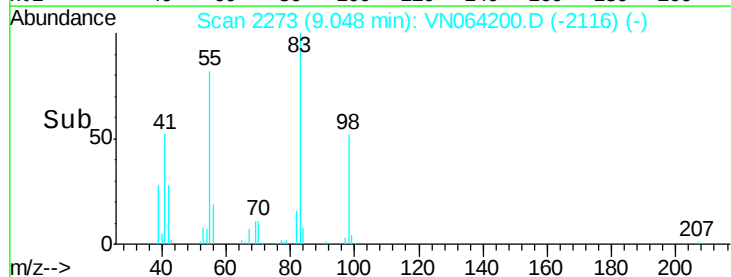
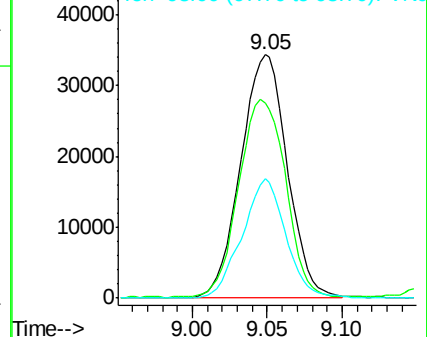
98 46.0 22.4 67.0

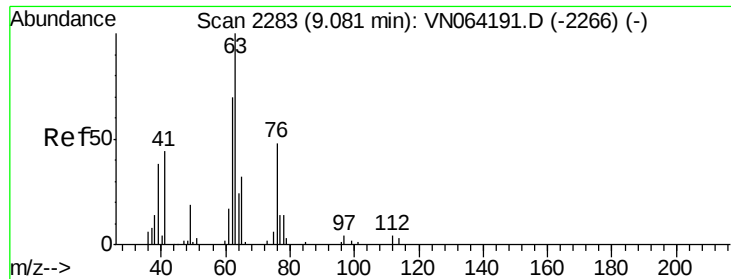


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





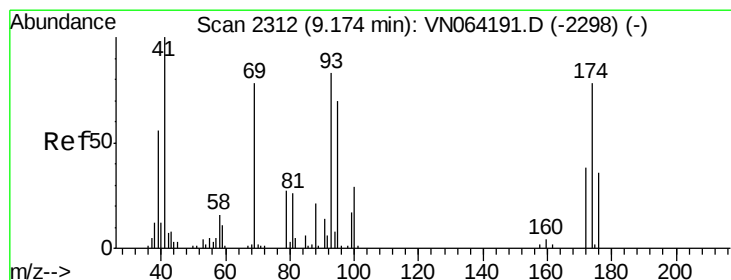
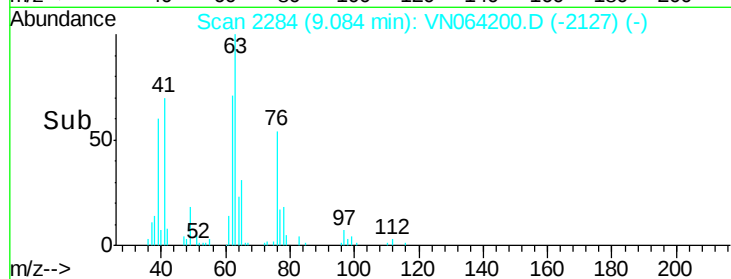
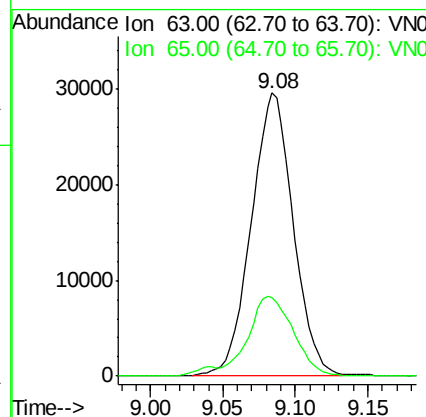
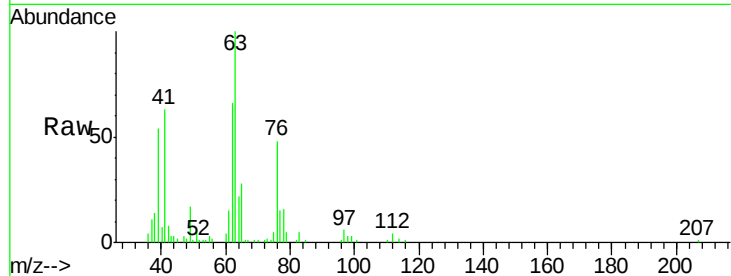
#39
 1,2-Dichloropropane
 Concen: 17.747 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS02

Tot Ion: 63 Resp: 59653
 Ion Ratio Lower Upper
 63 100
 65 27.7 26.5 39.7

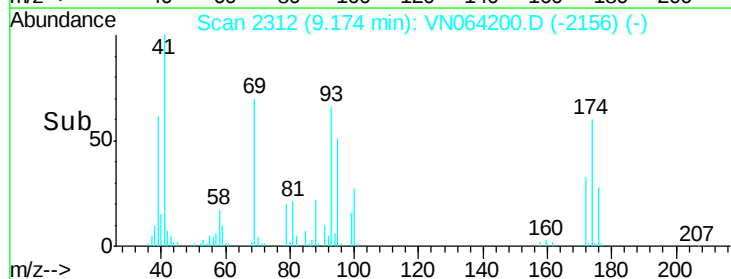
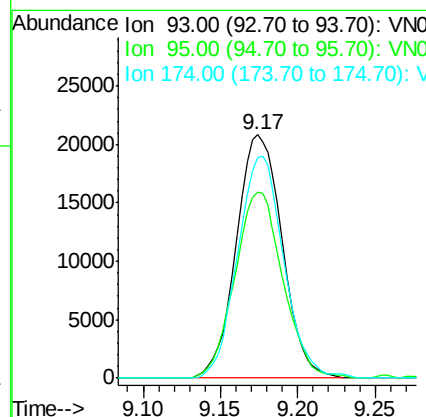
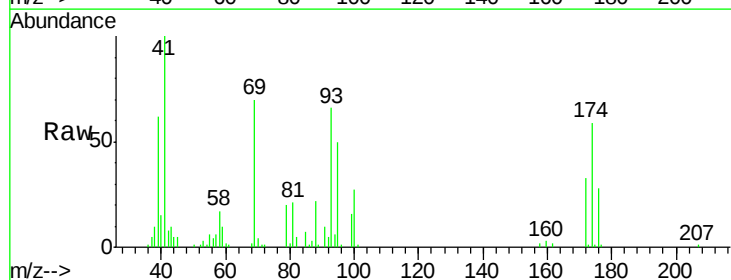
Manual Integrations
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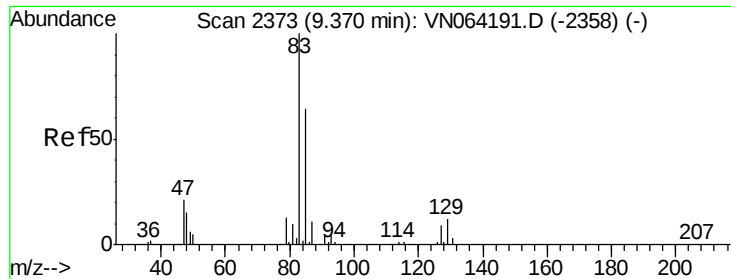
MMDadoda
 10/23/2020 2:28:55 PM



#40
 Dibromomethane
 Concen: 18.369 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Tgt Ion: 93 Resp: 42959
 Ion Ratio Lower Upper
 93 100
 95 80.0 0.0 169.2
 174 90.9 0.0 187.4





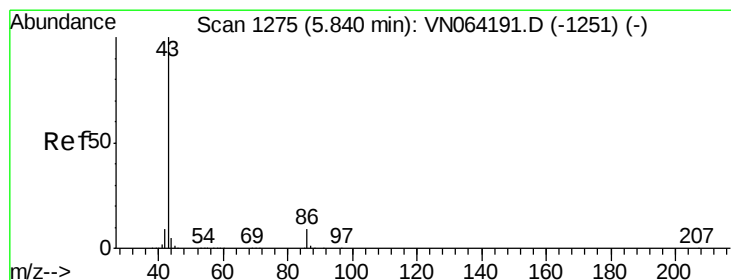
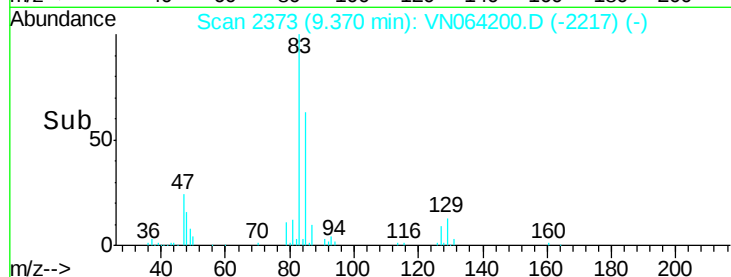
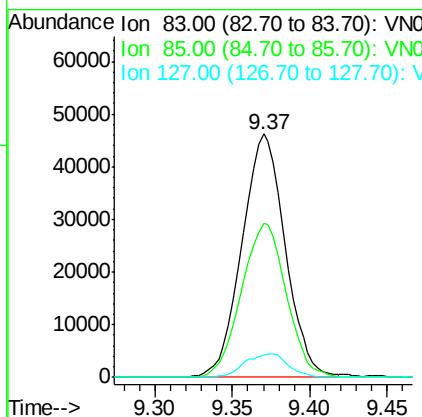
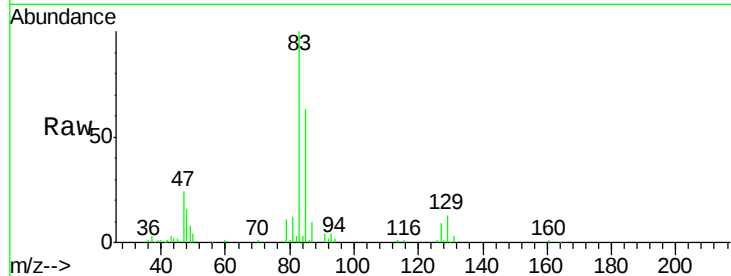
#41
Bromodichloromethane
Concen: 17.774 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	83	Resp	89960
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	51.5	77.3
127	9.2	6.8	10.2

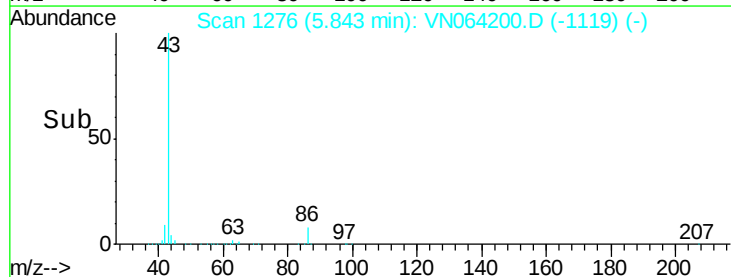
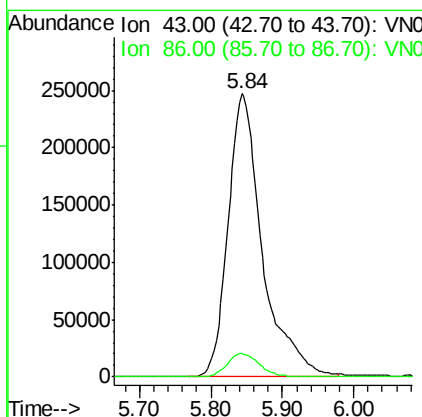
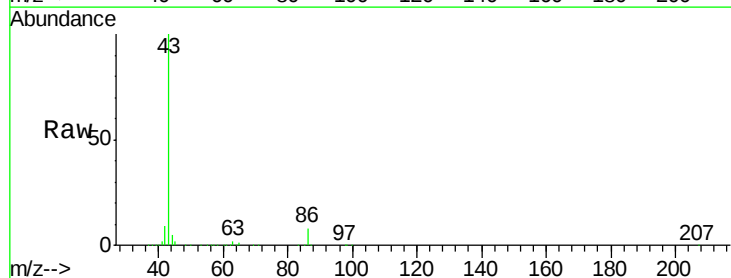
Manual Integrations
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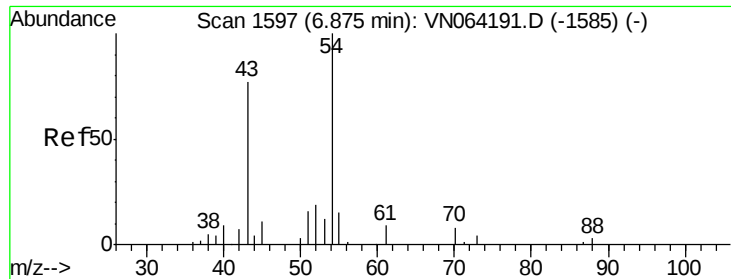
MMDadoda
10/23/2020 2:28:55 PM



#42
Vinyl Acetate
Concen: 92.949 ug/l
RT: 5.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	43	Resp	823062
Ion Ratio	100	Lower	Upper
43	100		
86	7.9	6.7	10.1





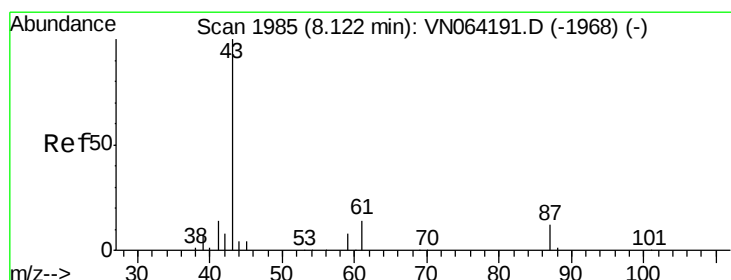
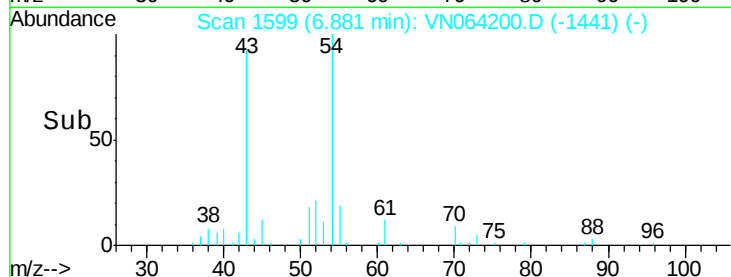
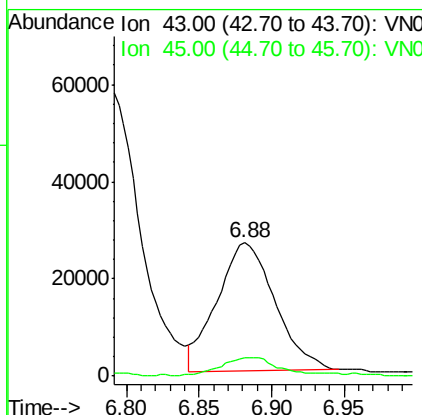
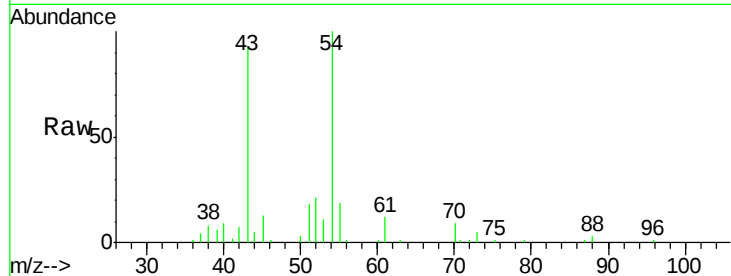
#43
Ethyl Acetate
Concen: 17.936 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion: 43 Resp: 73064
Ion Ratio Lower Upper
43 100
45 13.4 9.8 14.8

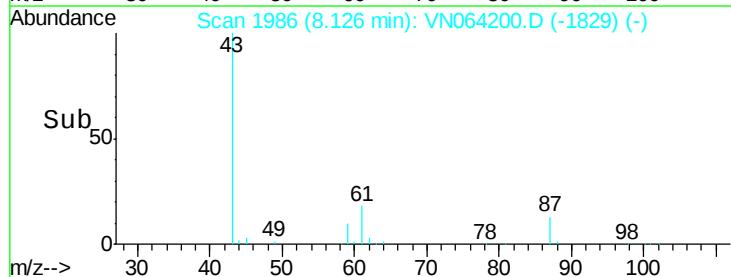
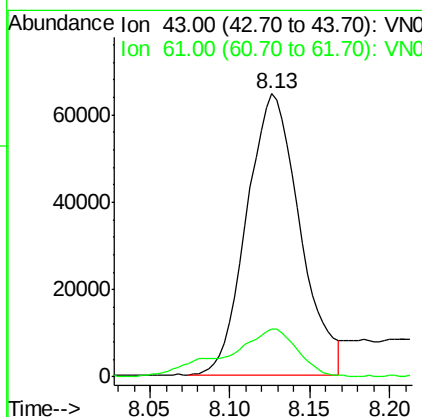
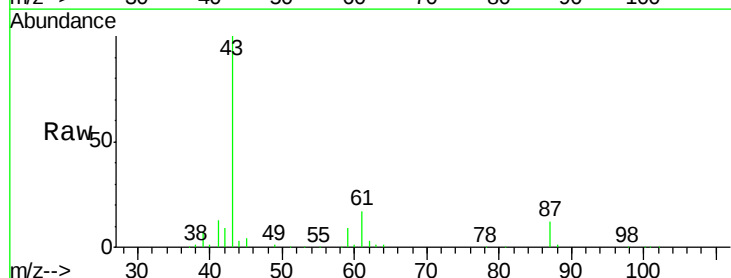
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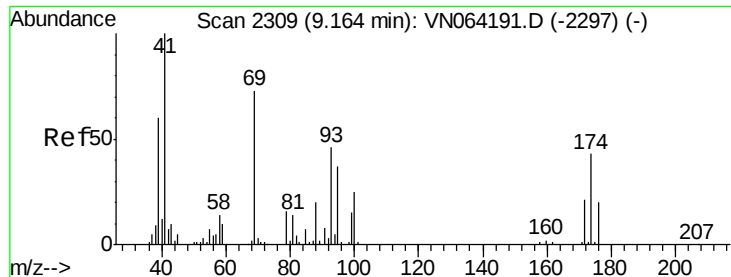
MMDadoda
10/23/2020 2:28:55 PM



#44
Isopropyl Acetate
Concen: 18.816 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 43 Resp: 147157
Ion Ratio Lower Upper
43 100
61 16.4 18.7 28.1#





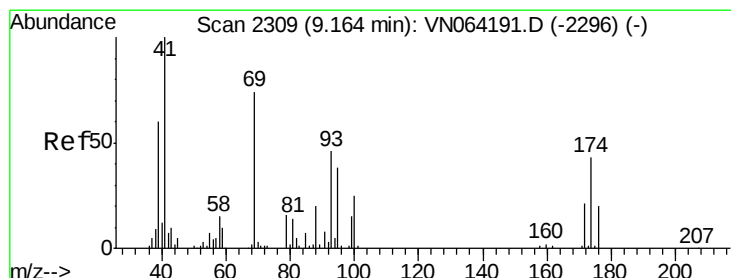
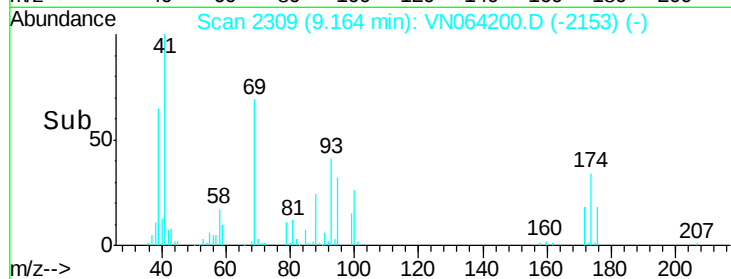
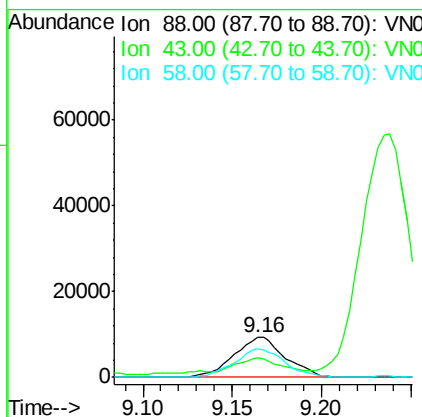
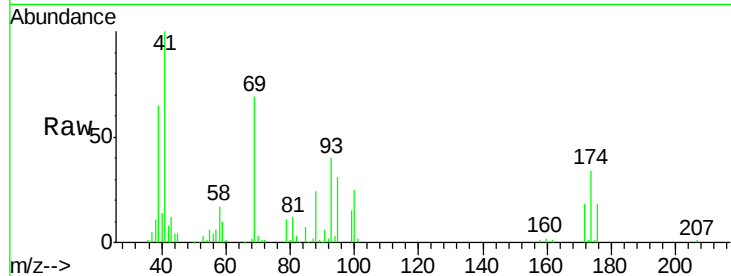
#45
1,4-Dioxane
Concen: 409.199 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.0	37.0	55.4
58	69.6	62.4	93.6

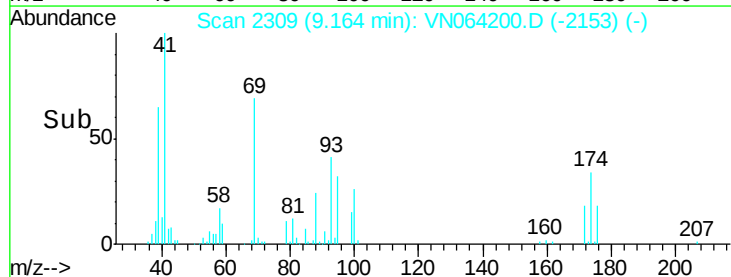
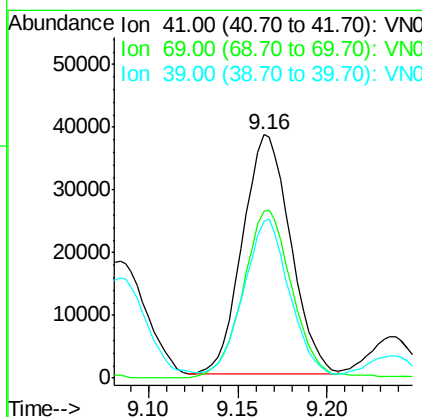
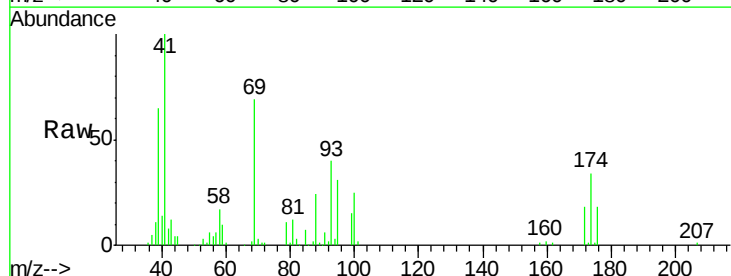
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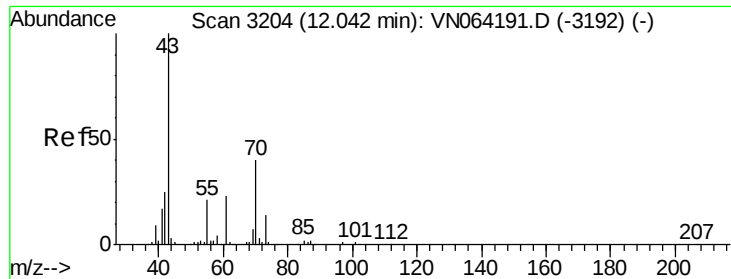
MMDadoda
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#46
Methyl methacrylate
Concen: 19.443 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	69.3	36.8	110.4
39	64.1	30.4	91.2





#47

n-amvl Acetate

Concen: 17.816 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS02

Tot Ion: 43 Resp: 123605

Ion Ratio Lower Upper

43 100

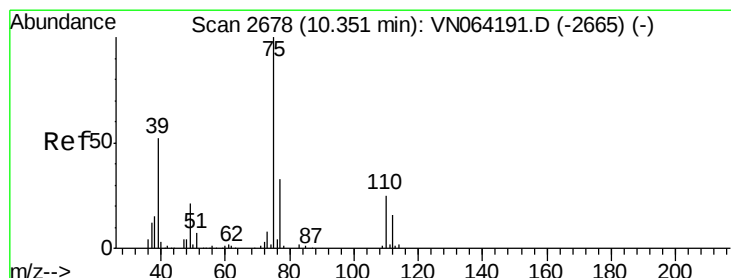
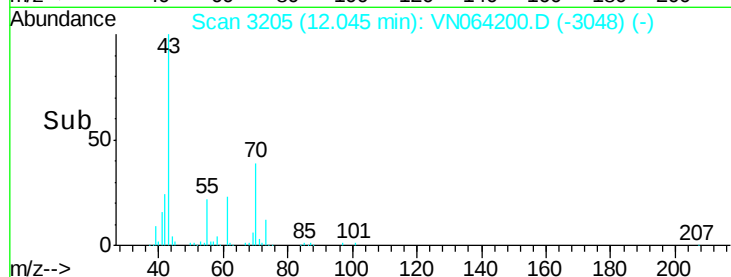
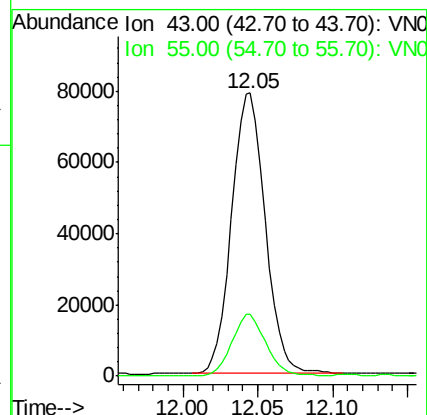
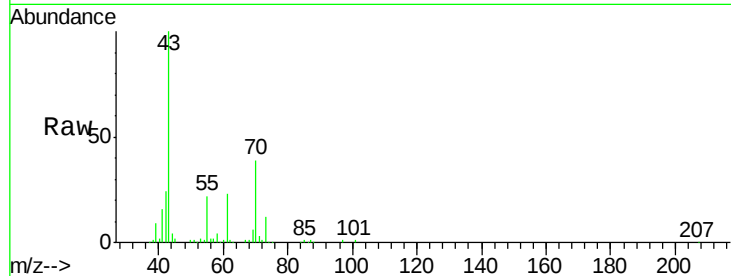
55 22.1 17.6 26.4

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 18.497 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064200.D

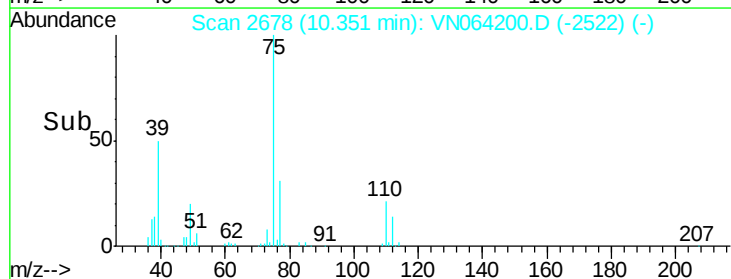
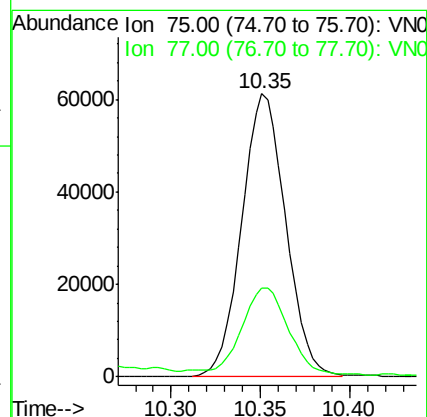
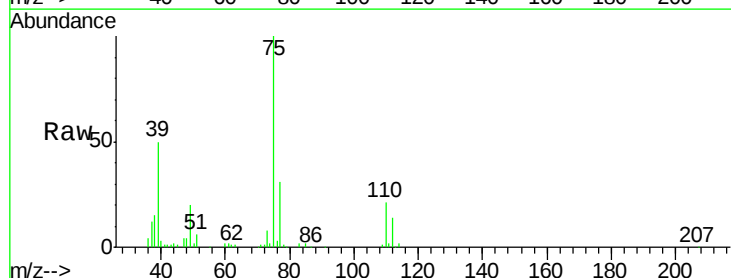
Acq: 20 Oct 2020 17:06

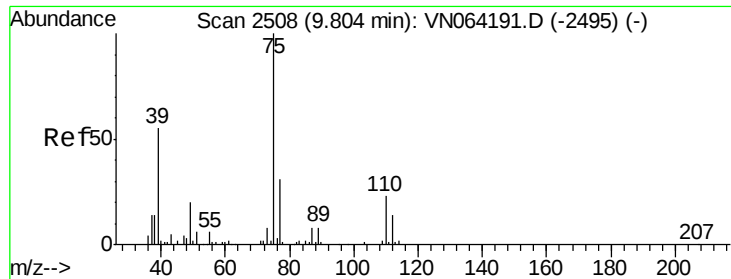
Tgt Ion: 75 Resp: 105587

Ion Ratio Lower Upper

75 100

77 30.4 27.4 41.2





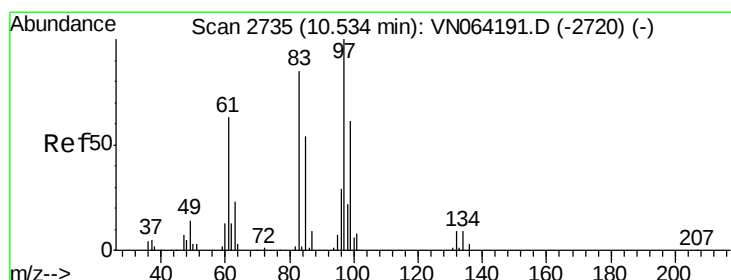
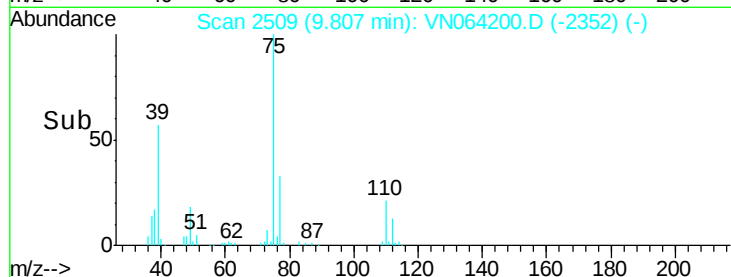
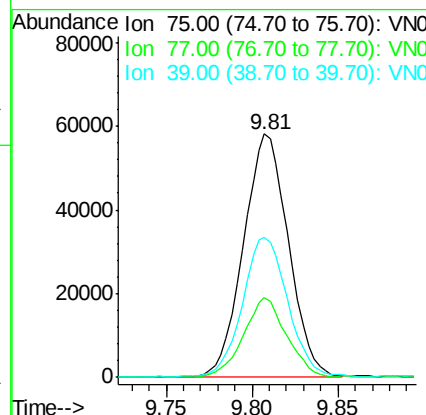
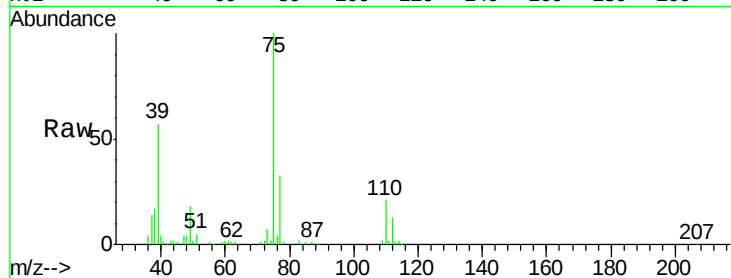
#49
 cis-1,3-Dichloropropene
 Concen: 17.926 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.5	36.7
39	56.9	43.8	65.8

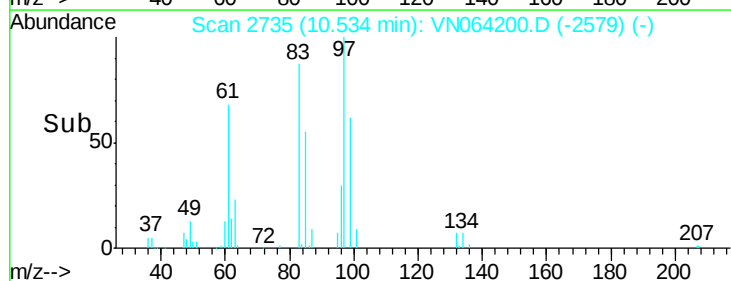
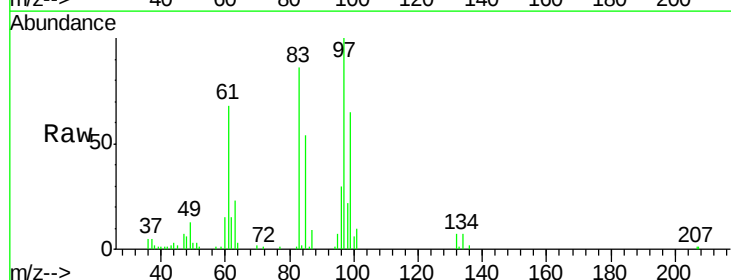
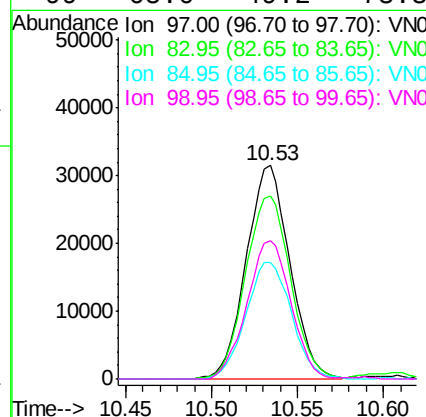
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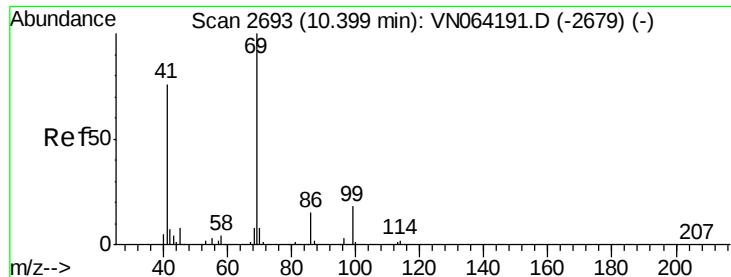
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#50
 1,1,2-Trichloroethane
 Concen: 17.715 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.7	101.5
85	54.3	43.2	64.8
99	65.0	49.2	73.8





#51

Ethyl methacrylate

Concen: 18.485 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

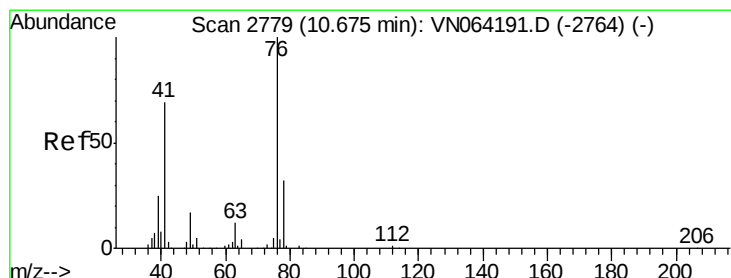
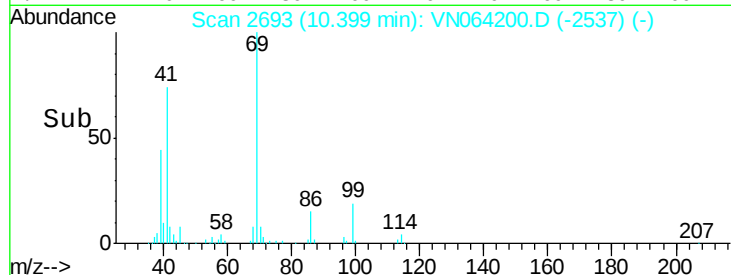
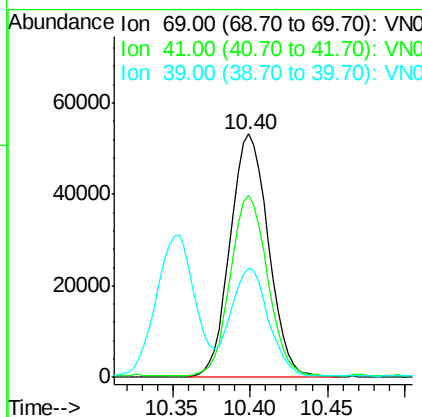
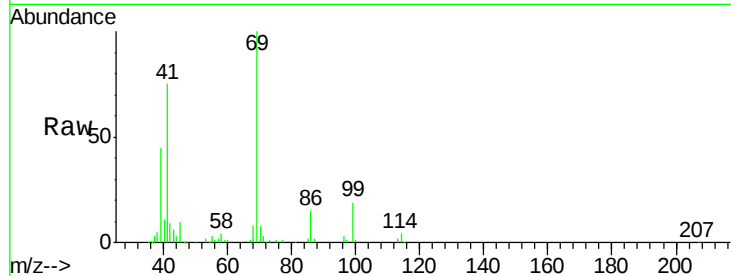
ClientSampleId :

VN1020WBS02

Tot Ion:	69	Resp:	91581
Ion	Ratio	Lower	Upper
69	100		
41	74.2	38.0	114.1
39	44.0	21.4	64.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.291 ug/l

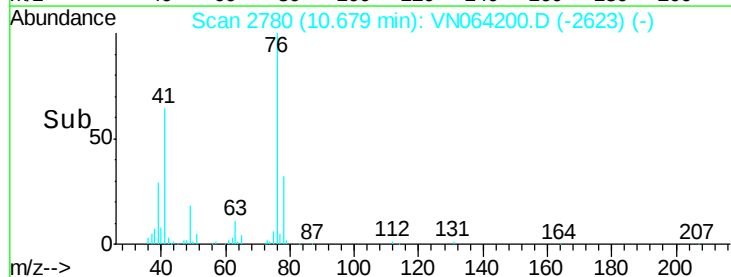
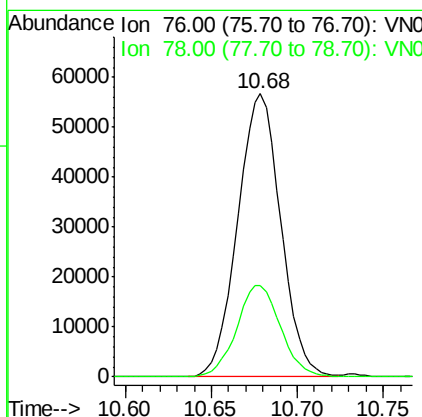
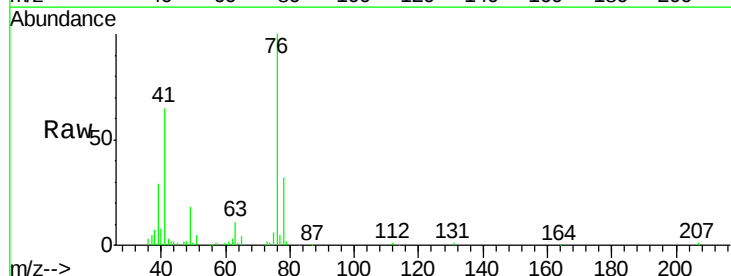
RT: 10.68 min Scan# 2780

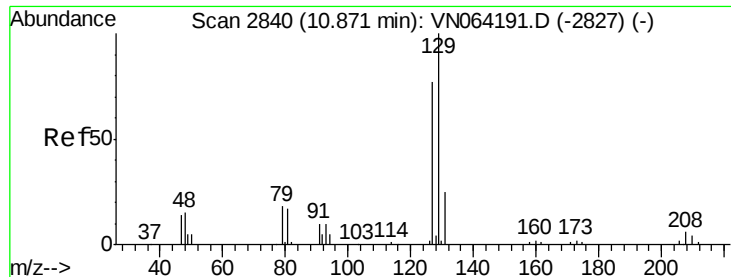
Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Tgt Ion:	76	Resp:	98804
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	64.4





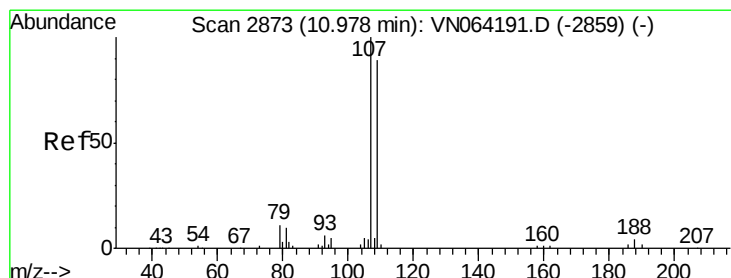
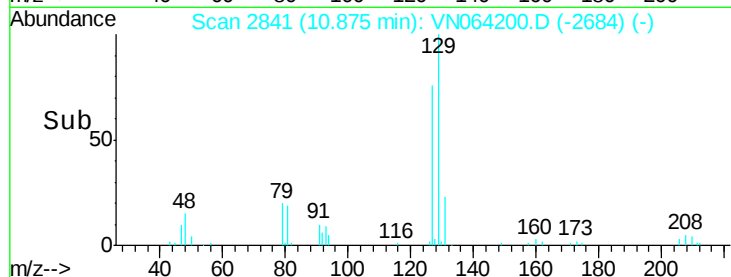
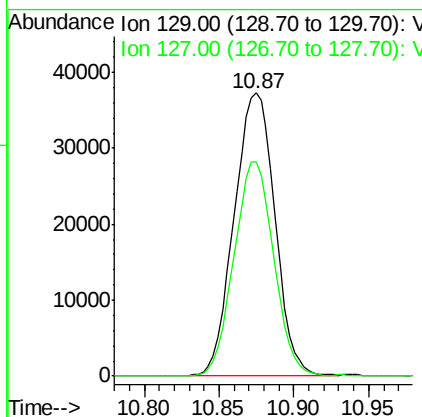
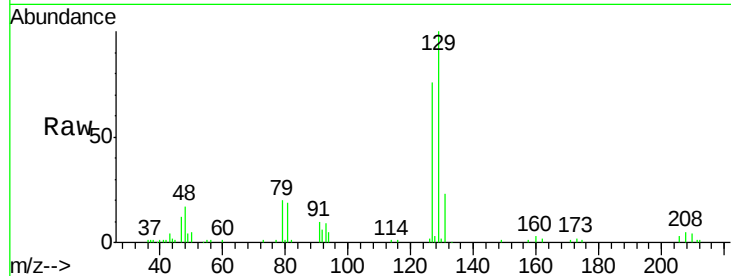
#53
Dibromochloromethane
Concen: 17.995 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion:129 Resp: 70962
Ion Ratio Lower Upper
129 100
127 73.6 39.0 117.0

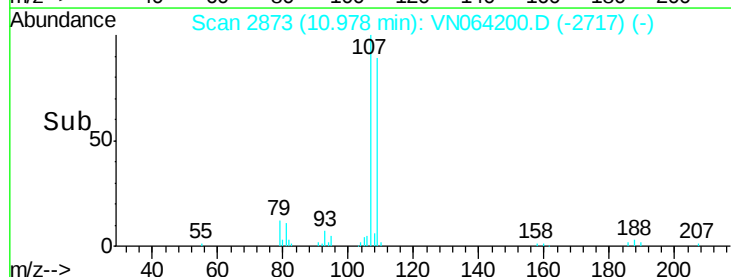
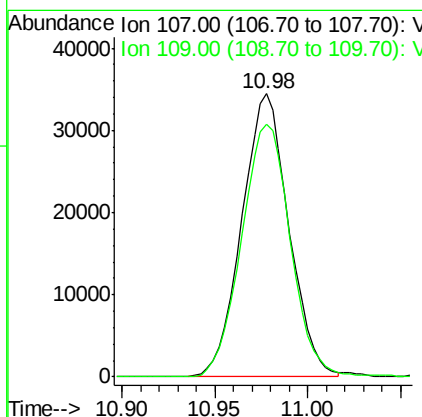
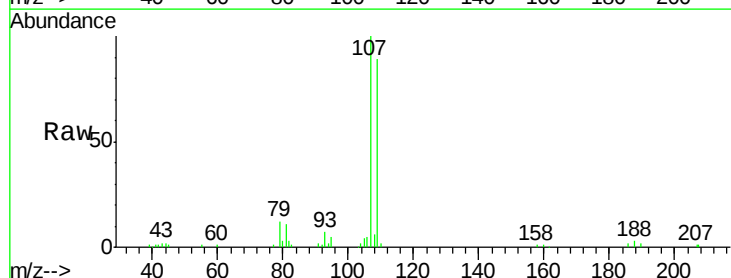
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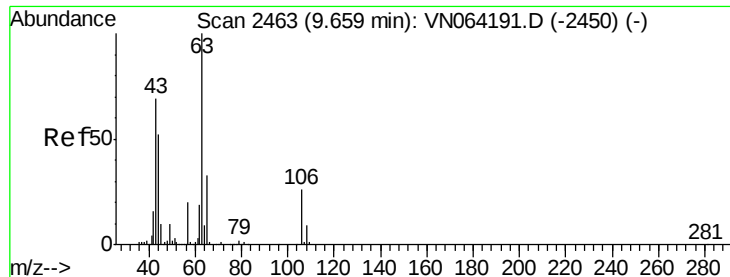
MMDadoda
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#54
1,2-Dibromoethane
Concen: 18.245 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion:107 Resp: 60762
Ion Ratio Lower Upper
107 100
109 92.8 71.8 107.8





#55

2-Chloroethyl vinyl ether

Concen: 96.844 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

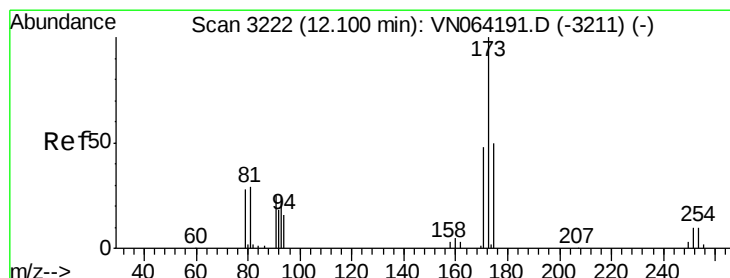
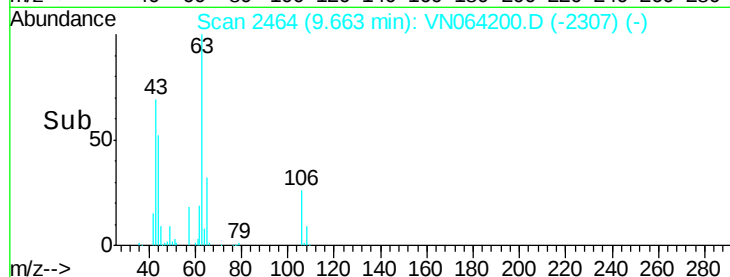
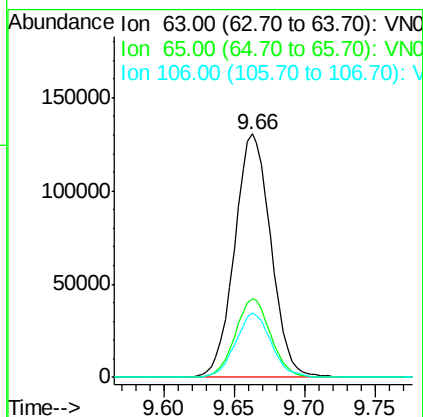
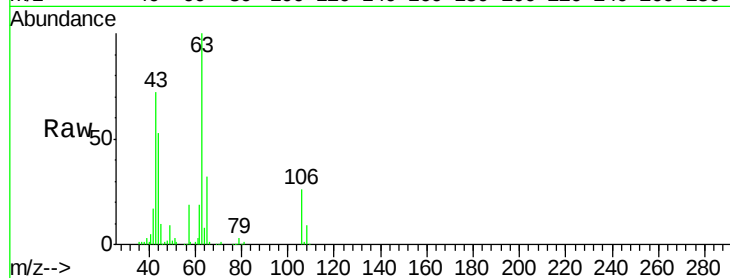
VN1020WBS02

Tot Ion: 63 Resp: 235815
Ion Ratio Lower Upper

63	100		
65	31.6	25.9	38.9
106	25.9	21.4	32.2

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#56

Bromoform

Concen: 17.559 ug/l

RT: 12.10 min Scan# 3222

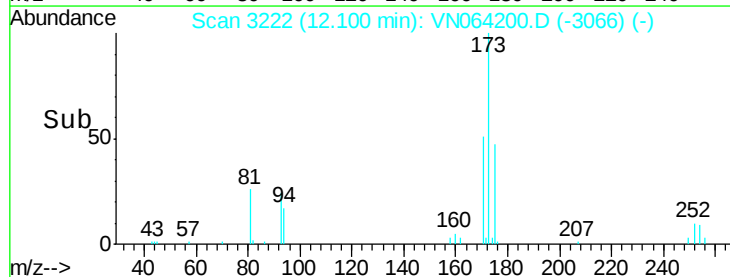
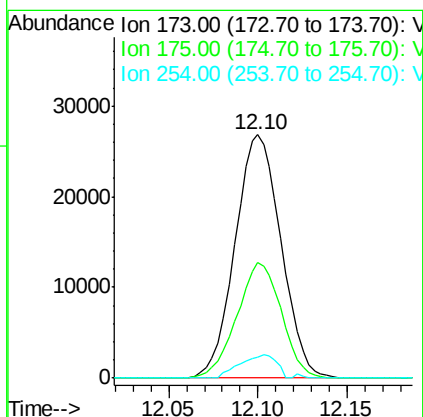
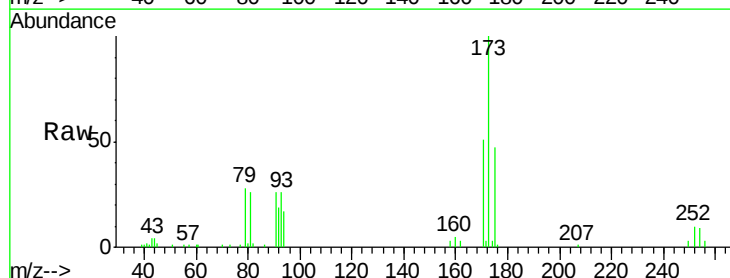
Delta R.T. 0.00 min

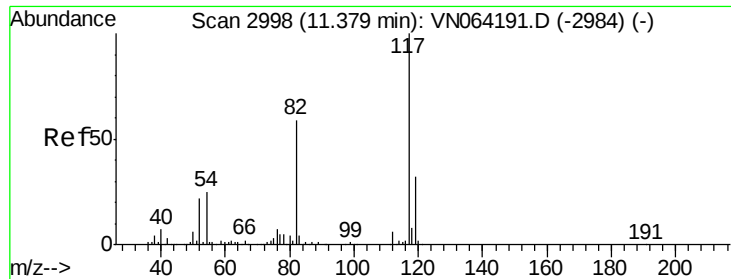
Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Tgt Ion: 173 Resp: 48223
Ion Ratio Lower Upper

173	100		
175	46.2	39.0	58.4
254	7.7	6.8	10.2





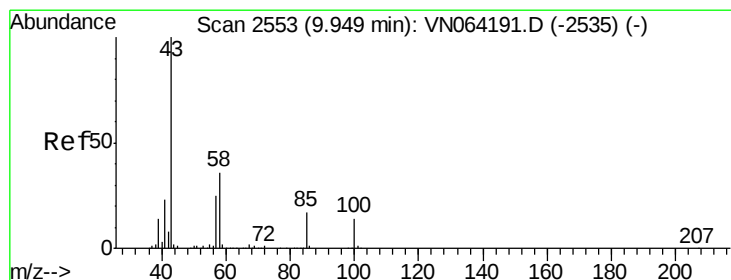
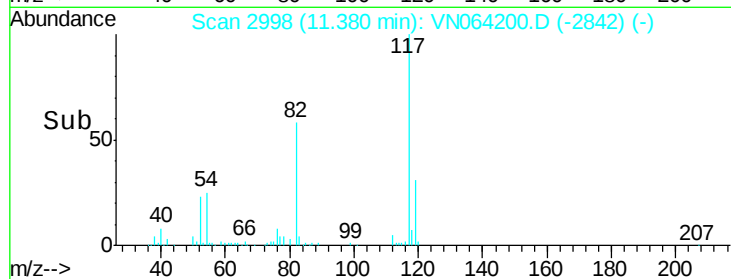
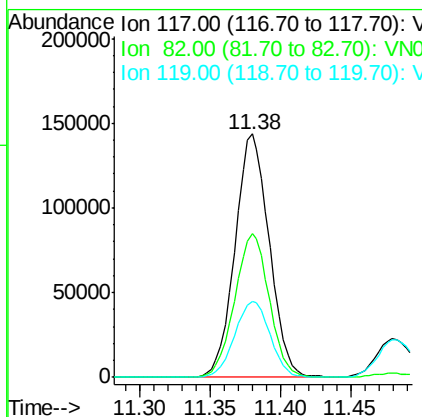
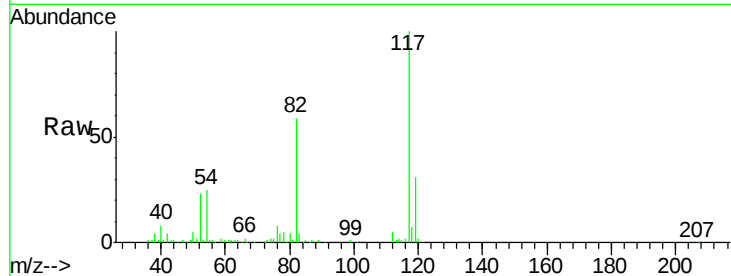
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	244530		
82	59.3		47.8	71.8
119	32.1		25.7	38.5

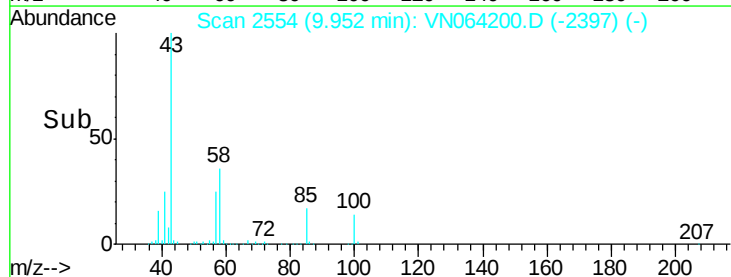
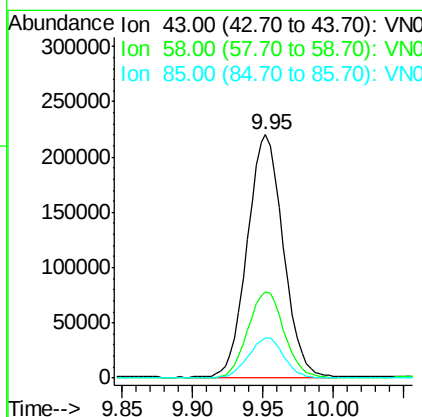
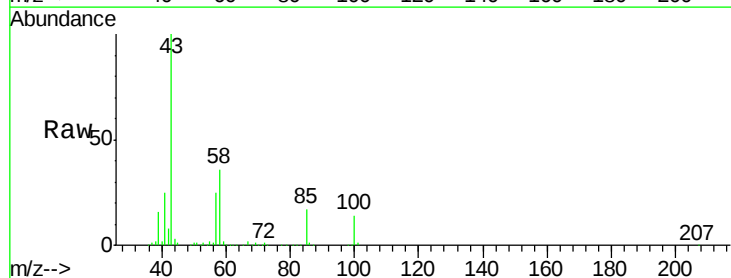
Manual Integrations
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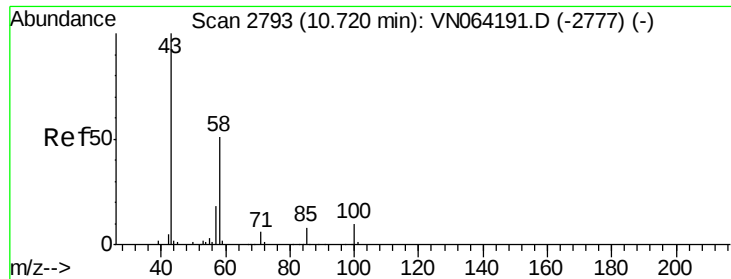
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 94.427 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	391278		
58	36.2		29.5	44.3
85	16.5		13.7	20.5





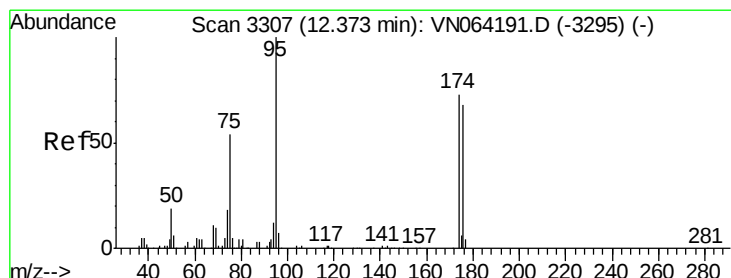
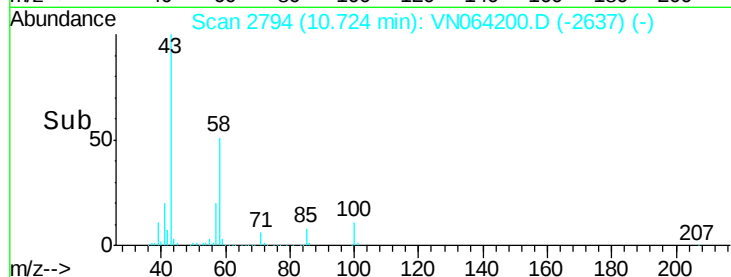
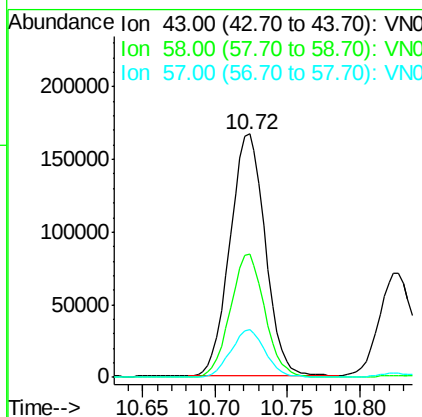
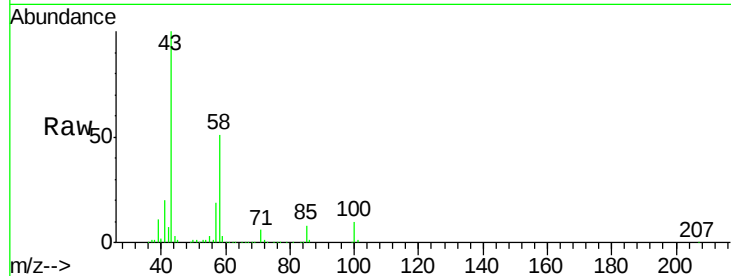
#59
2-Hexanone
Concen: 91.767 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.6	40.2	60.4
57	19.2	14.8	22.2

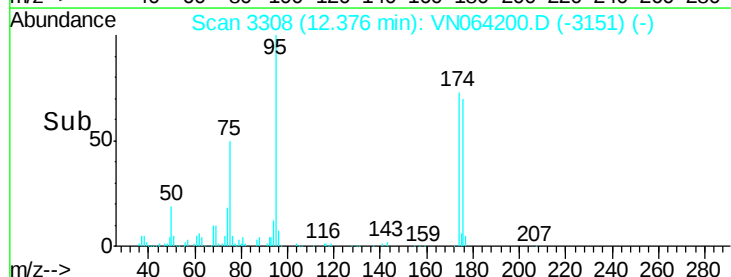
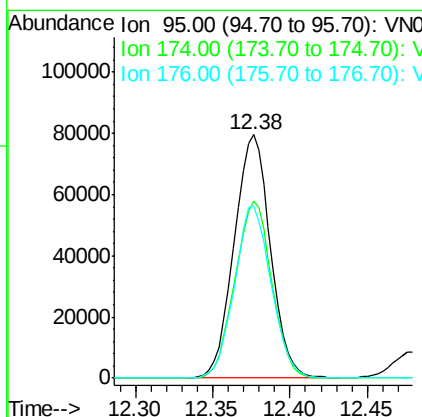
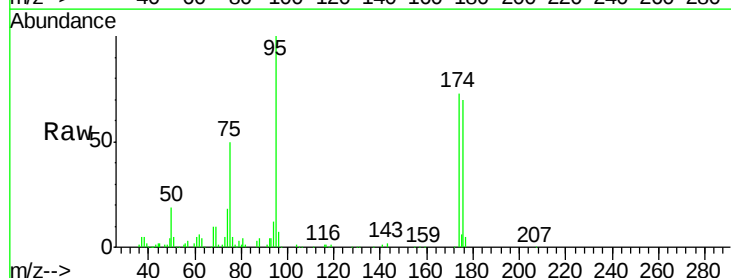
Manual Integrations
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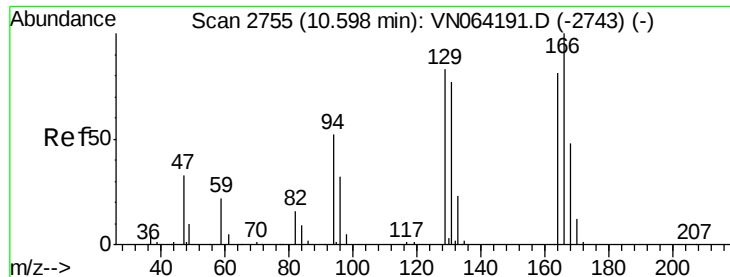
MMDadoda
10/23/2020 2:28:55 PM



#60
4-Bromofluorobenzene
Concen: 29.502 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.1	57.6	86.4
176	71.7	54.9	82.3





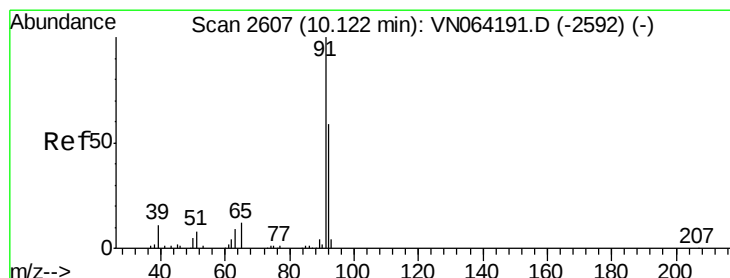
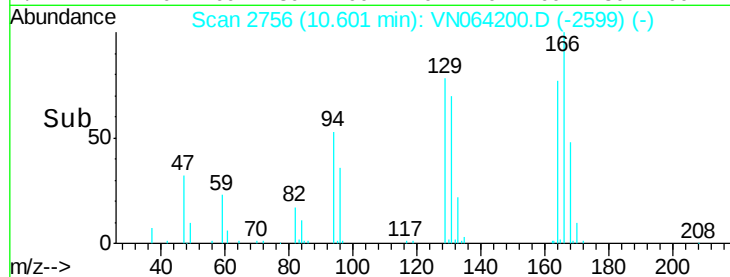
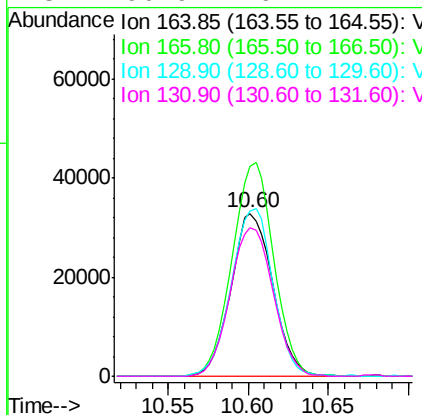
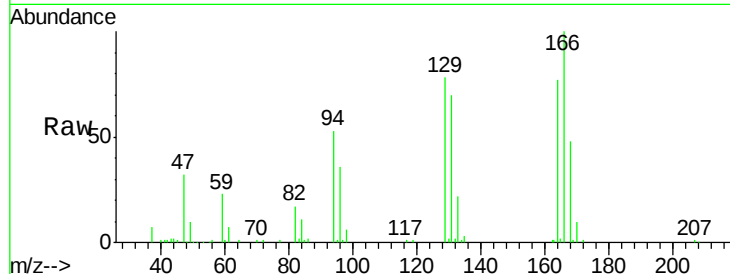
#61
Tetrachloroethene
Concen: 17.772 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	164	Resp	58586
Ion	Ratio	Lower	Upper
164	100		
166	129.1	99.2	148.8
129	100.9	82.8	124.2
131	90.9	76.2	114.4

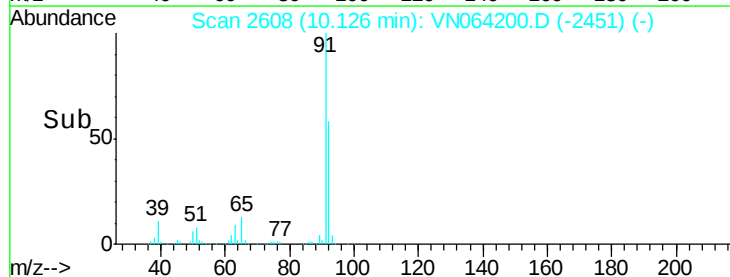
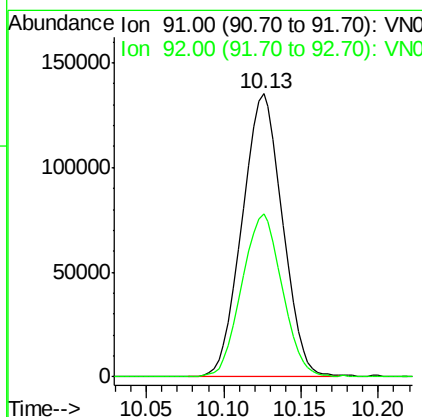
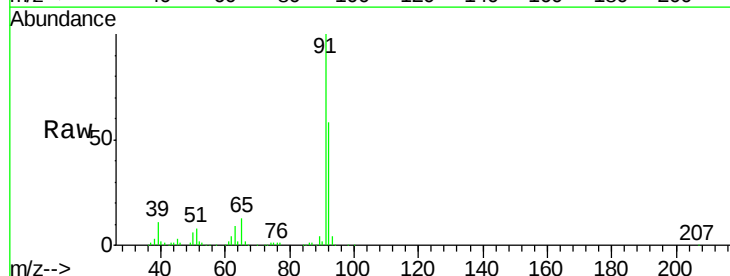
Manual Integrations
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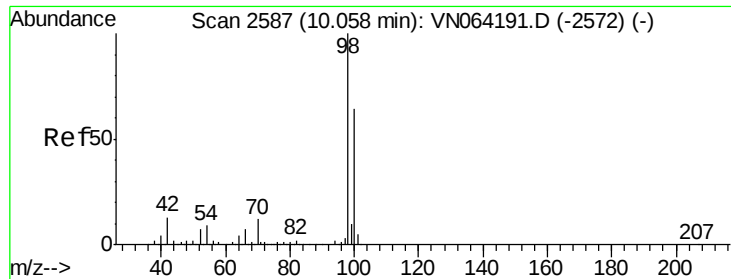
MMDadoda
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#62
Toluene
Concen: 17.603 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	91	Resp	246079
Ion	Ratio	Lower	Upper
91	100		
92	57.6	46.8	70.2





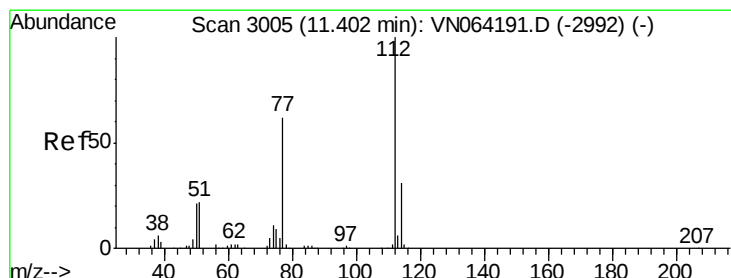
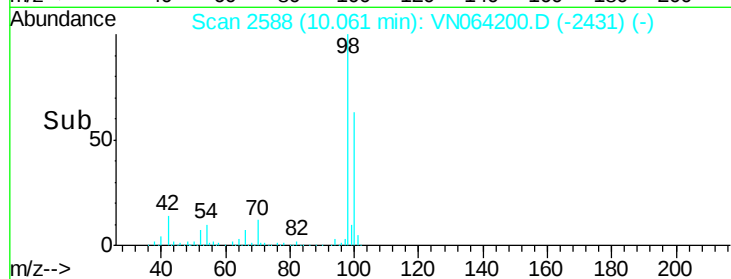
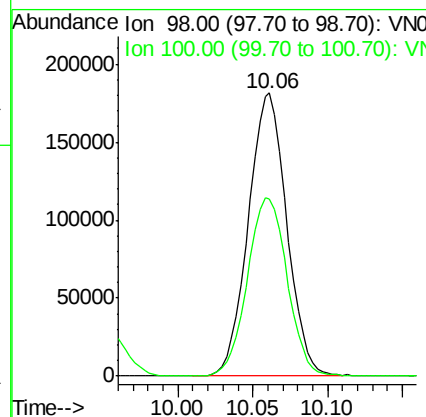
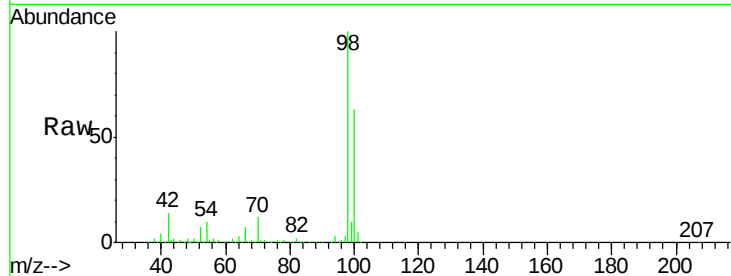
#63
Toluene-d8
Concen: 29.343 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion: 98 Resp: 324843
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.2

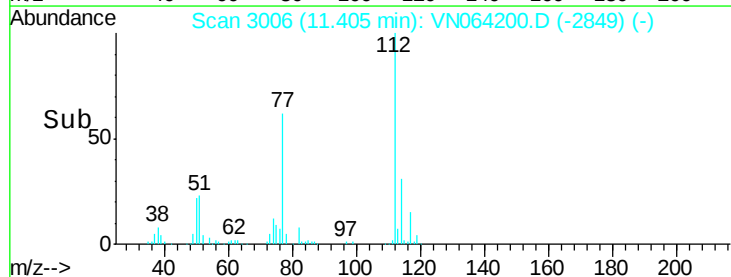
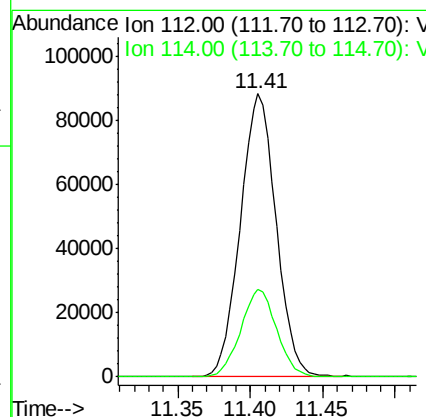
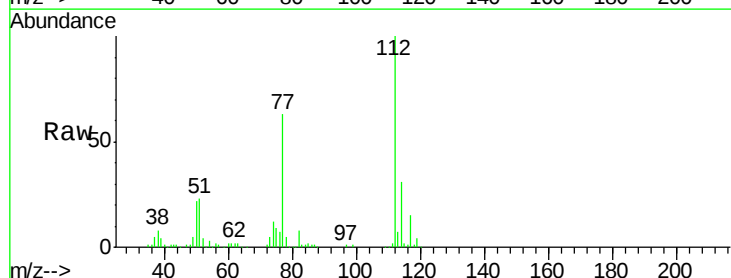
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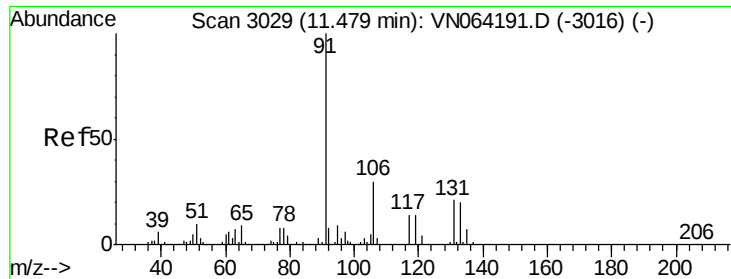
MMDadoda
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#64
Chlorobenzene
Concen: 17.426 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 112 Resp: 151709
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 18.122 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

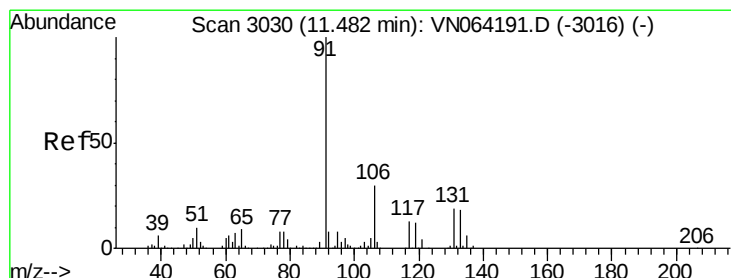
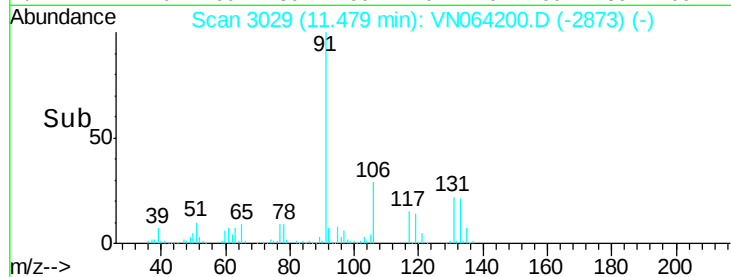
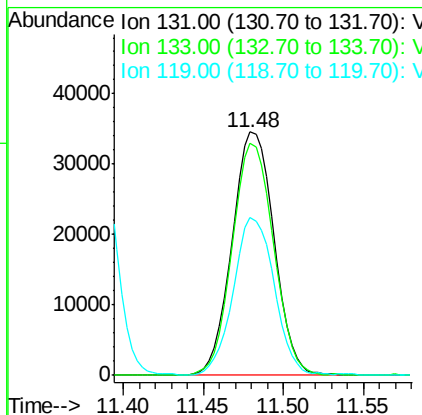
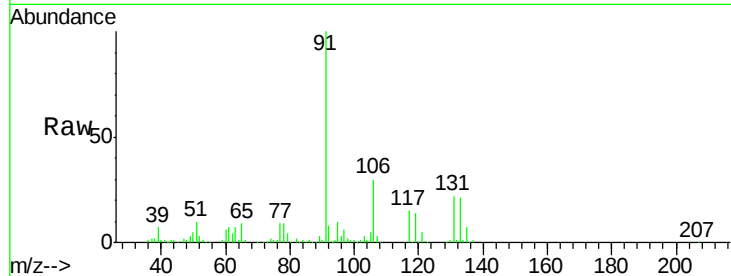
ClientSampleId :

VN1020WBS02

Tot Ion	Ratio	Resp	Lower	Upper
131	100	61813		
133	93.8	0.0	193.0	
119	63.2	0.0	132.2	

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#66

Ethyl Benzene

Concen: 17.583 ug/l

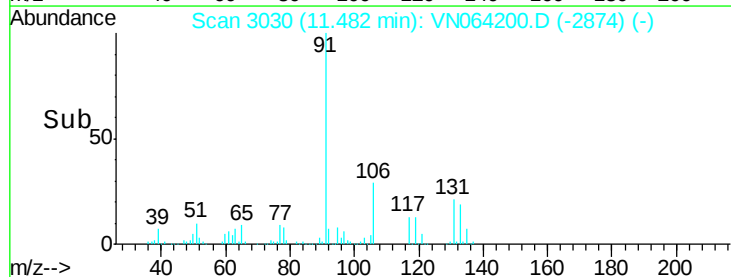
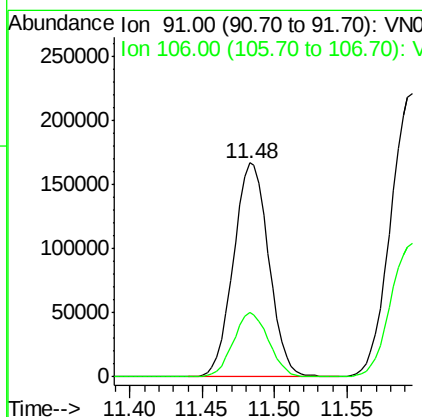
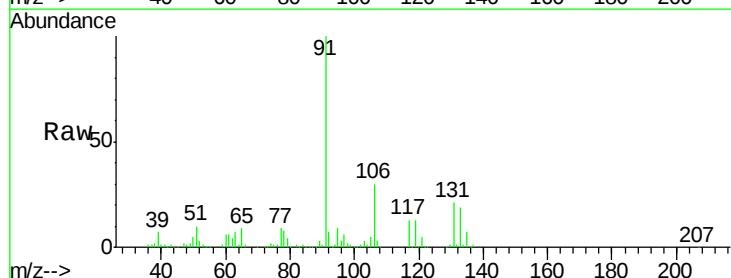
RT: 11.48 min Scan# 3030

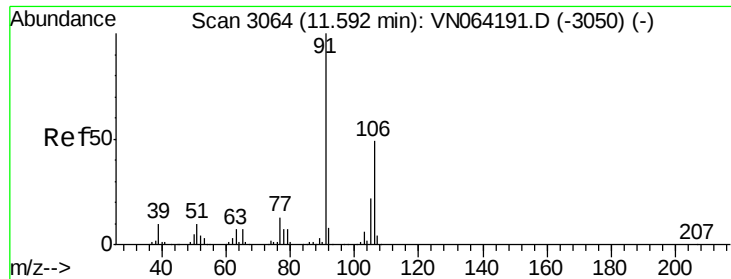
Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	282591		
106	30.1	23.9	35.9	





#67

m/p-Xvlenes

Concen: 34.265 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS02

Tot Ion:106 Resp: 204817

Ion Ratio Lower Upper

106 100

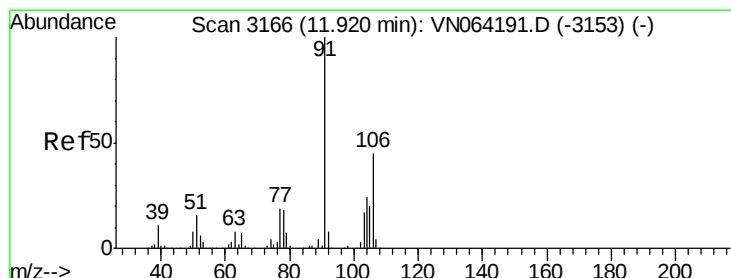
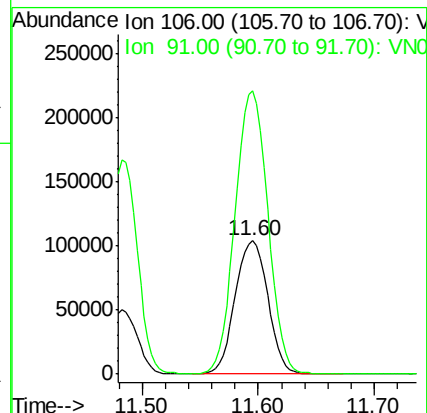
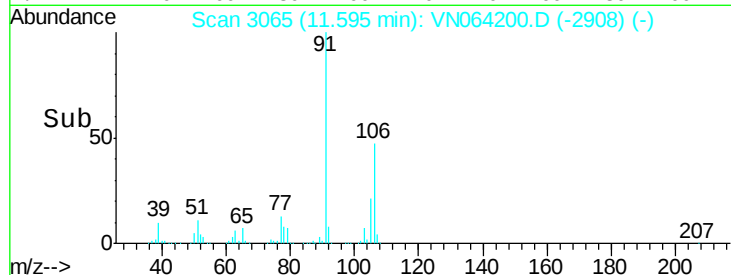
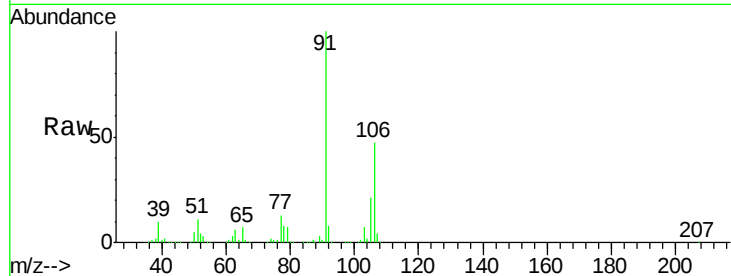
91 211.9 167.9 251.9

Manual Integrations

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#68

o-Xylene

Concen: 17.179 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064200.D

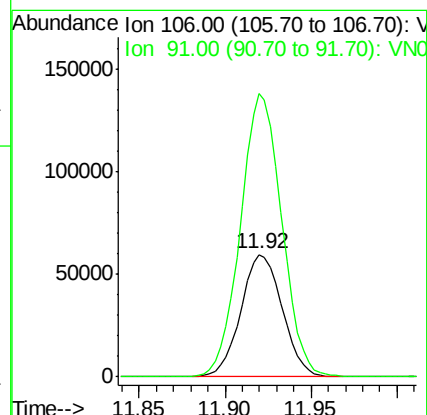
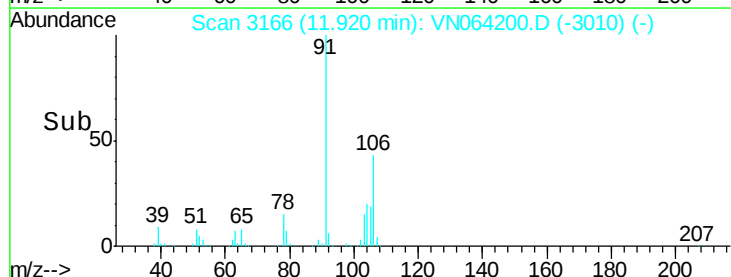
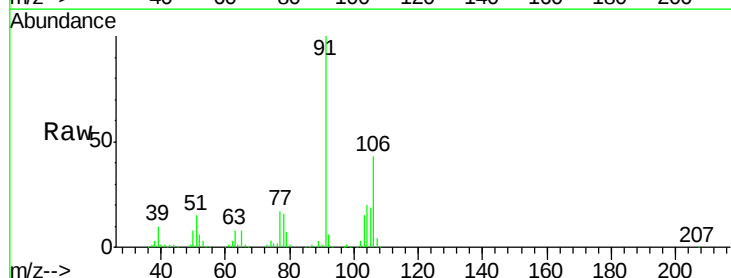
Acq: 20 Oct 2020 17:06

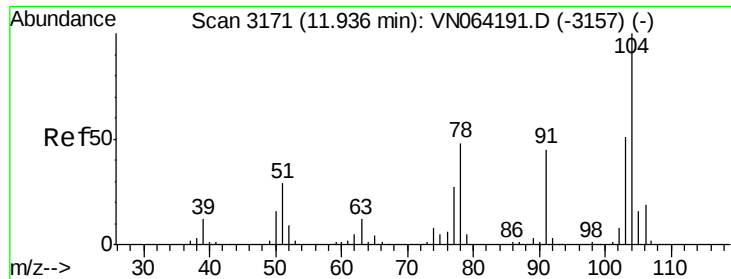
Tgt Ion:106 Resp: 99647

Ion Ratio Lower Upper

106 100

91 230.1 113.9 341.7





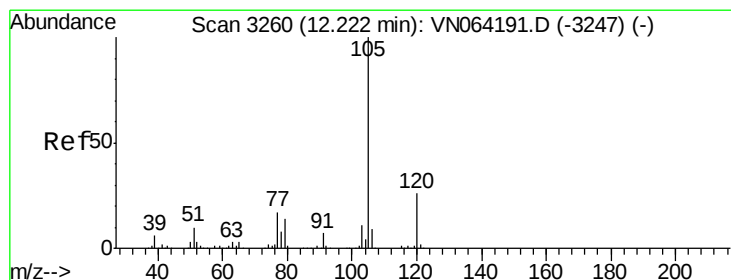
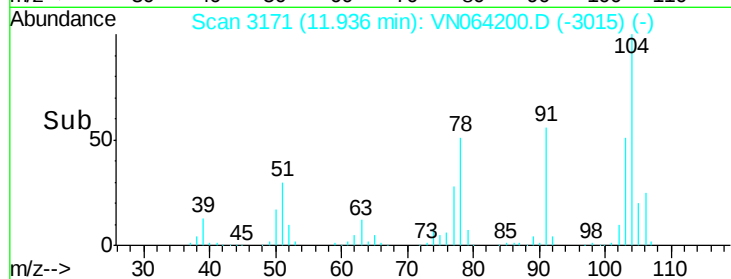
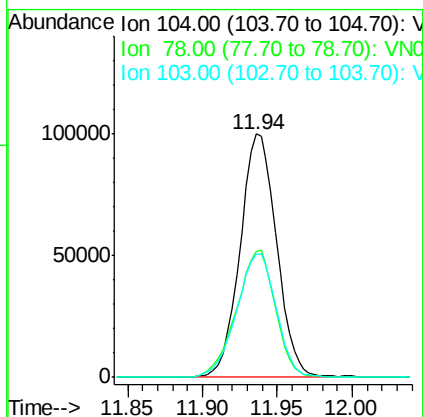
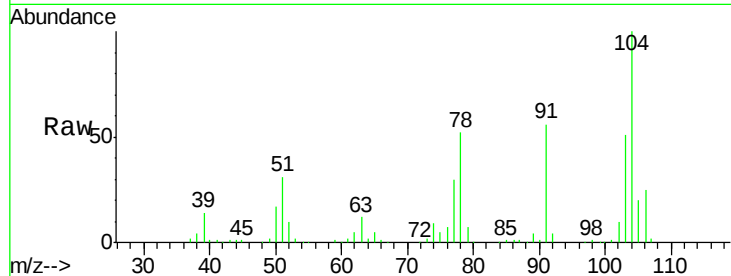
#69
Stvrene
Concen: 17.349 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.5	43.6	65.4
103	55.2	44.8	67.2

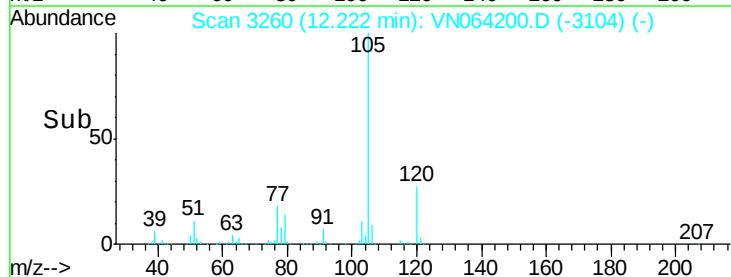
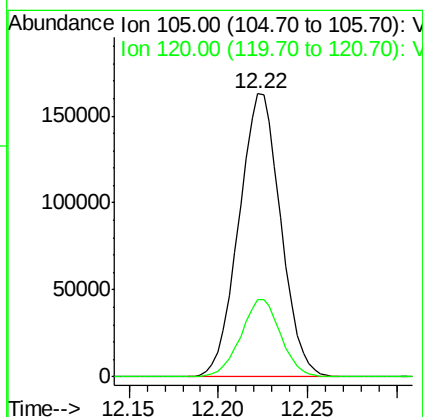
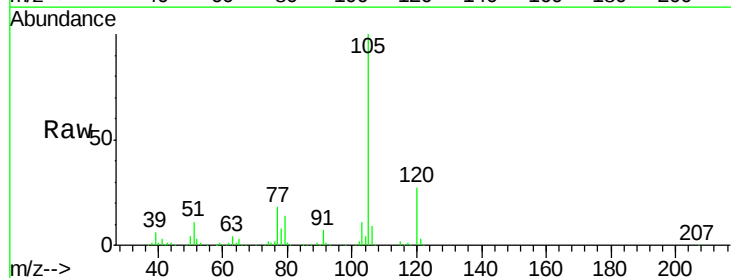
Manual Integrations
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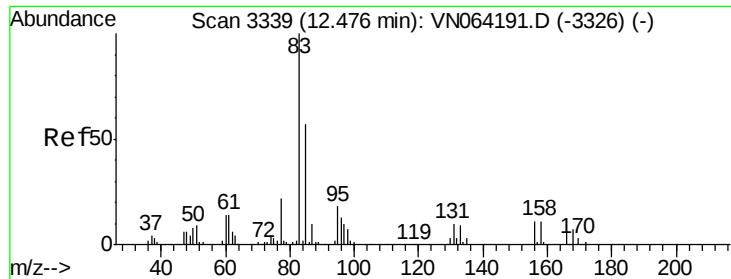
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#70
Isopropylbenzene
Concen: 17.460 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.1	33.7





#71

1,1,2,2-Tetrachloroethane

Concen: 18.128 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

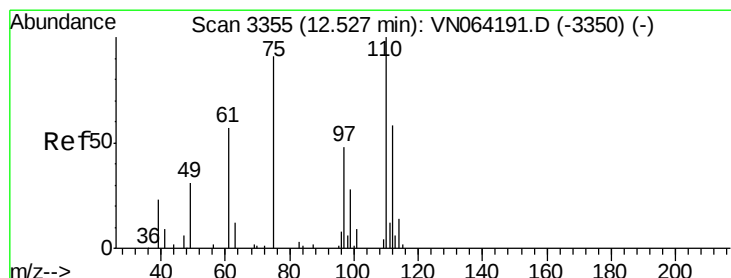
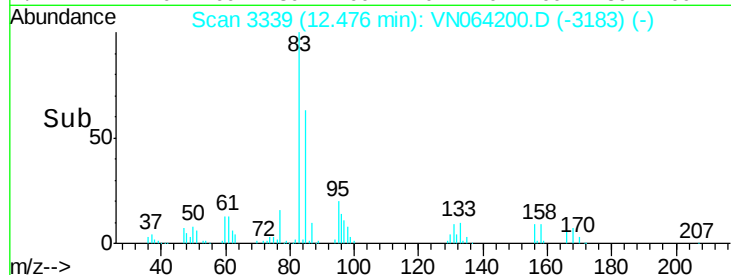
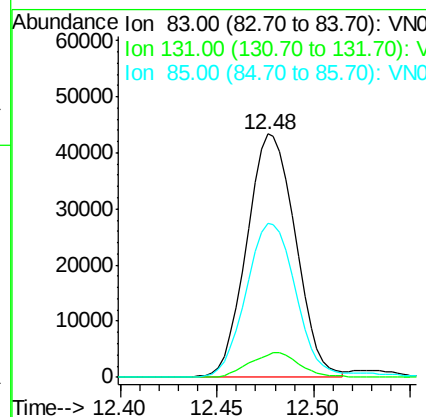
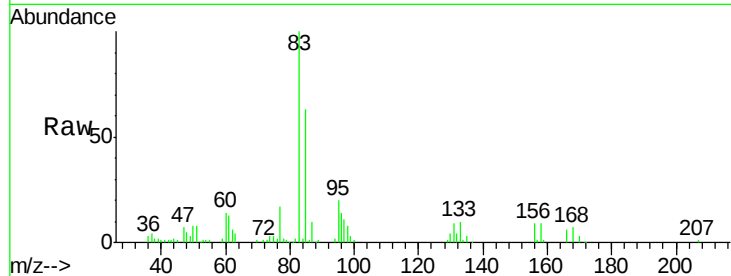
ClientSampleId :

VN1020WBS02

Tot Ion:	83	Resp:	76101
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.4
85	64.6	30.8	92.4

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#72

1,2,3-Trichloropropane

Concen: 18.002 ug/l m

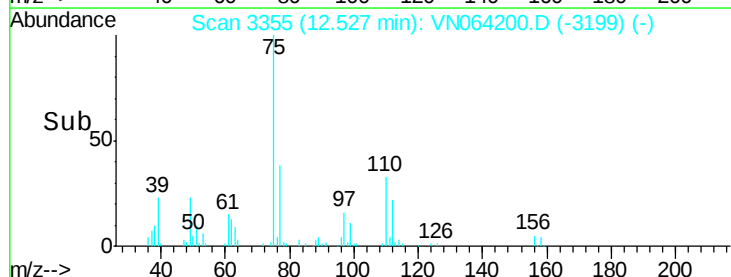
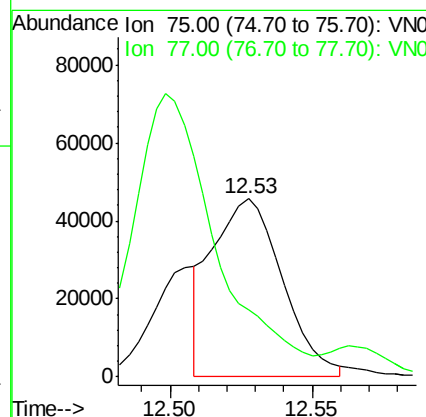
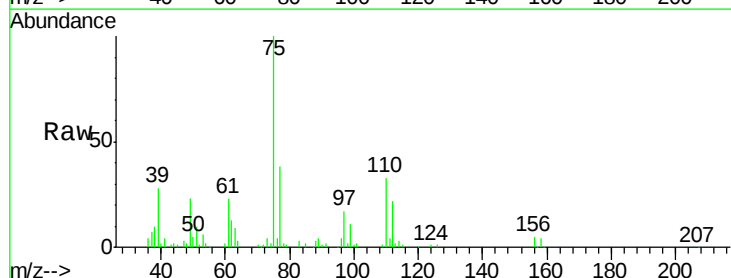
RT: 12.53 min Scan# 3355

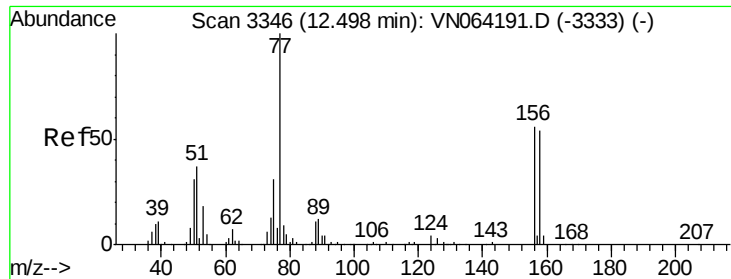
Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Tgt Ion:	75	Resp:	78863
Ion Ratio	Lower	Upper	
75	100		
77	185.8	0.0	417.6





#73

Bromobenzene

Concen: 17.434 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

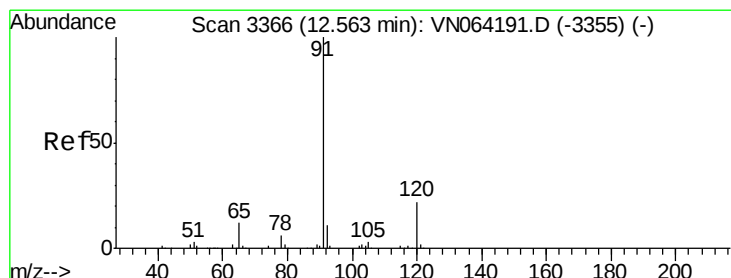
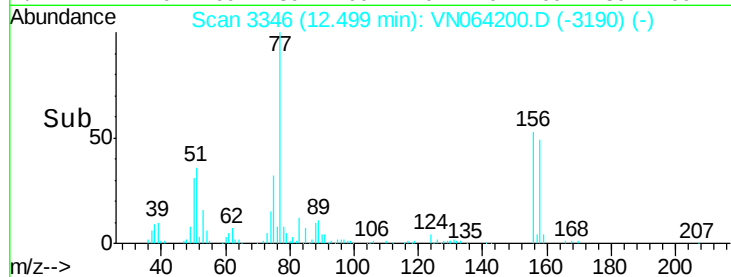
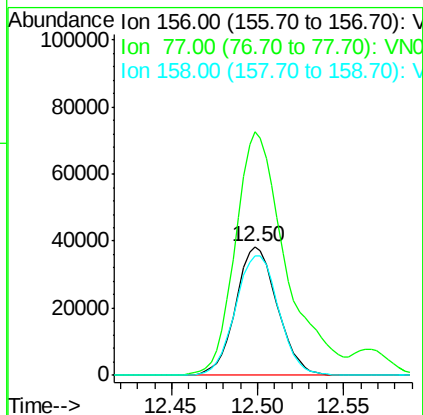
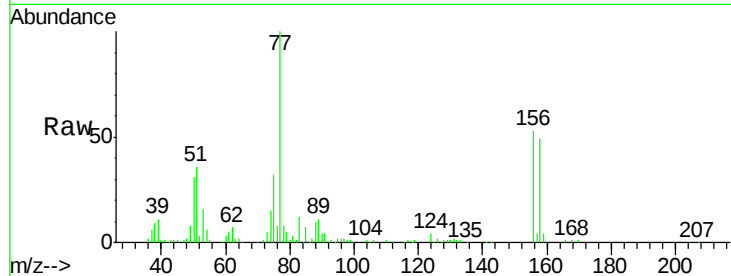
ClientSampleId :

VN1020WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	227.5	0.0	429.8
158	97.3	0.0	190.6

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#74

n-propylbenzene

Concen: 17.249 ug/l

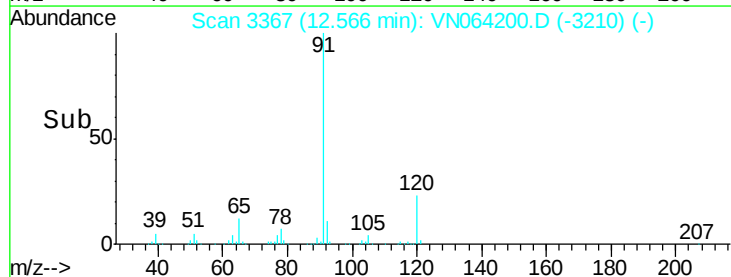
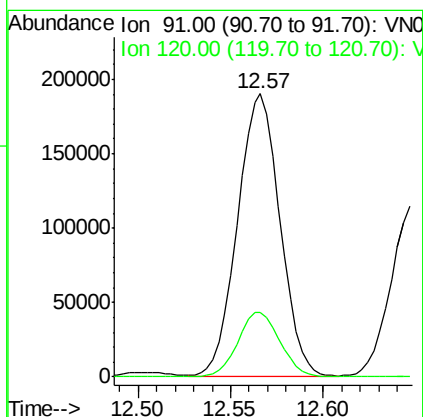
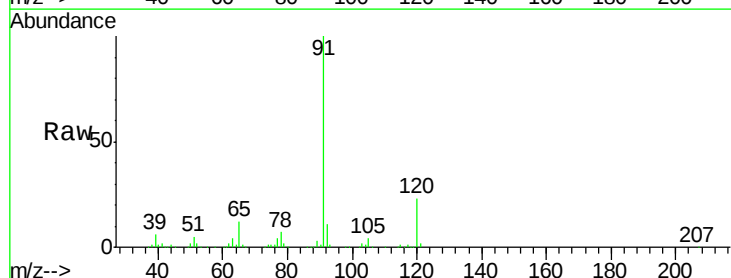
RT: 12.57 min Scan# 3367

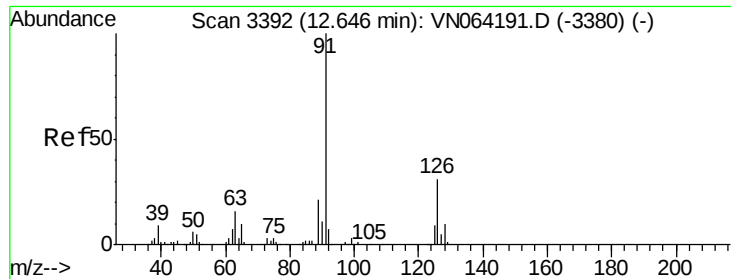
Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	43.8





#75

2-Chlorotoluene

Concen: 17.387 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS02

Tot Ion: 91 Resp: 188190

Ion Ratio Lower Upper

91 100

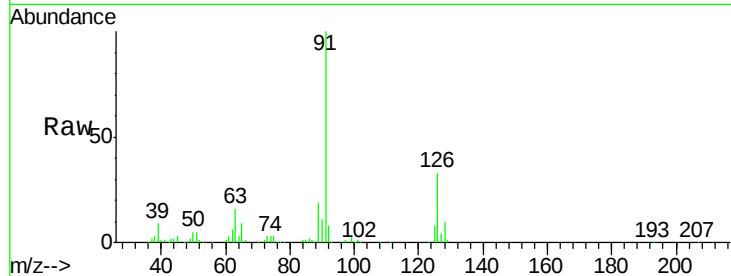
126 32.7 0.0 62.4

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Abundance Ion 91.00 (90.70 to 91.70): VN064191.D (-3380) (-)

Ion 126.00 (125.70 to 126.70): VN064191.D (-3380) (-)

200000

150000

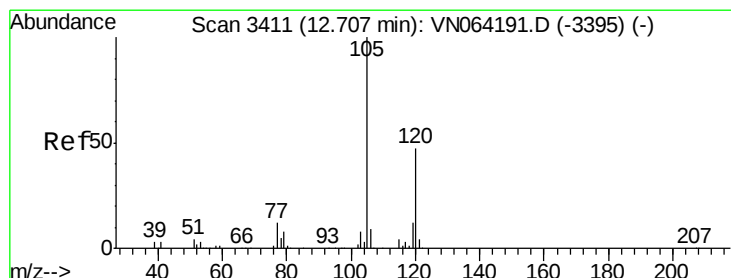
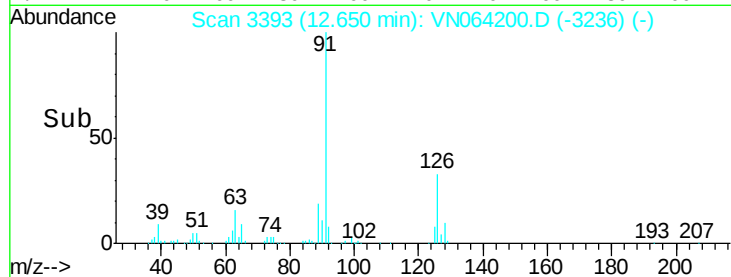
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.619 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064200.D

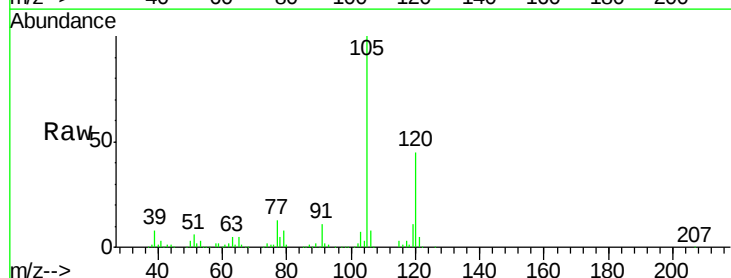
Acq: 20 Oct 2020 17:06

Tgt Ion: 105 Resp: 229674

Ion Ratio Lower Upper

105 100

120 44.8 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064191.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064191.D (-3395) (-)

150000

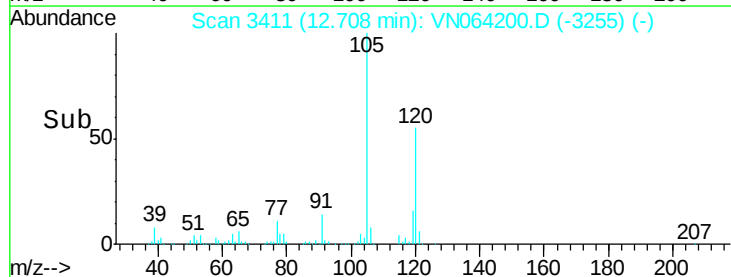
100000

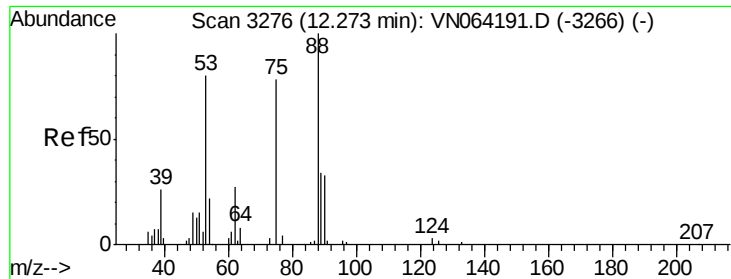
50000

0

12.65 12.70 12.75

Time-->





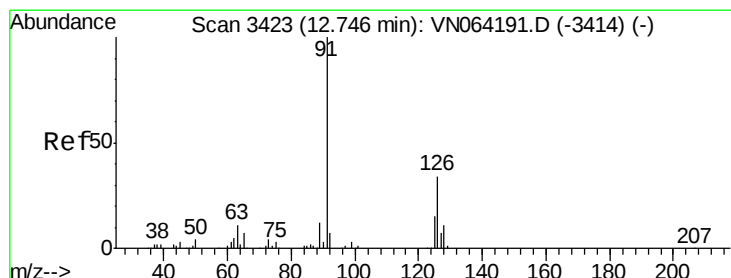
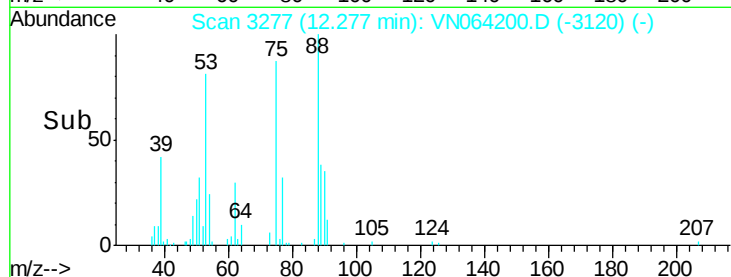
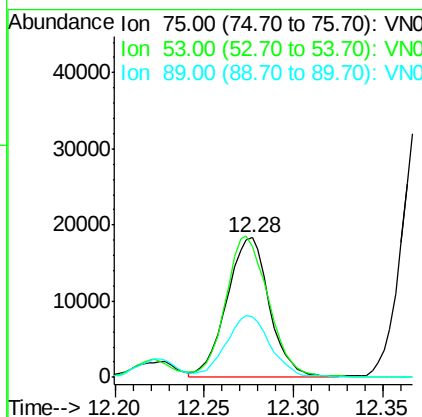
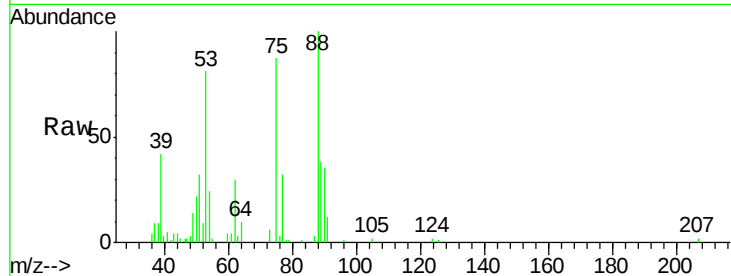
#77
t-1,4-Dichloro-2-butene
Concen: 17.635 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	51.4	154.2
89	43.8	23.8	71.5

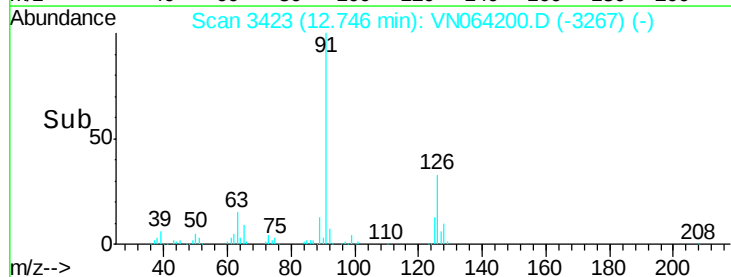
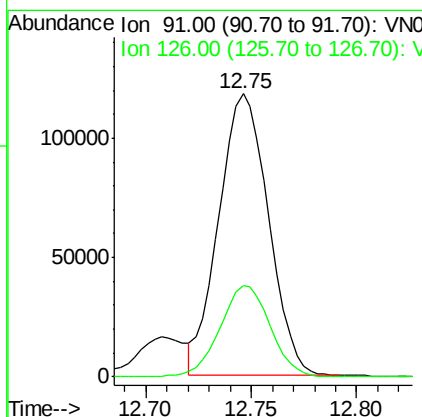
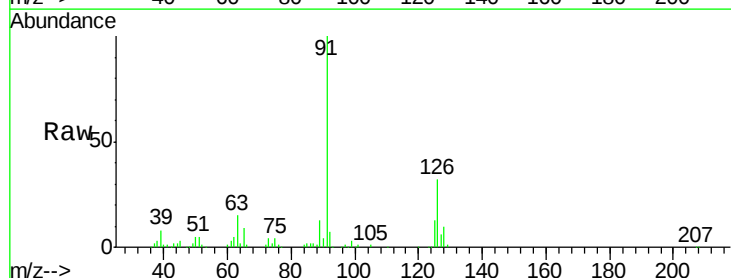
Manual Integrations
APPROVED

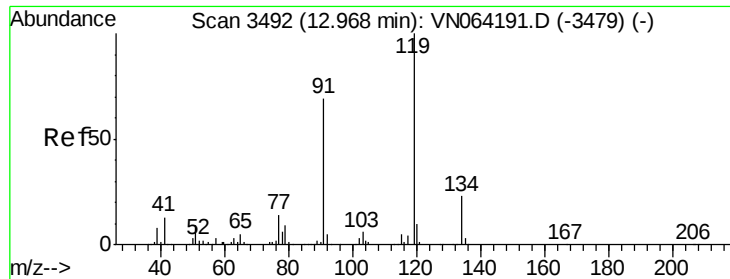
MMDadoda
10/23/2020 2:28:55 PM



#78
4-Chlorotoluene
Concen: 16.981 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	0.0	63.2





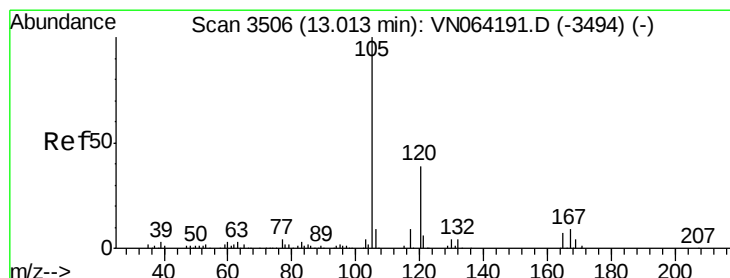
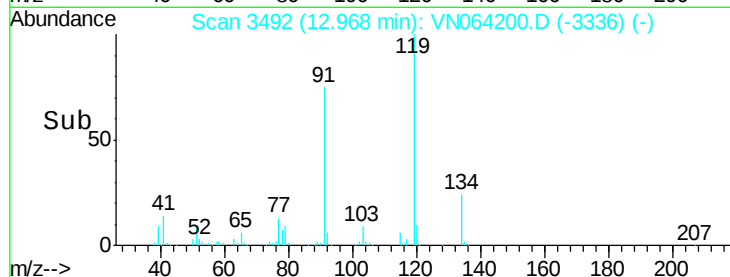
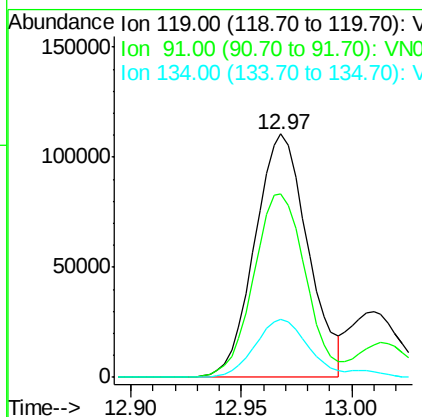
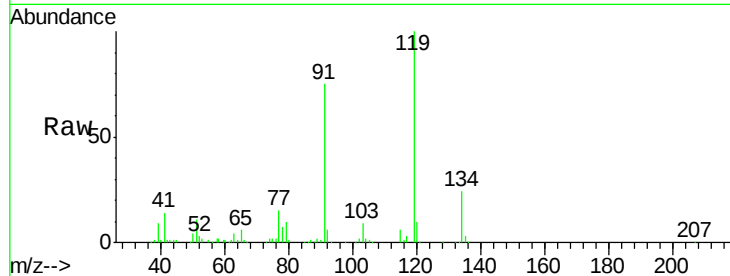
#79
tert-butylbenzene
Concen: 17.276 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	184108		
91	74.6	0.0	143.2	
134	23.9	0.0	49.2	

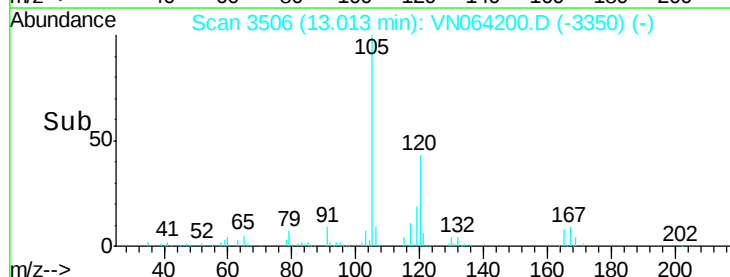
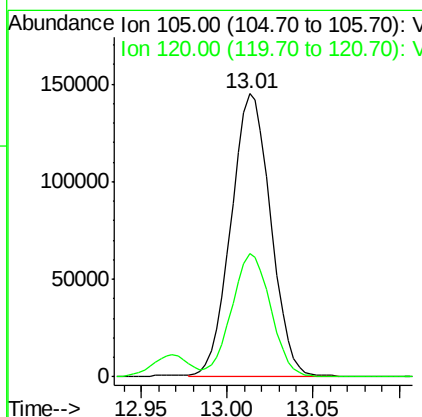
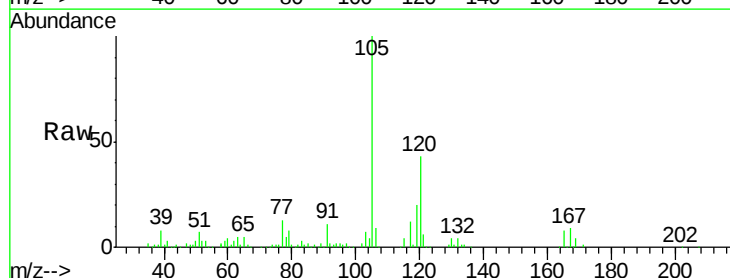
Manual Integrations
APPROVED

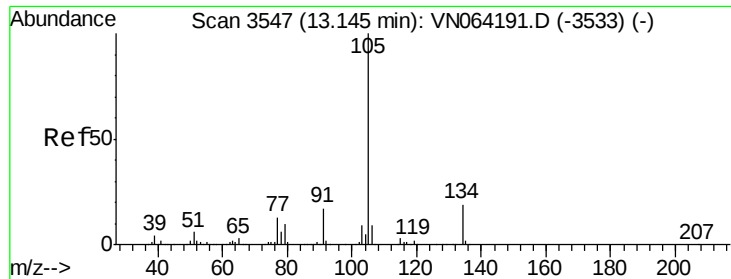
MMDadoda
10/23/2020 2:28:55 PM



#80
1,2,4-Trimethylbenzene
Concen: 17.465 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231116		
120	43.4	0.0	85.8	





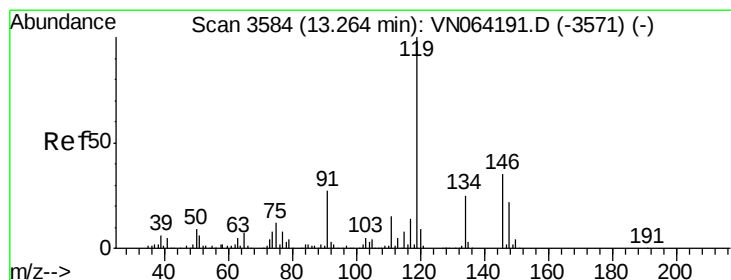
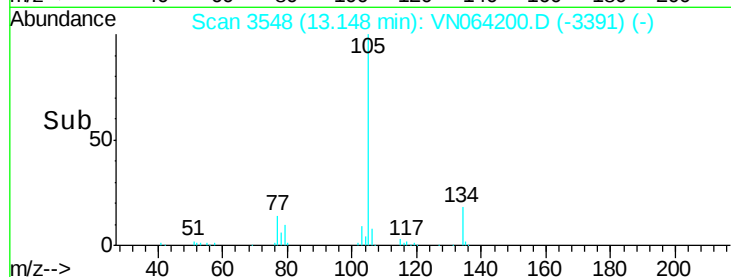
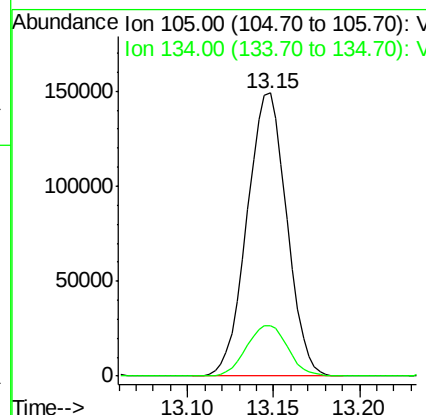
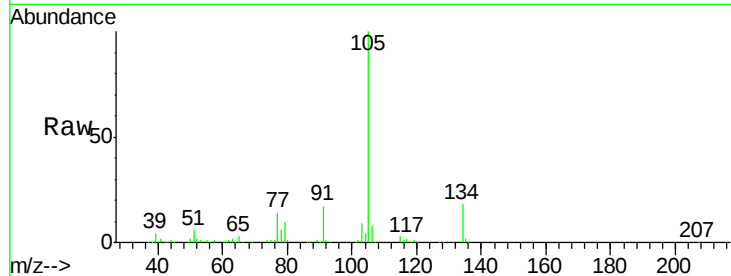
#81
 sec-Butylbenzene
 Concen: 17.220 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.7	0.0	38.4

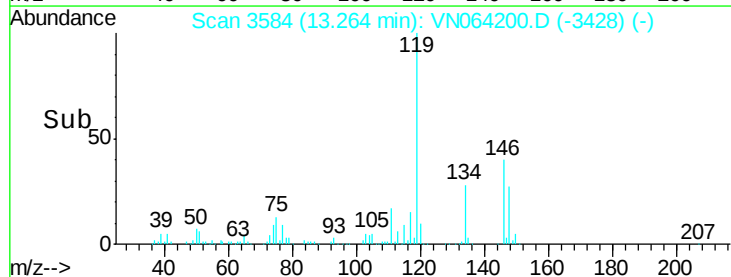
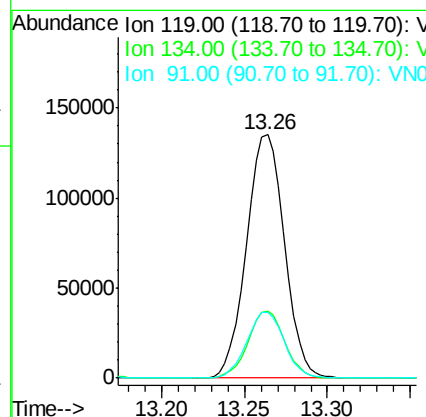
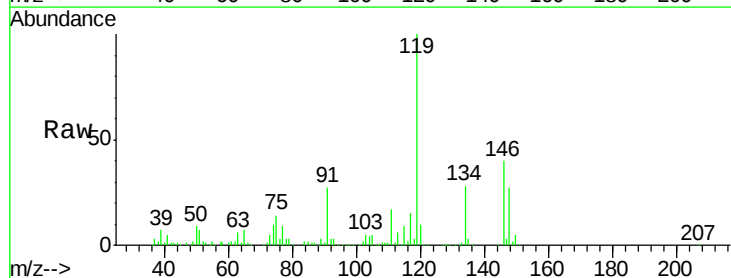
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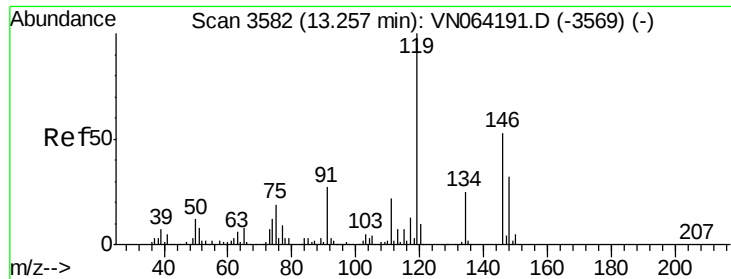
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#82
 p-Isopropyltoluene
 Concen: 16.754 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064200.D
 Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	0.0	51.4
91	27.0	0.0	52.8





#83

1,3-Dichlorobenzene

Concen: 17.213 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

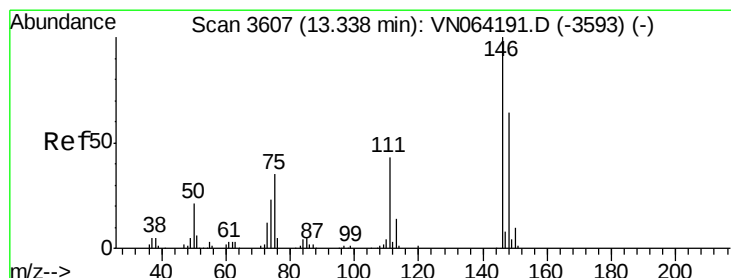
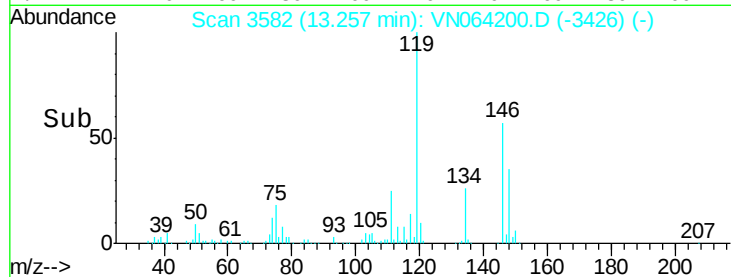
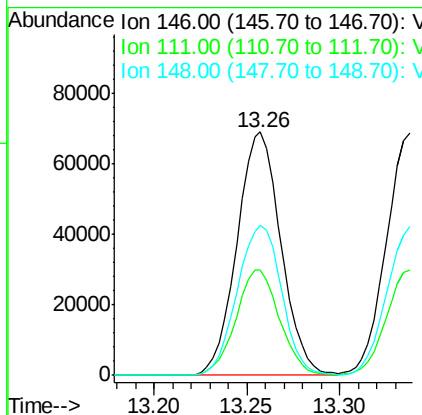
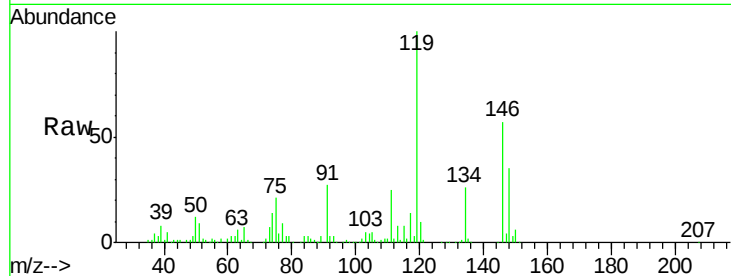
ClientSampleId :

VN1020WBS02

Tot Ion:	146	Resp:	113979
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.8	65.4
148	62.3	31.4	94.2

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 17.233 ug/l

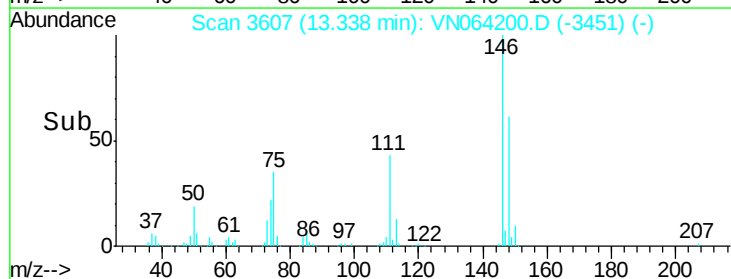
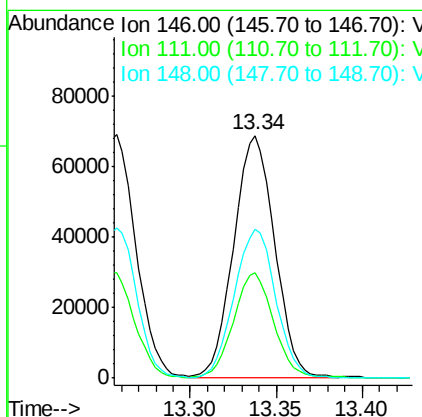
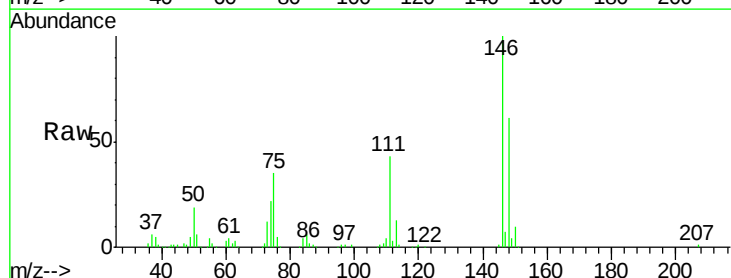
RT: 13.34 min Scan# 3607

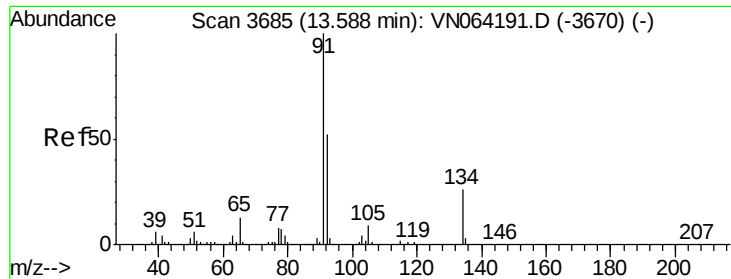
Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Tgt Ion:	146	Resp:	114242
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.9	62.8
148	62.1	30.9	92.7





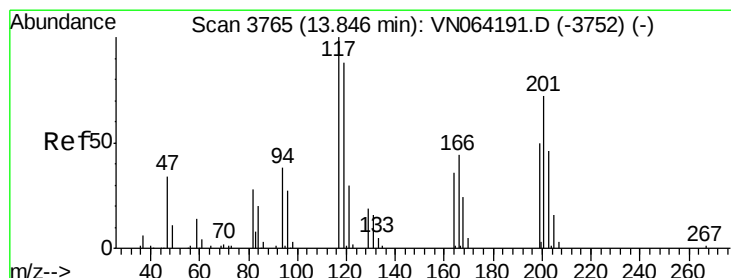
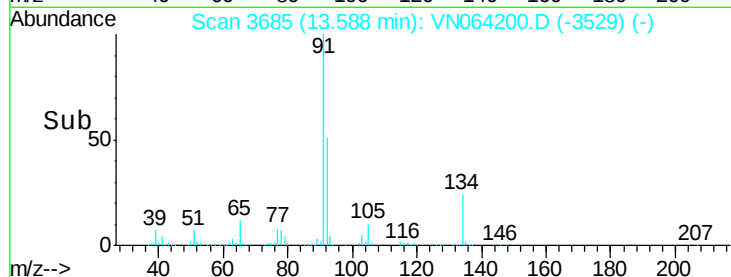
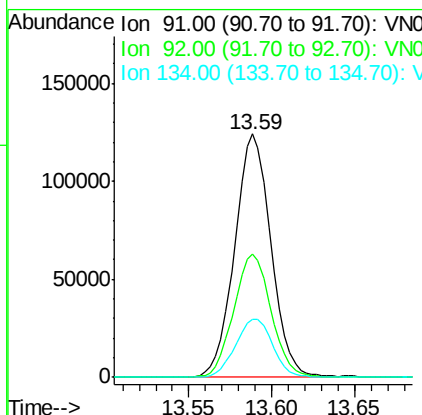
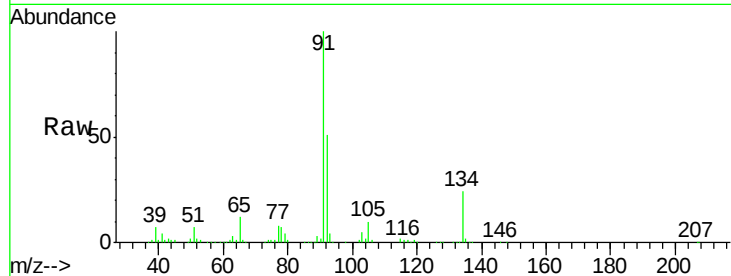
#85
n-Butylbenzene
Concen: 16.602 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	189134		
92	51.9	0.0	104.8	
134	24.5	0.0	49.8	

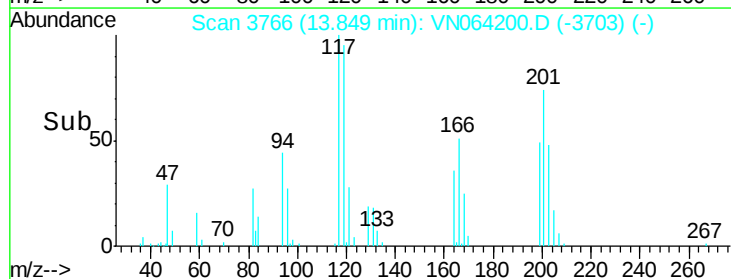
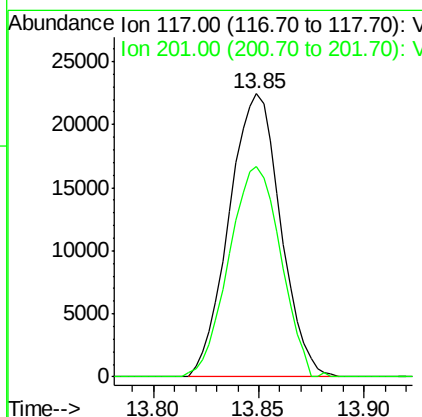
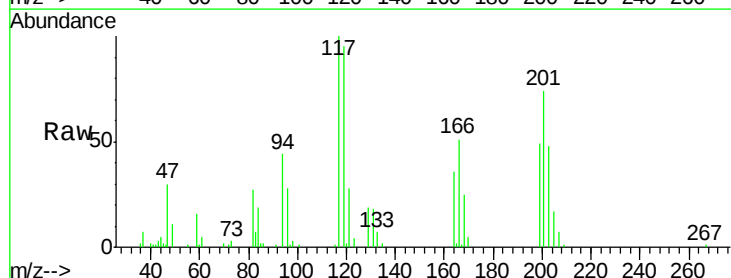
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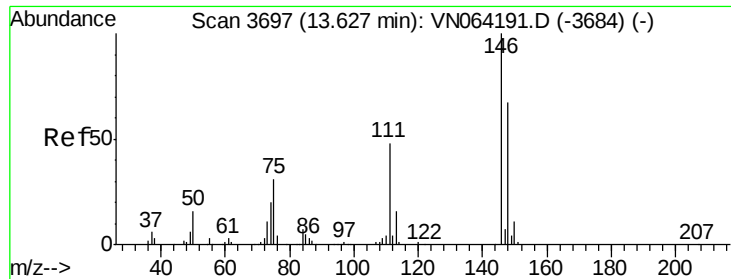
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#86
Hexachloroethane
Concen: 17.242 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38093		
201	74.5	37.5	112.3	





#87

1,2-Dichlorobenzene

Concen: 17.224 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Instrument :

MSVOA_N

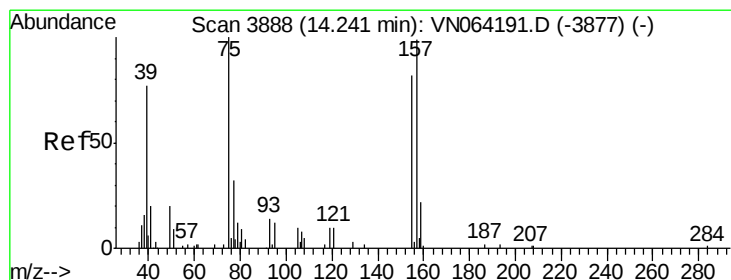
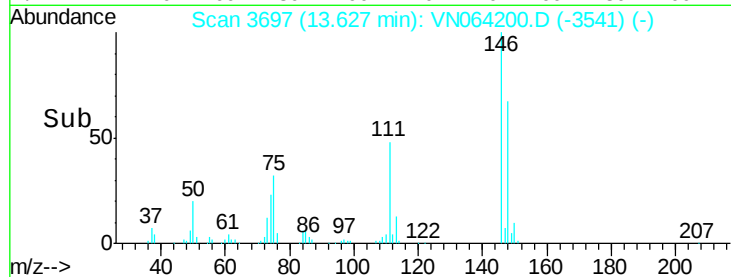
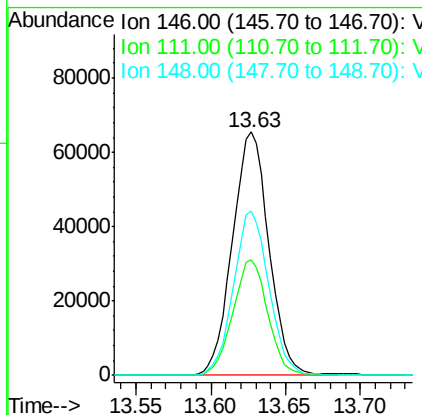
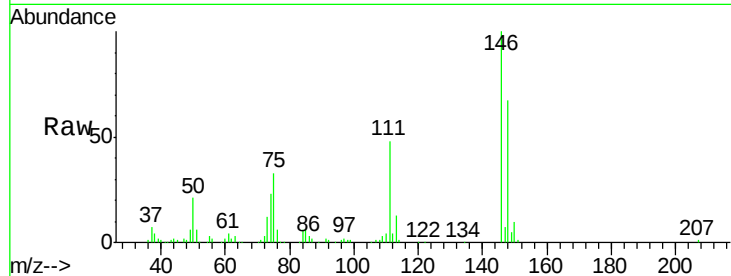
ClientSampleId :

VN1020WBS02

Tot Ion:	146	Resp:	111228
Ion Ratio	Lower	Upper	
146	100		
111	45.4	22.6	67.8
148	65.5	32.6	97.8

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.468 ug/l

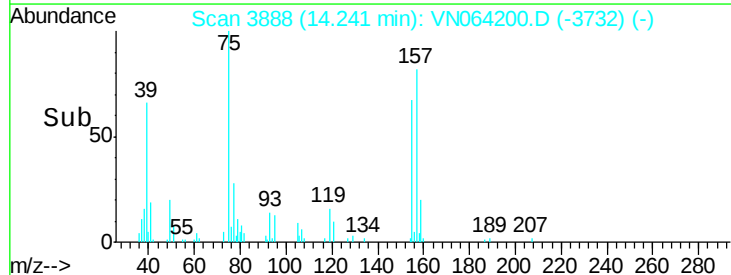
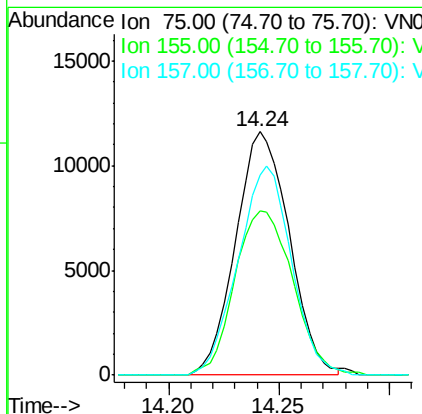
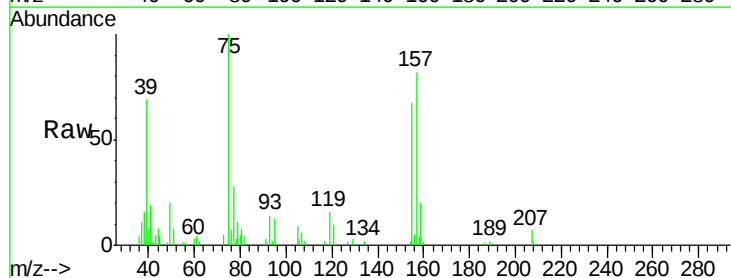
RT: 14.24 min Scan# 3888

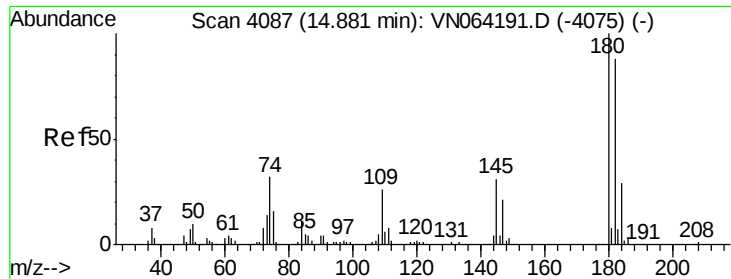
Delta R.T. 0.00 min

Lab File: VN064200.D

Acq: 20 Oct 2020 17:06

Tgt Ion:	75	Resp:	19635
Ion Ratio	Lower	Upper	
75	100		
155	73.1	61.1	91.7
157	85.2	76.5	114.7





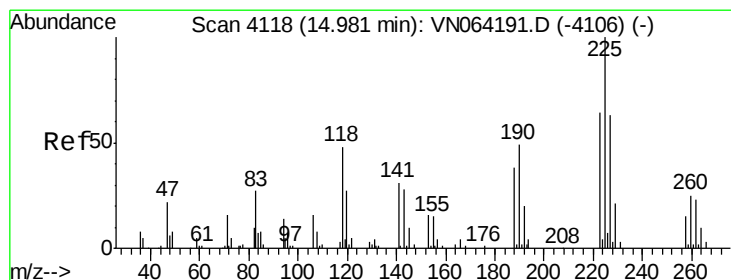
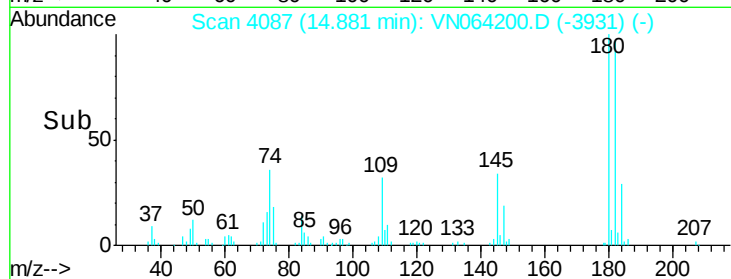
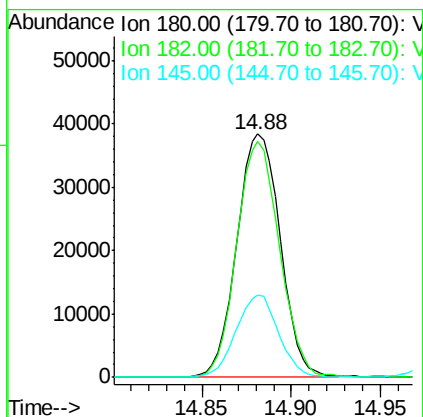
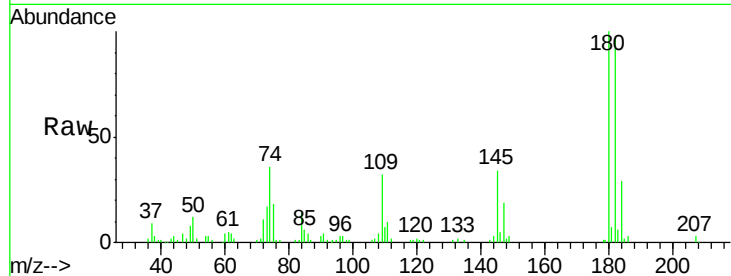
#89
1,2,4-Trichlorobenzene
Concen: 16.821 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	73.0	109.4
145	33.1	24.3	36.5

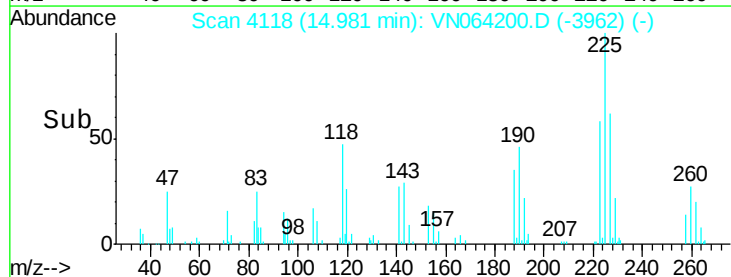
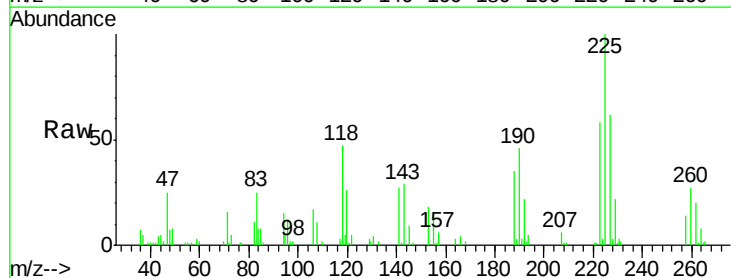
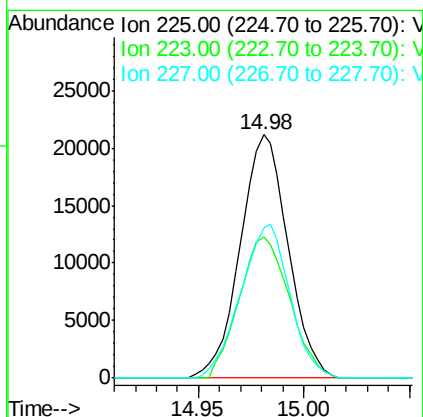
Manual Integrations
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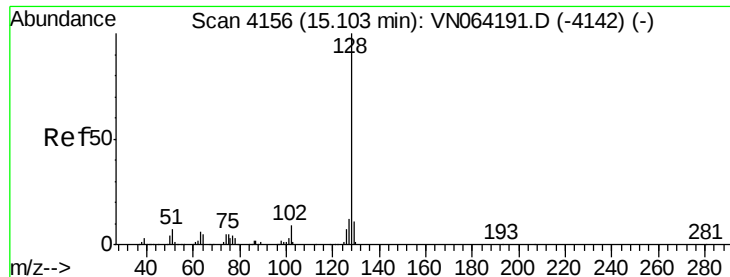
MMDadoda
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#90
Hexachlorobutadiene
Concen: 16.960 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	0.0	127.0
227	64.9	0.0	129.4





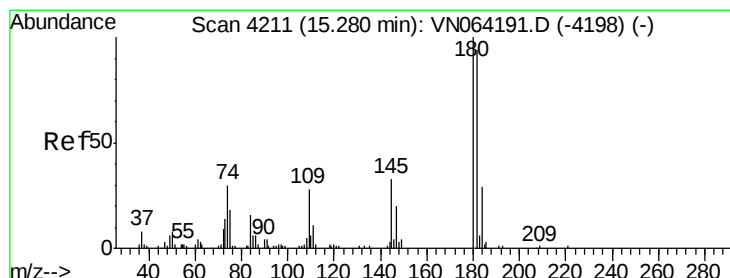
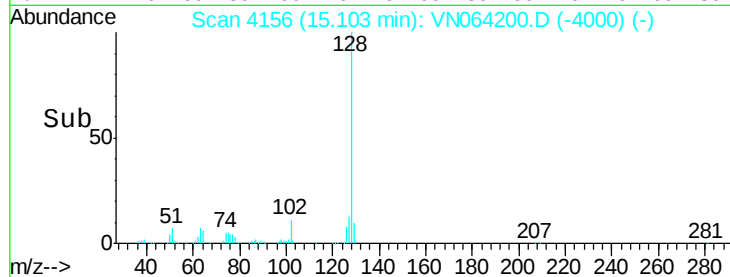
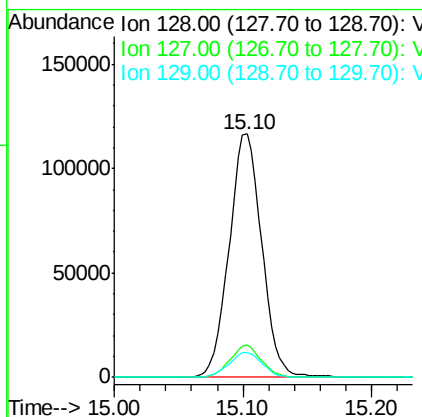
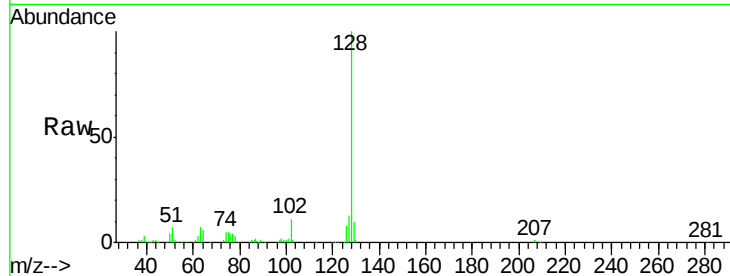
#91
Naphthalene
Concen: 17.399 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.6	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.486 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064200.D
Acq: 20 Oct 2020 17:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	0.0	190.0
145	35.7	0.0	66.6

