

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102020\
 Data File : VN064195.D
 Acq On : 20 Oct 2020 13:35
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:28:45 PM

Quant Time: Oct 21 06:00:59 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	54874	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	313545	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	281112	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	136951	30.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.60%
60) 4-Bromofluorobenzene	12.38	95	147444	29.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.57%
63) Toluene-d8	10.06	98	371584	29.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	88410	23.483	ug/l 95
3) Chloromethane	2.04	50	85841	22.250	ug/l 99
4) Vinyl Chloride	2.16	62	81594	21.496	ug/l 96
5) Bromomethane	2.54	94	51080	22.494	ug/l 96
6) Chloroethane	2.68	64	46539	21.051	ug/l 99
7) Trichlorofluoromethane	2.99	101	137965	22.642	ug/l 98
8) Diethyl Ether	3.38	74	42780	20.679	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	68337	21.250	ug/l 96
10) 1,1-Dichloroethene	3.70	96	66443	21.220	ug/l 96
11) Methyl Iodide	3.91	142	93143	20.638	ug/l 99
12) Methyl Acetate	4.27	43	70888	21.480	ug/l 96
13) Acrolein	3.57	56	34481	95.554	ug/l # 1
14) Acrylonitrile	4.93	53	137653	103.505	ug/l 98
15) Acetone	3.78	58	37415	104.199	ug/l 92
16) Carbon Disulfide	4.01	76	189674	21.182	ug/l 100
17) Allyl chloride	4.27	41	119673	20.555	ug/l 97
18) Methylene Chloride	4.50	84	73640	20.563	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	71244	21.092	ug/l 95
20) Diisopropyl ether	5.90	45	224456	20.861	ug/l 99
21) 1,1-Dichloroethane	5.79	63	136931	20.846	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	83303	21.097	ug/l 99
23) tert-Butyl Alcohol	4.72	59	63530	103.282	ug/l # 100
24) Methyl tert-Butyl Ether	4.98	73	217927	21.063	ug/l 98
25) Chloroform	7.33	83	142038	20.811	ug/l 93
26) Cyclohexane	7.61	56	109972	21.115	ug/l # 96
29) 1,1-Dichloropropene	7.75	75	108040	20.748	ug/l 98
30) 2-Butanone	6.78	43	218747	101.872	ug/l 98
31) 2,2-Dichloropropane	6.77	77	138052	20.883	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	138744	20.912	ug/l 98
33) Carbon Tetrachloride	7.73	117	124723	20.620	ug/l 98
34) Benzene	8.00	78	299081	20.626	ug/l 98
35) Methacrylonitrile	7.12	41	52565	22.317	ug/l 91
36) 1,2-Dichloroethane	8.08	62	122188	20.835	ug/l 99
37) Trichloroethene	8.80	130	83464	20.906	ug/l 100
38) Methylcyclohexane	9.05	83	104036	20.890	ug/l 100
39) 1,2-Dichloropropane	9.08	63	81002	20.933	ug/l 100
40) Dibromomethane	9.17	93	52981	19.678	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	120990	20.764	ug/l	98
42) Vinyl Acetate	5.84	43	1047758	102.781	ug/l	99
43) Ethyl Acetate	6.87	43	84636	18.047	ug/l #	84
44) Isopropyl Acetate	8.12	43	186581	20.723	ug/l #	88
45) 1,4-Dioxane	9.17	88	21022m	399.219	ug/l	
46) Methyl methacrylate	9.16	41	86455	20.237	ug/l	100
47) n-amyl Acetate	12.04	43	156852	19.638	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	135324	20.592	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	138409	20.385	ug/l	96
50) 1,1,2-Trichloroethane	10.53	97	72259	20.033	ug/l	97
51) Ethyl methacrylate	10.40	69	114633	20.098	ug/l	99
52) 1,3-Dichloropropane	10.68	76	125808	20.231	ug/l	99
53) Dibromochloromethane	10.87	129	90580	19.952	ug/l	99
54) 1,2-Dibromoethane	10.98	107	78101	20.370	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	263216	93.897	ug/l	99
56) Bromoform	12.10	173	61917	19.584	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	476609	100.052	ug/l	100
59) 2-Hexanone	10.72	43	357068	100.967	ug/l	100
61) Tetrachloroethene	10.60	164	79603	21.006	ug/l	96
62) Toluene	10.12	91	329870	20.526	ug/l	99
64) Chlorobenzene	11.41	112	209980	20.981	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	82236	20.972	ug/l	97
66) Ethyl Benzene	11.48	91	380432	20.590	ug/l	100
67) m/p-Xylenes	11.59	106	278876	40.584	ug/l	99
68) o-Xylene	11.92	106	138739	20.806	ug/l	92
69) Styrene	11.94	104	226902	20.113	ug/l	98
70) Isopropylbenzene	12.22	105	360726	20.483	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	95794	19.850	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	92405m	18.349	ug/l	
73) Bromobenzene	12.50	156	85400	20.110	ug/l	95
74) n-propylbenzene	12.56	91	412924	20.544	ug/l	100
75) 2-Chlorotoluene	12.65	91	249630	20.063	ug/l	96
76) 1,3,5-Trimethylbenzene	12.71	105	305174	20.365	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	38046	19.323	ug/l	93
78) 4-Chlorotoluene	12.75	91	264636	20.333	ug/l	99
79) tert-butylbenzene	12.97	119	250902	20.480	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	303225	19.933	ug/l	98
81) sec-Butylbenzene	13.14	105	327416	20.540	ug/l	99
82) p-Isopropyltoluene	13.26	119	302505	20.504	ug/l	99
83) 1,3-Dichlorobenzene	13.25	146	151001	19.837	ug/l	99
84) 1,4-Dichlorobenzene	13.33	146	153775	20.177	ug/l	97
85) n-Butylbenzene	13.59	91	272633	20.817	ug/l	99
86) Hexachloroethane	13.85	117	51875	20.424	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	148854	20.051	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.24	75	23508	19.233	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	88380	19.825	ug/l	96
90) Hexachlorobutadiene	14.98	225	49320	21.827	ug/l	97
91) Naphthalene	15.10	128	260687	19.292	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	85037	19.946	ug/l	99

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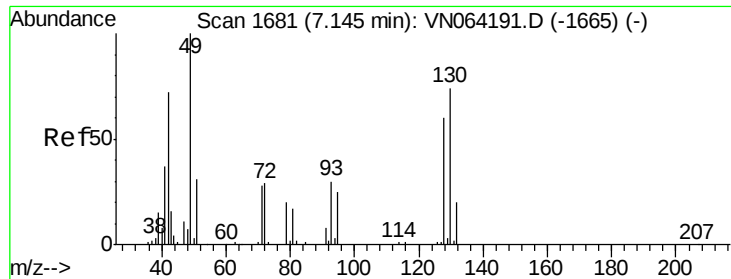
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102020

Tot Ion:128 Resp: 54874

Ion Ratio Lower Upper

128 100

49 165.3 0.0 433.3

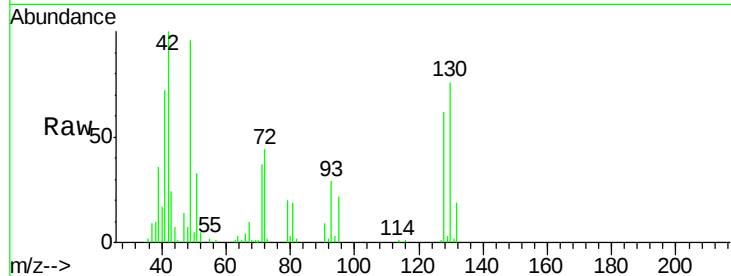
130 128.7 0.0 322.5

Manual Integrations

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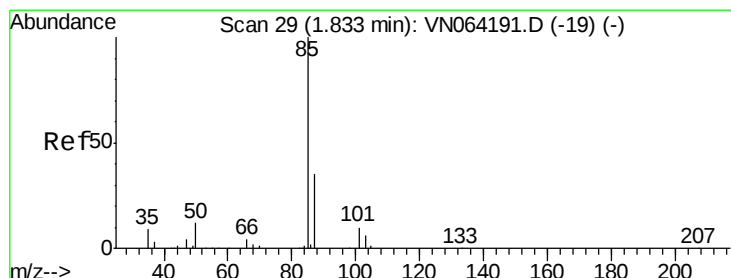
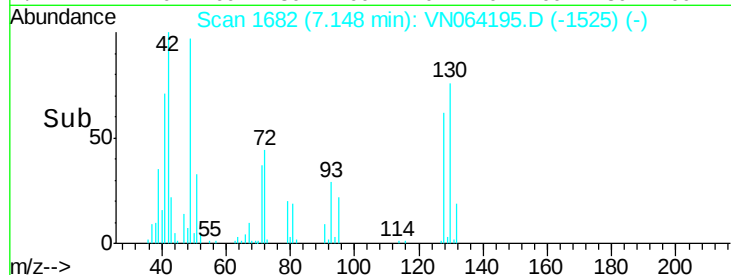
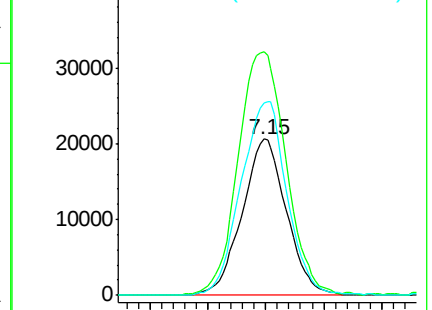
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 23.483 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064195.D

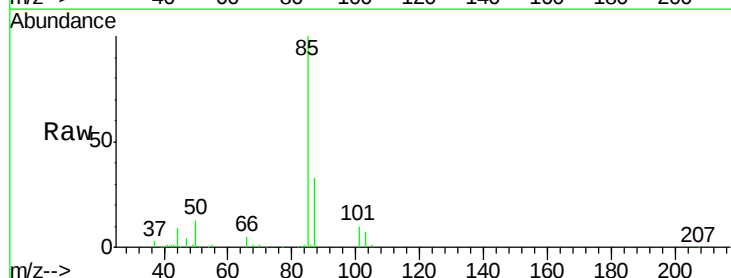
Acq: 20 Oct 2020 13:35

Tgt Ion: 85 Resp: 88410

Ion Ratio Lower Upper

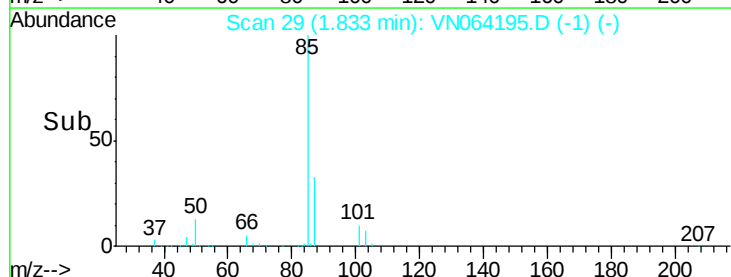
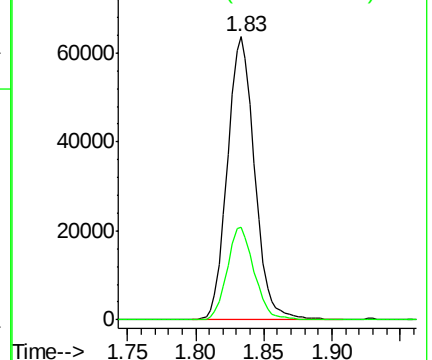
85 100

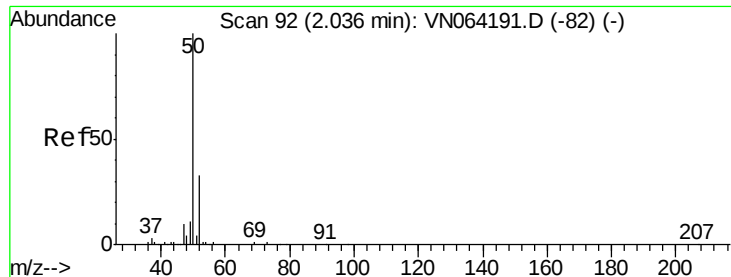
87 32.9 17.8 53.3



Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#3

Chloromethane

Concen: 22.250 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102020

Tot Ion: 50 Resp: 85841

Ion Ratio Lower Upper

50 100

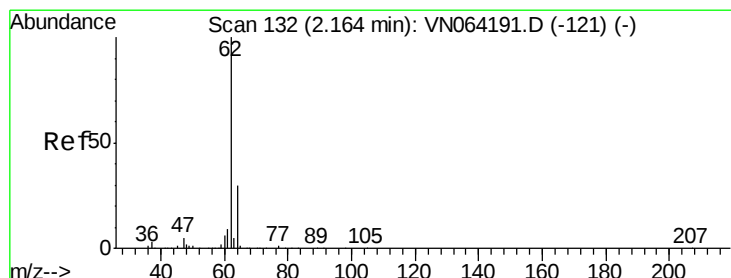
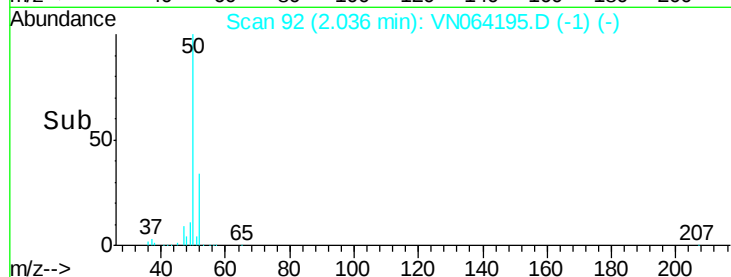
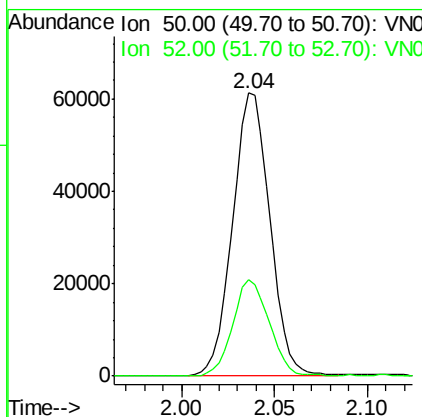
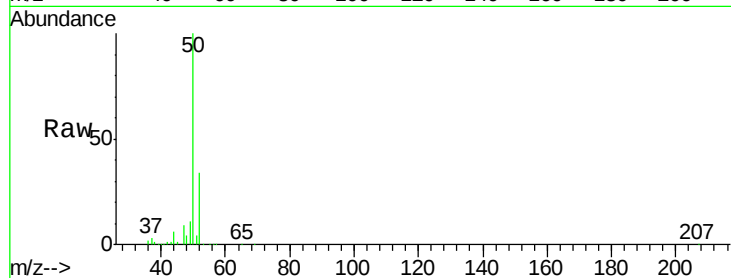
52 34.1 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.496 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064195.D

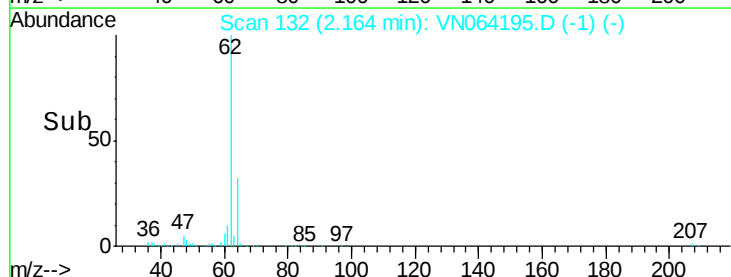
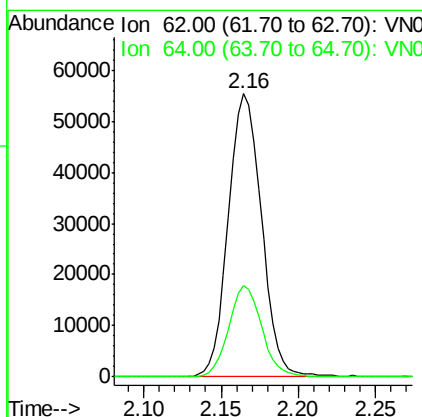
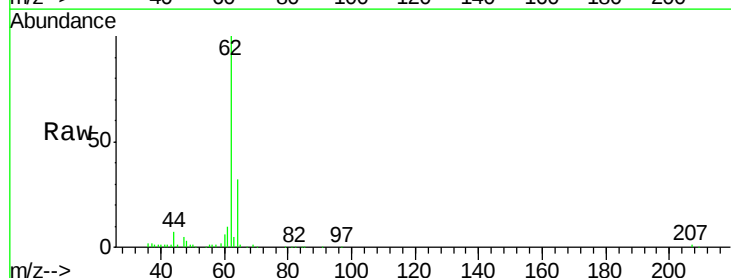
Acq: 20 Oct 2020 13:35

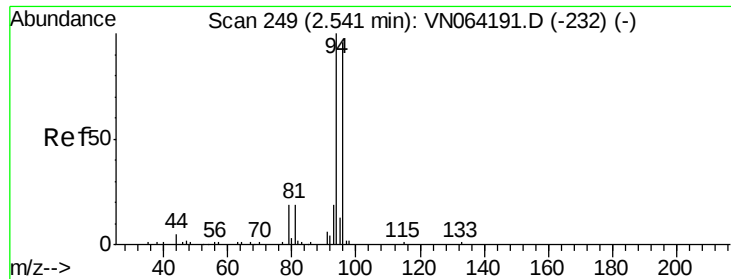
Tgt Ion: 62 Resp: 81594

Ion Ratio Lower Upper

62 100

64 32.4 24.4 36.6





#5

Bromomethane

Concen: 22.494 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102020

Tot Ion: 94 Resp: 51080

Ion Ratio Lower Upper

94 100

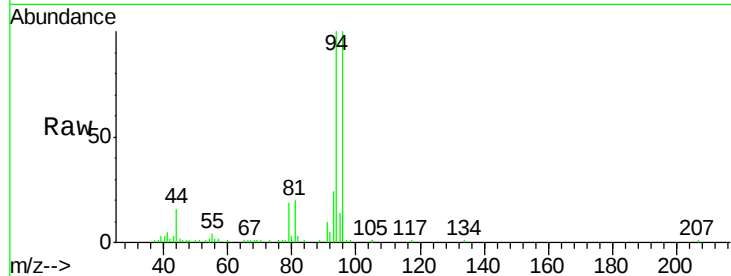
96 99.9 76.6 115.0

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

25000

20000

15000

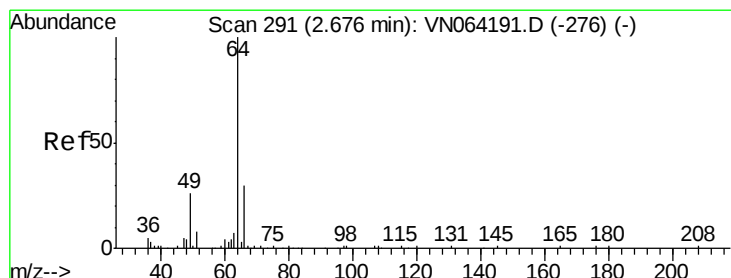
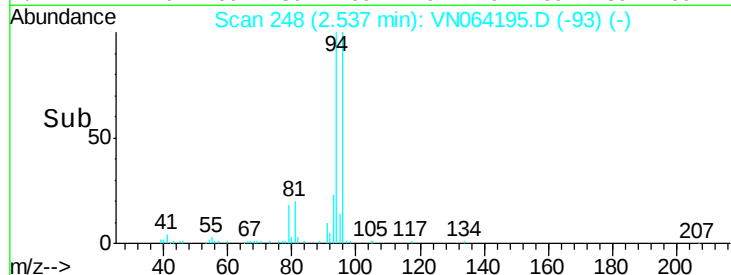
10000

5000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 21.051 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064195.D

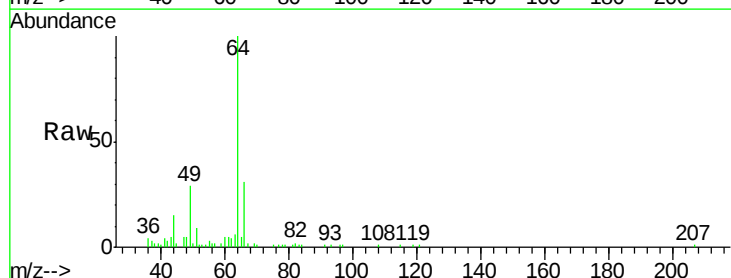
Acq: 20 Oct 2020 13:35

Tgt Ion: 64 Resp: 46539

Ion Ratio Lower Upper

64 100

66 30.9 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

25000

20000

15000

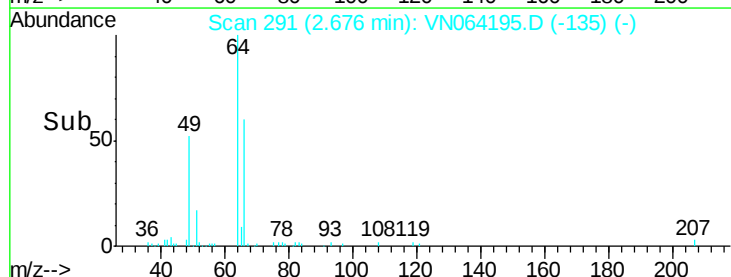
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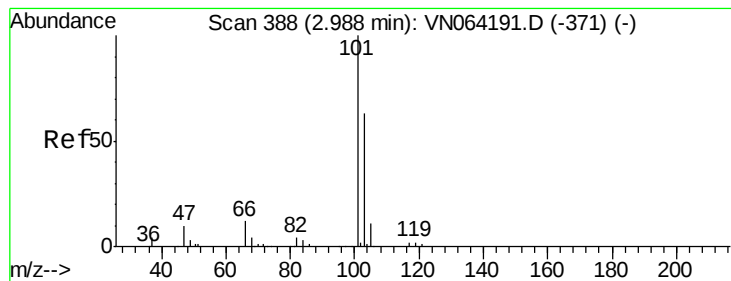
5000

0

2.60 2.65 2.70 2.75

Time-->





#7

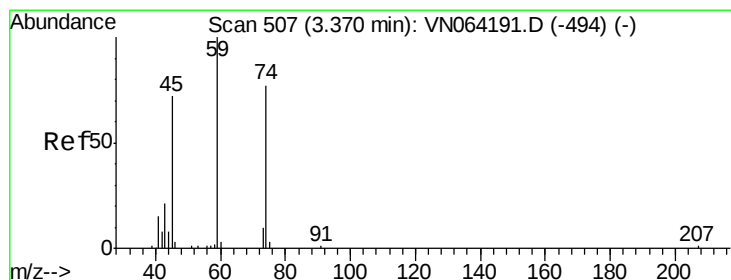
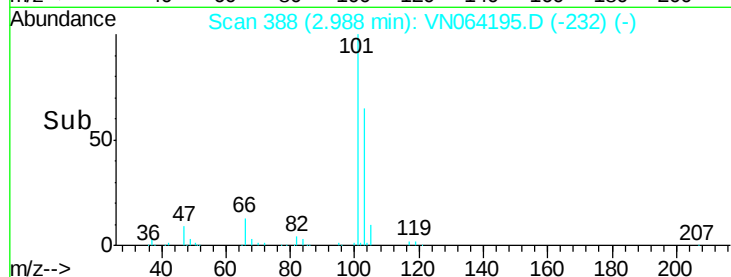
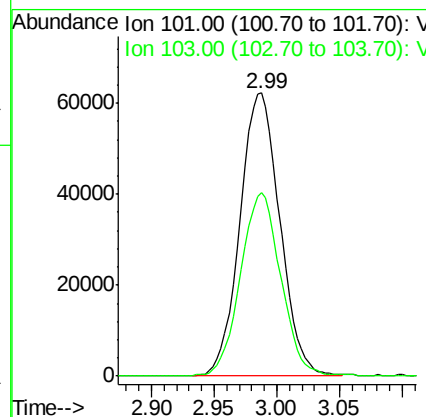
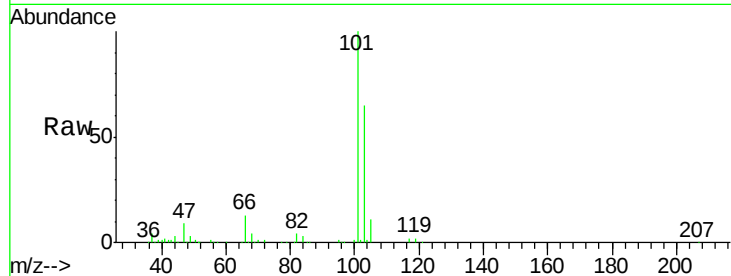
Trichlorofluoromethane
Concen: 22.642 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.7	76.1

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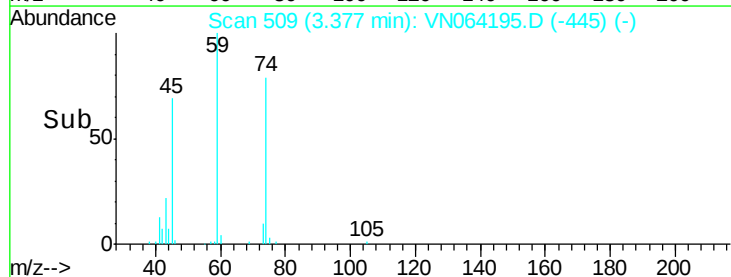
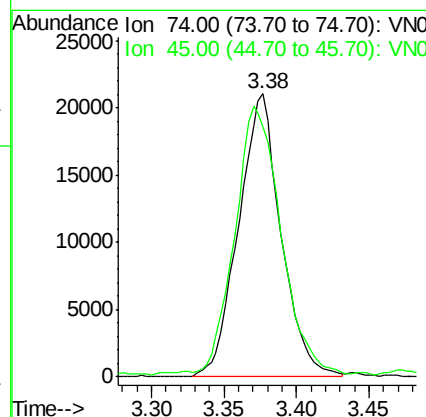
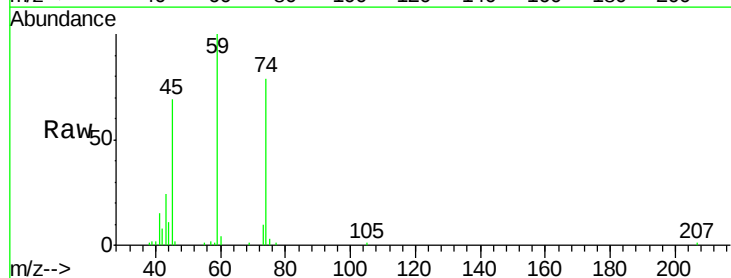
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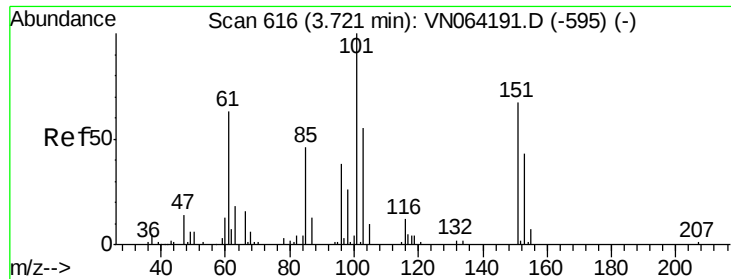


#8

Diethyl Ether
Concen: 20.679 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.01 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	19.5	175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.250 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

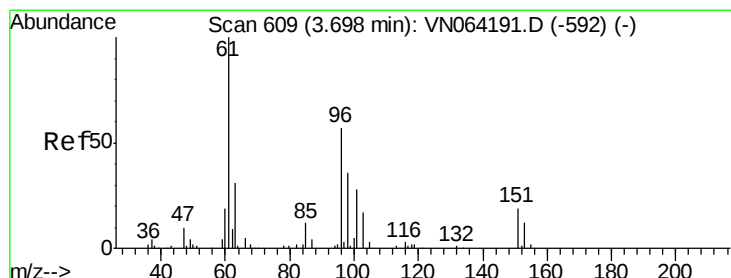
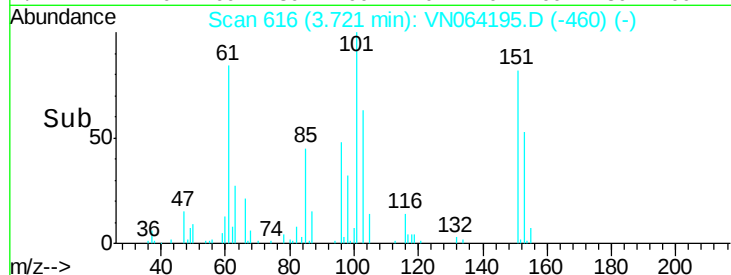
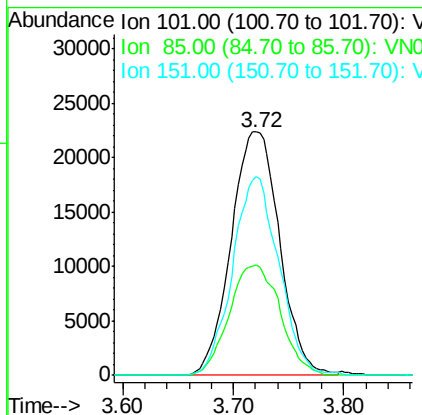
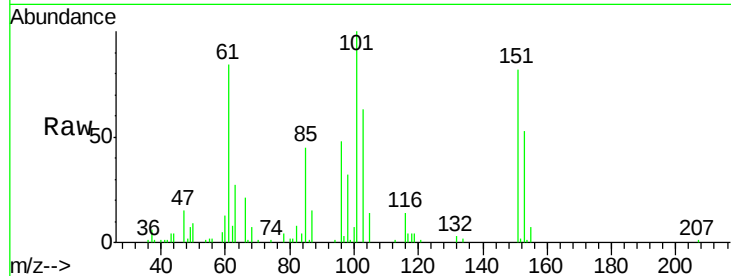
ClientSampled :

ICVVN102020

Tot Ion:	101	Resp:	68337
Ion Ratio	Lower	Upper	
101	100		
85	47.5	0.0	94.0
151	77.8	0.0	146.6

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#10

1,1-Dichloroethene

Concen: 21.220 ug/l

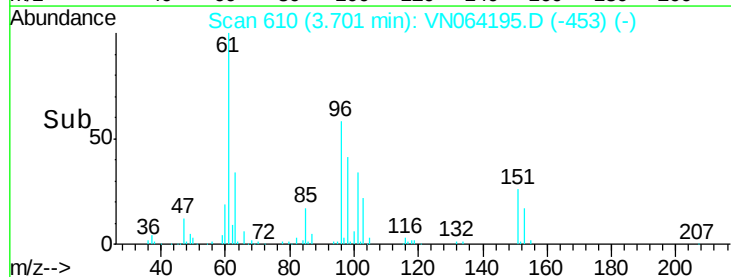
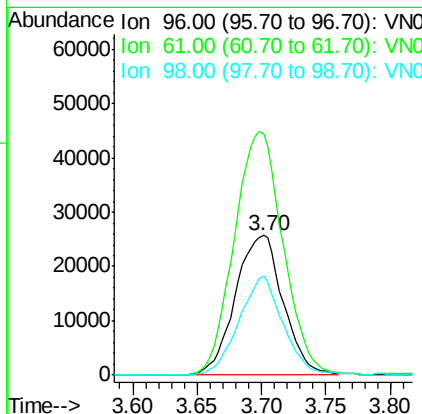
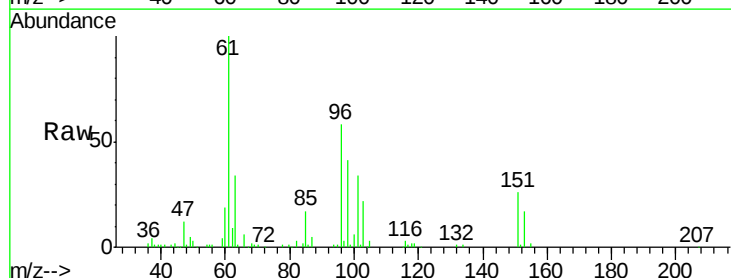
RT: 3.70 min Scan# 610

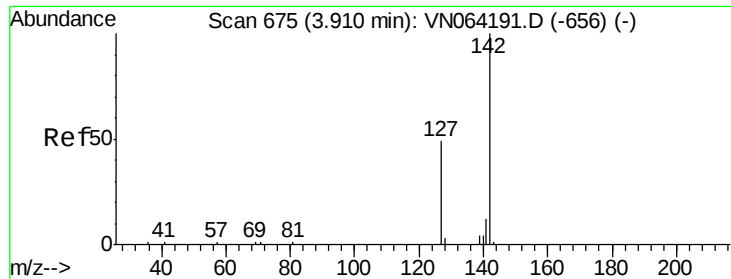
Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Tgt Ion:	96	Resp:	66443
Ion Ratio	Lower	Upper	
96	100		
61	172.1	141.0	211.4
98	70.6	51.4	77.2





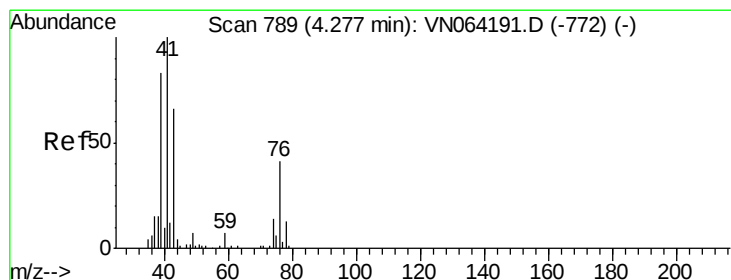
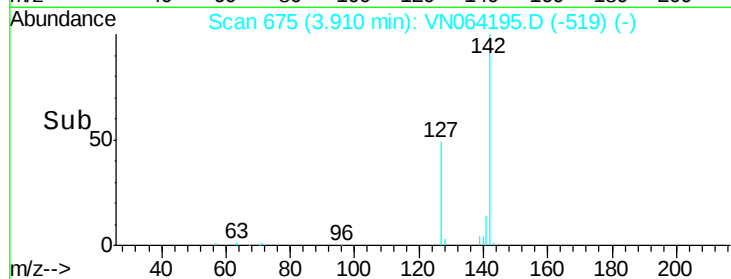
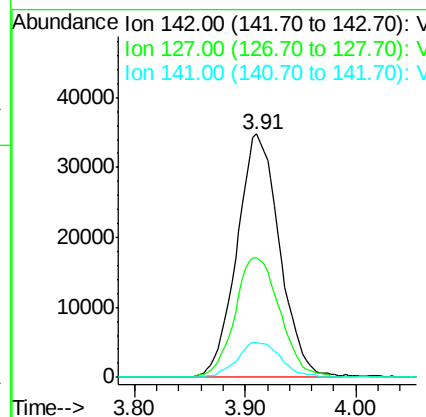
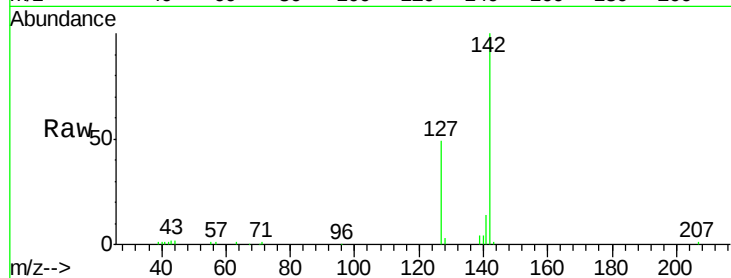
#11
Methyl Iodide
Concen: 20.638 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Lower	Upper
142	100		
127	49.1	24.5	73.5
141	14.2	6.0	18.1

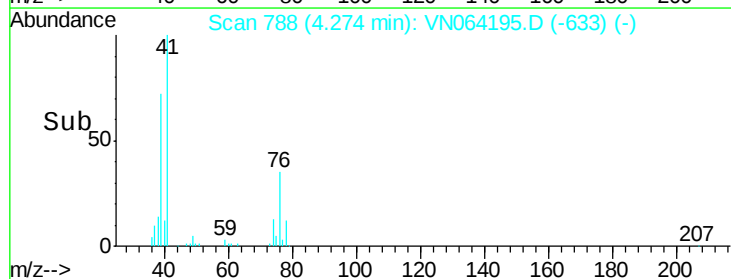
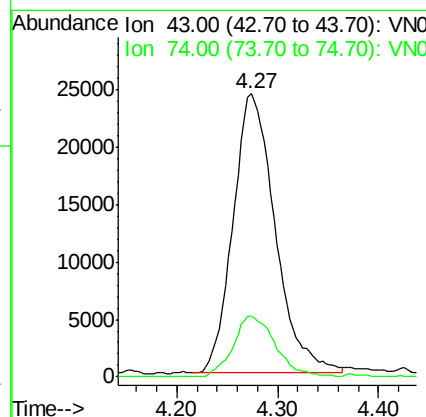
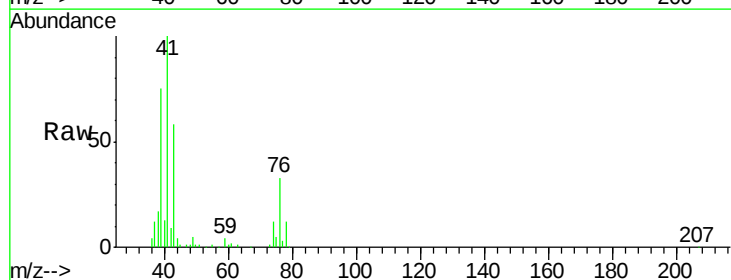
Manual Integrations
APPROVED

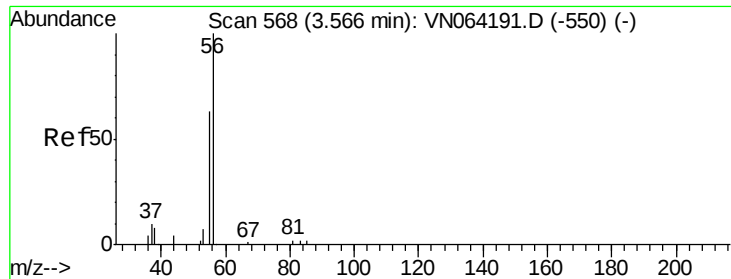
MMDadoda
10/23/2020 2:28:45 PM



#12
Methyl Acetate
Concen: 21.480 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.2	24.2





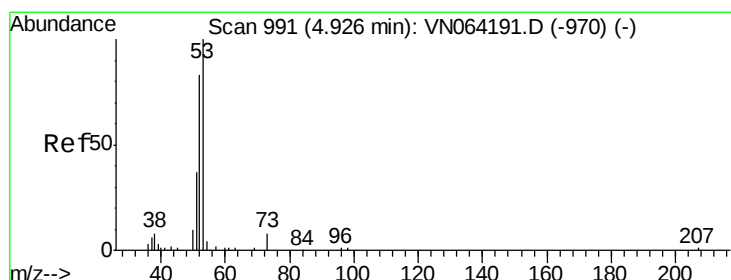
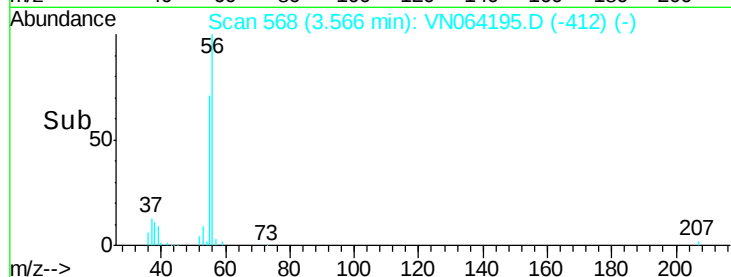
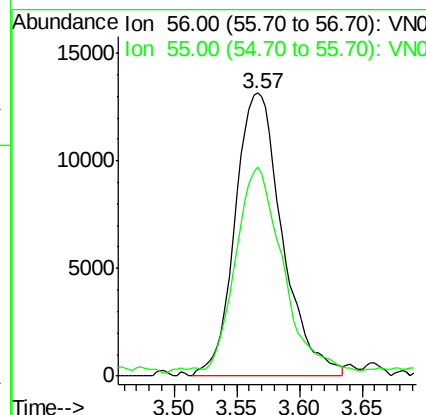
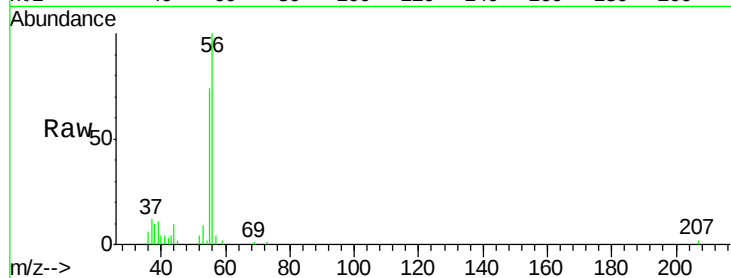
#13
Acrolein
Concen: 95.554 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	56	Resp	34481
Ion Ratio	Lower	Upper	
56	100		
55	70.5	0.5	0.7#

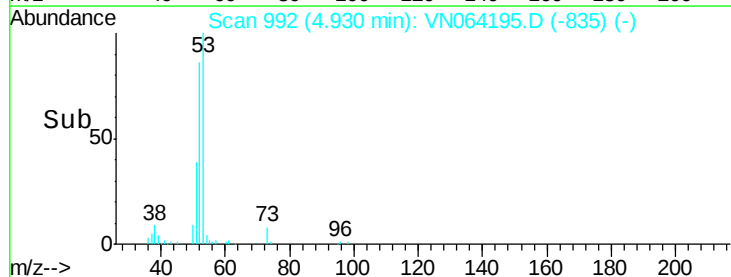
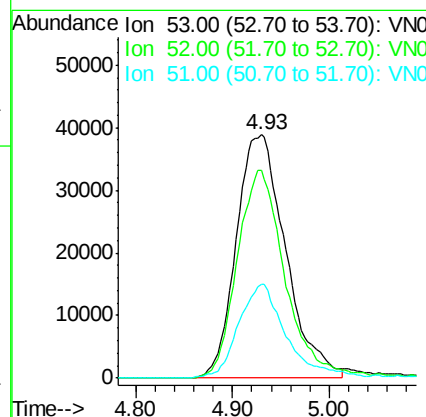
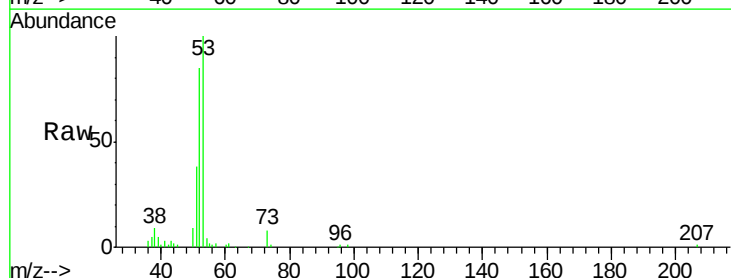
Manual Integrations
APPROVED

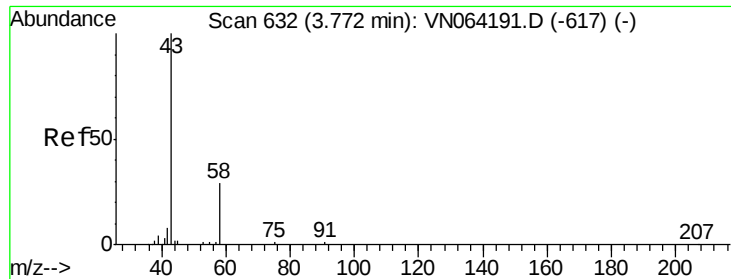
MMDadoda
10/23/2020 2:28:45 PM



#14
Acrylonitrile
Concen: 103.505 ug/l
RT: 4.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	53	Resp	137653
Ion Ratio	Lower	Upper	
53	100		
52	81.4	41.3	123.9
51	37.2	18.1	54.1





#15

Acetone

Concen: 104.199 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102020

Tot Ion: 58 Resp: 37415

Ion Ratio Lower Upper

58 100

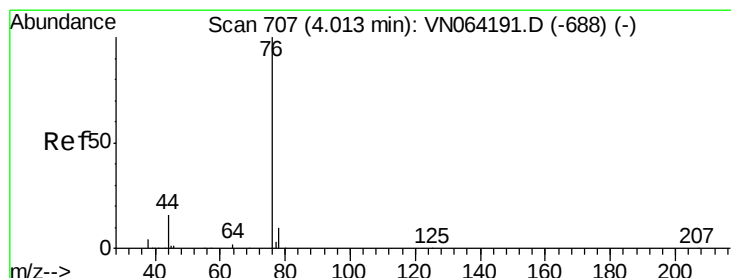
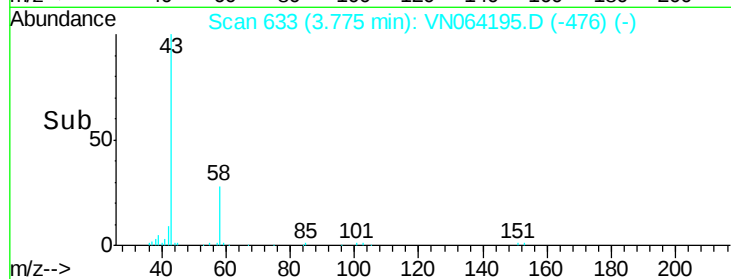
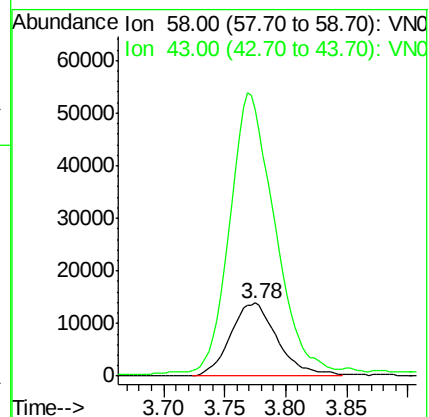
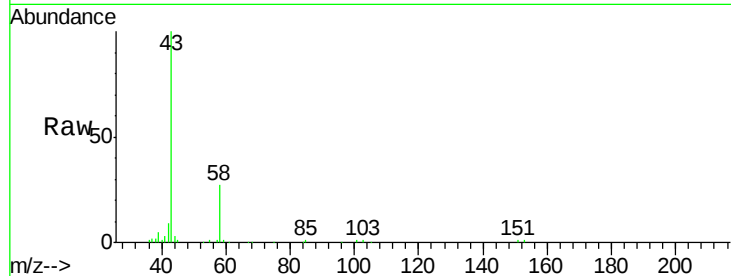
43 358.1 272.1 408.1

Manual Integrations

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MMDadoda

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#16

Carbon Disulfide

Concen: 21.182 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064195.D

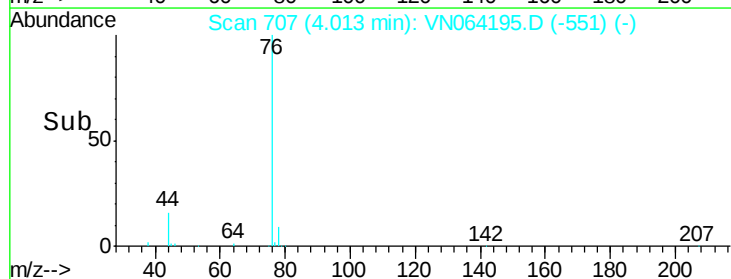
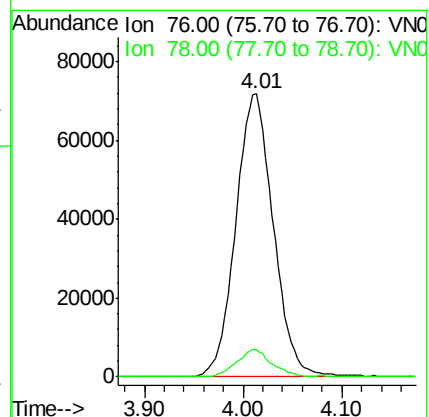
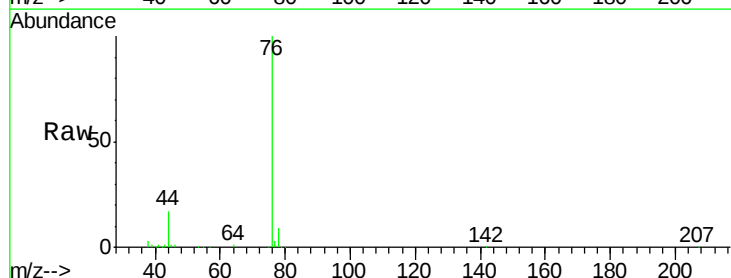
Acq: 20 Oct 2020 13:35

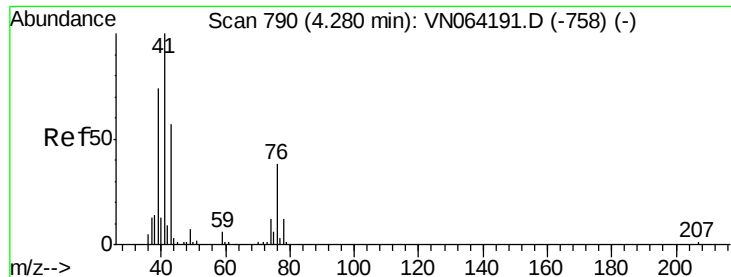
Tgt Ion: 76 Resp: 189674

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5





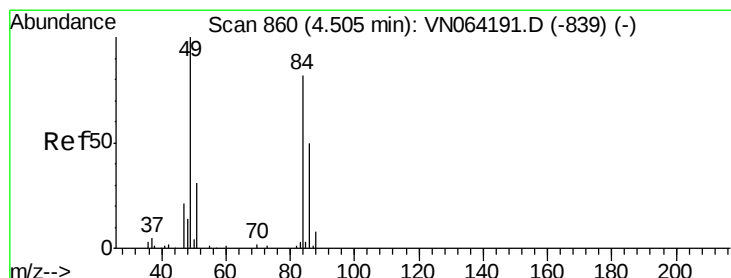
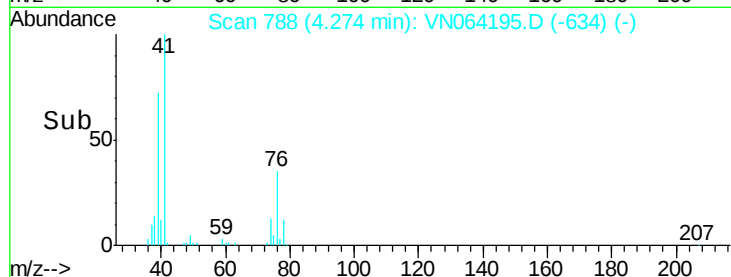
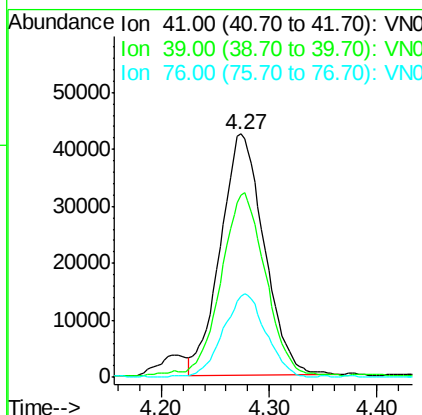
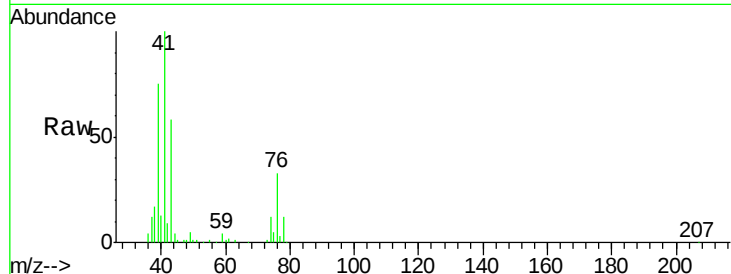
#17
Allvl chloride
Concen: 20.555 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.5	36.8	110.4
76	33.9	18.8	56.4

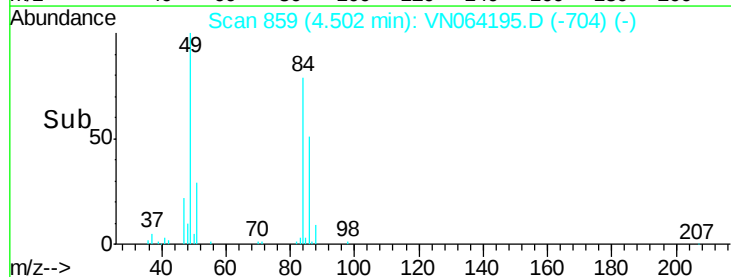
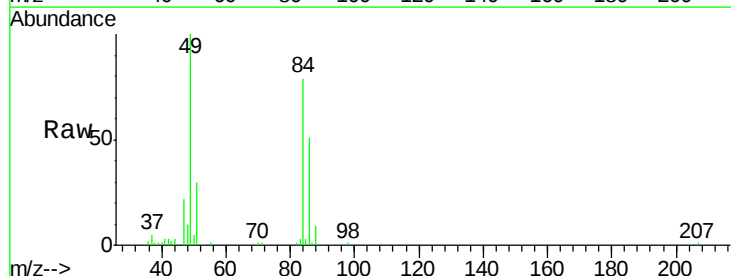
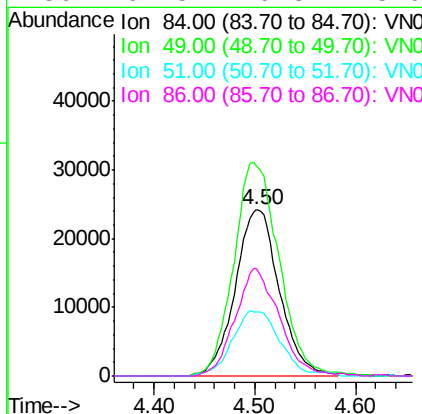
Manual Integrations
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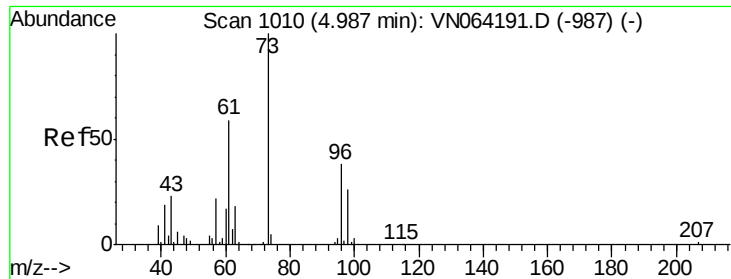
MMDadoda
10/23/2020 2:28:45 PM



#18
Methylene Chloride
Concen: 20.563 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	97.6	146.4
51	38.2	31.1	46.7
86	64.5	49.3	73.9





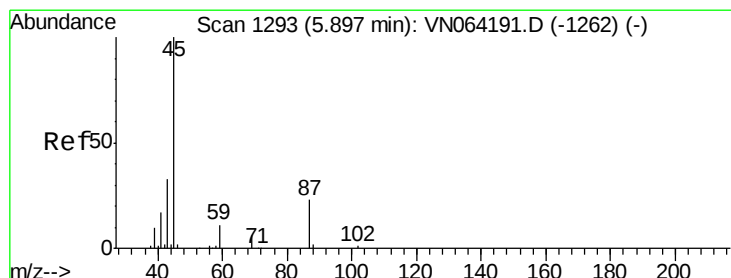
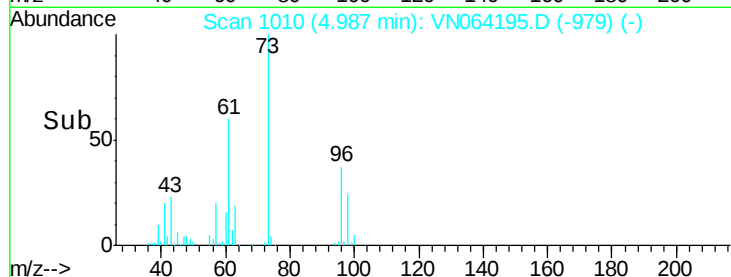
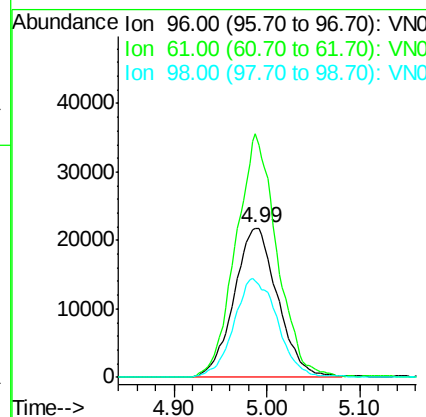
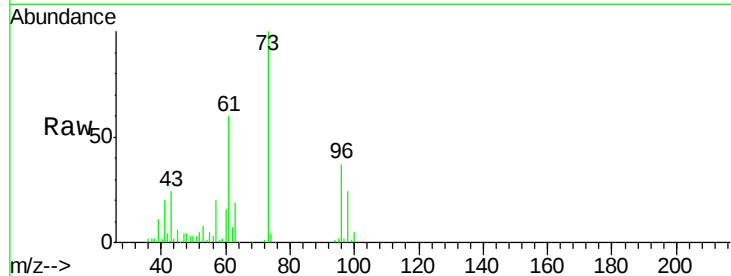
#19
trans-1,2-Dichloroethene
Concen: 21.092 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	162.8	125.5	188.3	
98	64.5	54.7	82.1	

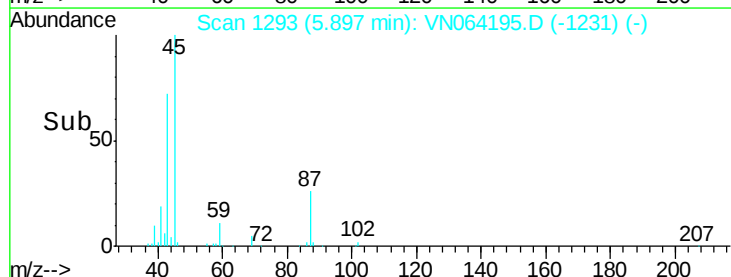
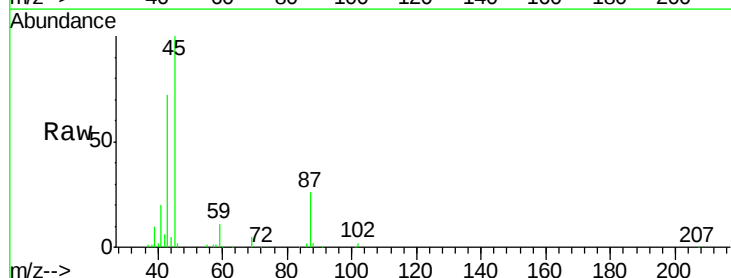
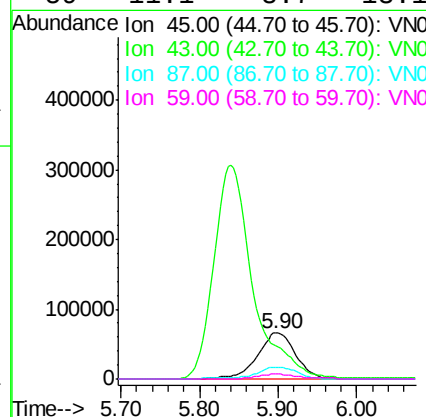
Manual Integrations
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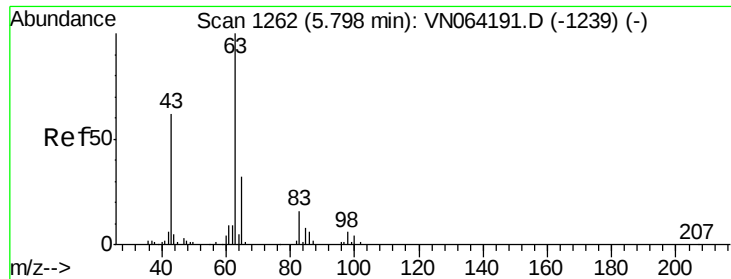
MMDadoda
10/23/2020 2:28:45 PM



#20
Diisopropyl ether
Concen: 20.861 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	69.0	55.1	82.7	
87	26.3	19.4	29.2	
59	11.1	8.7	13.1	





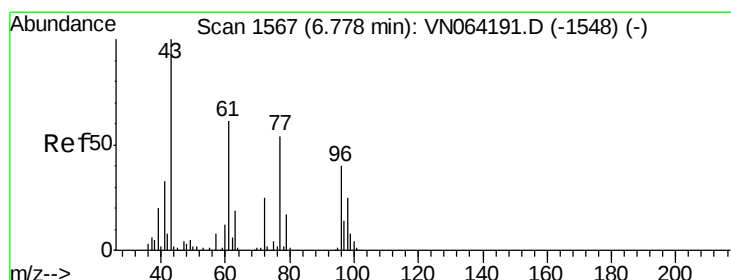
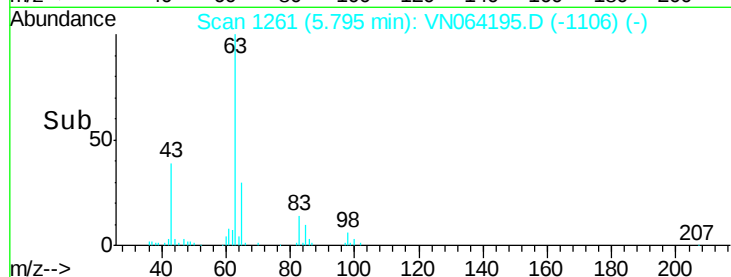
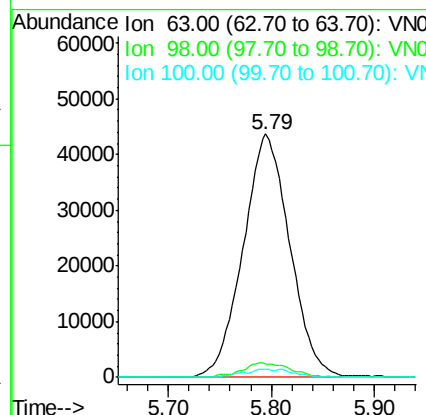
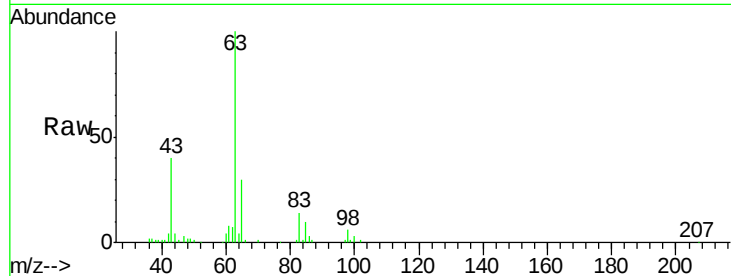
#21
 1,1-Dichloroethane
 Concen: 20.846 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	5.6	2.9	8.7
100	3.4	2.1	6.3

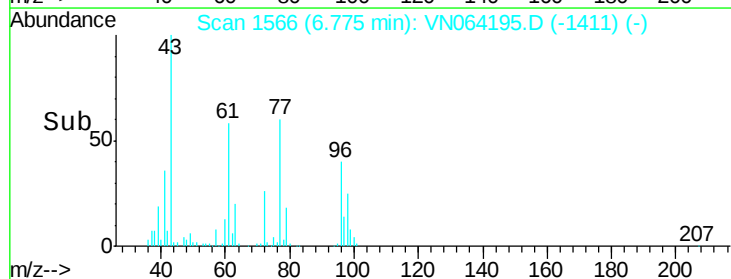
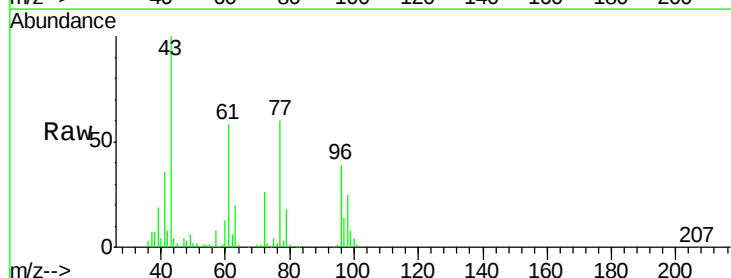
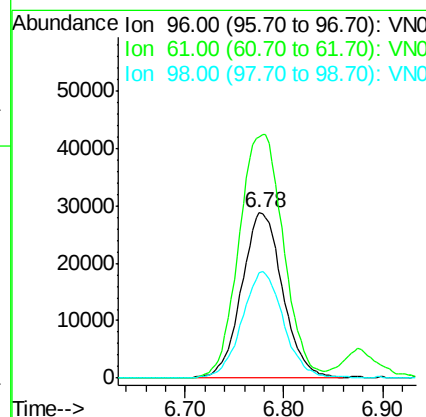
Manual Integrations
 APPROVED

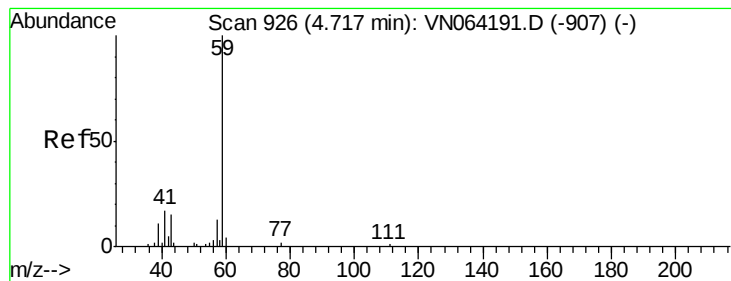
MMDadoda
 10/23/2020 2:28:45 PM



#22
 cis-1,2-Dichloroethene
 Concen: 21.097 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	158.9	126.2	189.4
98	64.6	50.2	75.4





#23

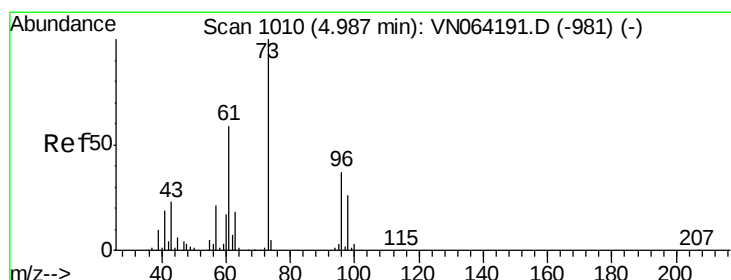
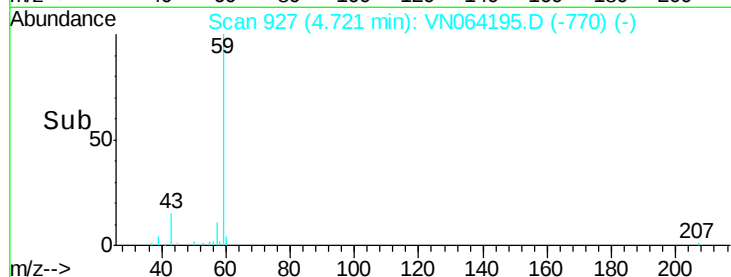
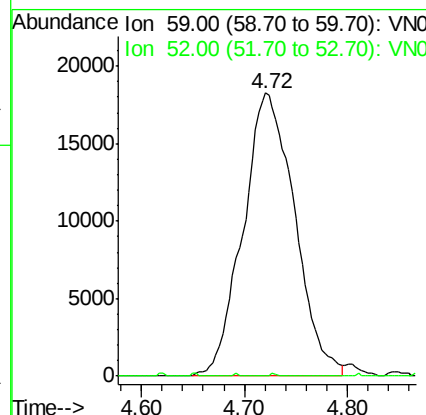
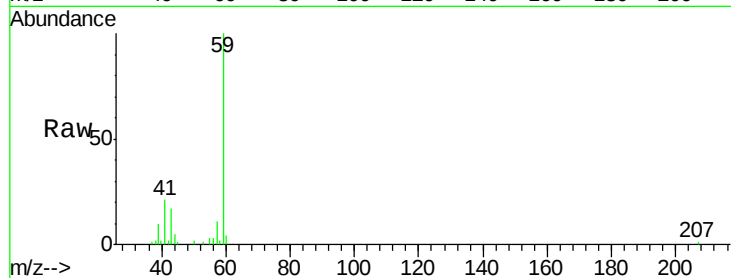
tert-Butyl Alcohol
 Concen: 103.282 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	63530		
52	52	0.1		0.0	0.0#

Manual Integrations
 APPROVED

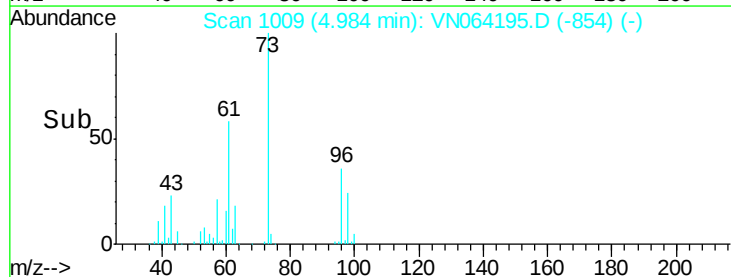
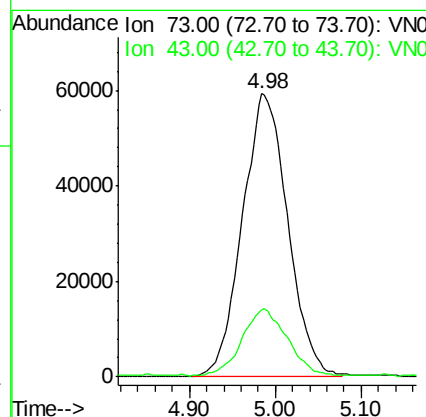
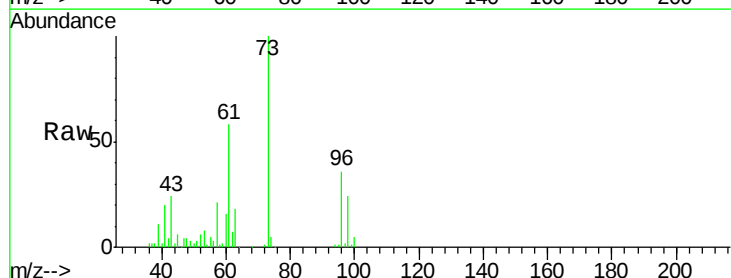
MMDadoda
 10/23/2020 2:28:45 PM

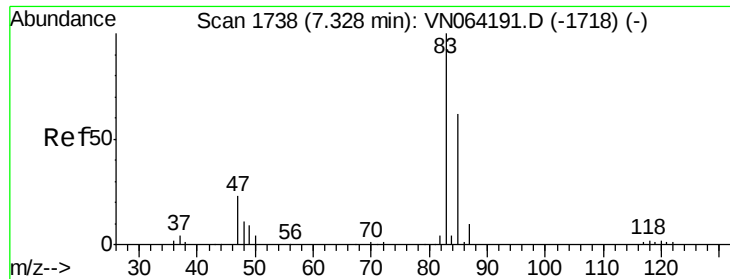


#24

Methyl tert-Butyl Ether
 Concen: 21.063 ug/l
 RT: 4.98 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	73	100	217927		
43	43	23.4		18.2	27.2





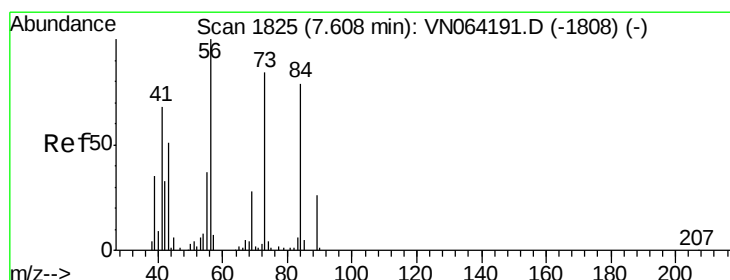
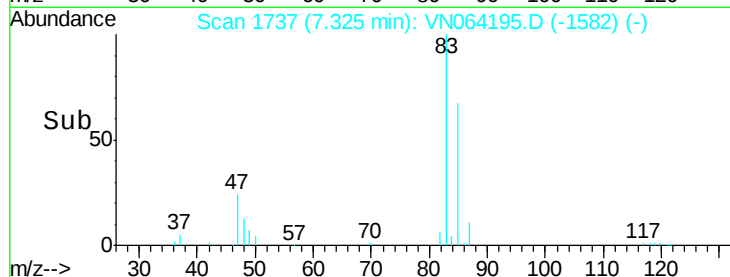
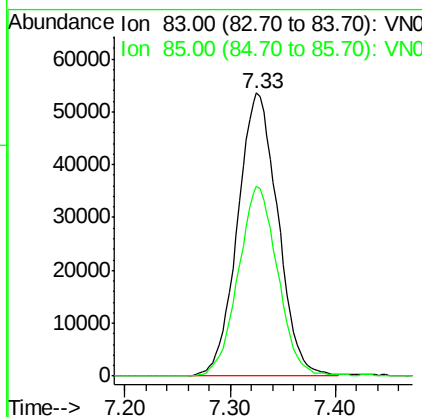
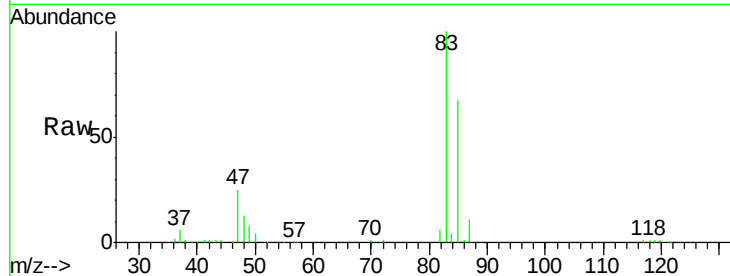
#25
Chloroform
Concen: 20.811 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	83	Resp	142038
Ion Ratio	100	Lower	Upper
85	67.2	49.7	74.5

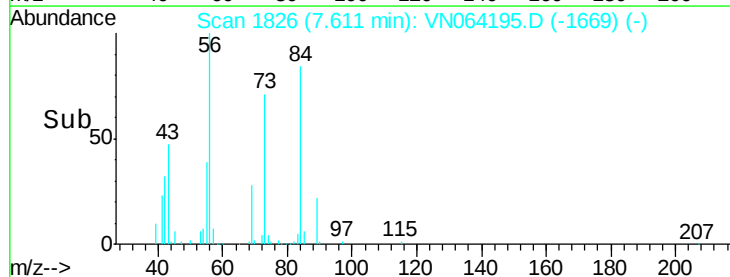
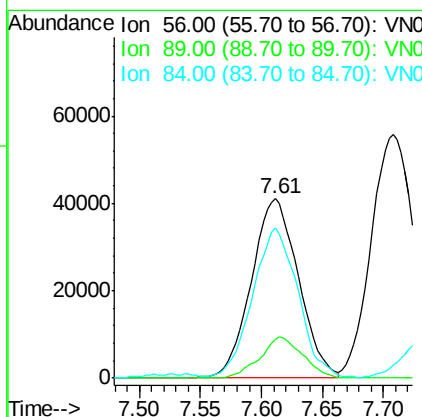
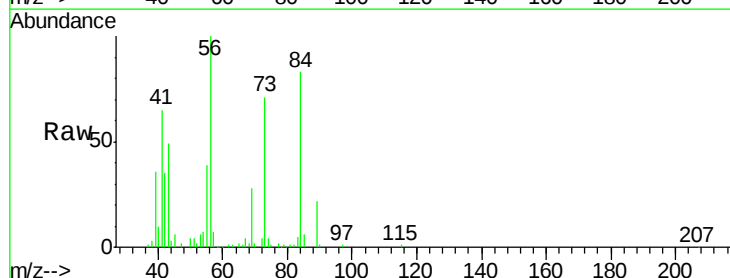
Manual Integrations
APPROVED

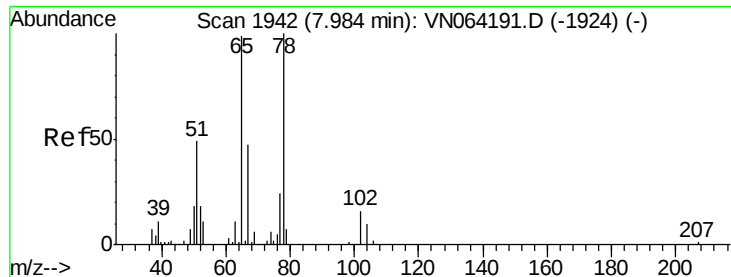
MMDadoda
10/23/2020 2:28:45 PM



#26
Cyclohexane
Concen: 21.115 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	56	Resp	109972
Ion Ratio	100	Lower	Upper
89	20.8	21.4	32.0#
84	80.8	65.8	98.6





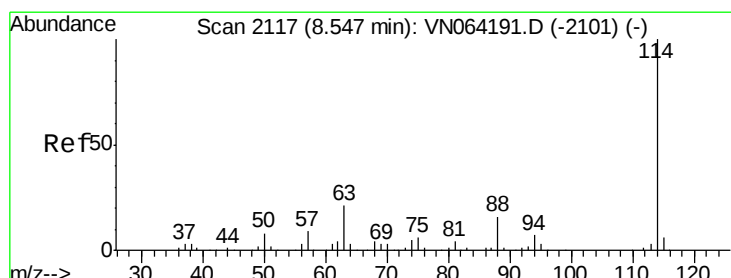
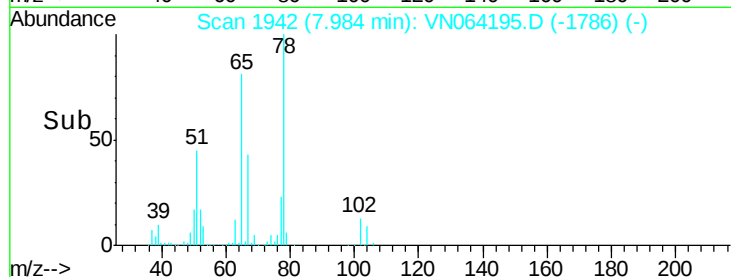
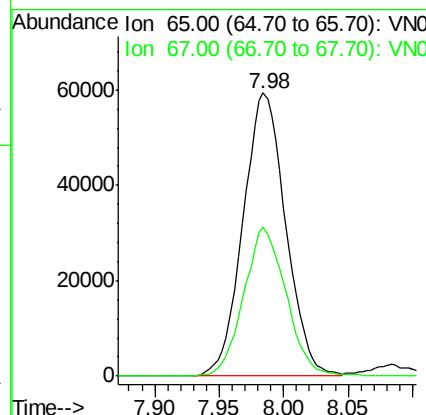
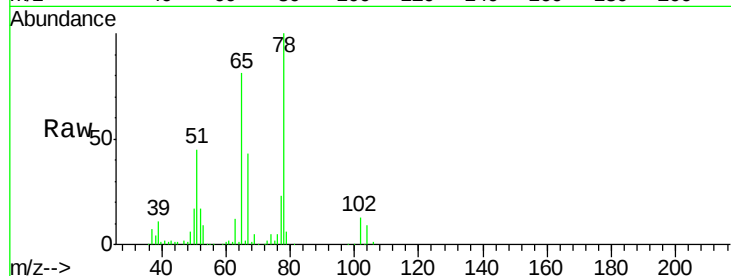
#27
 1,2-Dichloroethane-d4
 Concen: 30.483 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	39.8	59.6

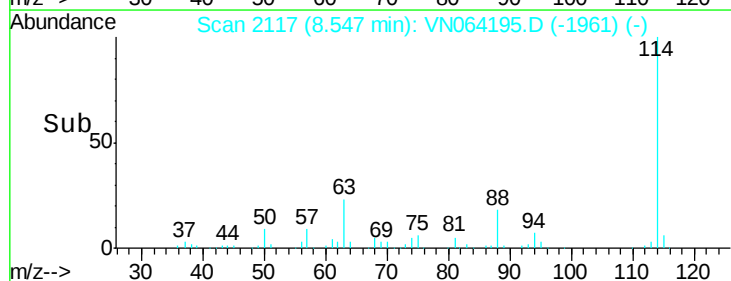
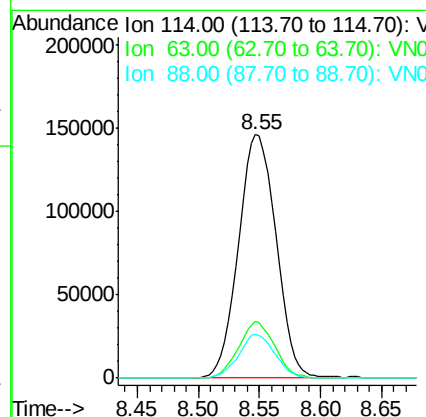
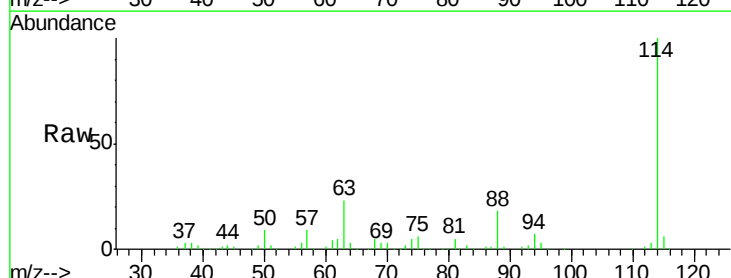
Manual Integrations
 APPROVED

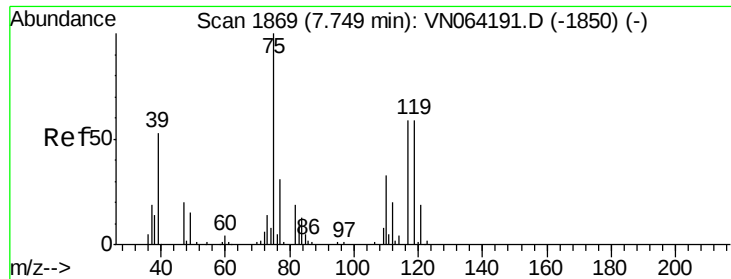
MMDadoda
 10/23/2020 2:28:45 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	17.0	25.4
88	17.2	13.0	19.4





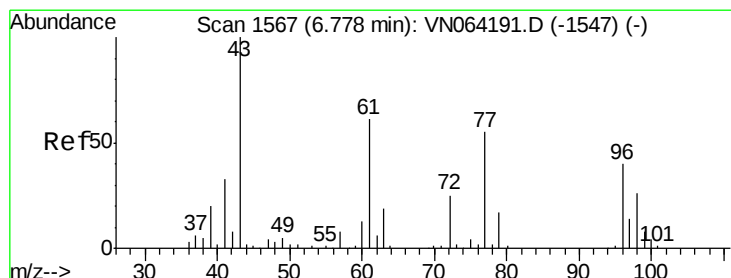
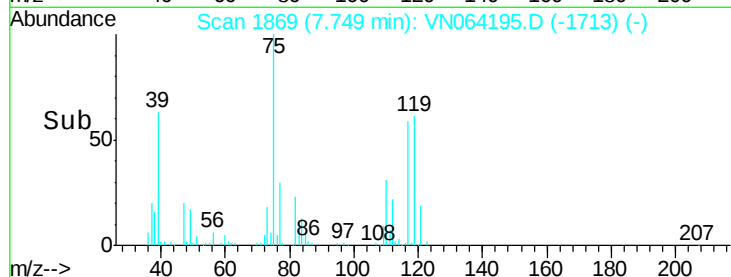
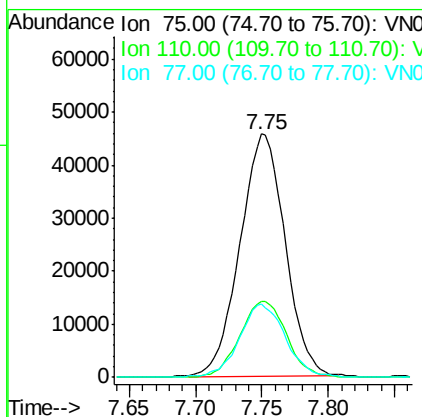
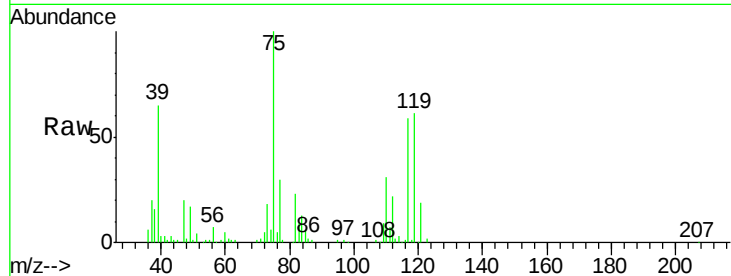
#29
 1,1-Dichloropropene
 Concen: 20.748 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.7	0.0	66.8	
77	30.8	0.0	63.6	

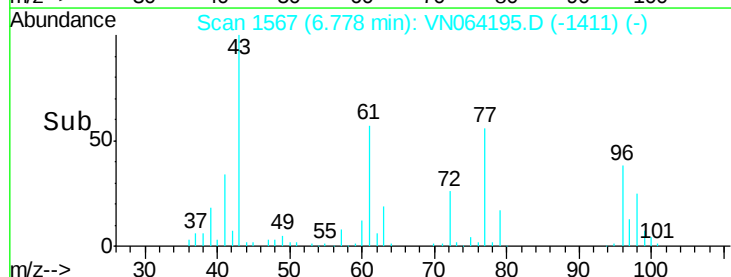
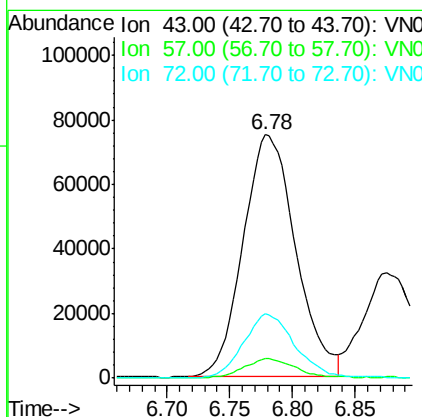
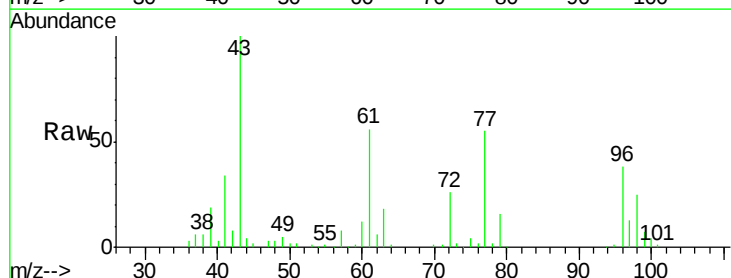
Manual Integrations
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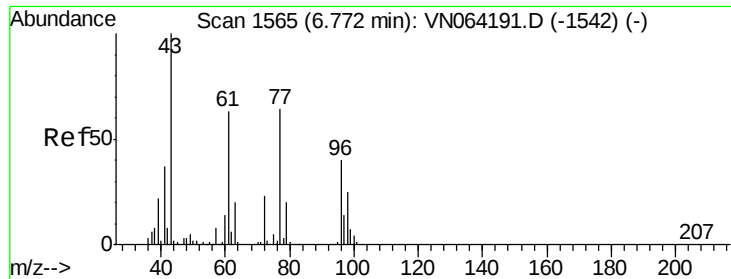
MMDadoda
 10/23/2020 2:28:45 PM



#30
 2-Butanone
 Concen: 101.872 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	7.8	5.8	8.6	
72	25.8	19.8	29.8	





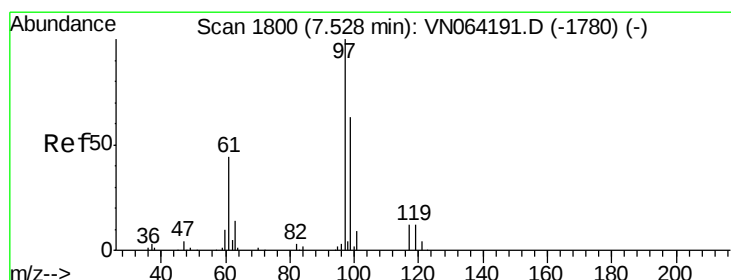
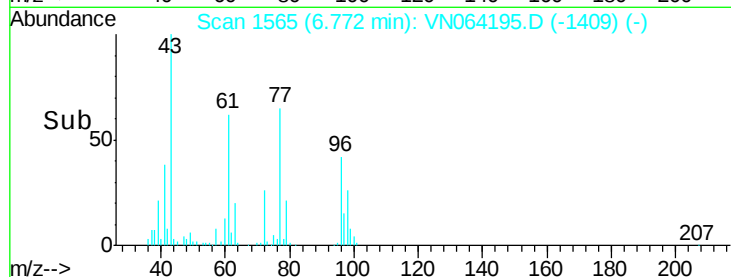
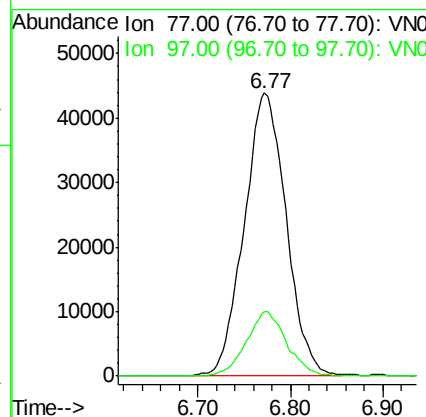
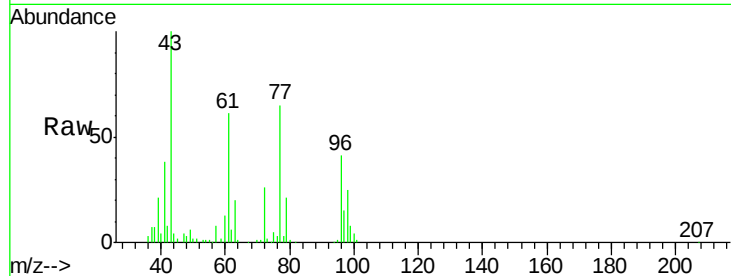
#31
 2,2-Dichloropropane
 Concen: 20.883 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ratio	Lower	Upper
77	100		
97	21.9	17.3	25.9

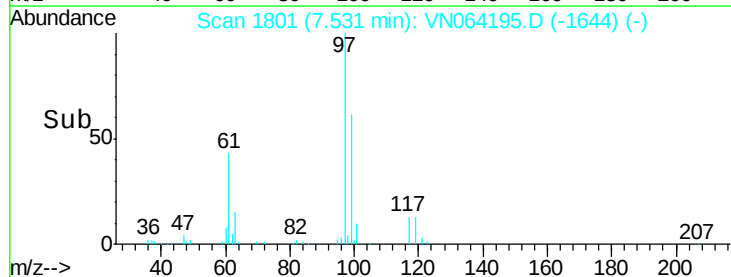
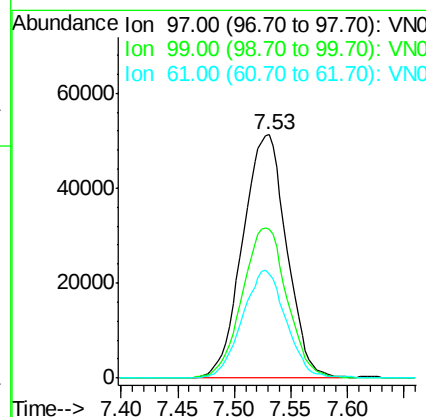
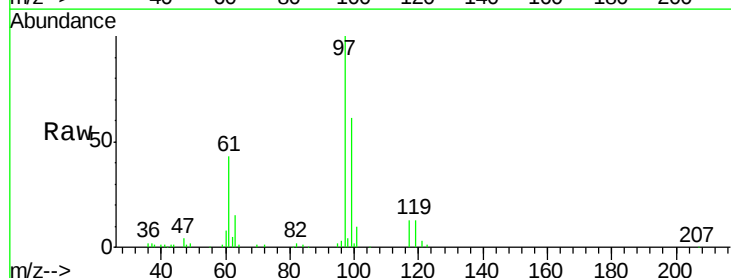
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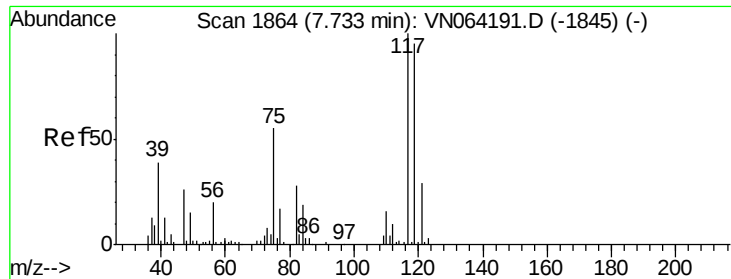
MMDadoda
 10/23/2020 2:28:45 PM



#32
 1,1,1-Trichloroethane
 Concen: 20.912 ug/l
 RT: 7.53 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.3	76.9
61	43.8	34.8	52.2





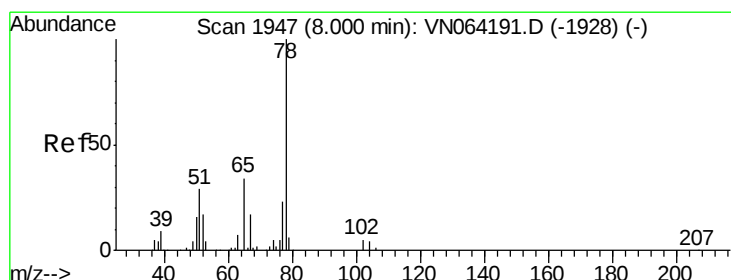
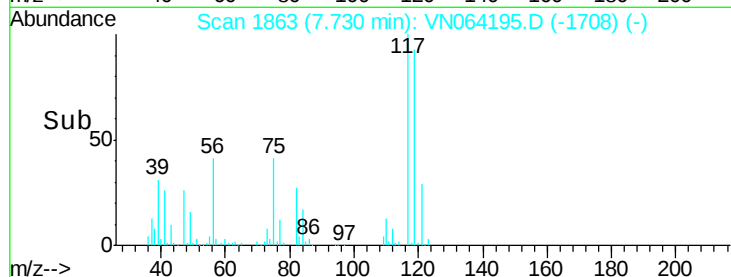
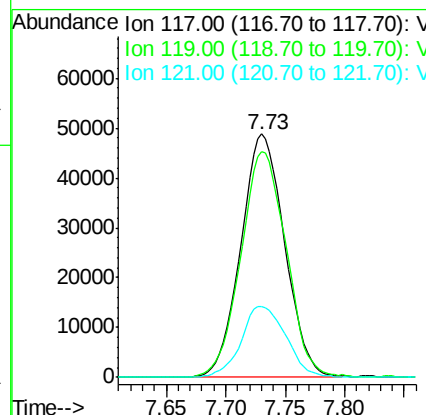
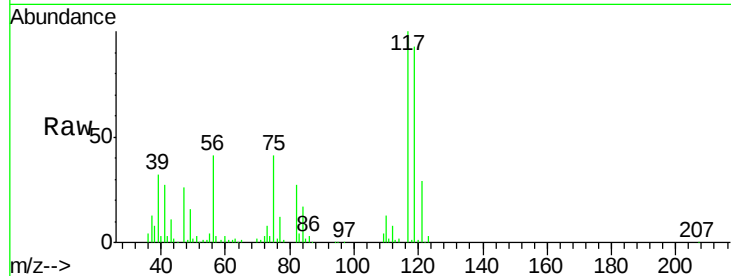
#33
Carbon Tetrachloride
Concen: 20.620 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.0	114.0
121	29.0	23.0	34.6

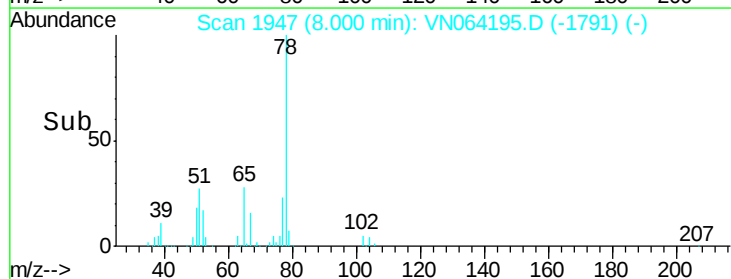
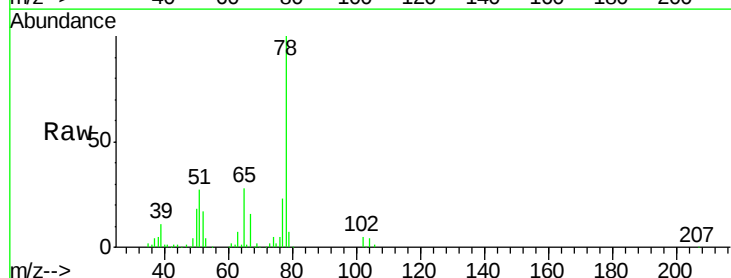
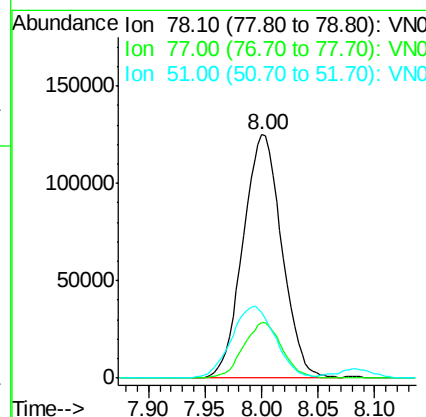
Manual Integrations
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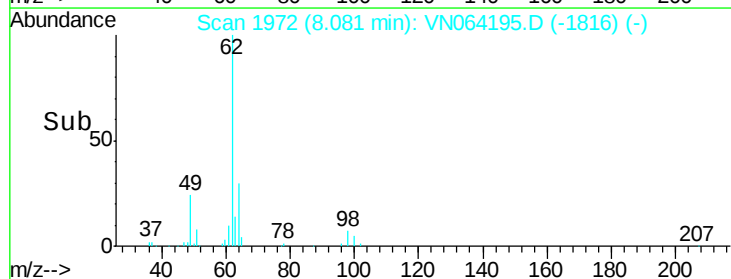
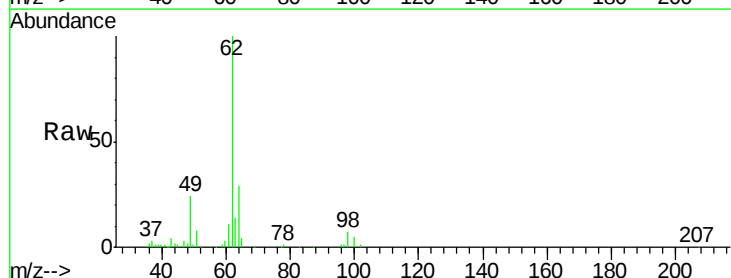
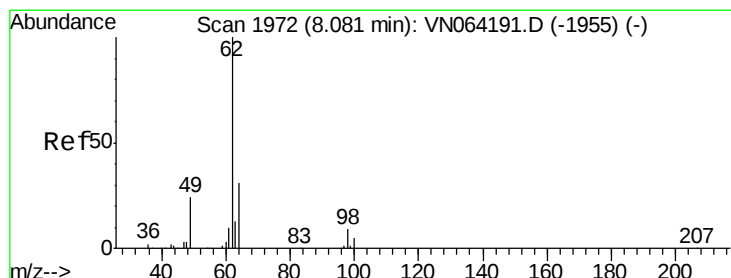
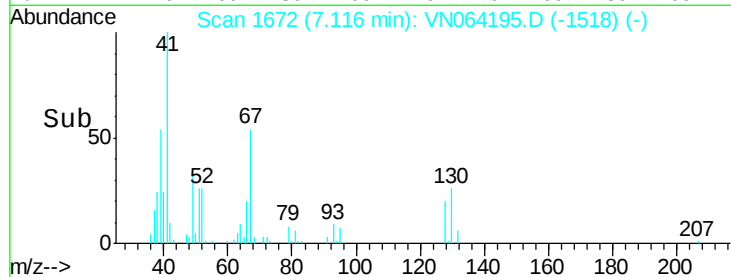
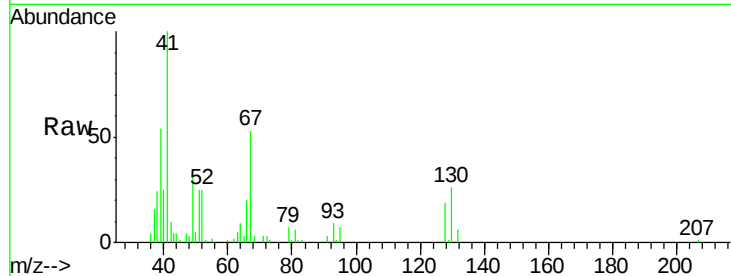
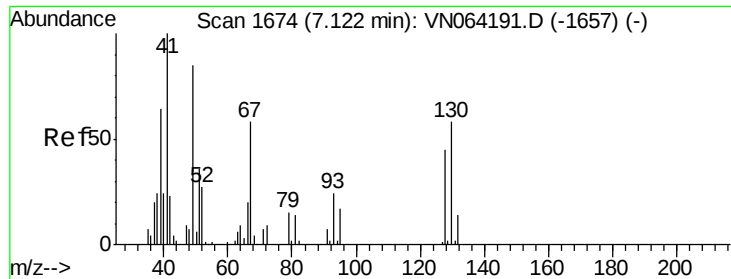
MMDadoda
10/23/2020 2:28:45 PM



#34
Benzene
Concen: 20.626 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

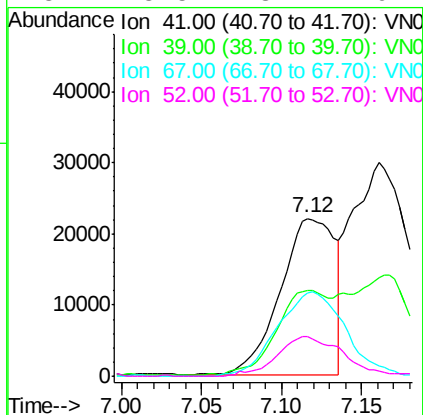
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.4	27.6
51	26.6	23.0	34.6





#35
Methacrylonitrile
Concen: 22.317 ug/l
RT: 7.12 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.7	32.1	96.3
67	53.4	28.9	86.8
52	25.5	13.4	40.2



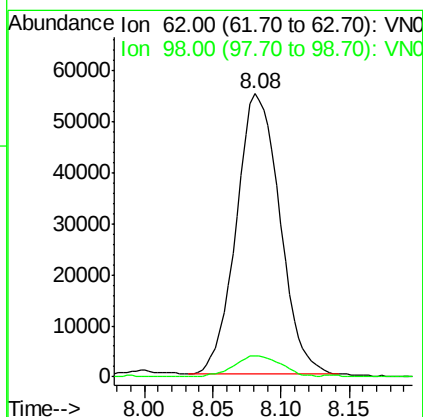
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

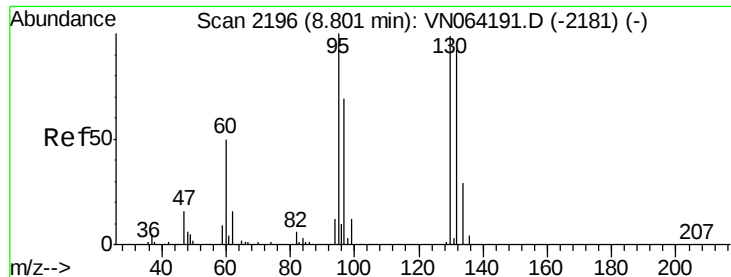
Manual Integrations
APPROVED

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10/23/2020 2:28:45 PM

#36
1,2-Dichloroethane
Concen: 20.835 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.3	9.5





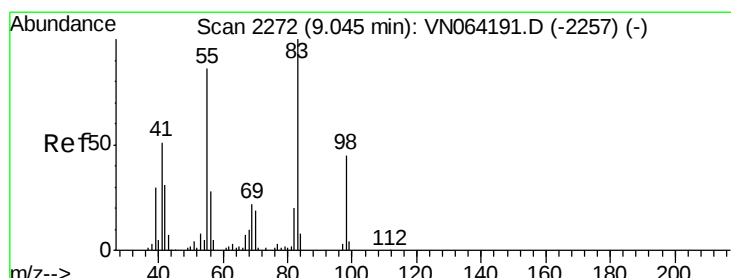
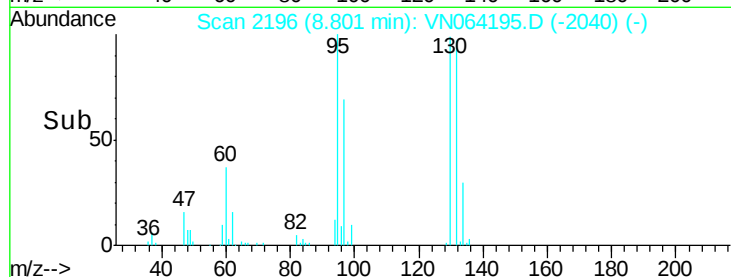
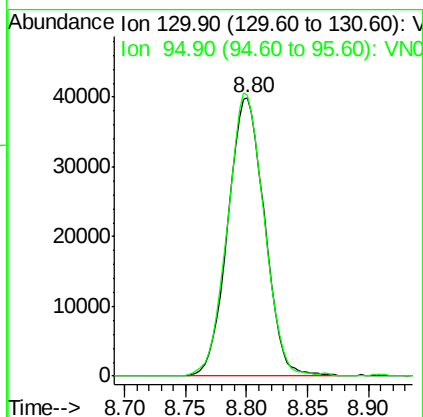
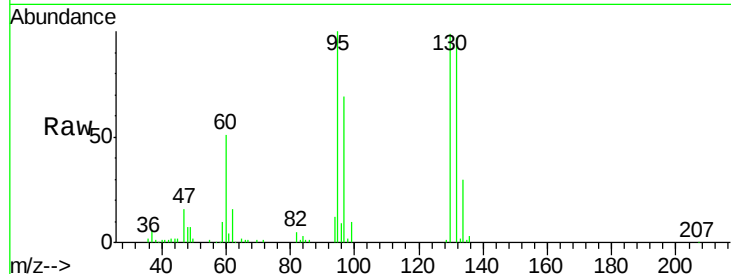
#37
 Trichloroethene
 Concen: 20.906 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion:130 Resp: 83464
 Ion Ratio Lower Upper
 130 100
 95 100.9 81.0 121.4

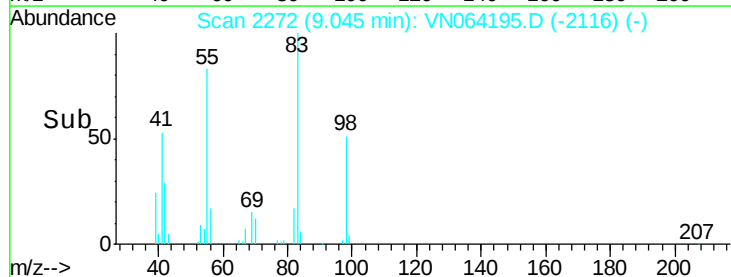
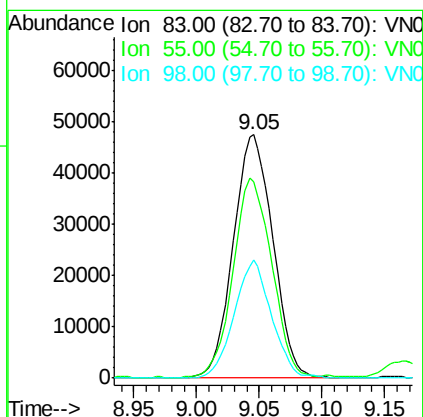
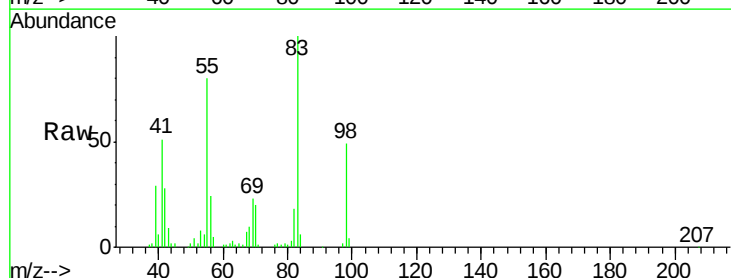
Manual Integrations
 APPROVED

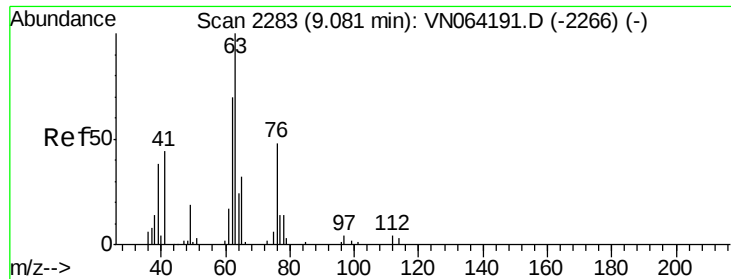
MMDadoda
 10/23/2020 2:28:45 PM



#38
 Methylcyclohexane
 Concen: 20.890 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion: 83 Resp: 104036
 Ion Ratio Lower Upper
 83 100
 55 80.5 40.3 120.9
 98 44.4 22.4 67.0





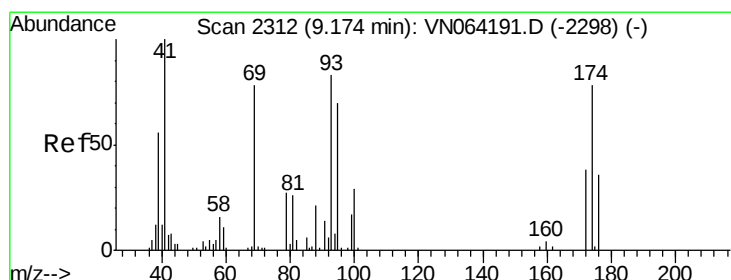
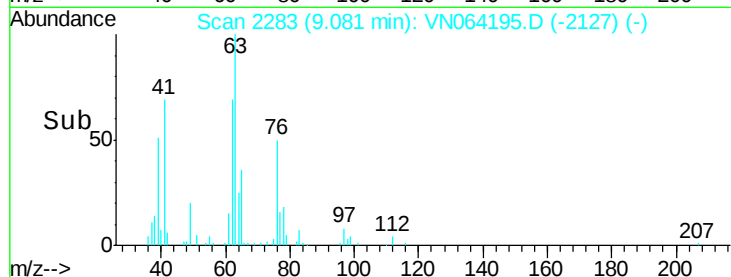
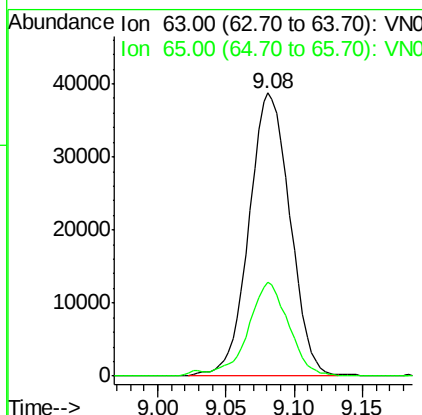
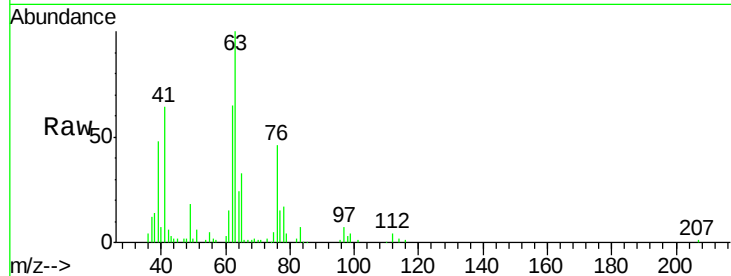
#39
 1,2-Dichloropropane
 Concen: 20.933 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion: 63 Resp: 81002
 Ion Ratio Lower Upper
 63 100
 65 33.3 26.5 39.7

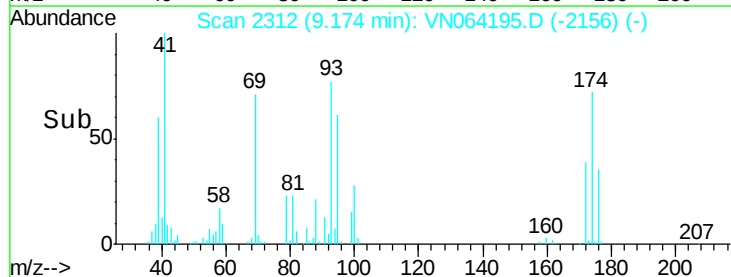
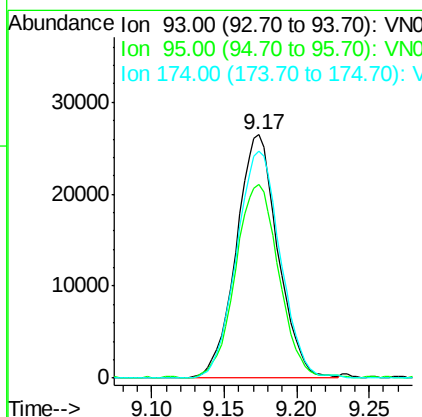
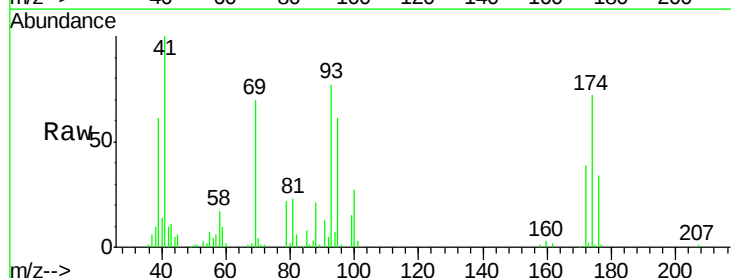
Manual Integrations
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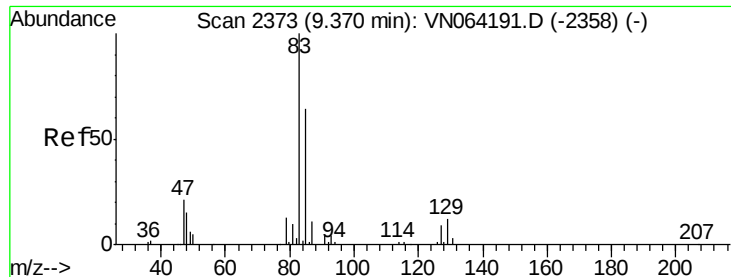
MMDadoda
 10/23/2020 2:28:45 PM



#40
 Dibromomethane
 Concen: 19.678 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion: 93 Resp: 52981
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 169.2
 174 97.3 0.0 187.4





#41

Bromodichloromethane

Concen: 20.764 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

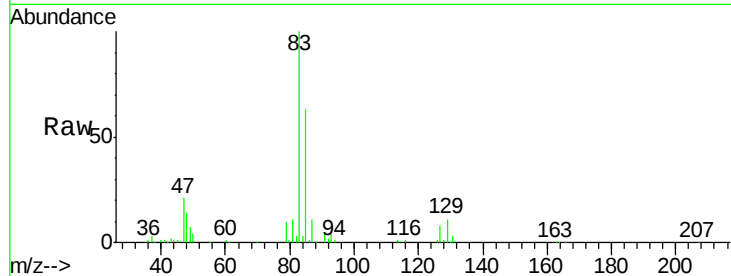
ClientSampleId :

ICVVN102020

Tot Ion:	83	Resp:	120990
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.5	77.3
127	8.1	6.8	10.2

Manual Integrations
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MMDadoda
10/23/2020 2:28:45 PM

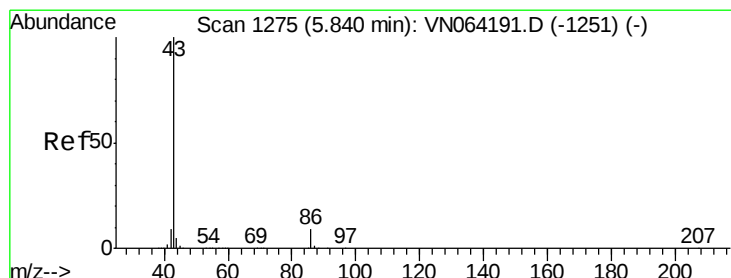
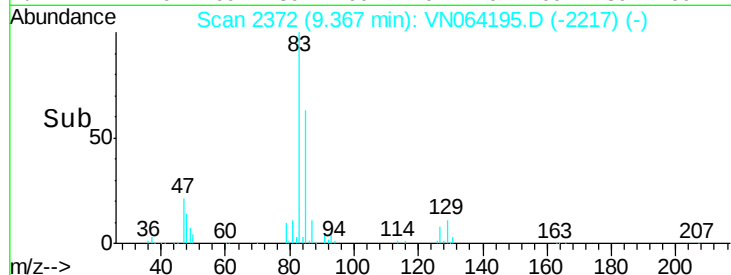


Abundance Ion 83.00 (82.70 to 83.70): VN064195.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN064195.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN064195.D (-2358) (-)

Time-->



#42

Vinyl Acetate

Concen: 102.781 ug/l

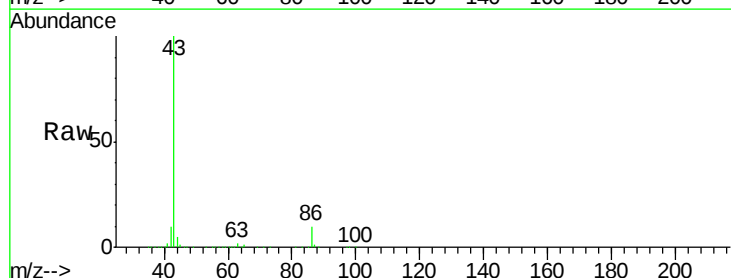
RT: 5.84 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

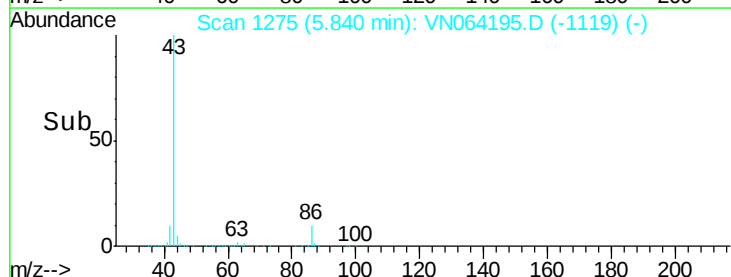
Tgt Ion:	43	Resp:	1047758
Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.7	10.1

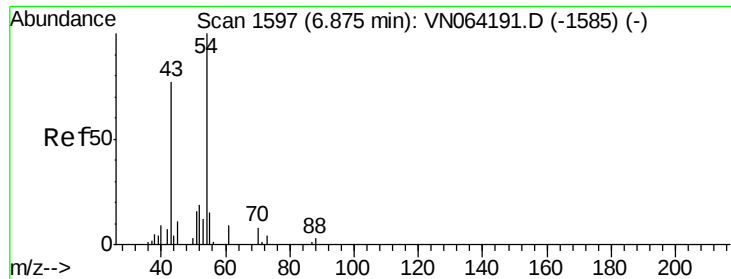


Abundance Ion 43.00 (42.70 to 43.70): VN064195.D (-1119) (-)

Ion 86.00 (85.70 to 86.70): VN064195.D (-1119) (-)

Time-->





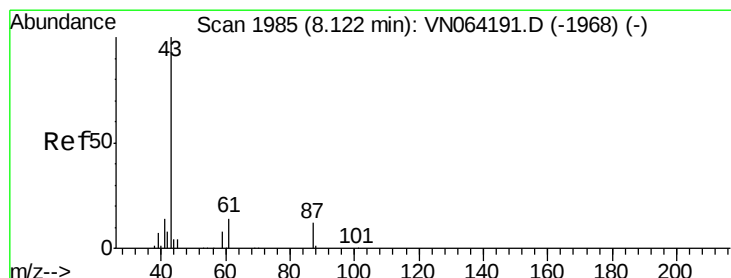
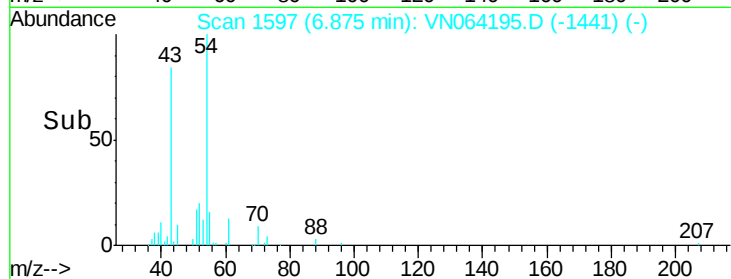
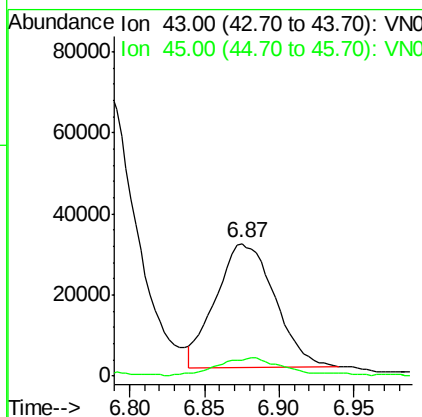
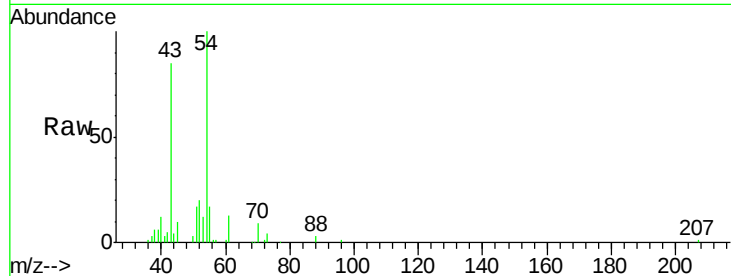
#43
Ethyl Acetate
Concen: 18.047 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	43	45	Ratio	Lower	Upper
84636	100	6.2		9.8	14.8#

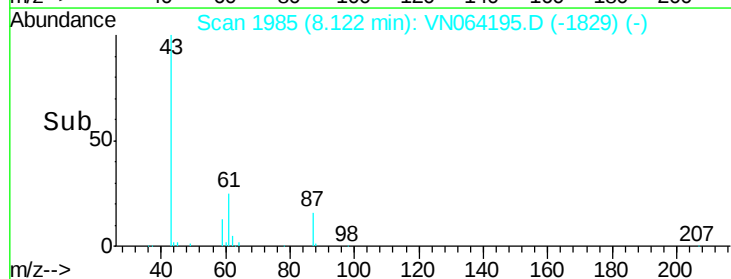
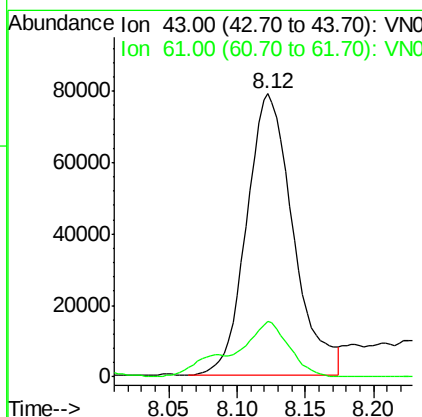
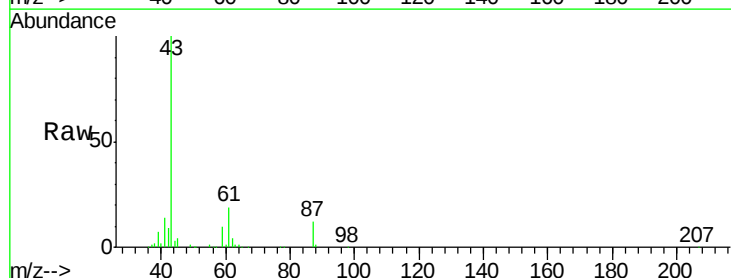
Manual Integrations
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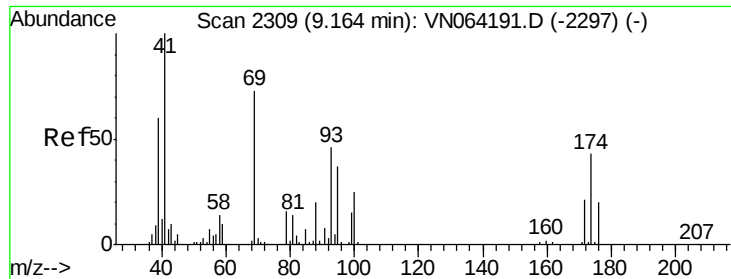
MMDadoda
10/23/2020 2:28:45 PM



#44
Isopropyl Acetate
Concen: 20.723 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	43	61	Ratio	Lower	Upper
186581	100	17.8		18.7	28.1#





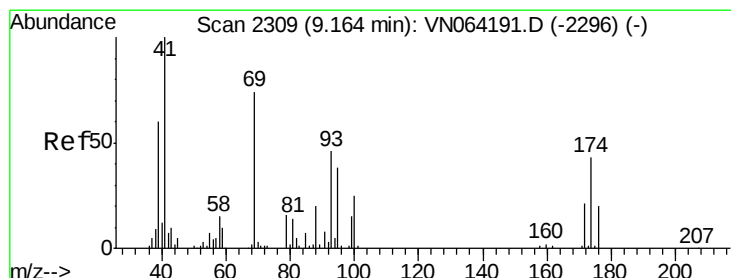
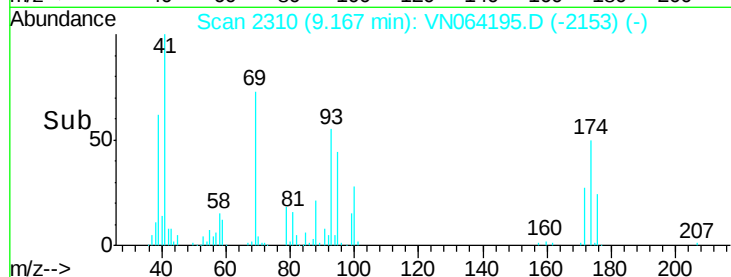
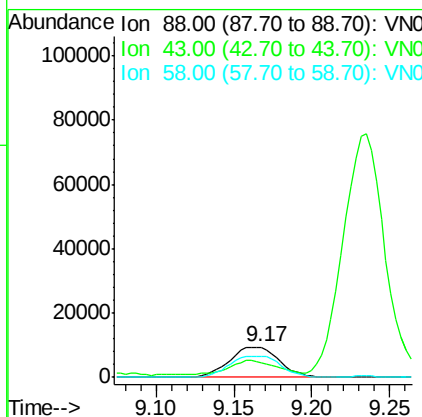
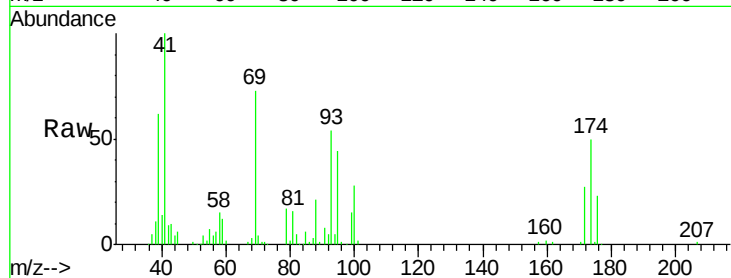
#45
1,4-Dioxane
Concen: 399.219 ug/l m
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	37.0	55.4#
58	0.0	62.4	93.6#

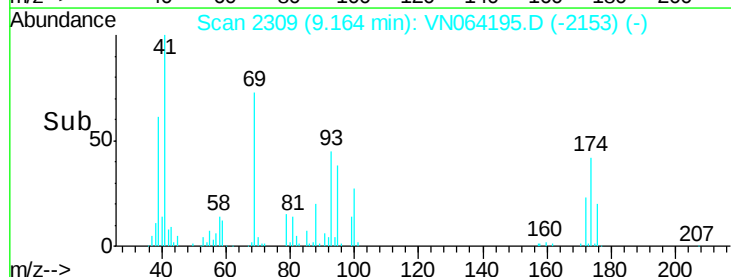
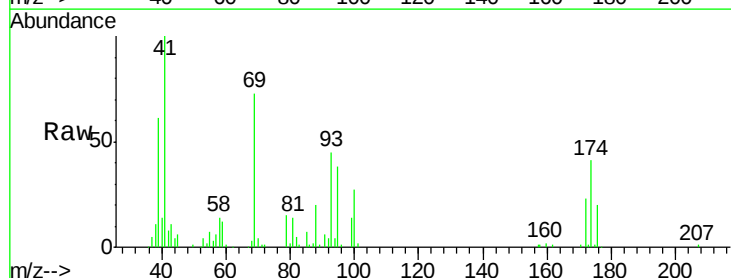
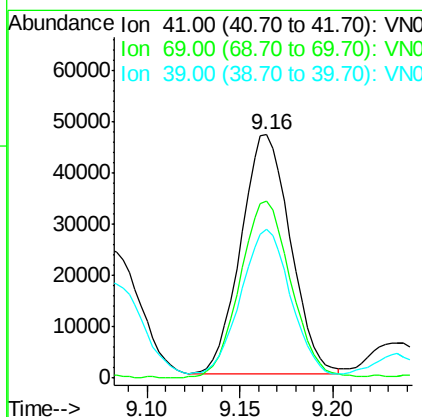
Manual Integrations
APPROVED

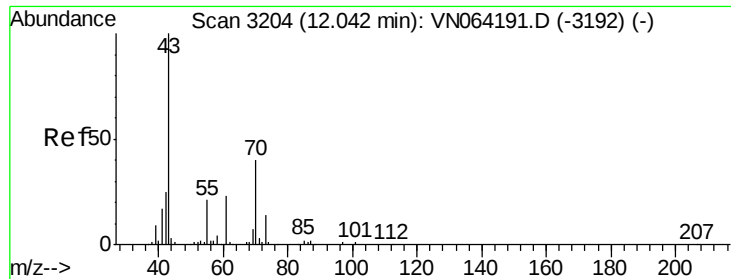
MMDadoda
10/23/2020 2:28:45 PM



#46
Methyl methacrylate
Concen: 20.237 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.9	36.8	110.4
39	60.6	30.4	91.2





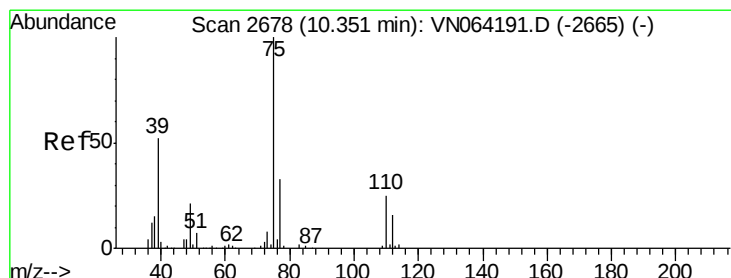
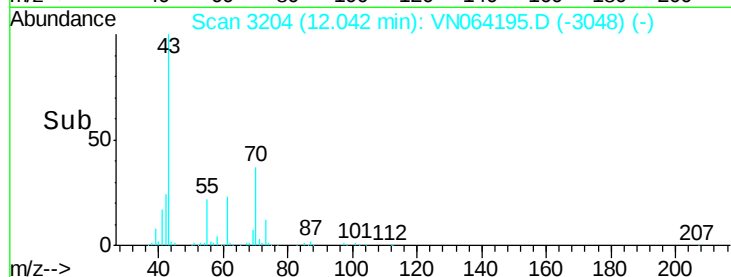
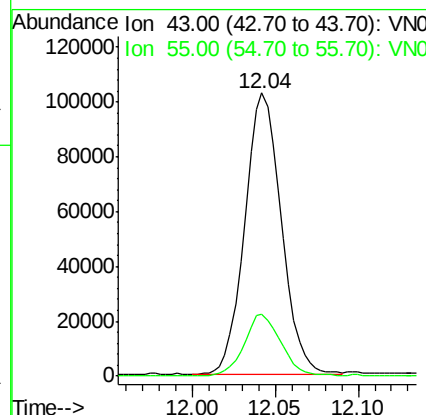
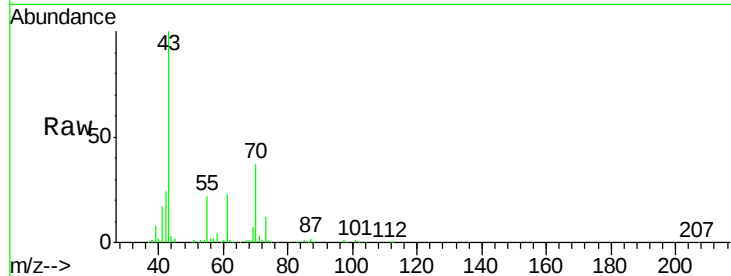
#47
n-amvl Acetate
Concen: 19.638 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Lower	Upper
43	100		
55	22.0	17.6	26.4

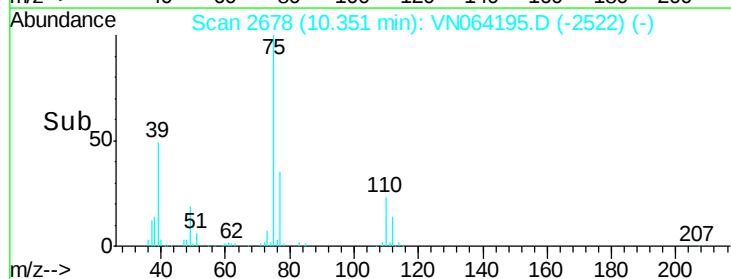
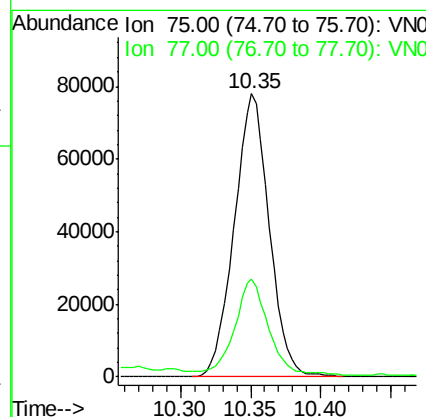
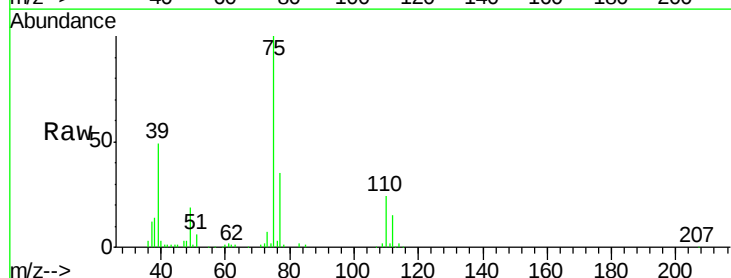
Manual Integrations
APPROVED

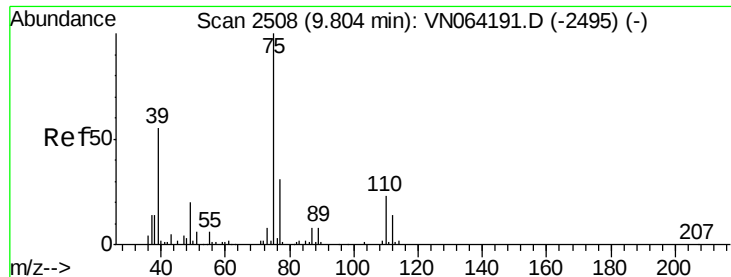
MMDadoda
10/23/2020 2:28:45 PM



#48
t-1,3-Dichloropropene
Concen: 20.592 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.9	27.4	41.2





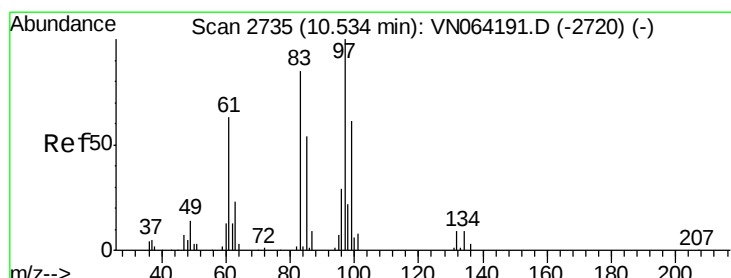
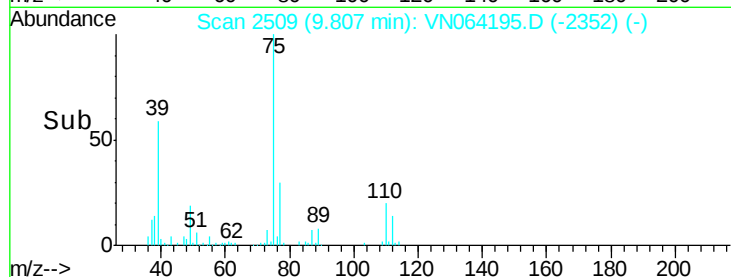
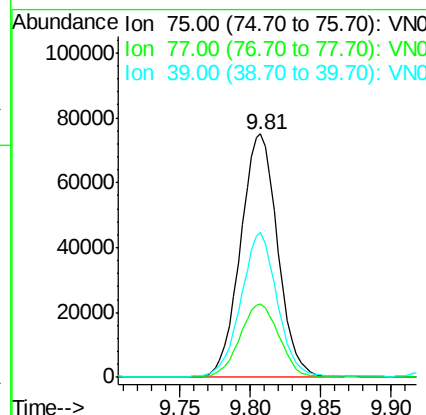
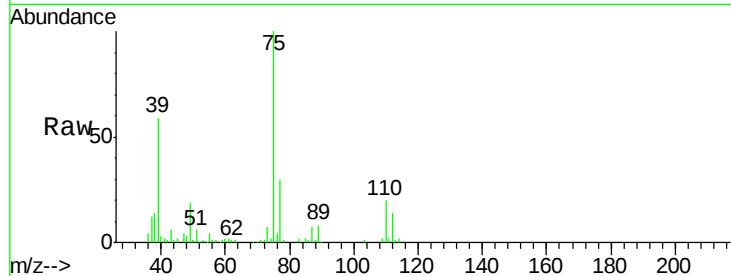
#49
 cis-1,3-Dichloropropene
 Concen: 20.385 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.5	36.7
39	58.9	43.8	65.8

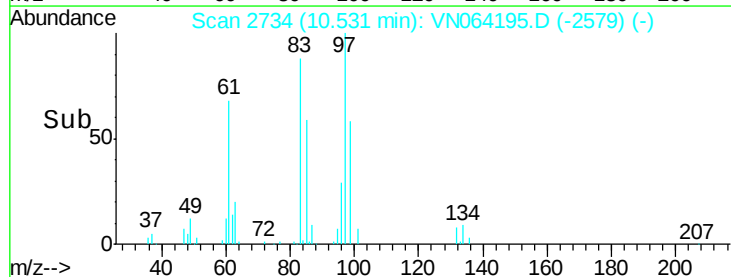
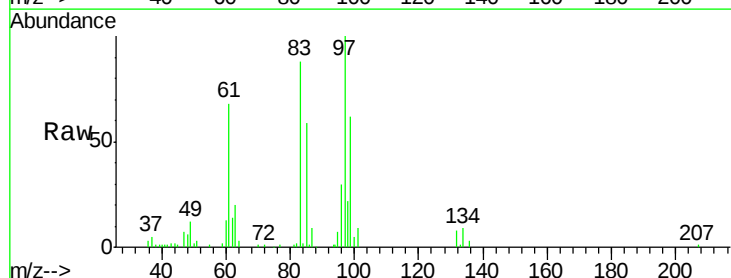
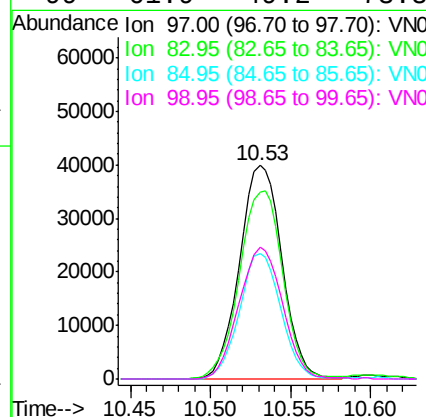
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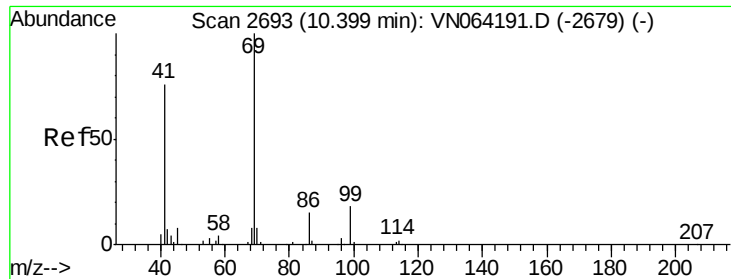
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#50
 1,1,2-Trichloroethane
 Concen: 20.033 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.7	101.5
85	58.9	43.2	64.8
99	61.9	49.2	73.8





#51

Ethyl methacrylate

Concen: 20.098 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102020

Tot Ion: 69 Resp: 114633

Ion Ratio Lower Upper

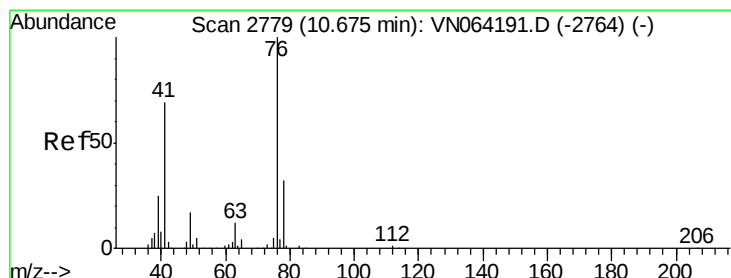
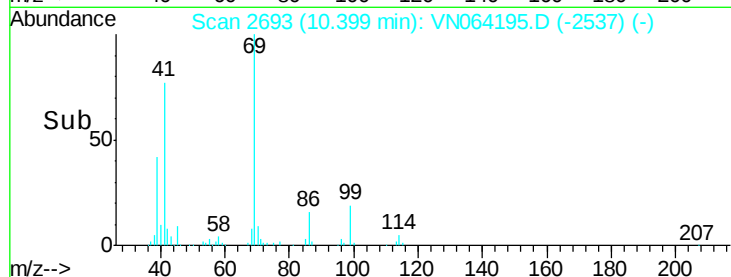
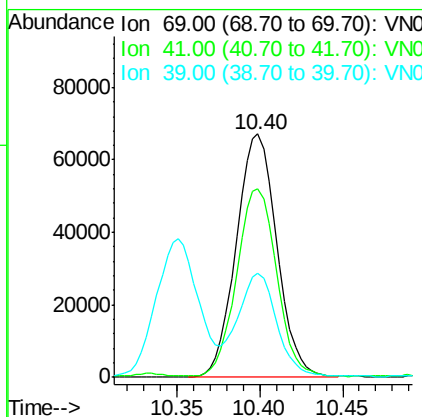
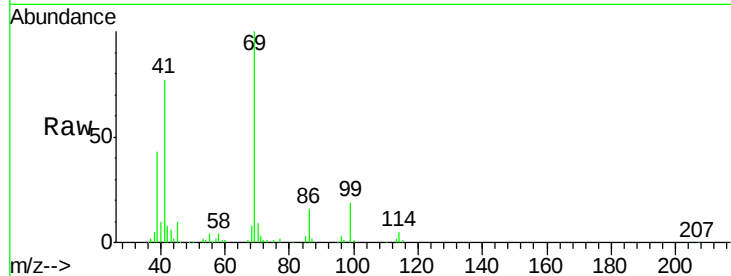
69 100

41 76.9 38.0 114.1

39 42.0 21.4 64.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.231 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064195.D

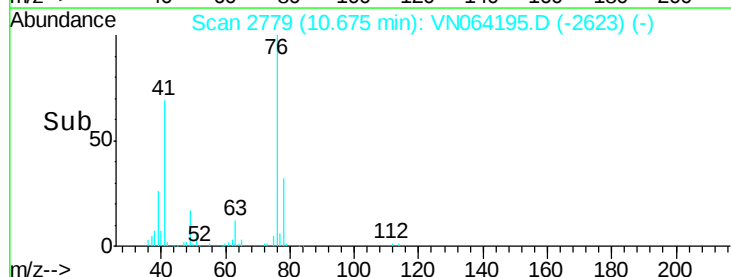
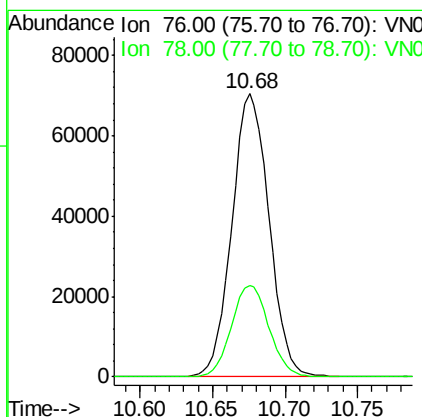
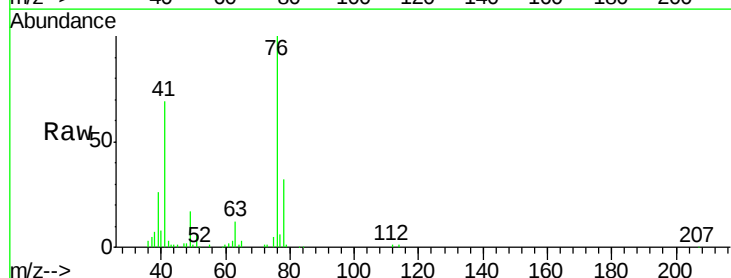
Acq: 20 Oct 2020 13:35

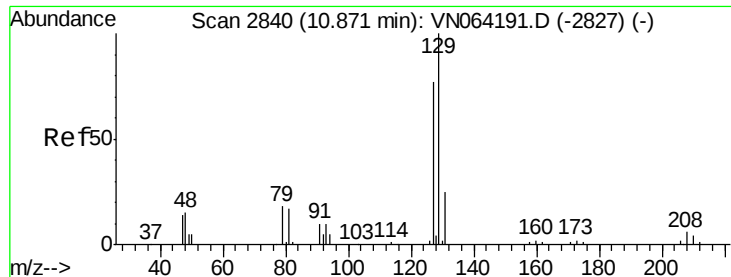
Tgt Ion: 76 Resp: 125808

Ion Ratio Lower Upper

76 100

78 32.6 0.0 64.4





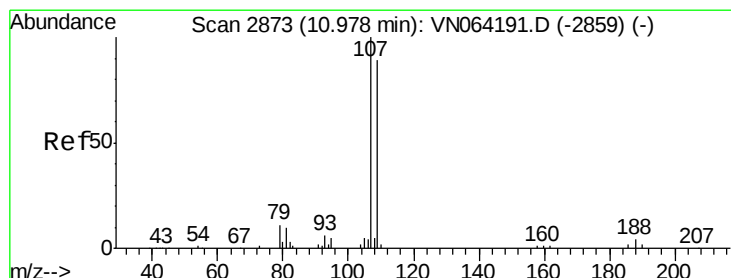
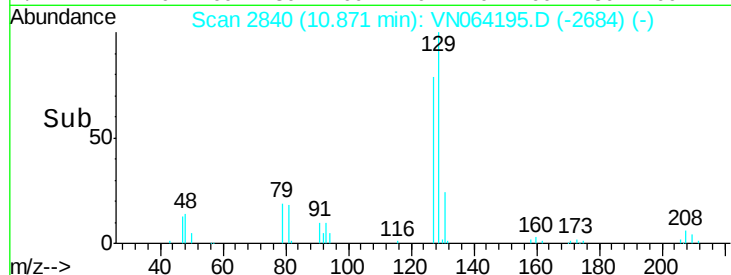
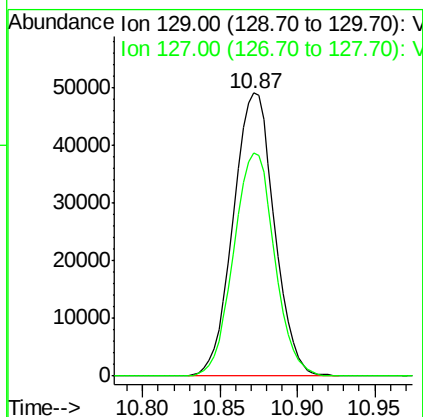
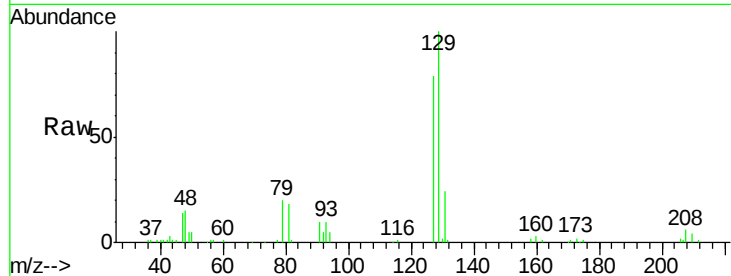
#53
 Dibromochloromethane
 Concen: 19.952 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion:129 Resp: 90580
 Ion Ratio Lower Upper
 129 100
 127 78.6 39.0 117.0

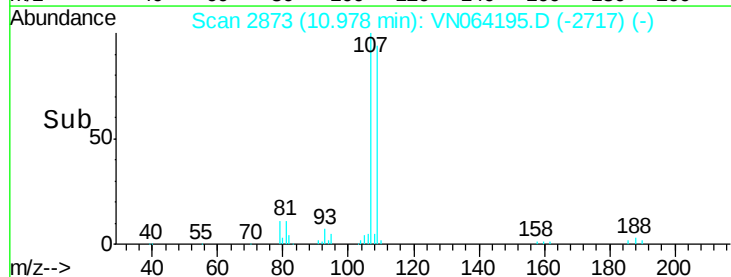
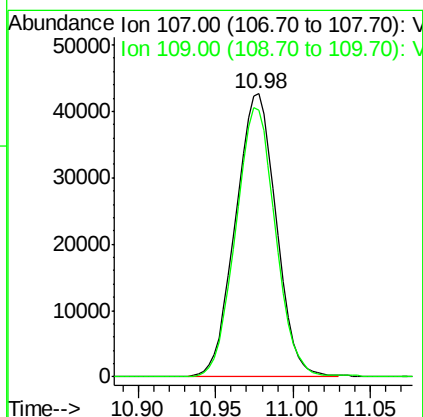
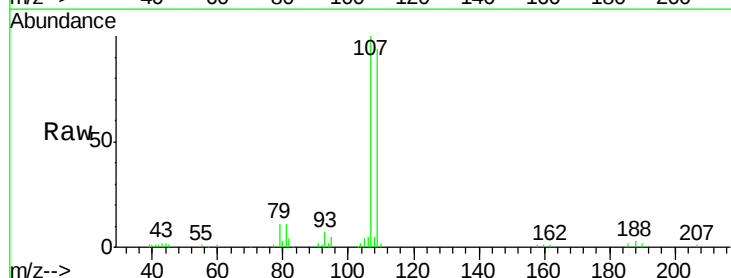
Manual Integrations
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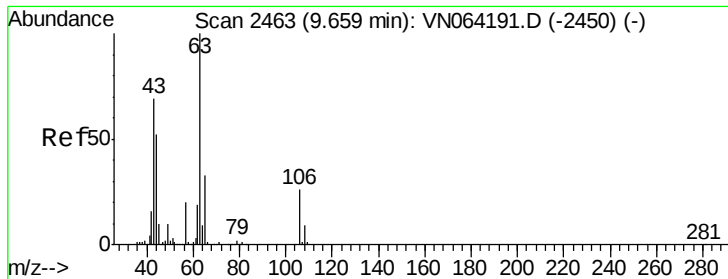
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#54
 1,2-Dibromoethane
 Concen: 20.370 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion:107 Resp: 78101
 Ion Ratio Lower Upper
 107 100
 109 92.8 71.8 107.8





#55

2-Chloroethyl vinyl ether

Concen: 93.897 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

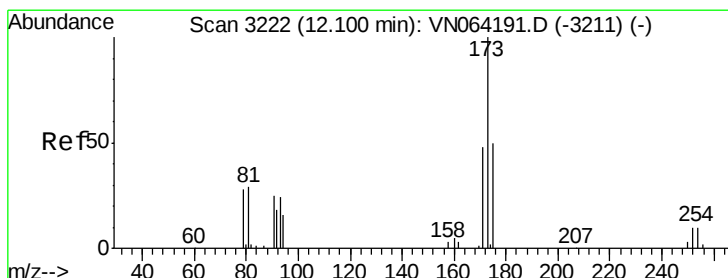
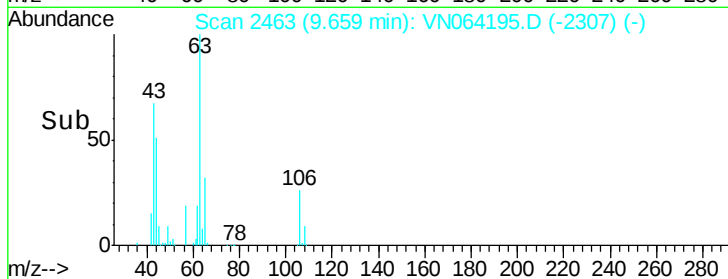
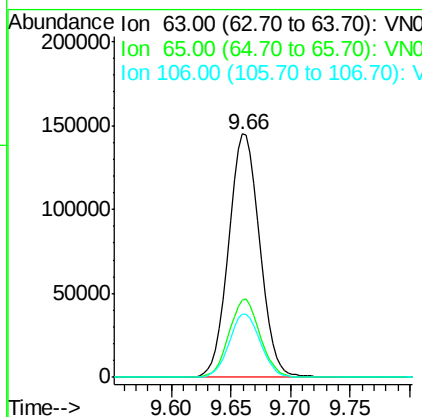
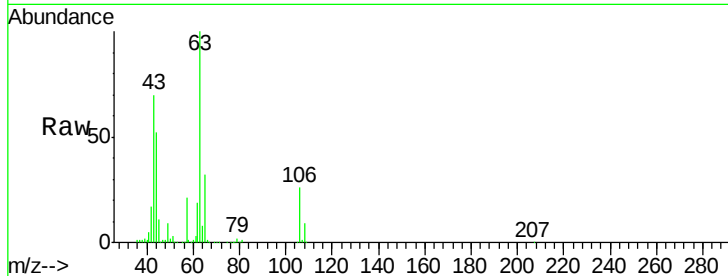
ClientSampleId :

ICVVN102020

Tot Ion:	63	Resp:	263216
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.9	38.9
106	26.2	21.4	32.2

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#56

Bromoform

Concen: 19.584 ug/l

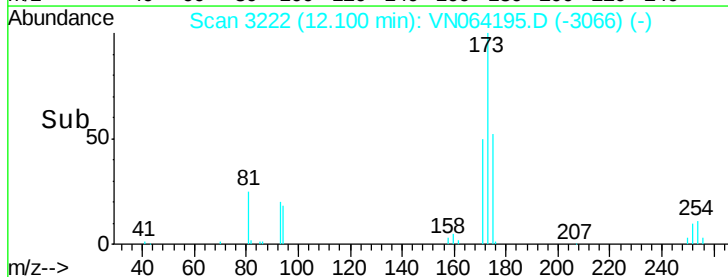
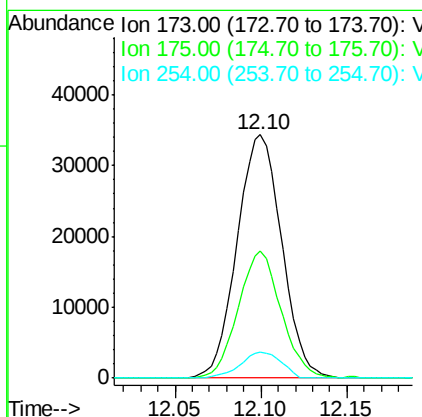
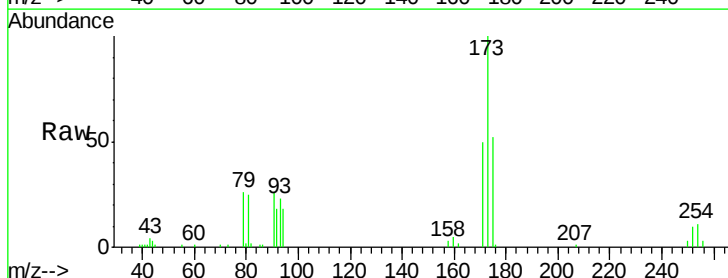
RT: 12.10 min Scan# 3222

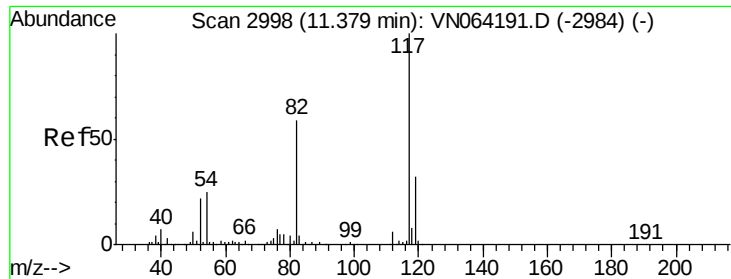
Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Tgt Ion:	173	Resp:	61917
Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.0	58.4
254	9.7	6.8	10.2





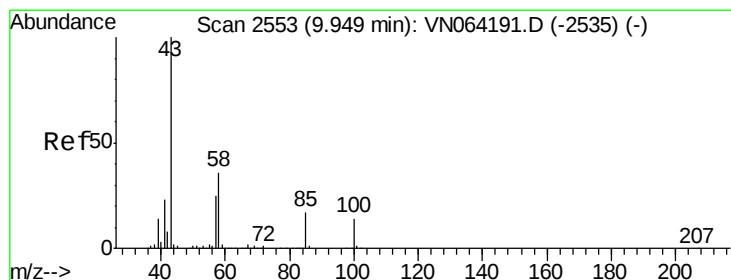
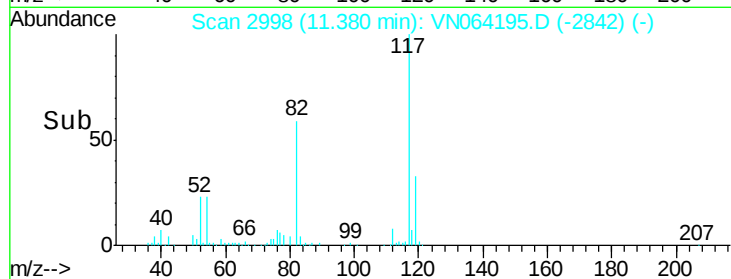
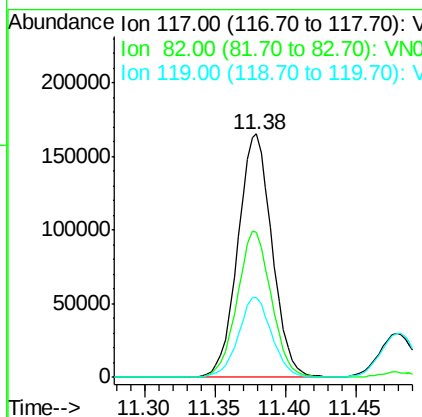
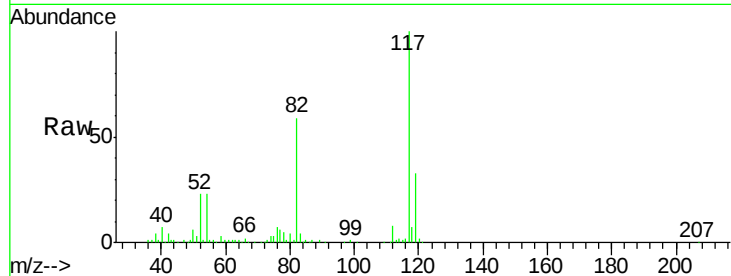
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	281112		
82	59.8	47.8	71.8	
119	32.1	25.7	38.5	

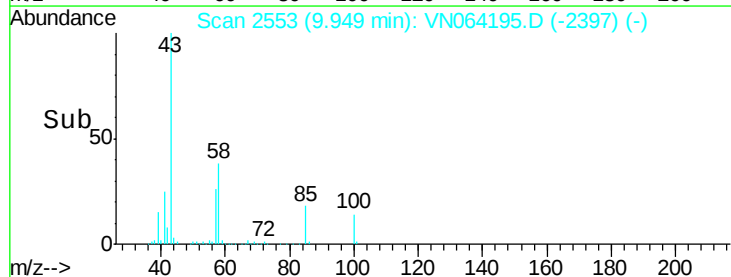
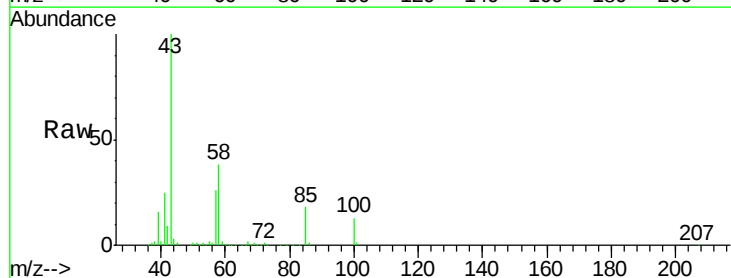
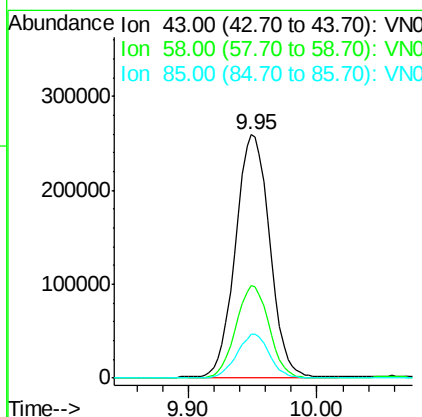
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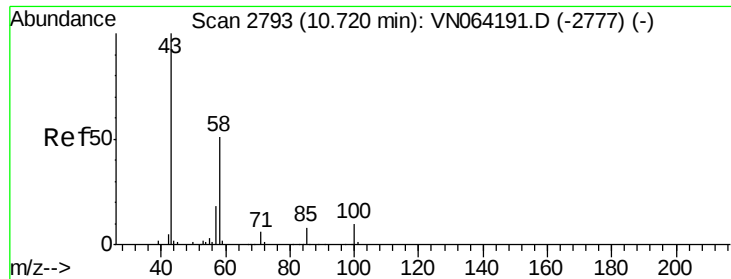
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 100.052 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	476609		
58	37.2	29.5	44.3	
85	17.4	13.7	20.5	





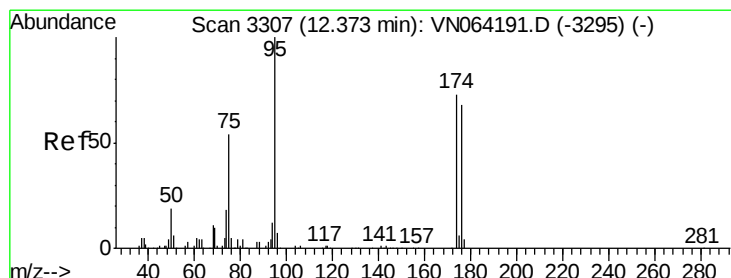
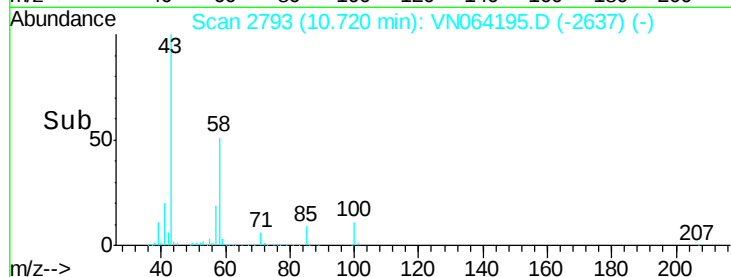
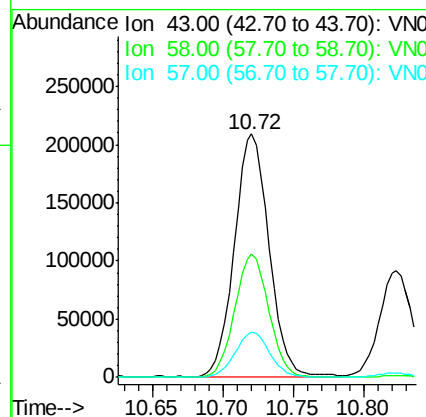
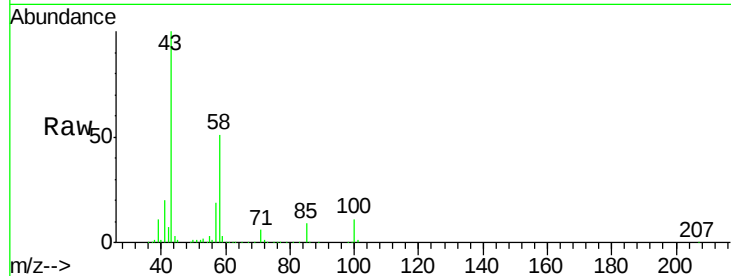
#59
2-Hexanone
Concen: 100.967 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.0	40.2	60.4
57	18.8	14.8	22.2

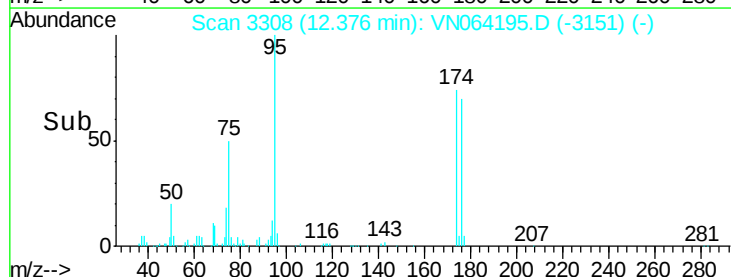
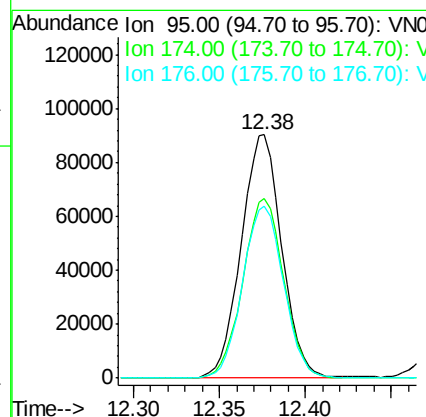
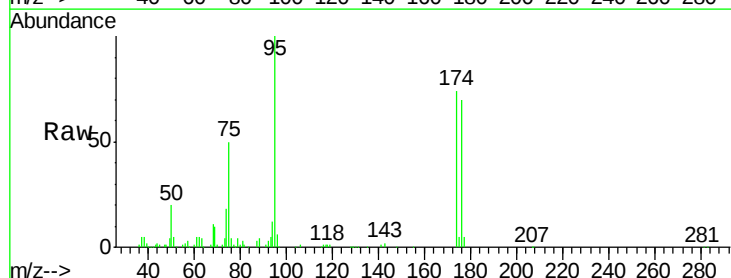
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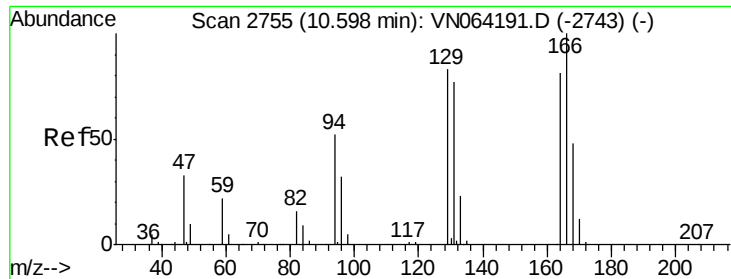
MMDadoda
10/23/2020 2:28:45 PM



#60
4-Bromofluorobenzene
Concen: 29.268 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.4	57.6	86.4
176	71.4	54.9	82.3





#61

Tetrachloroethene

Concen: 21.006 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102020

Tot Ion:164 Resp: 79603

Ion Ratio Lower Upper

164 100

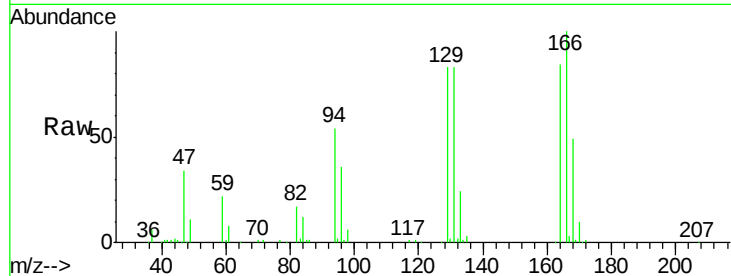
166 118.8 99.2 148.8

129 99.0 82.8 124.2

131 99.2 76.2 114.4

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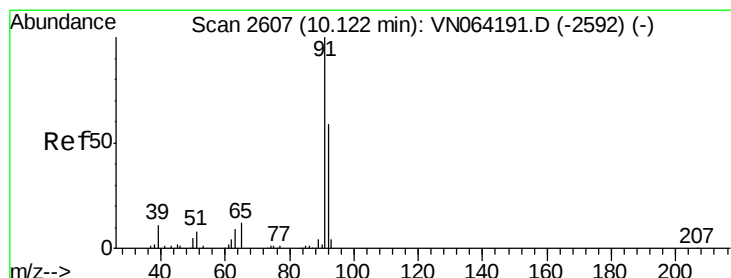
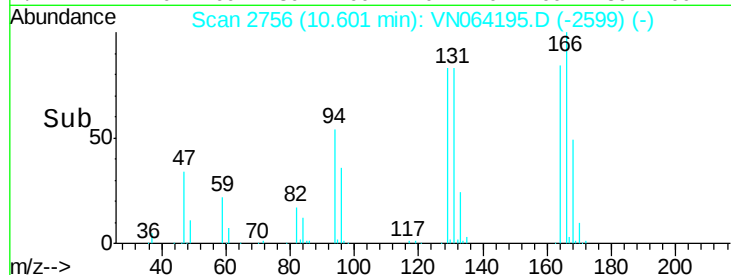
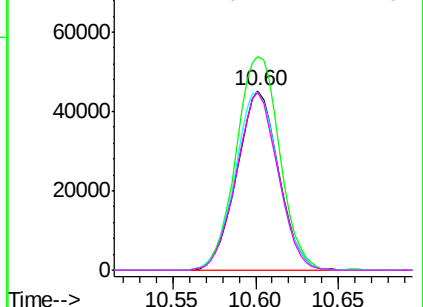


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.526 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064195.D

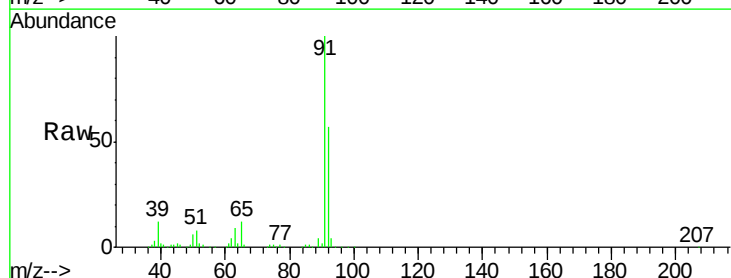
Acq: 20 Oct 2020 13:35

Tgt Ion: 91 Resp: 329870

Ion Ratio Lower Upper

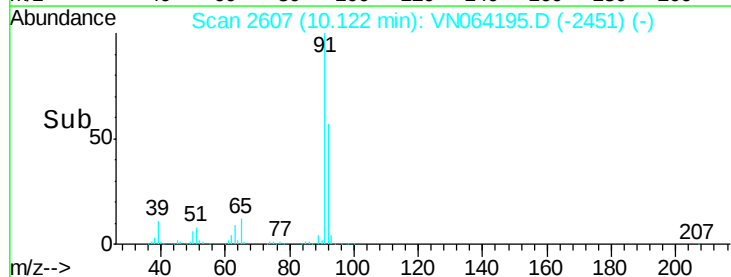
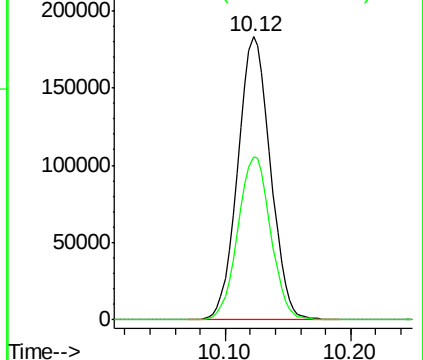
91 100

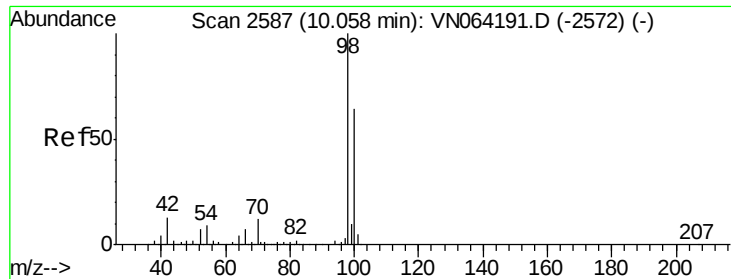
92 57.9 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.197 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102020

Tot Ion: 98 Resp: 371584

Ion Ratio Lower Upper

98 100

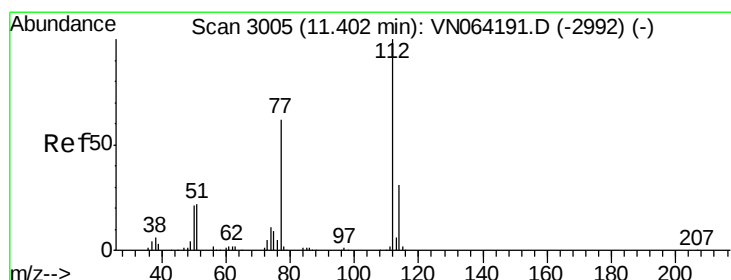
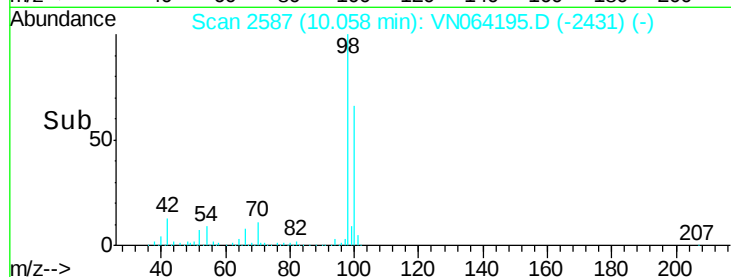
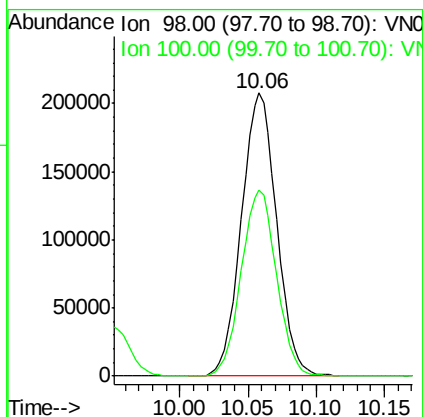
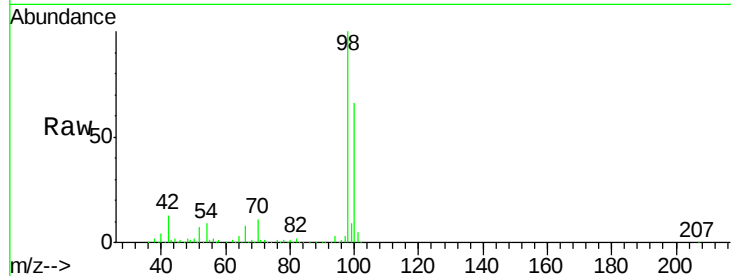
100 66.1 51.4 77.2

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#64

Chlorobenzene

Concen: 20.981 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064195.D

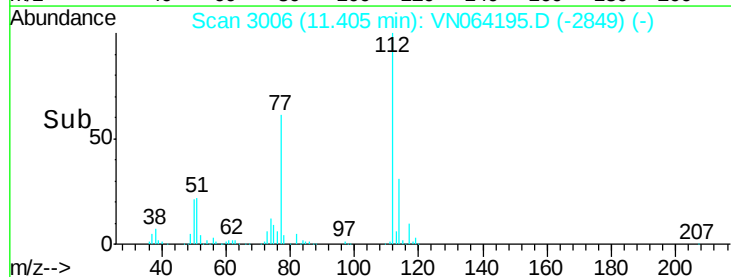
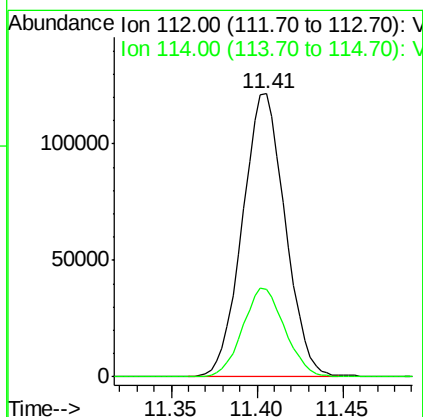
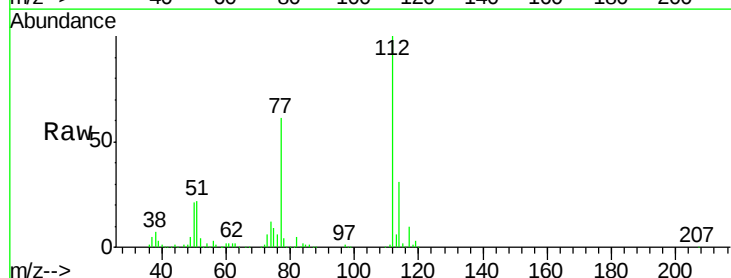
Acq: 20 Oct 2020 13:35

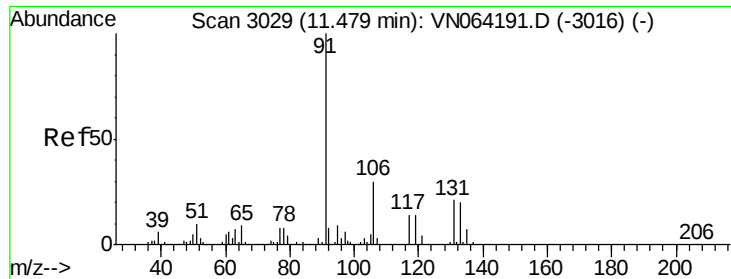
Tgt Ion: 112 Resp: 209980

Ion Ratio Lower Upper

112 100

114 31.0 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 20.972 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

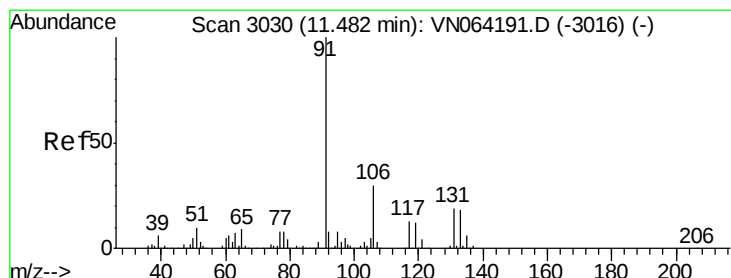
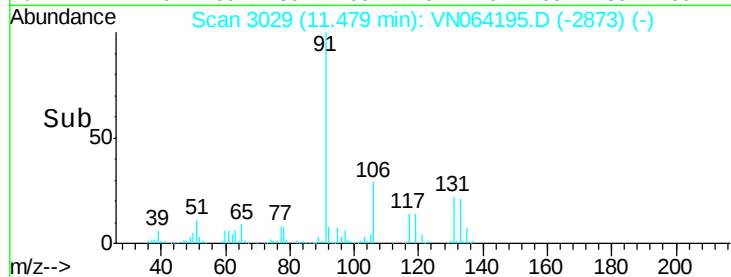
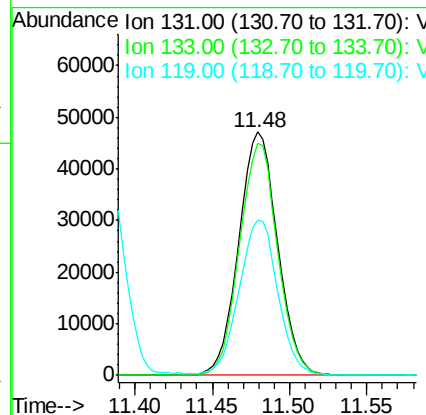
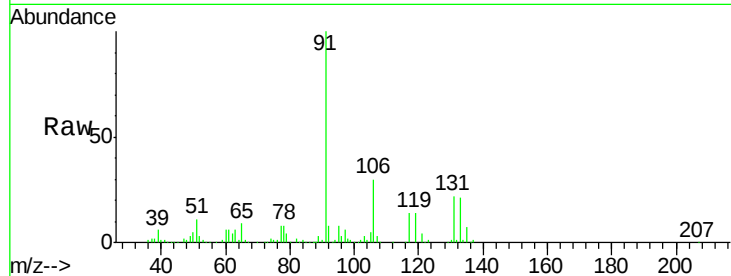
ClientSampleId :

ICVVN102020

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.7	0.0	193.0
119	64.0	0.0	132.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.590 ug/l

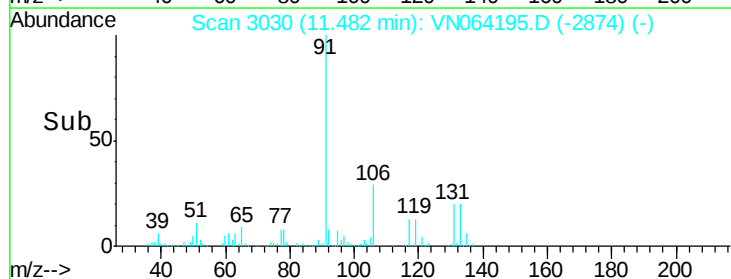
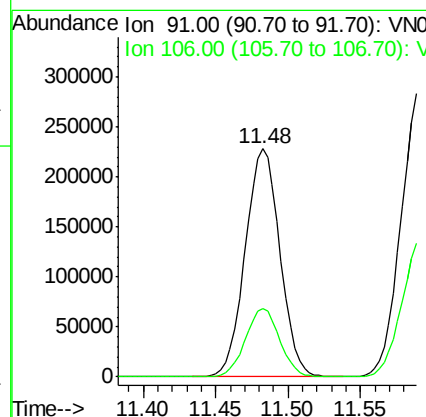
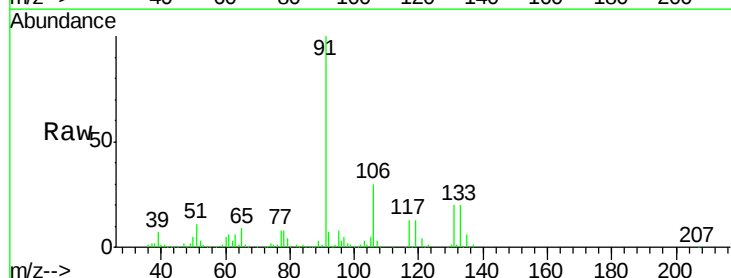
RT: 11.48 min Scan# 3030

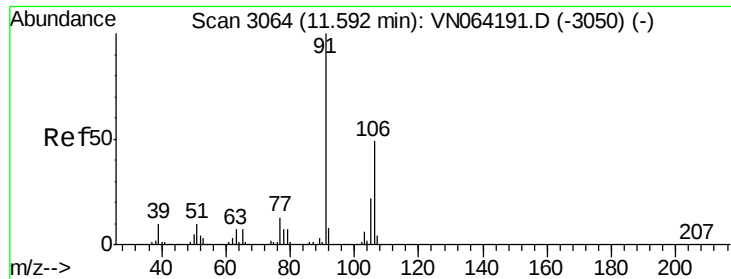
Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	23.9	35.9





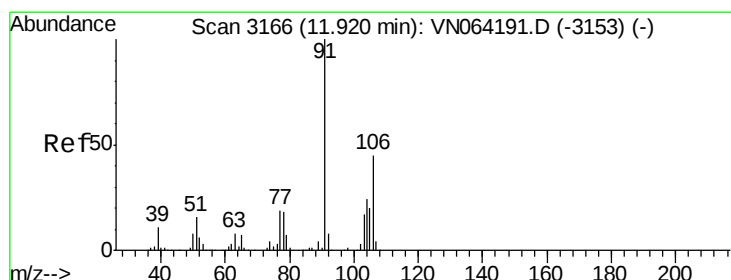
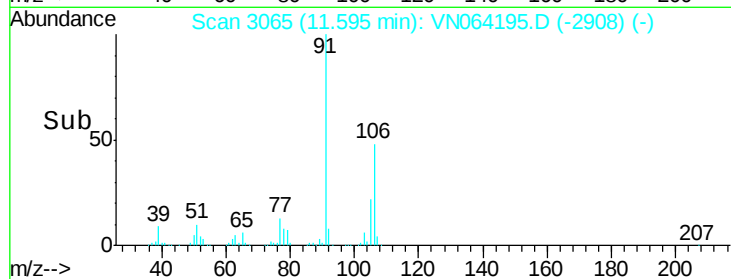
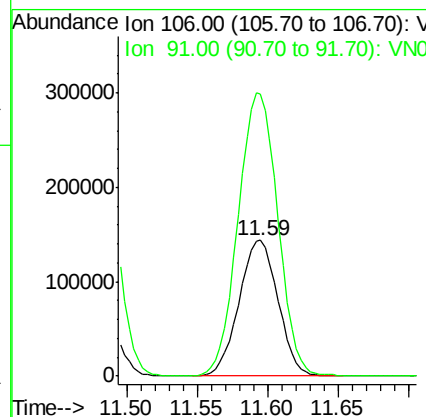
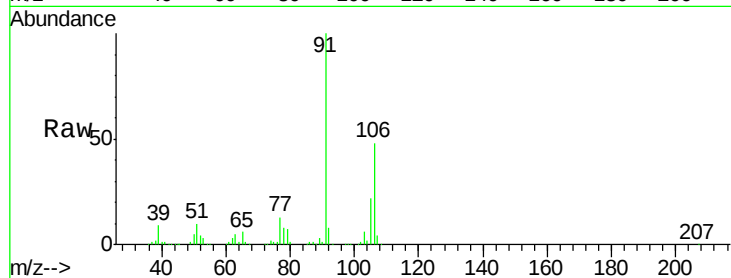
#67
m/p-Xylenes
Concen: 40.584 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		278876		
91	211.2	167.9	251.9		

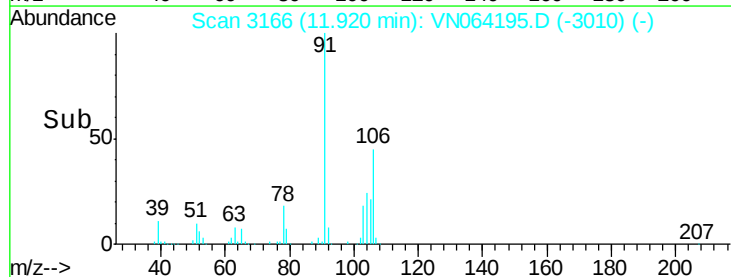
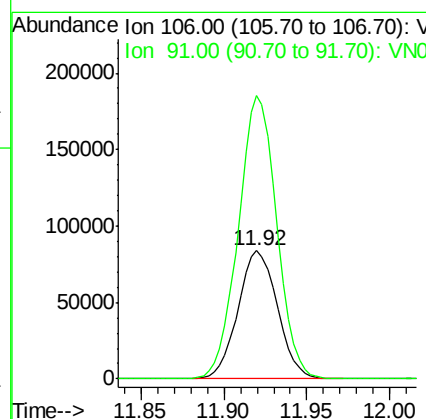
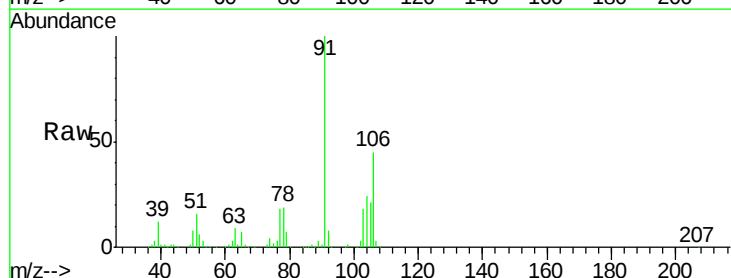
Manual Integrations
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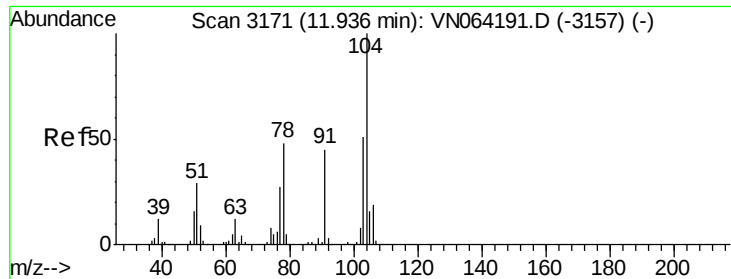
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#68
o-Xylene
Concen: 20.806 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		138739		
91	214.6	113.9	341.7		





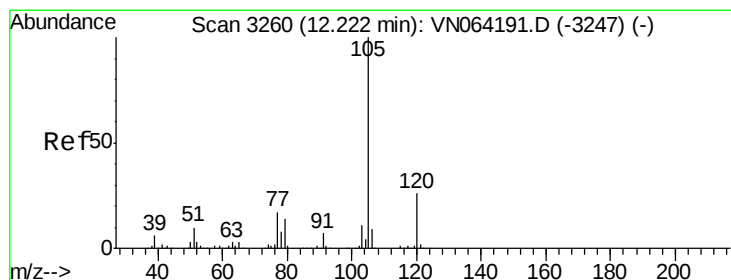
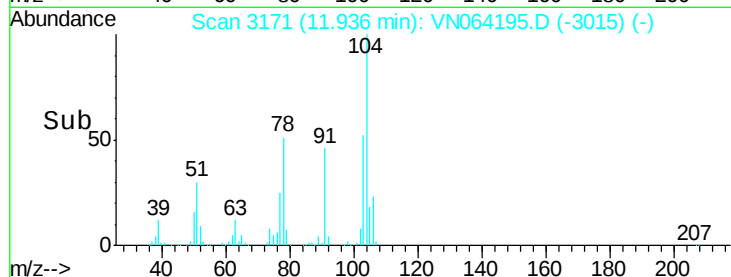
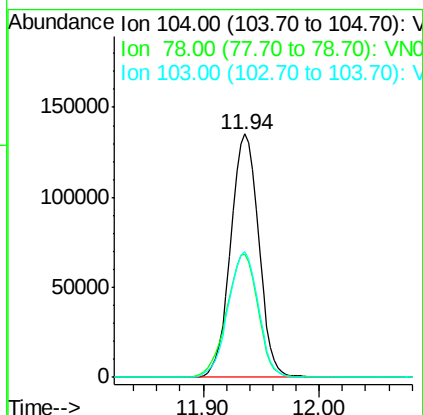
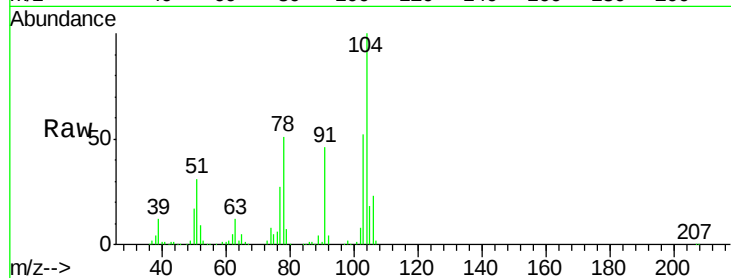
#69
Stvrene
Concen: 20.113 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Lower	Upper
104	100		
78	56.4	43.6	65.4
103	55.5	44.8	67.2

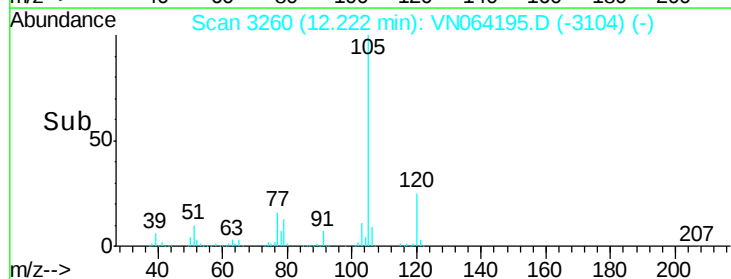
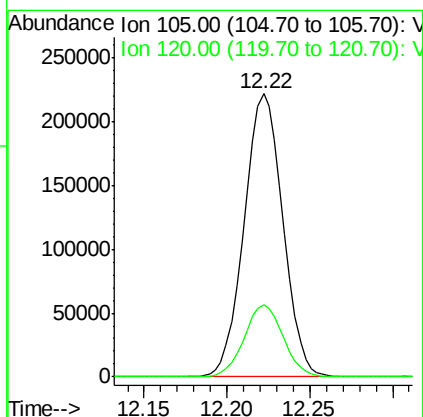
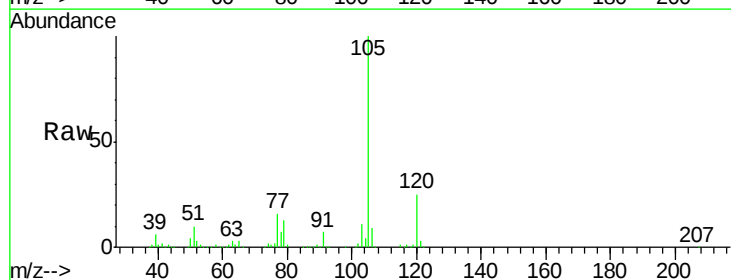
Manual Integrations
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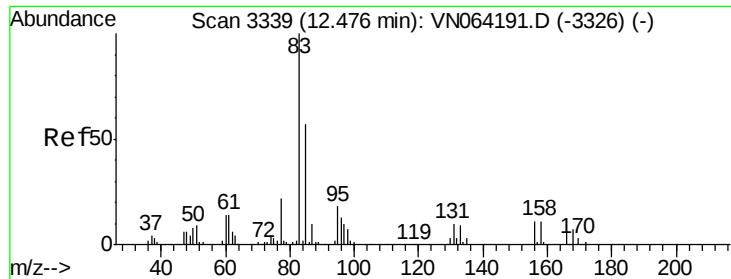
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#70
Isopropylbenzene
Concen: 20.483 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	18.1	33.7





#71

1,1,2,2-Tetrachloroethane

Concen: 19.850 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

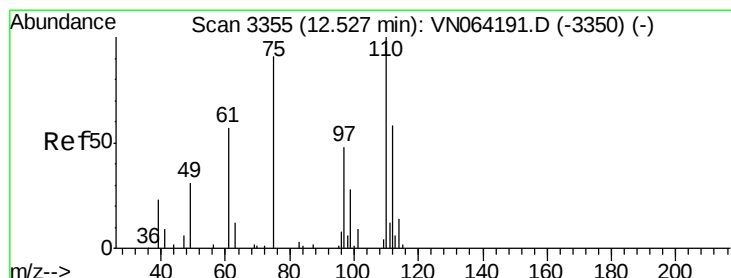
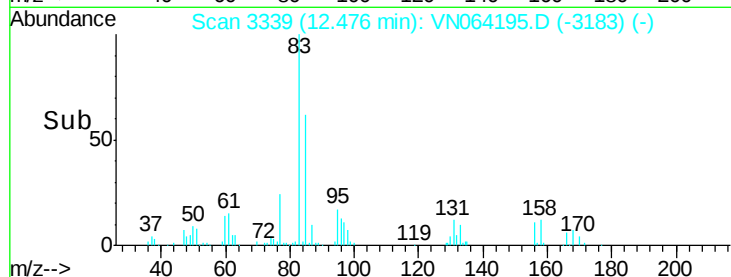
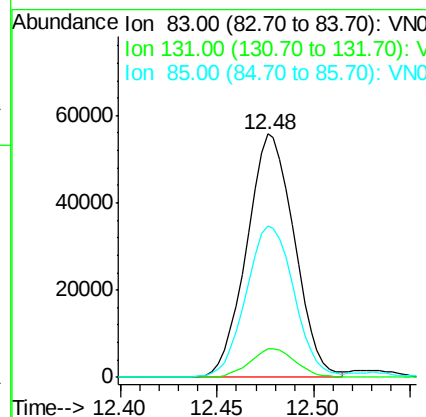
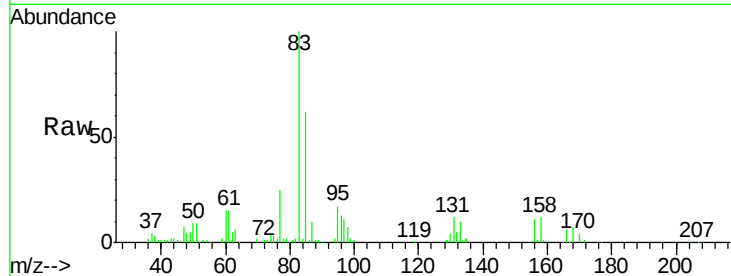
ClientSampleId :

ICVVN102020

Tot Ion:	83	Resp:	95794
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.4
85	62.5	30.8	92.4

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 18.349 ug/l m

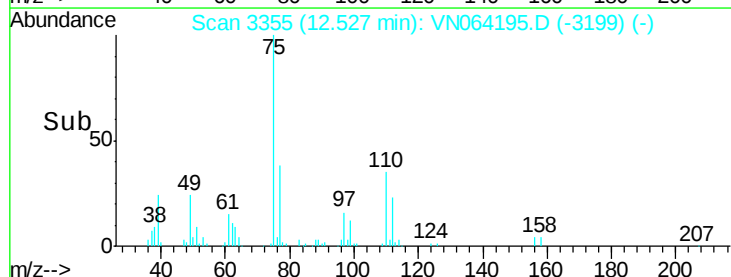
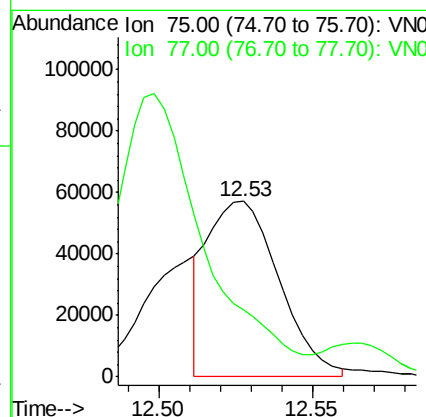
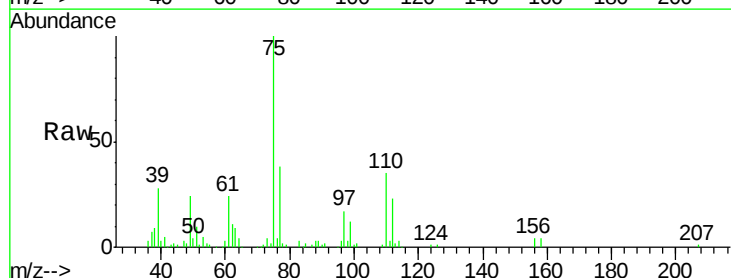
RT: 12.53 min Scan# 3355

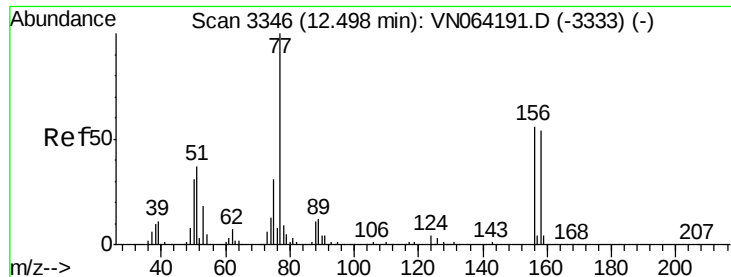
Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Tgt Ion:	75	Resp:	92405
Ion	Ratio	Lower	Upper
75	100		
77	203.7	0.0	417.6





#73

Bromobenzene

Concen: 20.110 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

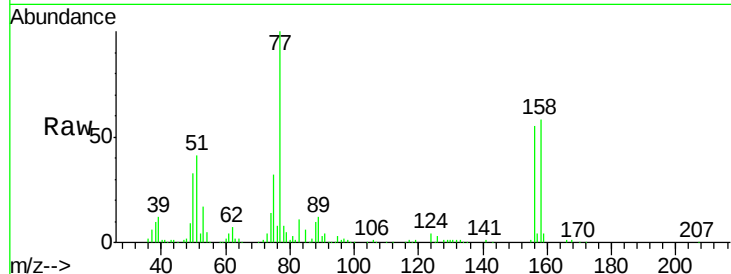
ClientSampleId :

ICVVN102020

Tot Ion:	156	Resp:	85400
Ion	Ratio	Lower	Upper
156	100		
77	220.4	0.0	429.8
158	102.1	0.0	190.6

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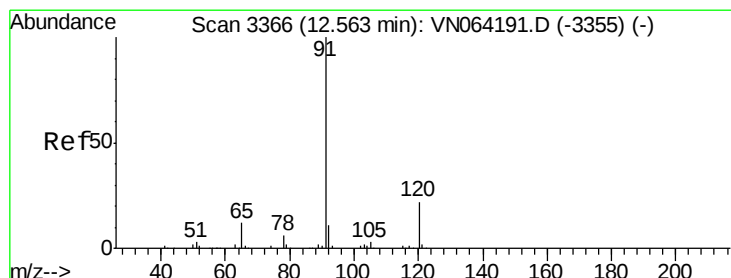
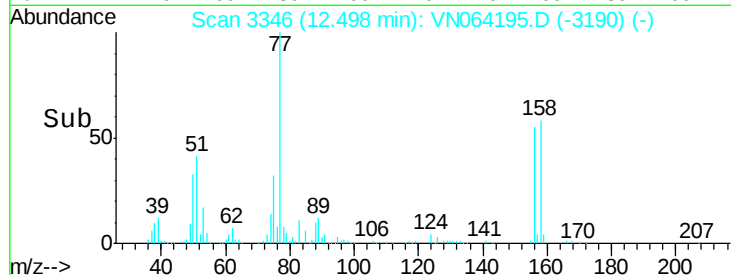
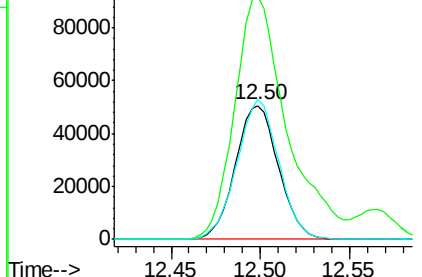
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.544 ug/l

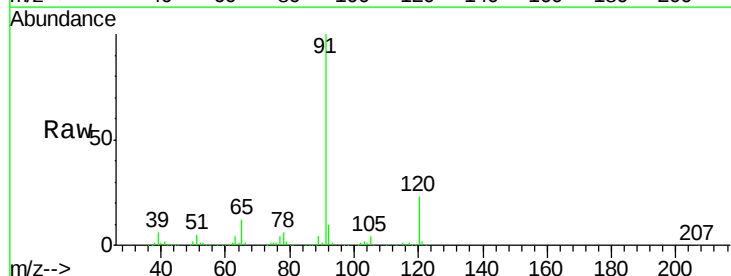
RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064195.D

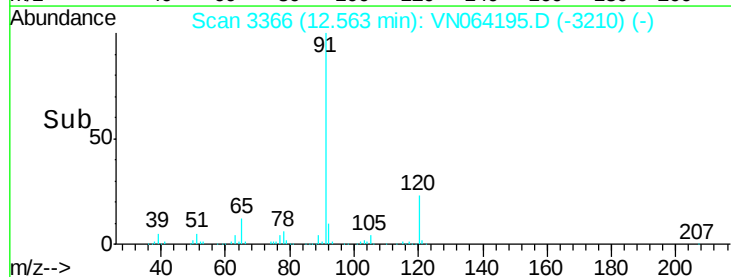
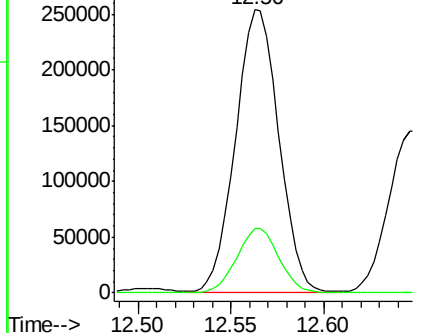
Acq: 20 Oct 2020 13:35

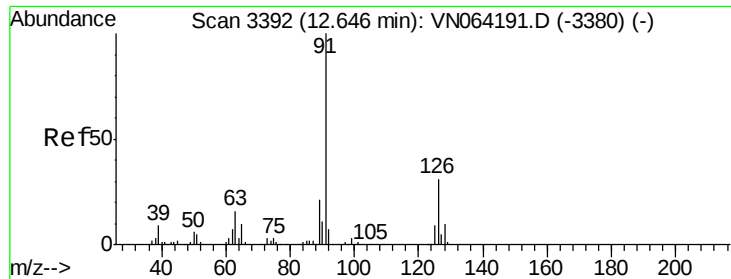
Tgt Ion:	91	Resp:	412924
Ion	Ratio	Lower	Upper
91	100		
120	22.1	0.0	43.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.063 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102020

Tot Ion: 91 Resp: 249630

Ion Ratio Lower Upper

91 100

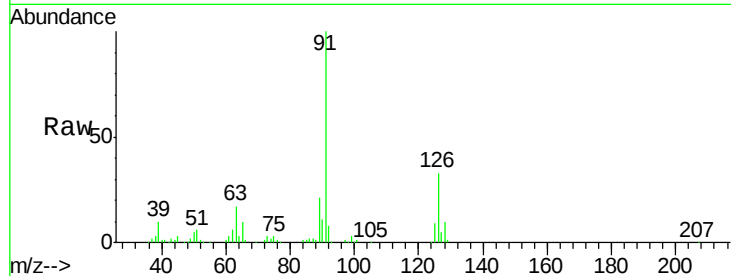
126 33.2 0.0 62.4

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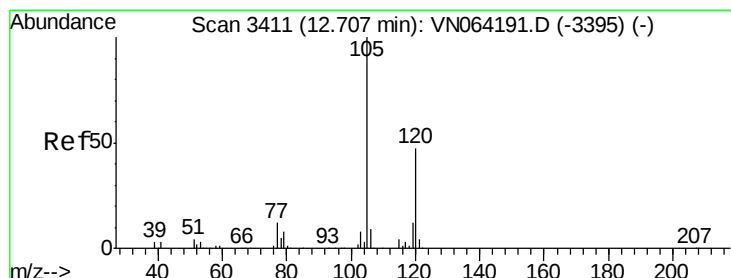
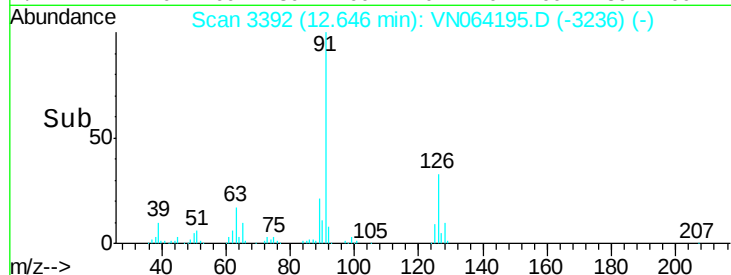
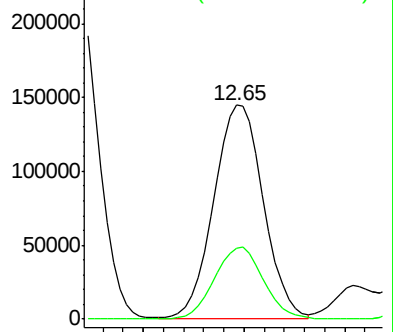
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Abundance Ion 91.00 (90.70 to 91.70): VN064195.D (-3380) (-)

Ion 126.00 (125.70 to 126.70): VN064195.D (-3380) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.365 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064195.D

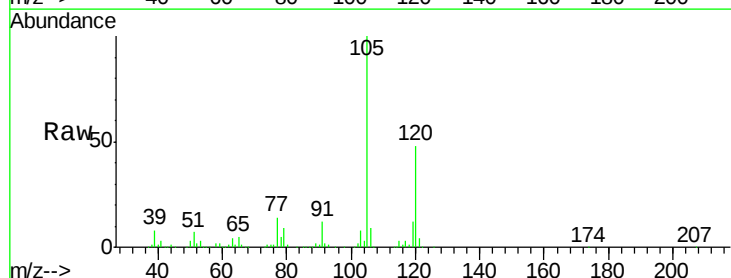
Acq: 20 Oct 2020 13:35

Tgt Ion: 105 Resp: 305174

Ion Ratio Lower Upper

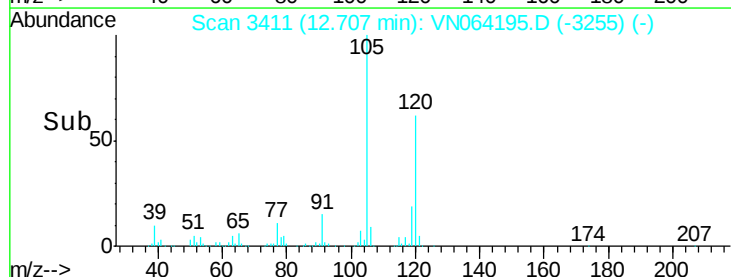
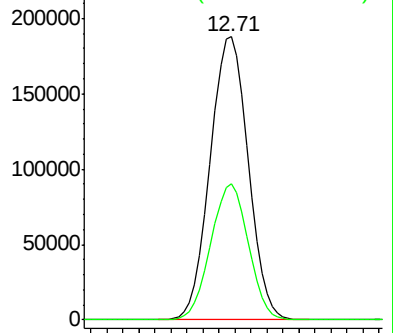
105 100

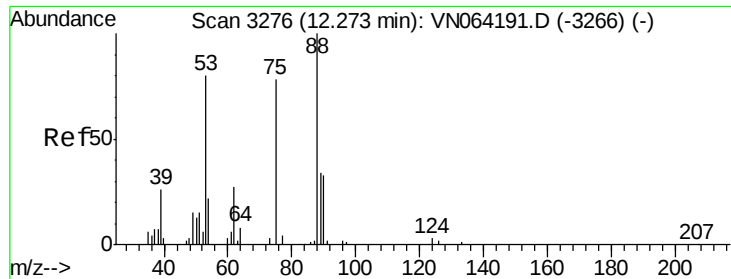
120 47.4 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064195.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064195.D (-3395) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.323 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

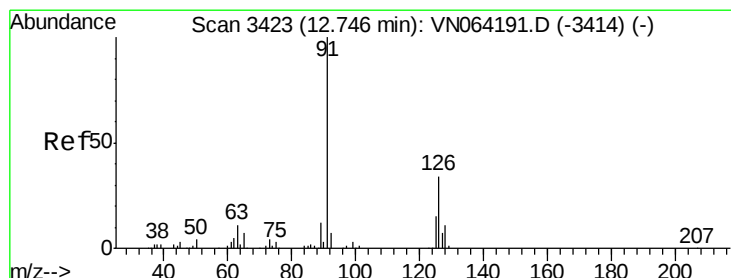
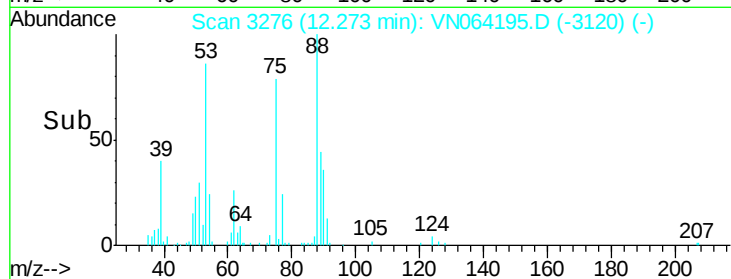
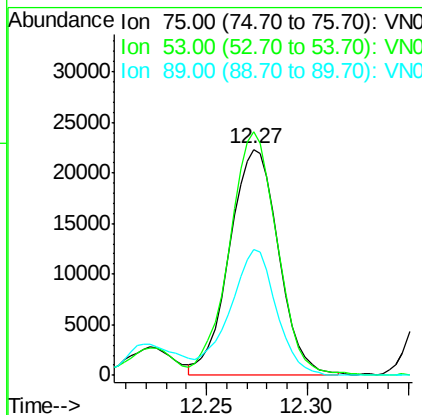
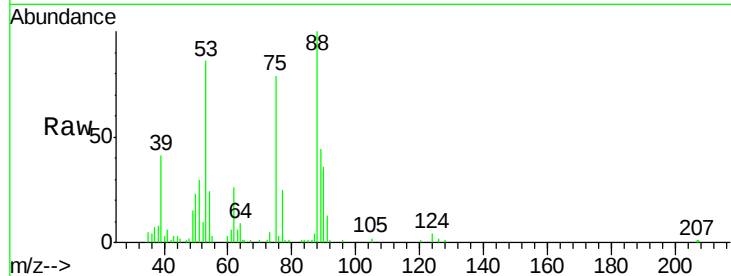
ClientSampleId :

ICVVN102020

Tot Ion:	75	Resp:	38046
Ion	Ratio	Lower	Upper
75	100		
53	107.7	51.4	154.2
89	56.3	23.8	71.5

Manual Integrations
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#78

4-Chlorotoluene

Concen: 20.333 ug/l

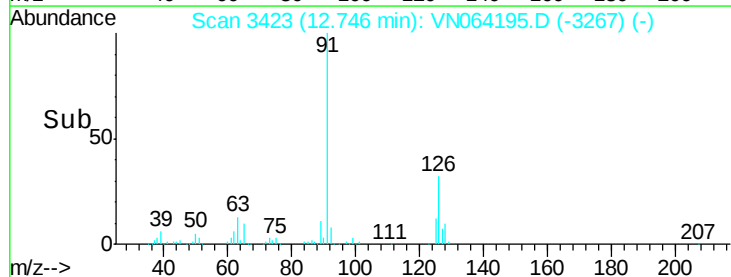
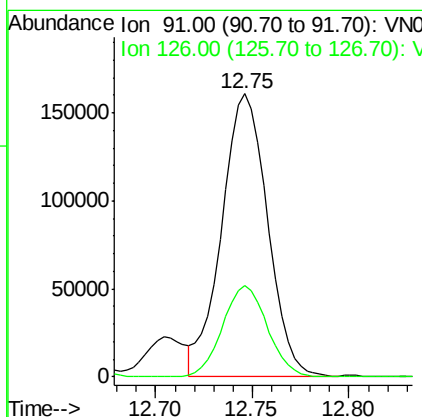
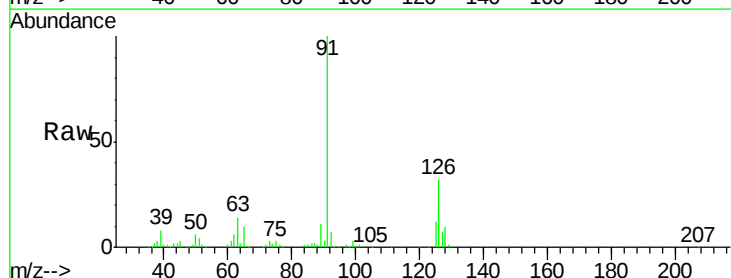
RT: 12.75 min Scan# 3423

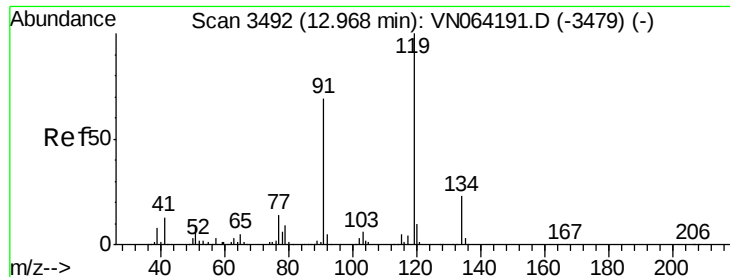
Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Tgt Ion:	91	Resp:	264636
Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	63.2





#79

tert-butylbenzene

Concen: 20.480 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

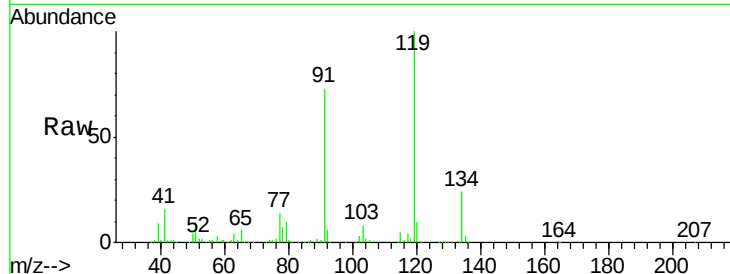
ClientSampleId :

ICVVN102020

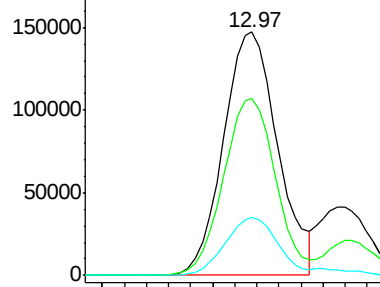
Tot Ion:	119	Resp:	250902
Ion Ratio	Lower	Upper	
119	100		
91	69.4	0.0	143.2
134	22.9	0.0	49.2

Manual Integrations
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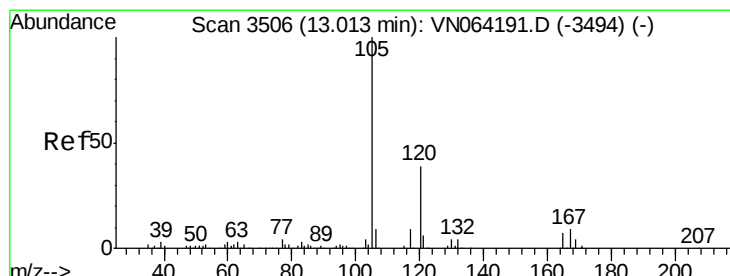
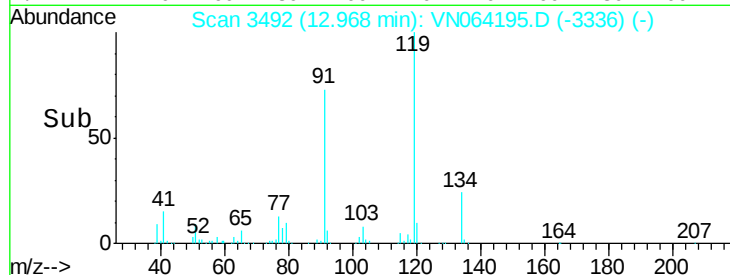
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



Time-->



#80

1,2,4-Trimethylbenzene

Concen: 19.933 ug/l

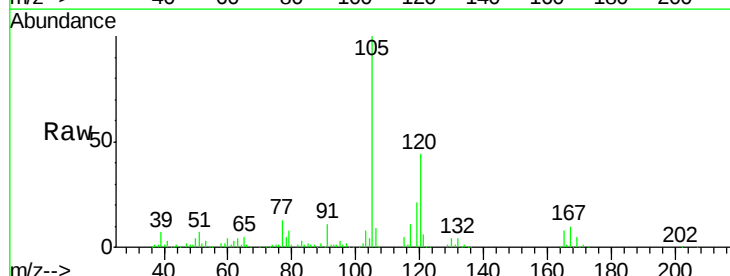
RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

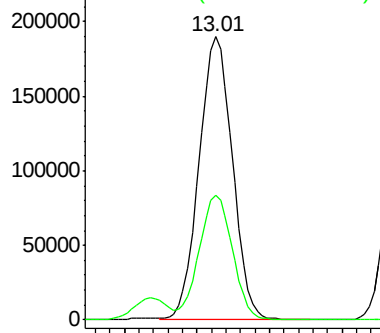
Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

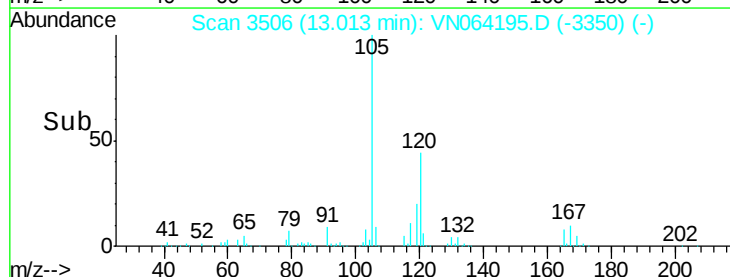
Tgt Ion:	105	Resp:	303225
Ion Ratio	Lower	Upper	
105	100		
120	44.0	0.0	85.8

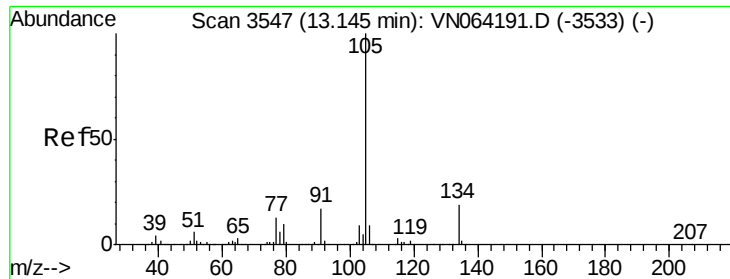


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





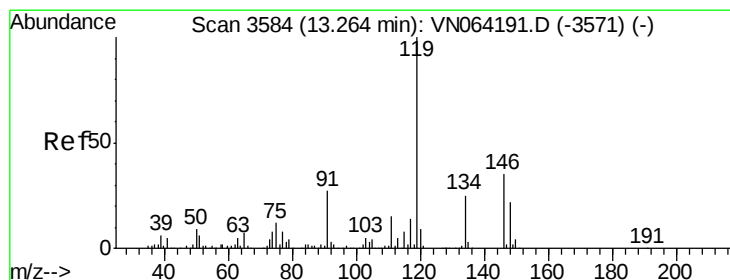
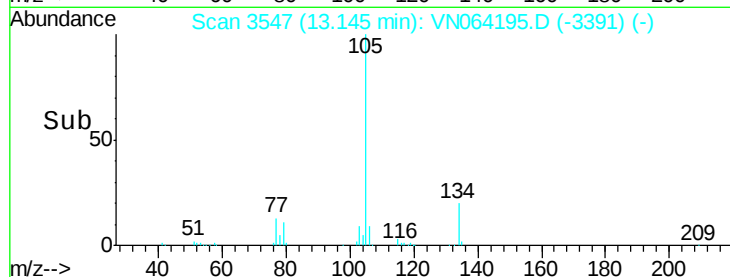
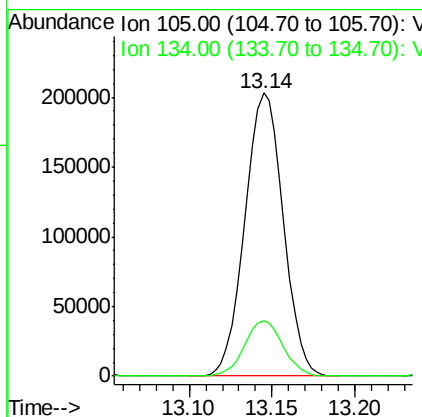
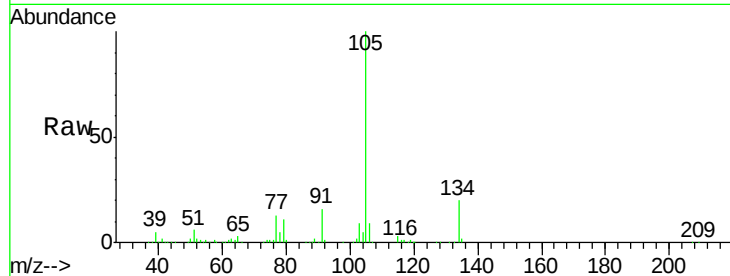
#81
 sec-Butylbenzene
 Concen: 20.540 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	327416		
134	19.5	0.0	38.4	

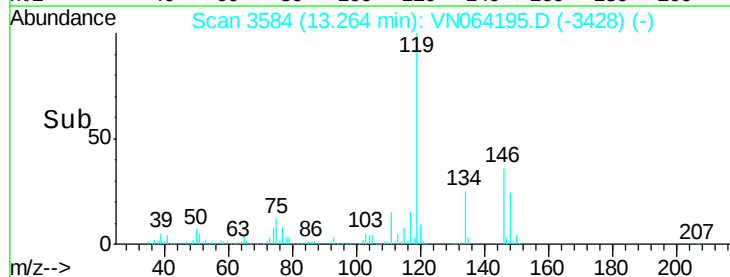
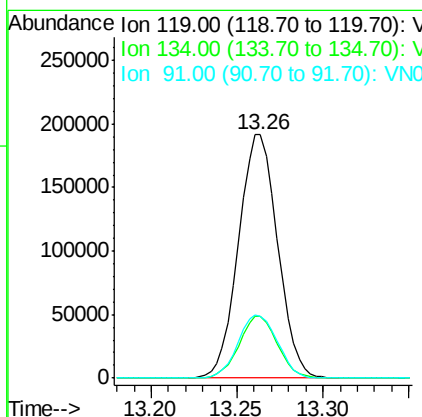
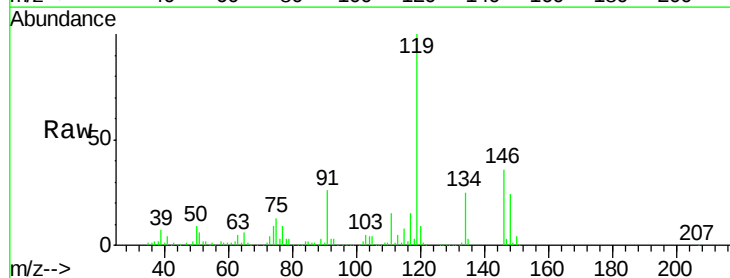
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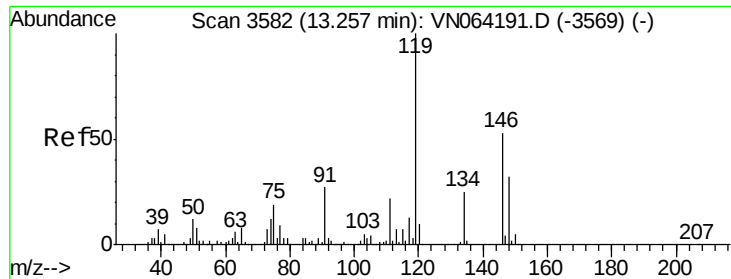
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#82
 p-Isopropyltoluene
 Concen: 20.504 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	302505		
134	24.8	0.0	51.4	
91	26.2	0.0	52.8	





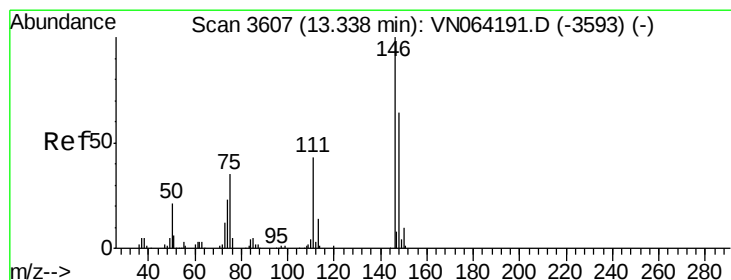
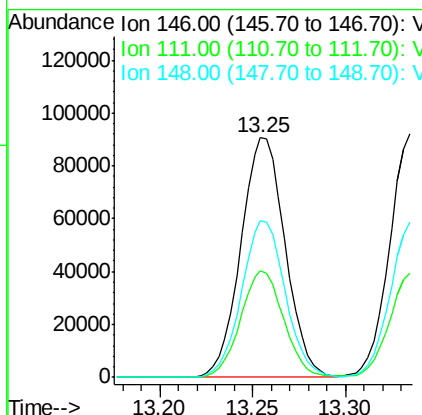
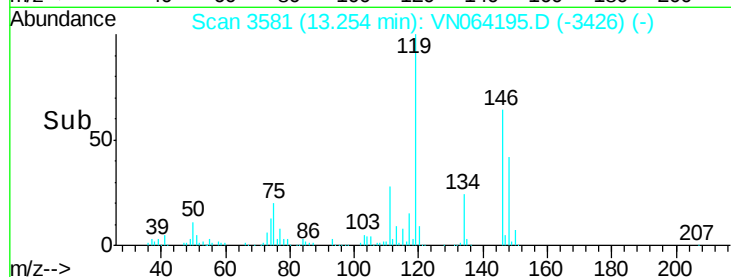
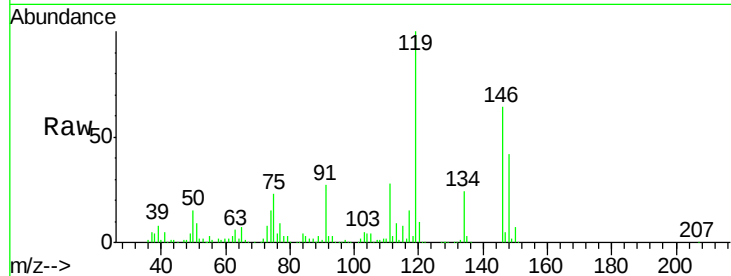
#83
 1,3-Dichlorobenzene
 Concen: 19.837 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.8	65.4
148	64.4	31.4	94.2

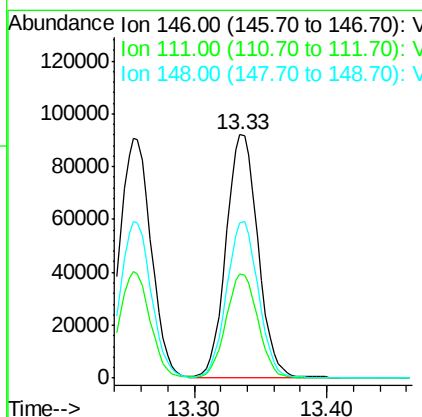
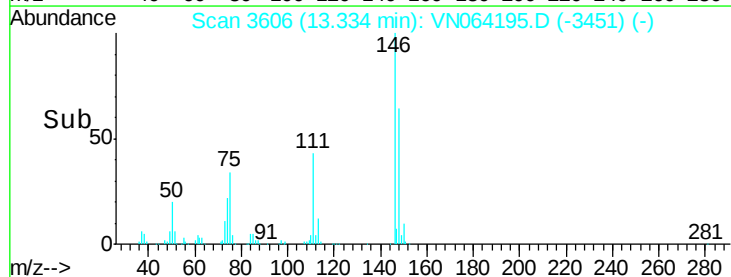
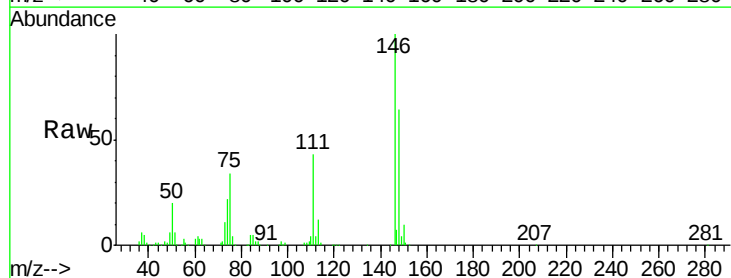
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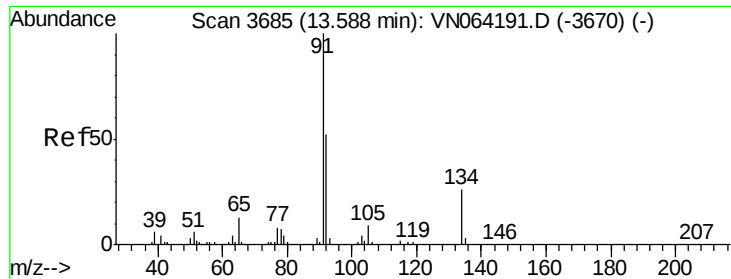
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#84
 1,4-Dichlorobenzene
 Concen: 20.177 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.9	62.8
148	64.4	30.9	92.7





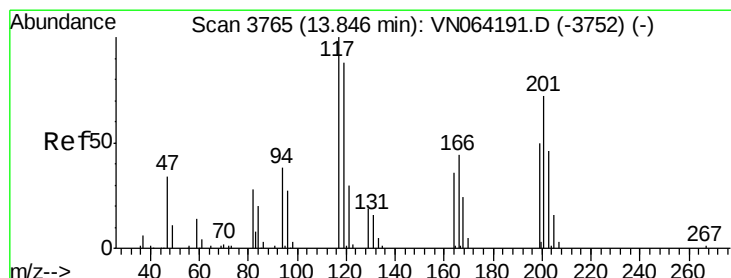
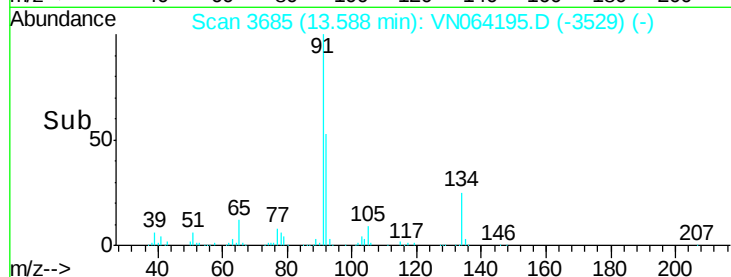
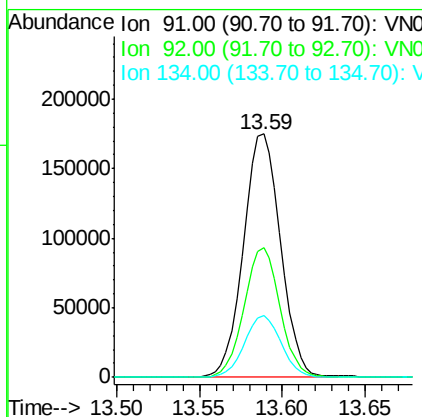
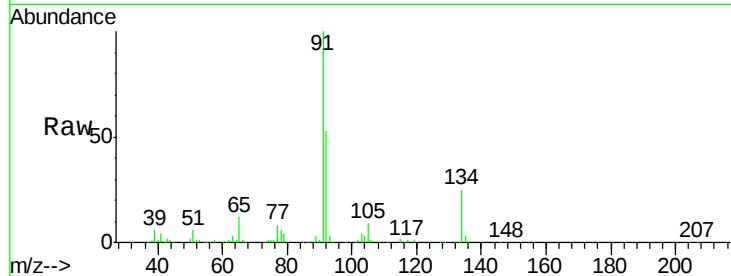
#85
n-Butylbenzene
Concen: 20.817 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	272633		
92	51.5		0.0	104.8
134	25.0		0.0	49.8

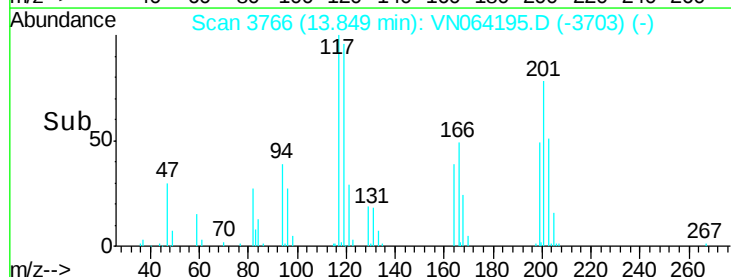
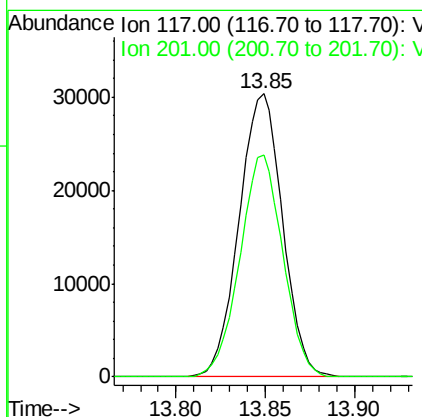
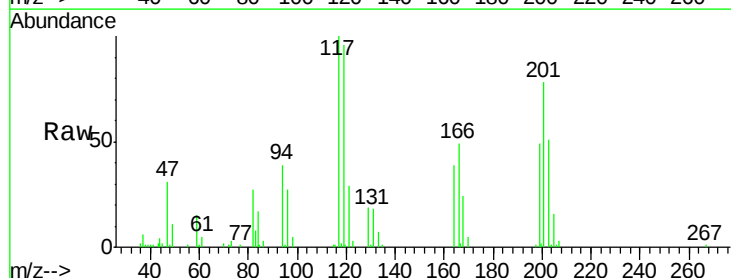
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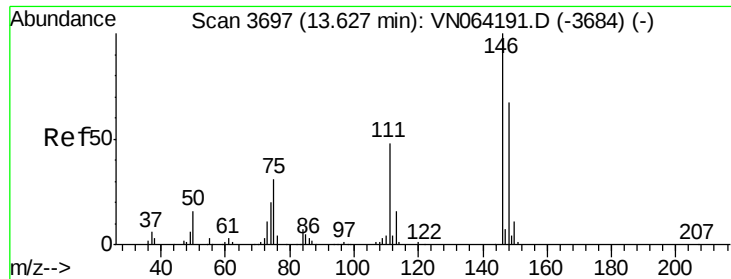
MMDadoda
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#86
Hexachloroethane
Concen: 20.424 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51875		
201	77.3		37.5	112.3





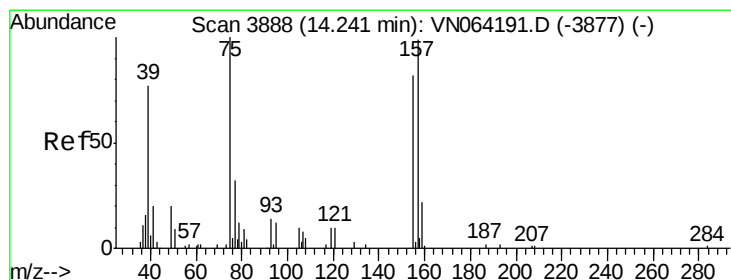
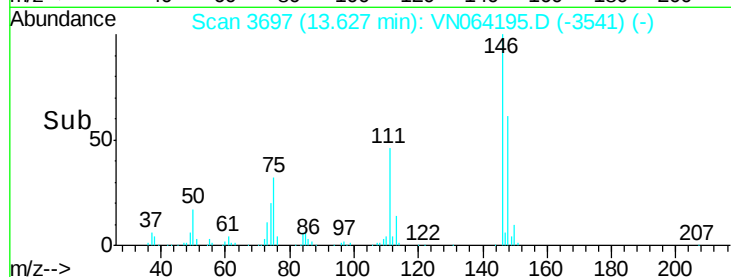
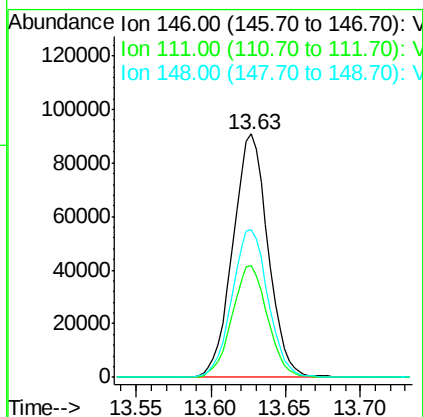
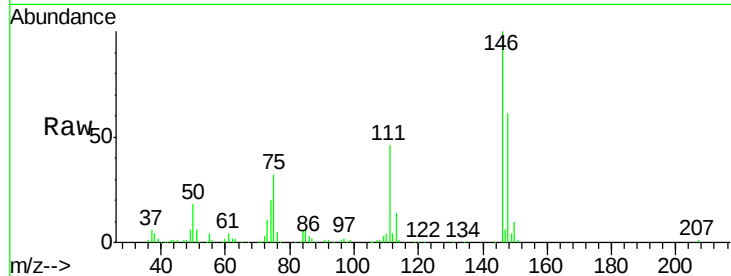
#87
 1,2-Dichlorobenzene
 Concen: 20.051 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.6	67.8
148	62.1	32.6	97.8

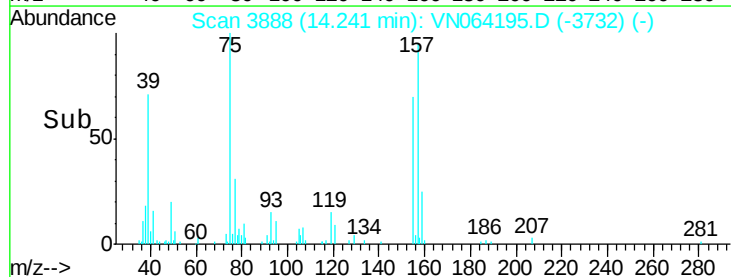
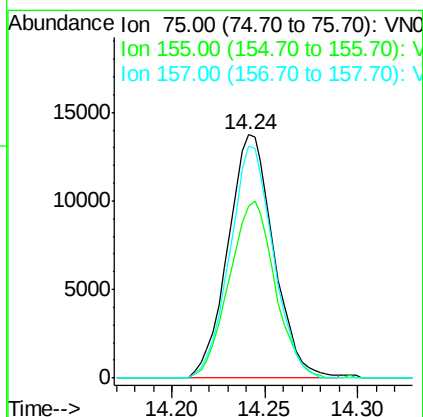
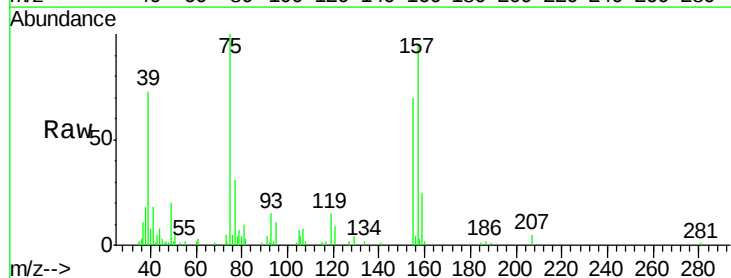
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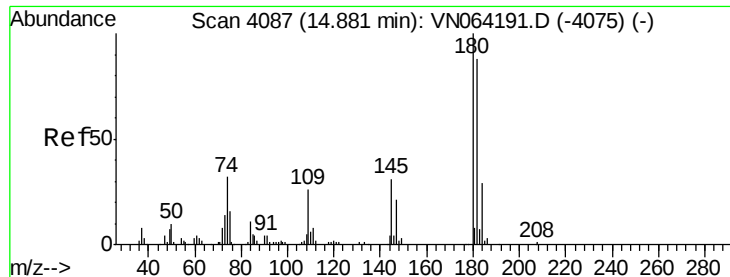
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.233 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.7	61.1	91.7
157	90.6	76.5	114.7





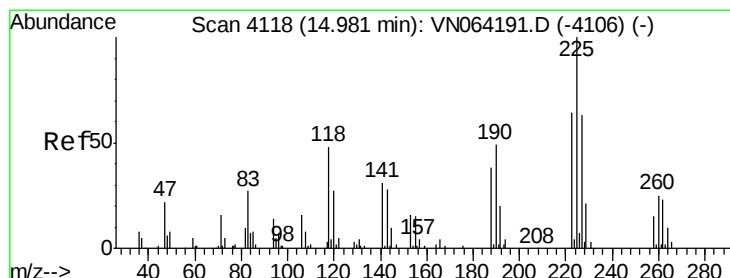
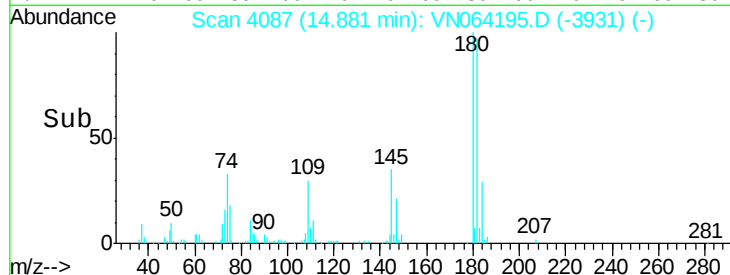
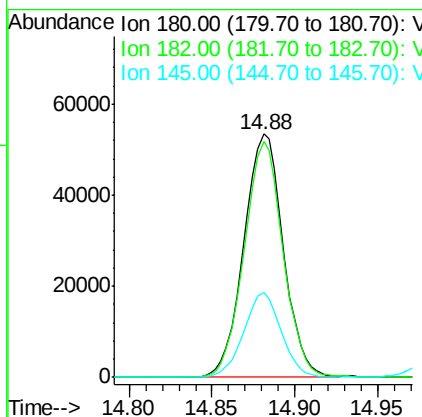
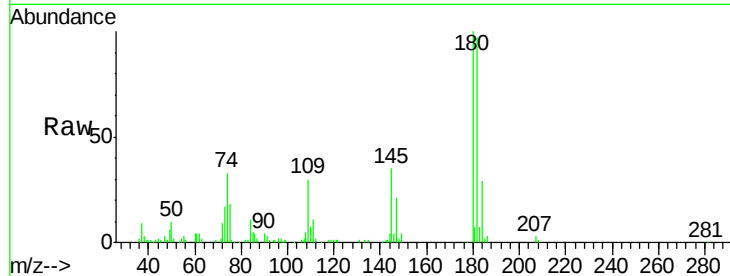
#89
 1,2,4-Trichlorobenzene
 Concen: 19.825 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	88380		
182	95.0	73.0	109.4	
145	33.1	24.3	36.5	

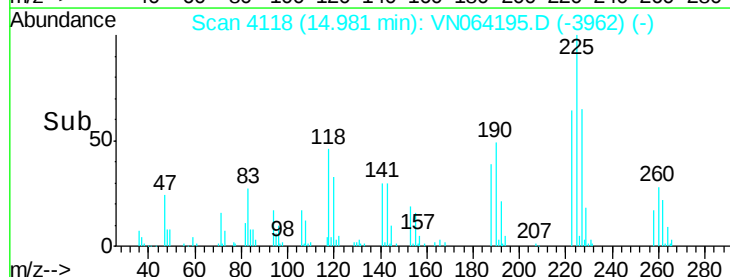
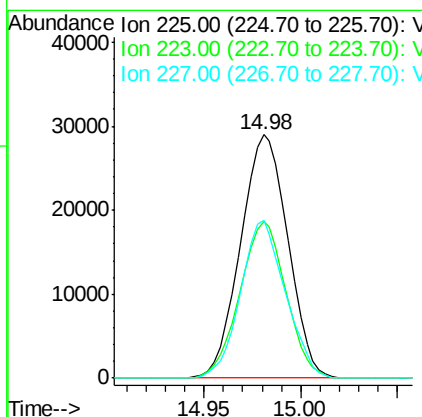
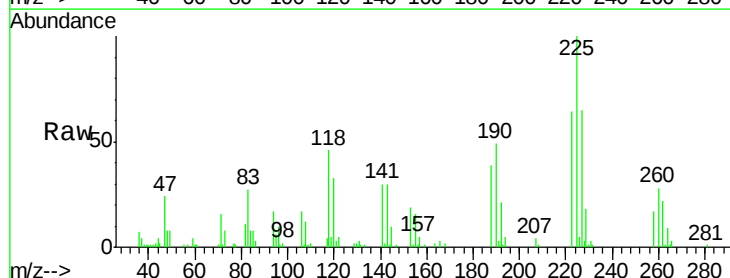
Manual Integrations
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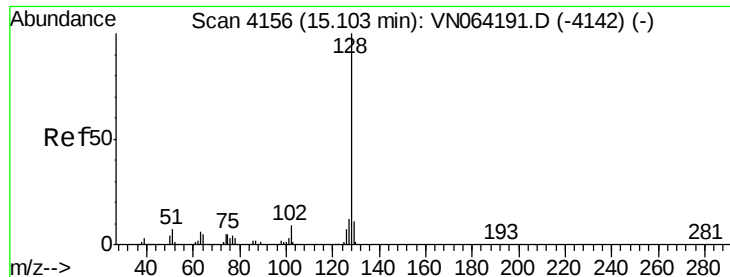
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#90
 Hexachlorobutadiene
 Concen: 21.827 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49320		
223	62.7	0.0	127.0	
227	61.4	0.0	129.4	





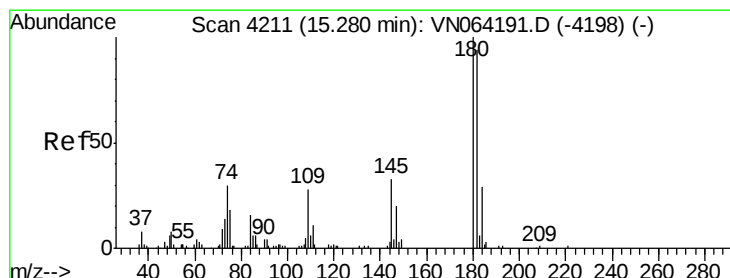
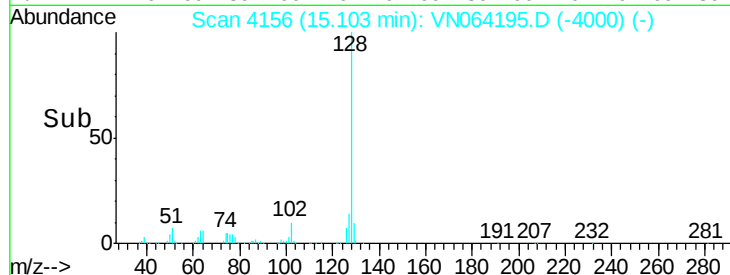
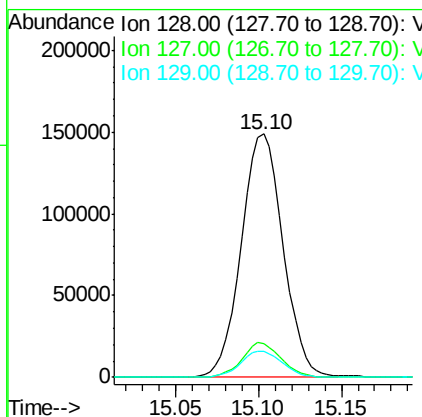
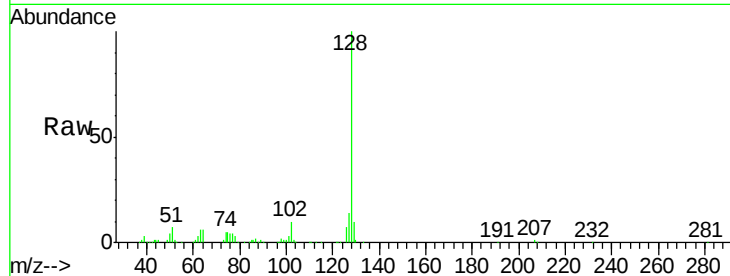
#91
Naphthalene
Concen: 19.292 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	10.8	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.946 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	0.0	190.0
145	33.6	0.0	66.6

