

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064295.D
 Acq On : 23 Oct 2020 18:53
 Operator : JC/MD
 Sample : VN1023WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1023WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:39:15 PM

Quant Time: Oct 26 02:40:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 01:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.16	128	45503	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	262316	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	238246	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	124942	31.46	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.87%
60) 4-Bromofluorobenzene	12.38	95	125954	29.70	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.00%
63) Toluene-d8	10.06	98	315447	29.62	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	57046	19.271	ug/l 98
3) Chloromethane	2.04	50	59479	19.025	ug/l 97
4) Vinyl Chloride	2.16	62	57554	18.326	ug/l 98
5) Bromomethane	2.54	94	37419	18.150	ug/l 91
6) Chloroethane	2.68	64	34438	18.698	ug/l 97
7) Trichlorofluoromethane	2.99	101	100693	18.955	ug/l 99
8) Diethyl Ether	3.38	74	30993	17.704	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	47784	18.045	ug/l # 84
10) 1,1-Dichloroethene	3.70	96	47720	18.794	ug/l 99
11) Methyl Iodide	3.92	142	62641	17.218	ug/l 97
12) Methyl Acetate	4.28	43	52014	17.518	ug/l 92
13) Acrolein	3.57	56	18047m	74.070	ug/l
14) Acrylonitrile	4.94	53	106199	92.418	ug/l 98
15) Acetone	3.78	58	31538	85.739	ug/l 90
16) Carbon Disulfide	4.01	76	129996	17.671	ug/l # 93
17) Allyl chloride	4.28	41	93635	19.236	ug/l 93
18) Methylene Chloride	4.51	84	54949	18.510	ug/l # 86
19) trans-1,2-Dichloroethene	4.99	96	52975	18.354	ug/l 99
20) Diisopropyl ether	5.90	45	171073	18.444	ug/l 93
21) 1,1-Dichloroethane	5.80	63	104090	18.816	ug/l 95
22) cis-1,2-Dichloroethene	6.78	96	61933	18.705	ug/l # 90
23) tert-Butyl Alcohol	4.73	59	50121	94.066	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	166157	18.841	ug/l 97
25) Chloroform	7.33	83	110793	18.505	ug/l 95
26) Cyclohexane	7.61	56	77054	17.961	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	79878	17.615	ug/l 98
30) 2-Butanone	6.78	43	179100	89.929	ug/l 99
31) 2,2-Dichloropropane	6.77	77	101748	17.928	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	105653	18.234	ug/l 95
33) Carbon Tetrachloride	7.73	117	92140	17.751	ug/l 97
34) Benzene	8.00	78	222189	17.929	ug/l 97
35) Methacrylonitrile	7.12	41	32241	16.057	ug/l 98
36) 1,2-Dichloroethane	8.09	62	97986	18.545	ug/l # 91
37) Trichloroethene	8.80	130	62281	18.262	ug/l 94
38) Methylcyclohexane	9.05	83	72717	17.565	ug/l 96
39) 1,2-Dichloropropane	9.08	63	59155	17.856	ug/l 95
40) Dibromomethane	9.17	93	42742	18.440	ug/l 95

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Manual Integrations
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Quant Time: Oct 26 02:40:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.37	83	89600	17.825	ug/l	93
42) Vinyl Acetate	5.85	43	790098	89.947	ug/l	99
43) Ethyl Acetate	6.88	43	68963	16.357	ug/l #	92
44) Isopropyl Acetate	8.13	43	138527	18.319	ug/l	98
45) 1,4-Dioxane	9.16	88	17946	388.588	ug/l	89
46) Methyl methacrylate	9.16	41	68229	18.661	ug/l	94
47) n-amyl Acetate	12.05	43	115320	17.675	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	97713	17.413	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	103482	17.756	ug/l	95
50) 1,1,2-Trichloroethane	10.53	97	55895	18.307	ug/l	97
51) Ethyl methacrylate	10.40	69	83692	17.821	ug/l	91
52) 1,3-Dichloropropane	10.68	76	99373	18.407	ug/l	99
53) Dibromochloromethane	10.87	129	66414	17.410	ug/l	92
54) 1,2-Dibromoethane	10.98	107	59135	18.125	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	220533	96.651	ug/l	97
56) Bromoform	12.10	173	45818	16.988	ug/l #	35
58) 4-Methyl-2-Pentanone	9.95	43	379106	92.327	ug/l	99
59) 2-Hexanone	10.72	43	274483	88.165	ug/l	99
61) Tetrachloroethene	10.60	164	59759	17.952	ug/l	95
62) Toluene	10.12	91	241938	17.640	ug/l	100
64) Chlorobenzene	11.41	112	150552	17.696	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	61993	18.242	ug/l	97
66) Ethyl Benzene	11.48	91	278375	17.704	ug/l	97
67) m/p-Xylenes	11.60	106	203998	34.985	ug/l	99
68) o-Xylene	11.92	106	98661	17.425	ug/l	99
69) Styrene	11.94	104	164196	17.417	ug/l	99
70) Isopropylbenzene	12.22	105	267041	17.839	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	72044	17.942	ug/l	95
72) 1,2,3-Trichloropropane	12.53	75	73295m	17.579	ug/l	
73) Bromobenzene	12.50	156	63772	17.513	ug/l	99
74) n-propylbenzene	12.57	91	298280	17.366	ug/l	99
75) 2-Chlorotoluene	12.65	91	188204	17.745	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	221682	17.472	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	28586	17.729	ug/l	94
78) 4-Chlorotoluene	12.75	91	193687	17.516	ug/l	99
79) tert-butylbenzene	12.97	119	182331	17.584	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	225179	17.487	ug/l	99
81) sec-Butylbenzene	13.14	105	233062	17.315	ug/l	98
82) p-Isopropyltoluene	13.26	119	212878	17.234	ug/l	97
83) 1,3-Dichlorobenzene	13.26	146	110271	17.169	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	112867	17.258	ug/l	98
85) n-Butylbenzene	13.59	91	183929	16.922	ug/l	95
86) Hexachloroethane	13.85	117	35926	17.225	ug/l	93
87) 1,2-Dichlorobenzene	13.63	146	111296	17.760	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	17688	18.078	ug/l	96
89) 1,2,4-Trichlorobenzene	14.88	180	59284	16.584	ug/l	92
90) Hexachlorobutadiene	14.98	225	34343	17.544	ug/l	98
91) Naphthalene	15.10	128	183704	17.572	ug/l	97
92) 1,2,3-Trichlorobenzene	15.28	180	58761	17.140	ug/l	96

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
APPROVED

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QLast Update : Mon Oct 26 01:30:11 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

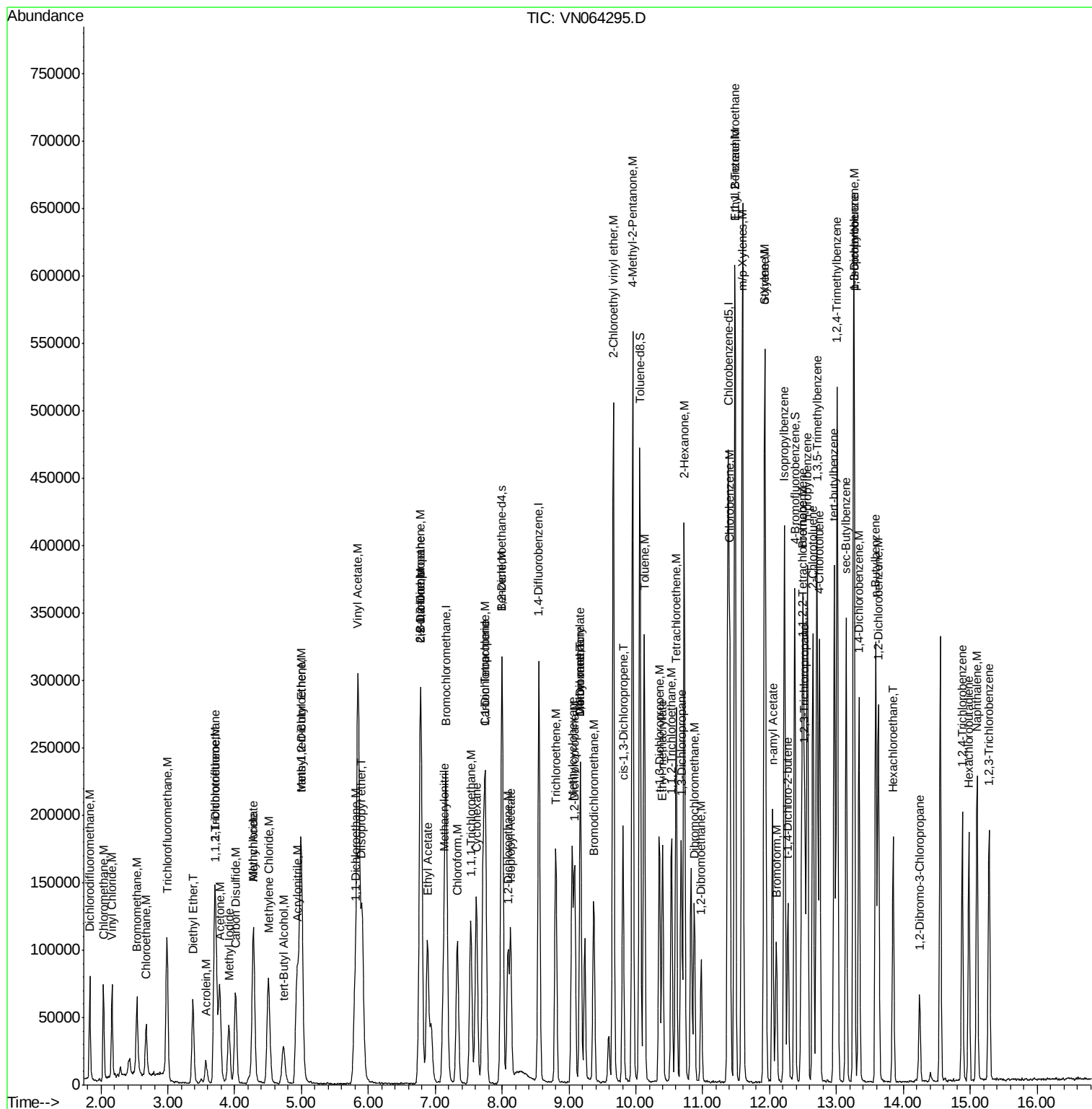
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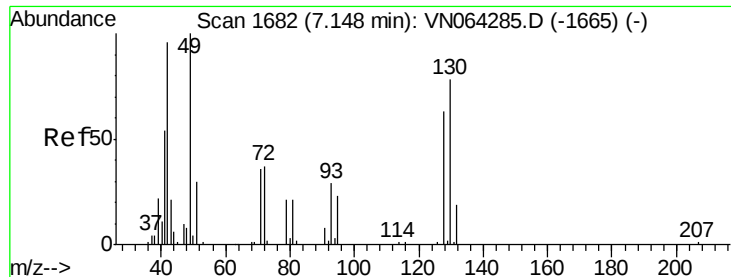
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Manual Integrations
APPROVED

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10/26/2020 1:39:15 PM

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.16 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

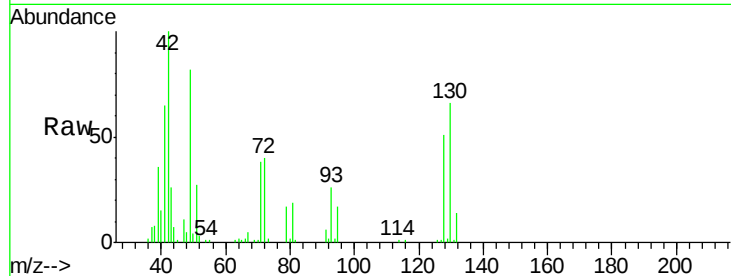
ClientSampleId :

VN1023WBSD01

Tot Ion:	128	Resp:	45503
Ion	Ratio	Lower	Upper
128	100		
49	176.4	0.0	445.0
130	131.3	0.0	320.2

Manual Integrations
APPROVED

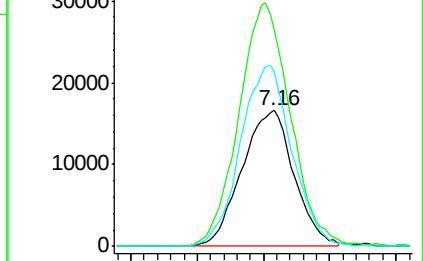
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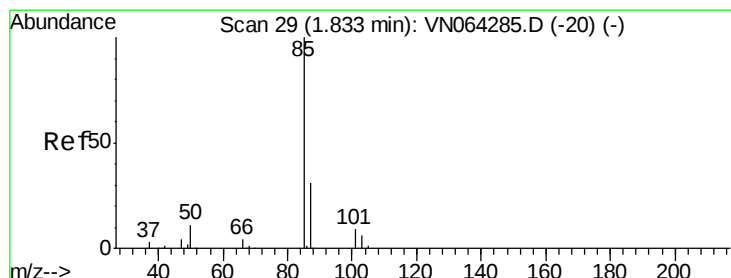
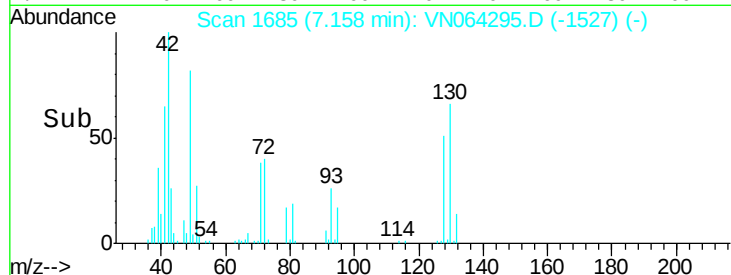
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 19.271 ug/l

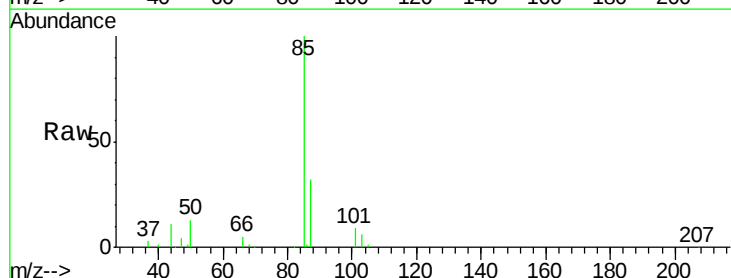
RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064295.D

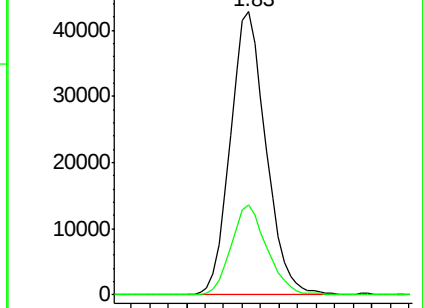
Acq: 23 Oct 2020 18:53

Tgt Ion:	85	Resp:	57046
Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.4	49.2

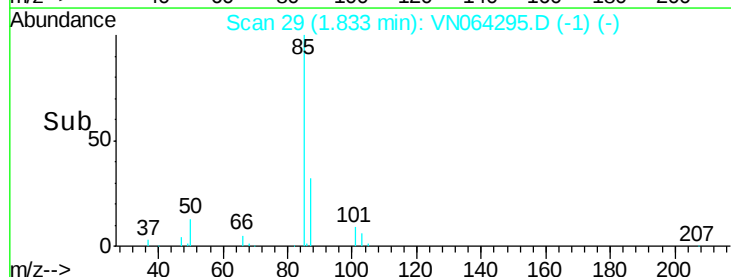


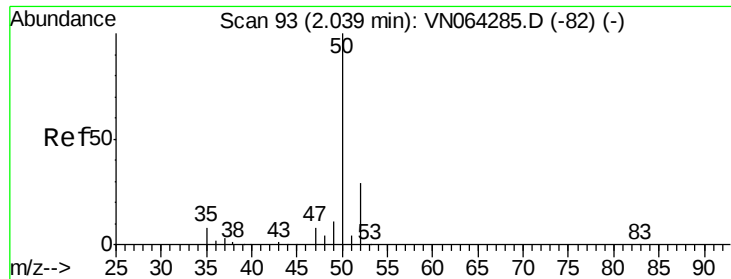
Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



Time-->





#3

Chloromethane

Concen: 19.025 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBSD01

Tot Ion: 50 Resp: 59479

Ion Ratio Lower Upper

50 100

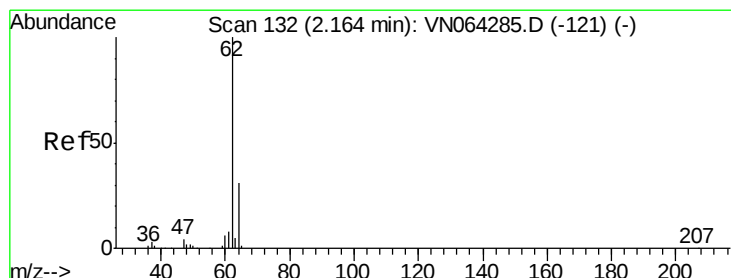
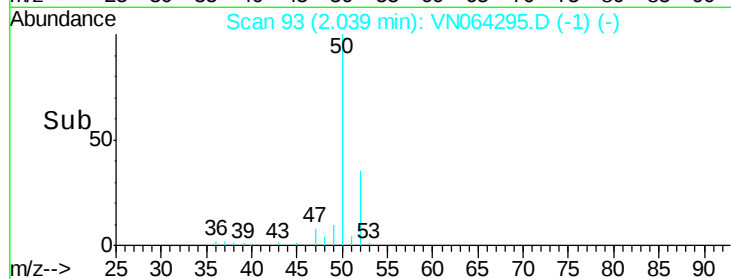
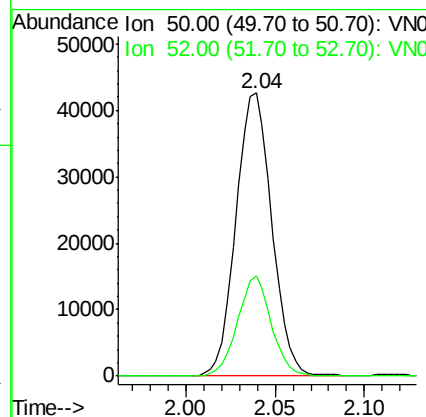
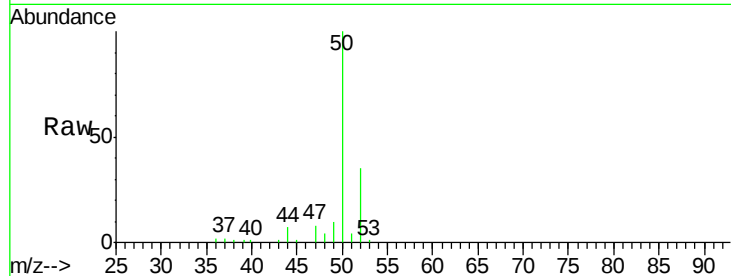
52 35.3 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.326 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064295.D

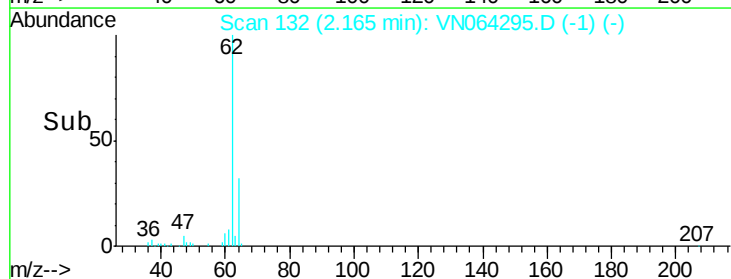
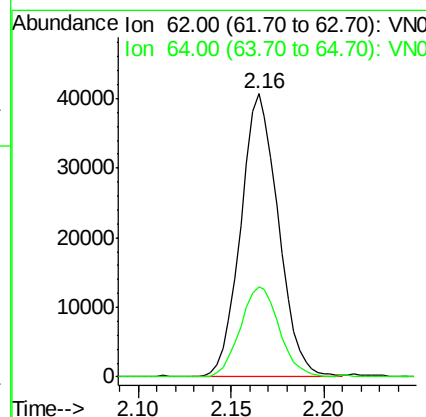
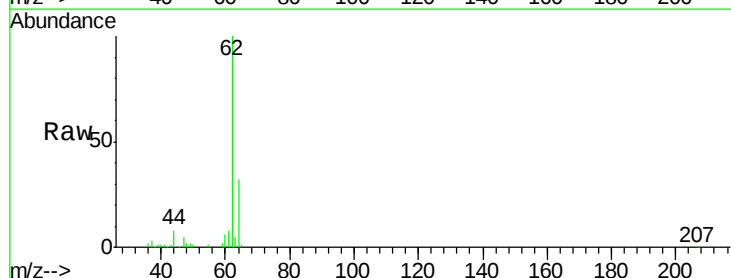
Acq: 23 Oct 2020 18:53

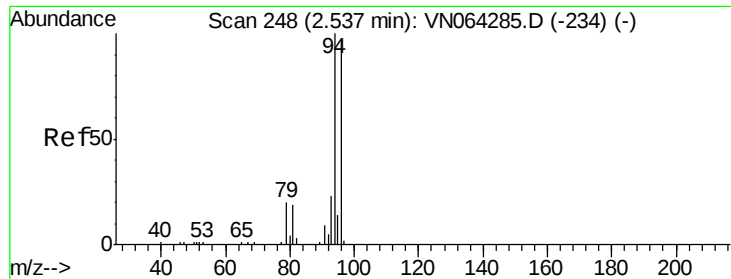
Tgt Ion: 62 Resp: 57554

Ion Ratio Lower Upper

62 100

64 31.9 26.6 39.8





#5

Bromomethane

Concen: 18.150 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBSD01

Tot Ion: 94 Resp: 37419

Ion Ratio Lower Upper

94 100

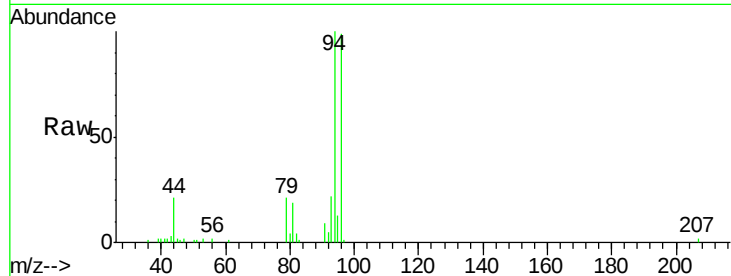
96 99.2 72.4 108.6

Manual Integrations

APPROVED

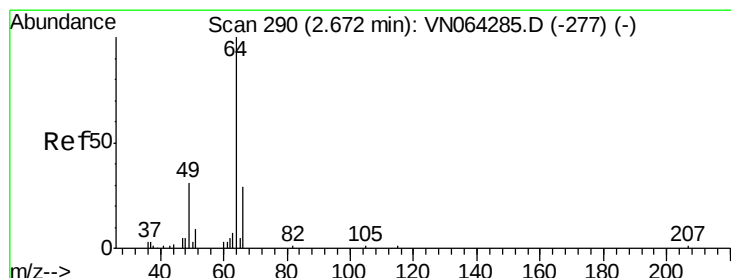
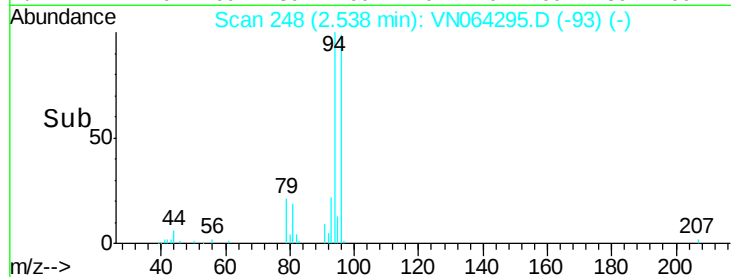
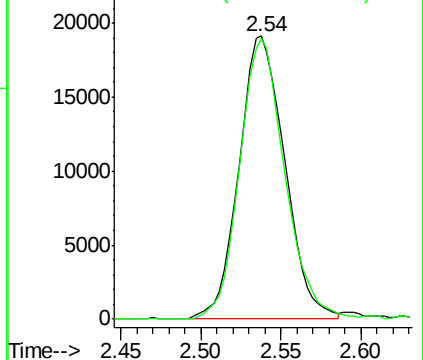
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 18.698 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064295.D

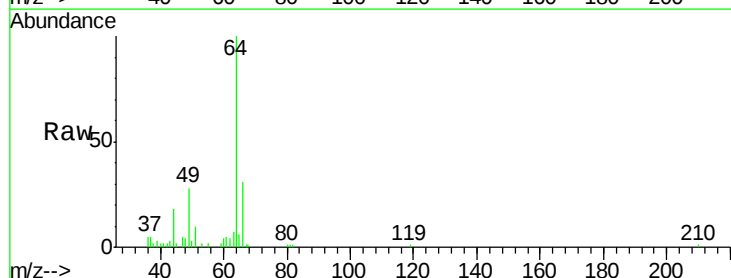
Acq: 23 Oct 2020 18:53

Tgt Ion: 64 Resp: 34438

Ion Ratio Lower Upper

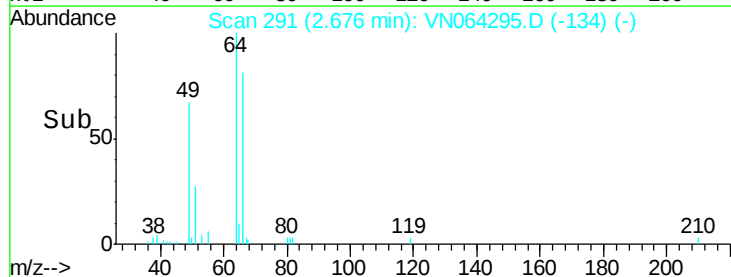
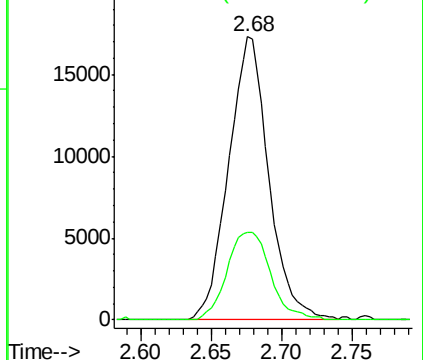
64 100

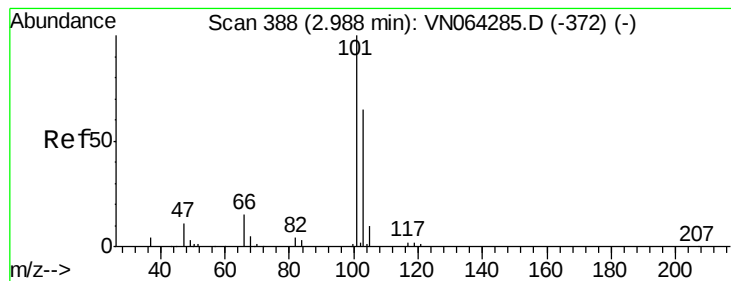
66 30.8 23.4 35.2



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

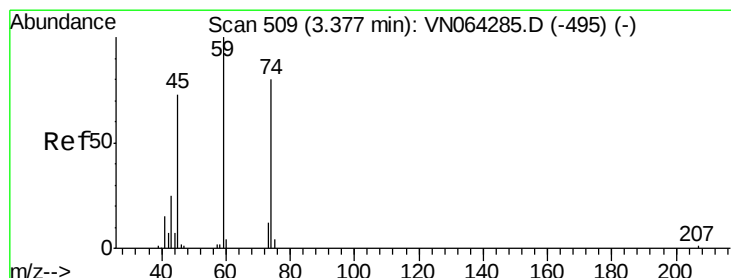
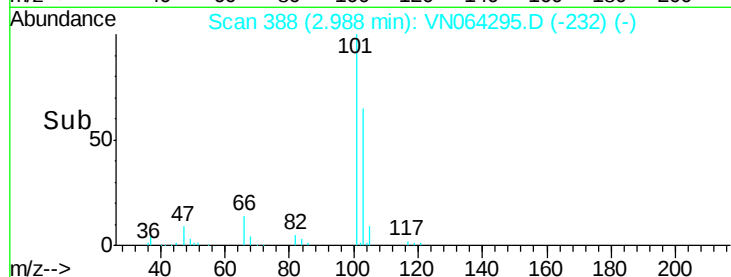
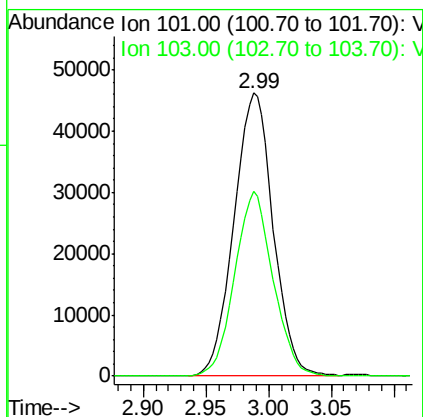
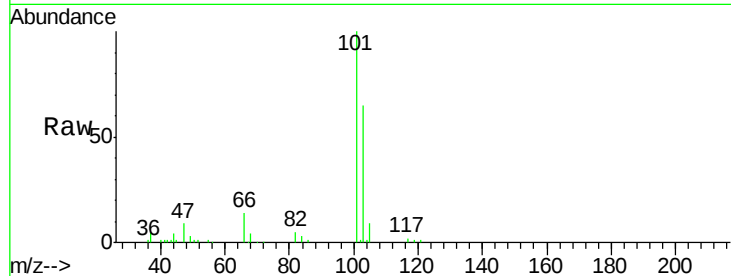
Trichlorofluoromethane
Concen: 18.955 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampled :
VN1023WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		100693		
103	65.3	51.4	77.0		

Manual Integrations
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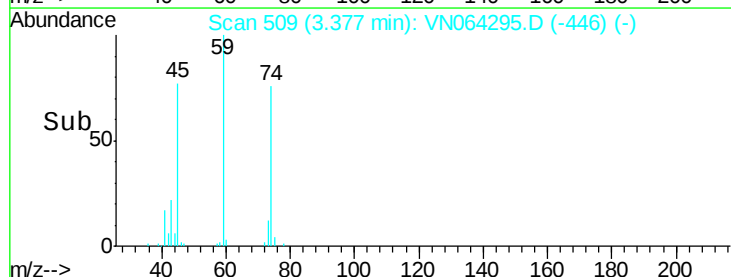
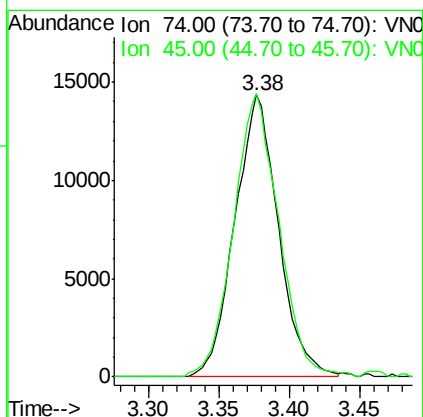
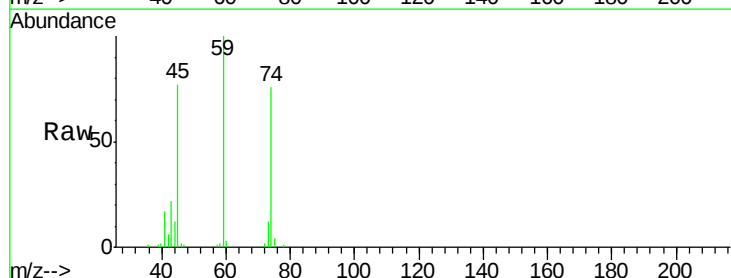
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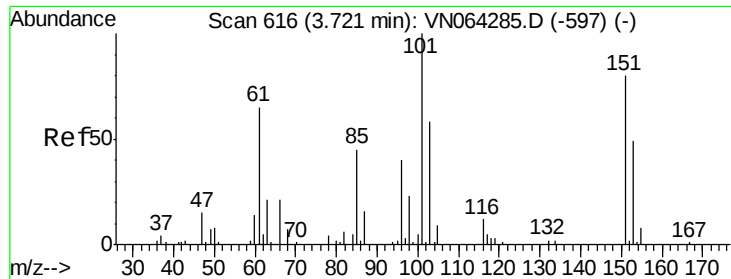


#8

Diethyl Ether
Concen: 17.704 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064295.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		30993		
45	104.1	21.3	191.3		





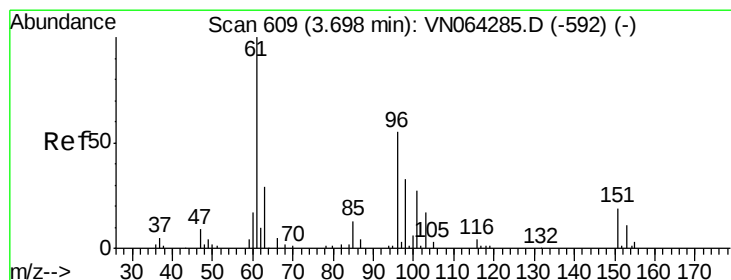
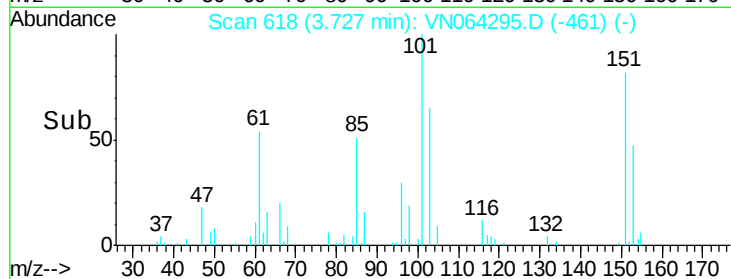
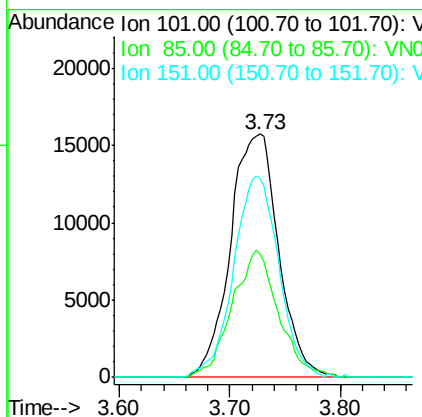
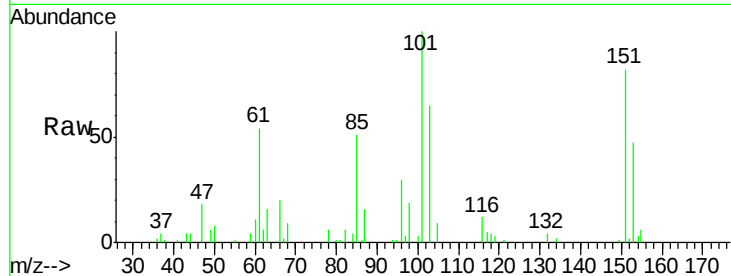
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.045 ug/l
 RT: 3.73 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	50.1	0.0	47.4#
151	77.5	0.0	148.4

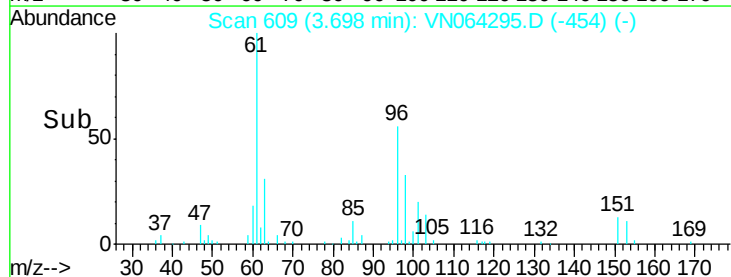
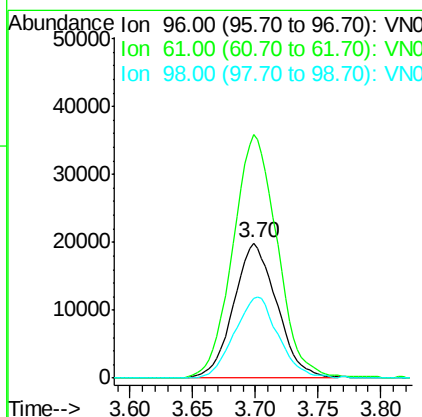
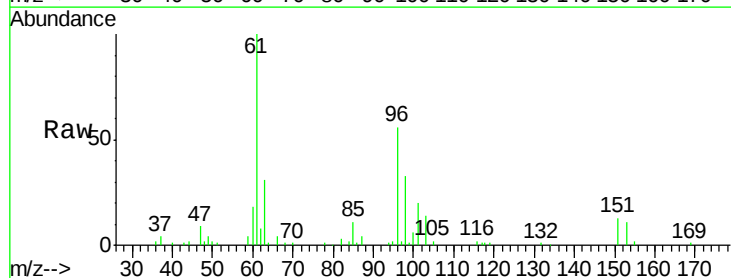
Manual Integrations
 APPROVED

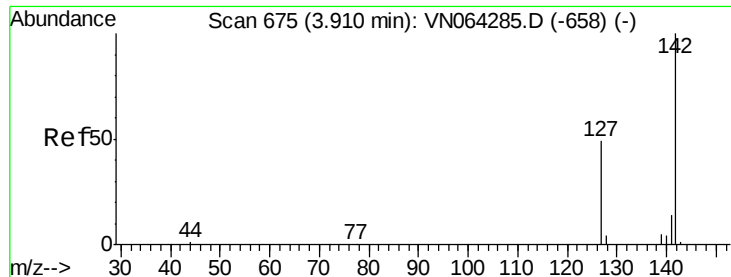
MMDadoda
 10/26/2020 1:39:15 PM



#10
 1,1-Dichloroethene
 Concen: 18.794 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.6	144.2	216.4
98	58.6	47.4	71.0





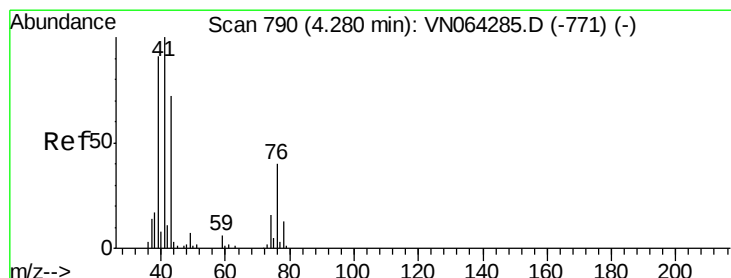
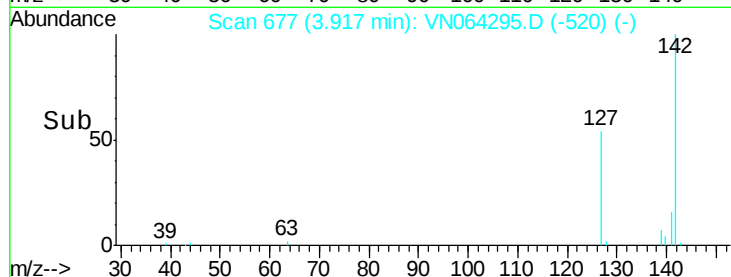
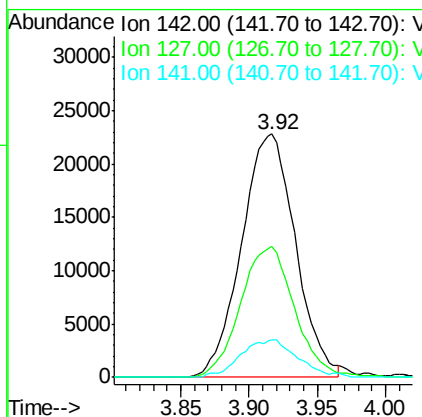
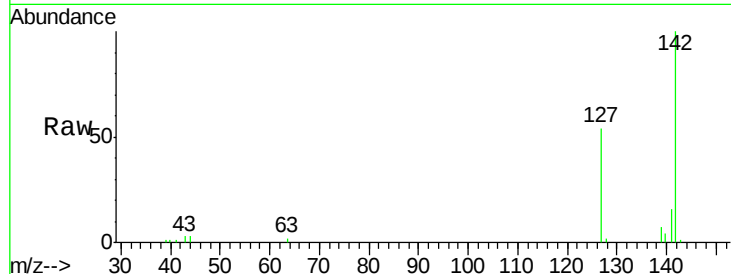
#11
Methvl Iodide
Concen: 17.218 ug/l
RT: 3.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	54.3	25.9	77.8
141	15.2	7.5	22.6

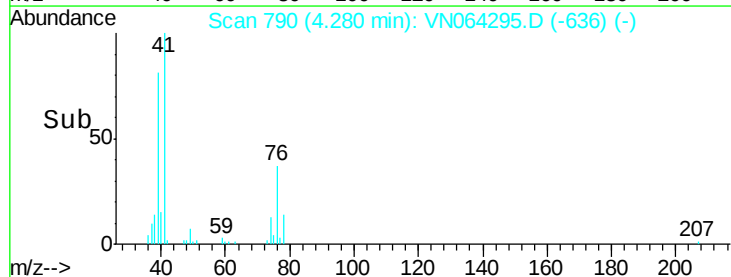
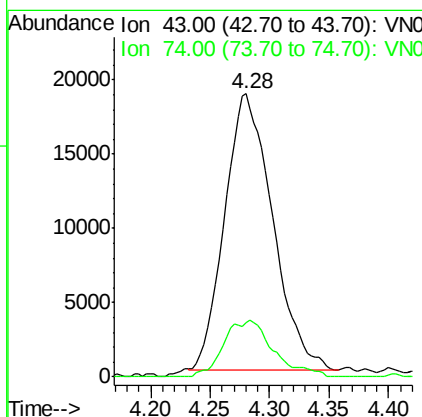
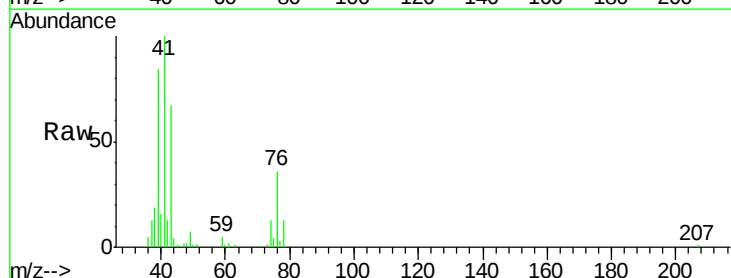
Manual Integrations
APPROVED

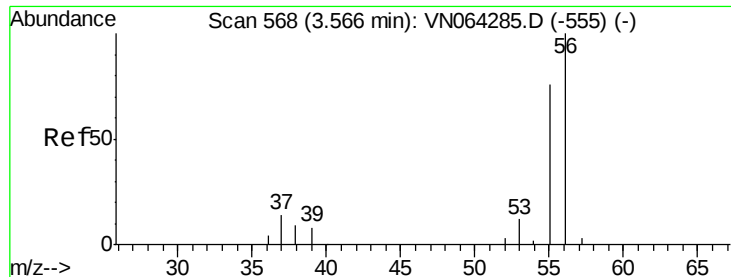
MMDadoda
10/26/2020 1:39:15 PM



#12
Methyl Acetate
Concen: 17.518 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.01 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.8	19.0	28.6





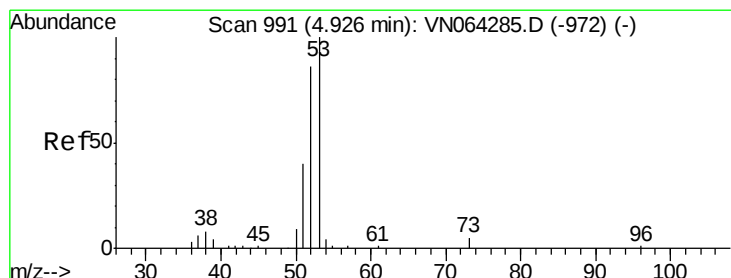
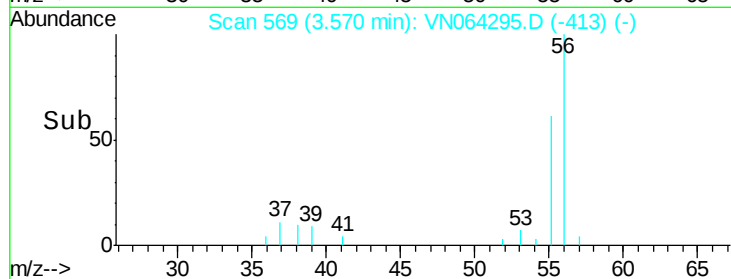
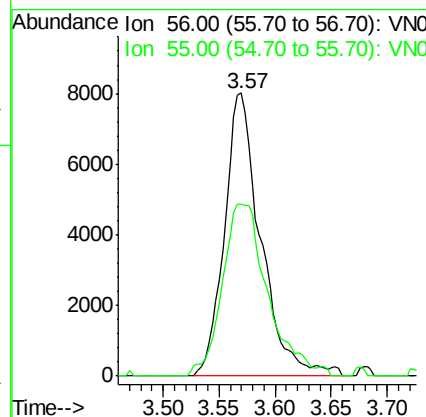
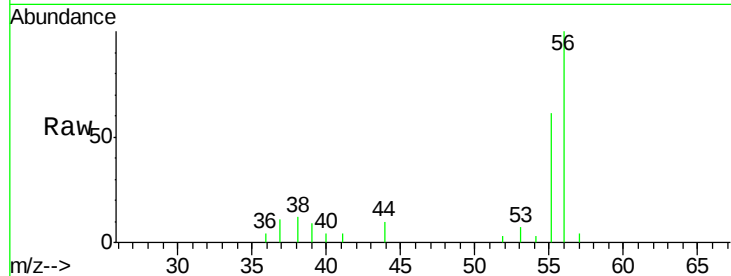
#13
Acrolein
Concen: 74.070 ug/l m
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion: 56 Resp: 18047
Ion Ratio Lower Upper
56 100
55 1.0 61.0 91.6#

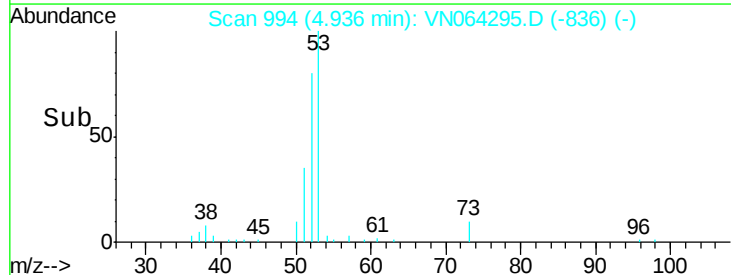
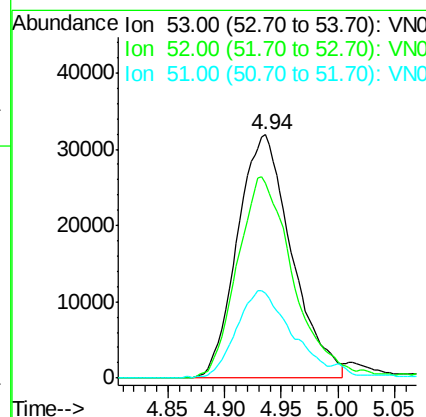
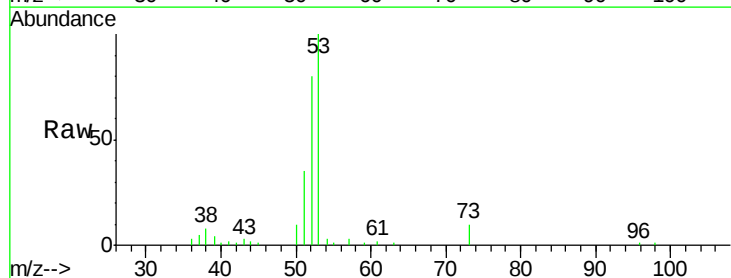
Manual Integrations
APPROVED

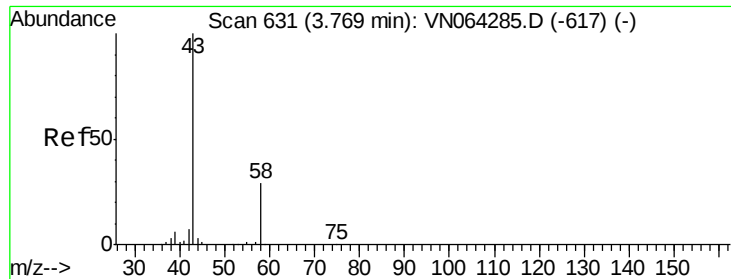
MMDadoda
10/26/2020 1:39:15 PM



#14
Acrylonitrile
Concen: 92.418 ug/l
RT: 4.94 min Scan# 994
Delta R.T. 0.01 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion: 53 Resp: 106199
Ion Ratio Lower Upper
53 100
52 84.6 41.7 125.1
51 36.5 18.9 56.7





#15

Acetone

Concen: 85.739 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBSD01

Tot Ion: 58 Resp: 31538

Ion Ratio Lower Upper

58 100

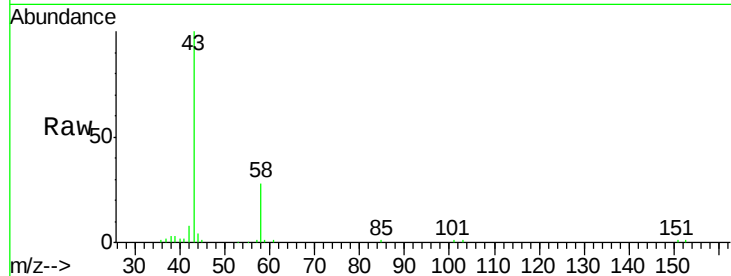
43 348.7 297.4 446.0

Manual Integrations

APPROVED

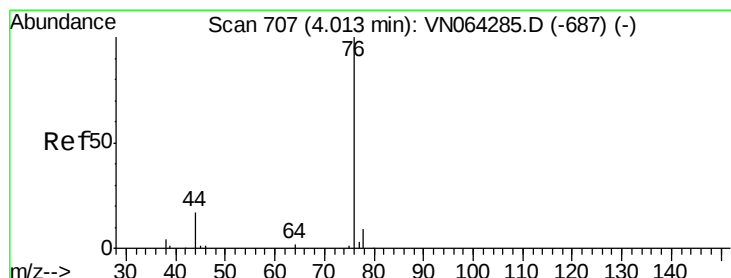
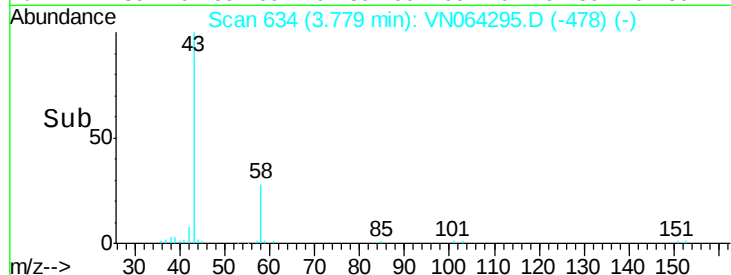
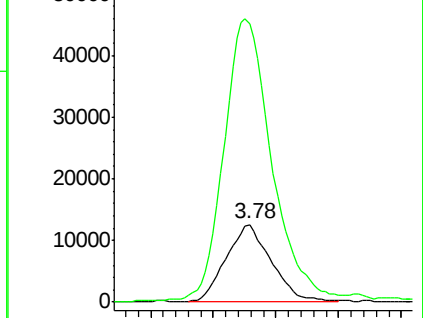
MMDadoda

10/26/2020 1:39:15 PM



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 17.671 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064295.D

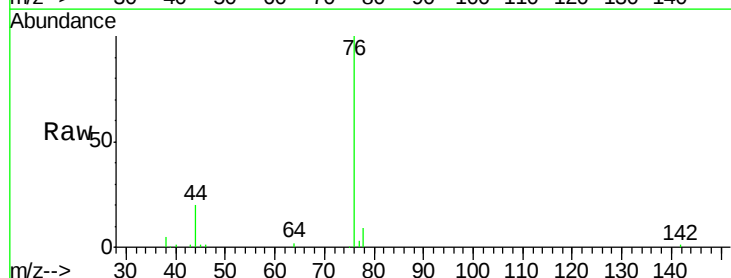
Acq: 23 Oct 2020 18:53

Tgt Ion: 76 Resp: 129996

Ion Ratio Lower Upper

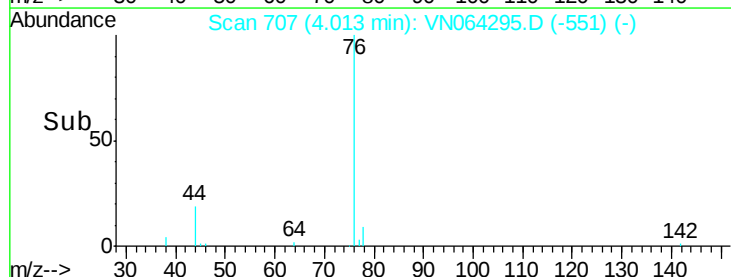
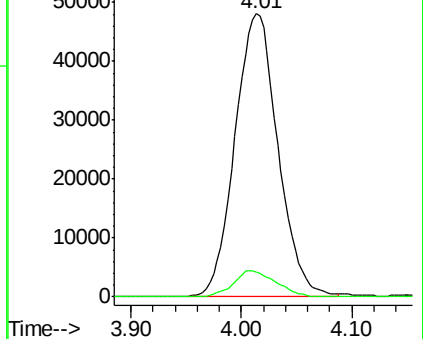
76 100

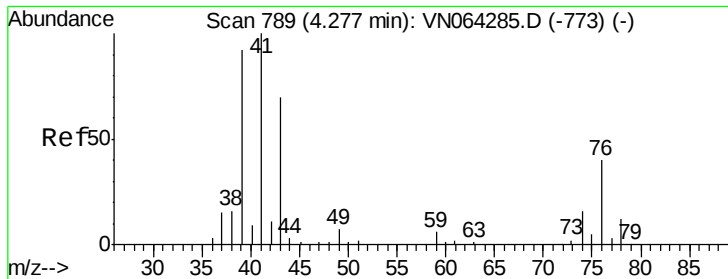
78 8.6 9.0 13.4#



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





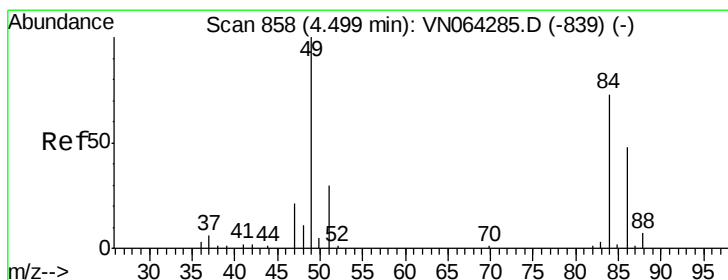
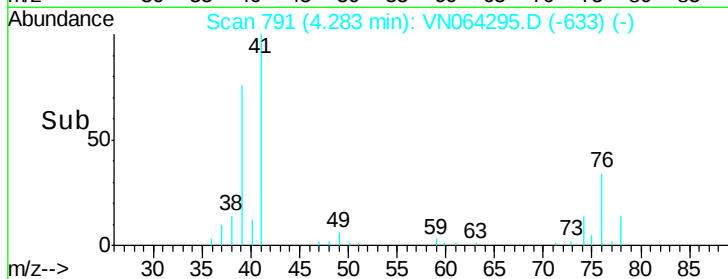
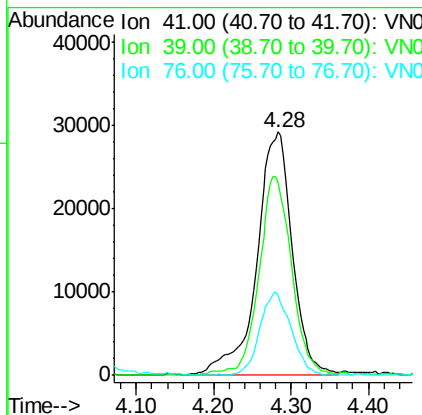
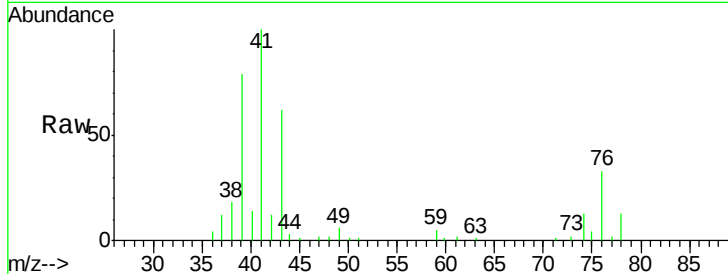
#17
Allvl chloride
Concen: 19.236 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion:	41	Resp:	93635
Ion	Ratio	Lower	Upper
41	100		
39	78.2	39.9	119.6
76	32.9	21.4	64.2

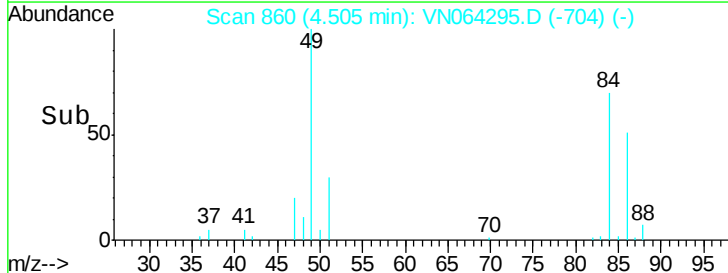
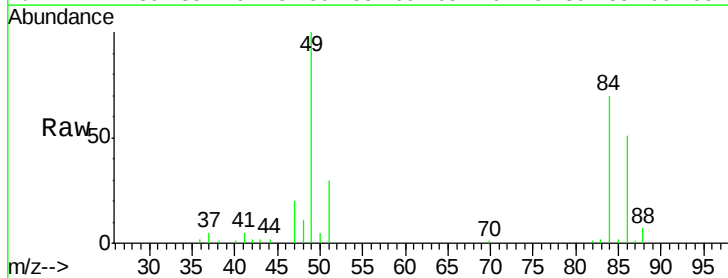
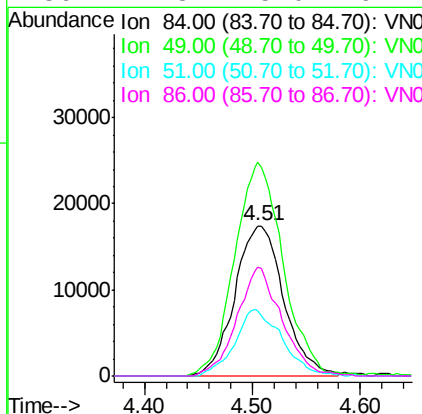
Manual Integrations
APPROVED

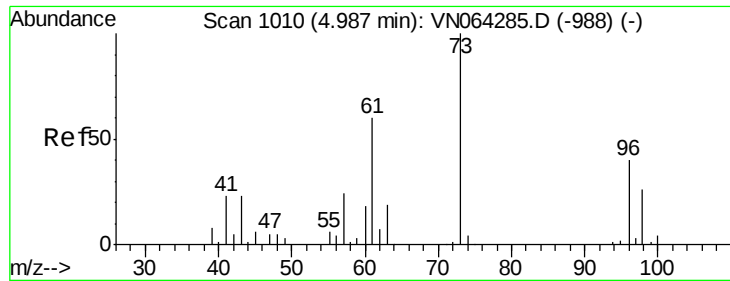
MMDadoda
10/26/2020 1:39:15 PM



#18
Methylene Chloride
Concen: 18.510 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion:	84	Resp:	54949
Ion	Ratio	Lower	Upper
84	100		
49	141.4	101.1	151.7
51	43.2	33.4	50.0
86	72.8	45.0	67.4#





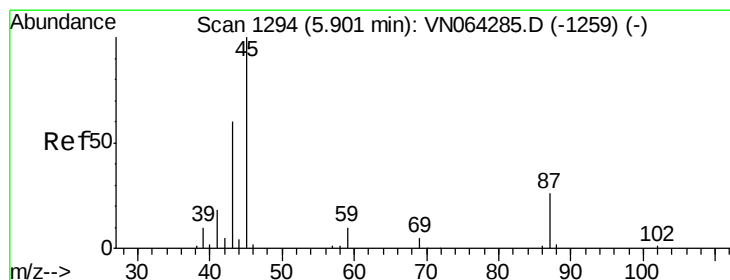
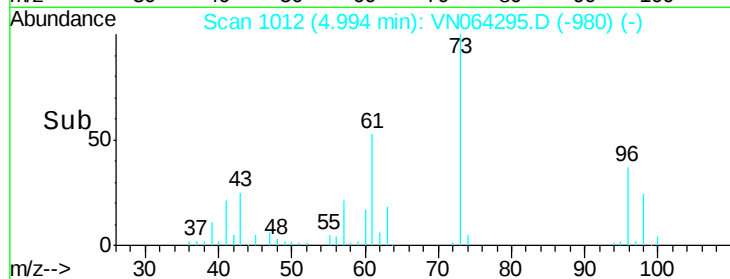
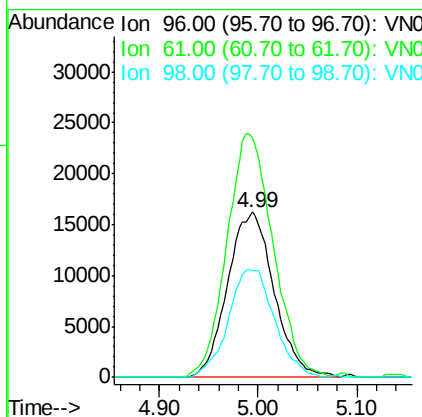
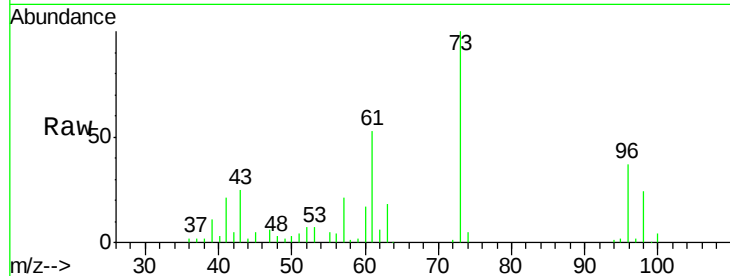
#19
trans-1,2-Dichloroethene
Concen: 18.354 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	114.2	171.2
98	64.9	52.8	79.2

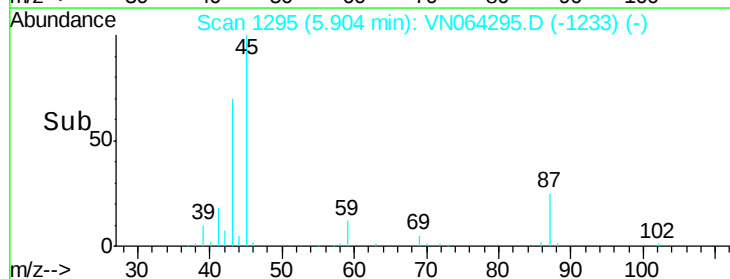
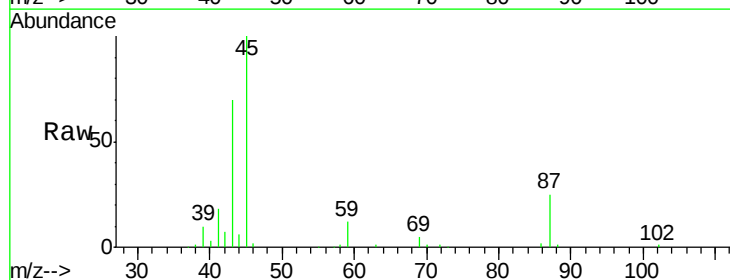
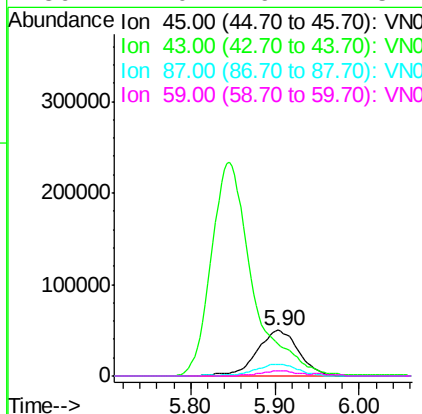
Manual Integrations
APPROVED

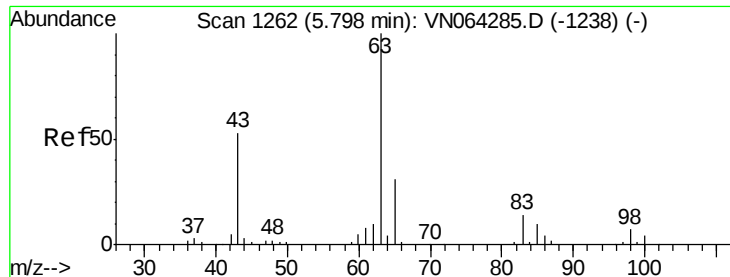
MMDadoda
10/26/2020 1:39:15 PM



#20
Diisopropyl ether
Concen: 18.444 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.8	58.9	88.3
87	25.1	21.0	31.4
59	12.0	9.1	13.7





#21

1,1-Dichloroethane

Concen: 18.816 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

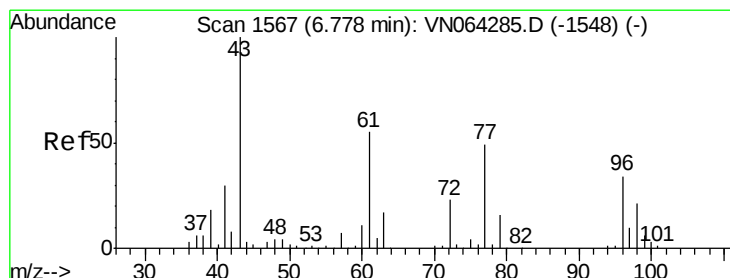
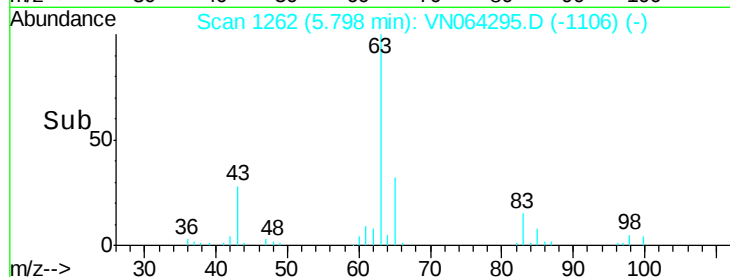
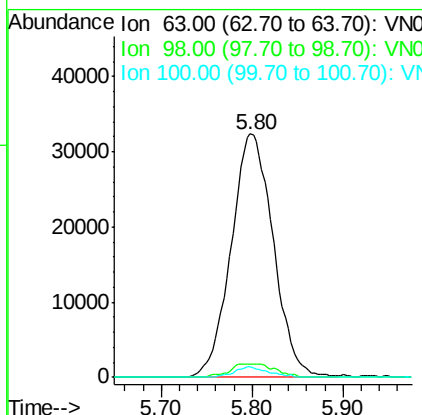
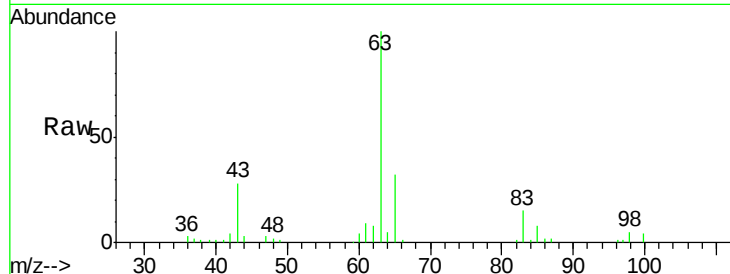
ClientSampleId :

VN1023WBSD01

Tot Ion:	63	Resp:	104090
Ion Ratio		Lower	Upper
63	100		
98	5.3	3.5	10.6
100	4.4	1.6	4.7

Manual Integrations
APPROVED

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10/26/2020 1:39:15 PM



#22

cis-1,2-Dichloroethene

Concen: 18.705 ug/l

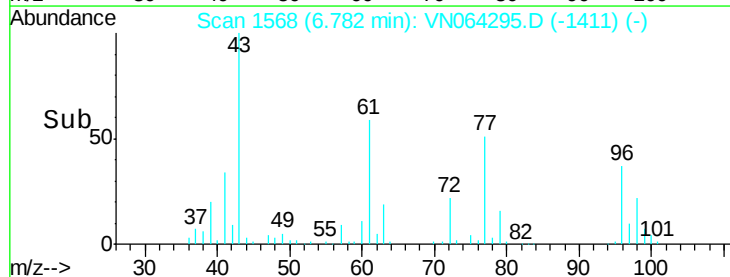
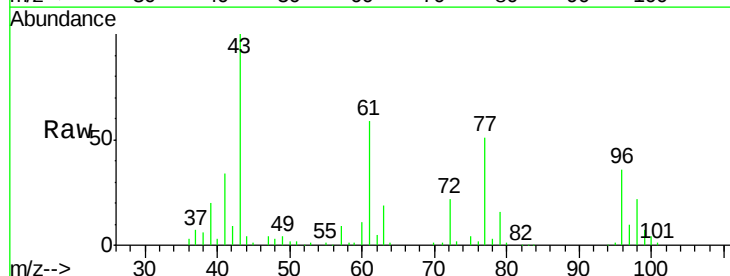
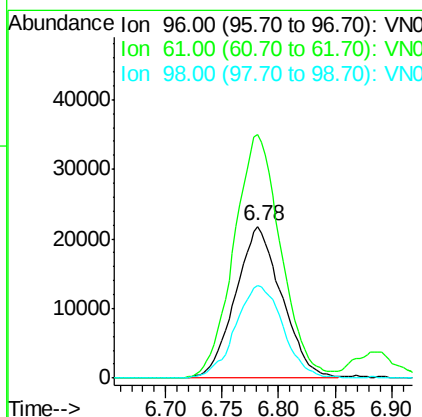
RT: 6.78 min Scan# 1568

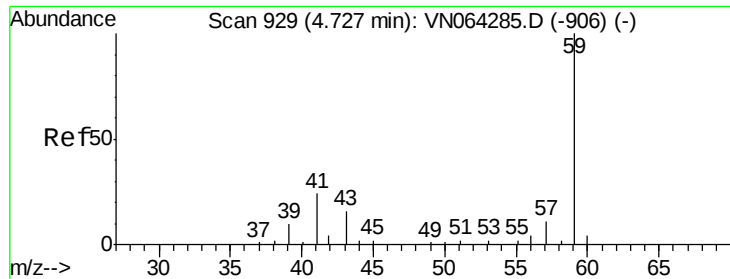
Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Tgt Ion:	96	Resp:	61933
Ion Ratio		Lower	Upper
96	100		
61	162.6	132.2	198.2
98	63.0	26.5	39.7#





#23

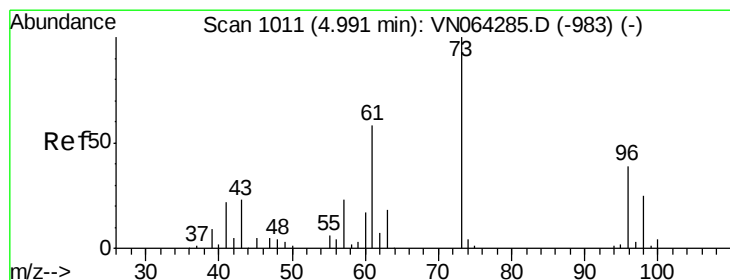
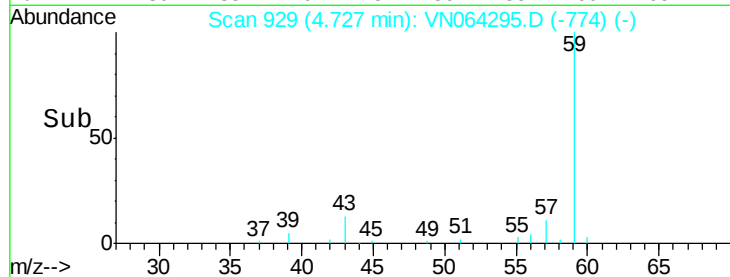
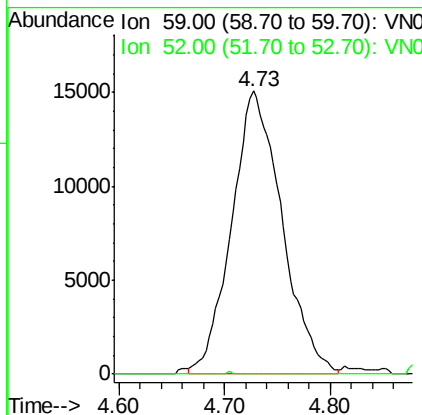
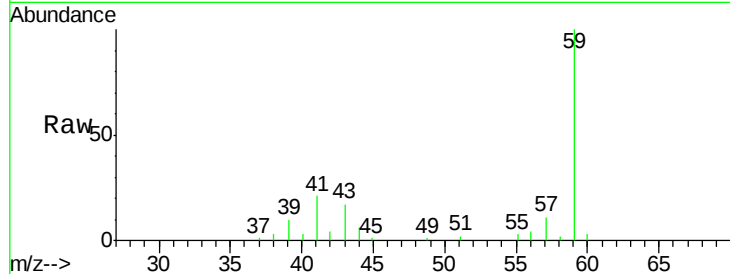
tert-Butyl Alcohol
 Concen: 94.066 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#

Manual Integrations
 APPROVED

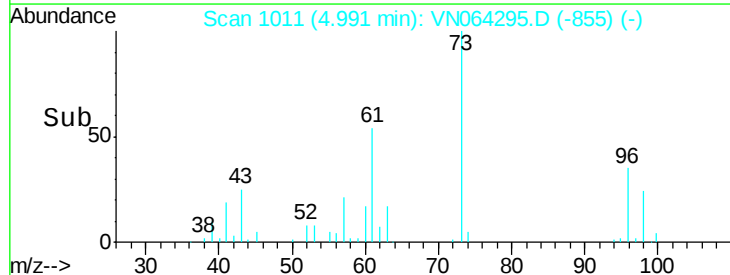
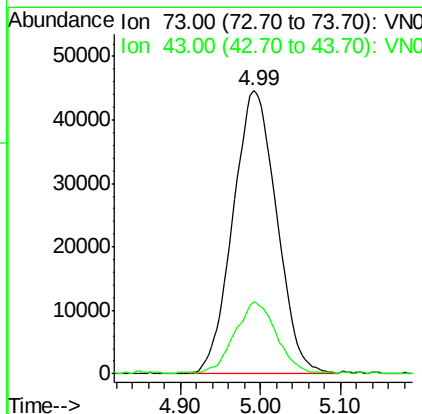
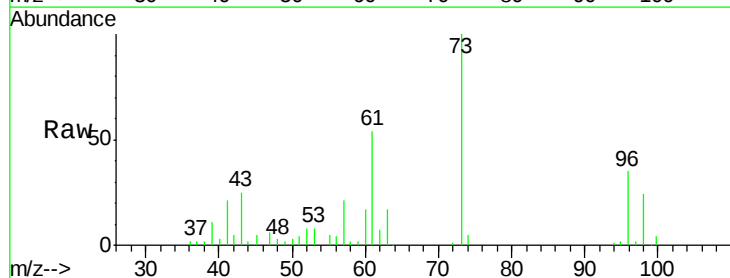
MMDadoda
 10/26/2020 1:39:15 PM

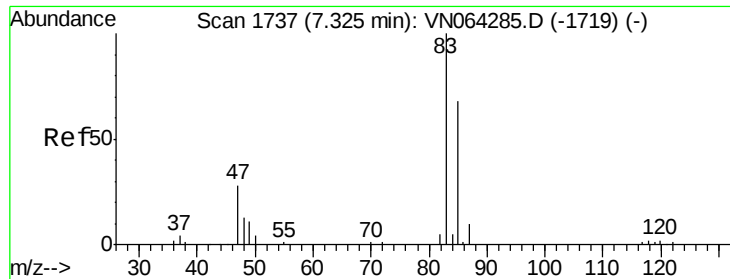


#24

Methyl tert-Butyl Ether
 Concen: 18.841 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.3	19.7	29.5





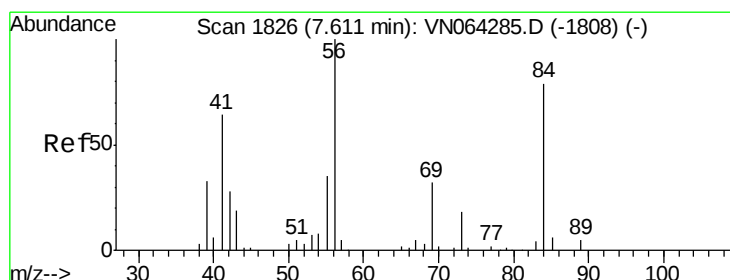
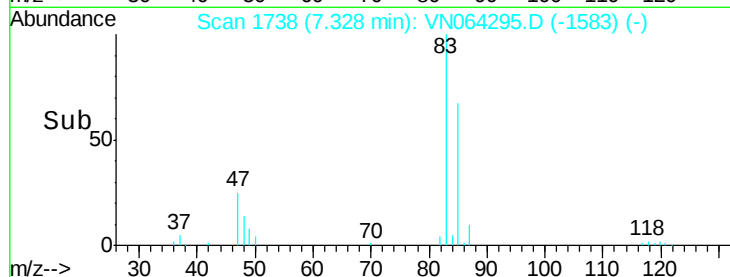
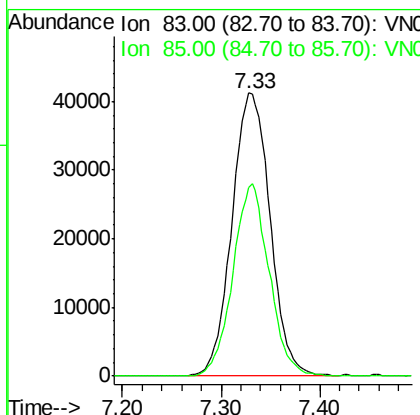
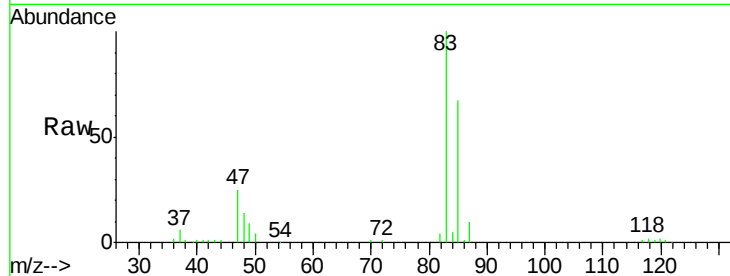
#25
Chloroform
Concen: 18.505 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion: 83 Resp: 110793
Ion Ratio Lower Upper
83 100
85 66.6 50.3 75.5

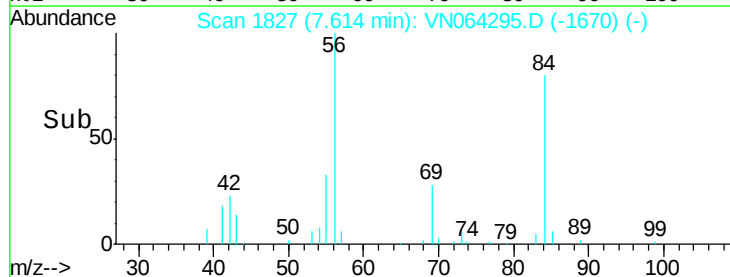
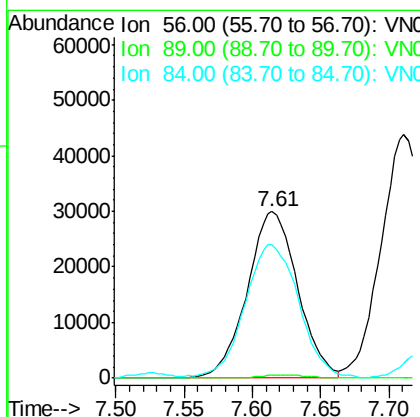
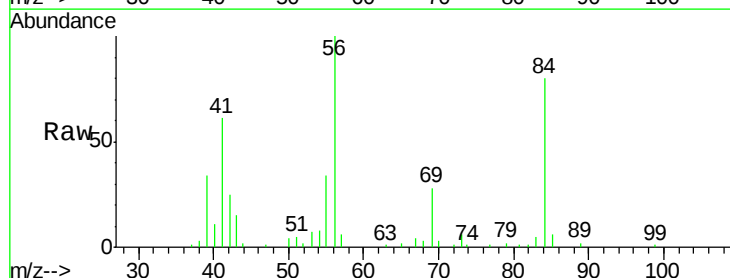
Manual Integrations
APPROVED

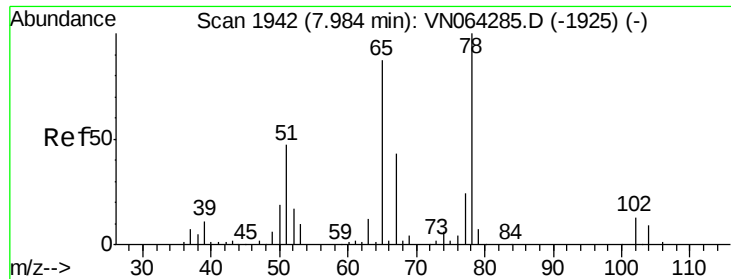
MMDadoda
10/26/2020 1:39:15 PM



#26
Cyclohexane
Concen: 17.961 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion: 56 Resp: 77054
Ion Ratio Lower Upper
56 100
89 0.7 3.4 5.2#
84 83.0 66.2 99.2





#27

1,2-Dichloroethane-d4

Concen: 31.458 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBSD01

Tot Ion: 65 Resp: 124942

Ion Ratio Lower Upper

65 100

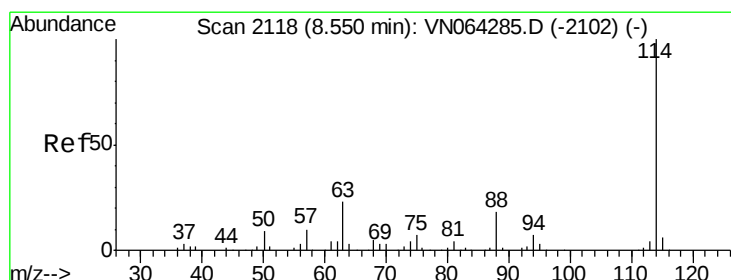
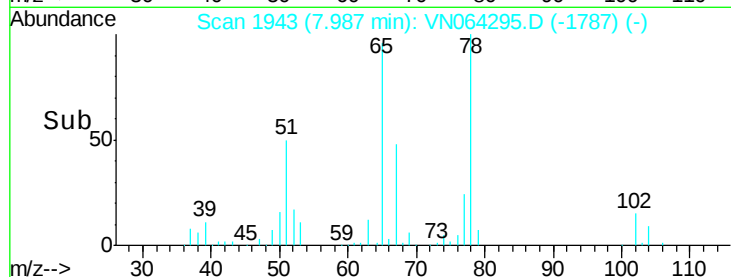
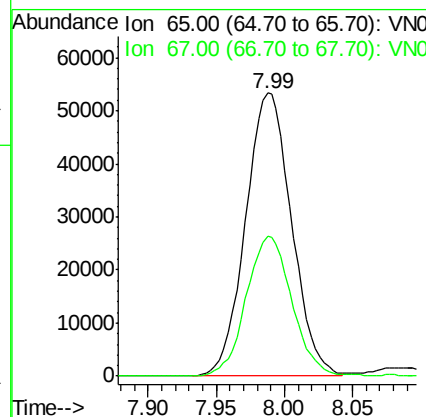
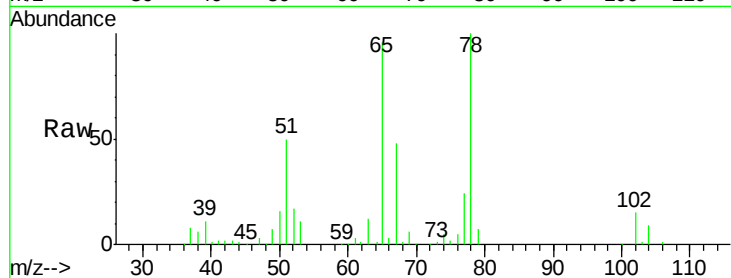
67 48.9 38.4 57.6

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

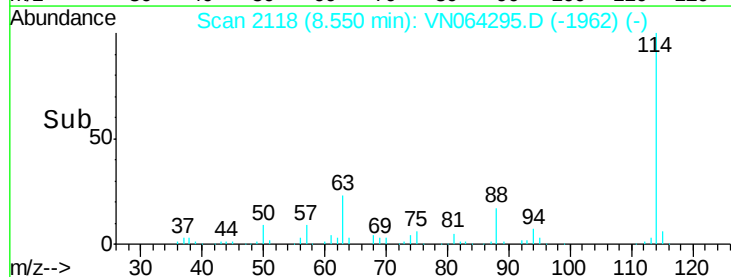
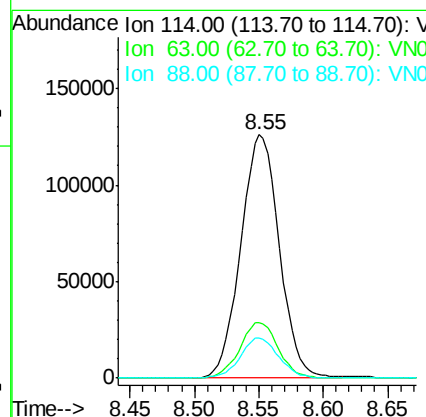
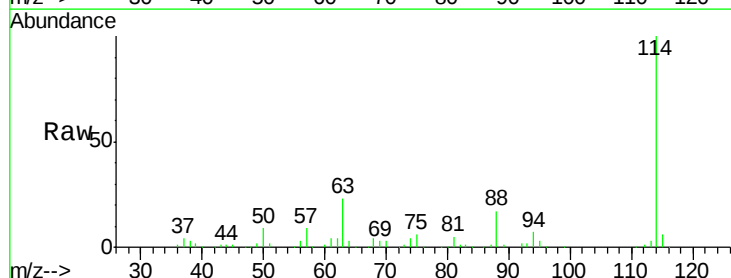
Tgt Ion: 114 Resp: 262316

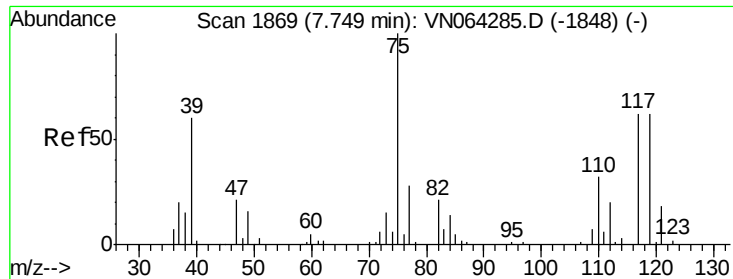
Ion Ratio Lower Upper

114 100

63 22.9 17.8 26.8

88 16.4 13.8 20.8





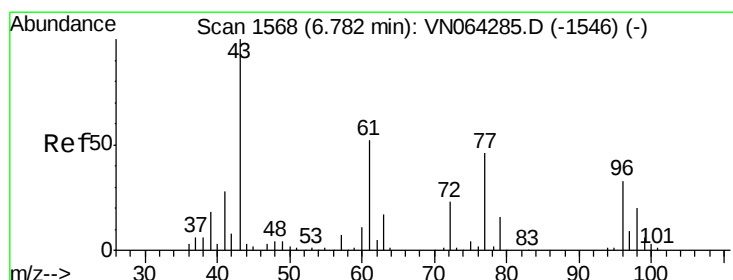
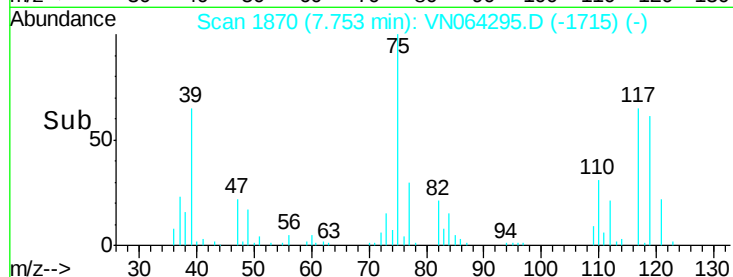
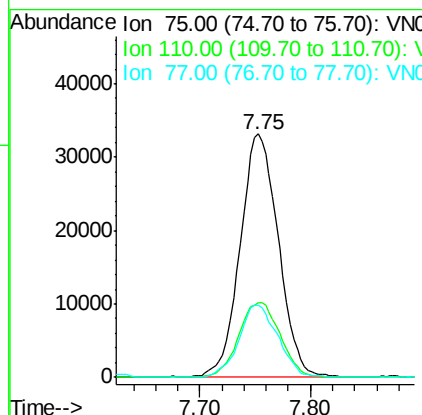
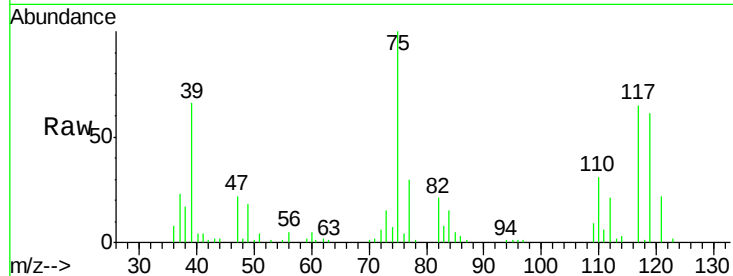
#29
 1,1-Dichloropropene
 Concen: 17.615 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.2	0.0	66.2
77	30.1	0.0	64.4

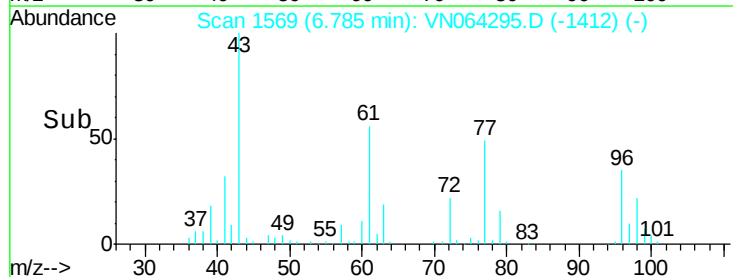
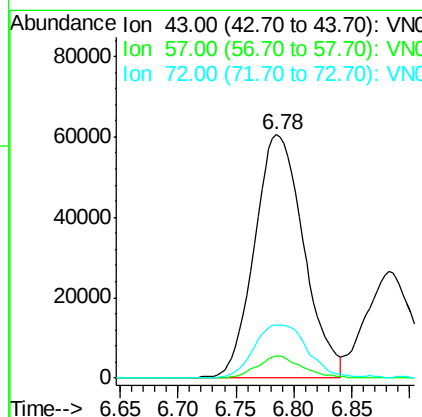
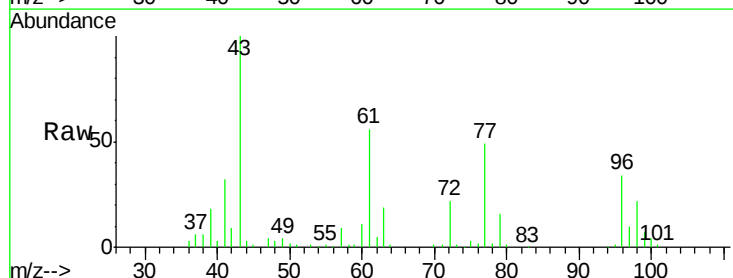
Manual Integrations
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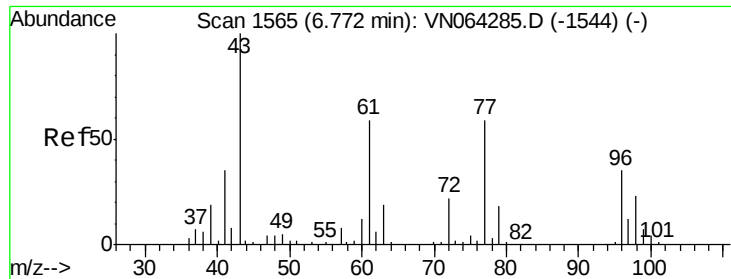
MMDadoda
 10/26/2020 1:39:15 PM



#30
 2-Butanone
 Concen: 89.929 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.4	9.6
72	23.6	19.4	29.0





#31

2,2-Dichloropropane

Concen: 17.928 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampled :

VN1023WBSD01

Tot Ion: 77 Resp: 101748

Ion Ratio Lower Upper

77 100

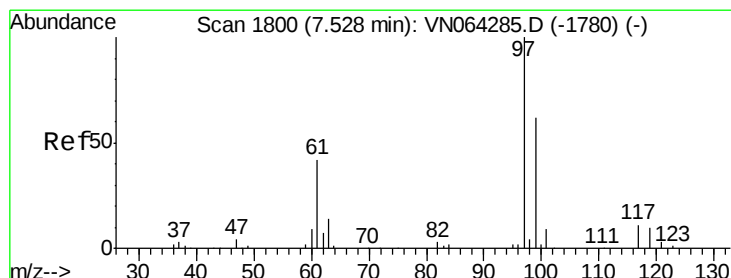
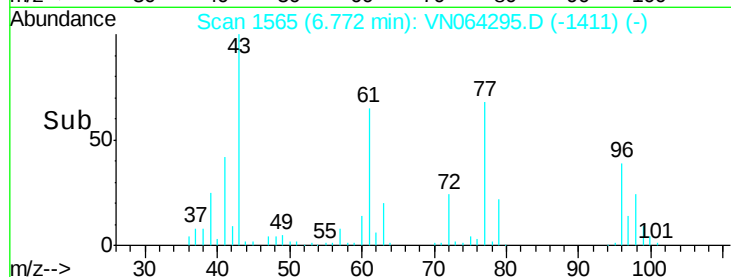
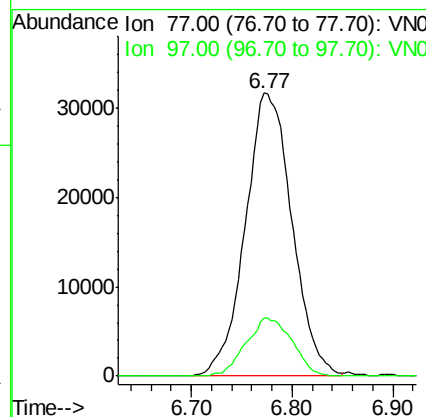
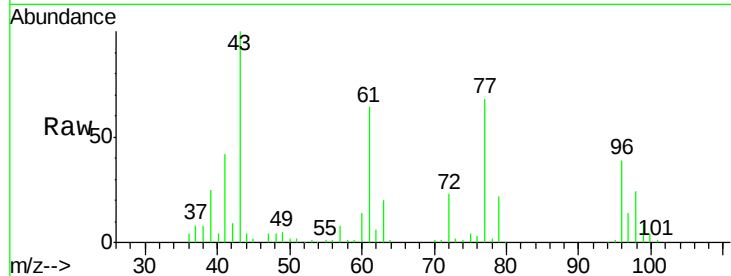
97 20.2 15.1 22.7

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.234 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

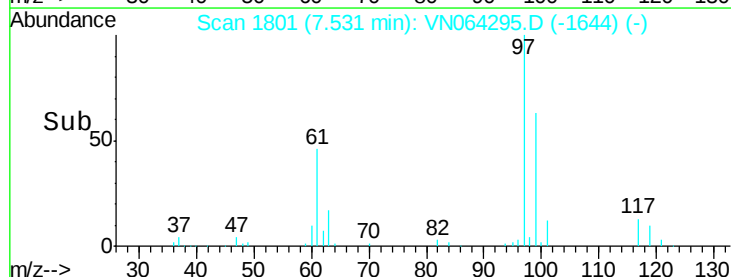
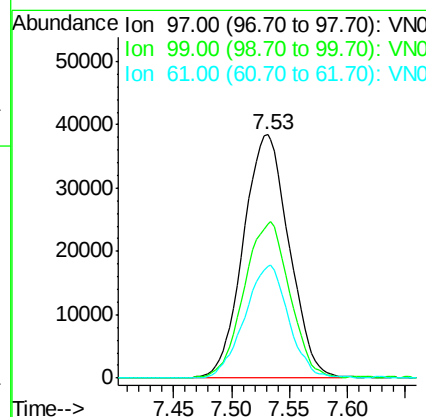
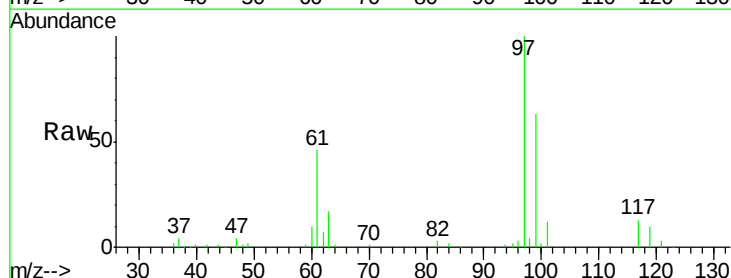
Tgt Ion: 97 Resp: 105653

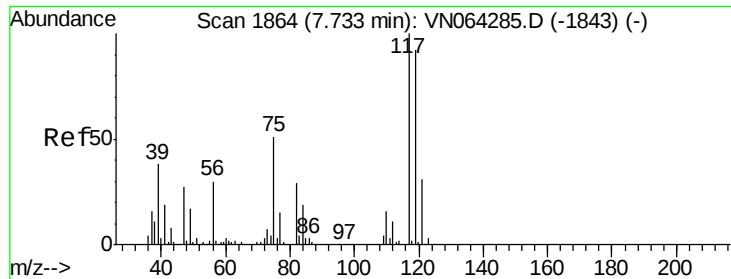
Ion Ratio Lower Upper

97 100

99 63.8 54.4 81.6

61 44.2 37.5 56.3





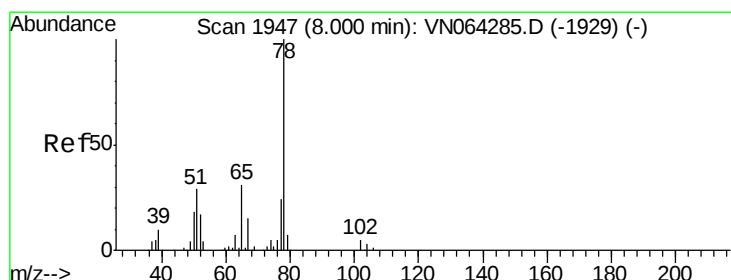
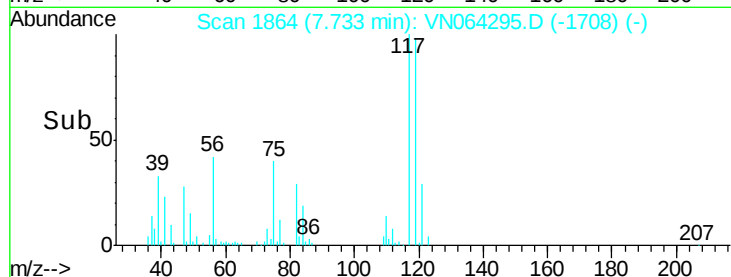
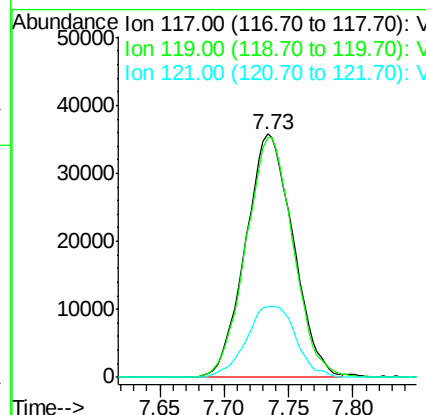
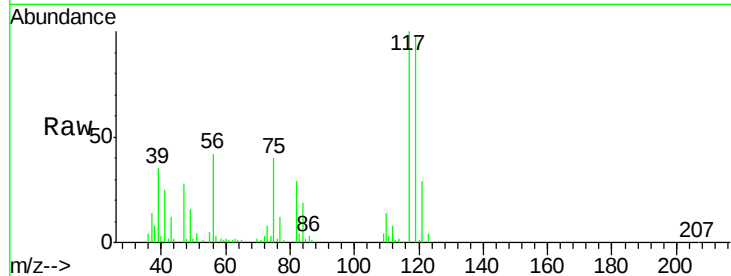
#33
Carbon Tetrachloride
Concen: 17.751 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.4	80.1	120.1
121	28.9	26.2	39.2

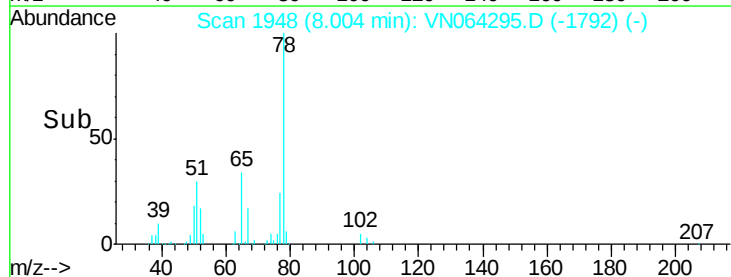
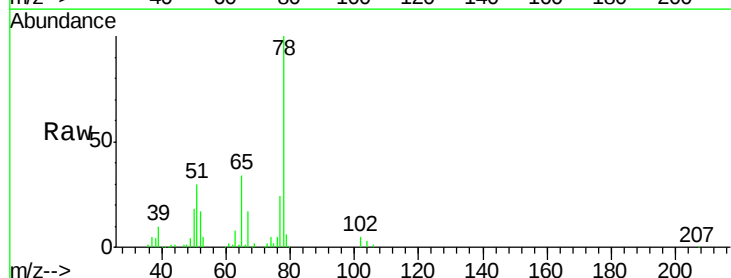
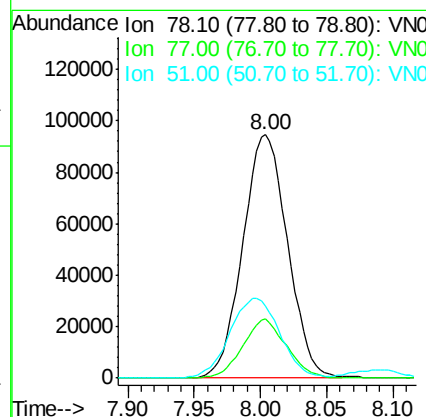
Manual Integrations
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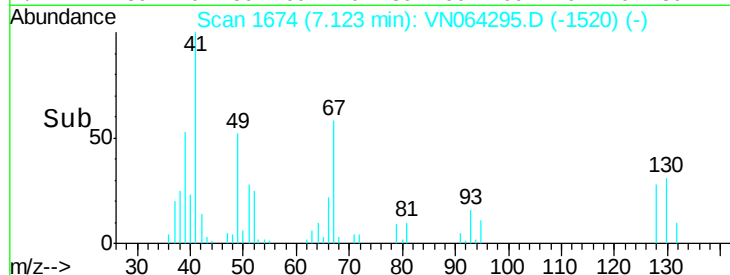
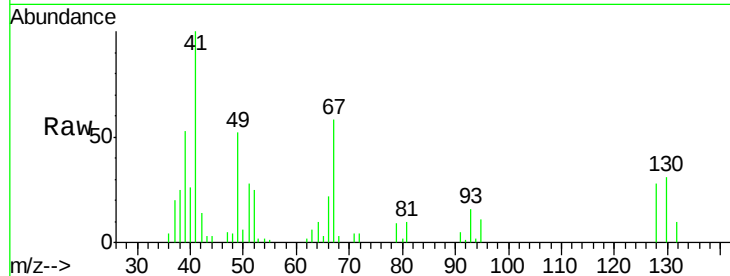
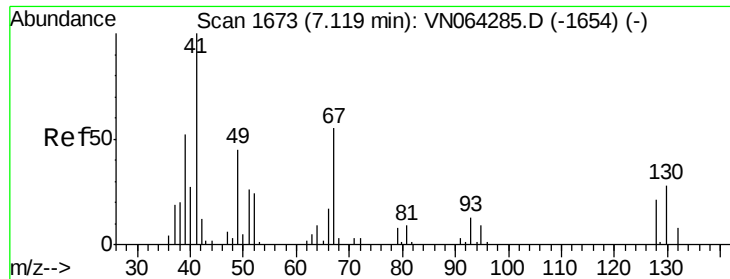
MMDadoda
10/26/2020 1:39:15 PM



#34
Benzene
Concen: 17.929 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8
51	28.9	25.2	37.8





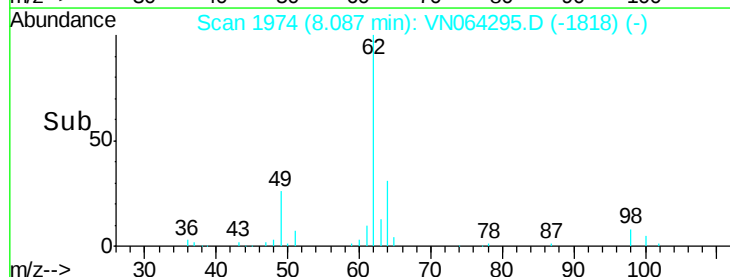
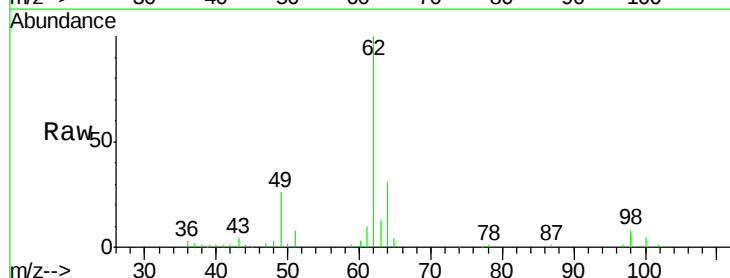
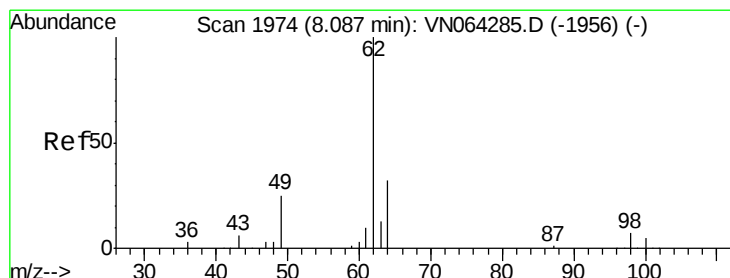
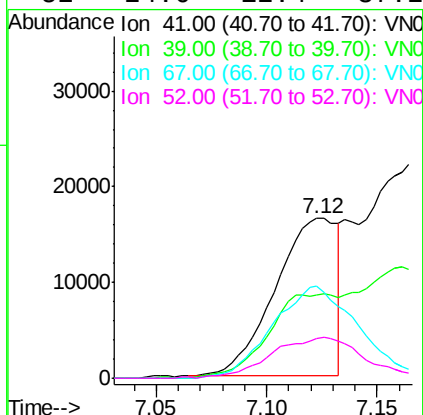
#35
Methacrylonitrile
Concen: 16.057 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tot Ion	41.00	Resp	32241
Ion	Ratio	Lower	Upper
41	100		
39	53.3	28.0	83.9
67	58.5	29.9	89.8
52	24.6	12.4	37.2

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

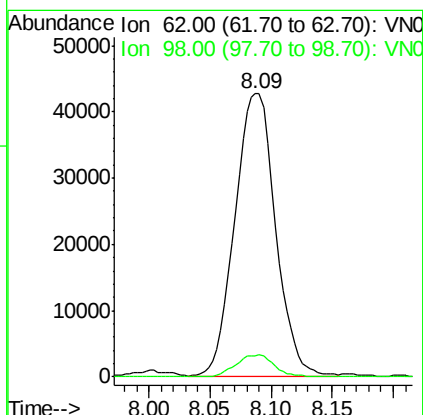
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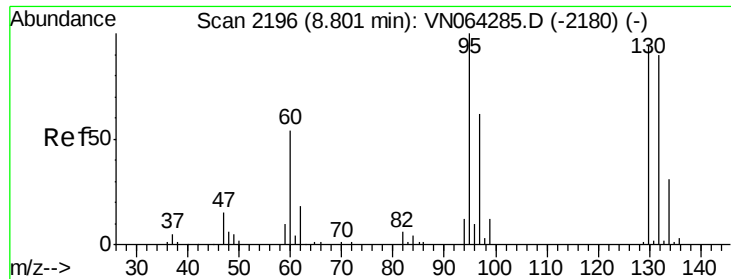
MMDadoda
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#36
1,2-Dichloroethane
Concen: 18.545 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	62.00	Resp	97986
Ion	Ratio	Lower	Upper
62	100		
98	3.5	5.4	8.0#





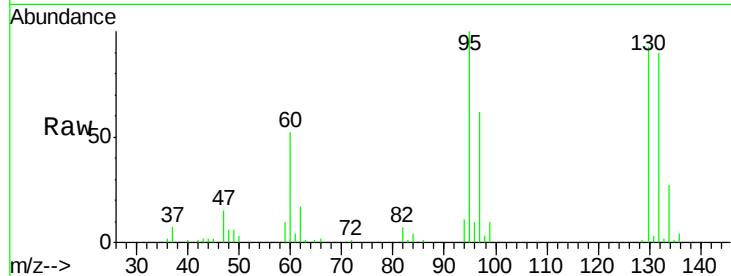
#37
 Trichloroethene
 Concen: 18.262 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBSD01

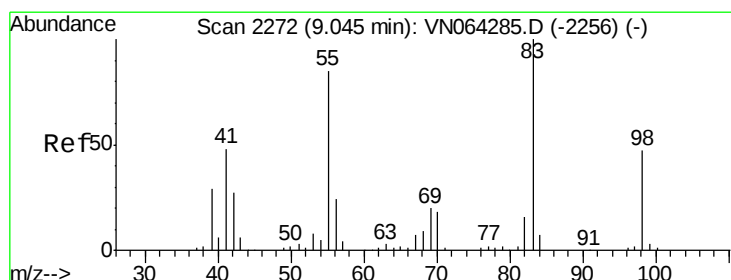
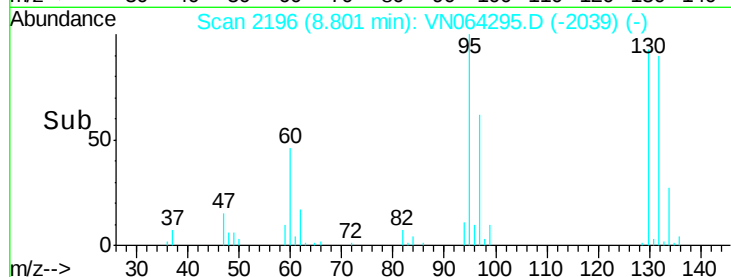
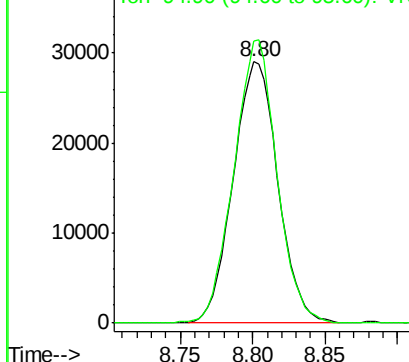
Tot Ion:130 Resp: 62281
 Ion Ratio Lower Upper
 130 100
 95 107.9 81.2 121.8

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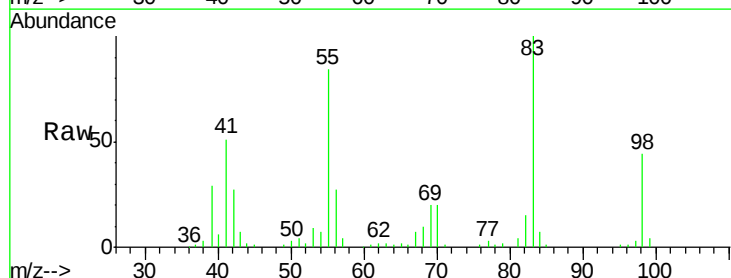


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

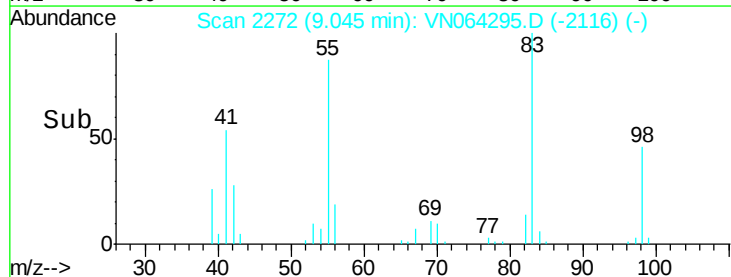
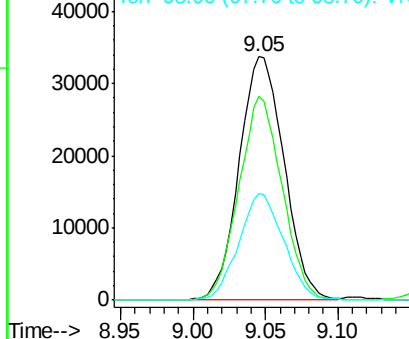


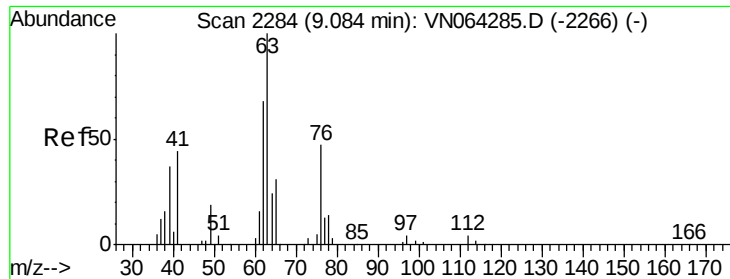
#38
 Methylcyclohexane
 Concen: 17.565 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Tgt Ion: 83 Resp: 72717
 Ion Ratio Lower Upper
 83 100
 55 80.4 40.3 120.9
 98 43.5 25.3 75.8



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 55.00 (54.70 to 55.70): VN
 Ion 98.00 (97.70 to 98.70): VN





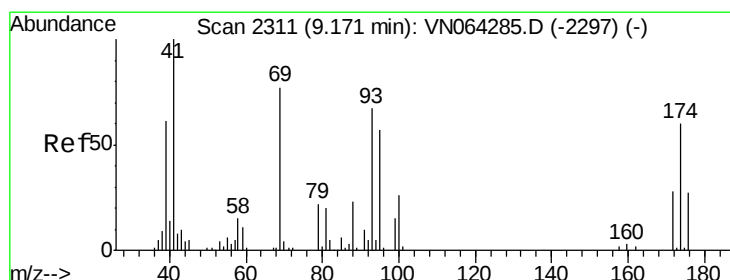
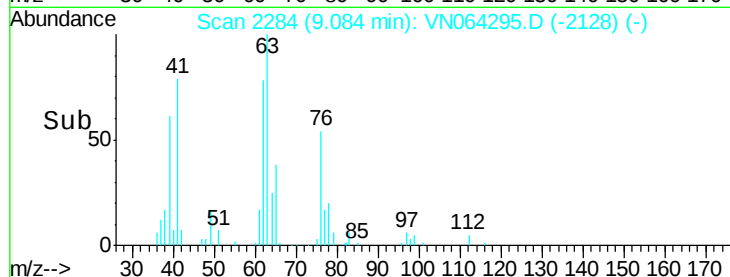
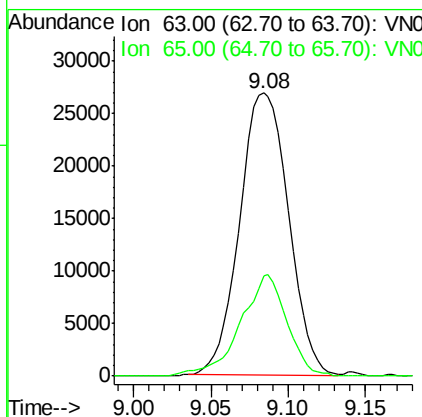
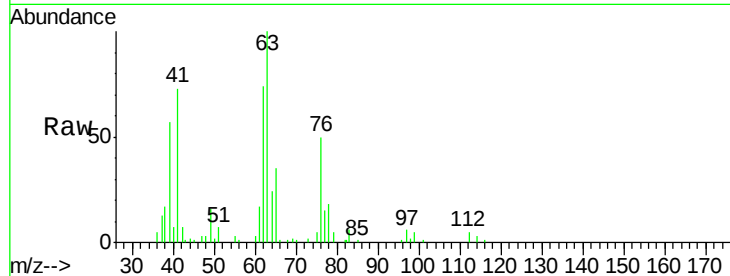
#39
 1,2-Dichloropropane
 Concen: 17.856 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	35.4	26.1	39.1

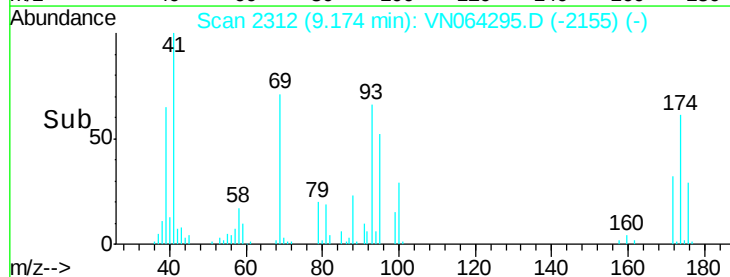
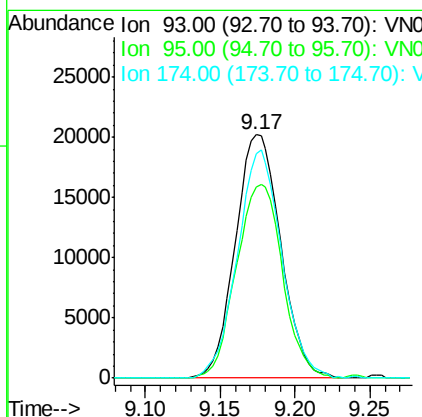
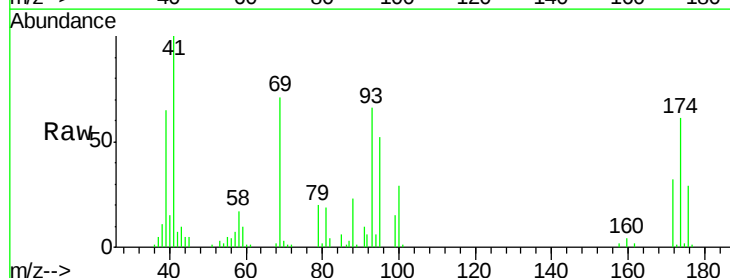
Manual Integrations
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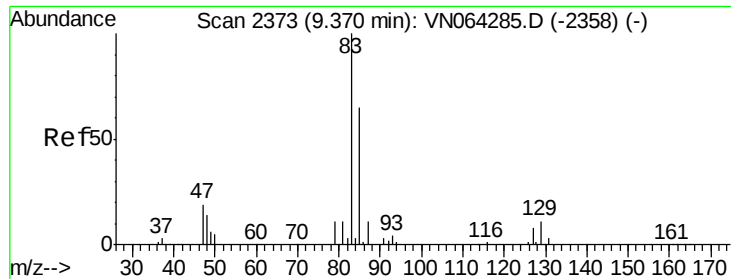
MMDadoda
 10/26/2020 1:39:15 PM



#40
 Dibromomethane
 Concen: 18.440 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.8	0.0	156.6
174	91.3	0.0	168.8





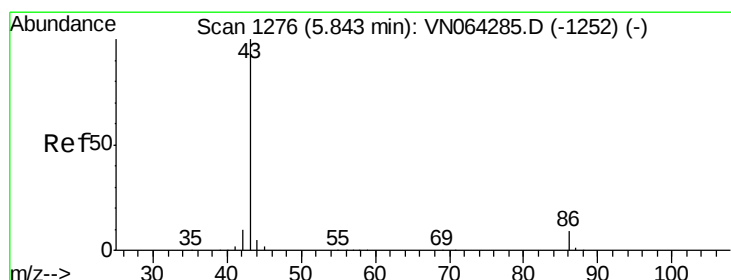
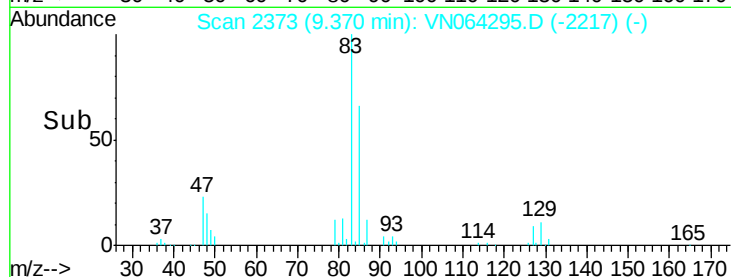
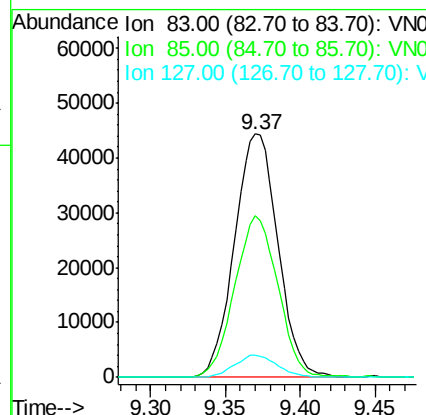
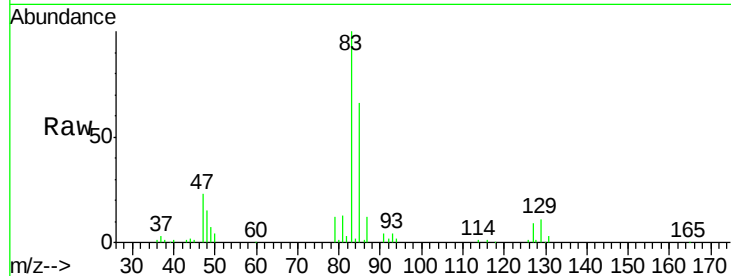
#41
Bromodichloromethane
Concen: 17.825 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	83	Resp	89600
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	57.8	86.6
127	9.7	7.0	10.4

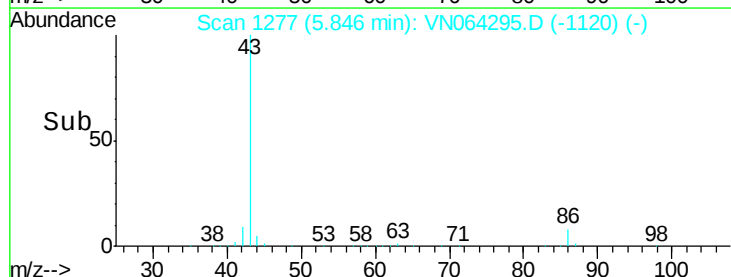
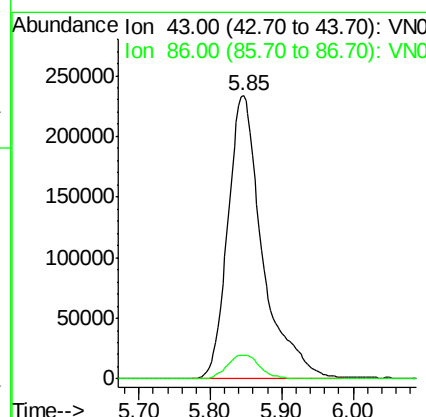
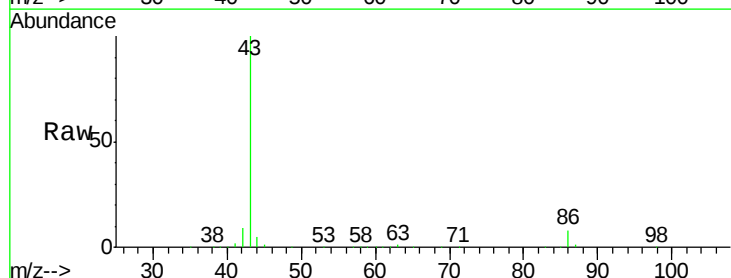
Manual Integrations
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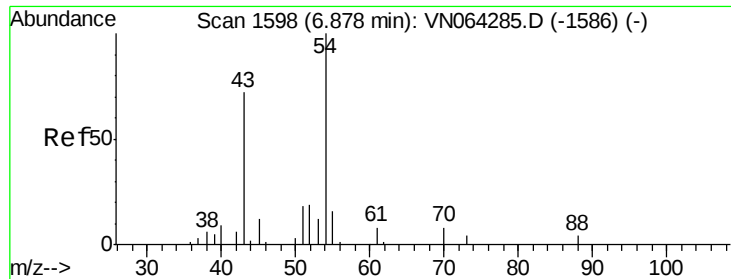
MMDadoda
10/26/2020 1:39:15 PM



#42
Vinyl Acetate
Concen: 89.947 ug/l
RT: 5.85 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	43	Resp	790098
Ion Ratio	100	Lower	Upper
43	100		
86	7.8	6.6	9.8





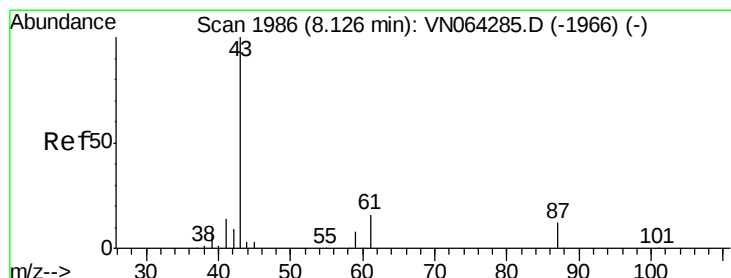
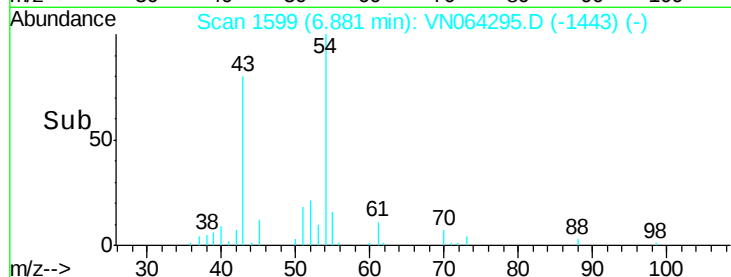
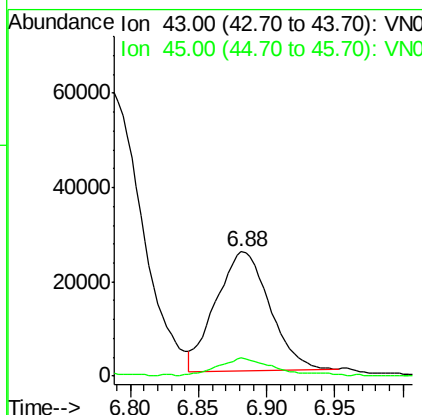
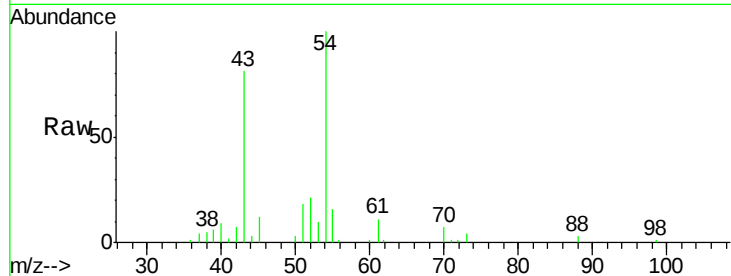
#43
Ethyl Acetate
Concen: 16.357 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion: 43 Resp: 68963
Ion Ratio Lower Upper
43 100
45 13.4 8.2 12.4#

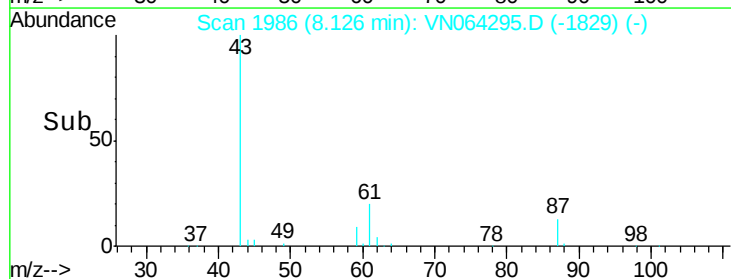
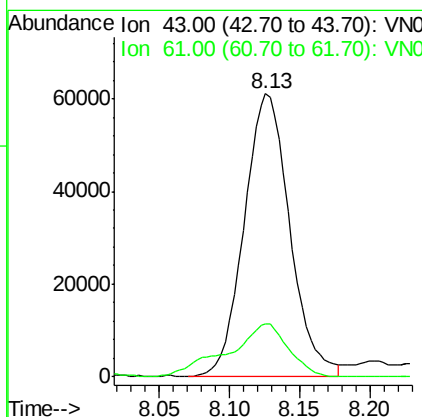
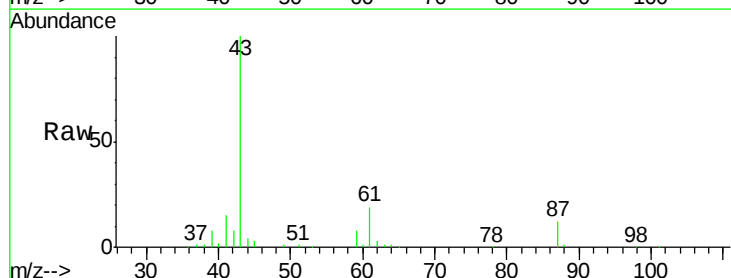
Manual Integrations
APPROVED

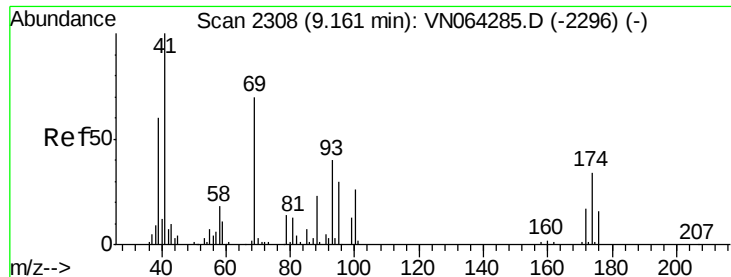
MMDadoda
10/26/2020 1:39:15 PM



#44
Isopropyl Acetate
Concen: 18.319 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion: 43 Resp: 138527
Ion Ratio Lower Upper
43 100
61 23.9 19.9 29.9





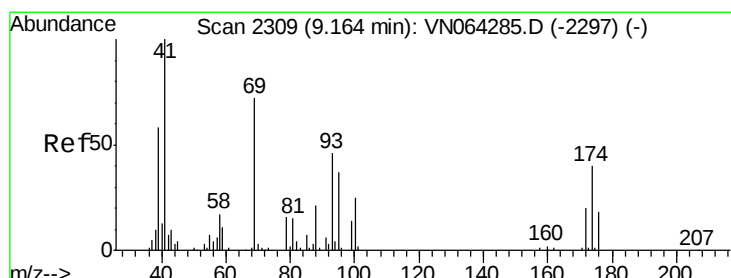
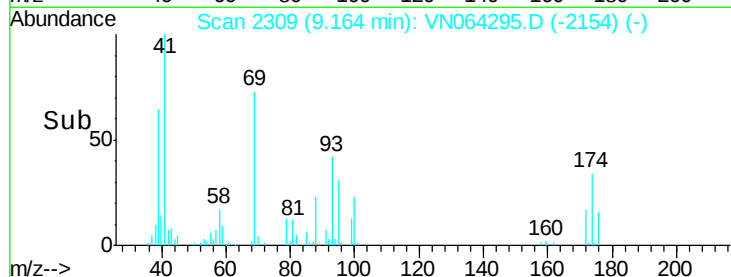
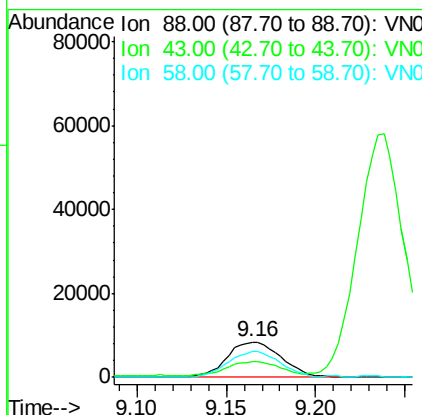
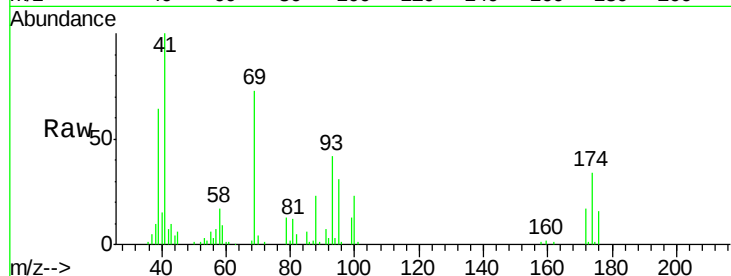
#45
1,4-Dioxane
Concen: 388.588 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.1	34.7	52.1
58	69.7	65.8	98.6

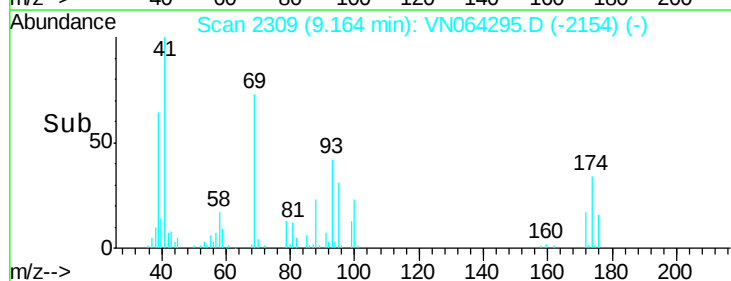
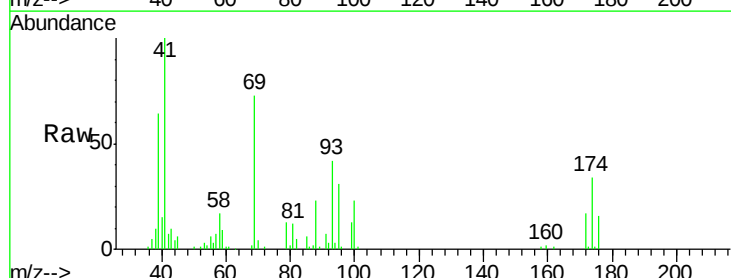
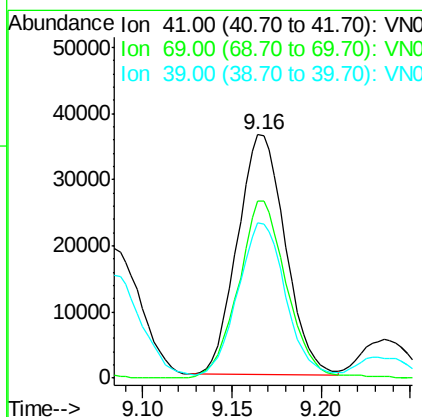
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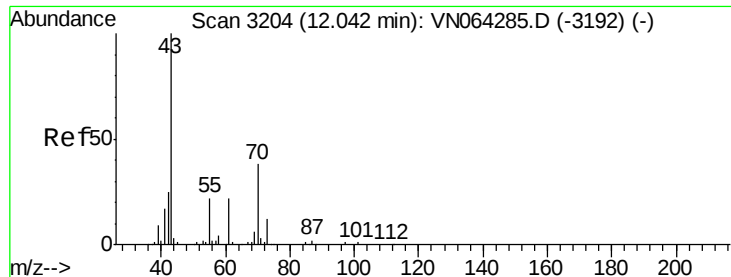
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#46
Methyl methacrylate
Concen: 18.661 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.7	32.6	97.7
39	62.9	31.1	93.3





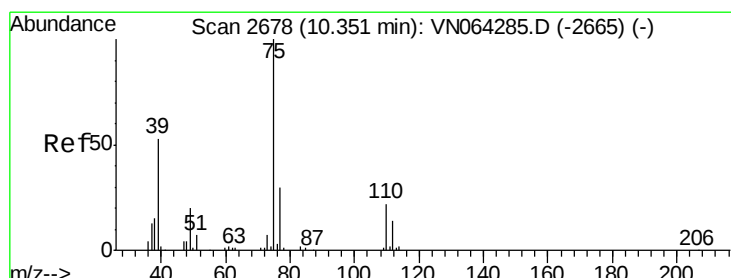
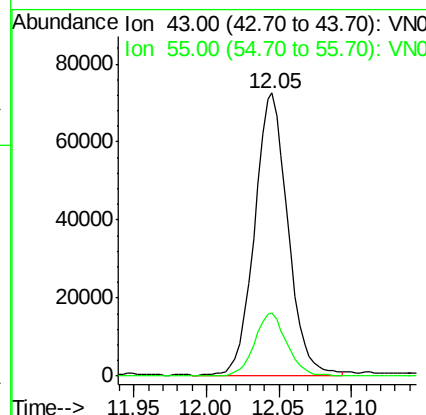
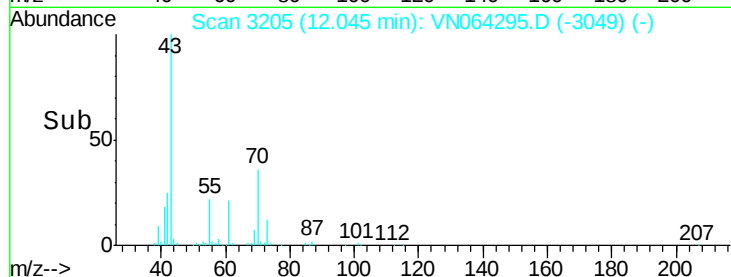
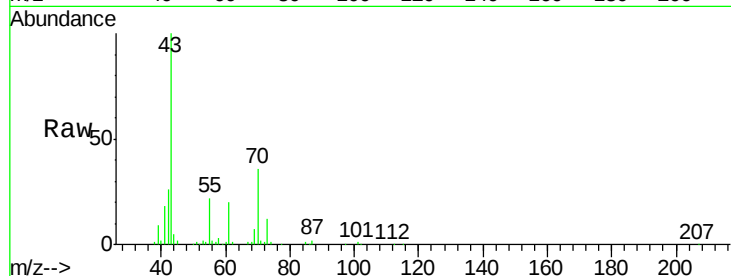
#47
n-amvl Acetate
Concen: 17.675 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion: 43 Resp: 115320
Ion Ratio Lower Upper
43 100
55 21.6 18.2 27.2

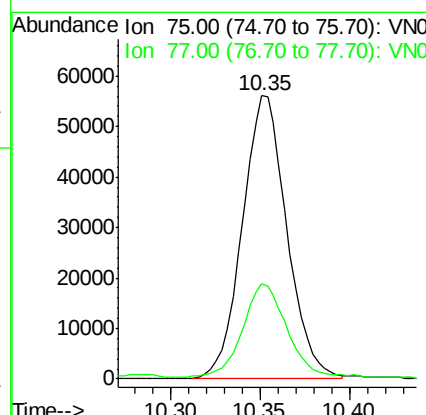
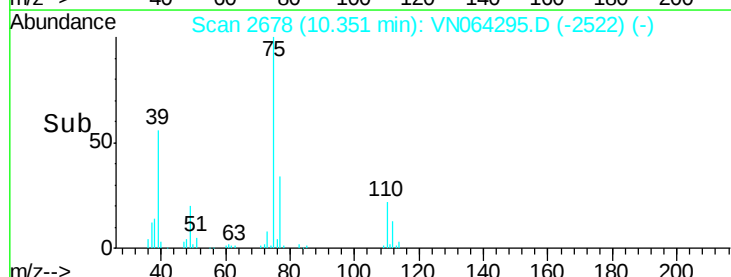
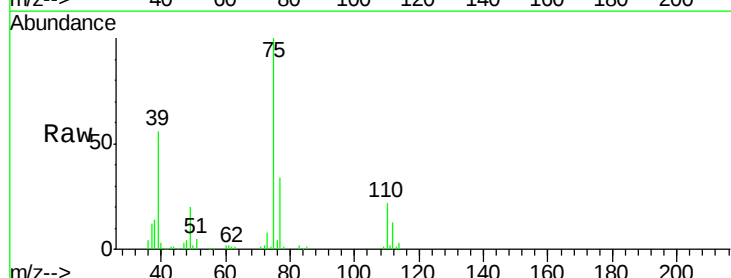
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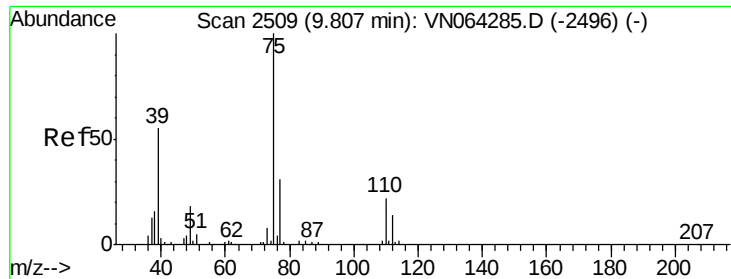
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#48
t-1,3-Dichloropropene
Concen: 17.413 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion: 75 Resp: 97713
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0





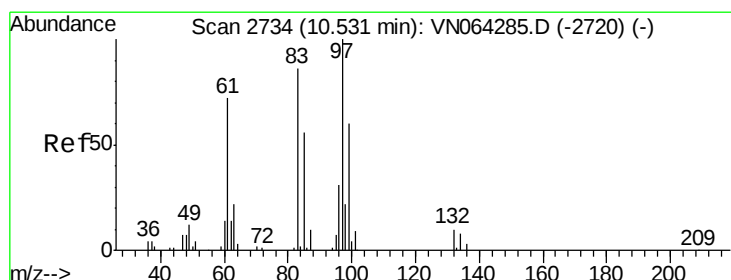
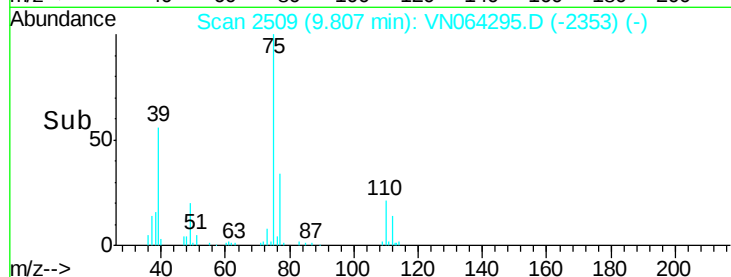
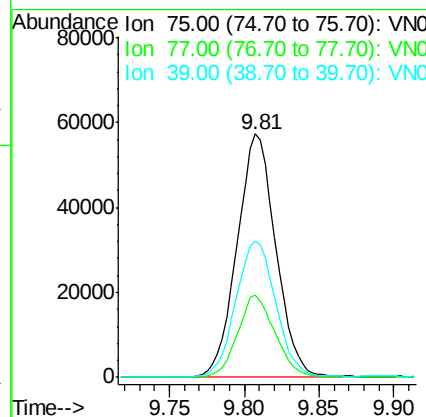
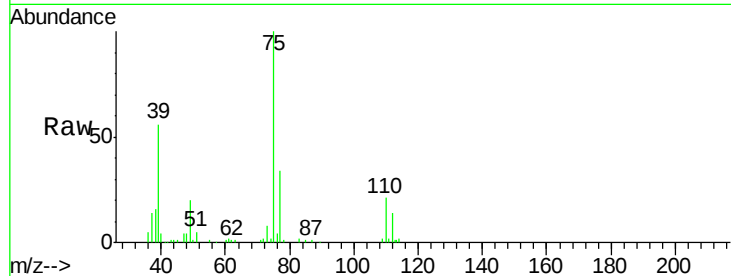
#49
 cis-1,3-Dichloropropene
 Concen: 17.756 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.6	23.7	35.5
39	56.0	46.9	70.3

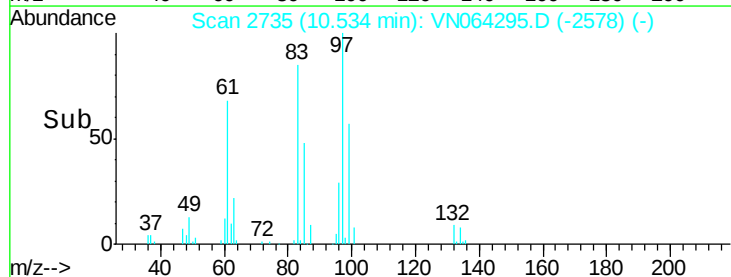
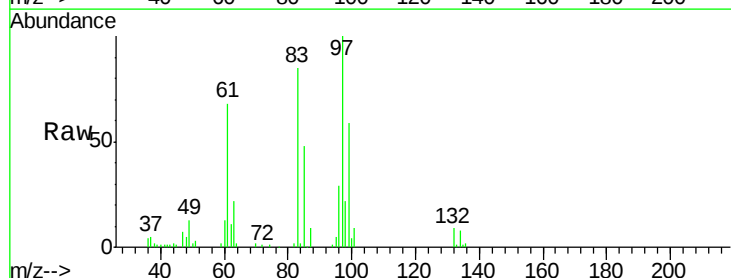
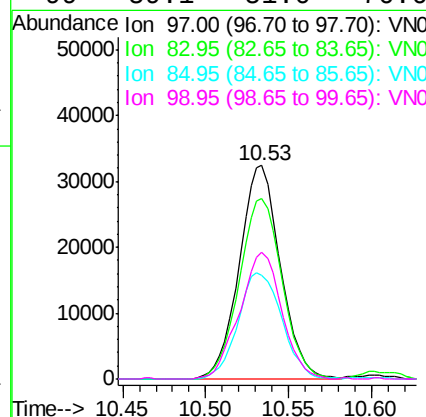
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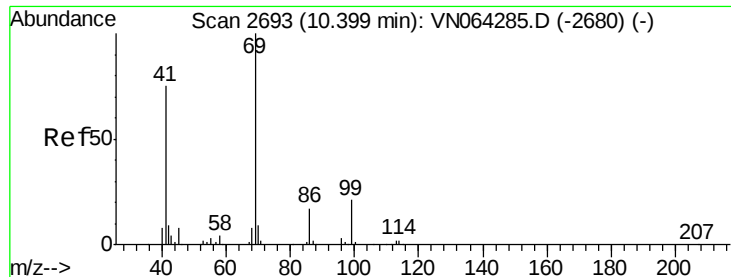
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#50
 1,1,2-Trichloroethane
 Concen: 18.307 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.9	103.3
85	48.4	37.8	56.8
99	59.1	51.0	76.6





#51

Ethyl methacrylate

Concen: 17.821 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

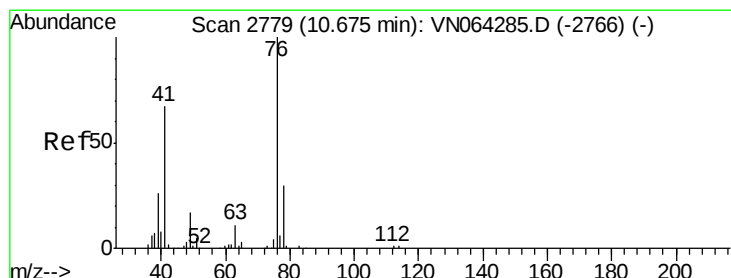
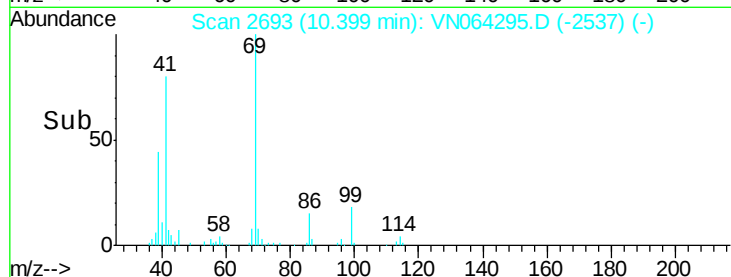
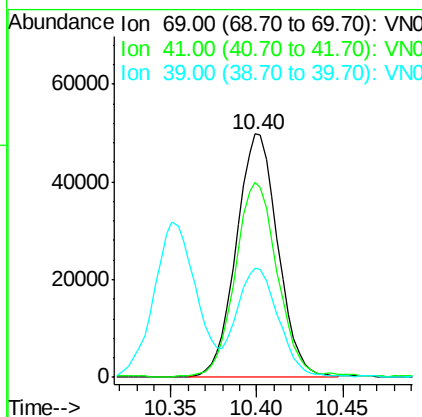
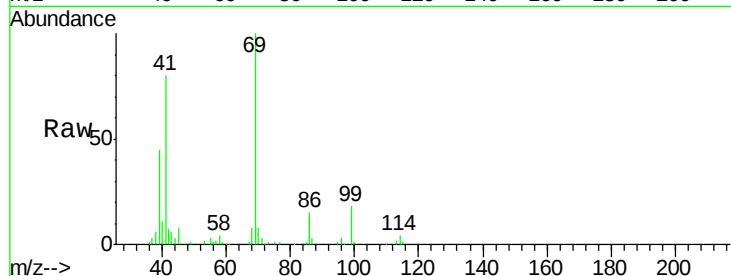
ClientSampleId :

VN1023WBSD01

Tot Ion:	69	Resp:	83692
Ion	Ratio	Lower	Upper
69	100		
41	79.5	43.6	130.9
39	44.2	25.8	77.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.407 ug/l

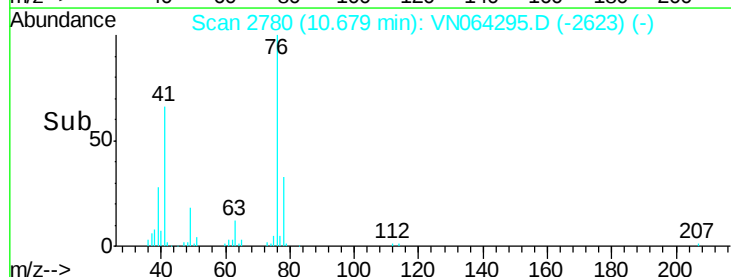
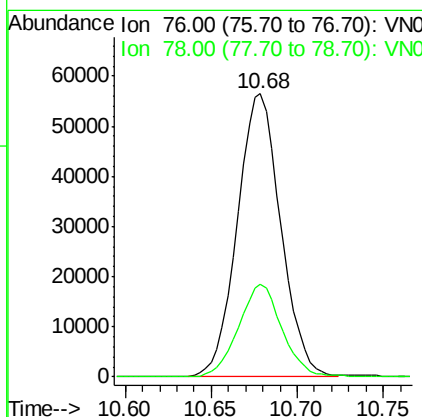
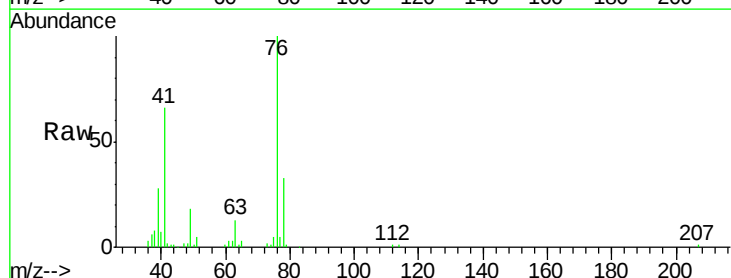
RT: 10.68 min Scan# 2780

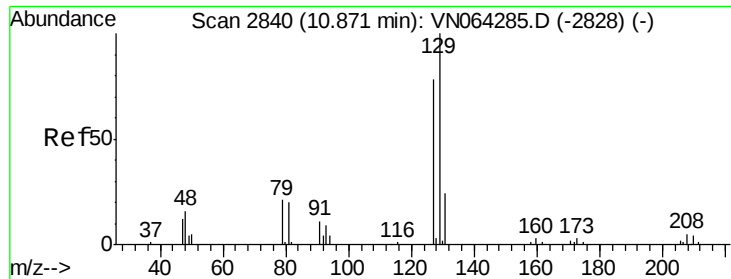
Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Tgt Ion:	76	Resp:	99373
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	64.6





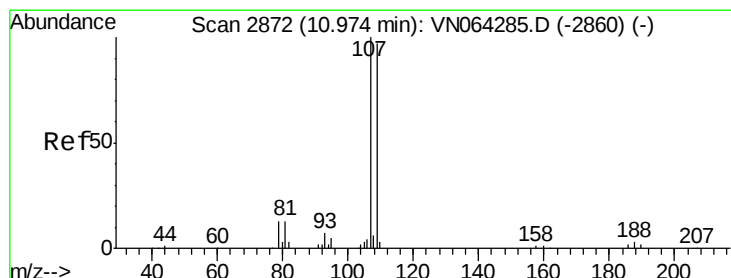
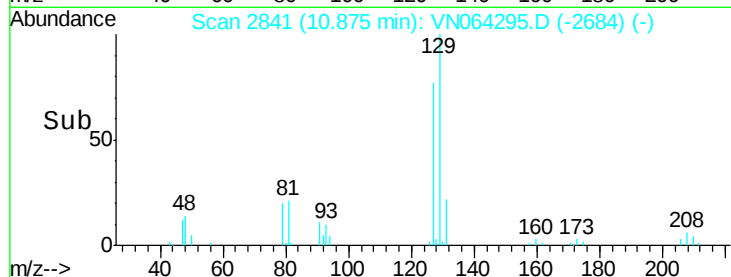
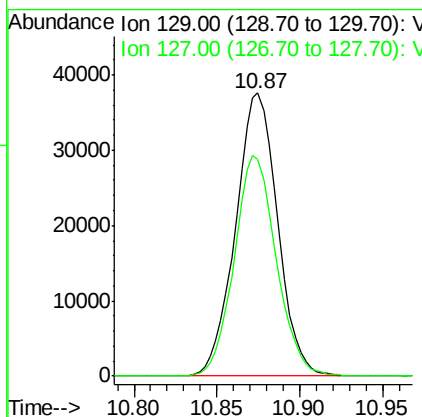
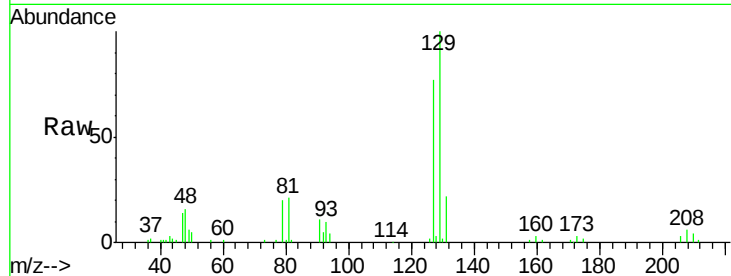
#53
Dibromochloromethane
Concen: 17.410 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion:129 Resp: 66414
Ion Ratio Lower Upper
129 100
127 77.6 42.4 127.2

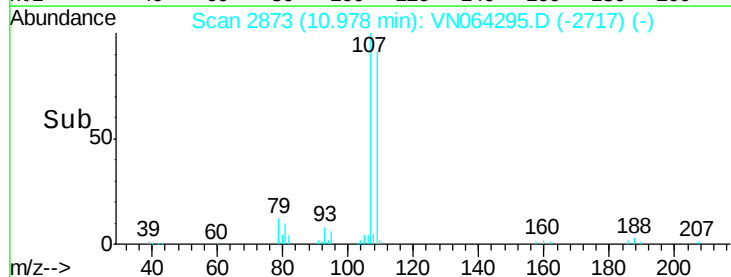
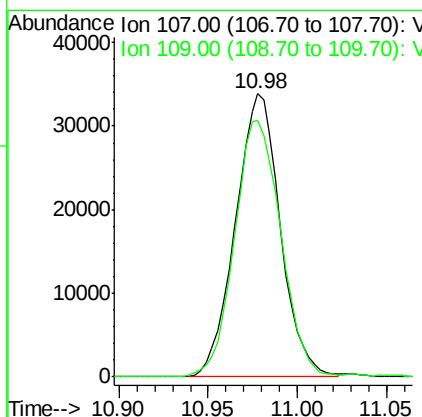
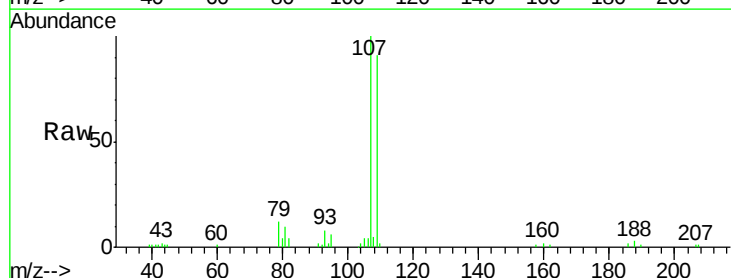
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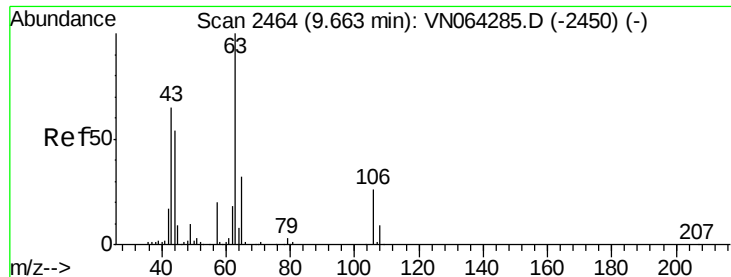
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#54
1,2-Dibromoethane
Concen: 18.125 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion:107 Resp: 59135
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 96.651 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBSD01

Tot Ion: 63 Resp: 220533

Ion Ratio Lower Upper

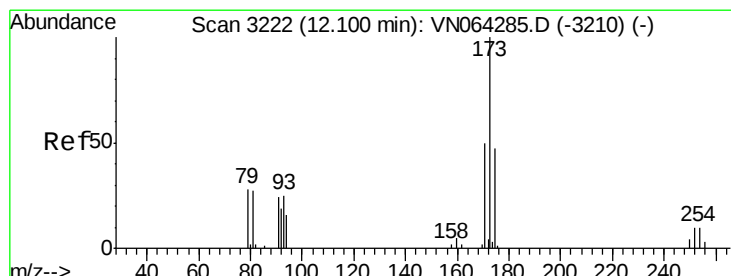
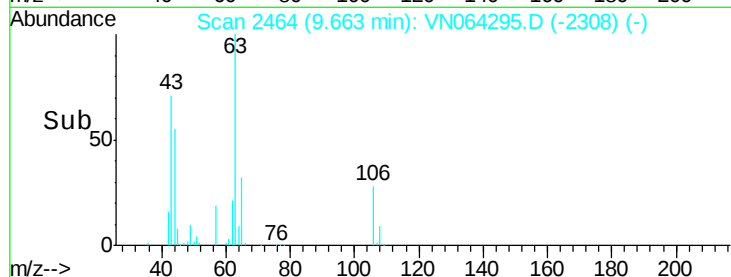
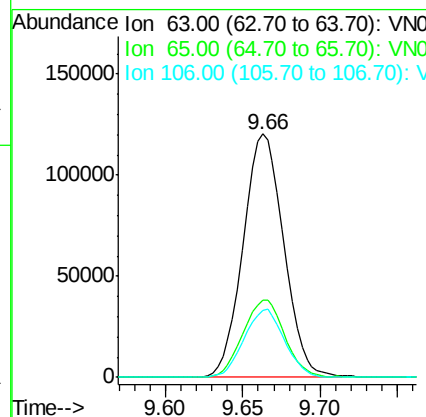
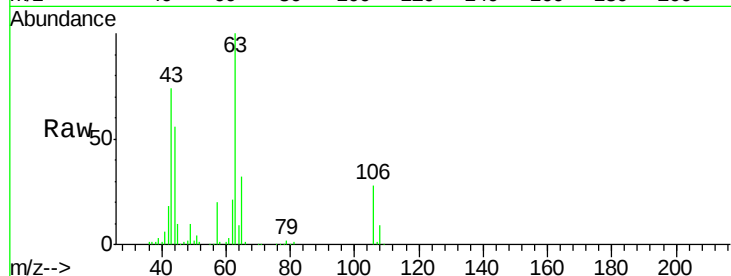
63 100

65 32.5 25.2 37.8

106 27.7 20.6 31.0

Manual Integrations
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#56

Bromoform

Concen: 16.988 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

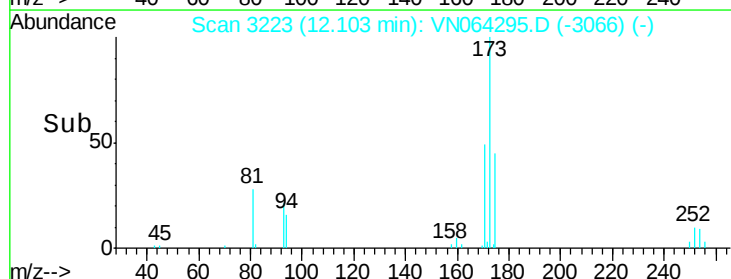
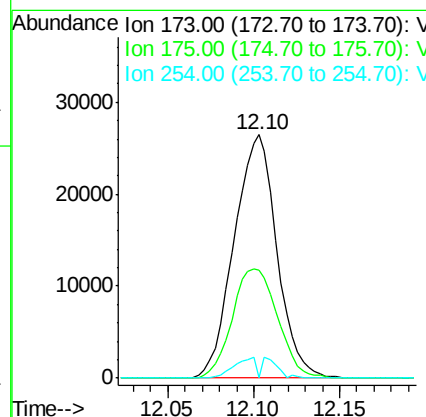
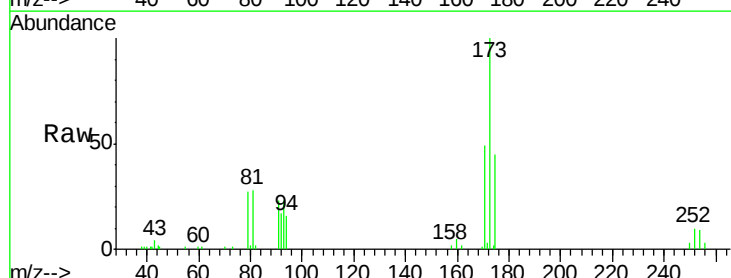
Tgt Ion: 173 Resp: 45818

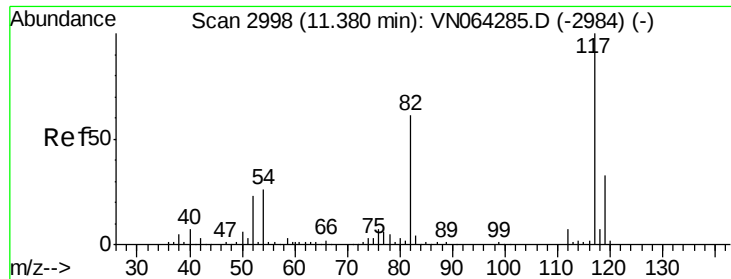
Ion Ratio Lower Upper

173 100

175 0.0 39.5 59.3#

254 2.8 5.0 7.4#





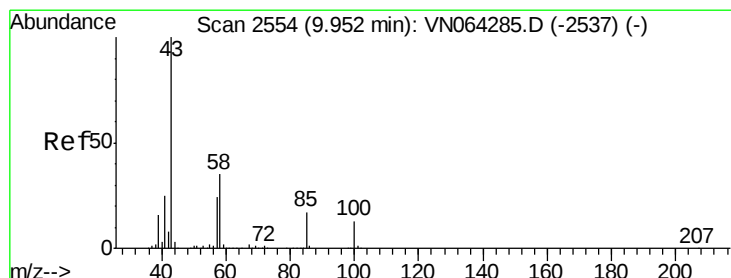
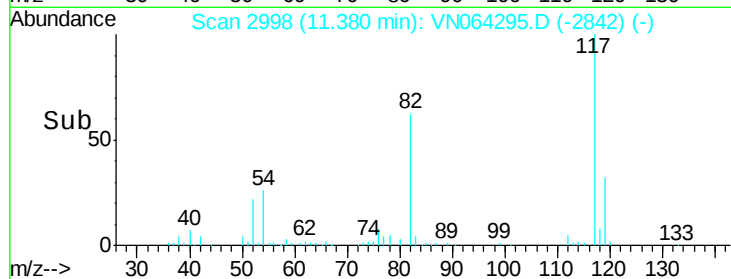
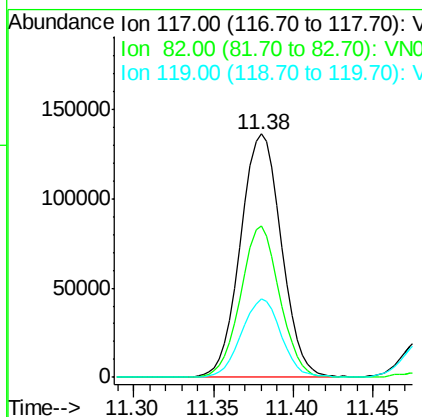
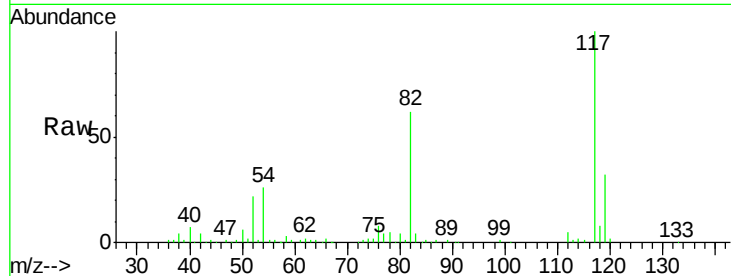
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	238246		
82	59.5	47.0	70.6	
119	31.2	24.6	37.0	

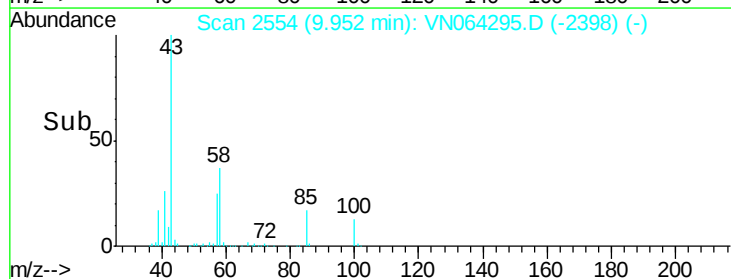
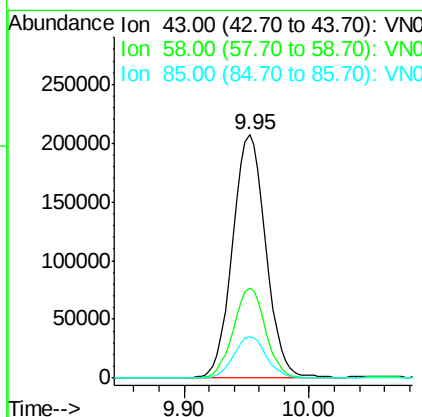
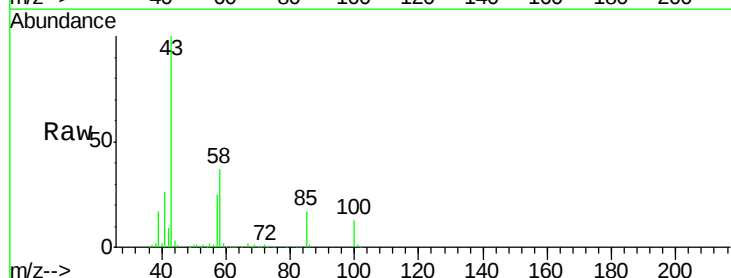
Manual Integrations
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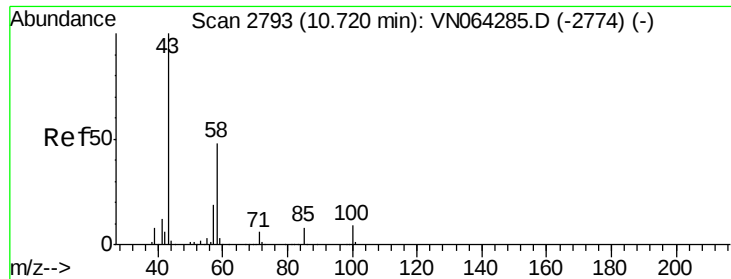
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 92.327 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	379106		
58	36.1	28.6	43.0	
85	16.8	13.7	20.5	





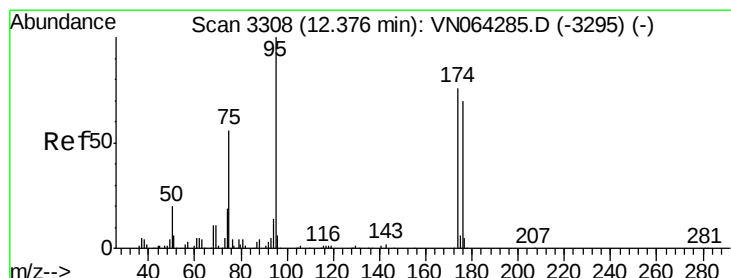
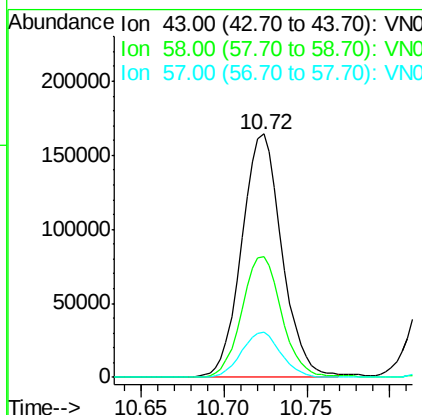
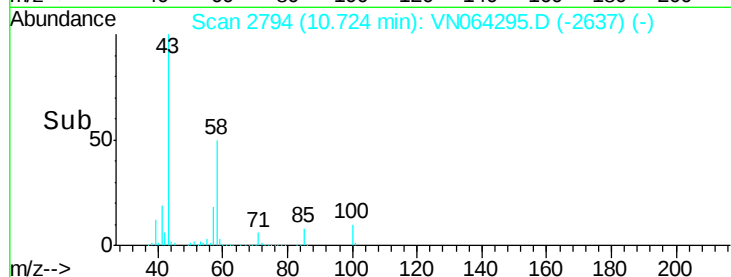
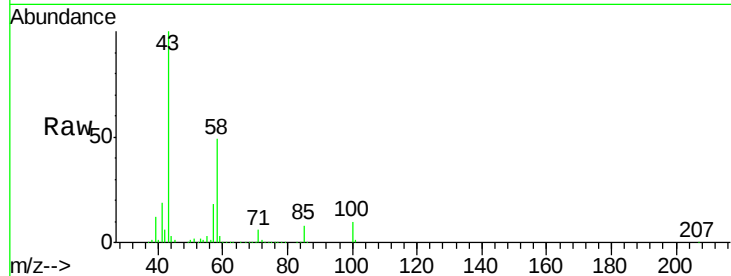
#59
2-Hexanone
Concen: 88.165 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.0	40.5	60.7
57	18.7	15.4	23.0

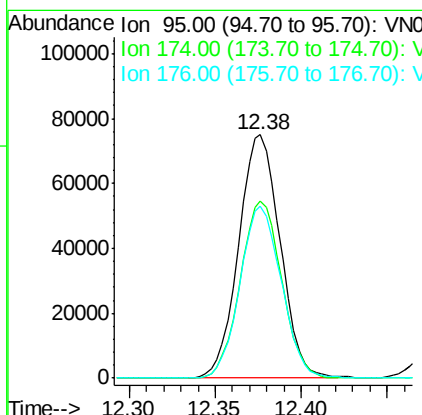
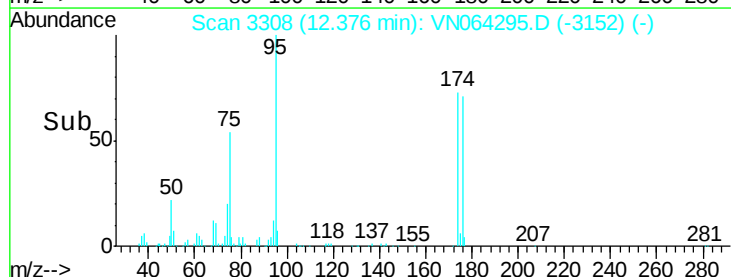
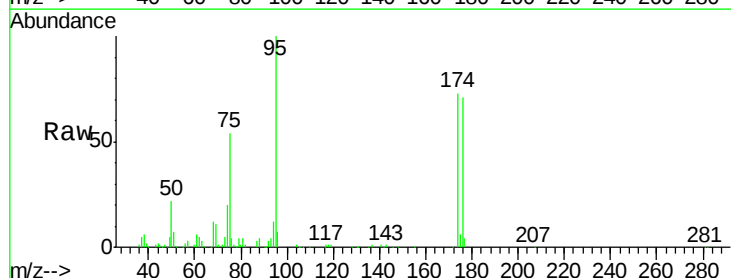
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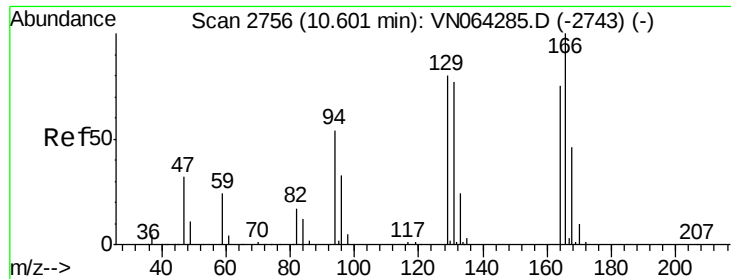
MMDadoda
10/26/2020 1:39:15 PM



#60
4-Bromofluorobenzene
Concen: 29.703 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	57.9	86.9
176	70.4	56.7	85.1





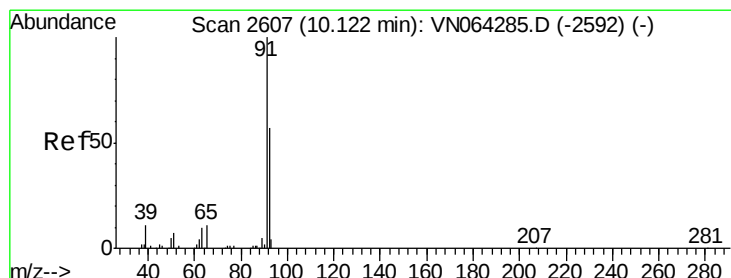
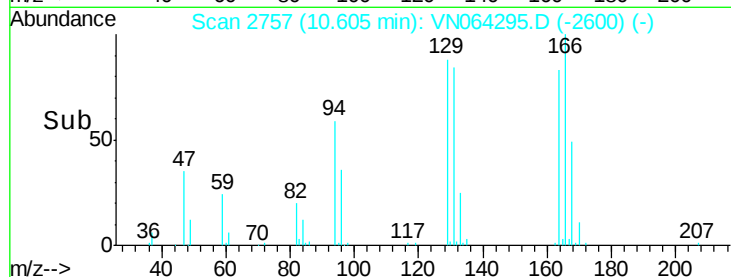
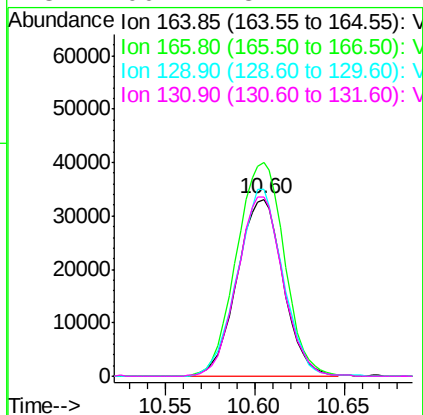
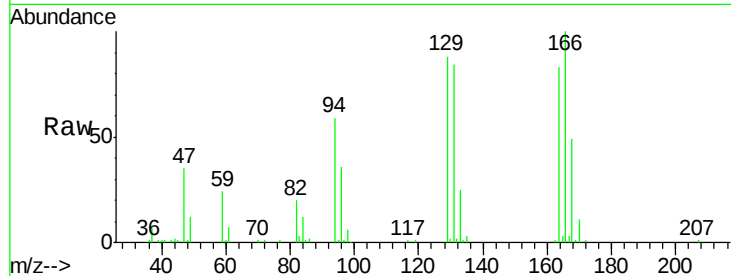
#61
Tetrachloroethene
Concen: 17.952 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	120.7	107.4	161.0
129	105.7	84.3	126.5
131	100.7	81.1	121.7

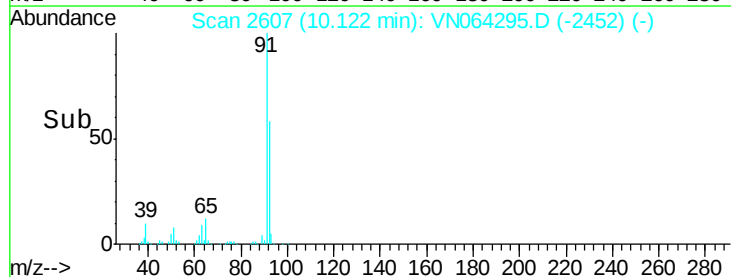
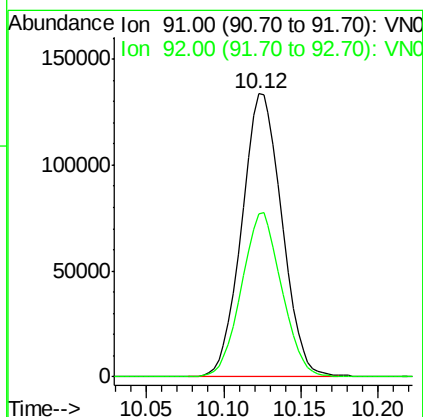
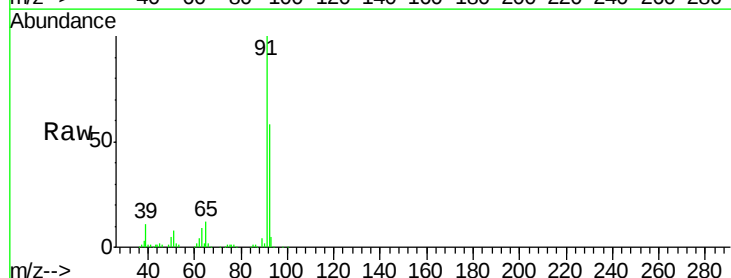
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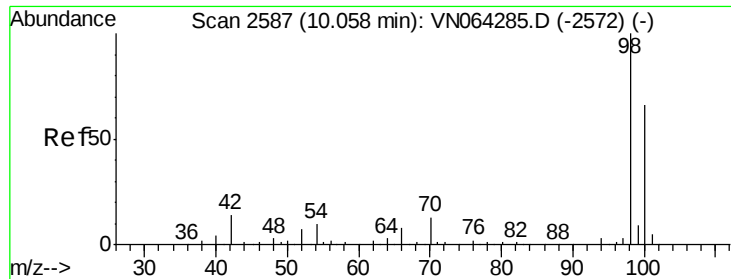
MMDadoda
10/26/2020 1:39:15 PM



#62
Toluene
Concen: 17.640 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.0	46.4	69.6





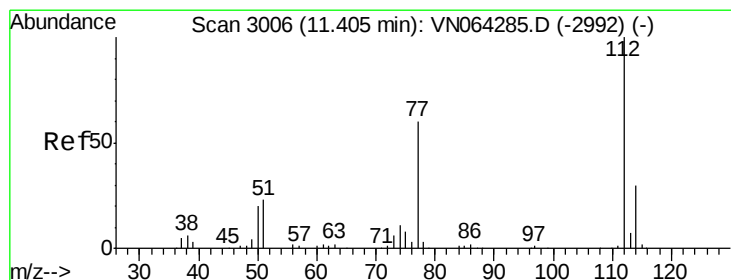
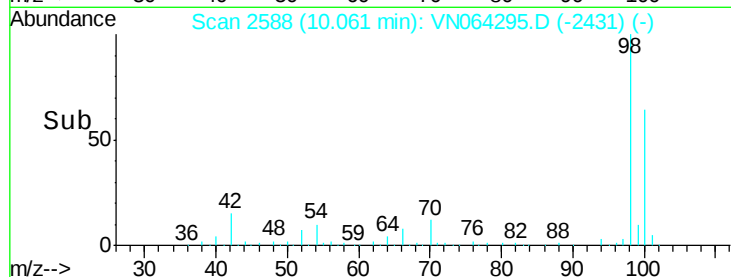
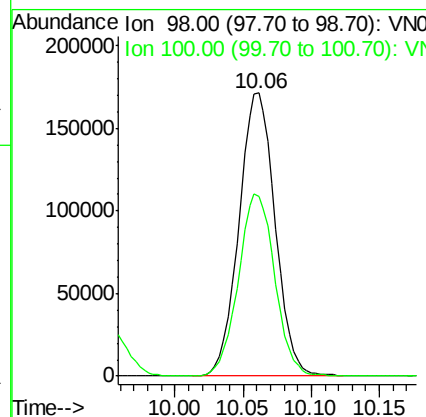
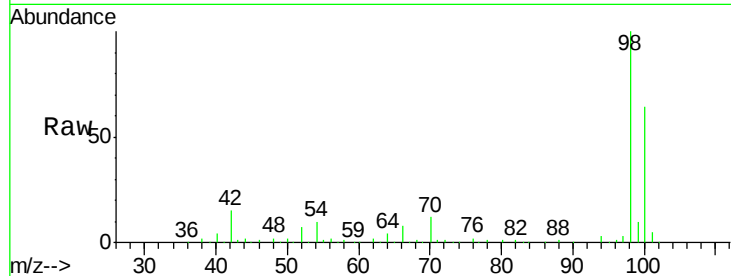
#63
Toluene-d8
Concen: 29.623 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion: 98 Resp: 315447
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

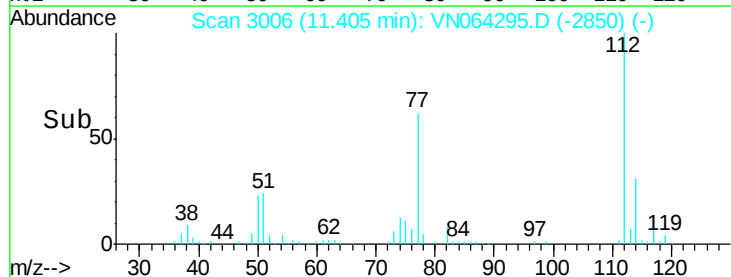
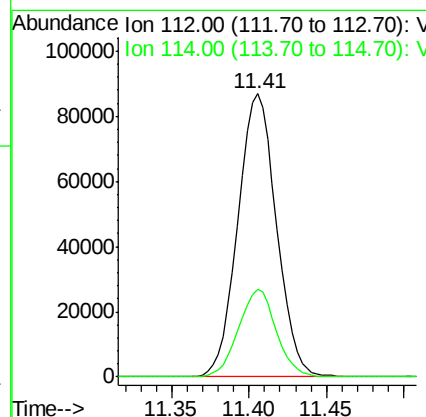
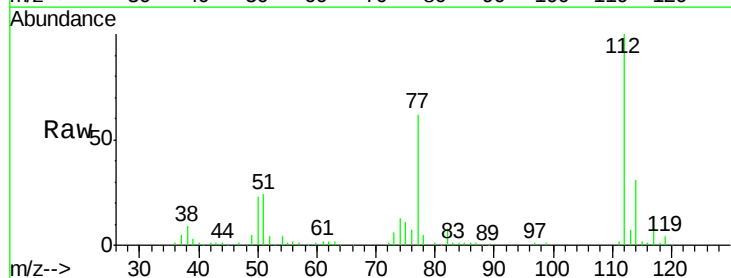
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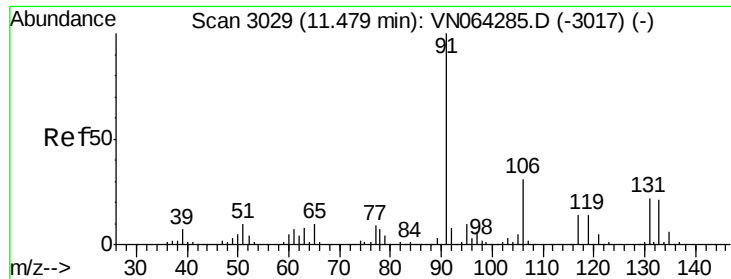
MMDadoda
10/26/2020 1:39:15 PM



#64
Chlorobenzene
Concen: 17.696 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion: 112 Resp: 150552
Ion Ratio Lower Upper
112 100
114 31.1 26.5 39.7





#65

1,1,1,2-Tetrachloroethane

Concen: 18.242 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

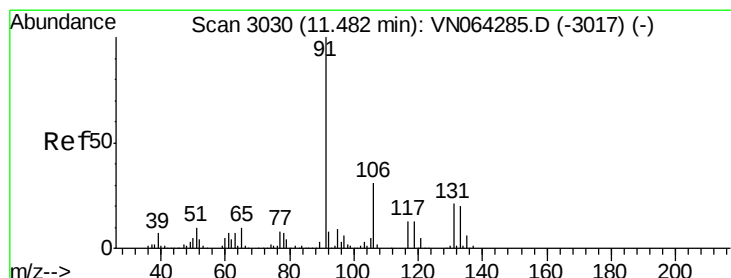
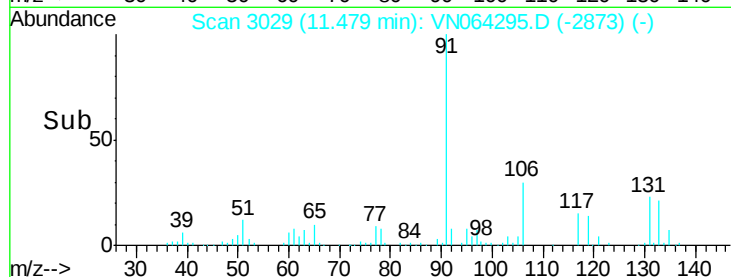
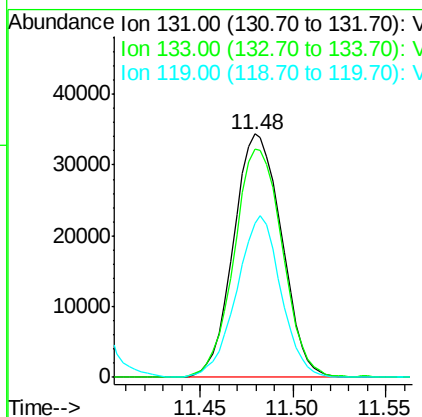
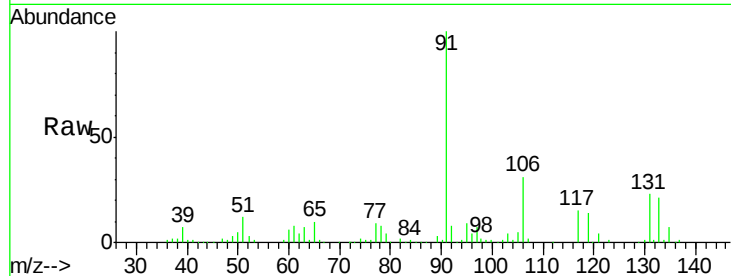
ClientSampleId :

VN1023WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
131	100		61993		
133	94.0	0.0	193.4		
119	60.8	0.0	125.2		

Manual Integrations
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#66

Ethyl Benzene

Concen: 17.704 ug/l

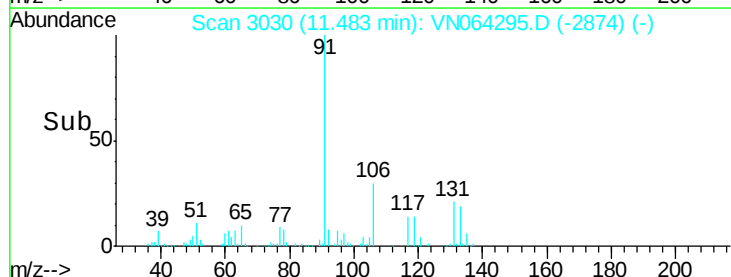
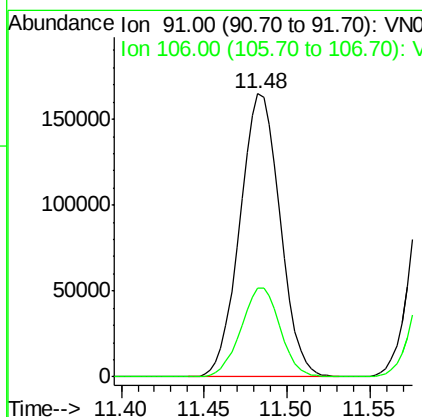
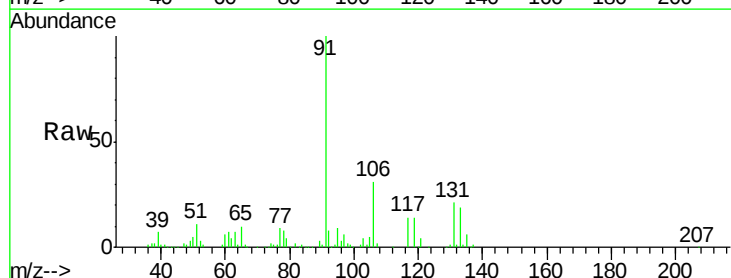
RT: 11.48 min Scan# 3030

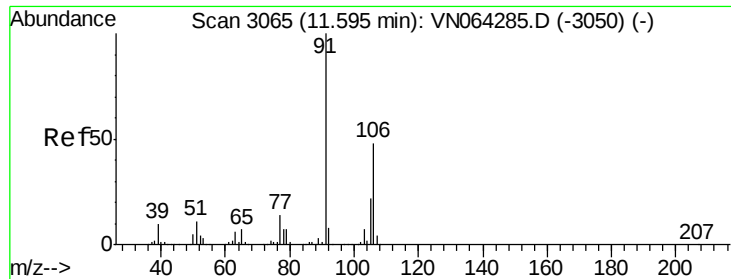
Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		278375		
106	31.2	23.8	35.6		





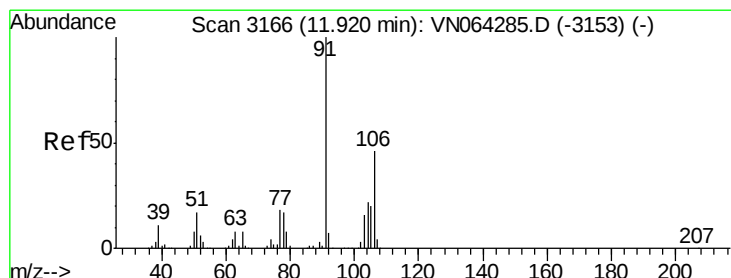
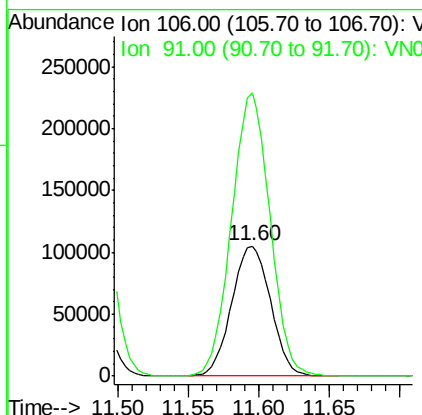
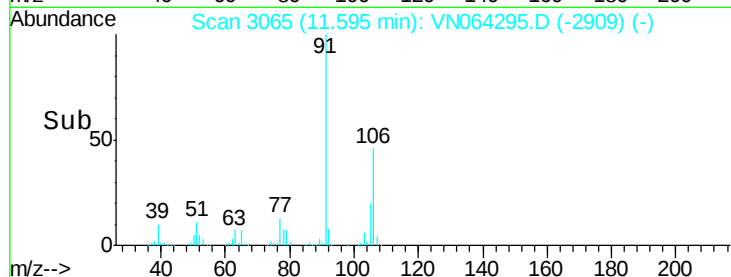
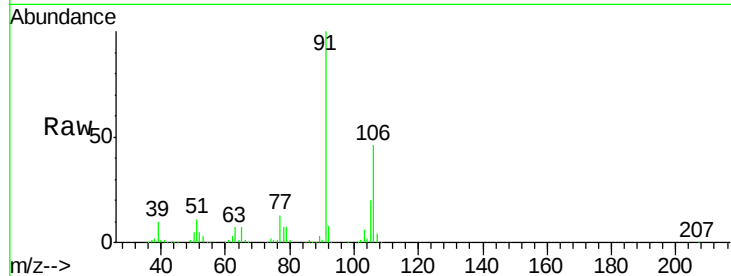
#67
m/p-Xvlenes
Concen: 34.985 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	214.2		170.6	255.8	

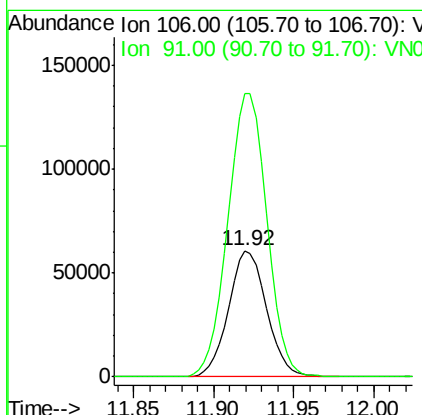
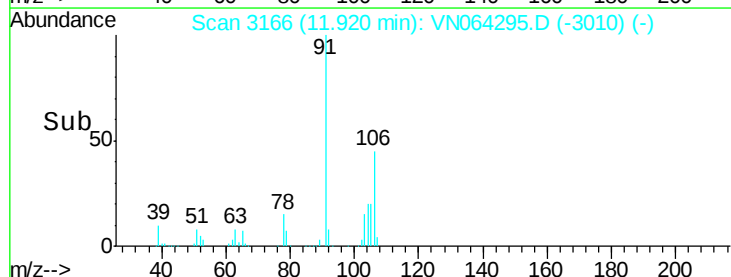
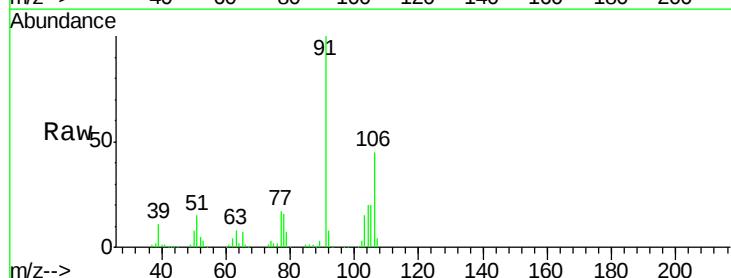
Manual Integrations
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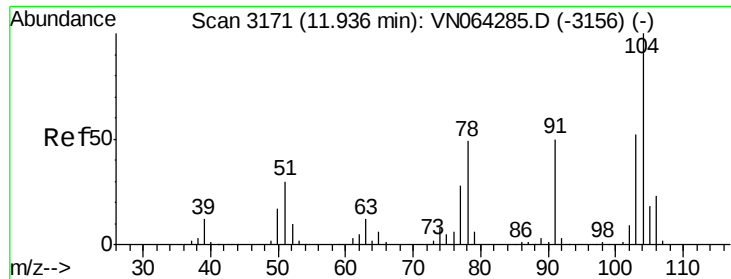
MMDadoda
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#68
o-Xylene
Concen: 17.425 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	229.5		115.3	346.0	





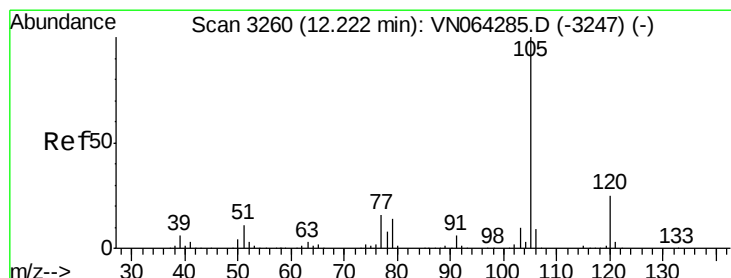
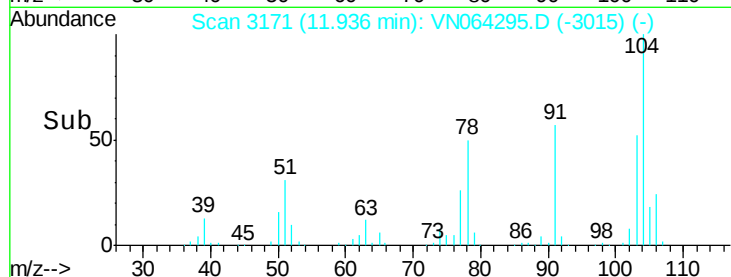
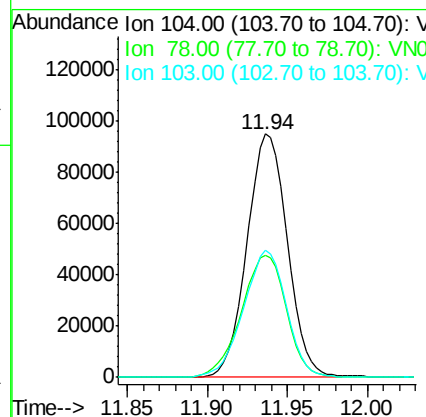
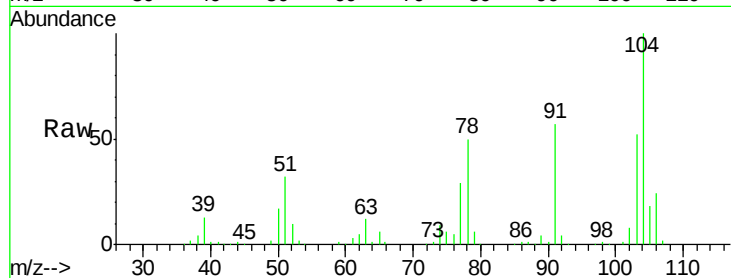
#69
Stvrene
Concen: 17.417 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.9	45.4	68.2
103	55.4	44.6	67.0

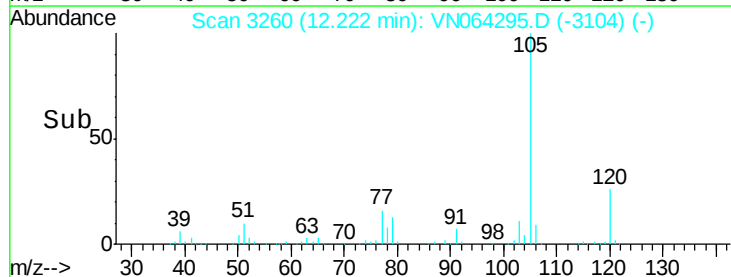
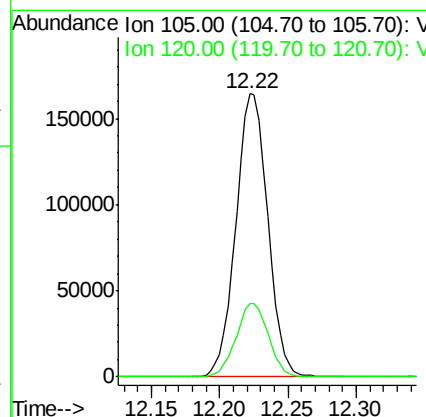
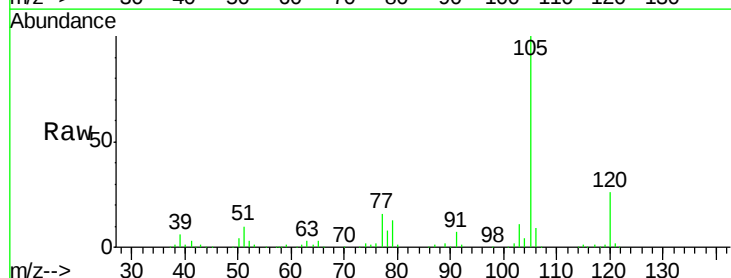
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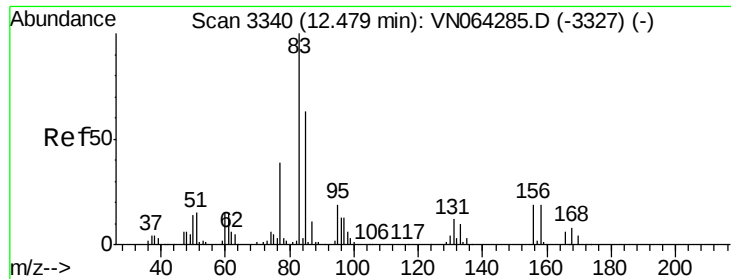
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#70
Isopropylbenzene
Concen: 17.839 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	18.6	34.5





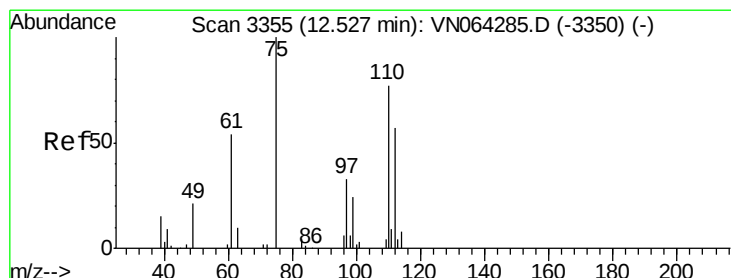
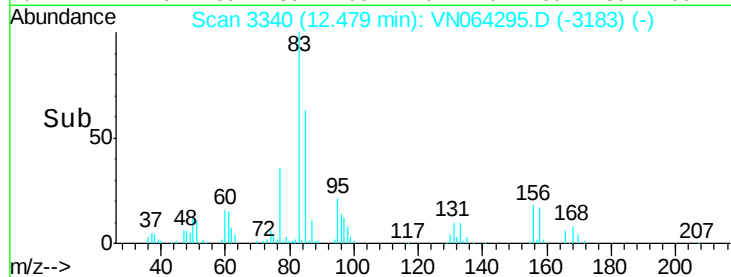
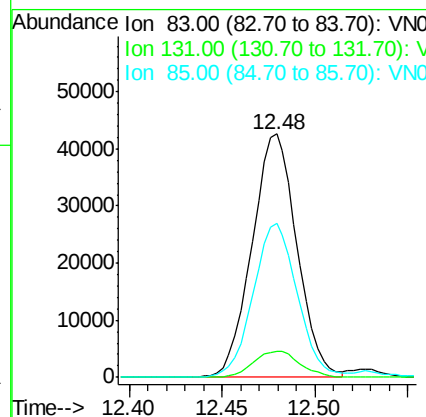
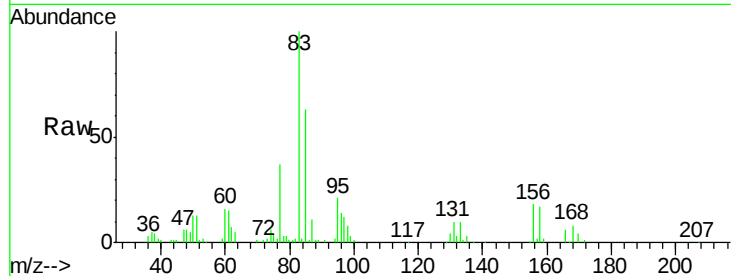
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.942 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBSD01

Tot Ion	83	Resp	72044
Ion Ratio	100	Lower	Upper
83	100		
131	11.1	5.7	17.0
85	62.3	33.3	99.8

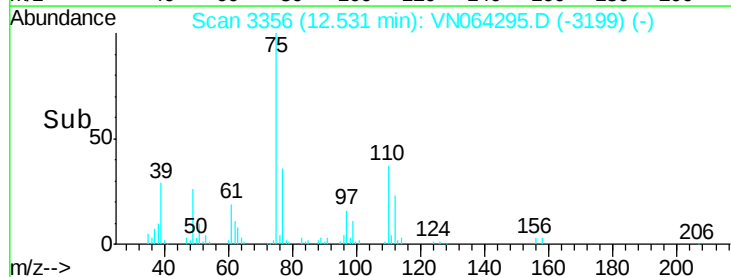
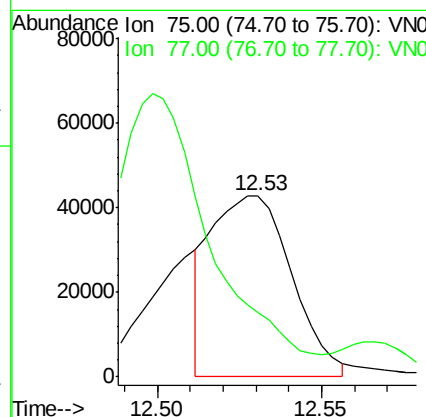
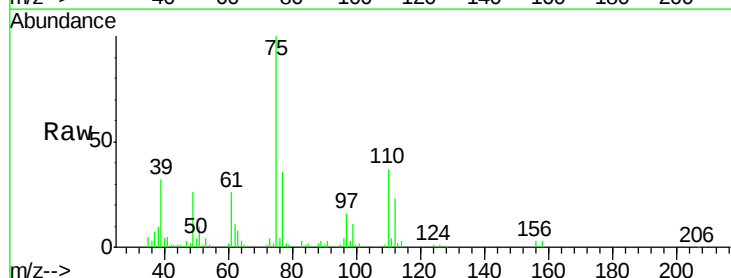
Manual Integrations
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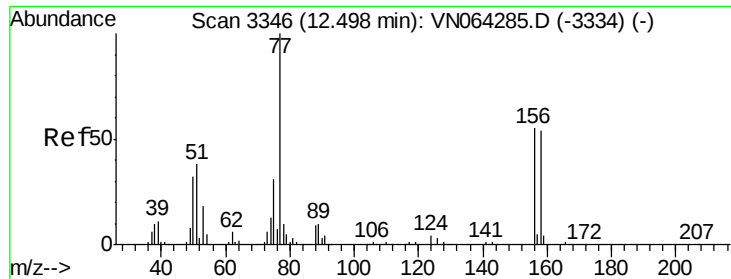
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 17.579 ug/l m
 RT: 12.53 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Tgt Ion	75	Resp	73295
Ion Ratio	100	Lower	Upper
75	100		
77	194.0	0.0	365.2





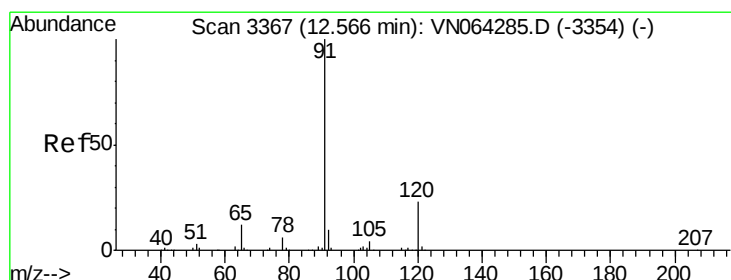
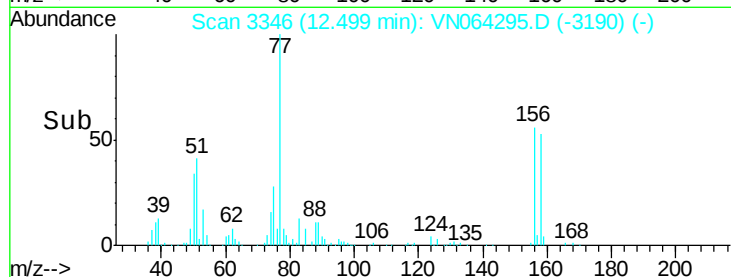
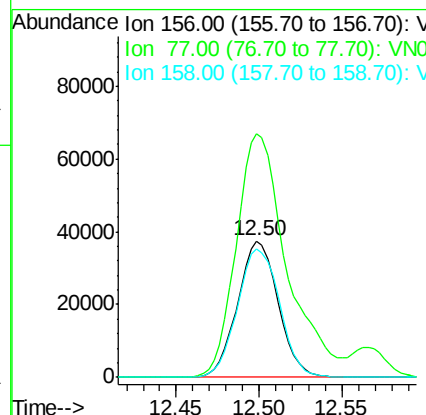
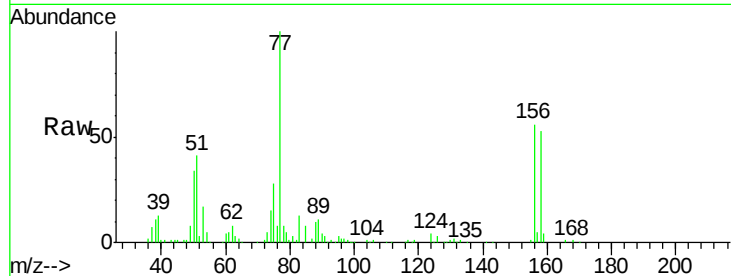
#73
Bromobenzene
Concen: 17.513 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	222.9	0.0	450.2
158	98.1	0.0	194.8

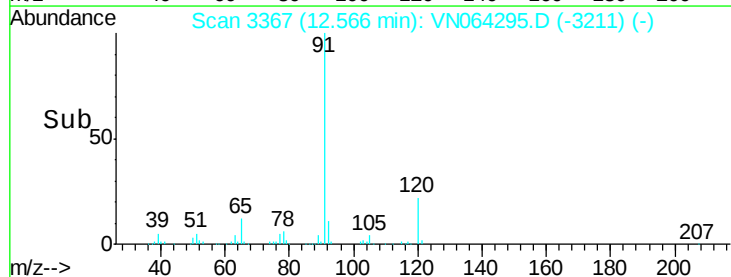
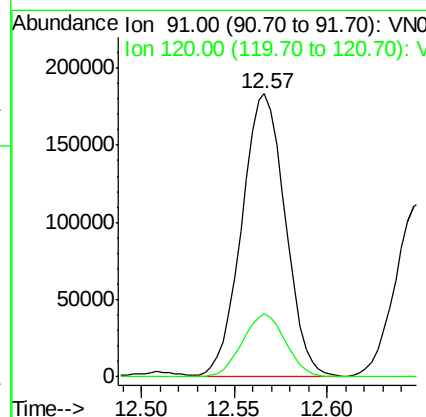
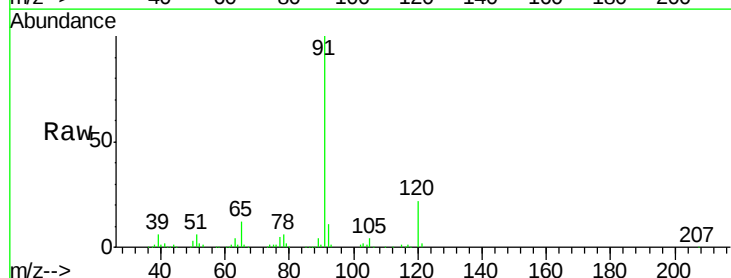
Manual Integrations
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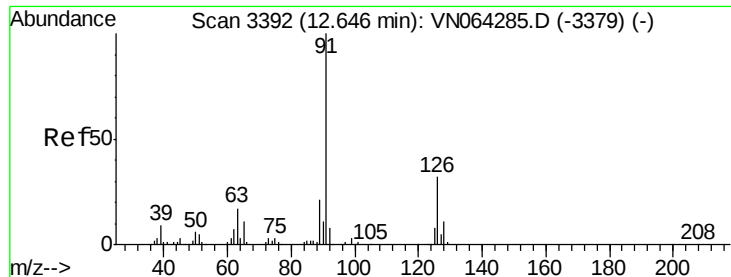
MMDadoda
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#74
n-propylbenzene
Concen: 17.366 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	43.6





#75

2-Chlorotoluene

Concen: 17.745 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBSD01

Tot Ion: 91 Resp: 188204

Ion Ratio Lower Upper

91 100

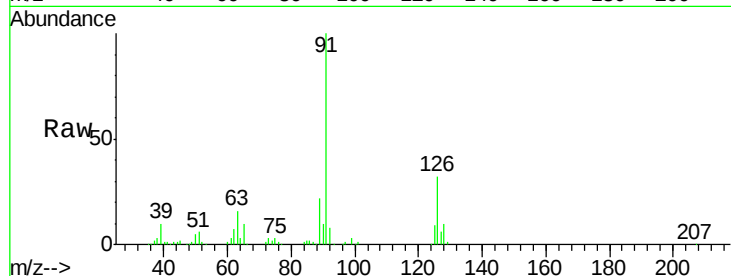
126 31.9 0.0 62.8

Manual Integrations

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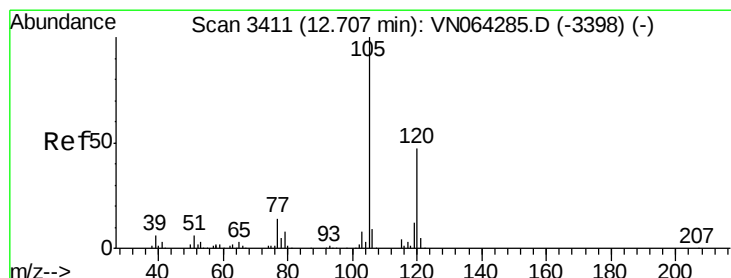
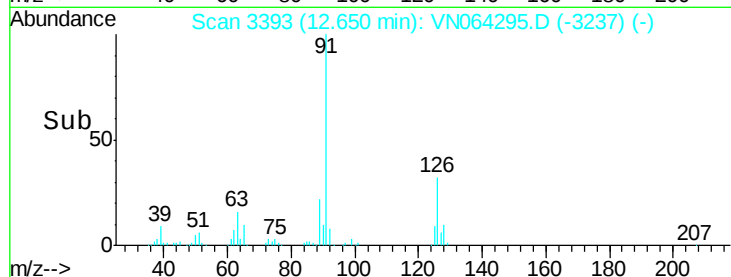
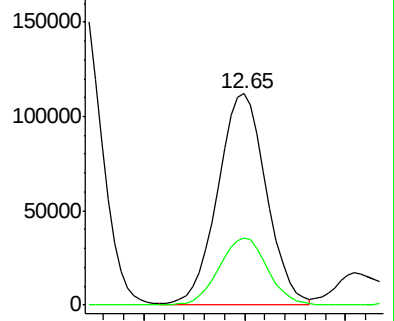
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Abundance Ion 91.00 (90.70 to 91.70): VN064285.D (-3379) (-)

Ion 126.00 (125.70 to 126.70): VN064285.D (-3379) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.472 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064295.D

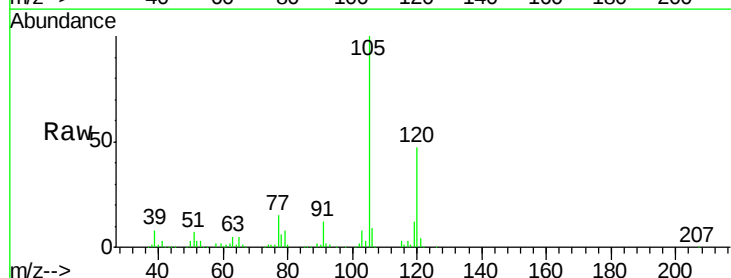
Acq: 23 Oct 2020 18:53

Tgt Ion: 105 Resp: 221682

Ion Ratio Lower Upper

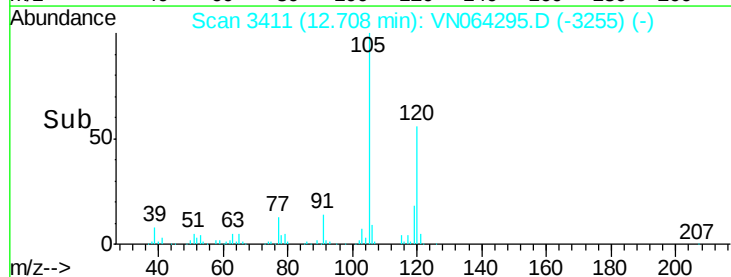
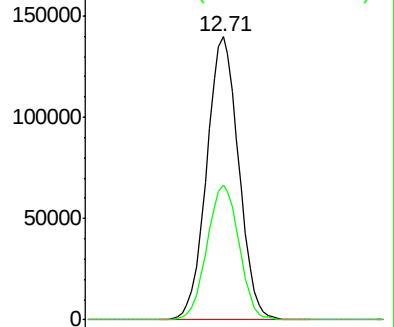
105 100

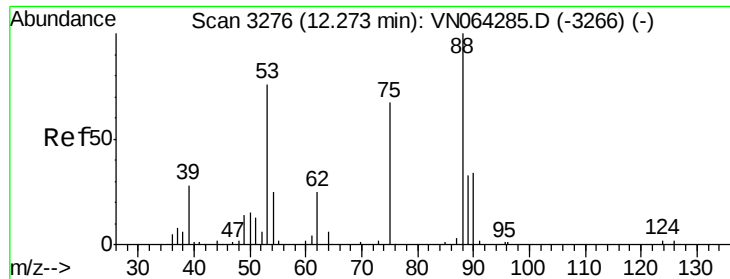
120 48.0 0.0 92.8



Abundance Ion 105.00 (104.70 to 105.70): VN064285.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN064285.D (-3398) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.729 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

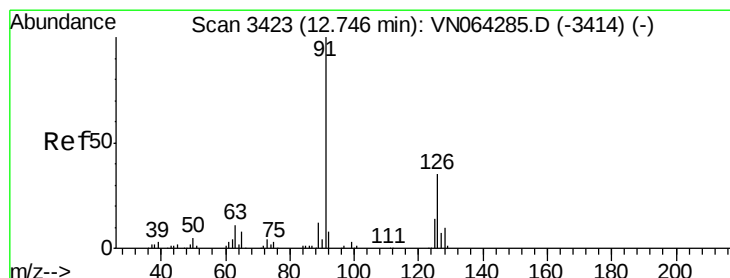
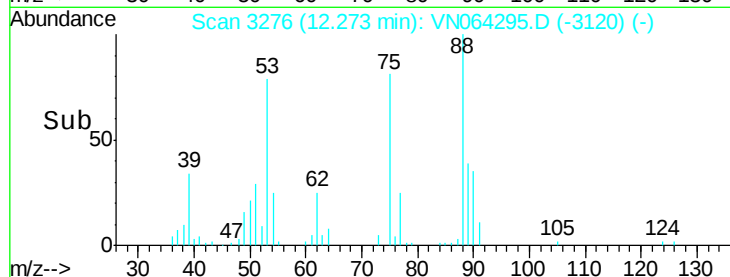
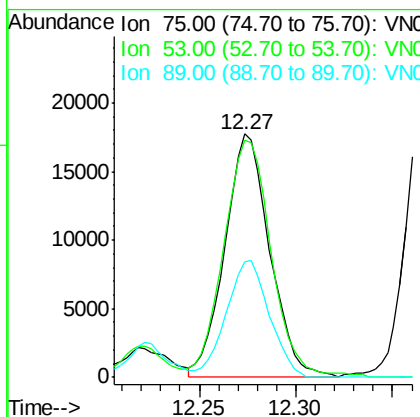
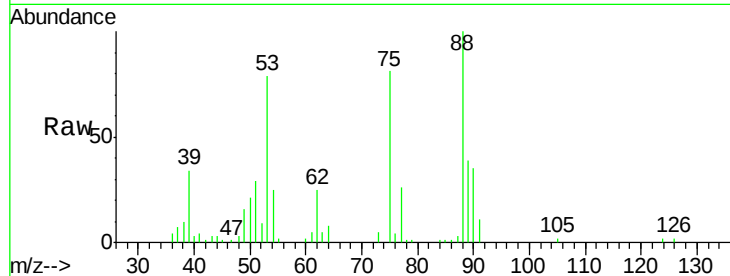
ClientSampleId :

VN1023WBSD01

Tot Ion:	75	Resp:	28586
Ion Ratio	Lower	Upper	
75	100		
53	95.7	44.8	134.3
89	47.7	22.2	66.6

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#78

4-Chlorotoluene

Concen: 17.516 ug/l

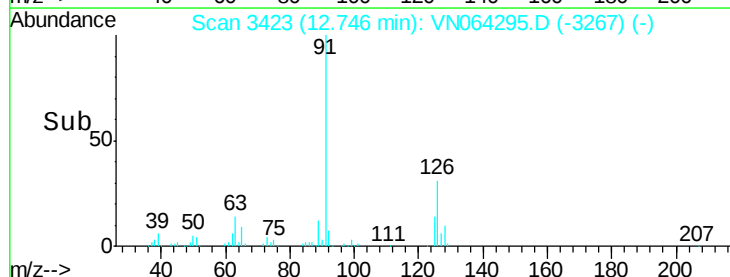
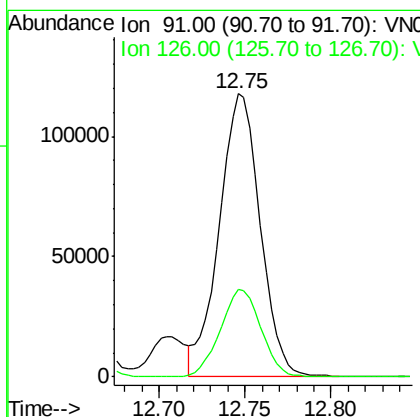
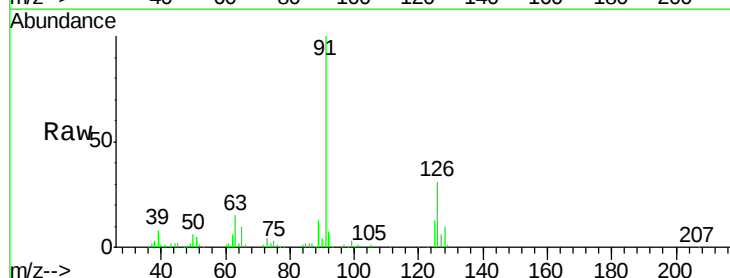
RT: 12.75 min Scan# 3423

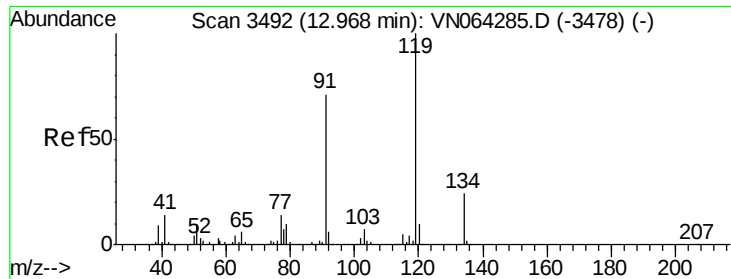
Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Tgt Ion:	91	Resp:	193687
Ion Ratio	Lower	Upper	
91	100		
126	30.8	0.0	62.2





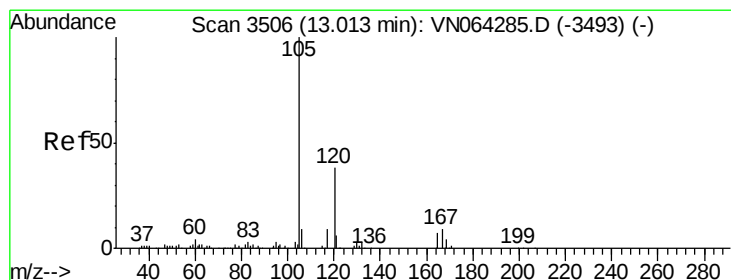
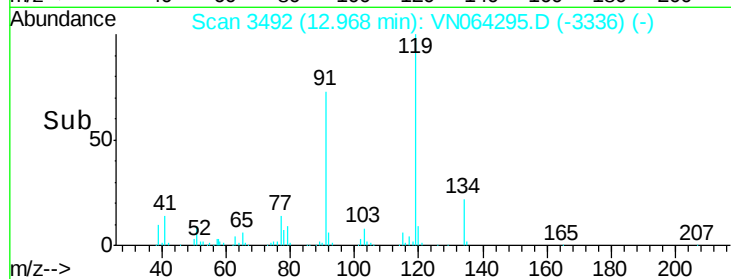
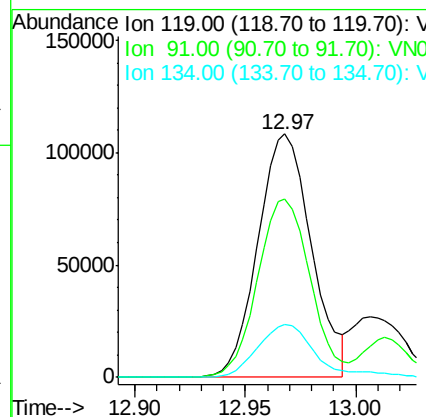
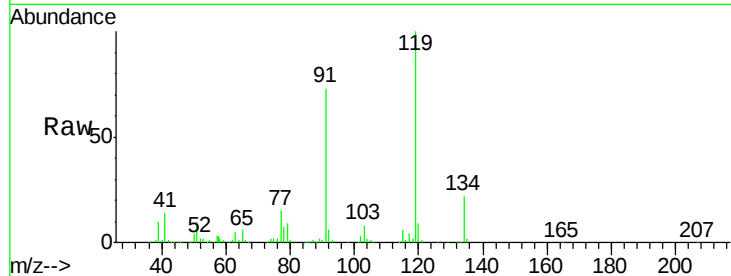
#79
tert-butylbenzene
Concen: 17.584 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	182331		
91	72.0	0.0	140.0	
134	22.1	0.0	45.8	

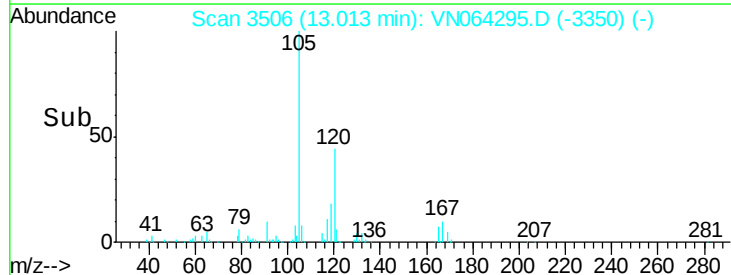
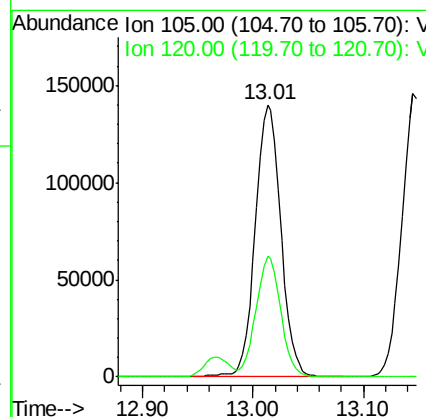
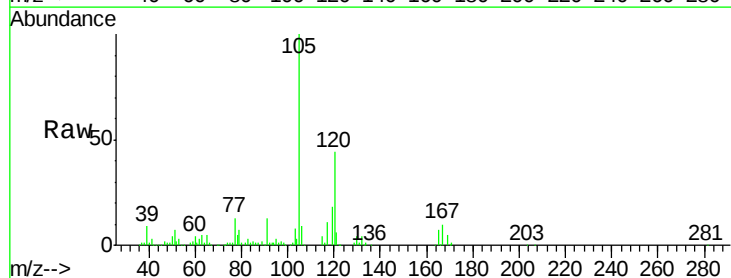
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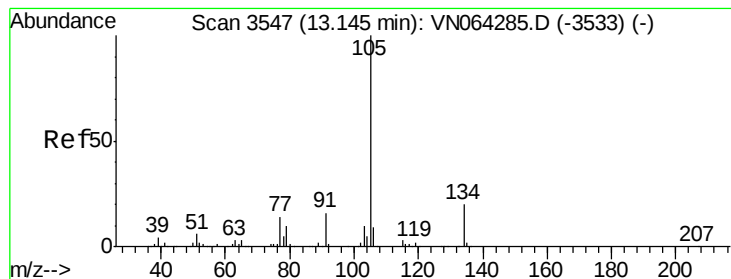
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 17.487 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225179		
120	43.1	0.0	87.4	





#81

sec-Butylbenzene

Concen: 17.315 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBSD01

Tot Ion:105 Resp: 233062

Ion Ratio Lower Upper

105 100

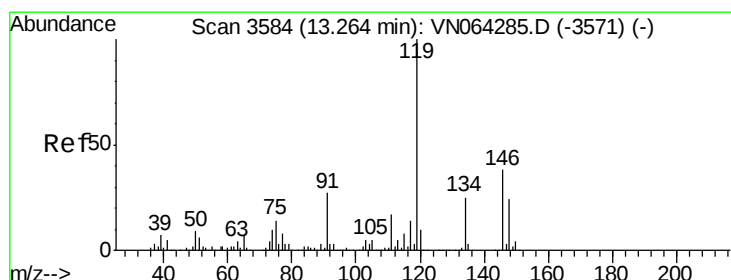
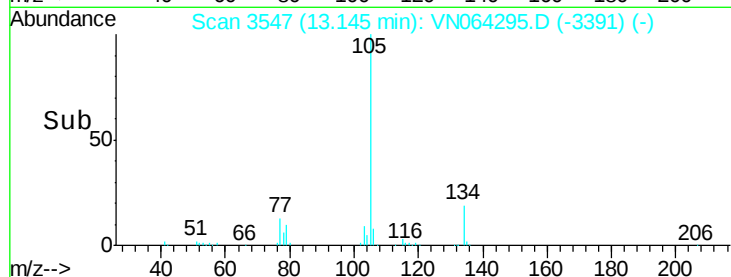
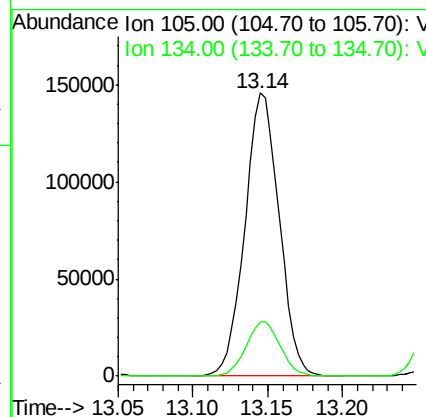
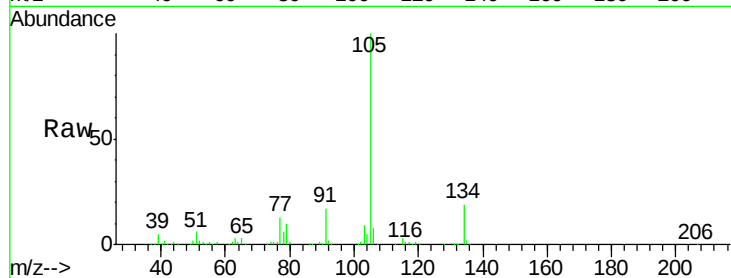
134 19.1 0.0 36.8

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#82

p-Isopropyltoluene

Concen: 17.234 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

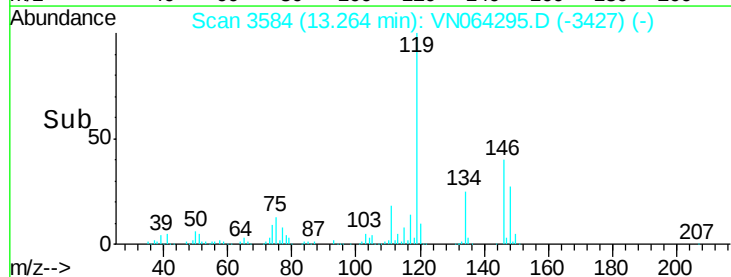
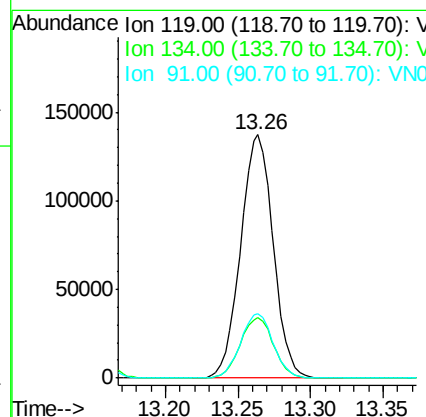
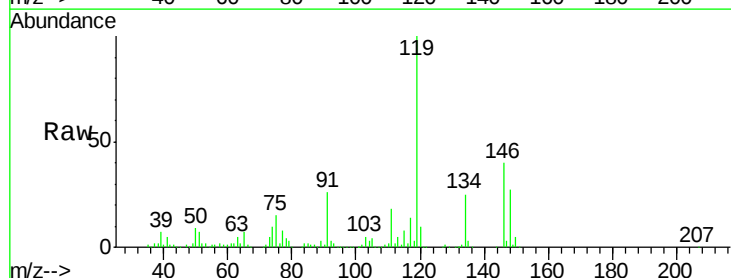
Tgt Ion:119 Resp: 212878

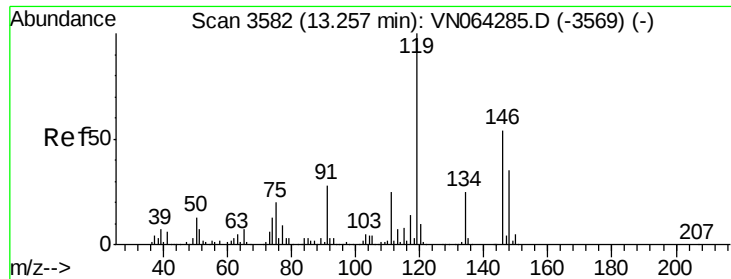
Ion Ratio Lower Upper

119 100

134 25.6 0.0 47.8

91 26.5 0.0 55.8





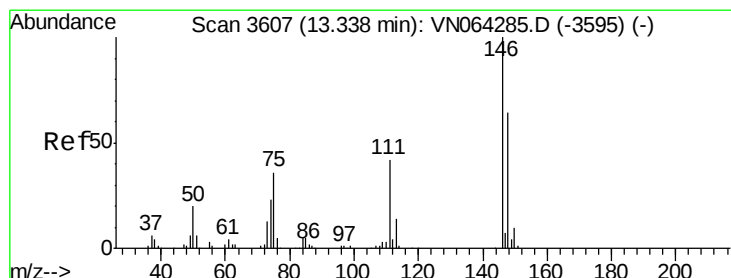
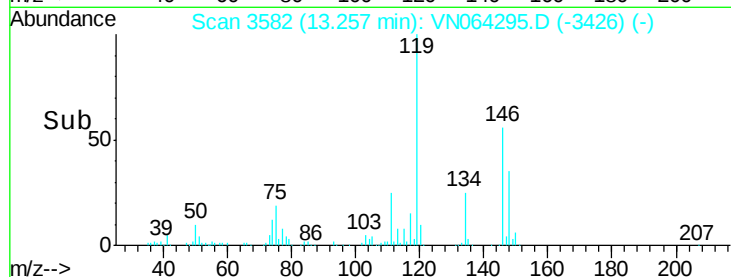
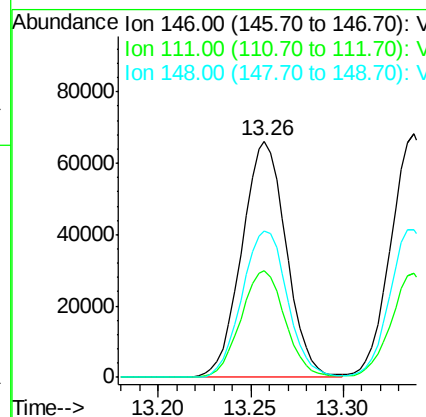
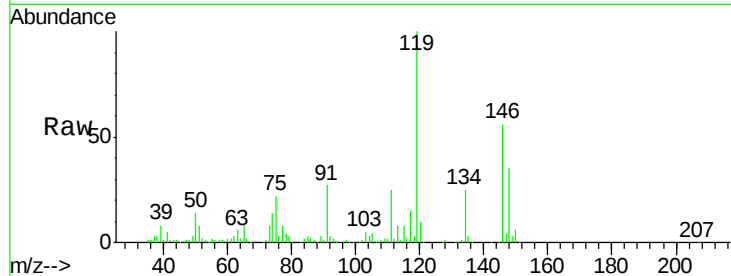
#83
 1,3-Dichlorobenzene
 Concen: 17.169 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.1	66.5
148	63.7	31.9	95.5

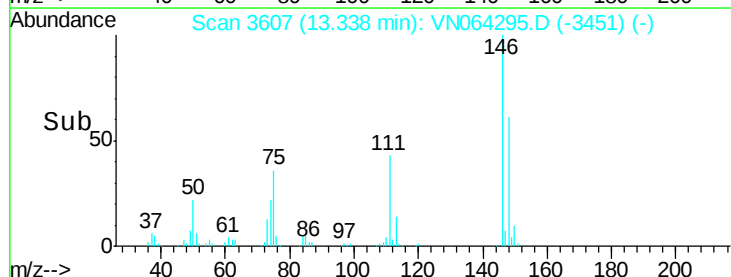
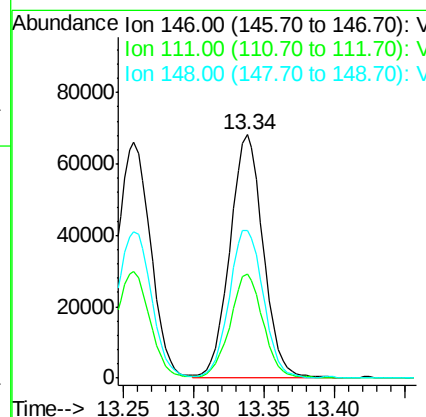
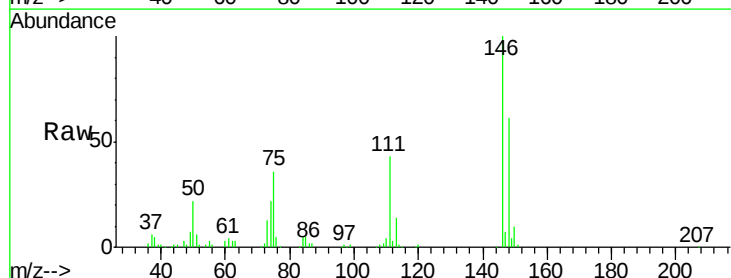
Manual Integrations
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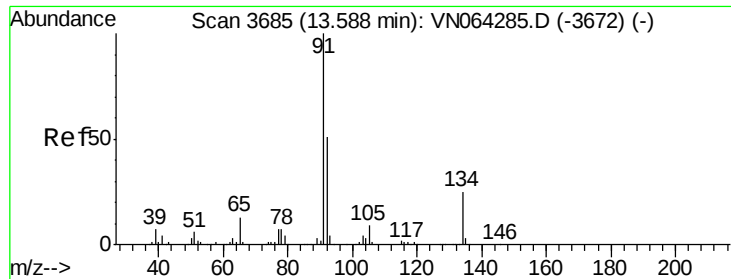
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 10/26/2020 1:39:15 PM



#84
 1,4-Dichlorobenzene
 Concen: 17.258 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.3	61.0
148	62.3	31.4	94.3





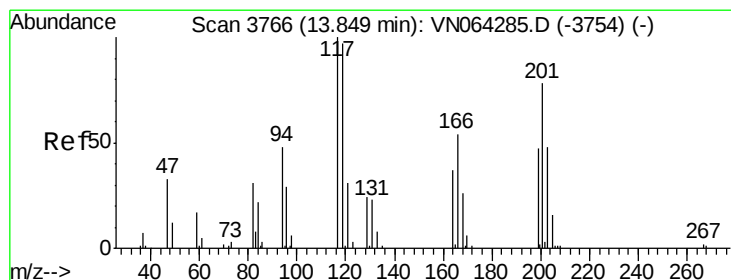
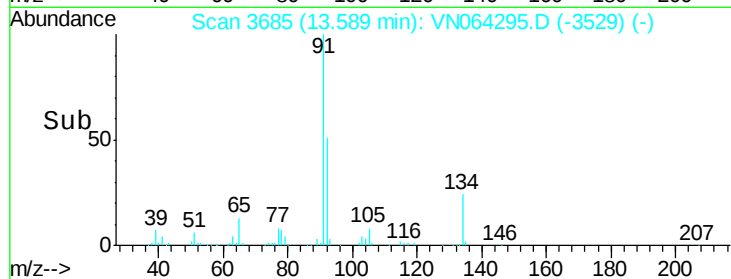
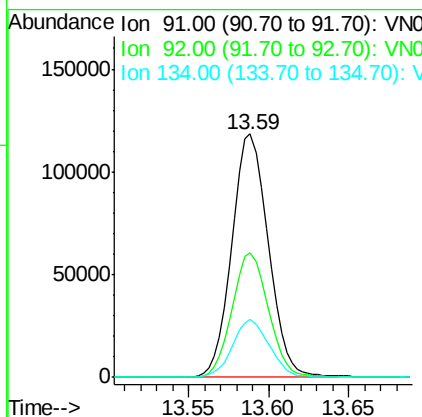
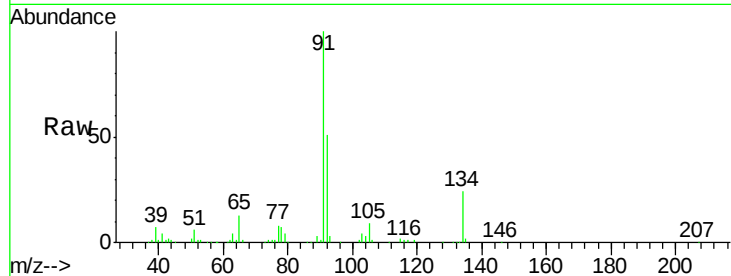
#85
n-Butylbenzene
Concen: 16.922 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	183929		
92	51.2		0.0	110.0
134	23.9		0.0	51.6

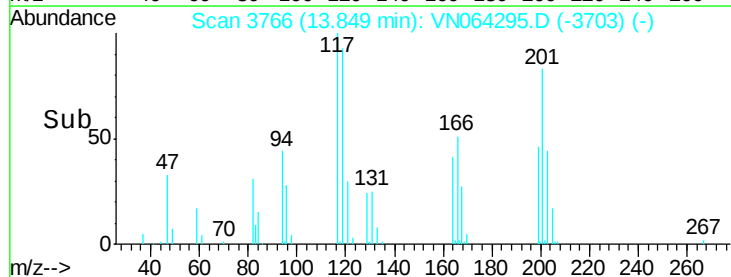
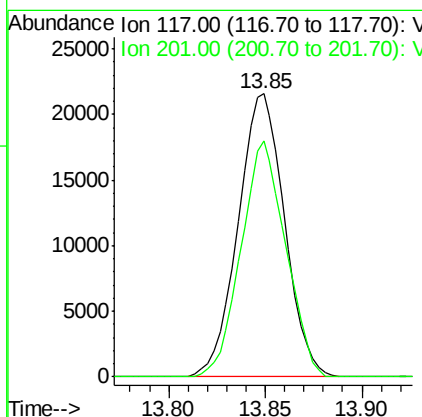
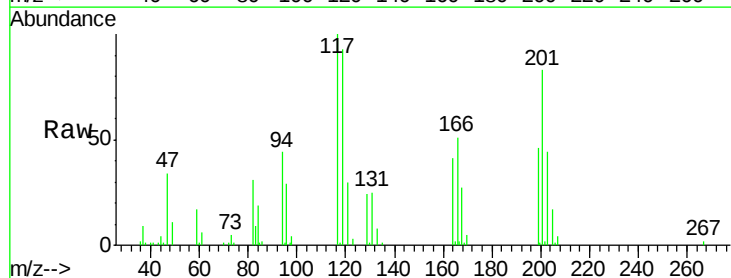
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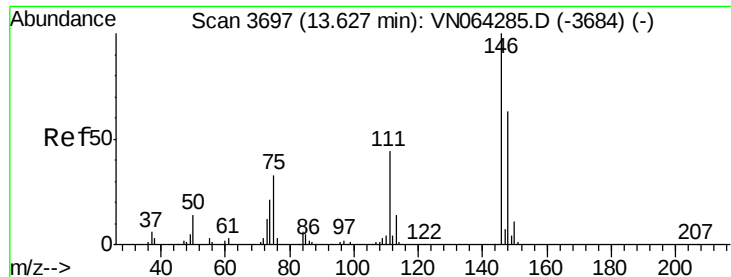
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#86
Hexachloroethane
Concen: 17.225 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35926		
201	80.1		37.2	111.6





#87

1,2-Dichlorobenzene

Concen: 17.760 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Instrument :

MSVOA_N

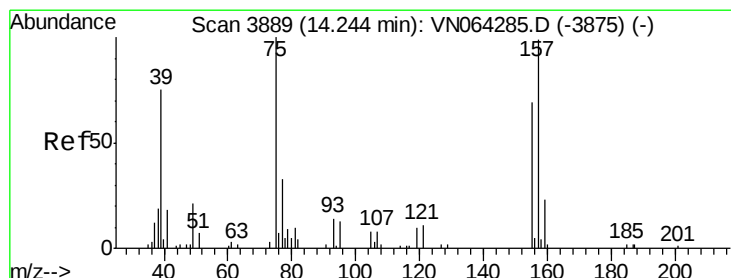
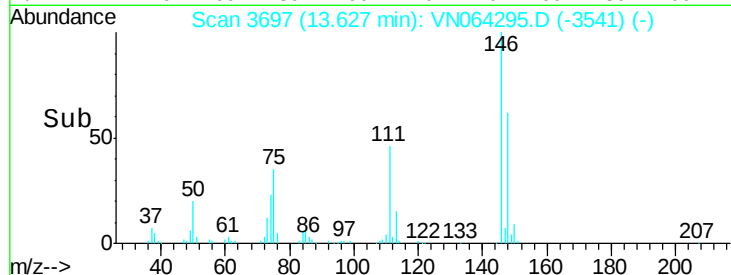
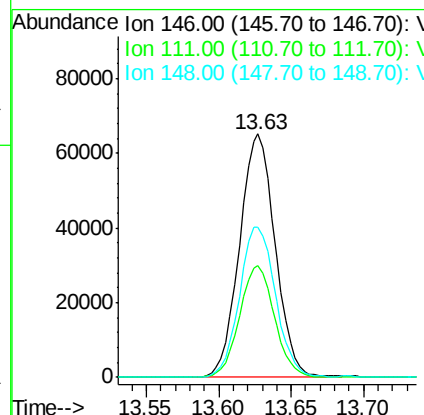
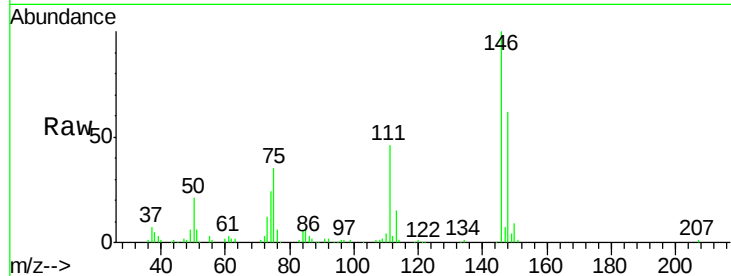
ClientSampleId :

VN1023WBSD01

Tot Ion:	146	Resp:	111296
Ion Ratio	Lower	Upper	
146	100		
111	44.8	23.1	69.3
148	62.7	32.3	96.8

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.078 ug/l

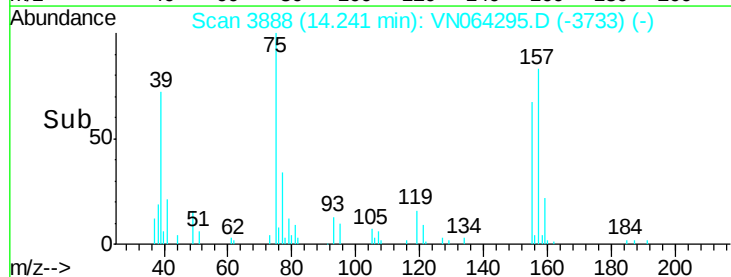
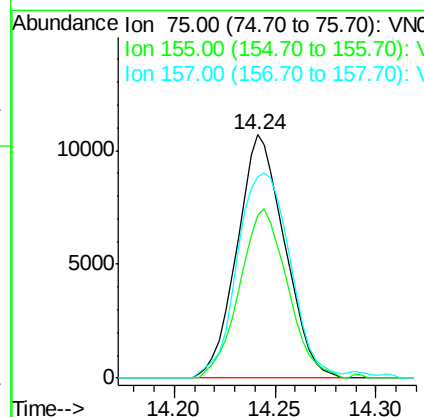
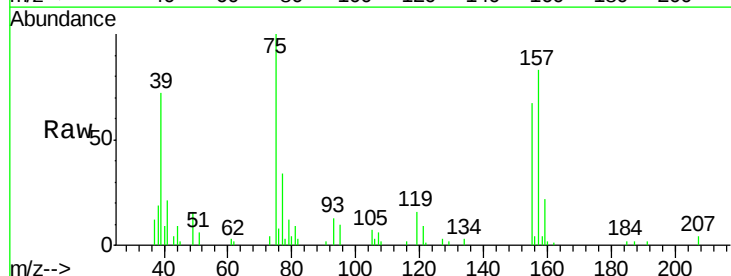
RT: 14.24 min Scan# 3888

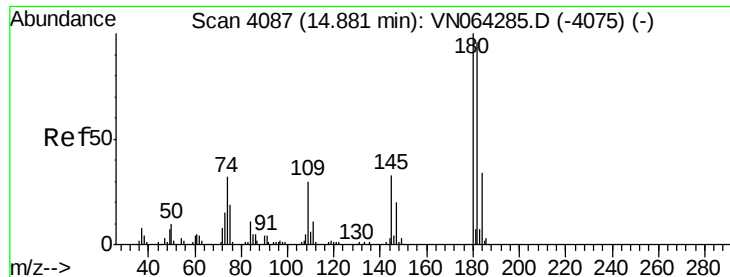
Delta R.T. -0.00 min

Lab File: VN064295.D

Acq: 23 Oct 2020 18:53

Tgt Ion:	75	Resp:	17688
Ion Ratio	Lower	Upper	
75	100		
155	70.2	56.6	84.8
157	93.8	70.1	105.1





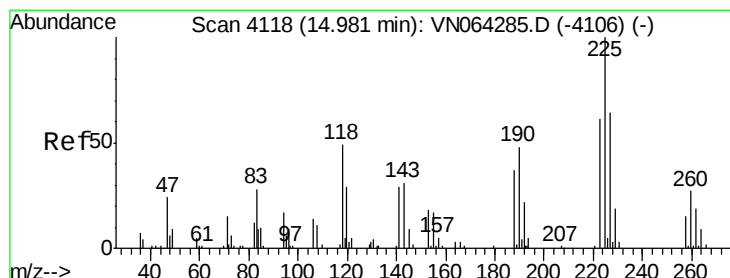
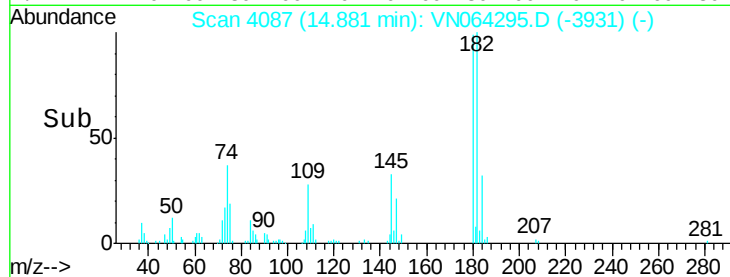
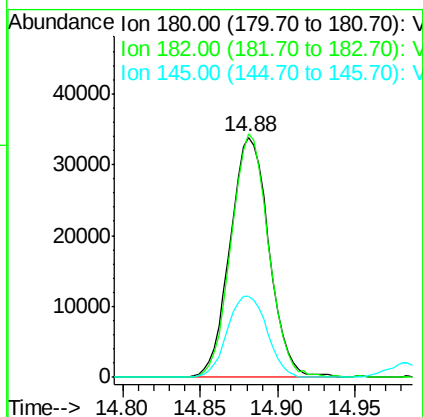
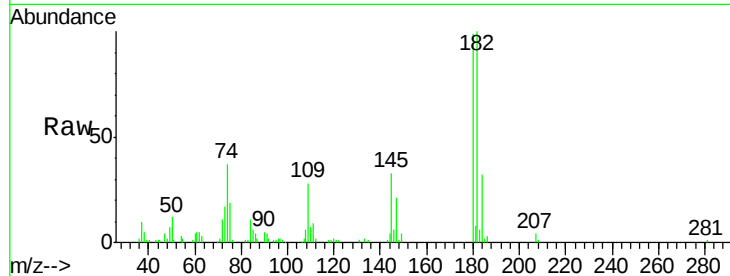
#89
 1,2,4-Trichlorobenzene
 Concen: 16.584 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	71.3	106.9
145	34.2	23.9	35.9

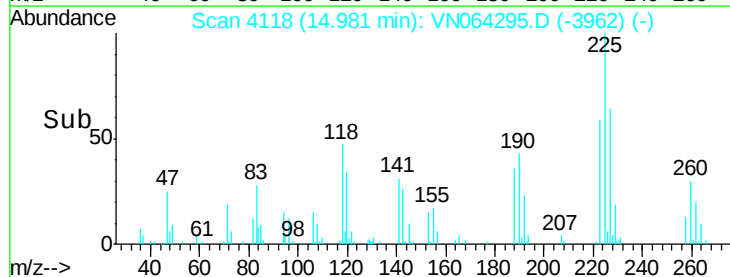
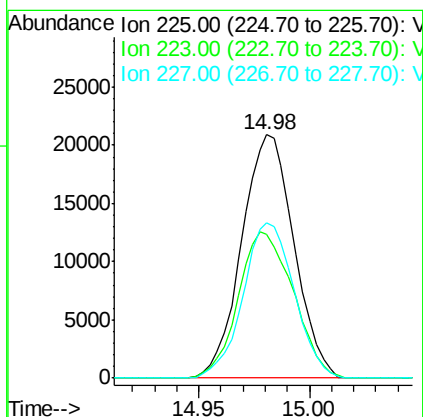
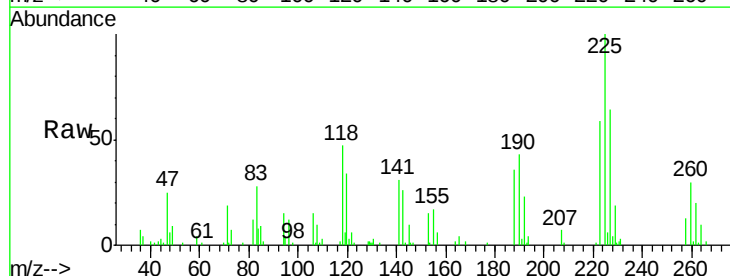
Manual Integrations
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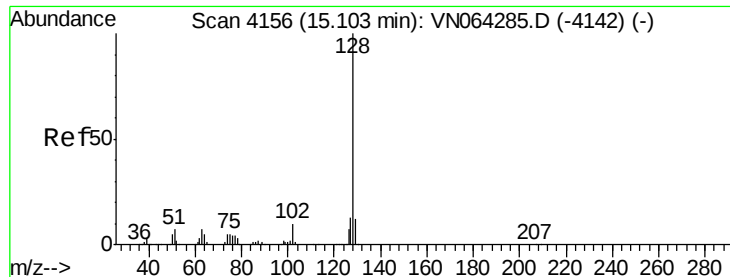
MMDadoda
 10/26/2020 1:39:15 PM



#90
 Hexachlorobutadiene
 Concen: 17.544 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064295.D
 Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	129.8
227	62.3	0.0	128.6





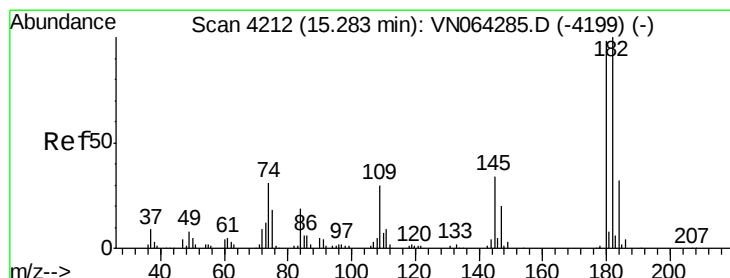
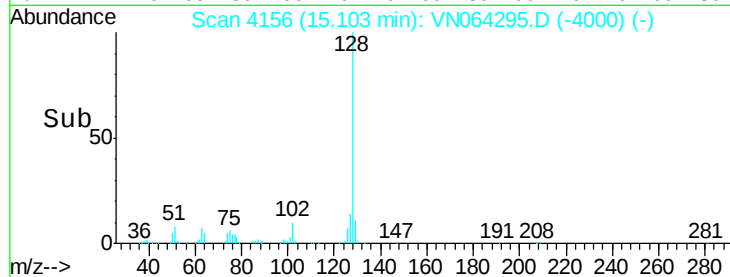
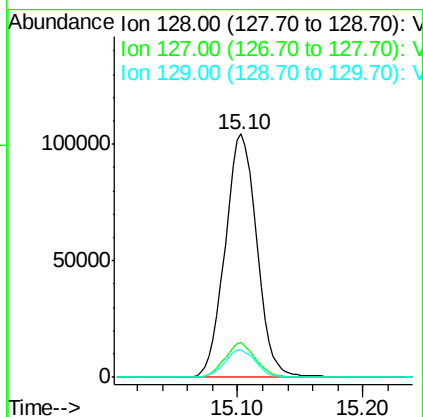
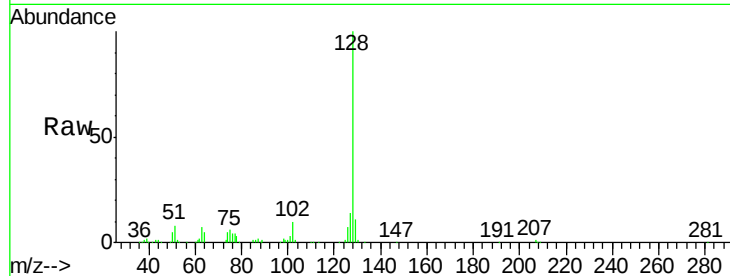
#91
Naphthalene
Concen: 17.572 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	9.9	14.9
129	11.1	8.3	12.5

Manual Integrations
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10/26/2020 1:39:15 PM



#92
1,2,3-Trichlorobenzene
Concen: 17.140 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064295.D
Acq: 23 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	0.0	188.8
145	32.4	0.0	70.0

