

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064315.D
 Acq On : 26 Oct 2020 21:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 2:21:40 PM

Quant Time: Oct 27 02:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 17:44:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	45605	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	257090	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	234041	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	132911	32.39	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.97%
60) 4-Bromofluorobenzene	12.38	95	127943	30.56	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.87%
63) Toluene-d8	10.06	98	321395	30.79	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	73660	19.749 ug/l	92
3) Chloromethane	2.04	50	65530	18.803 ug/l	98
4) Vinyl Chloride	2.16	62	65171	19.180 ug/l	98
5) Bromomethane	2.53	94	42496	20.262 ug/l	98
6) Chloroethane	2.67	64	36832	19.405 ug/l	99
7) Trichlorofluoromethane	2.98	101	107129	20.465 ug/l	93
8) Diethyl Ether	3.37	74	31801	18.964 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52552	19.708 ug/l	95
10) 1,1-Dichloroethene	3.69	96	48863	19.069 ug/l	98
11) Methyl Iodide	3.91	142	68327	18.621 ug/l	95
12) Methyl Acetate	4.28	43	56216	18.321 ug/l #	91
13) Acrolein	3.57	56	17098	84.370 ug/l	95
14) Acrylonitrile	4.93	53	123158	92.279 ug/l	99
15) Acetone	3.78	58	32581	88.747 ug/l	97
16) Carbon Disulfide	4.01	76	142948	18.793 ug/l	97
17) Allyl chloride	4.28	41	92187	18.948 ug/l	97
18) Methylene Chloride	4.50	84	55223	18.925 ug/l	92
19) trans-1,2-Dichloroethene	4.99	96	52764	18.972 ug/l	92
20) Diisopropyl ether	5.90	45	182971	18.580 ug/l	93
21) 1,1-Dichloroethane	5.80	63	103178	18.704 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	59447	18.524 ug/l	99
23) tert-Butyl Alcohol	4.73	59	57750	95.074 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	181753	18.777 ug/l	100
25) Chloroform	7.33	83	111011	19.507 ug/l	93
26) Cyclohexane	7.61	56	85909	19.011 ug/l #	98
29) 1,1-Dichloropropene	7.75	75	82693	18.684 ug/l	97
30) 2-Butanone	6.78	43	188056	90.175 ug/l #	96
31) 2,2-Dichloropropane	6.78	77	89596	16.852 ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	105773	19.092 ug/l	98
33) Carbon Tetrachloride	7.73	117	94092	18.561 ug/l	95
34) Benzene	8.00	78	218966	18.434 ug/l	95
35) Methacrylonitrile	7.13	41	37868	17.388 ug/l	97
36) 1,2-Dichloroethane	8.09	62	101209	19.182 ug/l	98
37) Trichloroethene	8.80	130	61827	19.083 ug/l	89
38) Methylcyclohexane	9.05	83	76201	17.818 ug/l	97
39) 1,2-Dichloropropane	9.08	63	57363	17.888 ug/l	94
40) Dibromomethane	9.18	93	42389	19.045 ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	89618	18.643	ug/l	97
42) Vinyl Acetate	5.84	43	802817	90.087	ug/l	99
43) Ethyl Acetate	6.88	43	86437m	20.334	ug/l	
44) Isopropyl Acetate	8.13	43	141186	18.076	ug/l	98
45) 1,4-Dioxane	9.16	88	21561	357.929	ug/l	92
46) Methyl methacrylate	9.16	41	71294	18.705	ug/l	97
47) n-amyl Acetate	12.05	43	114623	17.431	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	95209	17.560	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	100348	18.160	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	55697	18.639	ug/l	91
51) Ethyl methacrylate	10.40	69	81942	17.562	ug/l	99
52) 1,3-Dichloropropane	10.68	76	97099	18.505	ug/l	100
53) Dibromochloromethane	10.87	129	66960	18.348	ug/l	98
54) 1,2-Dibromoethane	10.98	107	57035	17.868	ug/l	96
55) 2-Chloroethyl vinyl ether	9.66	63	214305	92.280	ug/l	99
56) Bromoform	12.10	173	45455	17.373	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	408024	94.233	ug/l	100
59) 2-Hexanone	10.72	43	298379	92.225	ug/l	99
61) Tetrachloroethene	10.60	164	60382	19.347	ug/l	93
62) Toluene	10.13	91	238781	18.522	ug/l	99
64) Chlorobenzene	11.41	112	148046	18.421	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	60461	19.043	ug/l	98
66) Ethyl Benzene	11.48	91	269506	18.292	ug/l	97
67) m/p-Xylenes	11.59	106	198741	36.730	ug/l	96
68) o-Xylene	11.92	106	95733	17.991	ug/l	99
69) Styrene	11.94	104	158848	17.911	ug/l	99
70) Isopropylbenzene	12.22	105	259595	18.399	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	73738	18.343	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	74055m	17.299	ug/l	
73) Bromobenzene	12.50	156	62319	18.017	ug/l	98
74) n-propylbenzene	12.57	91	286380	17.808	ug/l	99
75) 2-Chlorotoluene	12.65	91	182626	18.364	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	217892	18.261	ug/l	97
77) t-1,4-Dichloro-2-butene	12.28	75	27008	16.896	ug/l	93
78) 4-Chlorotoluene	12.75	91	187812	18.047	ug/l	98
79) tert-butylbenzene	12.97	119	174507	17.746	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	220224	18.297	ug/l	99
81) sec-Butylbenzene	13.14	105	227118	17.795	ug/l	100
82) p-Isopropyltoluene	13.26	119	202449	17.317	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	108191	18.008	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	108838	18.039	ug/l	98
85) n-Butylbenzene	13.59	91	176918	17.355	ug/l	97
86) Hexachloroethane	13.85	117	38416	17.621	ug/l	96
87) 1,2-Dichlorobenzene	13.63	146	107845	18.229	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.24	75	18776	18.478	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	57765	17.233	ug/l	99
90) Hexachlorobutadiene	14.98	225	31772	17.610	ug/l	94
91) Naphthalene	15.10	128	182204	18.006	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	56208	17.359	ug/l	98

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

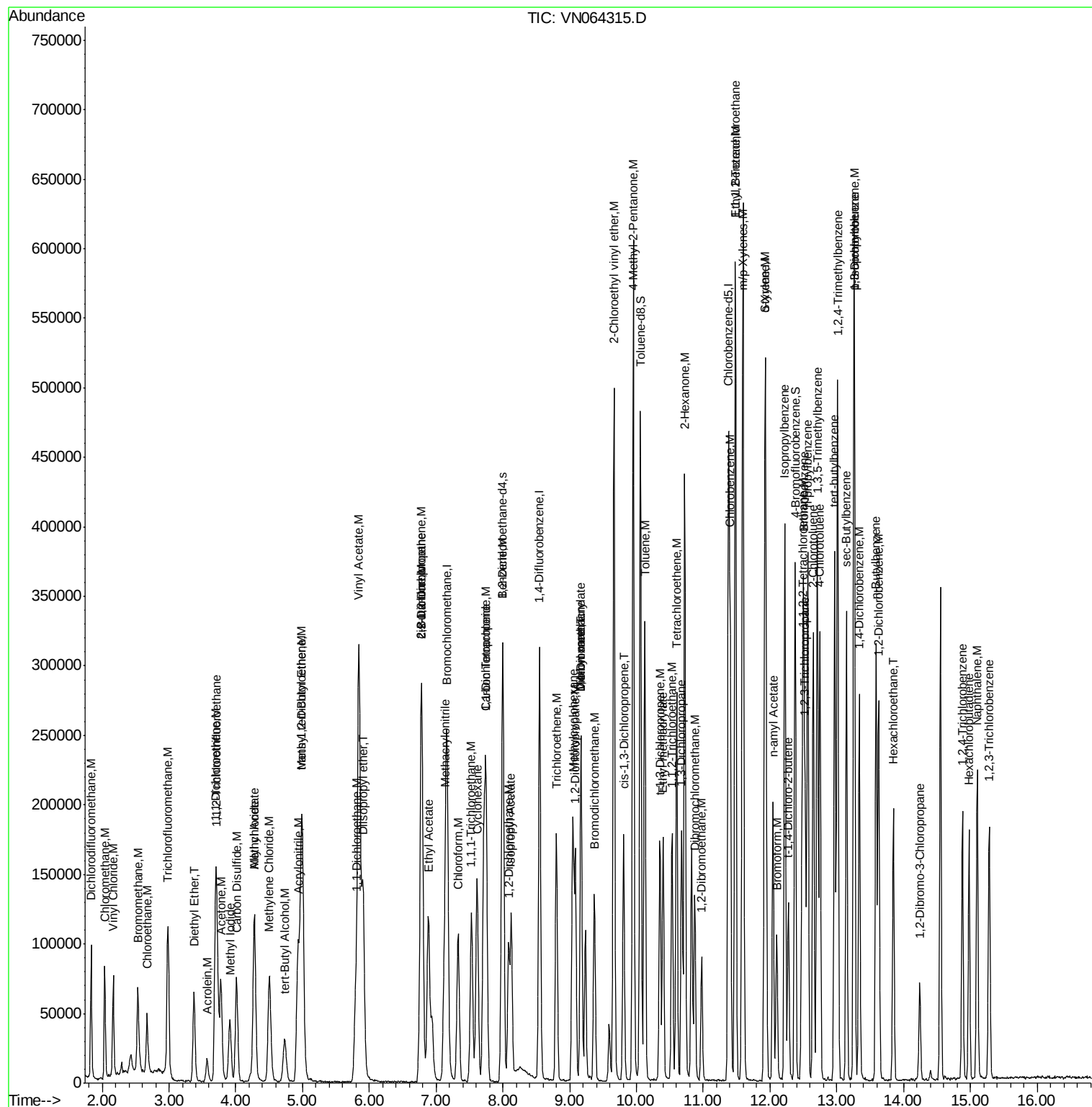
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064315.D
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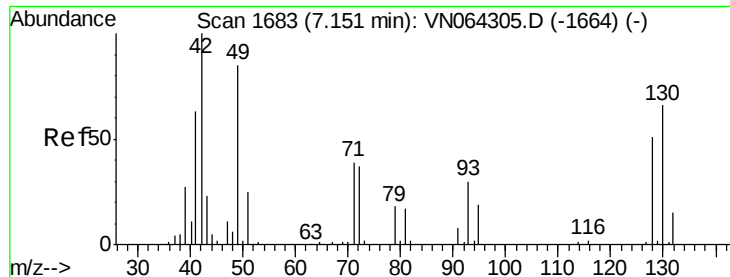
Instrument :
 MSVOA_N
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:128 Resp: 45605

Ion Ratio Lower Upper

128 100

49 175.7 0.0 439.5

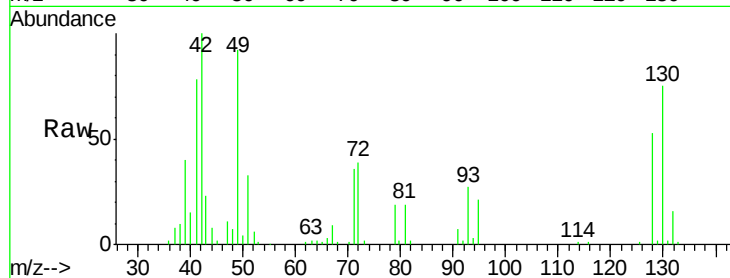
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Manual Integrations

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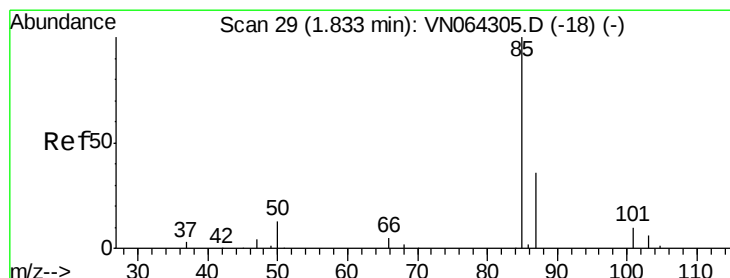
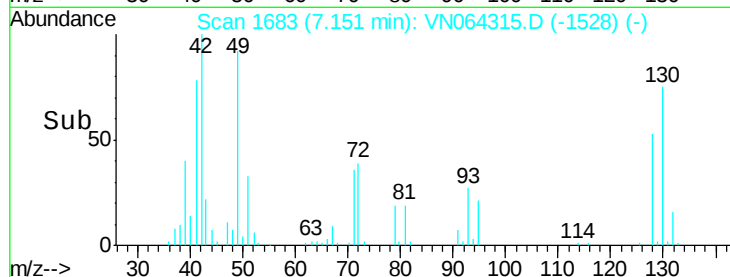
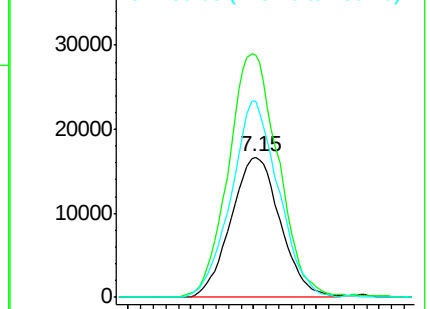
10/27/2020 2:21:40 PM



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



#2

Dichlorodifluoromethane

Concen: 19.749 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064315.D

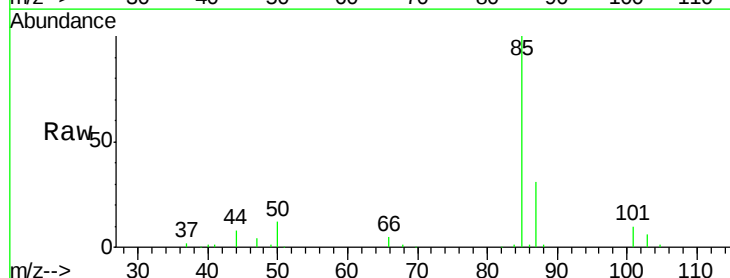
Acq: 26 Oct 2020 21:26

Tgt Ion: 85 Resp: 73660

Ion Ratio Lower Upper

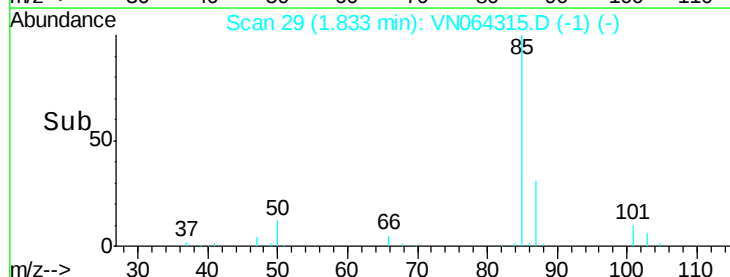
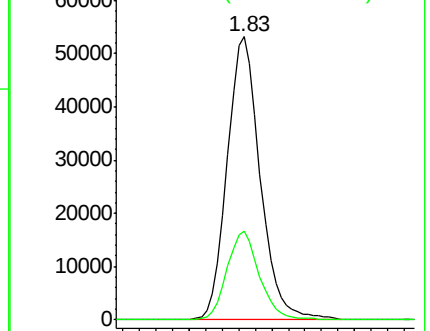
85 100

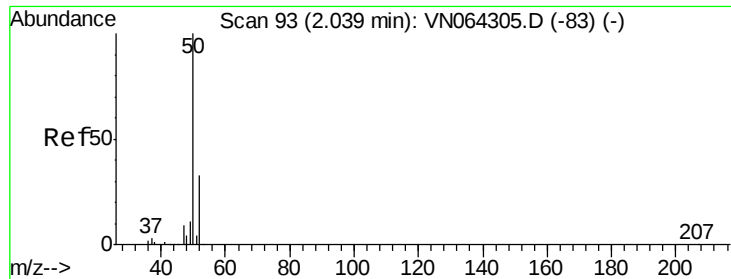
87 31.3 18.1 54.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 18.803 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 65530

Ion Ratio Lower Upper

50 100

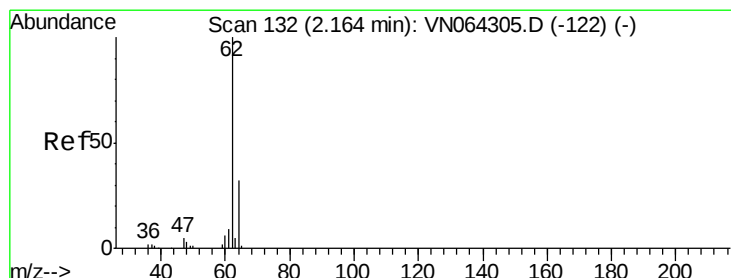
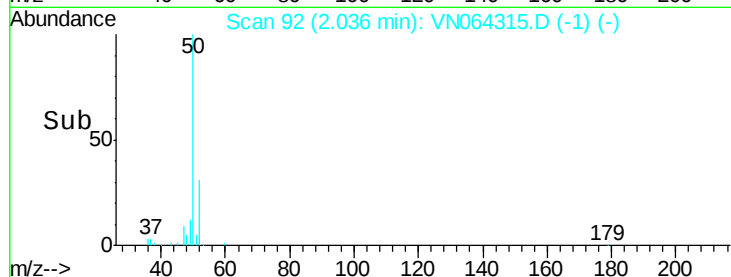
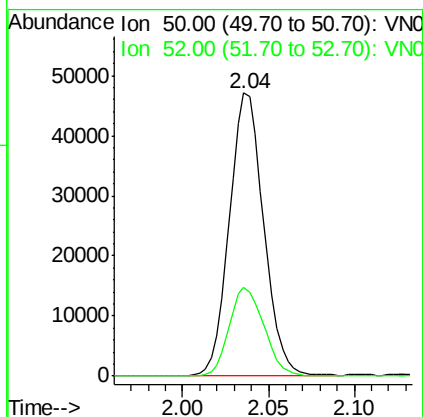
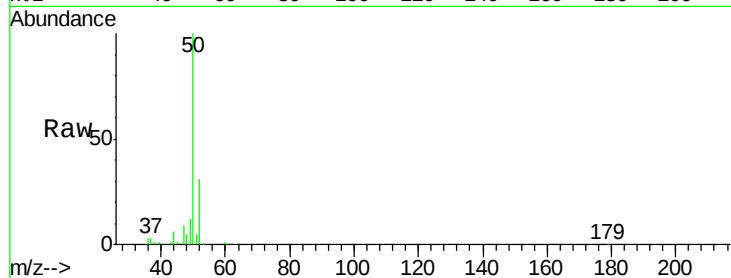
52 31.4 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.180 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064315.D

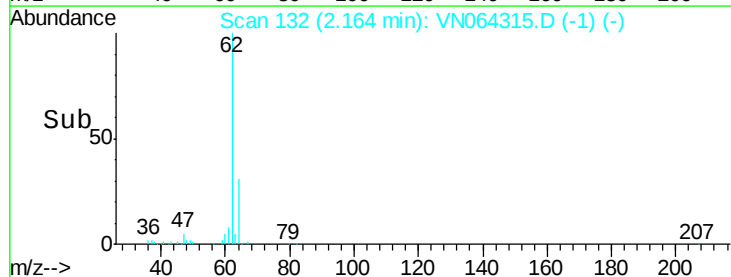
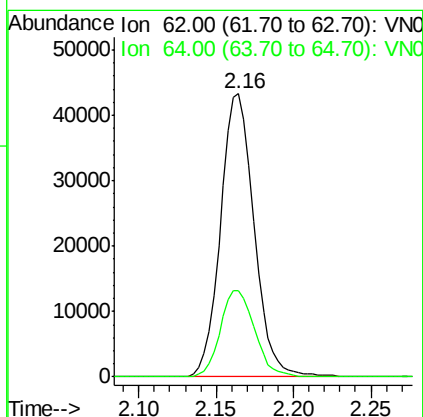
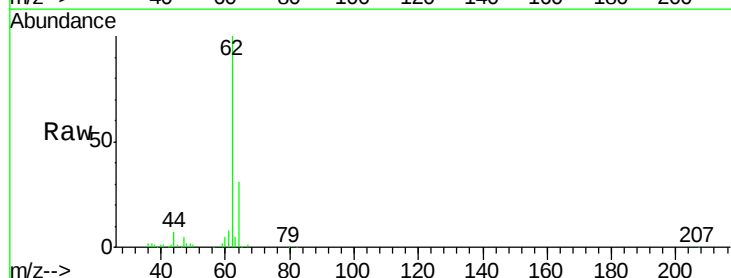
Acq: 26 Oct 2020 21:26

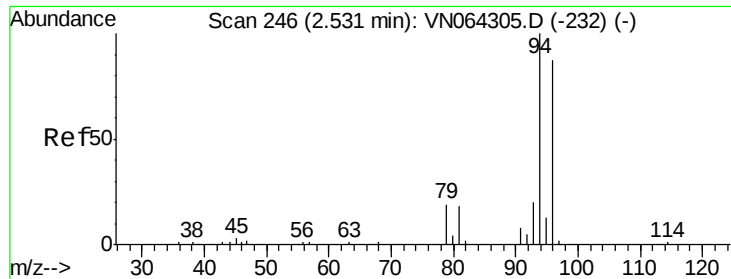
Tgt Ion: 62 Resp: 65171

Ion Ratio Lower Upper

62 100

64 30.5 25.5 38.3





#5

Bromomethane

Concen: 20.262 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

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Tot Ion: 94 Resp: 42496

Ion Ratio Lower Upper

94 100

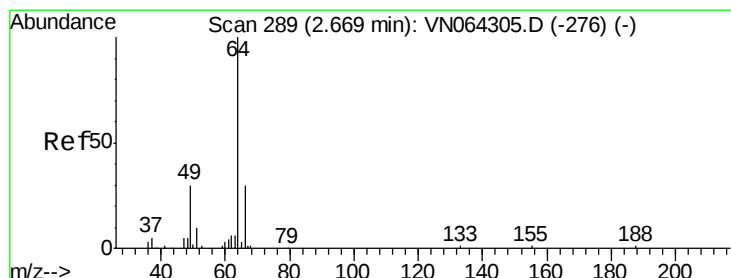
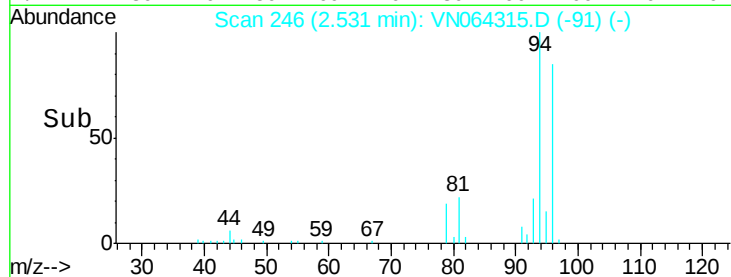
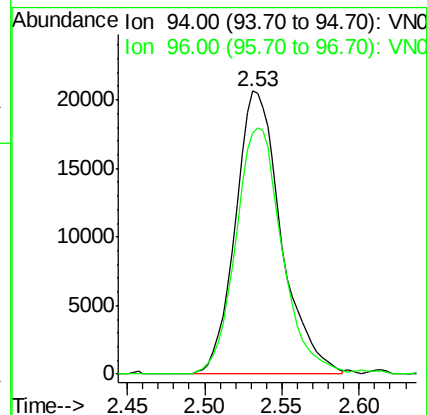
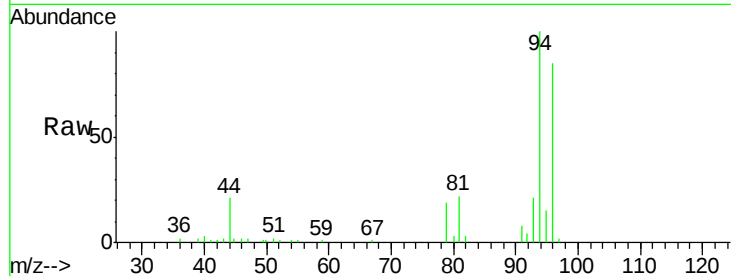
96 85.1 69.4 104.0

Manual Integrations

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#6

Chloroethane

Concen: 19.405 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064315.D

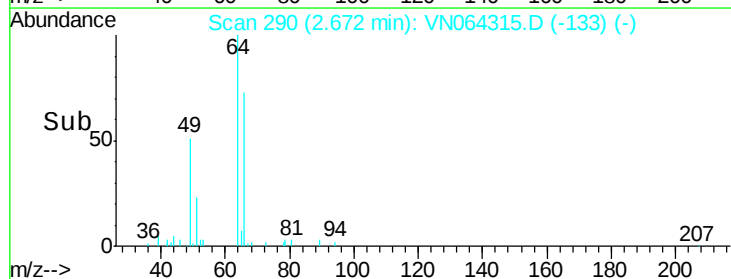
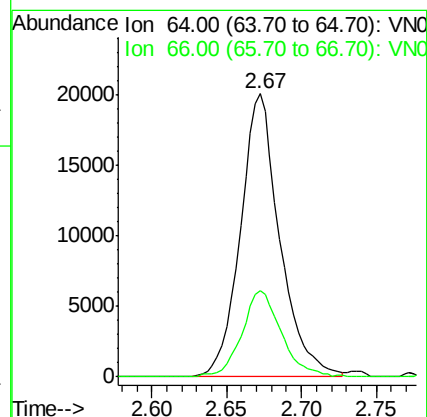
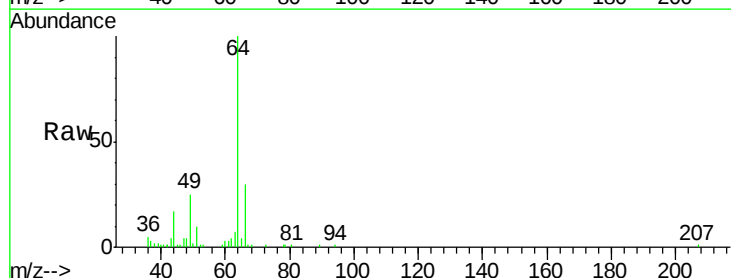
Acq: 26 Oct 2020 21:26

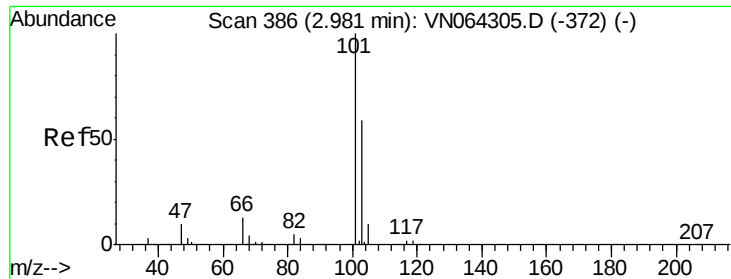
Tgt Ion: 64 Resp: 36832

Ion Ratio Lower Upper

64 100

66 30.4 24.1 36.1





#7

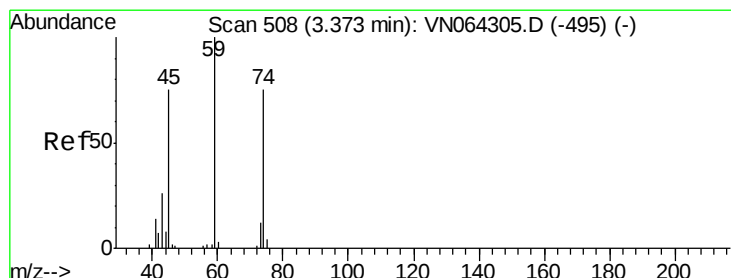
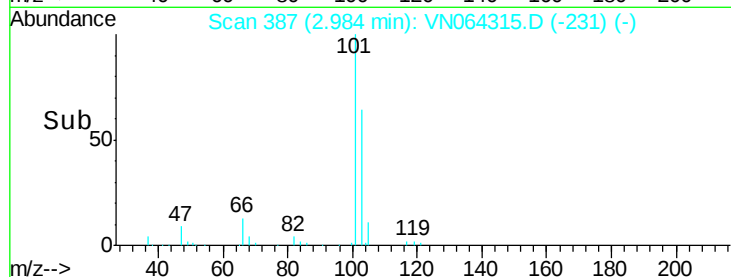
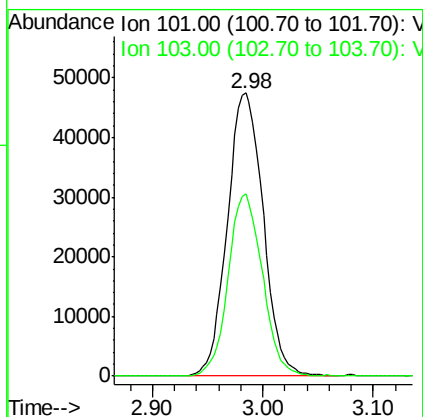
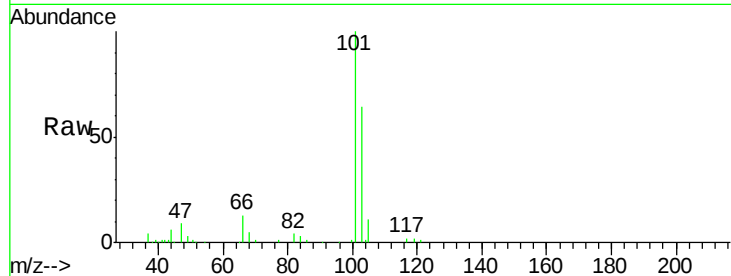
Trichlorofluoromethane
 Concen: 20.465 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064315.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	47.1	70.7

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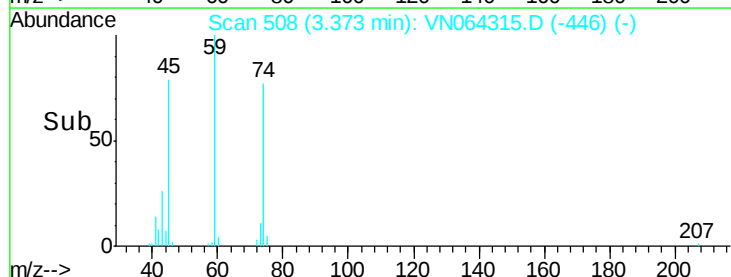
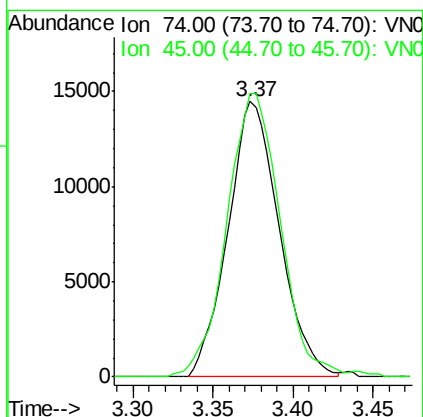
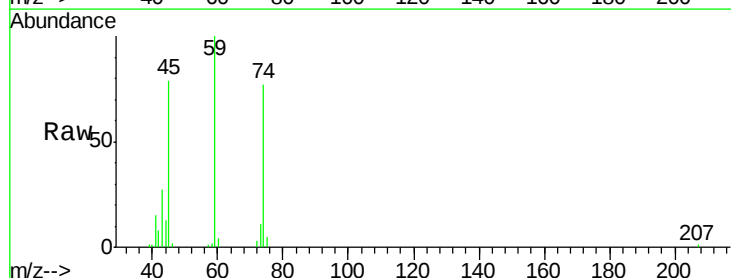
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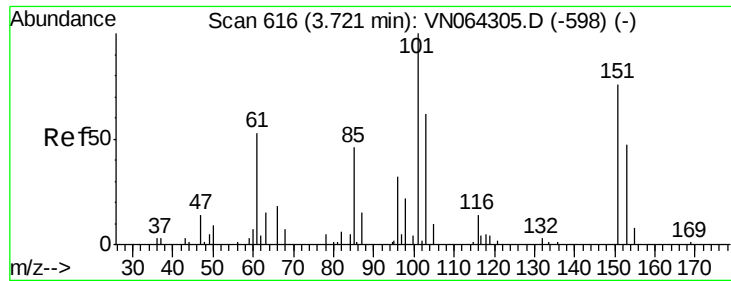


#8

Diethyl Ether
 Concen: 18.964 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.8	20.4	183.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.708 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064315.D

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MSVOA_N

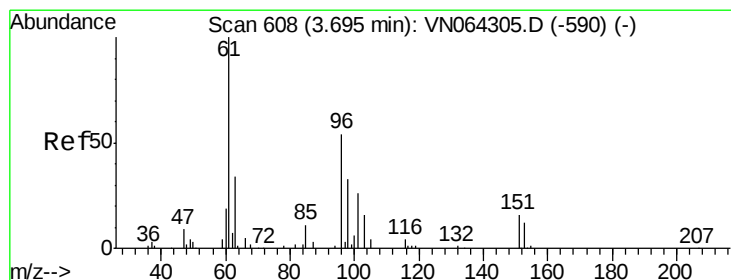
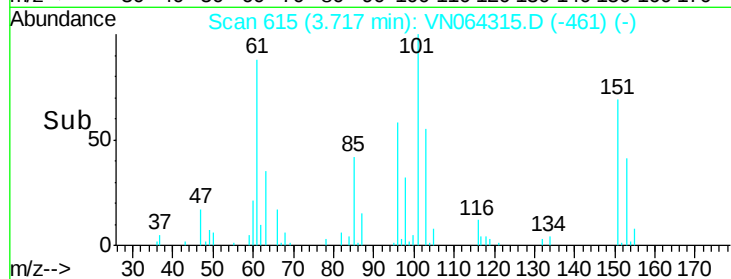
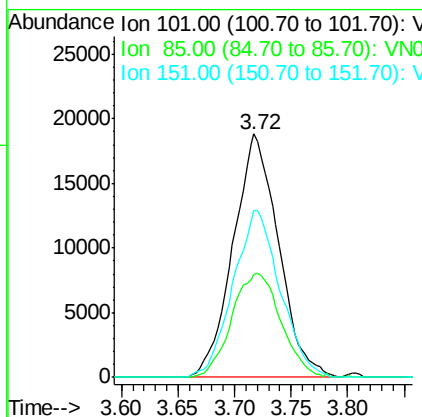
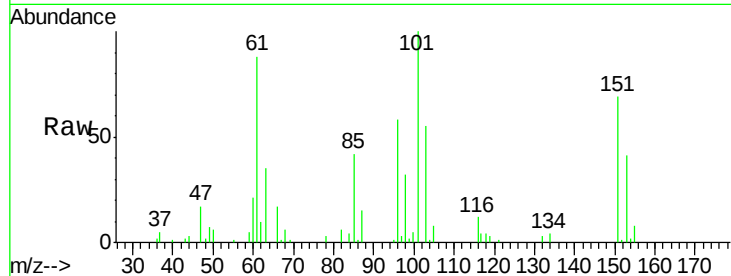
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	52552
Ion Ratio	Lower	Upper	
101	100		
85	46.2	0.0	96.2
151	71.1	0.0	154.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.069 ug/l

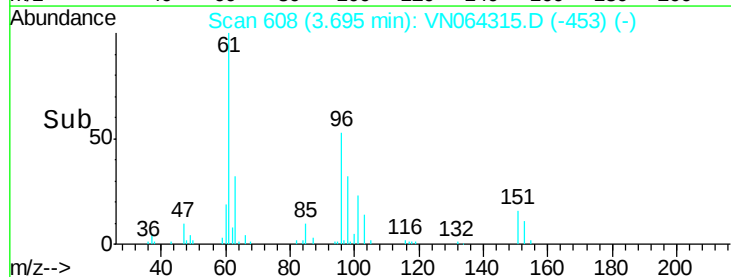
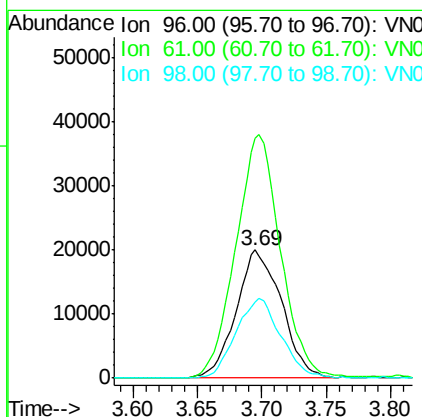
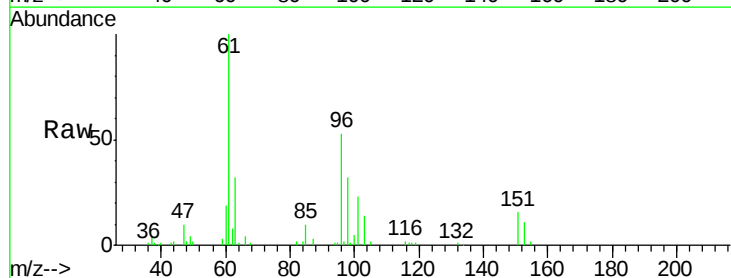
RT: 3.69 min Scan# 608

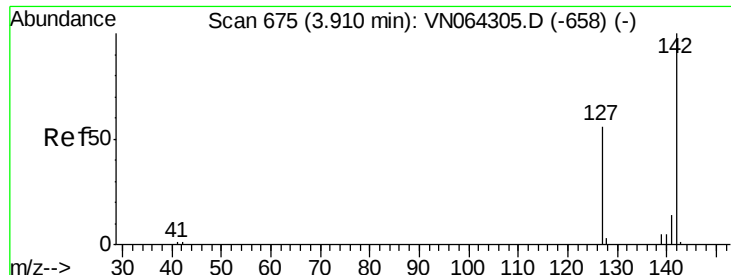
Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Tgt Ion:	96	Resp:	48863
Ion Ratio	Lower	Upper	
96	100		
61	187.2	147.4	221.2
98	59.5	48.8	73.2





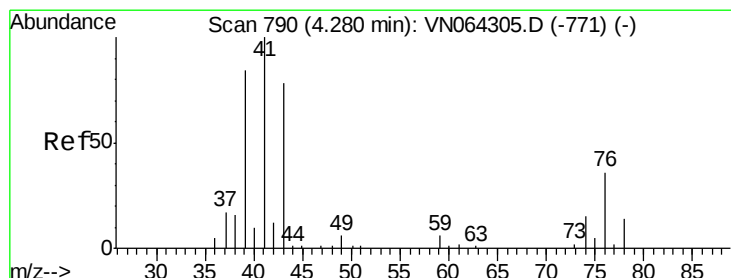
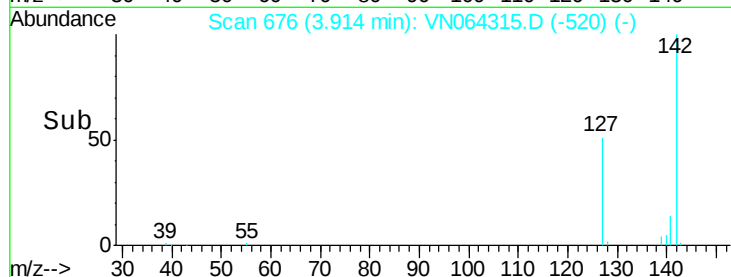
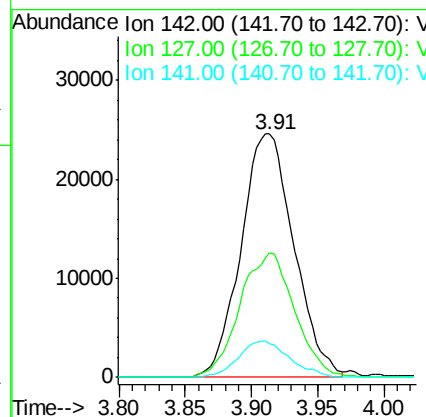
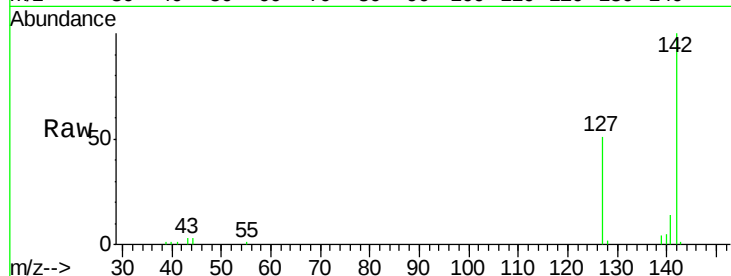
#11
Methvl Iodide
Concen: 18.621 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:142 Resp: 68327
Ion Ratio Lower Upper
142 100
127 51.0 27.9 83.7
141 14.1 7.1 21.3

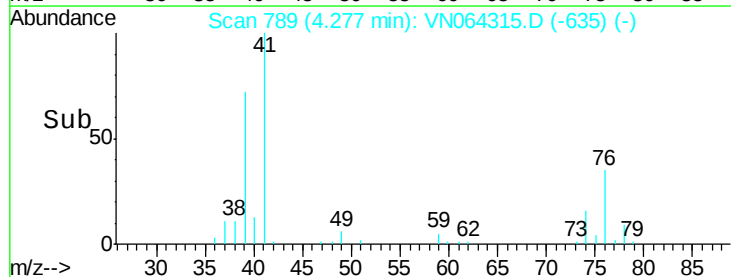
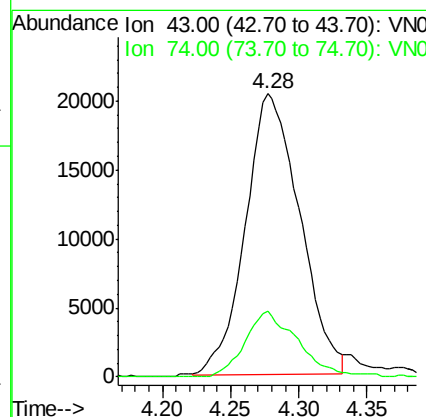
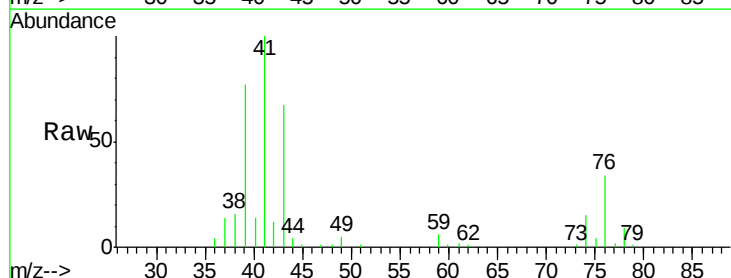
Manual Integrations
APPROVED

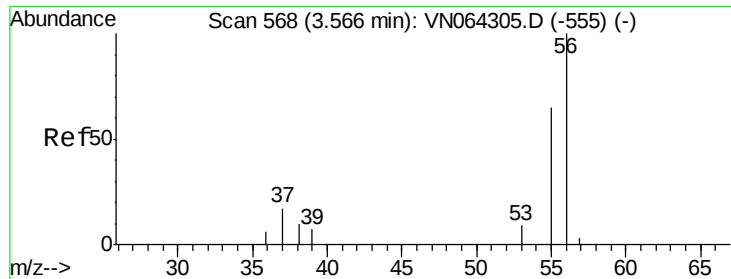
MMDadoda
10/27/2020 2:21:40 PM



#12
Methyl Acetate
Concen: 18.321 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion: 43 Resp: 56216
Ion Ratio Lower Upper
43 100
74 23.2 15.4 23.0#





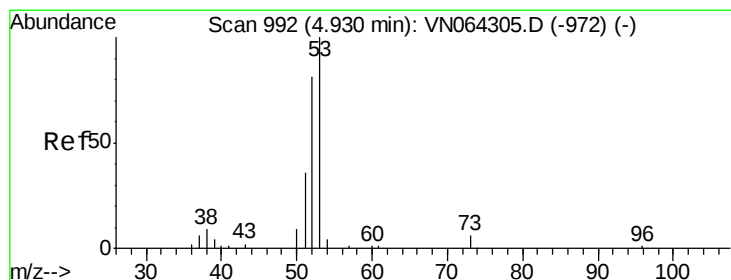
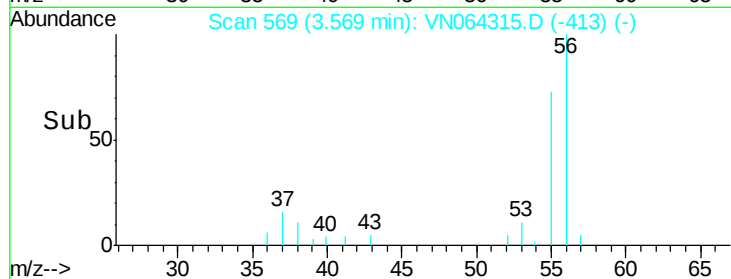
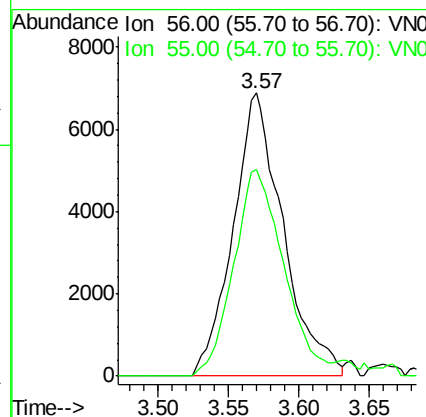
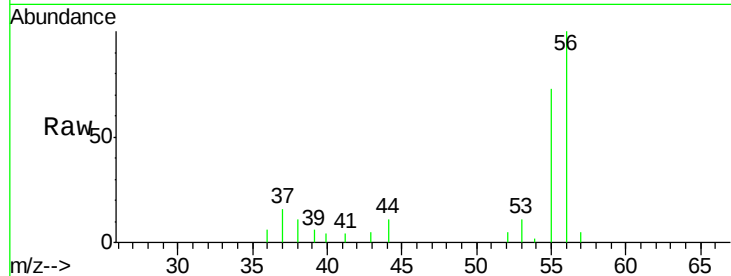
#13
Acrolein
Concen: 84.370 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	56	Resp	17098
Ion Ratio	Lower	Upper	
56	100		
55	73.2	55.5	83.3

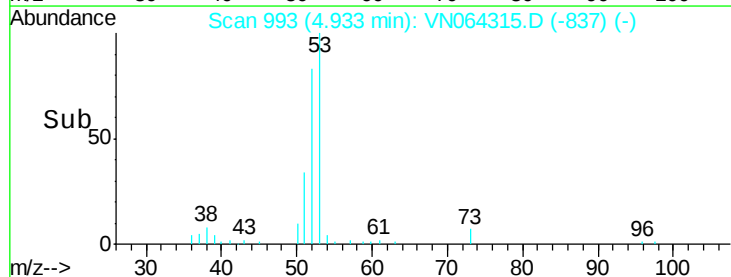
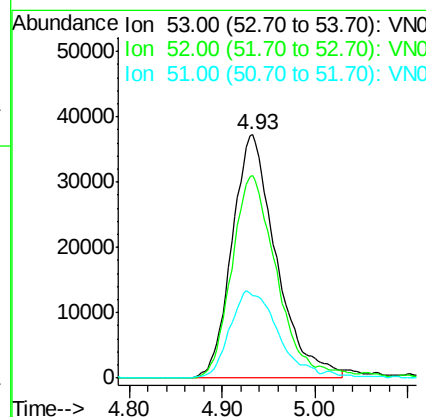
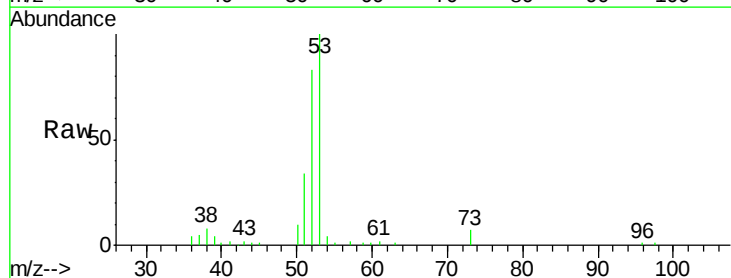
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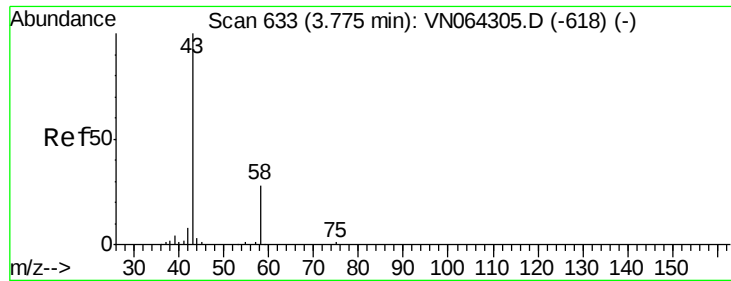
MMDadoda
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#14
Acrylonitrile
Concen: 92.279 ug/l
RT: 4.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	53	Resp	123158
Ion Ratio	Lower	Upper	
53	100		
52	82.1	41.7	125.1
51	38.5	19.4	58.2





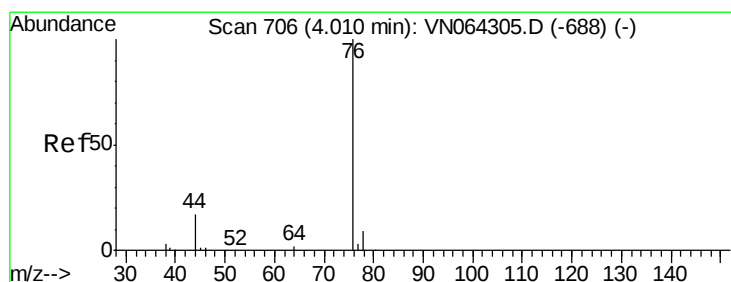
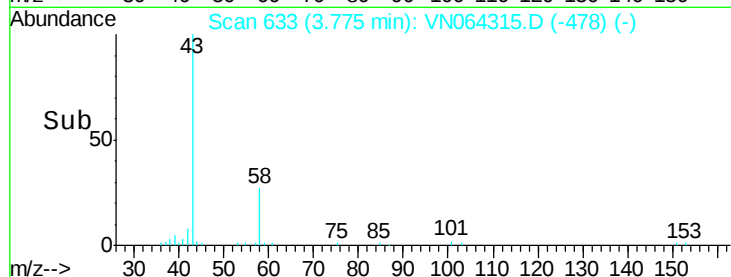
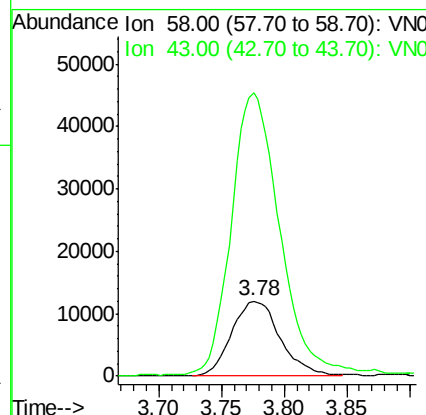
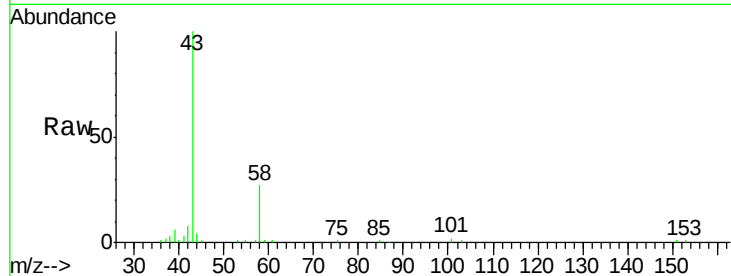
#15
Acetone
Concen: 88.747 ug/l
RT: 3.78 min Scan# 633
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	58	Resp	32581
Ion Ratio	Lower	Upper	
58	100		
43	369.9	289.9	434.9

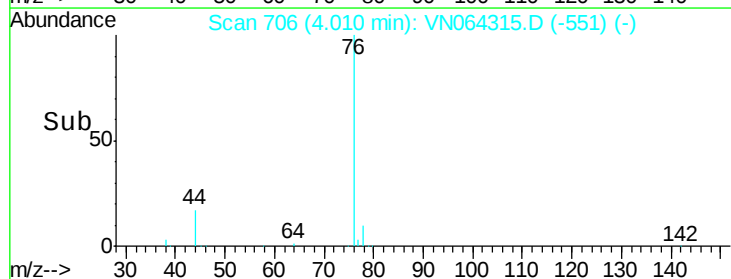
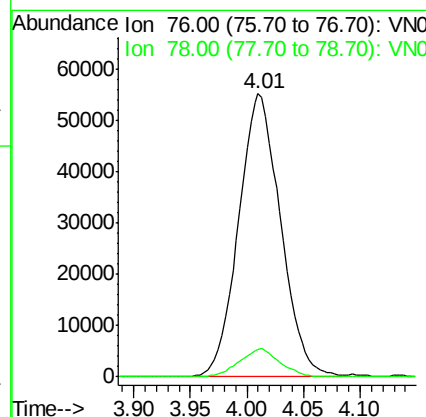
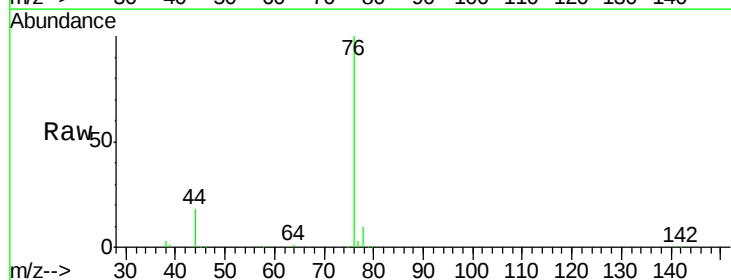
Manual Integrations
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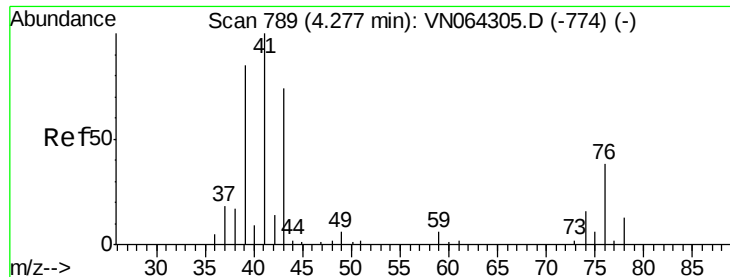
MMDadoda
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#16
Carbon Disulfide
Concen: 18.793 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	76	Resp	142948
Ion Ratio	Lower	Upper	
76	100		
78	9.6	7.0	10.4





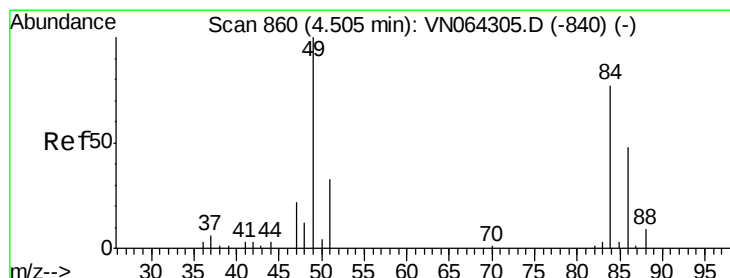
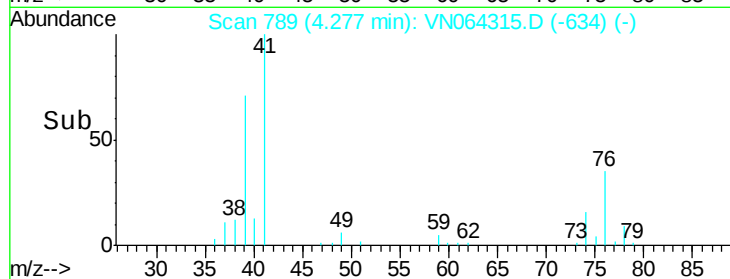
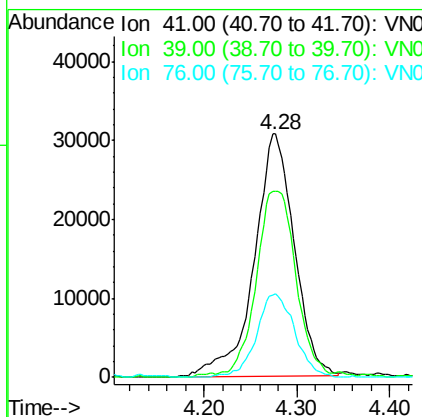
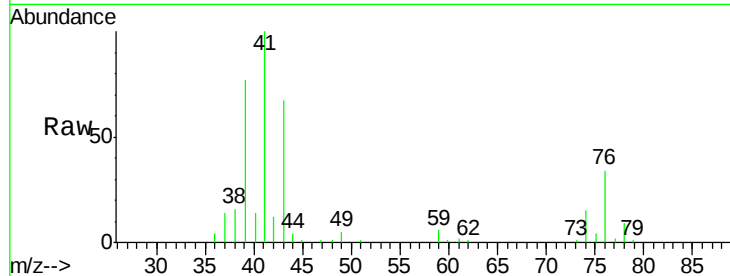
#17
Allvl chloride
Concen: 18.948 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.1	40.3	120.9
76	34.4	17.6	52.9

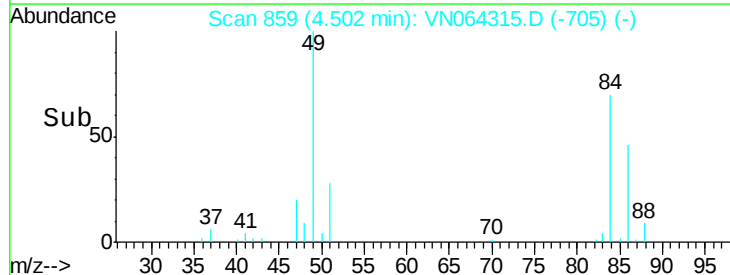
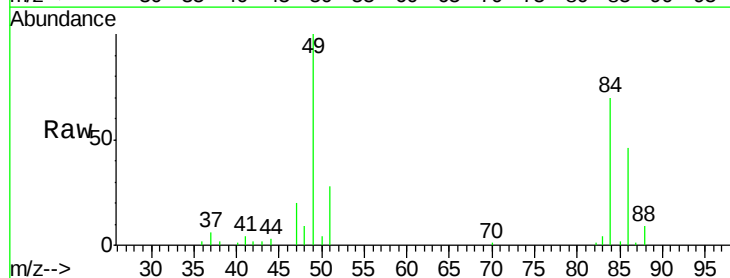
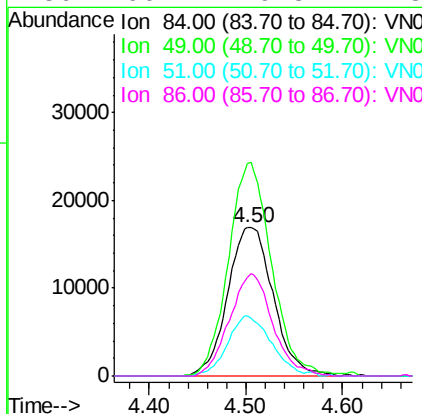
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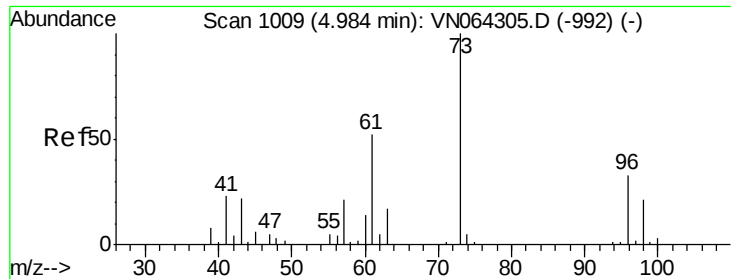
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#18
Methylene Chloride
Concen: 18.925 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.7	103.1	154.7
51	40.6	33.8	50.8
86	66.4	49.8	74.8





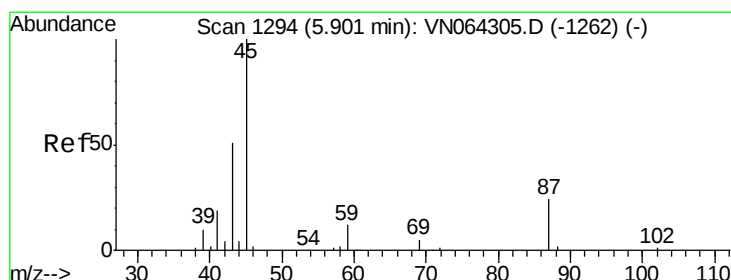
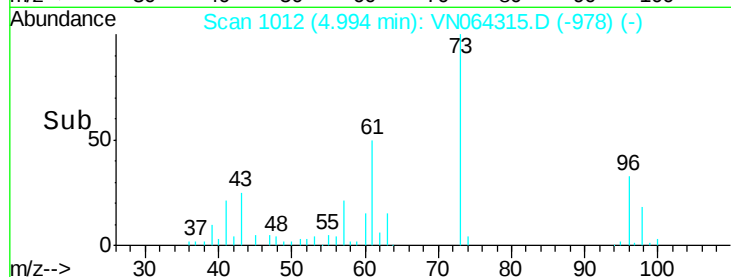
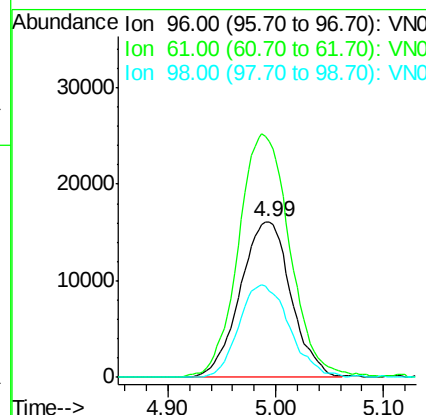
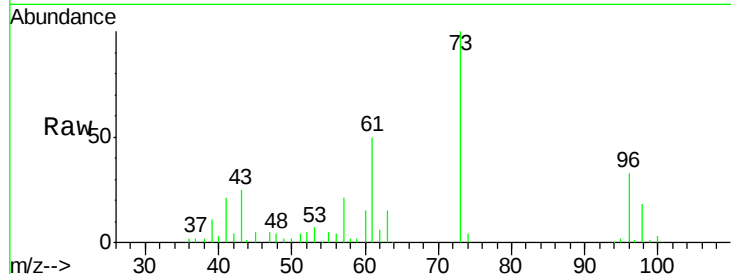
#19
trans-1,2-Dichloroethene
Concen: 18.972 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.9	126.9	190.3
98	55.0	50.6	76.0

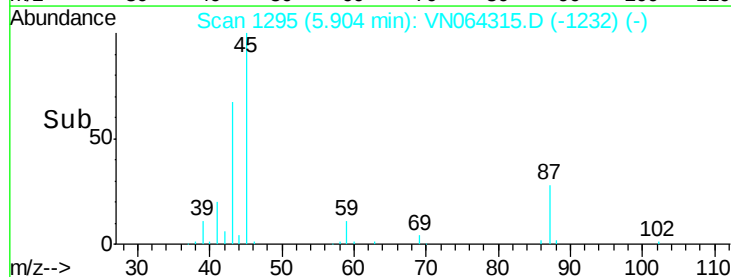
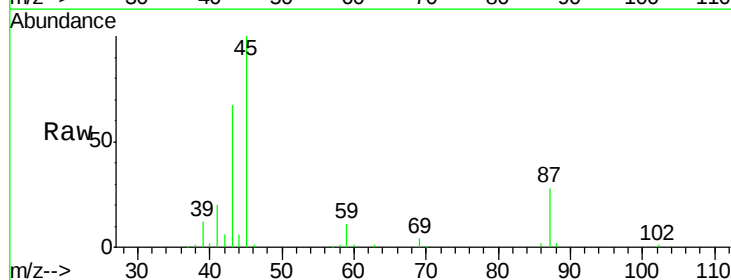
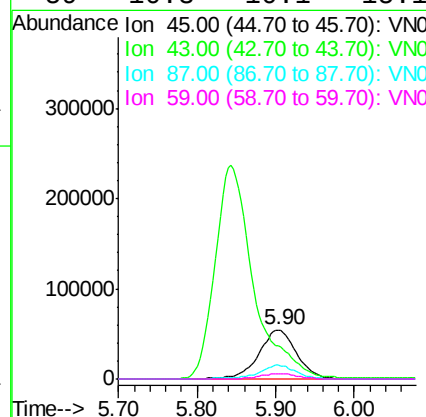
Manual Integrations
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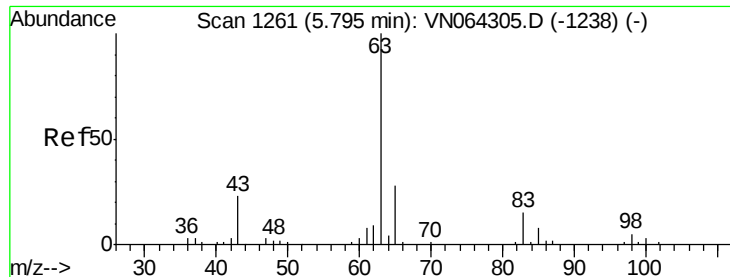
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#20
Diisopropyl ether
Concen: 18.580 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.3	56.6	85.0
87	27.4	20.3	30.5
59	10.3	10.1	15.1





#21

1,1-Dichloroethane

Concen: 18.704 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

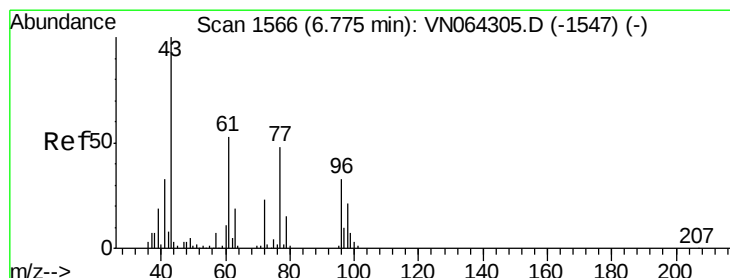
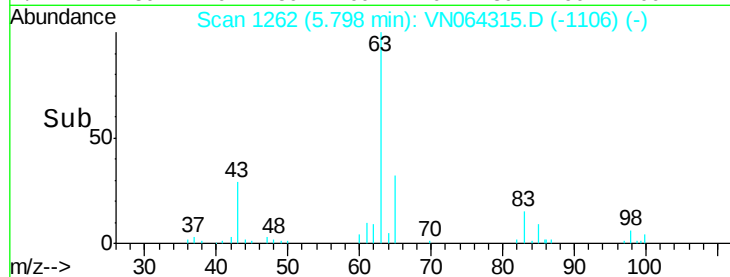
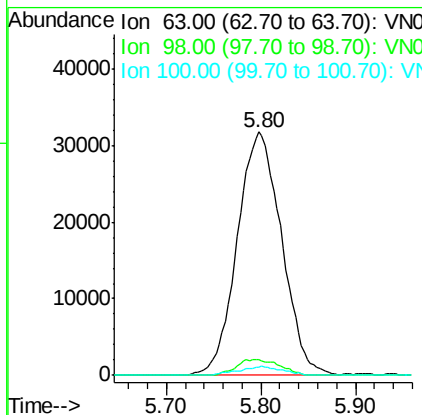
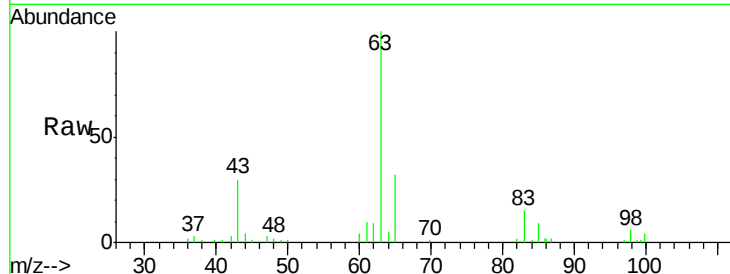
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	103178
Ion Ratio		Lower	Upper
63	100		
98	6.4	2.6	8.0
100	3.6	1.6	4.8

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.524 ug/l

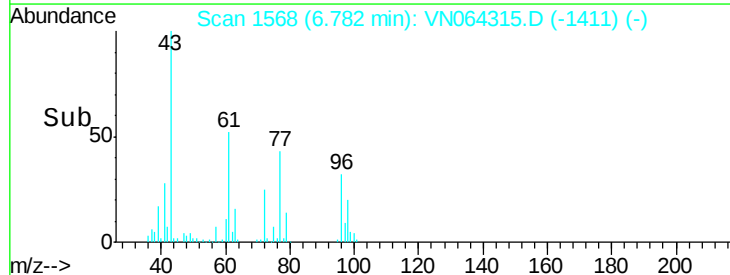
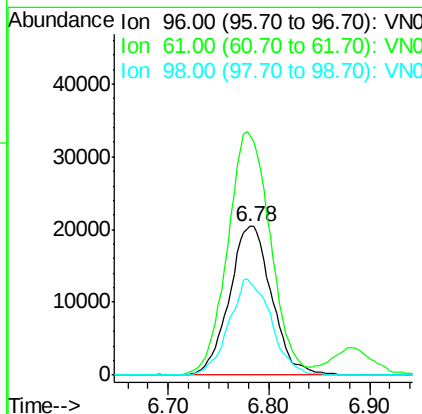
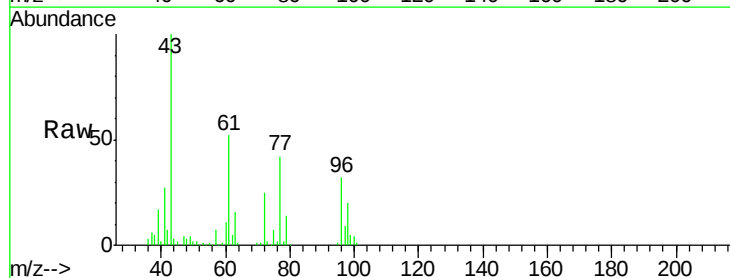
RT: 6.78 min Scan# 1568

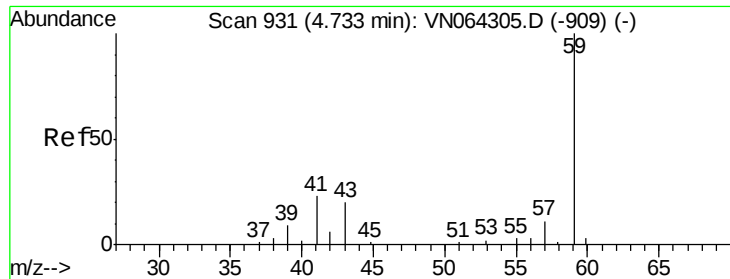
Delta R.T. 0.01 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Tgt Ion:	96	Resp:	59447
Ion Ratio		Lower	Upper
96	100		
61	165.5	133.0	199.6
98	64.0	51.6	77.4





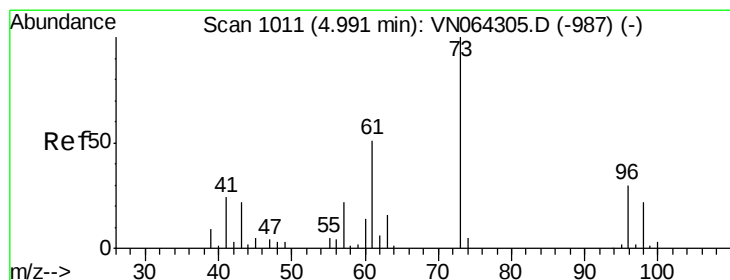
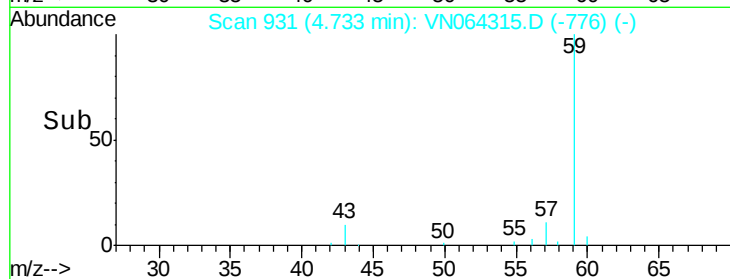
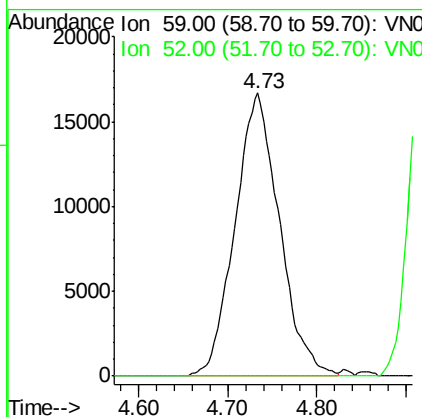
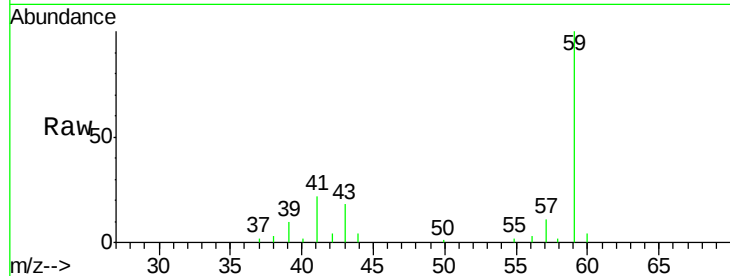
#23
 tert-Butyl Alcohol
 Concen: 95.074 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		57750		
52	0.0		0.0	0.0	0.0

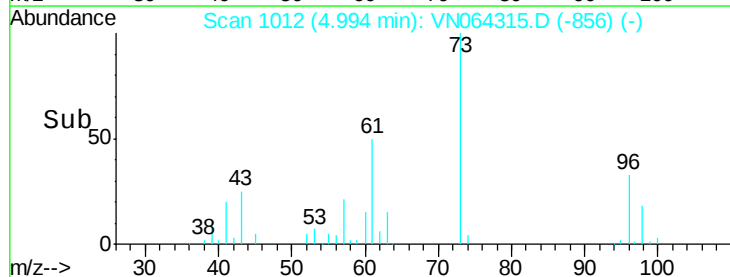
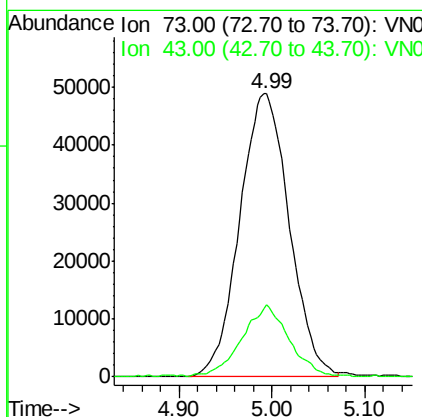
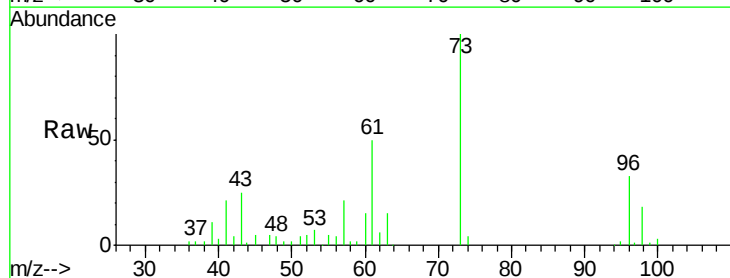
Manual Integrations
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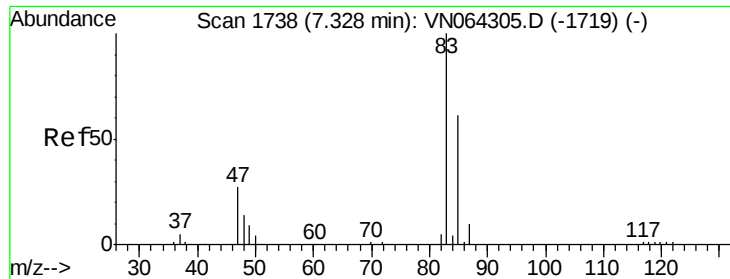
MMDadoda
 10/27/2020 2:21:40 PM



#24
 Methyl tert-Butyl Ether
 Concen: 18.777 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	100		181753		
43	24.1		19.4	29.2	





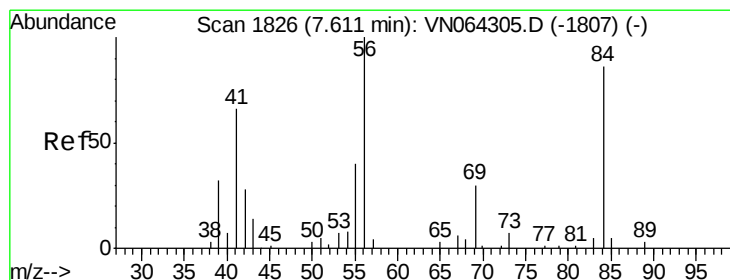
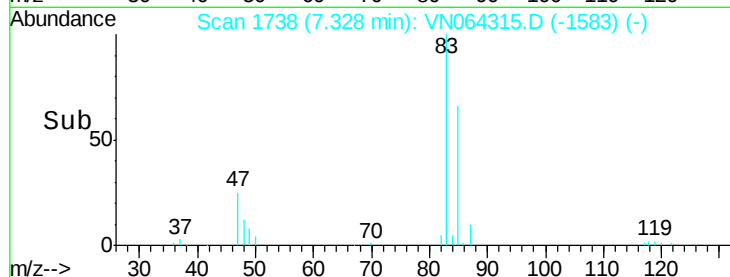
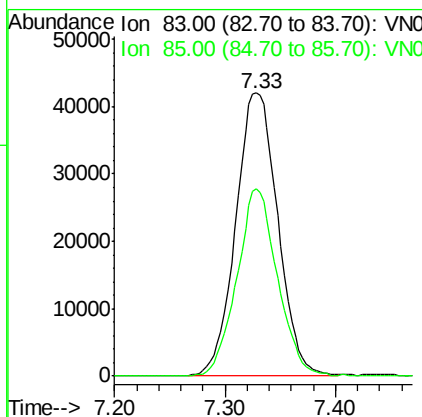
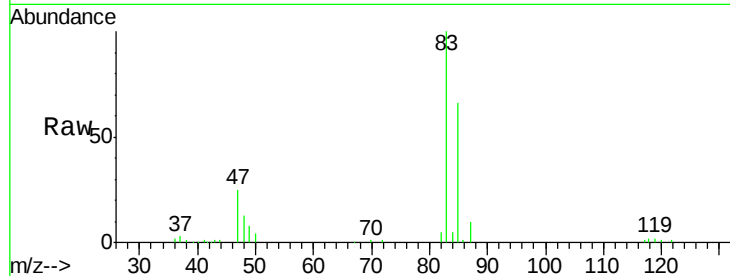
#25
Chloroform
Concen: 19.507 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	111011
Ion Ratio	100	Lower	Upper
85	66.2	48.6	73.0

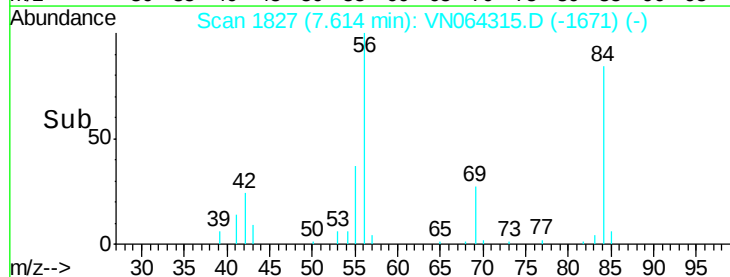
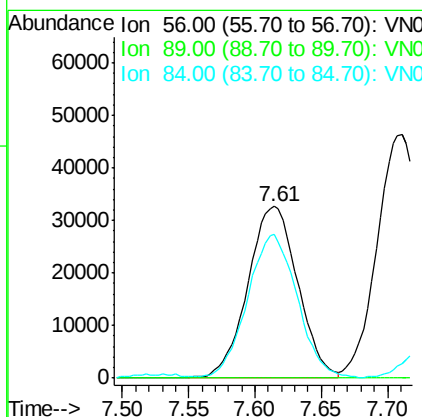
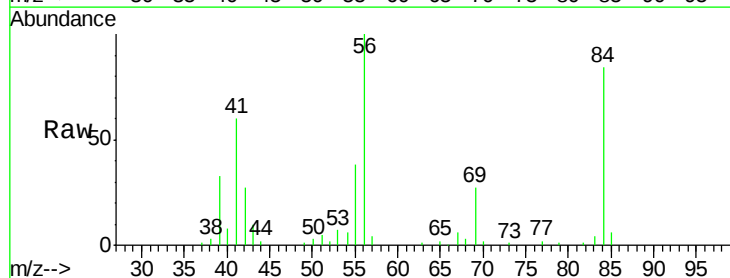
Manual Integrations
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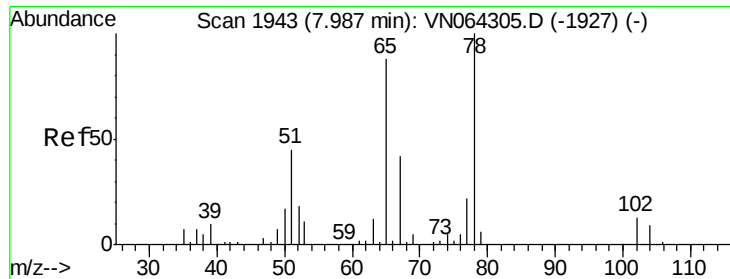
MMDadoda
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#26
Cyclohexane
Concen: 19.011 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	56	Resp	85909
Ion Ratio	100	Lower	Upper
89	0.0	1.0	1.6#
84	82.9	67.5	101.3





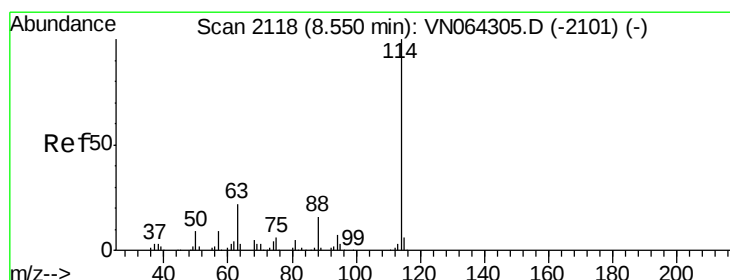
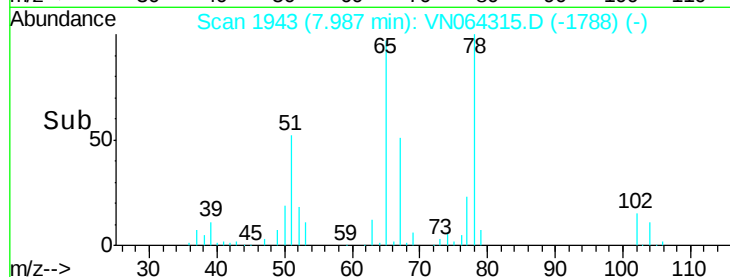
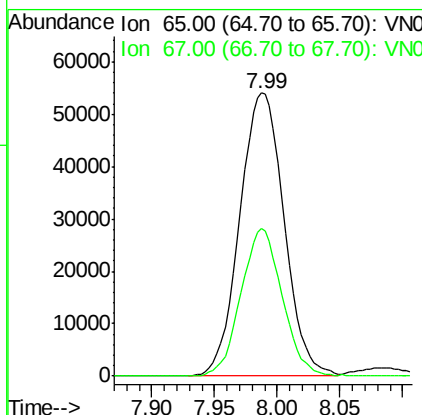
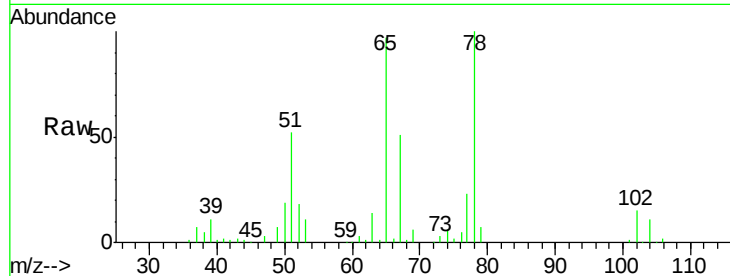
#27
 1,2-Dichloroethane-d4
 Concen: 32.394 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.3	38.5	57.7

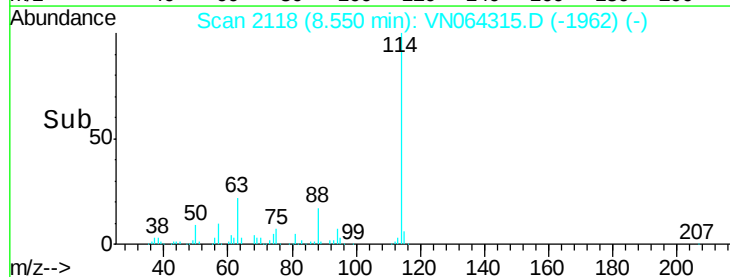
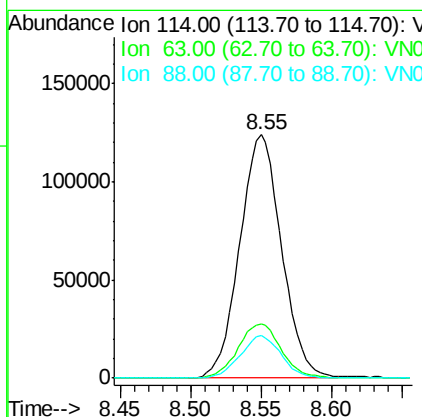
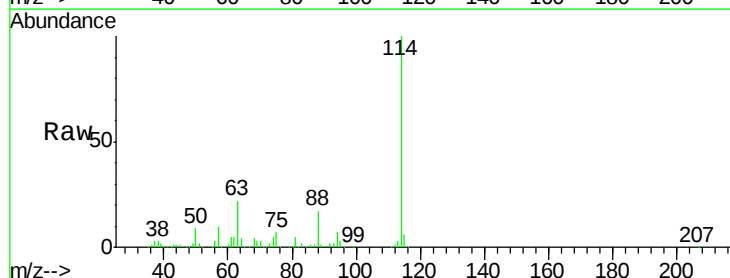
Manual Integrations
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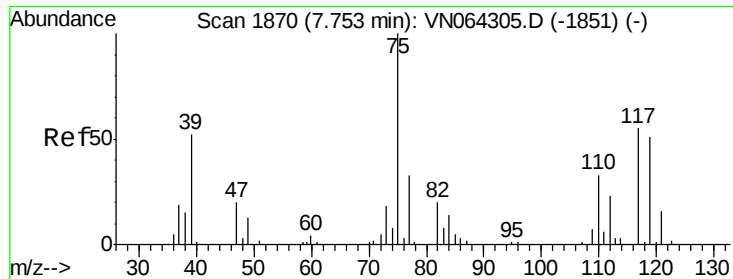
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	18.3	27.5
88	17.3	13.2	19.8





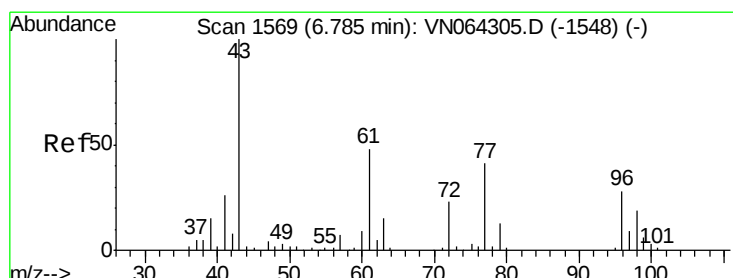
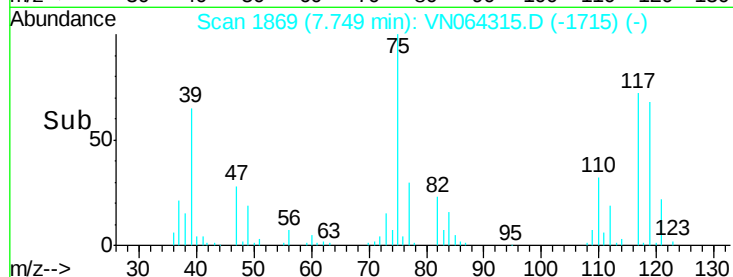
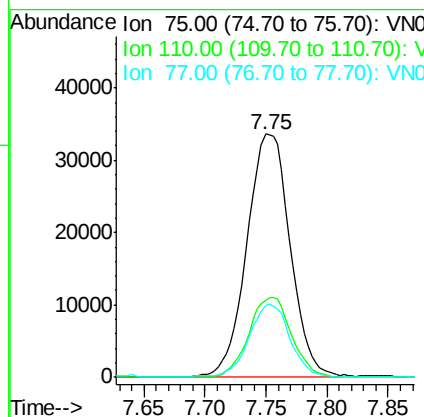
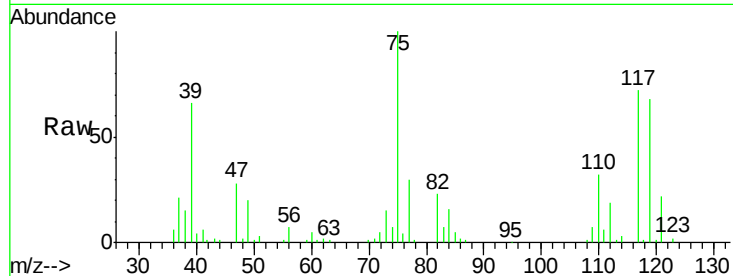
#29
 1,1-Dichloropropene
 Concen: 18.684 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.2	0.0	64.4
77	28.7	0.0	63.6

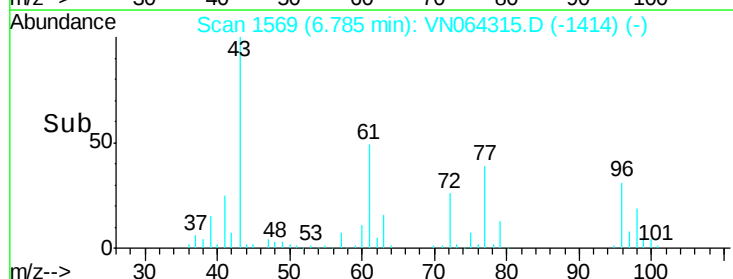
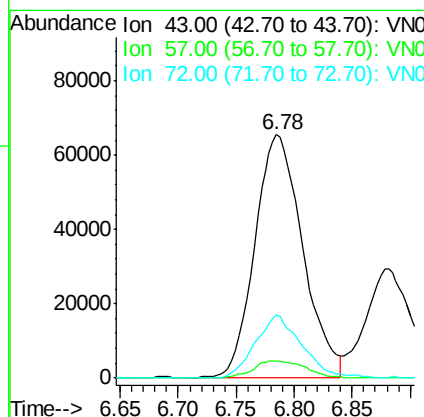
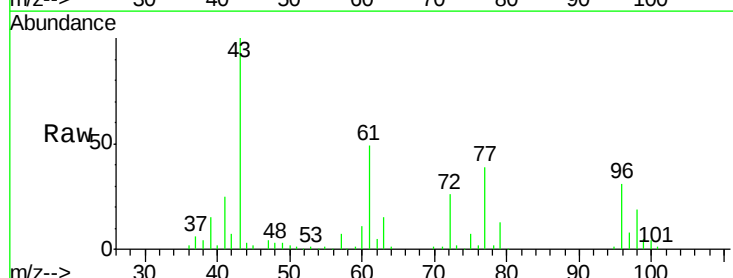
Manual Integrations
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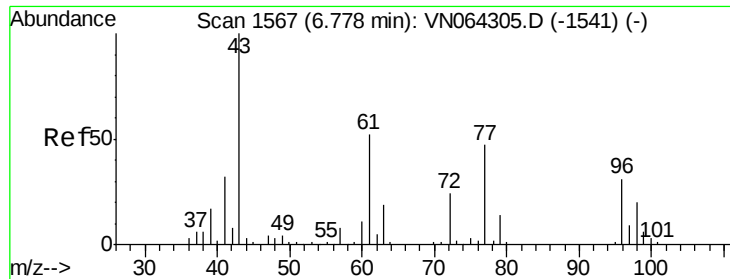
MMDadoda
 10/27/2020 2:21:40 PM



#30
 2-Butanone
 Concen: 90.175 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	4.1	6.1#
72	25.2	19.0	28.6





#31

2,2-Dichloropropane

Concen: 16.852 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 89596

Ion Ratio Lower Upper

77 100

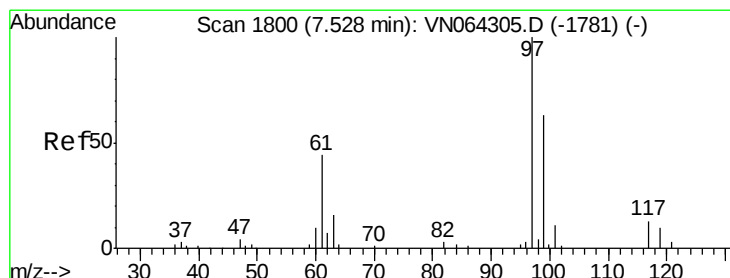
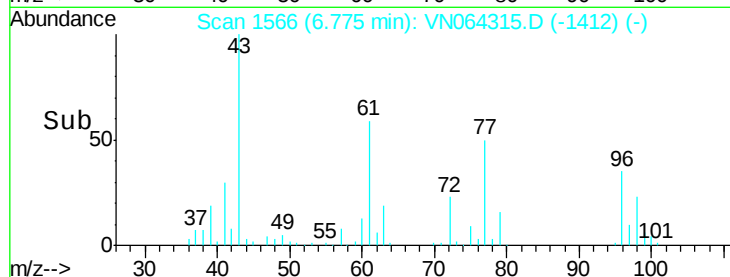
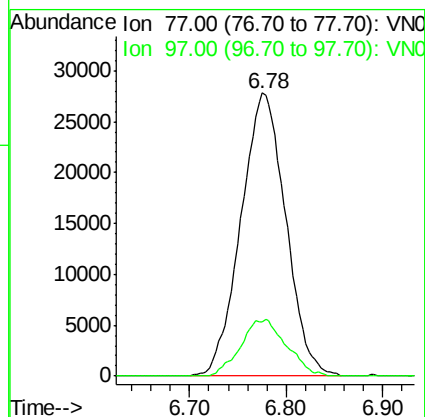
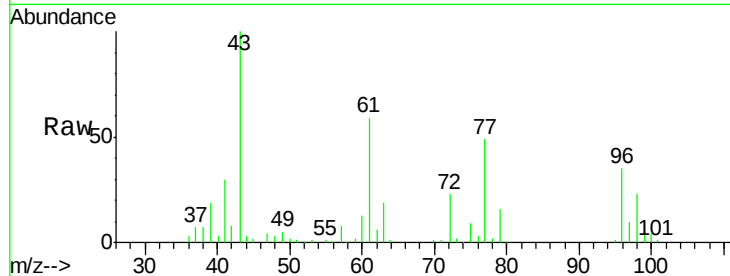
97 9.0 5.8 8.8#

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.092 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

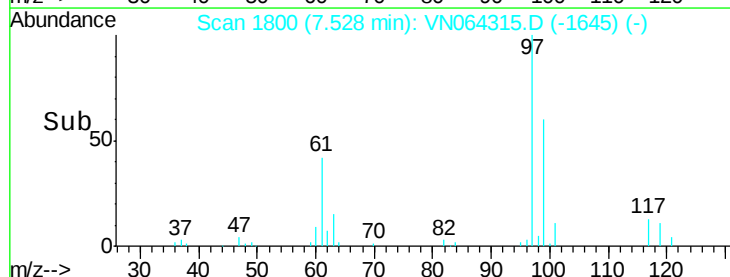
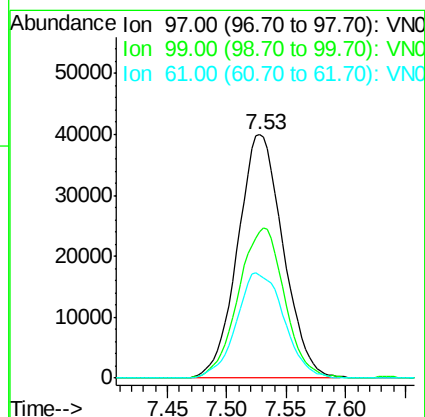
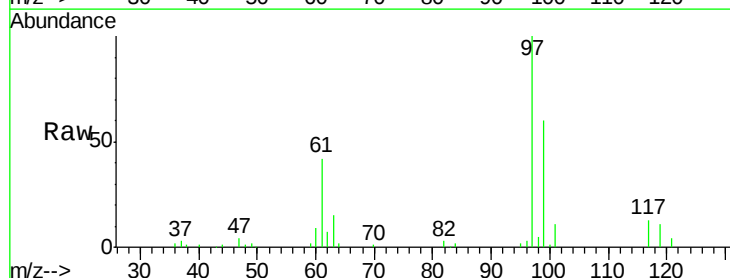
Tgt Ion: 97 Resp: 105773

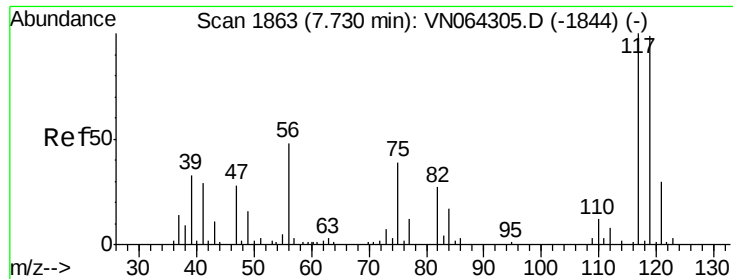
Ion Ratio Lower Upper

97 100

99 62.2 51.6 77.4

61 45.2 36.4 54.6





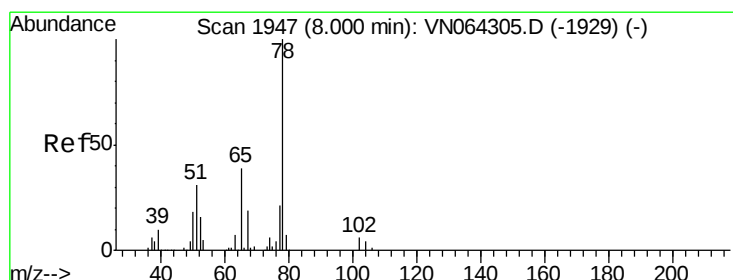
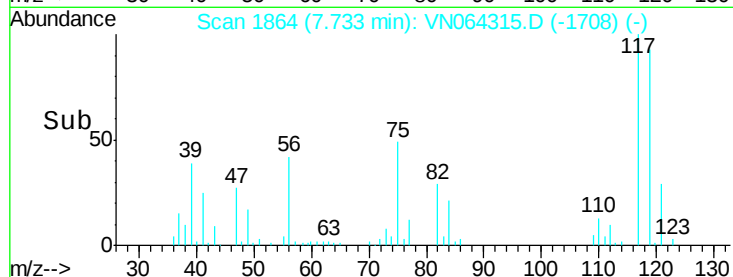
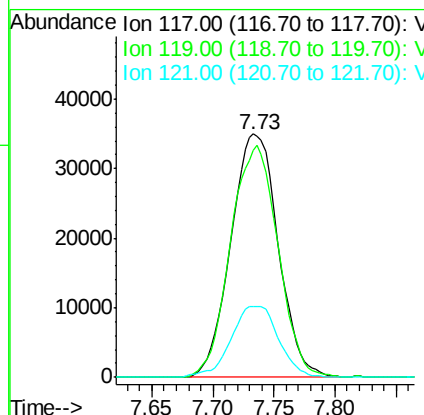
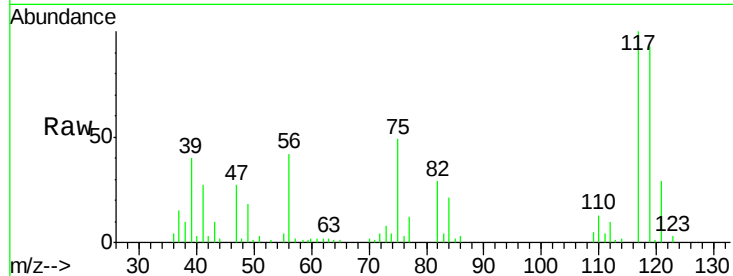
#33
Carbon Tetrachloride
Concen: 18.561 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.9	79.3	118.9
121	29.3	24.6	37.0

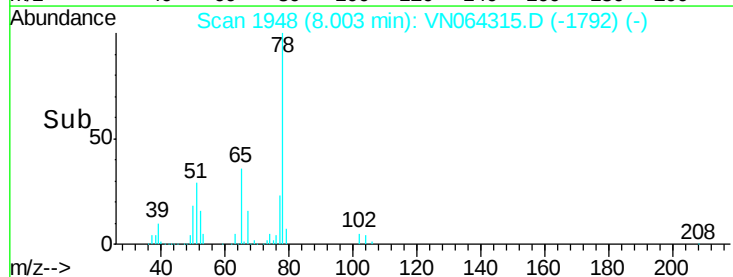
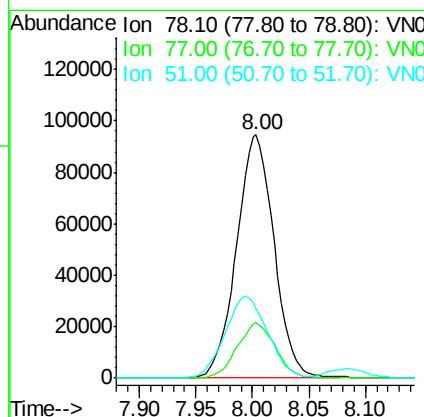
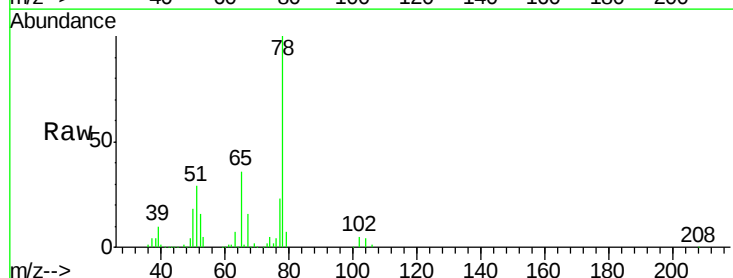
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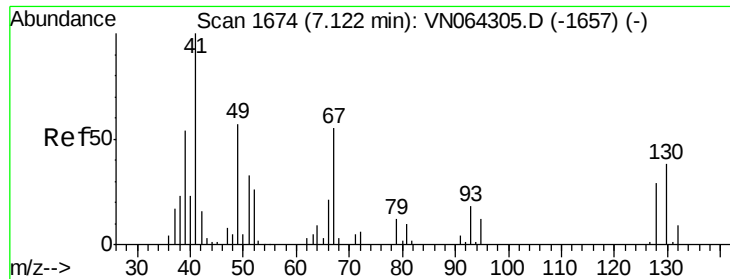
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#34
Benzene
Concen: 18.434 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	16.5	24.7
51	28.3	24.5	36.7





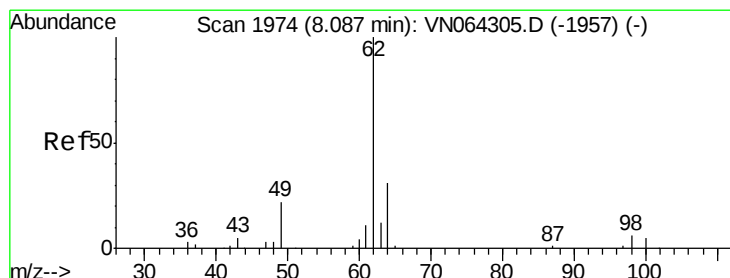
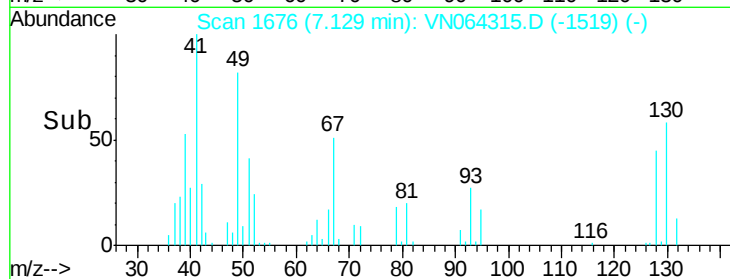
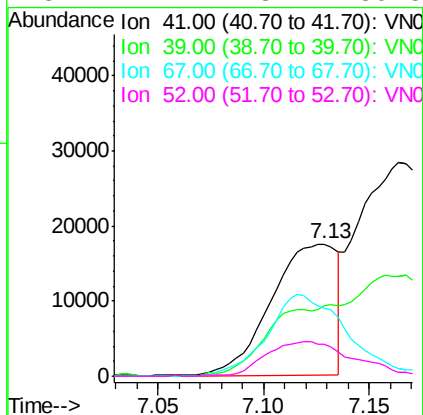
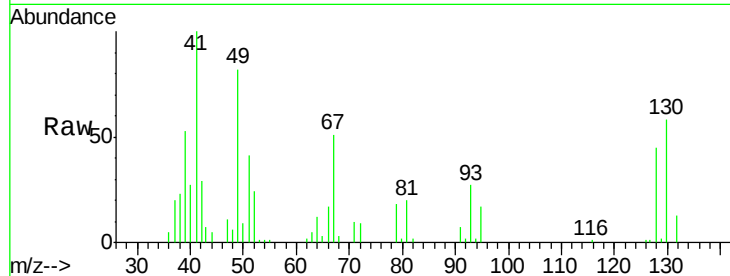
#35
Methacrylonitrile
Concen: 17.388 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	27.1	81.2	
67	51.8	27.7	83.1	
52	24.2	13.2	39.5	

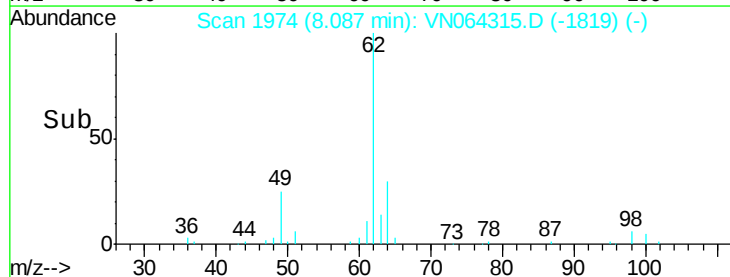
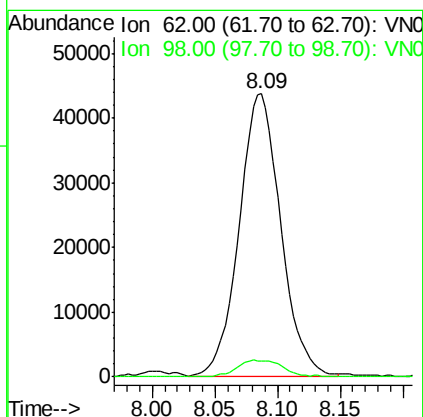
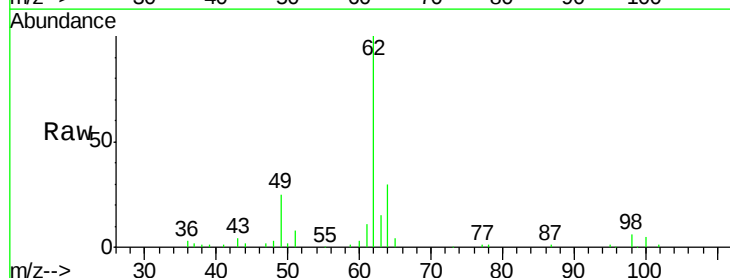
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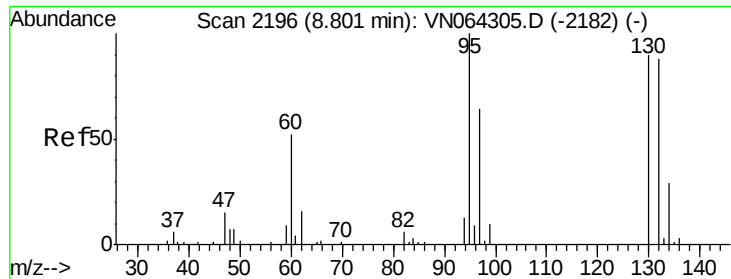
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#36
1,2-Dichloroethane
Concen: 19.182 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	3.5	3.4	5.0	





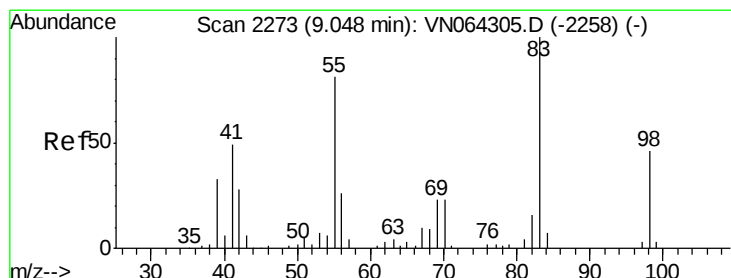
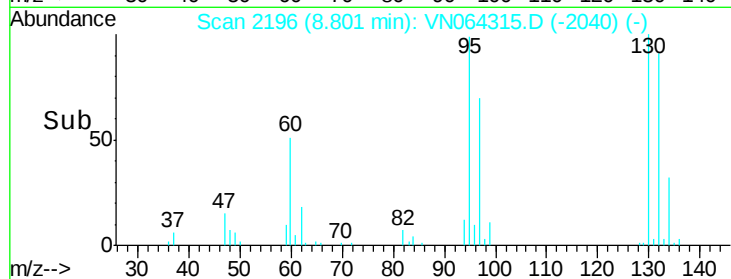
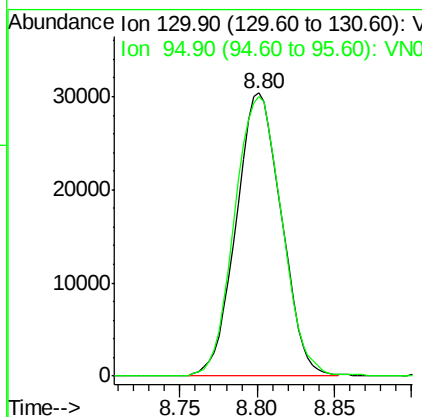
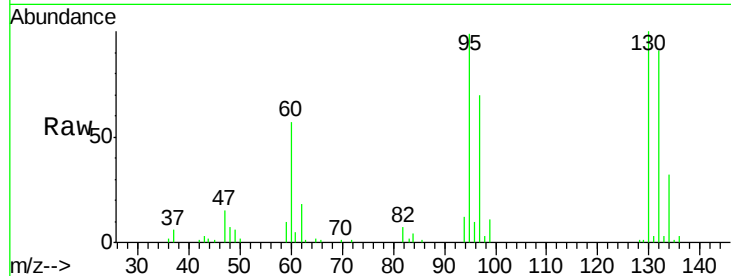
#37
 Trichloroethene
 Concen: 19.083 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 61827
 Ion Ratio Lower Upper
 130 100
 95 98.8 88.8 133.2

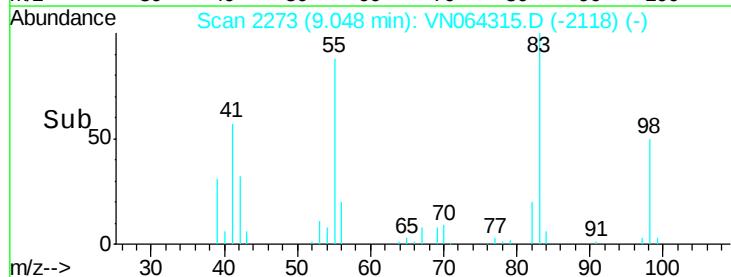
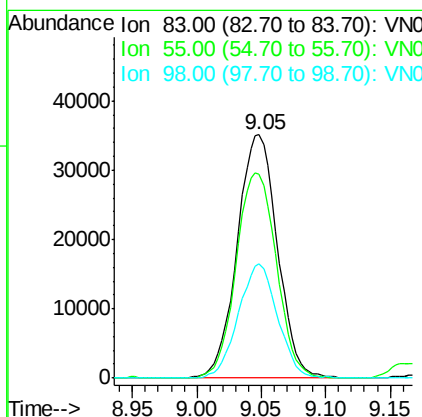
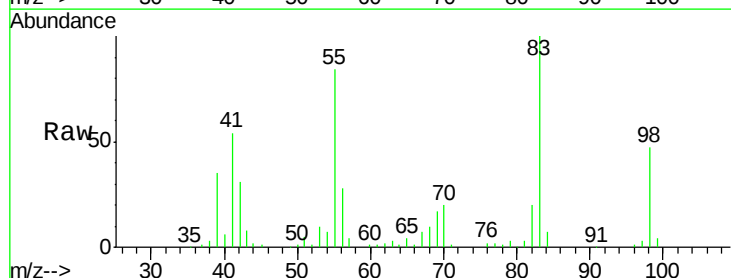
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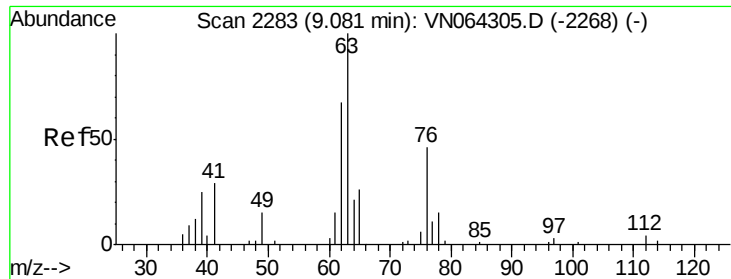
MMDadoda
 10/27/2020 2:21:40 PM



#38
 Methylcyclohexane
 Concen: 17.818 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion: 83 Resp: 76201
 Ion Ratio Lower Upper
 83 100
 55 84.6 40.3 120.8
 98 45.6 22.8 68.3





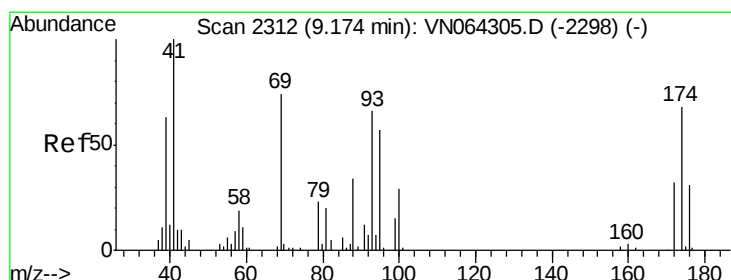
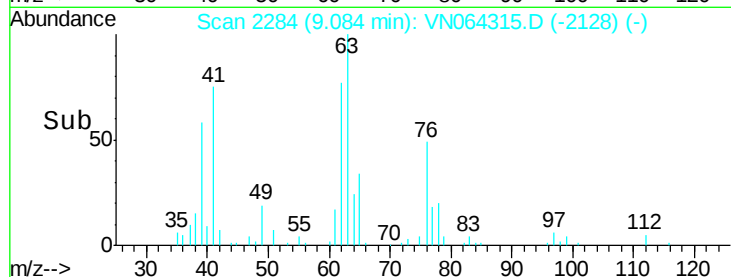
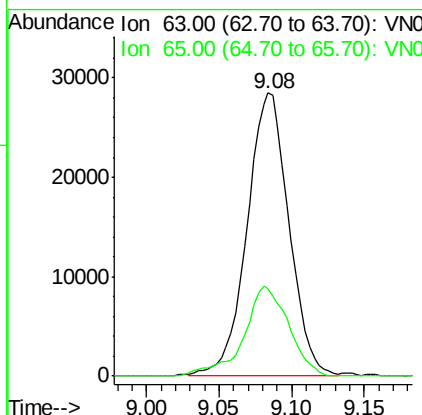
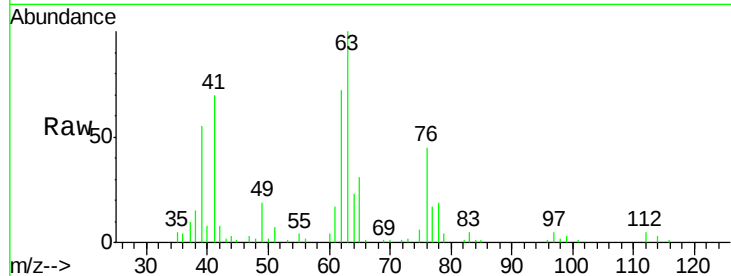
#39
 1,2-Dichloropropane
 Concen: 17.888 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 57363
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.6 33.8

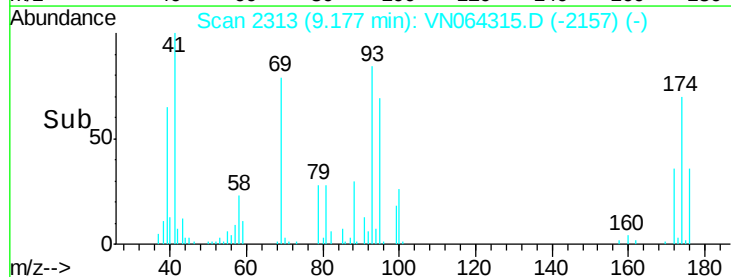
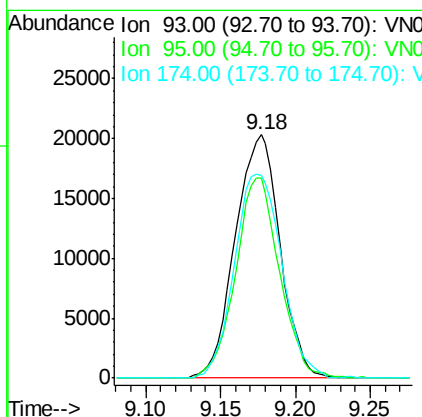
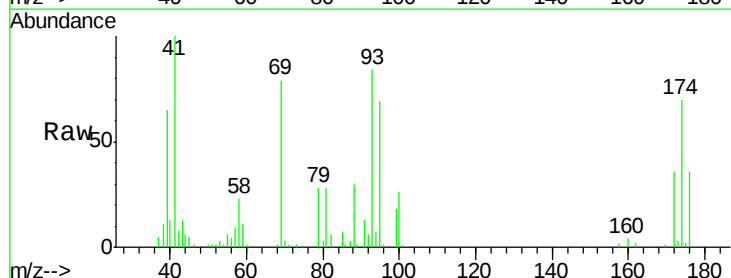
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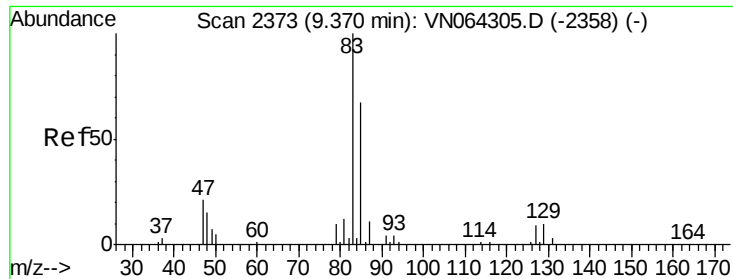
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#40
 Dibromomethane
 Concen: 19.045 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion: 93 Resp: 42389
 Ion Ratio Lower Upper
 93 100
 95 80.6 0.0 174.4
 174 88.6 0.0 188.0





#41

Bromodichloromethane

Concen: 18.643 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

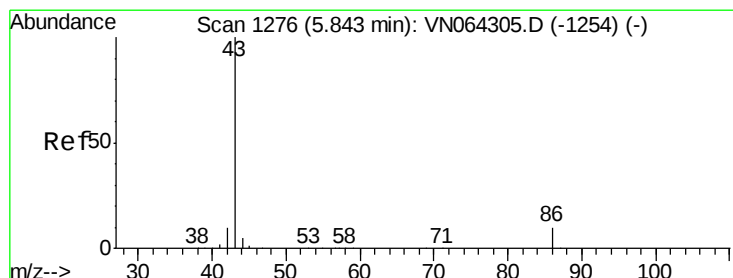
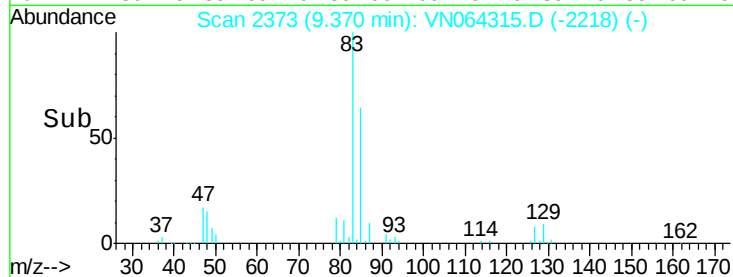
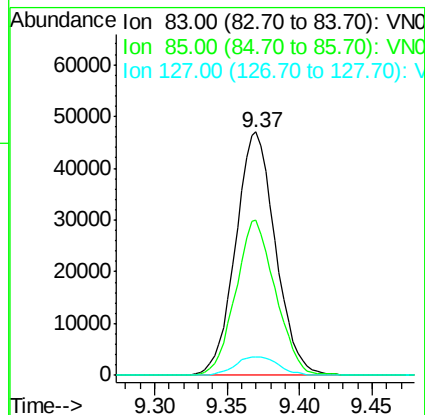
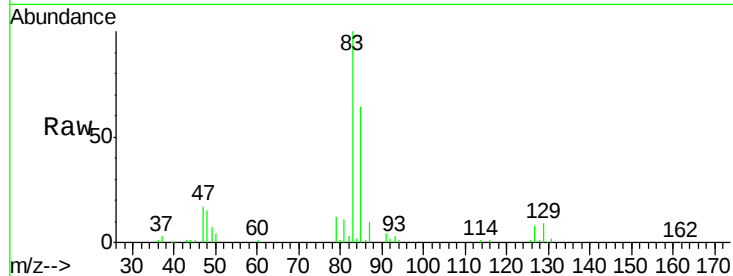
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	89618
Ion Ratio	Lower	Upper	
83	100		
85	64.0	53.4	80.0
127	7.6	7.0	10.4

Manual Integrations
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10/27/2020 2:21:40 PM



#42

Vinyl Acetate

Concen: 90.087 ug/l

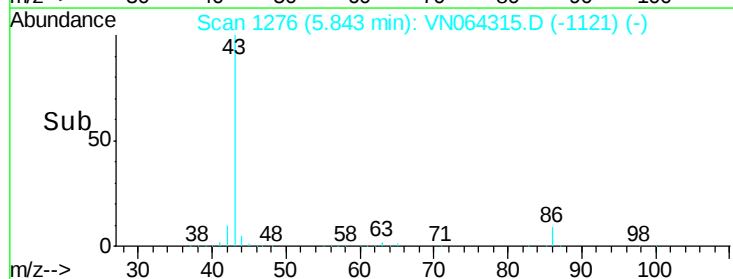
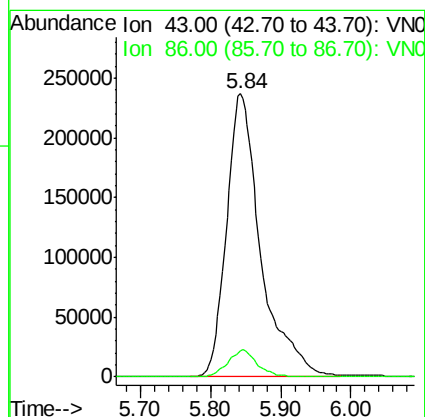
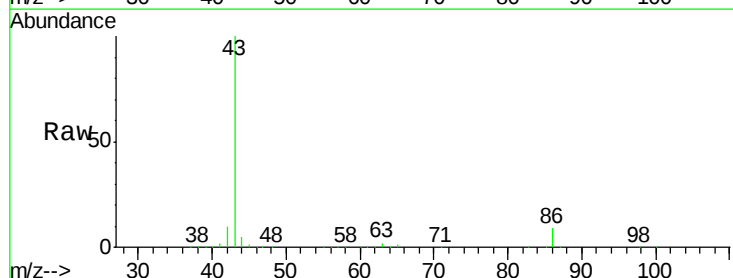
RT: 5.84 min Scan# 1276

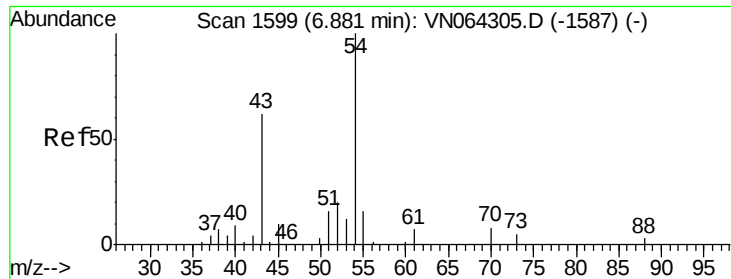
Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Tgt Ion:	43	Resp:	802817
Ion Ratio	Lower	Upper	
43	100		
86	7.9	6.6	9.8





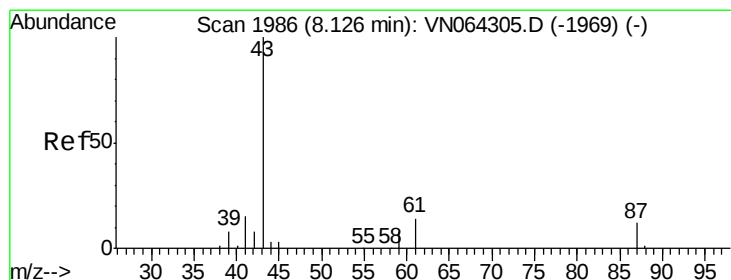
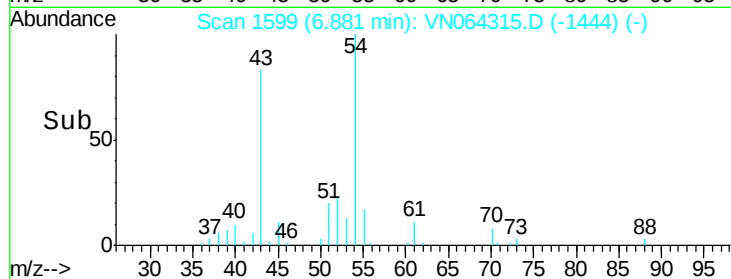
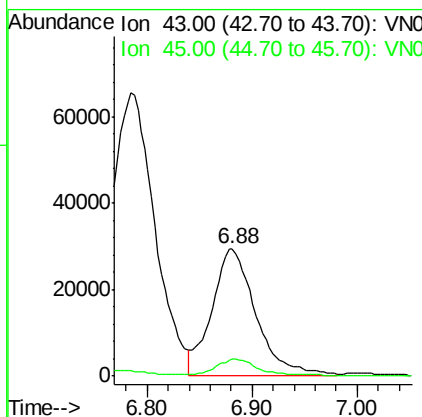
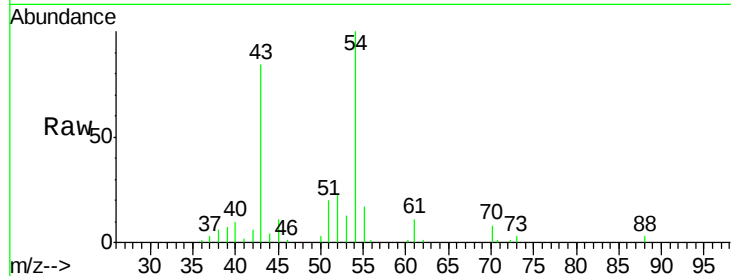
#43
Ethyl Acetate
Concen: 20.334 ug/l m
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 86437
Ion Ratio Lower Upper
43 100
45 1.4 4.0 6.0#

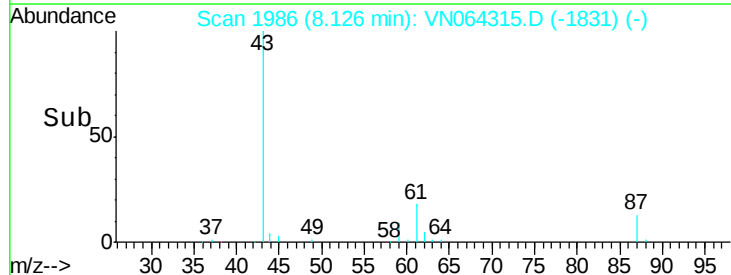
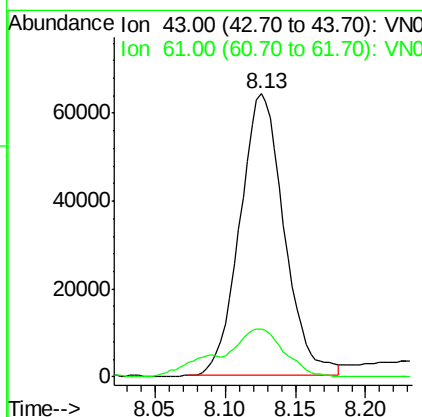
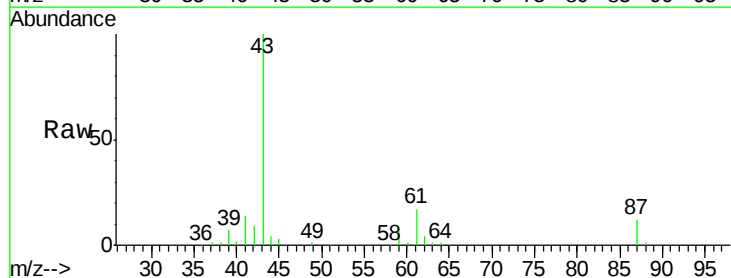
Manual Integrations
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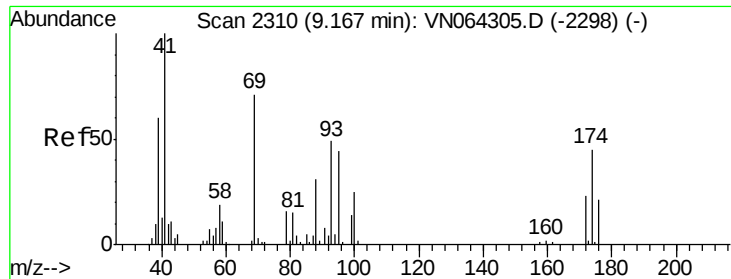
MMDadoda
10/27/2020 2:21:40 PM



#44
Isopropyl Acetate
Concen: 18.076 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion: 43 Resp: 141186
Ion Ratio Lower Upper
43 100
61 18.7 14.3 21.5





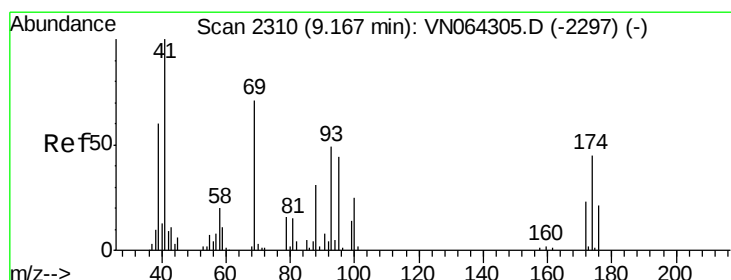
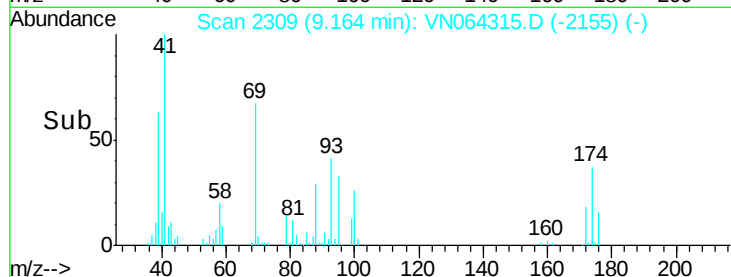
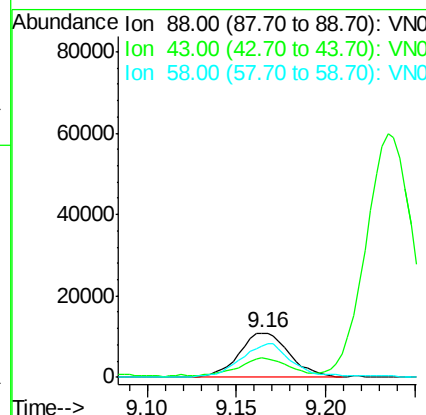
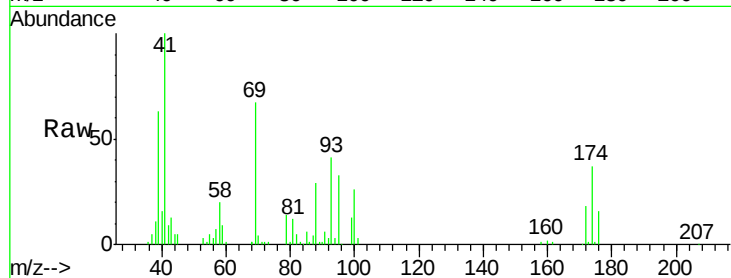
#45
1,4-Dioxane
Concen: 357.929 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.1	31.2	46.8
58	77.9	55.4	83.2

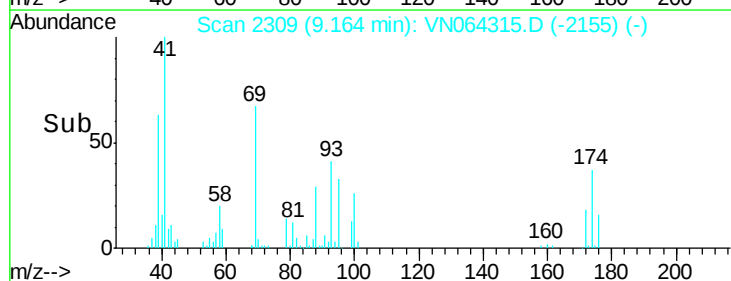
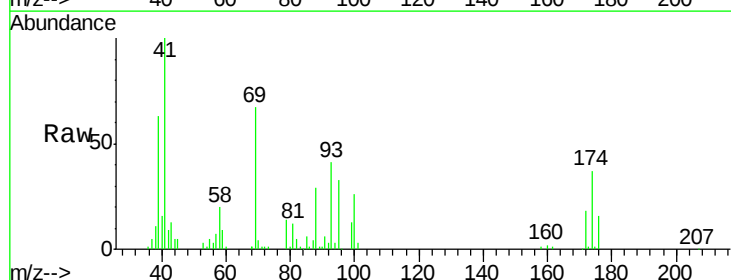
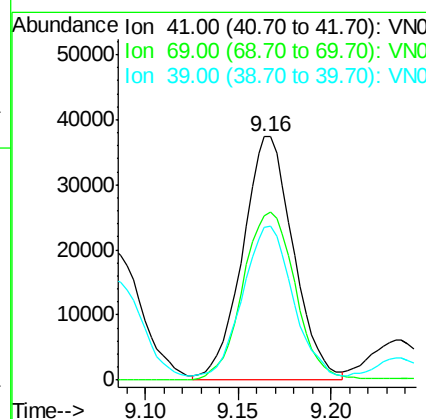
Manual Integrations
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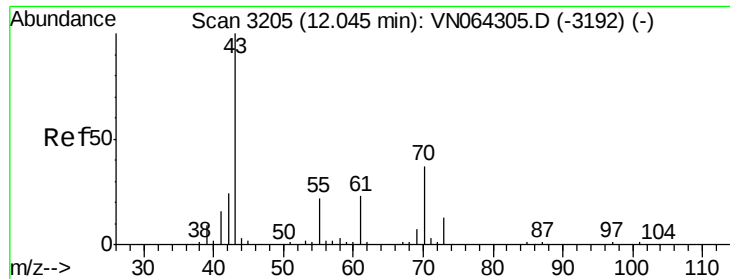
MMDadoda
10/27/2020 2:21:40 PM



#46
Methyl methacrylate
Concen: 18.705 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	68.5	35.3	105.9
39	62.4	30.2	90.6





#47

n-amyl Acetate

Concen: 17.431 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 114623

Ion Ratio Lower Upper

43 100

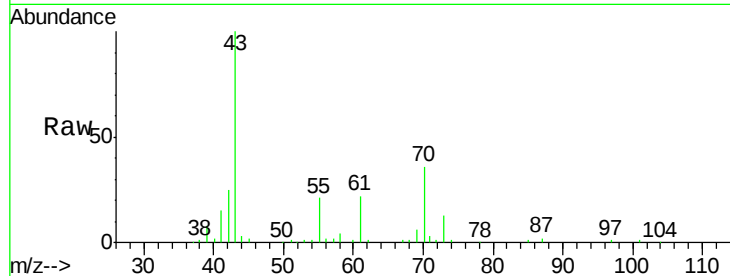
55 20.9 17.3 25.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN064315.D (-3050) (-)

Ion 55.00 (54.70 to 55.70): VN064315.D (-3050) (-)

12.05

80000

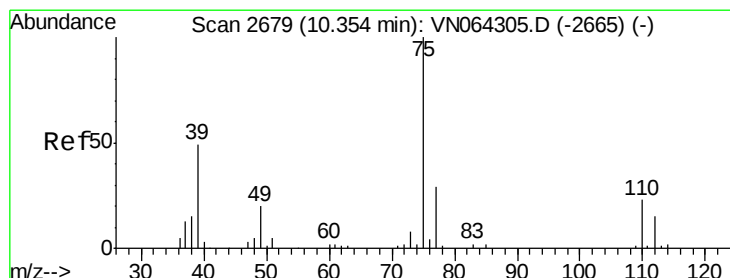
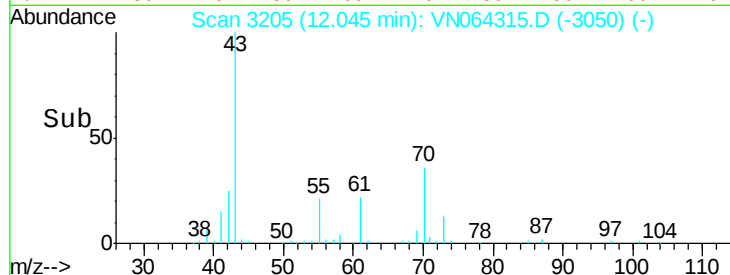
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 17.560 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064315.D

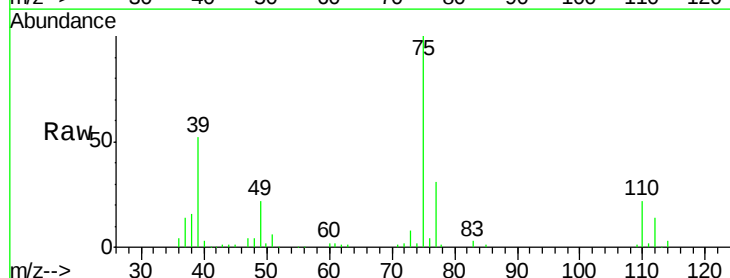
Acq: 26 Oct 2020 21:26

Tgt Ion: 75 Resp: 95209

Ion Ratio Lower Upper

75 100

77 30.4 23.7 35.5



Abundance Ion 75.00 (74.70 to 75.70): VN064315.D (-2524) (-)

Ion 77.00 (76.70 to 77.70): VN064315.D (-2524) (-)

10.35

60000

50000

40000

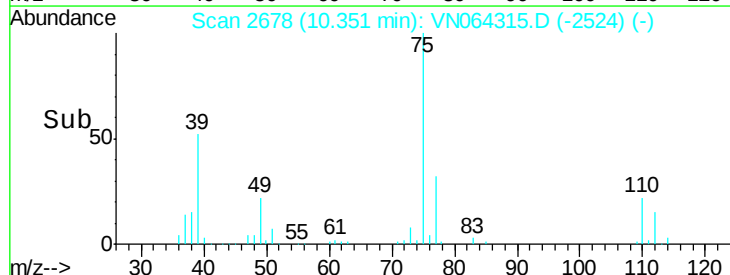
30000

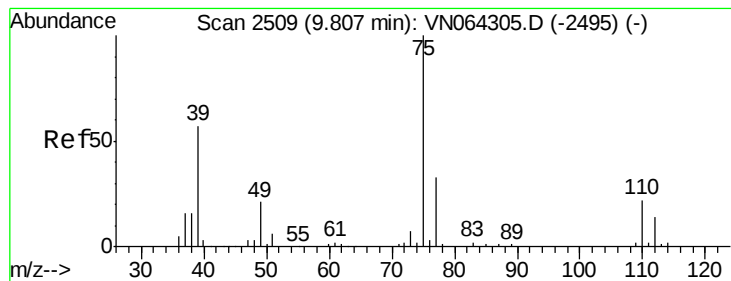
20000

10000

0

Time-->





#49

cis-1,3-Dichloropropene

Concen: 18.160 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 75 Resp: 100348

Ion Ratio Lower Upper

75 100

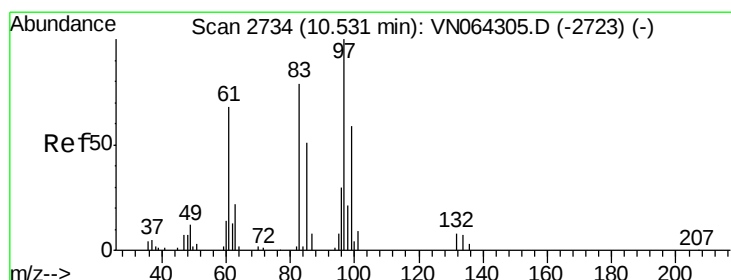
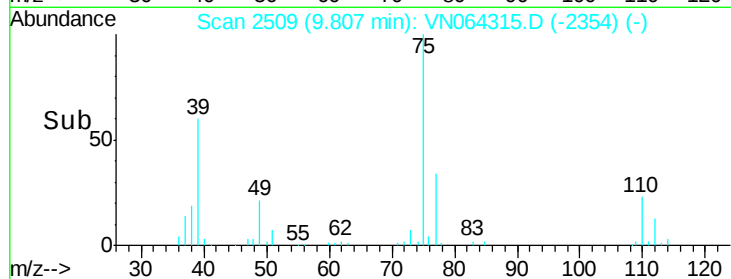
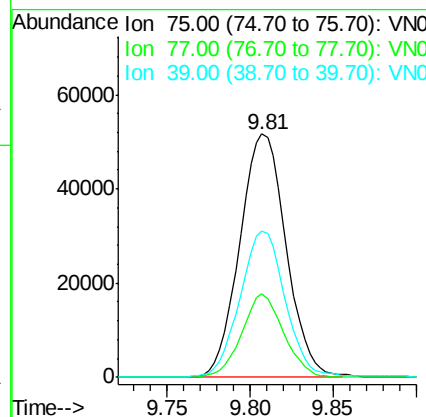
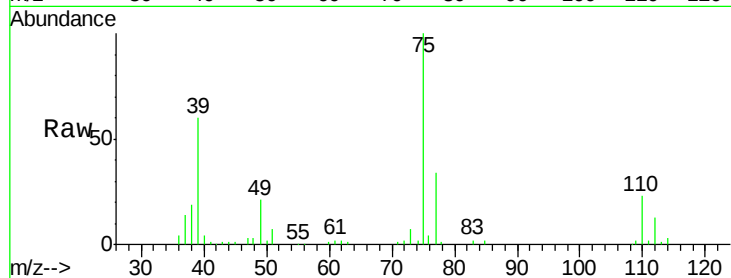
77 34.1 26.7 40.1

39 59.5 45.9 68.9

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.639 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Tgt Ion: 97 Resp: 55697

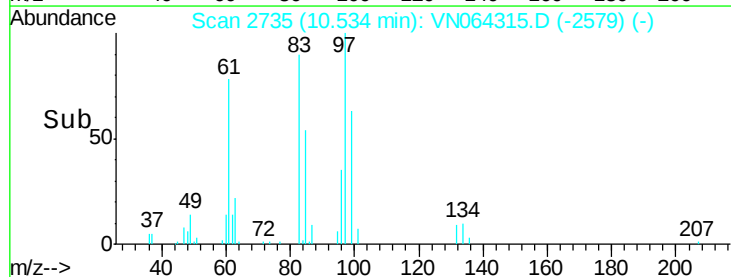
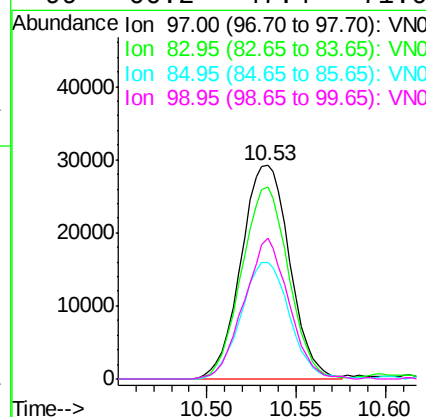
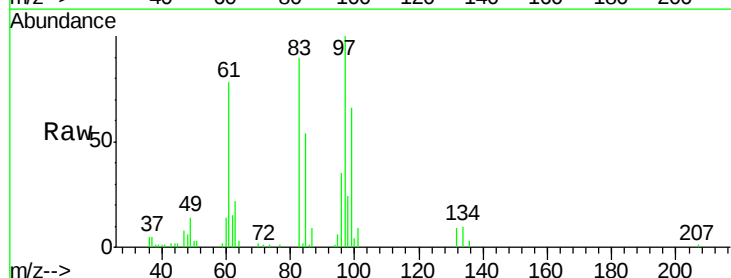
Ion Ratio Lower Upper

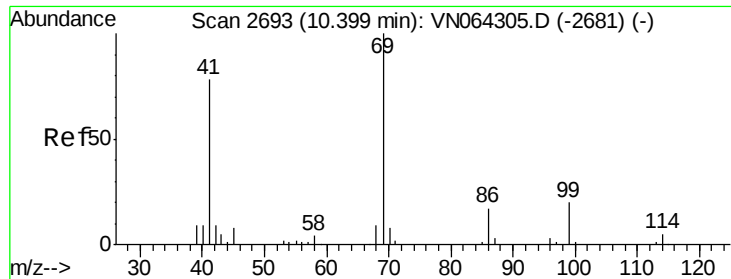
97 100

83 89.7 63.2 94.8

85 54.4 41.0 61.6

99 66.2 47.4 71.0





#51

Ethyl methacrylate

Concen: 17.562 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 69 Resp: 81942

Ion Ratio Lower Upper

69 100

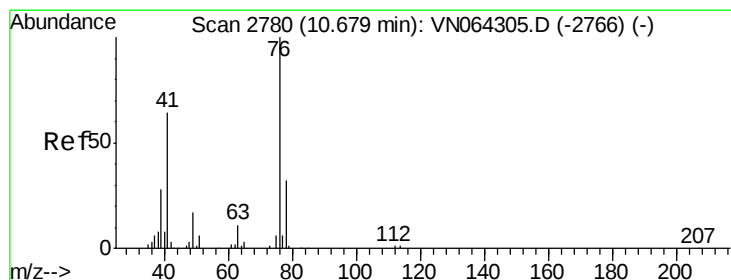
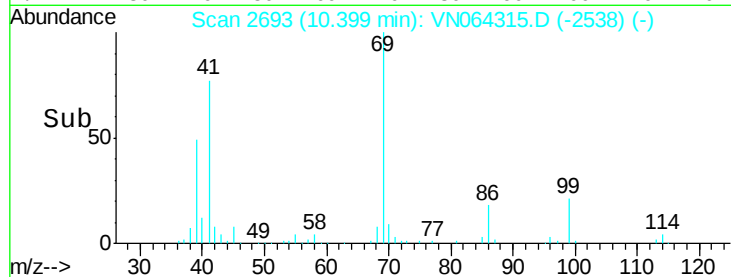
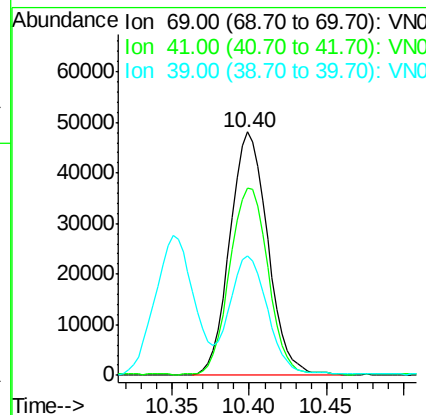
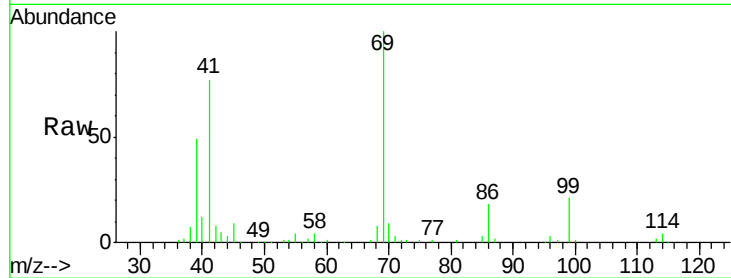
41 76.5 38.8 116.4

39 48.4 24.6 74.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.505 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064315.D

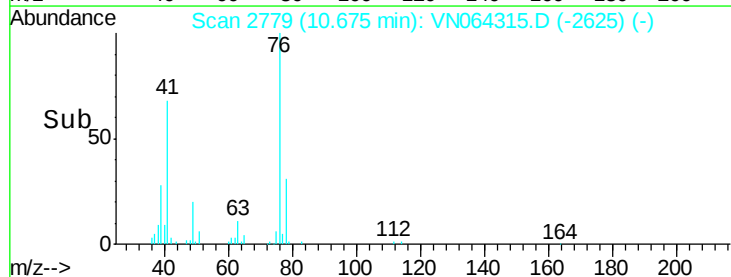
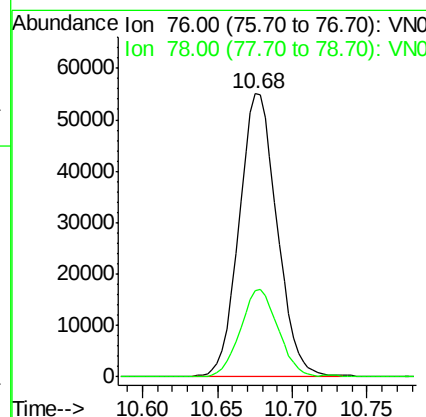
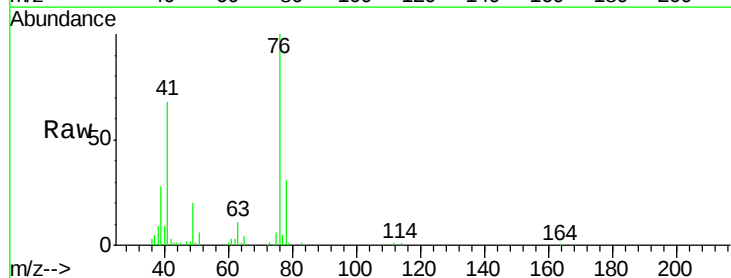
Acq: 26 Oct 2020 21:26

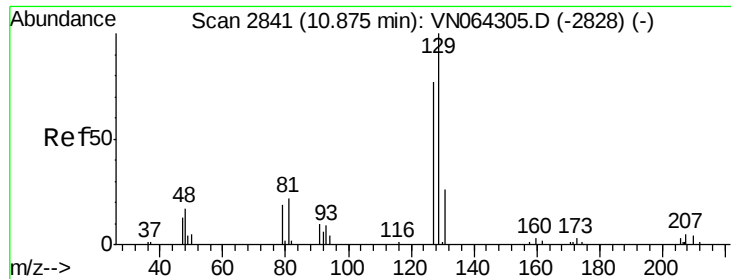
Tgt Ion: 76 Resp: 97099

Ion Ratio Lower Upper

76 100

78 30.8 0.0 61.6





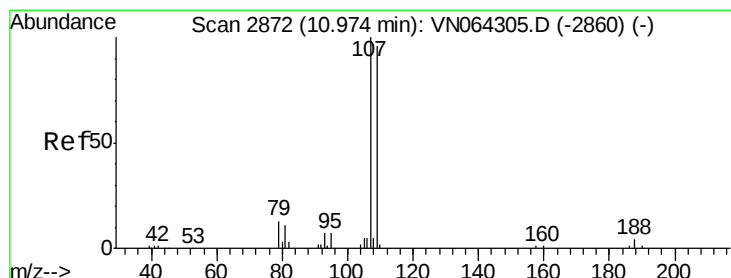
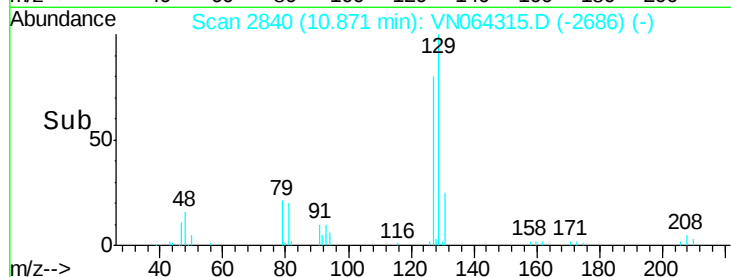
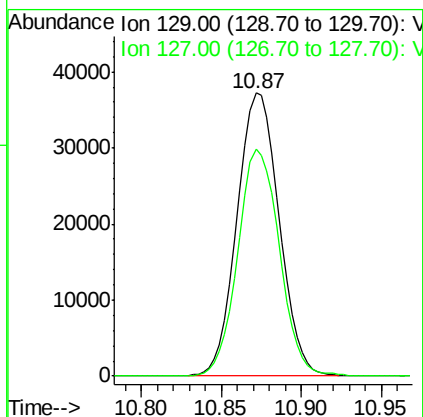
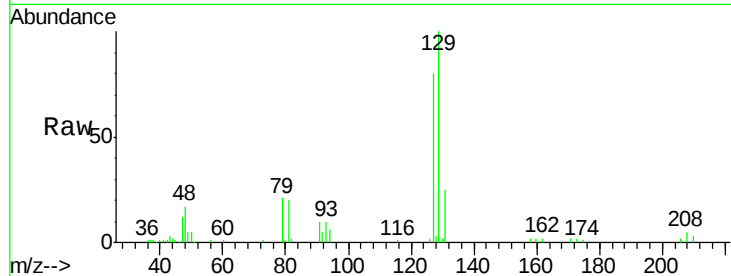
#53
 Dibromochloromethane
 Concen: 18.348 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:129 Resp: 66960
 Ion Ratio Lower Upper
 129 100
 127 79.2 38.9 116.7

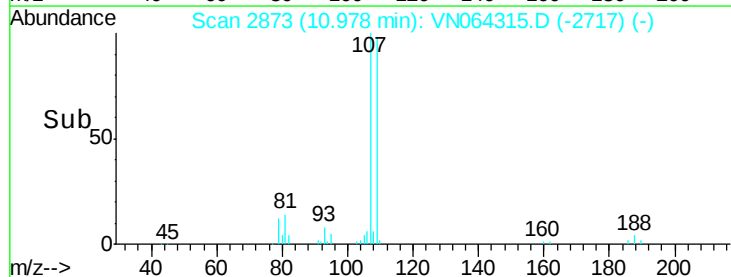
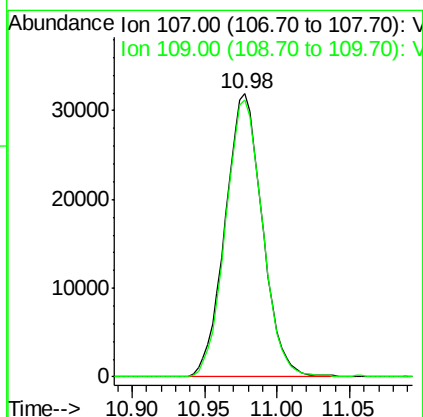
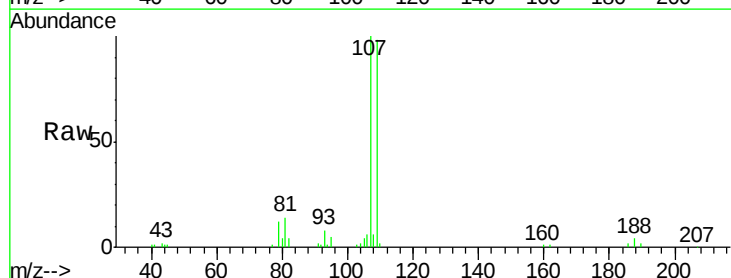
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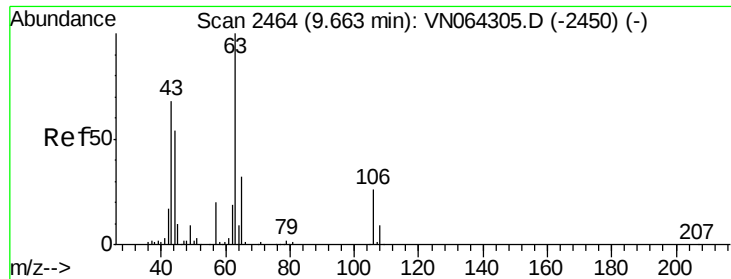
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#54
 1,2-Dibromoethane
 Concen: 17.868 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion:107 Resp: 57035
 Ion Ratio Lower Upper
 107 100
 109 97.1 74.8 112.2





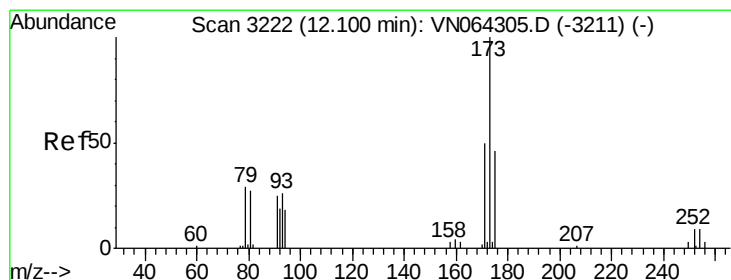
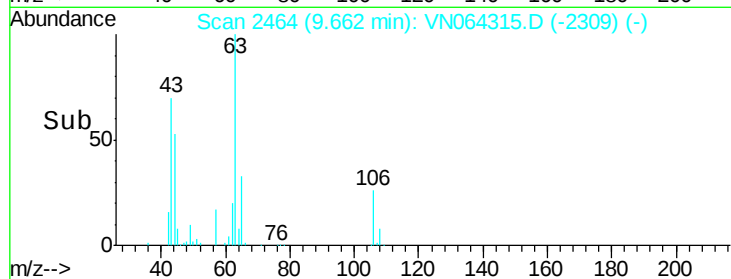
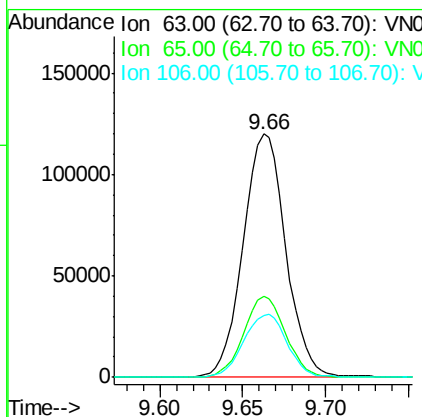
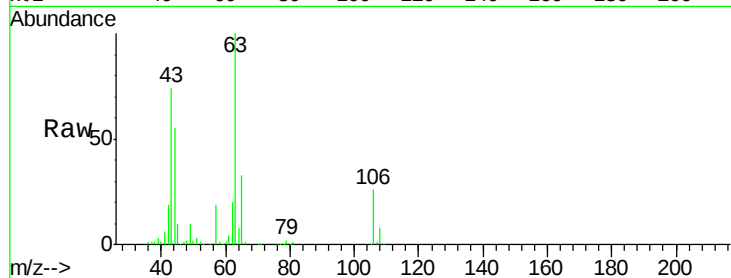
#55
 2-Chloroethyl vinyl ether
 Concen: 92.280 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.6	38.4
106	26.5	20.7	31.1

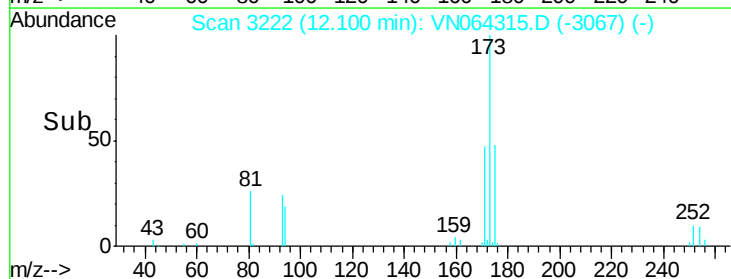
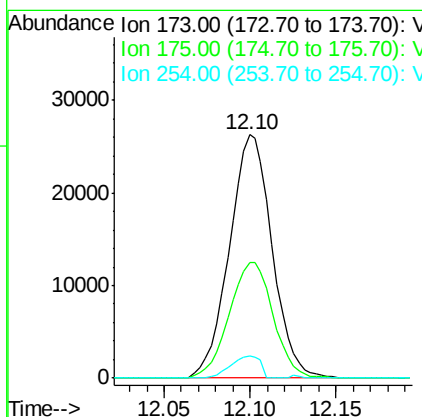
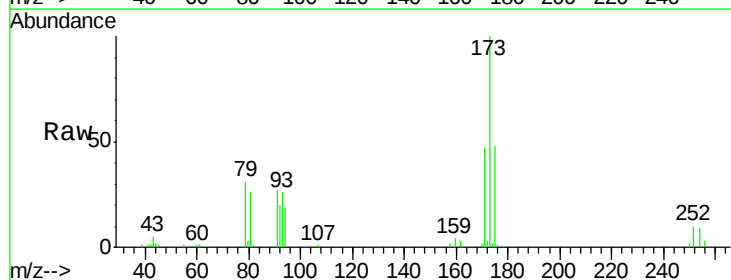
Manual Integrations
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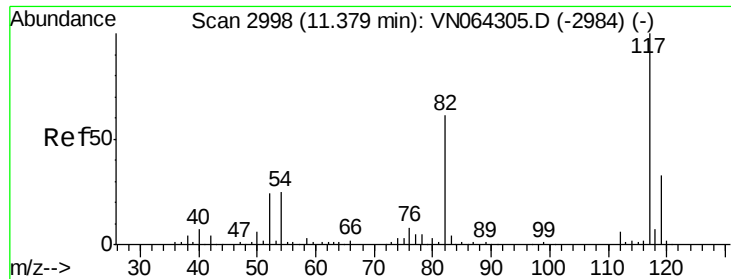
MMDadoda
 10/27/2020 2:21:40 PM



#56
 Bromoform
 Concen: 17.373 ug/l
 RT: 12.10 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	37.3	55.9
254	6.4	4.8	7.2





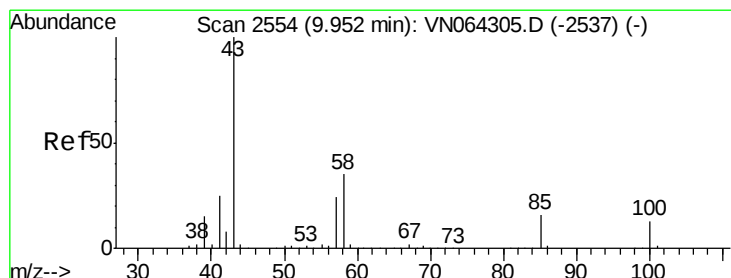
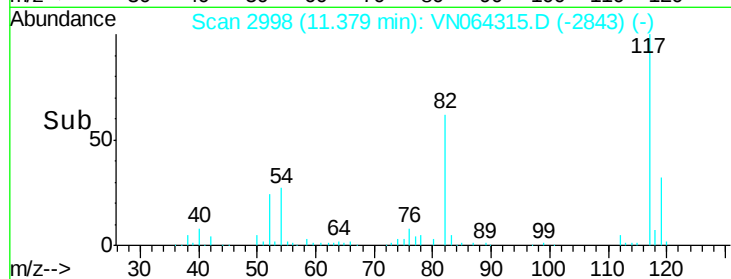
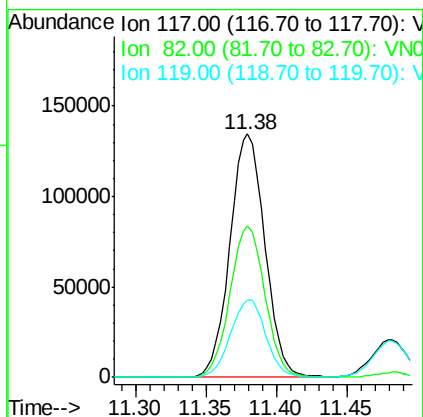
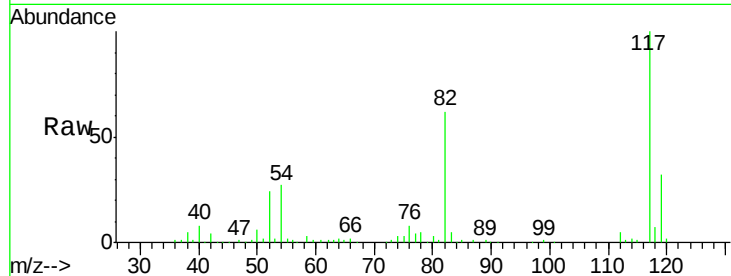
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	48.7	73.1
119	31.9	25.1	37.7

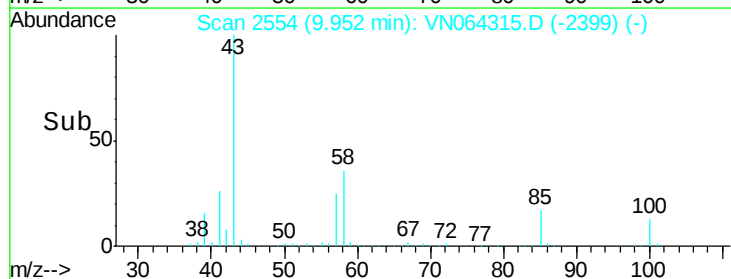
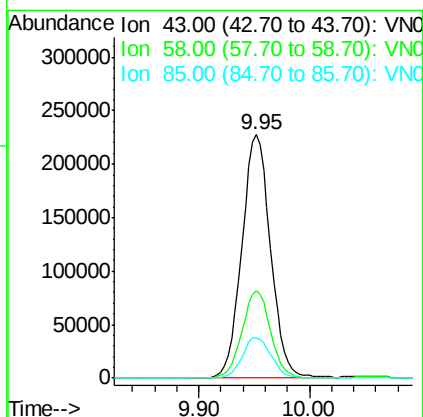
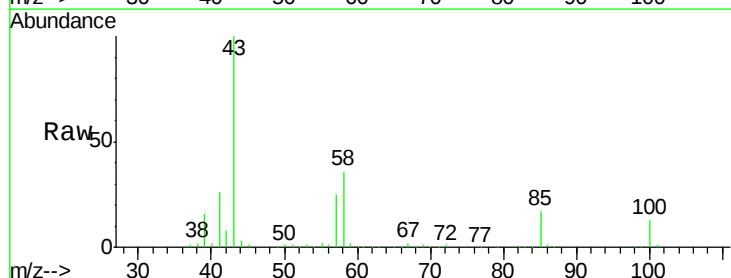
Manual Integrations
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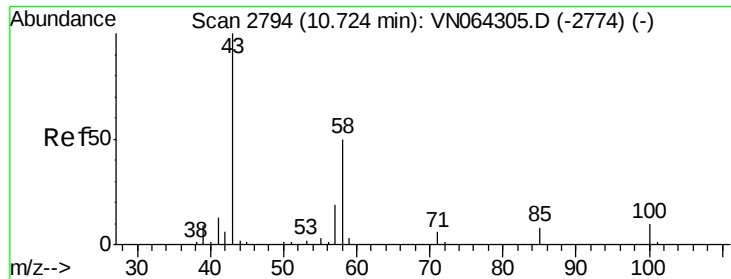
MMDadoda
10/27/2020 2:21:40 PM



#58
4-Methyl-2-Pentanone
Concen: 94.233 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.7	43.1
85	17.0	13.4	20.2





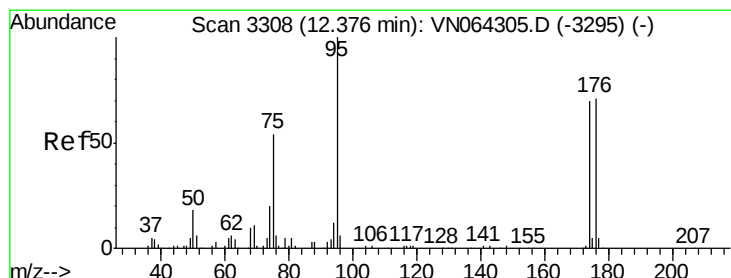
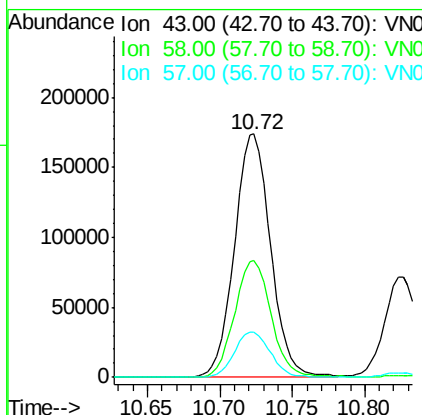
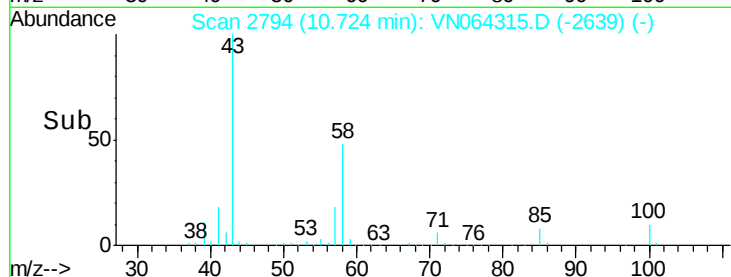
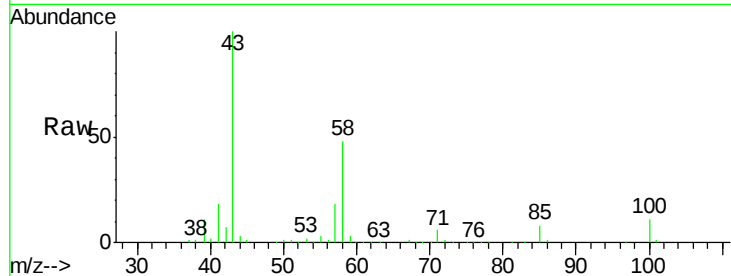
#59
2-Hexanone
Concen: 92.225 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.9	39.4	59.2
57	18.8	14.8	22.2

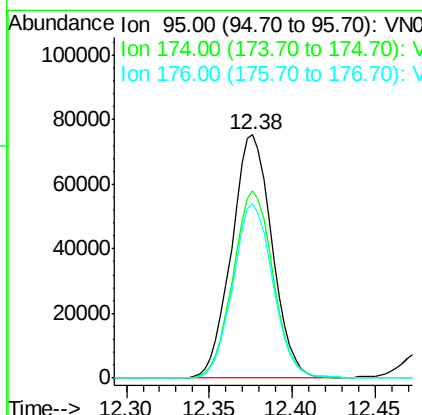
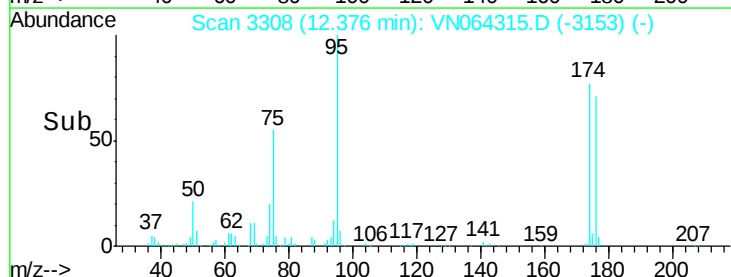
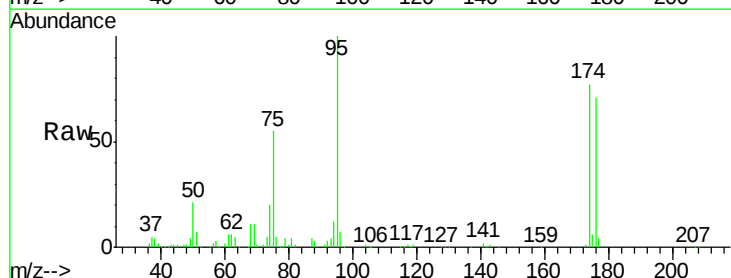
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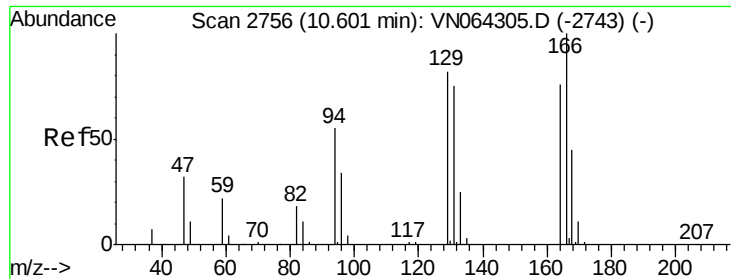
MMDadoda
10/27/2020 2:21:40 PM



#60
4-Bromofluorobenzene
Concen: 30.558 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	57.6	86.4
176	70.6	55.5	83.3





#61

Tetrachloroethene

Concen: 19.347 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 60382

Ion Ratio Lower Upper

164 100

166 123.0 105.4 158.0

129 98.9 86.4 129.6

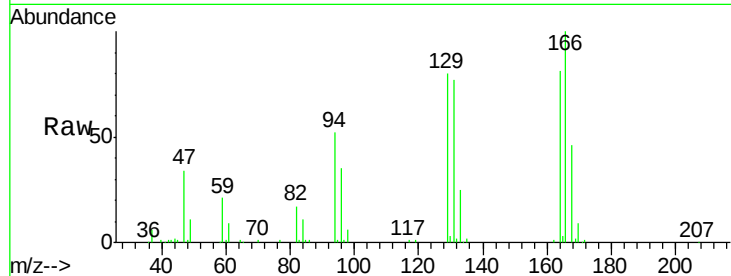
131 94.2 78.5 117.7

Manual Integrations

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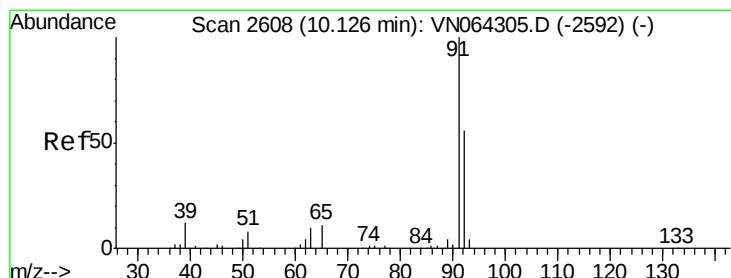
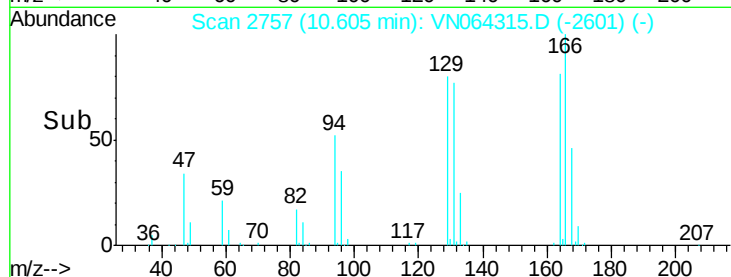
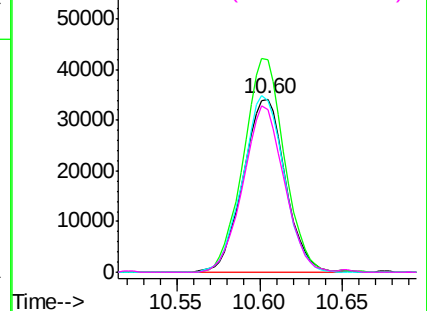


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.522 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN064315.D

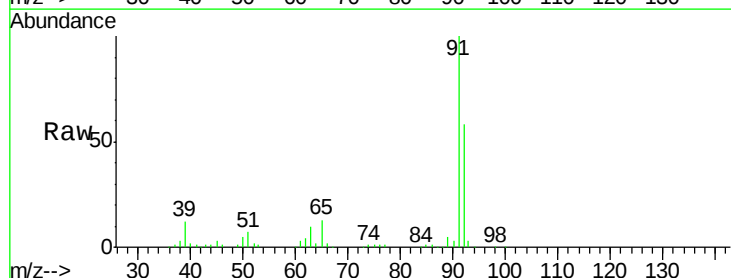
Acq: 26 Oct 2020 21:26

Tgt Ion: 91 Resp: 238781

Ion Ratio Lower Upper

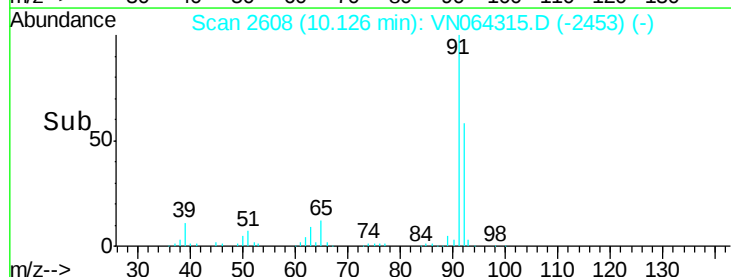
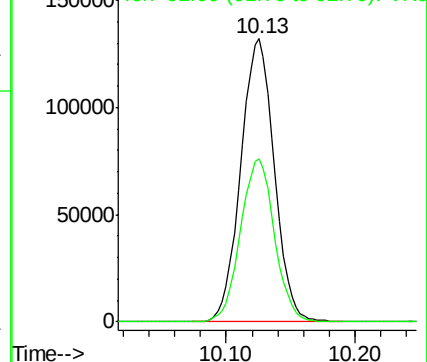
91 100

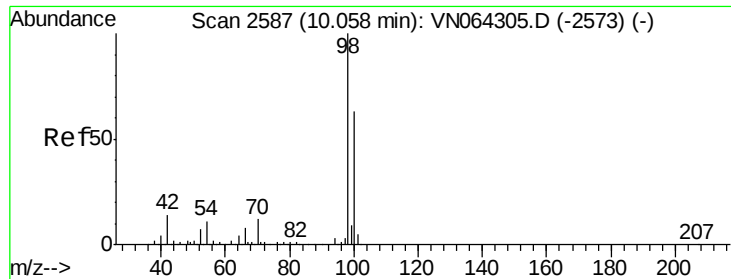
92 58.2 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.793 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 321395

Ion Ratio Lower Upper

98 100

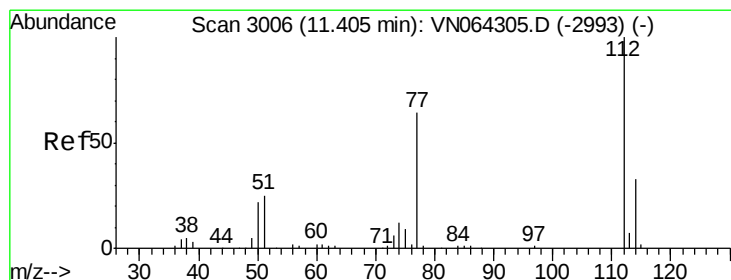
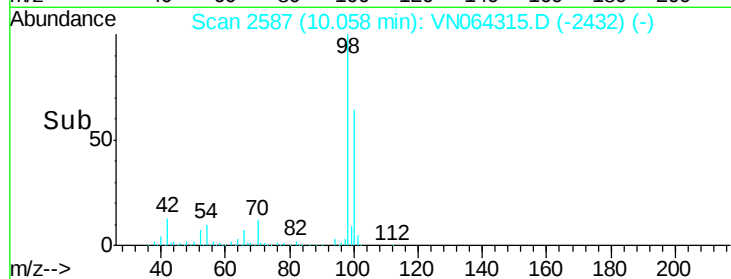
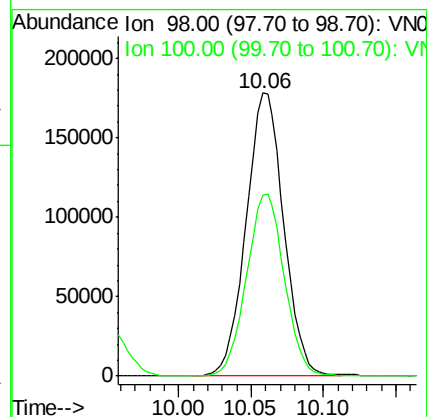
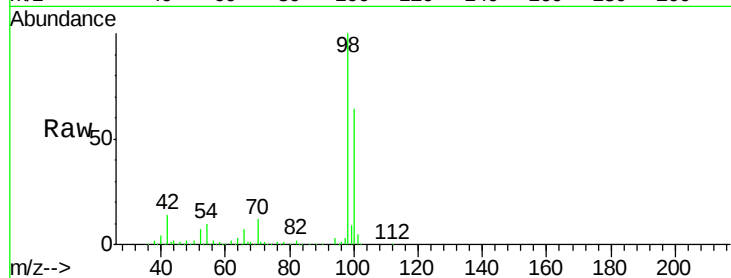
100 64.4 50.6 75.8

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#64

Chlorobenzene

Concen: 18.421 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064315.D

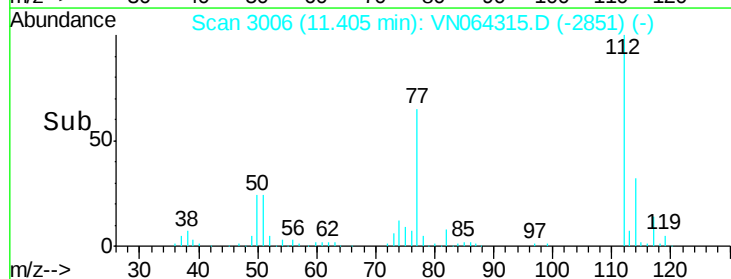
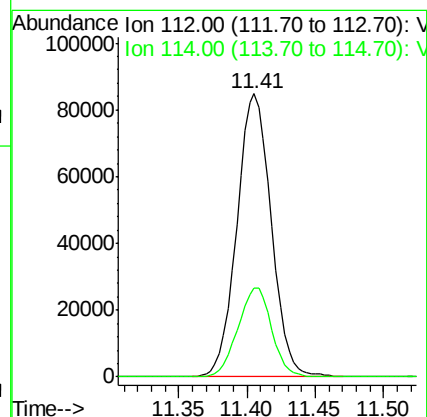
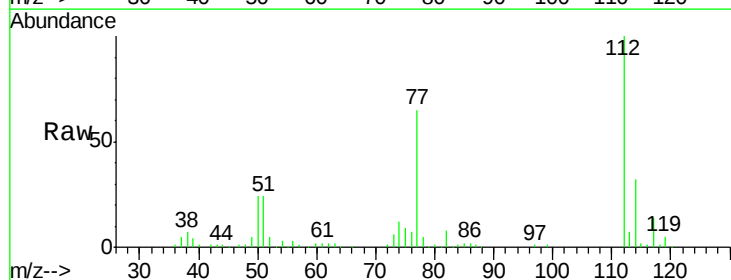
Acq: 26 Oct 2020 21:26

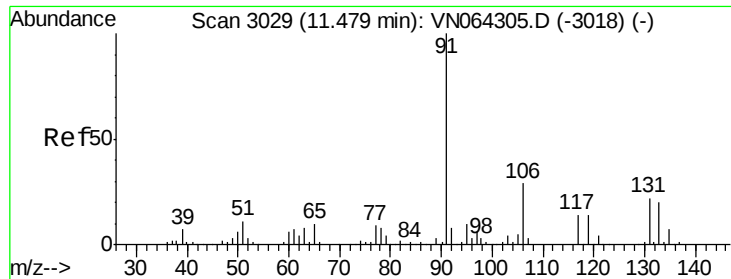
Tgt Ion: 112 Resp: 148046

Ion Ratio Lower Upper

112 100

114 31.6 26.7 40.1





#65

1,1,1,2-Tetrachloroethane

Concen: 19.043 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

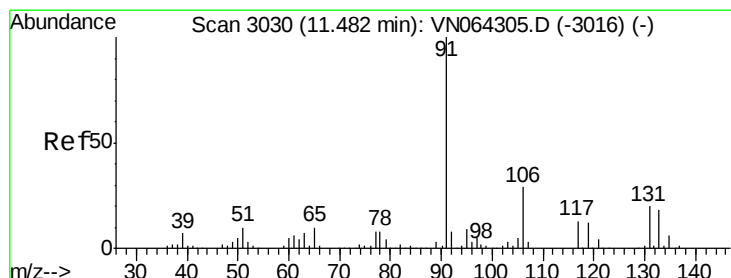
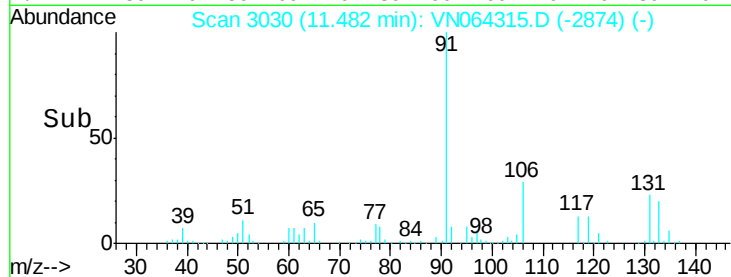
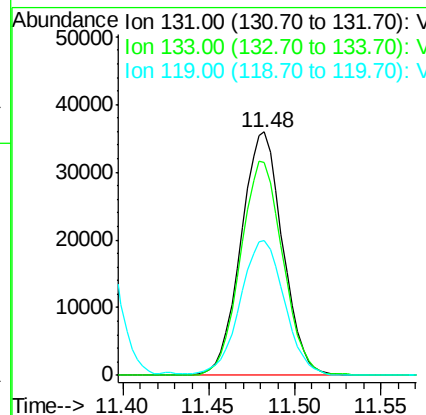
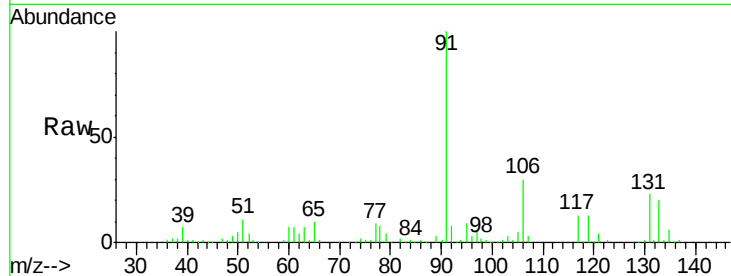
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	89.3	0.0	183.0
119	59.1	0.0	121.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.292 ug/l

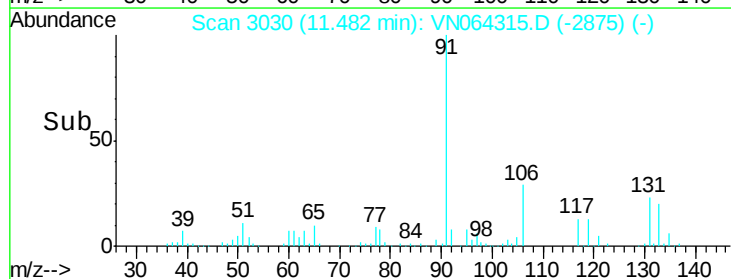
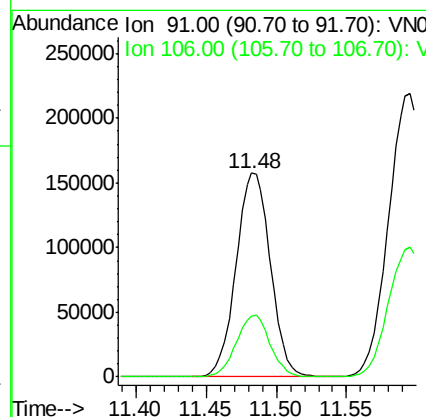
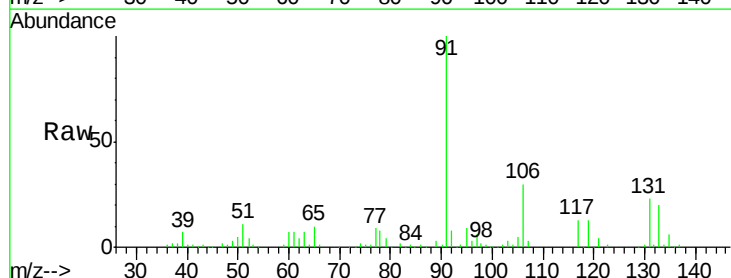
RT: 11.48 min Scan# 3030

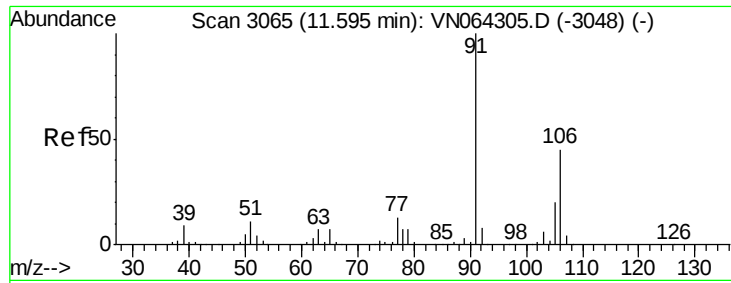
Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	22.8	34.2





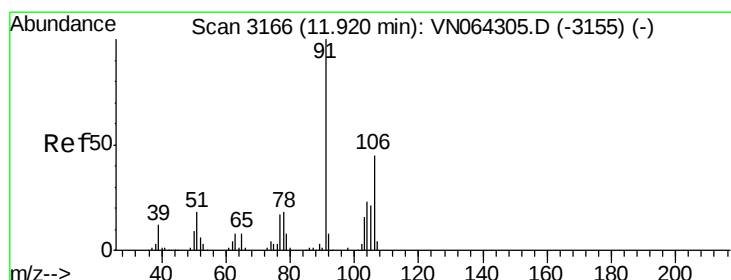
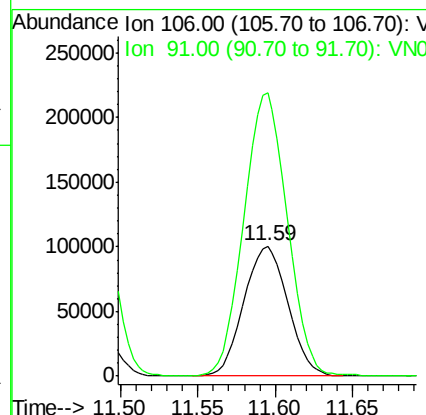
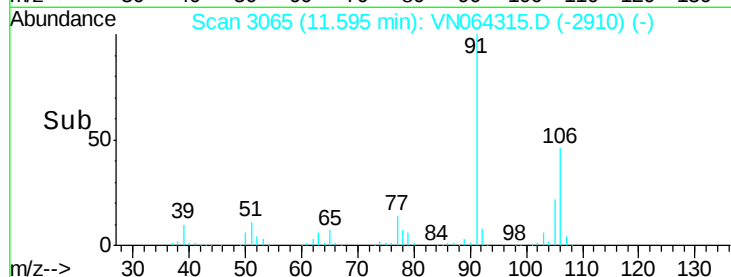
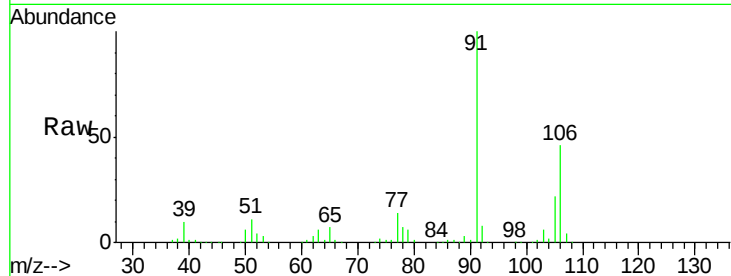
#67
m/p-Xylenes
Concen: 36.730 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 198741
Ion Ratio Lower Upper
106 100
91 213.7 176.2 264.2

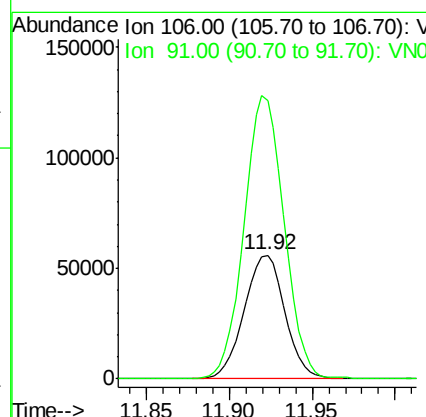
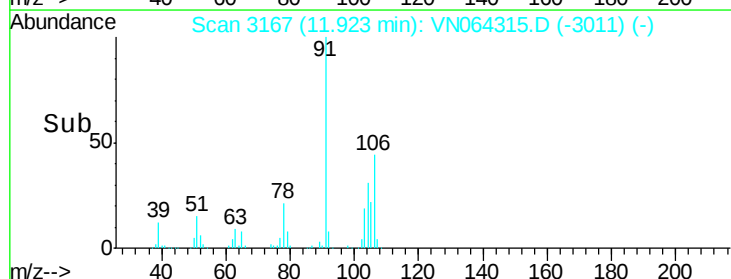
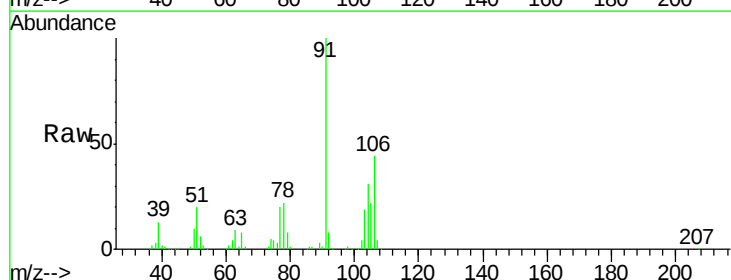
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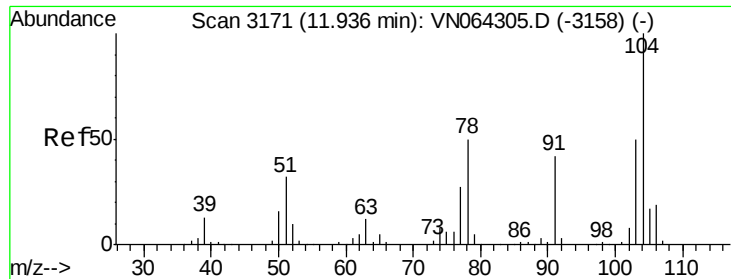
MMDadoda
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#68
o-Xylene
Concen: 17.991 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion:106 Resp: 95733
Ion Ratio Lower Upper
106 100
91 224.6 112.9 338.6





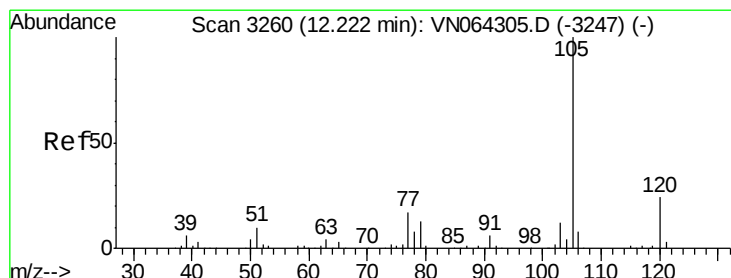
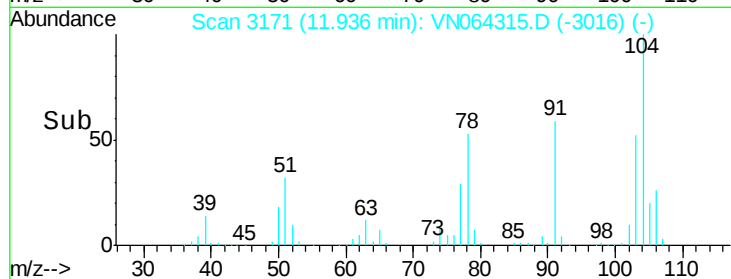
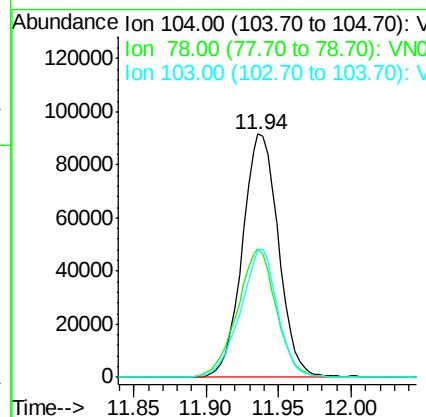
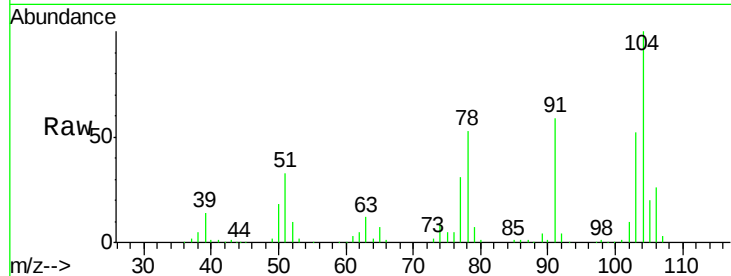
#69
Stvrene
Concen: 17.911 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		158848		
78	57.0	46.3	69.5		
103	54.3	44.2	66.2		

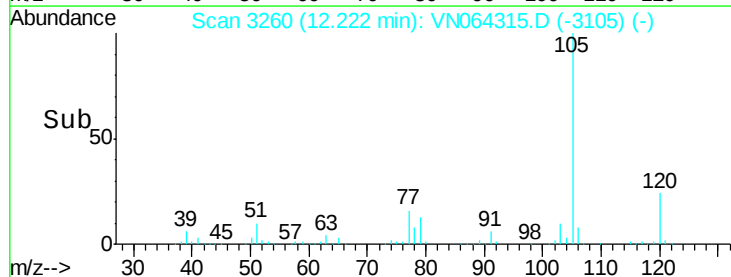
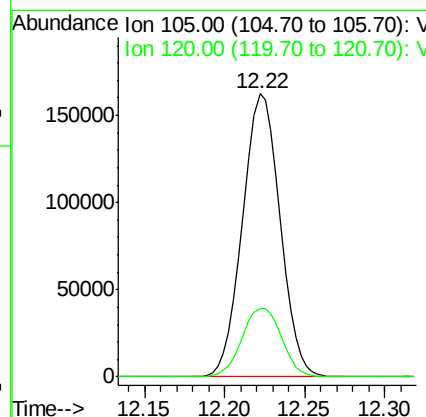
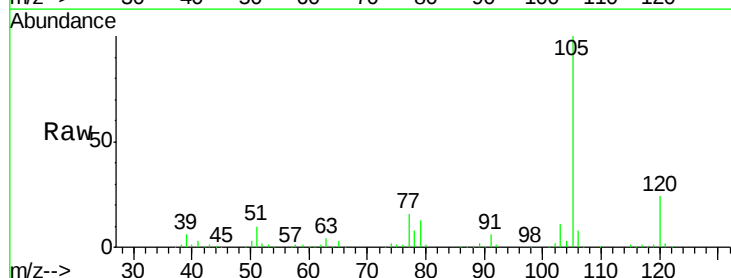
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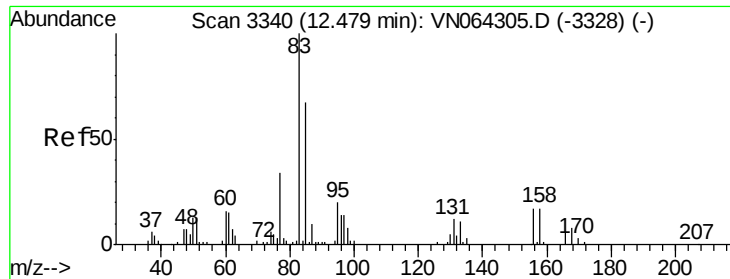
MMDadoda
10/27/2020 2:21:40 PM



#70
Isopropylbenzene
Concen: 18.399 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		259595		
120	25.6	17.4	32.2		





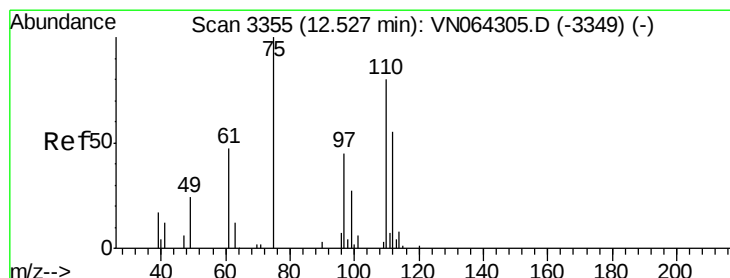
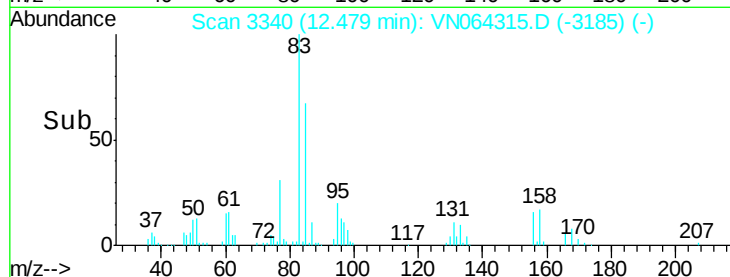
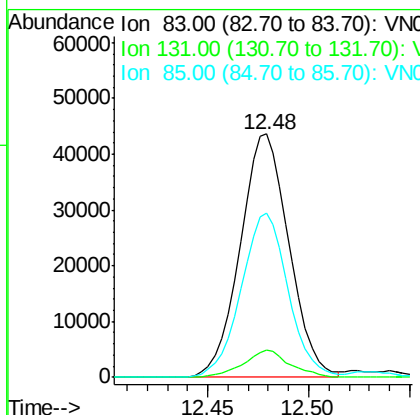
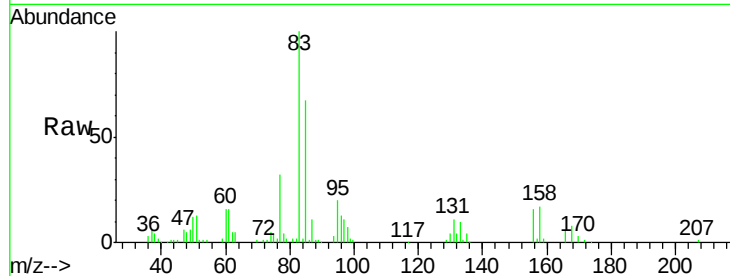
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.343 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.6	6.0	18.0
85	65.3	32.0	96.0

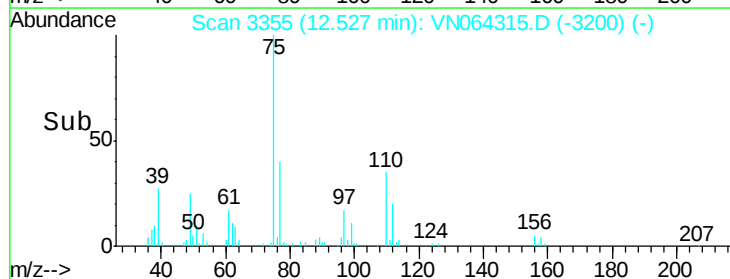
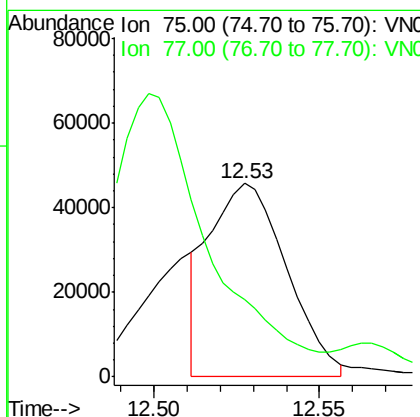
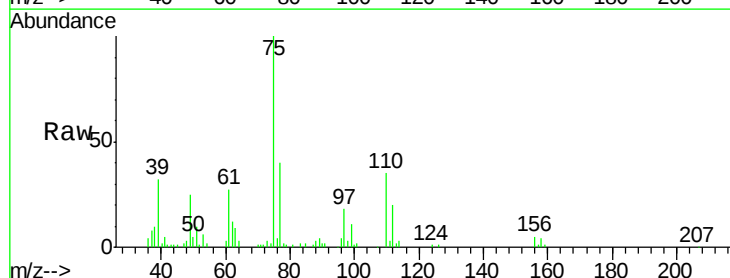
Manual Integrations
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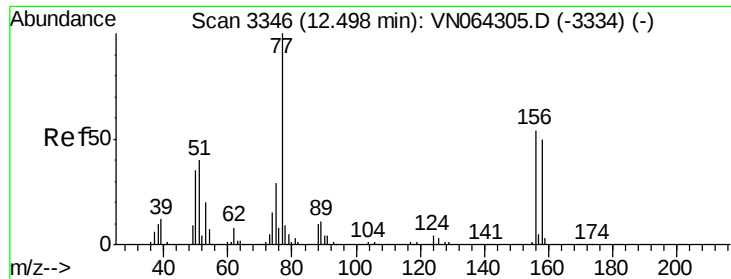
MMDadoda
 10/27/2020 2:21:40 PM



#72
 1,2,3-Trichloropropane
 Concen: 17.299 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	190.0	0.0	340.8





#73

Bromobenzene

Concen: 18.017 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:156 Resp: 62319

Ion Ratio Lower Upper

156 100

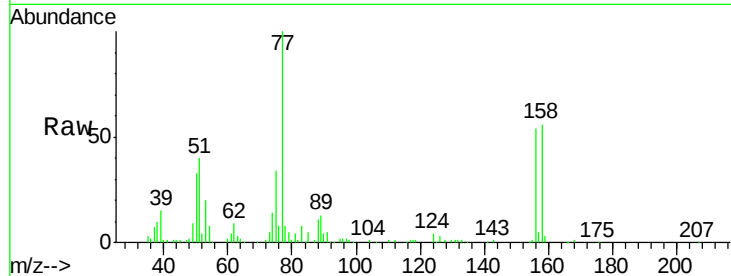
77 225.7 0.0 449.2

158 100.5 0.0 191.0

Manual Integrations
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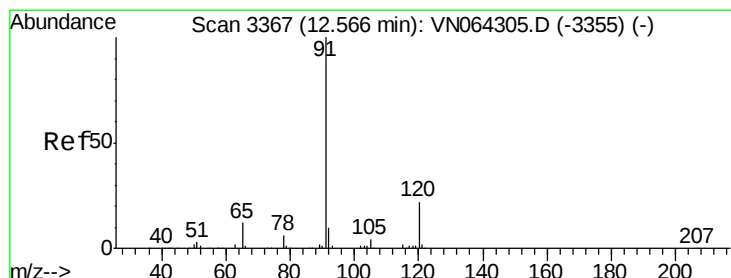
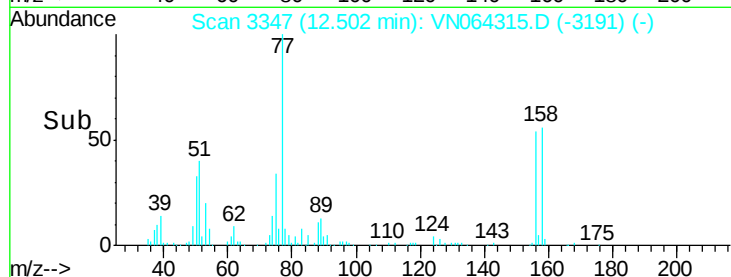
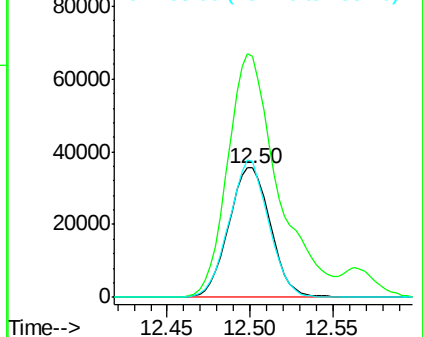
10/27/2020 2:21:40 PM



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.808 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064315.D

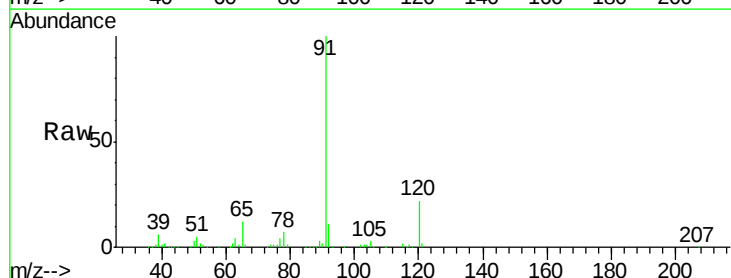
Acq: 26 Oct 2020 21:26

Tgt Ion: 91 Resp: 286380

Ion Ratio Lower Upper

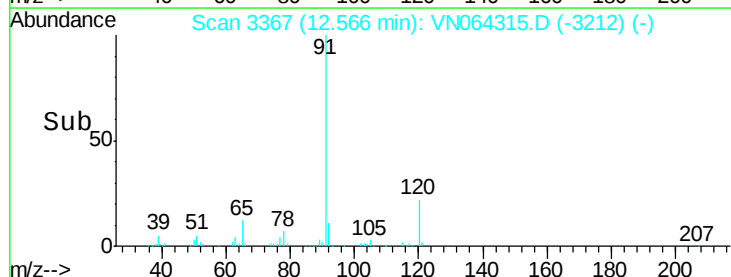
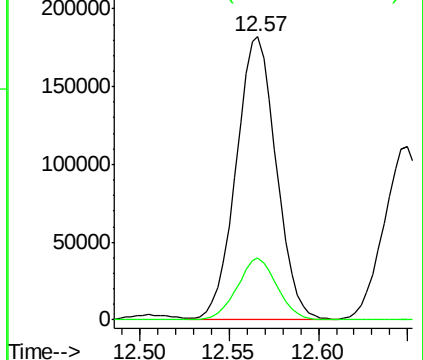
91 100

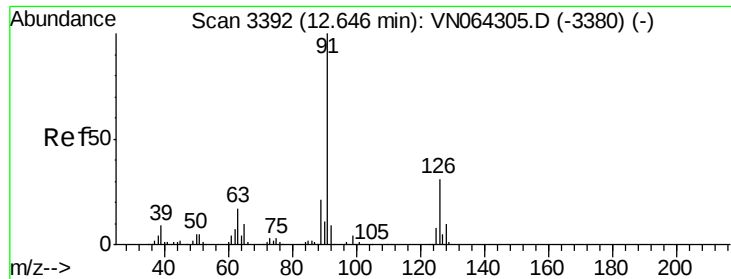
120 21.7 0.0 44.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.364 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 182626

Ion Ratio Lower Upper

91 100

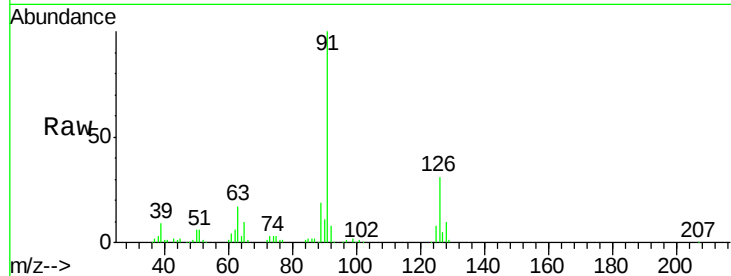
126 31.7 0.0 62.0

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Abundance Ion 91.00 (90.70 to 91.70): VN064315.D (-3237) (-)

Ion 126.00 (125.70 to 126.70): VN064315.D (-3237) (-)

12.65

120000

100000

80000

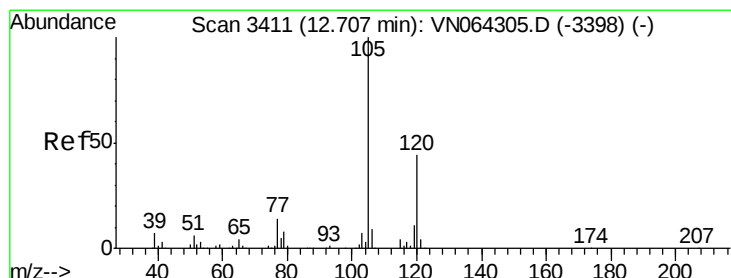
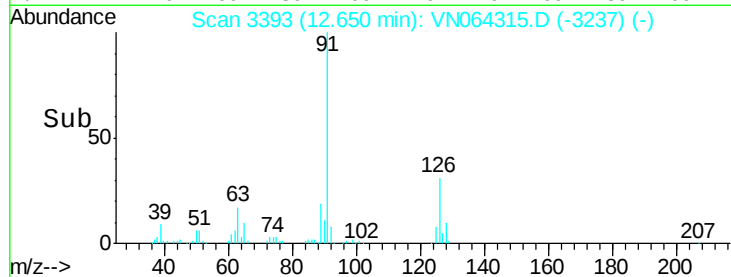
60000

40000

20000

0

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.261 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064315.D

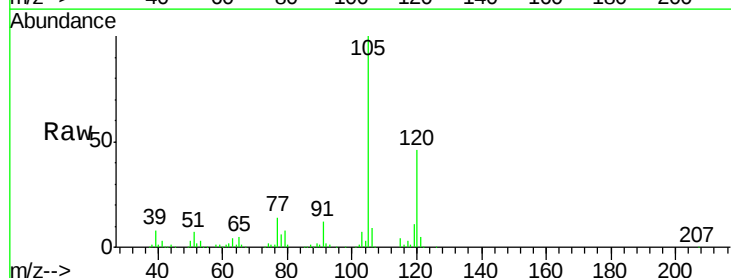
Acq: 26 Oct 2020 21:26

Tgt Ion: 105 Resp: 217892

Ion Ratio Lower Upper

105 100

120 46.8 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): VN064315.D (-3256) (-)

Ion 120.00 (119.70 to 120.70): VN064315.D (-3256) (-)

12.71

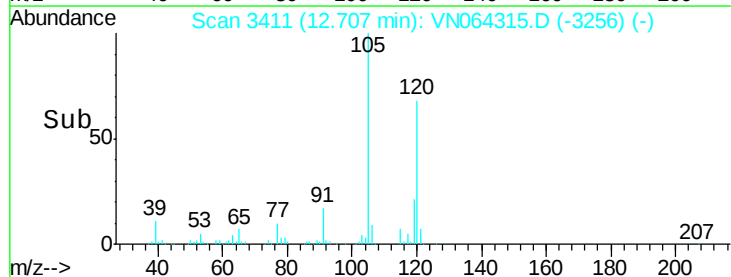
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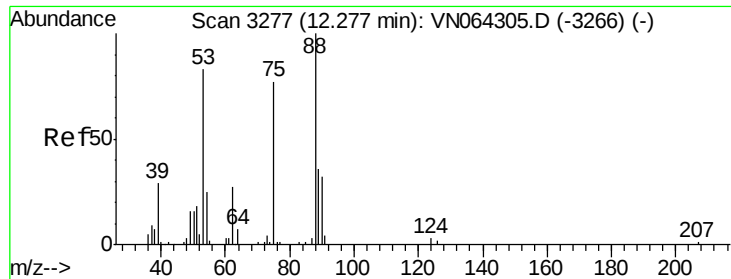
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Time-->





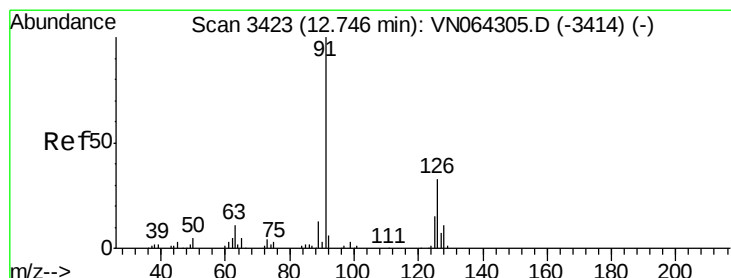
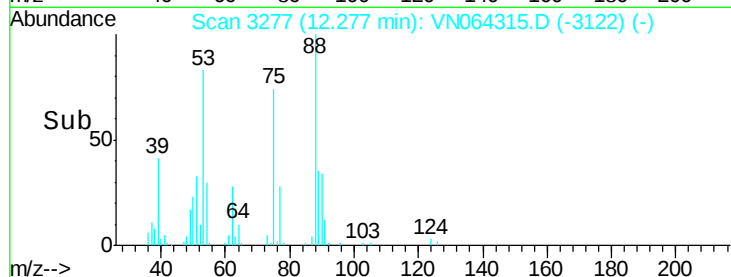
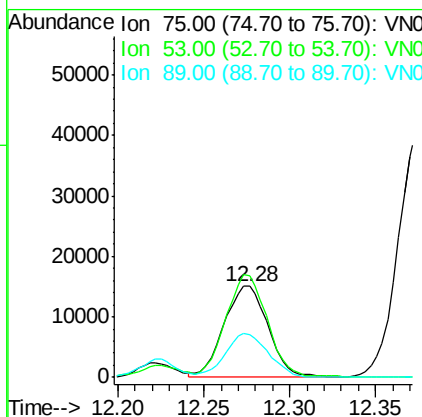
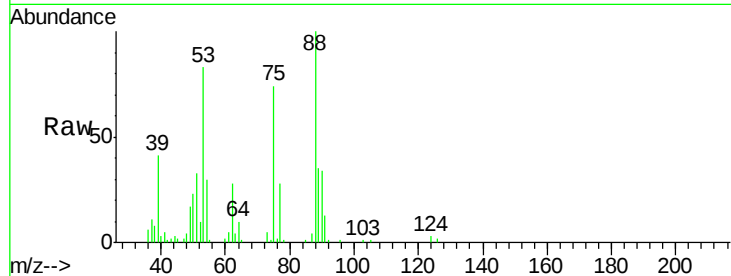
#77
t-1,4-Dichloro-2-butene
Concen: 16.896 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.4	51.0	153.0
89	47.4	24.8	74.3

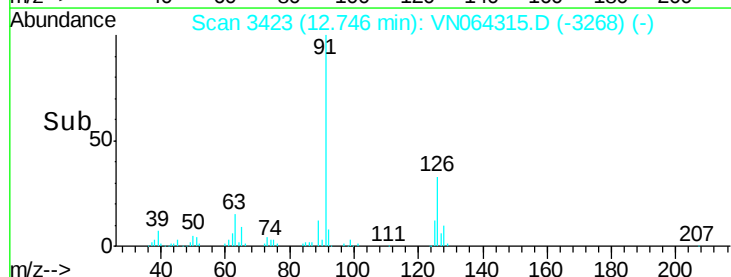
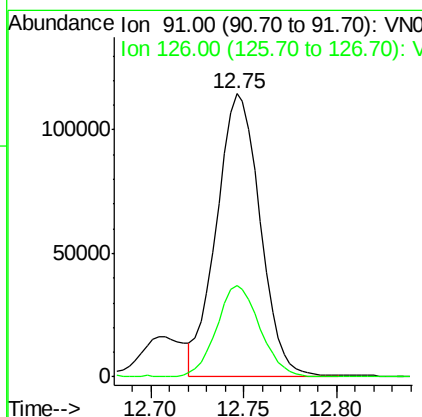
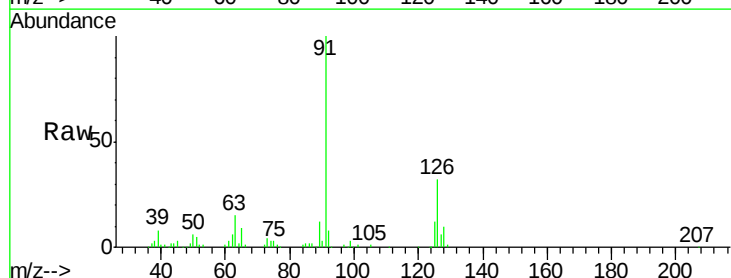
Manual Integrations
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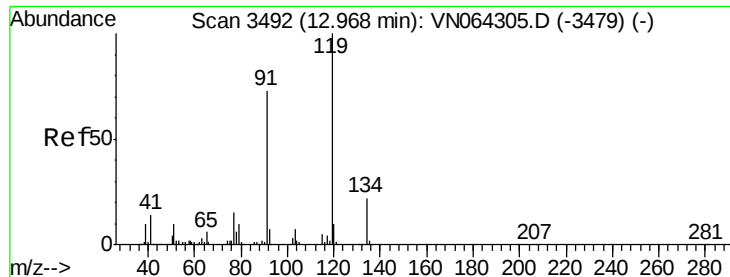
MMDadoda
10/27/2020 2:21:40 PM



#78
4-Chlorotoluene
Concen: 18.047 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	0.0	62.4





#79

tert-butylbenzene

Concen: 17.746 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

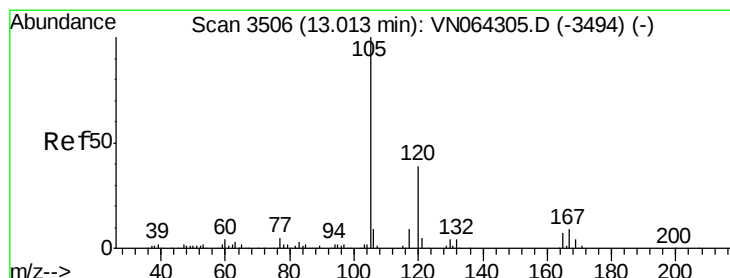
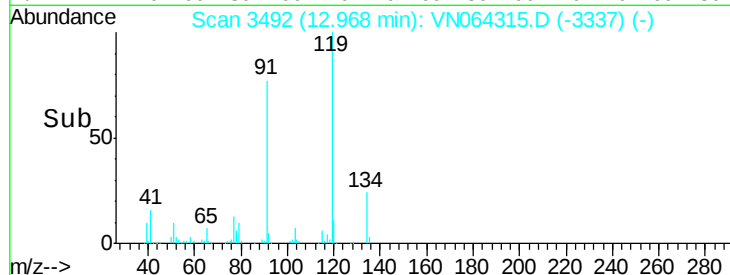
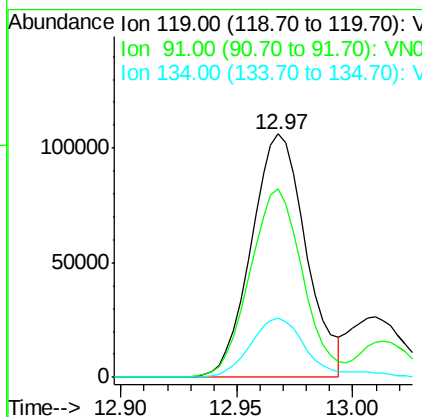
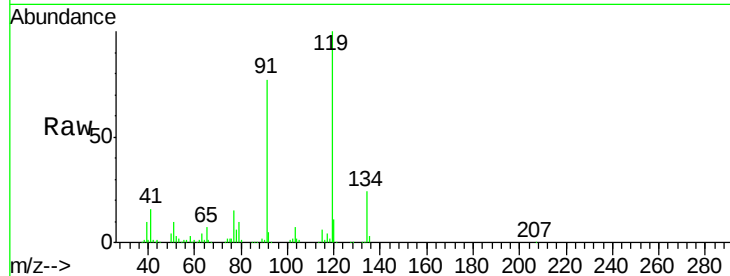
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	174507
Ion Ratio	Lower	Upper	
119	100		
91	75.3	0.0	146.8
134	23.9	0.0	48.6

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#80

1,2,4-Trimethylbenzene

Concen: 18.297 ug/l

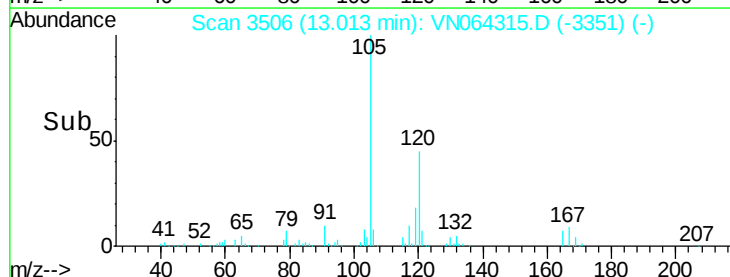
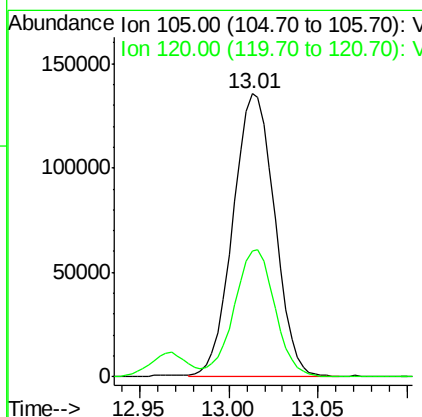
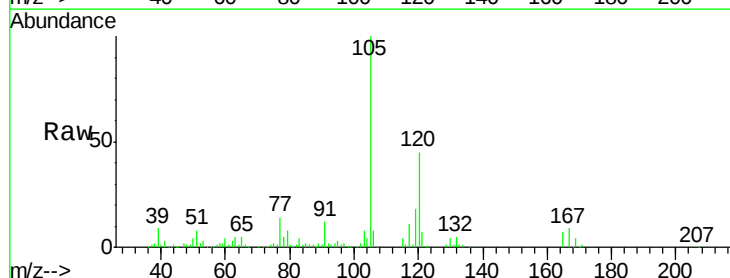
RT: 13.01 min Scan# 3506

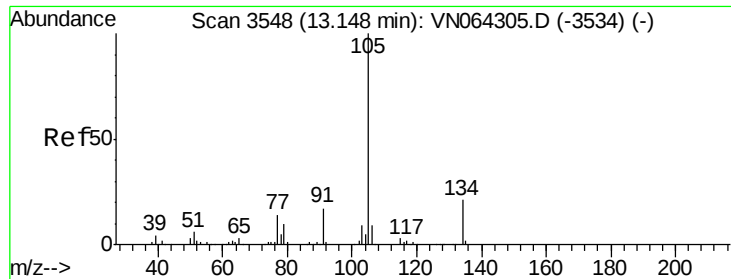
Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Tgt Ion:	105	Resp:	220224
Ion Ratio	Lower	Upper	
105	100		
120	43.9	0.0	87.0





#81

sec-Butylbenzene

Concen: 17.795 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 227118

Ion Ratio Lower Upper

105 100

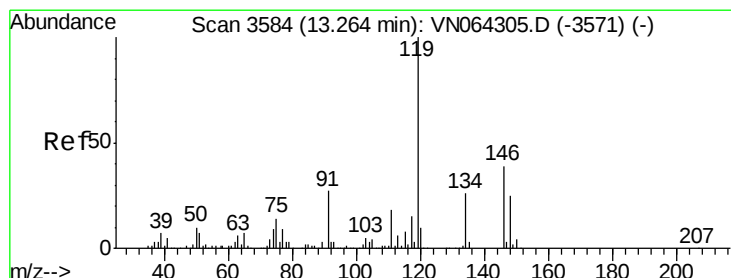
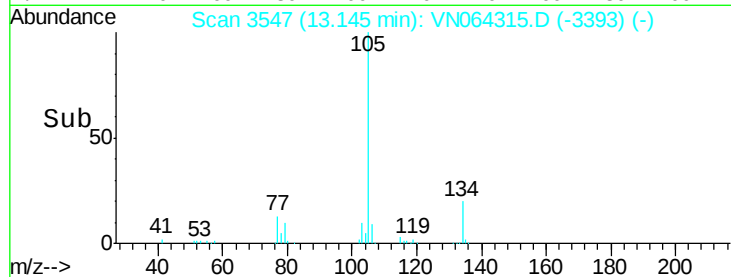
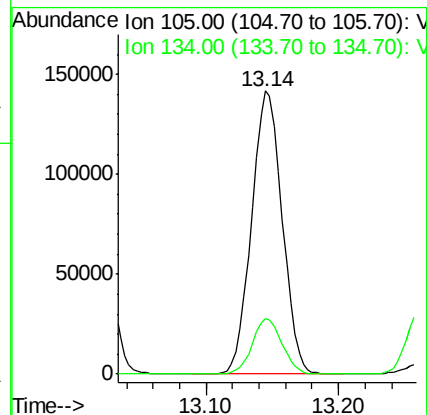
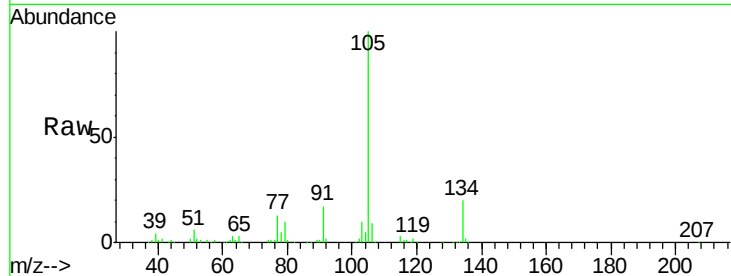
134 19.2 0.0 38.4

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#82

p-Isopropyltoluene

Concen: 17.317 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

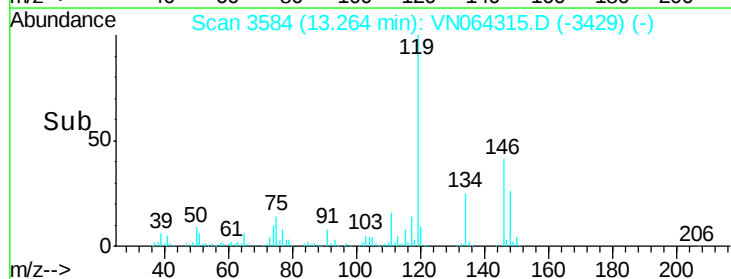
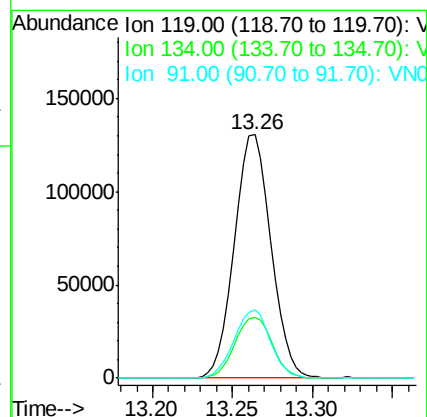
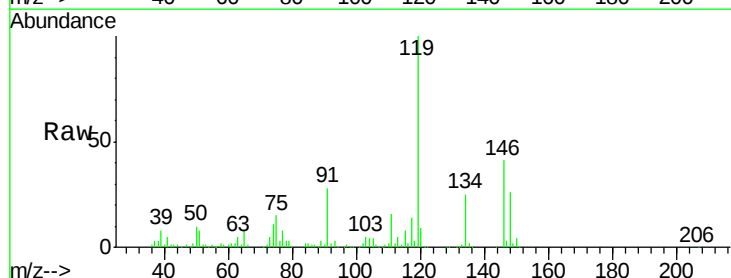
Tgt Ion:119 Resp: 202449

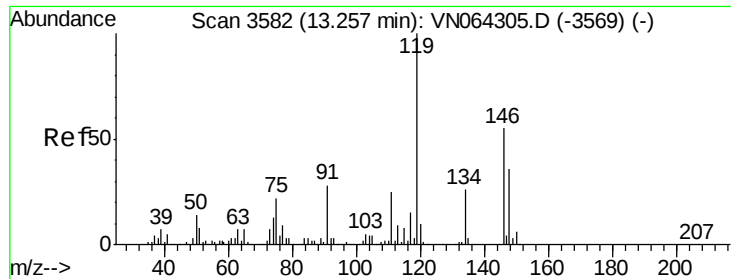
Ion Ratio Lower Upper

119 100

134 25.5 0.0 52.2

91 27.9 0.0 56.0





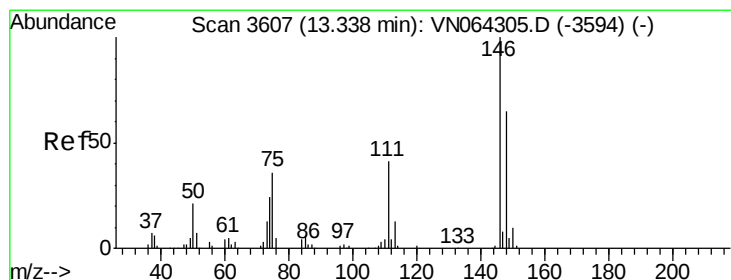
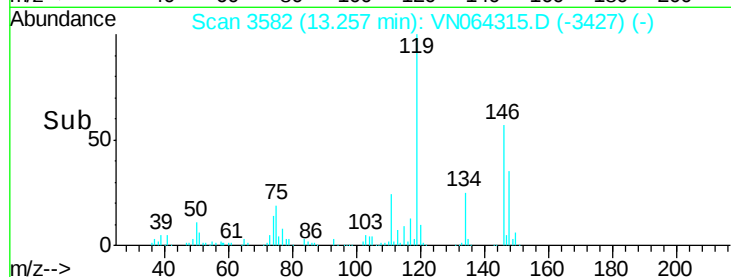
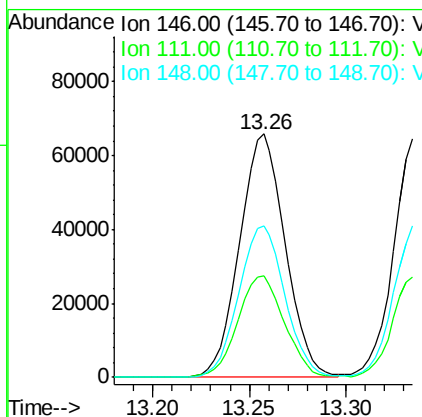
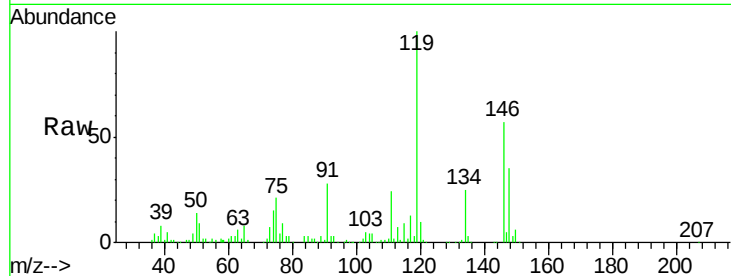
#83
 1,3-Dichlorobenzene
 Concen: 18.008 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.5	67.5
148	62.8	32.5	97.5

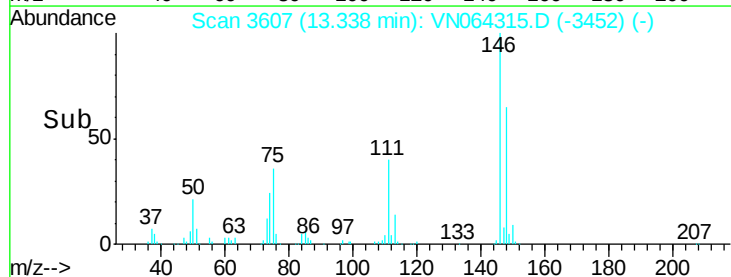
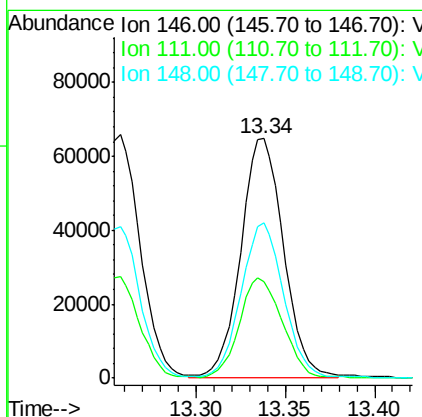
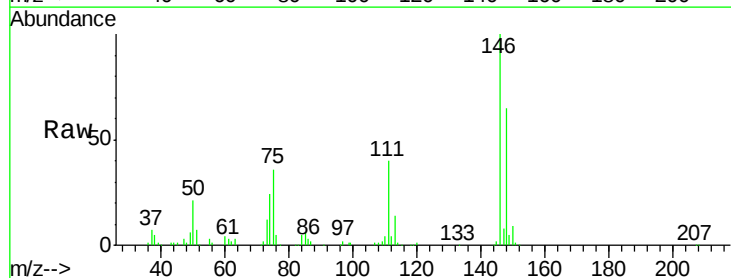
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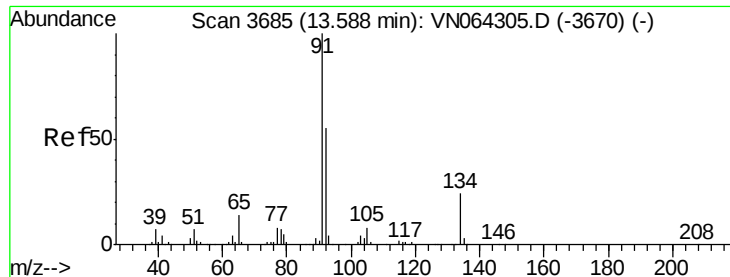
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#84
 1,4-Dichlorobenzene
 Concen: 18.039 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.6	64.8
148	64.2	32.4	97.0





#85

n-Butylbenzene

Concen: 17.355 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Instrument :

MSVOA_N

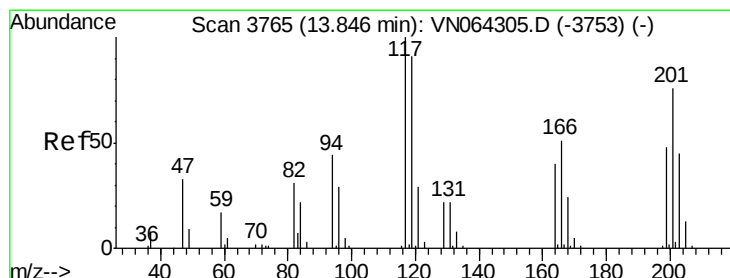
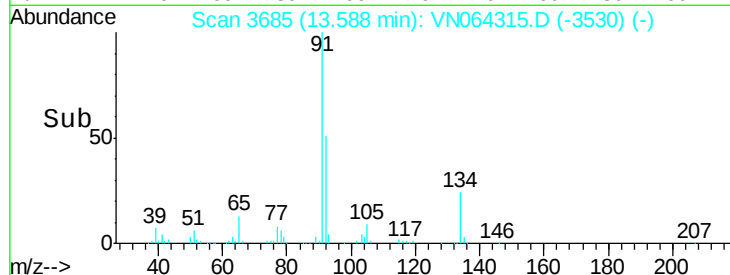
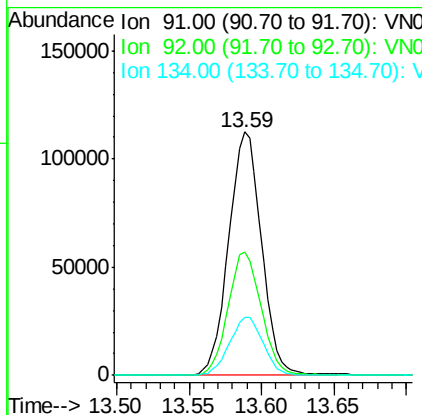
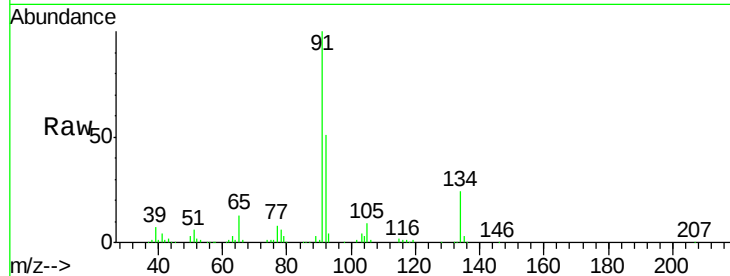
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	176918
Ion Ratio	Lower	Upper	
91	100		
92	51.0	0.0	106.0
134	24.3	0.0	46.4

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#86

Hexachloroethane

Concen: 17.621 ug/l

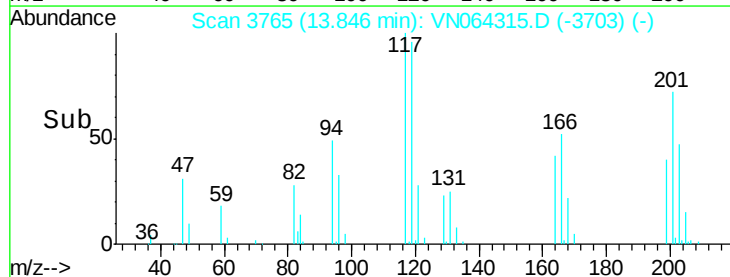
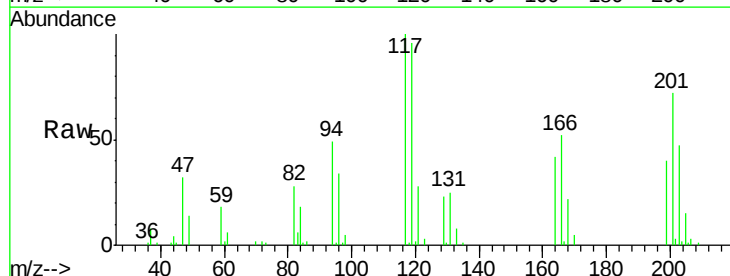
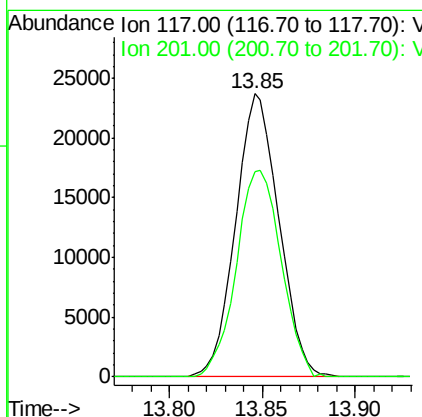
RT: 13.85 min Scan# 3765

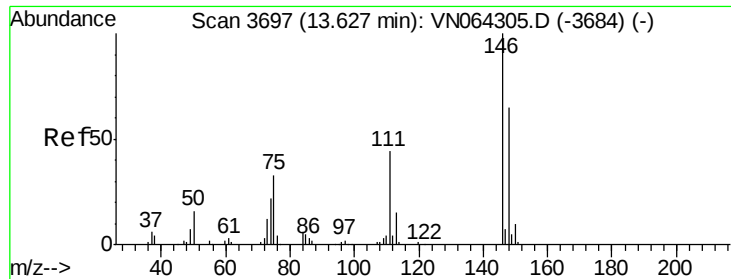
Delta R.T. -0.00 min

Lab File: VN064315.D

Acq: 26 Oct 2020 21:26

Tgt Ion:	117	Resp:	38416
Ion Ratio	Lower	Upper	
117	100		
201	75.6	39.6	118.7





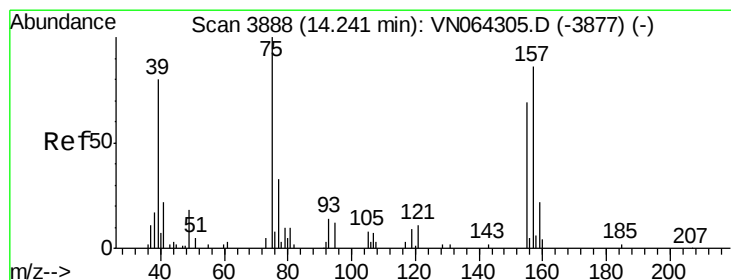
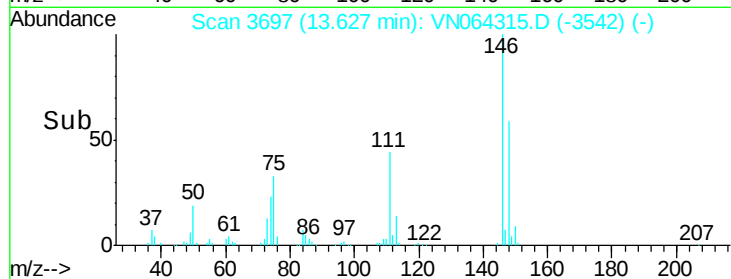
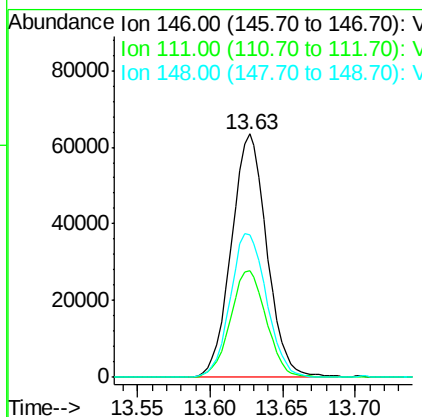
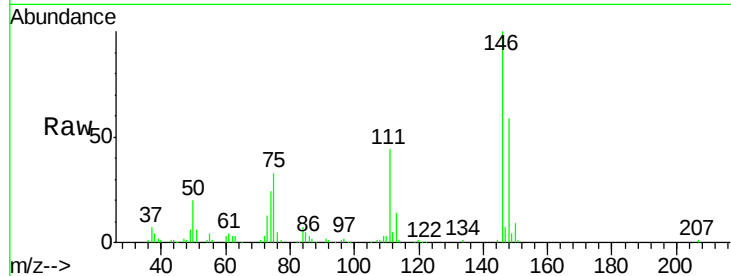
#87
 1,2-Dichlorobenzene
 Concen: 18.229 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.3	66.8
148	60.1	31.6	95.0

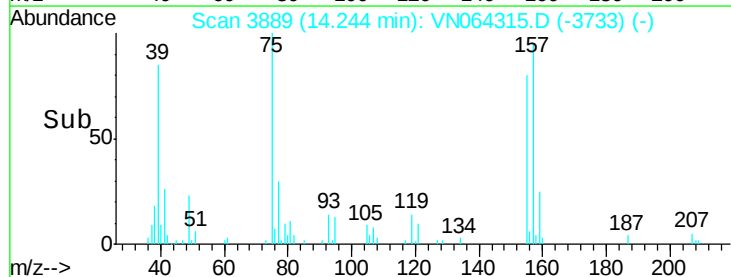
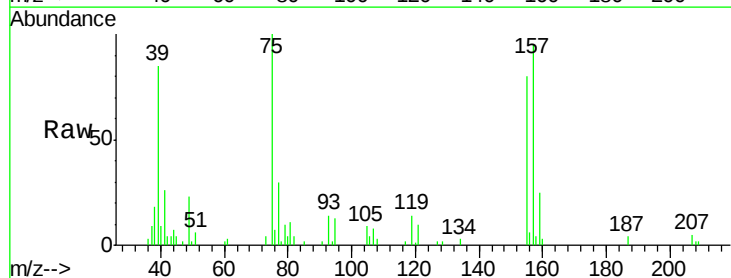
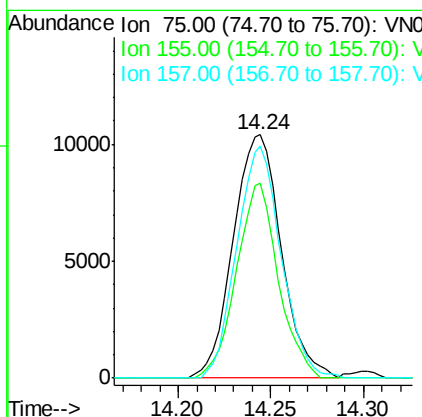
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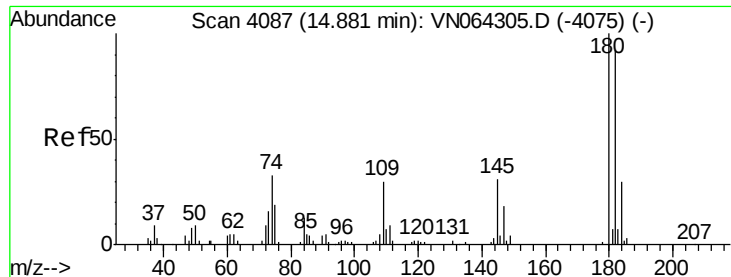
MMDadoda
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.478 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.7	55.8	83.8
157	87.7	72.1	108.1





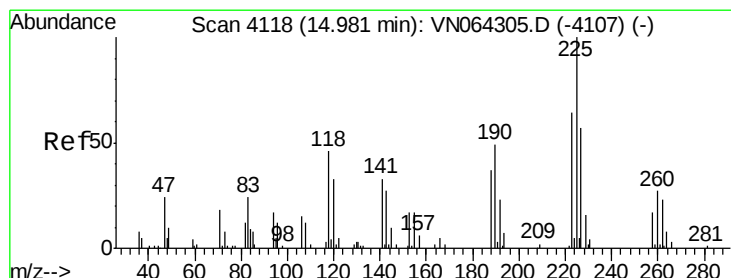
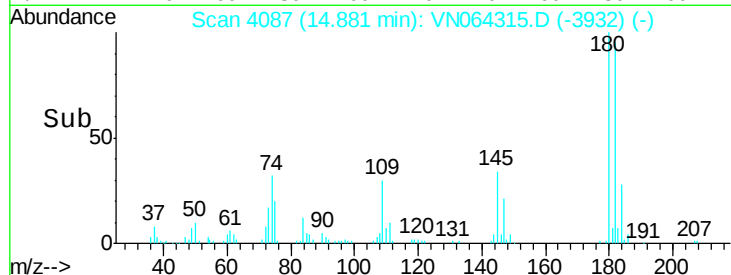
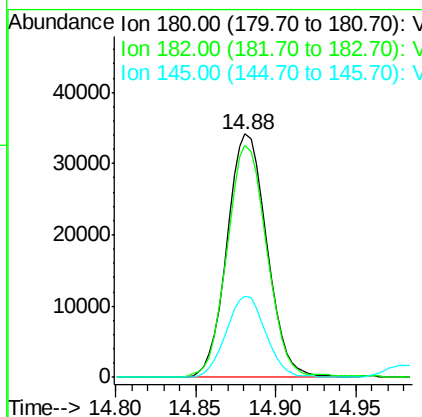
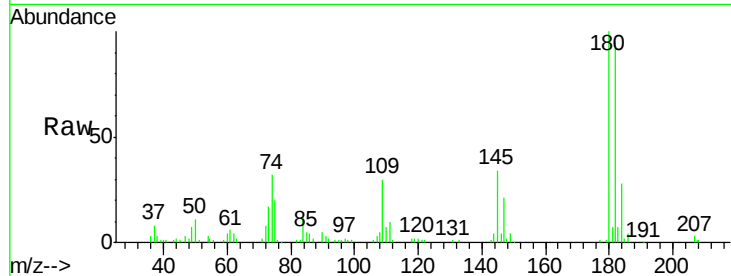
#89
 1,2,4-Trichlorobenzene
 Concen: 17.233 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.6	114.8
145	32.9	25.4	38.0

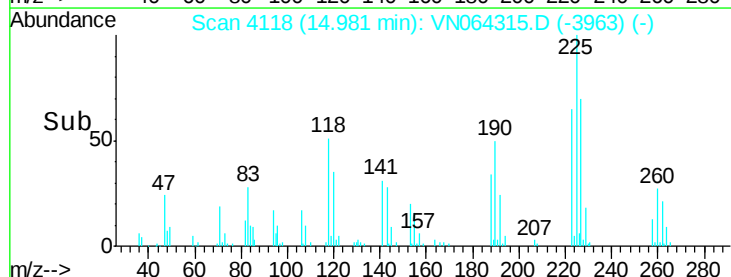
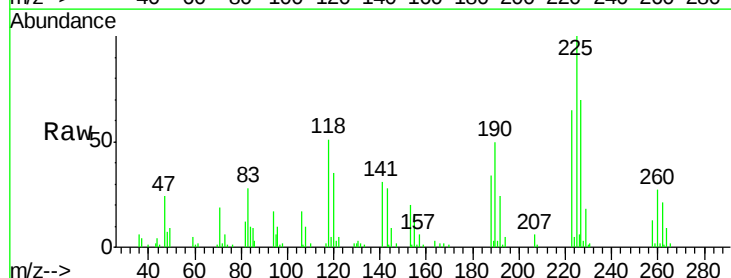
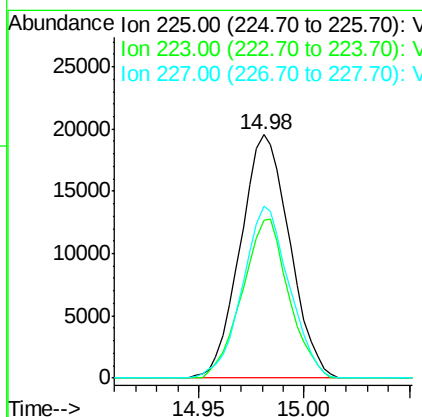
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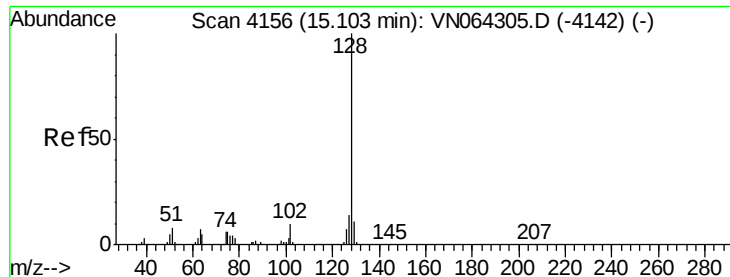
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#90
 Hexachlorobutadiene
 Concen: 17.610 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064315.D
 Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	0.0	122.0
227	67.0	0.0	118.0





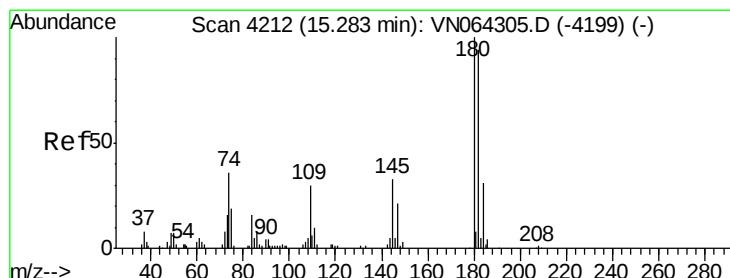
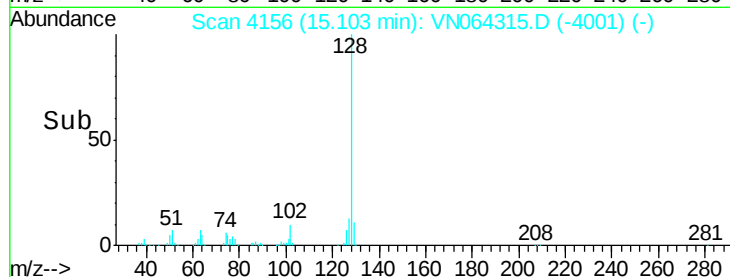
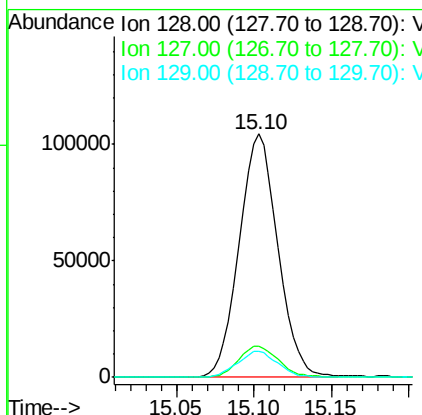
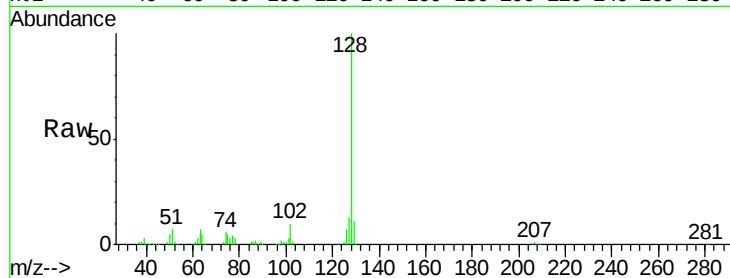
#91
Naphthalene
Concen: 18.006 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	11.0	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 17.359 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064315.D
Acq: 26 Oct 2020 21:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	0.0	190.0
145	34.3	0.0	67.8

