

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064294.D
 Acq On : 23 Oct 2020 18:30
 Operator : JC/MD
 Sample : VN1023WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1023WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:39:12 PM

Quant Time: Oct 26 02:37:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 01:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	52121	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	309441	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	272633	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	147546	32.43	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.10%
60) 4-Bromofluorobenzene	12.38	95	147946	30.49	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.63%
63) Toluene-d8	10.06	98	368890	30.27	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	70079	20.668	ug/l 94
3) Chloromethane	2.04	50	68092	19.014	ug/l 98
4) Vinyl Chloride	2.16	62	66393	18.456	ug/l 99
5) Bromomethane	2.54	94	42693	18.079	ug/l 95
6) Chloroethane	2.67	64	41449	19.647	ug/l 94
7) Trichlorofluoromethane	2.99	101	120525	19.807	ug/l 99
8) Diethyl Ether	3.38	74	36519	18.212	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57970	19.112	ug/l 94
10) 1,1-Dichloroethene	3.70	96	54905	18.878	ug/l 94
11) Methyl Iodide	3.92	142	74231	17.812	ug/l 99
12) Methyl Acetate	4.28	43	64658	19.011	ug/l 100
13) Acrolein	3.57	56	19210	68.832	ug/l 98
14) Acrylonitrile	4.93	53	121528	92.329	ug/l 100
15) Acetone	3.77	58	38935	92.409	ug/l 94
16) Carbon Disulfide	4.01	76	151665	17.999	ug/l # 93
17) Allyl chloride	4.28	41	109647	19.666	ug/l 89
18) Methylene Chloride	4.51	84	65107	19.147	ug/l 91
19) trans-1,2-Dichloroethene	5.00	96	59997	18.147	ug/l 97
20) Diisopropyl ether	5.90	45	201869	19.000	ug/l 98
21) 1,1-Dichloroethane	5.80	63	121285	19.141	ug/l 96
22) cis-1,2-Dichloroethene	6.78	96	72686	19.165	ug/l # 88
23) tert-Butyl Alcohol	4.73	59	57267	93.831	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	193125	19.119	ug/l # 76
25) Chloroform	7.33	83	125854	18.351	ug/l 99
26) Cyclohexane	7.61	56	91451	18.610	ug/l # 97
29) 1,1-Dichloropropene	7.75	75	93986	17.570	ug/l 98
30) 2-Butanone	6.78	43	214780	91.421	ug/l # 97
31) 2,2-Dichloropropane	6.78	77	118691	17.728	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	124071	18.152	ug/l 96
33) Carbon Tetrachloride	7.74	117	109048	17.809	ug/l 96
34) Benzene	8.00	78	254513	17.410	ug/l 98
35) Methacrylonitrile	7.13	41	42120	17.783	ug/l 93
36) 1,2-Dichloroethane	8.08	62	112737	18.088	ug/l 99
37) Trichloroethene	8.80	130	71429	17.755	ug/l 90
38) Methylcyclohexane	9.05	83	83316	17.060	ug/l 98
39) 1,2-Dichloropropane	9.09	63	68565	17.544	ug/l 98
40) Dibromomethane	9.17	93	51649	18.890	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	104780	17.671	ug/l	88
42) Vinyl Acetate	5.85	43	921749	88.954	ug/l	99
43) Ethyl Acetate	6.88	43	76860	15.454	ug/l #	84
44) Isopropyl Acetate	8.13	43	157748	17.684	ug/l #	84
45) 1,4-Dioxane	9.16	88	20260	371.885	ug/l	89
46) Methyl methacrylate	9.17	41	77990	18.082	ug/l	97
47) n-amyl Acetate	12.05	43	135230	17.570	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	117776	17.792	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	121003	17.600	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	64435	17.890	ug/l #	94
51) Ethyl methacrylate	10.40	69	96547	17.427	ug/l	90
52) 1,3-Dichloropropane	10.68	76	114107	17.917	ug/l	99
53) Dibromochloromethane	10.87	129	77386	17.197	ug/l	92
54) 1,2-Dibromoethane	10.98	107	69359	18.021	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	251963	93.609	ug/l	99
56) Bromoform	12.10	173	53216	16.726	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	446279	94.978	ug/l	100
59) 2-Hexanone	10.72	43	330621	92.802	ug/l	98
61) Tetrachloroethene	10.60	164	69839	18.334	ug/l	97
62) Toluene	10.13	91	282608	18.007	ug/l	98
64) Chlorobenzene	11.41	112	176475	18.127	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	71731	18.445	ug/l	99
66) Ethyl Benzene	11.48	91	326669	18.155	ug/l	98
67) m/p-Xylenes	11.59	106	244908	36.703	ug/l	99
68) o-Xylene	11.92	106	115325	17.799	ug/l	98
69) Styrene	11.94	104	194957	18.071	ug/l	99
70) Isopropylbenzene	12.22	105	318597	18.599	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.48	83	86311	18.784	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	85938m	18.011	ug/l	
73) Bromobenzene	12.50	156	72998	17.518	ug/l	97
74) n-propylbenzene	12.57	91	355918	18.108	ug/l	98
75) 2-Chlorotoluene	12.65	91	223084	18.381	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	269090	18.534	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	31933	17.307	ug/l	83
78) 4-Chlorotoluene	12.75	91	232830	18.400	ug/l	100
79) tert-butylbenzene	12.97	119	211851	17.854	ug/l	94
80) 1,2,4-Trimethylbenzene	13.01	105	267137	18.129	ug/l	99
81) sec-Butylbenzene	13.14	105	275384	17.878	ug/l	96
82) p-Isopropyltoluene	13.26	119	251659	17.804	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	131143	17.843	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	134383	17.956	ug/l	99
85) n-Butylbenzene	13.59	91	218892	17.599	ug/l	97
86) Hexachloroethane	13.85	117	42166	17.667	ug/l	94
87) 1,2-Dichlorobenzene	13.63	146	129256	18.024	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	20736	18.520	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	69533	16.997	ug/l	94
90) Hexachlorobutadiene	14.98	225	38790	17.317	ug/l	98
91) Naphthalene	15.10	128	209973	17.552	ug/l	97
92) 1,2,3-Trichlorobenzene	15.28	180	67705	17.258	ug/l	99

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

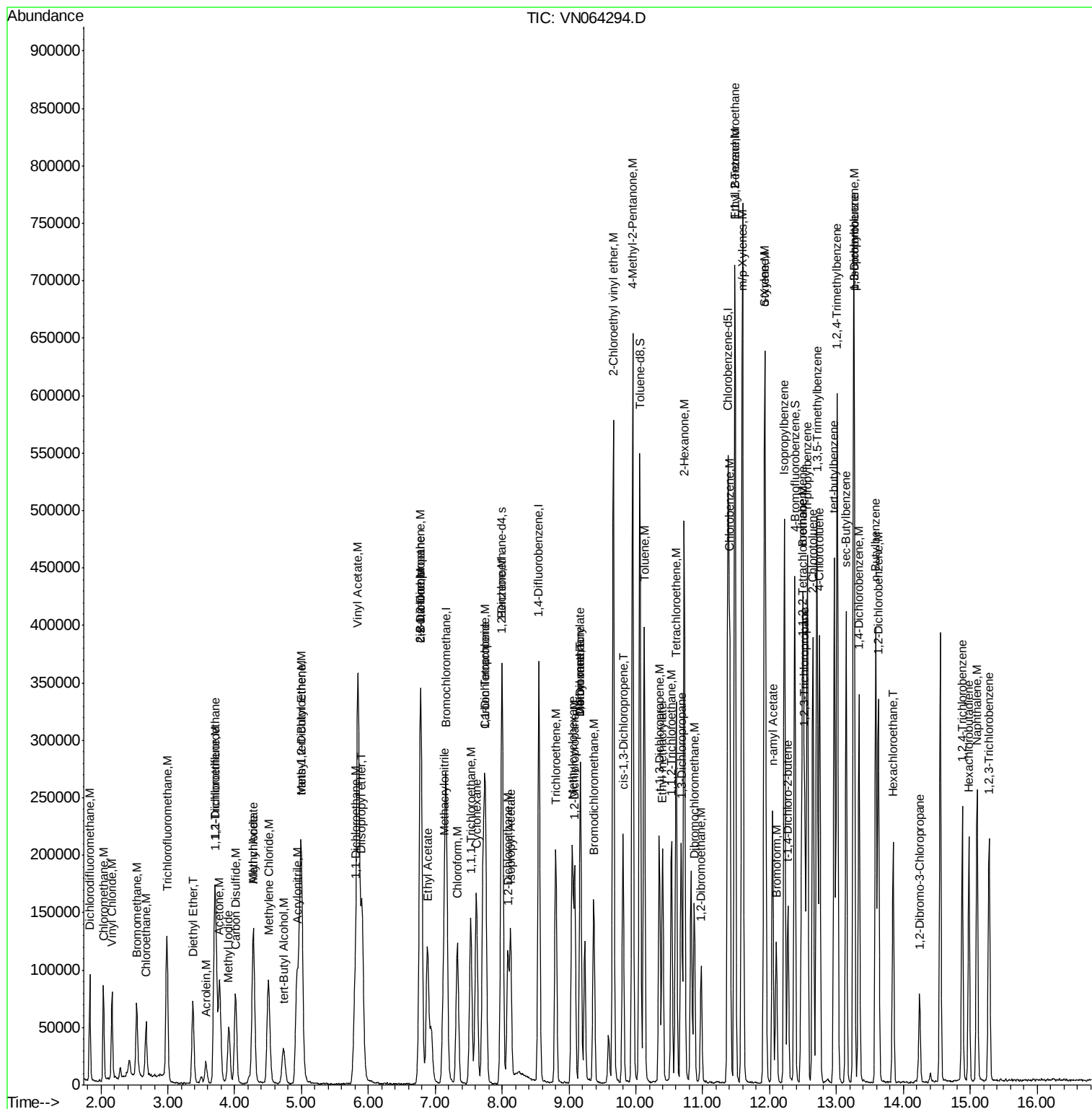
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Data File : VN064294.D  
Acq On    : 23 Oct 2020   18:30  
Operator  : JC/MD  
Sample    : VN1023WBS01  
Misc      : 5.00mL/MSVOA N/WATER  
ALS Vial  : 17      Sample Multiplier: 1
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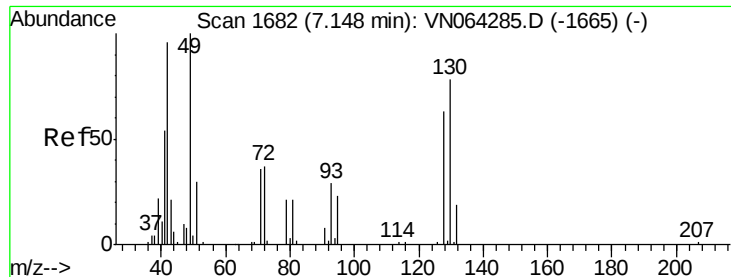
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Manual Integrations APPROVED

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10/26/2020 1:39:12 PM

Quant Time: Oct 26 02:37:55 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

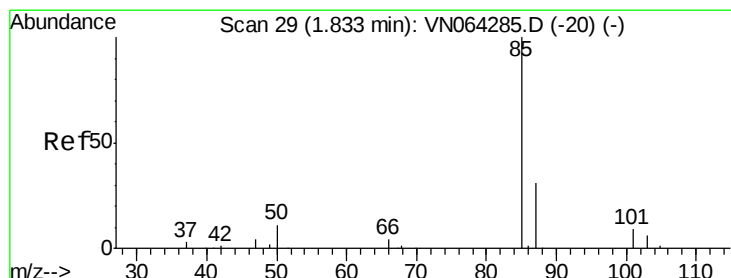
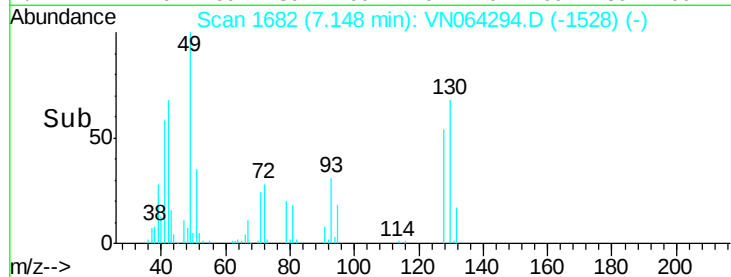
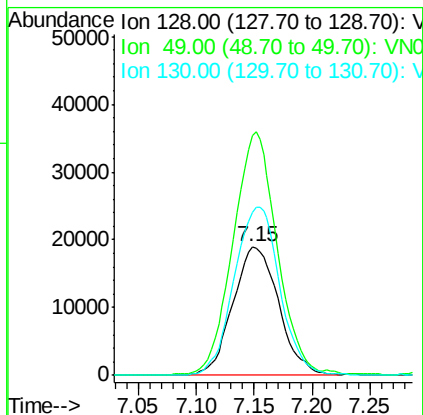
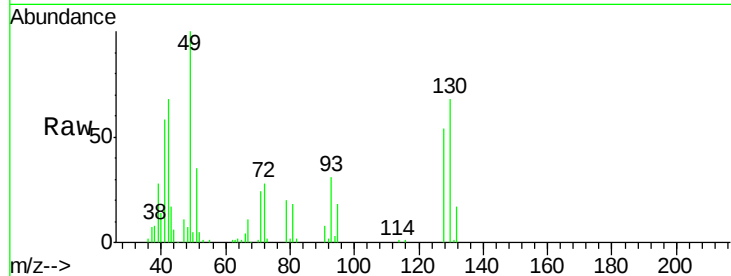
ClientSampleId :

VN1023WBS01

Tot Ion:	128	Resp:	52121
Ion	Ratio	Lower	Upper
128	100		
49	179.2	0.0	445.0
130	130.2	0.0	320.2

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 20.668 ug/l

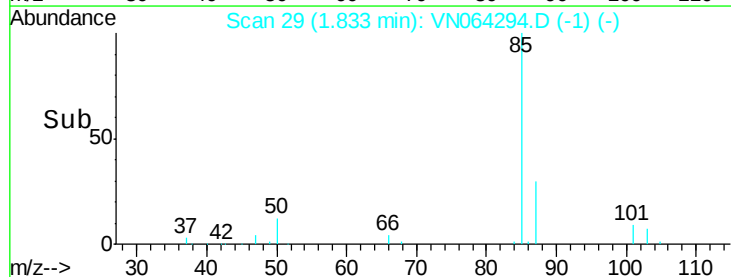
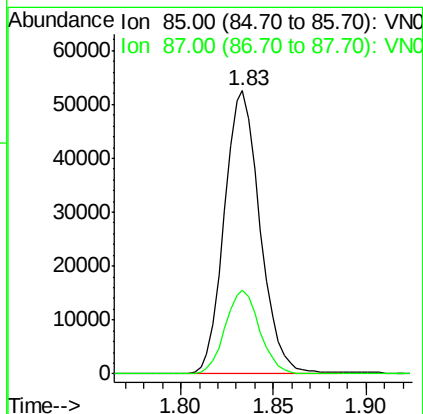
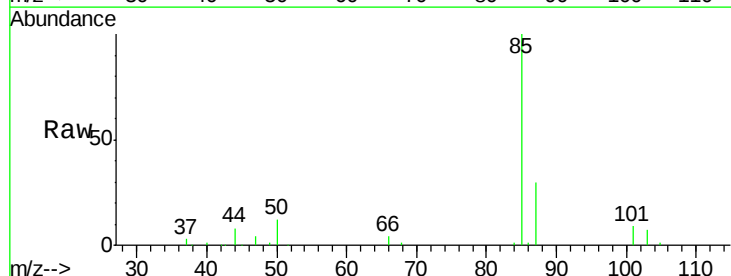
RT: 1.83 min Scan# 29

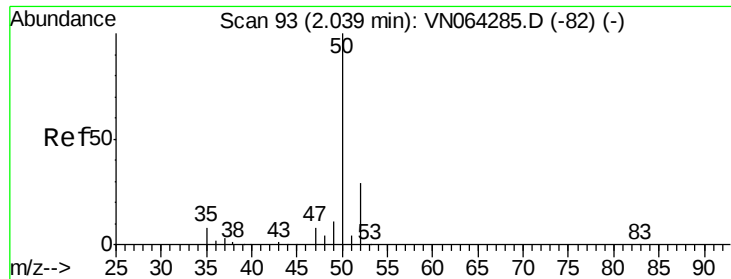
Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Tgt Ion:	85	Resp:	70079
Ion	Ratio	Lower	Upper
85	100		
87	29.6	16.4	49.2





#3

Chloromethane

Concen: 19.014 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tot Ion: 50 Resp: 68092

Ion Ratio Lower Upper

50 100

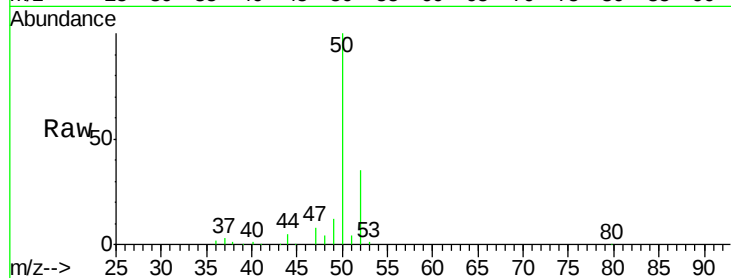
52 34.8 27.1 40.7

Manual Integrations

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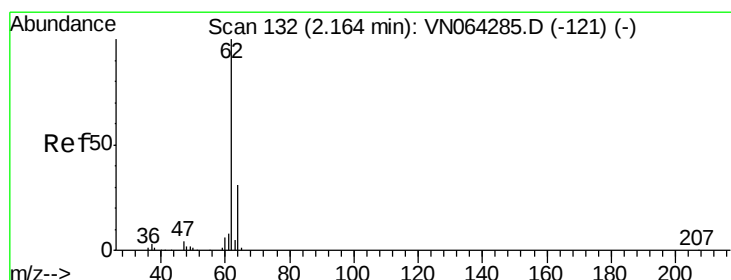
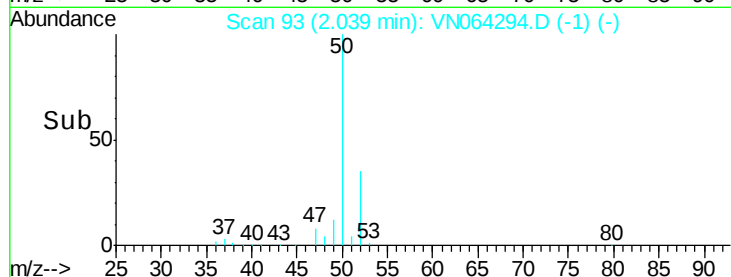
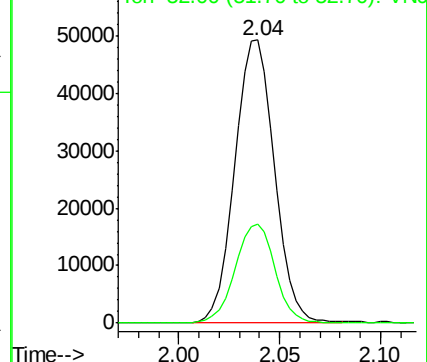
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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 18.456 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064294.D

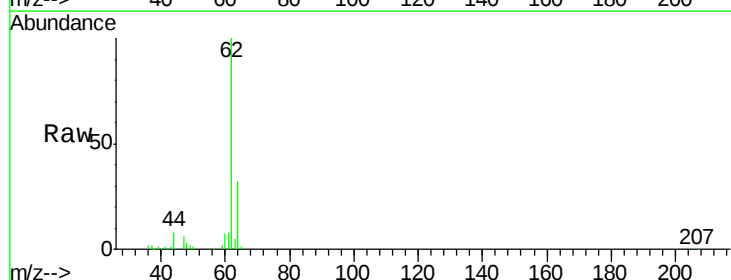
Acq: 23 Oct 2020 18:30

Tgt Ion: 62 Resp: 66393

Ion Ratio Lower Upper

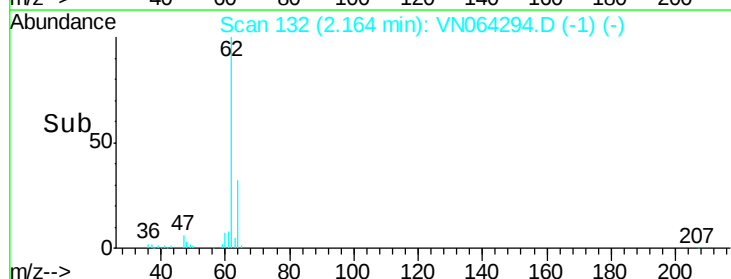
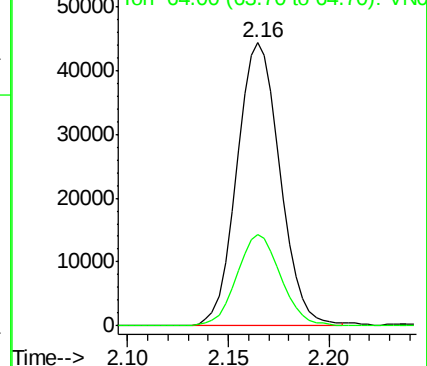
62 100

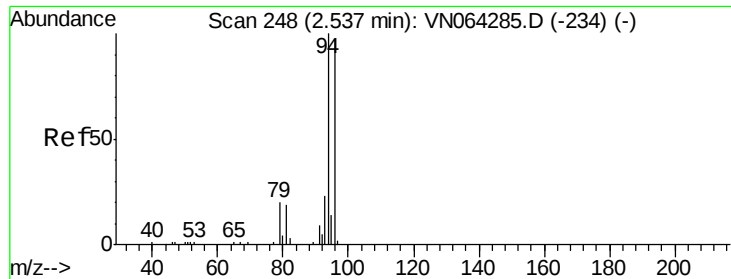
64 32.5 26.6 39.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 18.079 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tot Ion: 94 Resp: 42693

Ion Ratio Lower Upper

94 100

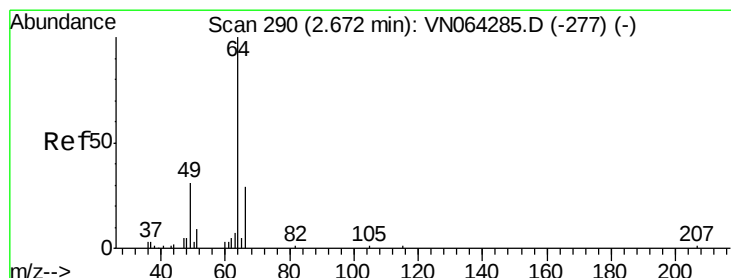
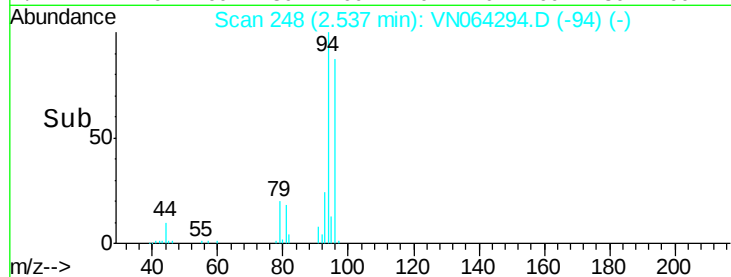
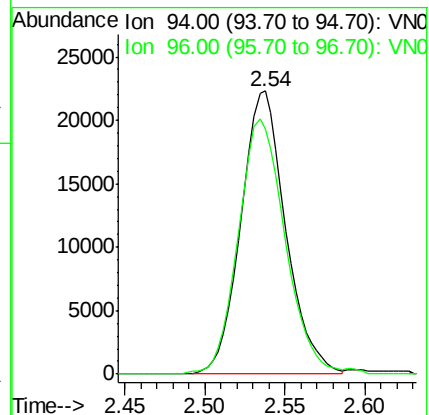
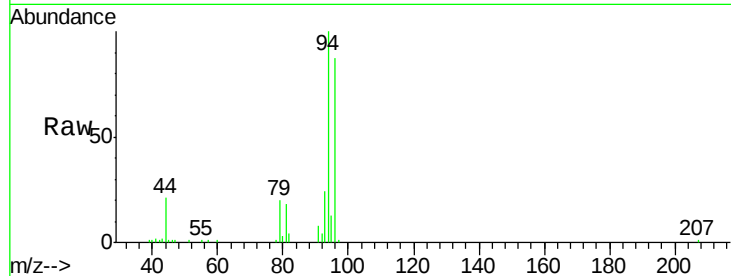
96 85.6 72.4 108.6

Manual Integrations

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#6

Chloroethane

Concen: 19.647 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064294.D

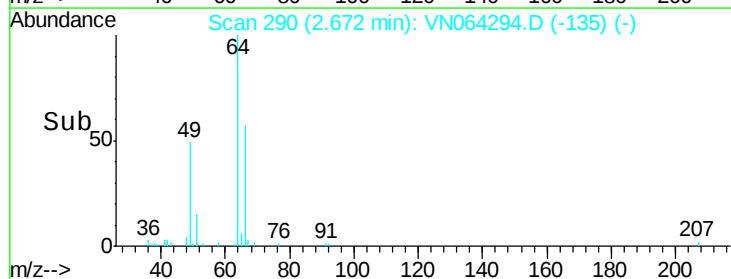
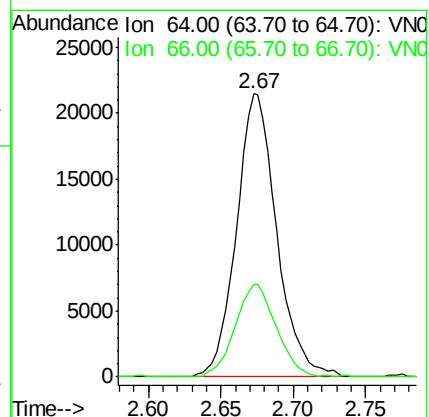
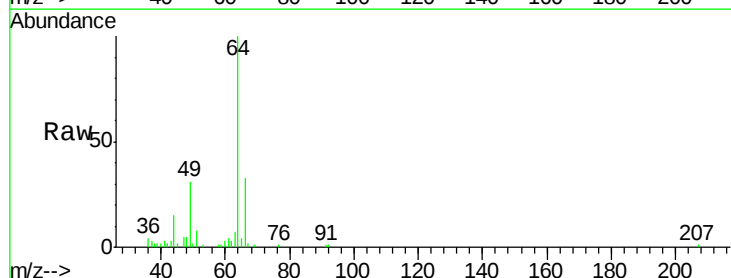
Acq: 23 Oct 2020 18:30

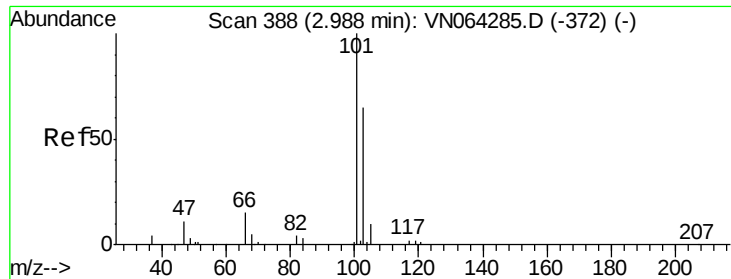
Tgt Ion: 64 Resp: 41449

Ion Ratio Lower Upper

64 100

66 32.6 23.4 35.2





#7

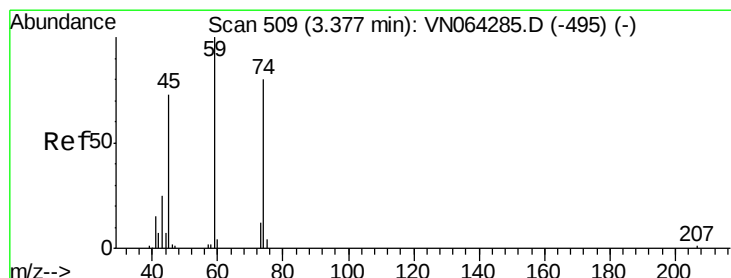
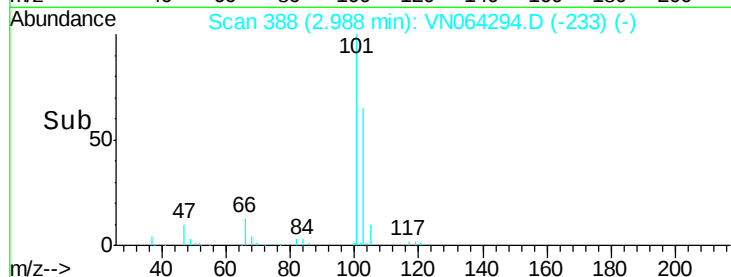
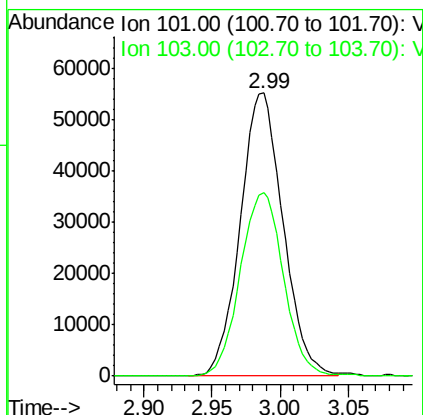
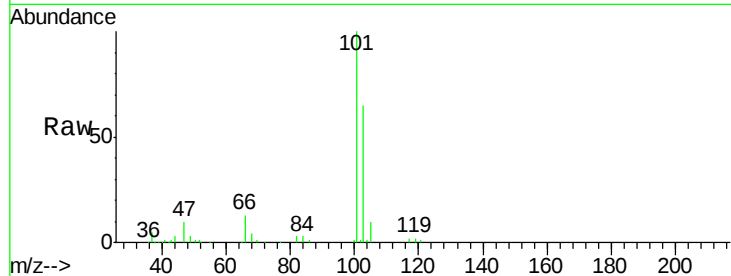
Trichlorofluoromethane
Concen: 19.807 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		120525		
103	64.8	51.4	77.0		

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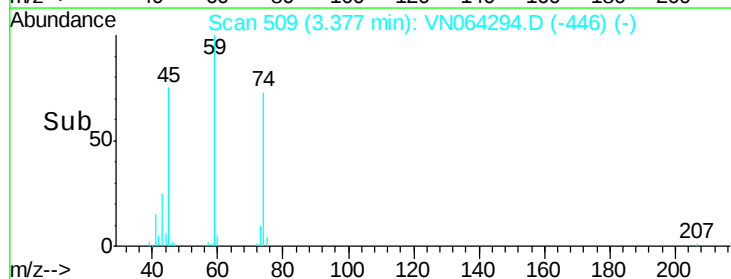
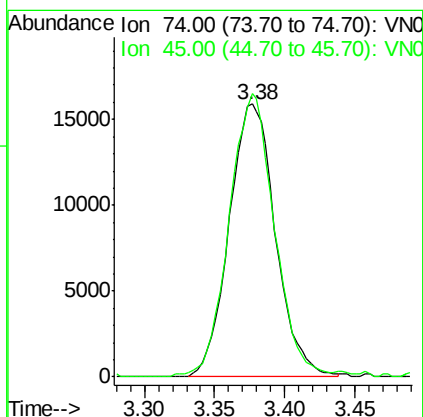
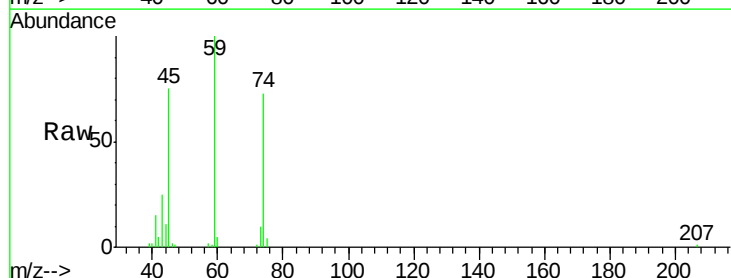
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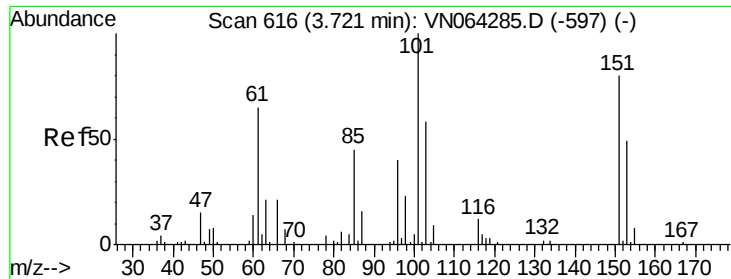


#8

Diethyl Ether
Concen: 18.212 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064294.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		36519		
45	101.2	21.3	191.3		





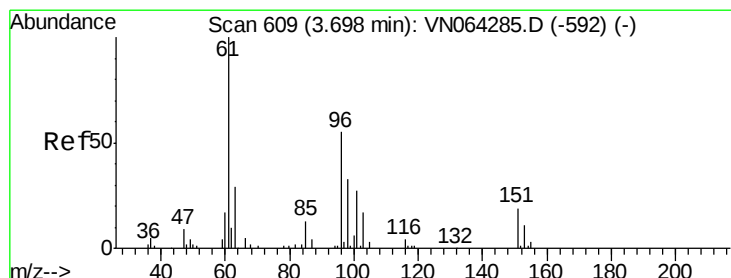
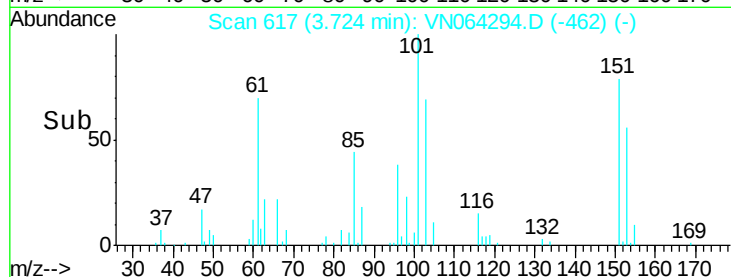
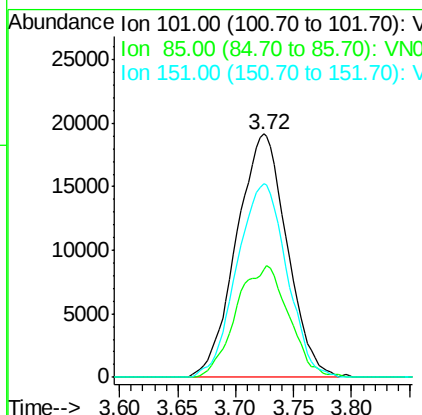
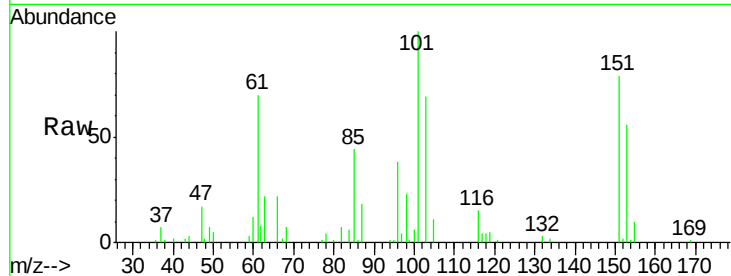
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.112 ug/l
 RT: 3.72 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	20.4	0.0	47.4
151	78.8	0.0	148.4

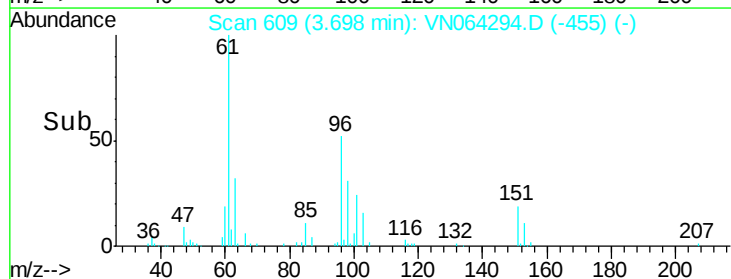
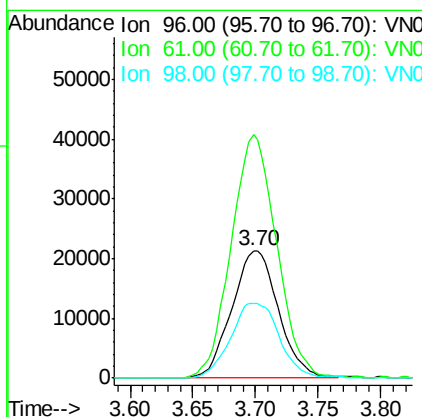
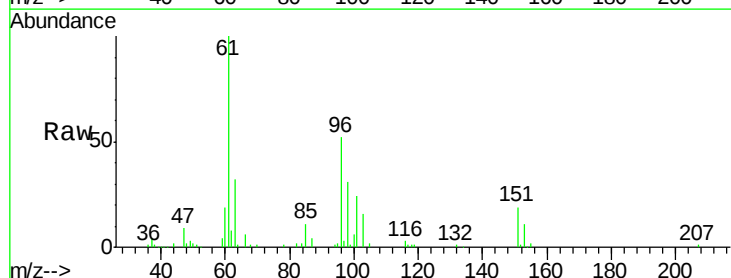
Manual Integrations
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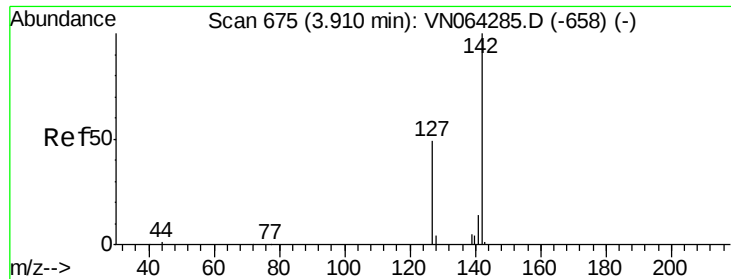
MMDadoda
 10/26/2020 1:39:12 PM



#10
 1,1-Dichloroethene
 Concen: 18.878 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	190.3	144.2	216.4
98	58.5	47.4	71.0





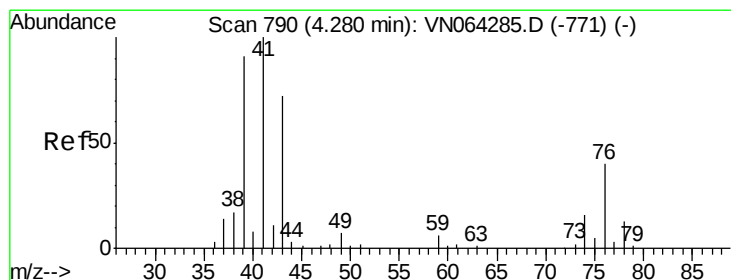
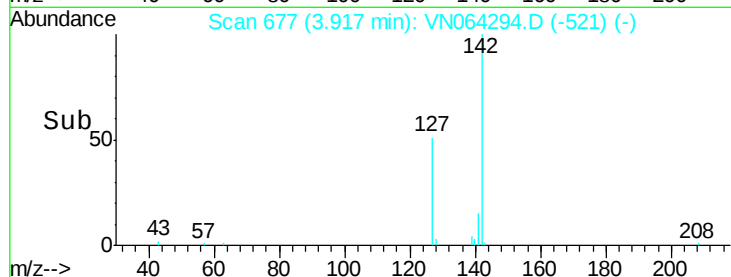
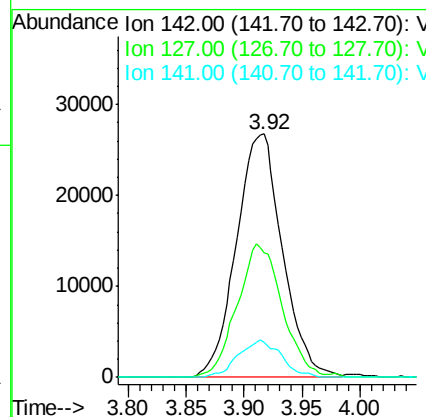
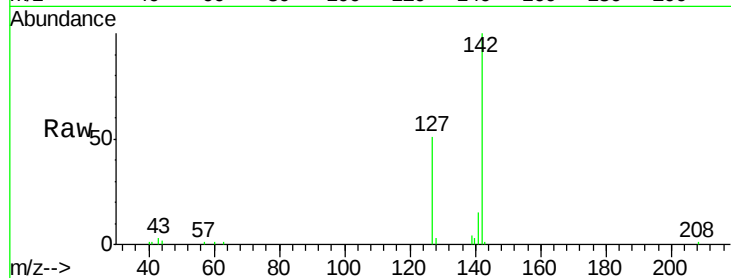
#11
Methvl Iodide
Concen: 17.812 ug/l
RT: 3.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	51.2	25.9	77.8
141	14.7	7.5	22.6

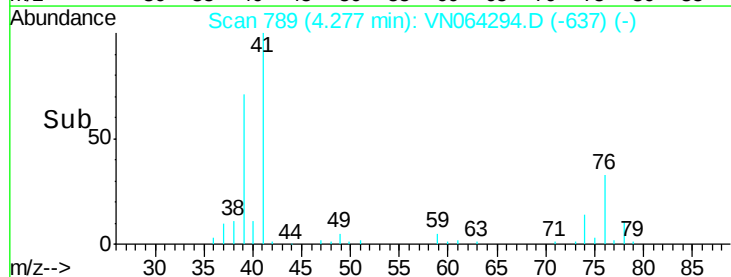
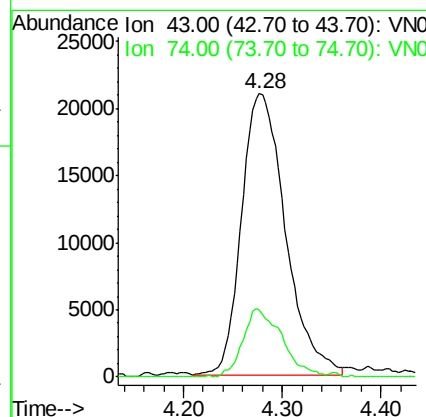
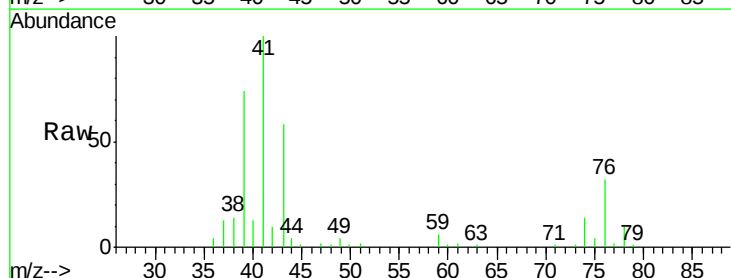
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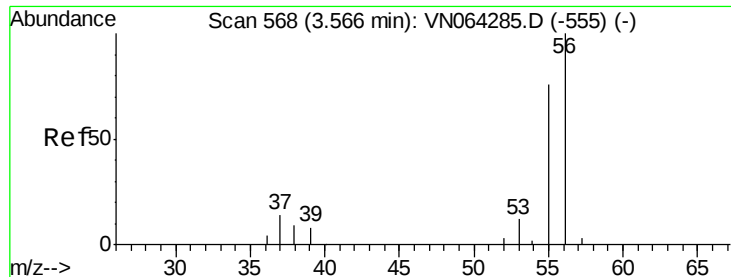
MMDadoda
10/26/2020 1:39:12 PM



#12
Methyl Acetate
Concen: 19.011 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.0	28.6





#13

Acrolein

Concen: 68.832 ug/l

RT: 3.57 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tot Ion: 56 Resp: 19210

Ion Ratio Lower Upper

56 100

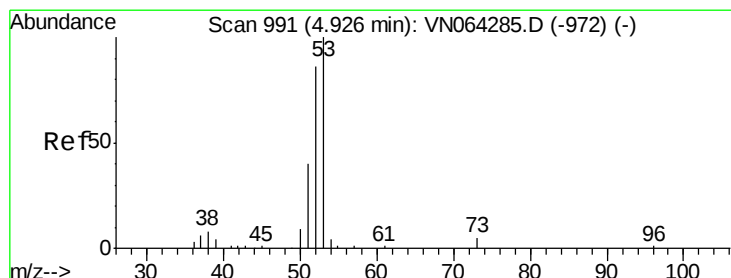
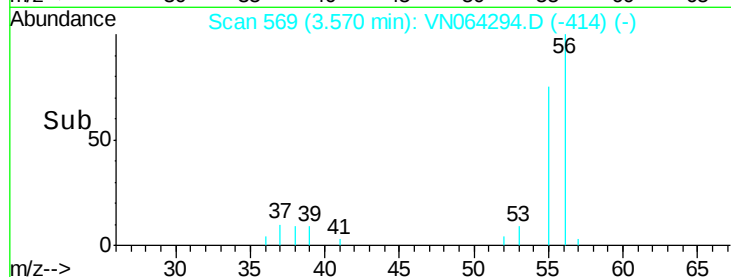
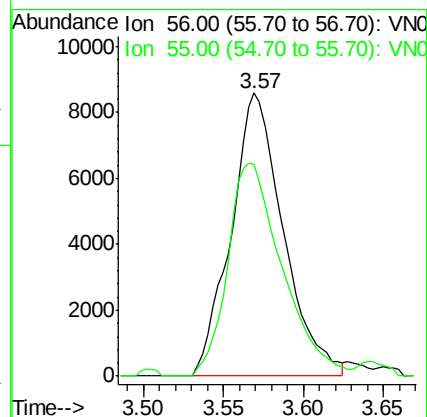
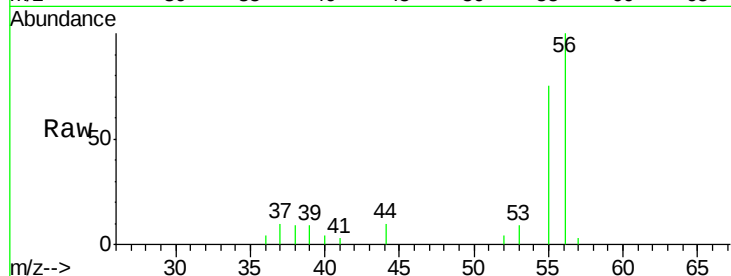
55 78.2 61.0 91.6

Manual Integrations

APPROVED

MMDadoda

10/26/2020 1:39:12 PM



#14

Acrylonitrile

Concen: 92.329 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

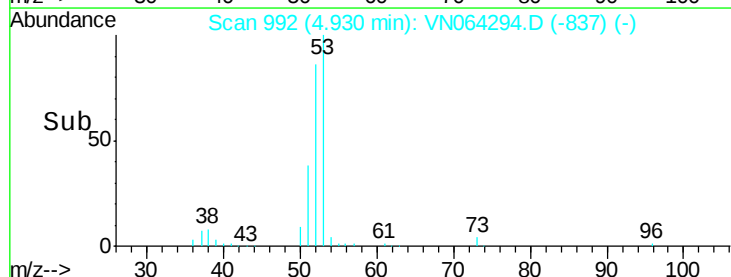
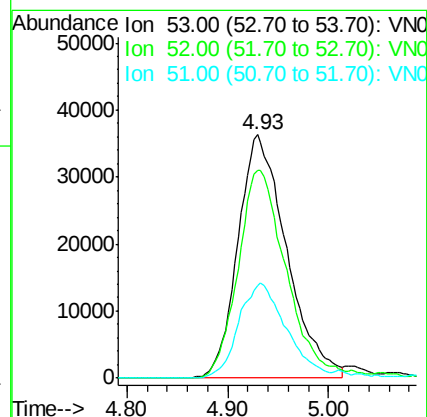
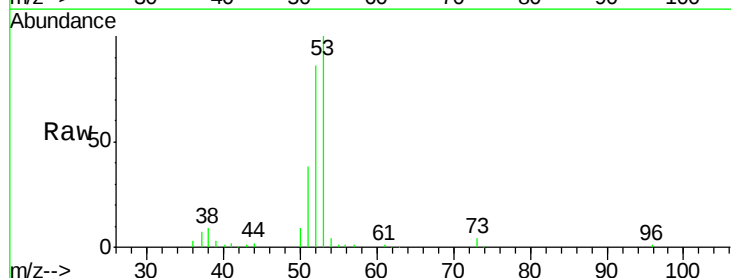
Tgt Ion: 53 Resp: 121528

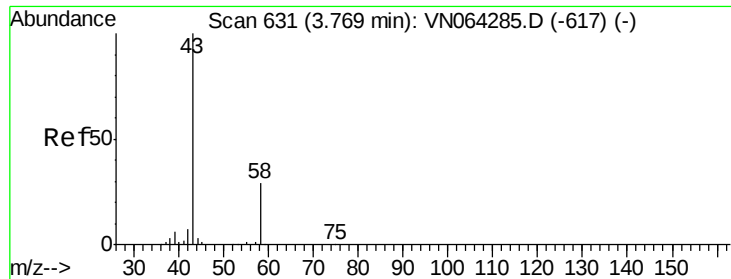
Ion Ratio Lower Upper

53 100

52 83.0 41.7 125.1

51 38.0 18.9 56.7





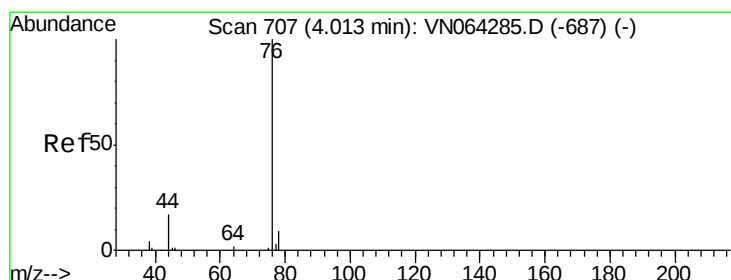
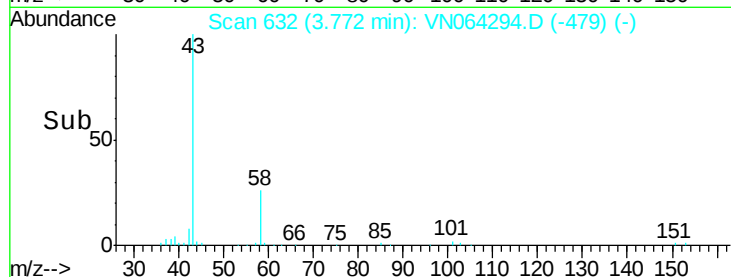
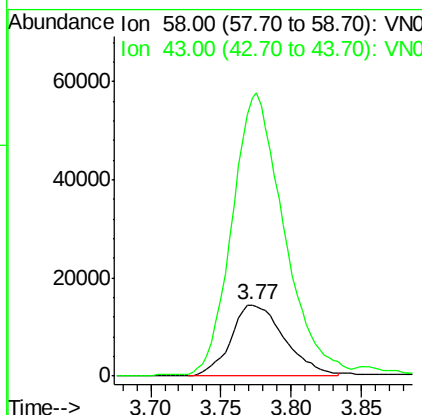
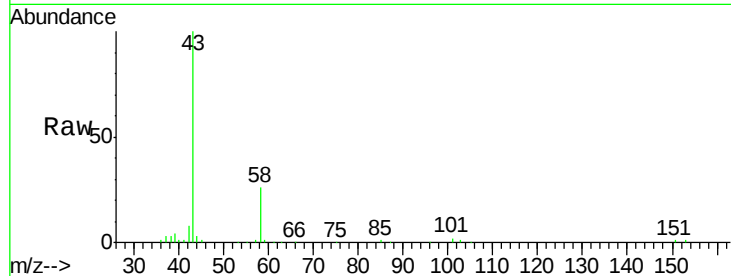
#15
Acetone
Concen: 92.409 ug/l
RT: 3.77 min Scan# 632
Delta R.T. -0.01 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion: 58 Resp: 38935
Ion Ratio Lower Upper
58 100
43 385.6 297.4 446.0

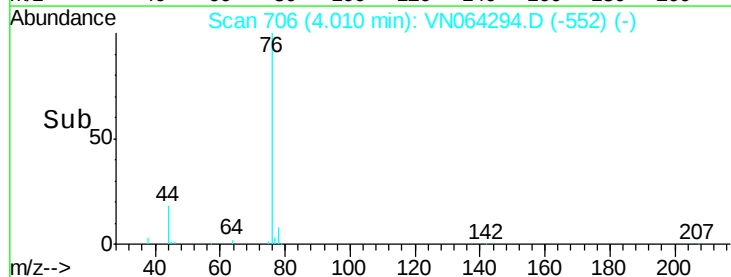
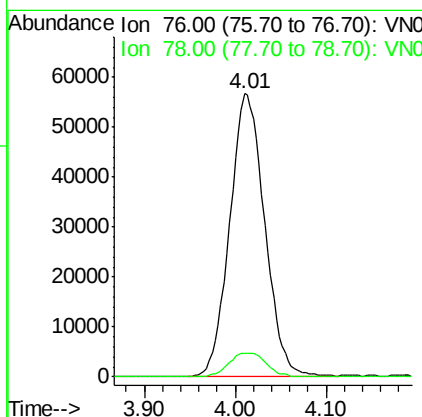
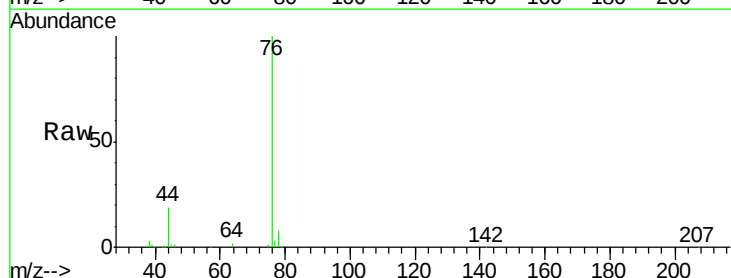
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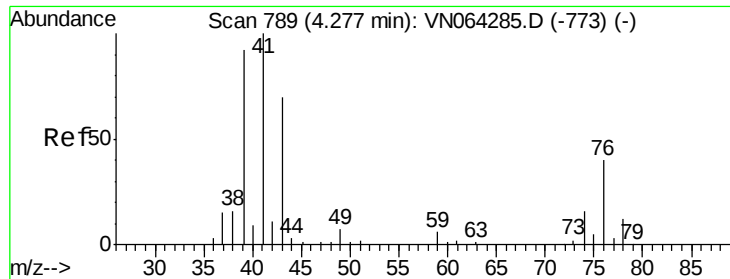
MMDadoda
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#16
Carbon Disulfide
Concen: 17.999 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion: 76 Resp: 151665
Ion Ratio Lower Upper
76 100
78 8.4 9.0 13.4#





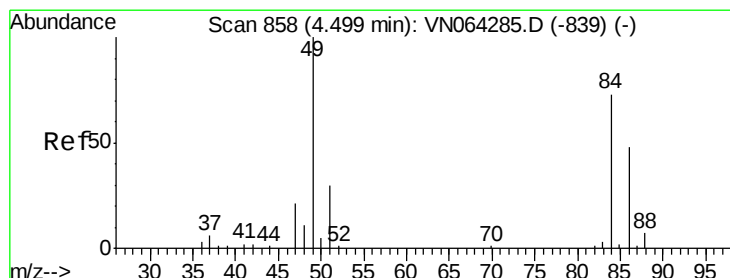
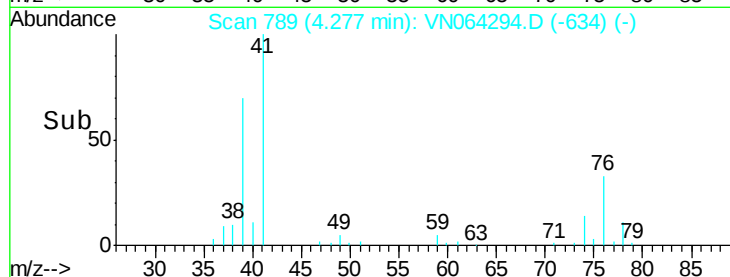
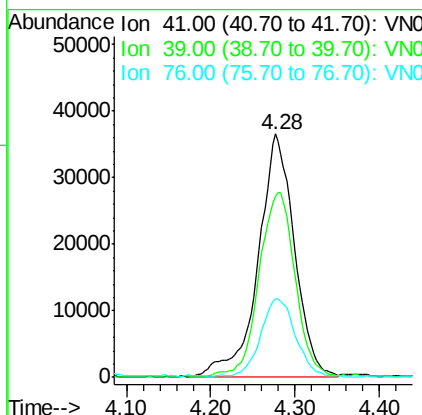
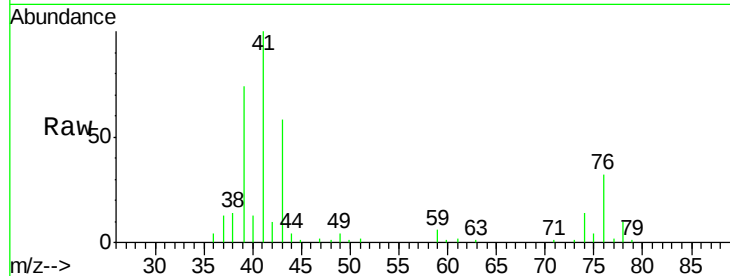
#17
Allvl chloride
Concen: 19.666 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.7	39.9	119.6
76	31.4	21.4	64.2

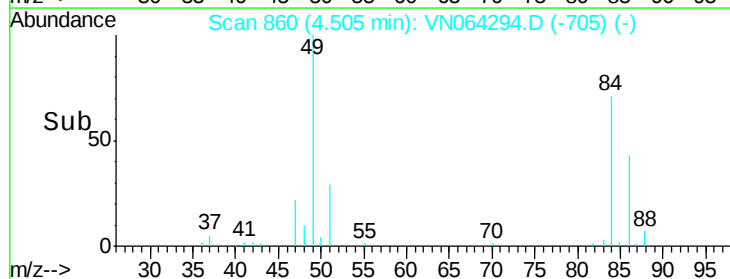
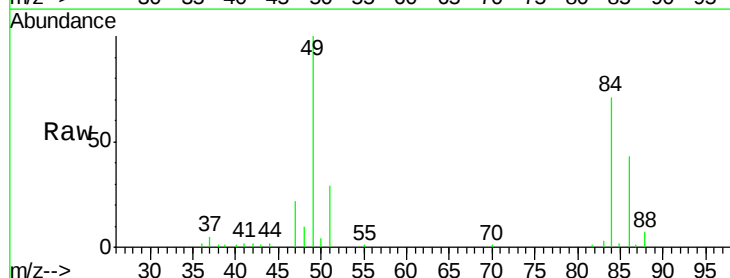
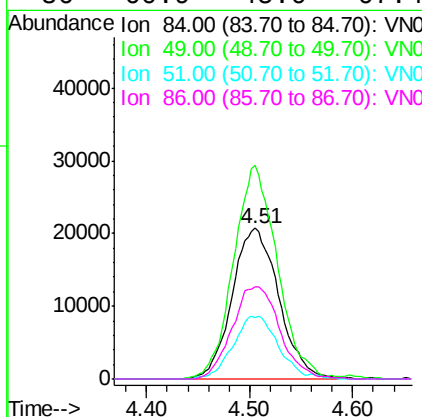
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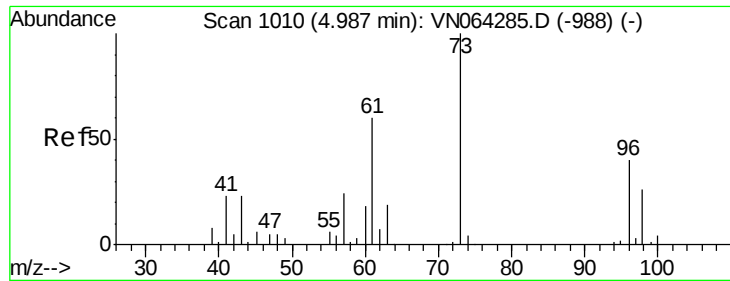
MMDadoda
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#18
Methylene Chloride
Concen: 19.147 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.5	101.1	151.7
51	41.2	33.4	50.0
86	60.9	45.0	67.4





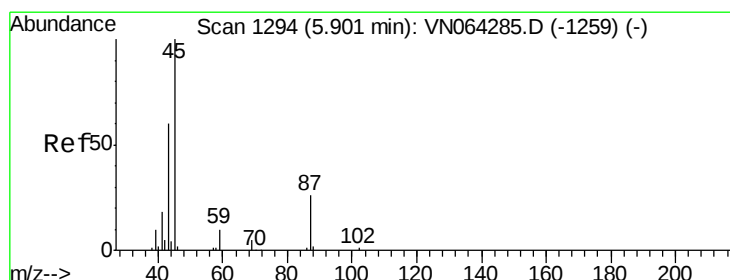
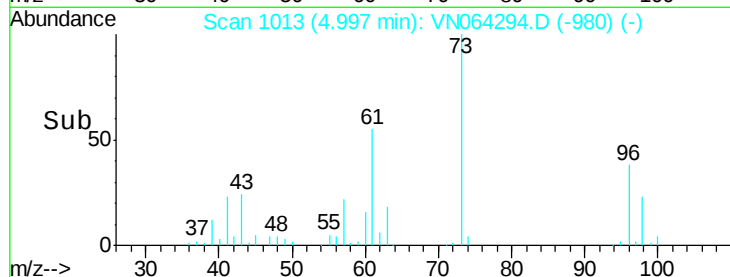
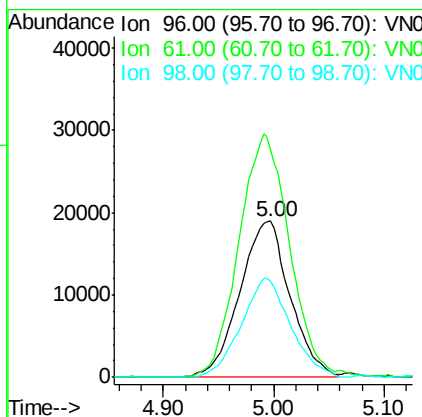
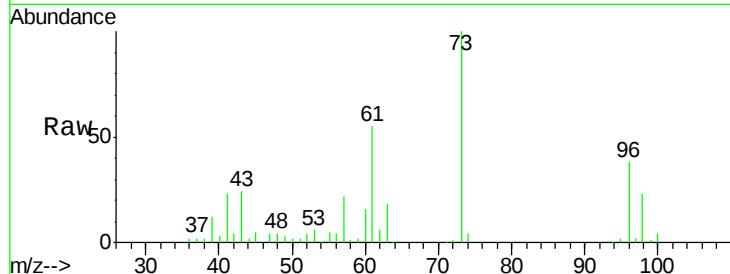
#19
trans-1,2-Dichloroethene
Concen: 18.147 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	114.2	171.2
98	61.9	52.8	79.2

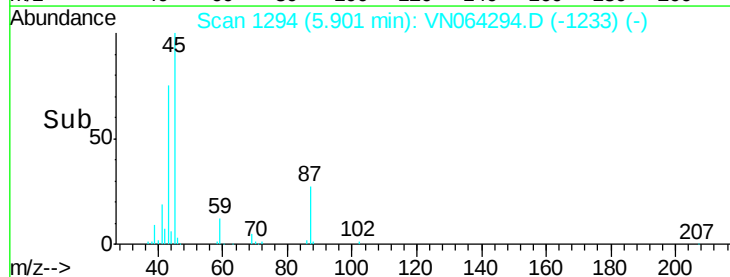
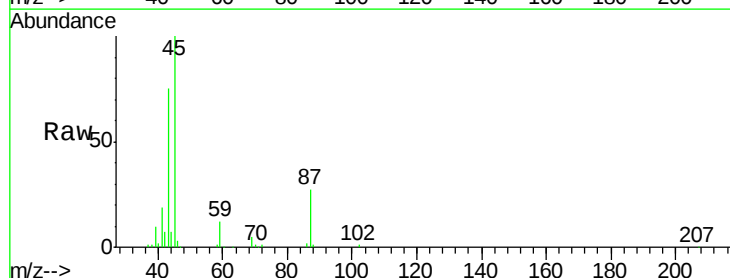
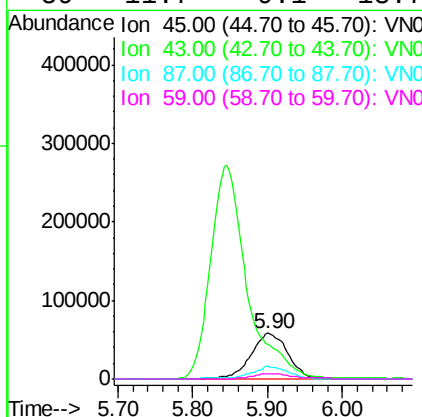
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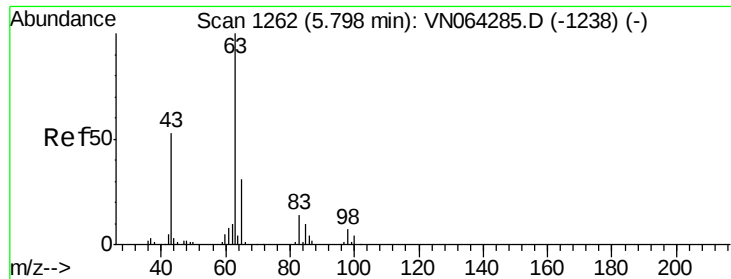
MMDadoda
10/26/2020 1:39:12 PM



#20
Diisopropyl ether
Concen: 19.000 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.5	58.9	88.3
87	27.3	21.0	31.4
59	11.7	9.1	13.7





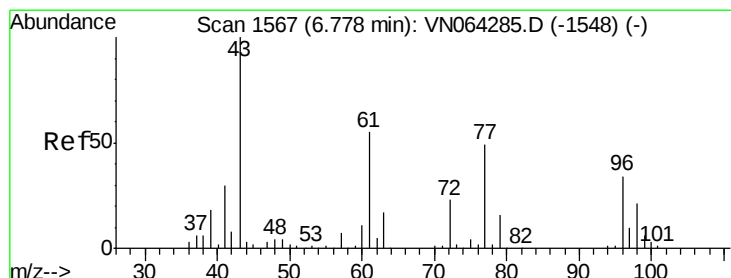
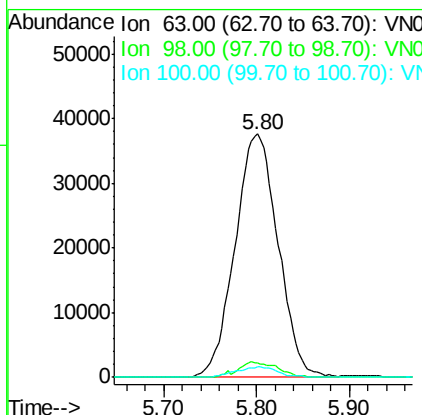
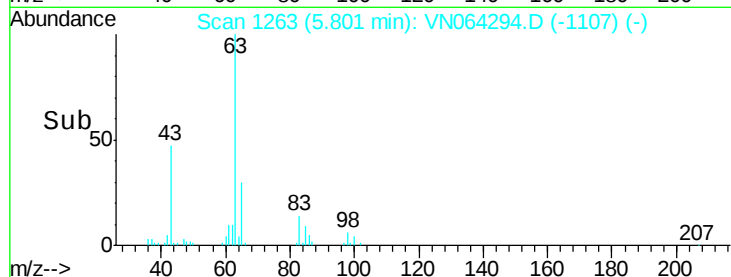
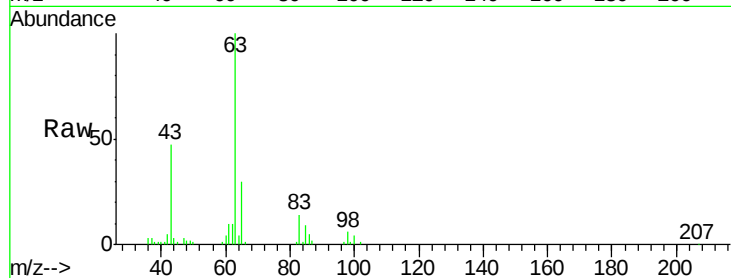
#21
 1,1-Dichloroethane
 Concen: 19.141 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	5.7	3.5	10.6
100	4.2	1.6	4.7

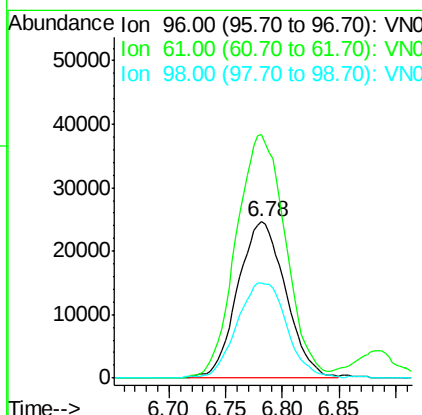
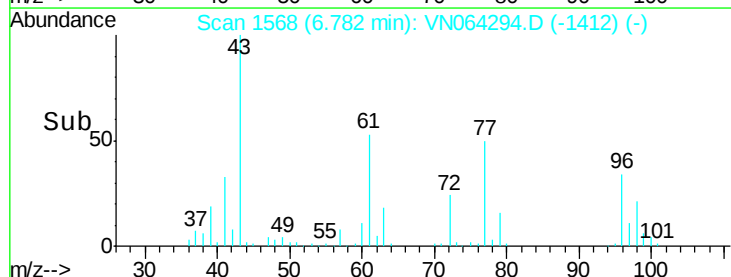
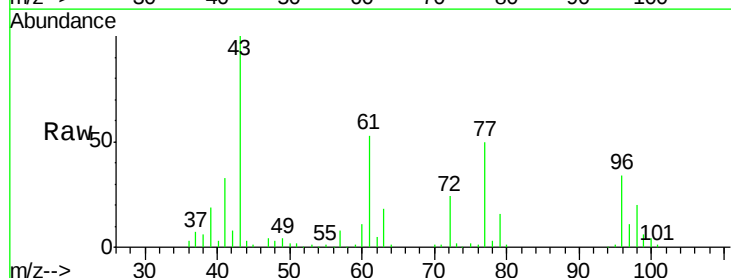
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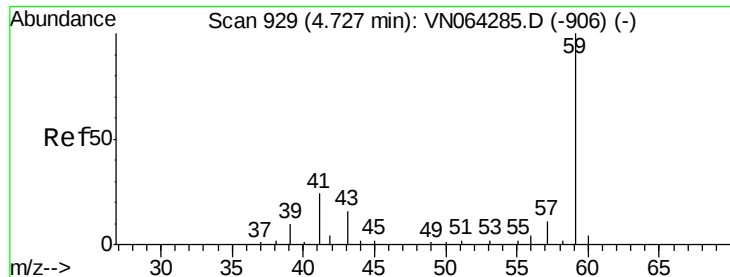
MMDadoda
 10/26/2020 1:39:12 PM



#22
 cis-1,2-Dichloroethene
 Concen: 19.165 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	160.2	132.2	198.2
98	63.3	26.5	39.7#





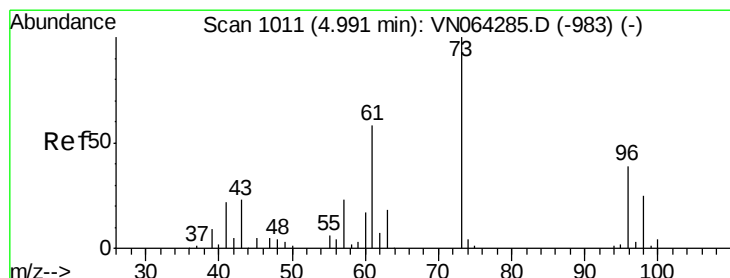
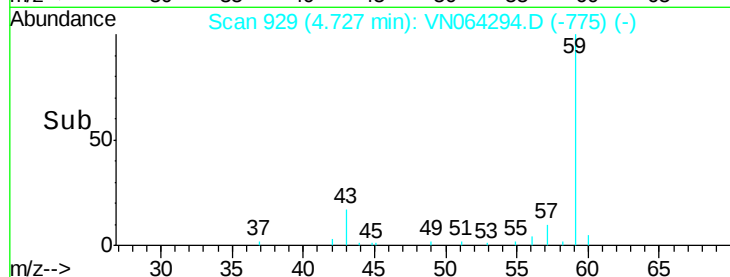
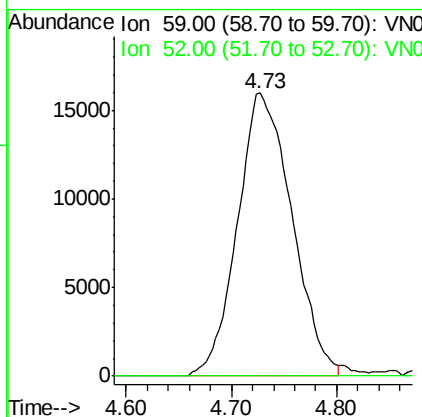
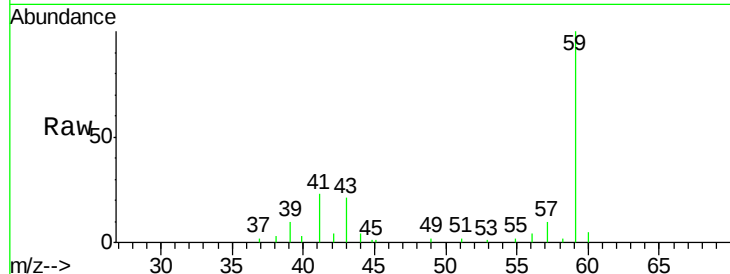
#23
 tert-Butyl Alcohol
 Concen: 93.831 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tot Ion: 59 Resp: 57267
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.2#

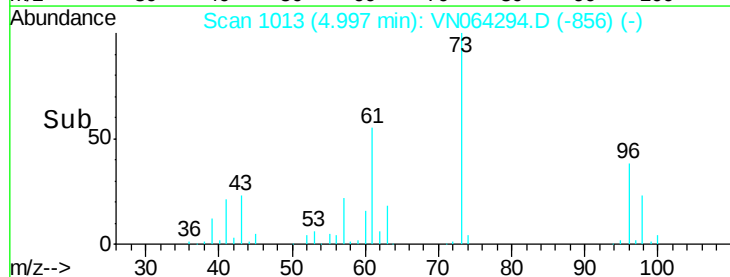
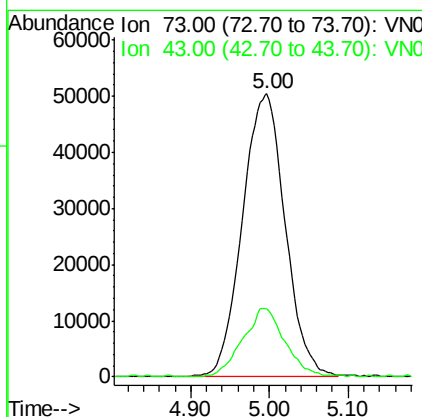
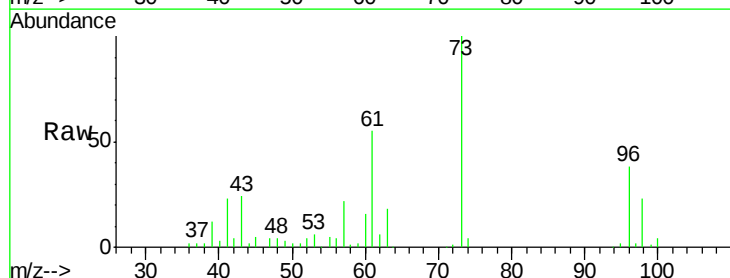
Manual Integrations
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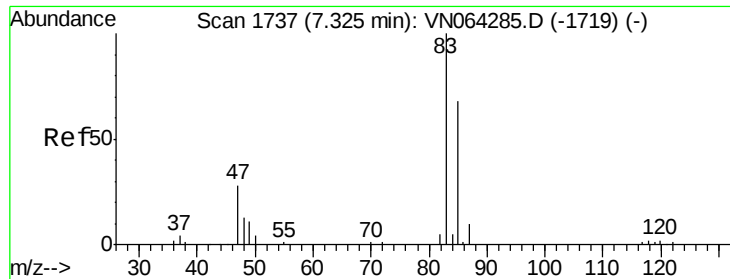
MMDadoda
 10/26/2020 1:39:12 PM



#24
 Methyl tert-Butyl Ether
 Concen: 19.119 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Tgt Ion: 73 Resp: 193125
 Ion Ratio Lower Upper
 73 100
 43 12.8 19.7 29.5#





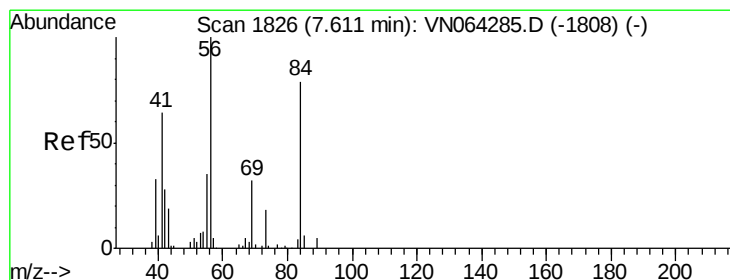
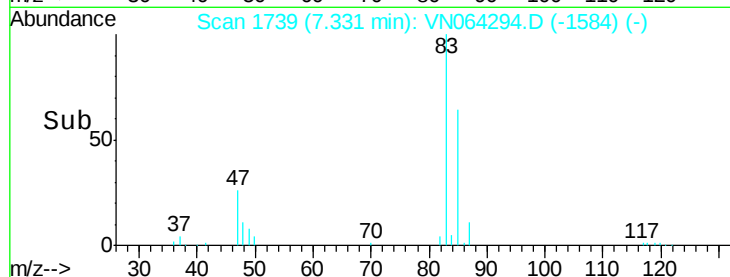
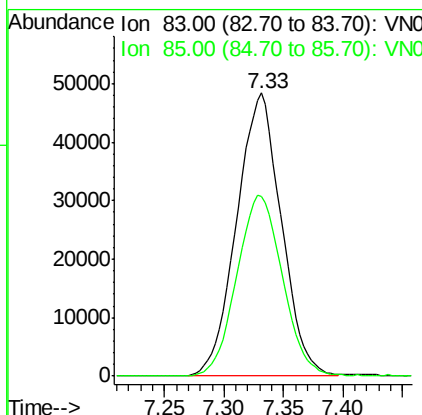
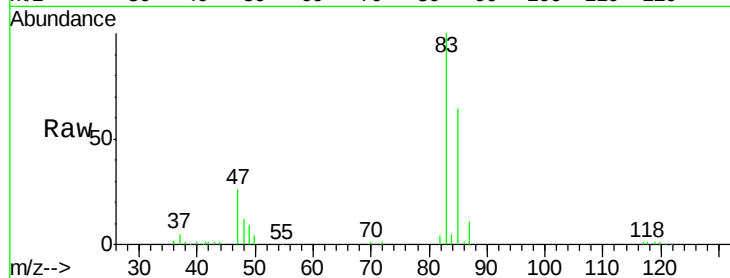
#25
Chloroform
Concen: 18.351 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampled :
VN1023WBS01

Tot Ion	83	Resp	125854
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	50.3	75.5

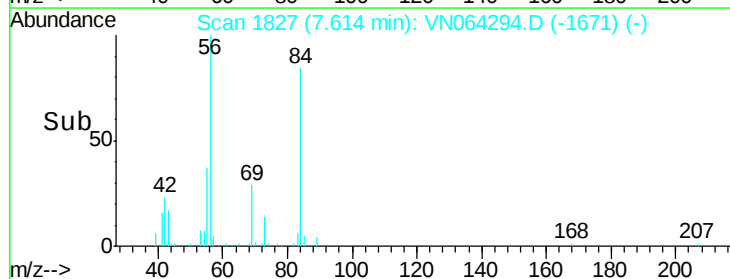
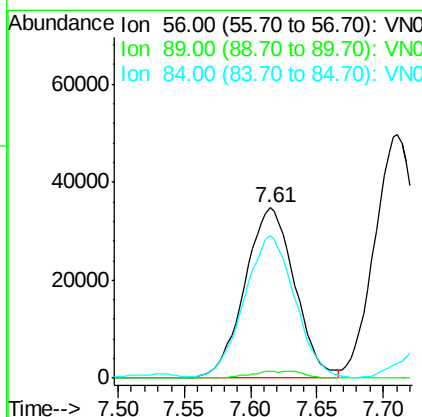
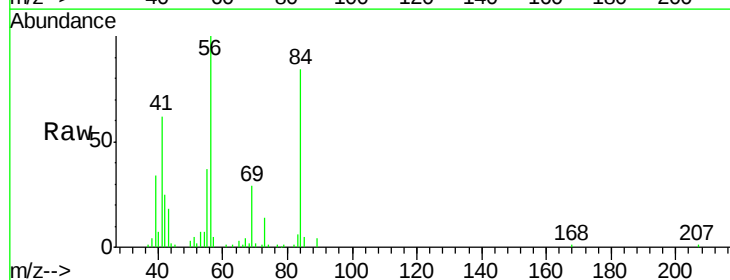
Manual Integrations
APPROVED

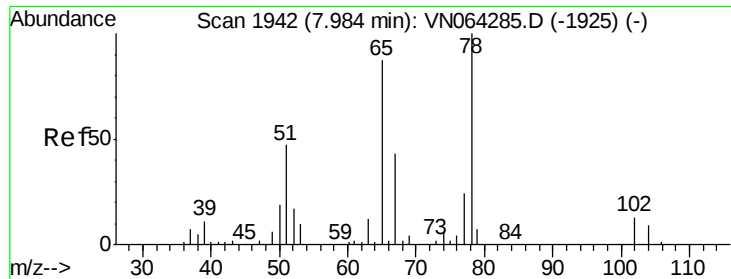
MMDadoda
10/26/2020 1:39:12 PM



#26
Cyclohexane
Concen: 18.610 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	56	Resp	91451
Ion Ratio	100	Lower	Upper
56	100		
89	2.2	3.4	5.2#
84	84.9	66.2	99.2





#27

1,2-Dichloroethane-d4

Concen: 32.432 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tot Ion: 65 Resp: 147546

Ion Ratio Lower Upper

65 100

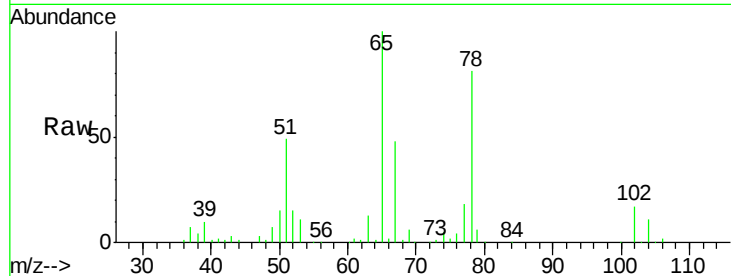
67 48.6 38.4 57.6

Manual Integrations

APPROVED

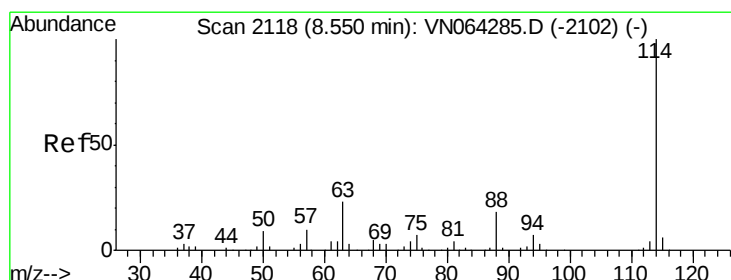
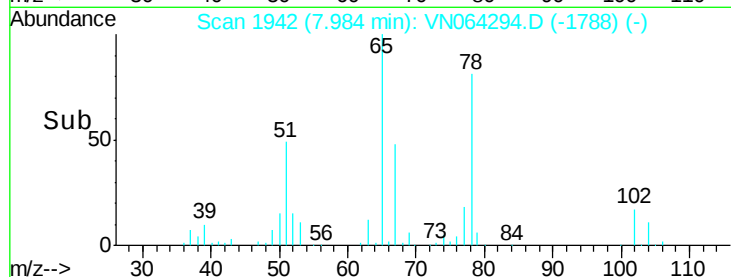
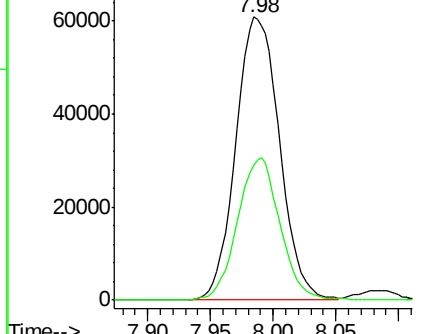
MMDadoda

10/26/2020 1:39:12 PM



Abundance Ion 65.00 (64.70 to 65.70): VN064285.D (-1925) (-)

Ion 67.00 (66.70 to 67.70): VN064285.D (-1925) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

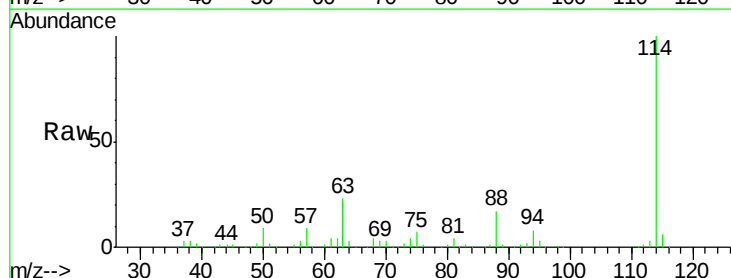
Tgt Ion: 114 Resp: 309441

Ion Ratio Lower Upper

114 100

63 22.4 17.8 26.8

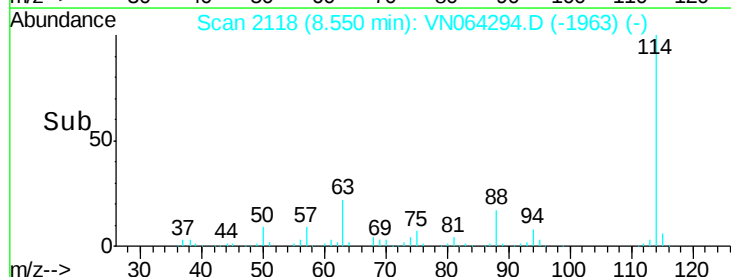
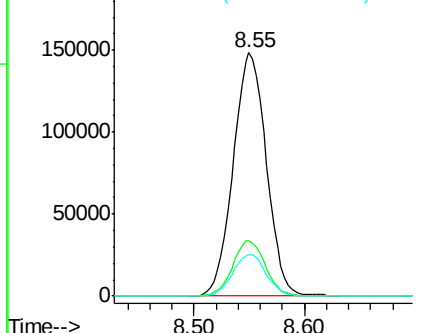
88 17.1 13.8 20.8

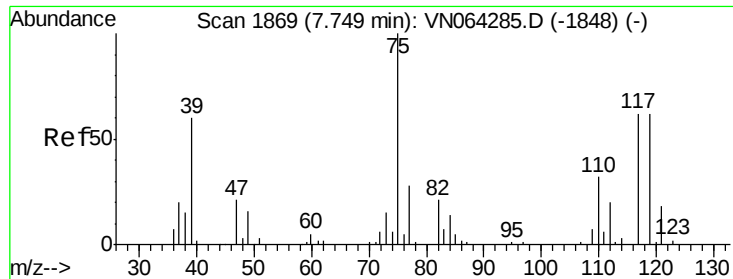


Abundance Ion 114.00 (113.70 to 114.70): VN064285.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN064285.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN064285.D (-2102) (-)





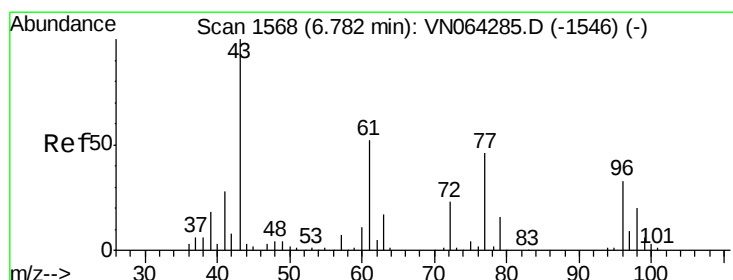
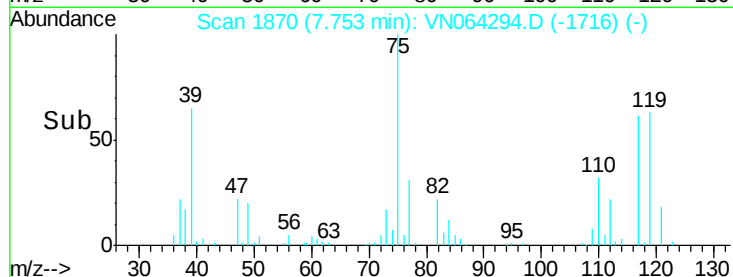
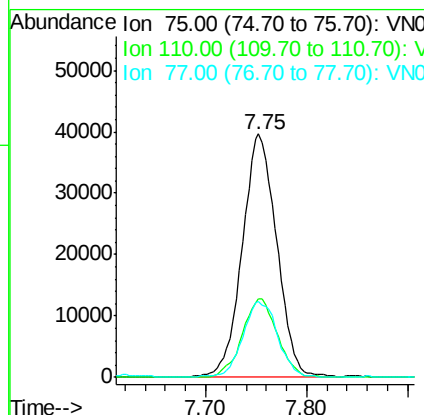
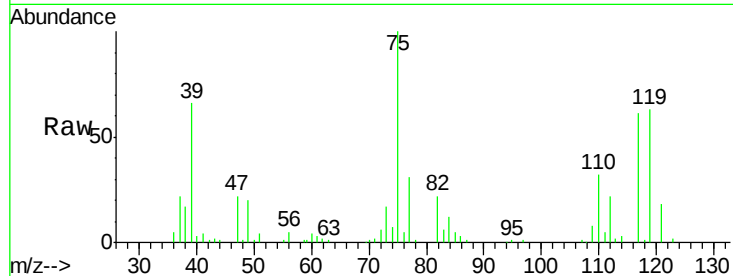
#29
 1,1-Dichloropropene
 Concen: 17.570 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.6	0.0	66.2
77	29.9	0.0	64.4

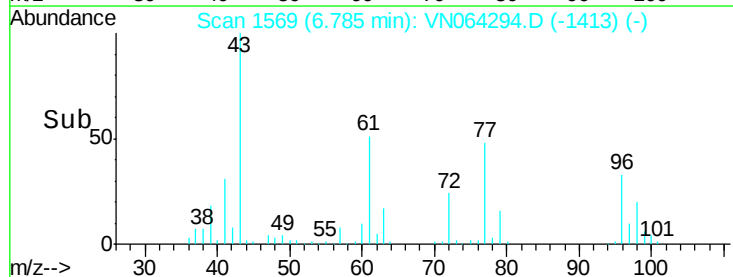
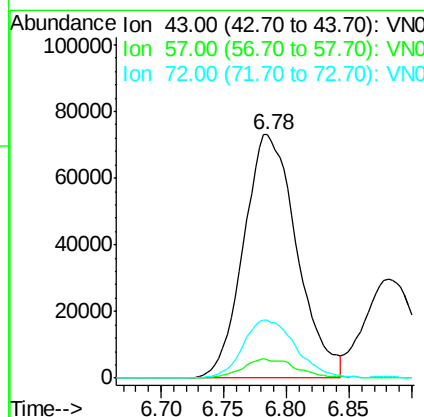
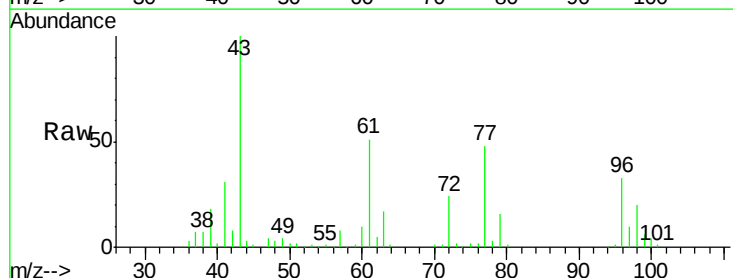
Manual Integrations
 APPROVED

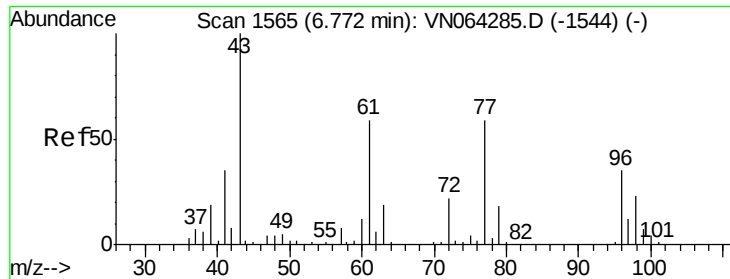
MMDadoda
 10/26/2020 1:39:12 PM



#30
 2-Butanone
 Concen: 91.421 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
43	100		
57	4.7	6.4	9.6#
72	23.8	19.4	29.0





#31

2,2-Dichloropropane

Concen: 17.728 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tot Ion: 77 Resp: 118691

Ion Ratio Lower Upper

77 100

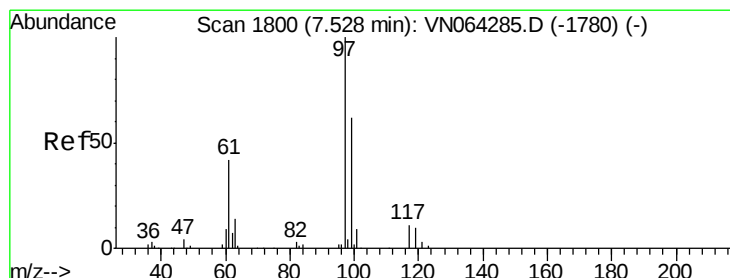
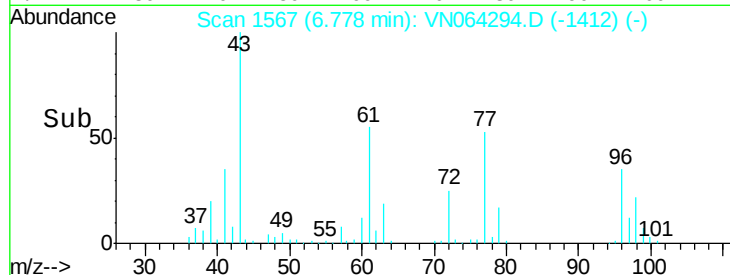
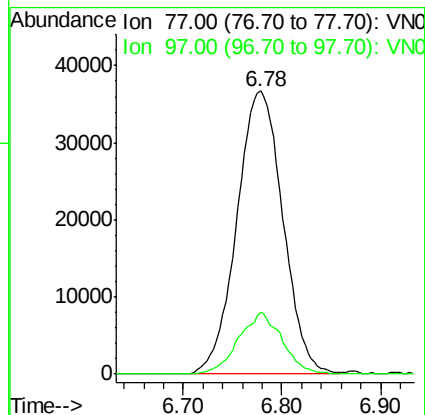
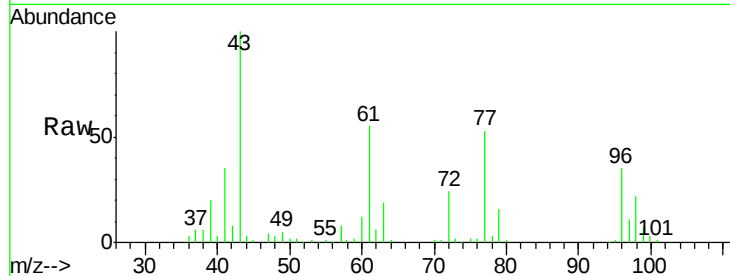
97 20.5 15.1 22.7

Manual Integrations

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10/26/2020 1:39:12 PM



#32

1,1,1-Trichloroethane

Concen: 18.152 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

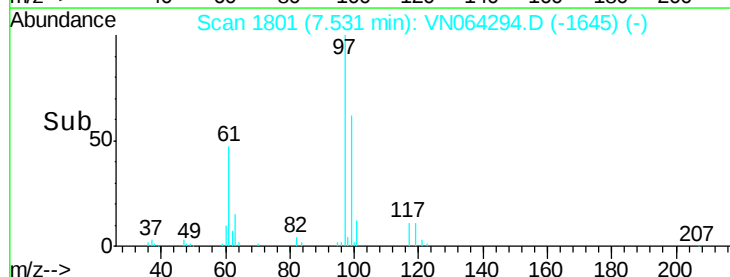
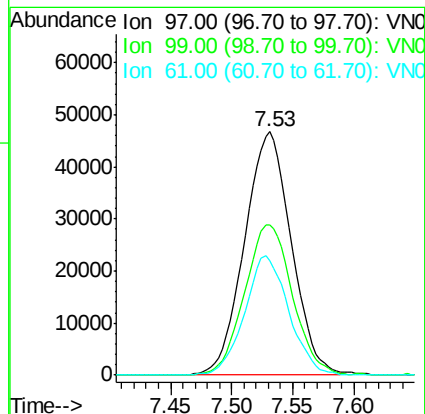
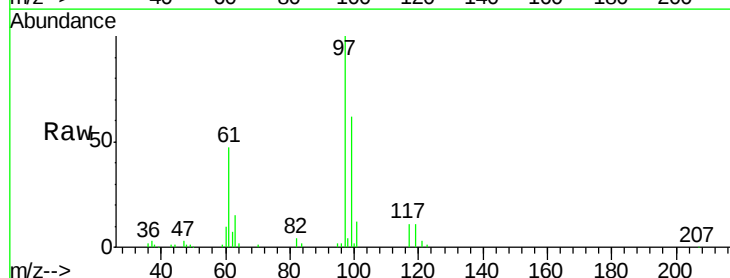
Tgt Ion: 97 Resp: 124071

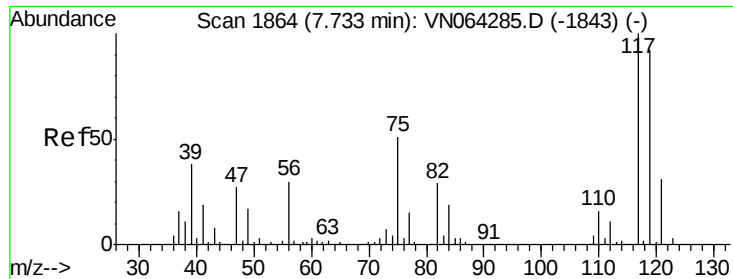
Ion Ratio Lower Upper

97 100

99 63.1 54.4 81.6

61 46.2 37.5 56.3





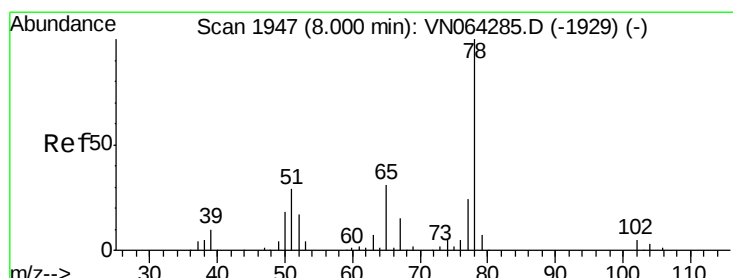
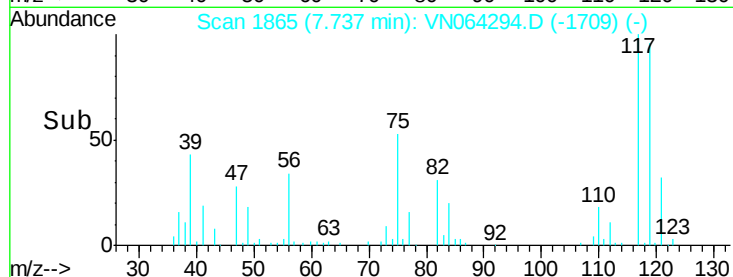
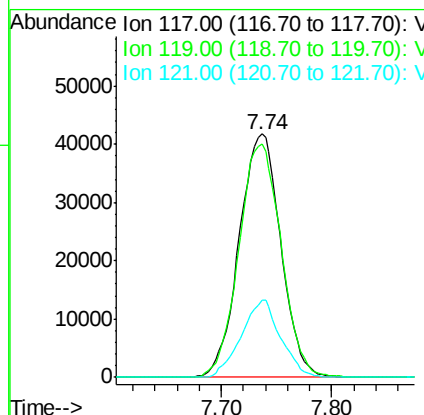
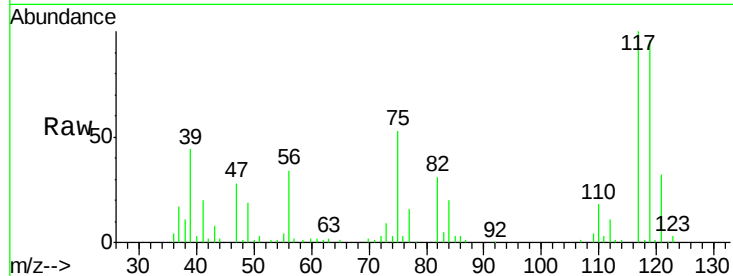
#33
Carbon Tetrachloride
Concen: 17.809 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	80.1	120.1
121	31.5	26.2	39.2

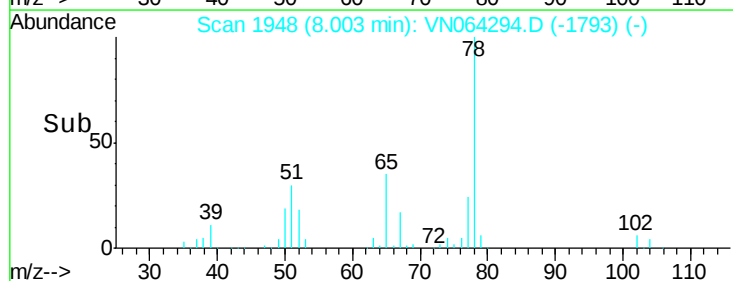
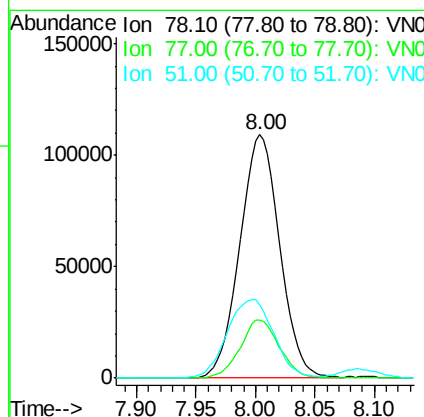
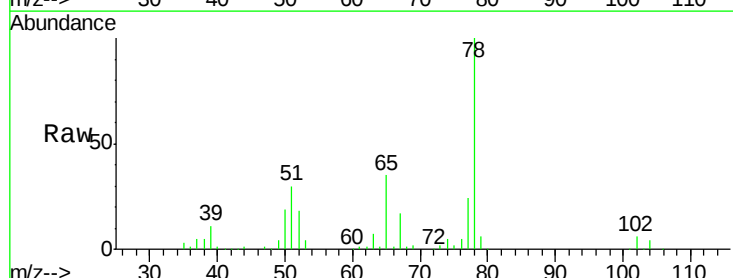
Manual Integrations
APPROVED

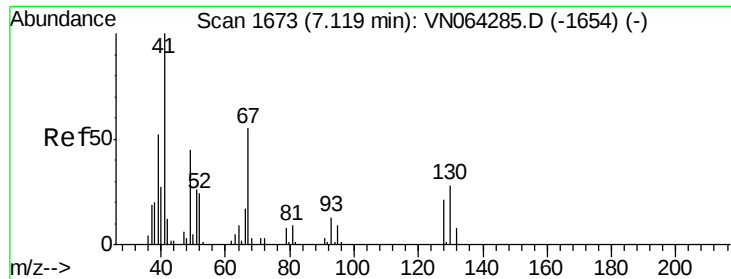
MMDadoda
10/26/2020 1:39:12 PM



#34
Benzene
Concen: 17.410 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8
51	29.8	25.2	37.8





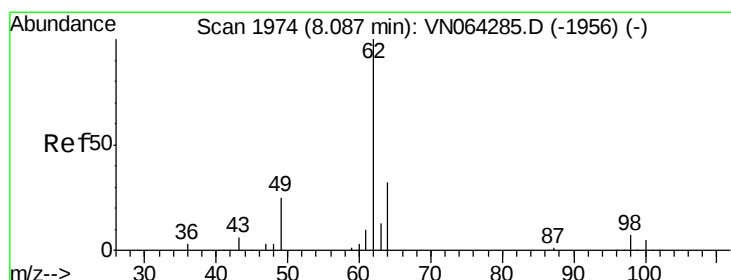
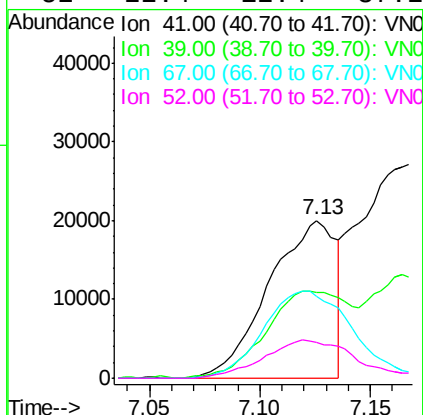
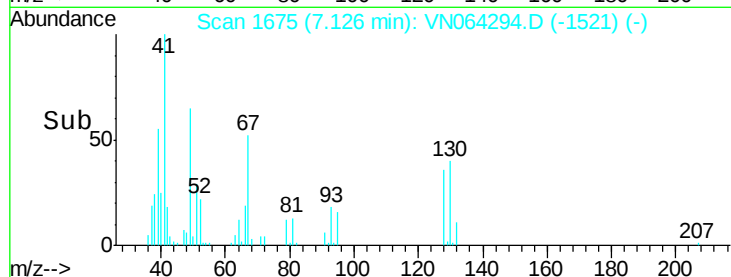
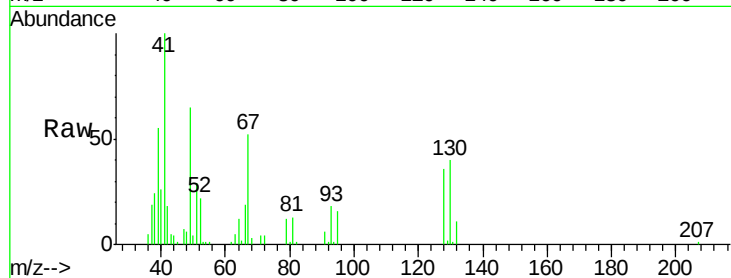
#35
Methacrylonitrile
Concen: 17.783 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	41.00	Resp:	42120
Ion	Ratio	Lower	Upper
41	100		
39	53.8	28.0	83.9
67	51.6	29.9	89.8
52	22.4	12.4	37.2

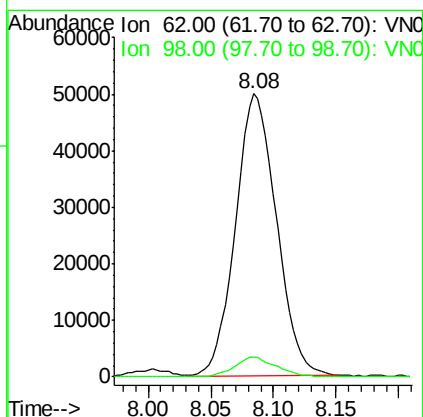
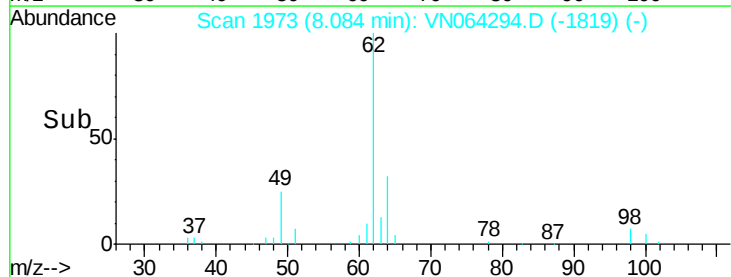
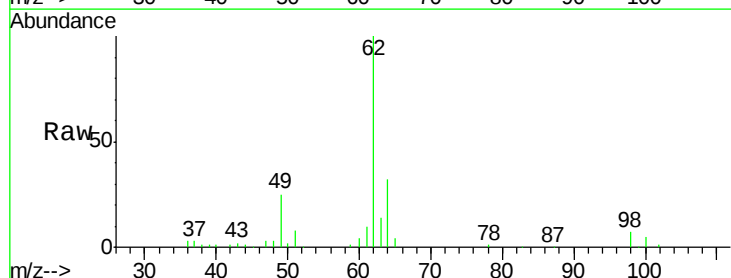
Manual Integrations
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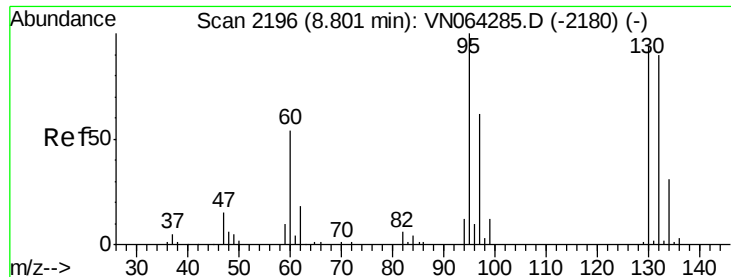
MMDadoda
10/26/2020 1:39:12 PM



#36
1,2-Dichloroethane
Concen: 18.088 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	62.00	Resp:	112737
Ion	Ratio	Lower	Upper
62	100		
98	7.1	5.4	8.0





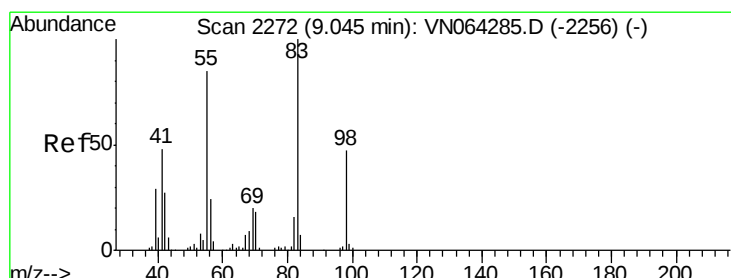
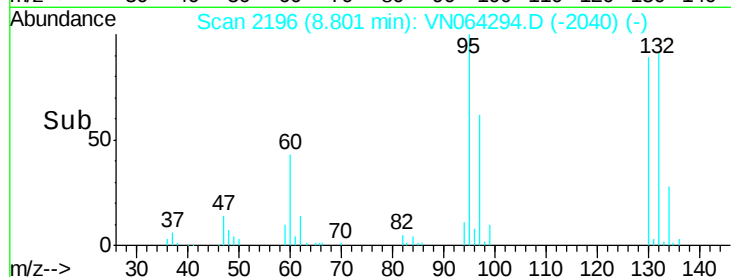
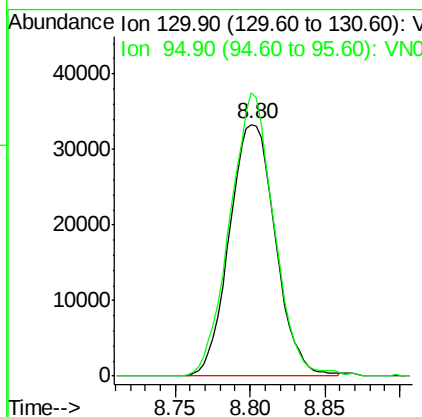
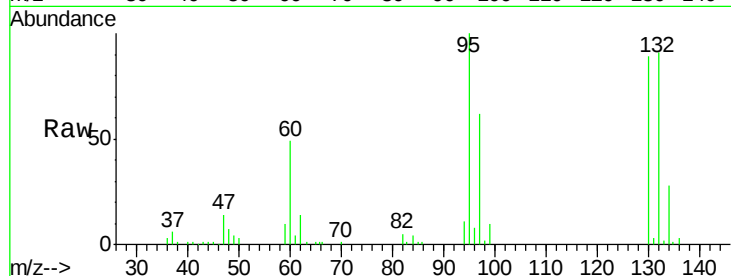
#37
 Trichloroethene
 Concen: 17.755 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tot Ion:130 Resp: 71429
 Ion Ratio Lower Upper
 130 100
 95 111.5 81.2 121.8

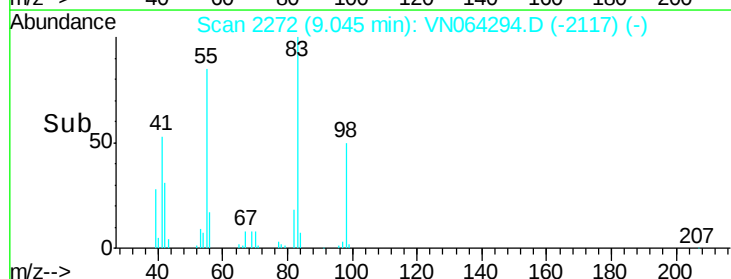
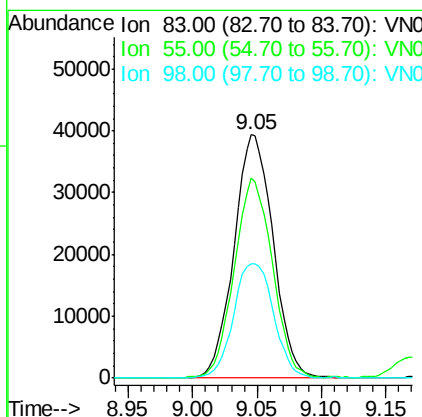
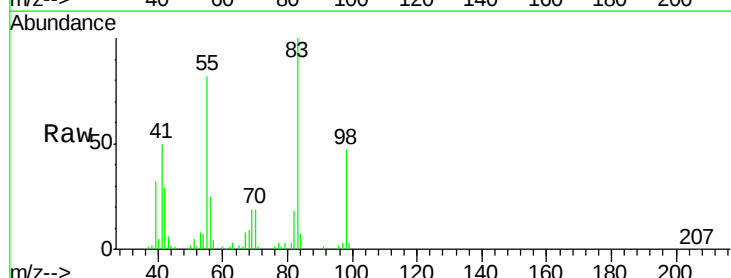
Manual Integrations
 APPROVED

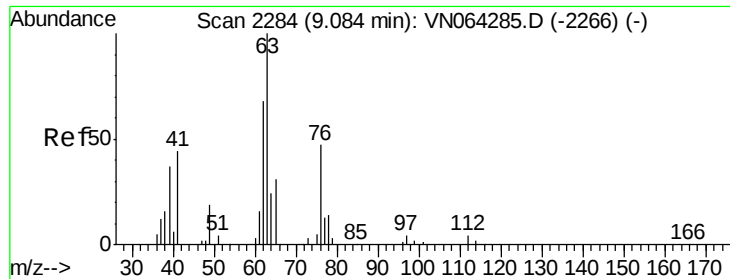
MMDadoda
 10/26/2020 1:39:12 PM



#38
 Methylcyclohexane
 Concen: 17.060 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Tgt Ion: 83 Resp: 83316
 Ion Ratio Lower Upper
 83 100
 55 80.2 40.3 120.9
 98 48.0 25.3 75.8





#39

1,2-Dichloropropane

Concen: 17.544 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tot Ion: 63 Resp: 68565

Ion Ratio Lower Upper

63 100

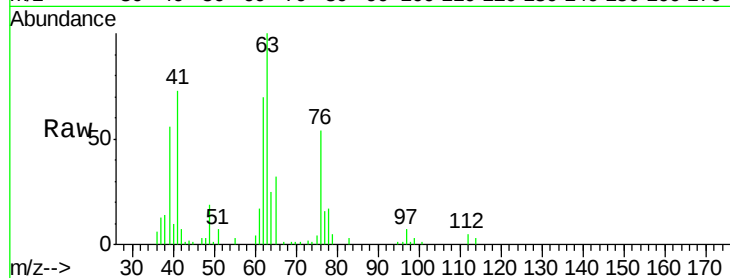
65 31.6 26.1 39.1

Manual Integrations

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MMDadoda

10/26/2020 1:39:12 PM



Abundance Ion 63.00 (62.70 to 63.70): VN064285.D (-2266) (-)

Ion 65.00 (64.70 to 65.70): VN064285.D (-2266) (-)

9.09

30000

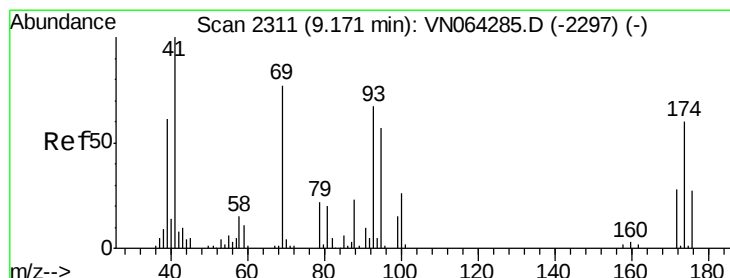
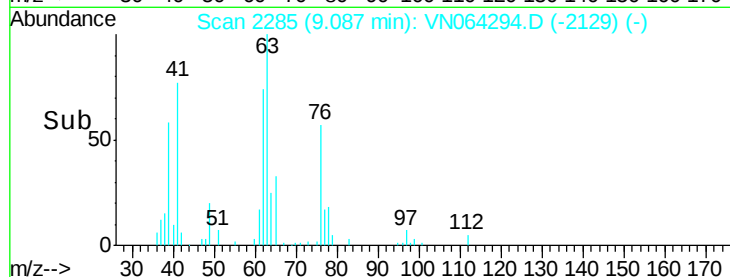
20000

10000

0

Time-->

9.00 9.05 9.10 9.15



#40

Dibromomethane

Concen: 18.890 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

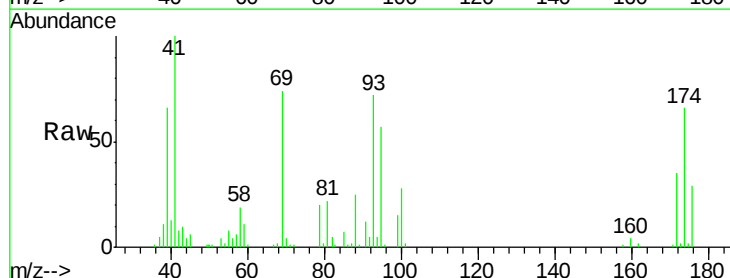
Tgt Ion: 93 Resp: 51649

Ion Ratio Lower Upper

93 100

95 76.2 0.0 156.6

174 87.5 0.0 168.8



Abundance Ion 93.00 (92.70 to 93.70): VN064285.D (-2297) (-)

Ion 95.00 (94.70 to 95.70): VN064285.D (-2297) (-)

Ion 174.00 (173.70 to 174.70): VN064285.D (-2297) (-)

9.17

30000

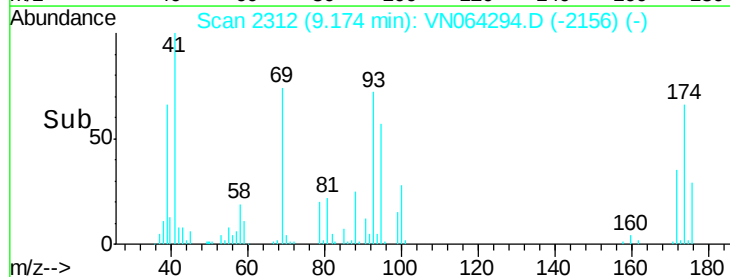
20000

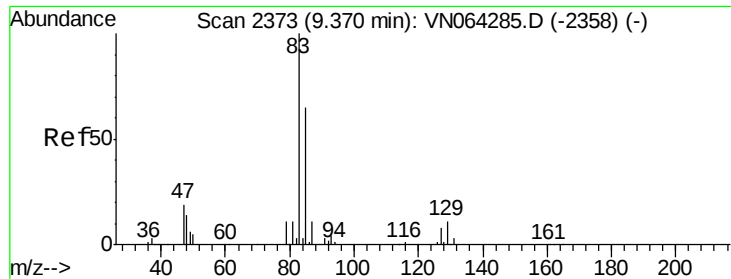
10000

0

Time-->

9.10 9.15 9.20 9.25





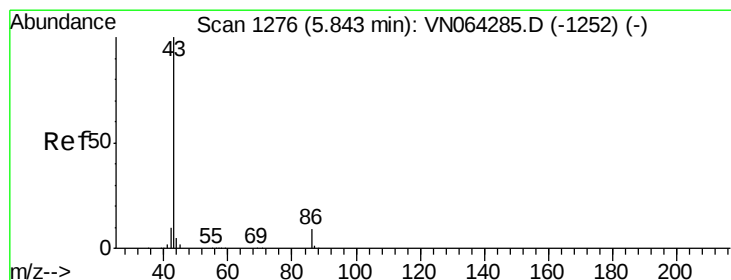
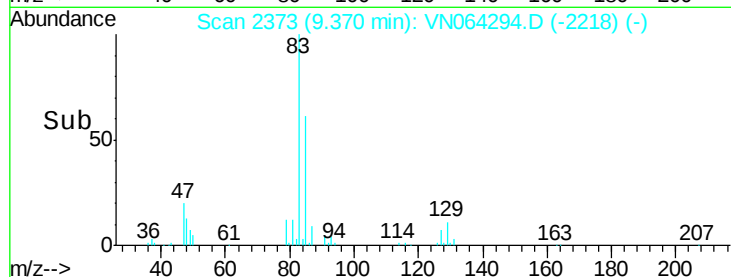
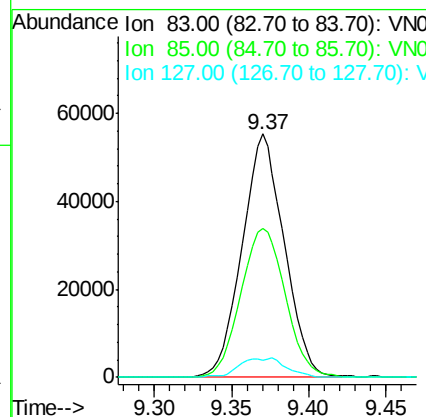
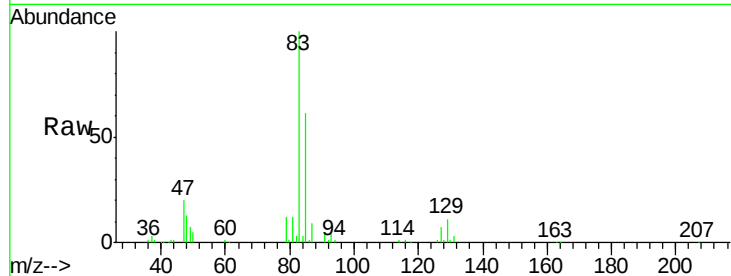
#41
Bromodichloromethane
Concen: 17.671 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	83	Resp	104780
Ion Ratio	Lower	Upper	
83	100		
85	61.3	57.8	86.6
127	7.2	7.0	10.4

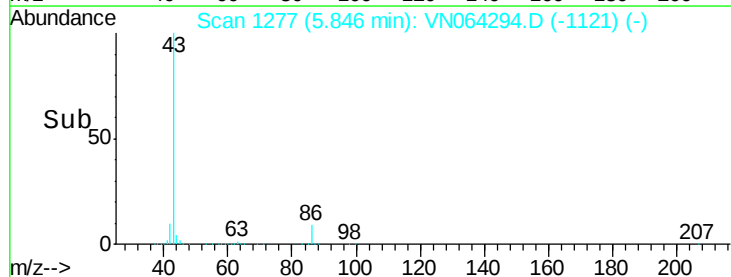
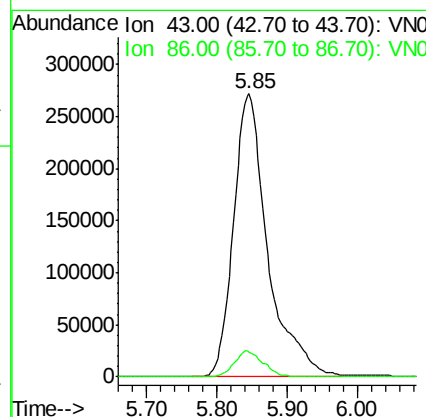
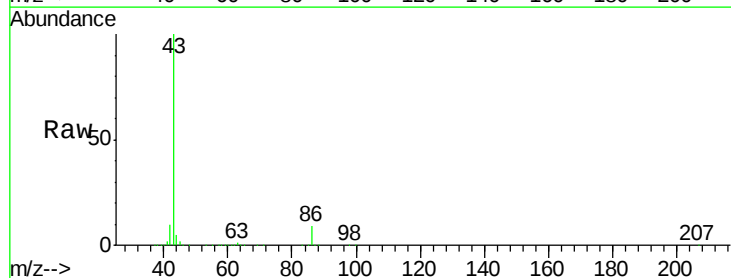
Manual Integrations
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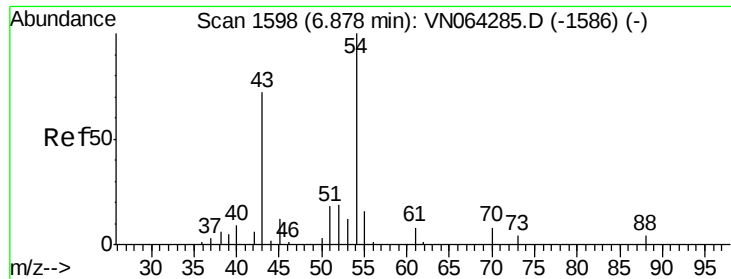
MMDadoda
10/26/2020 1:39:12 PM



#42
Vinyl Acetate
Concen: 88.954 ug/l
RT: 5.85 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	43	Resp	921749
Ion Ratio	Lower	Upper	
43	100		
86	7.9	6.6	9.8





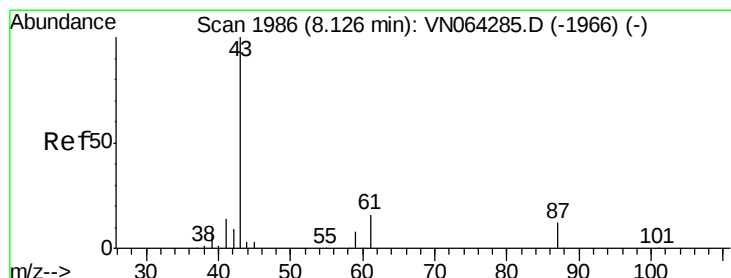
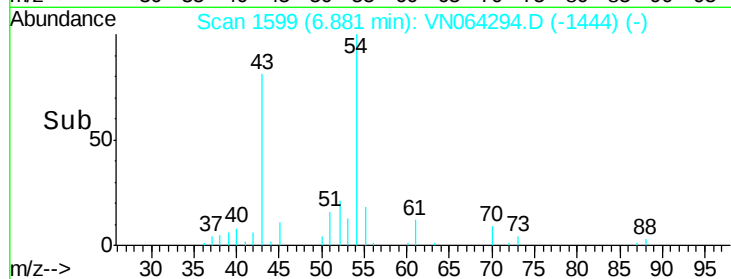
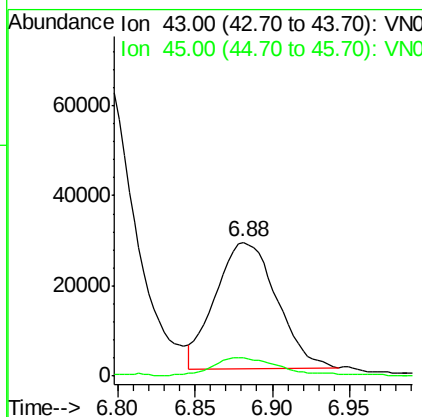
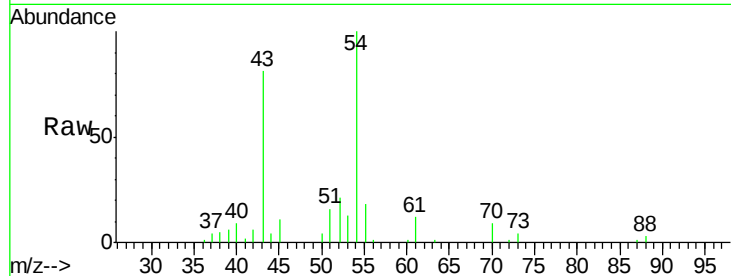
#43
Ethyl Acetate
Concen: 15.454 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion: 43 Resp: 76860
Ion Ratio Lower Upper
43 100
45 16.4 8.2 12.4#

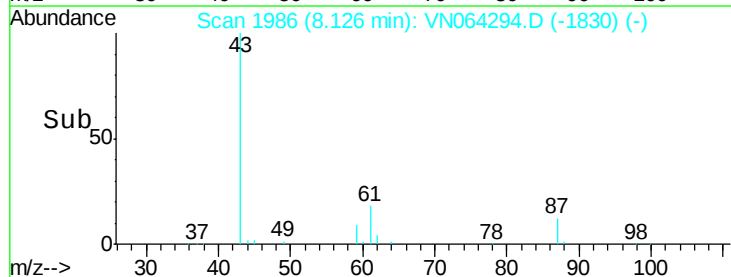
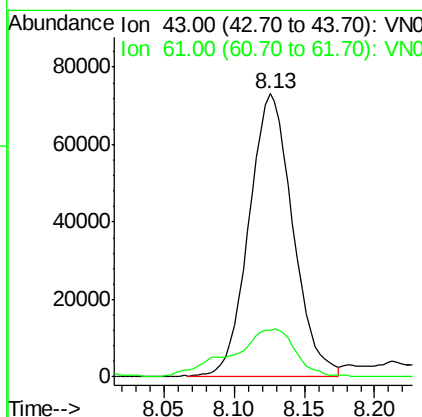
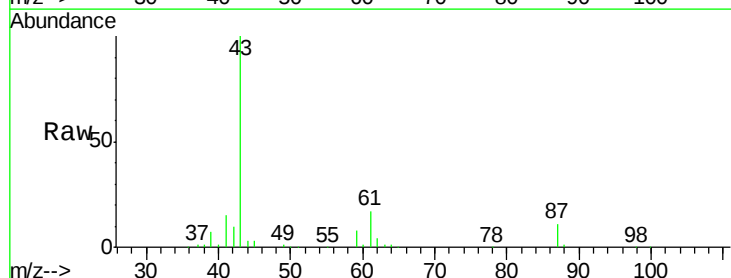
Manual Integrations
APPROVED

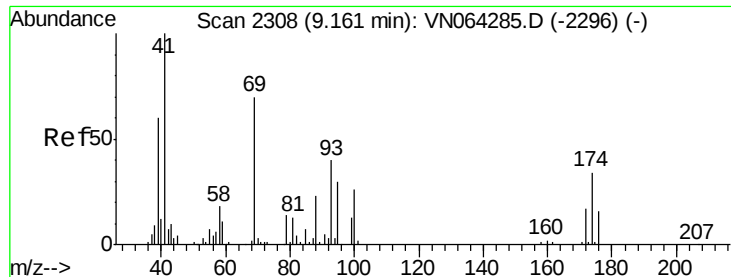
MMDadoda
10/26/2020 1:39:12 PM



#44
Isopropyl Acetate
Concen: 17.684 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion: 43 Resp: 157748
Ion Ratio Lower Upper
43 100
61 17.0 19.9 29.9#





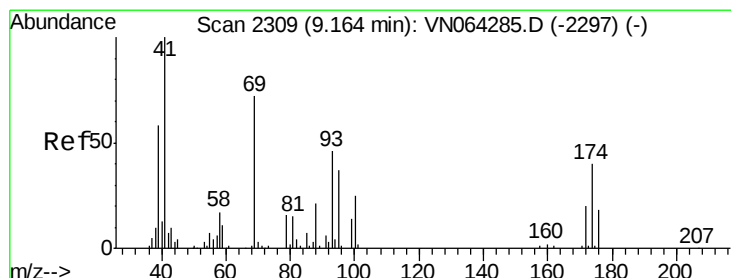
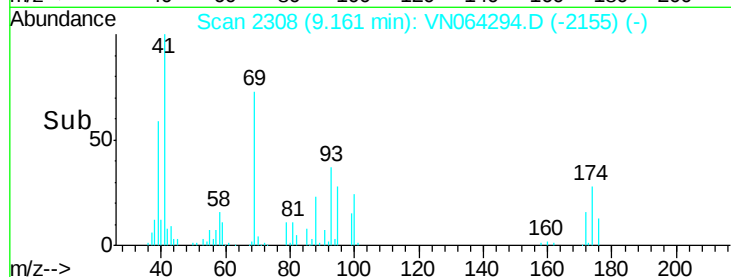
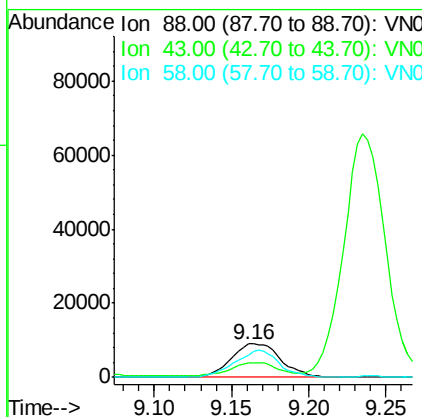
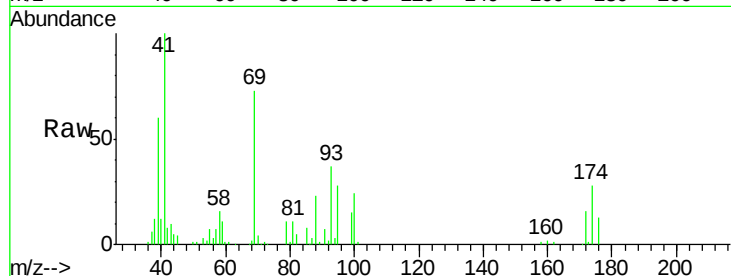
#45
1,4-Dioxane
Concen: 371.885 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	34.7	52.1
58	72.7	65.8	98.6

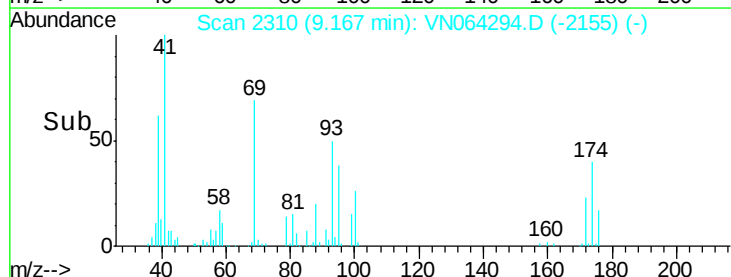
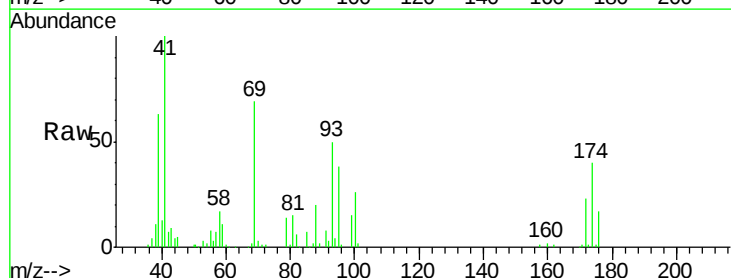
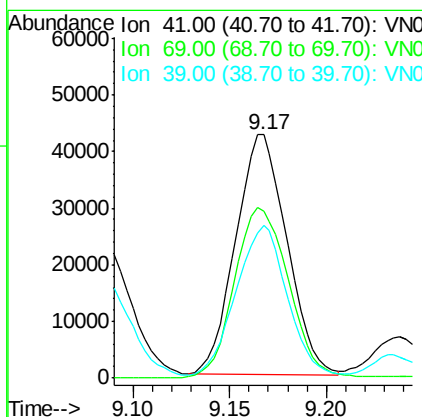
Manual Integrations
APPROVED

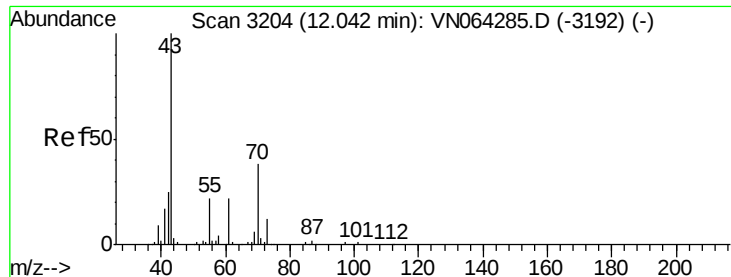
MMDadoda
10/26/2020 1:39:12 PM



#46
Methyl methacrylate
Concen: 18.082 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	69.4	32.6	97.7
39	62.4	31.1	93.3





#47

n-amvl Acetate

Concen: 17.570 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tot Ion: 43 Resp: 135230

Ion Ratio Lower Upper

43 100

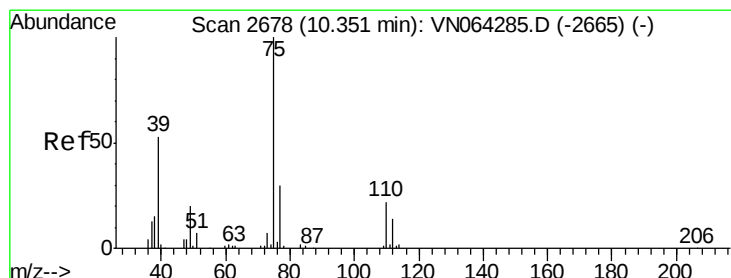
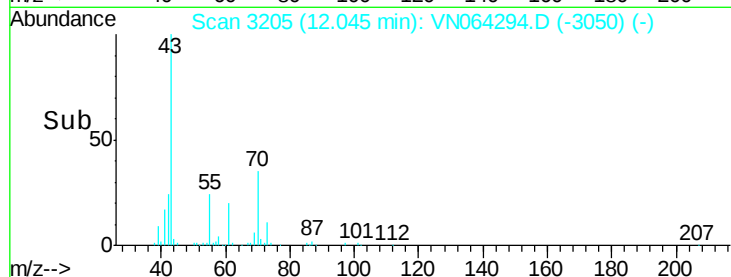
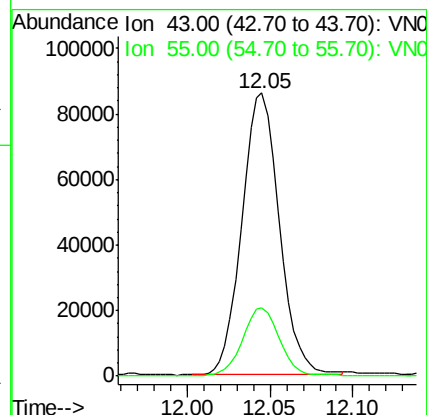
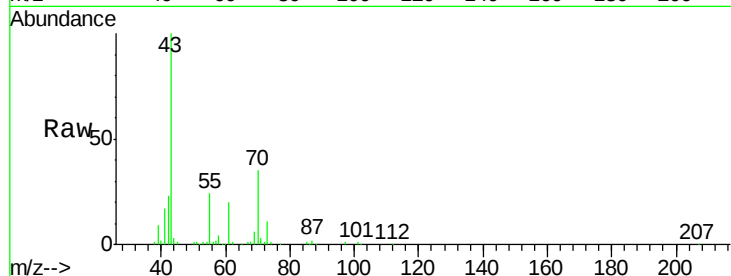
55 23.9 18.2 27.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.792 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064294.D

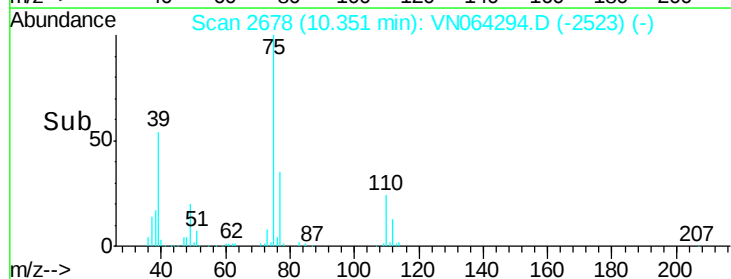
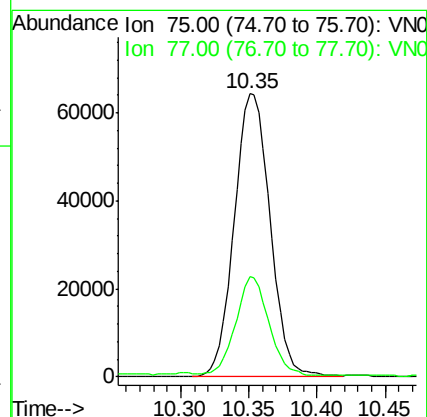
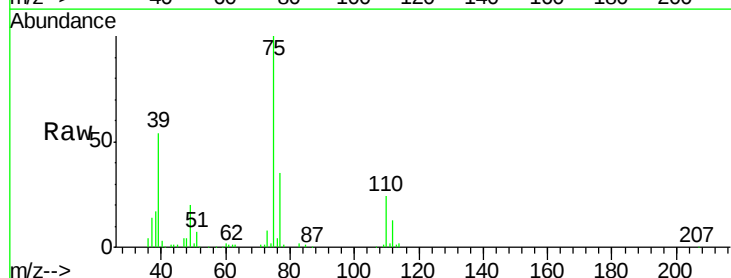
Acq: 23 Oct 2020 18:30

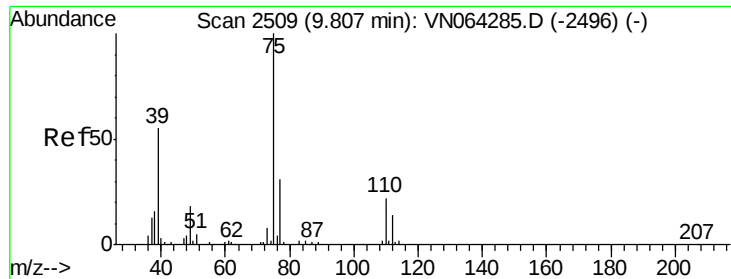
Tgt Ion: 75 Resp: 117776

Ion Ratio Lower Upper

75 100

77 34.5 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 17.600 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

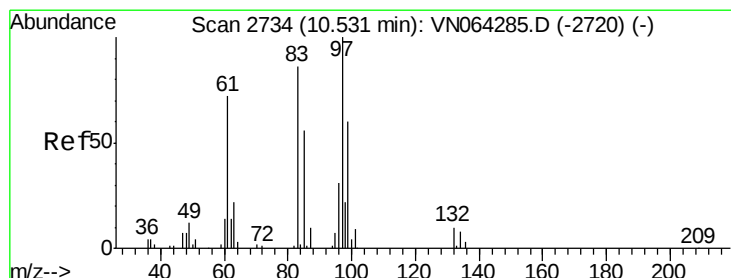
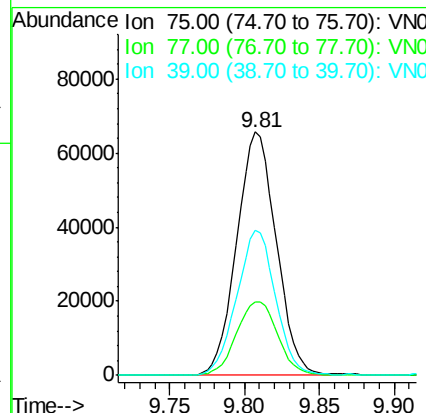
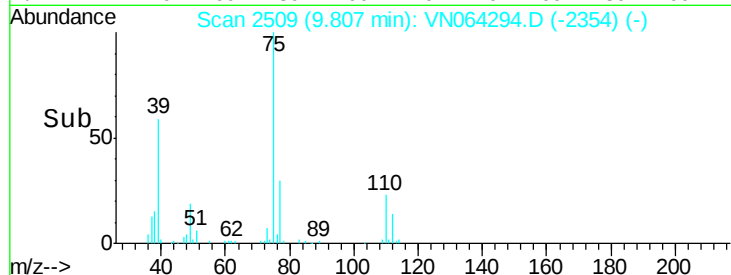
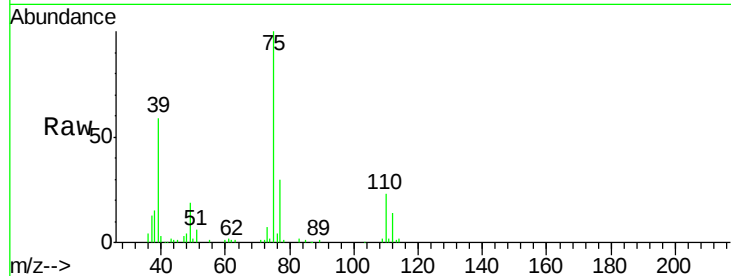
ClientSampleId :

VN1023WBS01

Tot Ion:	75	Resp:	121003
Ion Ratio	Lower	Upper	
75	100		
77	30.1	23.7	35.5
39	59.4	46.9	70.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 17.890 ug/l

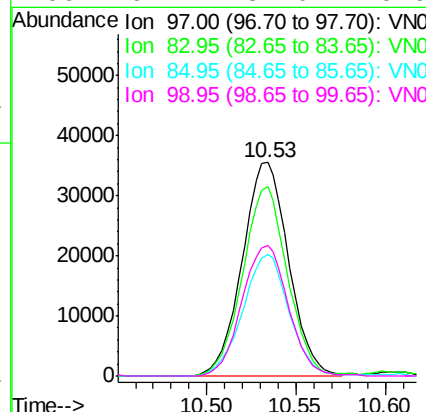
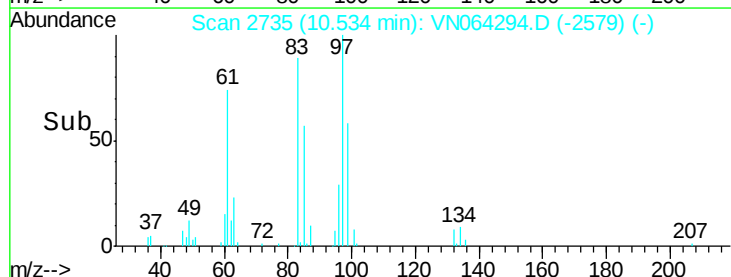
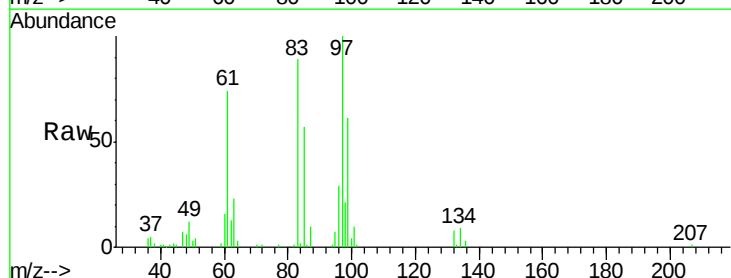
RT: 10.53 min Scan# 2735

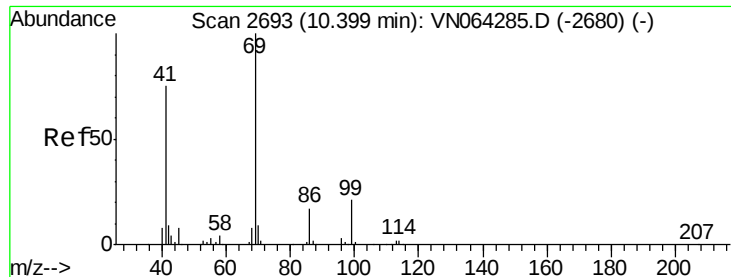
Delta R.T. 0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Tgt Ion:	97	Resp:	64435
Ion Ratio	Lower	Upper	
97	100		
83	88.7	68.9	103.3
85	57.2	37.8	56.8#
99	61.2	51.0	76.6





#51

Ethyl methacrylate

Concen: 17.427 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

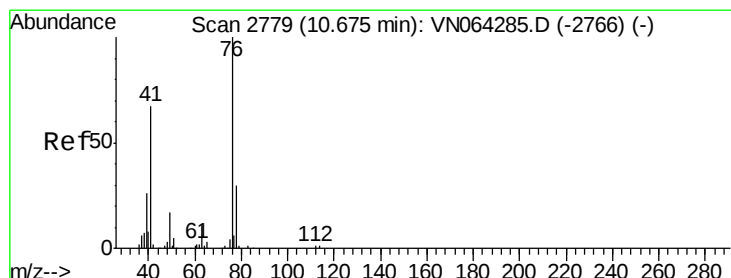
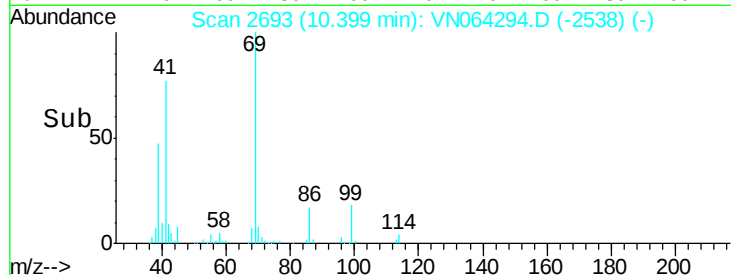
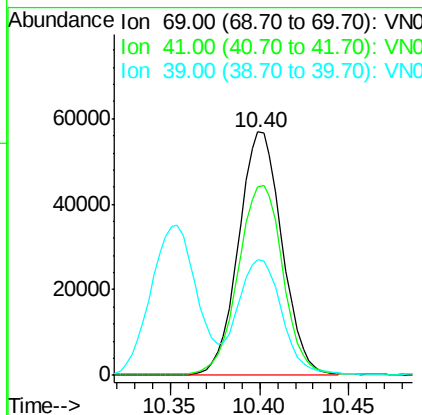
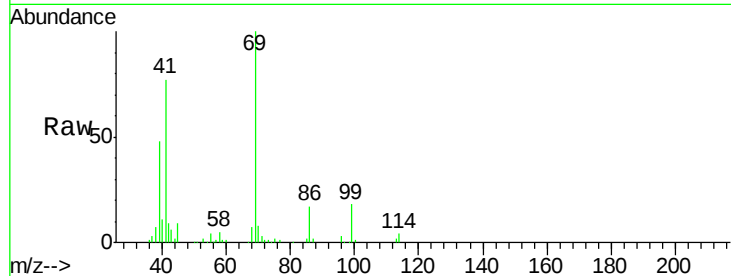
ClientSampleId :

VN1023WBS01

Tot Ion:	69	Resp:	96547
Ion	Ratio	Lower	Upper
69	100		
41	76.7	43.6	130.9
39	46.6	25.8	77.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.917 ug/l

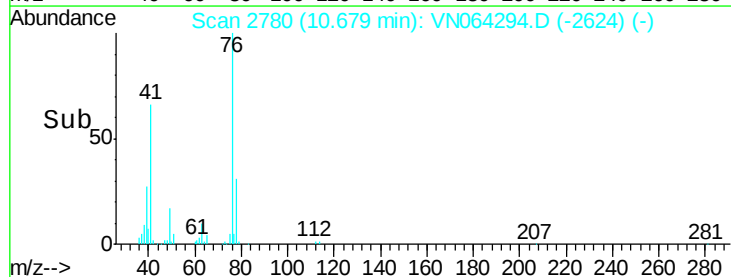
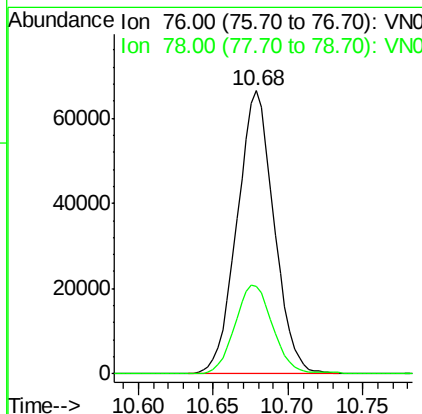
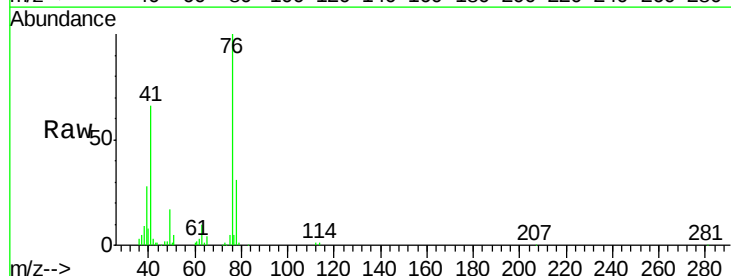
RT: 10.68 min Scan# 2780

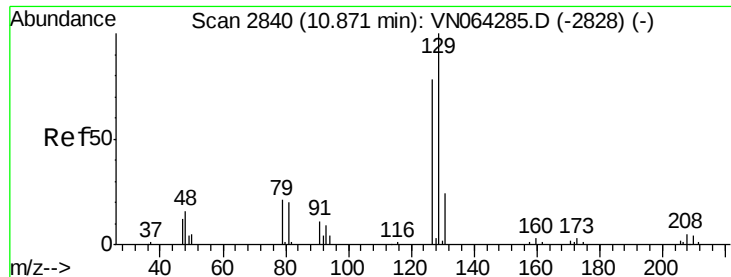
Delta R.T. 0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Tgt Ion:	76	Resp:	114107
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	64.6





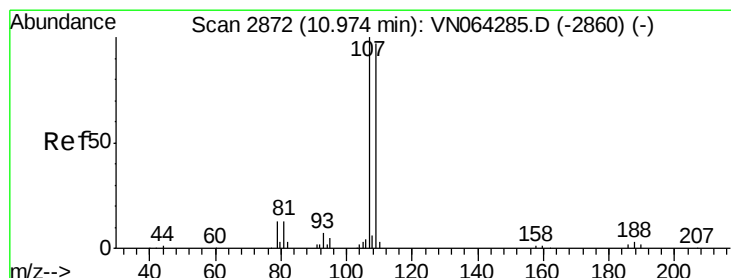
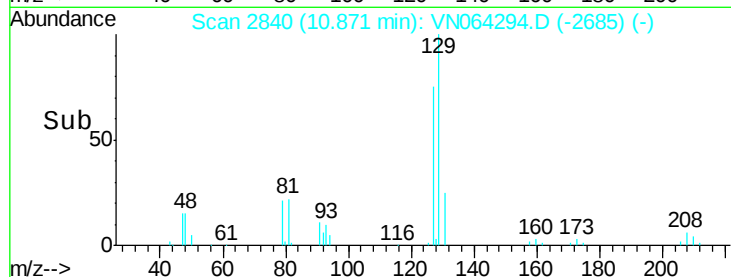
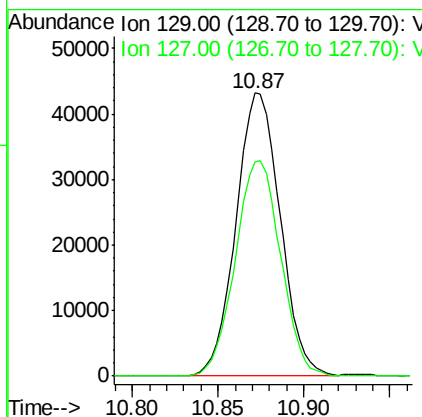
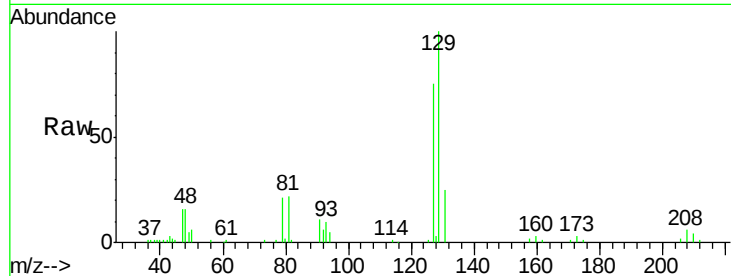
#53
Dibromochloromethane
Concen: 17.197 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion:129 Resp: 77386
Ion Ratio Lower Upper
129 100
127 77.6 42.4 127.2

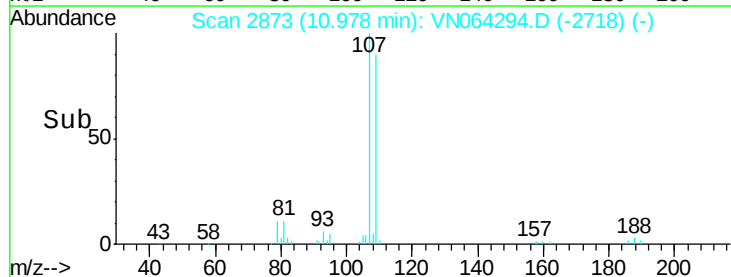
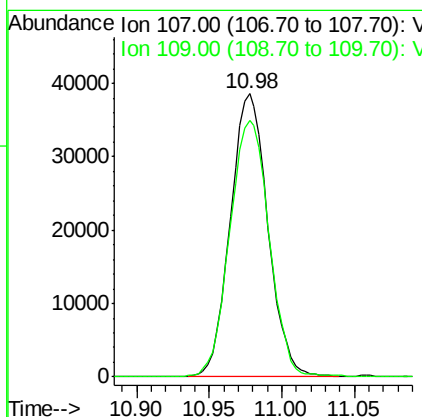
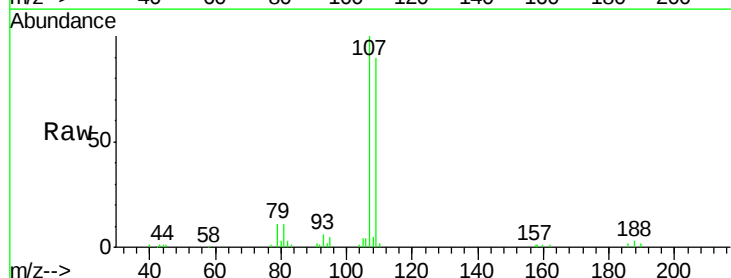
Manual Integrations
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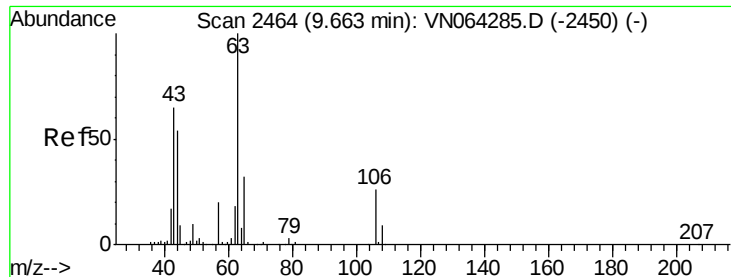
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#54
1,2-Dibromoethane
Concen: 18.021 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion:107 Resp: 69359
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 93.609 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

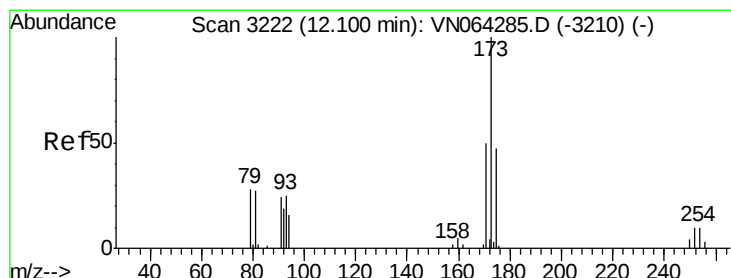
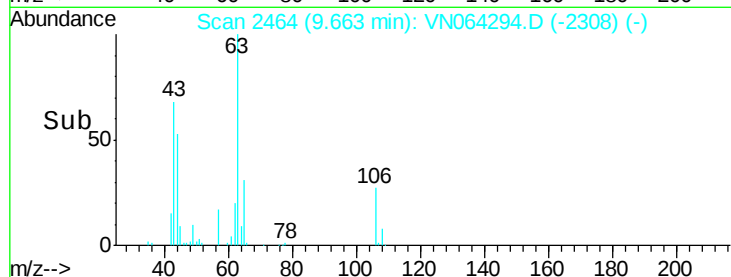
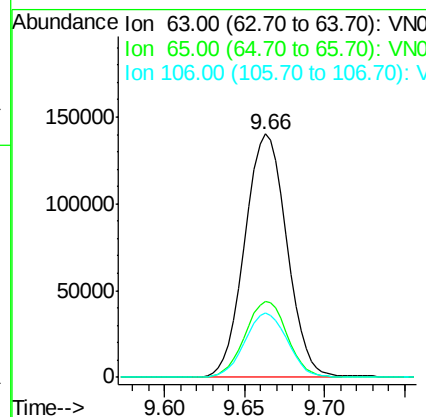
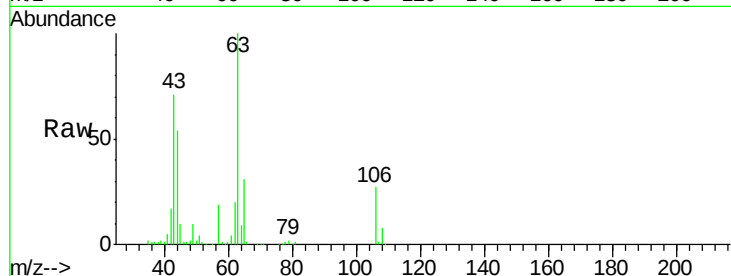
ClientSampleId :

VN1023WBS01

Tot Ion:	63	Resp:	251963
Ion Ratio	Lower	Upper	
63	100		
65	31.3	25.2	37.8
106	26.6	20.6	31.0

Manual Integrations
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#56

Bromoform

Concen: 16.726 ug/l

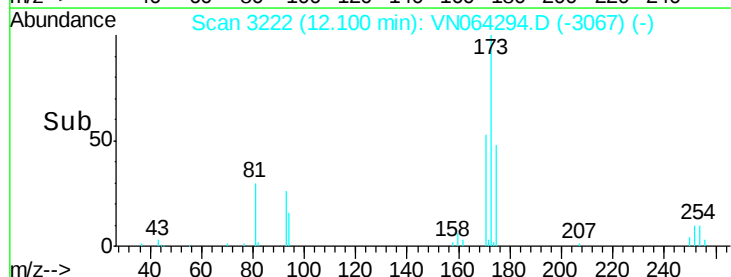
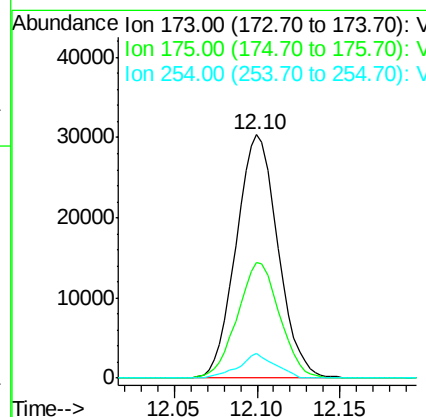
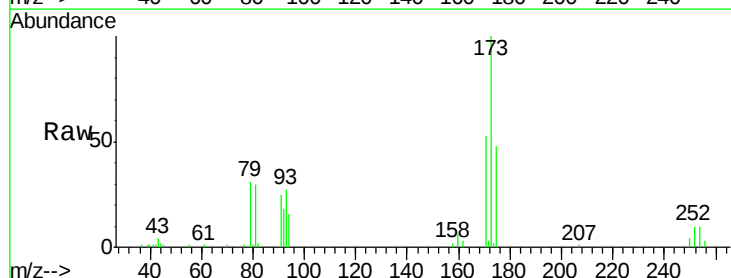
RT: 12.10 min Scan# 3222

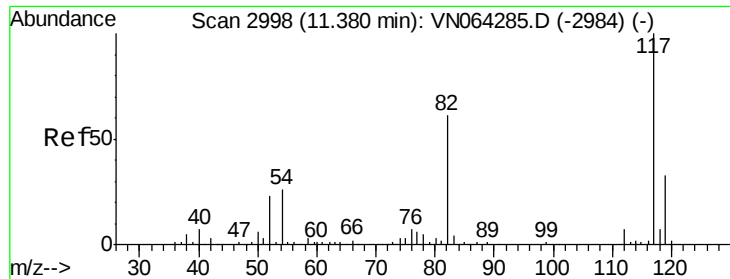
Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Tgt Ion:	173	Resp:	53216
Ion Ratio	Lower	Upper	
173	100		
175	47.9	39.5	59.3
254	8.6	5.0	7.4#





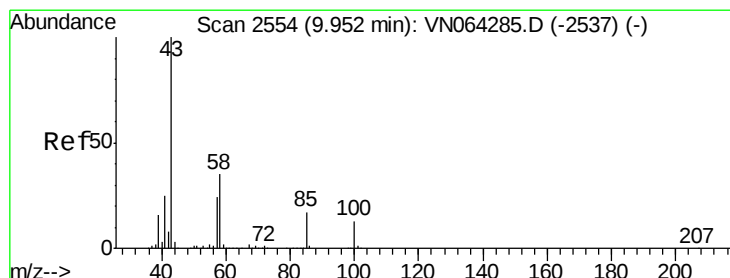
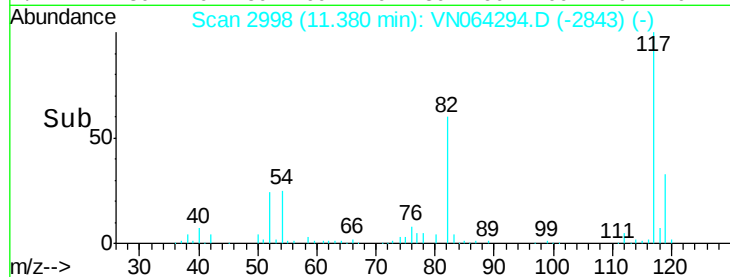
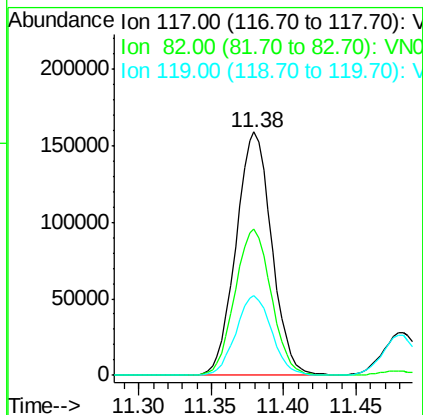
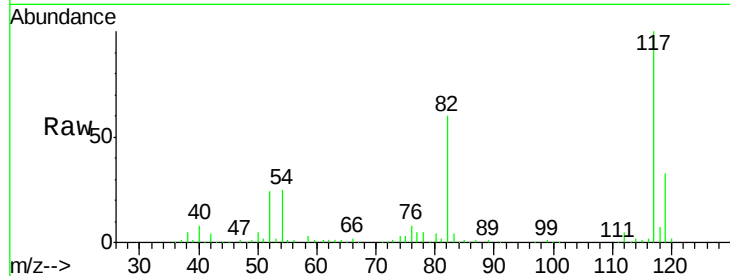
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.0	70.6
119	32.7	24.6	37.0

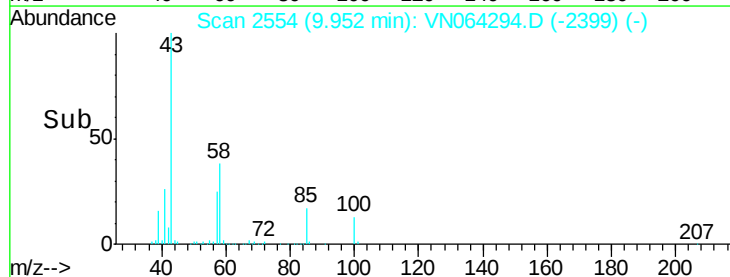
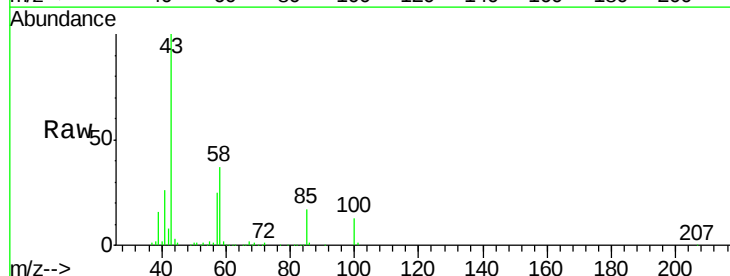
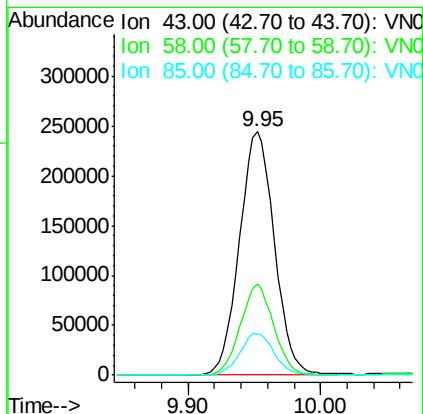
Manual Integrations
APPROVED

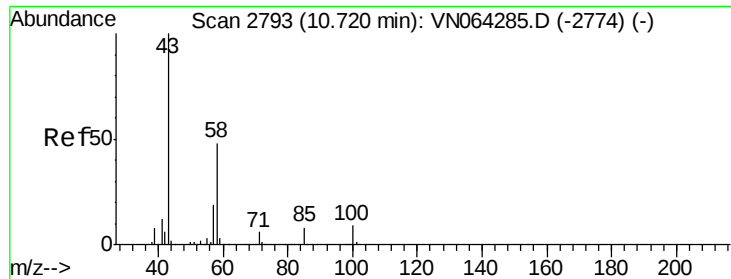
MMDadoda
10/26/2020 1:39:12 PM



#58
4-Methyl-2-Pentanone
Concen: 94.978 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.6	43.0
85	16.7	13.7	20.5





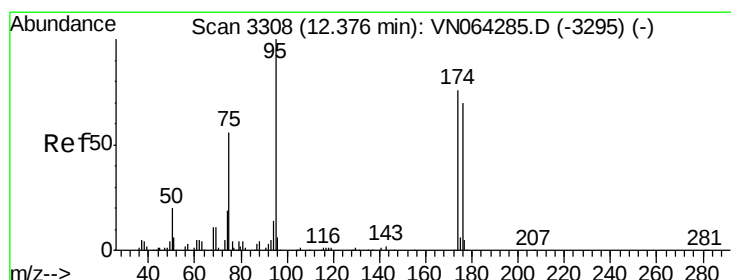
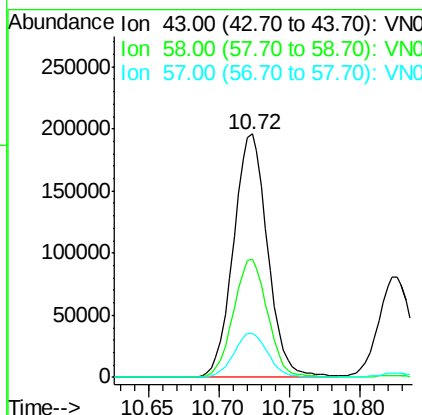
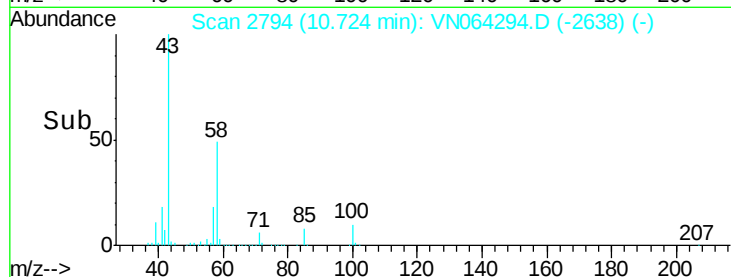
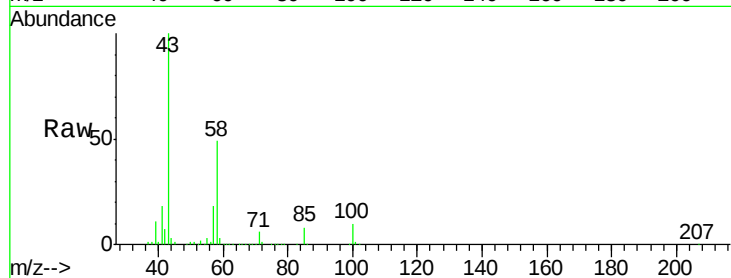
#59
2-Hexanone
Concen: 92.802 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.8	40.5	60.7
57	18.4	15.4	23.0

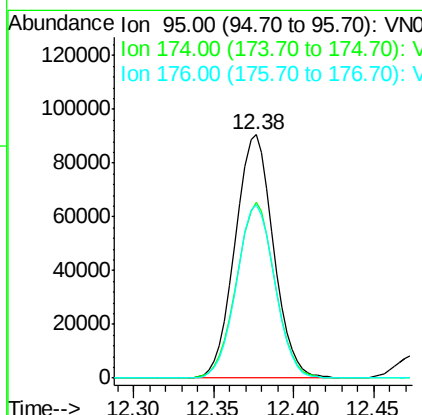
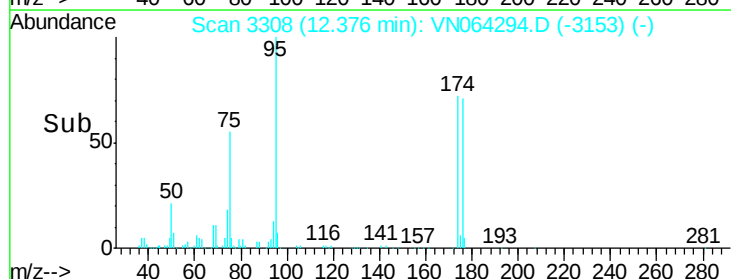
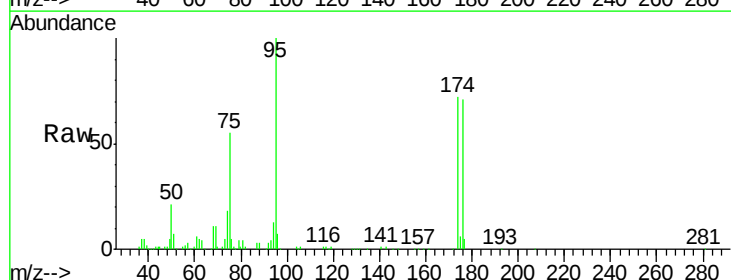
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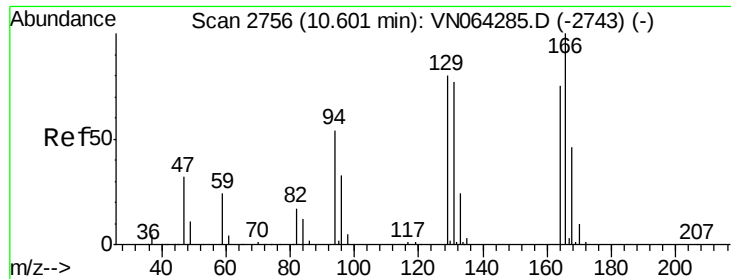
MMDadoda
10/26/2020 1:39:12 PM



#60
4-Bromofluorobenzene
Concen: 30.489 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.3	57.9	86.9
176	71.0	56.7	85.1





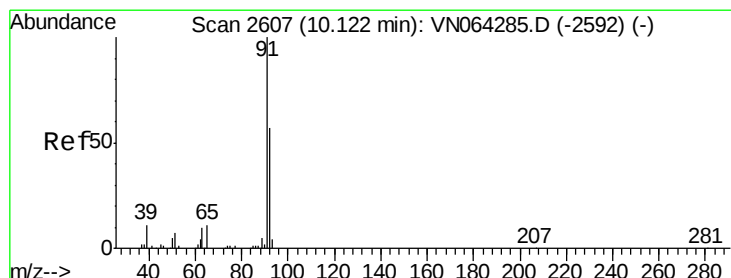
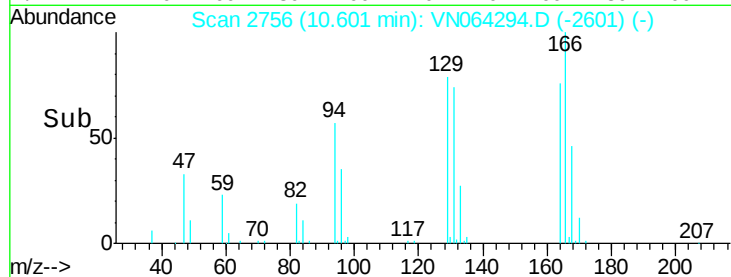
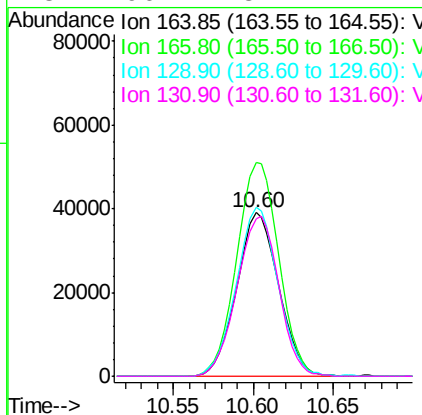
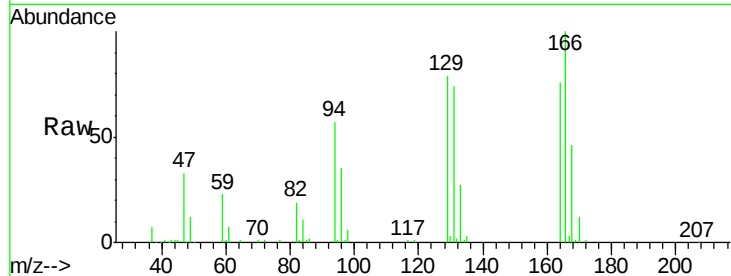
#61
Tetrachloroethene
Concen: 18.334 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.8	107.4	161.0
129	103.2	84.3	126.5
131	96.2	81.1	121.7

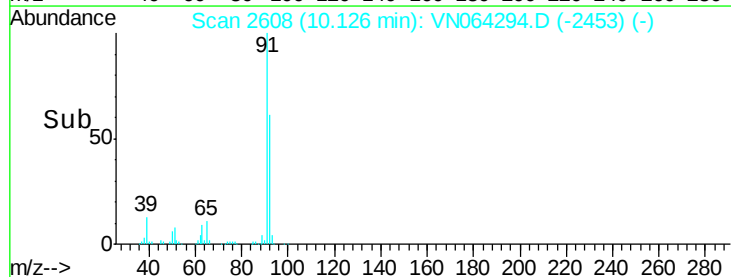
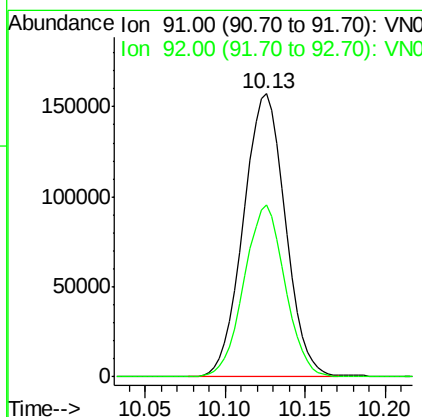
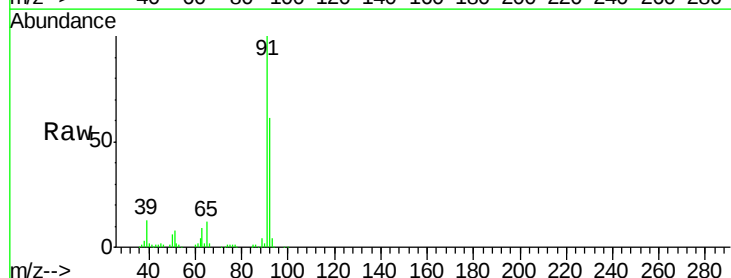
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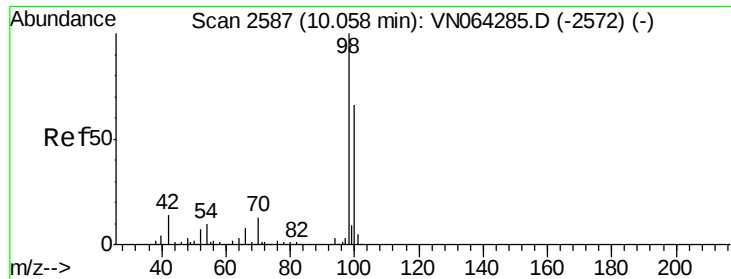
MMDadoda
10/26/2020 1:39:12 PM



#62
Toluene
Concen: 18.007 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.2	46.4	69.6





#63

Toluene-d8

Concen: 30.272 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tot Ion: 98 Resp: 368890

Ion Ratio Lower Upper

98 100

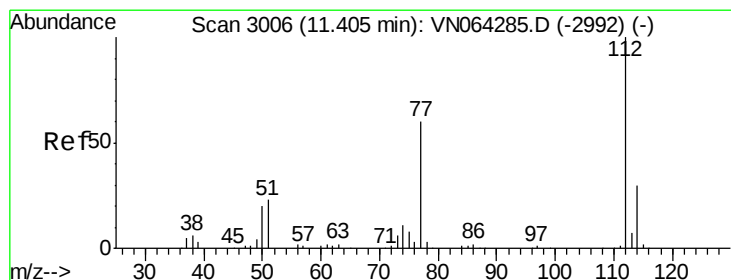
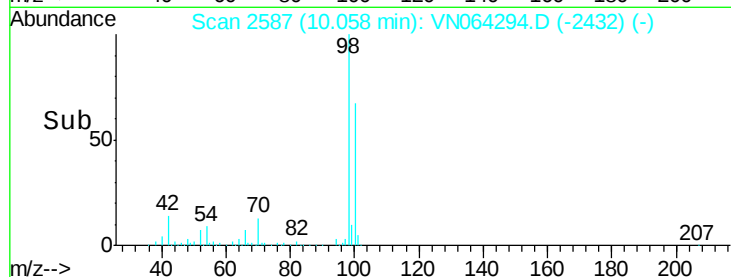
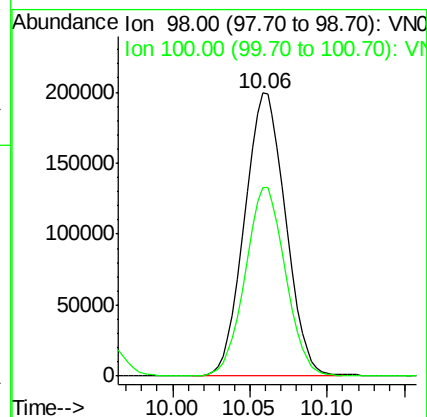
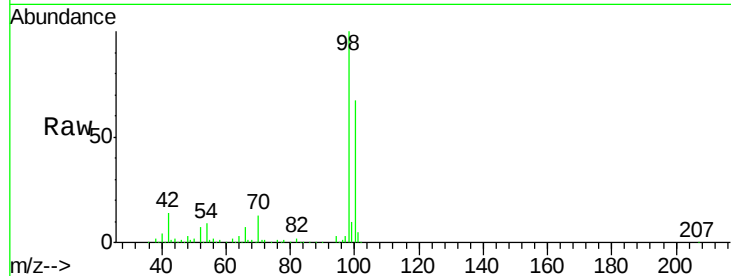
100 65.3 51.7 77.5

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#64

Chlorobenzene

Concen: 18.127 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064294.D

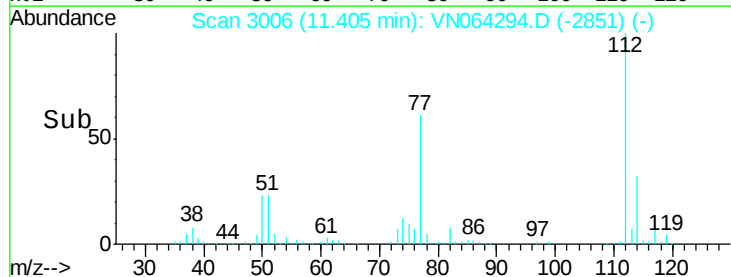
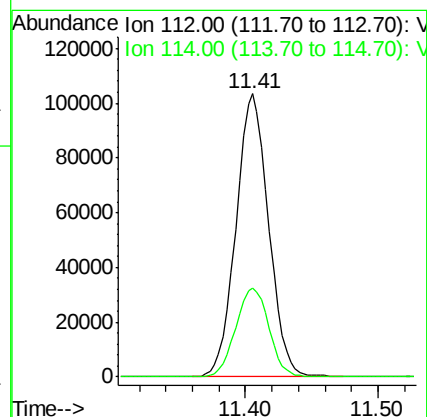
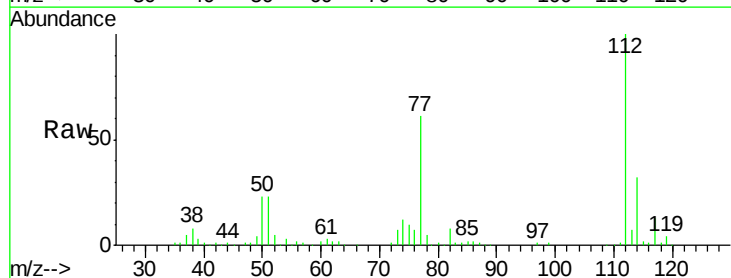
Acq: 23 Oct 2020 18:30

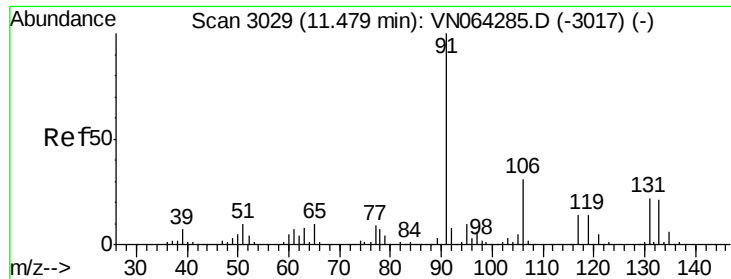
Tgt Ion: 112 Resp: 176475

Ion Ratio Lower Upper

112 100

114 31.5 26.5 39.7





#65

1,1,1,2-Tetrachloroethane

Concen: 18.445 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

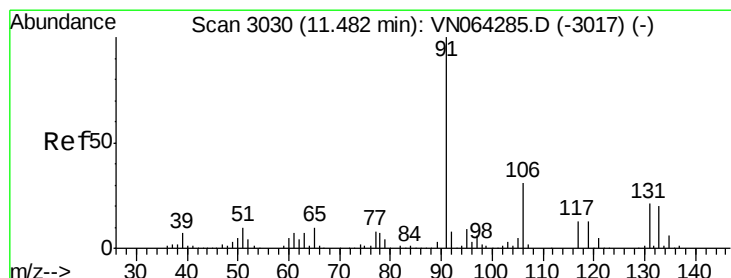
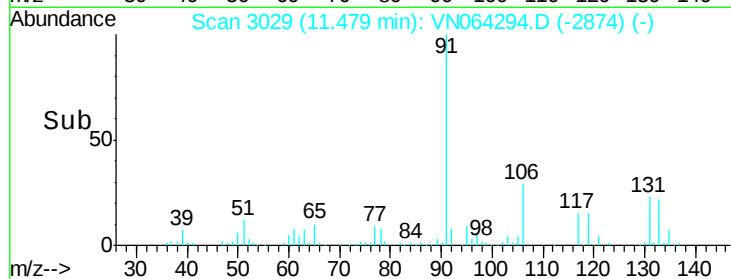
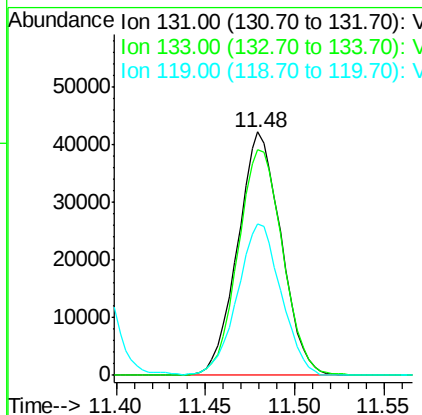
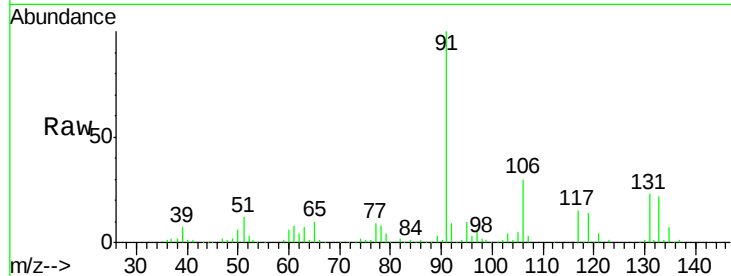
ClientSampleId :

VN1023WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.2	0.0	193.4
119	62.7	0.0	125.2

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#66

Ethyl Benzene

Concen: 18.155 ug/l

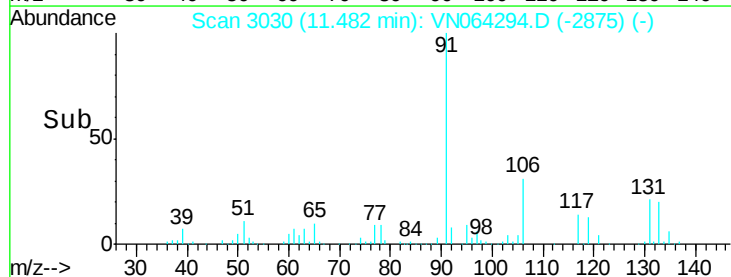
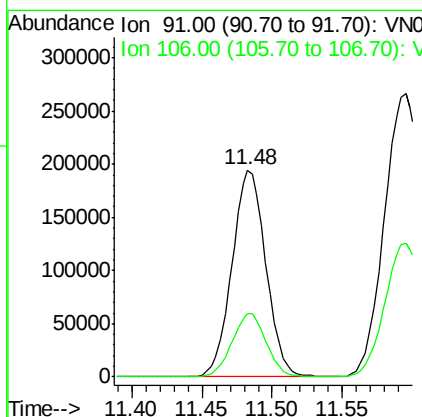
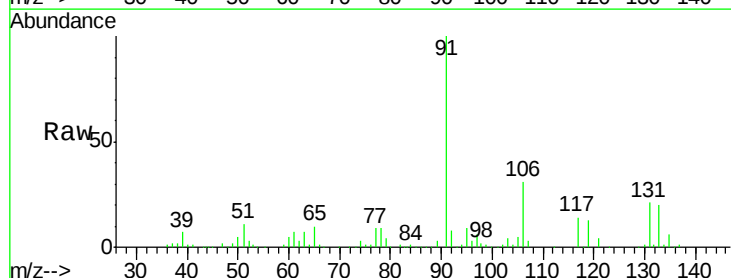
RT: 11.48 min Scan# 3030

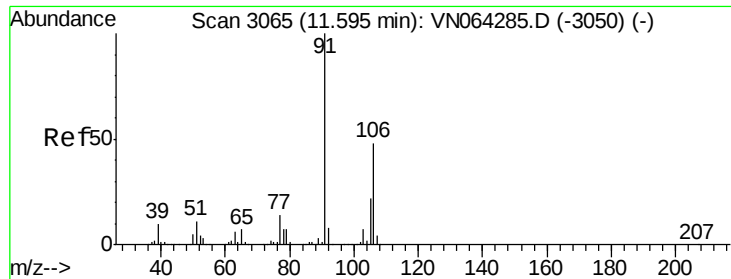
Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	23.8	35.6





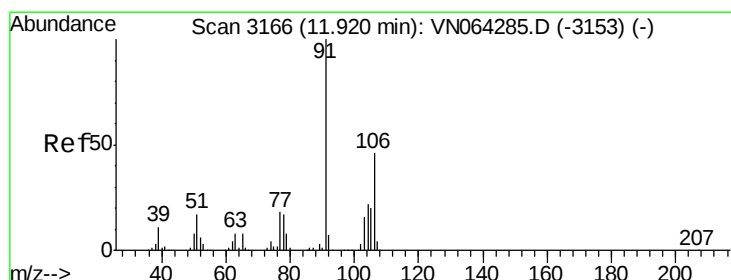
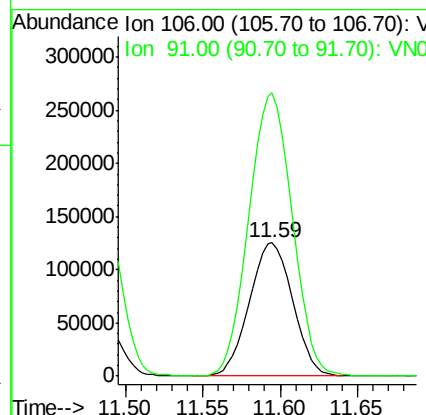
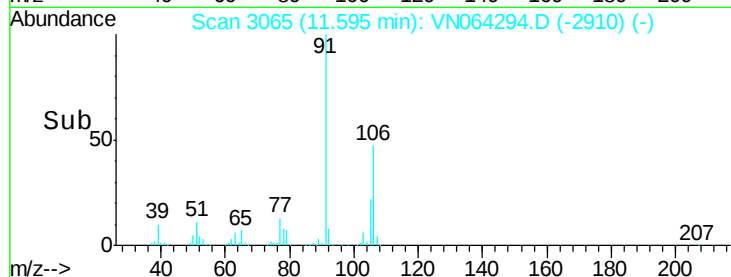
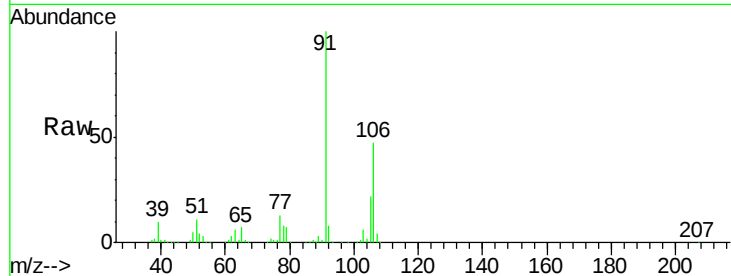
#67
m/p-Xvlenes
Concen: 36.703 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion:106 Resp: 244908
Ion Ratio Lower Upper
106 100
91 211.7 170.6 255.8

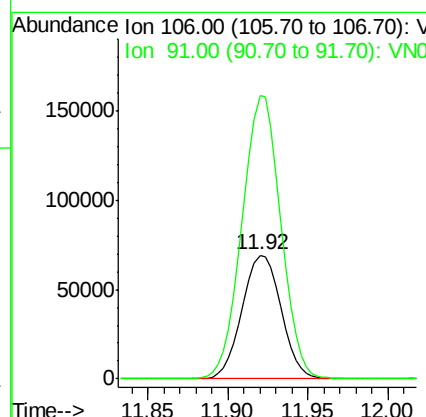
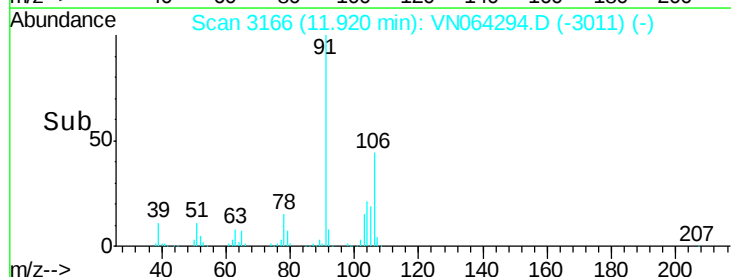
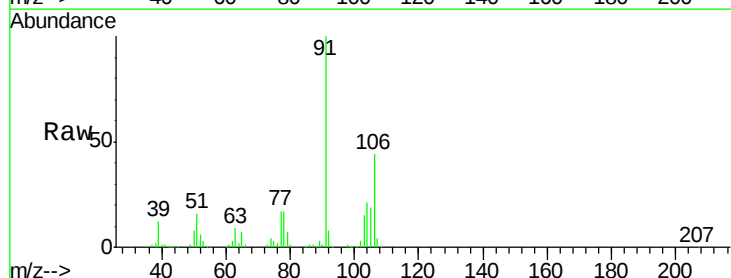
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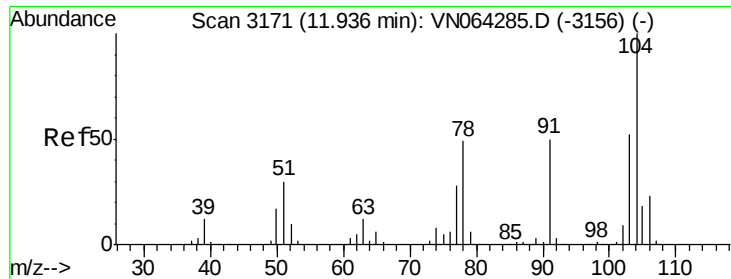
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#68
o-Xylene
Concen: 17.799 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion:106 Resp: 115325
Ion Ratio Lower Upper
106 100
91 226.8 115.3 346.0





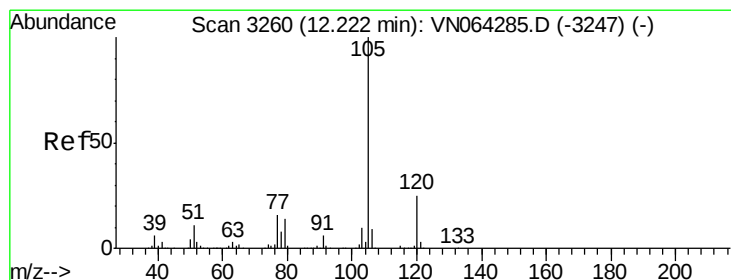
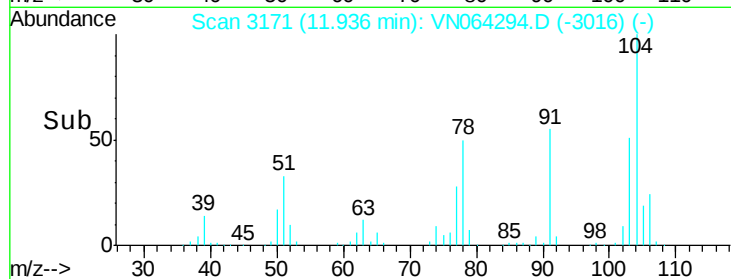
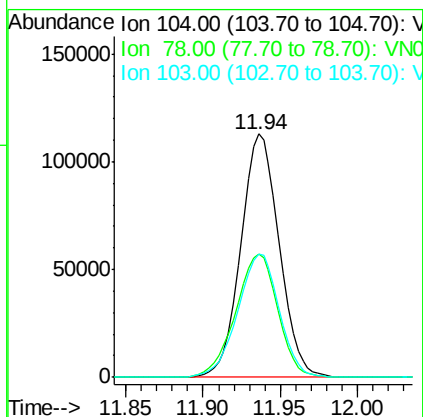
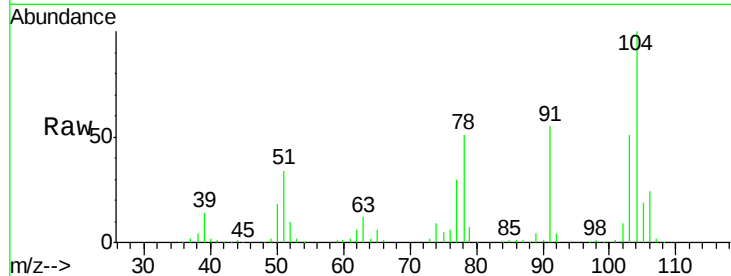
#69
Stvrene
Concen: 18.071 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	194957		
78	55.8	45.4	68.2	
103	54.9	44.6	67.0	

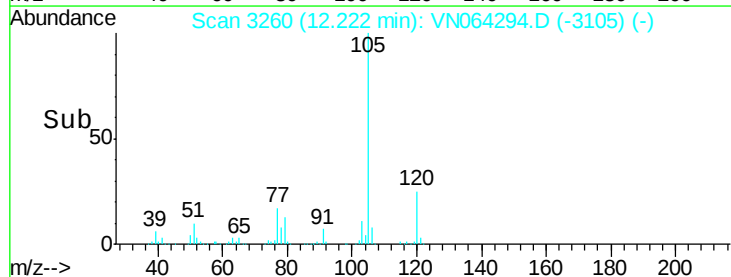
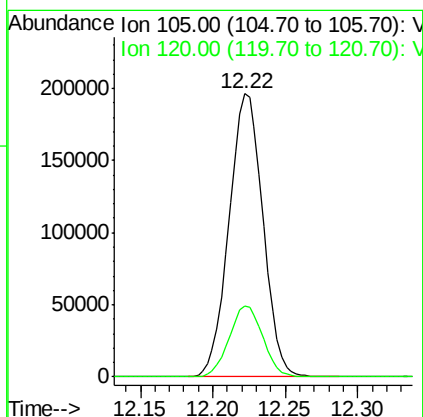
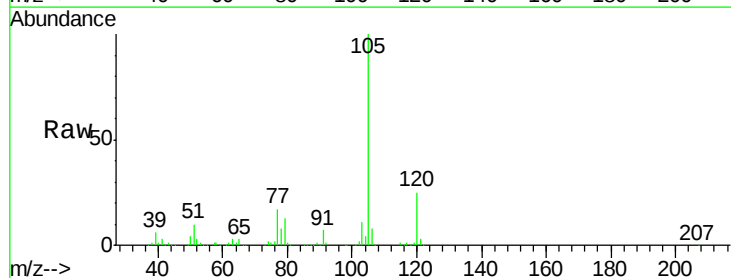
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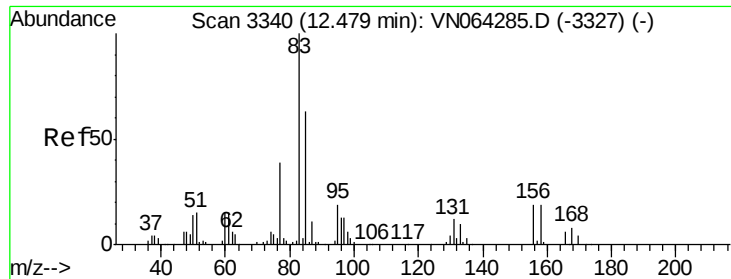
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#70
Isopropylbenzene
Concen: 18.599 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	318597		
120	24.8	18.6	34.5	





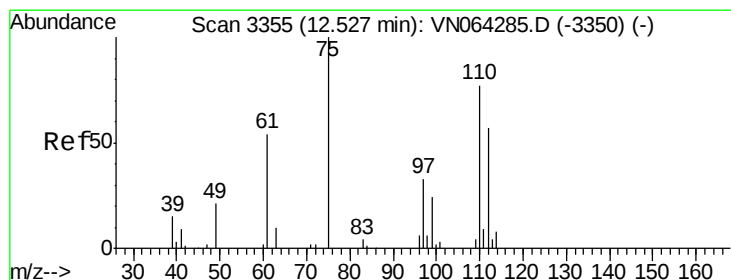
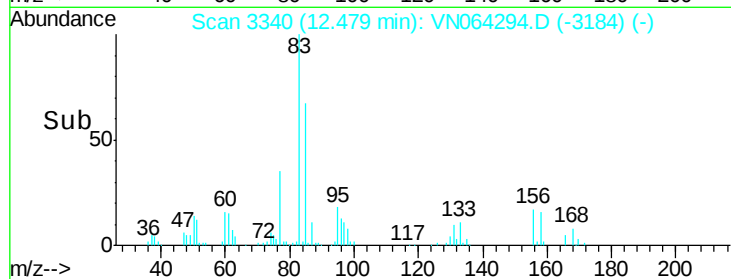
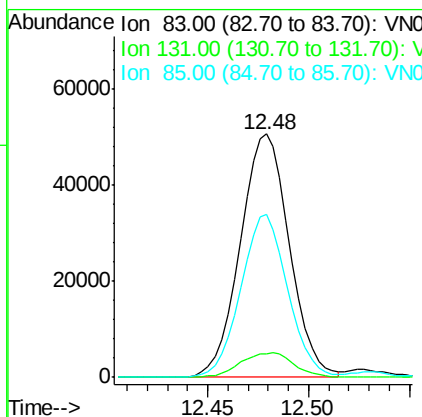
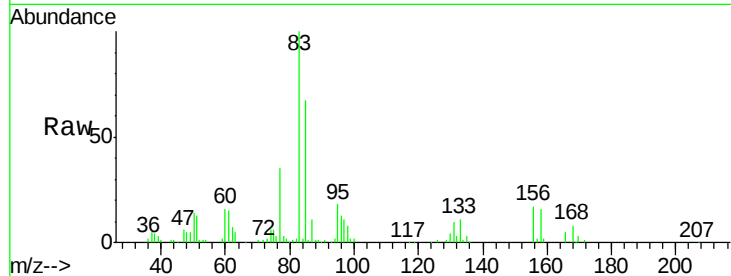
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.784 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tot Ion	83	Resp	86311
Ion Ratio	100	Lower	Upper
83	100		
131	10.9	5.7	17.0
85	63.9	33.3	99.8

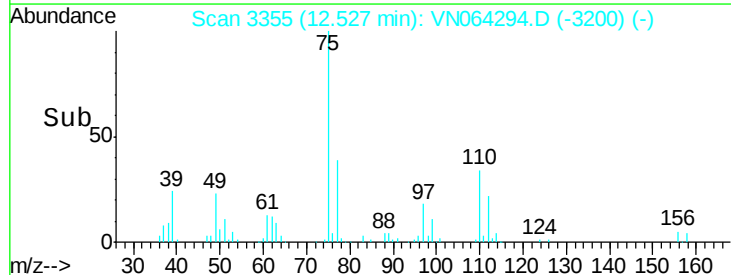
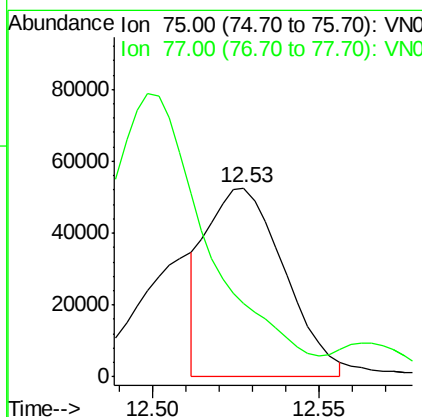
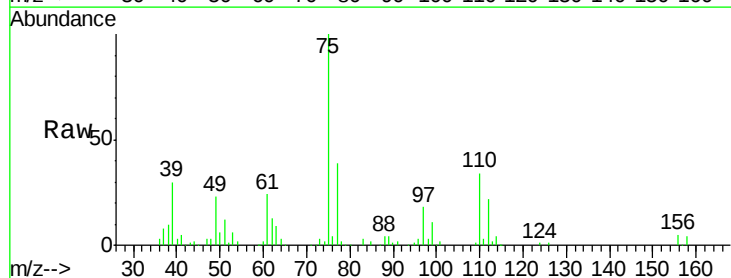
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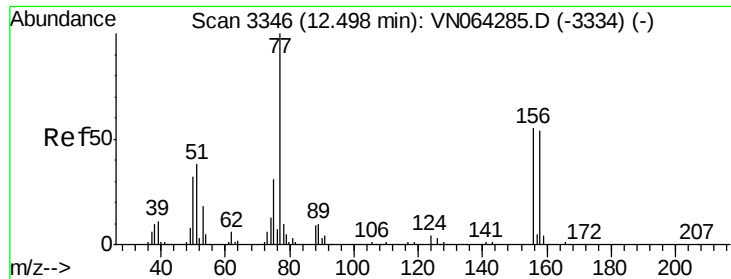
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#72
 1,2,3-Trichloropropane
 Concen: 18.011 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Tgt Ion	75	Resp	85938
Ion Ratio	100	Lower	Upper
75	100		
77	195.3	0.0	365.2





#73

Bromobenzene

Concen: 17.518 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

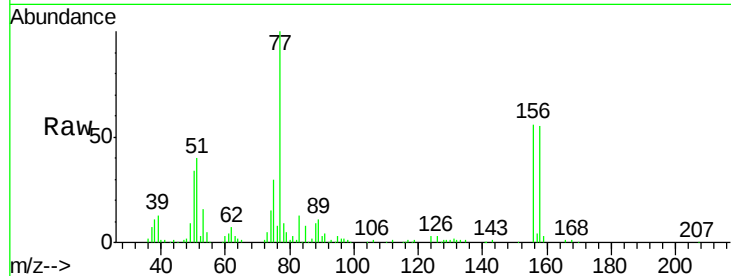
ClientSampleId :

VN1023WBS01

Tot Ion:	156	Resp:	72998
Ion Ratio	Lower	Upper	
156	100		
77	229.9	0.0	450.2
158	99.2	0.0	194.8

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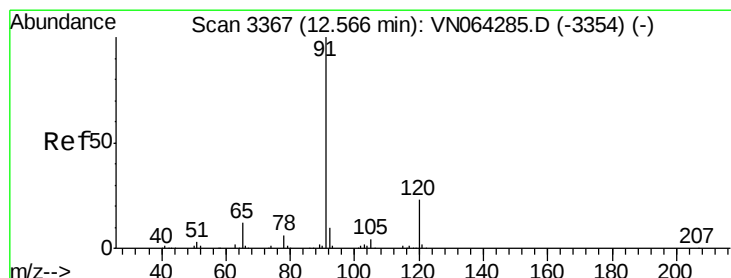
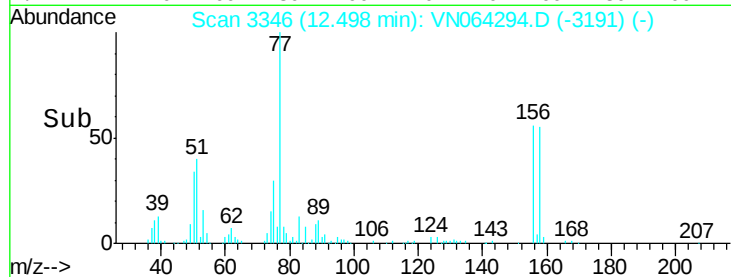
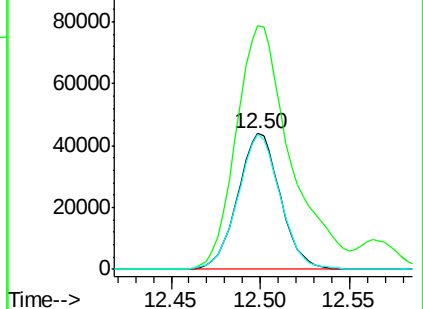
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.108 ug/l

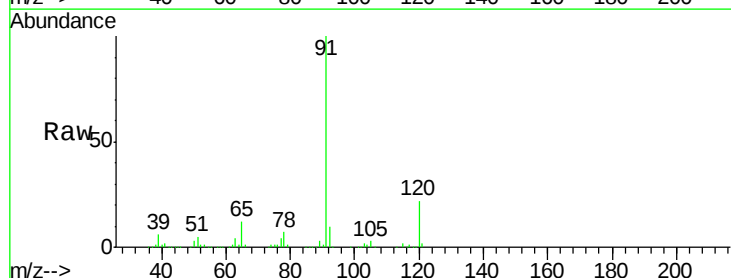
RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064294.D

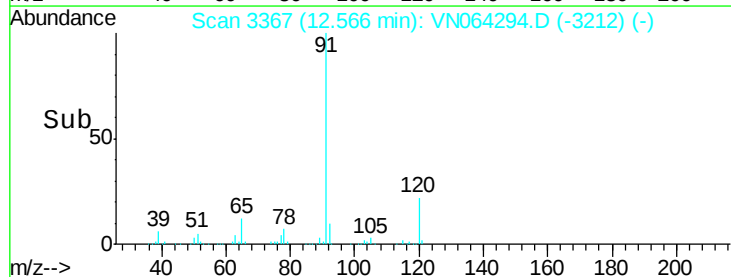
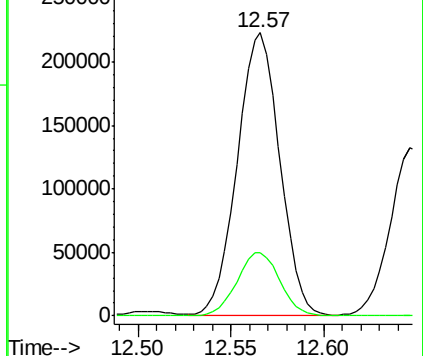
Acq: 23 Oct 2020 18:30

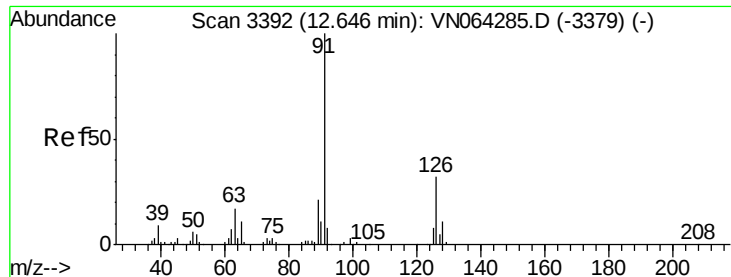
Tgt Ion:	91	Resp:	355918
Ion Ratio	Lower	Upper	
91	100		
120	22.6	0.0	43.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.381 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064294.D

Acq: 23 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tot Ion: 91 Resp: 223084

Ion Ratio Lower Upper

91 100

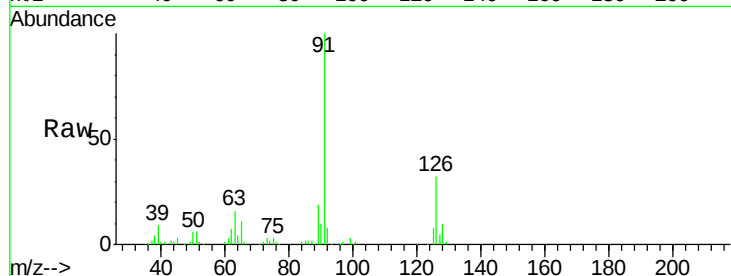
126 32.7 0.0 62.8

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

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

200000

150000

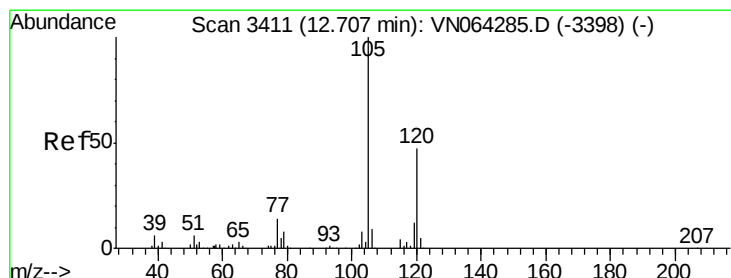
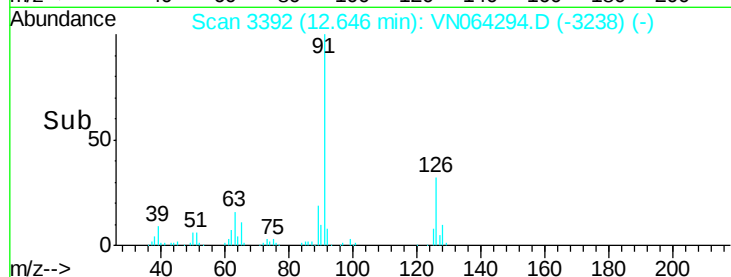
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.534 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064294.D

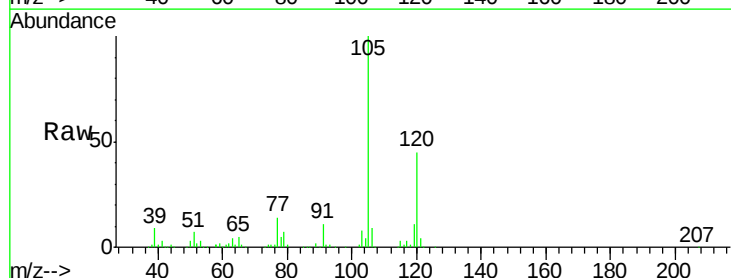
Acq: 23 Oct 2020 18:30

Tgt Ion: 105 Resp: 269090

Ion Ratio Lower Upper

105 100

120 46.0 0.0 92.8



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

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

200000

150000

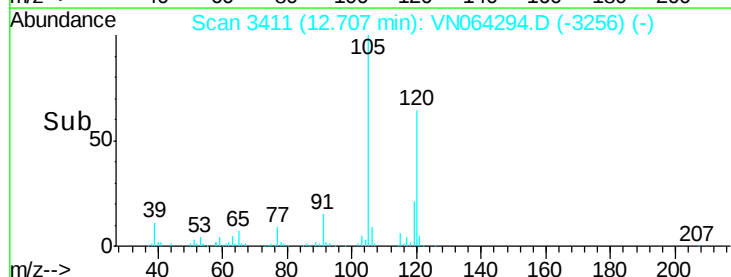
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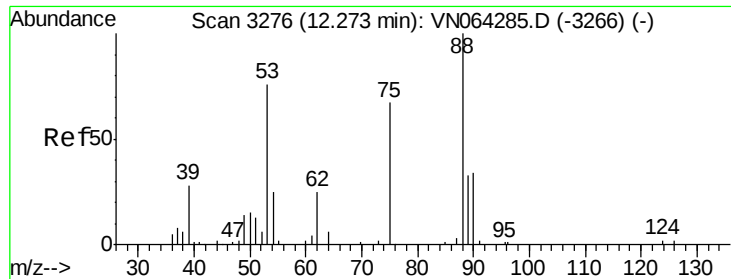
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0

12.65 12.70 12.75

Time-->





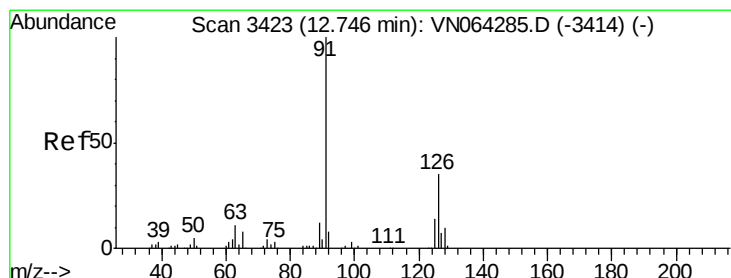
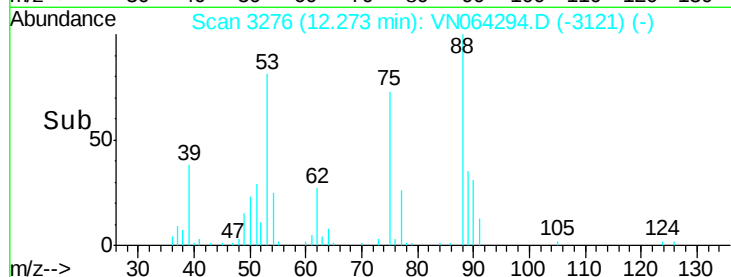
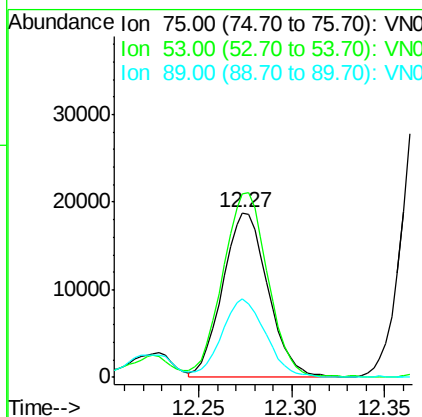
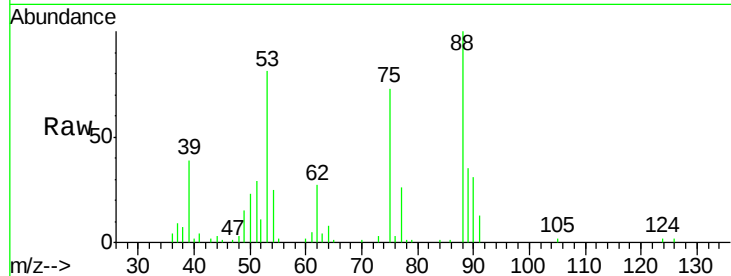
#77
t-1,4-Dichloro-2-butene
Concen: 17.307 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.9	44.8	134.3
89	47.9	22.2	66.6

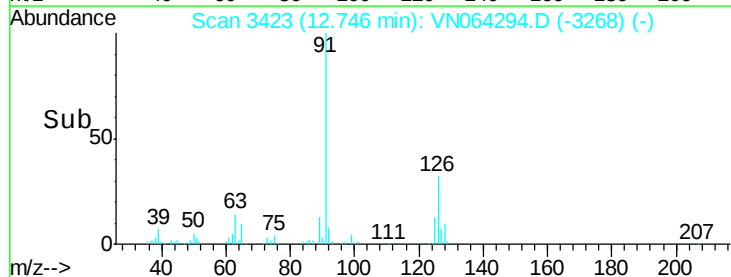
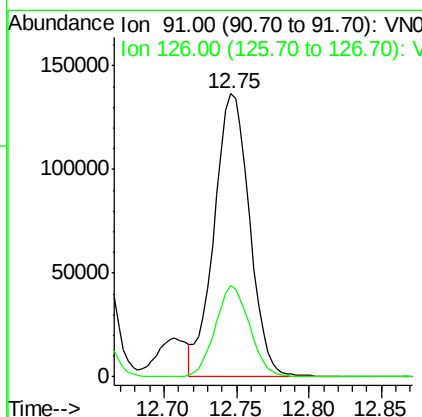
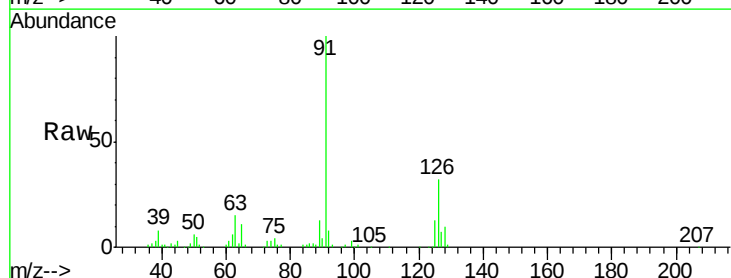
Manual Integrations
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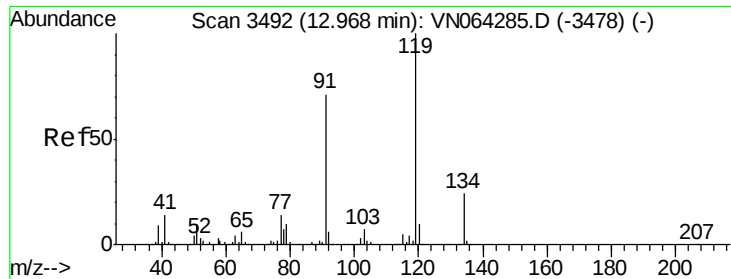
MMDadoda
10/26/2020 1:39:12 PM



#78
4-Chlorotoluene
Concen: 18.400 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	0.0	62.2





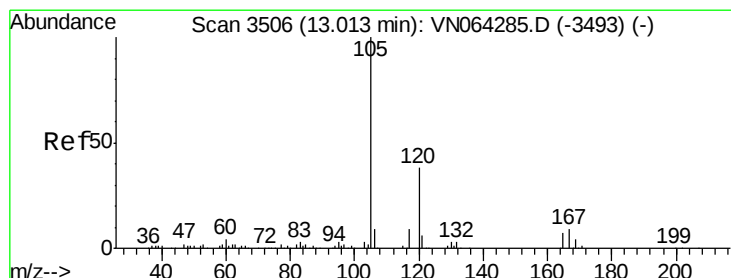
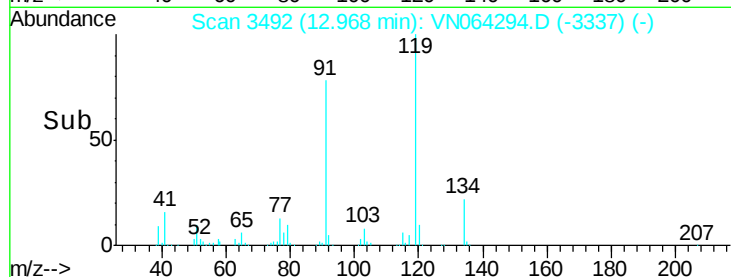
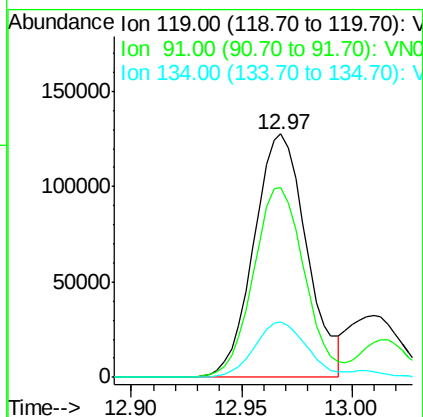
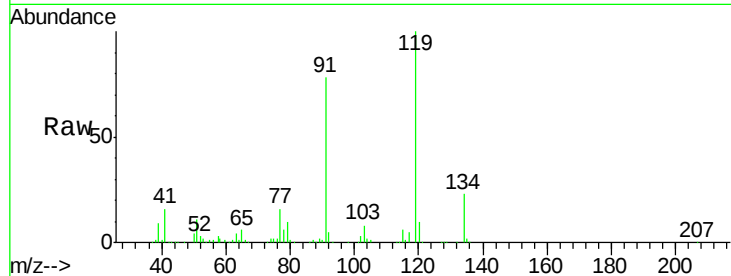
#79
tert-butylbenzene
Concen: 17.854 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	211851		
91	76.0	0.0	140.0	
134	22.3	0.0	45.8	

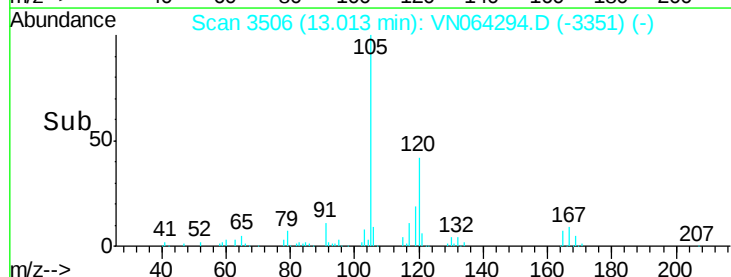
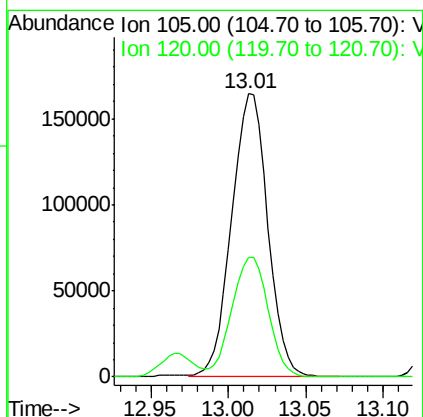
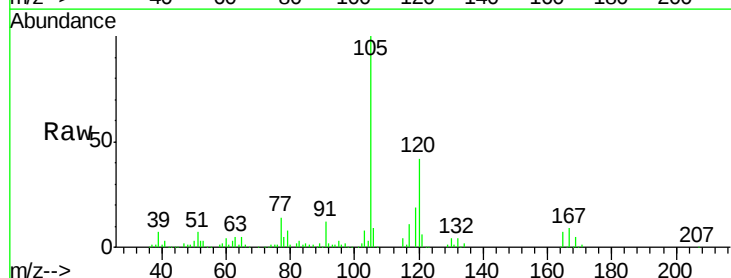
Manual Integrations
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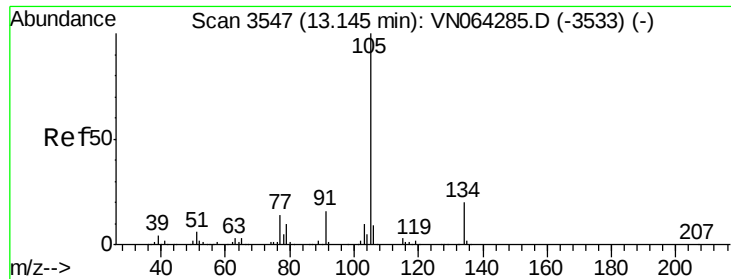
MMDadoda
10/26/2020 1:39:12 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.129 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267137		
120	42.8	0.0	87.4	





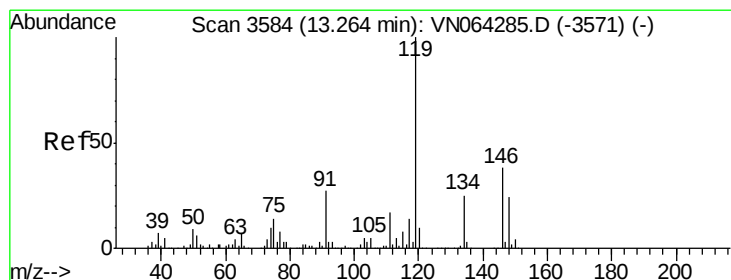
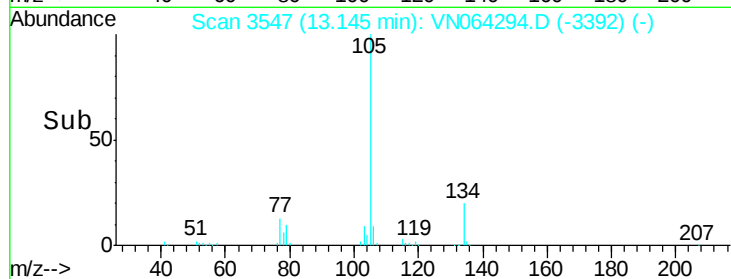
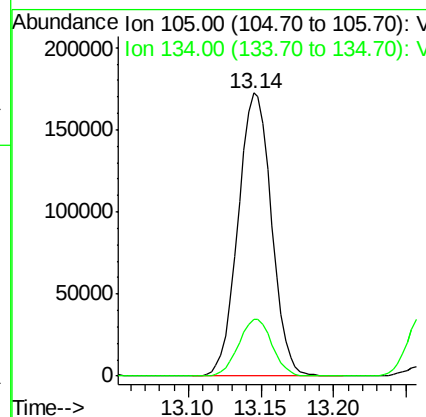
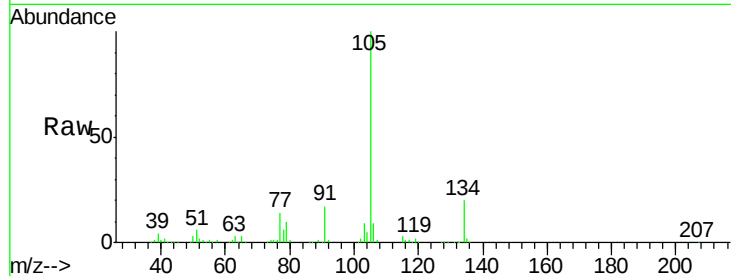
#81
 sec-Butylbenzene
 Concen: 17.878 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	275384		
134	20.1	0.0	36.8	

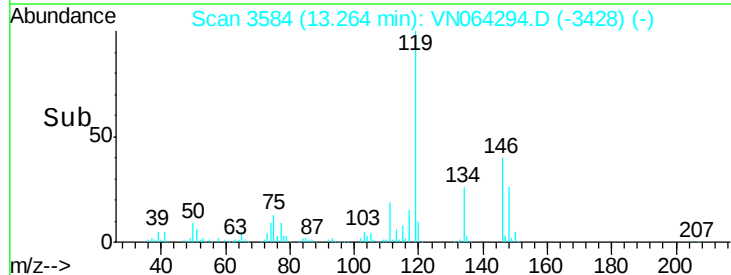
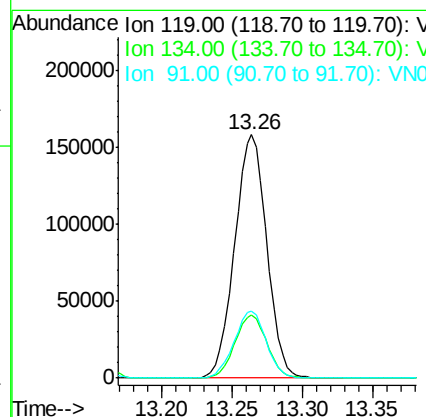
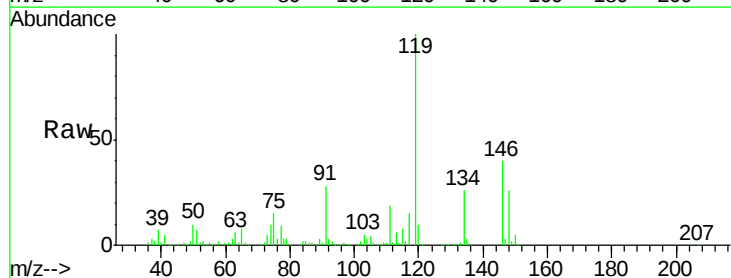
Manual Integrations
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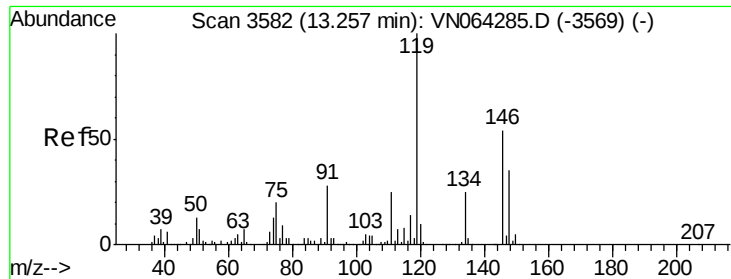
MMDadoda
 10/26/2020 1:39:12 PM



#82
 p-Isopropyltoluene
 Concen: 17.804 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	251659		
134	25.8	0.0	47.8	
91	27.5	0.0	55.8	





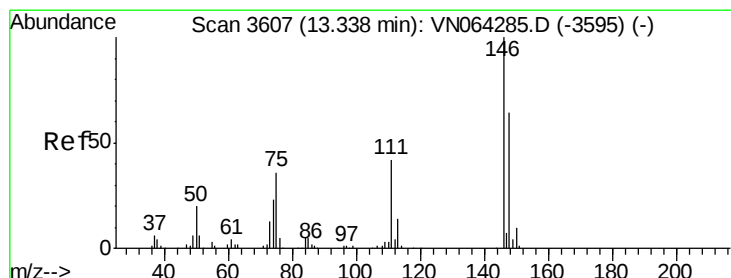
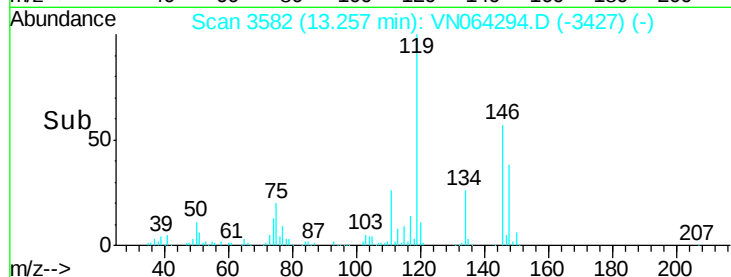
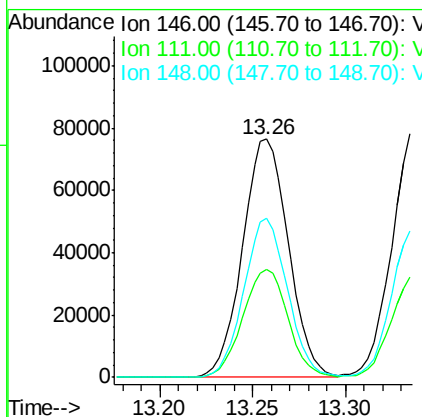
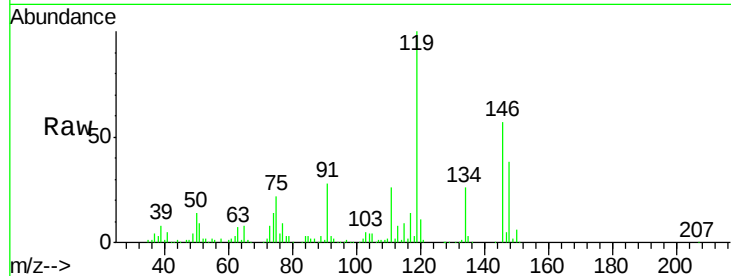
#83
 1,3-Dichlorobenzene
 Concen: 17.843 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.1	66.5
148	63.4	31.9	95.5

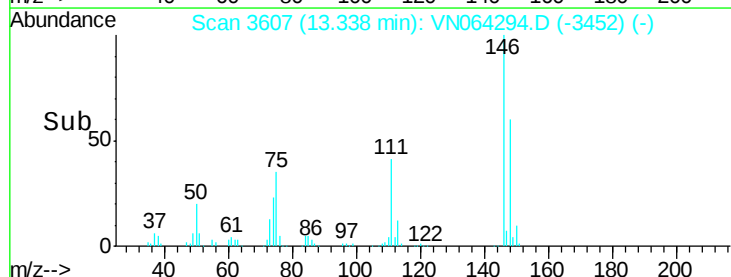
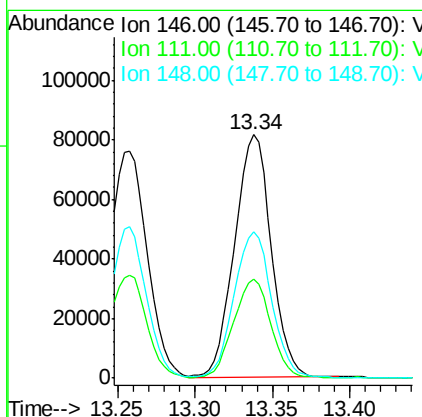
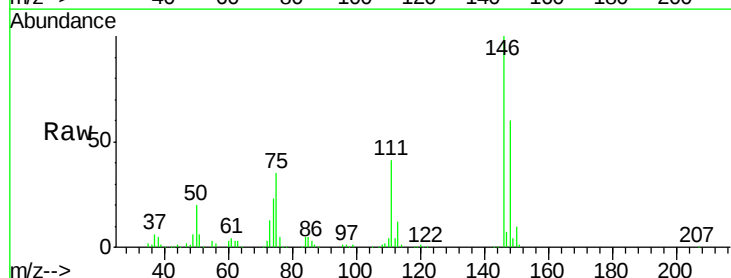
Manual Integrations
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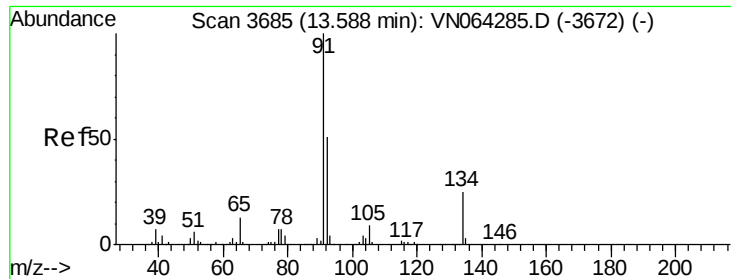
MMDadoda
 10/26/2020 1:39:12 PM



#84
 1,4-Dichlorobenzene
 Concen: 17.956 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	62.1	31.4	94.3





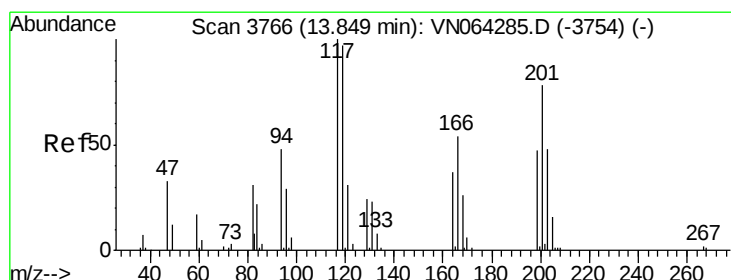
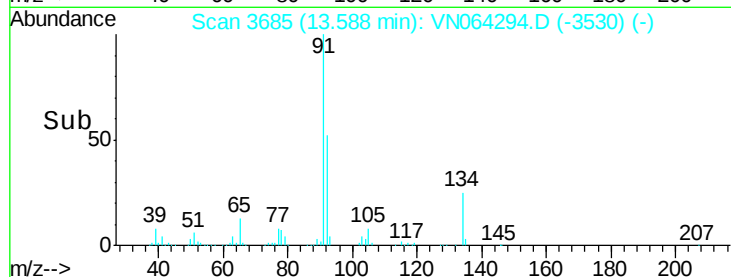
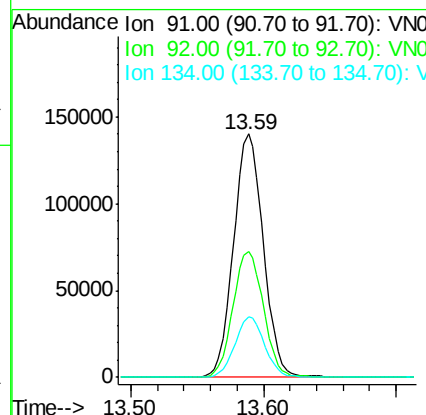
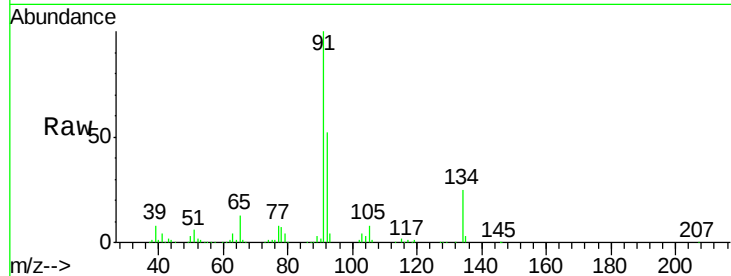
#85
n-Butylbenzene
Concen: 17.599 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	21892		
92	52.9		0.0	110.0
134	24.8		0.0	51.6

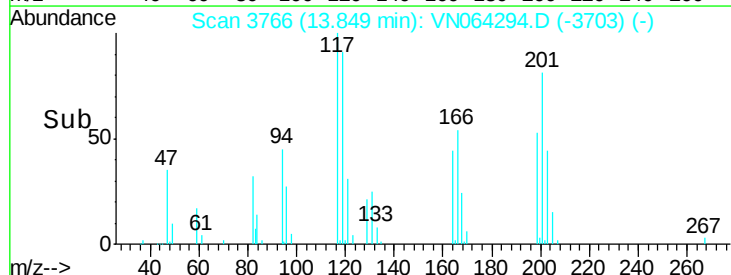
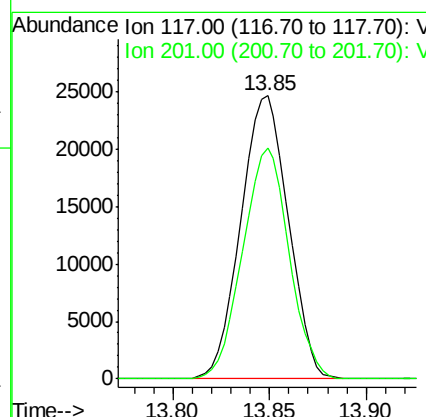
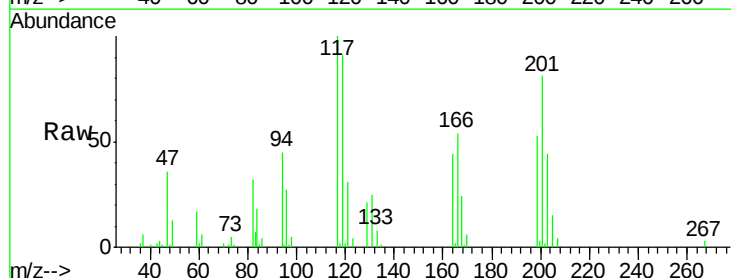
Manual Integrations
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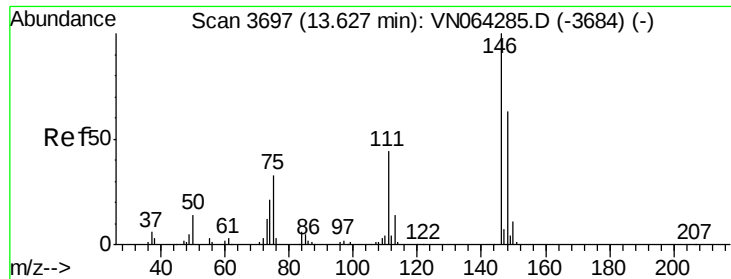
MMDadoda
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#86
Hexachloroethane
Concen: 17.667 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42166		
201	79.5		37.2	111.6





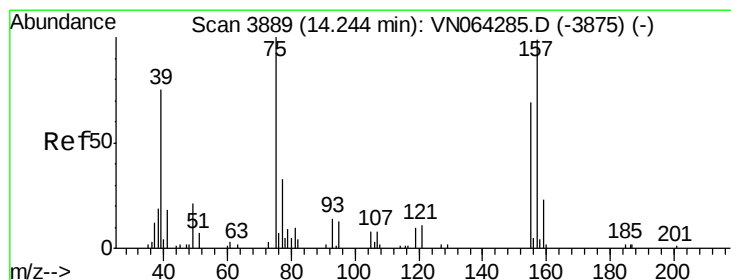
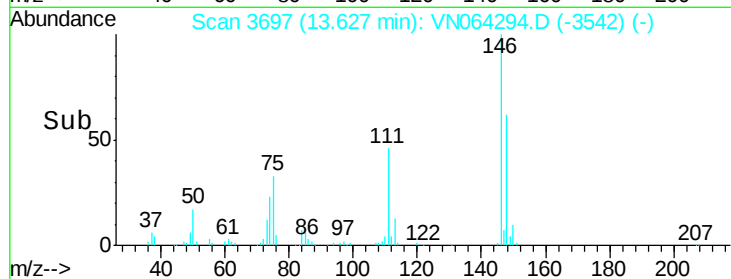
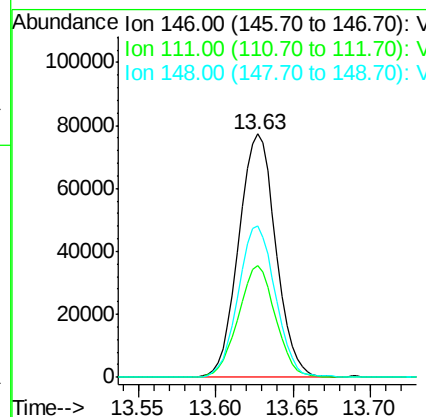
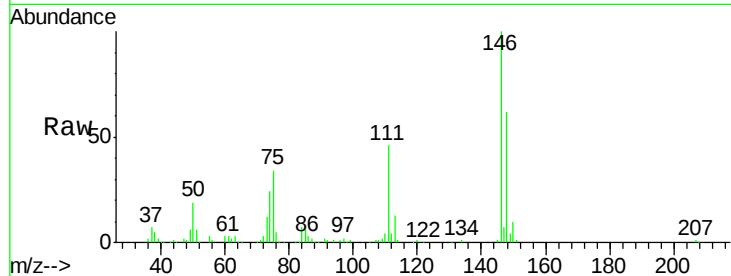
#87
 1,2-Dichlorobenzene
 Concen: 18.024 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.9	23.1	69.3
148	62.4	32.3	96.8

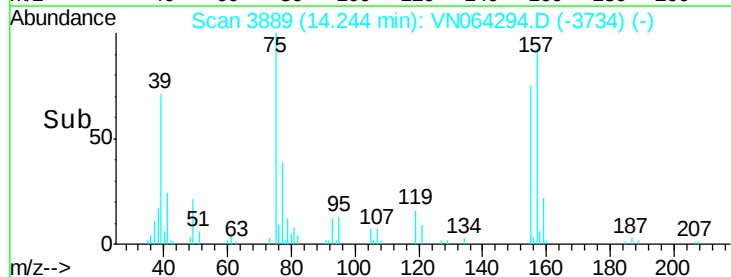
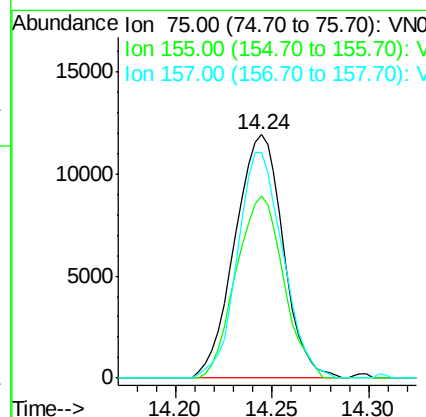
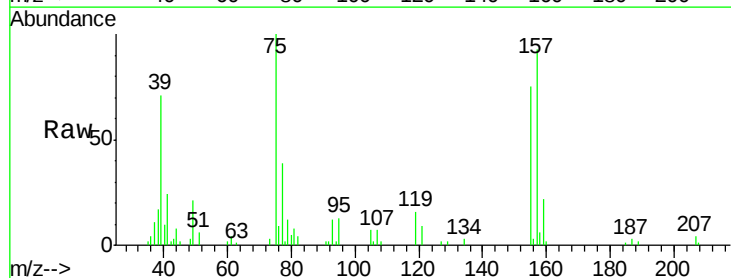
Manual Integrations
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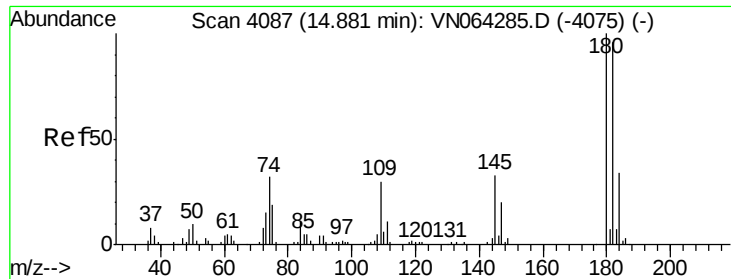
MMDadoda
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.520 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064294.D
 Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.4	56.6	84.8
157	87.1	70.1	105.1





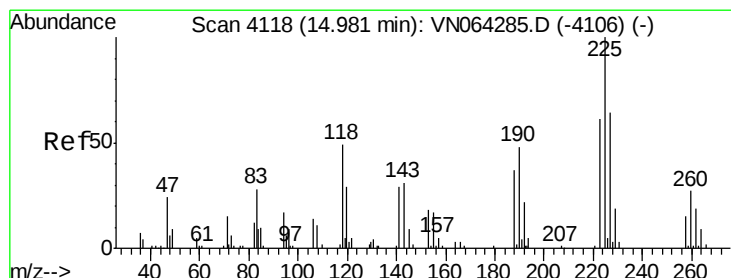
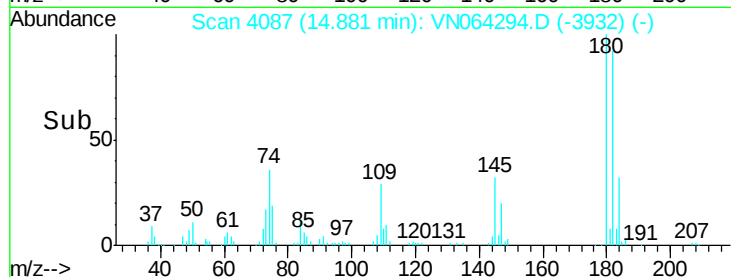
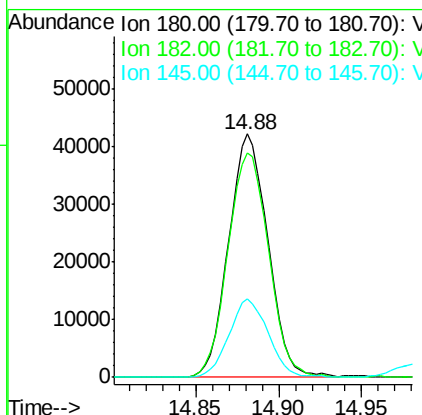
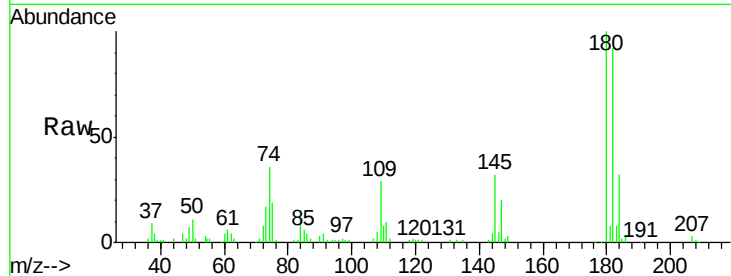
#89
1,2,4-Trichlorobenzene
Concen: 16.997 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	71.3	106.9
145	32.1	23.9	35.9

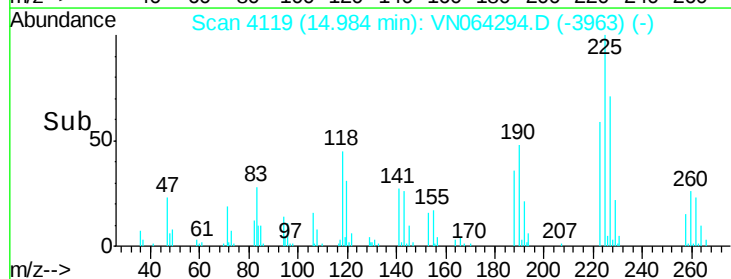
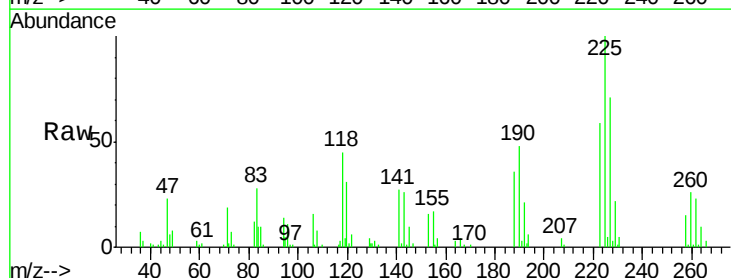
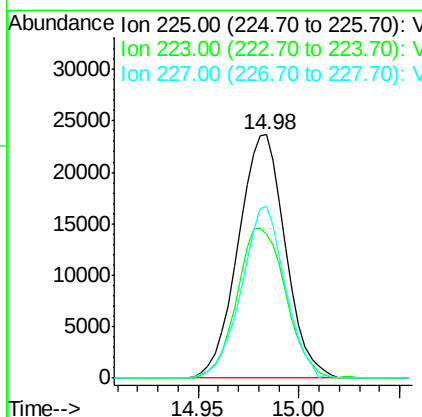
Manual Integrations
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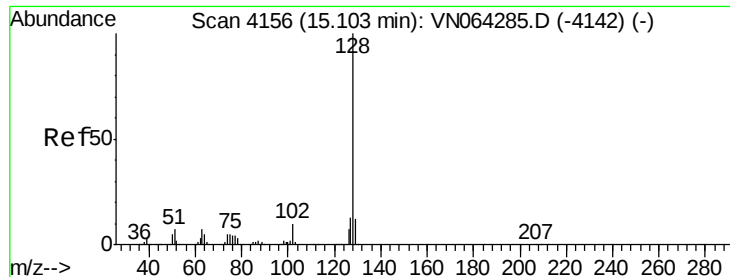
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#90
Hexachlorobutadiene
Concen: 17.317 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	129.8
227	65.2	0.0	128.6





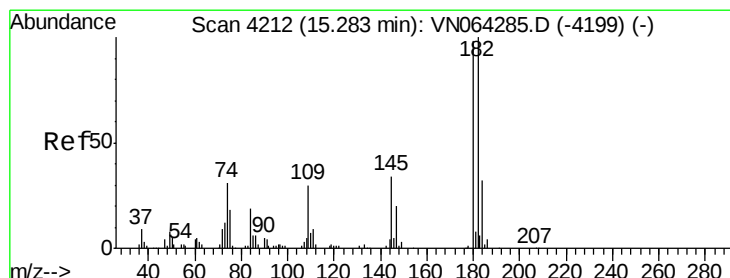
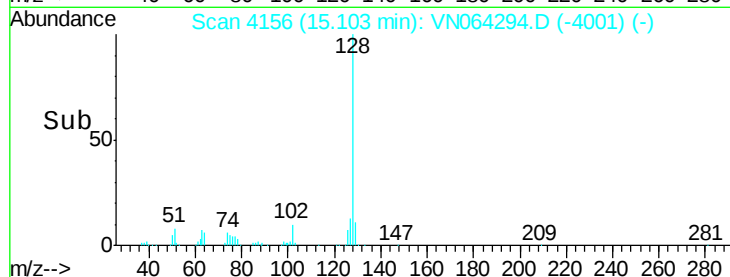
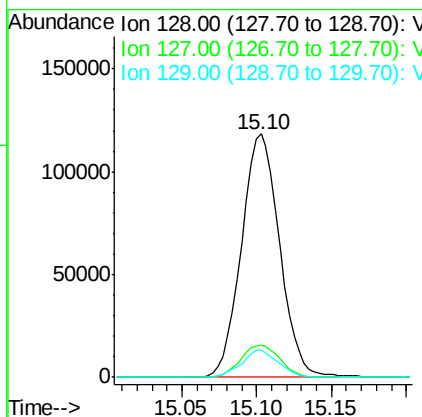
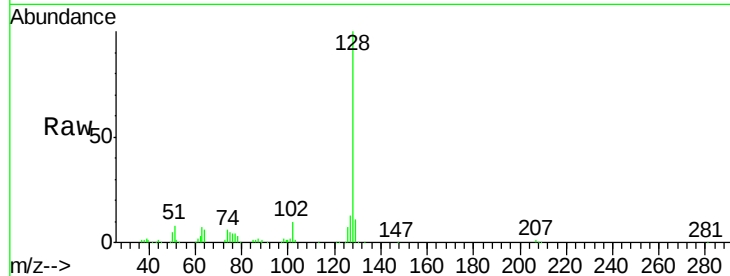
#91
Naphthalene
Concen: 17.552 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	209973		
127	13.7		9.9	14.9
129	10.9		8.3	12.5

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.258 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064294.D
Acq: 23 Oct 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67705		
182	94.1		0.0	188.8
145	33.2		0.0	70.0

