

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063906.D
 Acq On : 6 Oct 2020 20:19
 Operator : JC/MD
 Sample : VN1006WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:11:52 PM

Quant Time: Oct 07 05:37:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	49453	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	261754	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	248740	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	137758	31.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.40%
60) 4-Bromofluorobenzene	12.38	95	123442	29.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.73%
63) Toluene-d8	10.06	98	339699	30.13	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	63700	19.031	ug/l 100
3) Chloromethane	2.04	50	65469	18.901	ug/l 99
4) Vinyl Chloride	2.17	62	62150	18.037	ug/l 97
5) Bromomethane	2.54	94	24039	10.839	ug/l 94
6) Chloroethane	2.68	64	40005	18.506	ug/l 96
7) Trichlorofluoromethane	2.99	101	102542	18.851	ug/l 98
8) Diethyl Ether	3.38	74	31966	18.149	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52019	18.404	ug/l 93
10) 1,1-Dichloroethene	3.70	96	48650	18.333	ug/l 82
11) Methyl Iodide	3.92	142	37794	11.162	ug/l 89
12) Methyl Acetate	4.28	43	57780	17.692	ug/l 95
13) Acrolein	3.57	56	30258	95.183	ug/l 98
14) Acrylonitrile	4.94	53	112848	84.040	ug/l 97
15) Acetone	3.78	58	33048	85.023	ug/l # 54
16) Carbon Disulfide	4.02	76	142769	18.142	ug/l 99
17) Allyl chloride	4.28	41	93043	18.838	ug/l 88
18) Methylene Chloride	4.51	84	61810	19.432	ug/l 89
19) trans-1,2-Dichloroethene	4.99	96	55952	18.667	ug/l 96
20) Diisopropyl ether	5.90	45	181411	18.271	ug/l 90
21) 1,1-Dichloroethane	5.80	63	110804	18.434	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	63551	18.676	ug/l 93
23) tert-Butyl Alcohol	4.73	59	37573	65.232	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	161592m	18.151	ug/l
25) Chloroform	7.33	83	117884	18.704	ug/l 95
26) Cyclohexane	7.61	56	73945	17.079	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	81136	17.700	ug/l 97
30) 2-Butanone	6.79	43	173731	77.273	ug/l 96
31) 2,2-Dichloropropane	6.78	77	93379	17.046	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	106167	18.155	ug/l 99
33) Carbon Tetrachloride	7.73	117	89604	17.489	ug/l 98
34) Benzene	8.00	78	233140	17.889	ug/l 95
35) Methacrylonitrile	7.12	41	34686	16.232	ug/l 91
36) 1,2-Dichloroethane	8.09	62	101907	17.797	ug/l 95
37) Trichloroethene	8.80	130	59519	17.430	ug/l 91
38) Methylcyclohexane	9.05	83	64207	16.589	ug/l 97
39) 1,2-Dichloropropane	9.08	63	65045	18.368	ug/l 97
40) Dibromomethane	9.18	93	44389	17.948	ug/l 91

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	91801	17.859	ug/l	96
42) Vinyl Acetate	5.85	43	816404	87.495	ug/l	98
43) Ethyl Acetate	6.88	43	82517	17.139	ug/l	95
45) 1,4-Dioxane	9.17	88	13881	271.341	ug/l #	95
46) Methyl methacrylate	9.17	41	63786	16.068	ug/l	81
47) n-amyl Acetate	12.05	43	108146	15.244	ug/l	96
48) t-1,3-Dichloropropene	10.35	75	94384	16.992	ug/l	96
49) cis-1,3-Dichloropropene	9.81	75	100629	17.470	ug/l #	82
50) 1,1,2-Trichloroethane	10.53	97	60344	18.272	ug/l	96
51) Ethyl methacrylate	10.40	69	79752	16.649	ug/l	80
52) 1,3-Dichloropropane	10.68	76	101145	17.879	ug/l	98
53) Dibromochloromethane	10.87	129	64823	17.054	ug/l	97
54) 1,2-Dibromoethane	10.98	107	60083	17.352	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	217154	84.950	ug/l	98
56) Bromoform	12.10	173	43863	16.654	ug/l	96
58) 4-Methyl-2-Pentanone	9.95	43	397440	82.330	ug/l	94
59) 2-Hexanone	10.72	43	279990	77.868	ug/l	94
61) Tetrachloroethene	10.60	164	54366	17.228	ug/l	94
62) Toluene	10.13	91	256940	17.986	ug/l	100
64) Chlorobenzene	11.41	112	156232	18.043	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	60232	17.786	ug/l	97
66) Ethyl Benzene	11.48	91	276113	17.601	ug/l	98
67) m/p-Xylenes	11.60	106	204730	35.094	ug/l	95
68) o-Xylene	11.92	106	97217	17.491	ug/l	96
69) Styrene	11.94	104	164519	17.347	ug/l	97
70) Isopropylbenzene	12.23	105	261171	17.684	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.48	83	81417	17.440	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	76352m	16.039	ug/l	
73) Bromobenzene	12.50	156	64991	17.362	ug/l	90
74) n-propylbenzene	12.57	91	297804	17.249	ug/l	100
75) 2-Chlorotoluene	12.65	91	189215	17.967	ug/l	95
76) 1,3,5-Trimethylbenzene	12.71	105	215957	17.340	ug/l	98
77) t-1,4-Dichloro-2-butene	12.28	75	24374	14.395	ug/l	77
78) 4-Chlorotoluene	12.75	91	192194	17.234	ug/l	99
79) tert-butylbenzene	12.97	119	170372	17.075	ug/l	95
80) 1,2,4-Trimethylbenzene	13.01	105	216640	17.352	ug/l	98
81) sec-Butylbenzene	13.15	105	226251	17.252	ug/l	99
82) p-Isopropyltoluene	13.26	119	199636	16.842	ug/l	96
83) 1,3-Dichlorobenzene	13.26	146	113496	17.048	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	111423	16.848	ug/l	96
85) n-Butylbenzene	13.59	91	168578	16.255	ug/l	98
86) Hexachloroethane	13.85	117	34425	16.851	ug/l	81
87) 1,2-Dichlorobenzene	13.63	146	112019	17.148	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.24	75	18001	16.137	ug/l	86
89) 1,2,4-Trichlorobenzene	14.88	180	53667	16.162	ug/l	95
90) Hexachlorobutadiene	14.98	225	31353	17.827	ug/l	96
91) Naphthalene	15.10	128	150030	14.770	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	51992	16.075	ug/l	95

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QLast Update : Tue Oct 06 16:42:38 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

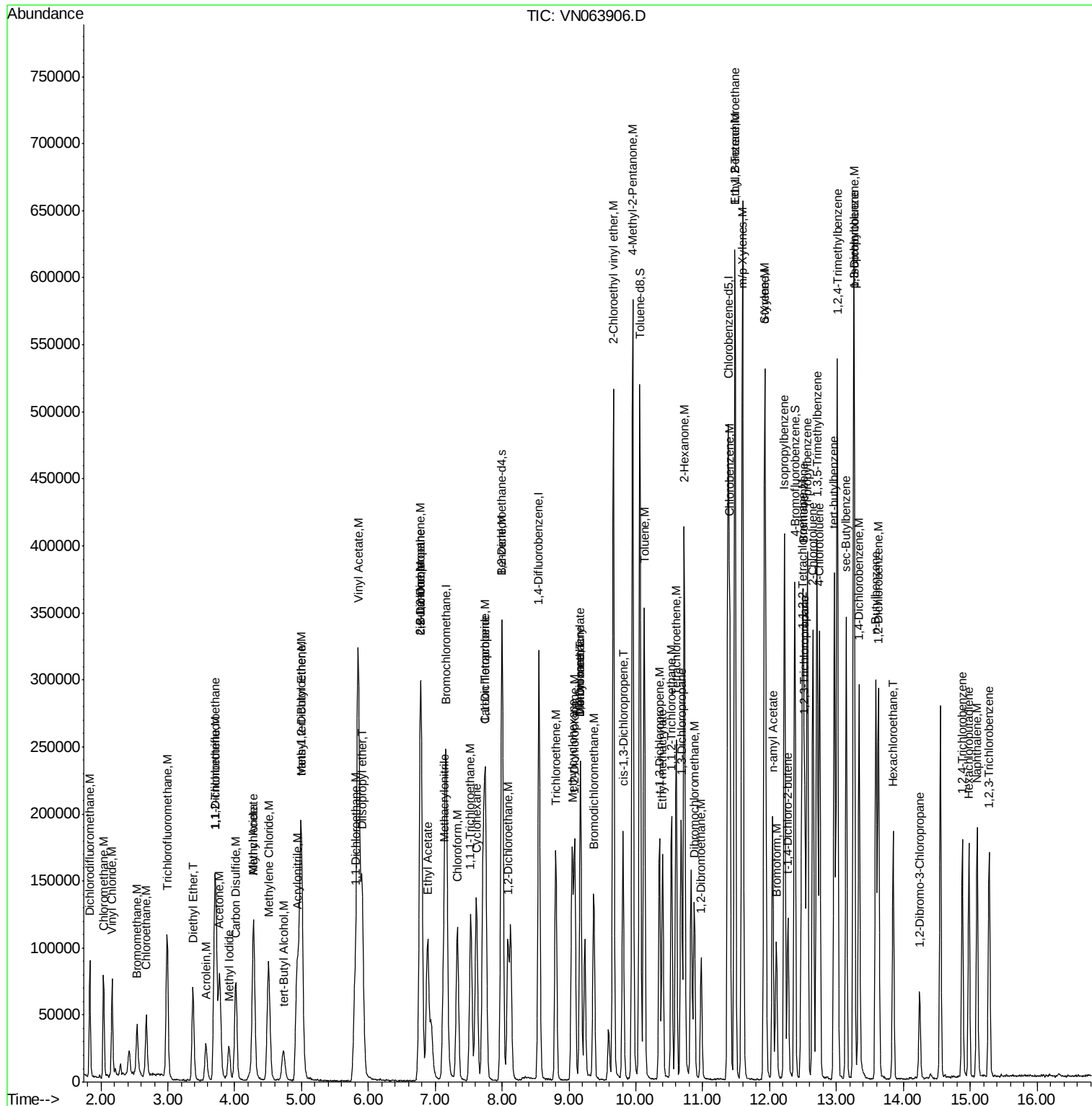
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Data File : VN063906.D
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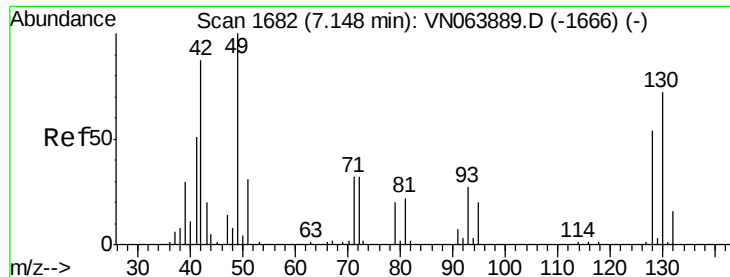
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion:128 Resp: 49453

Ion Ratio Lower Upper

128 100

49 187.7 0.0 437.5

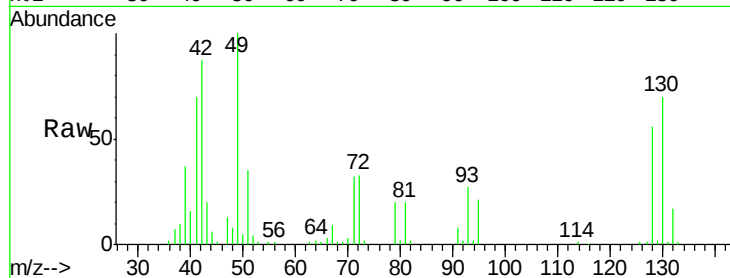
130 131.9 0.0 327.3

Manual Integrations

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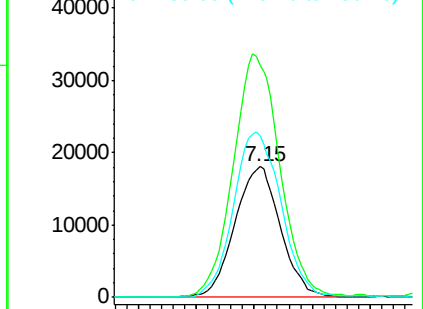
10/7/2020 12:11:52 PM



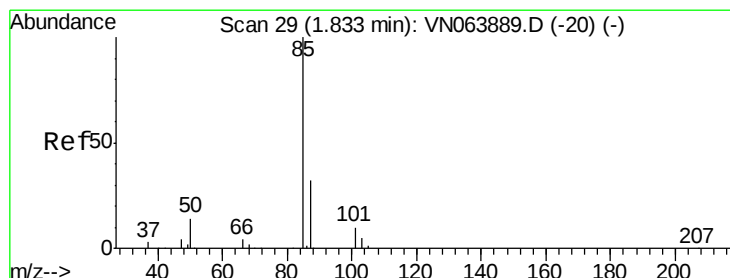
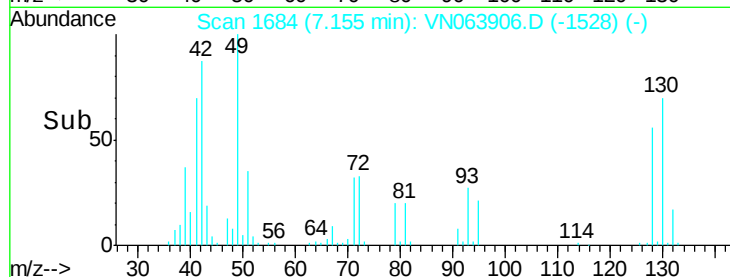
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 19.031 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063906.D

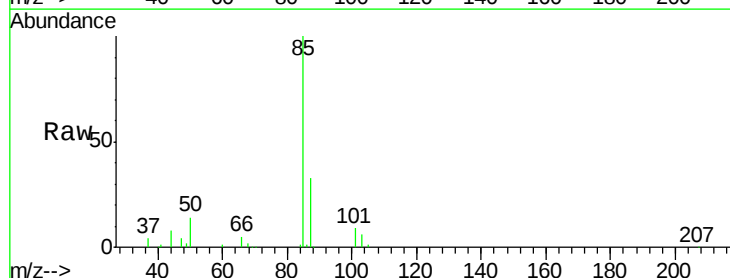
Acq: 6 Oct 2020 20:19

Tgt Ion: 85 Resp: 63700

Ion Ratio Lower Upper

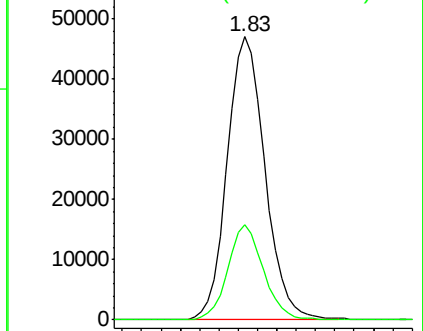
85 100

87 33.5 16.9 50.6

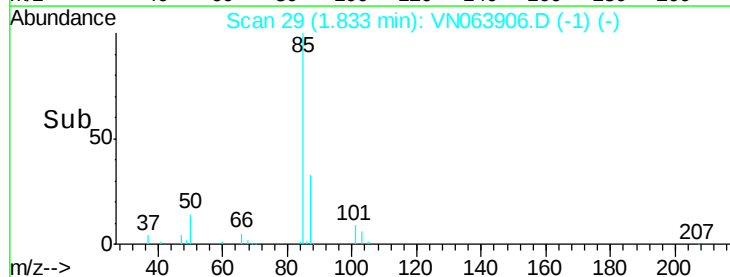


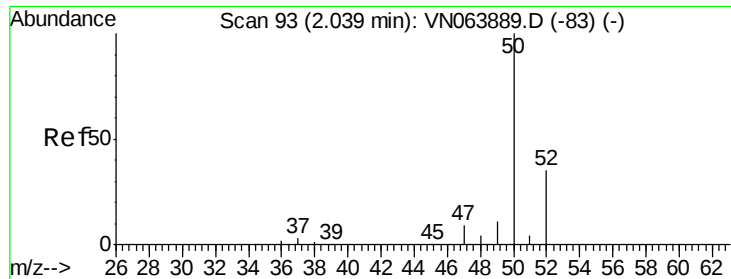
Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



Time-->





#3

Chloromethane

Concen: 18.901 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion: 50 Resp: 65469

Ion Ratio Lower Upper

50 100

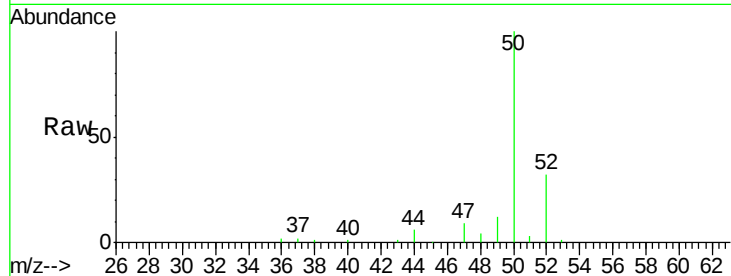
52 31.9 26.0 39.0

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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.04

50000

40000

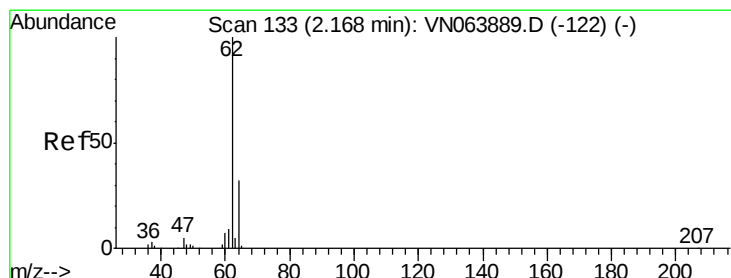
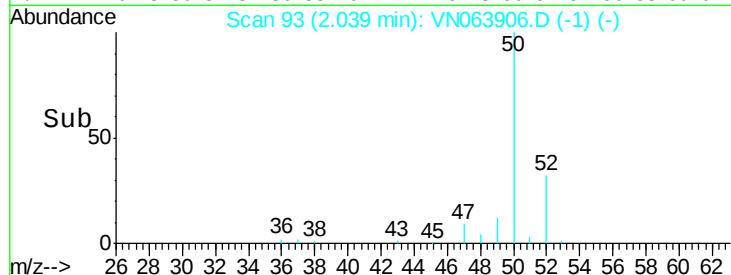
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 18.037 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.01 min

Lab File: VN063906.D

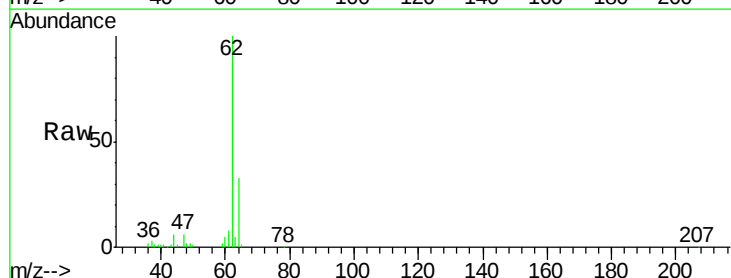
Acq: 6 Oct 2020 20:19

Tgt Ion: 62 Resp: 62150

Ion Ratio Lower Upper

62 100

64 32.8 25.0 37.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.17

50000

40000

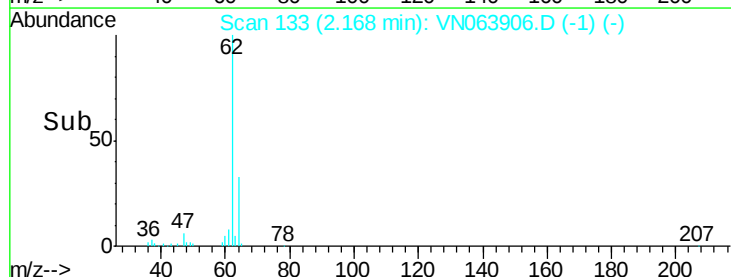
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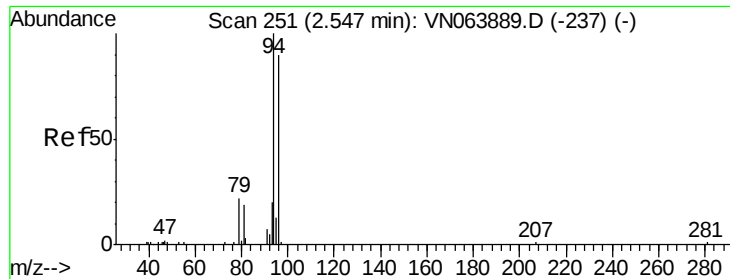
20000

10000

0

Time-->





#5

Bromomethane

Concen: 10.839 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion: 94 Resp: 24039

Ion Ratio Lower Upper

94 100

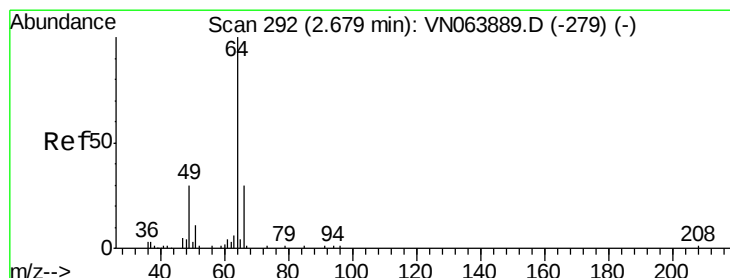
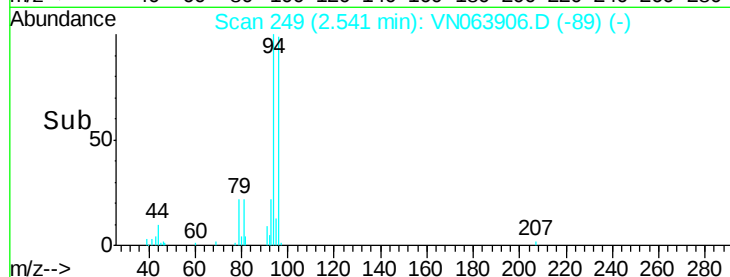
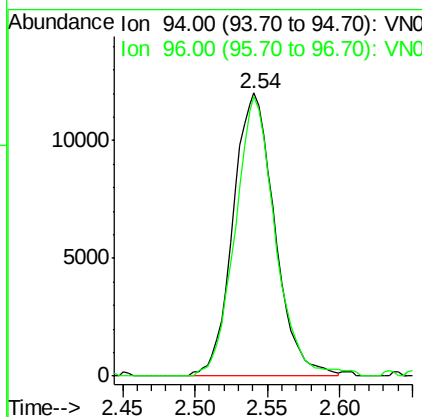
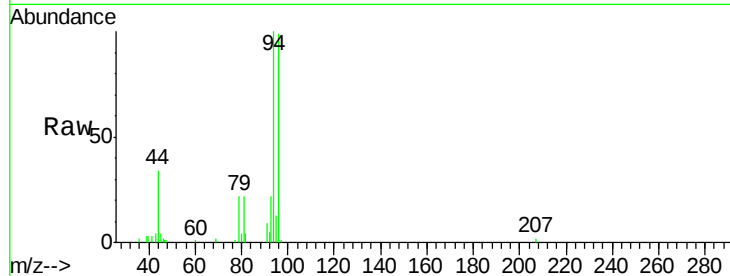
96 98.7 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 18.506 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063906.D

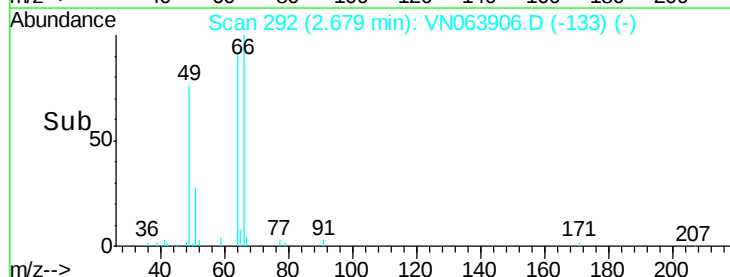
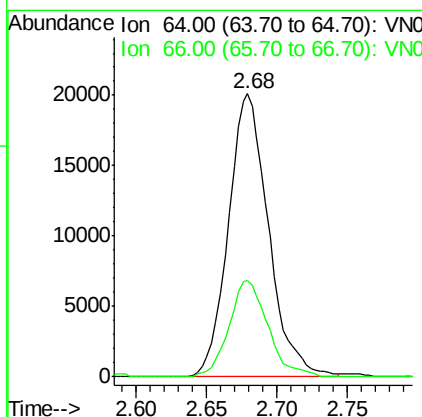
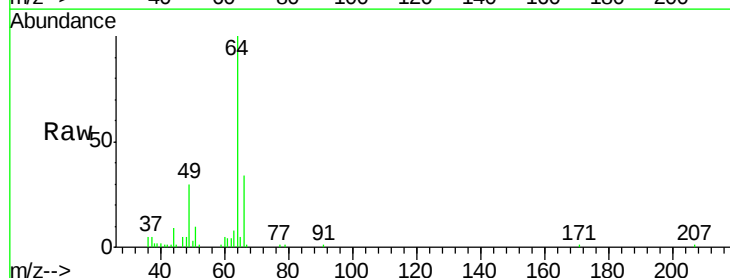
Acq: 6 Oct 2020 20:19

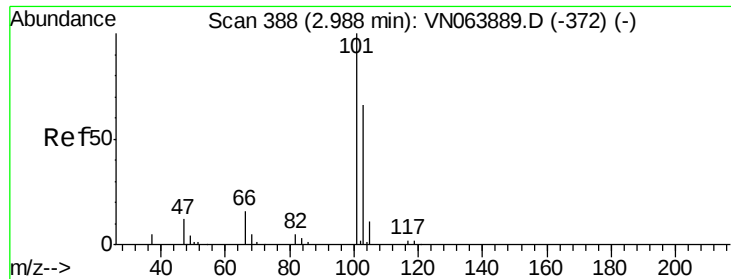
Tgt Ion: 64 Resp: 40005

Ion Ratio Lower Upper

64 100

66 34.3 25.8 38.8





#7

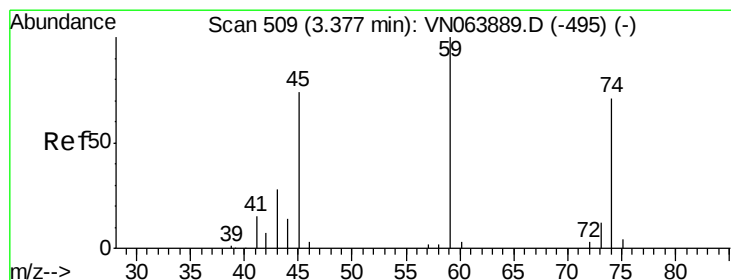
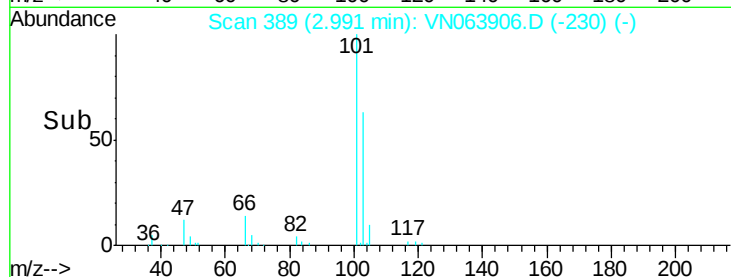
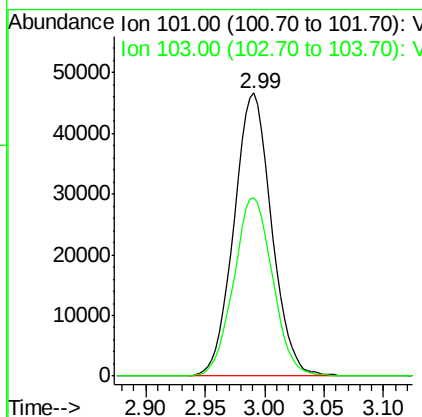
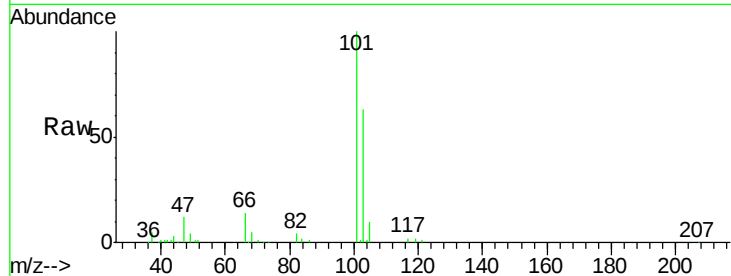
Trichlorofluoromethane
 Concen: 18.851 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS03

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.9	77.9

Manual Integrations
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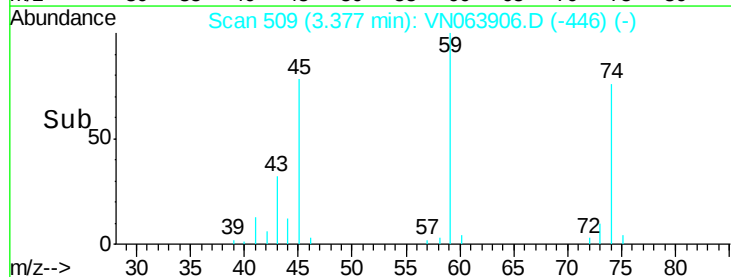
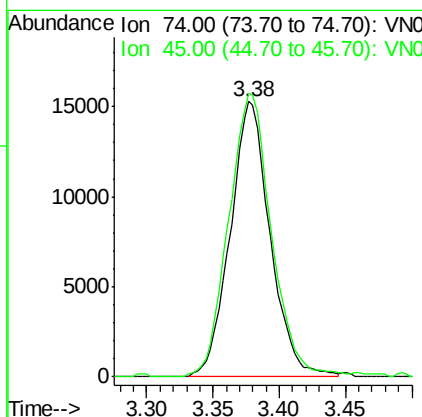
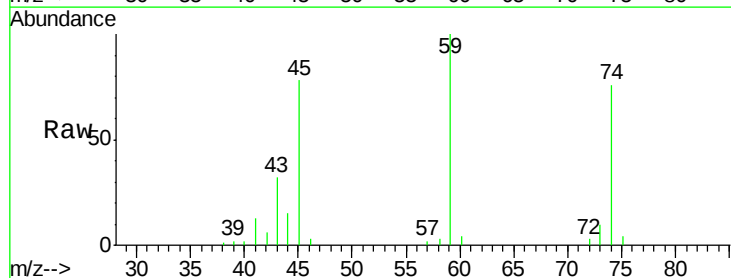
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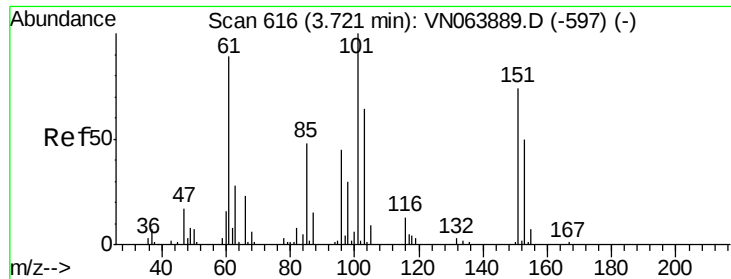


#8

Diethyl Ether
 Concen: 18.149 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.8	20.6	185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.404 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

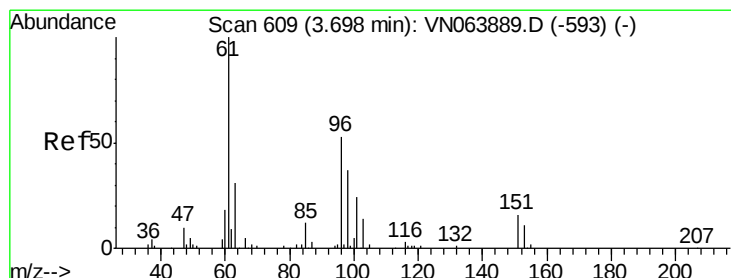
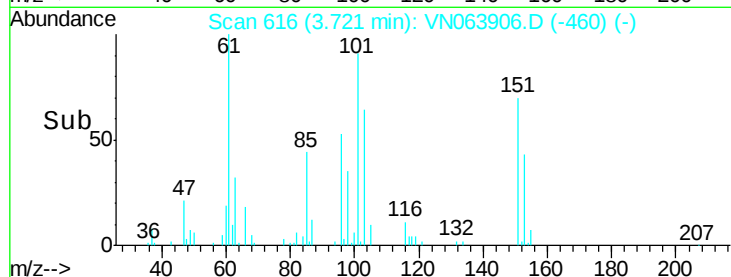
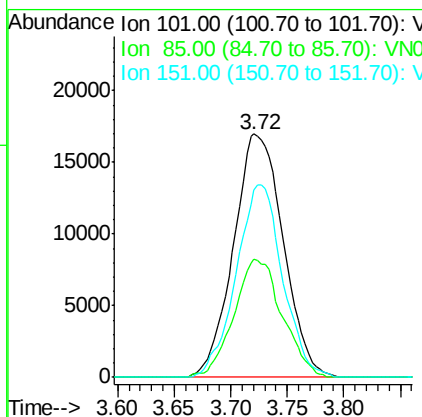
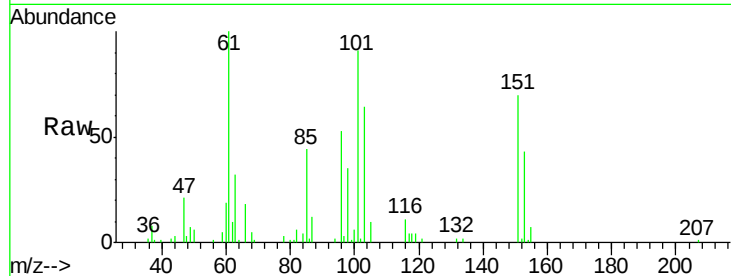
ClientSampled :

VN1006WBS03

Tot Ion:	101	Resp:	52019
Ion	Ratio	Lower	Upper
101	100		
85	46.7	0.0	85.0
151	73.9	0.0	161.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.333 ug/l

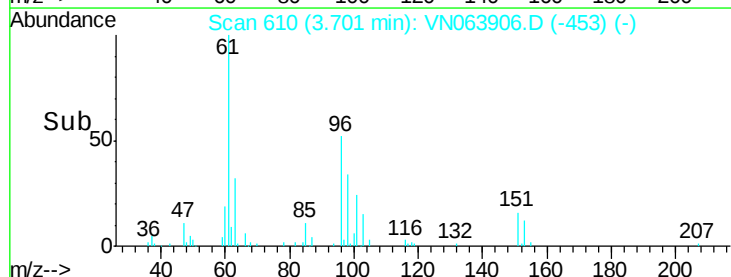
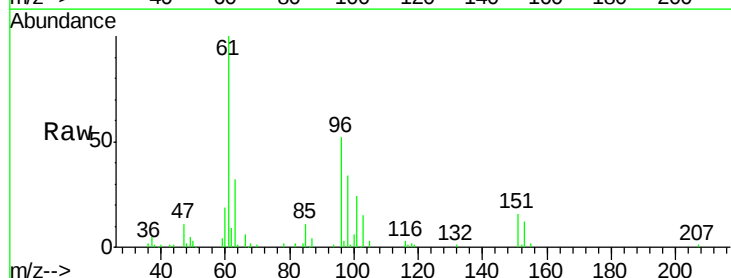
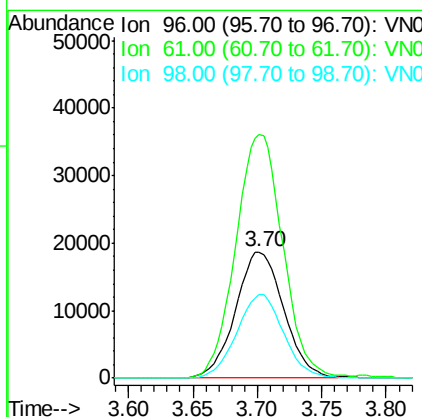
RT: 3.70 min Scan# 610

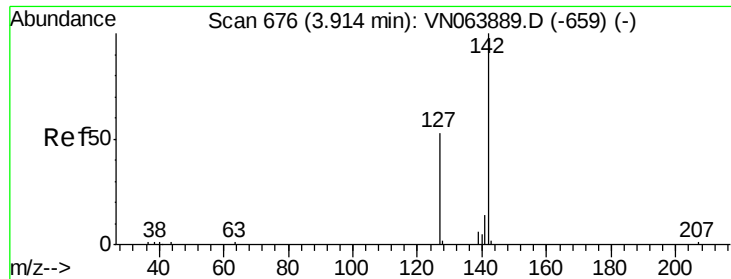
Delta R.T. 0.01 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Tgt Ion:	96	Resp:	48650
Ion	Ratio	Lower	Upper
96	100		
61	192.9	130.8	196.2
98	66.2	49.0	73.4





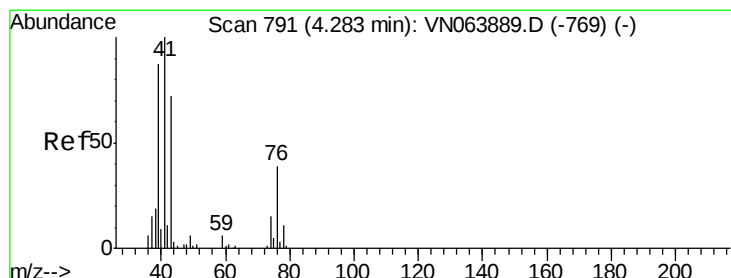
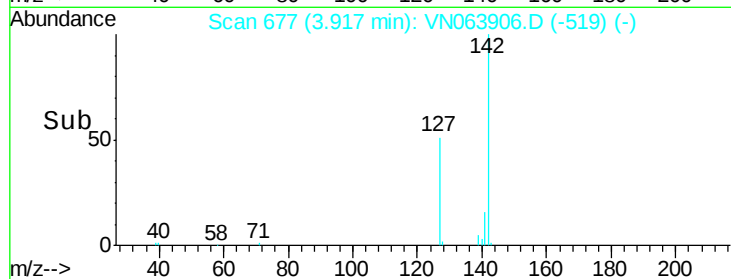
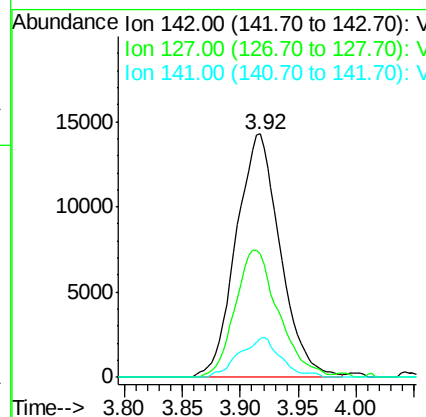
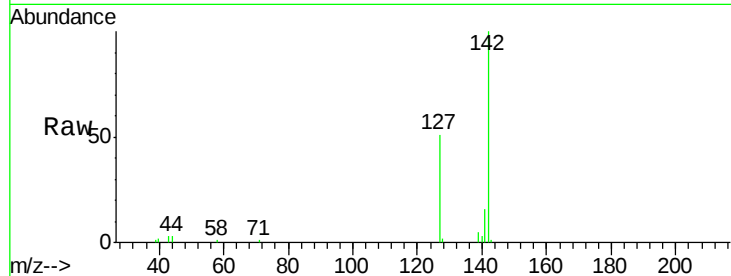
#11
Methyl Iodide
Concen: 11.162 ug/l
RT: 3.92 min Scan# 677
Delta R.T. 0.01 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.0	20.9	62.8
141	16.0	6.7	20.1

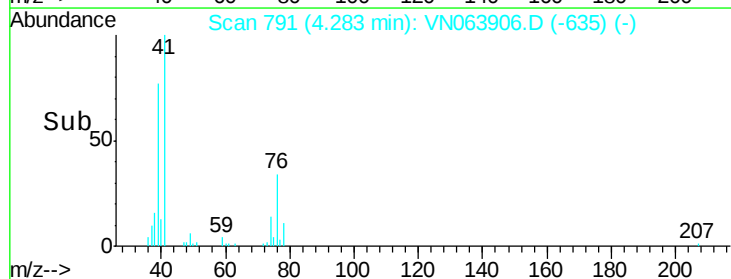
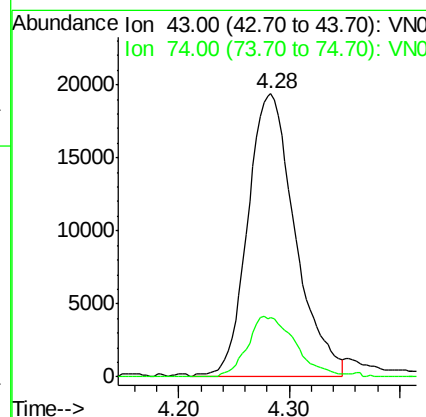
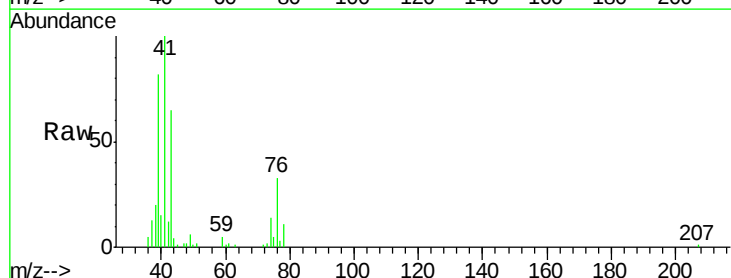
Manual Integrations
APPROVED

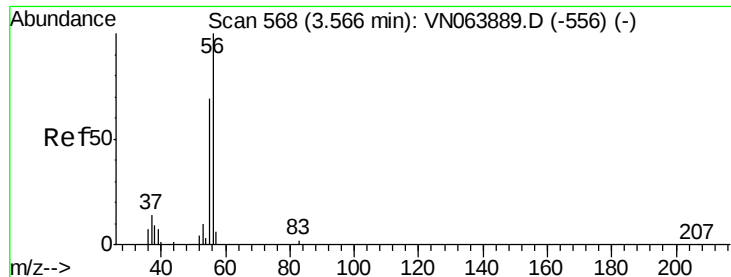
MMDadoda
10/7/2020 12:11:52 PM



#12
Methyl Acetate
Concen: 17.692 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	18.6	27.8





#13

Acrolein

Concen: 95.183 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion: 56 Resp: 30258

Ion Ratio Lower Upper

56 100

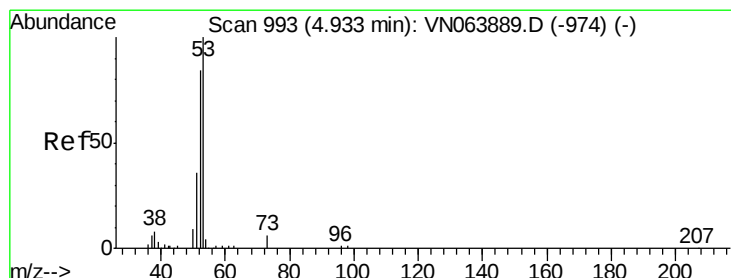
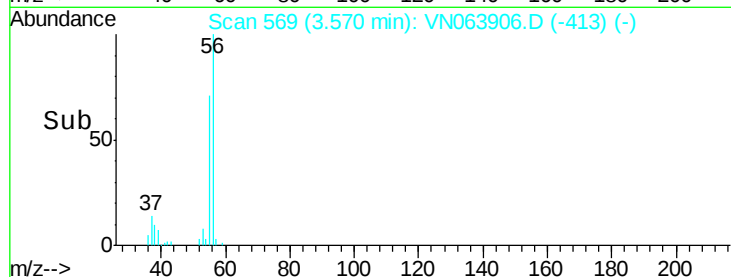
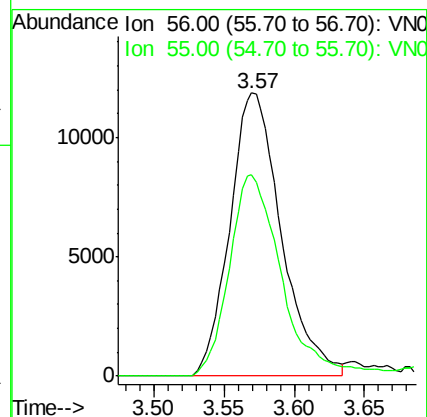
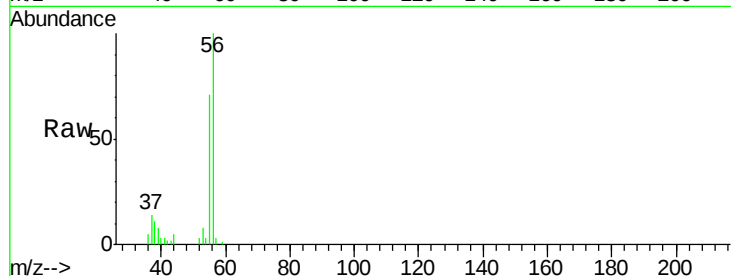
55 71.7 58.7 88.1

Manual Integrations

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MMDadoda

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#14

Acrylonitrile

Concen: 84.040 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

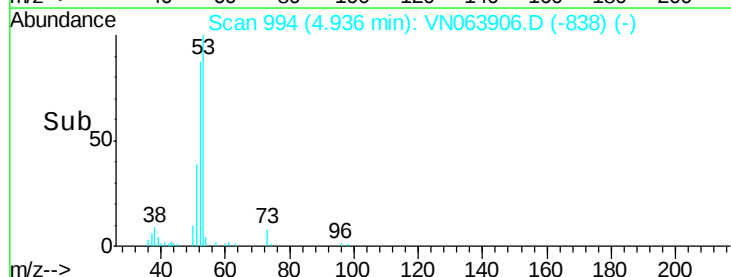
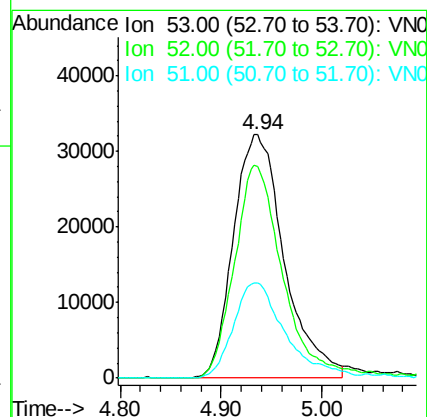
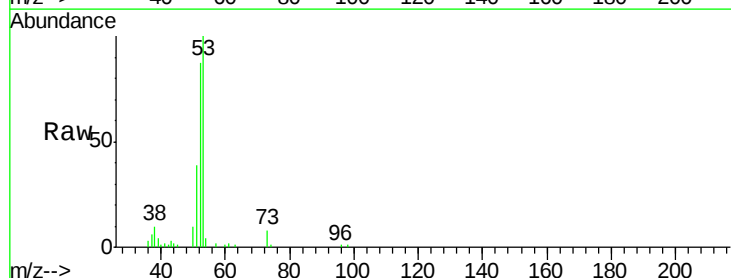
Tgt Ion: 53 Resp: 112848

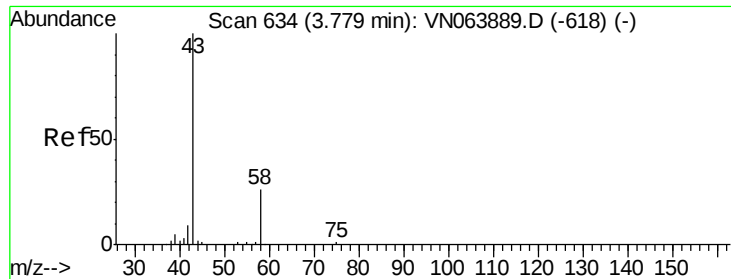
Ion Ratio Lower Upper

53 100

52 81.8 39.9 119.7

51 37.5 17.0 51.0





#15

Acetone

Concen: 85.023 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS03

Tot Ion: 58 Resp: 33048

Ion Ratio Lower Upper

58 100

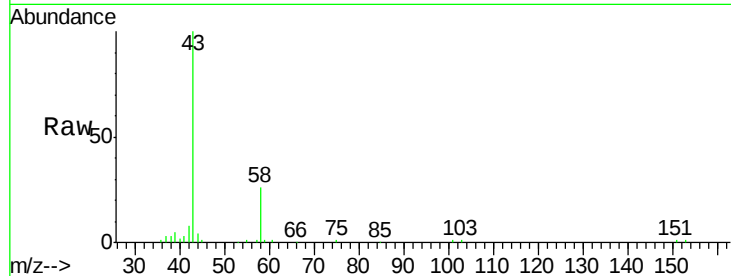
43 379.3 233.2 349.8#

Manual Integrations

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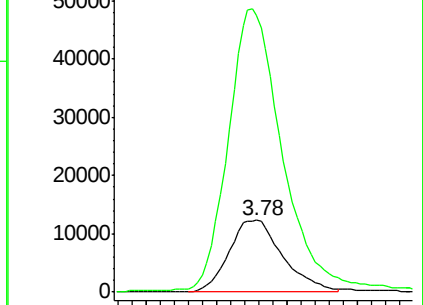
MMDadoda

10/7/2020 12:11:52 PM

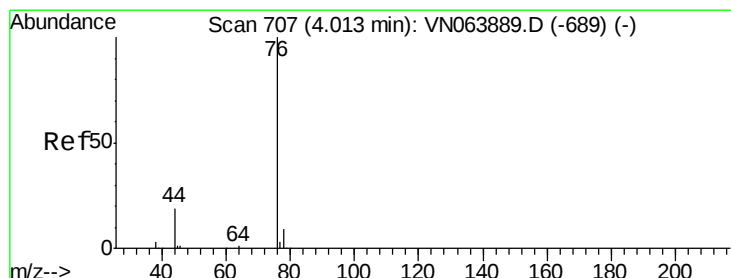
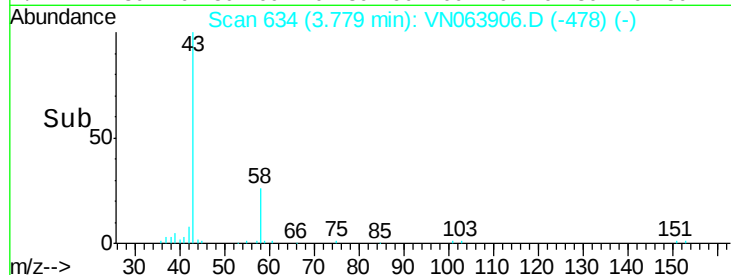


Abundance Ion 58.00 (57.70 to 58.70): VN063889.D (-618) (-)

Ion 43.00 (42.70 to 43.70): VN063889.D (-618) (-)



Time-->



#16

Carbon Disulfide

Concen: 18.142 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN063906.D

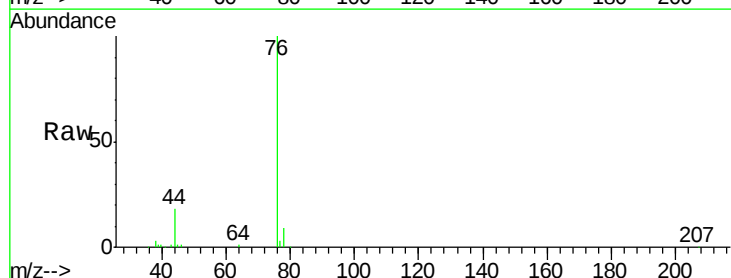
Acq: 6 Oct 2020 20:19

Tgt Ion: 76 Resp: 142769

Ion Ratio Lower Upper

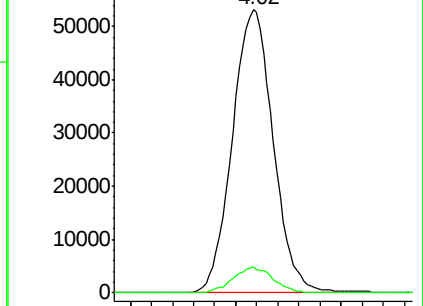
76 100

78 9.1 7.0 10.4

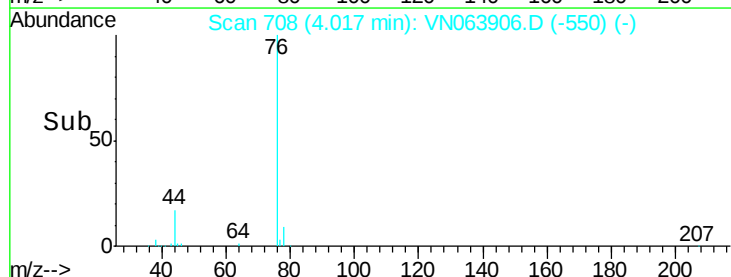


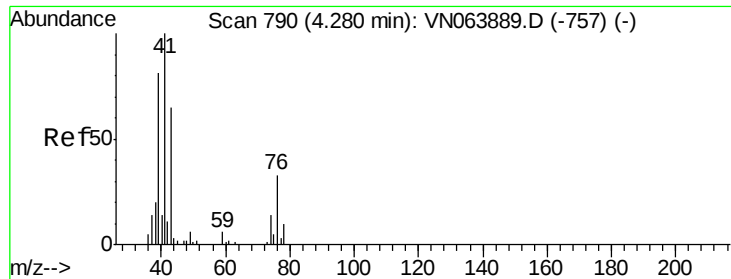
Abundance Ion 76.00 (75.70 to 76.70): VN063889.D (-689) (-)

Ion 78.00 (77.70 to 78.70): VN063889.D (-689) (-)



Time-->





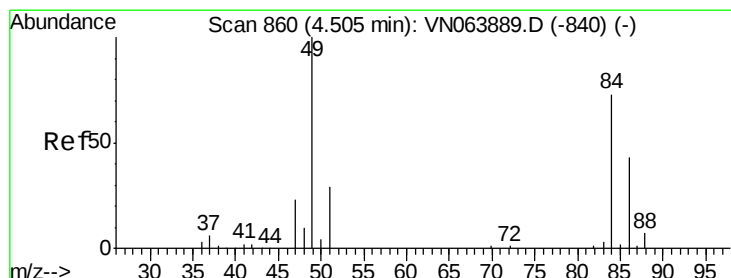
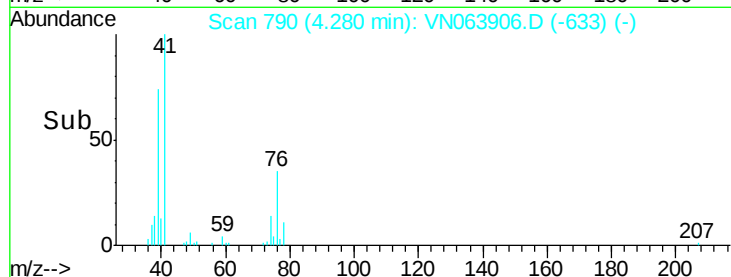
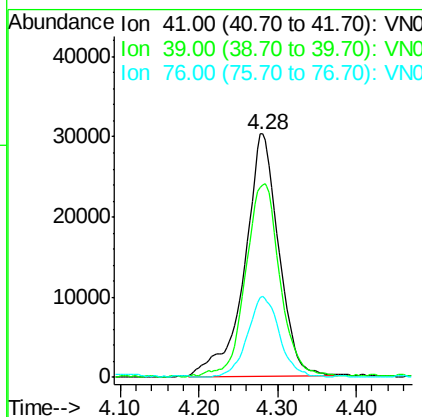
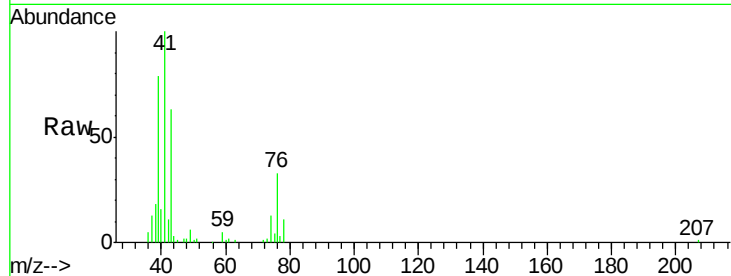
#17
Allvl chloride
Concen: 18.838 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion	Ratio	Lower	Upper
41	100		
39	78.9	33.8	101.4
76	33.1	19.4	58.4

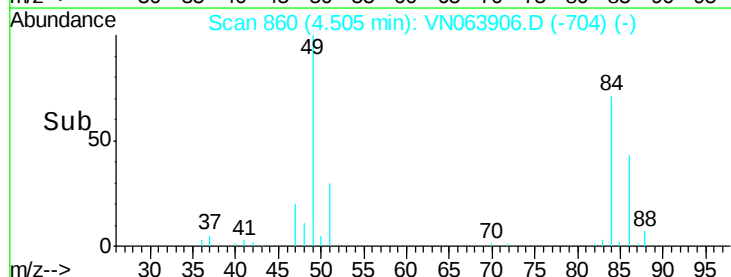
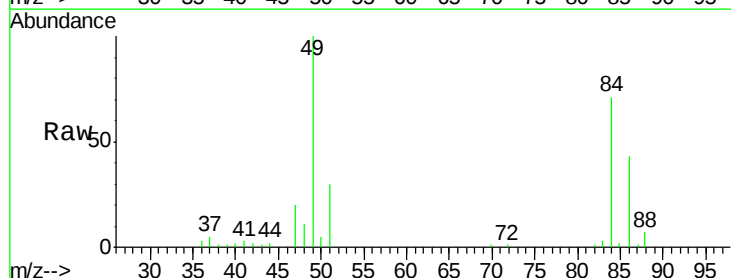
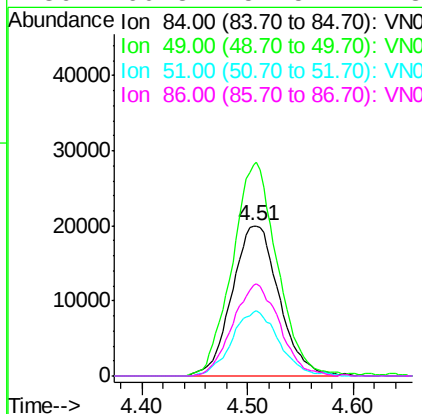
Manual Integrations
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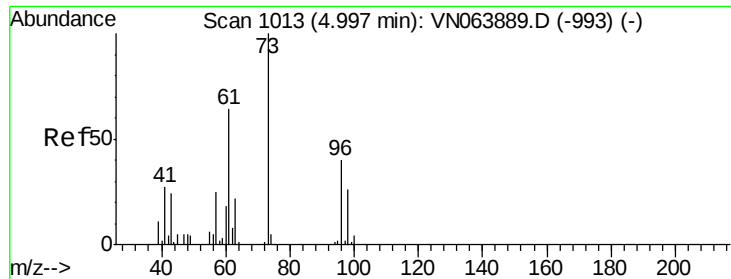
MMDadoda
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#18
Methylene Chloride
Concen: 19.432 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.8	97.8	146.8
51	42.3	30.7	46.1
86	60.8	51.5	77.3





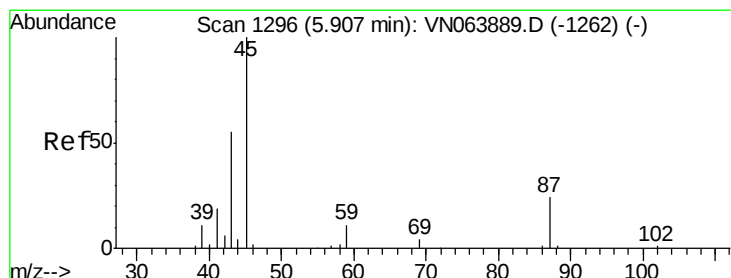
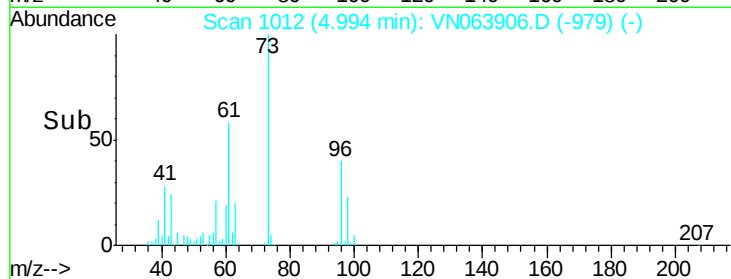
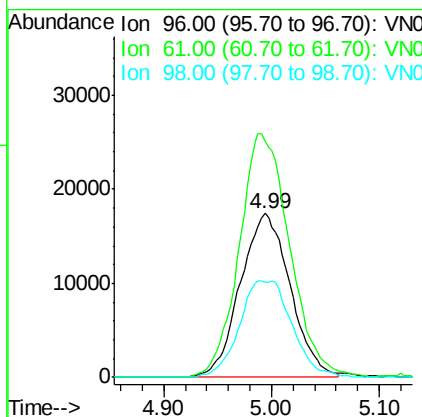
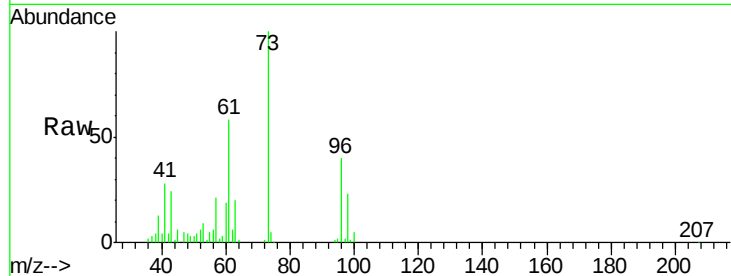
#19
trans-1,2-Dichloroethene
Concen: 18.667 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	115.9	173.9
98	58.0	53.3	79.9

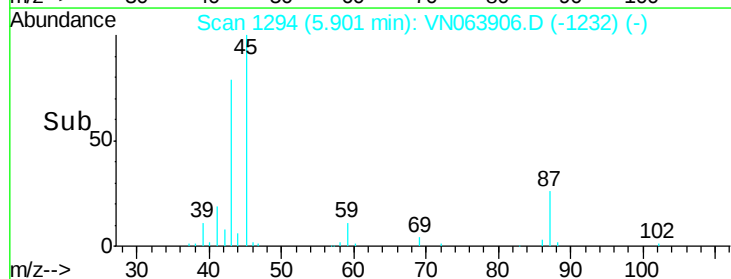
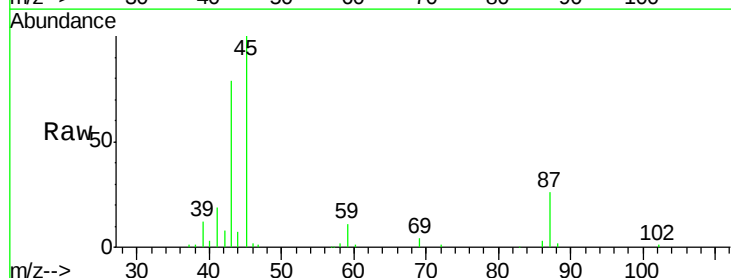
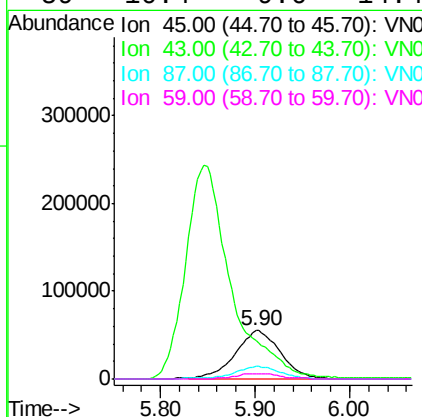
Manual Integrations
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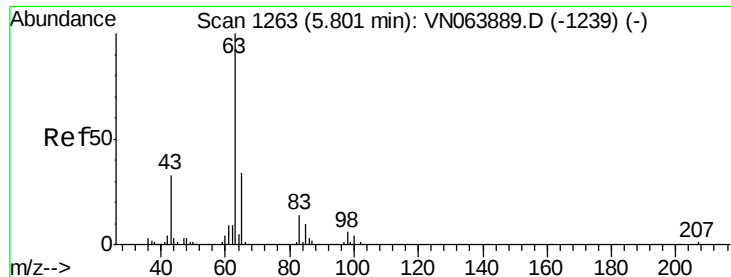
MMDadoda
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#20
Diisopropyl ether
Concen: 18.271 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.9	51.8	77.6
87	25.8	21.8	32.6
59	10.4	9.6	14.4





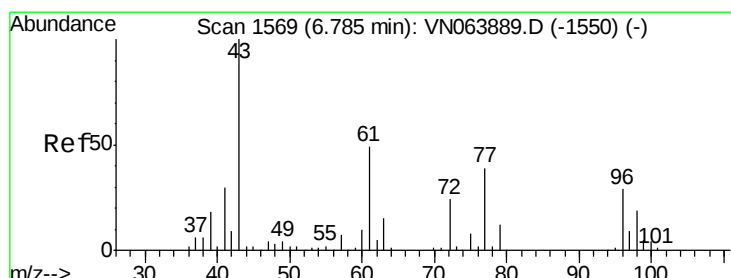
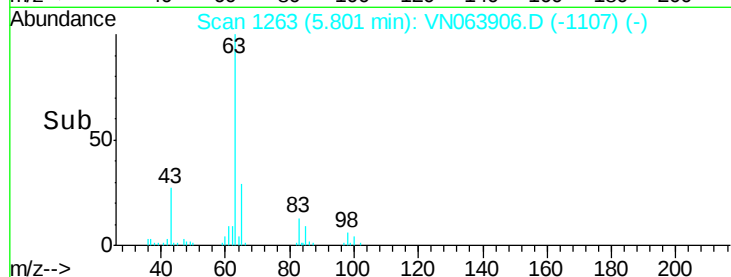
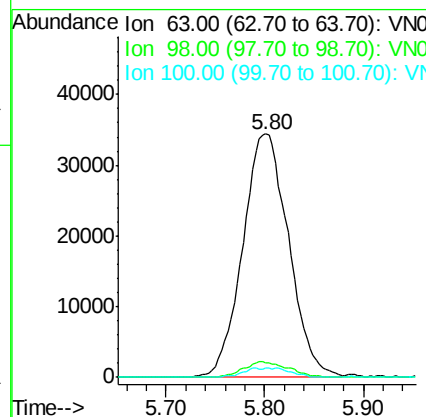
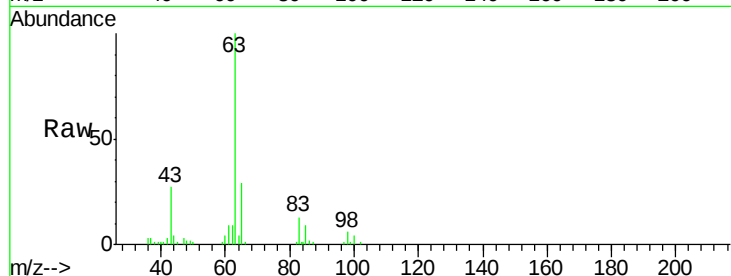
#21
 1,1-Dichloroethane
 Concen: 18.434 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.2	3.1	9.3
100	3.8	1.8	5.3

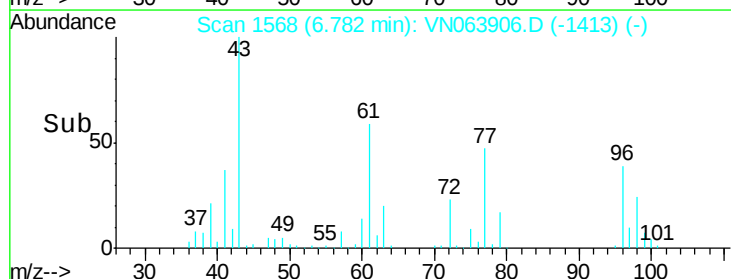
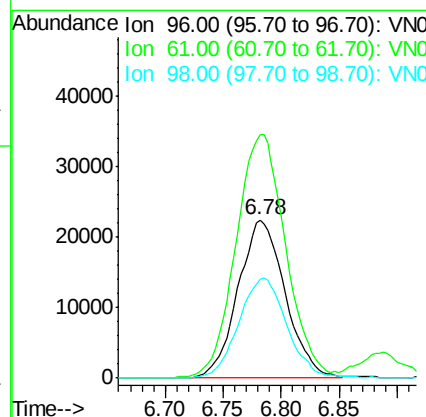
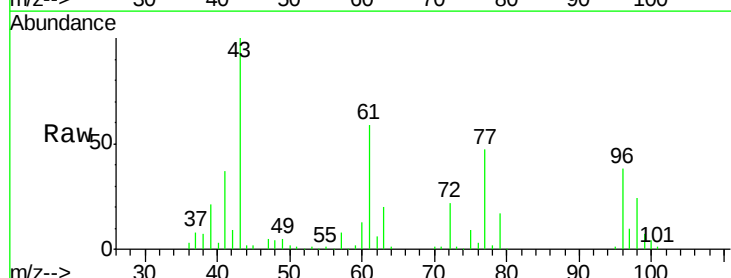
Manual Integrations
 APPROVED

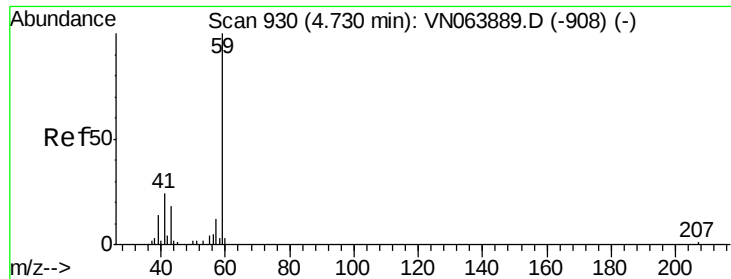
MMDadoda
 10/7/2020 12:11:52 PM



#22
 cis-1,2-Dichloroethene
 Concen: 18.676 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	162.0	120.9	181.3
98	64.3	50.3	75.5





#23

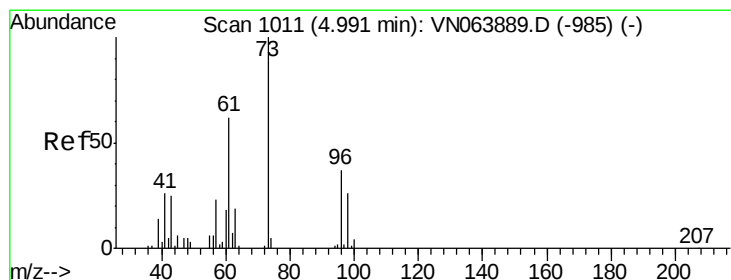
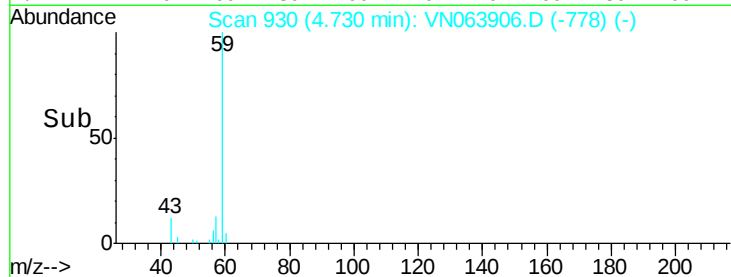
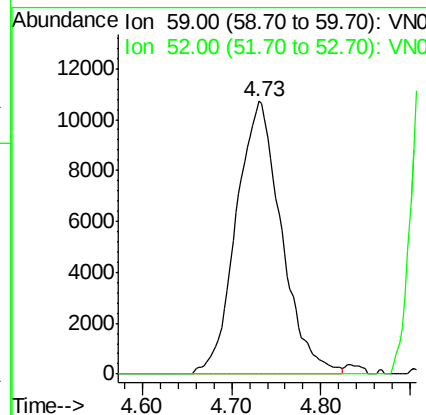
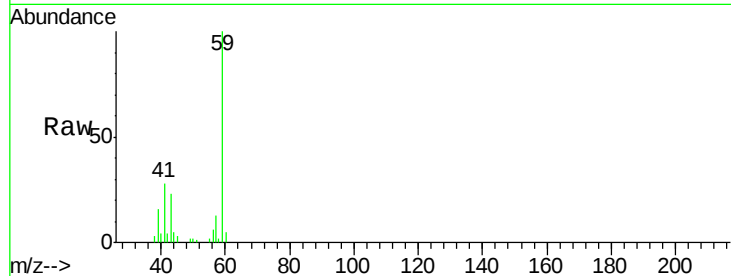
tert-Butyl Alcohol
 Concen: 65.232 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Manual Integrations
 APPROVED

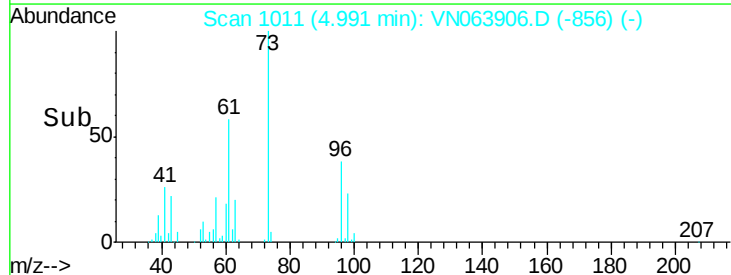
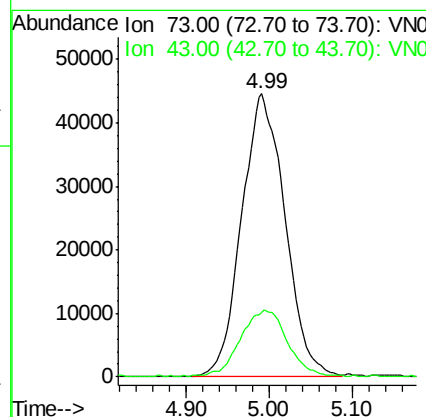
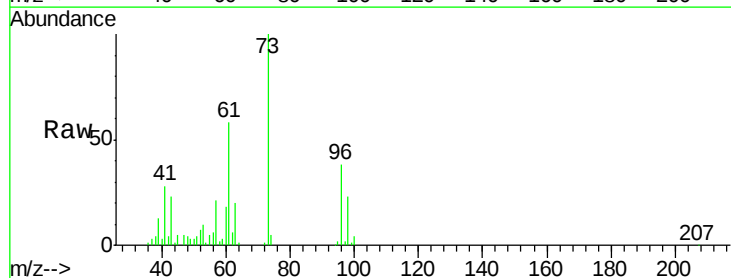
MMDadoda
 10/7/2020 12:11:52 PM

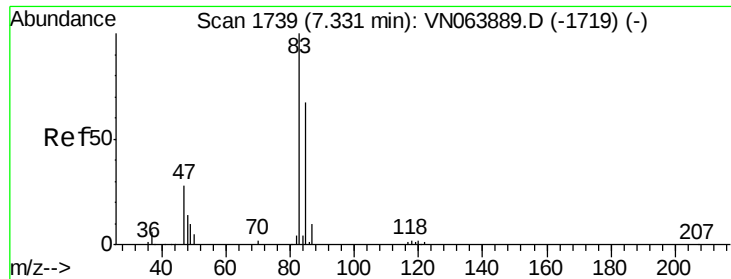


#24

Methyl tert-Butyl Ether
 Concen: 18.151 ug/l m
 RT: 4.99 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
73	100		
43	0.0	15.8	23.6#





#25

Chloroform

Concen: 18.704 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion: 83 Resp: 117884

Ion Ratio Lower Upper

83 100

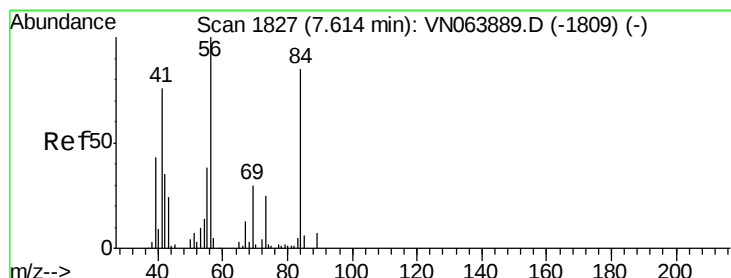
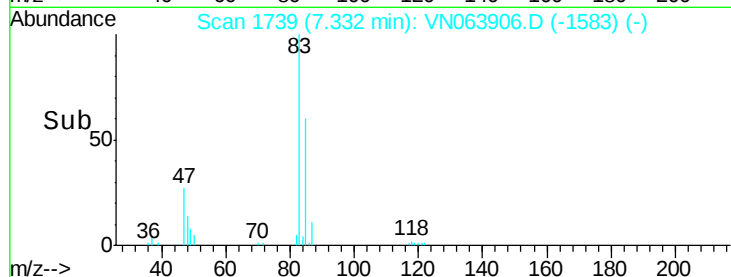
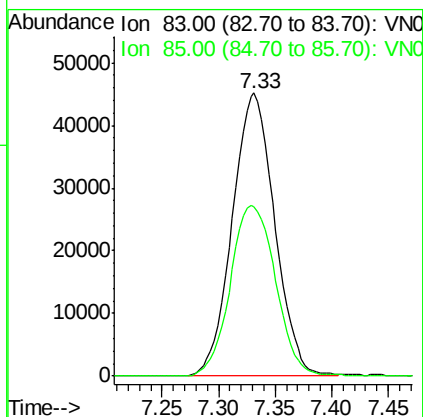
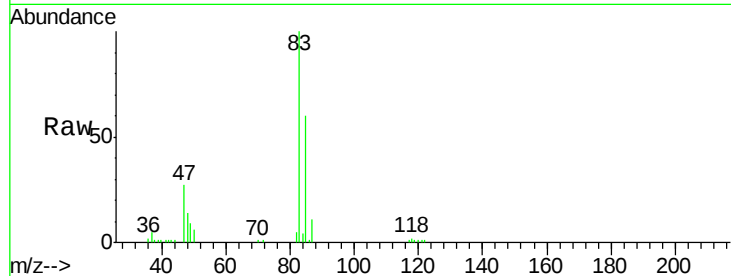
85 59.8 51.0 76.4

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#26

Cyclohexane

Concen: 17.079 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

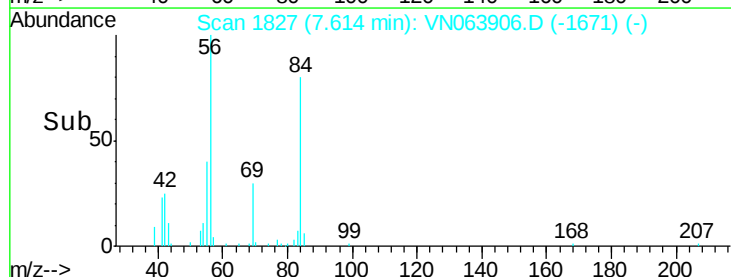
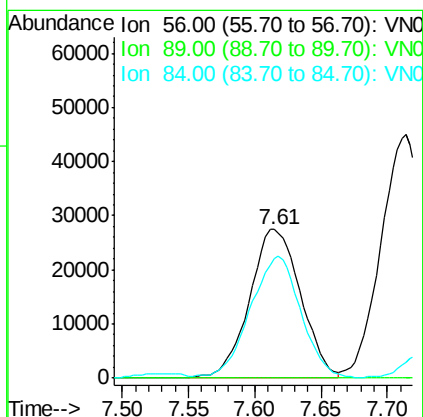
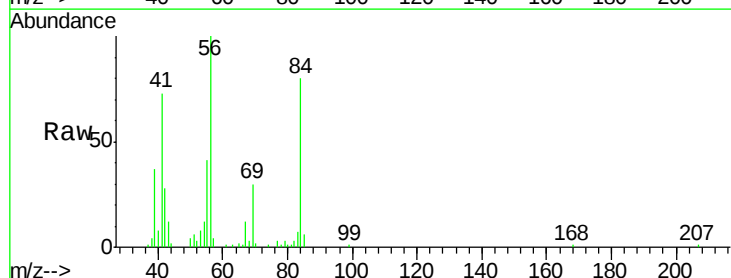
Tgt Ion: 56 Resp: 73945

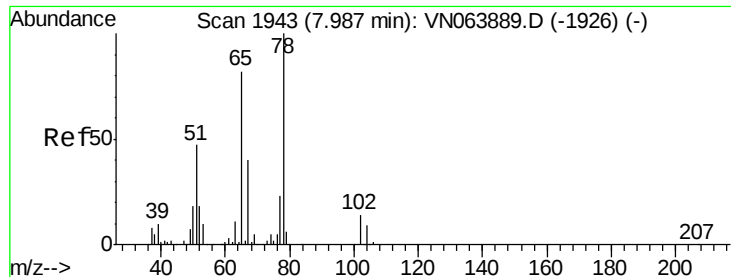
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 80.8 65.0 97.4





#27

1,2-Dichloroethane-d4

Concen: 31.017 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion: 65 Resp: 137758

Ion Ratio Lower Upper

65 100

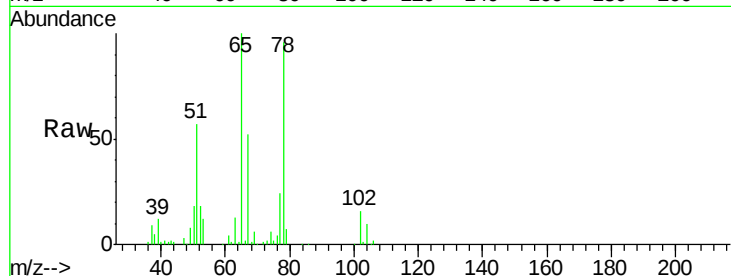
67 50.2 43.8 65.6

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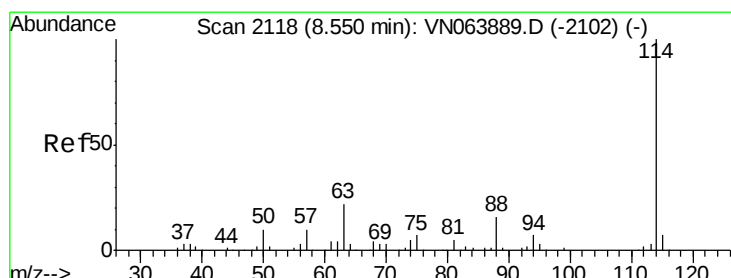
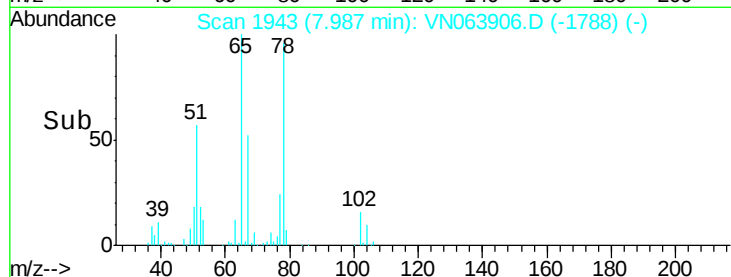
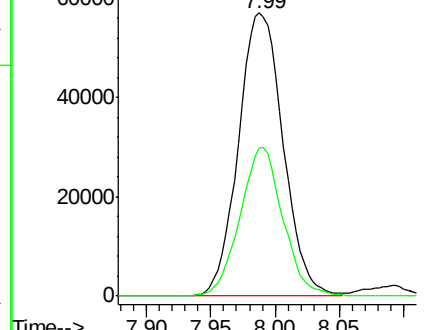
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Abundance Ion 65.00 (64.70 to 65.70): VN063889.D (-1926) (-)

Ion 67.00 (66.70 to 67.70): VN063889.D (-1926) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

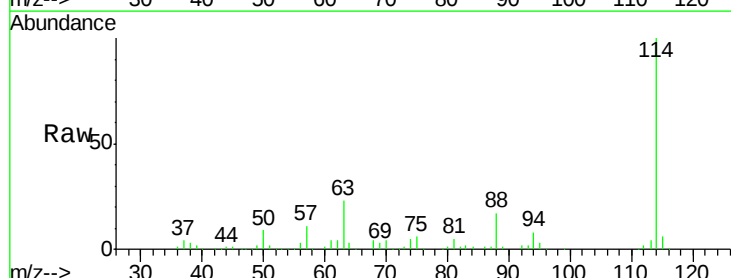
Tgt Ion: 114 Resp: 261754

Ion Ratio Lower Upper

114 100

63 23.0 17.0 25.6

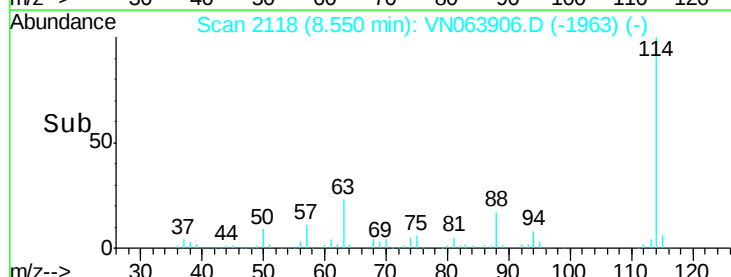
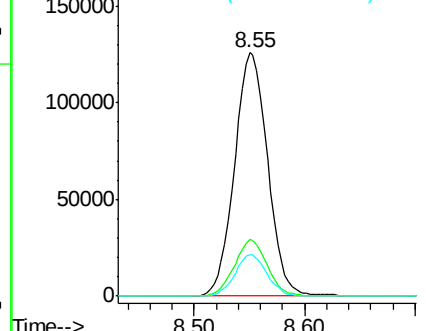
88 16.4 12.6 18.8

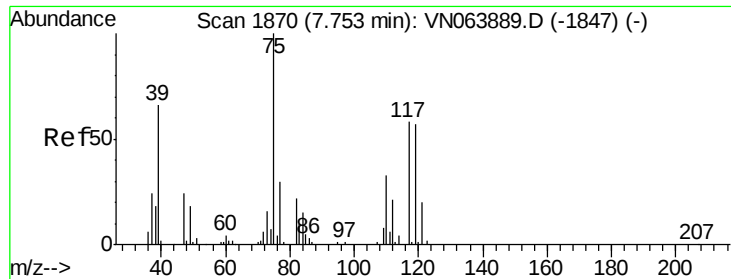


Abundance Ion 114.00 (113.70 to 114.70): VN063889.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN063889.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN063889.D (-2102) (-)





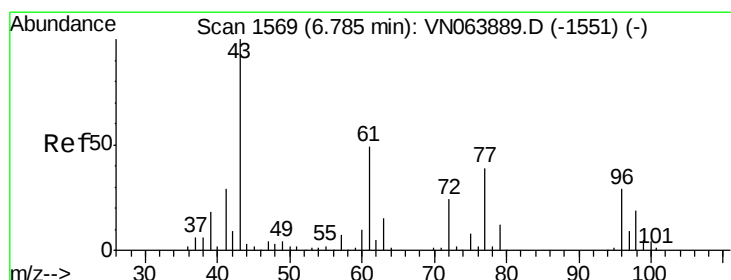
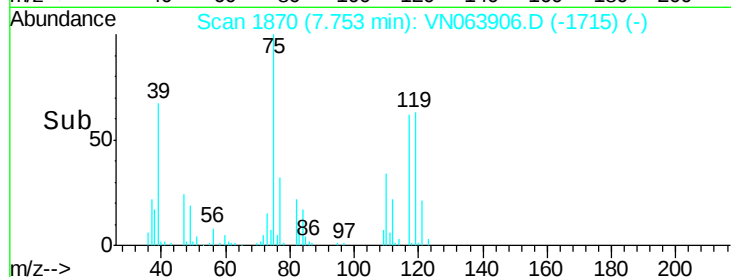
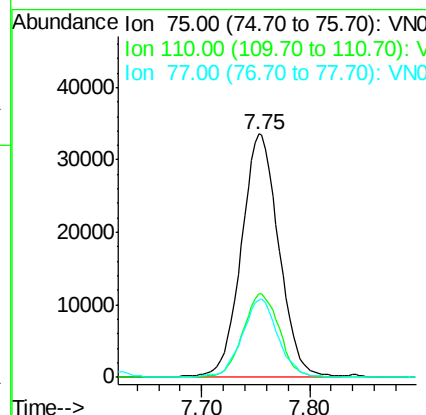
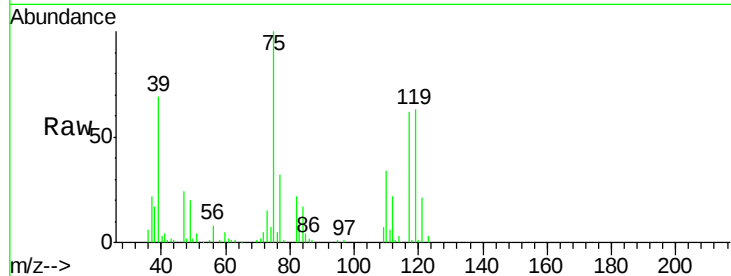
#29
 1,1-Dichloropropene
 Concen: 17.700 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.4	0.0	70.6
77	31.0	0.0	60.2

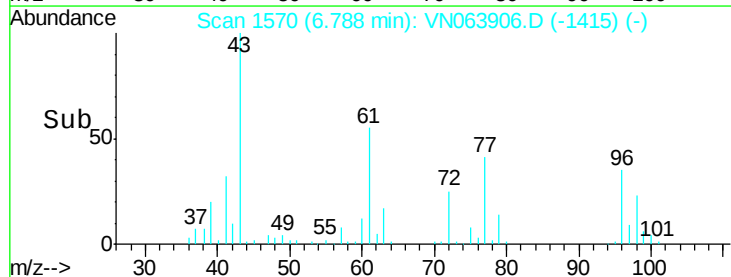
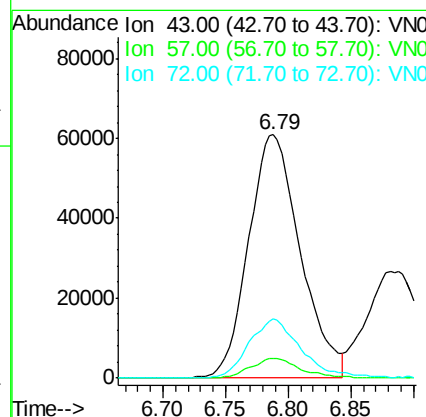
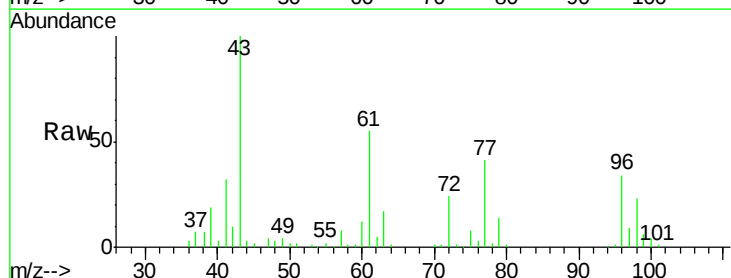
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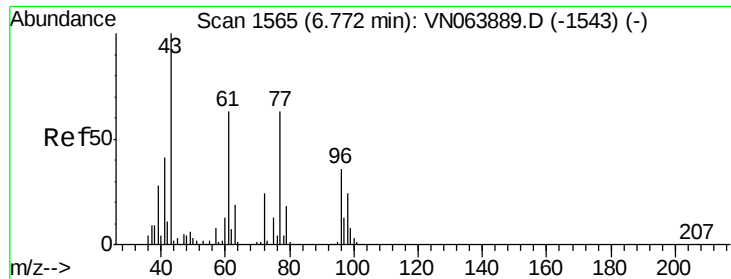
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#30
 2-Butanone
 Concen: 77.273 ug/l
 RT: 6.79 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.6	9.8
72	24.3	21.3	31.9





#31

2,2-Dichloropropane

Concen: 17.046 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion: 77 Resp: 93379

Ion Ratio Lower Upper

77 100

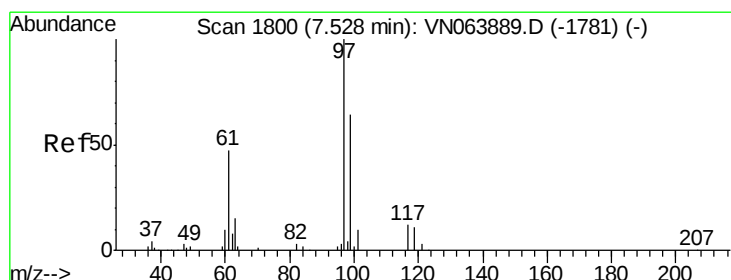
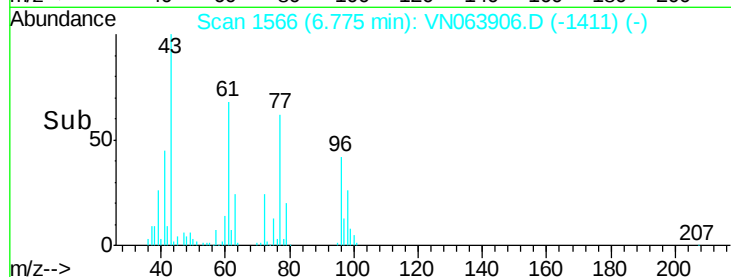
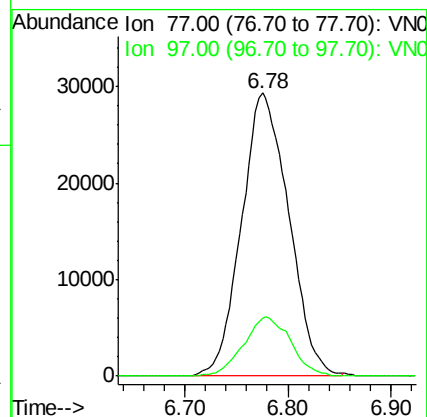
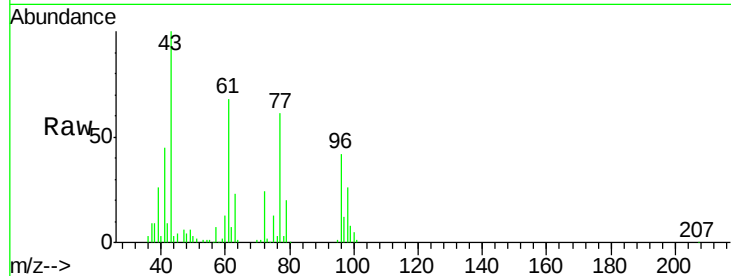
97 20.8 18.2 27.4

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#32

1,1,1-Trichloroethane

Concen: 18.155 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

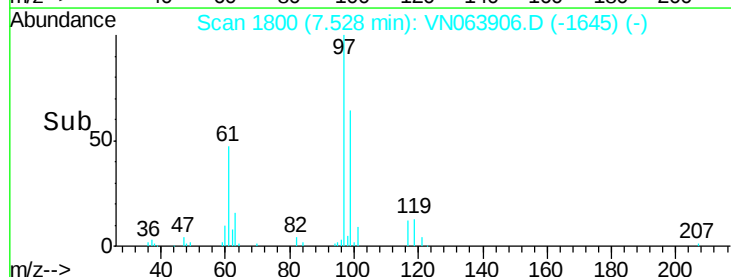
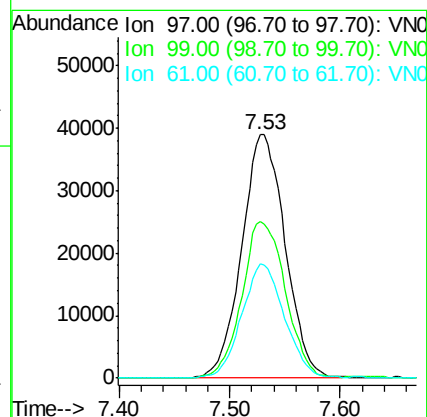
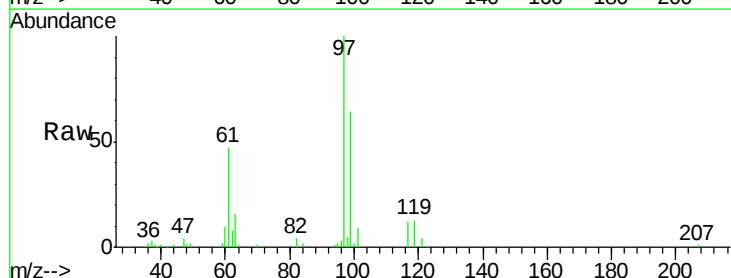
Tgt Ion: 97 Resp: 106167

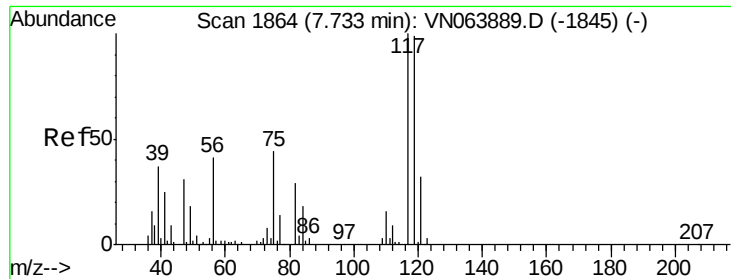
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 46.2 35.3 52.9





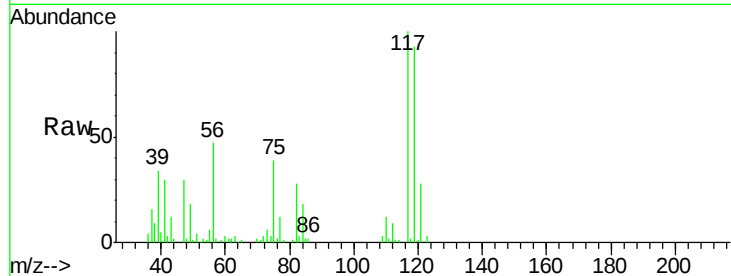
#33
Carbon Tetrachloride
Concen: 17.489 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

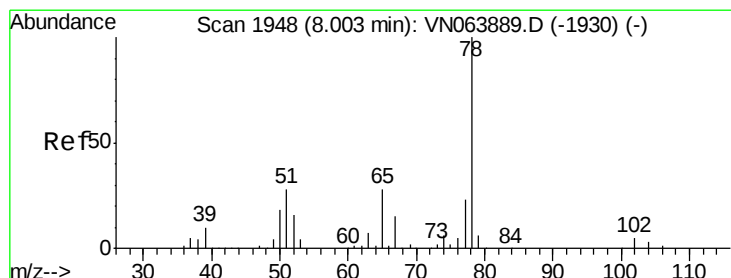
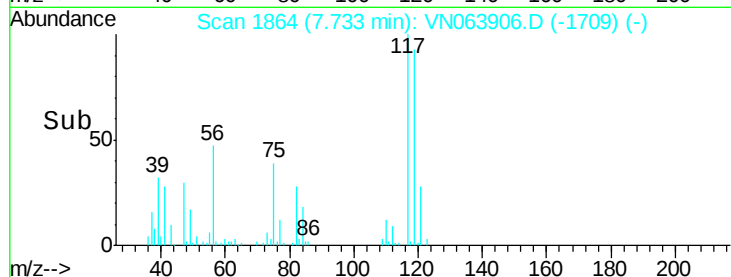
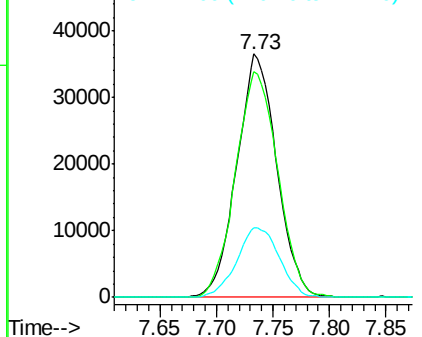
Tot Ion	Ratio	Lower	Upper
117	100		
119	92.6	73.0	109.4
121	28.5	24.9	37.3

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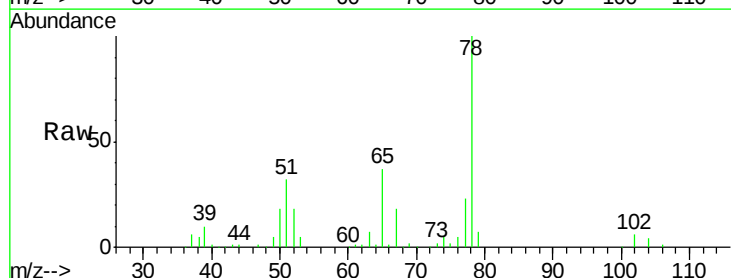


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

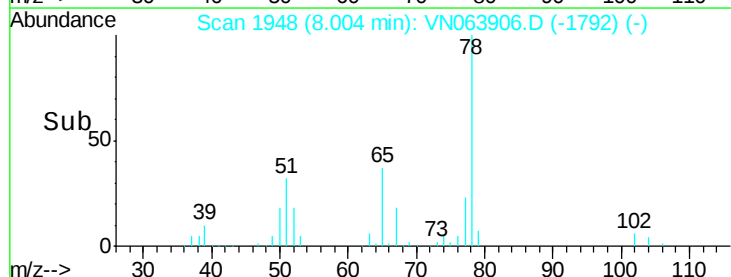
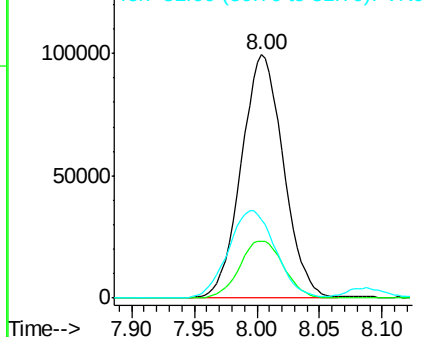


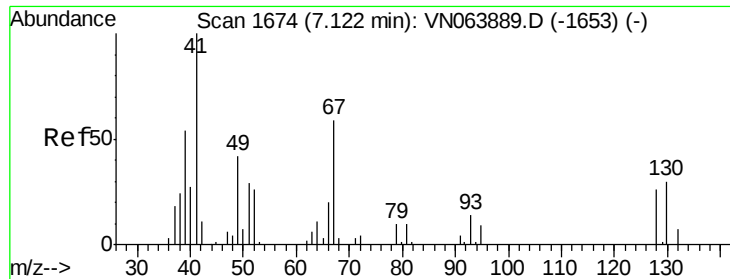
#34
Benzene
Concen: 17.889 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8
51	32.2	22.2	33.2



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V





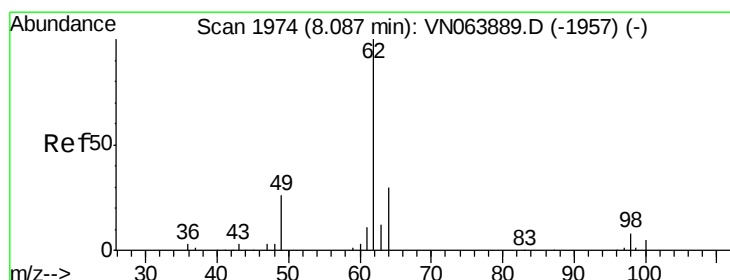
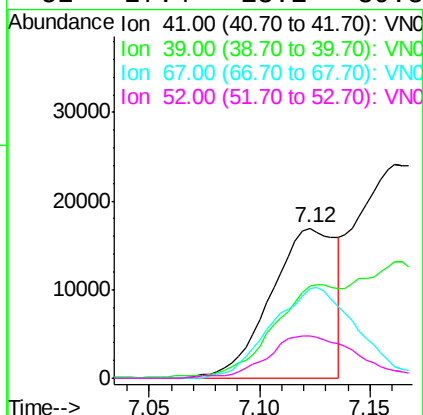
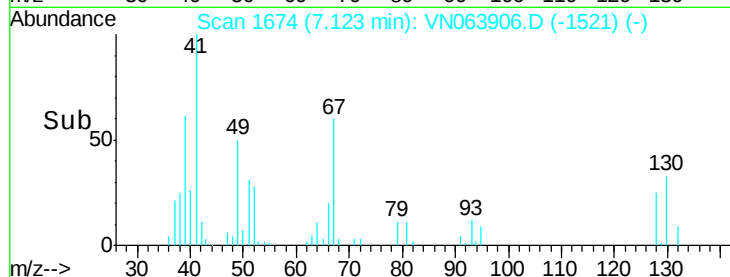
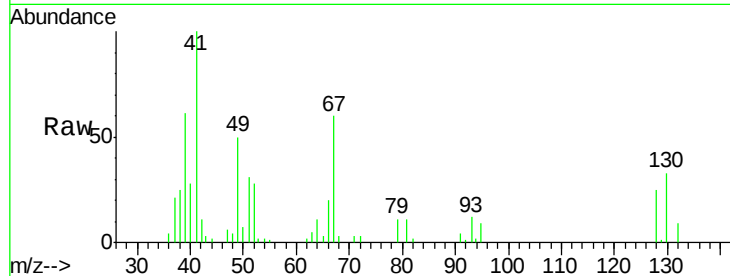
#35
Methacrylonitrile
Concen: 16.232 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion	41	Resp	34686
Ion Ratio	Lower	Upper	
41	100		
39	59.7	23.7	71.1
67	60.0	31.6	94.7
52	27.4	13.1	39.3

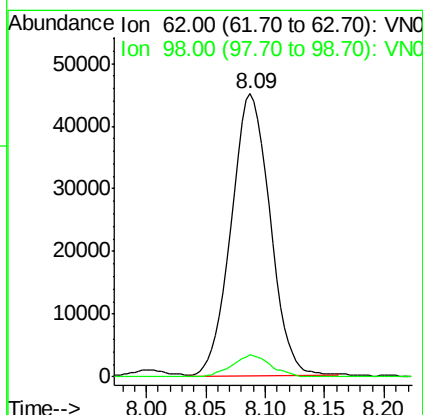
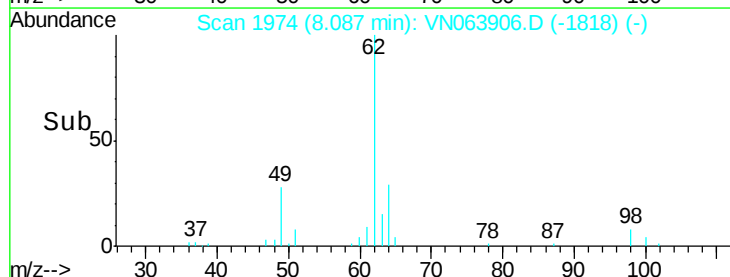
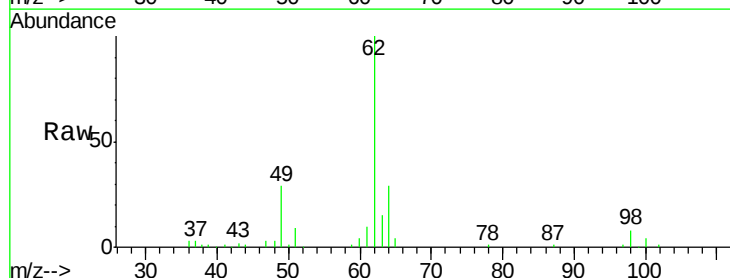
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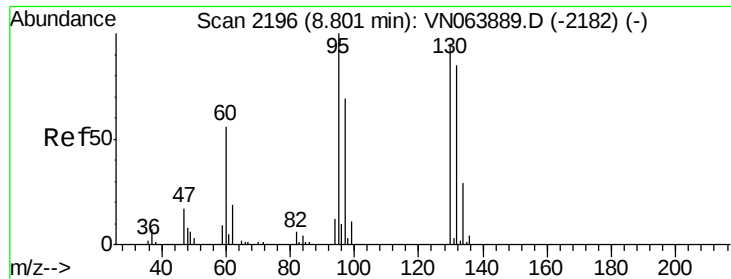
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#36
1,2-Dichloroethane
Concen: 17.797 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	62	Resp	101907
Ion Ratio	Lower	Upper	
62	100		
98	7.7	7.6	11.4





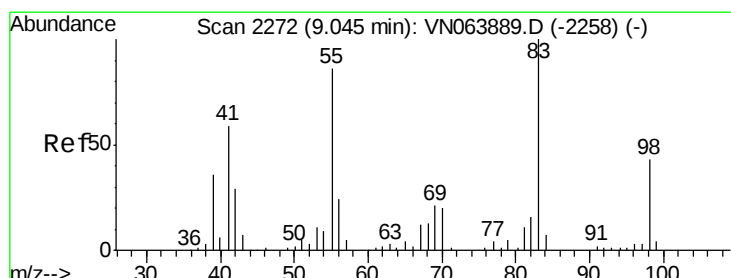
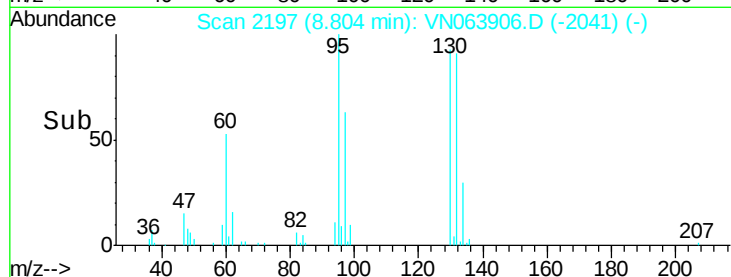
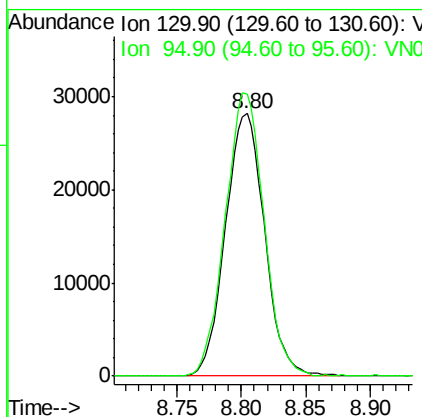
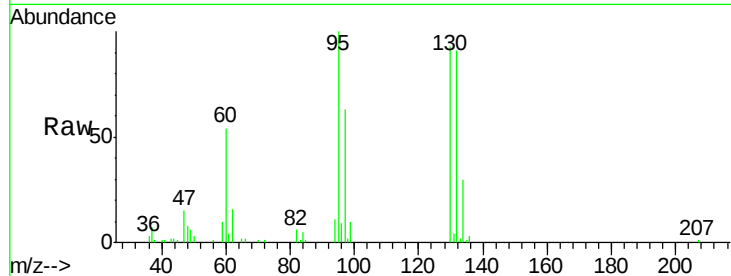
#37
 Trichloroethene
 Concen: 17.430 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion:130 Resp: 59519
 Ion Ratio Lower Upper
 130 100
 95 107.2 78.9 118.3

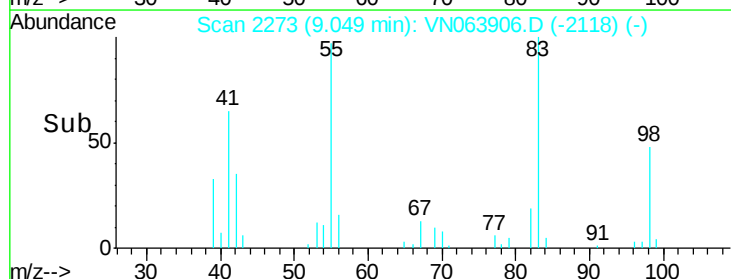
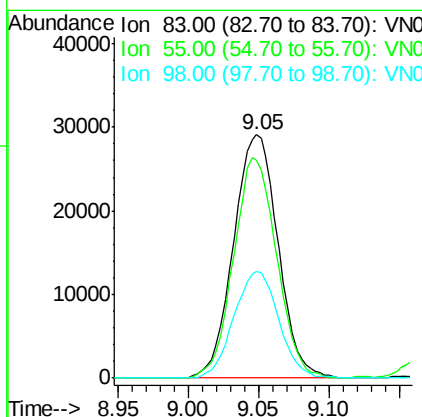
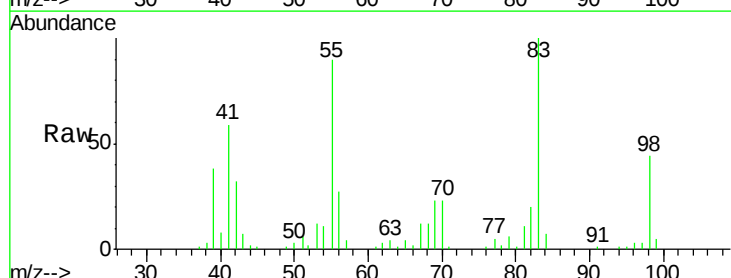
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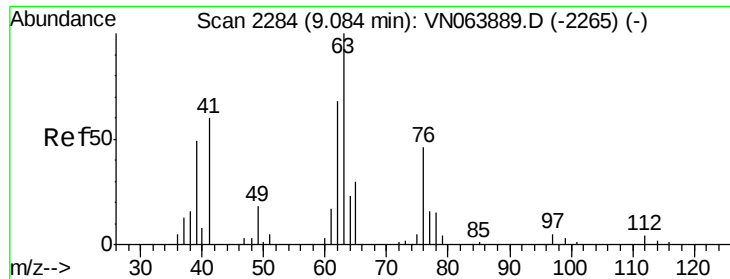
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#38
 Methylcyclohexane
 Concen: 16.589 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 83 Resp: 64207
 Ion Ratio Lower Upper
 83 100
 55 87.6 41.9 125.7
 98 43.9 22.2 66.6





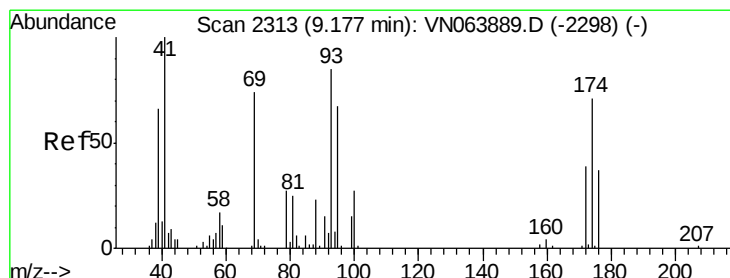
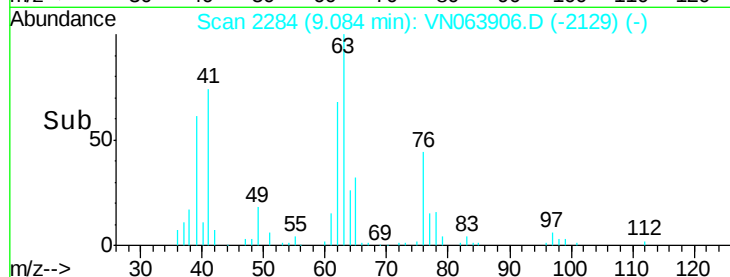
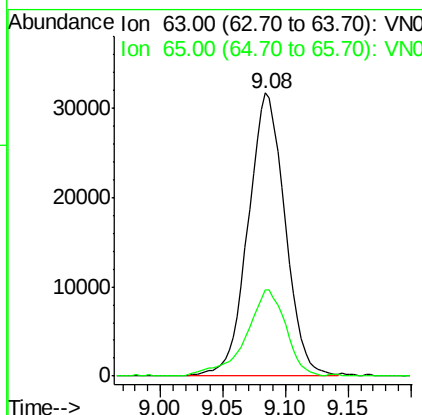
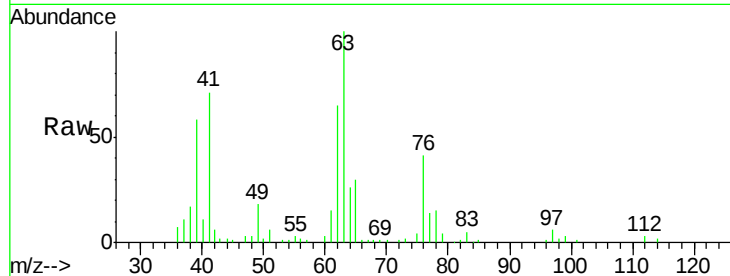
#39
 1,2-Dichloropropane
 Concen: 18.368 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion: 63 Resp: 65045
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.1 37.7

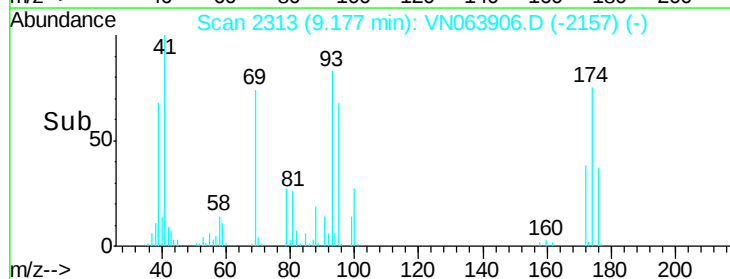
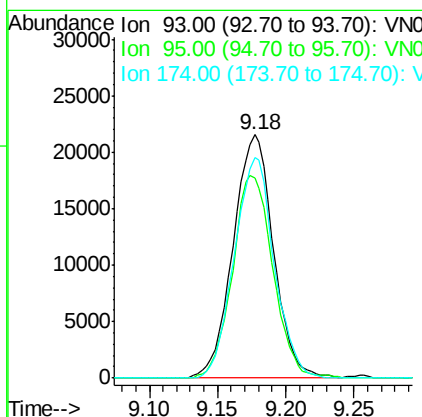
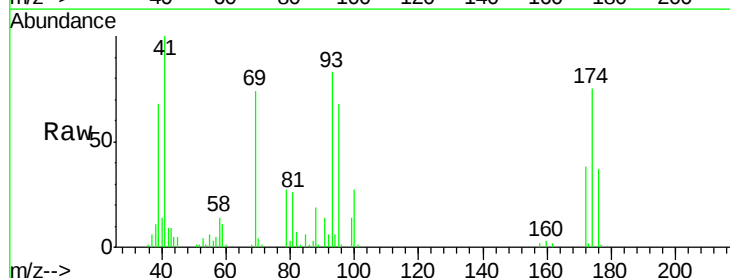
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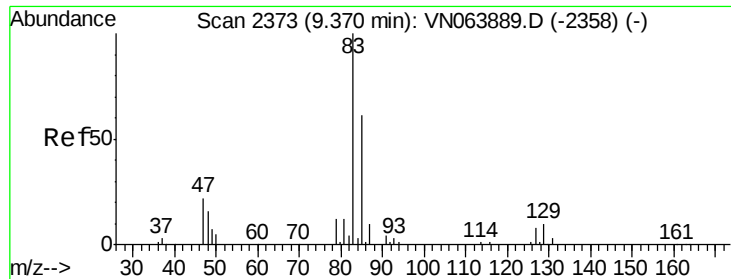
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#40
 Dibromomethane
 Concen: 17.948 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 93 Resp: 44389
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 168.2
 174 89.1 0.0 208.4





#41

Bromodichloromethane

Concen: 17.859 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

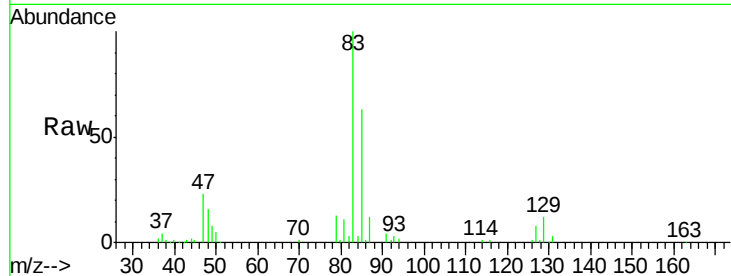
ClientSampleId :

VN1006WBS03

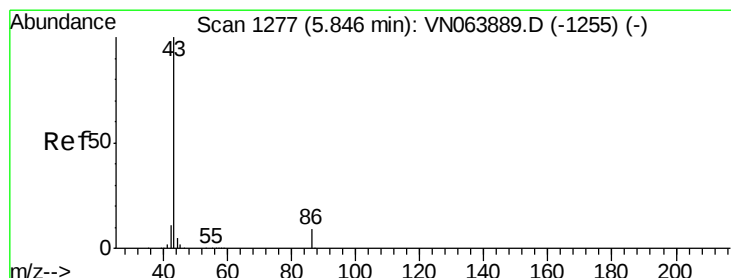
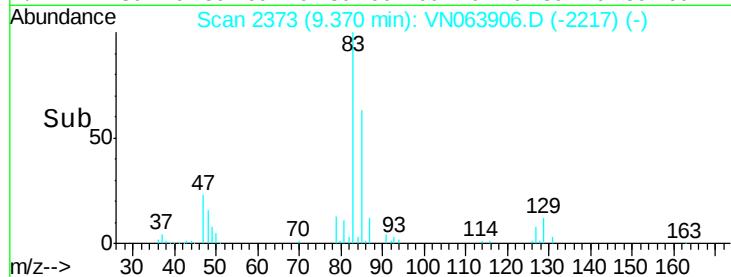
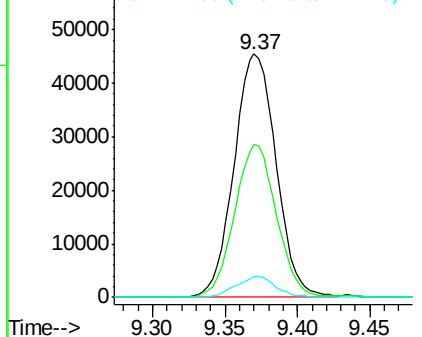
Tot Ion:	83	Resp:	91801
Ion Ratio	Lower	Upper	
83	100		
85	62.7	52.6	79.0
127	8.4	7.4	11.0

Manual Integrations
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Abundance Ion 83.00 (82.70 to 83.70): VN063906.D (-2217) (-)
Ion 85.00 (84.70 to 85.70): VN063906.D (-2217) (-)
Ion 127.00 (126.70 to 127.70): VN063906.D (-2217) (-)



#42

Vinyl Acetate

Concen: 87.495 ug/l

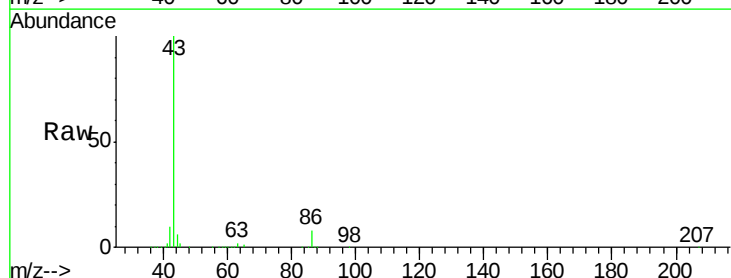
RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

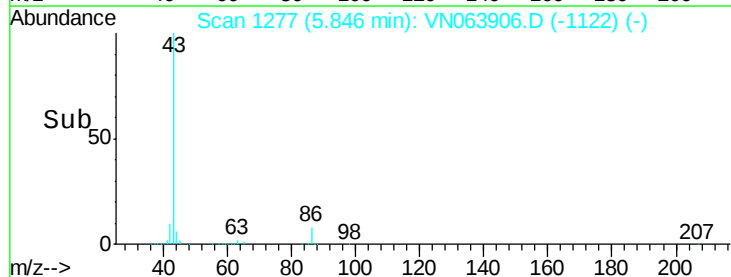
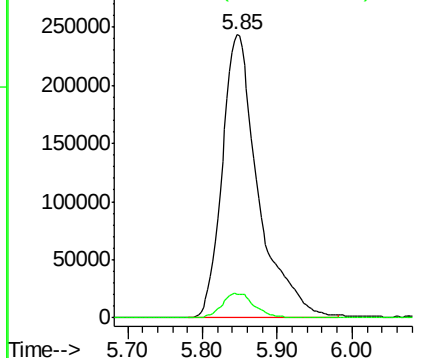
Lab File: VN063906.D

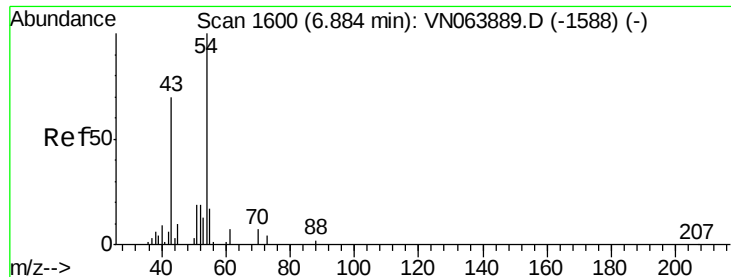
Acq: 6 Oct 2020 20:19

Tgt Ion:	43	Resp:	816404
Ion Ratio	Lower	Upper	
43	100		
86	7.8	6.7	10.1



Abundance Ion 43.00 (42.70 to 43.70): VN063906.D (-1122) (-)
Ion 86.00 (85.70 to 86.70): VN063906.D (-1122) (-)





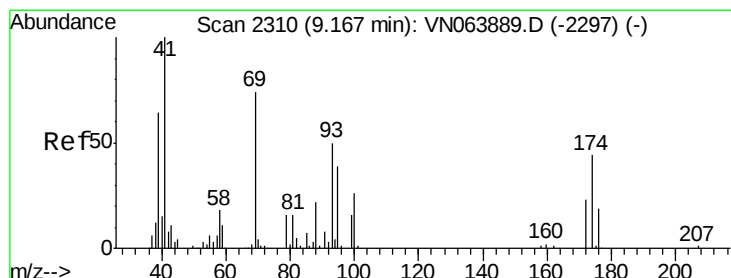
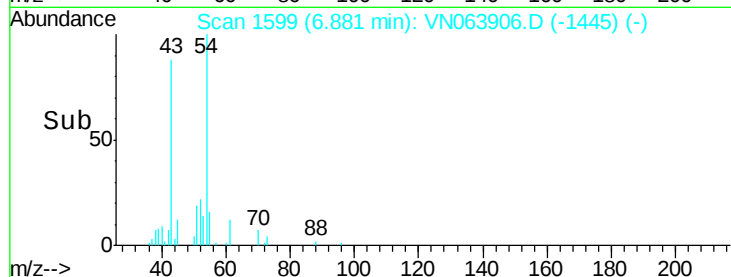
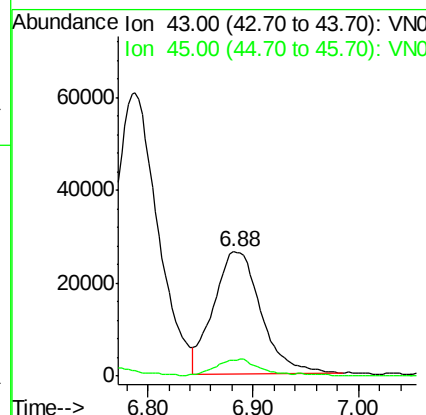
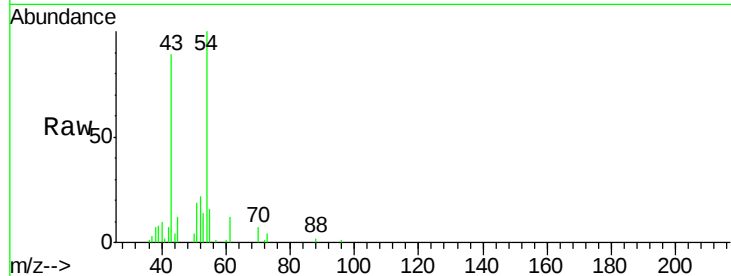
#43
Ethyl Acetate
Concen: 17.139 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion: 43 Resp: 82517
Ion Ratio Lower Upper
43 100
45 11.9 11.3 16.9

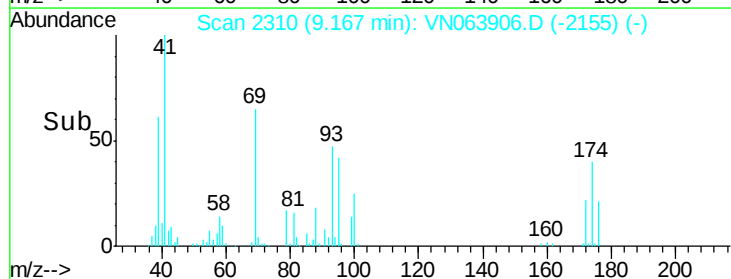
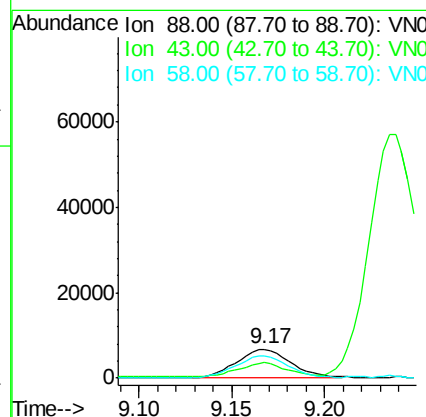
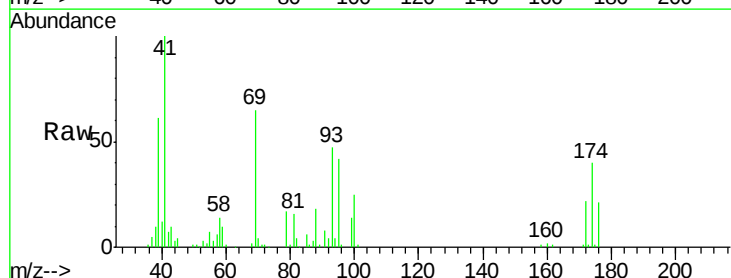
Manual Integrations
APPROVED

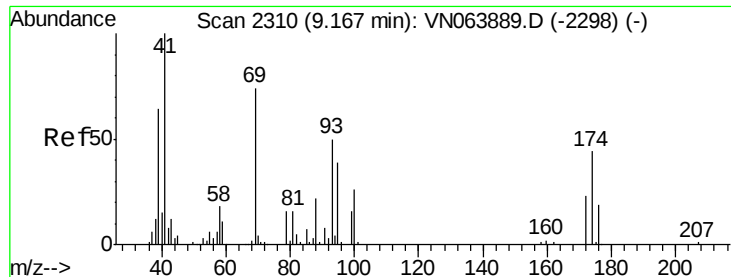
MMDadoda
10/7/2020 12:11:52 PM



#45
1,4-Dioxane
Concen: 271.341 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 88 Resp: 13881
Ion Ratio Lower Upper
88 100
43 44.0 28.5 42.7#
58 75.2 59.6 89.4





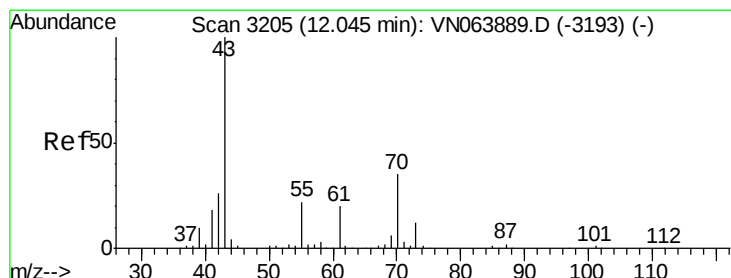
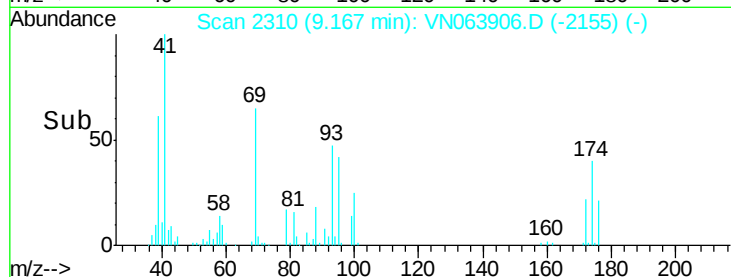
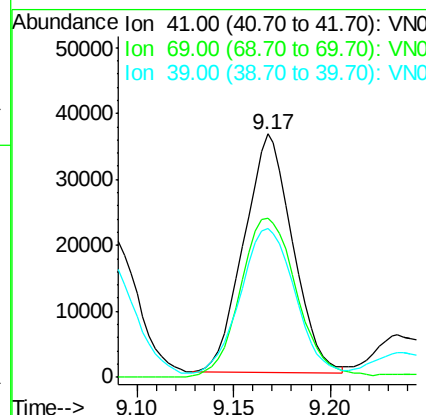
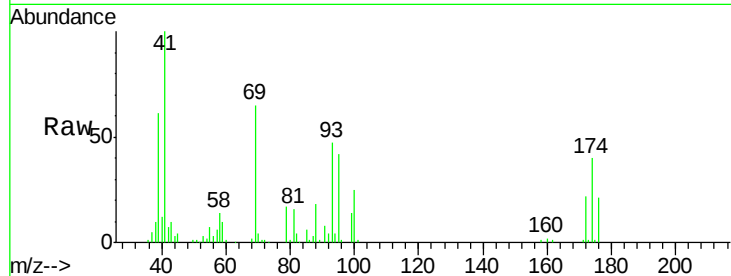
#46
Methvl methacrylate
Concen: 16.068 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion	Ratio	Lower	Upper
41	100		
69	65.9	42.6	128.0
39	60.5	25.1	75.4

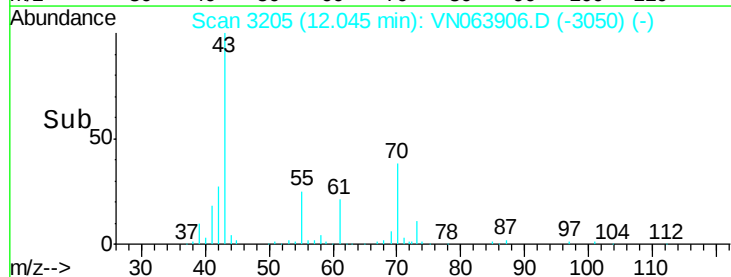
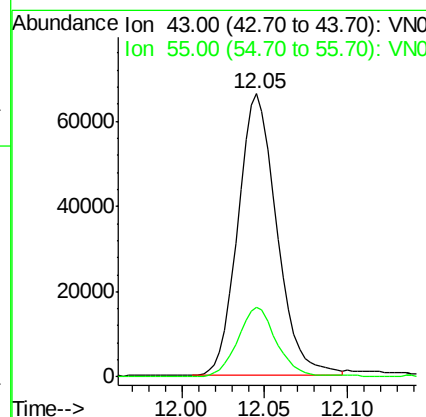
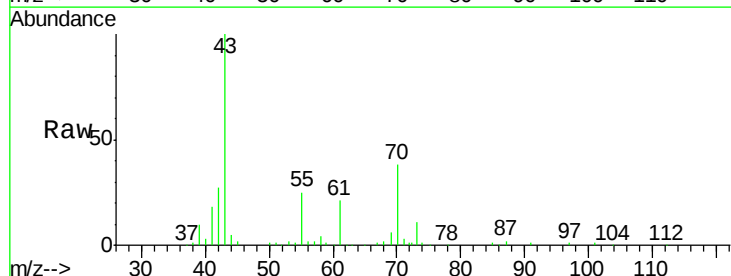
Manual Integrations
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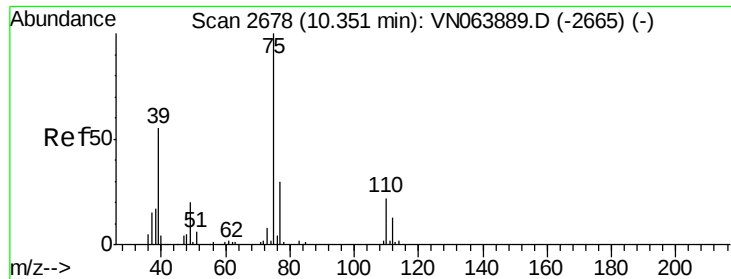
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#47
n-amy1 Acetate
Concen: 15.244 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
55	24.4	21.2	31.8





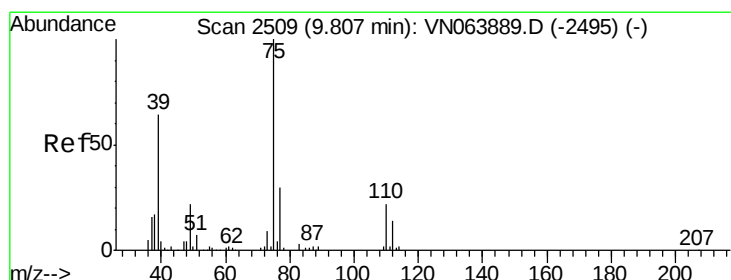
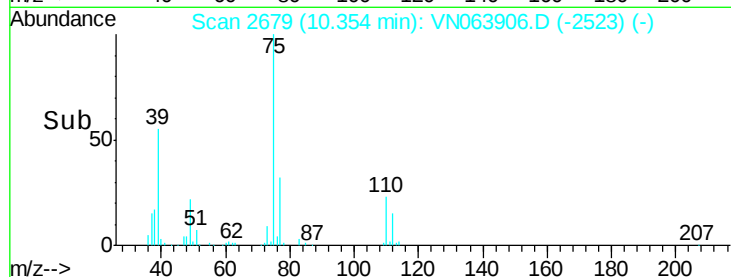
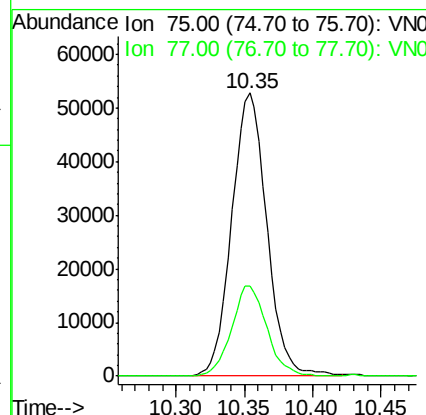
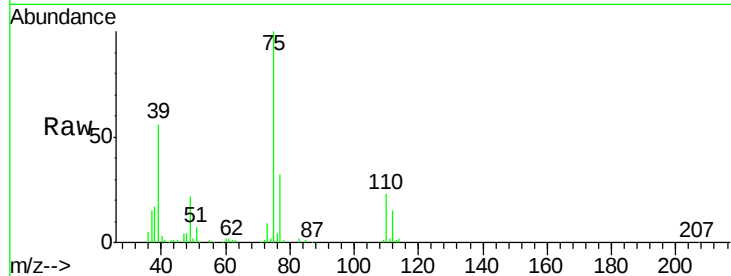
#48
t-1,3-Dichloropropene
Concen: 16.992 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion: 75 Resp: 94384
Ion Ratio Lower Upper
75 100
77 31.8 23.8 35.8

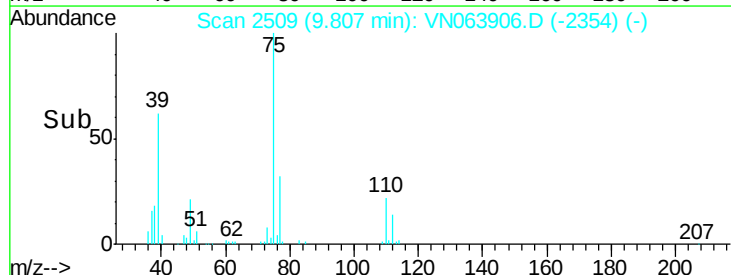
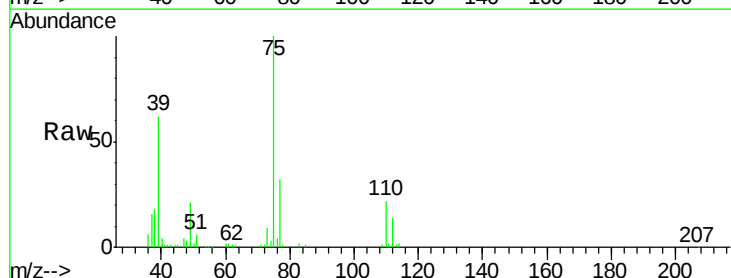
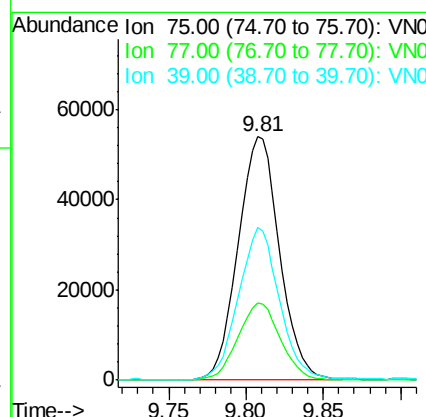
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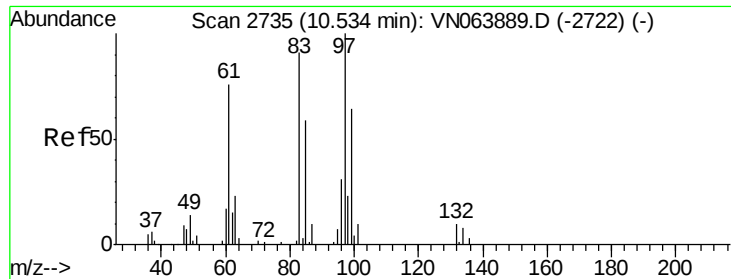
MMDadoda
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#49
cis-1,3-Dichloropropene
Concen: 17.470 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 75 Resp: 100629
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 62.1 34.5 51.7#





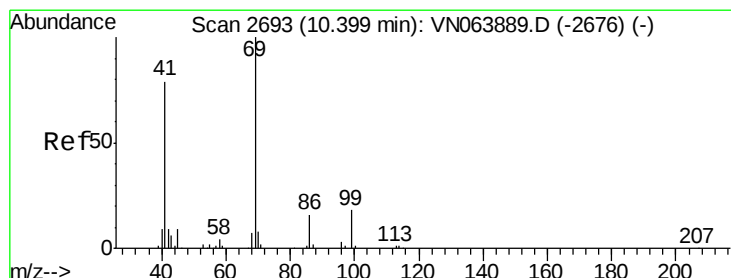
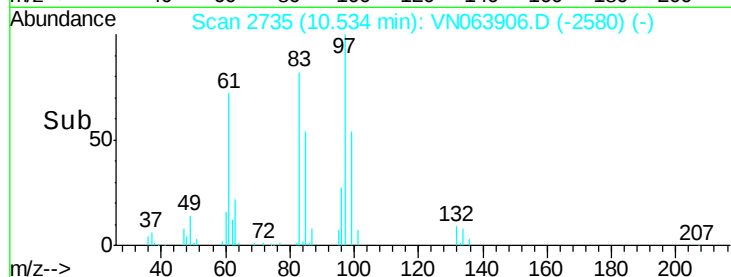
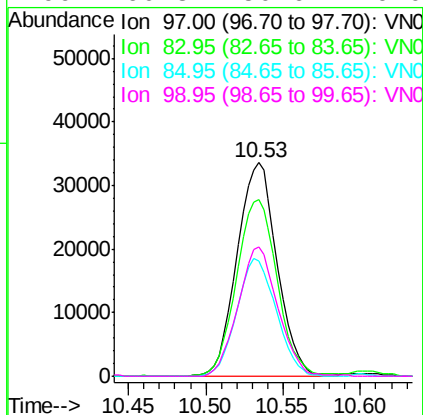
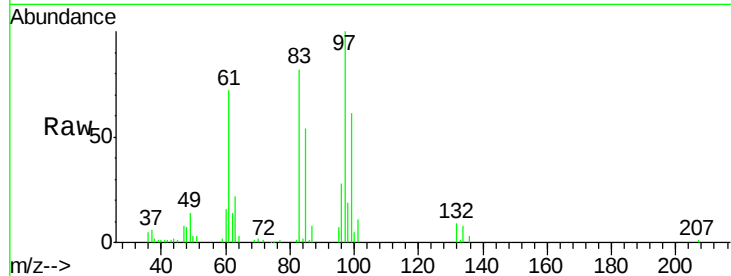
#50
 1,1,2-Trichloroethane
 Concen: 18.272 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS03

Tot Ion:	97	Resp:	60344
Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.9	104.9
85	53.7	44.0	66.0
99	60.8	50.6	76.0

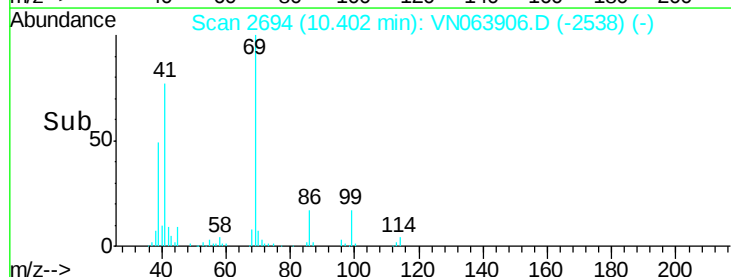
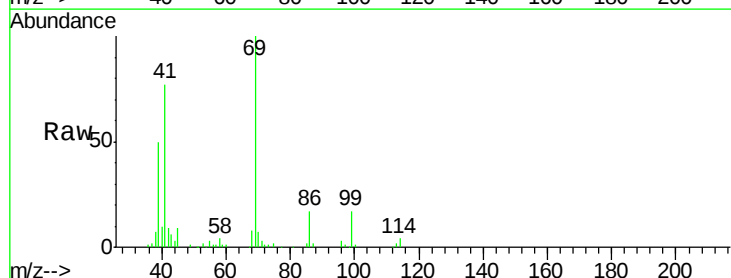
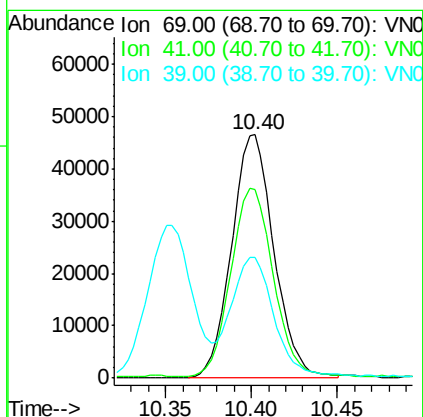
Manual Integrations
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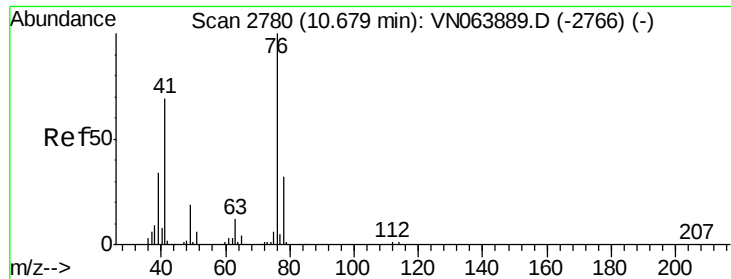
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#51
 Ethyl methacrylate
 Concen: 16.649 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion:	69	Resp:	79752
Ion	Ratio	Lower	Upper
69	100		
41	76.6	32.1	96.5
39	48.0	16.1	48.3





#52

1,3-Dichloropropane

Concen: 17.879 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion: 76 Resp: 101145

Ion Ratio Lower Upper

76 100

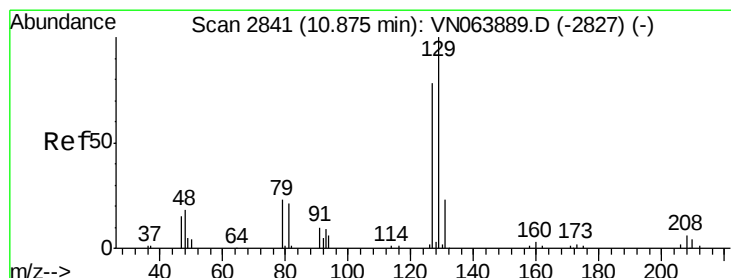
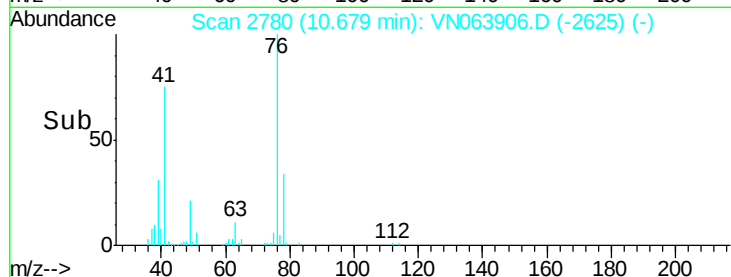
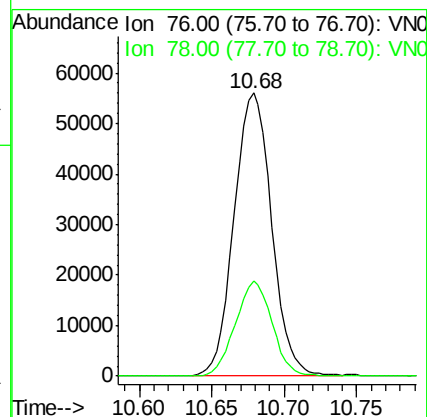
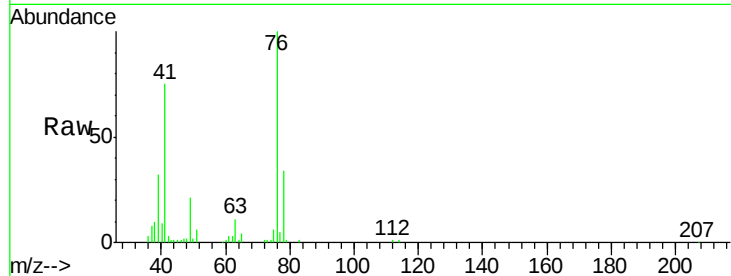
78 32.8 0.0 63.2

Manual Integrations

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#53

Dibromochloromethane

Concen: 17.054 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063906.D

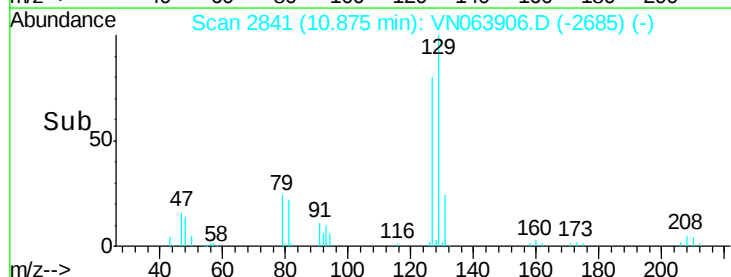
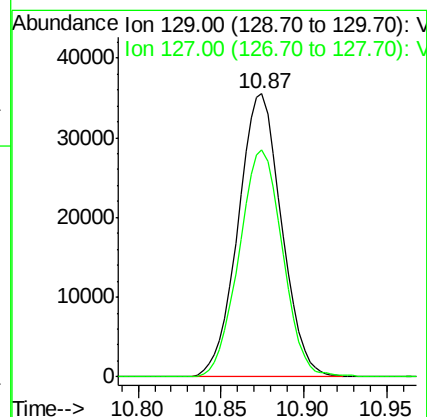
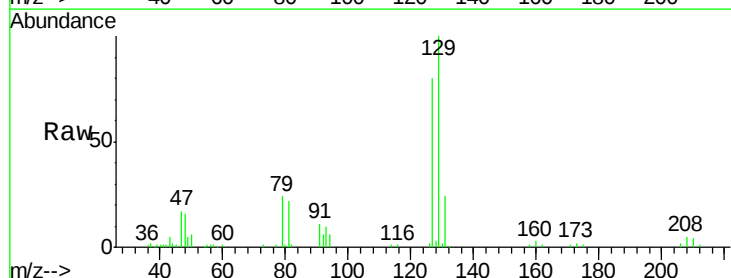
Acq: 6 Oct 2020 20:19

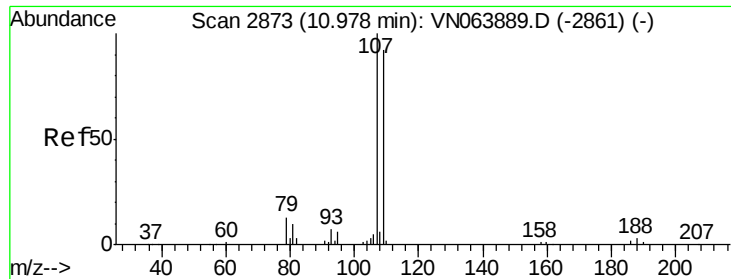
Tgt Ion: 129 Resp: 64823

Ion Ratio Lower Upper

129 100

127 80.2 38.7 116.1





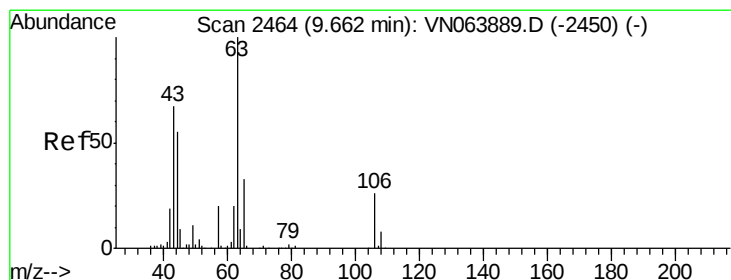
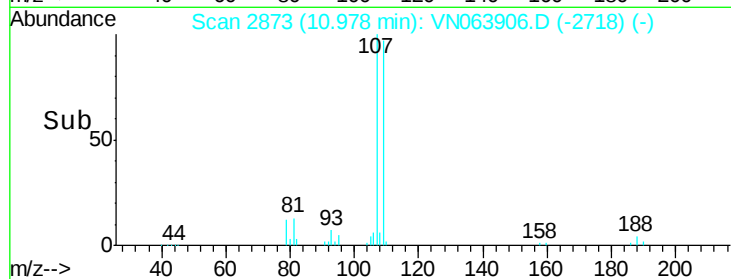
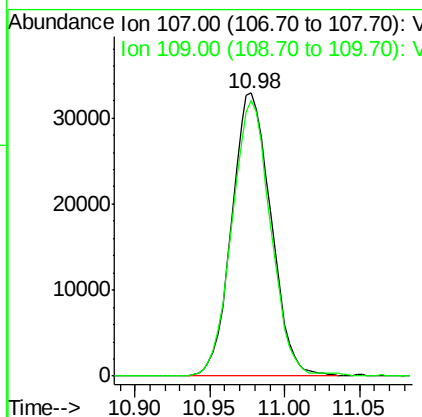
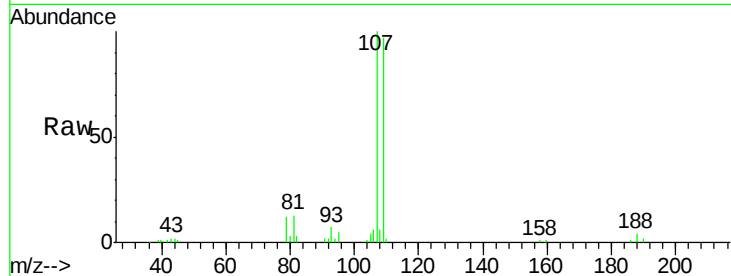
#54
 1,2-Dibromoethane
 Concen: 17.352 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion:107 Resp: 60083
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.3 114.5

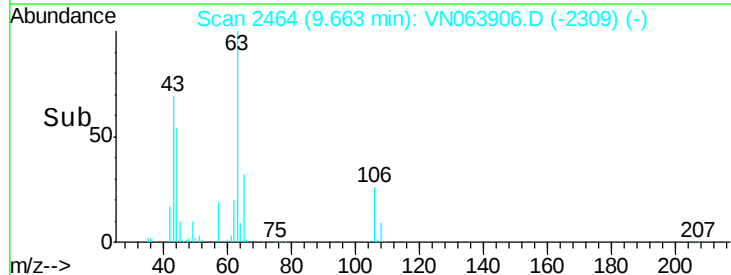
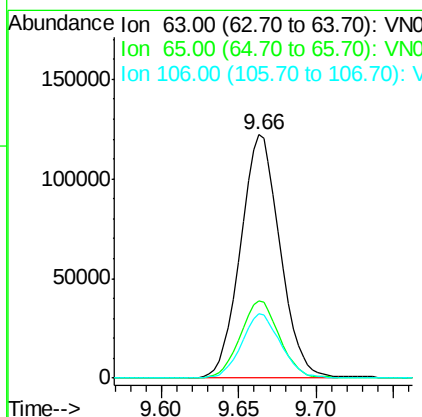
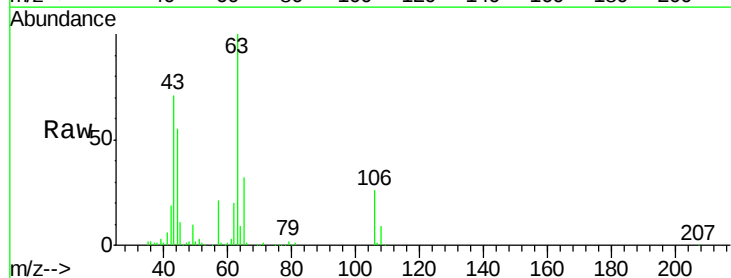
Manual Integrations
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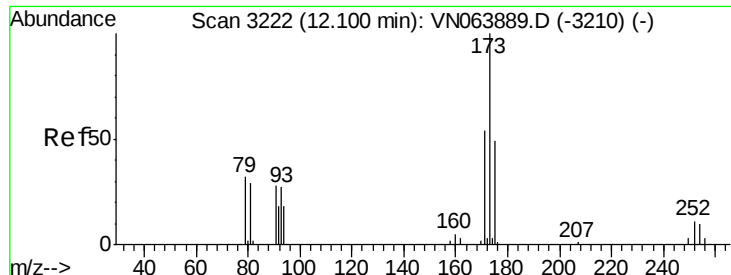
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#55
 2-Chloroethyl vinyl ether
 Concen: 84.950 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 63 Resp: 217154
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.9 38.9
 106 26.2 19.9 29.9





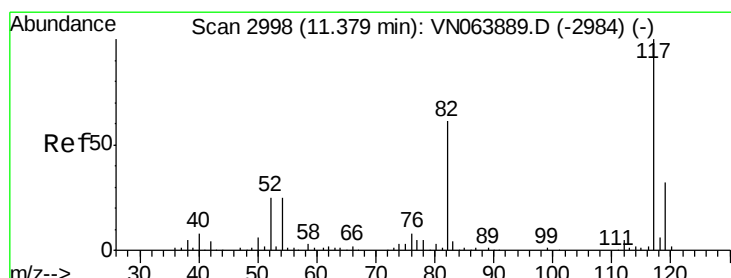
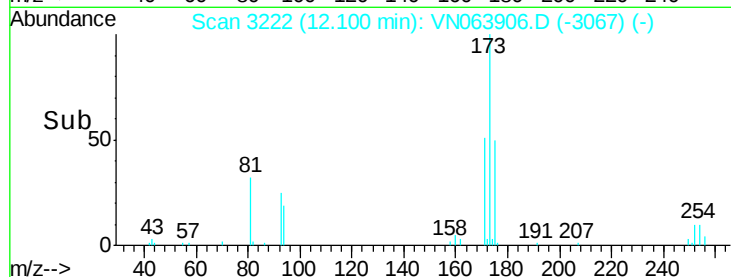
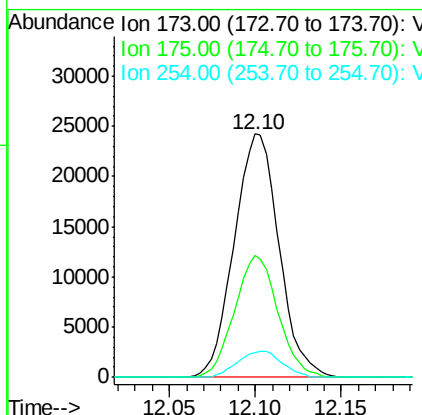
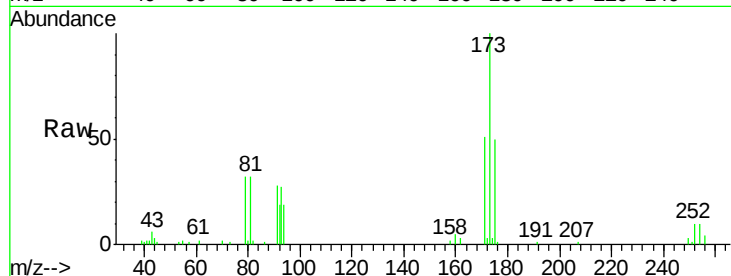
#56
Bromoform
Concen: 16.654 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100		43863		
175	48.3	41.2	61.8		
254	10.6	9.0	13.4		

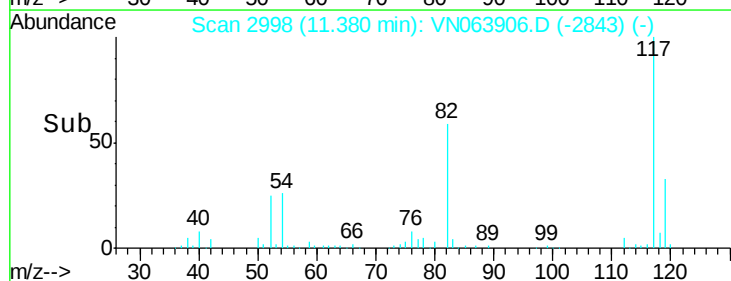
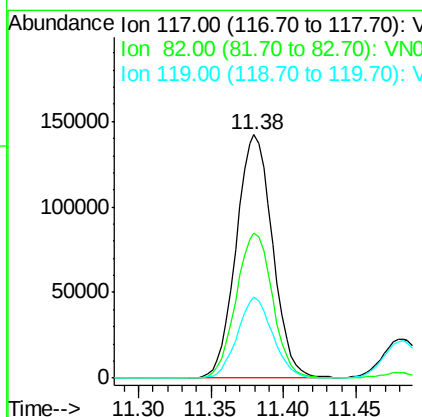
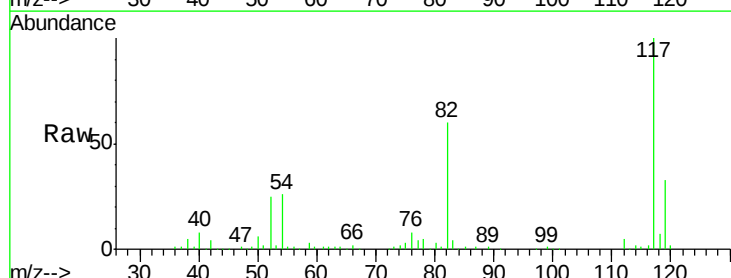
Manual Integrations
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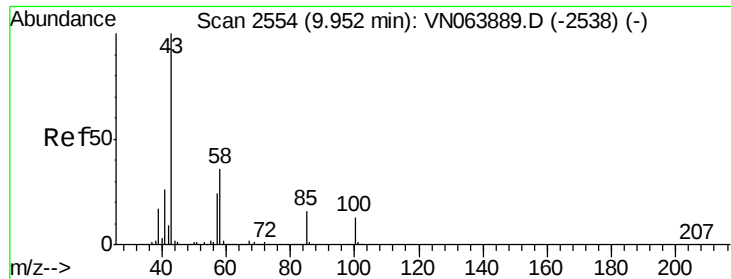
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		248740		
82	59.7	44.9	67.3		
119	32.0	26.0	39.0		





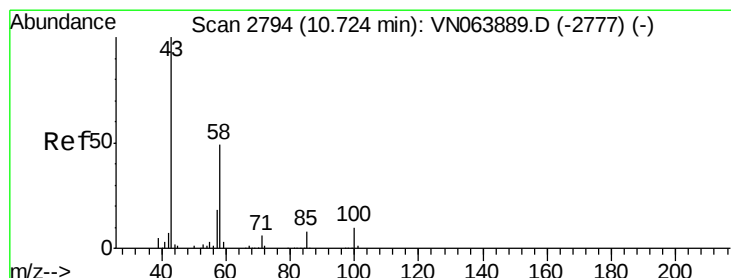
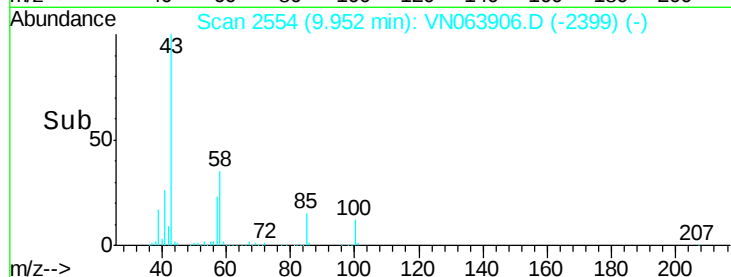
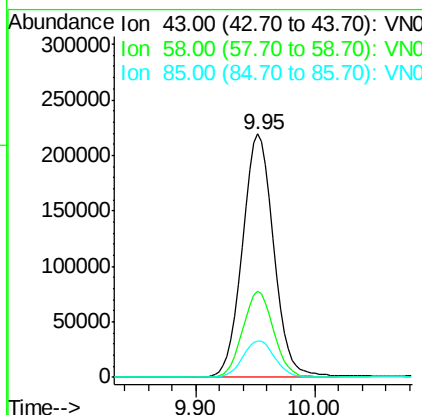
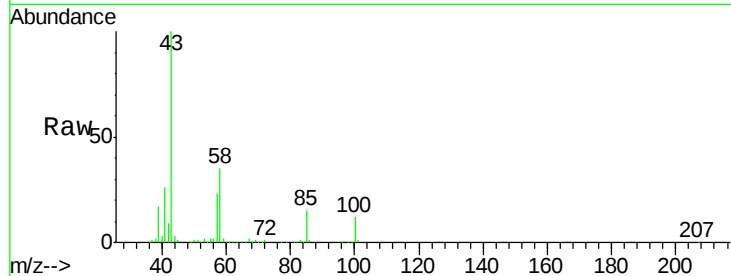
#58
 4-Methyl-2-Pentanone
 Concen: 82.330 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.1	31.4	47.0
85	15.4	13.4	20.2

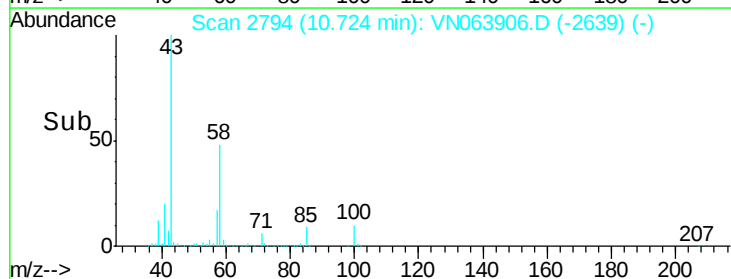
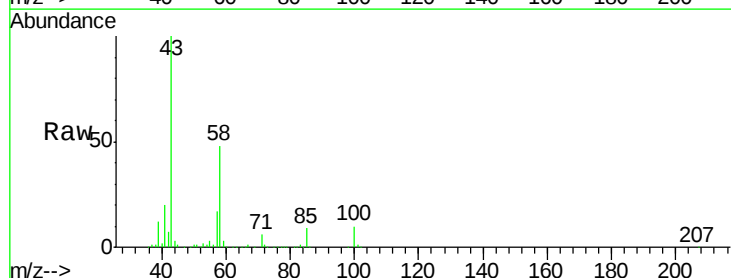
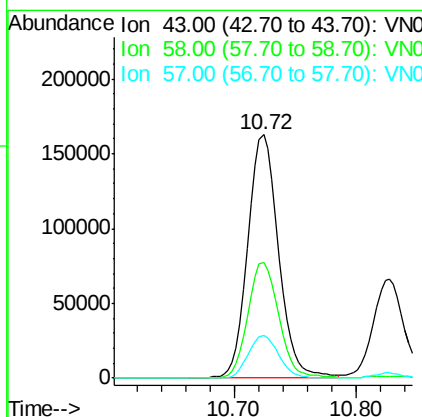
Manual Integrations
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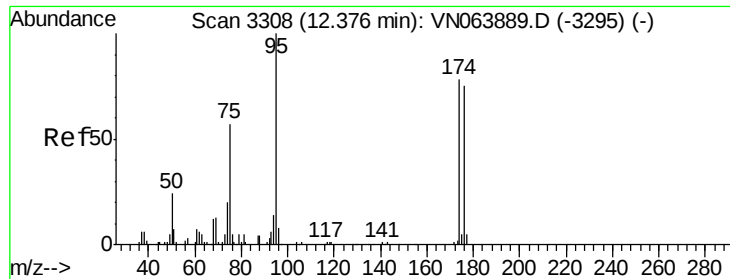
MMDadoda
 10/7/2020 12:11:52 PM



#59
 2-Hexanone
 Concen: 77.868 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	48.2	42.6	64.0
57	17.5	14.6	21.8





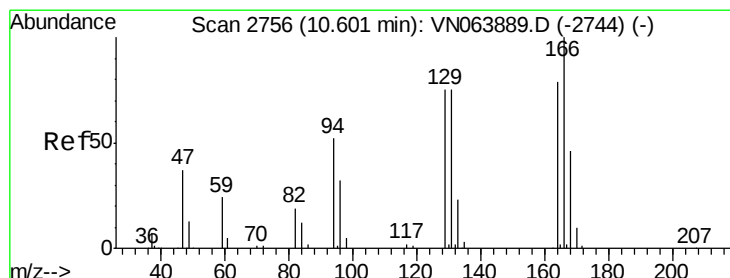
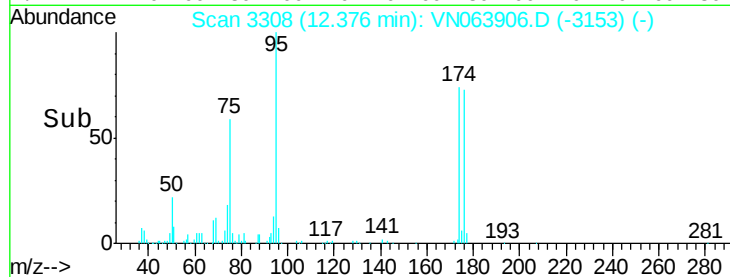
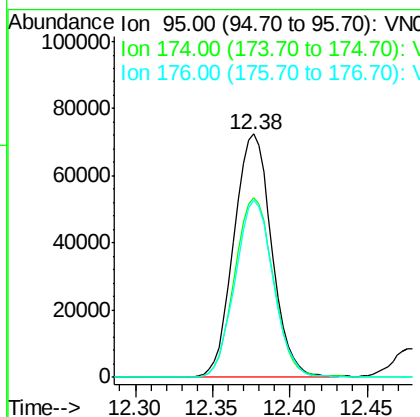
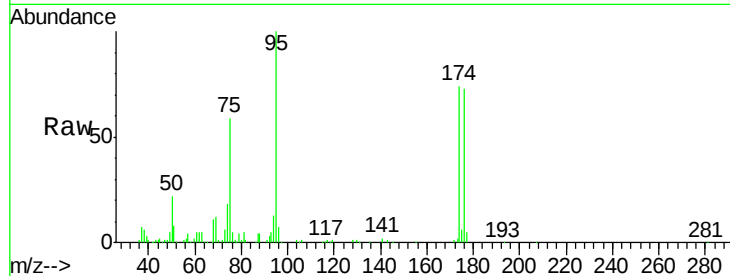
#60
4-Bromofluorobenzene
Concen: 29.020 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion	Ratio	Lower	Upper
95	100		
174	75.1	70.1	105.1
176	73.3	66.8	100.2

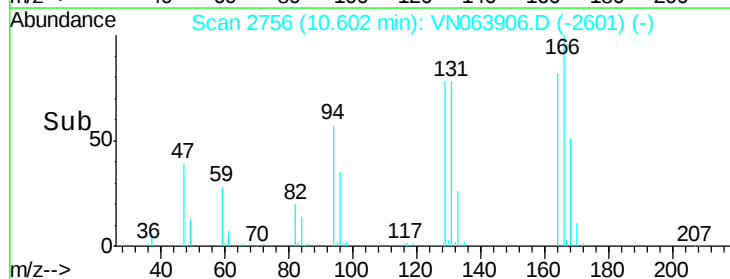
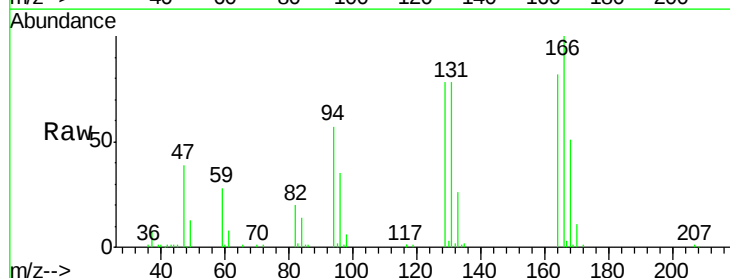
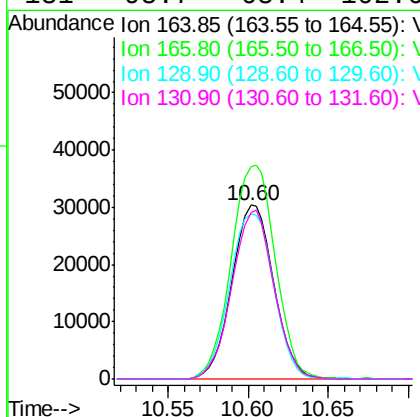
Manual Integrations
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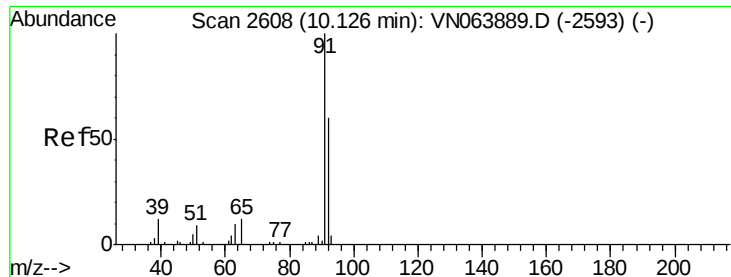
MMDadoda
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#61
Tetrachloroethene
Concen: 17.228 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	100.1	150.1
129	94.8	72.5	108.7
131	95.7	68.4	102.6





#62

Toluene

Concen: 17.986 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion: 91 Resp: 256940

Ion Ratio Lower Upper

91 100

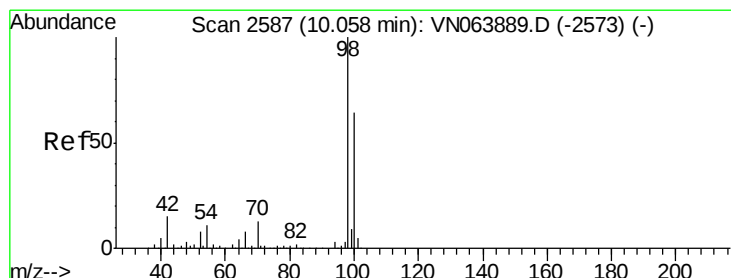
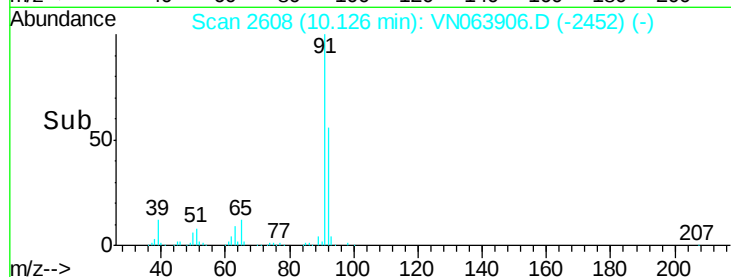
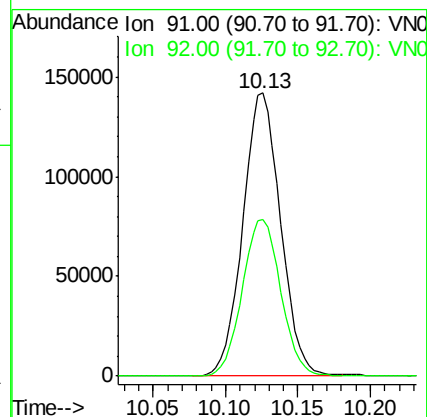
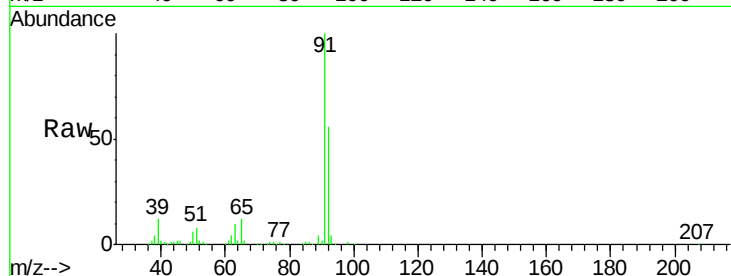
92 56.6 45.5 68.3

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#63

Toluene-d8

Concen: 30.135 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063906.D

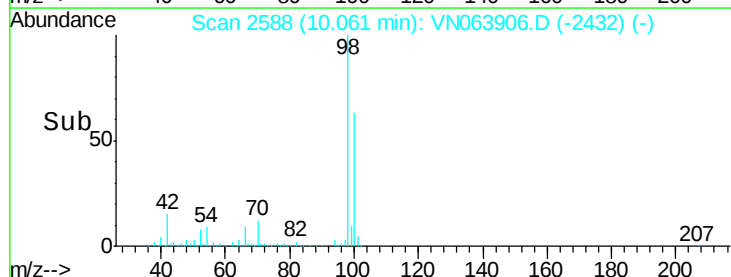
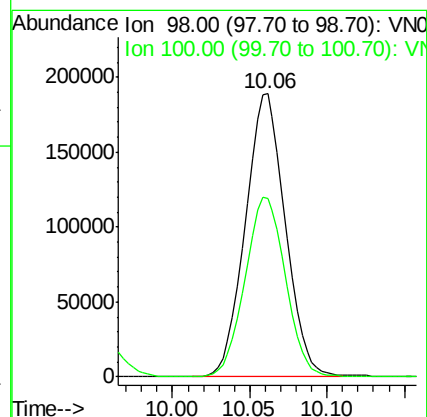
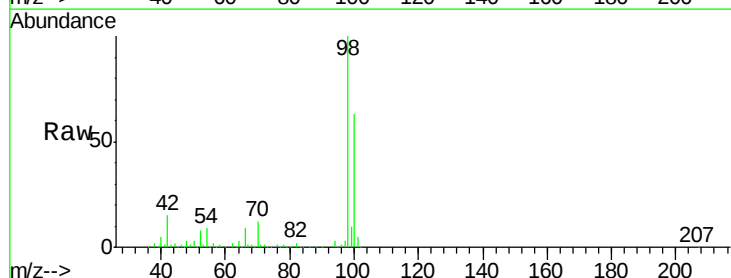
Acq: 6 Oct 2020 20:19

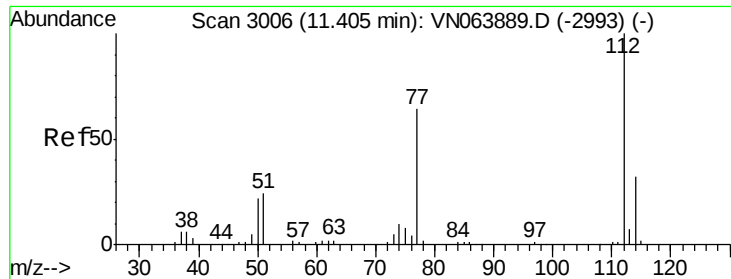
Tgt Ion: 98 Resp: 339699

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2





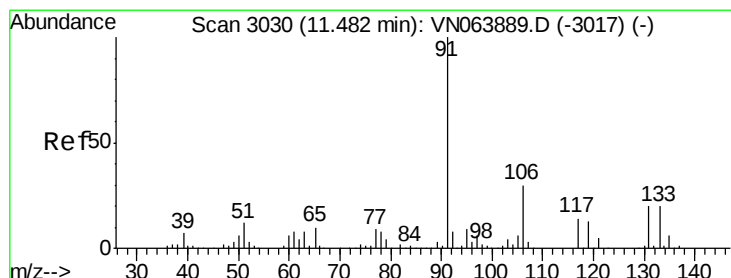
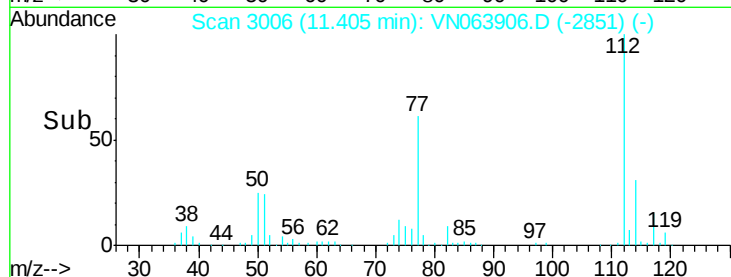
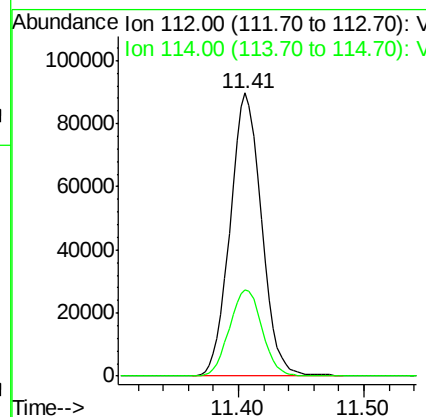
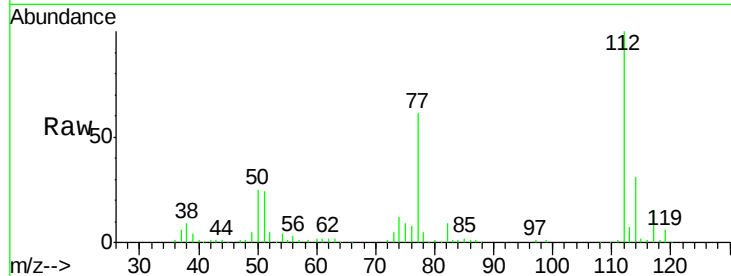
#64
Chlorobenzene
Concen: 18.043 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS03

Tot Ion:112 Resp: 156232
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7

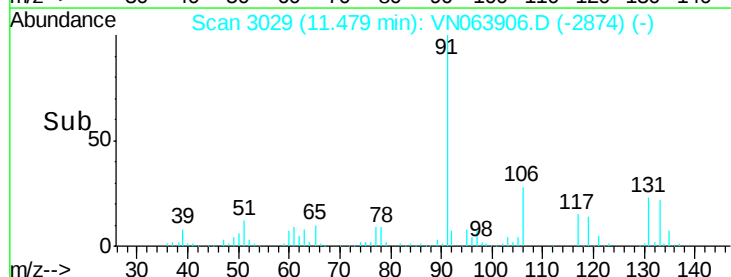
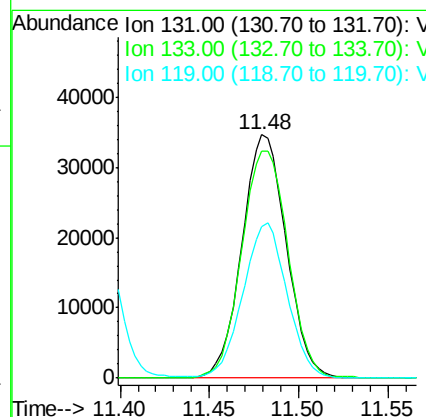
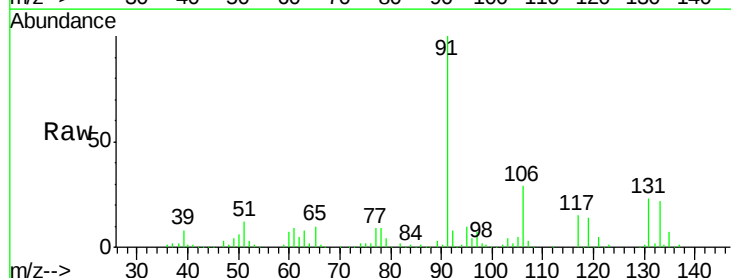
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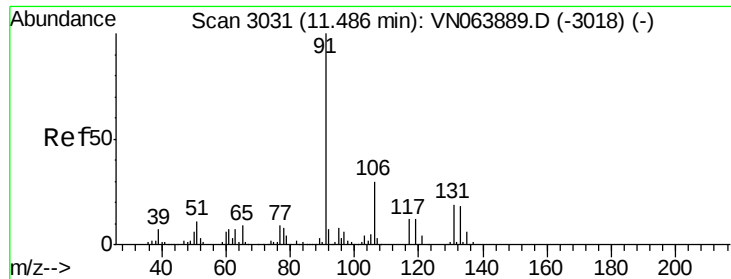
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#65
1,1,1,2-Tetrachloroethane
Concen: 17.786 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion:131 Resp: 60232
Ion Ratio Lower Upper
131 100
133 97.7 0.0 191.2
119 63.5 0.0 134.2





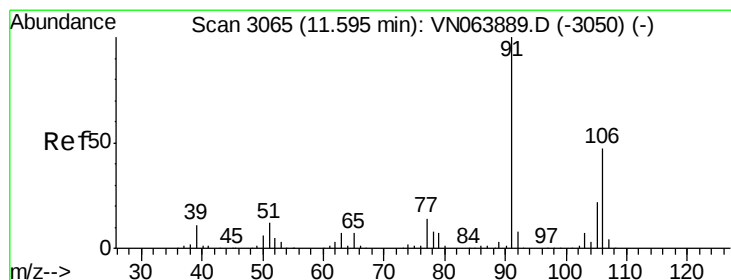
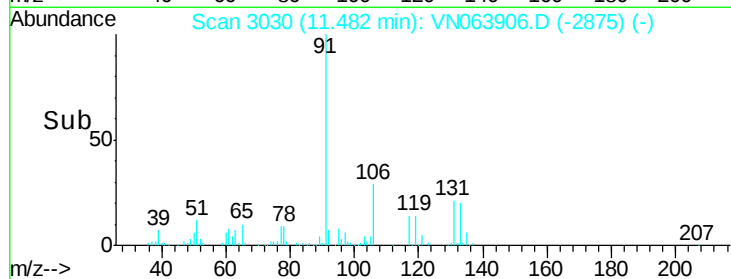
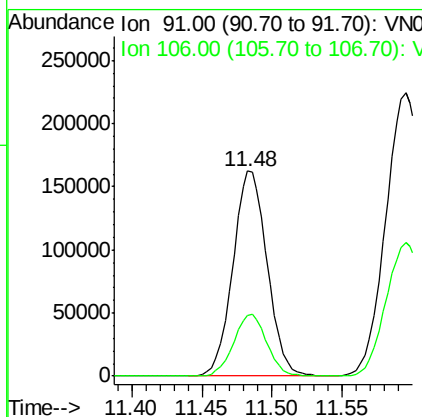
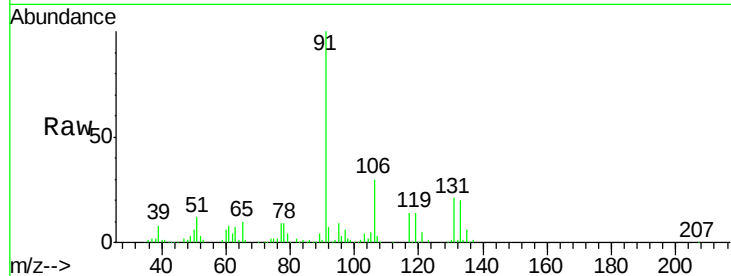
#66
Ethyl Benzene
Concen: 17.601 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS03

Tot Ion: 91 Resp: 276113
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.4

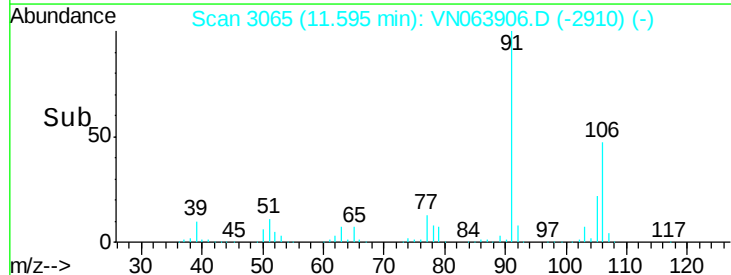
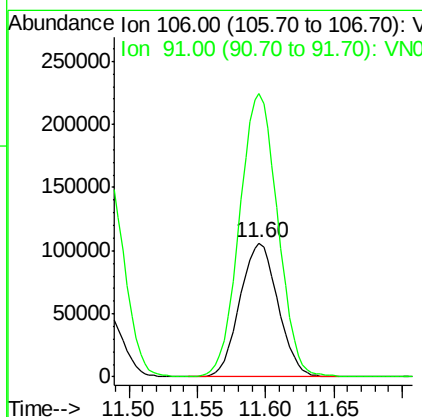
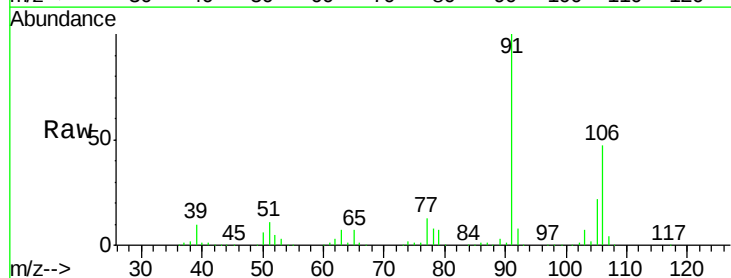
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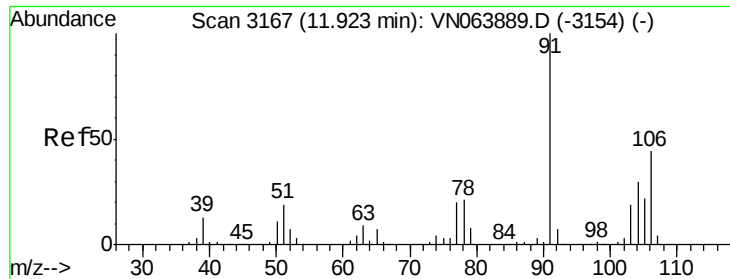
MMDadoda
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#67
m/p-Xylenes
Concen: 35.094 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 106 Resp: 204730
Ion Ratio Lower Upper
106 100
91 213.8 164.9 247.3





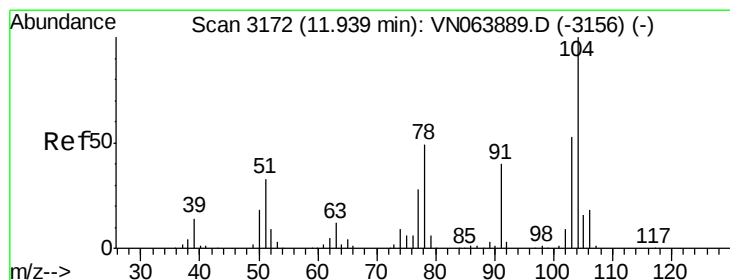
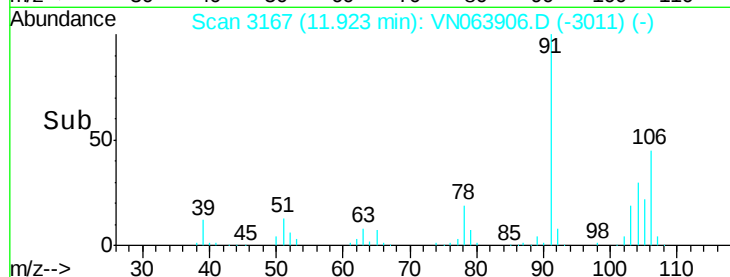
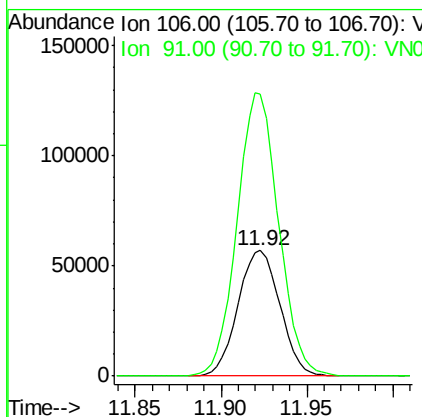
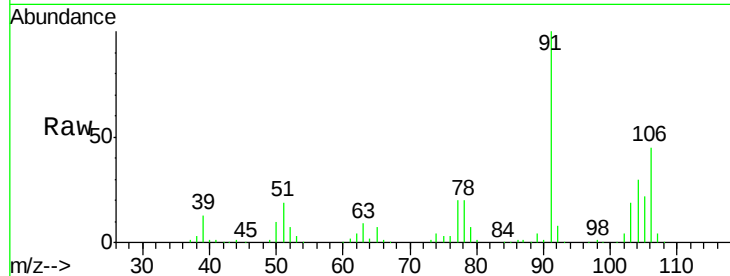
#68
o-Xylene
Concen: 17.491 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS03

Tot Ion:106 Resp: 97217
Ion Ratio Lower Upper
106 100
91 221.9 108.0 324.0

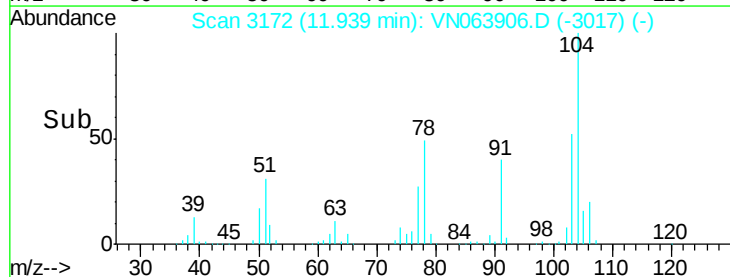
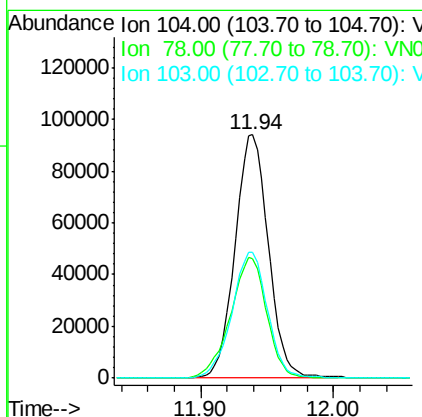
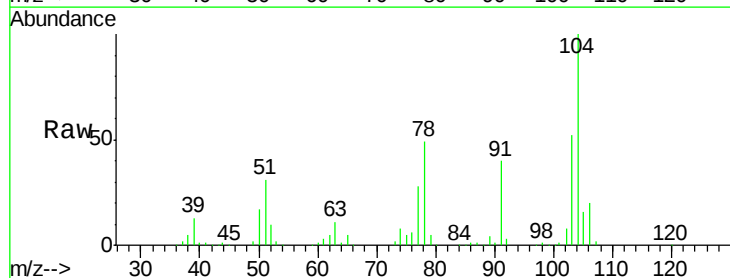
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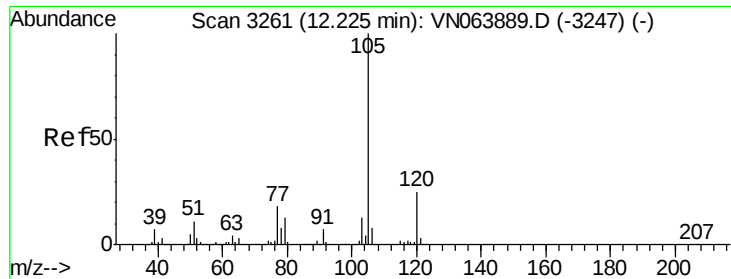
MMDadoda
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#69
Styrene
Concen: 17.347 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion:104 Resp: 164519
Ion Ratio Lower Upper
104 100
78 53.6 39.6 59.4
103 55.2 44.4 66.6





#70

Isopropylbenzene

Concen: 17.684 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS03

Tot Ion:105 Resp: 261171

Ion Ratio Lower Upper

105 100

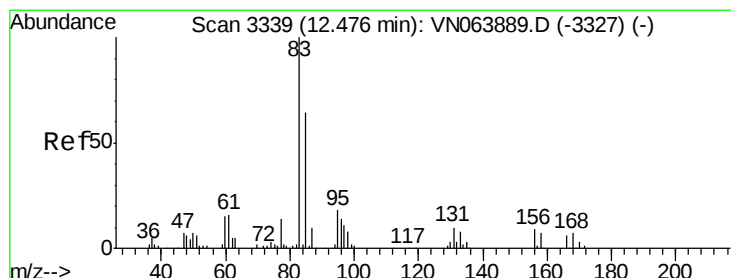
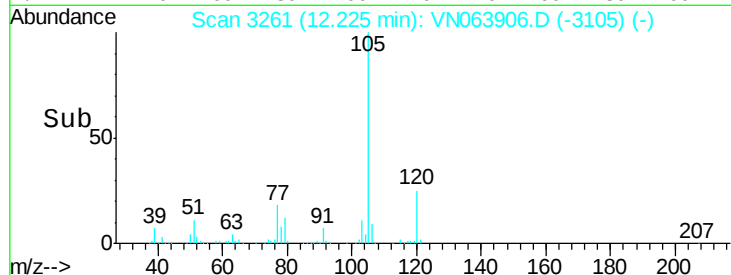
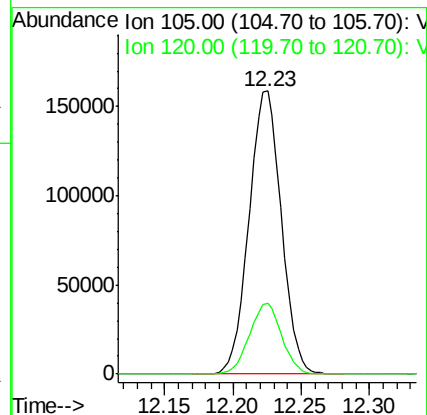
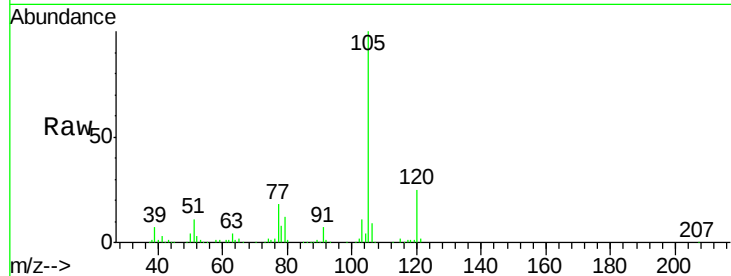
120 24.9 18.5 34.3

Manual Integrations

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#71

1,1,2,2-Tetrachloroethane

Concen: 17.440 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

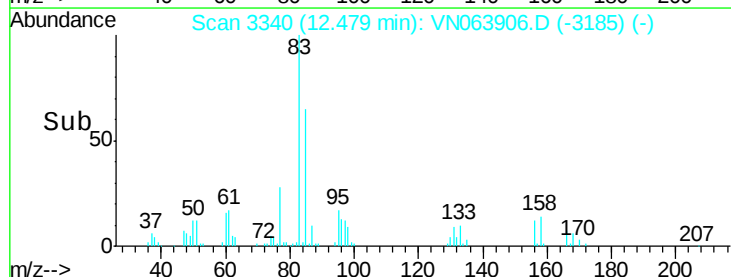
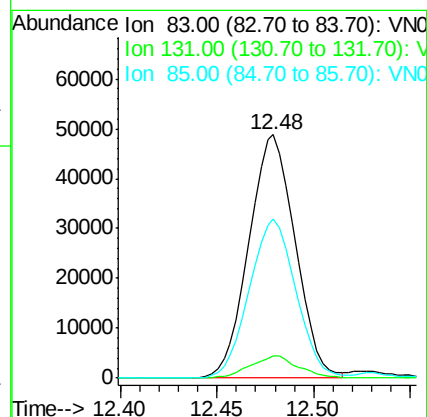
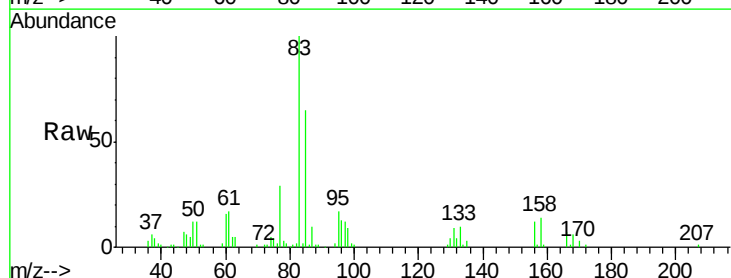
Tgt Ion: 83 Resp: 81417

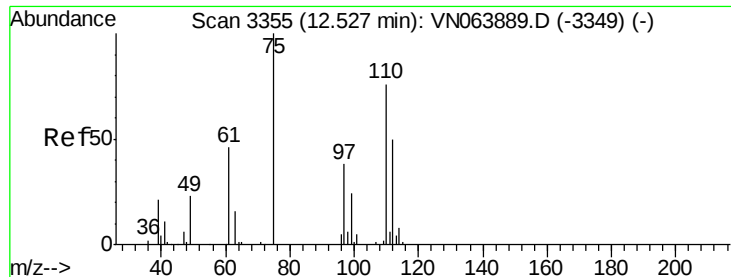
Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.7

85 65.7 31.8 95.3





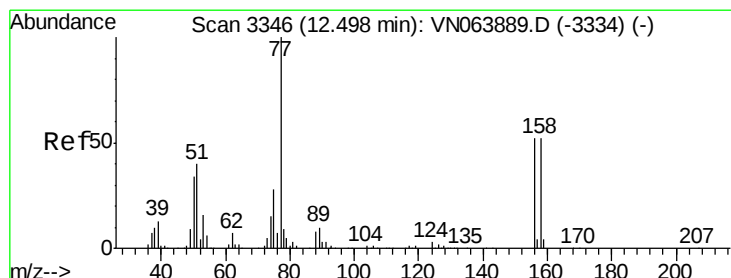
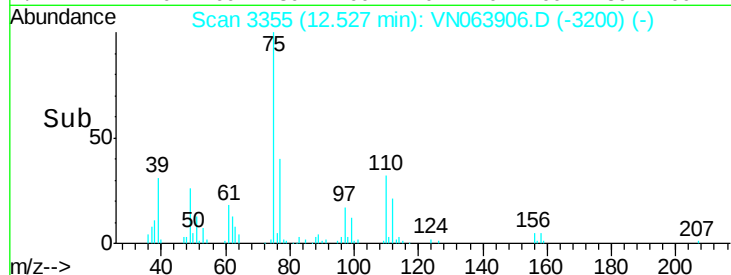
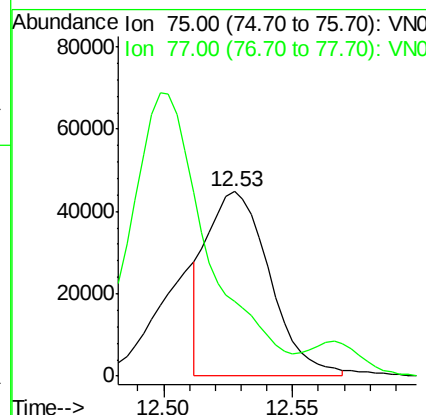
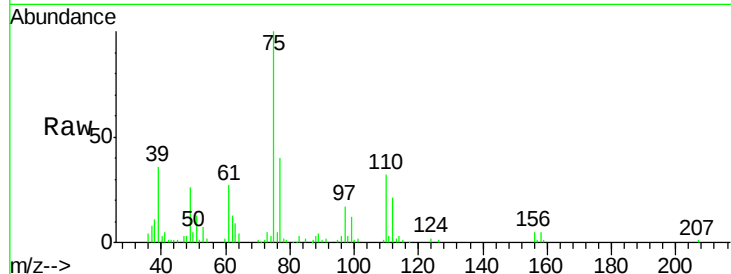
#72
 1,2,3-Trichloropropane
 Concen: 16.039 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion: 75 Resp: 76352
 Ion Ratio Lower Upper
 75 100
 77 186.8 0.0 387.8

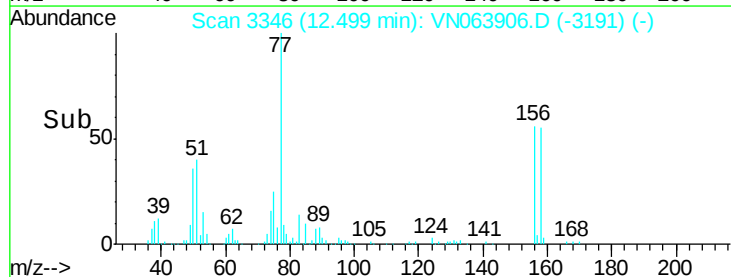
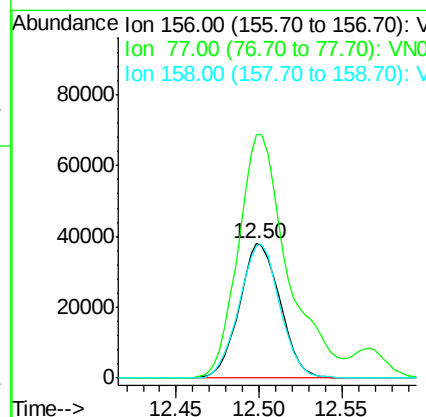
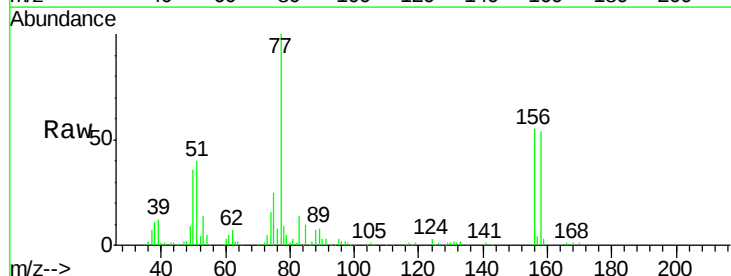
Manual Integrations
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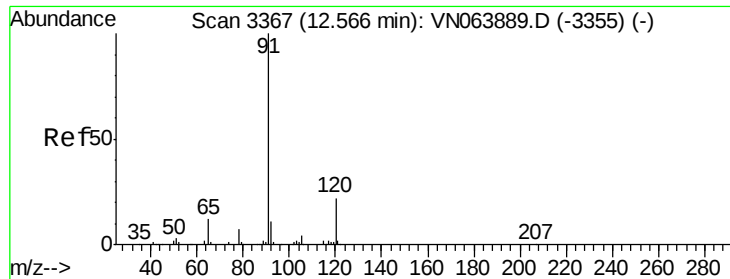
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#73
 Bromobenzene
 Concen: 17.362 ug/l
 RT: 12.50 min Scan# 3346
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 156 Resp: 64991
 Ion Ratio Lower Upper
 156 100
 77 219.4 0.0 398.6
 158 99.5 0.0 195.4





#74

n-propylbenzene

Concen: 17.249 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS03

Tot Ion: 91 Resp: 297804

Ion Ratio Lower Upper

91 100

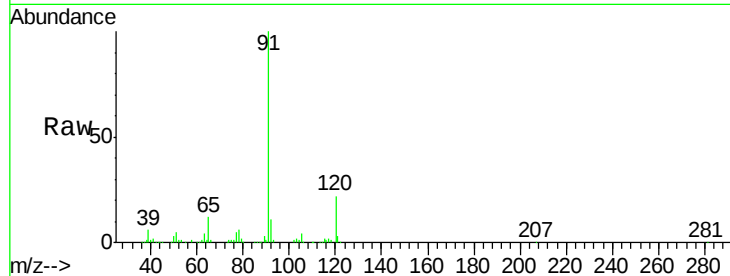
120 21.9 0.0 44.0

Manual Integrations

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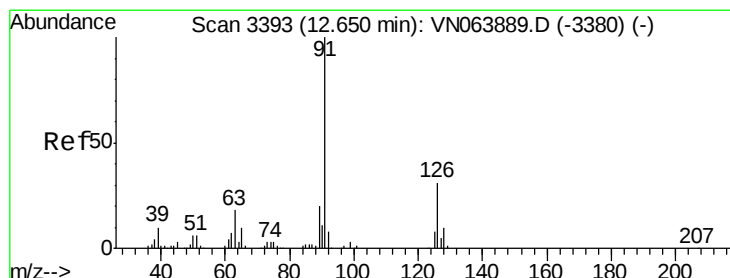
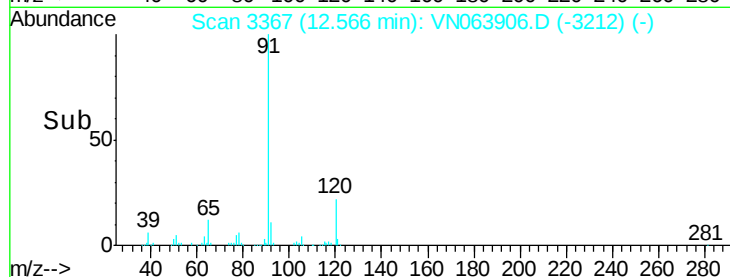
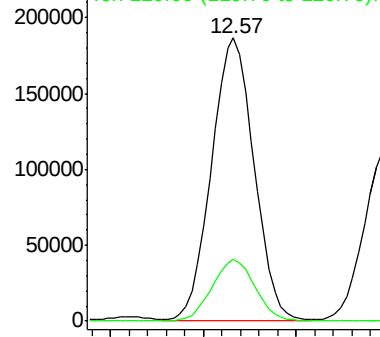
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#75

2-Chlorotoluene

Concen: 17.967 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063906.D

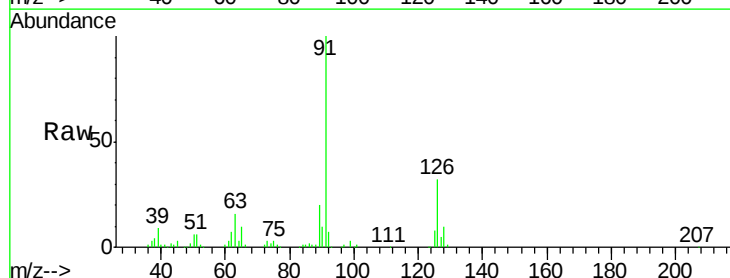
Acq: 6 Oct 2020 20:19

Tgt Ion: 91 Resp: 189215

Ion Ratio Lower Upper

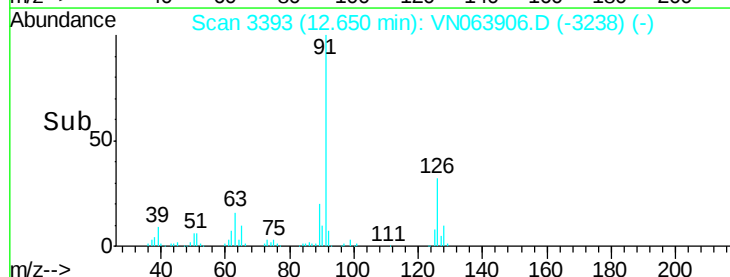
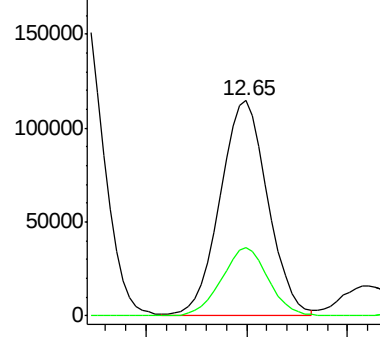
91 100

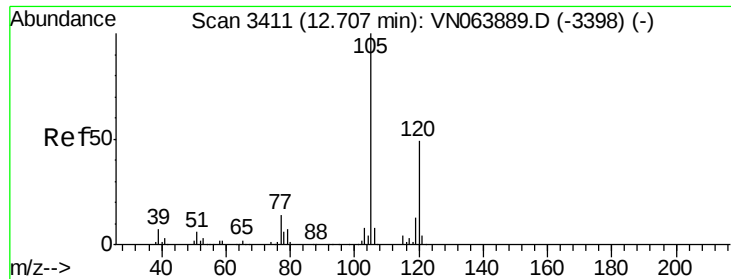
126 31.3 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





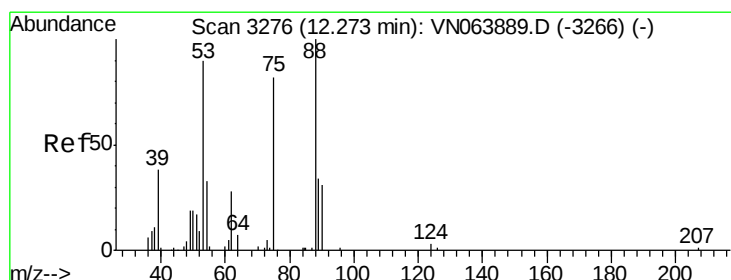
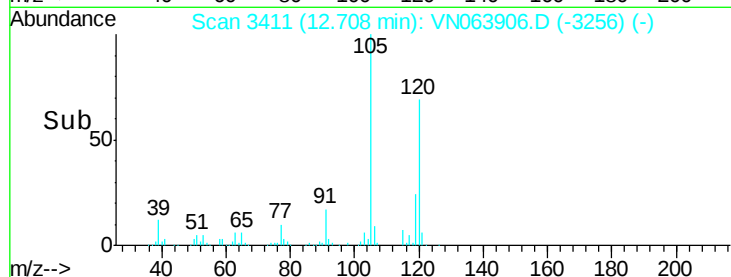
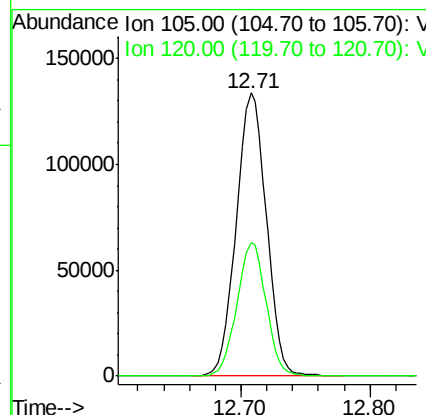
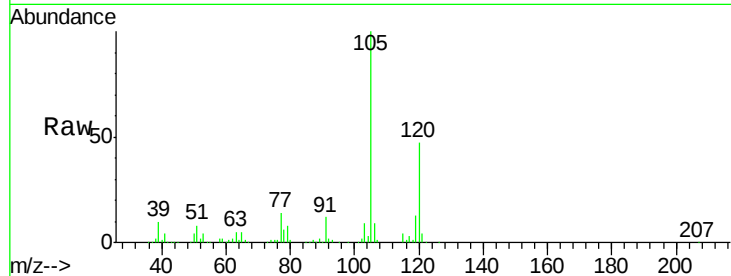
#76
 1,3,5-Trimethylbenzene
 Concen: 17.340 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion	Ratio	Resp	Lower	Upper
105	100	215957		
120	45.8	0.0	95.0	

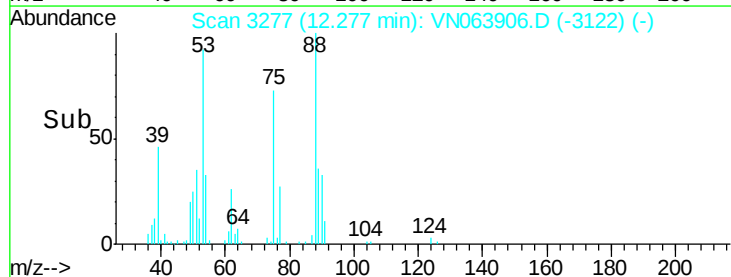
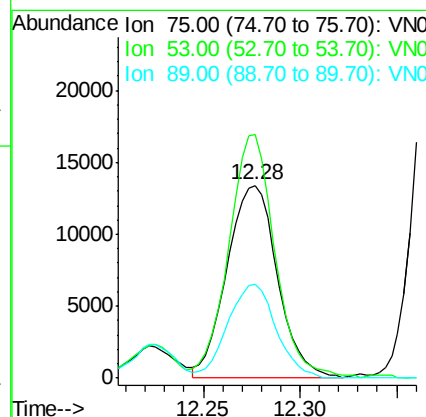
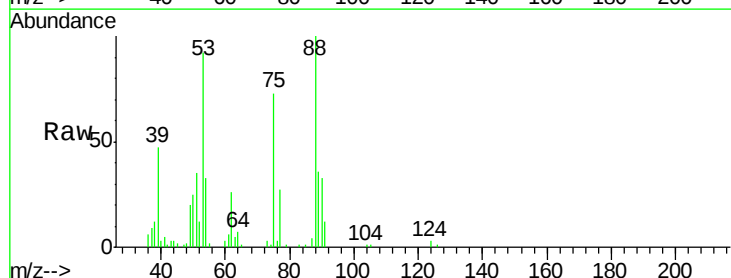
Manual Integrations
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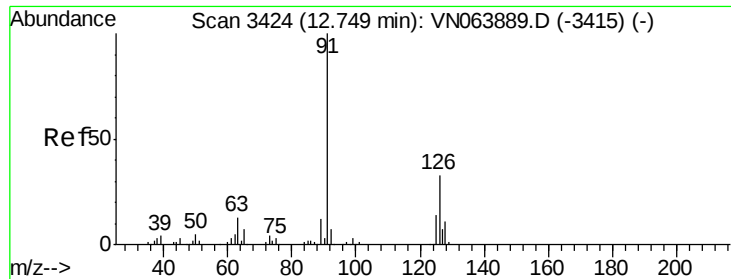
MMDadoda
 10/7/2020 12:11:52 PM



#77
 t-1,4-Dichloro-2-butene
 Concen: 14.395 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24374		
53	124.9	47.0	141.0	
89	49.0	22.9	68.7	





#78

4-Chlorotoluene

Concen: 17.234 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion: 91 Resp: 192194

Ion Ratio Lower Upper

91 100

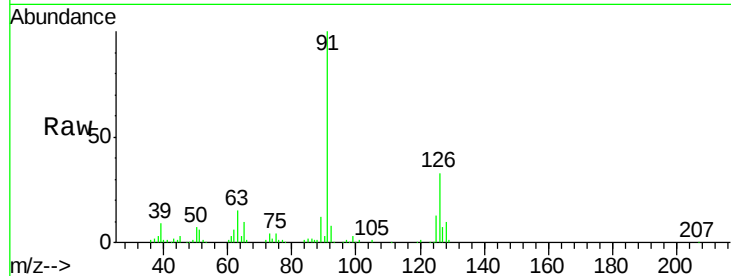
126 31.7 0.0 65.0

Manual Integrations

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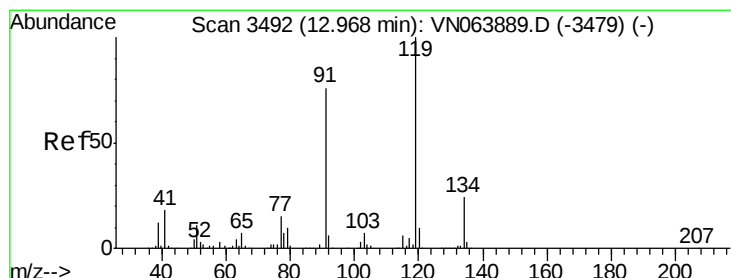
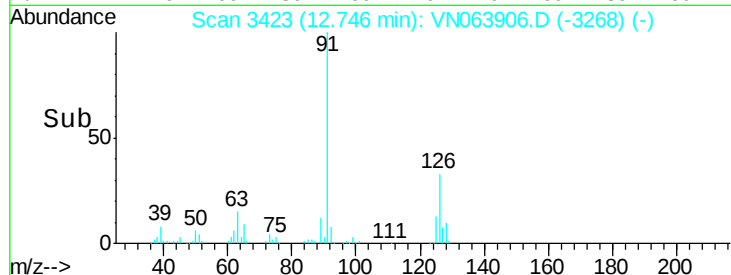
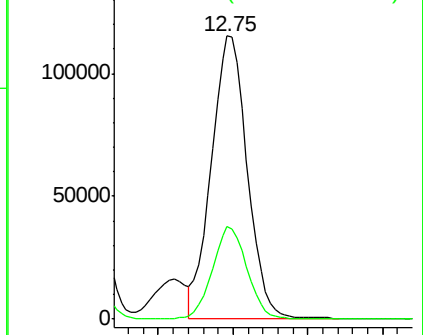
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V



#79

tert-butylbenzene

Concen: 17.075 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

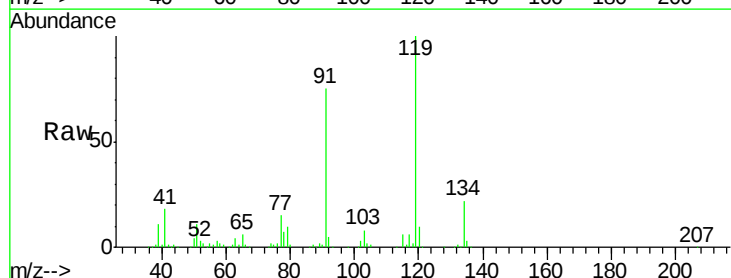
Tgt Ion: 119 Resp: 170372

Ion Ratio Lower Upper

119 100

91 73.1 0.0 136.8

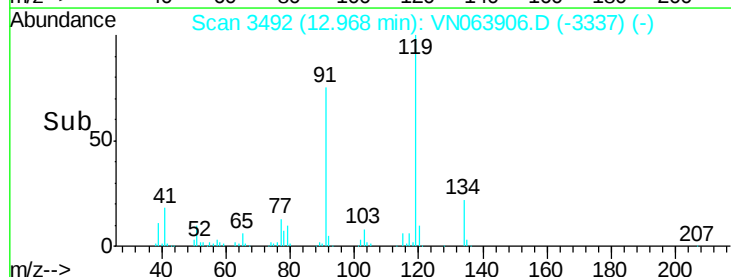
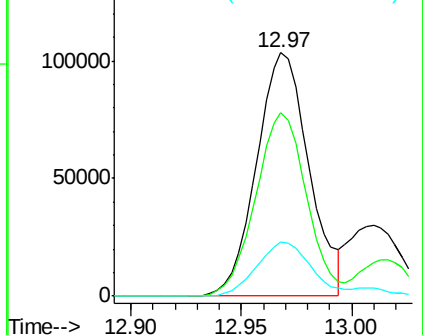
134 23.1 0.0 48.8

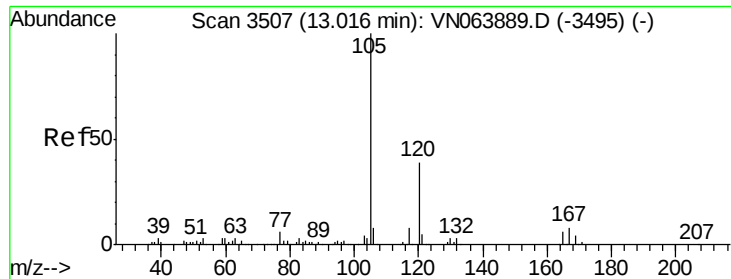


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





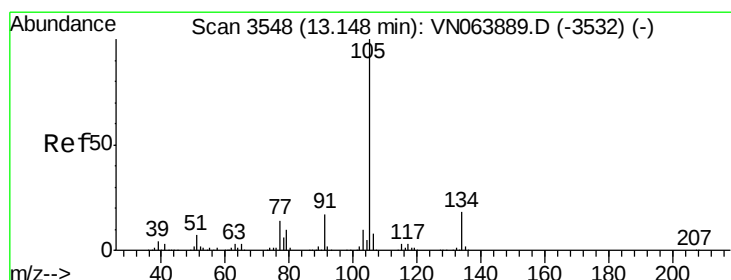
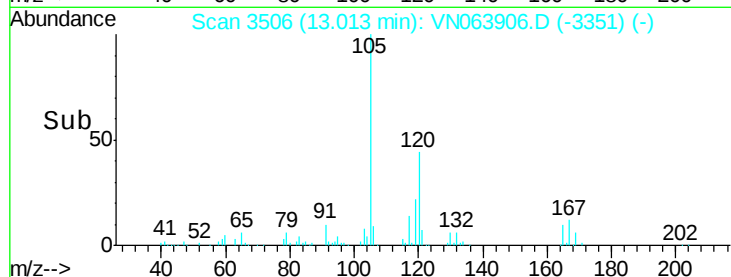
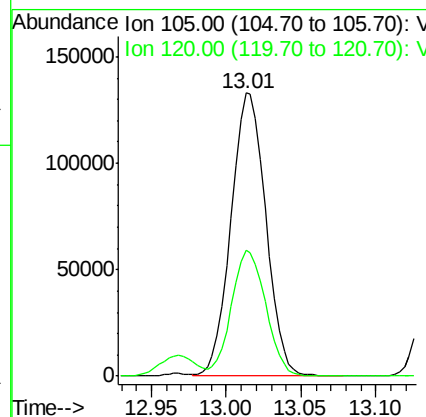
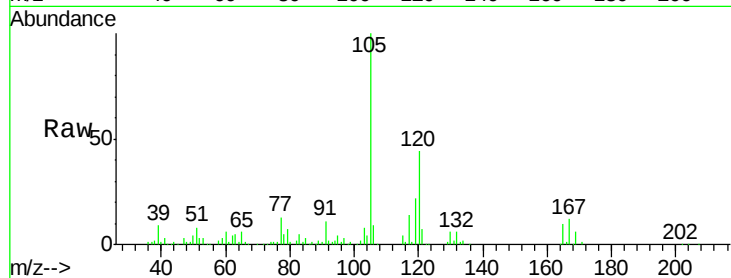
#80
 1,2,4-Trimethylbenzene
 Concen: 17.352 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS03

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.6	0.0	90.4

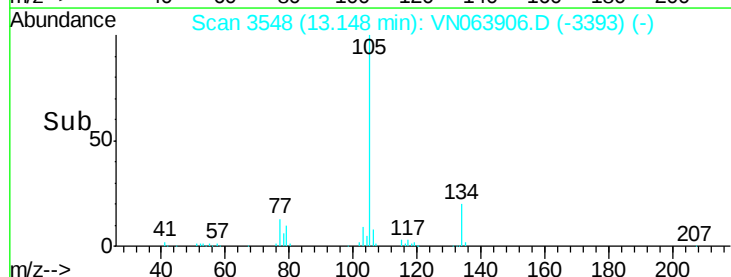
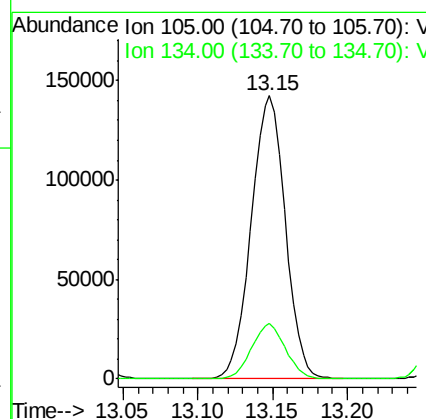
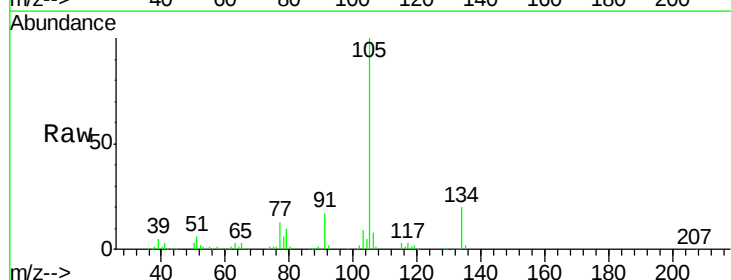
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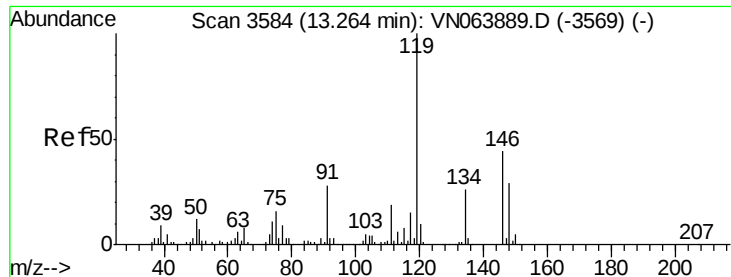
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#81
 sec-Butylbenzene
 Concen: 17.252 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.2	0.0	39.4





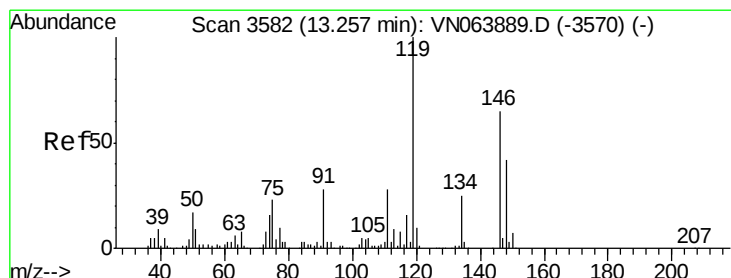
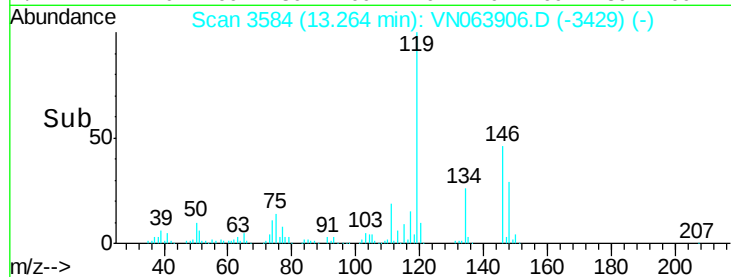
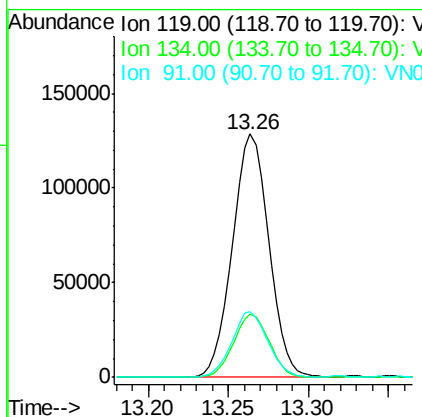
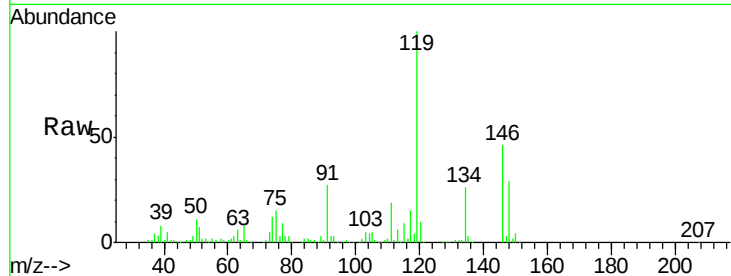
#82
p-Isopropyltoluene
Concen: 16.842 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	199636		
134	25.1	0.0	52.2	
91	26.7	0.0	46.2	

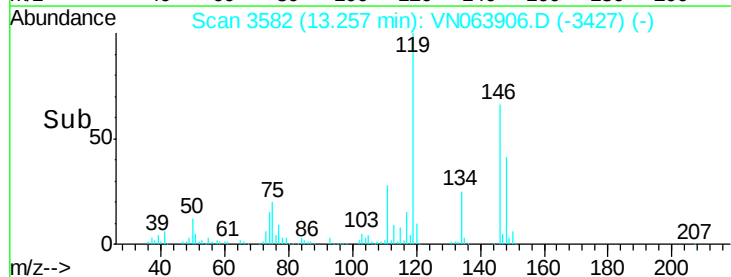
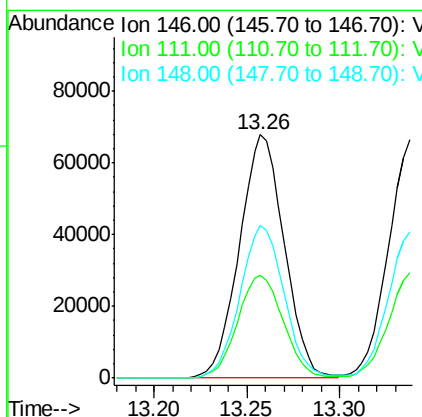
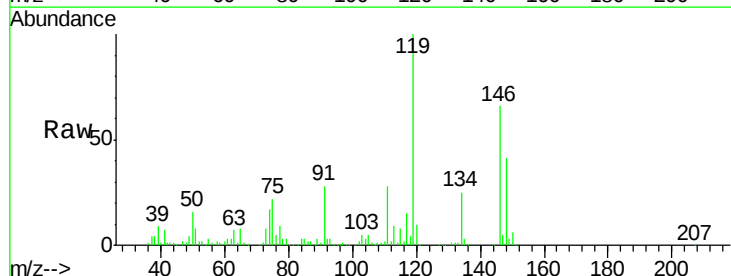
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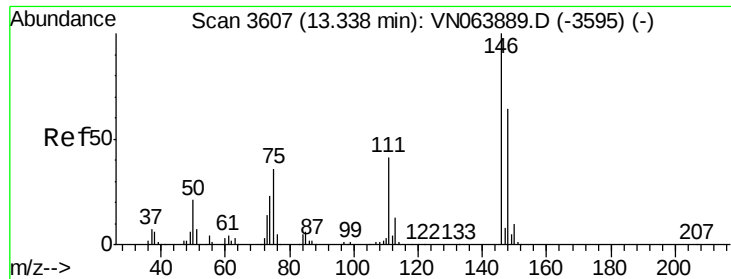
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#83
1,3-Dichlorobenzene
Concen: 17.048 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113496		
111	43.1	19.4	58.1	
148	62.2	31.5	94.5	





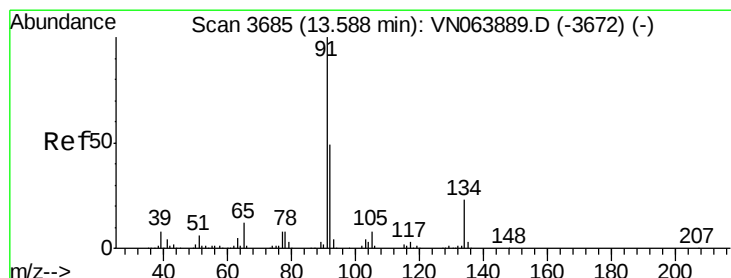
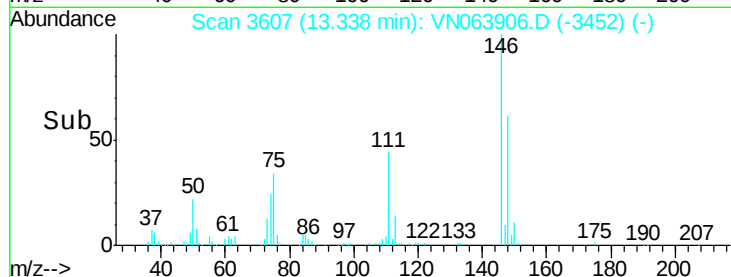
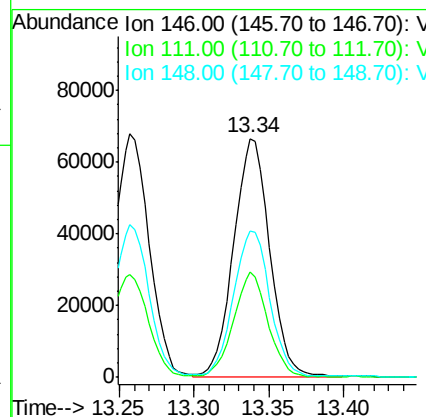
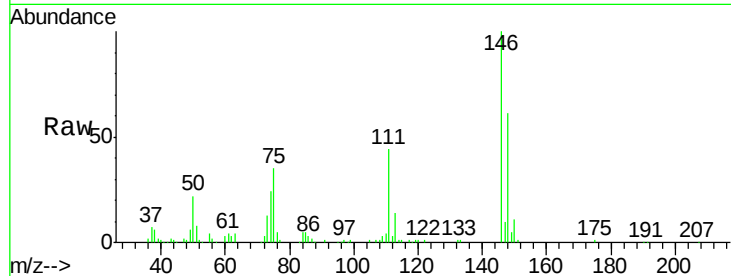
#84
 1,4-Dichlorobenzene
 Concen: 16.848 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	18.6	55.8
148	62.7	31.6	94.8

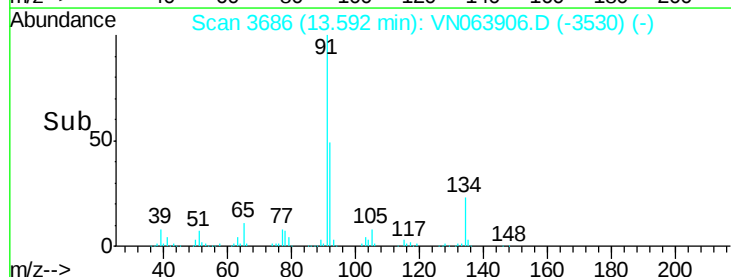
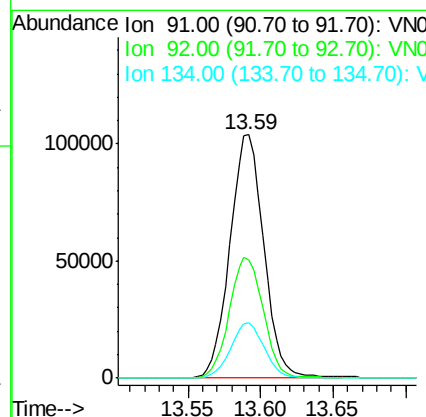
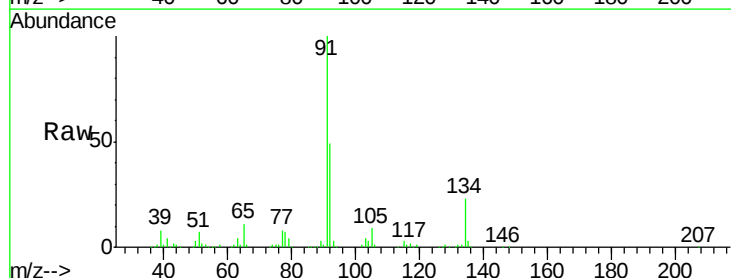
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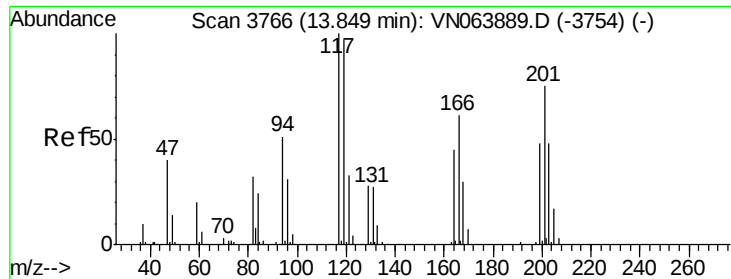
MMDadoda
 10/7/2020 12:11:52 PM



#85
 n-Butylbenzene
 Concen: 16.255 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.2	0.0	100.6
134	22.4	0.0	47.4





#86

Hexachloroethane

Concen: 16.851 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

Tot Ion:117 Resp: 34425

Ion Ratio Lower Upper

117 100

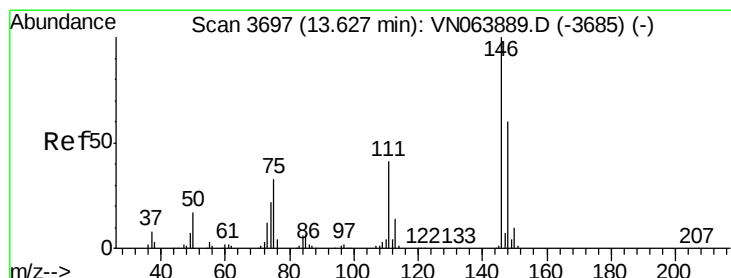
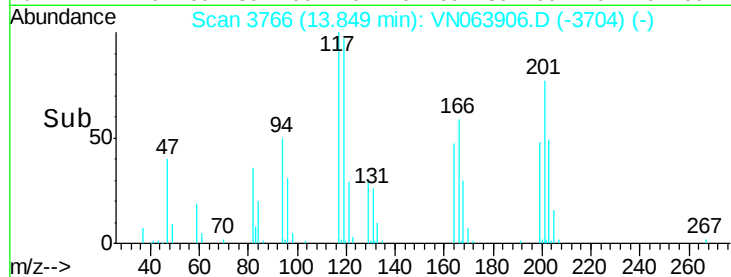
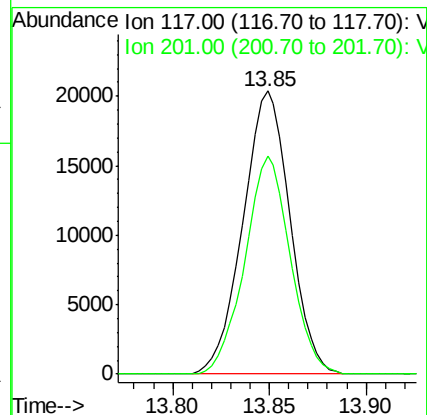
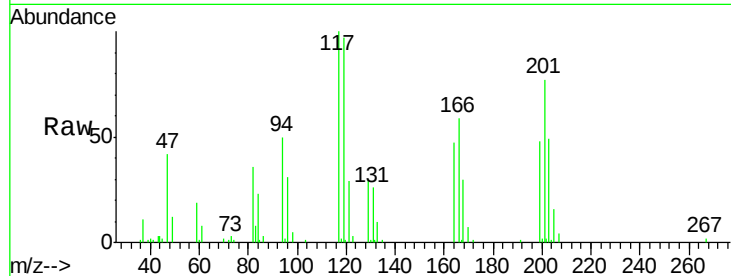
201 74.2 46.1 138.3

Manual Integrations

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#87

1,2-Dichlorobenzene

Concen: 17.148 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

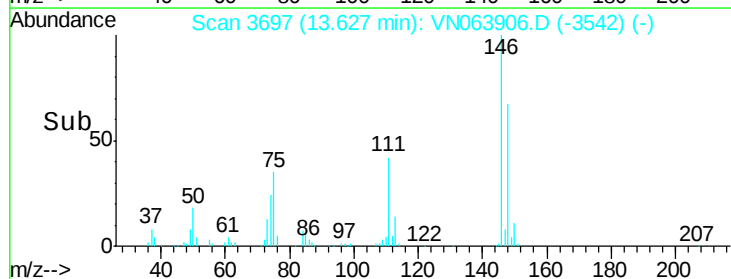
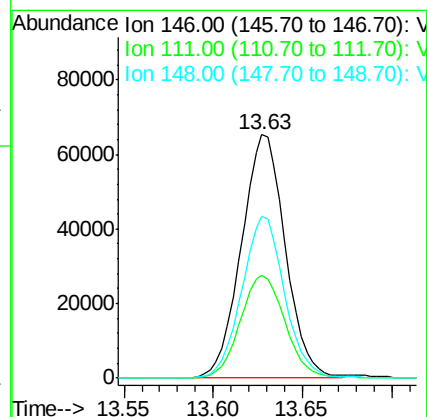
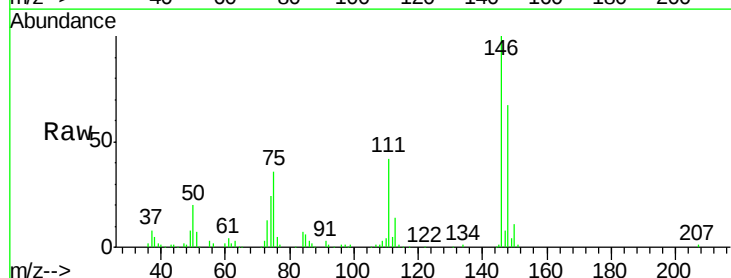
Tgt Ion:146 Resp: 112019

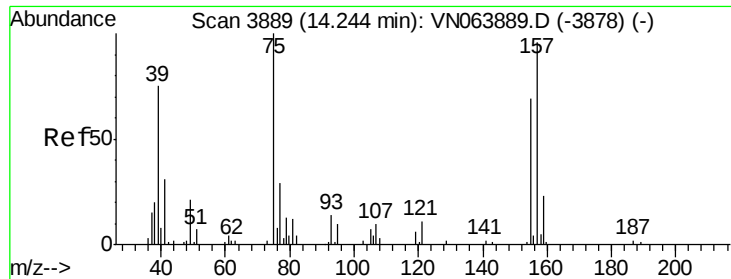
Ion Ratio Lower Upper

146 100

111 42.9 19.1 57.3

148 64.5 31.8 95.4





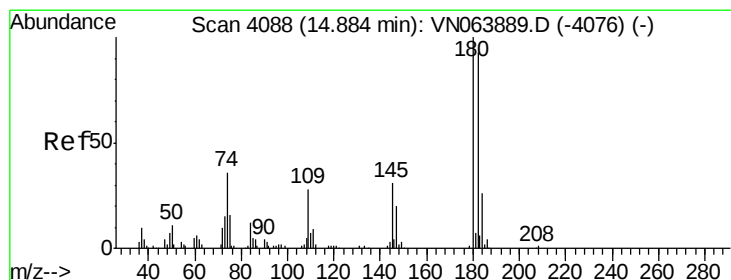
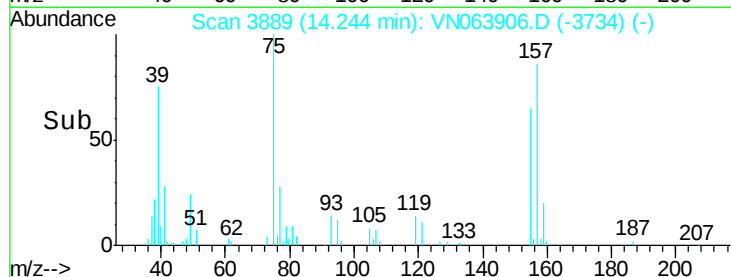
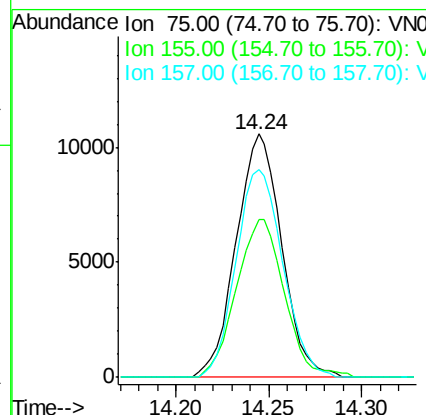
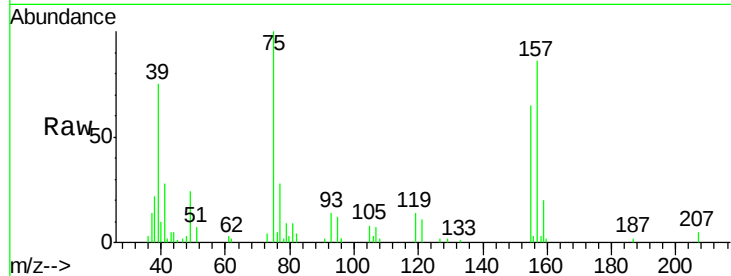
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.137 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
155	68.3	64.8	97.2
157	88.1	81.2	121.8

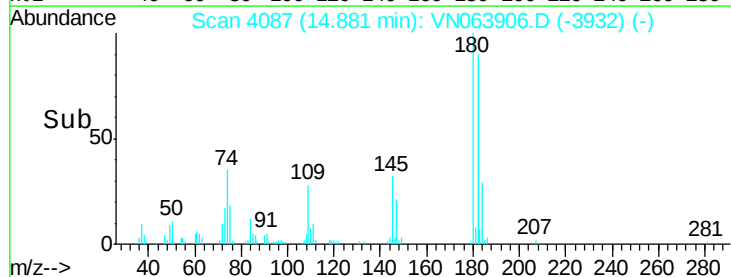
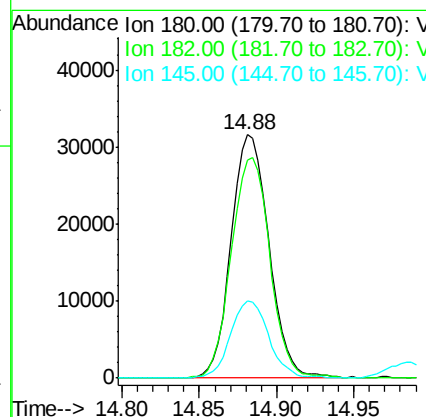
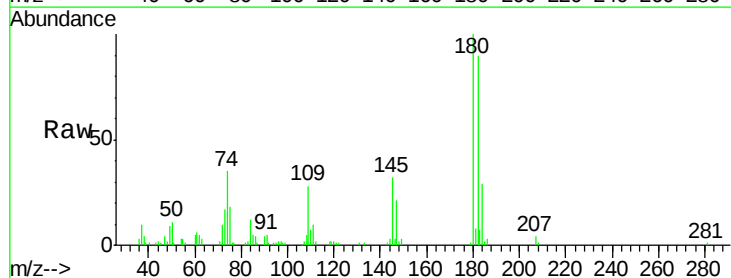
Manual Integrations
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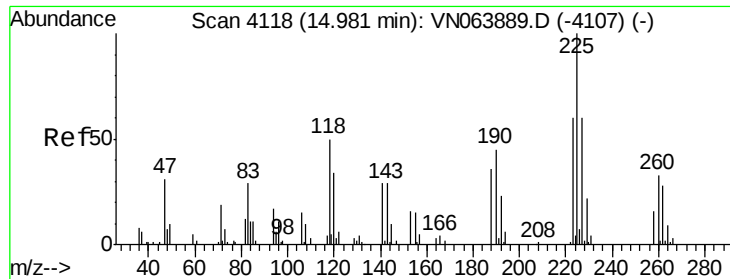
MMDadoda
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#89
 1,2,4-Trichlorobenzene
 Concen: 16.162 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.9	115.3
145	32.1	21.9	32.9





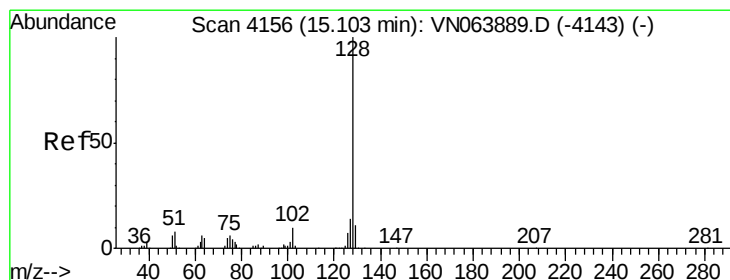
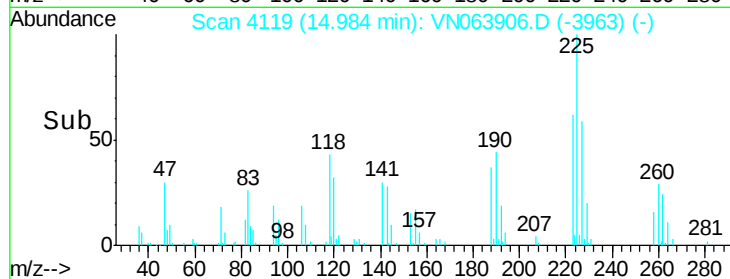
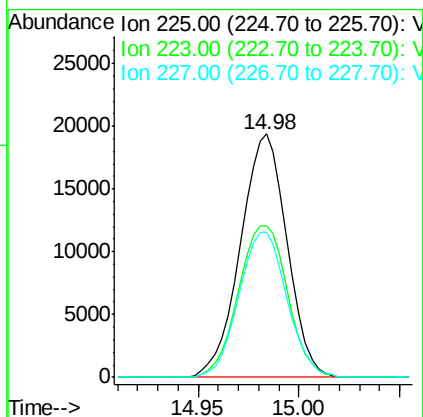
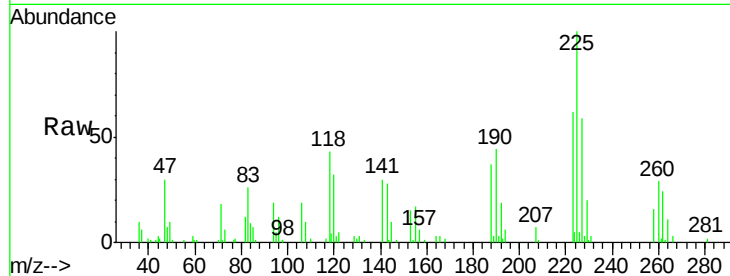
#90
Hexachlorobutadiene
Concen: 17.827 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion	Ratio	Lower	Upper
225	100		
223	65.8	0.0	122.8
227	61.5	0.0	125.6

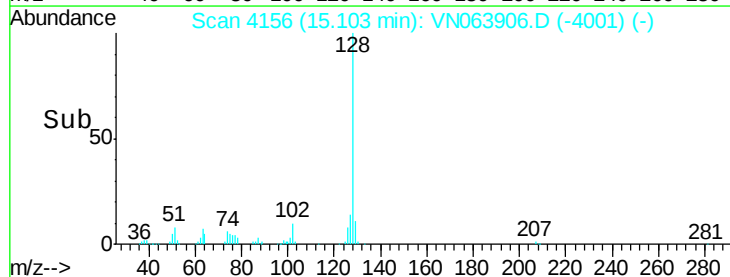
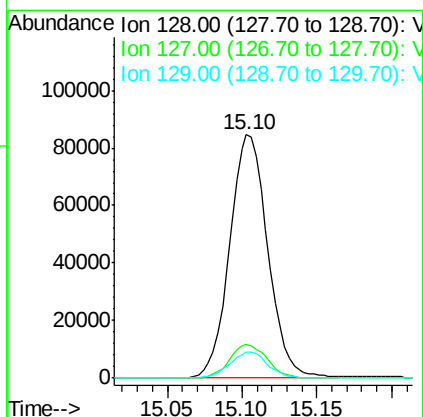
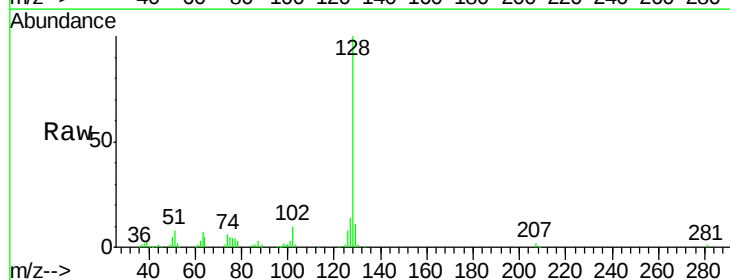
Manual Integrations
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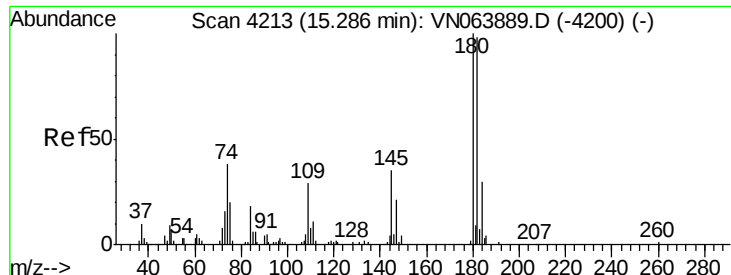
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#91
Naphthalene
Concen: 14.770 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.1	16.7
129	10.7	8.4	12.6





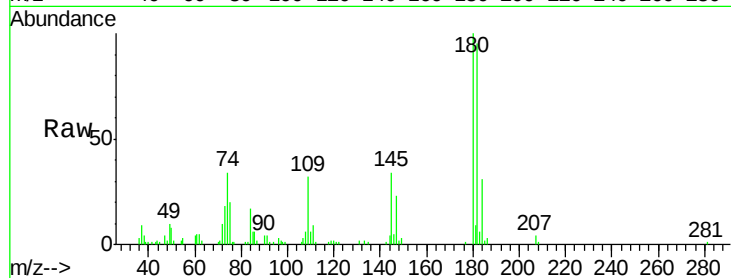
#92
 1,2,3-Trichlorobenzene
 Concen: 16.075 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	51992		
182	98.3		0.0	188.0
145	34.1		0.0	62.0

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:11:52 PM



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

