

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091120\
 Data File : VN063308.D
 Acq On : 11 Sep 2020 12:27
 Operator : JC/MD
 Sample : VN0911WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Manual Integrations
 APPROVED

sam
 9/21/2020 7:25:56 PM

Quant Time: Sep 21 18:56:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 18:39:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	423903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	758494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	692344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	306025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	324387	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.55	113	235938	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	10.06	98	931257	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.38	95	328142	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	69662	17.111	ug/l	97
3) Chloromethane	2.04	50	107281	18.592	ug/l	94
4) Vinyl Chloride	2.17	62	108878	18.903	ug/l	97
5) Bromomethane	2.54	94	71296	17.742	ug/l	93
6) Chloroethane	2.68	64	71146	18.883	ug/l	97
7) Trichlorofluoromethane	2.99	101	156304	17.548	ug/l	99
8) Diethyl Ether	3.38	74	57146	17.993	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	82182	17.660	ug/l	99
10) Methyl Iodide	3.91	142	107342	17.794	ug/l	99
11) Tert butyl alcohol	4.72	59	81802	92.898	ug/l	99
12) 1,1-Dichloroethene	3.70	96	81943	17.640	ug/l	97
13) Acrolein	3.57	56	49900	113.469	ug/l	98
14) Allyl chloride	4.28	41	152902	16.034	ug/l	96
15) Acrylonitrile	4.93	53	224924	93.424	ug/l	99
16) Acetone	3.78	43	199027	86.543	ug/l	100
17) Carbon Disulfide	4.01	76	234836	17.401	ug/l	100
18) Methyl Acetate	4.28	43	106062	18.346	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	296460	17.860	ug/l	99
20) Methylene Chloride	4.50	84	102204	18.723	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	92584	17.810	ug/l	98
22) Diisopropyl ether	5.90	45	341482	18.197	ug/l	93
23) Vinyl Acetate	5.84	43	1411136	95.531	ug/l	99
24) 1,1-Dichloroethane	5.80	63	182652	17.973	ug/l	99
25) 2-Butanone	6.79	43	313274	92.217	ug/l	99
26) 2,2-Dichloropropane	6.78	77	156636	17.585	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	107396	17.727	ug/l	97
28) Bromochloromethane	7.15	49	88852	18.030	ug/l	99
29) Tetrahydrofuran	7.16	42	210995	95.386	ug/l	99
30) Chloroform	7.33	83	184384	18.120	ug/l	98
31) Cyclohexane	7.61	56	165961	17.767	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	160356	18.078	ug/l	99
36) 1,1-Dichloropropene	7.75	75	137038	17.577	ug/l	99
37) Ethyl Acetate	6.88	43	135113	17.615	ug/l	99
38) Carbon Tetrachloride	7.73	117	135460	17.653	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	146241	17.194	ug/l	94
40) Benzene	8.00	78	404010	18.143	ug/l	100
41) Methacrylonitrile	7.12	41	57539	16.584	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	153507	18.169	ug/l	100
43) Isopropyl Acetate	8.13	43	242608	18.677	ug/l	99
44) Trichloroethene	8.80	130	105809	18.169	ug/l	97
45) 1,2-Dichloropropane	9.08	63	110480	18.088	ug/l	98
46) Dibromomethane	9.17	93	72706	18.356	ug/l	97
47) Bromodichloromethane	9.37	83	144959	17.562	ug/l	97
48) Methyl methacrylate	9.17	41	112753	18.192	ug/l	98
49) 1,4-Dioxane	9.17	88	33023	344.124	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	694986	97.085	ug/l	100
52) Toluene	10.13	92	249590	18.358	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	159722	17.745	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	172853	17.836	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	95351	17.898	ug/l	99
56) Ethyl methacrylate	10.40	69	147158	18.164	ug/l	100
57) 1,3-Dichloropropane	10.68	76	170977	18.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	395488	91.008	ug/l	98
59) 2-Hexanone	10.72	43	499221	94.559	ug/l	100
60) Dibromochloromethane	10.87	129	105870	18.097	ug/l	99
61) 1,2-Dibromoethane	10.98	107	98569	17.747	ug/l	98
64) Tetrachloroethene	10.60	164	102425	18.059	ug/l	97
65) Chlorobenzene	11.41	112	261490	17.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	94448	17.392	ug/l	97
67) Ethyl Benzene	11.49	91	484798	18.118	ug/l	100
68) m/p-Xylenes	11.59	106	349918	35.353	ug/l	98
69) o-Xylene	11.92	106	169088	17.801	ug/l	100
70) Styrene	11.94	104	282447	17.891	ug/l	99
71) Bromoform	12.10	173	65231	17.367	ug/l #	100
73) Isopropylbenzene	12.23	105	449473	18.209	ug/l	100
74) N-amyl acetate	12.05	43	191862	18.932	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	128725	18.209	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	121324m	17.970	ug/l	
77) Bromobenzene	12.50	156	103961	18.323	ug/l	99
78) n-propylbenzene	12.57	91	513438	18.310	ug/l	100
79) 2-Chlorotoluene	12.65	91	312610	18.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	375415	18.316	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	43822	17.440	ug/l	94
82) 4-Chlorotoluene	12.75	91	316924	17.535	ug/l	99
83) tert-Butylbenzene	12.97	119	307885	17.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	384217	18.598	ug/l	100
85) sec-Butylbenzene	13.15	105	401546	18.157	ug/l	99
86) p-Isopropyltoluene	13.27	119	365567	18.031	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	181193	17.468	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	185380	18.038	ug/l	99
89) n-Butylbenzene	13.59	91	320784	17.527	ug/l	99
90) Hexachloroethane	13.85	117	60678	18.194	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	183271	17.876	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28232	17.562	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Sep 21 18:39:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	96724	16.118	ug/l	98
94) Hexachlorobutadiene	14.98	225	37819	16.636	ug/l	95
95) Naphthalene	15.11	128	300756	16.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	93576	16.816	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

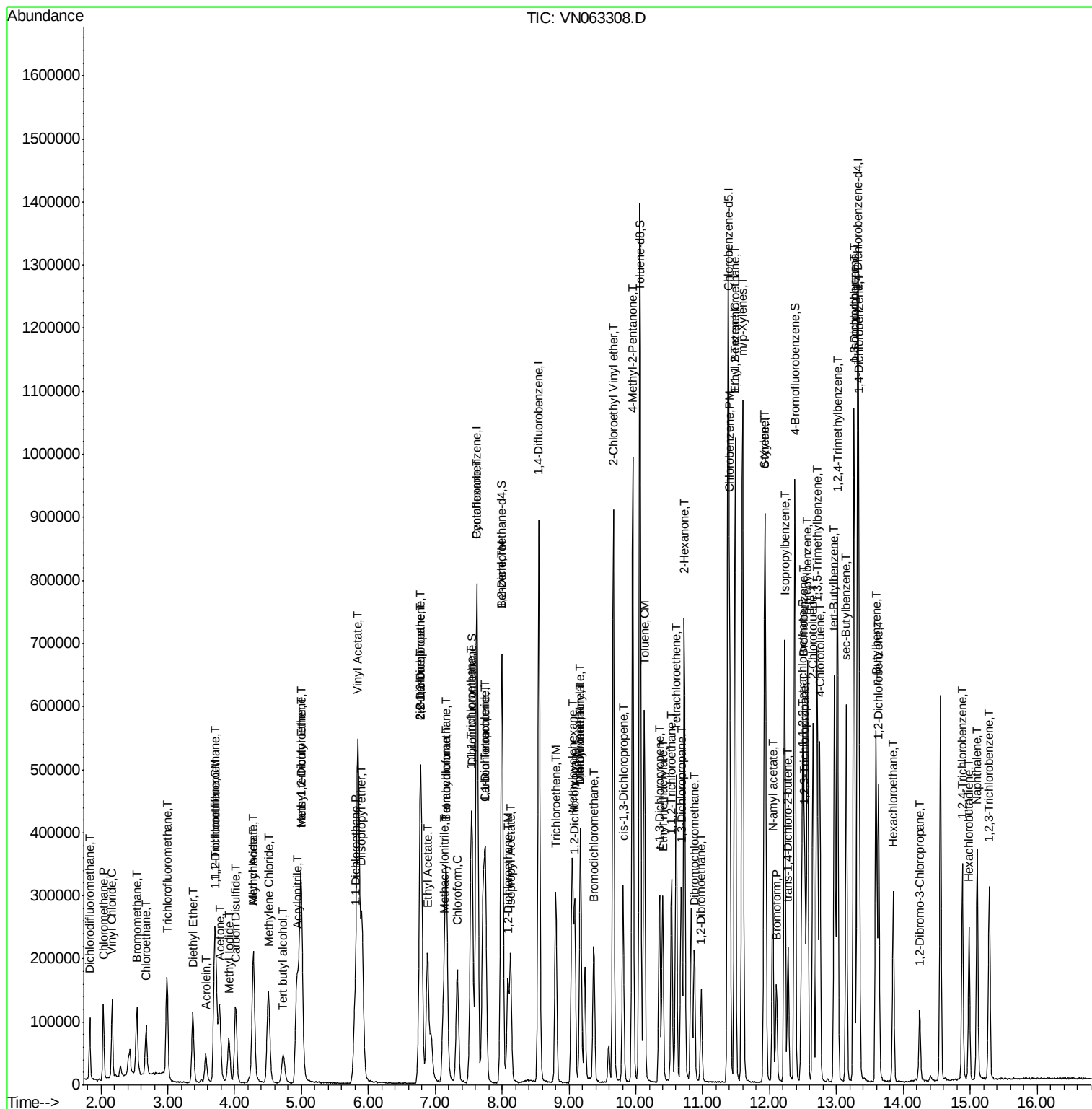
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Acq On : 11 Sep 2020 12:27
Operator : JC/MD
Sample : VN0911WBS01
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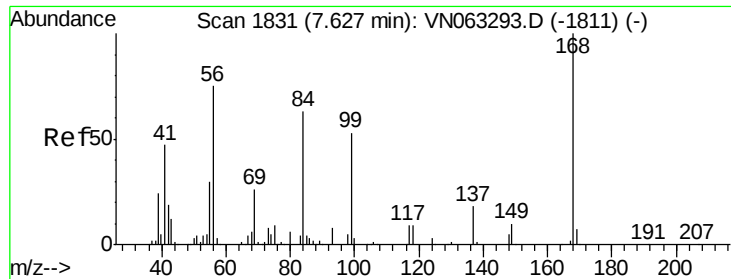
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

Tgt Ion: 168 Resp: 423903

Ion Ratio Lower Upper

168 100

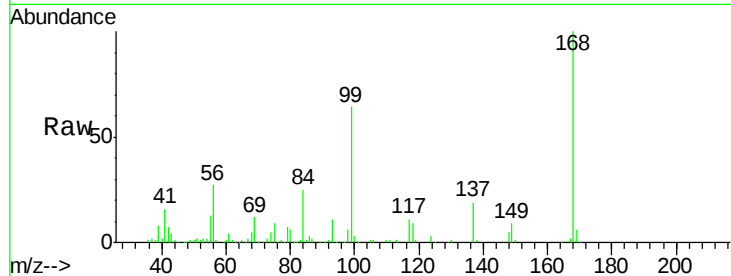
99 63.9 51.1 76.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.63

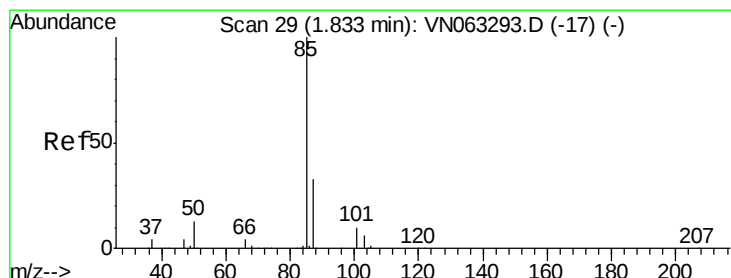
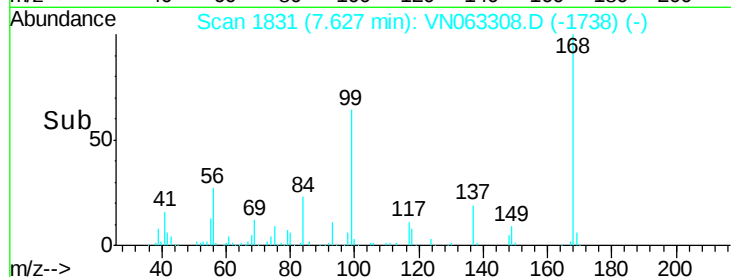
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.111 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063308.D

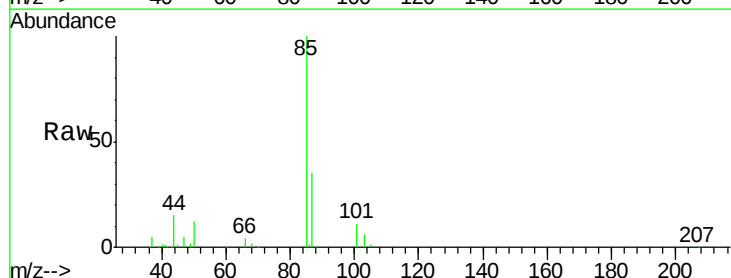
Acq: 11 Sep 2020 12:27

Tgt Ion: 85 Resp: 69662

Ion Ratio Lower Upper

85 100

87 34.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

60000

50000

40000

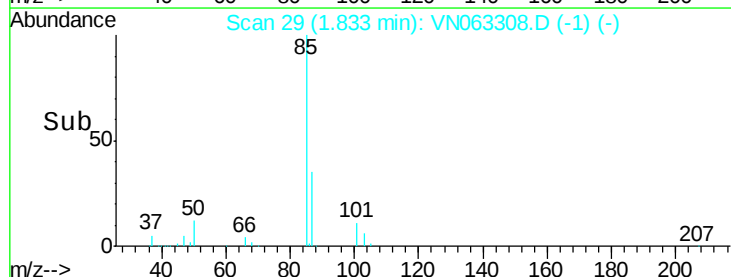
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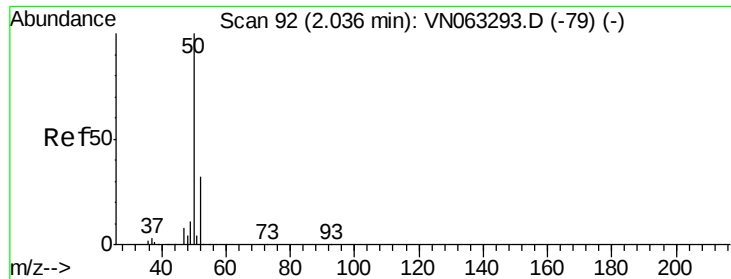
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.592 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

Tgt Ion: 50 Resp: 107281

Ion Ratio Lower Upper

50 100

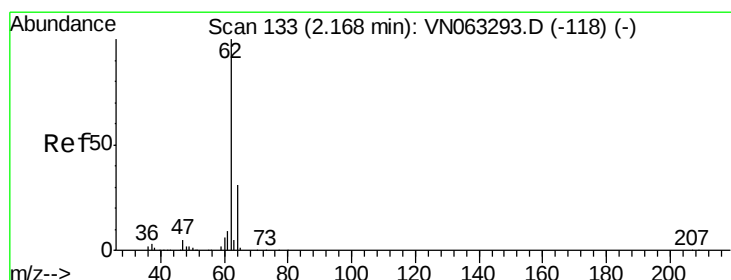
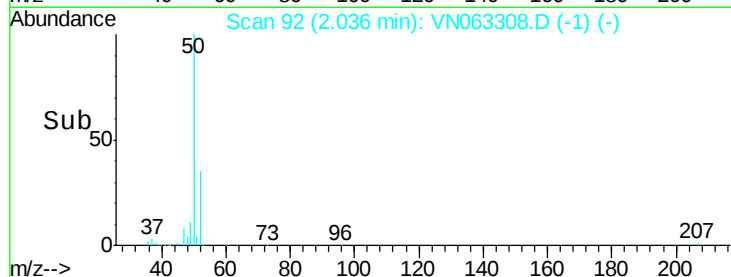
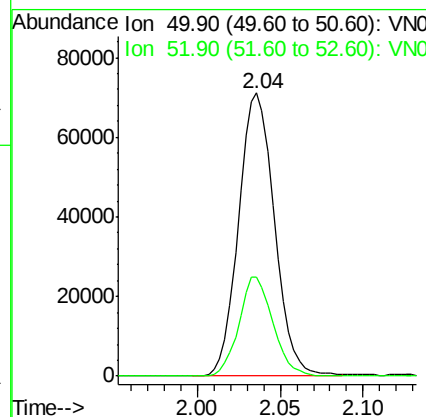
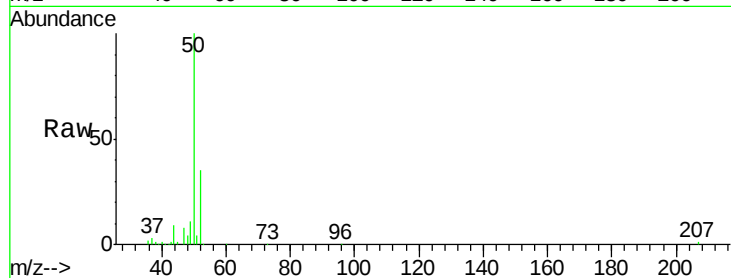
52 35.2 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.903 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063308.D

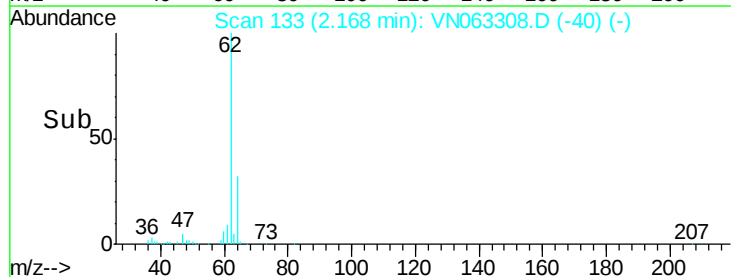
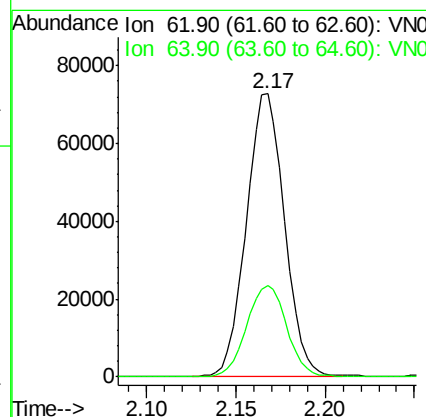
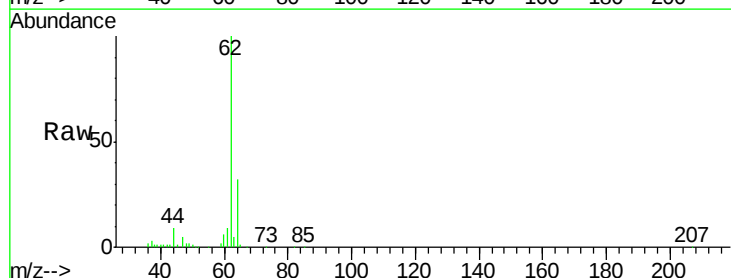
Acq: 11 Sep 2020 12:27

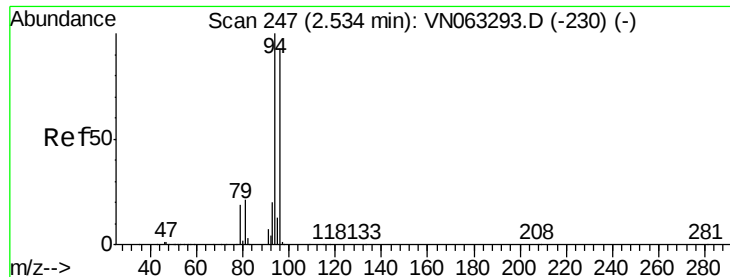
Tgt Ion: 62 Resp: 108878

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





#5

Bromomethane

Concen: 17.742 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

Tgt Ion: 94 Resp: 71296

Ion Ratio Lower Upper

94 100

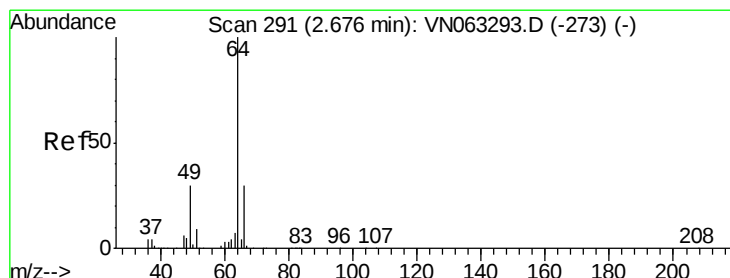
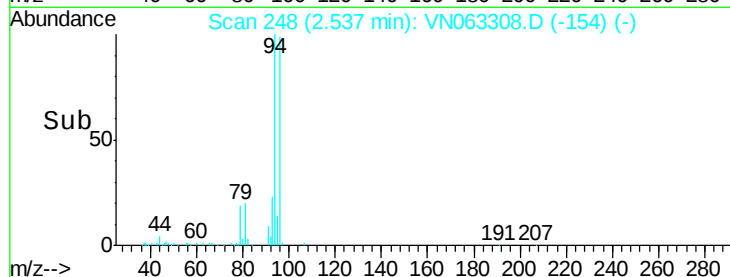
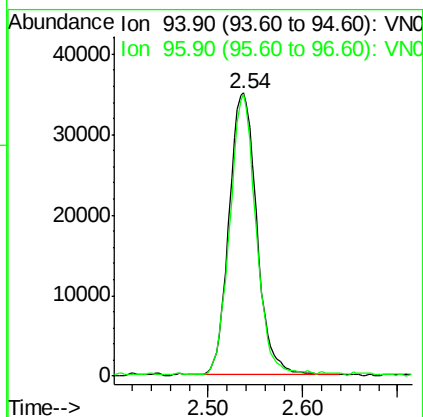
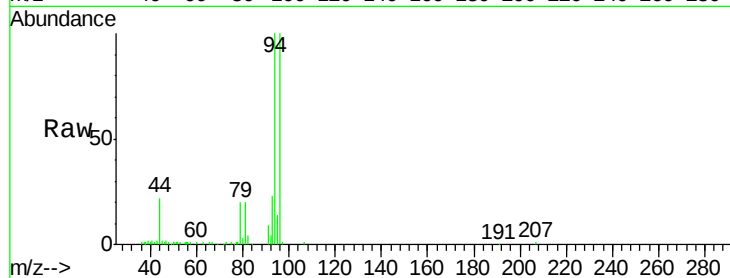
96 99.7 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 18.883 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063308.D

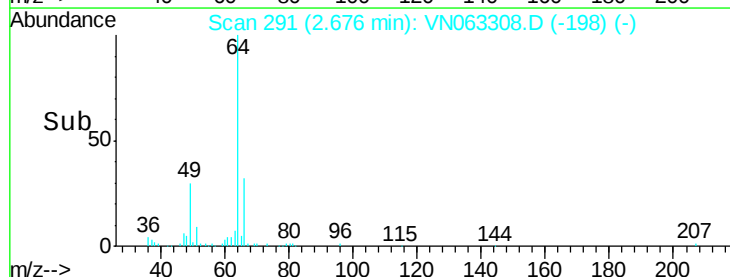
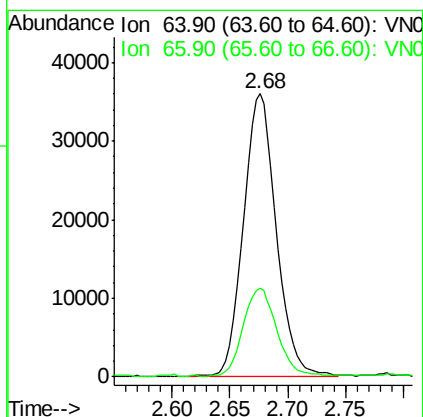
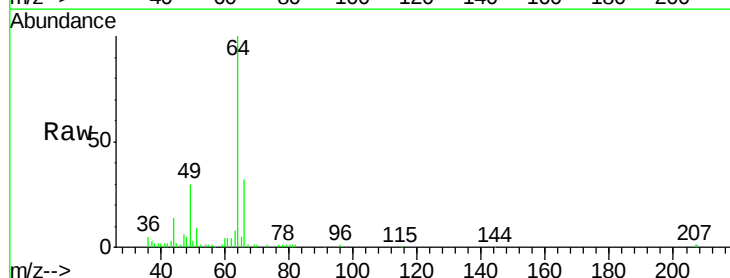
Acq: 11 Sep 2020 12:27

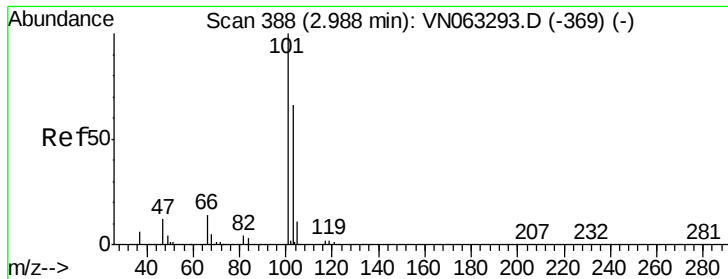
Tgt Ion: 64 Resp: 71146

Ion Ratio Lower Upper

64 100

66 31.6 23.8 35.6





#7

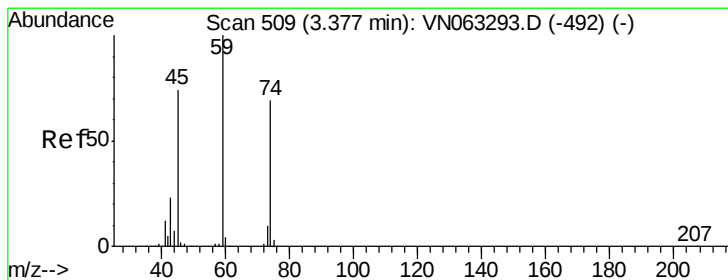
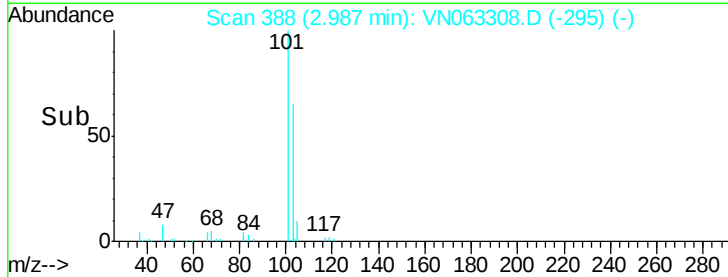
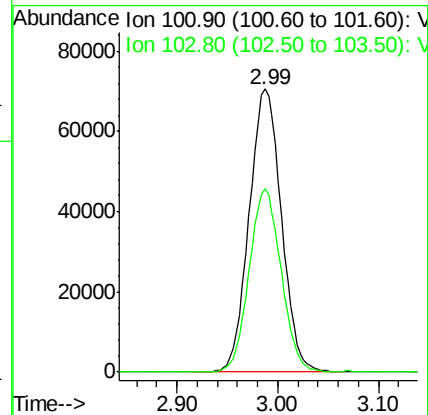
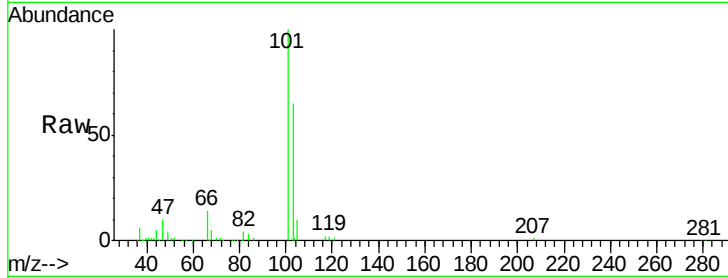
Trichlorofluoromethane
 Concen: 17.548 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.4	78.6

Manual Integrations
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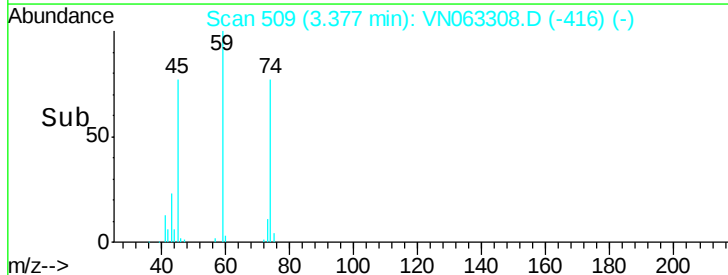
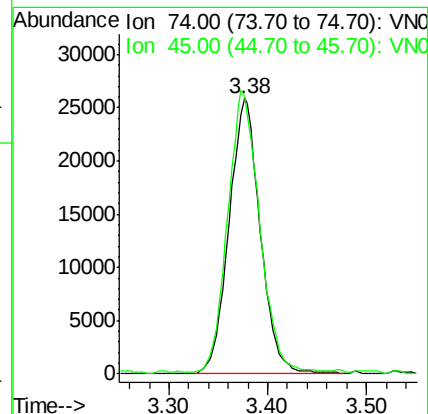
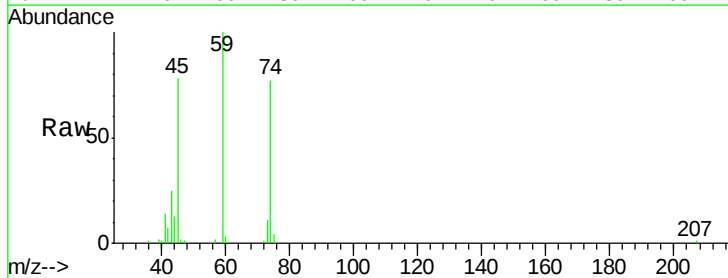
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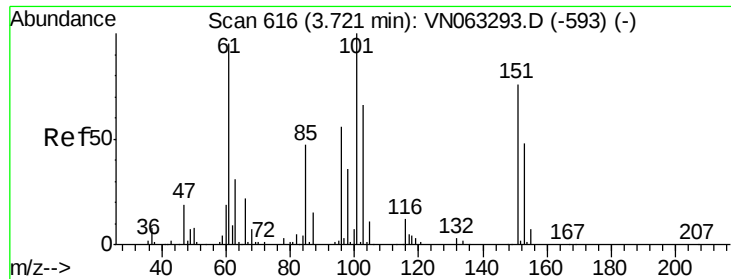


#8

Diethyl Ether
 Concen: 17.993 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.660 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

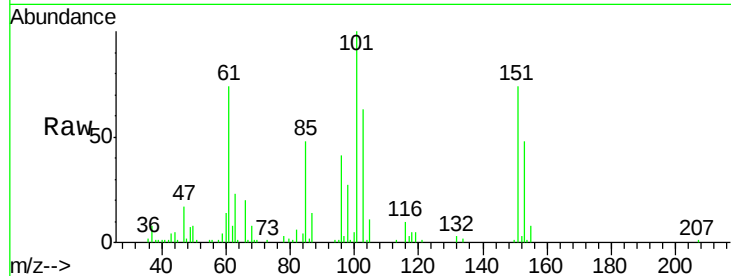
ClientSampleId :

VN0911WBS01

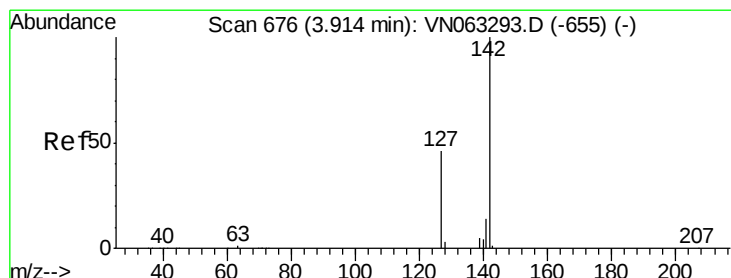
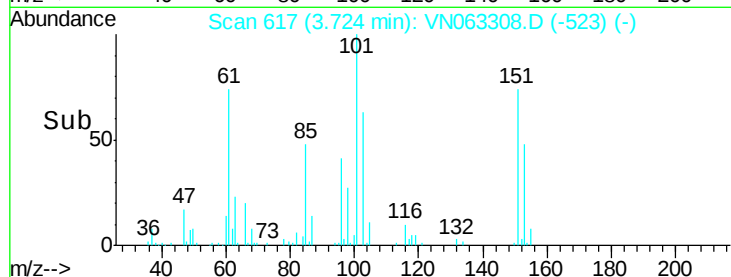
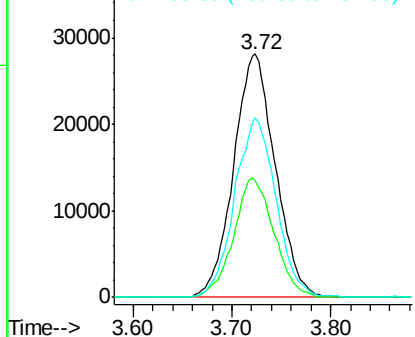
Tgt Ion:	101	Resp:	82182
Ion Ratio	Lower	Upper	
101	100		
85	47.3	36.9	55.3
151	73.2	57.8	86.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.794 ug/l

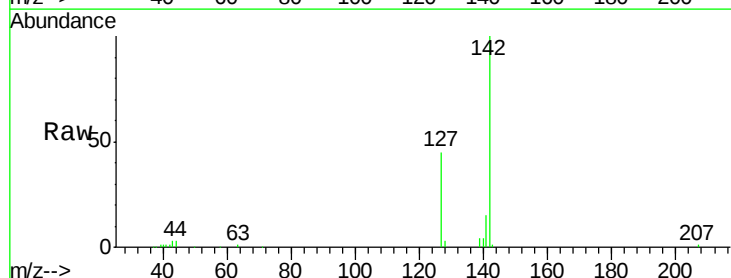
RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

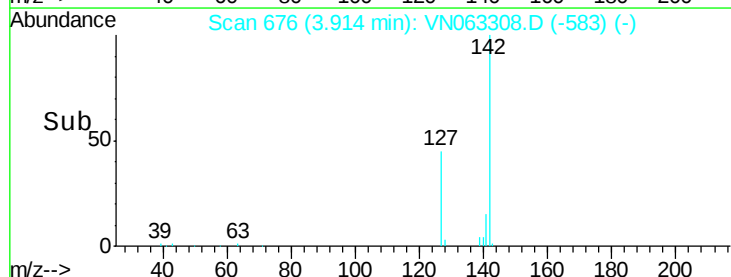
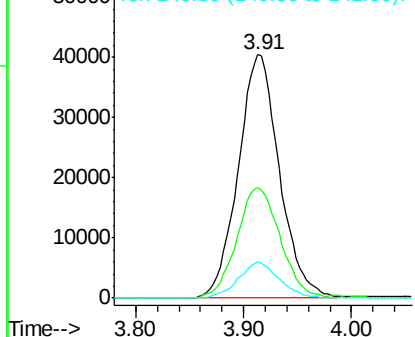
Lab File: VN063308.D

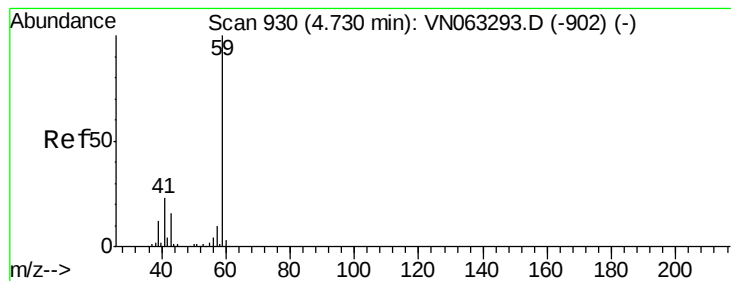
Acq: 11 Sep 2020 12:27

Tgt Ion:	142	Resp:	107342
Ion Ratio	Lower	Upper	
142	100		
127	47.6	37.1	55.7
141	14.6	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

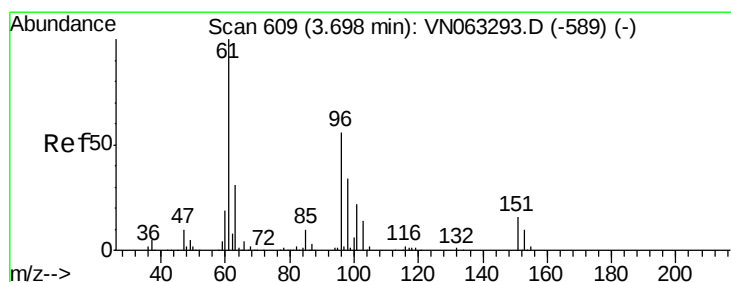
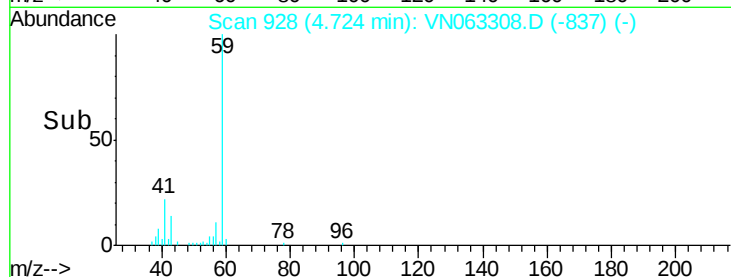
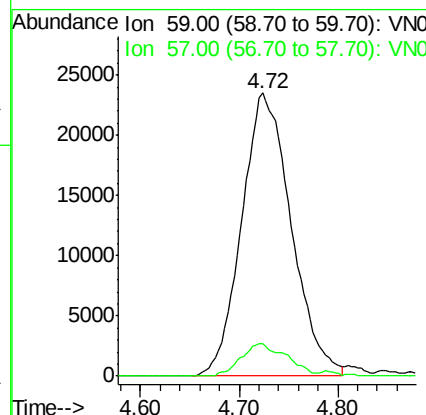
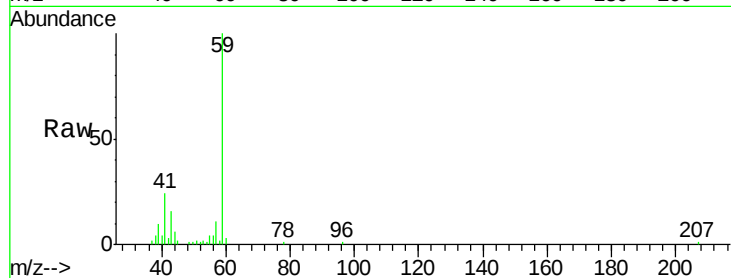
Tert butyl alcohol
 Concen: 92.898 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampled :
 VN0911WBS01

Tgt Ion: 59 Resp: 81802
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

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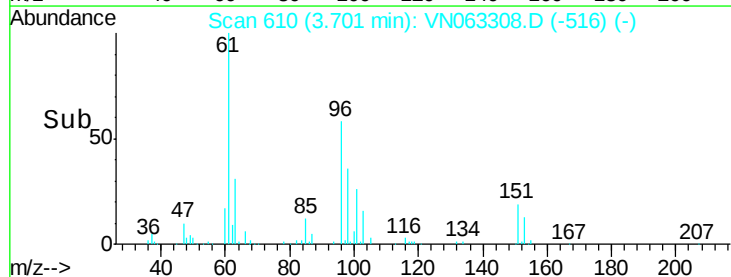
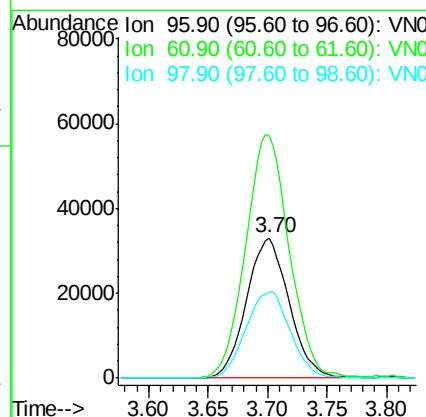
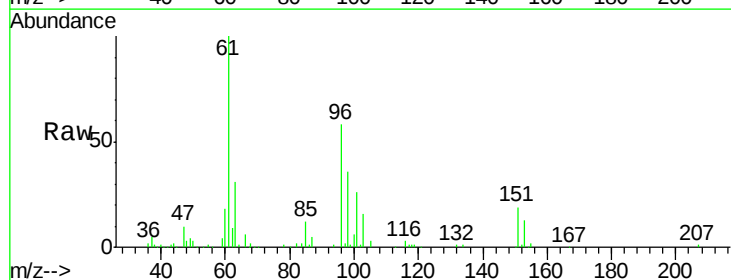
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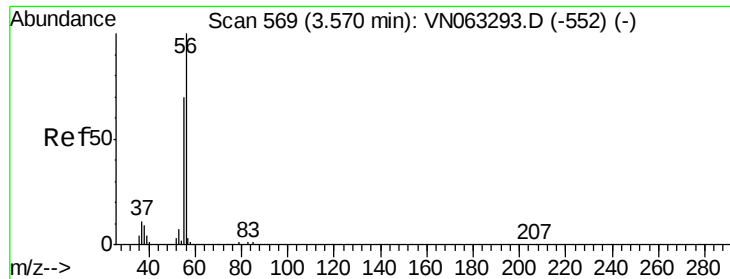


#12

1,1-Dichloroethene
 Concen: 17.640 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 96 Resp: 81943
 Ion Ratio Lower Upper
 96 100
 61 172.4 142.1 213.1
 98 61.4 48.8 73.2





#13

Acrolein

Concen: 113.469 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

Tgt Ion: 56 Resp: 49900

Ion Ratio Lower Upper

56 100

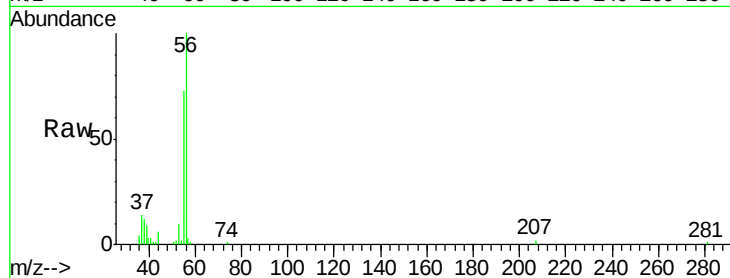
55 73.1 57.2 85.8

Manual Integrations

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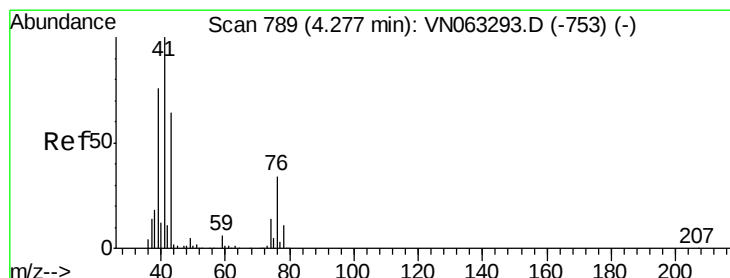
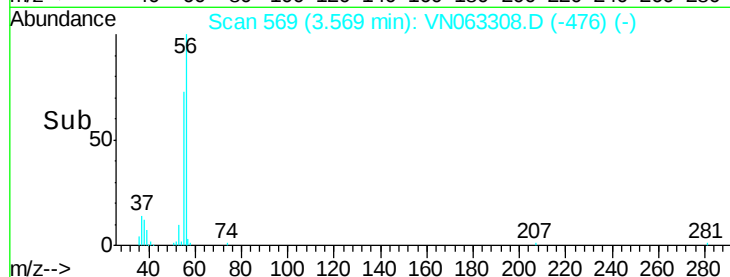
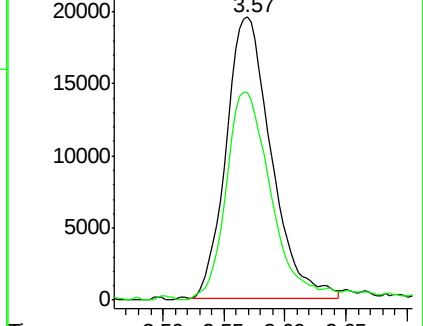
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.034 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

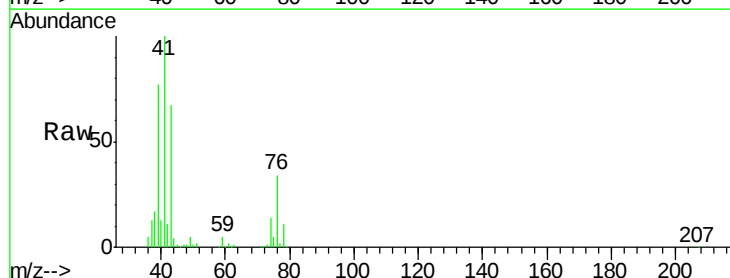
Tgt Ion: 41 Resp: 152902

Ion Ratio Lower Upper

41 100

39 75.8 57.4 86.2

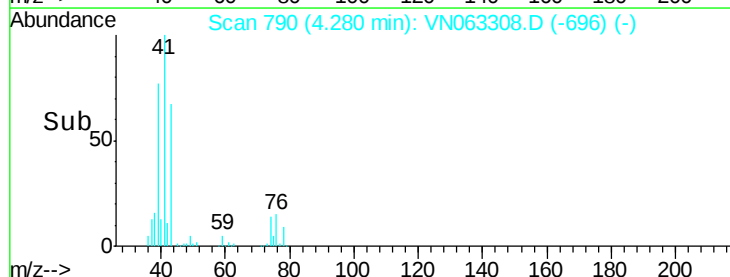
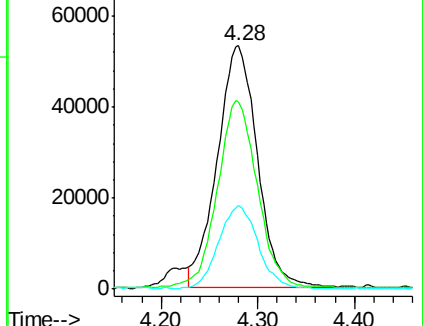
76 33.4 25.7 38.5

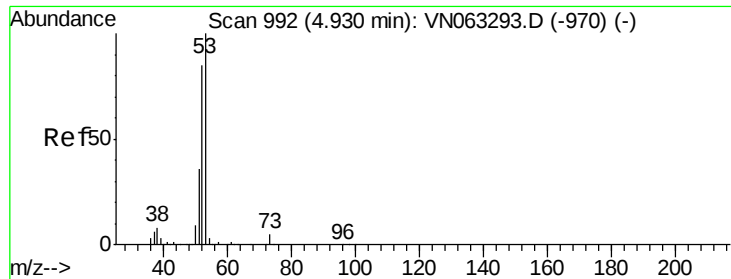


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 93.424 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

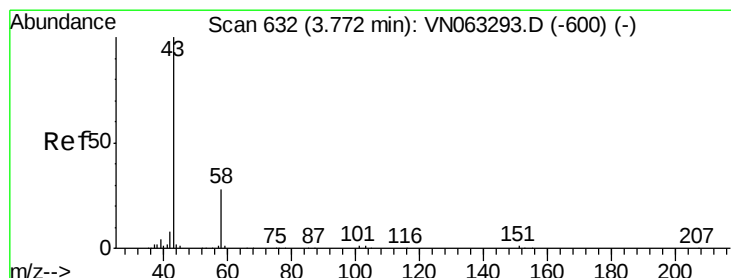
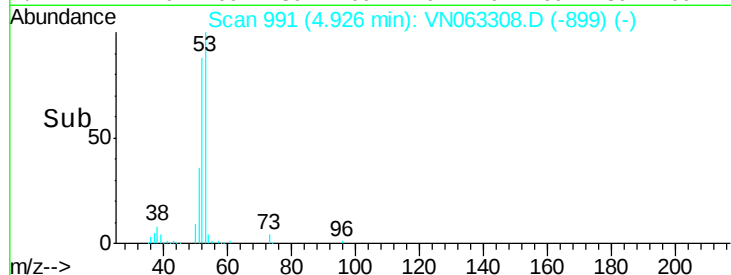
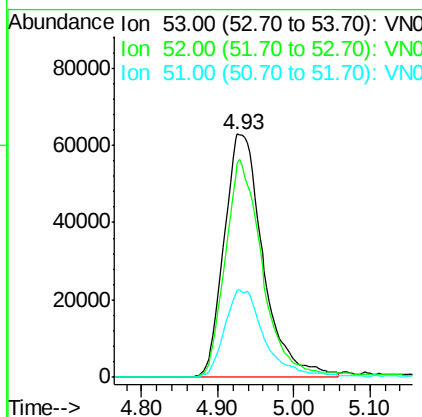
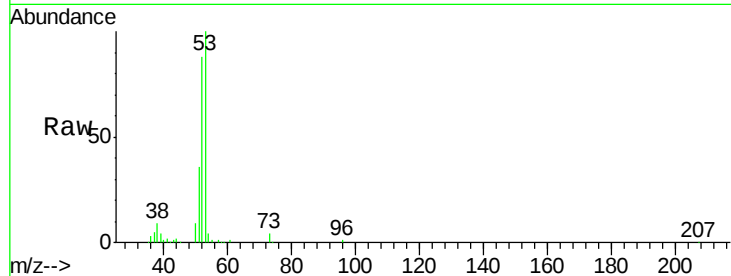
ClientSampleId :

VN0911WBS01

Tgt Ion:	53	Resp:	224924
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.5	99.7
51	35.8	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 86.543 ug/l

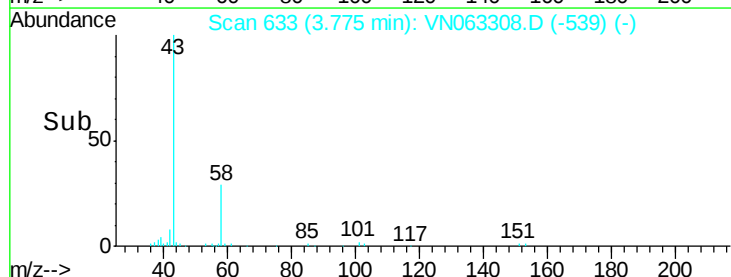
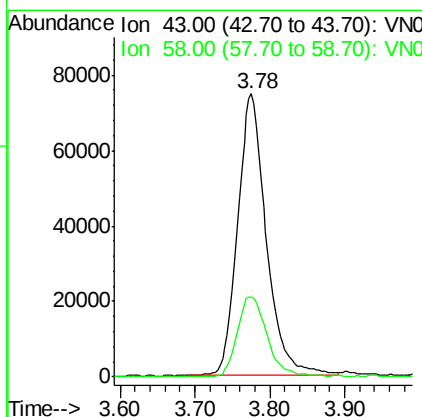
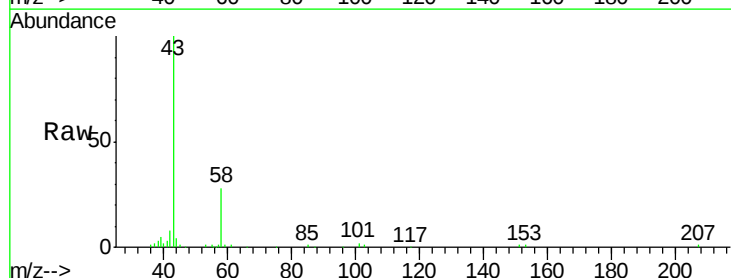
RT: 3.78 min Scan# 633

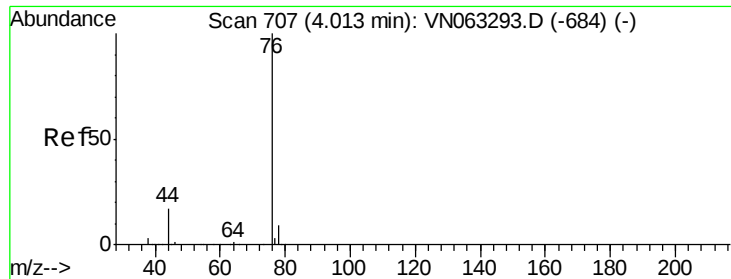
Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Tgt Ion:	43	Resp:	199027
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.6	34.0





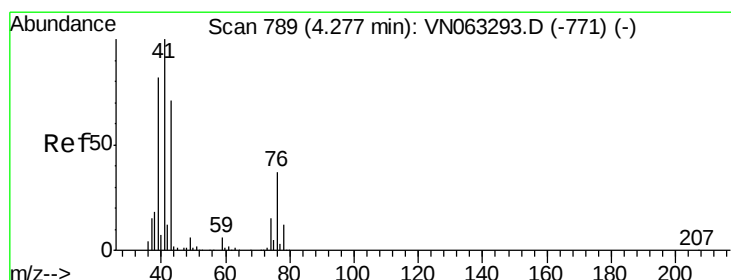
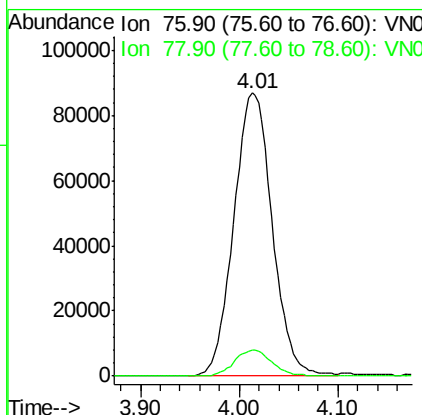
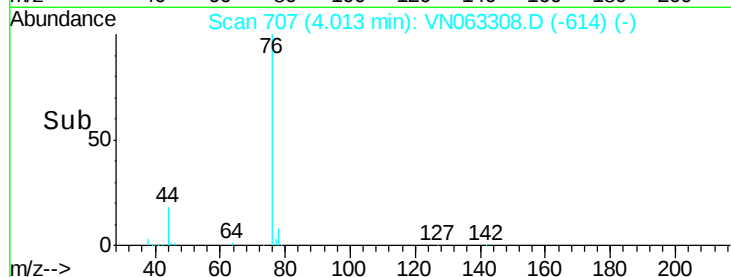
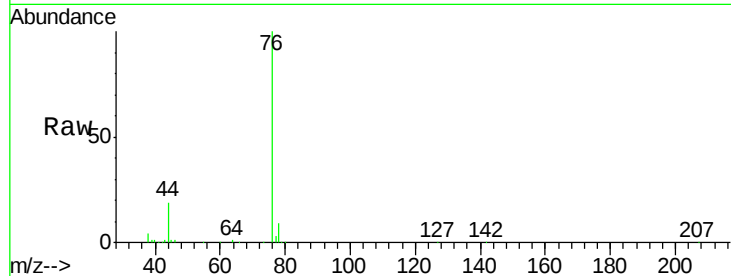
#17
Carbon Disulfide
Concen: 17.401 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion: 76 Resp: 234836
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

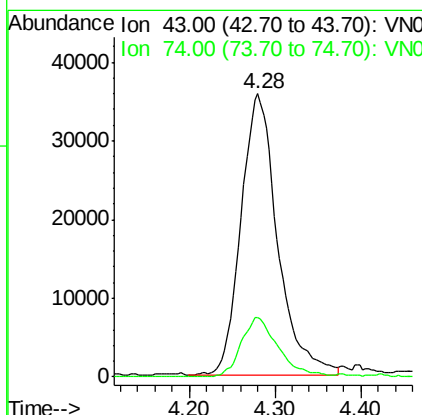
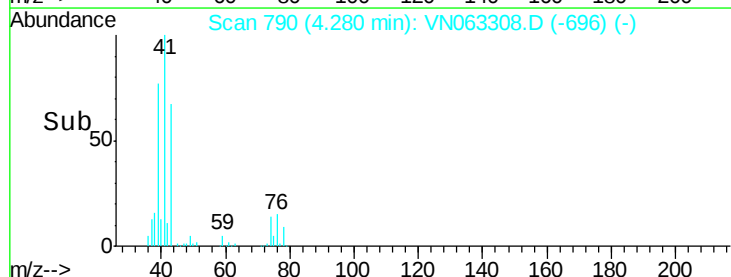
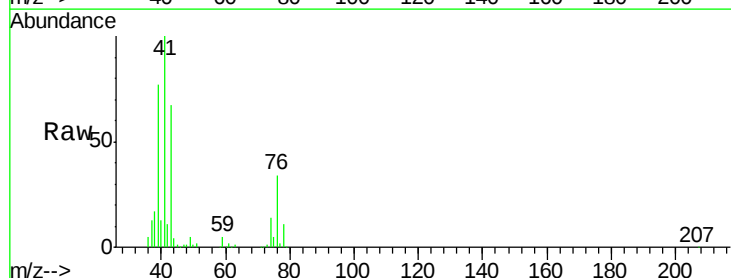
Manual Integrations
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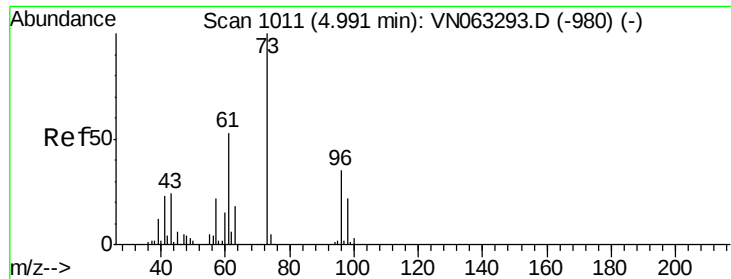
sam
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#18
Methyl Acetate
Concen: 18.346 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 43 Resp: 106062
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.6





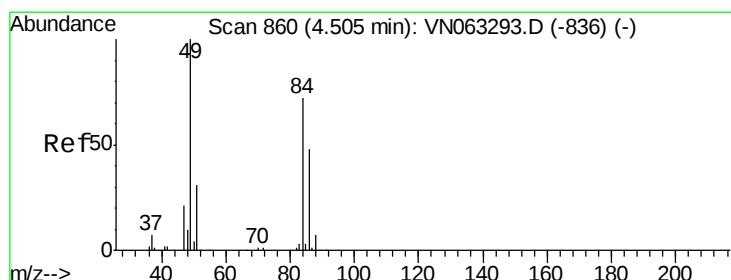
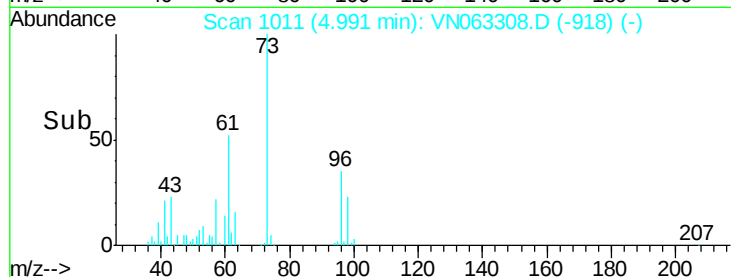
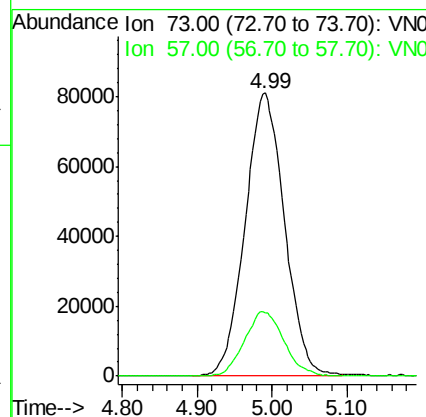
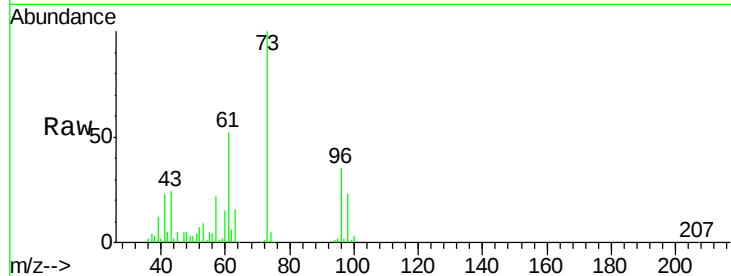
#19
Methyl tert-butyl Ether
Concen: 17.860 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion: 73 Resp: 296460
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3

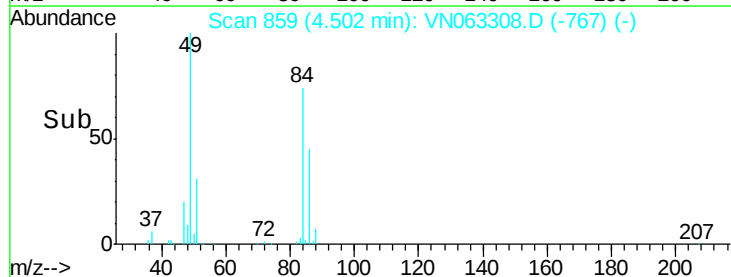
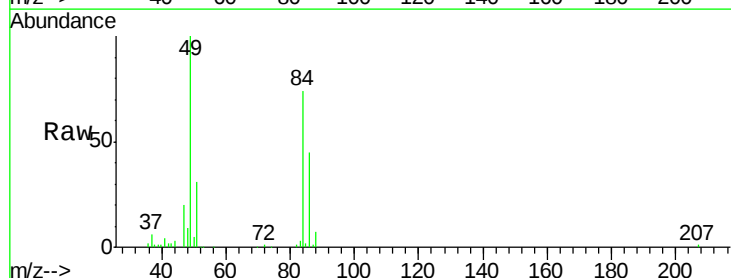
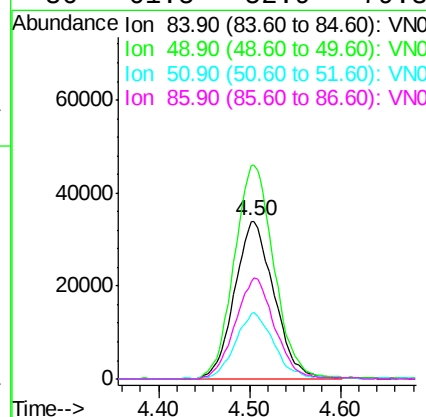
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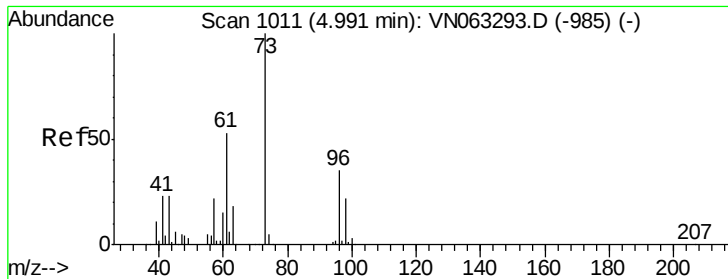
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#20
Methylene Chloride
Concen: 18.723 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 84 Resp: 102204
Ion Ratio Lower Upper
84 100
49 135.2 111.1 166.7
51 41.5 34.3 51.5
86 61.5 52.9 79.3





#21

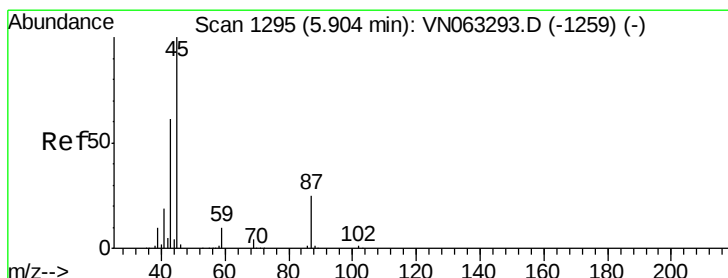
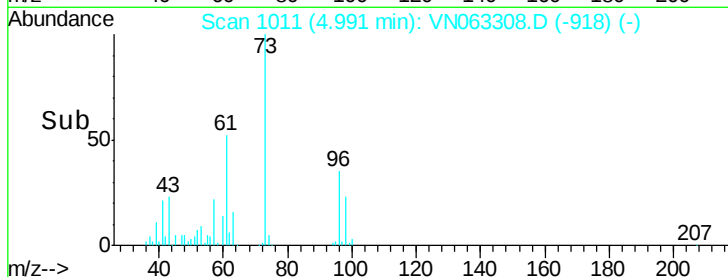
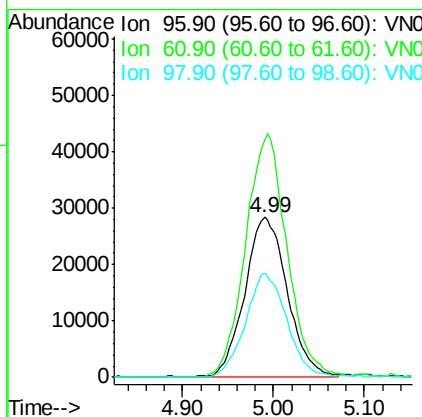
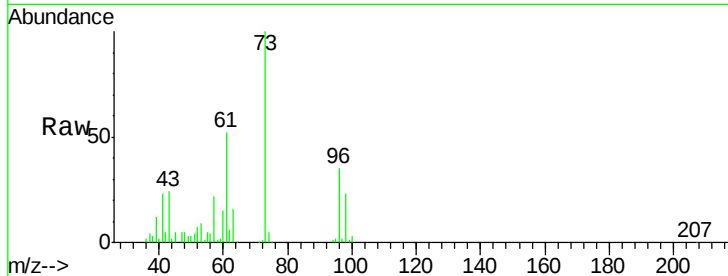
trans-1,2-Dichloroethene
Concen: 17.810 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.0	121.8	182.8
98	64.9	51.2	76.8

Manual Integrations
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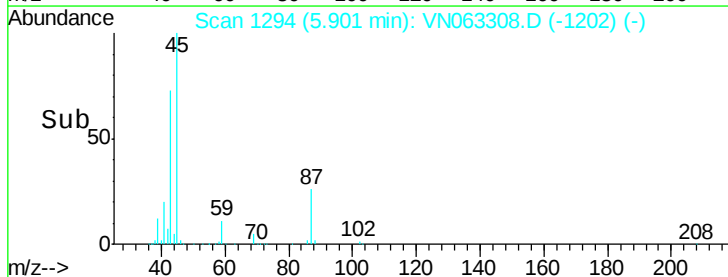
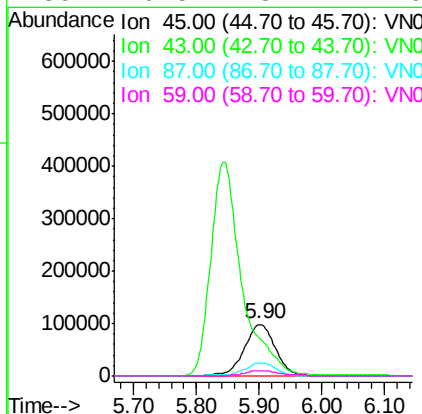
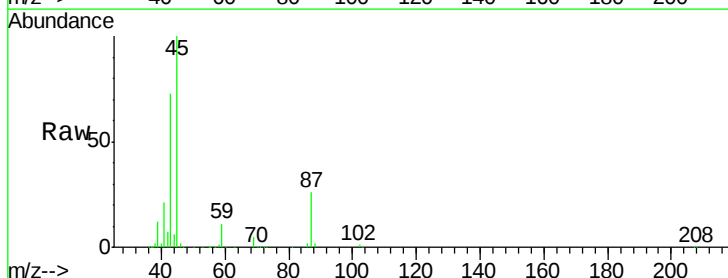
sam
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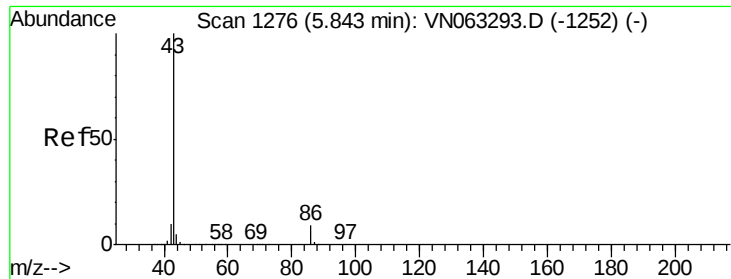


#22

Diisopropyl ether
Concen: 18.197 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.1	50.3	75.5
87	25.6	20.7	31.1
59	10.5	8.4	12.6





#23

Vinyl Acetate

Concen: 95.531 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

Tgt Ion: 43 Resp: 1411136

Ion Ratio Lower Upper

43 100

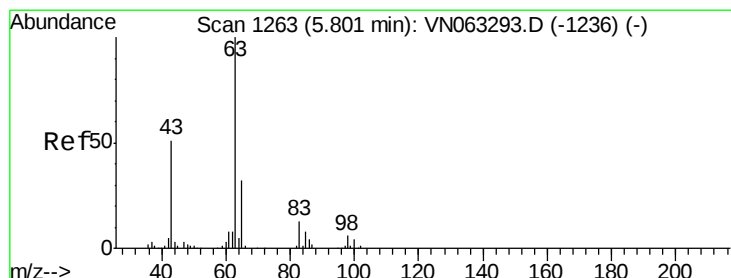
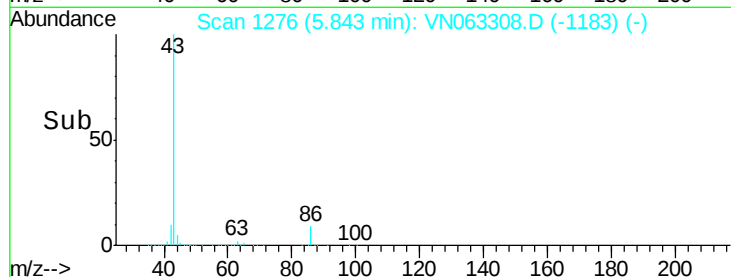
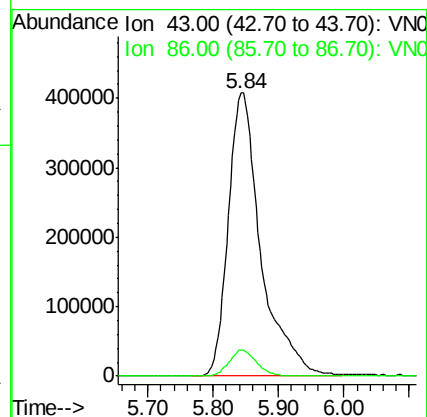
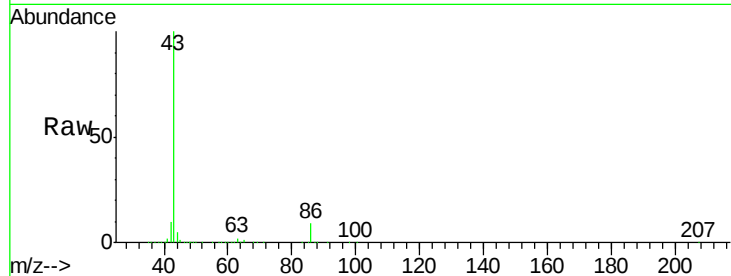
86 9.2 7.2 10.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.973 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

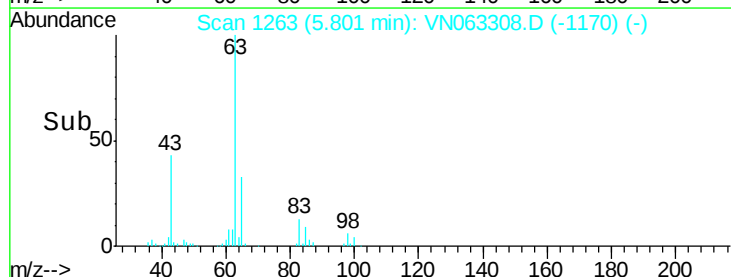
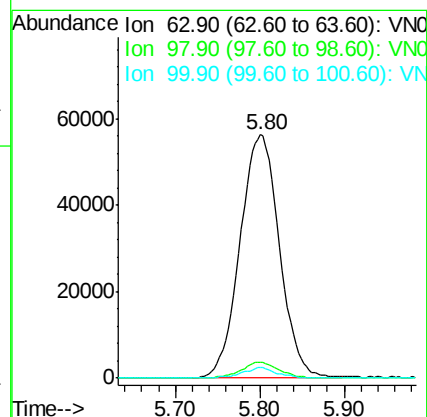
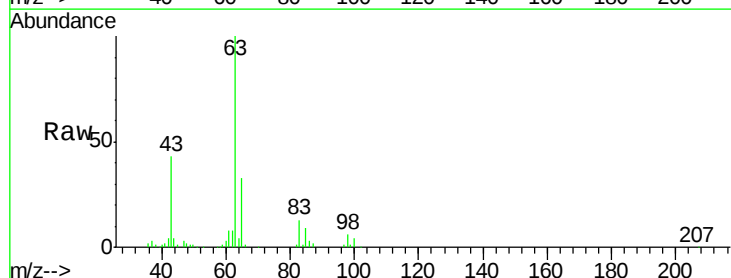
Tgt Ion: 63 Resp: 182652

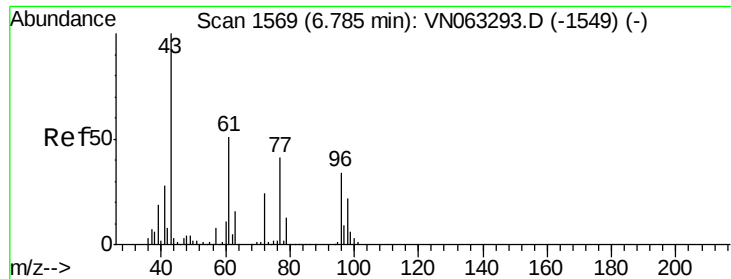
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 92.217 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

Tgt Ion: 43 Resp: 313274

Ion Ratio Lower Upper

43 100

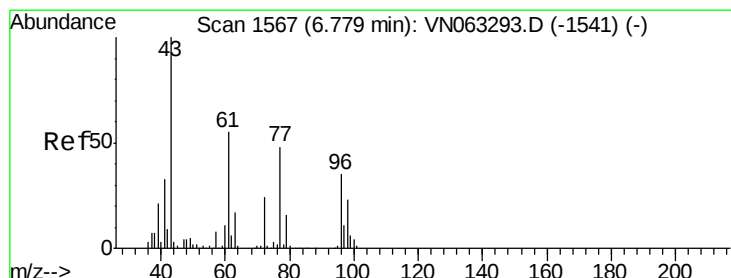
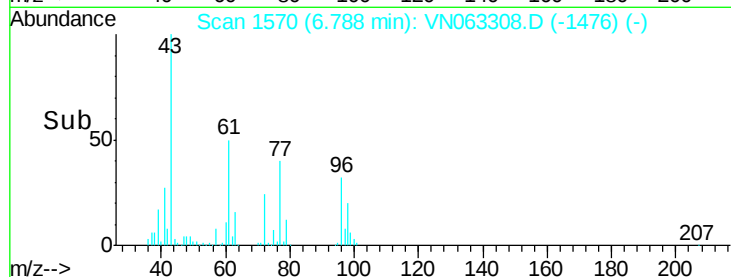
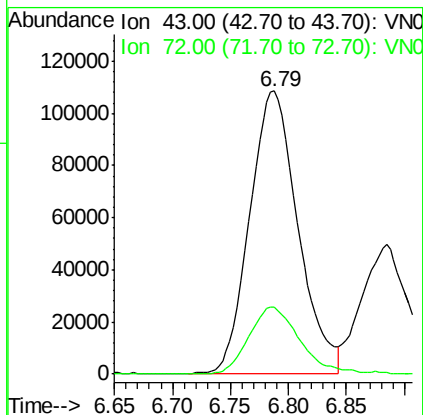
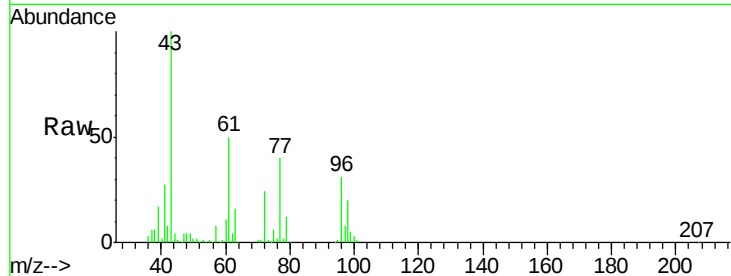
72 23.8 19.4 29.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.585 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063308.D

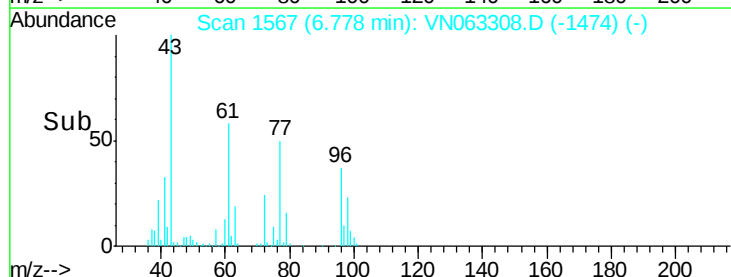
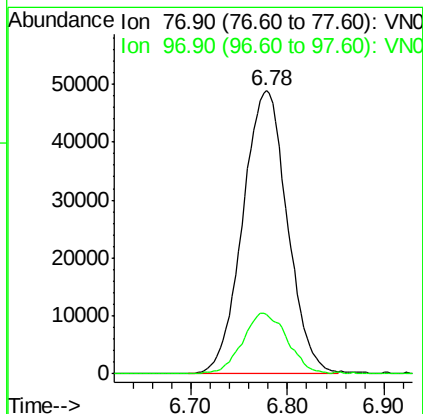
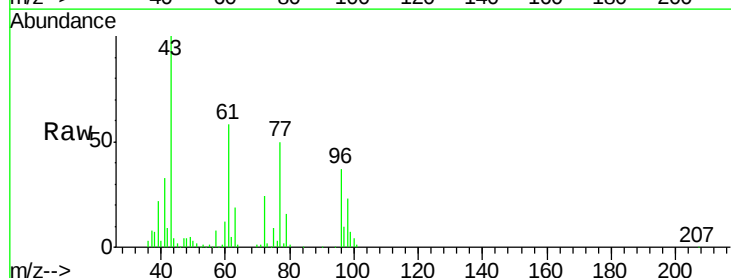
Acq: 11 Sep 2020 12:27

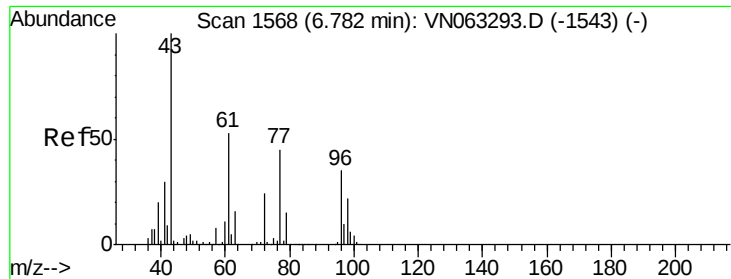
Tgt Ion: 77 Resp: 156636

Ion Ratio Lower Upper

77 100

97 21.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 17.727 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

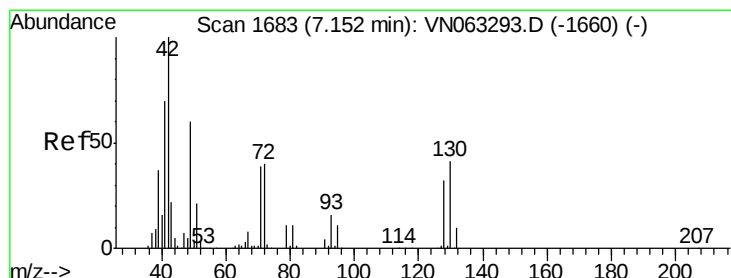
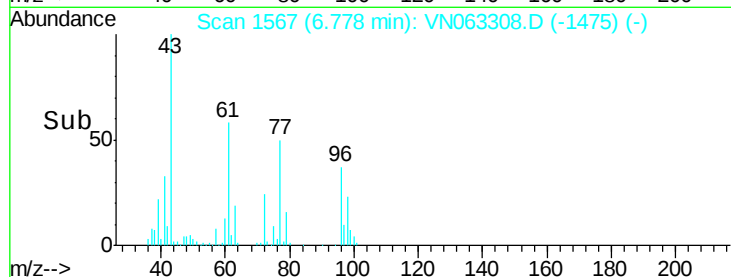
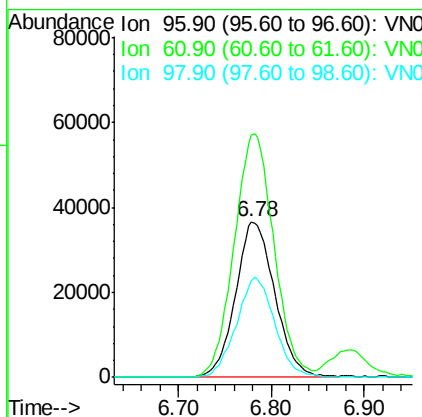
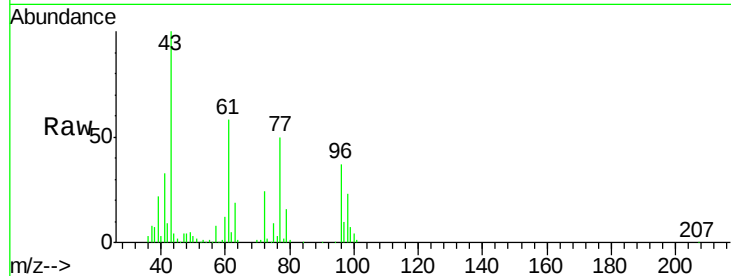
ClientSampleId :

VN0911WBS01

Tgt Ion:	96	Resp:	107396
Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	322.8
98	62.7	0.0	132.2

Manual Integrations
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#28

Bromochloromethane

Concen: 18.030 ug/l

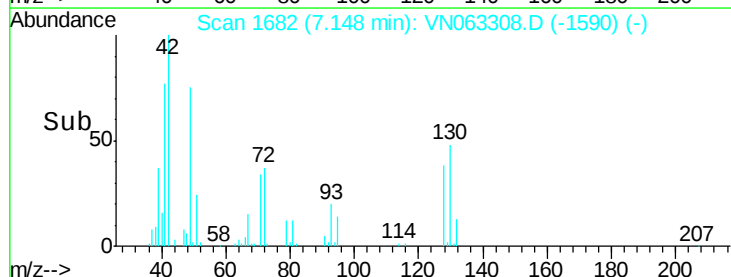
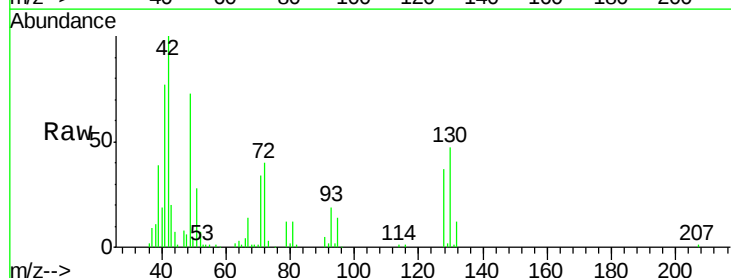
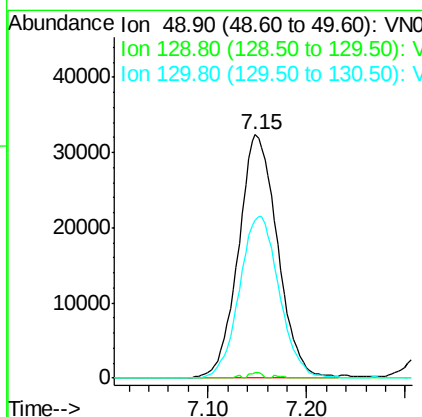
RT: 7.15 min Scan# 1682

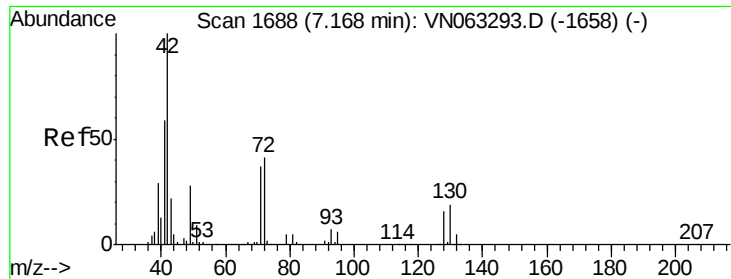
Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Tgt Ion:	49	Resp:	88852
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.4
130	67.5	53.1	79.7





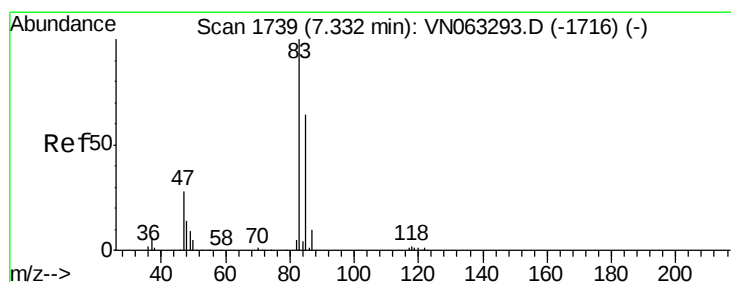
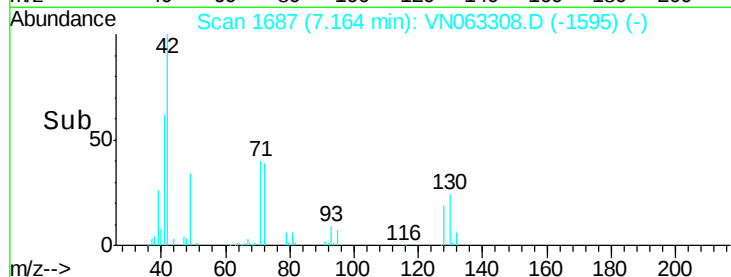
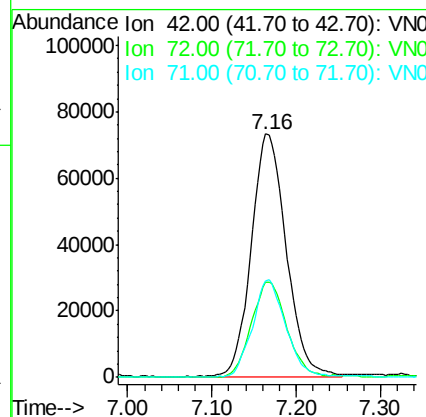
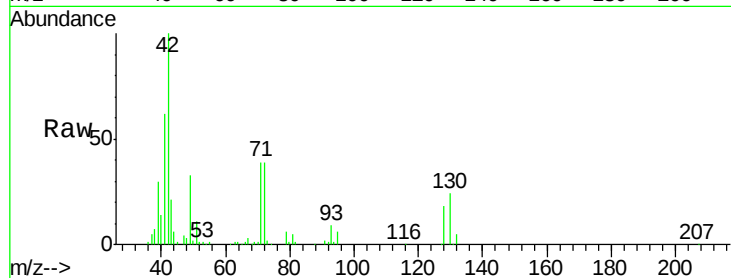
#29
Tetrahydrofuran
Concen: 95.386 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.4	47.2
71	38.3	30.0	45.0

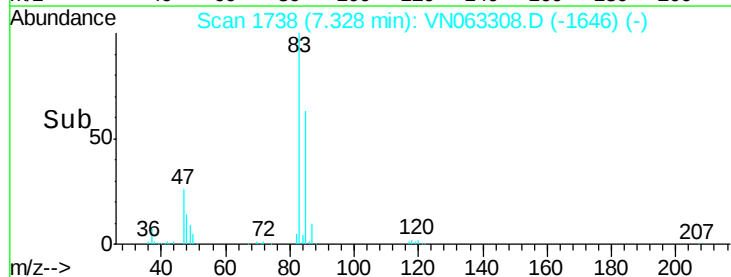
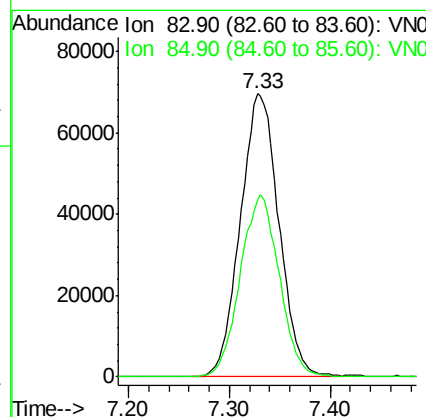
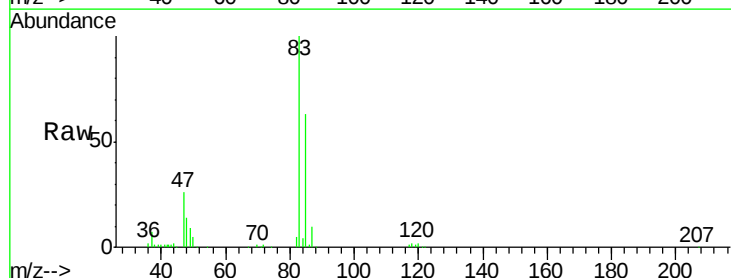
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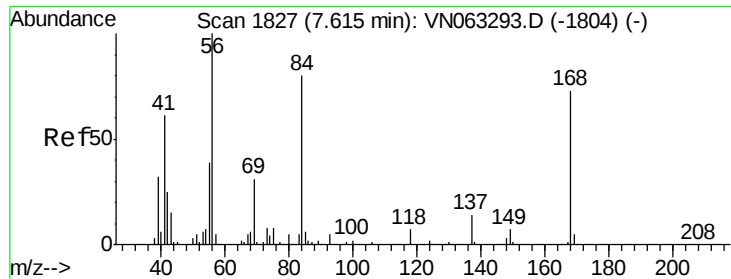
sam
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#30
Chloroform
Concen: 18.120 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8





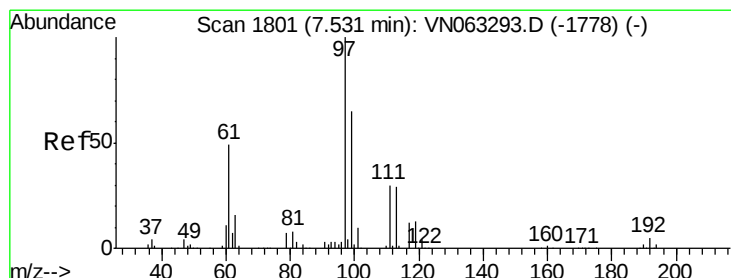
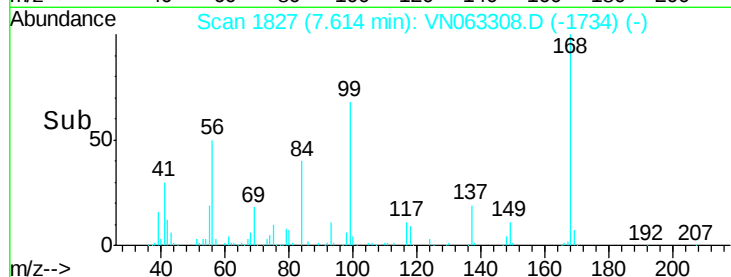
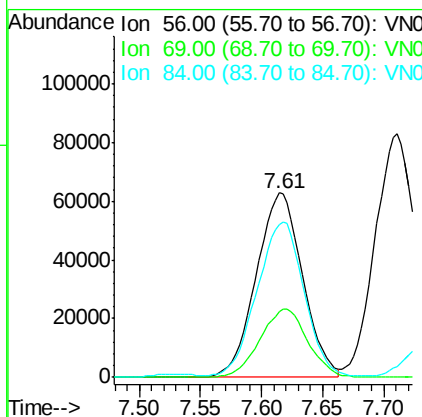
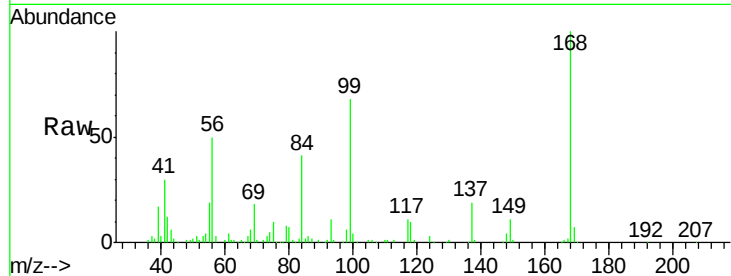
#31
Cyclohexane
Concen: 17.767 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.4	25.1	37.7
84	81.6	64.2	96.2

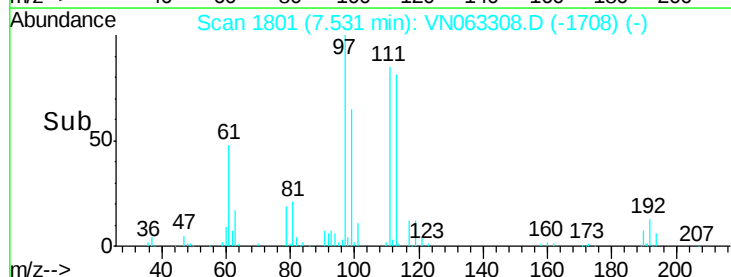
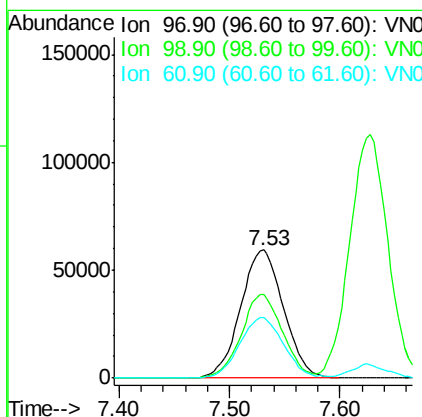
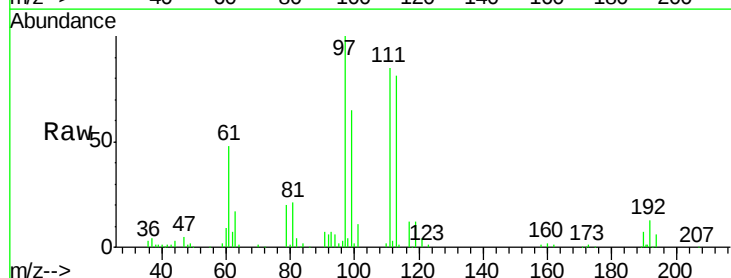
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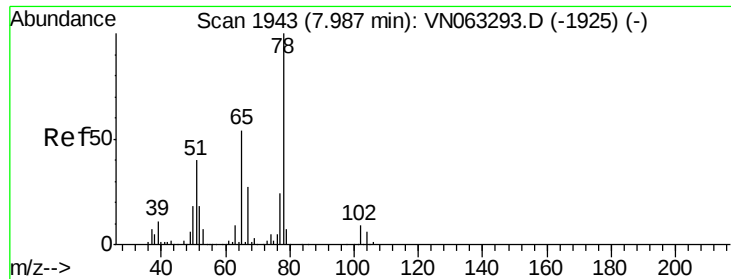
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#32
1,1,1-Trichloroethane
Concen: 18.078 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.4	77.2
61	48.5	38.9	58.3





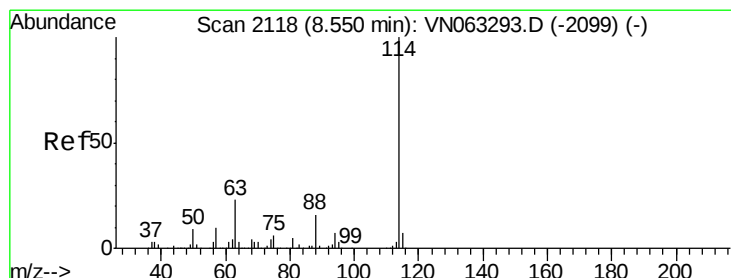
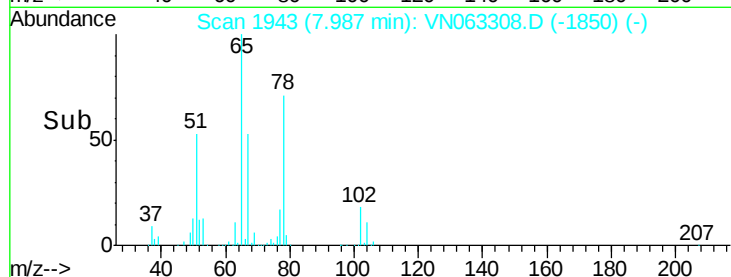
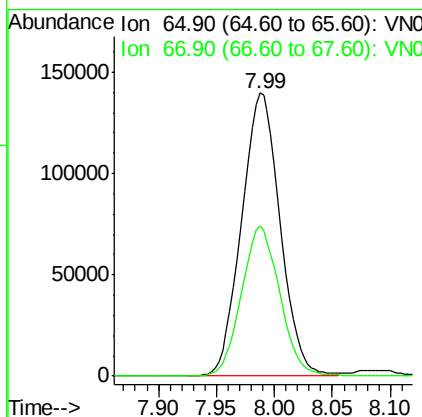
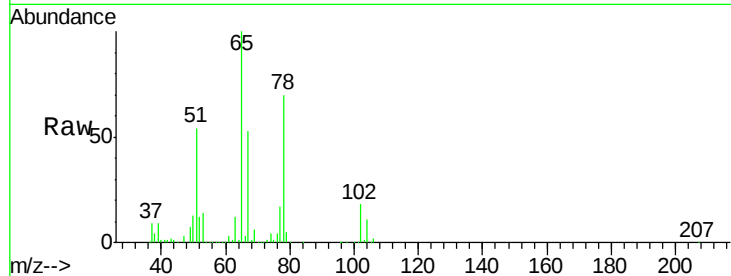
#33
 1,2-Dichloroethane-d4
 Concen: 48.706 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	324387		
67	52.4	0.0	104.6	

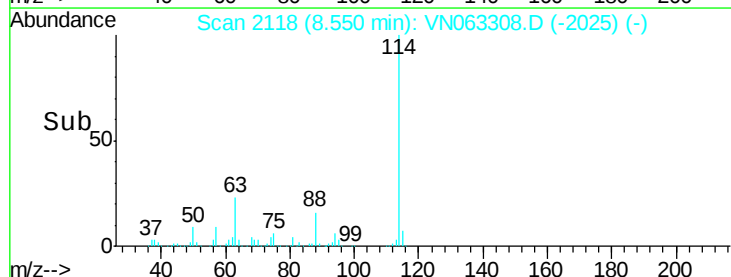
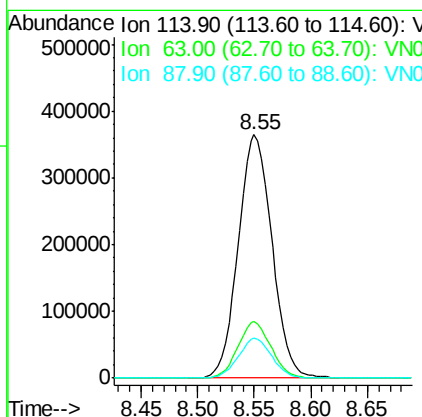
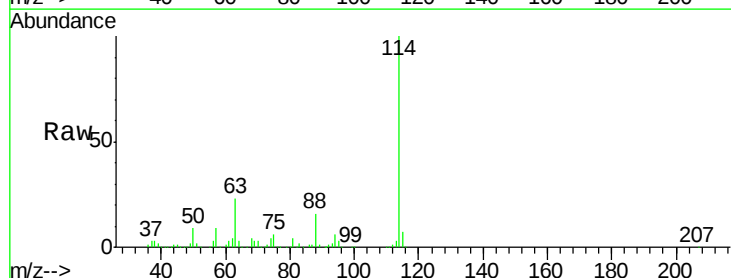
Manual Integrations
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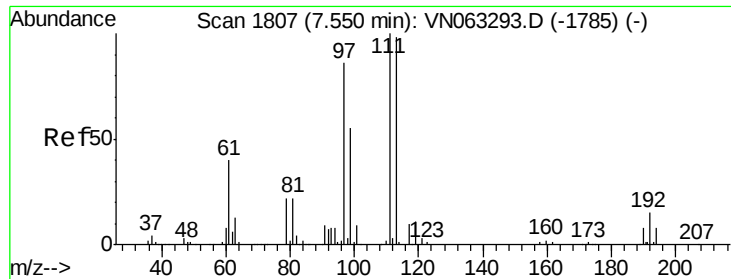
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	758494		
63	23.3	0.0	46.0	
88	16.4	0.0	32.8	





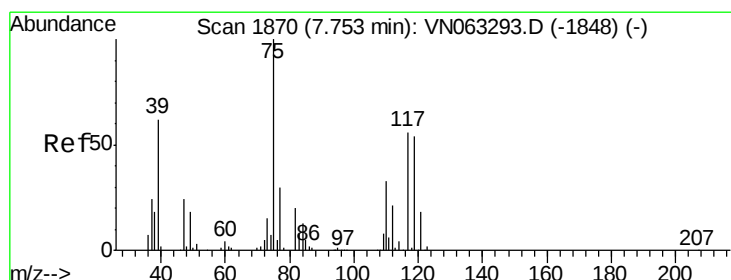
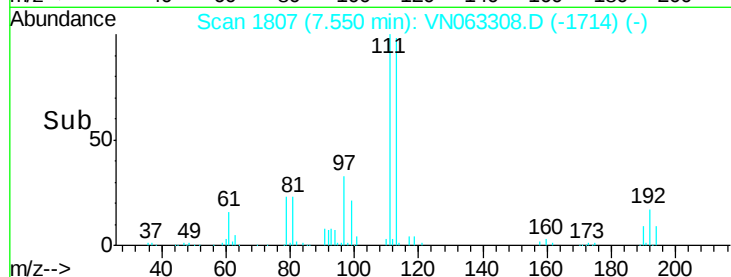
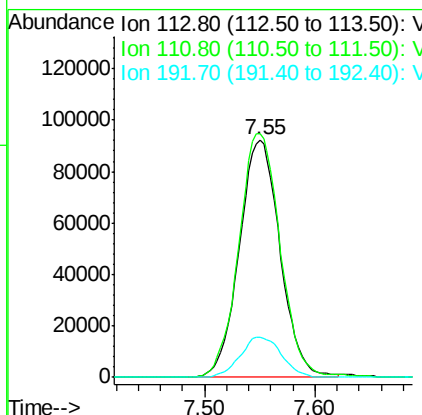
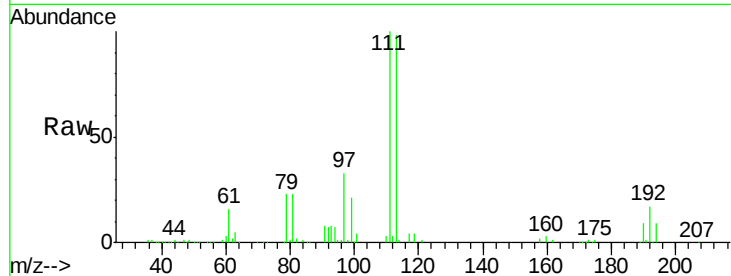
#35
 Dibromofluoromethane
 Concen: 48.217 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	235938		
111	104.5	82.2	123.2	
192	17.4	12.9	19.3	

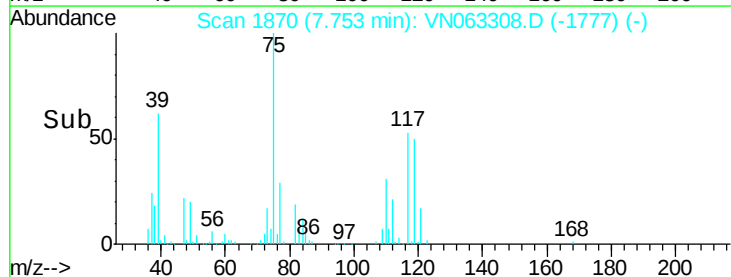
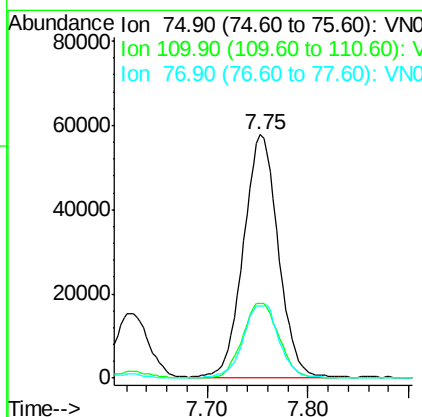
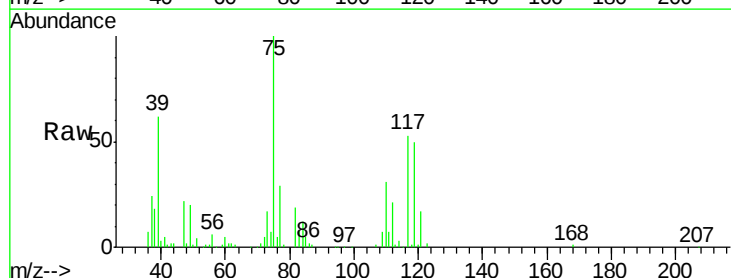
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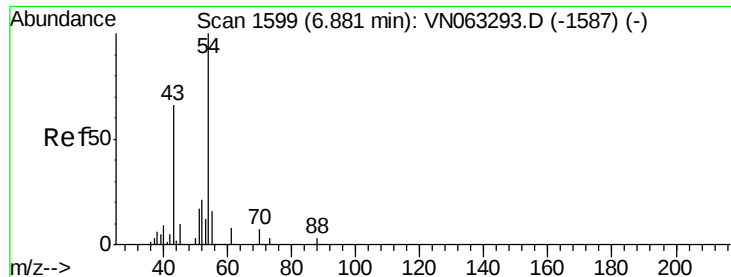
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#36
 1,1-Dichloropropene
 Concen: 17.577 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	137038		
110	32.4	16.4	49.4	
77	31.3	24.8	37.2	





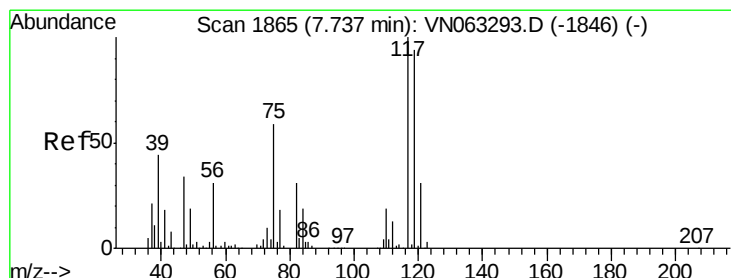
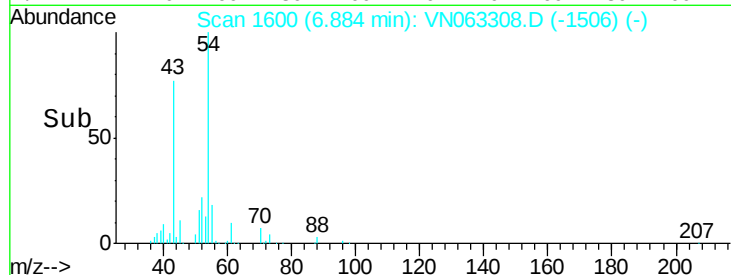
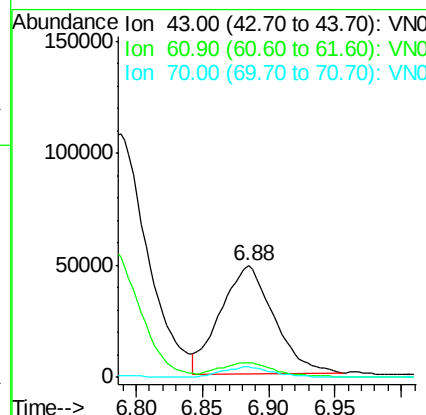
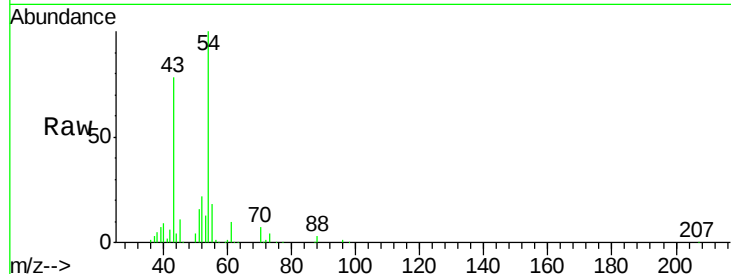
#37
 Ethyl Acetate
 Concen: 17.615 ug/l
 RT: 6.88 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.1	15.1
70	9.3	7.4	11.2

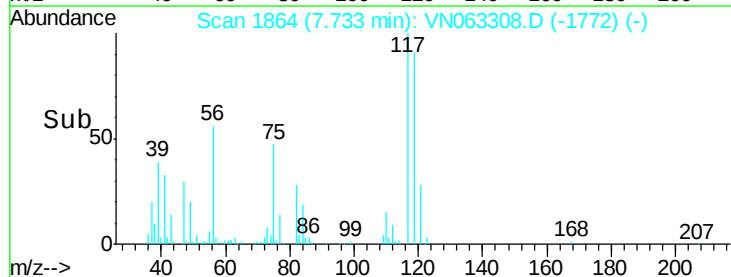
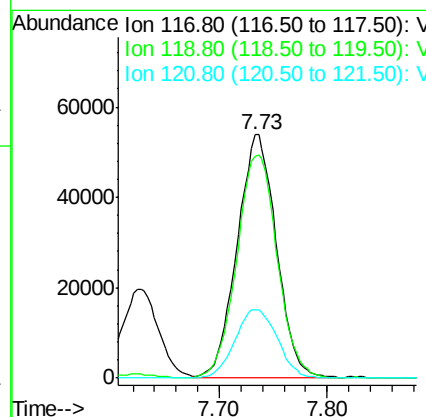
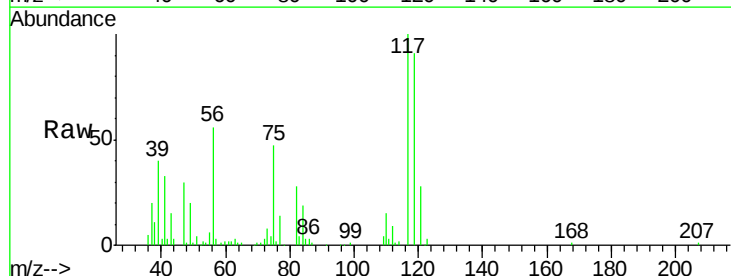
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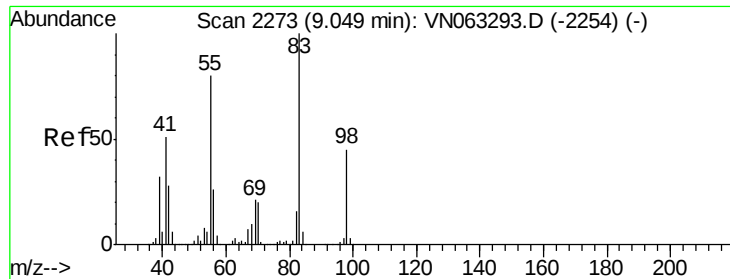
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#38
 Carbon Tetrachloride
 Concen: 17.653 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.3	112.9
121	28.3	24.6	37.0





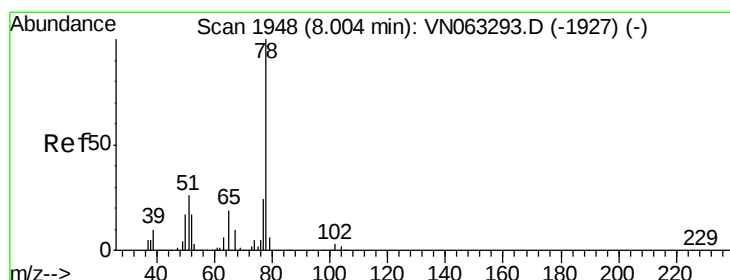
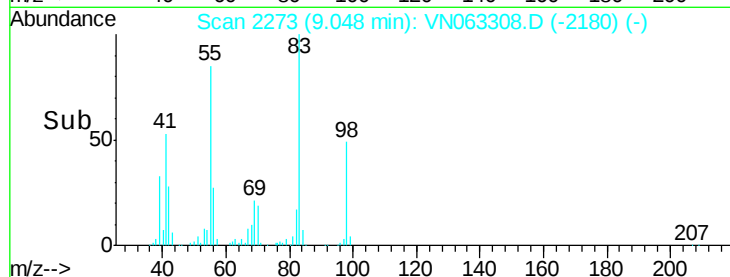
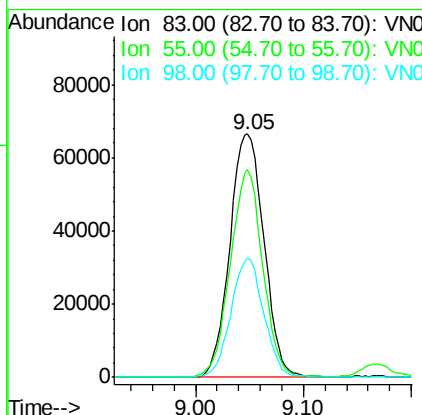
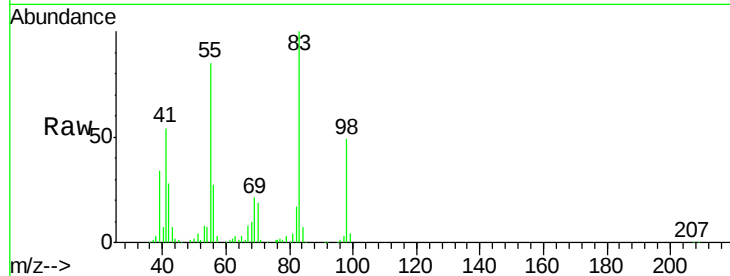
#39
Methylcyclohexane
Concen: 17.194 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.5	64.0	96.0
98	49.0	36.4	54.6

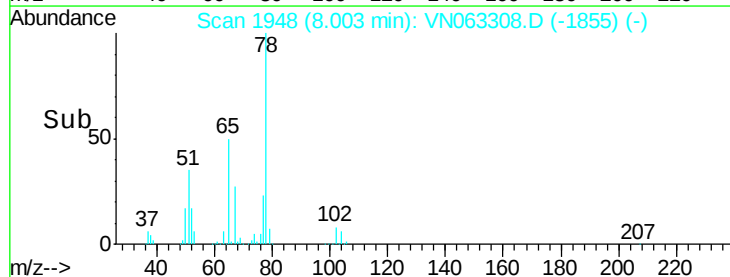
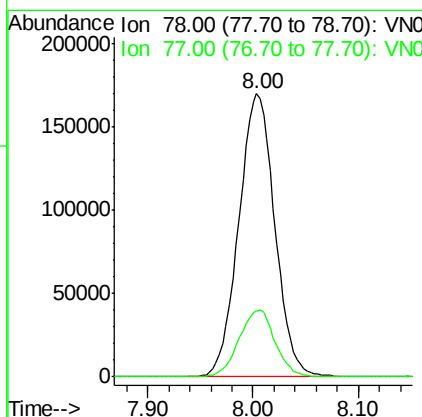
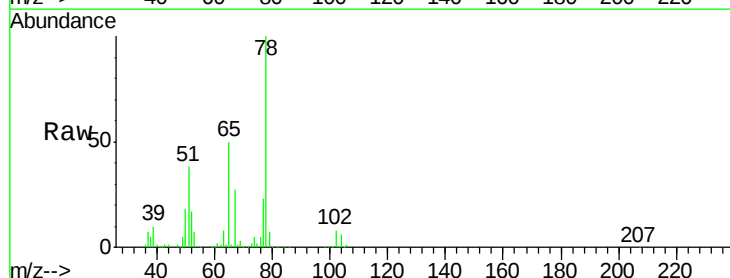
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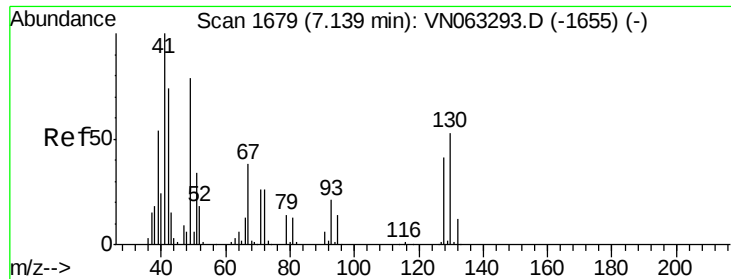
sam
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#40
Benzene
Concen: 18.143 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





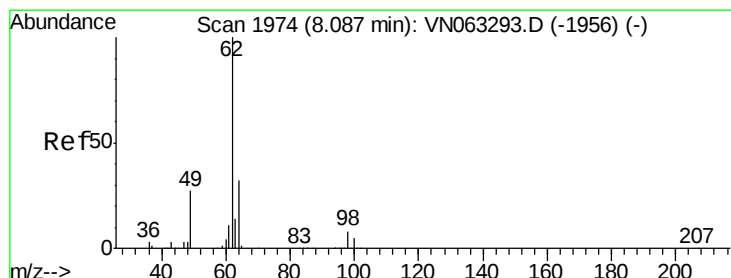
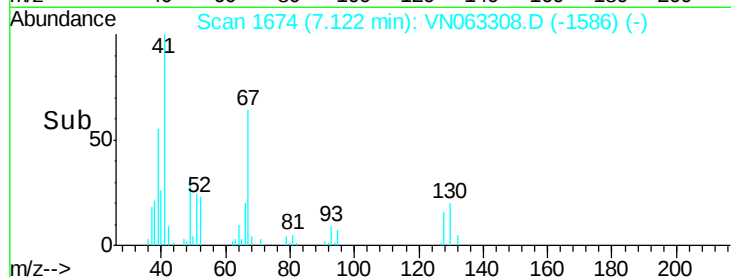
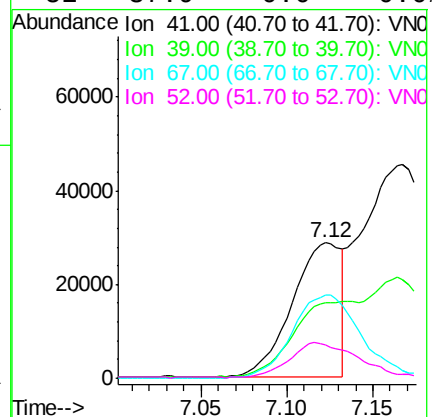
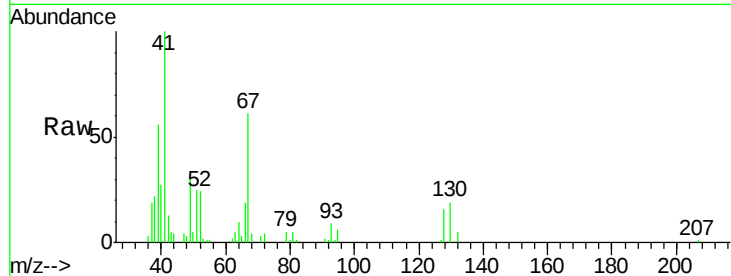
#41
Methacrylonitrile
Concen: 16.584 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	71.2	0.0	0.0#
67	86.6	0.0	0.0#
52	37.9	0.0	0.0#

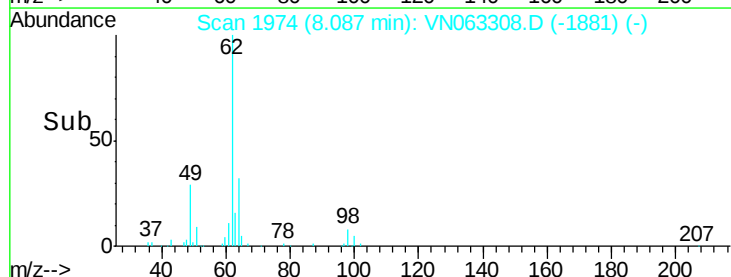
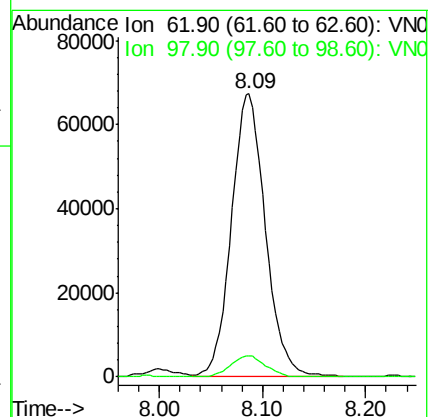
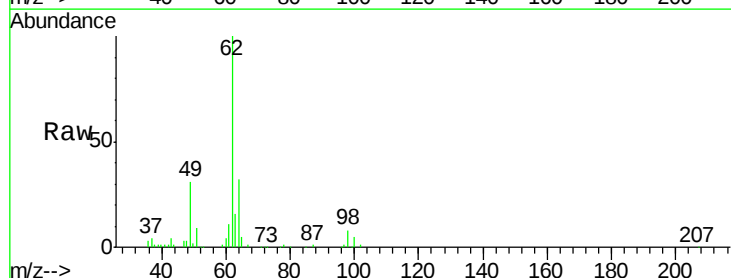
Manual Integrations
APPROVED

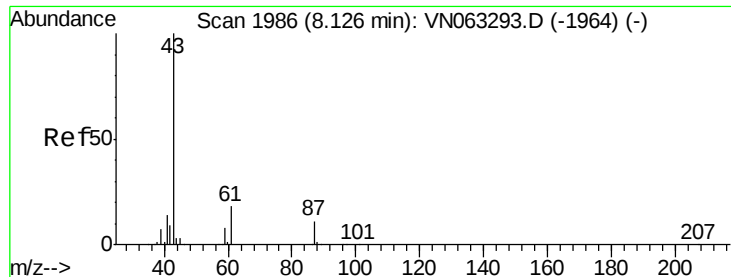
sam
9/21/2020 7:25:56 PM



#42
1,2-Dichloroethane
Concen: 18.169 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.4





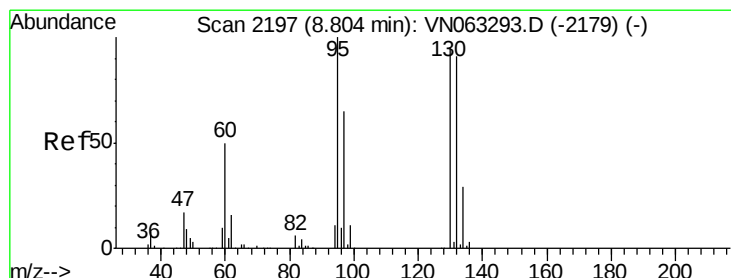
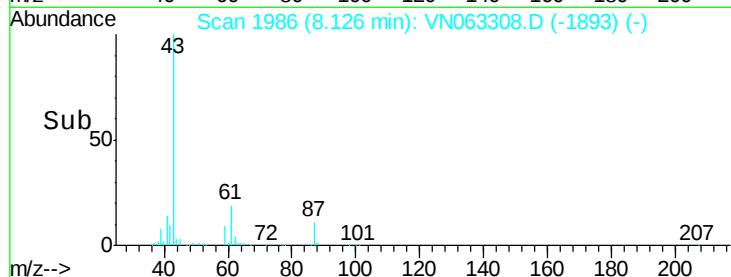
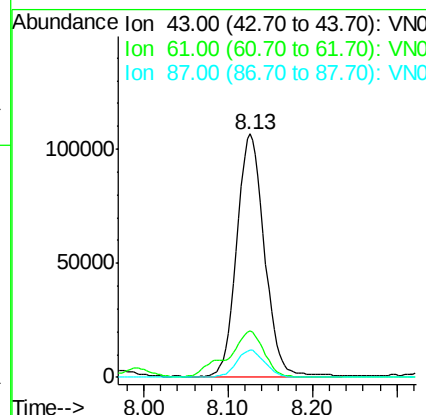
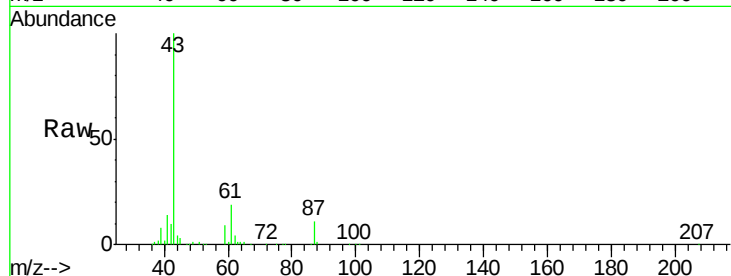
#43
Isopropyl Acetate
Concen: 18.677 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.1	22.7
87	11.6	9.2	13.8

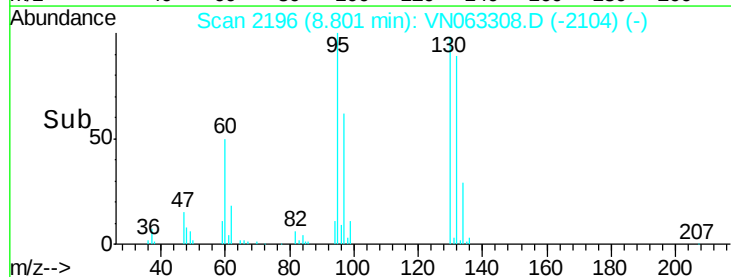
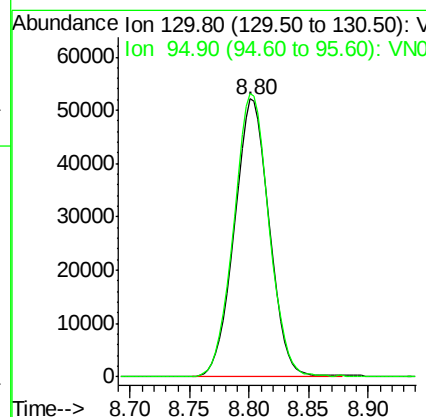
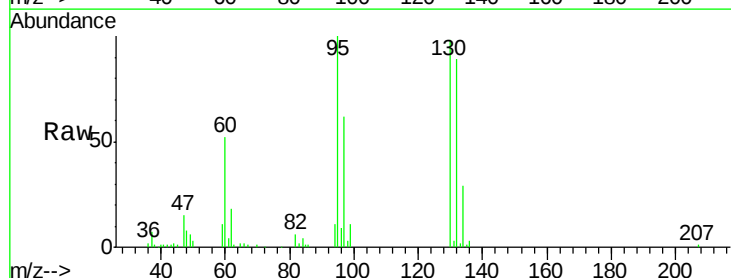
Manual Integrations
APPROVED

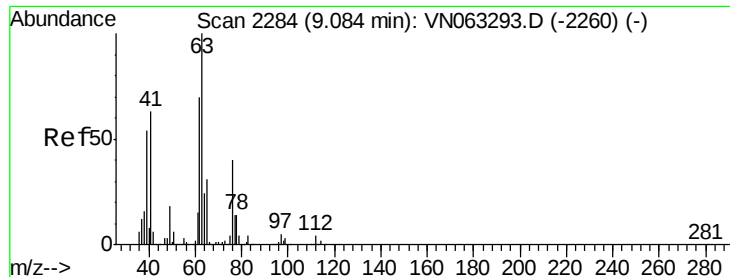
sam
9/21/2020 7:25:56 PM



#44
Trichloroethene
Concen: 18.169 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	210.8





#45

1,2-Dichloropropane

Concen: 18.088 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

Tgt Ion: 63 Resp: 110480

Ion Ratio Lower Upper

63 100

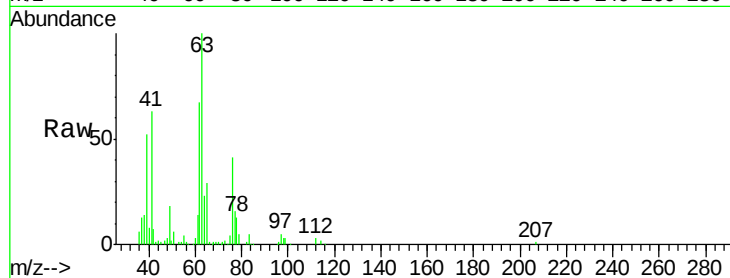
65 29.4 24.6 36.8

Manual Integrations

APPROVED

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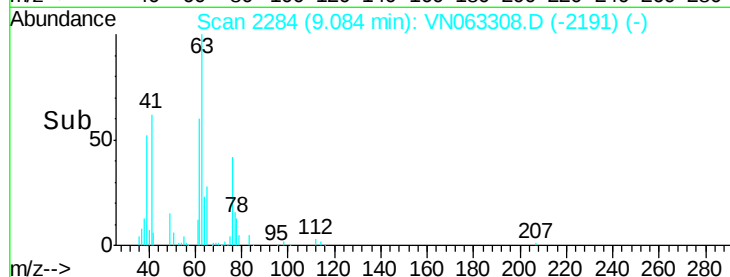


Abundance Ion 62.90 (62.60 to 63.60): VN063308.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN063308.D (-2191) (-)

9.08

Time-->



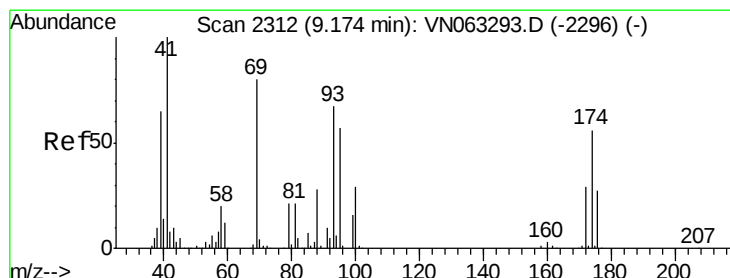
Abundance

Ion 62.90 (62.60 to 63.60): VN063308.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN063308.D (-2191) (-)

9.08

Time-->



#46

Dibromomethane

Concen: 18.356 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

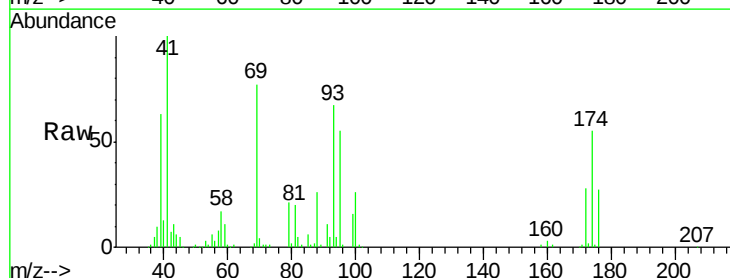
Tgt Ion: 93 Resp: 72706

Ion Ratio Lower Upper

93 100

95 80.9 67.9 101.9

174 81.9 66.9 100.3



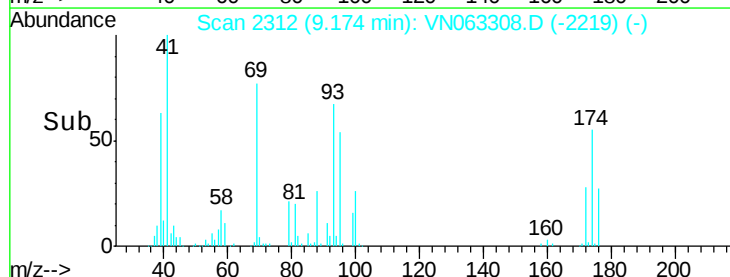
Abundance Ion 92.80 (92.50 to 93.50): VN063308.D (-2219) (-)

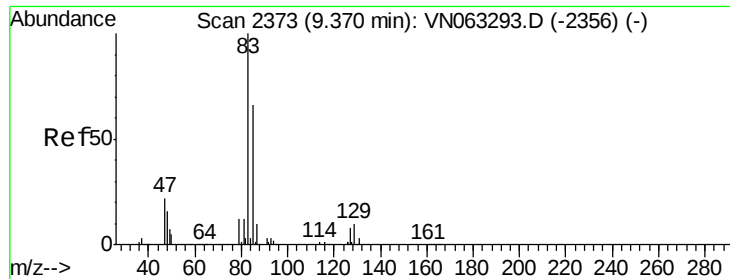
Ion 94.80 (94.50 to 95.50): VN063308.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN063308.D (-2219) (-)

9.17

Time-->





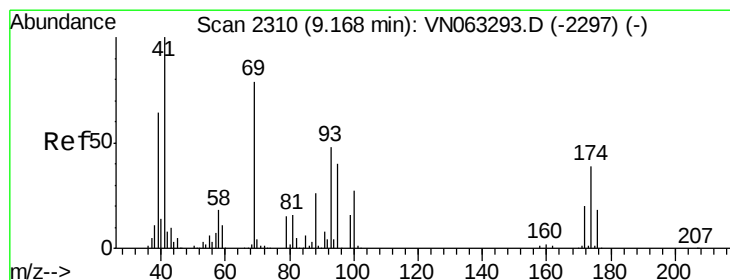
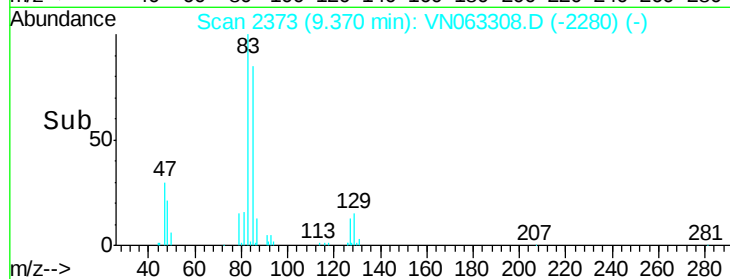
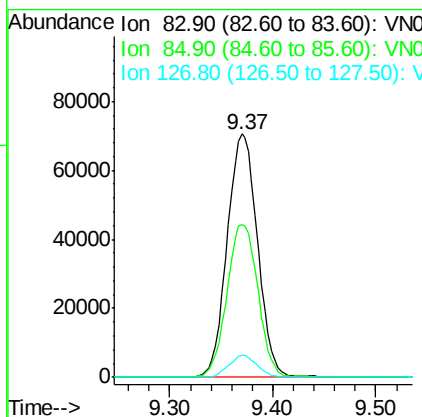
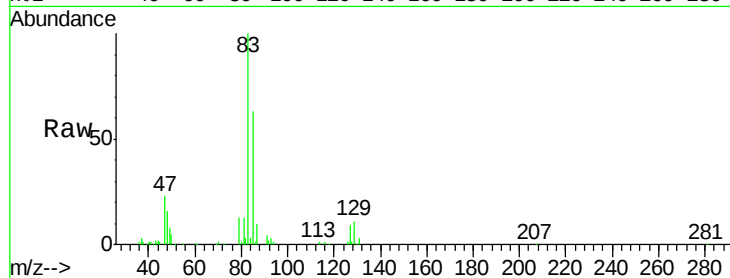
#47
Bromodichloromethane
Concen: 17.562 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	144959		
85	62.9		52.5	78.7
127	9.3		6.6	10.0

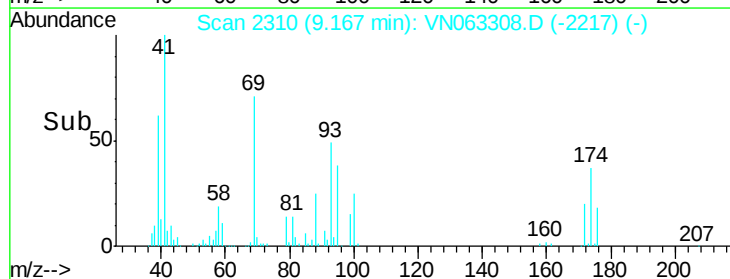
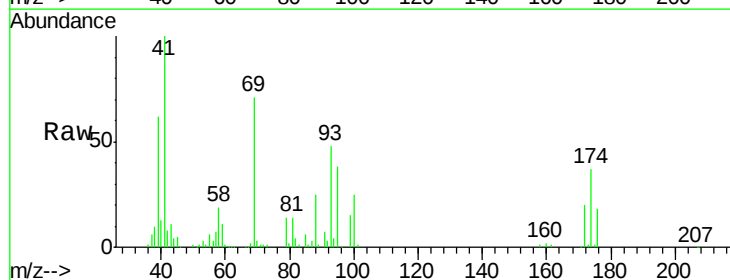
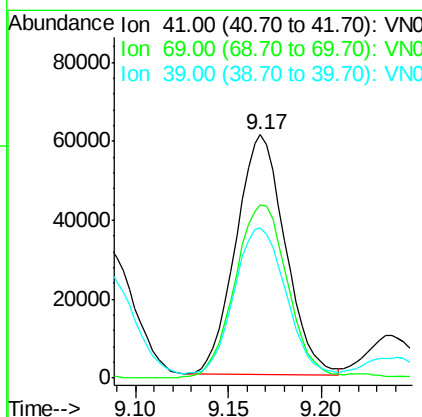
Manual Integrations
APPROVED

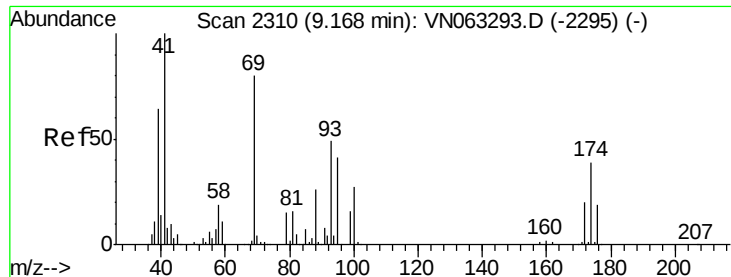
sam
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#48
Methyl methacrylate
Concen: 18.192 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	112753		
69	77.0		63.6	95.4
39	66.2		53.2	79.8





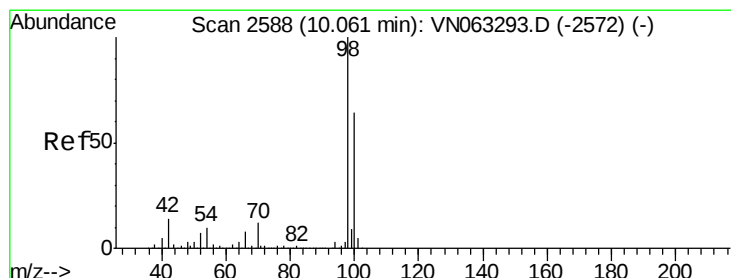
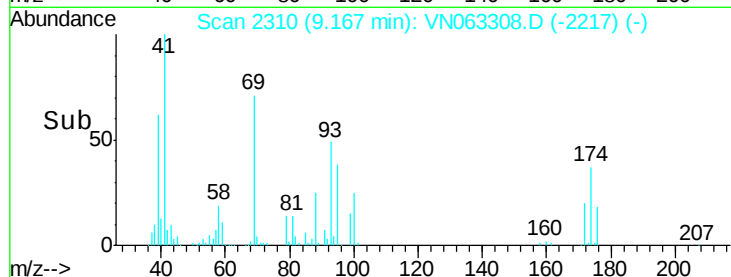
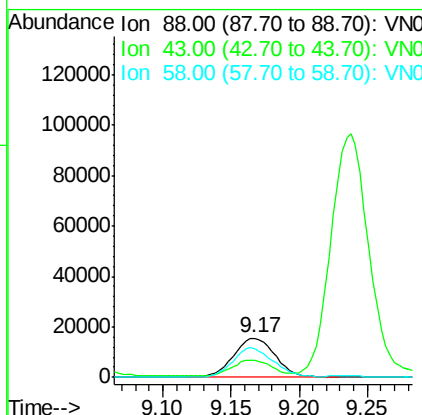
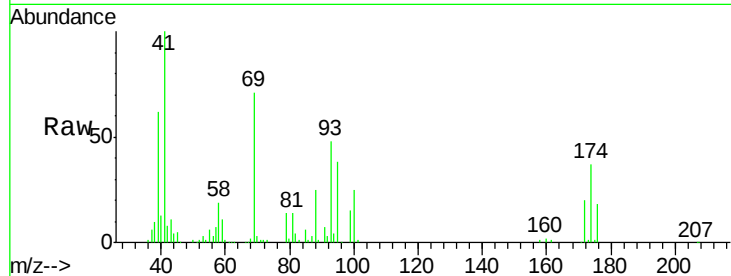
#49
1,4-Dioxane
Concen: 344.124 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.7	30.5	45.7
58	73.4	58.9	88.3

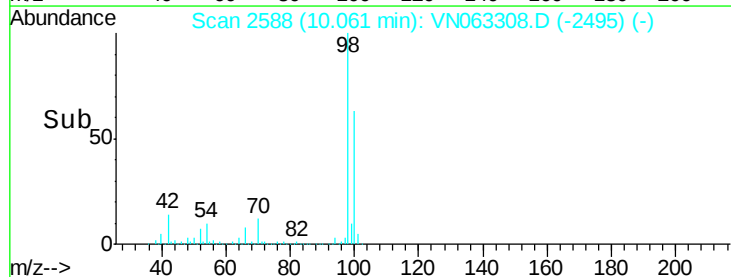
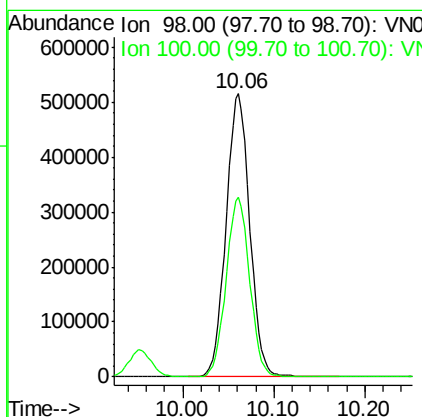
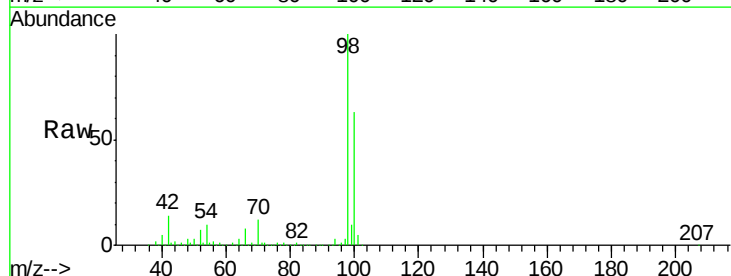
Manual Integrations
APPROVED

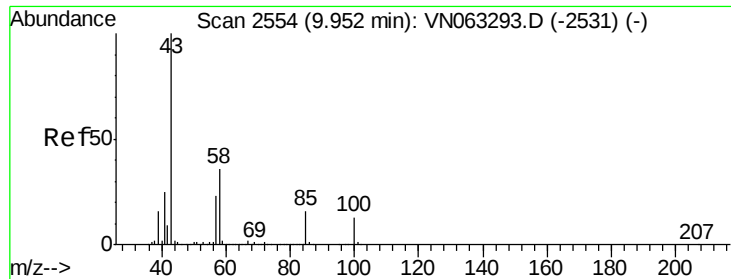
sam
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#50
Toluene-d8
Concen: 49.661 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.7	76.1





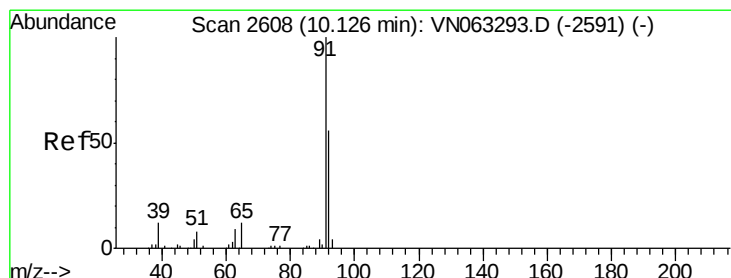
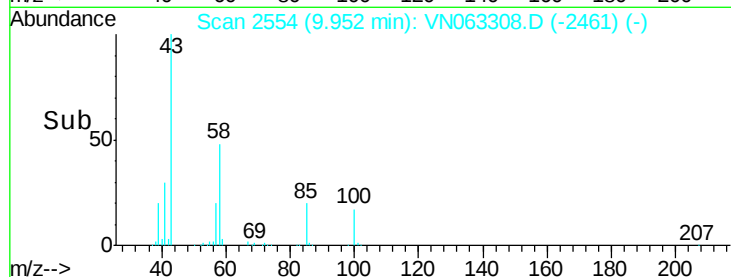
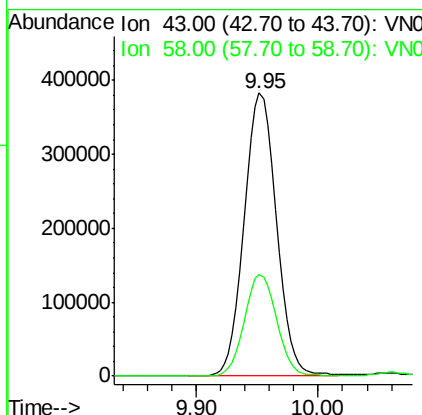
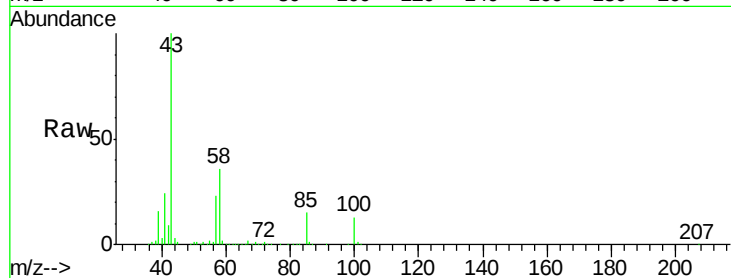
#51
 4-Methyl-2-Pentanone
 Concen: 97.085 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion: 43 Resp: 694986
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.0 43.4

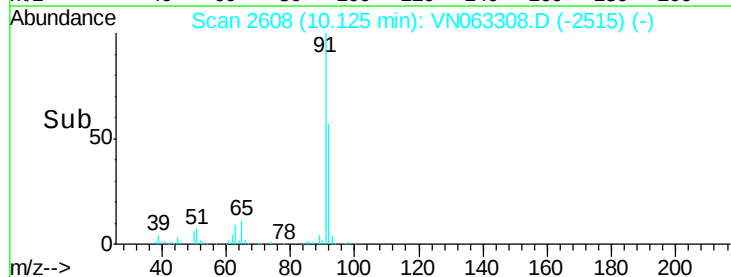
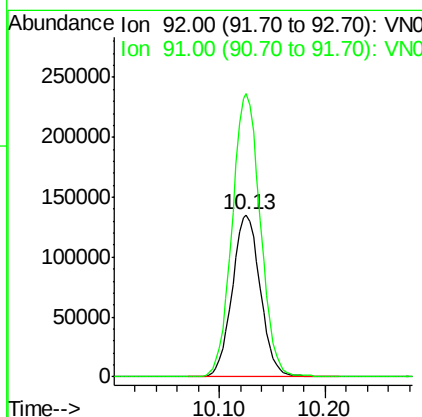
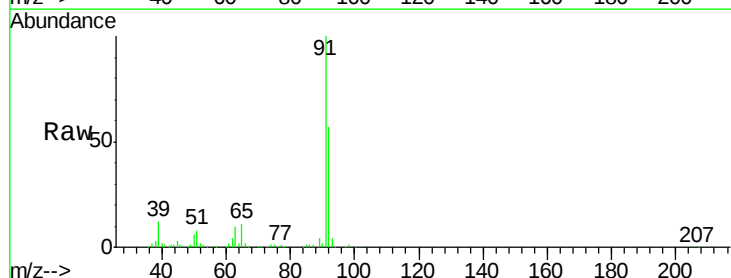
Manual Integrations
 APPROVED

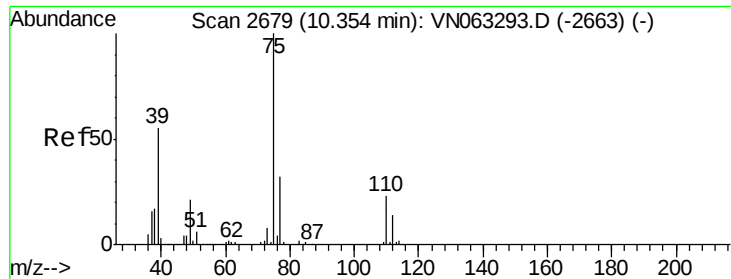
sam
 9/21/2020 7:25:56 PM



#52
 Toluene
 Concen: 18.358 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 92 Resp: 249590
 Ion Ratio Lower Upper
 92 100
 91 175.3 141.2 211.8





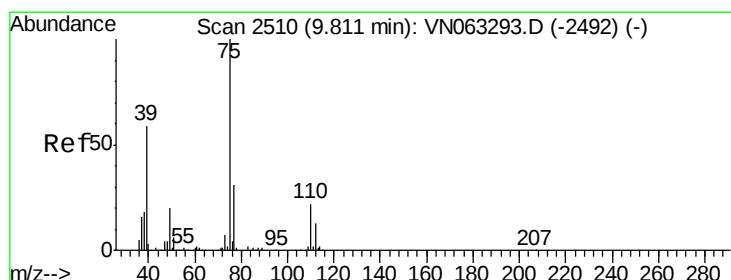
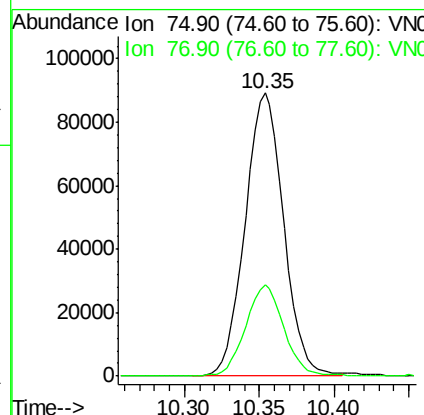
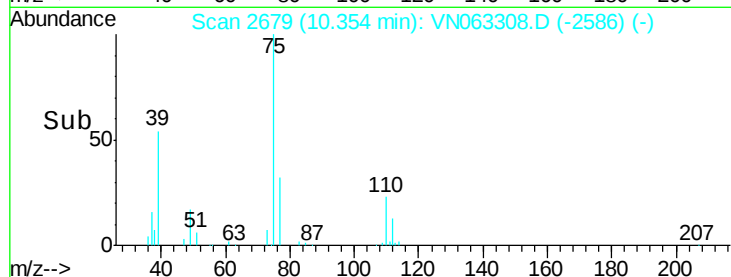
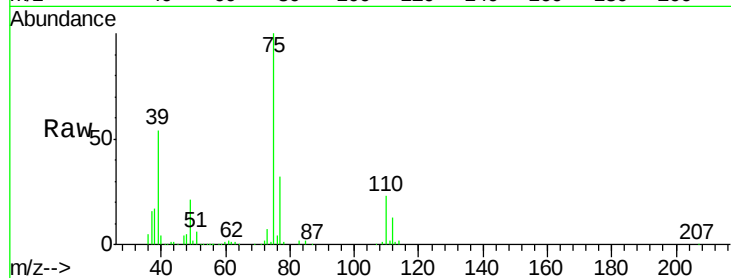
#53
t-1,3-Dichloropropene
Concen: 17.745 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion: 75 Resp: 159722
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5

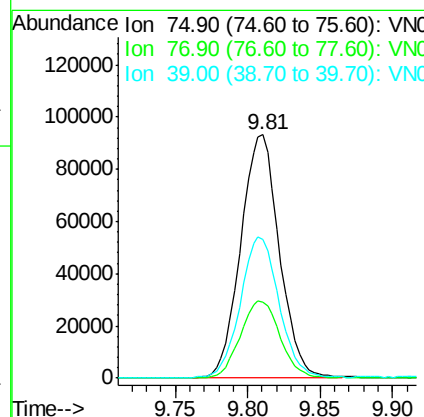
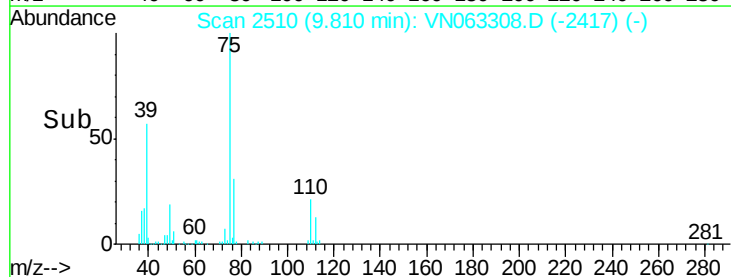
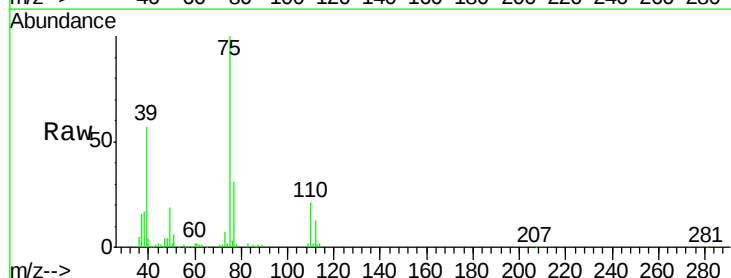
Manual Integrations
APPROVED

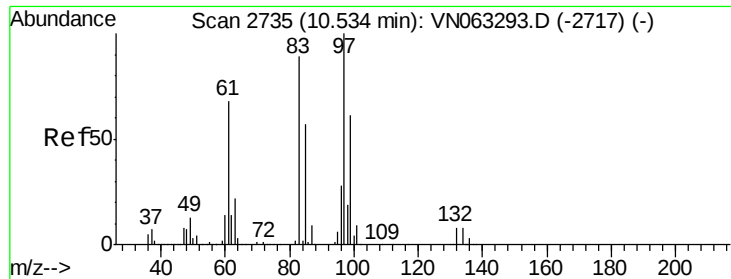
sam
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#54
cis-1,3-Dichloropropene
Concen: 17.836 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 75 Resp: 172853
Ion Ratio Lower Upper
75 100
77 31.2 24.7 37.1
39 56.6 47.2 70.8





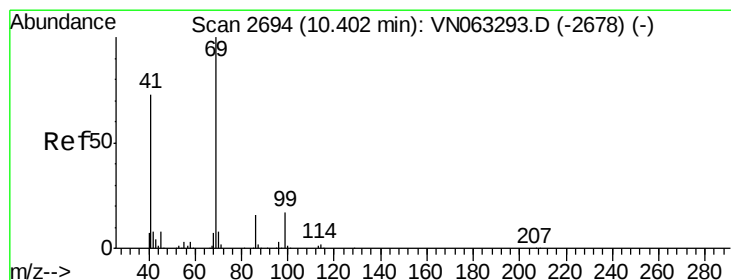
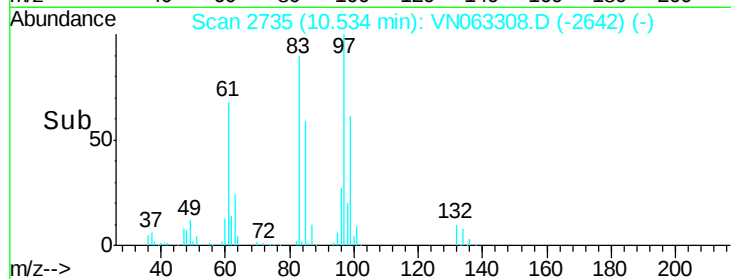
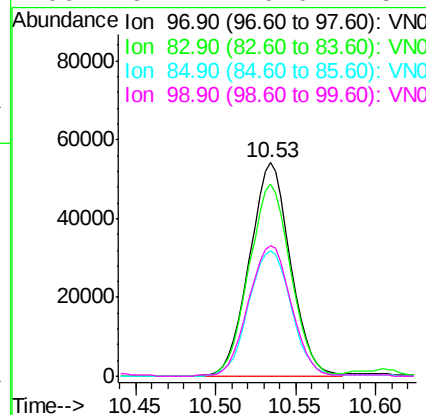
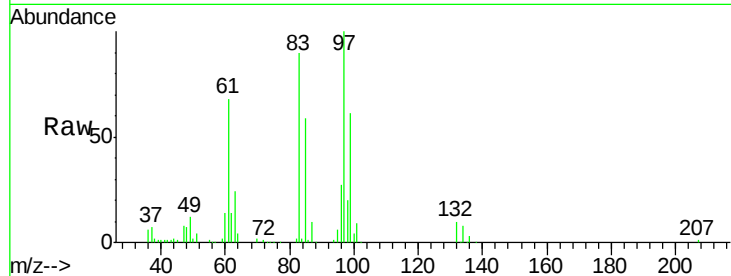
#55
 1,1,2-Trichloroethane
 Concen: 17.898 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.8	106.2
85	58.9	45.6	68.4
99	61.2	49.0	73.4

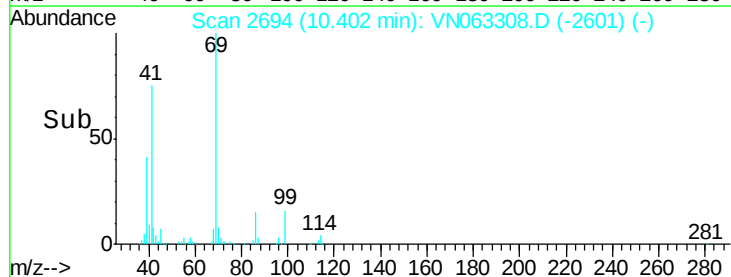
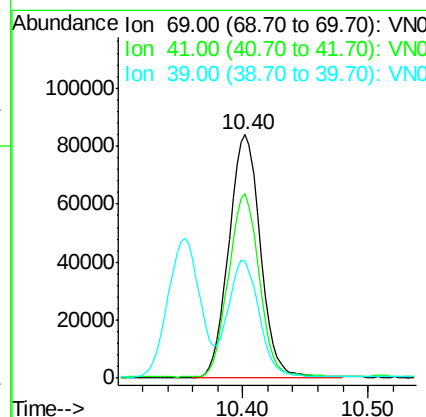
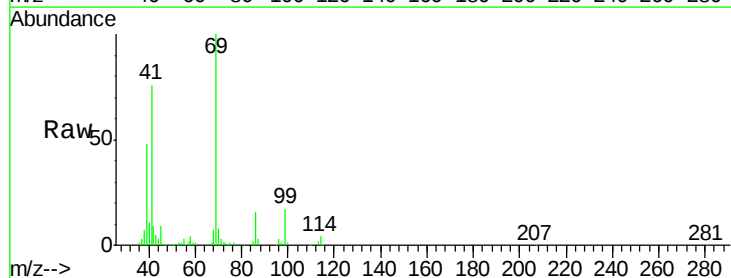
Manual Integrations
 APPROVED

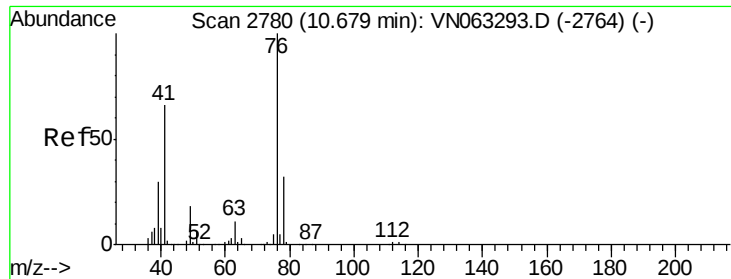
sam
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#56
 Ethyl methacrylate
 Concen: 18.164 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	58.4	87.6
39	47.9	38.6	58.0





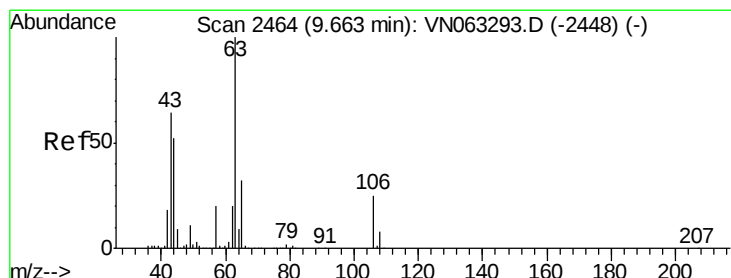
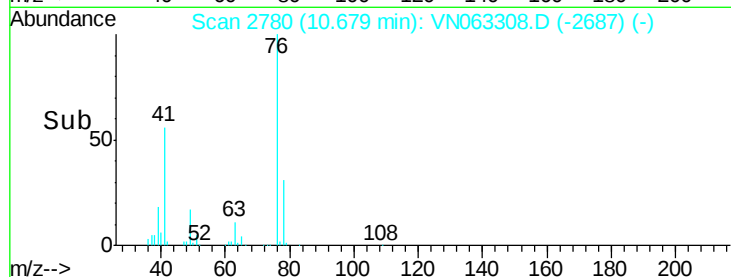
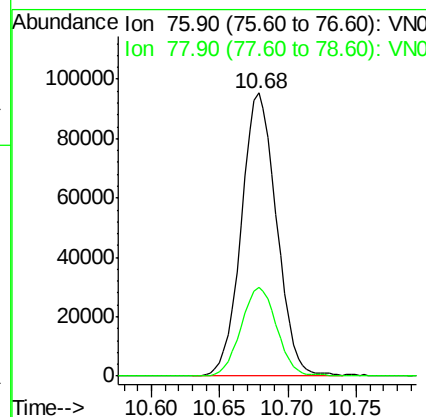
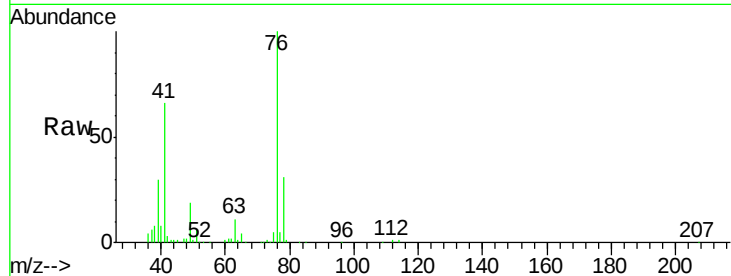
#57
 1,3-Dichloropropane
 Concen: 18.366 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion: 76 Resp: 170977
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5

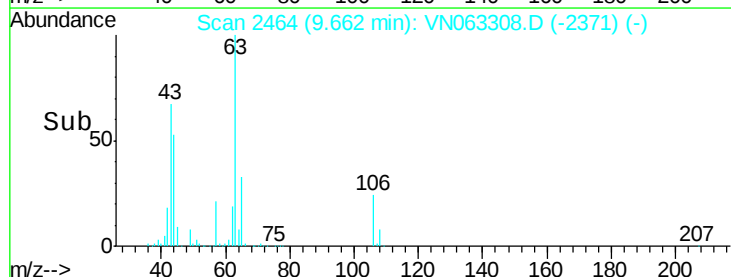
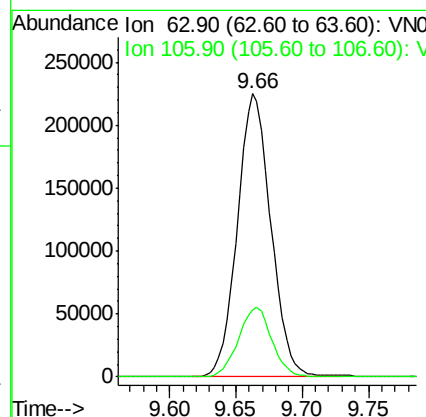
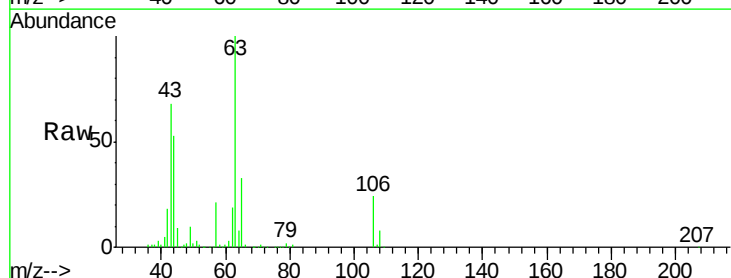
Manual Integrations
 APPROVED

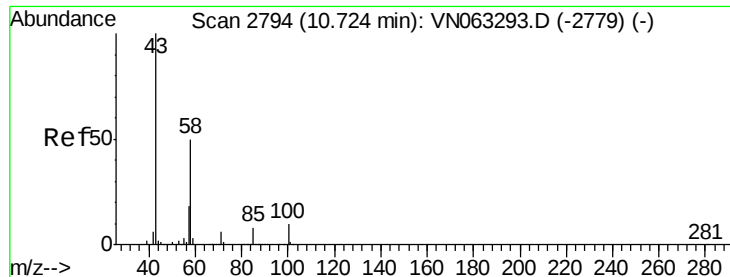
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 91.008 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 63 Resp: 395488
 Ion Ratio Lower Upper
 63 100
 106 24.4 20.2 30.4





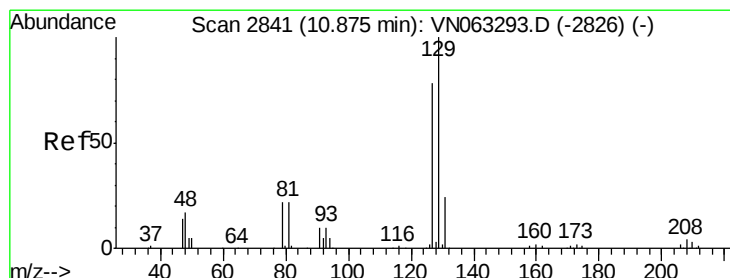
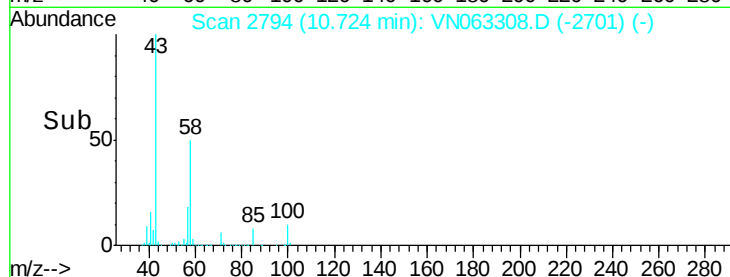
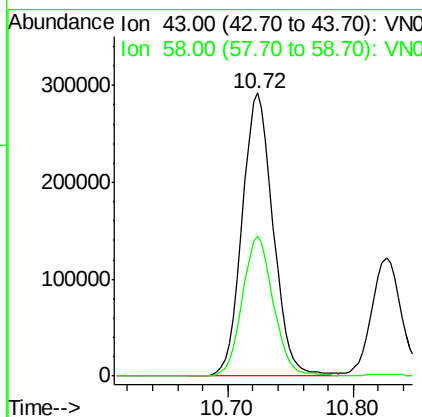
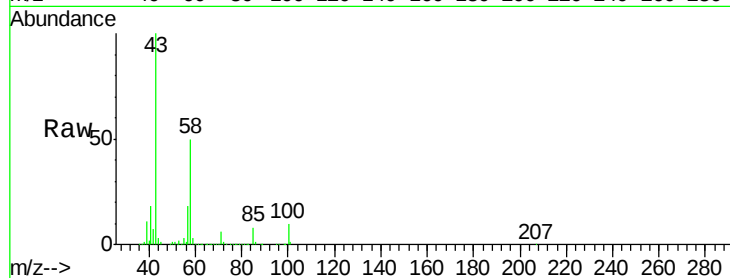
#59
2-Hexanone
Concen: 94.559 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion: 43 Resp: 499221
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3

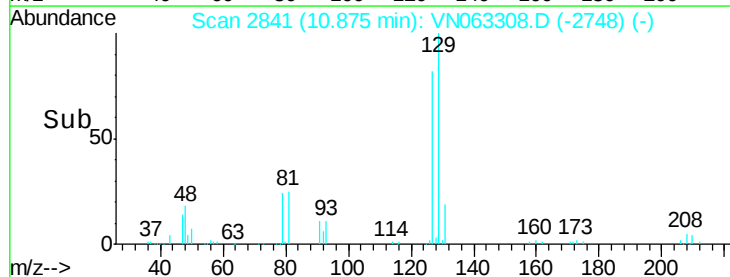
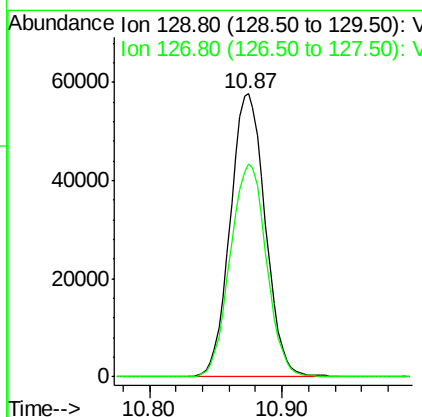
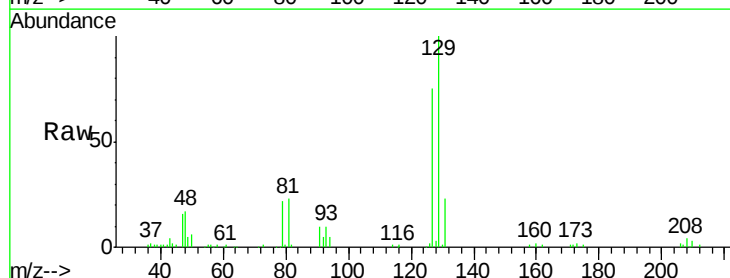
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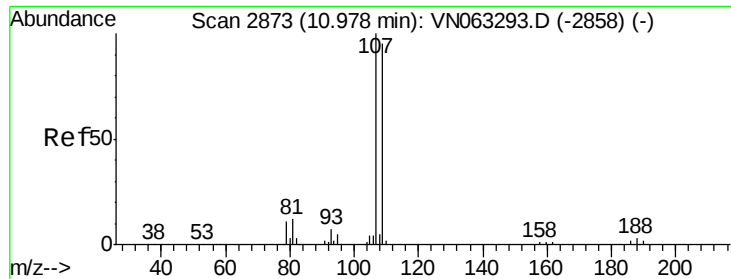
sam
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#60
Dibromochloromethane
Concen: 18.097 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 129 Resp: 105870
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





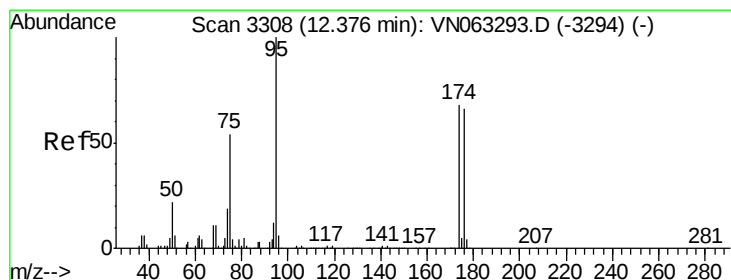
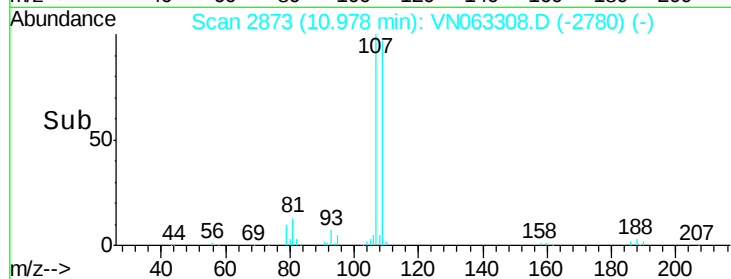
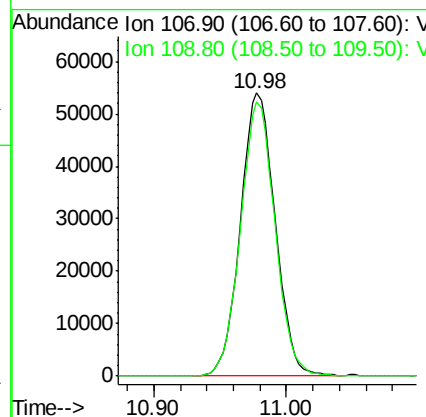
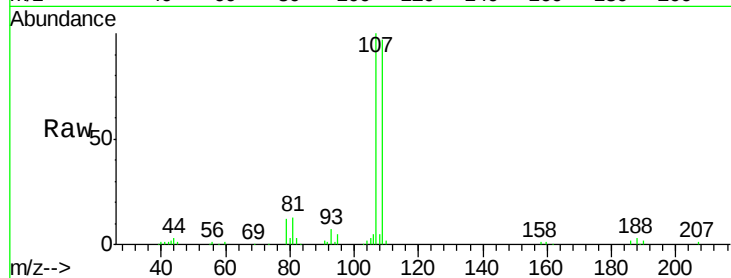
#61
 1,2-Dibromoethane
 Concen: 17.747 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion: 107 Resp: 98569
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.5 113.3

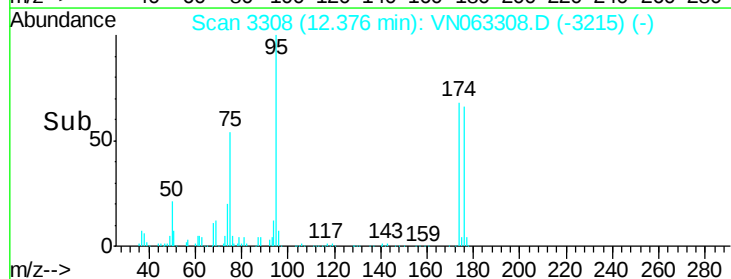
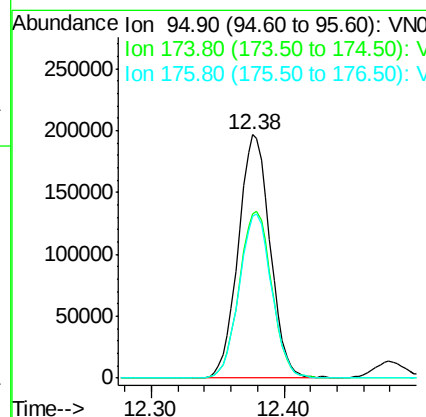
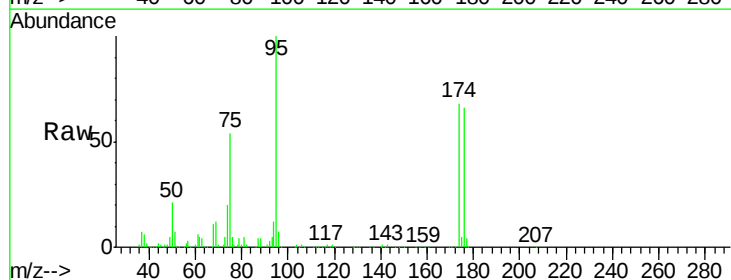
Manual Integrations
 APPROVED

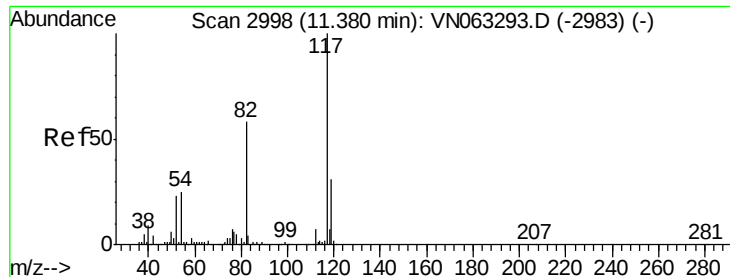
sam
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#62
 4-Bromofluorobenzene
 Concen: 47.378 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 95 Resp: 328142
 Ion Ratio Lower Upper
 95 100
 174 70.3 0.0 136.6
 176 68.9 0.0 132.8





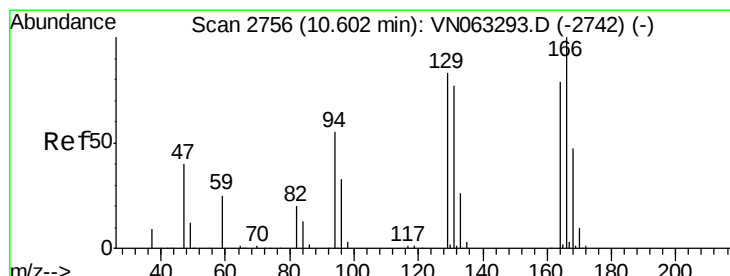
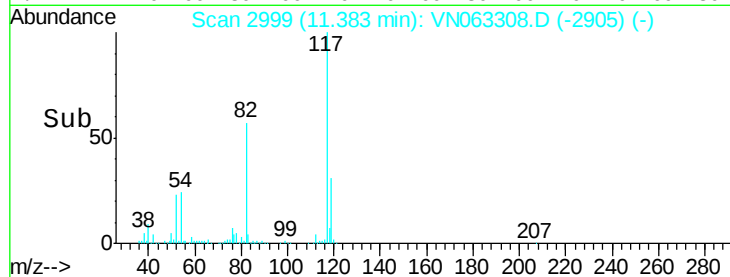
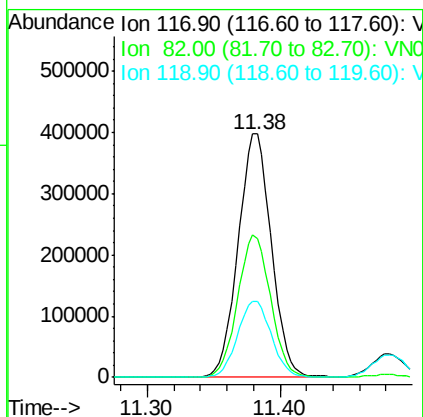
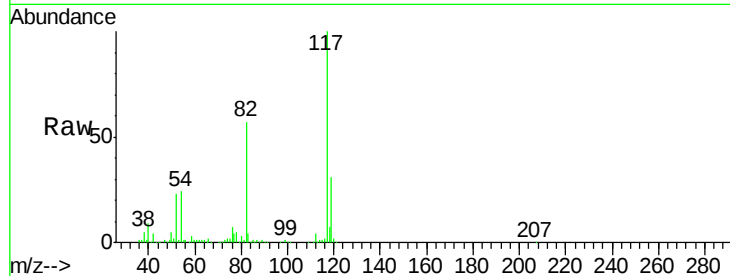
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	692344		
82	57.1	46.4	69.6	
119	31.2	24.8	37.2	

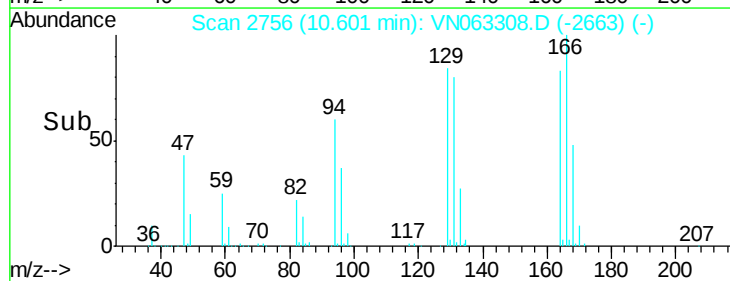
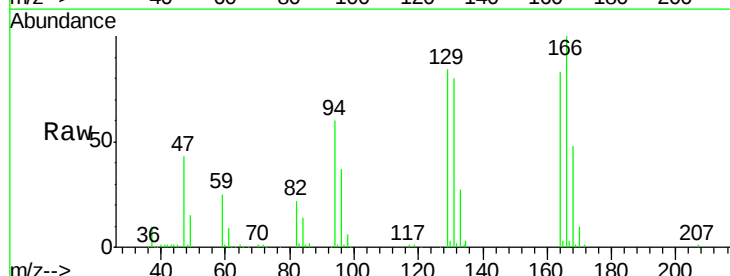
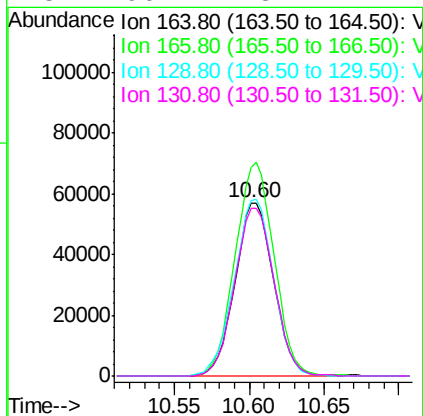
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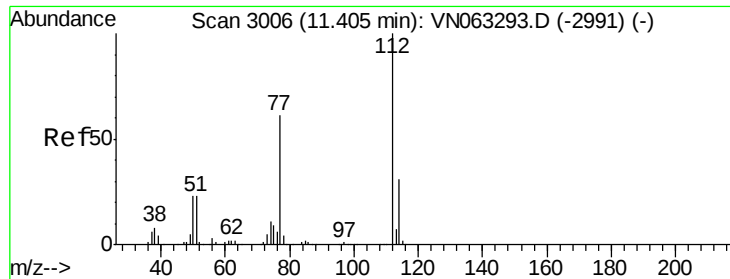
sam
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#64
Tetrachloroethene
Concen: 18.059 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102425		
166	120.5	101.3	151.9	
129	101.1	83.7	125.5	
131	96.7	78.2	117.4	





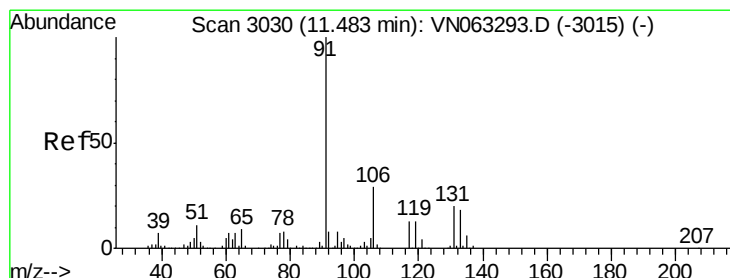
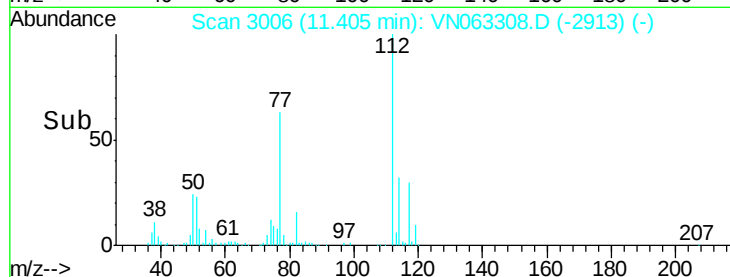
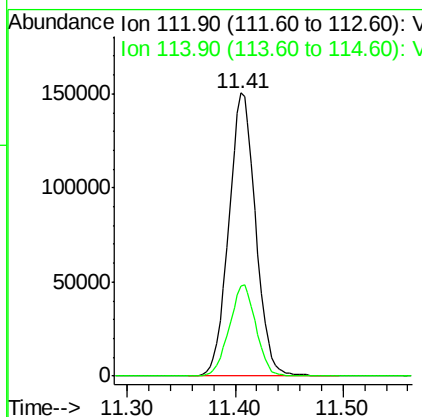
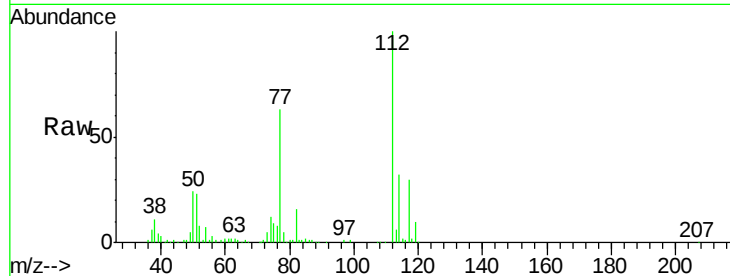
#65
Chlorobenzene
Concen: 17.544 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion:112 Resp: 261490
Ion Ratio Lower Upper
112 100
114 31.7 24.6 36.8

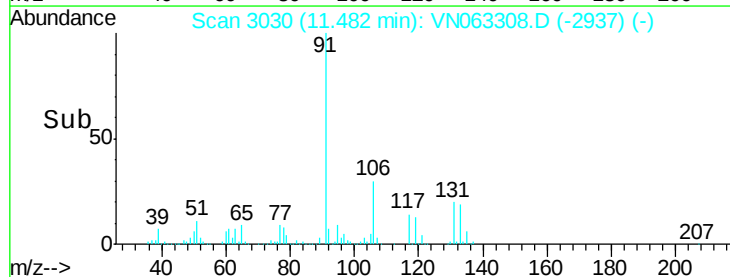
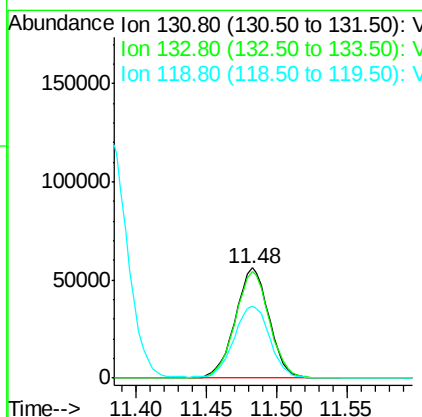
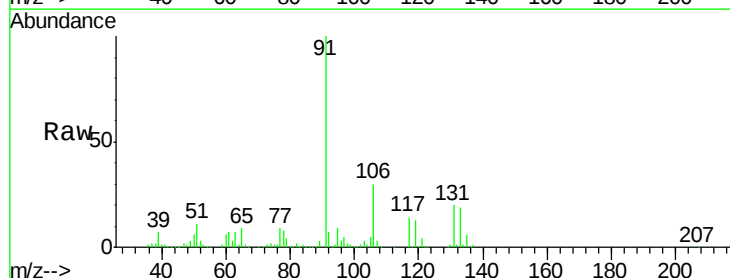
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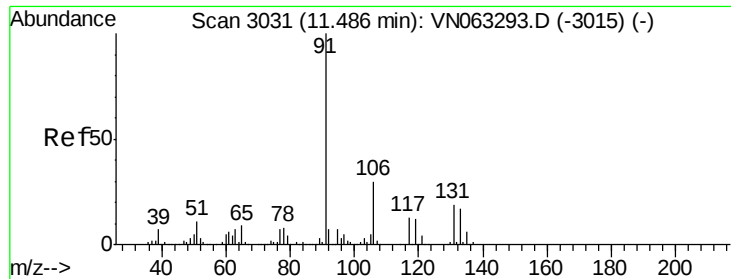
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.392 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion:131 Resp: 94448
Ion Ratio Lower Upper
131 100
133 97.6 47.4 142.2
119 69.7 33.8 101.3





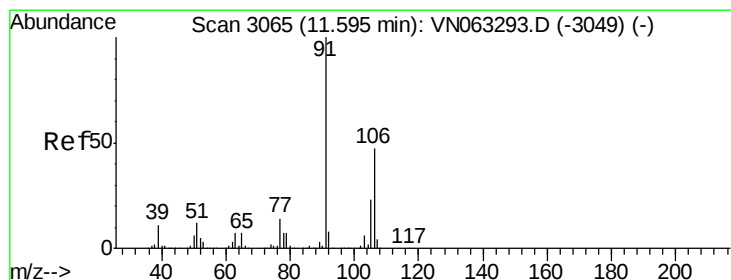
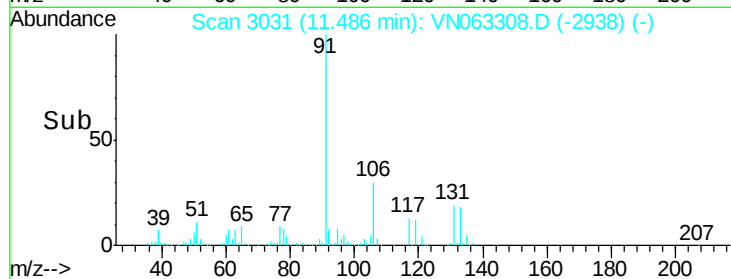
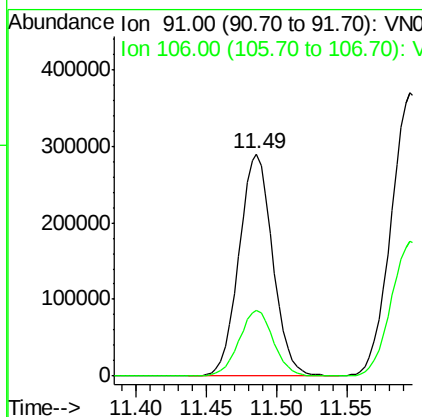
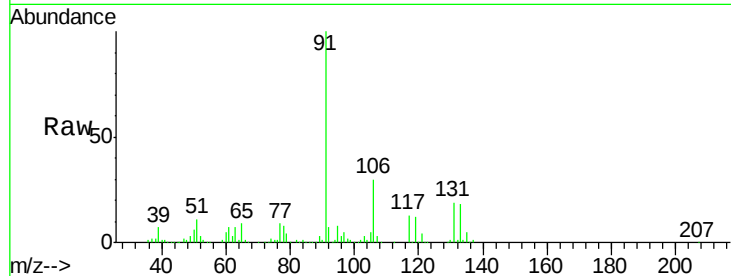
#67
 Ethyl Benzene
 Concen: 18.118 ug/l
 RT: 11.49 min Scan# 3031
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion: 91 Resp: 484798
 Ion Ratio Lower Upper
 91 100
 106 29.7 23.8 35.6

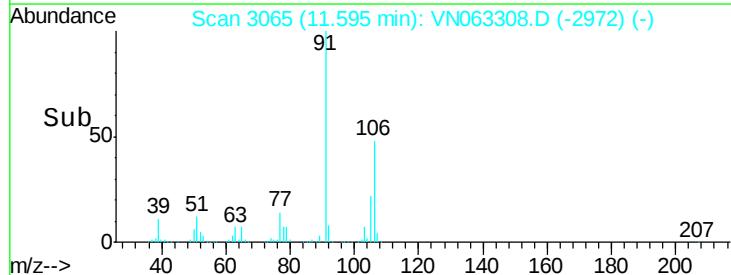
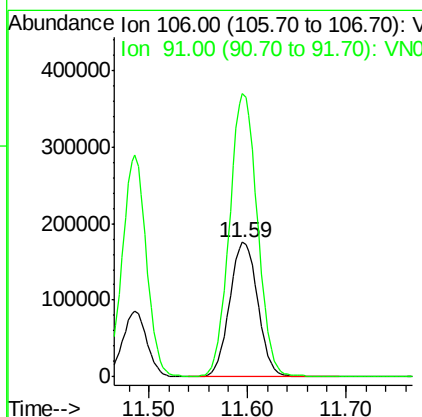
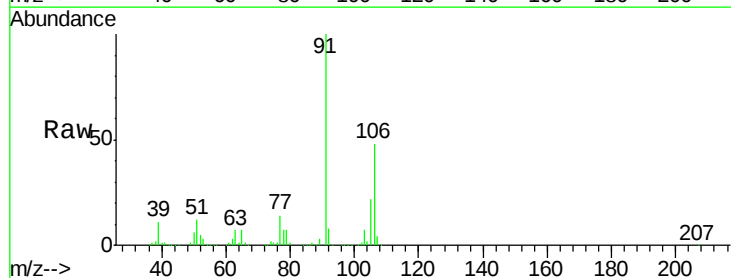
Manual Integrations
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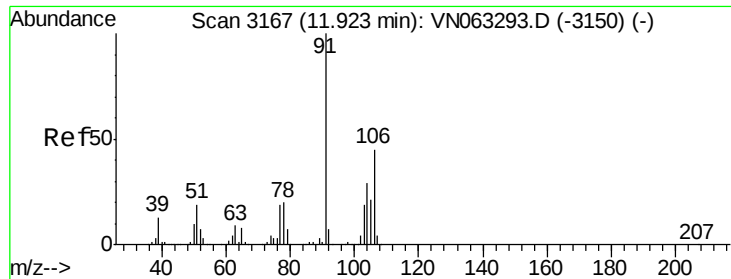
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#68
 m/p-Xylenes
 Concen: 35.353 ug/l
 RT: 11.59 min Scan# 3065
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 106 Resp: 349918
 Ion Ratio Lower Upper
 106 100
 91 208.9 169.8 254.8





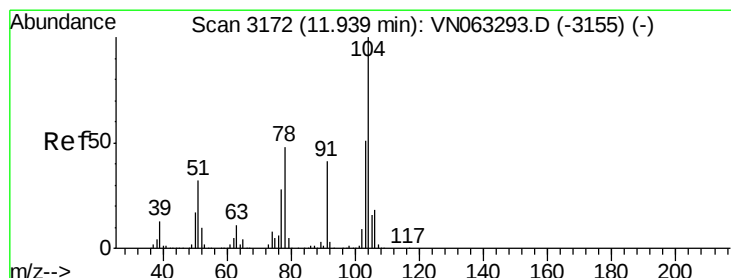
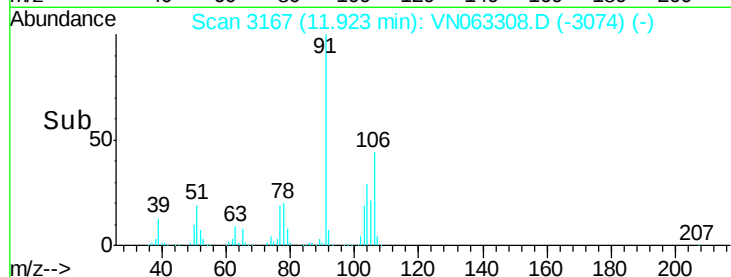
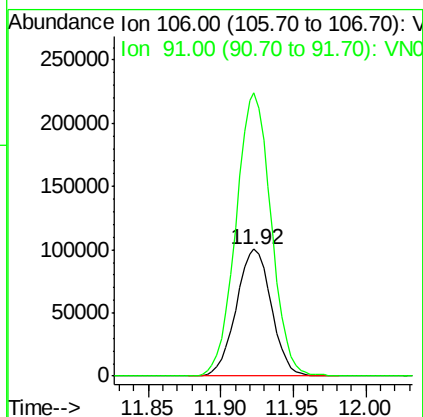
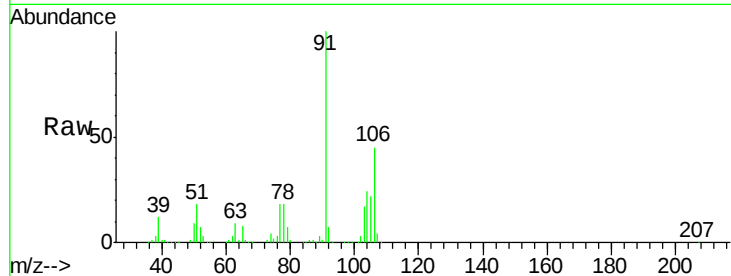
#69
o-Xylene
Concen: 17.801 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion:106 Resp: 169088
Ion Ratio Lower Upper
106 100
91 222.7 111.5 334.4

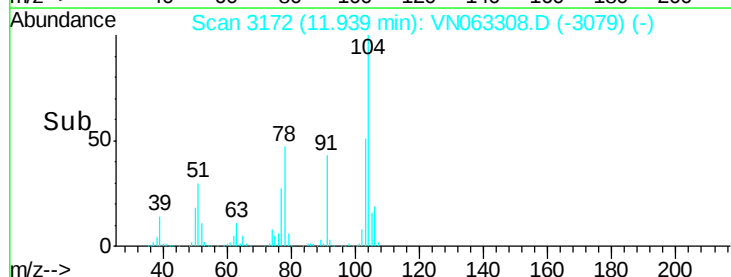
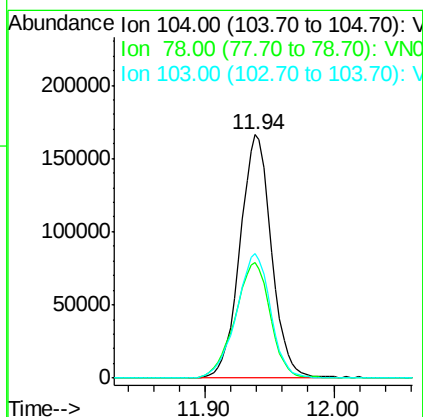
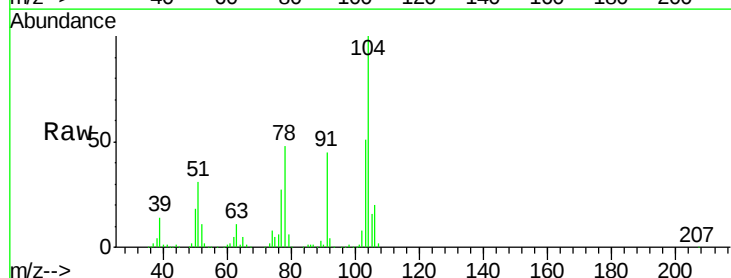
Manual Integrations
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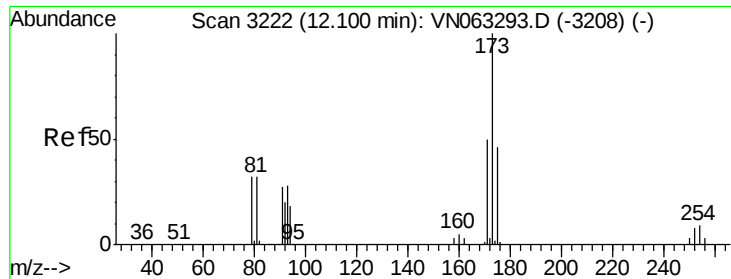
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#70
Styrene
Concen: 17.891 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion:104 Resp: 282447
Ion Ratio Lower Upper
104 100
78 53.4 42.9 64.3
103 55.7 44.2 66.2





#71

Bromoform

Concen: 17.367 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

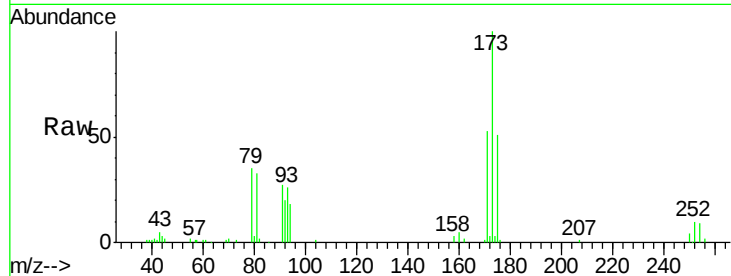
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VN0911WBS01

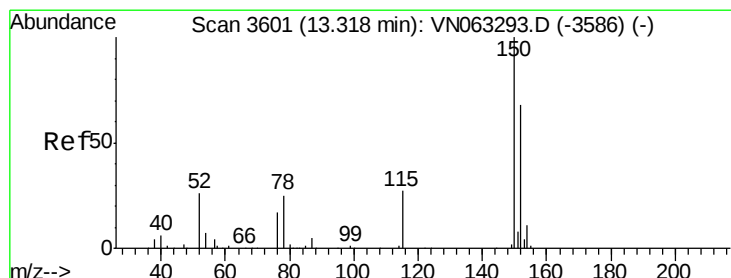
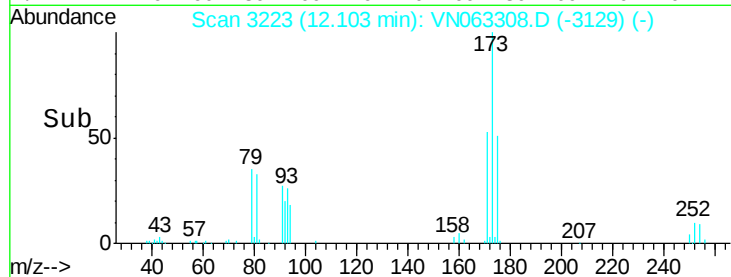
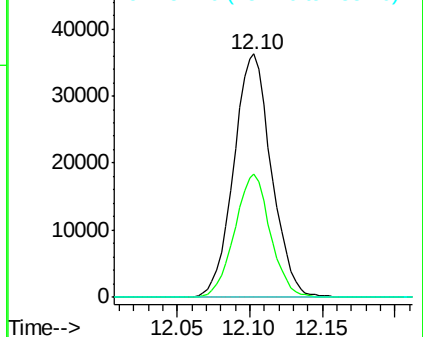
Tgt Ion:	173	Resp:	65231
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.8	71.5
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

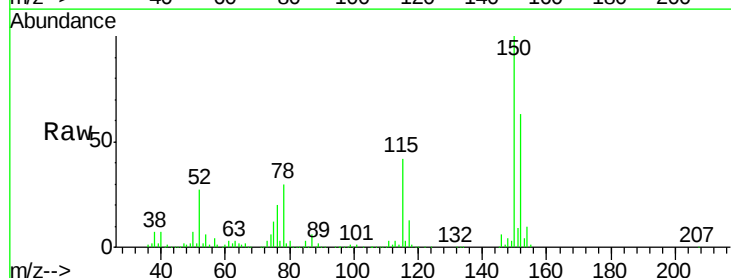
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

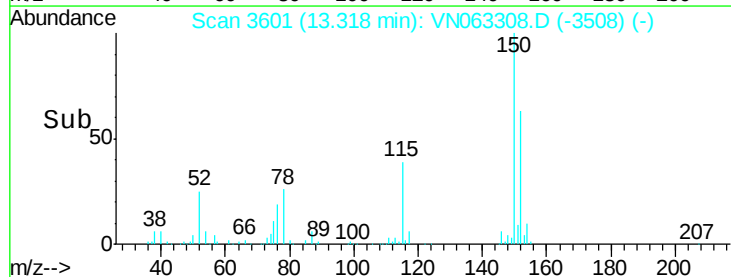
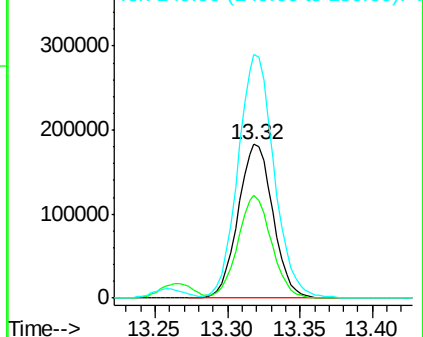
Lab File: VN063308.D

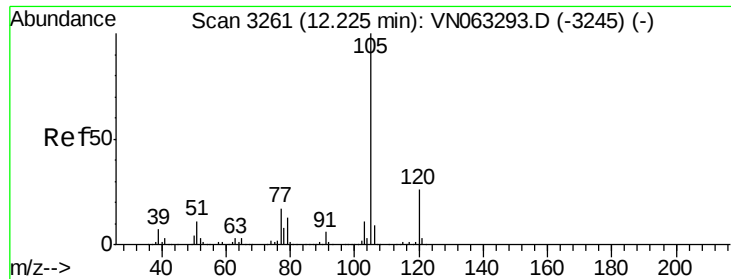
Acq: 11 Sep 2020 12:27

Tgt Ion:	152	Resp:	306025
Ion Ratio	Lower	Upper	
152	100		
115	64.2	31.5	94.5
150	162.6	0.0	344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.209 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

Tgt Ion: 105 Resp: 449473

Ion Ratio Lower Upper

105 100

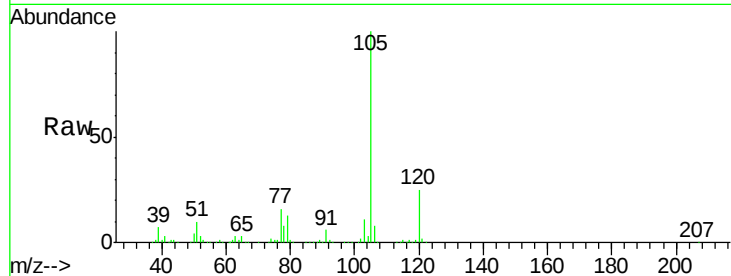
120 25.7 13.0 38.9

Manual Integrations

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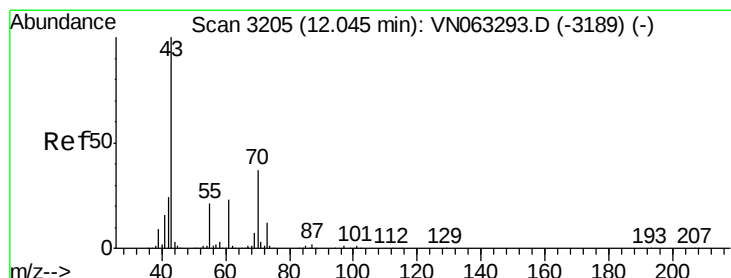
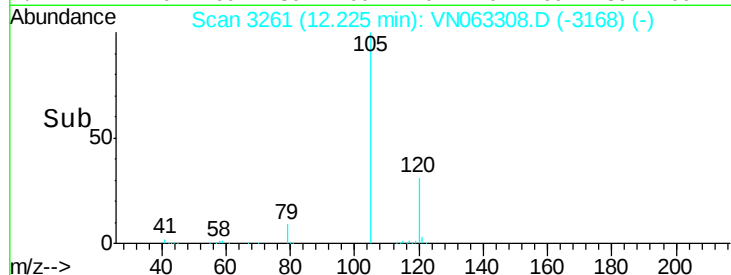
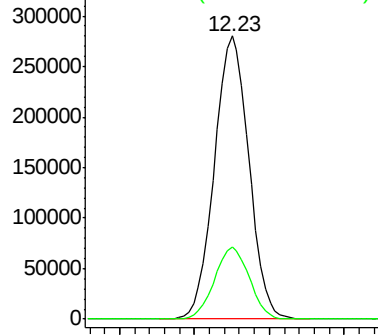
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.932 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Tgt Ion: 43 Resp: 191862

Ion Ratio Lower Upper

43 100

70 38.0 29.3 43.9

55 22.4 17.0 25.6

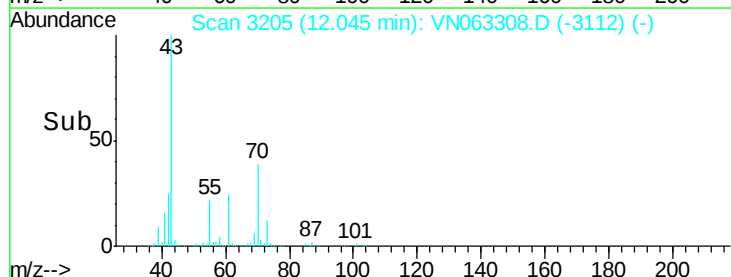
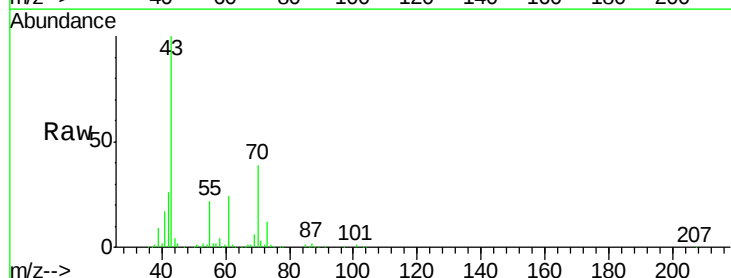
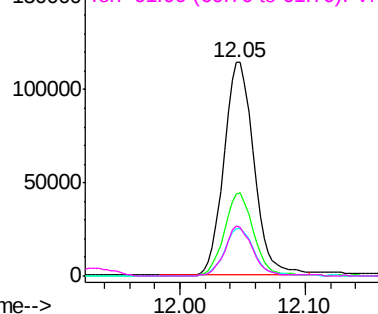
61 21.7 17.8 26.6

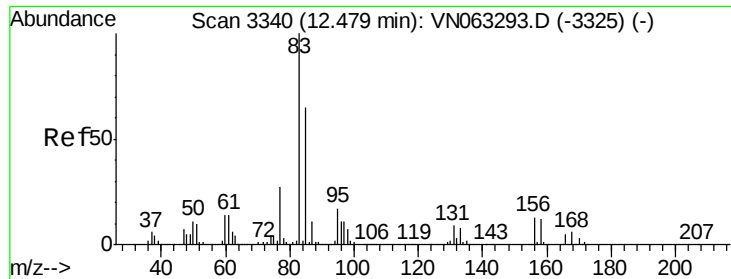
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.209 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

Tgt Ion: 83 Resp: 128725
Ion Ratio Lower Upper

83 100

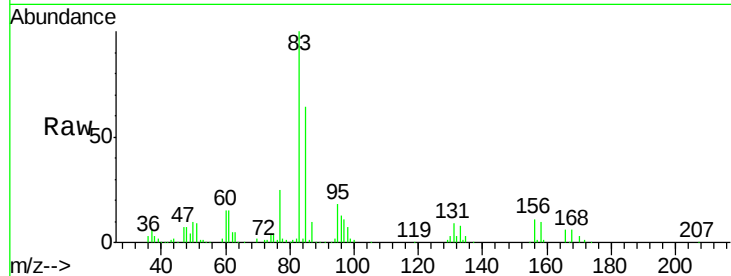
131 9.2 4.7 14.1

85 63.7 32.0 96.2

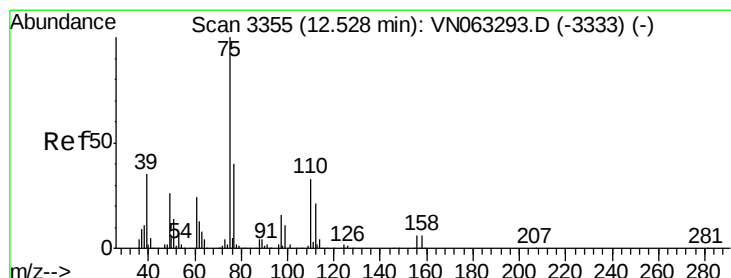
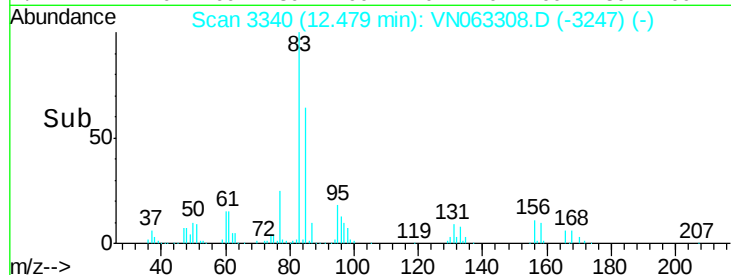
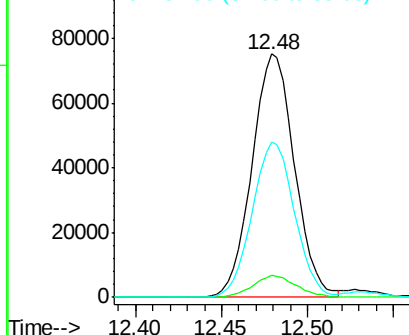
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): VN0
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 17.970 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

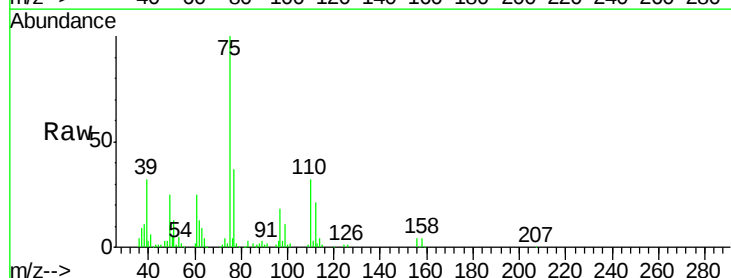
Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

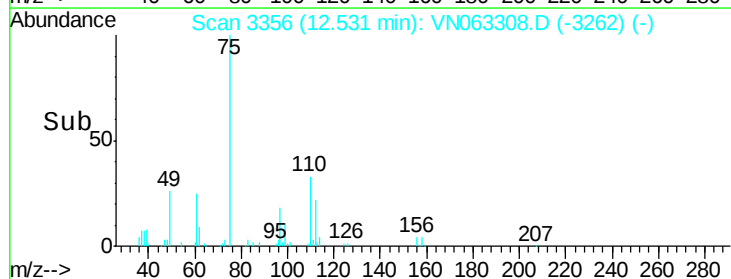
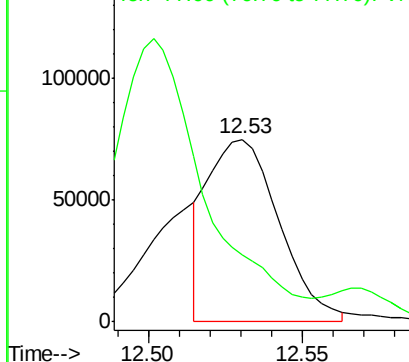
Tgt Ion: 75 Resp: 121324
Ion Ratio Lower Upper

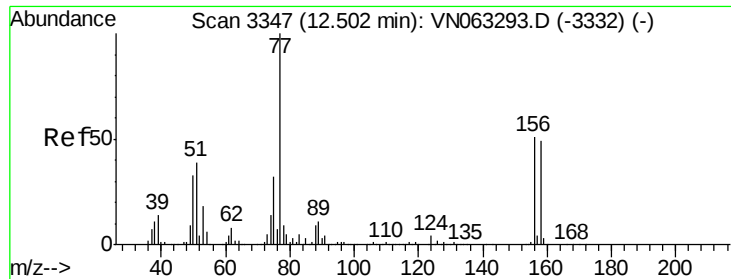
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.323 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

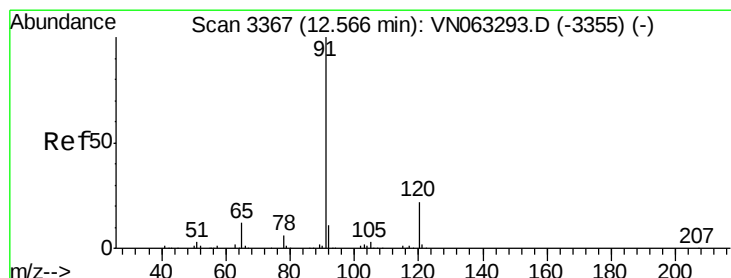
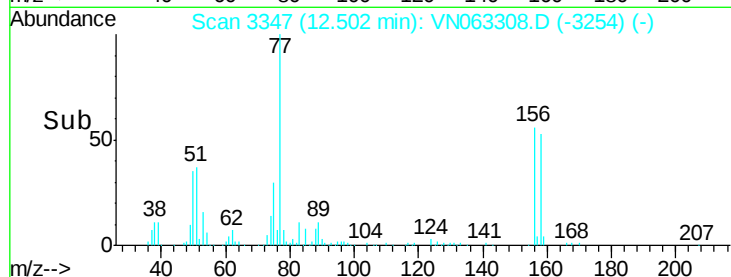
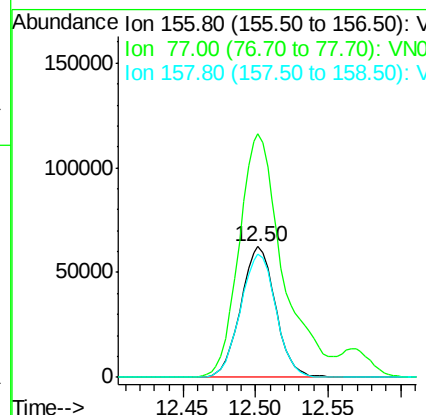
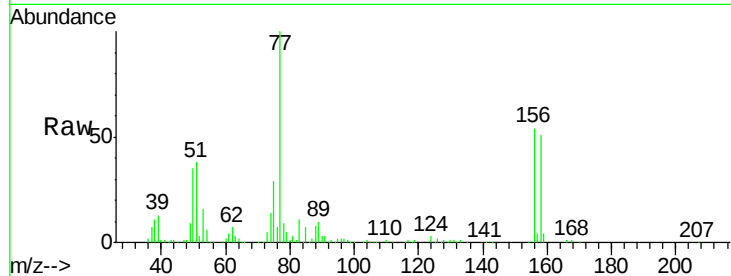
ClientSampleId :

VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	233.2	117.4	352.2
158	96.5	48.8	146.4

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#78

n-propylbenzene

Concen: 18.310 ug/l

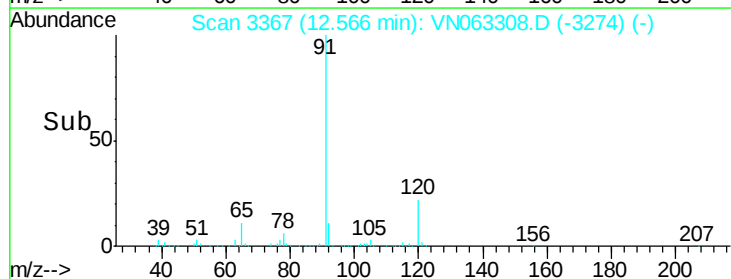
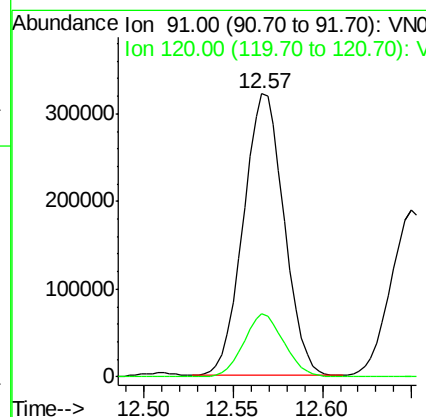
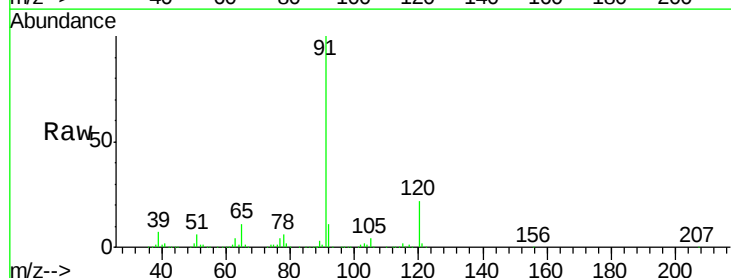
RT: 12.57 min Scan# 3367

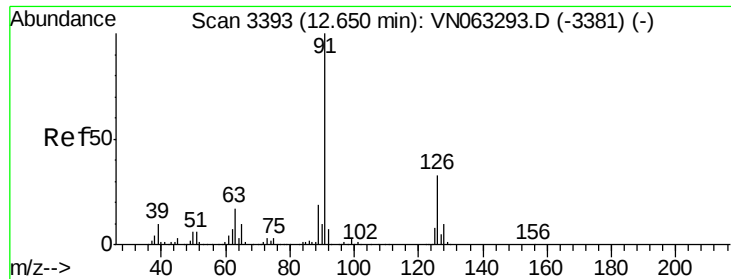
Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3





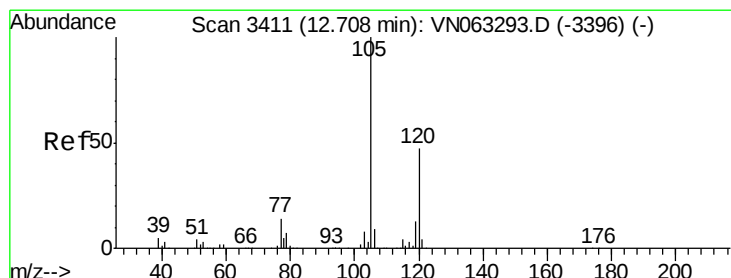
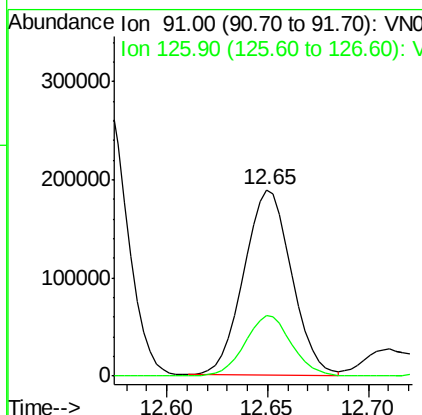
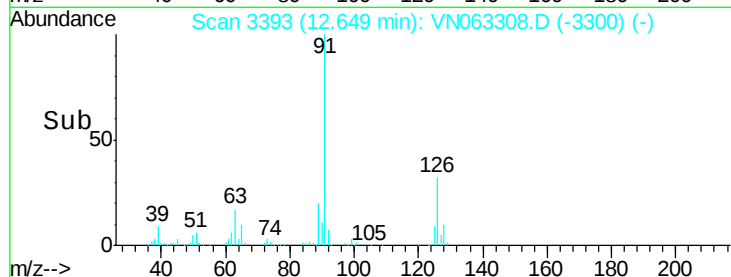
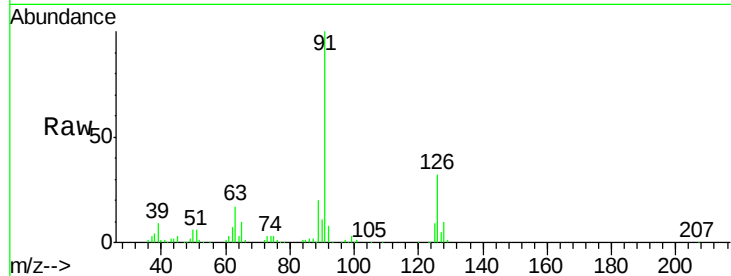
#79
 2-Chlorotoluene
 Concen: 18.131 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion: 91 Resp: 312610
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.3 48.8

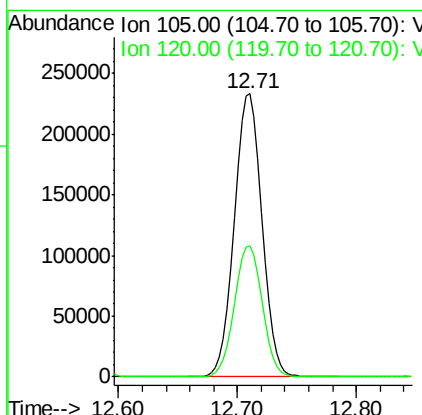
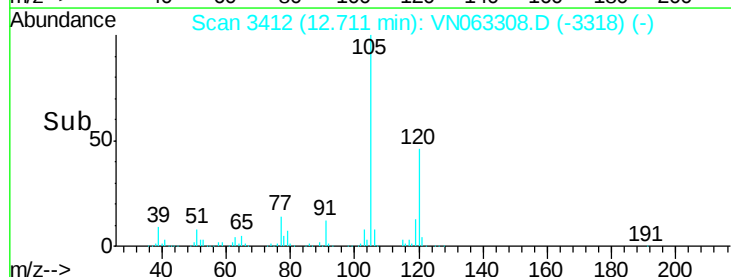
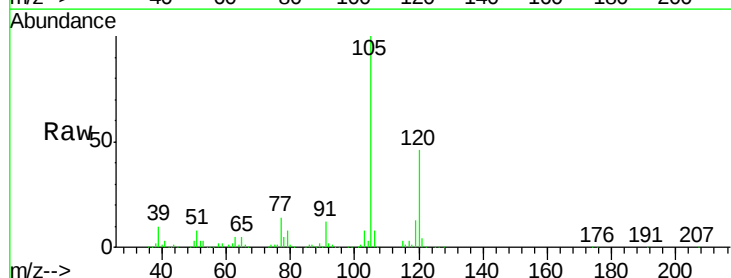
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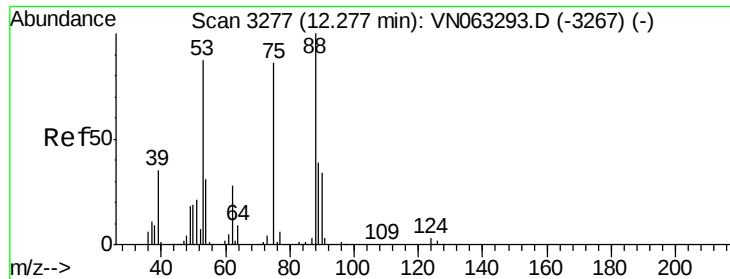
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.316 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 105 Resp: 375415
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.440 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

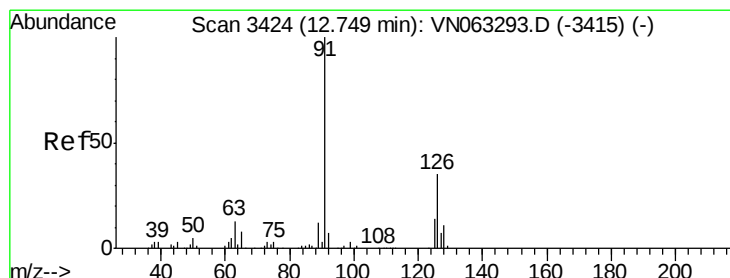
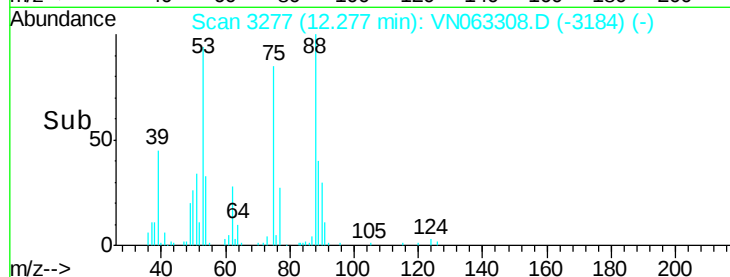
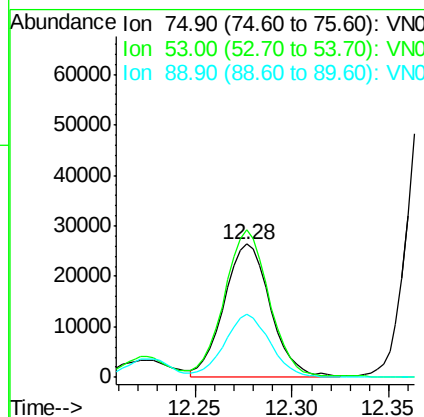
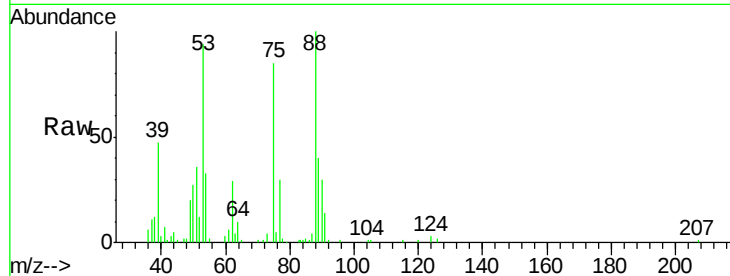
ClientSampleId :

VN0911WBS01

Tgt Ion:	75	Resp:	43822
Ion	Ratio	Lower	Upper
75	100		
53	109.6	81.8	122.8
89	47.2	36.7	55.1

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#82

4-Chlorotoluene

Concen: 17.535 ug/l

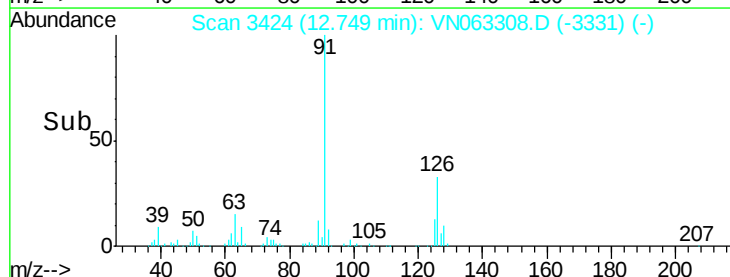
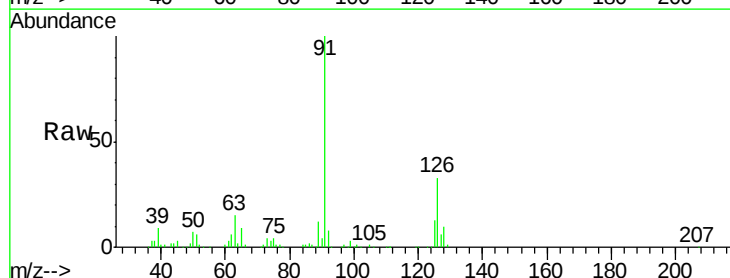
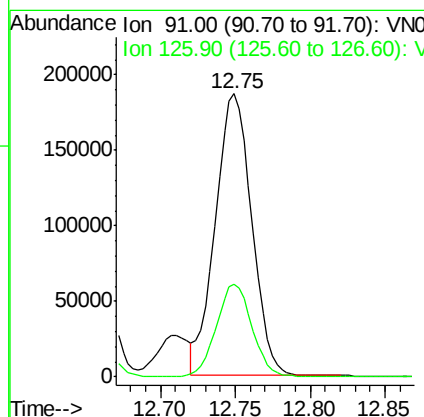
RT: 12.75 min Scan# 3424

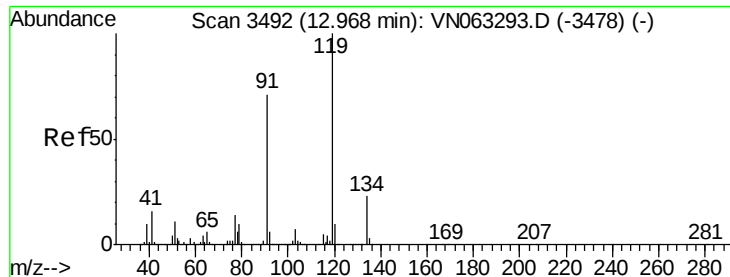
Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Tgt Ion:	91	Resp:	316924
Ion	Ratio	Lower	Upper
91	100		
126	32.5	15.9	47.7





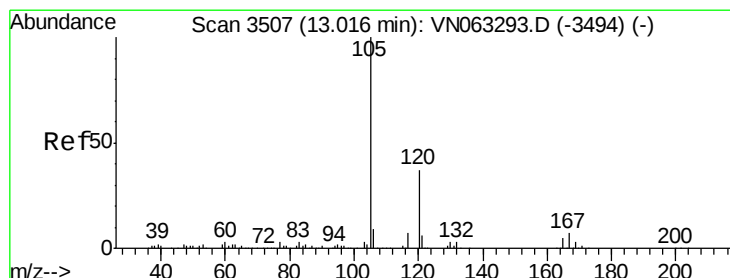
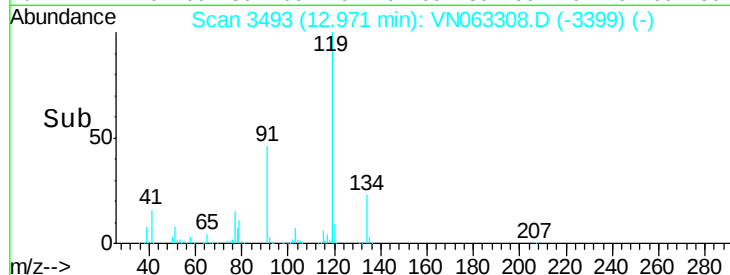
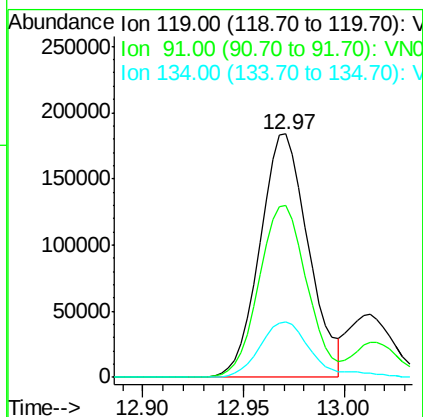
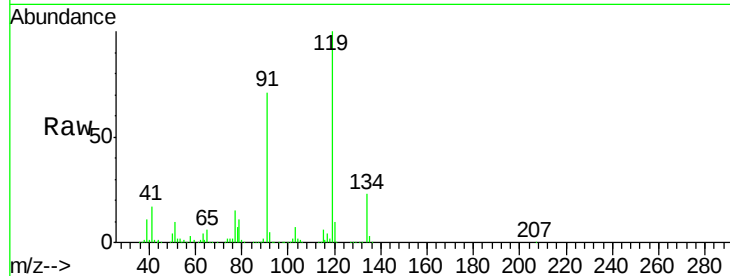
#83
 tert-Butylbenzene
 Concen: 17.712 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.8	34.8	104.3
134	24.4	11.9	35.5

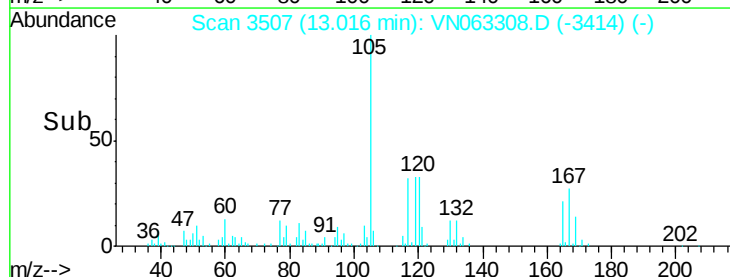
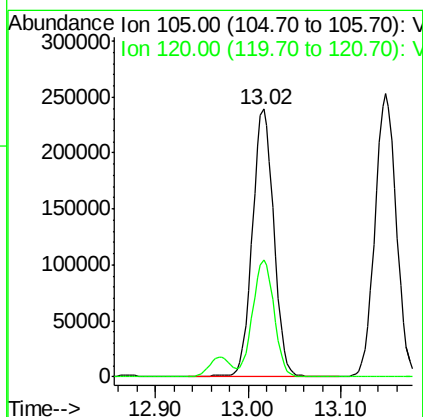
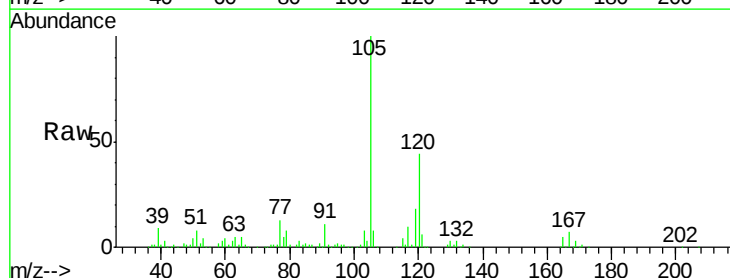
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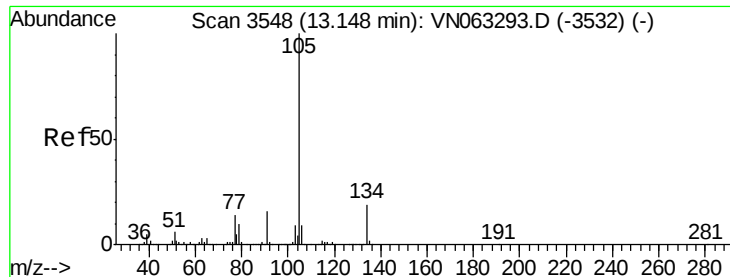
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.598 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.8	65.4





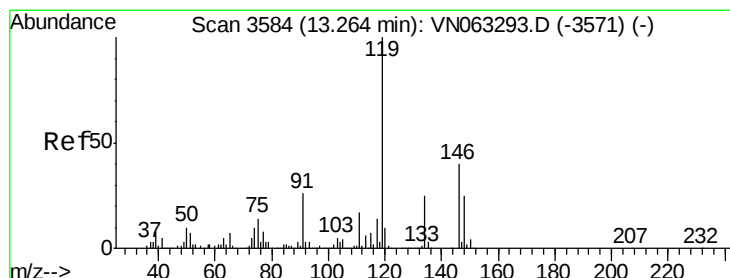
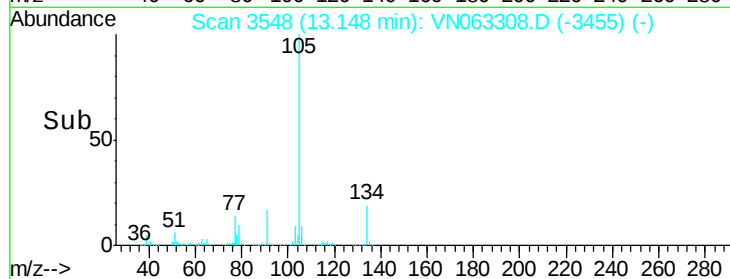
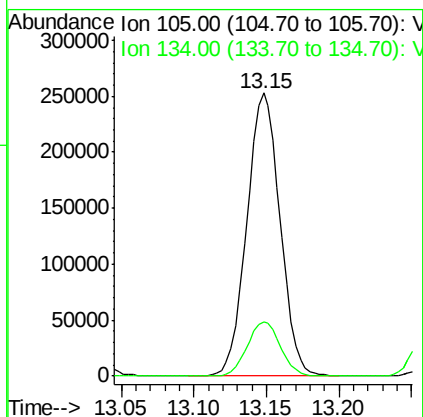
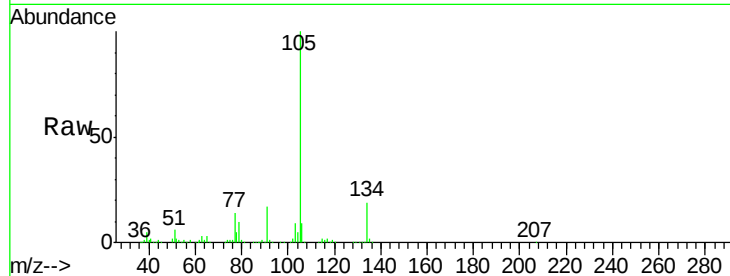
#85
 sec-Butylbenzene
 Concen: 18.157 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	401546		
134	19.3	9.4	28.3	

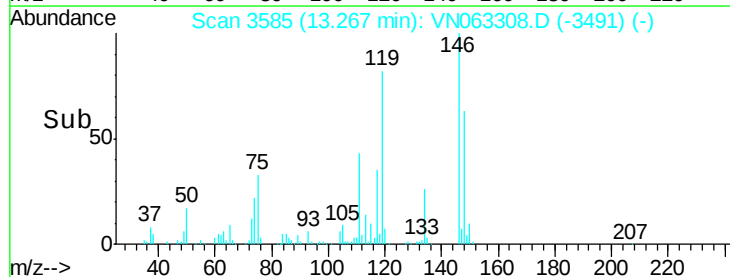
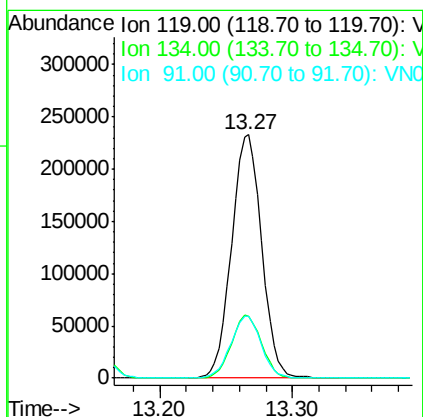
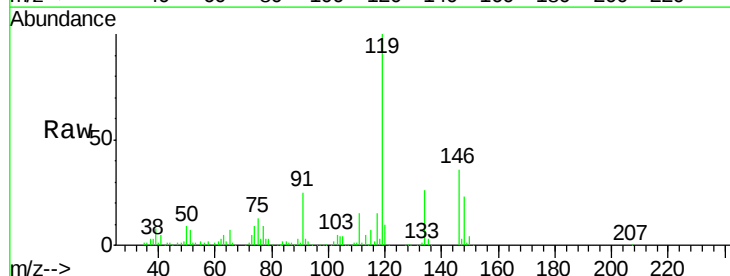
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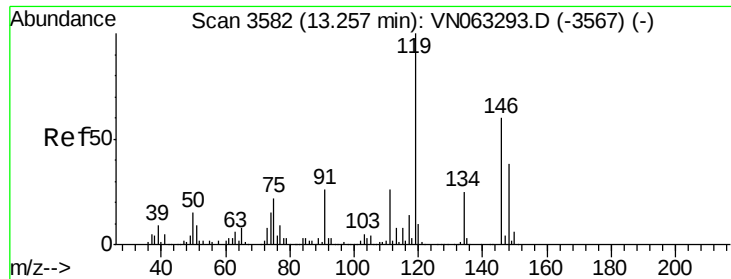
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#86
 p-Isopropyltoluene
 Concen: 18.031 ug/l
 RT: 13.27 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	365567		
134	25.7	12.6	37.8	
91	25.6	12.8	38.3	





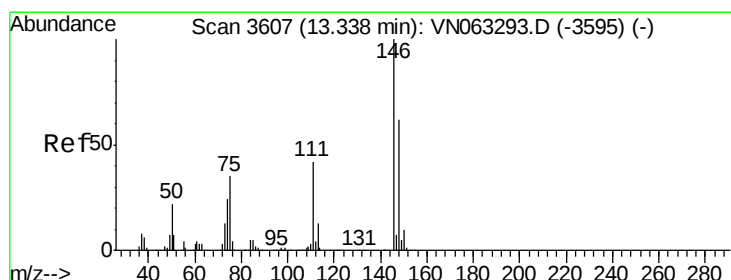
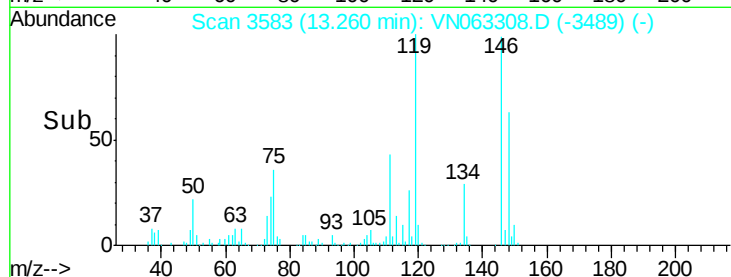
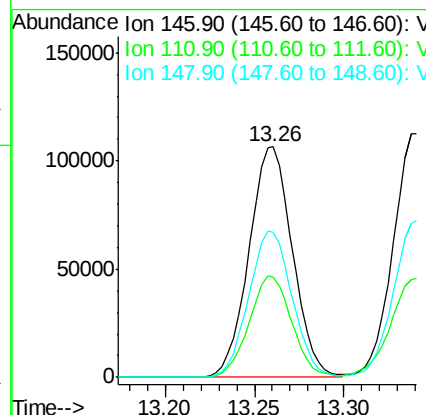
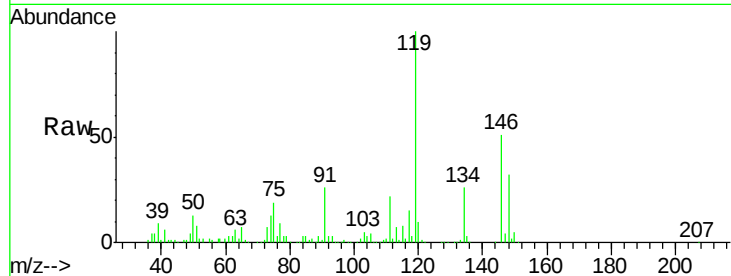
#87
 1,3-Dichlorobenzene
 Concen: 17.468 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampled :
 VN0911WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181193		
111	43.1	21.8	65.4	
148	63.7	31.8	95.4	

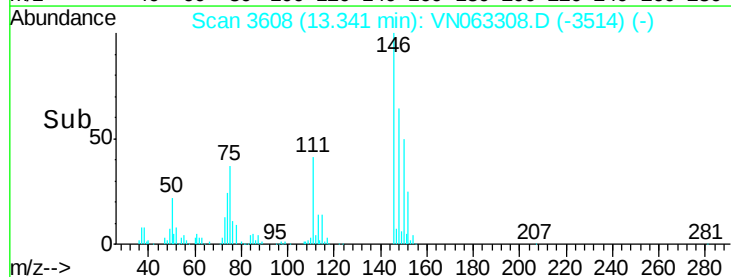
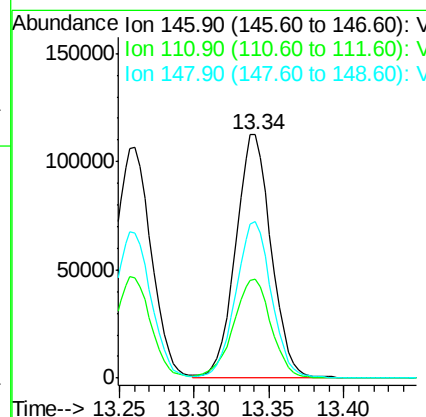
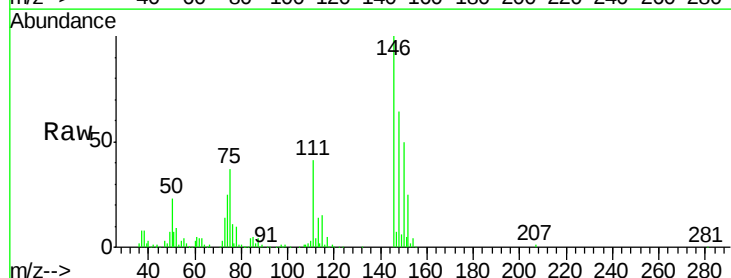
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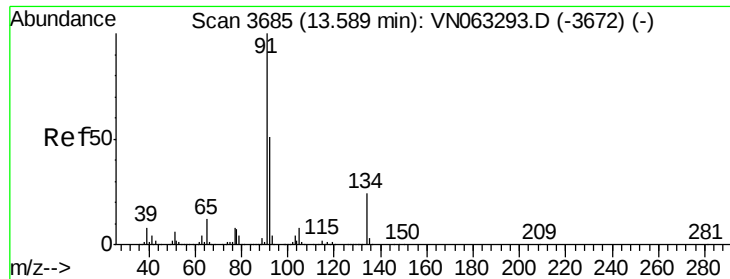
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#88
 1,4-Dichlorobenzene
 Concen: 18.038 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	185380		
111	42.7	21.3	64.0	
148	64.5	31.5	94.5	





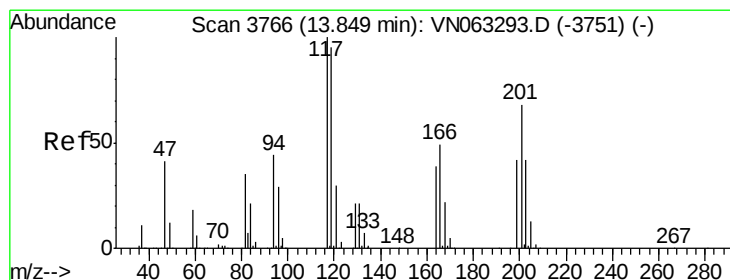
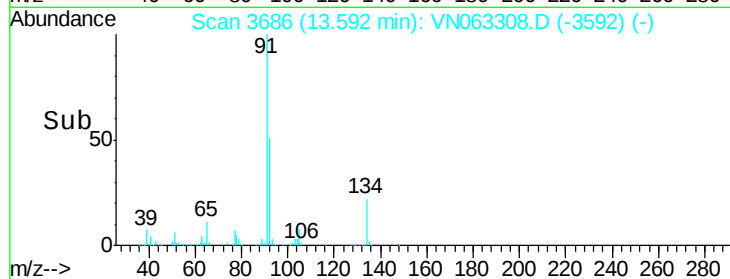
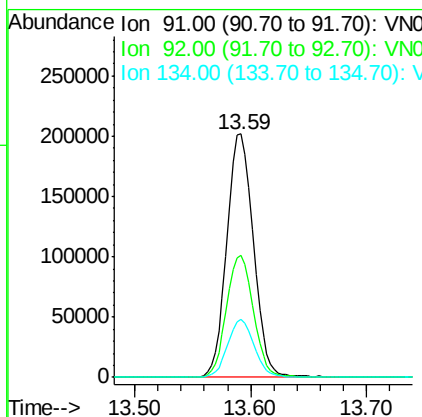
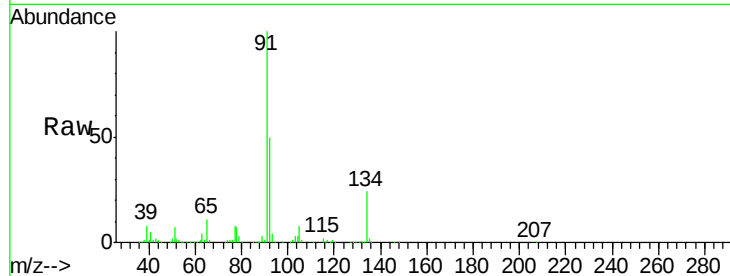
#89
n-Butylbenzene
Concen: 17.527 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.8	77.3
134	23.5	12.0	36.0

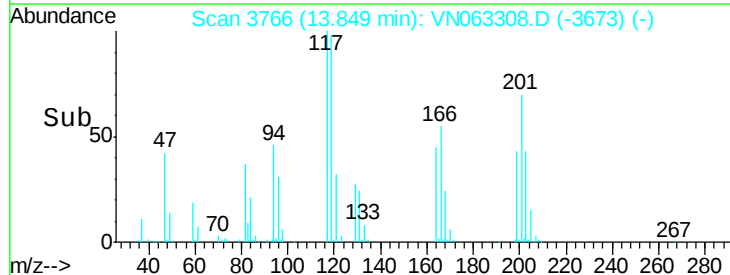
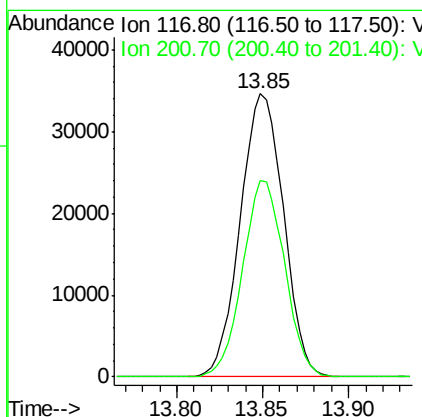
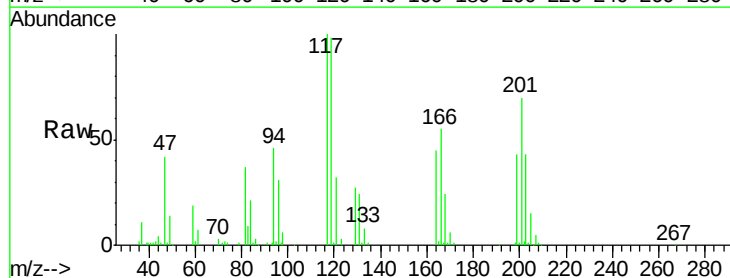
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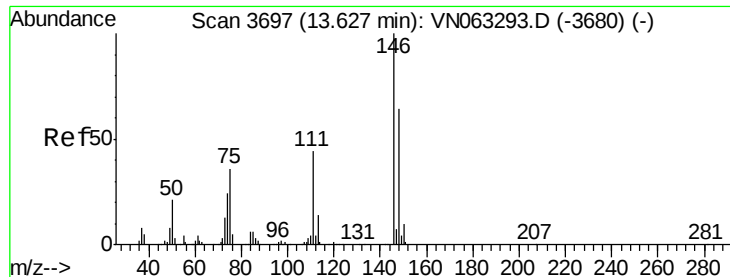
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#90
Hexachloroethane
Concen: 18.194 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.2	33.5	100.4





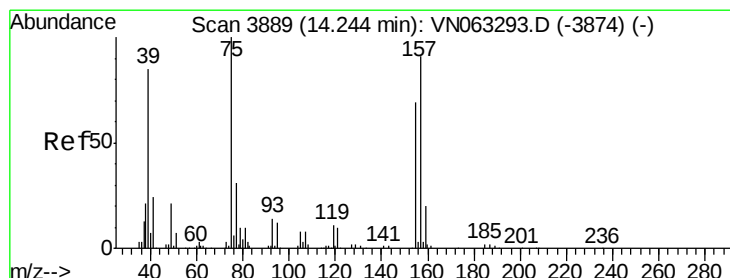
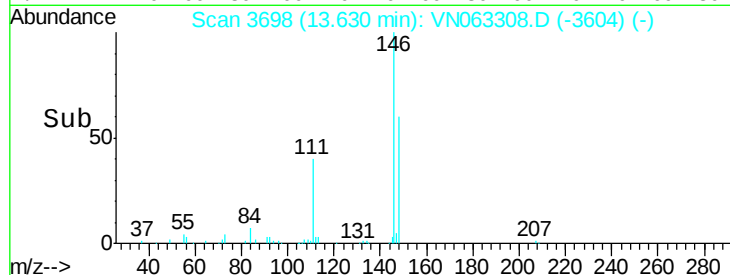
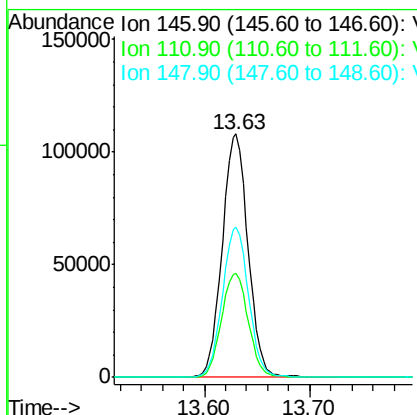
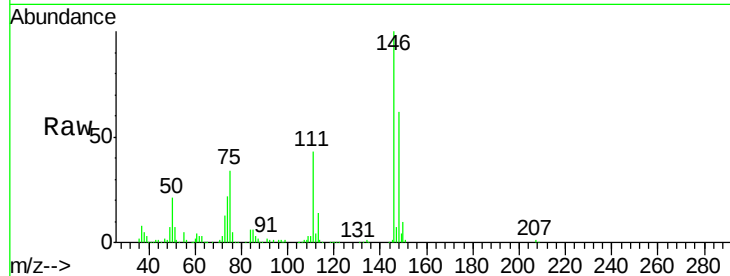
#91
 1,2-Dichlorobenzene
 Concen: 17.876 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183271		
111	44.3	22.1	66.5	
148	62.5	31.8	95.3	

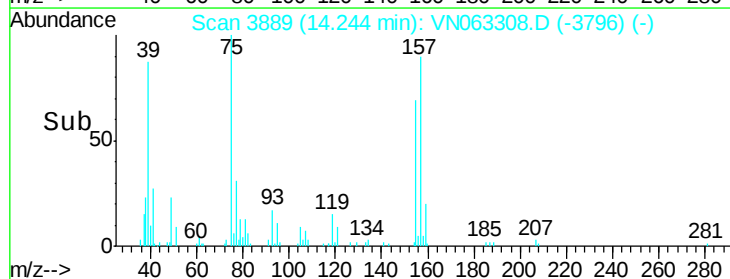
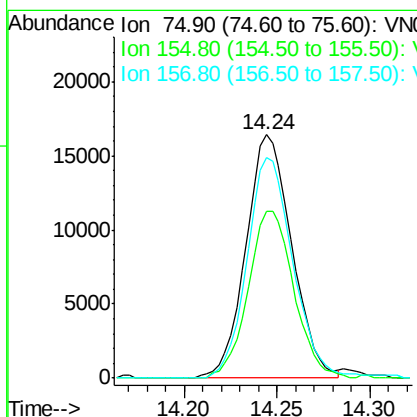
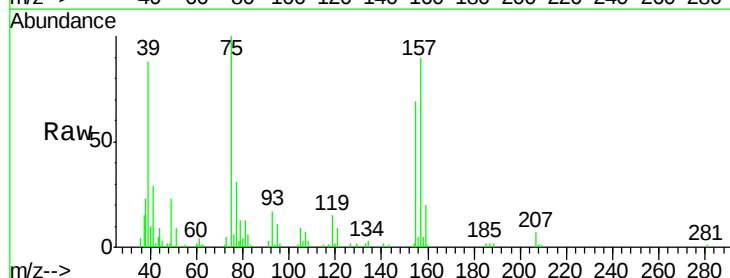
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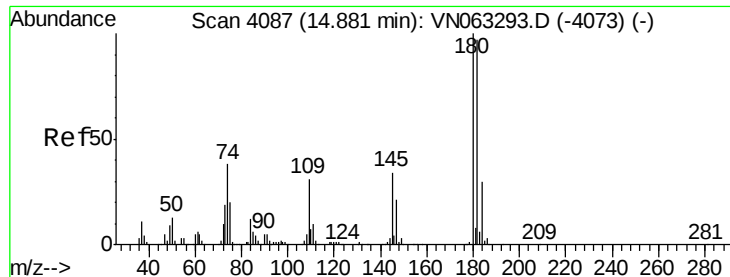
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.562 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28232		
155	68.1	35.3	105.7	
157	90.5	46.7	140.0	





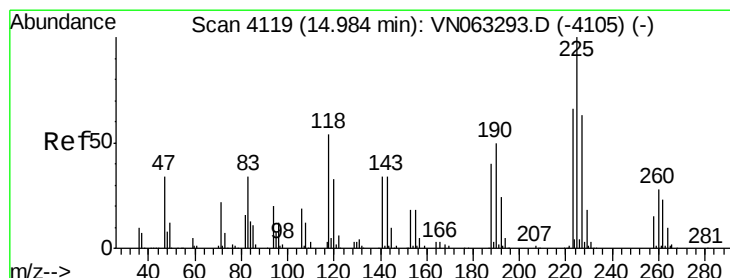
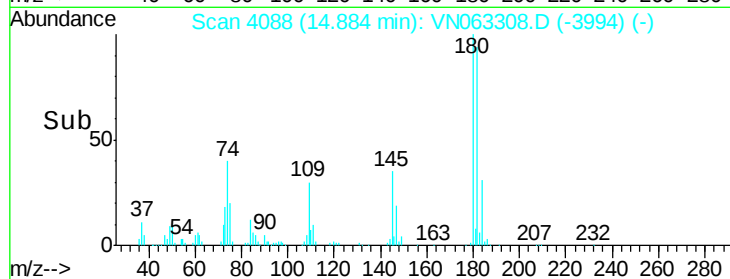
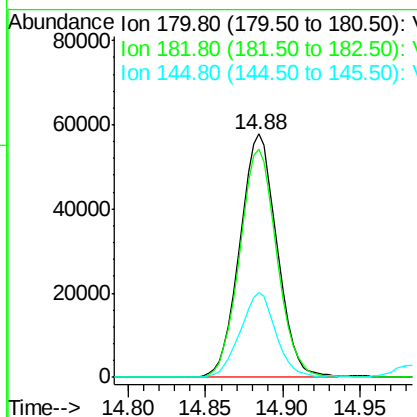
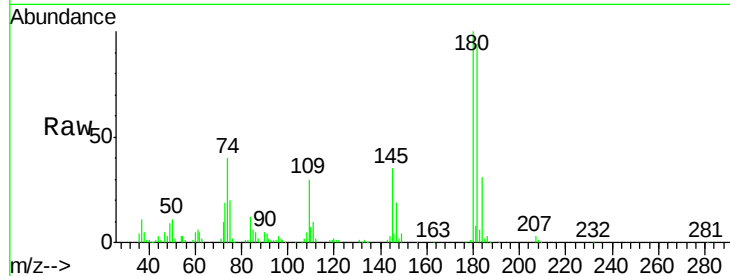
#93
 1,2,4-Trichlorobenzene
 Concen: 16.118 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
 MSVOA_N
 ClientSampled :
 VN0911WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.2
145	33.4	16.6	49.8

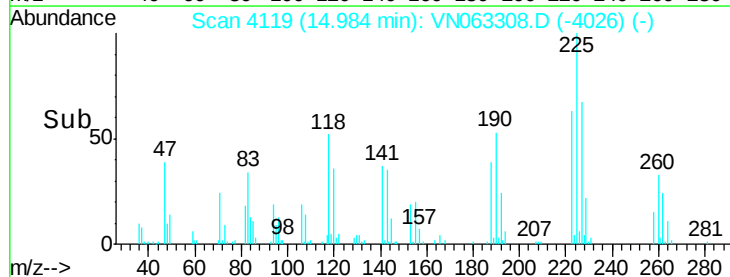
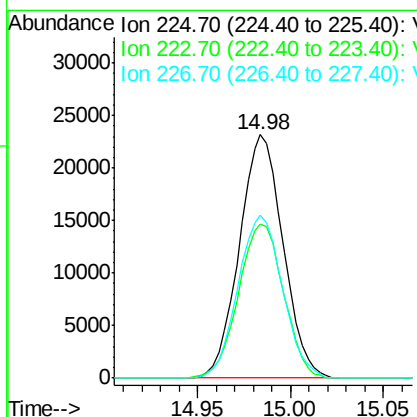
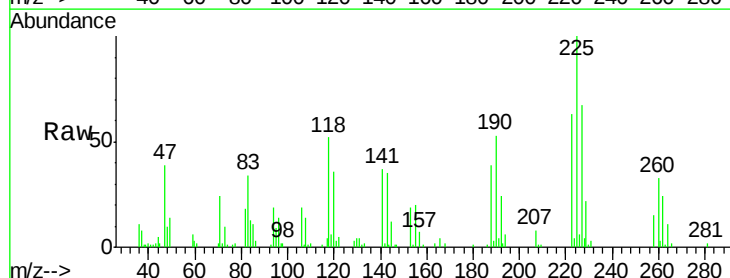
Manual Integrations
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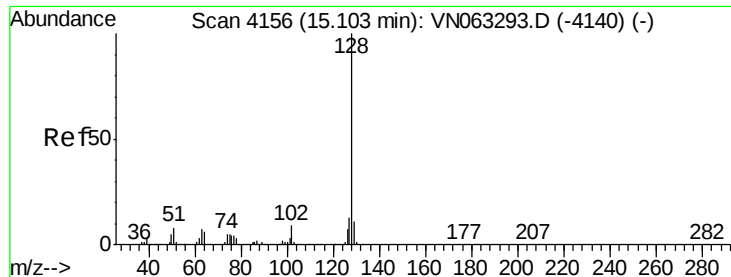
sam
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#94
 Hexachlorobutadiene
 Concen: 16.636 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	31.3	93.9
227	68.1	31.2	93.6





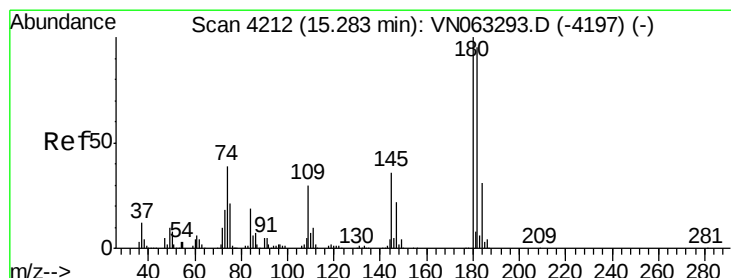
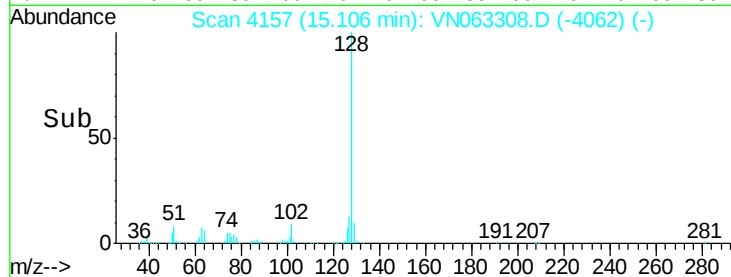
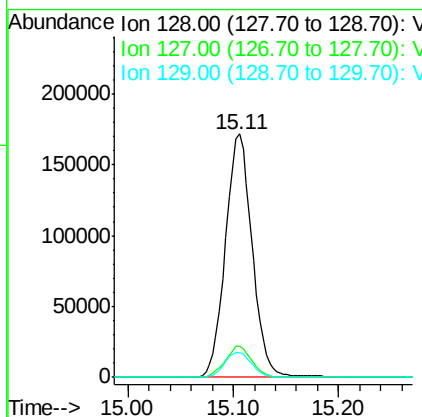
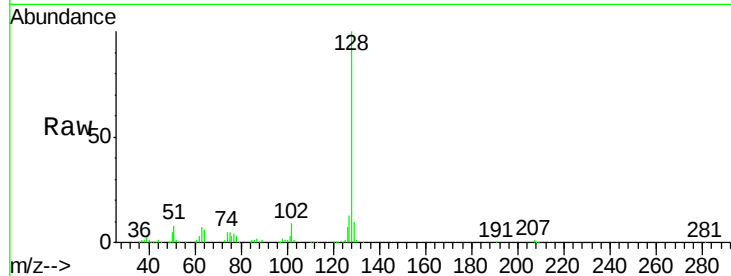
#95
Naphthalene
Concen: 16.317 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	300756		
127	12.8	10.3	15.5	
129	10.5	8.6	12.8	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 16.816 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93576		
182	93.8	47.4	142.3	
145	35.3	17.2	51.6	

