

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091120\
 Data File : VN063305.D
 Acq On : 11 Sep 2020 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 9/21/2020 7:25:51 PM

Quant Time: Sep 21 18:51:35 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	7.62	168	447332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	780752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	705151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	341471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	341994	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	7.55	113	249870	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.06	98	981182	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.38	95	365883	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	205177	47.758	ug/l	99
3) Chloromethane	2.04	50	300645	53.625	ug/l	99
4) Vinyl Chloride	2.17	62	311226	51.204	ug/l	97
5) Bromomethane	2.53	94	205153	48.378	ug/l	98
6) Chloroethane	2.67	64	197491	49.670	ug/l	98
7) Trichlorofluoromethane	2.98	101	483158	51.403	ug/l	99
8) Diethyl Ether	3.37	74	166581	49.703	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	250106	50.930	ug/l	100
10) Methyl Iodide	3.91	142	331990	52.152	ug/l	99
11) Tert butyl alcohol	4.72	59	231571	249.210	ug/l	100
12) 1,1-Dichloroethene	3.70	96	247485	50.487	ug/l	96
13) Acrolein	3.56	56	149292	283.034	ug/l	98
14) Allyl chloride	4.28	41	491047	48.797	ug/l	98
15) Acrylonitrile	4.93	53	638581	251.347	ug/l	99
16) Acetone	3.77	43	612241	252.277	ug/l	100
17) Carbon Disulfide	4.01	76	713435	51.441	ug/l	100
18) Methyl Acetate	4.28	43	299015	49.013	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	886606	50.616	ug/l	100
20) Methylene Chloride	4.50	84	288811	52.330	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	274923	50.116	ug/l	98
22) Diisopropyl ether	5.90	45	1008406	50.920	ug/l	98
23) Vinyl Acetate	5.84	43	4179754	268.142	ug/l	100
24) 1,1-Dichloroethane	5.79	63	540874	50.434	ug/l	99
25) 2-Butanone	6.78	43	924768	257.961	ug/l	99
26) 2,2-Dichloropropane	6.78	77	474670	50.498	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	317737	49.699	ug/l	98
28) Bromochloromethane	7.15	49	249072	47.895	ug/l	98
29) Tetrahydrofuran	7.16	42	592365	253.768	ug/l	100
30) Chloroform	7.33	83	544241	50.684	ug/l	99
31) Cyclohexane	7.61	56	483017	49.000	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	470712	50.287	ug/l	99
36) 1,1-Dichloropropene	7.75	75	413523	51.528	ug/l	100
37) Ethyl Acetate	6.88	43	389451	49.327	ug/l	98
38) Carbon Tetrachloride	7.73	117	408341	51.699	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	455515	52.029	ug/l	98
40) Benzene	8.00	78	1183476	51.631	ug/l	100
41) Methacrylonitrile	7.12	41	184306	51.608	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	447557	51.463	ug/l	99
43) Isopropyl Acetate	8.12	43	686888	51.373	ug/l #	91
44) Trichloroethene	8.80	130	304347	50.772	ug/l	96
45) 1,2-Dichloropropane	9.08	63	326427	51.919	ug/l	99
46) Dibromomethane	9.17	93	211418	51.856	ug/l	98
47) Bromodichloromethane	9.37	83	440904	51.893	ug/l	98
48) Methyl methacrylate	9.16	41	329597	51.662	ug/l	99
49) 1,4-Dioxane	9.16	88	94047	952.101	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1963322	266.445	ug/l	100
52) Toluene	10.12	92	731677	52.282	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	489571	52.840	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	533132	53.443	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	280994	51.240	ug/l	98
56) Ethyl methacrylate	10.40	69	441472	52.939	ug/l	99
57) 1,3-Dichloropropane	10.68	76	502038	52.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1132452	253.167	ug/l	99
59) 2-Hexanone	10.72	43	1457495	268.199	ug/l	100
60) Dibromochloromethane	10.87	129	329506	54.718	ug/l	97
61) 1,2-Dibromoethane	10.98	107	294168	51.455	ug/l	100
64) Tetrachloroethene	10.60	164	311891	53.992	ug/l	98
65) Chlorobenzene	11.41	112	769722	50.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	288962	52.244	ug/l	99
67) Ethyl Benzene	11.48	91	1455198	53.395	ug/l	98
68) m/p-Xylenes	11.59	106	1075154	106.652	ug/l	98
69) o-Xylene	11.92	106	519238	53.671	ug/l	99
70) Styrene	11.94	104	880697	54.772	ug/l	100
71) Bromoform	12.10	173	207996	54.370	ug/l #	99
73) Isopropylbenzene	12.23	105	1387441	50.374	ug/l	100
74) N-amyl acetate	12.05	43	614093	54.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	388394	49.238	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	377225m	50.074	ug/l	
77) Bromobenzene	12.50	156	315583	49.847	ug/l	99
78) n-propylbenzene	12.57	91	1661116	53.089	ug/l	99
79) 2-Chlorotoluene	12.65	91	976948	50.780	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1193803	52.199	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	144313	51.470	ug/l	99
82) 4-Chlorotoluene	12.75	91	1027644	50.956	ug/l	99
83) tert-Butylbenzene	12.97	119	952427	49.104	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1204967	52.271	ug/l	100
85) sec-Butylbenzene	13.15	105	1306332	52.938	ug/l	100
86) p-Isopropyltoluene	13.26	119	1187160	52.476	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	590154	50.988	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	594230	53.766	ug/l	99
89) n-Butylbenzene	13.59	91	1098426	53.786	ug/l	100
90) Hexachloroethane	13.85	117	206384	55.461	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	582316	50.904	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	89396	49.837	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	340483	50.849	ug/l	98
94) Hexachlorobutadiene	14.98	225	132509	55.027	ug/l	98
95) Naphthalene	15.11	128	1031935	51.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	320448	53.385	ug/l	99

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

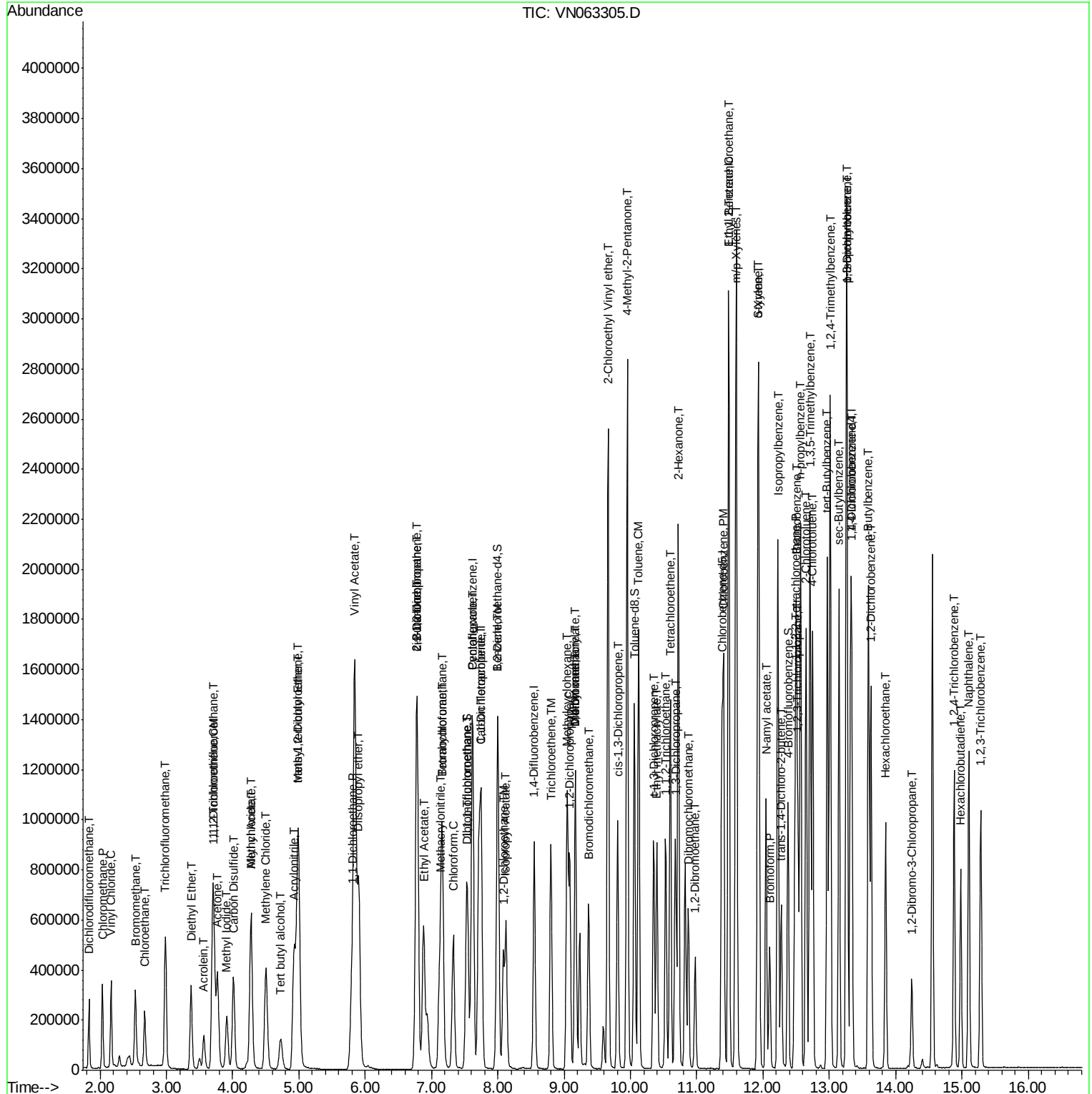
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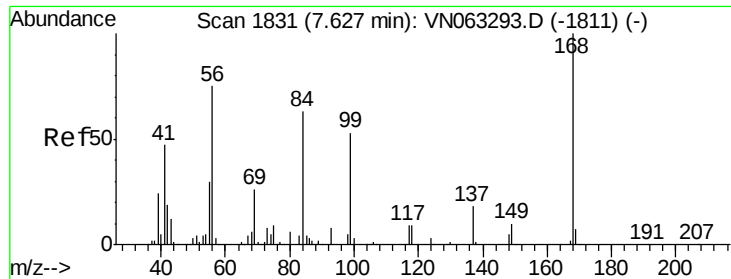
Instrument :
MSVOA_N
Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 447332

Ion Ratio Lower Upper

168 100

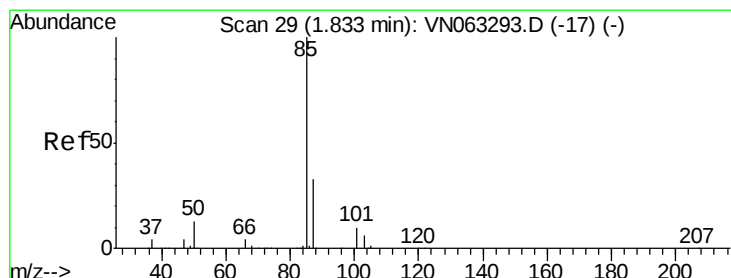
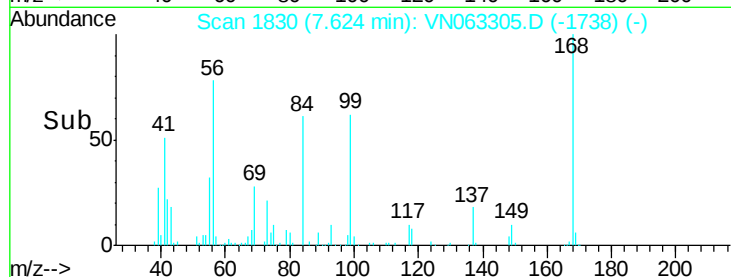
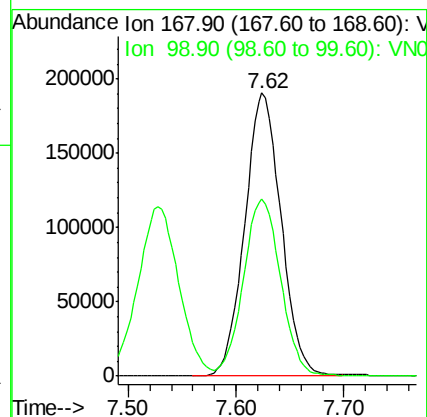
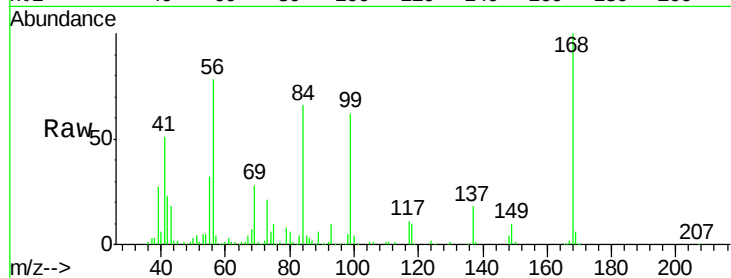
99 62.1 51.1 76.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.758 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063305.D

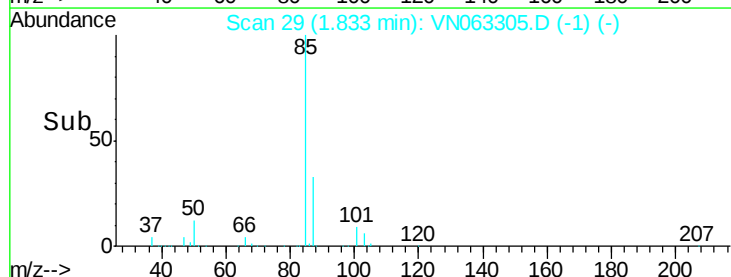
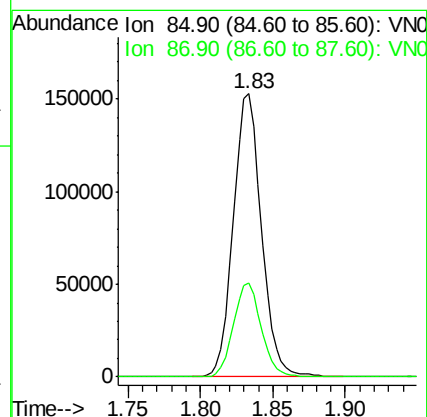
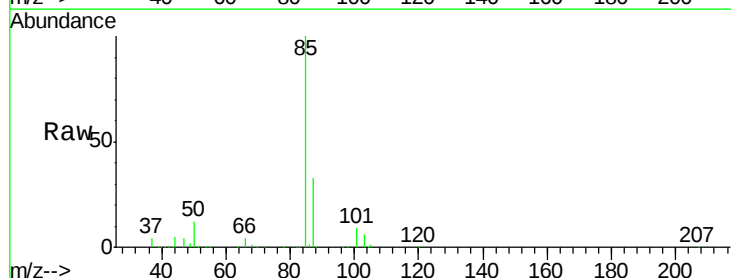
Acq: 11 Sep 2020 10:32

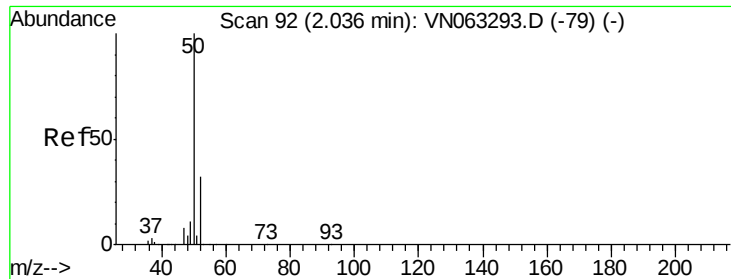
Tgt Ion: 85 Resp: 205177

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.9





#3

Chloromethane

Concen: 53.625 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 300645

Ion Ratio Lower Upper

50 100

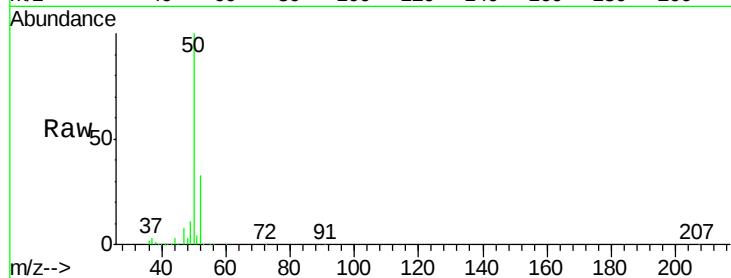
52 32.6 25.4 38.2

Manual Integrations

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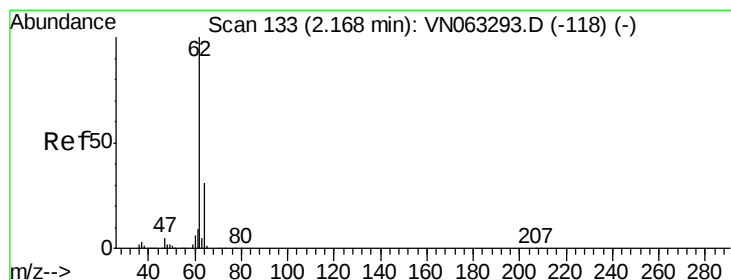
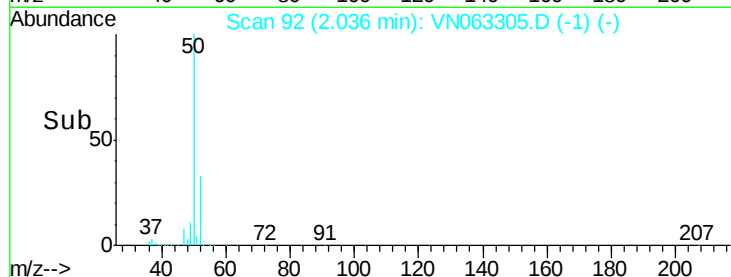
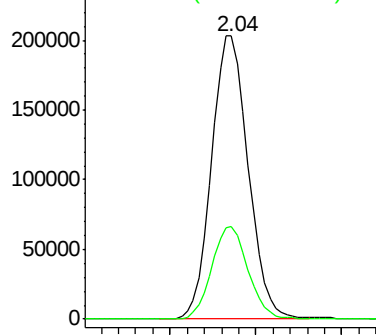
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 51.204 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063305.D

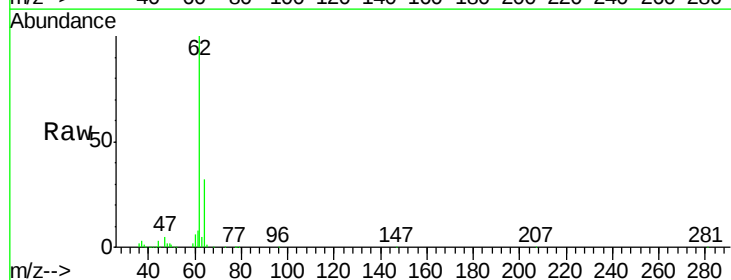
Acq: 11 Sep 2020 10:32

Tgt Ion: 62 Resp: 311226

Ion Ratio Lower Upper

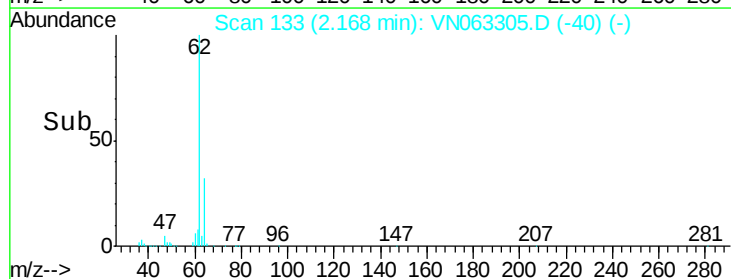
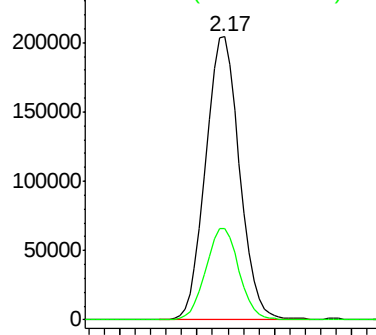
62 100

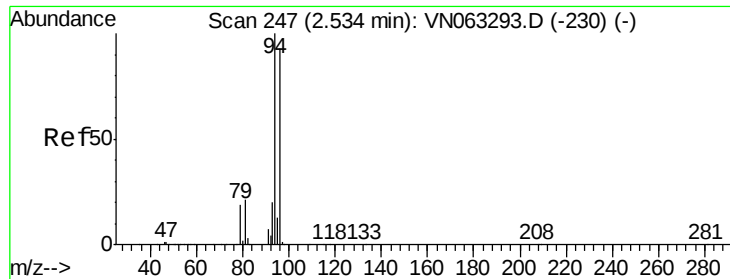
64 32.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 48.378 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 205153

Ion Ratio Lower Upper

94 100

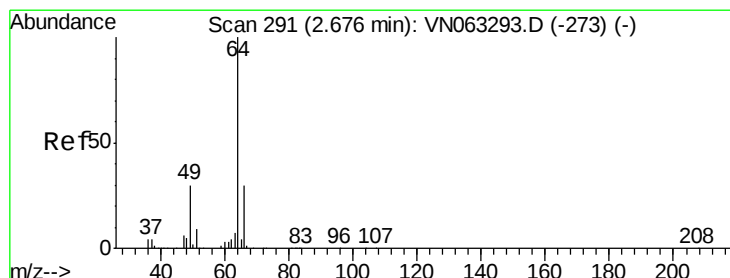
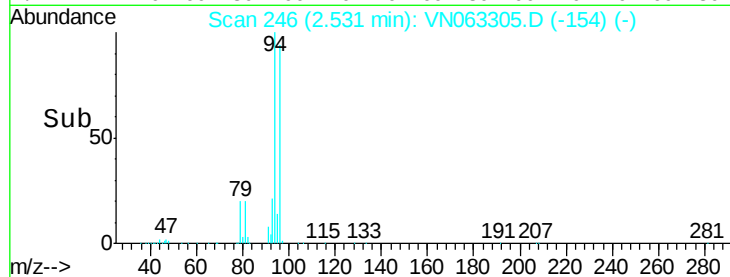
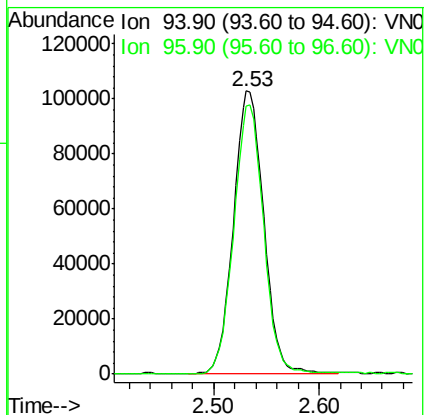
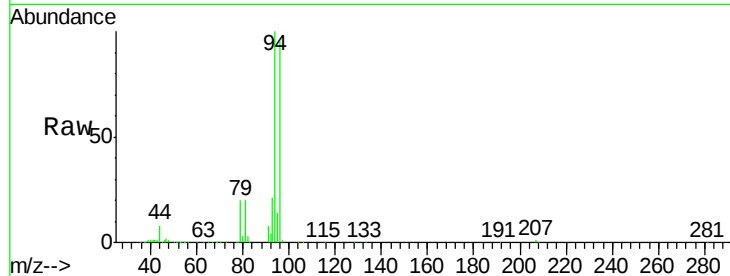
96 94.5 74.3 111.5

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#6

Chloroethane

Concen: 49.670 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063305.D

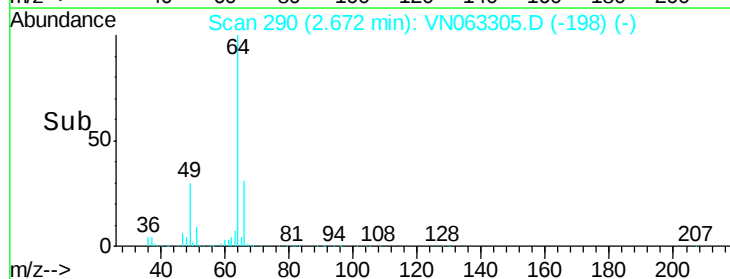
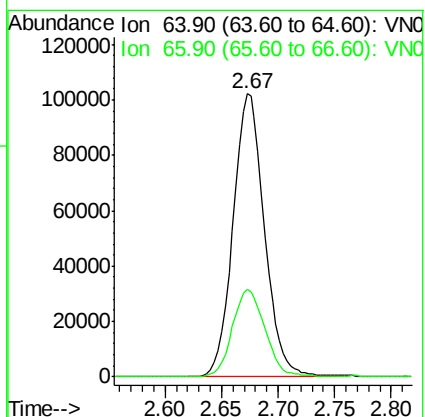
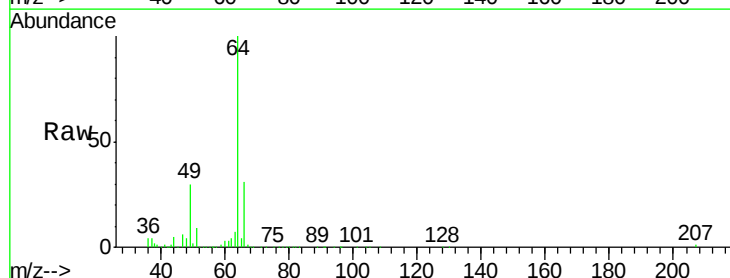
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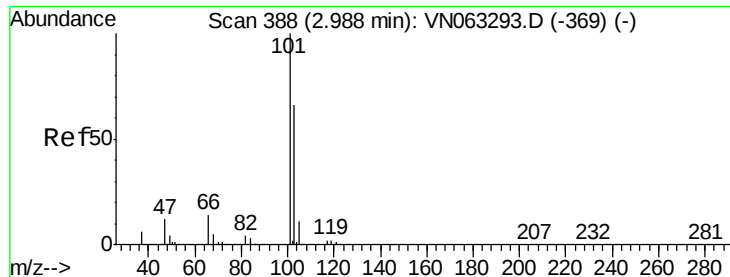
Tgt Ion: 64 Resp: 197491

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.6





#7

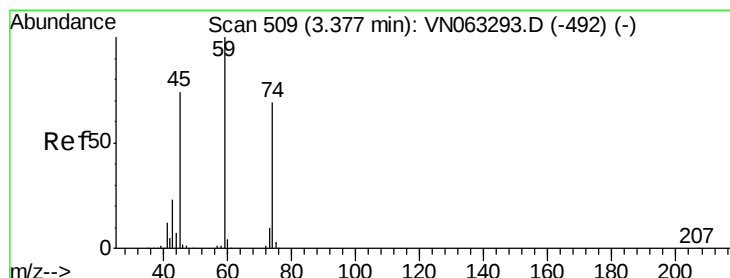
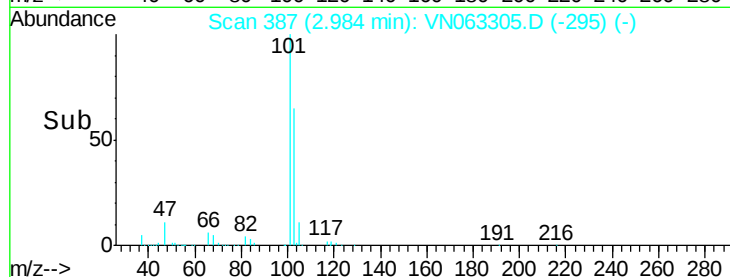
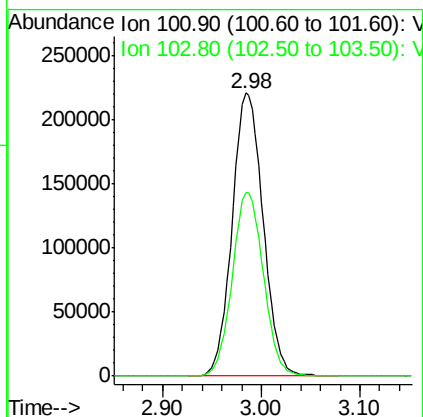
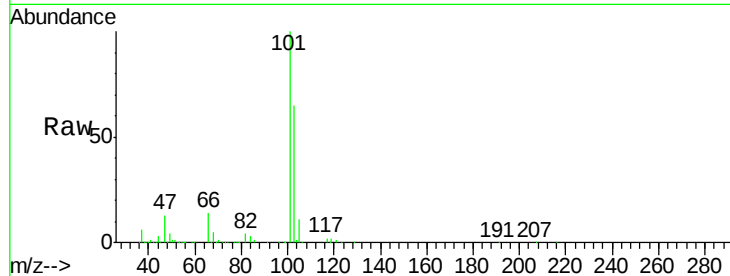
Trichlorofluoromethane
 Concen: 51.403 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063305.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	483158		
103	64.9	52.4	78.6	

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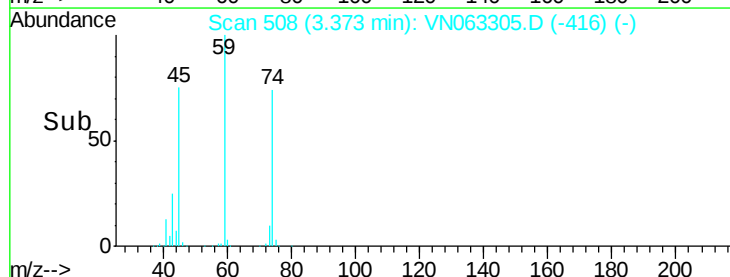
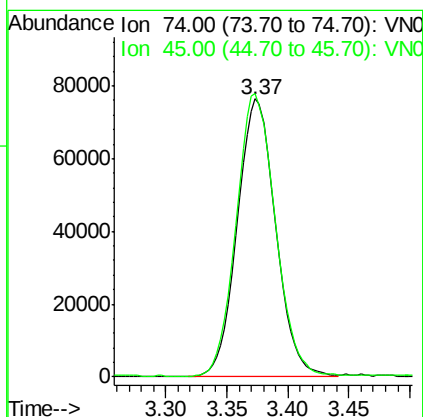
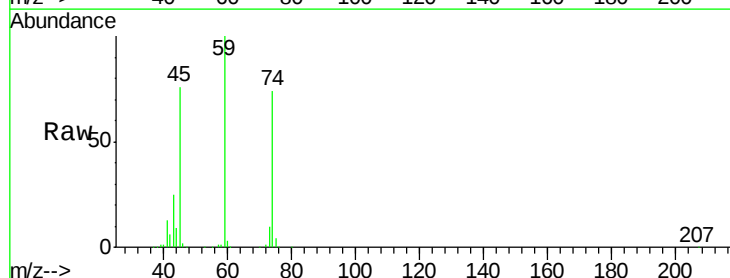
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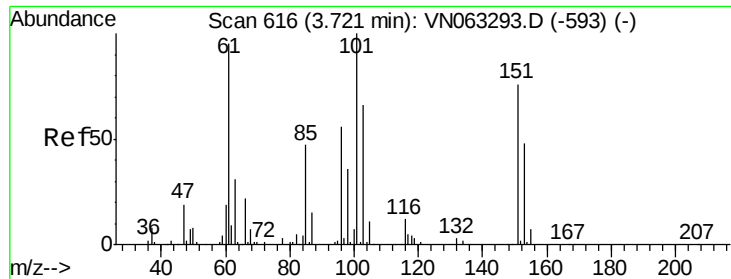


#8

Diethyl Ether
 Concen: 49.703 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	166581		
45	103.4	52.7	158.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.930 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

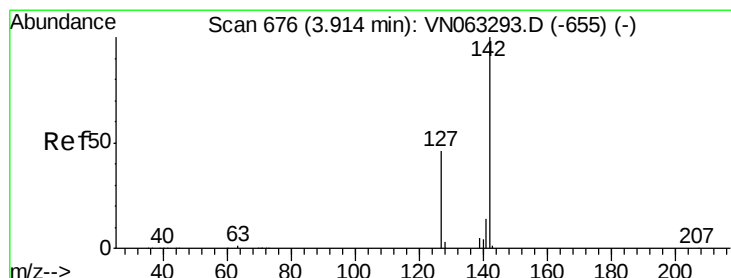
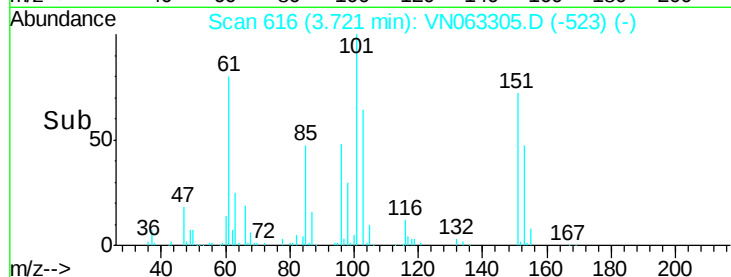
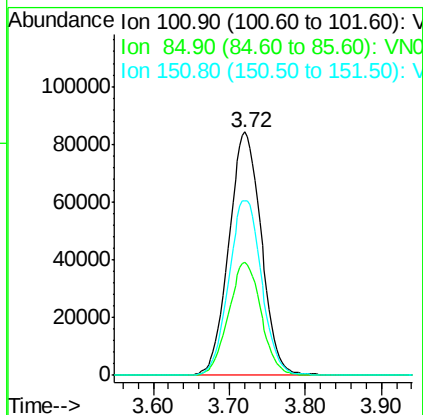
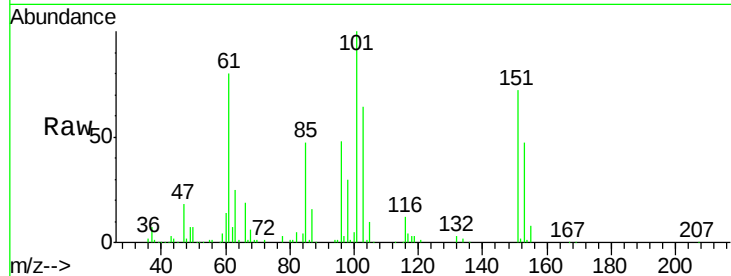
ClientSampled :

VSTDCCC050

Tgt Ion:	101	Resp:	250106
Ion Ratio	Lower	Upper	
101	100		
85	46.5	36.9	55.3
151	72.6	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 52.152 ug/l

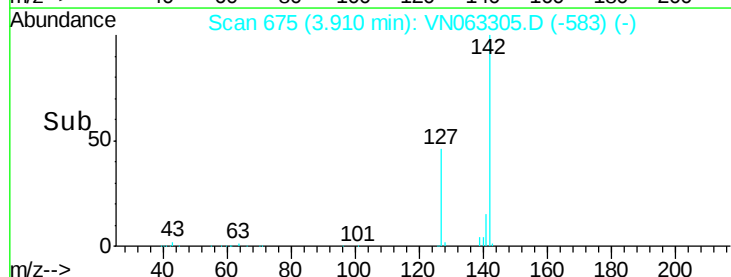
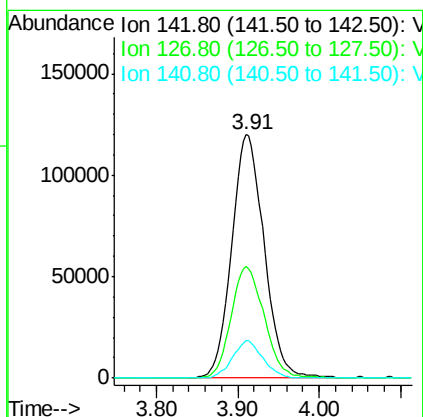
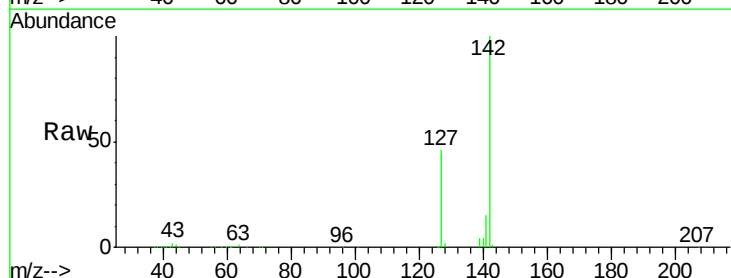
RT: 3.91 min Scan# 675

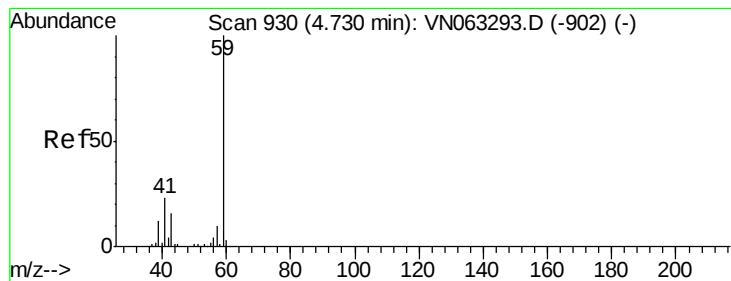
Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion:	142	Resp:	331990
Ion Ratio	Lower	Upper	
142	100		
127	46.9	37.1	55.7
141	14.4	11.6	17.4





#11

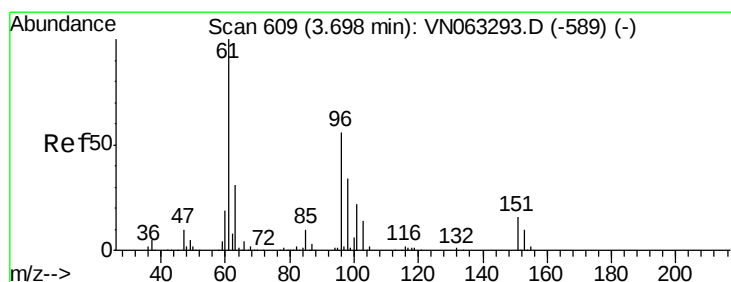
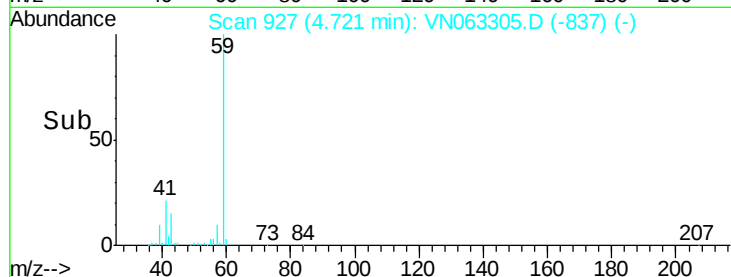
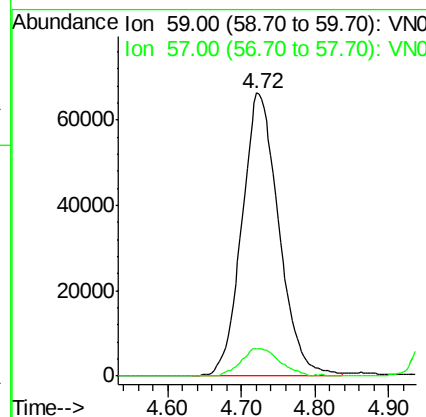
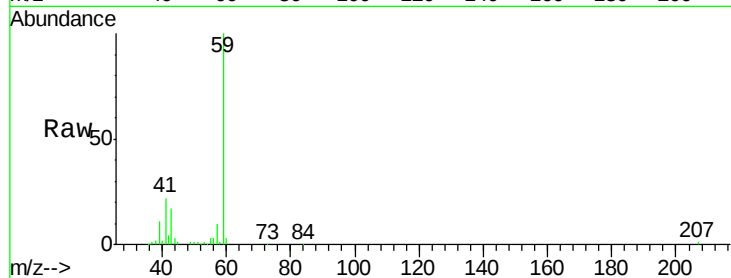
Tert butyl alcohol
Concen: 249.210 ug/l
RT: 4.72 min Scan# 927
Delta R.T. -0.01 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 231571
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
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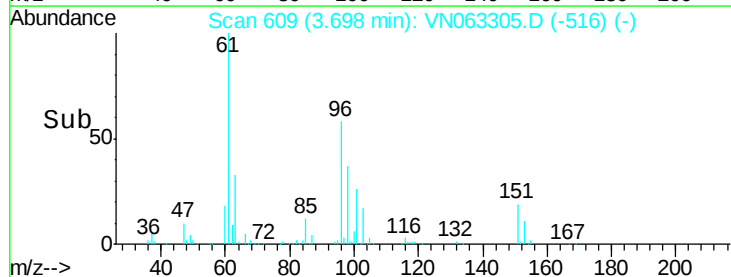
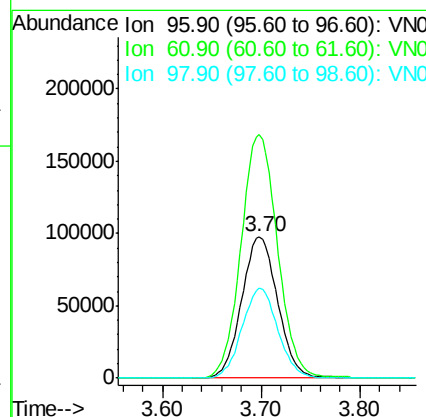
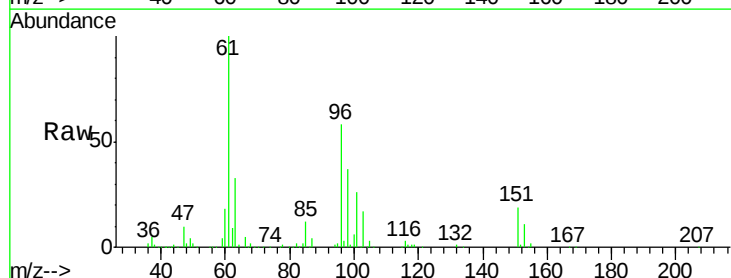
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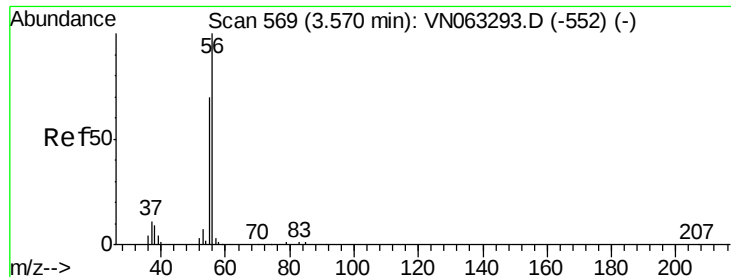


#12

1,1-Dichloroethene
Concen: 50.487 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 96 Resp: 247485
Ion Ratio Lower Upper
96 100
61 171.7 142.1 213.1
98 63.1 48.8 73.2





#13

Acrolein

Concen: 283.034 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 149292

Ion Ratio Lower Upper

56 100

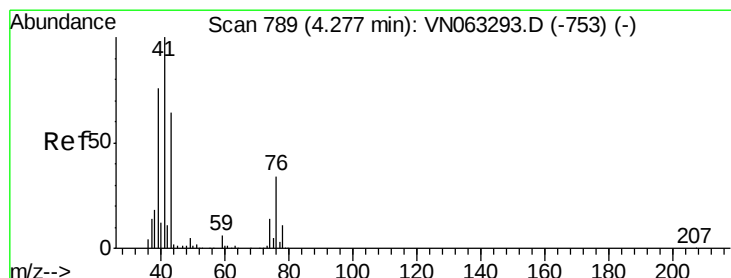
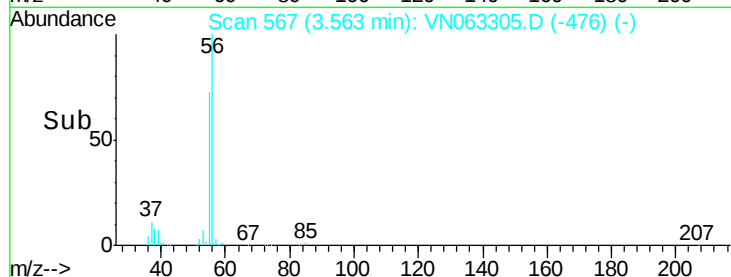
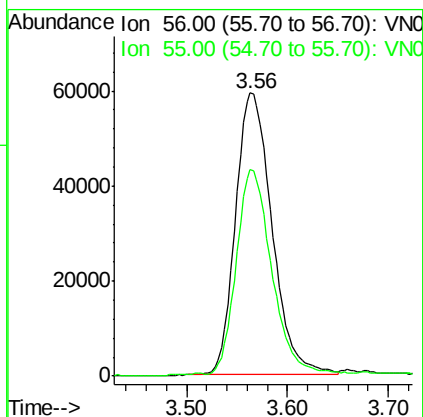
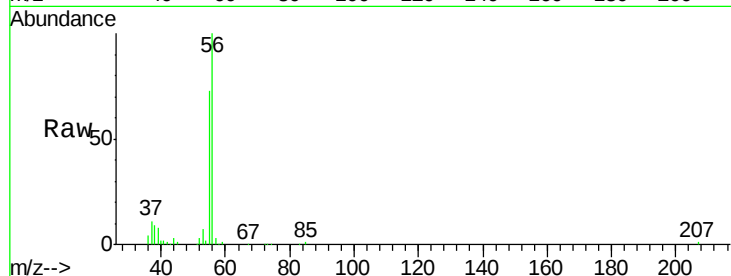
55 69.7 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 48.797 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

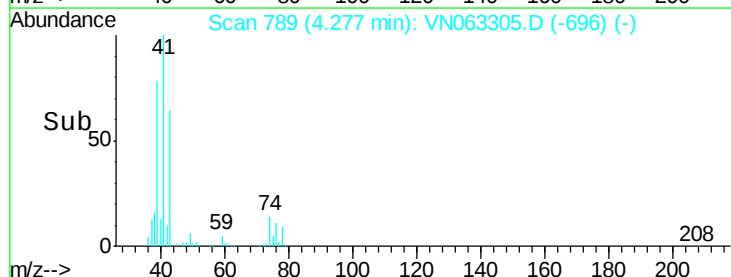
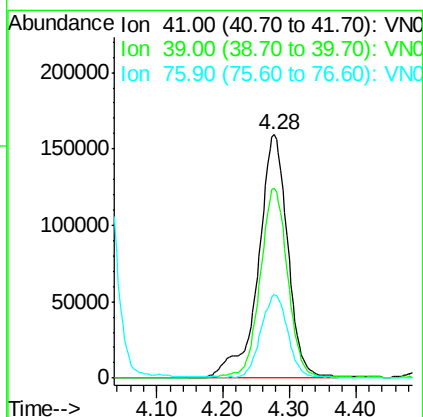
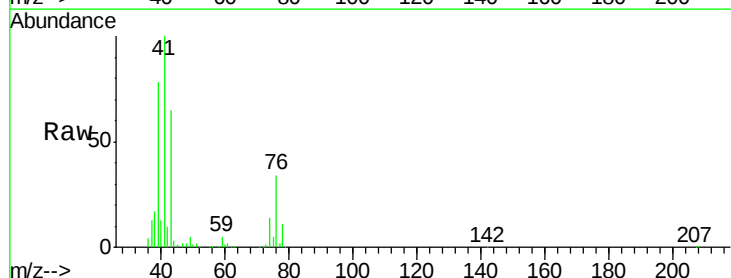
Tgt Ion: 41 Resp: 491047

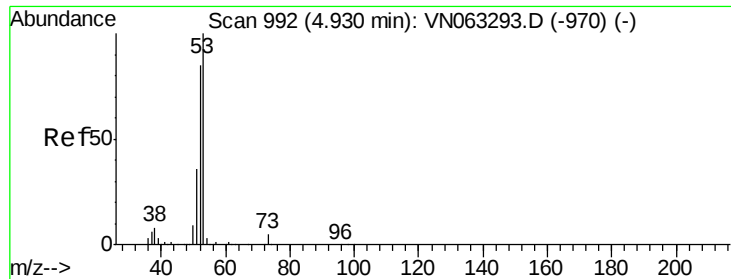
Ion Ratio Lower Upper

41 100

39 73.3 57.4 86.2

76 31.0 25.7 38.5





#15

Acrylonitrile

Concen: 251.347 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

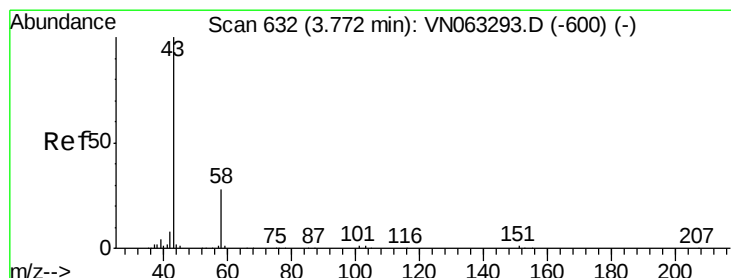
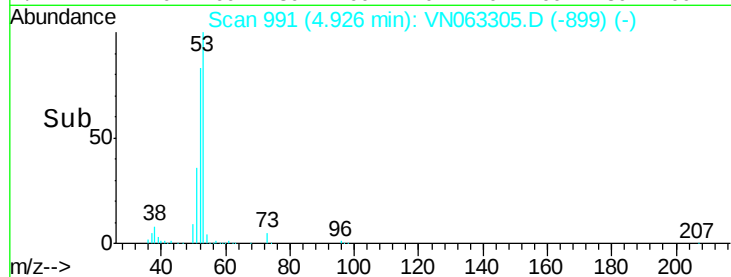
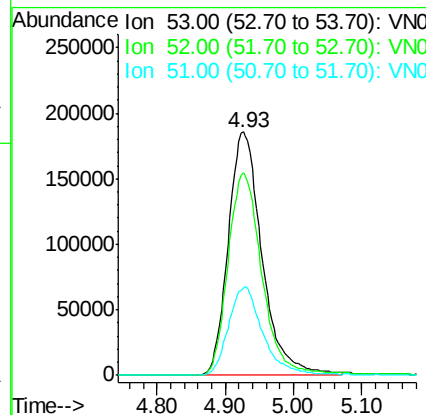
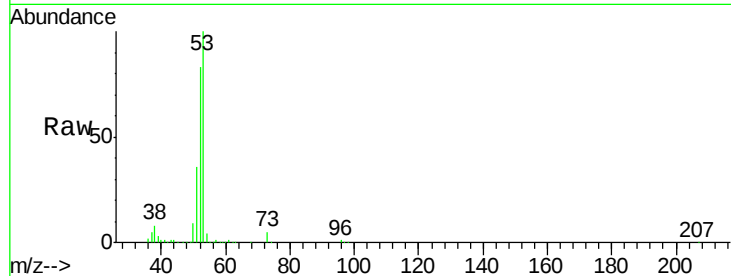
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	638581
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.5	99.7
51	36.7	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 252.277 ug/l

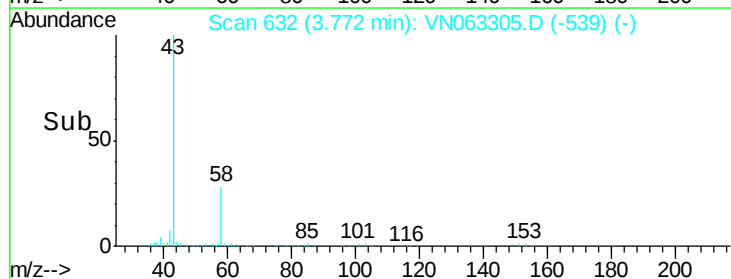
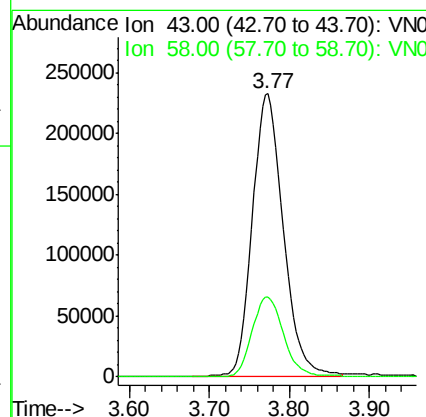
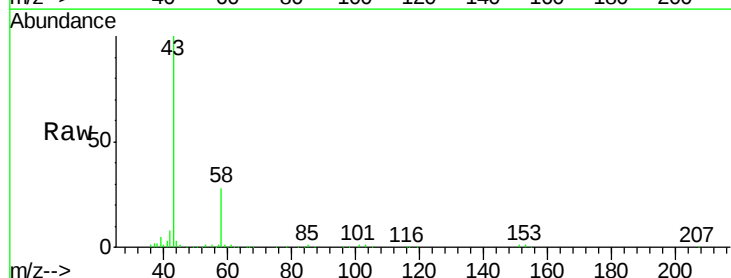
RT: 3.77 min Scan# 632

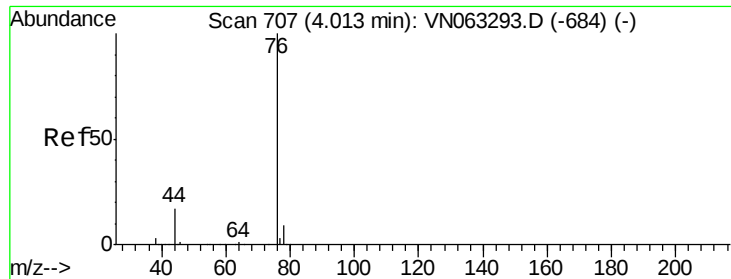
Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion:	43	Resp:	612241
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.6	34.0





#17

Carbon Disulfide

Concen: 51.441 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 713435

Ion Ratio Lower Upper

76 100

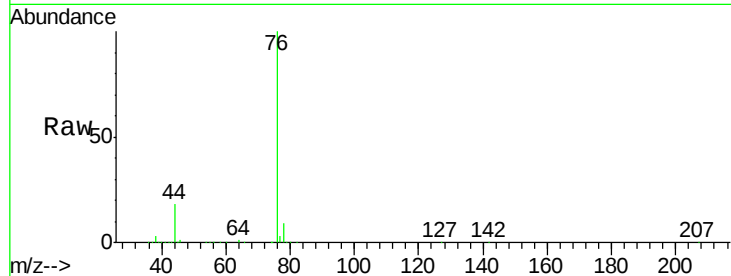
78 8.9 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN063293.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN063293.D (-684) (-)

4.01

300000

250000

200000

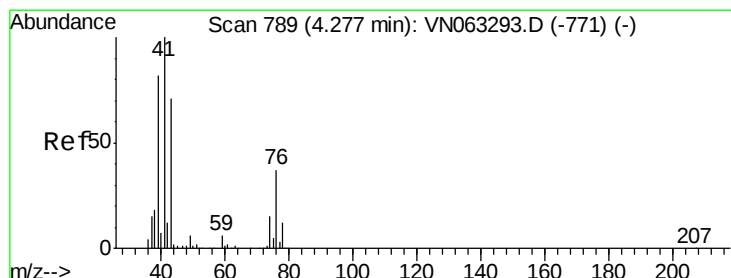
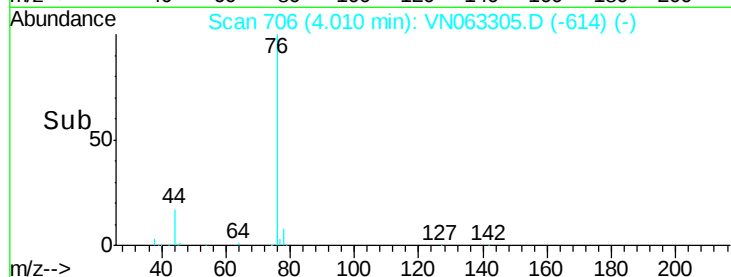
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.013 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063305.D

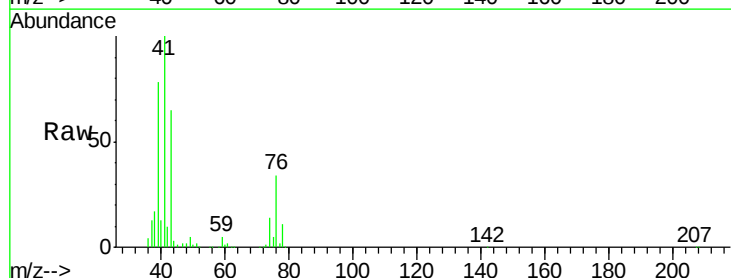
Acq: 11 Sep 2020 10:32

Tgt Ion: 43 Resp: 299015

Ion Ratio Lower Upper

43 100

74 21.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN063293.D (-771) (-)

4.28

120000

100000

80000

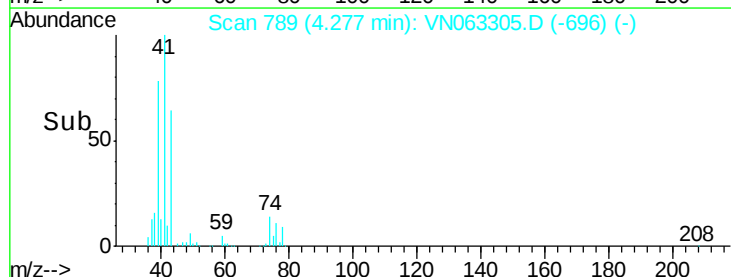
60000

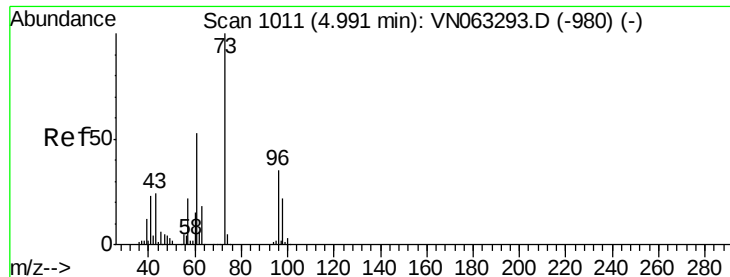
40000

20000

0

Time-->





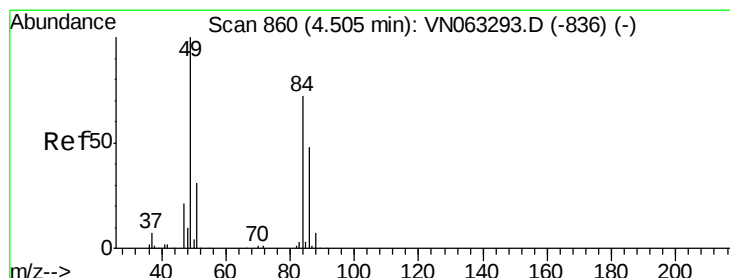
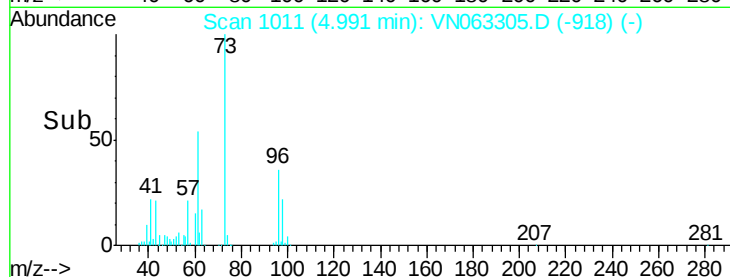
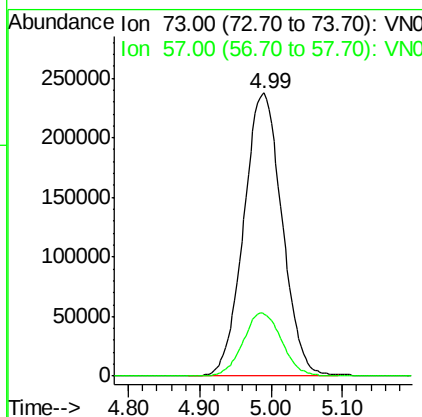
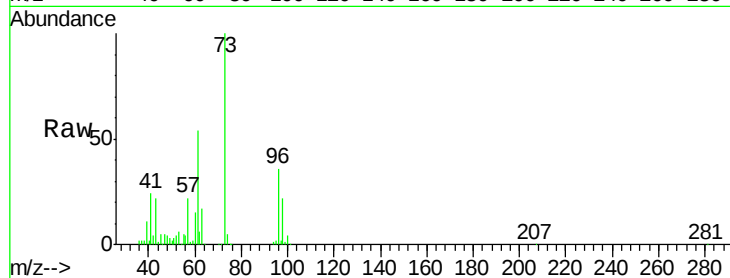
#19
Methyl tert-butyl Ether
Concen: 50.616 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 886606
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3

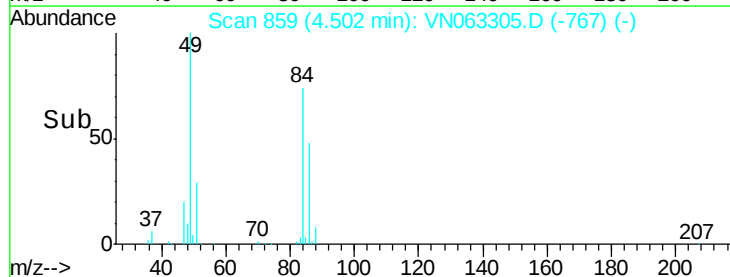
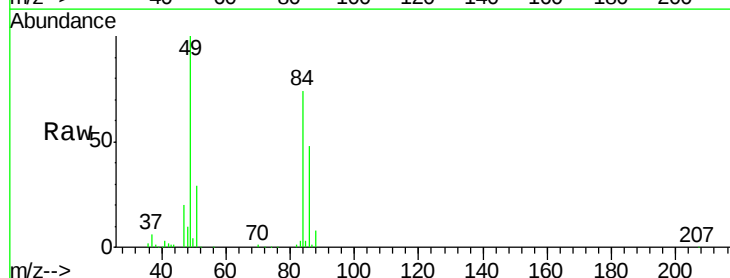
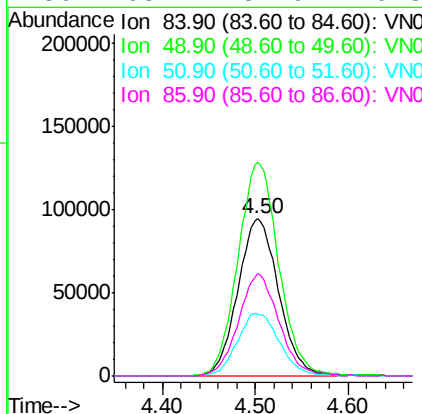
Manual Integrations
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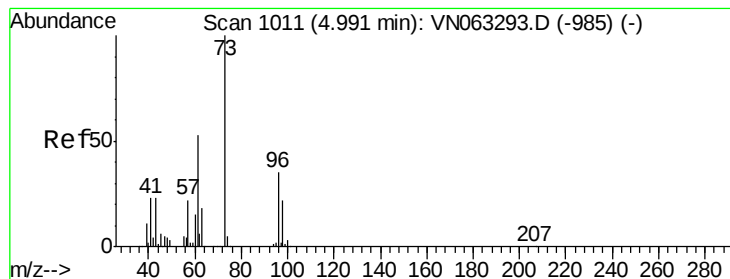
sam
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#20
Methylene Chloride
Concen: 52.330 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 84 Resp: 288811
Ion Ratio Lower Upper
84 100
49 135.7 111.1 166.7
51 39.5 34.3 51.5
86 65.1 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 50.116 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 274923

Ion Ratio Lower Upper

96 100

61 149.6 121.8 182.8

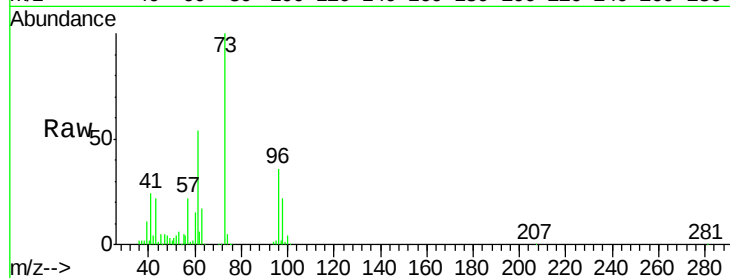
98 61.9 51.2 76.8

Manual Integrations

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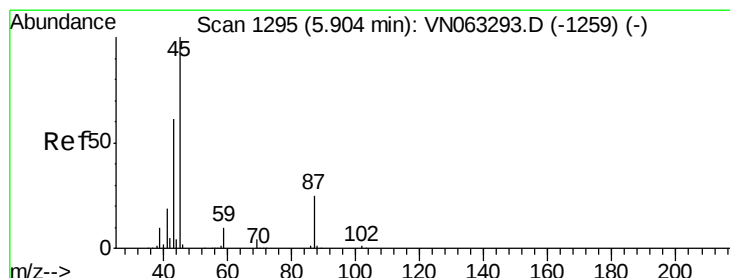
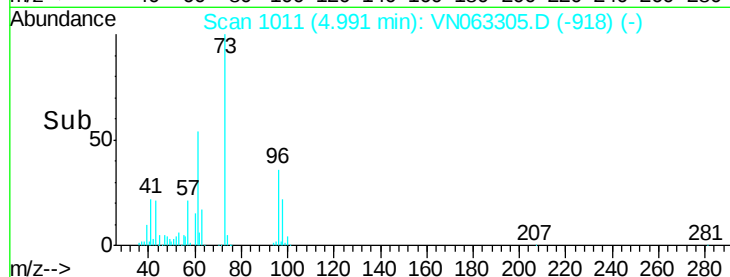
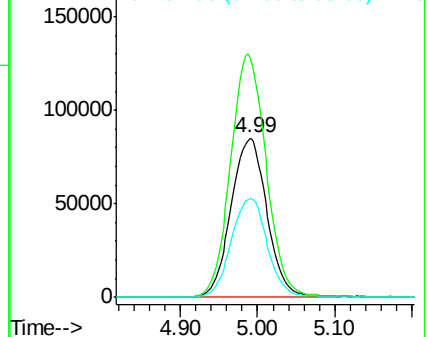
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Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 50.920 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion: 45 Resp: 1008406

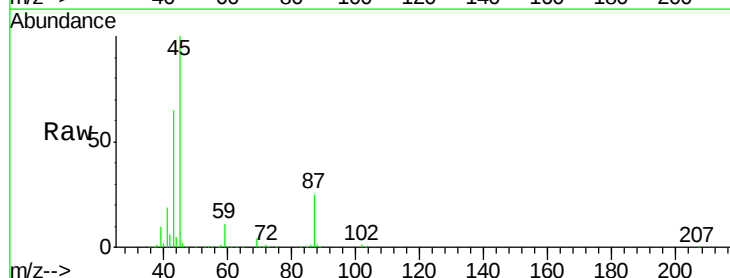
Ion Ratio Lower Upper

45 100

43 64.6 50.3 75.5

87 25.3 20.7 31.1

59 11.0 8.4 12.6

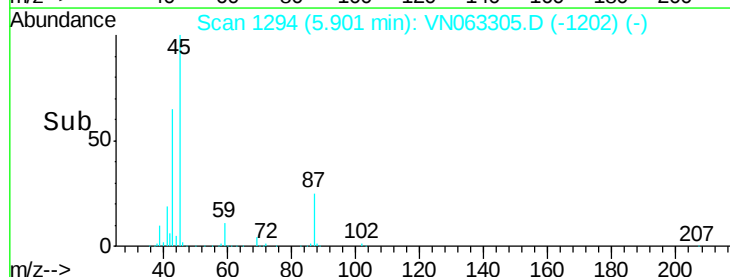
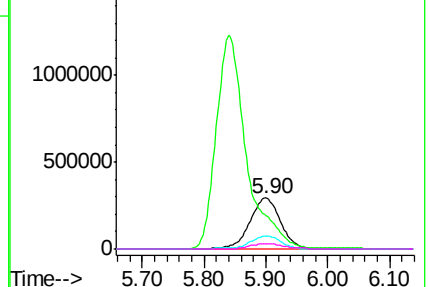


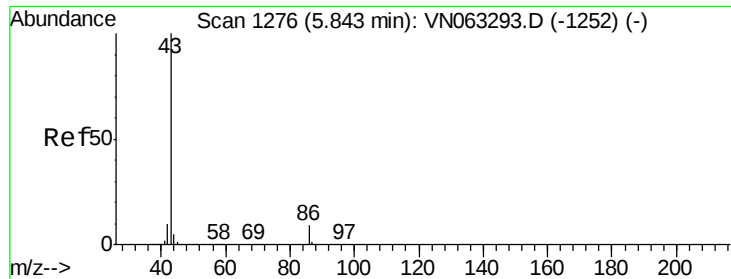
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





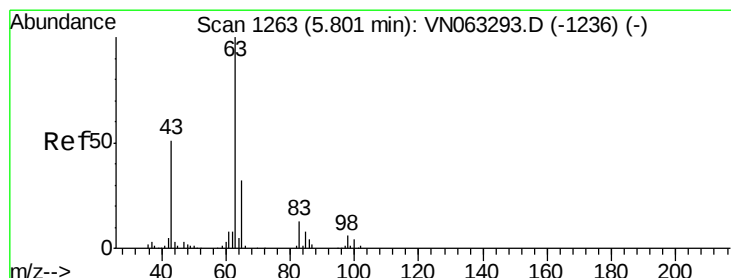
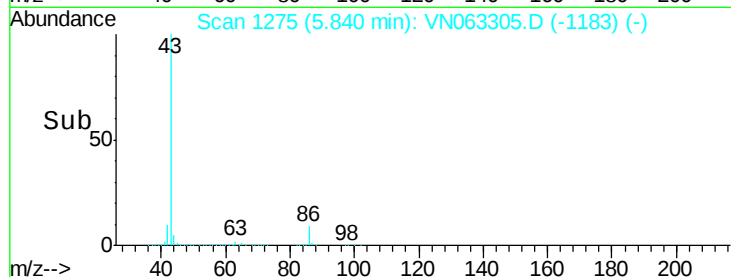
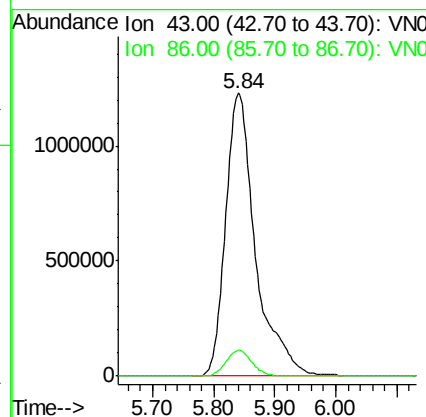
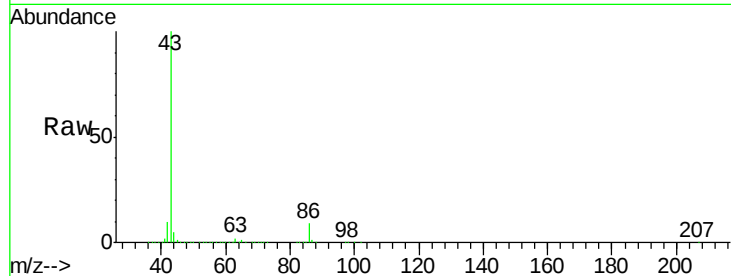
#23
 Vinyl Acetate
 Concen: 268.142 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 4179754
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.2 10.8

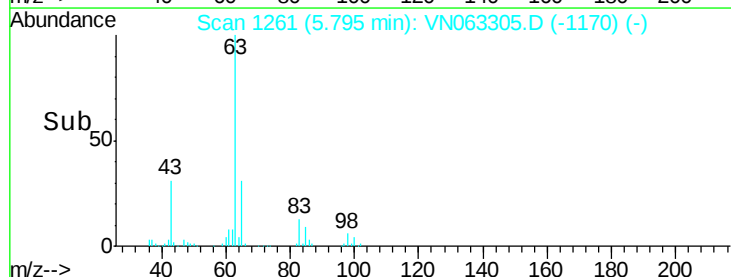
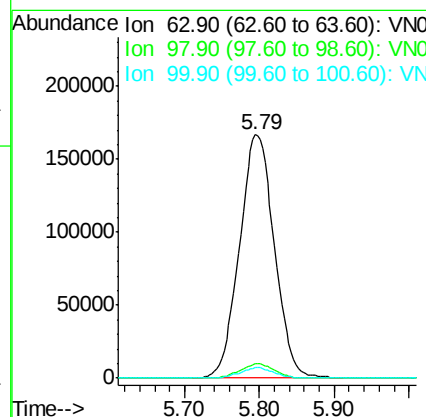
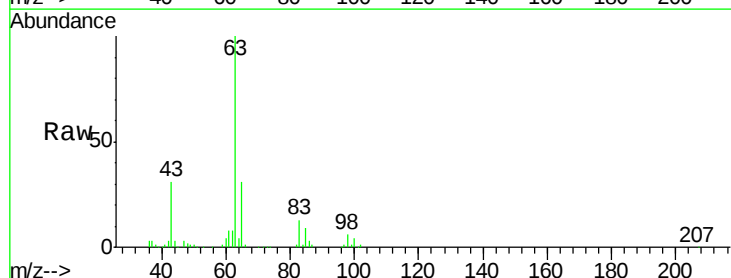
Manual Integrations
 APPROVED

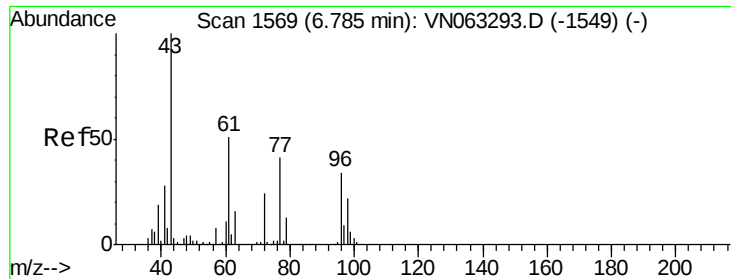
sam
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#24
 1,1-Dichloroethane
 Concen: 50.434 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion: 63 Resp: 540874
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.3
 100 4.2 2.0 6.0





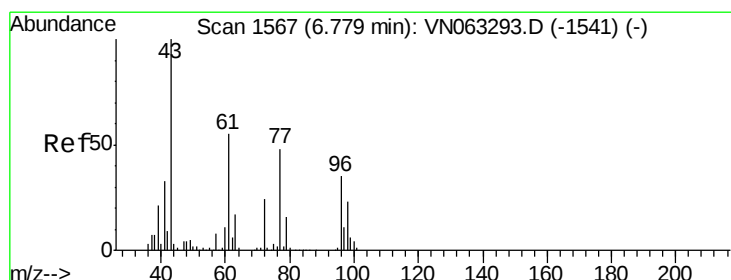
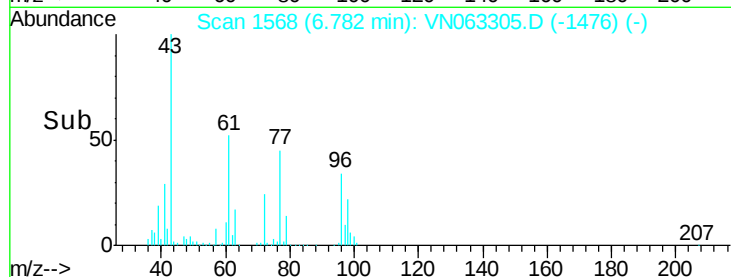
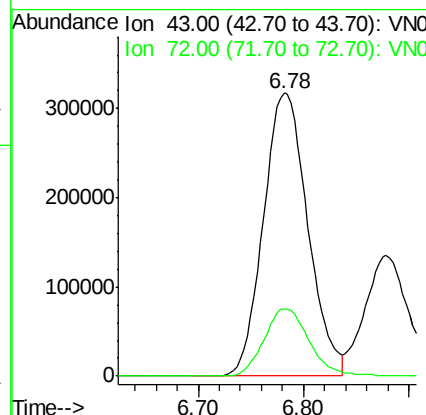
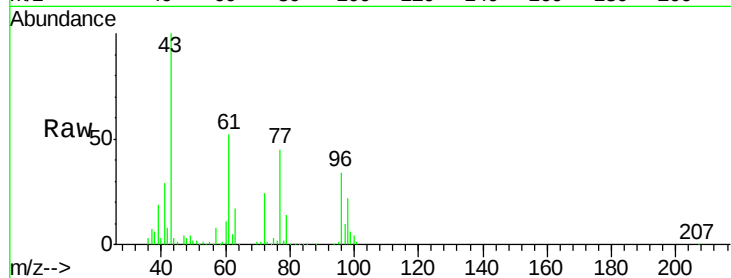
#25
2-Butanone
Concen: 257.961 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 924768
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2

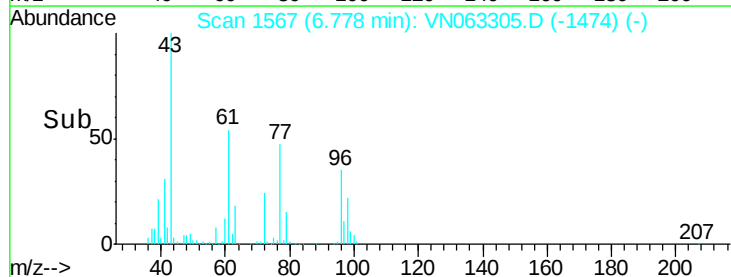
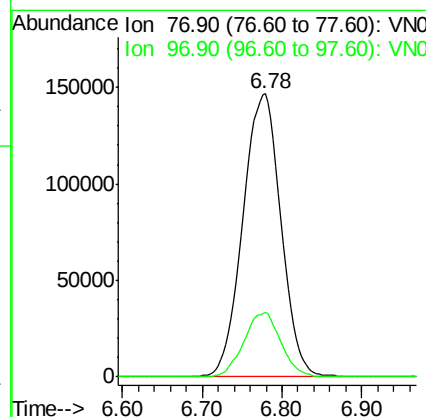
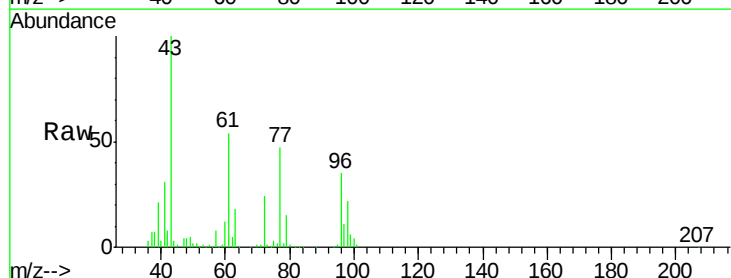
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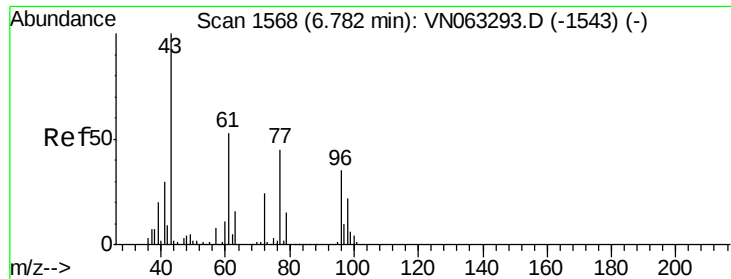
sam
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#26
2,2-Dichloropropane
Concen: 50.498 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 77 Resp: 474670
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 49.699 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

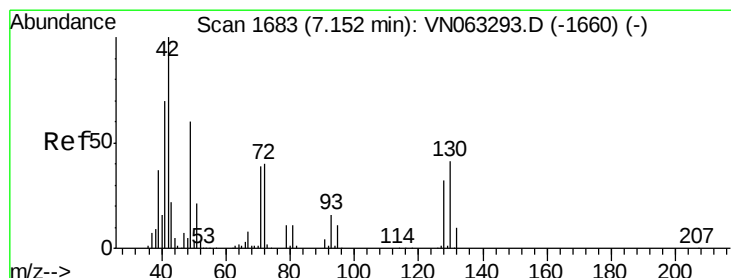
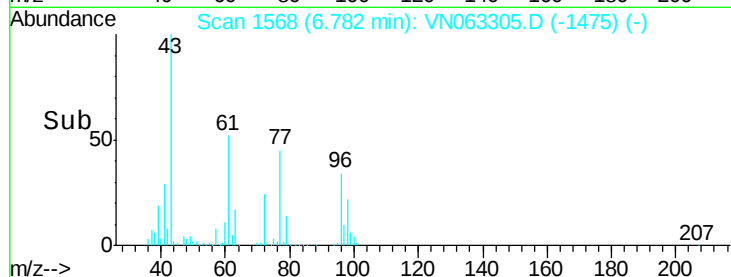
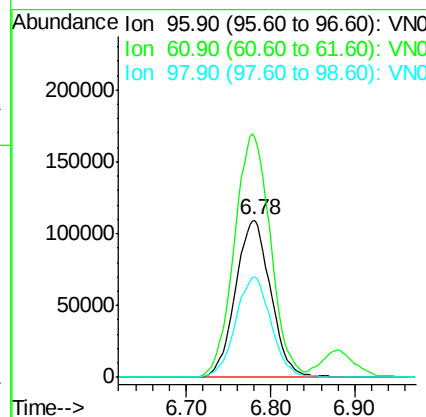
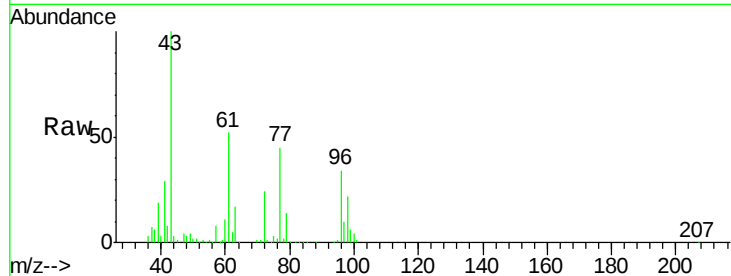
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	317737
Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	322.8
98	64.1	0.0	132.2

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#28

Bromochloromethane

Concen: 47.895 ug/l

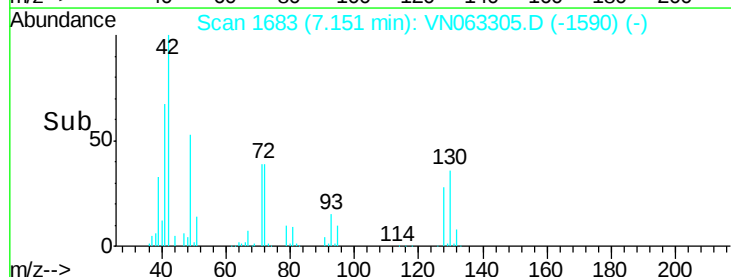
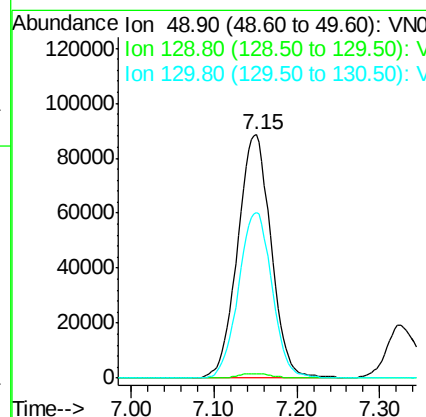
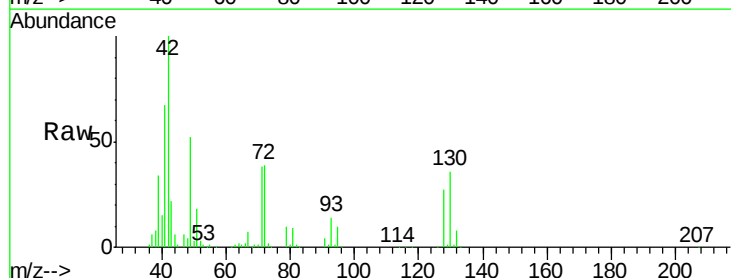
RT: 7.15 min Scan# 1683

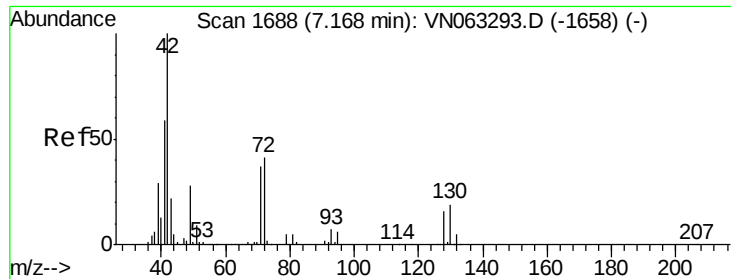
Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion:	49	Resp:	249072
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	67.9	53.1	79.7





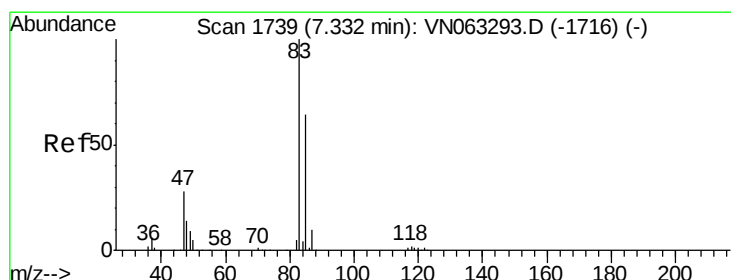
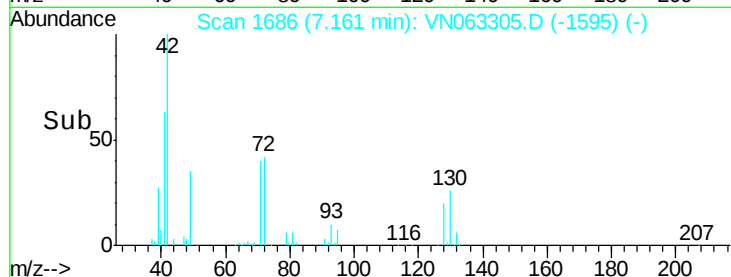
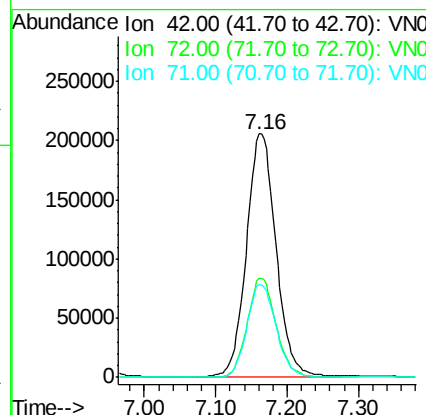
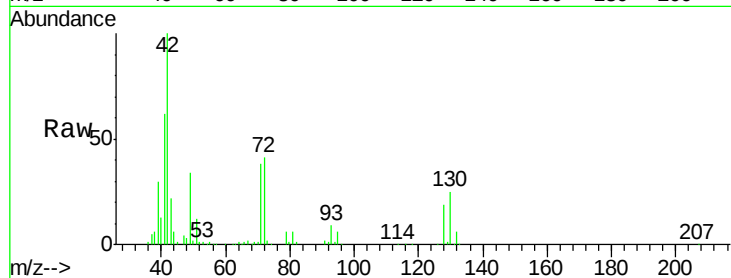
#29
Tetrahydrofuran
Concen: 253.768 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.4	47.2
71	37.6	30.0	45.0

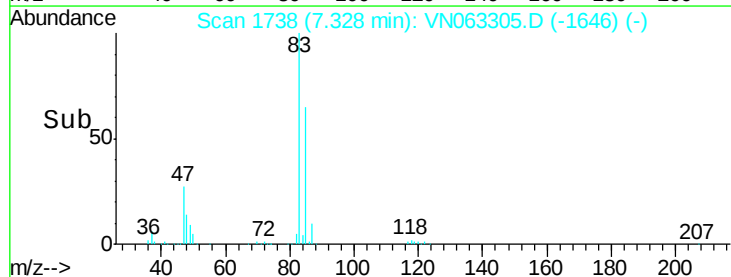
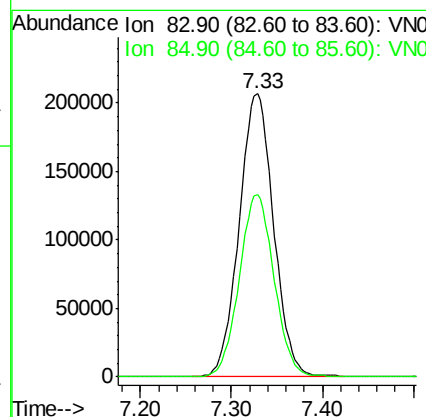
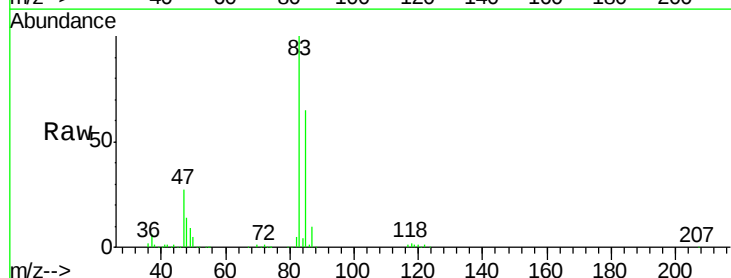
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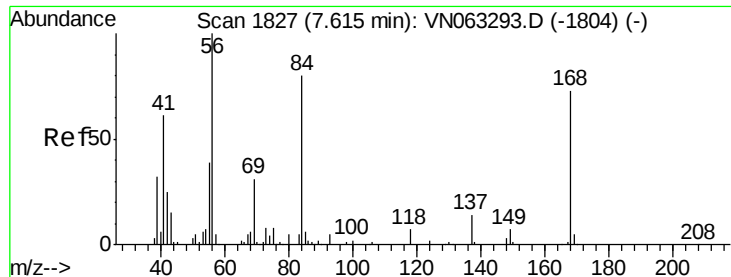
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#30
Chloroform
Concen: 50.684 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.2	76.8





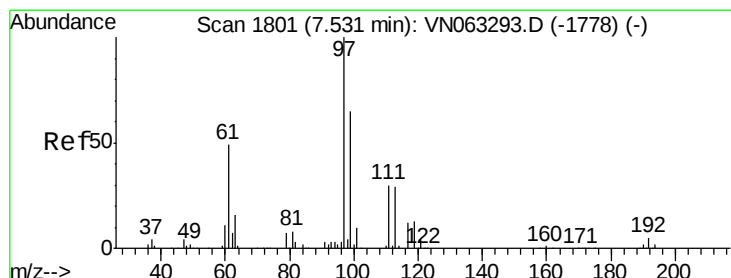
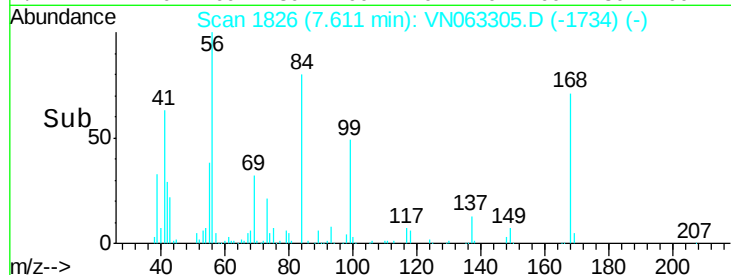
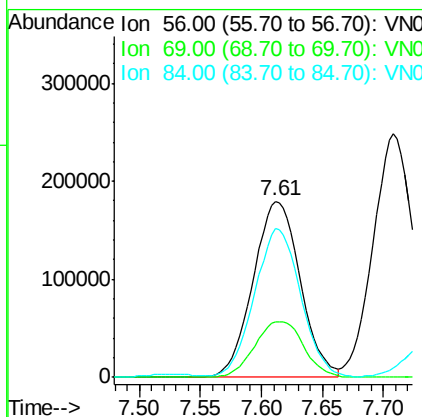
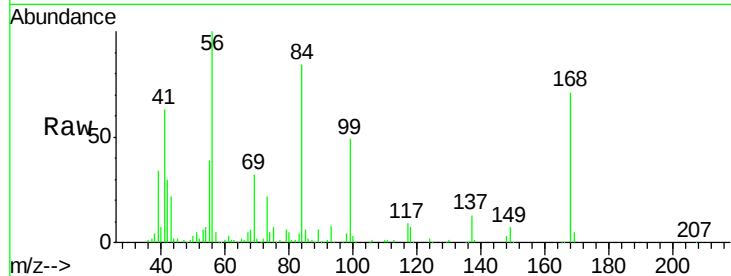
#31
Cyclohexane
Concen: 49.000 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.1	37.7
84	82.8	64.2	96.2

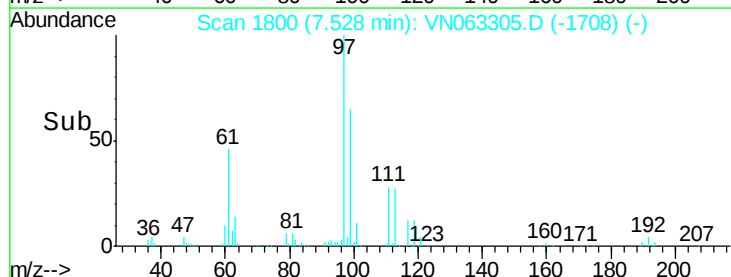
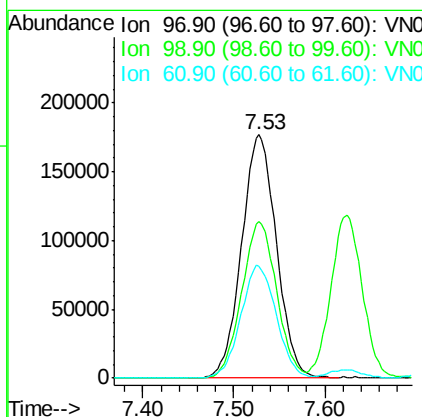
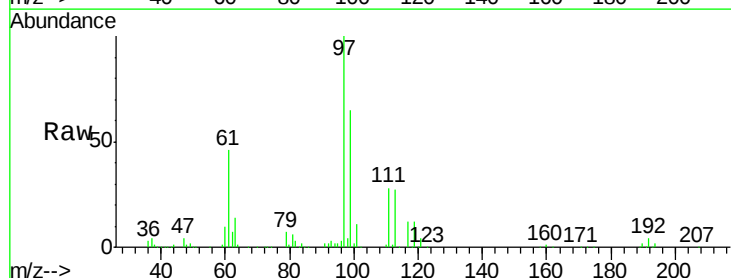
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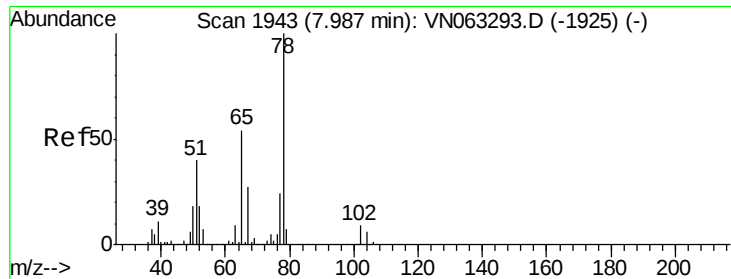
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#32
1,1,1-Trichloroethane
Concen: 50.287 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	47.2	38.9	58.3





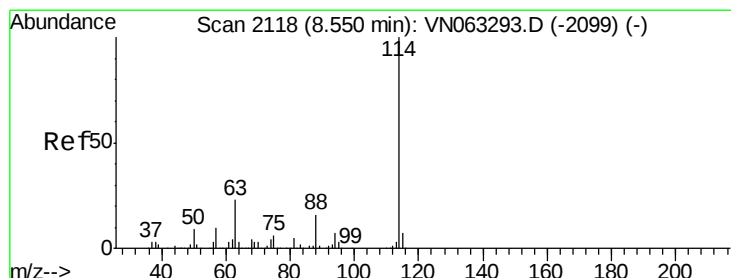
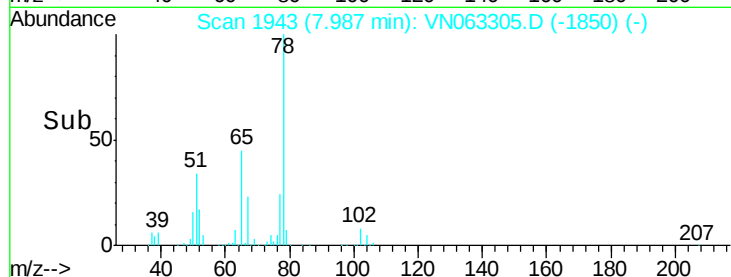
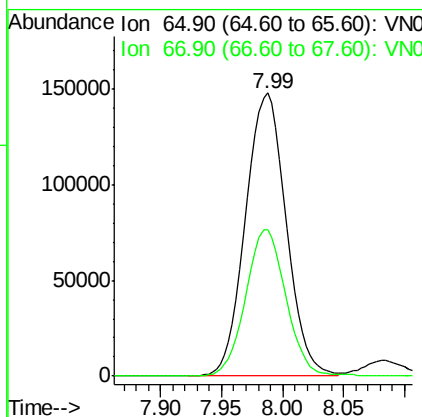
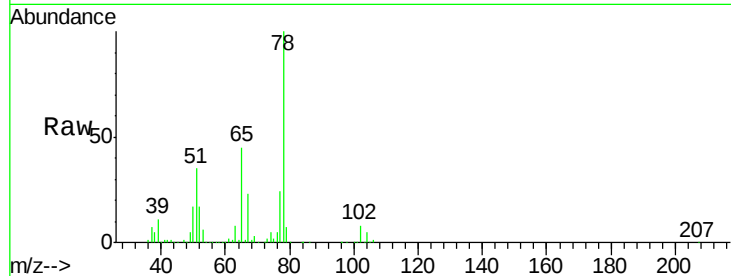
#33
 1,2-Dichloroethane-d4
 Concen: 48.660 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	341994		
67	51.0	0.0	104.6	

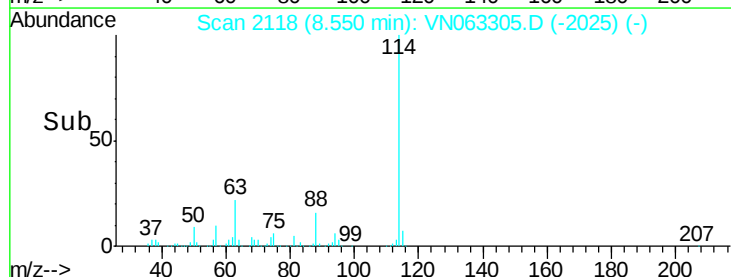
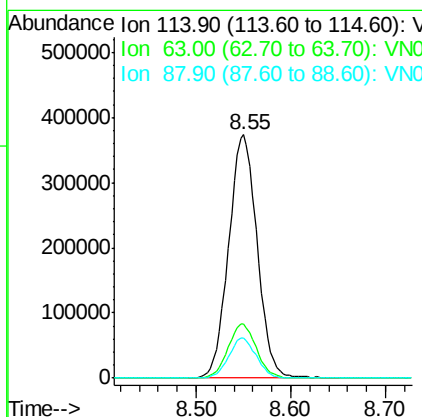
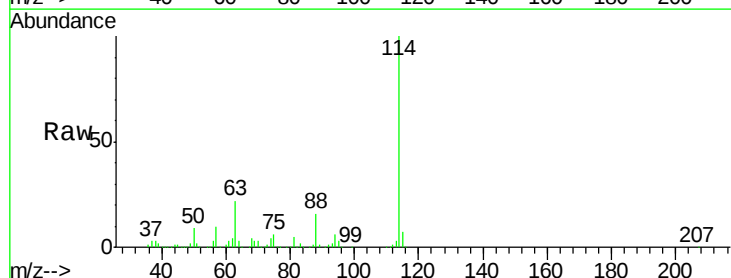
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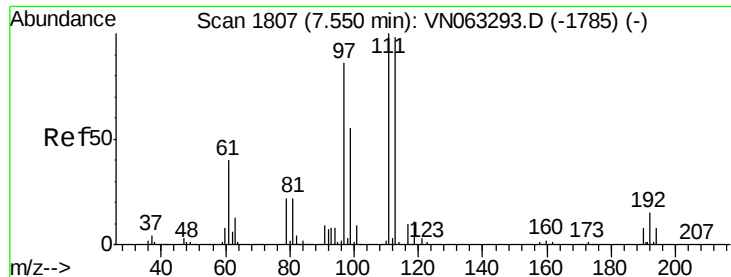
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	780752		
63	22.0	0.0	46.0	
88	16.4	0.0	32.8	





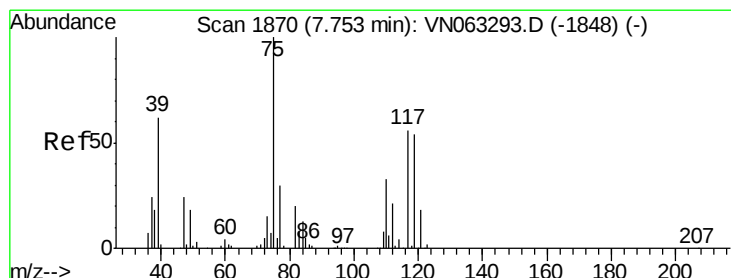
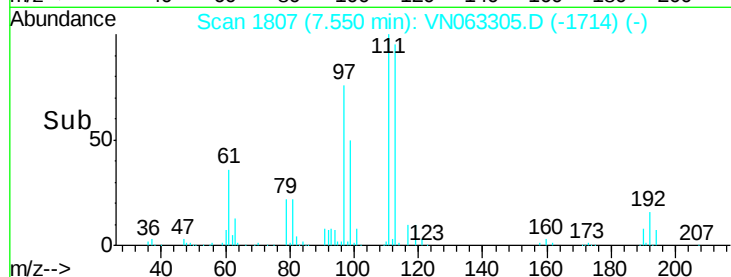
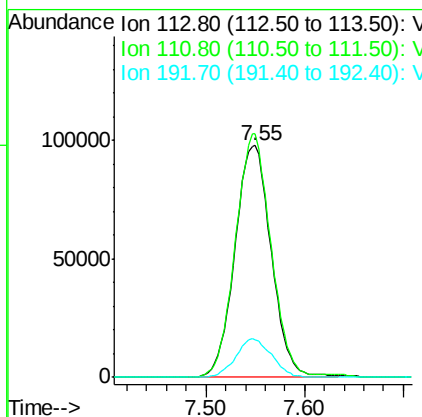
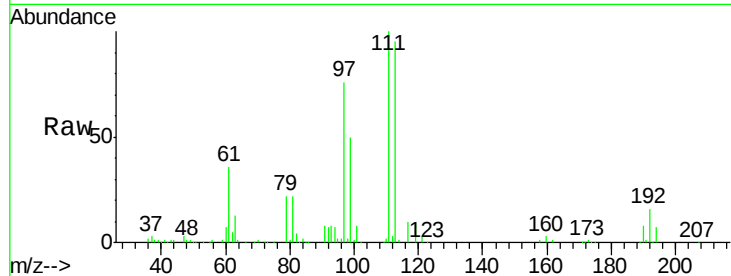
#35
 Dibromofluoromethane
 Concen: 49.608 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	249870		
111	102.5	82.2	123.2	
192	16.5	12.9	19.3	

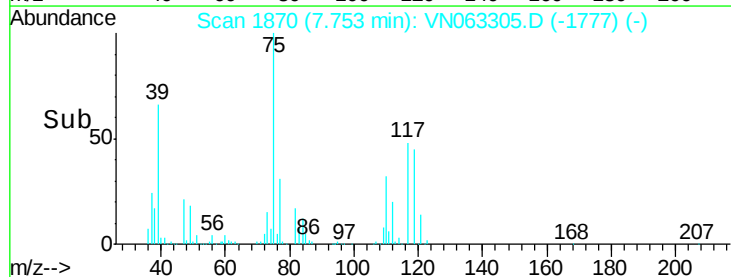
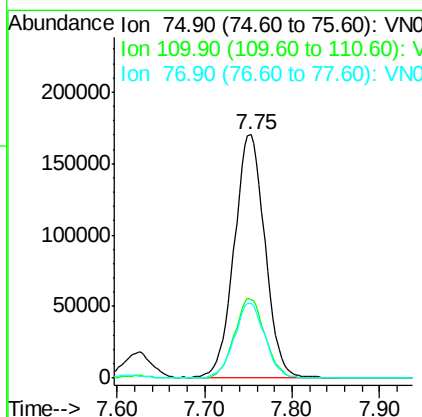
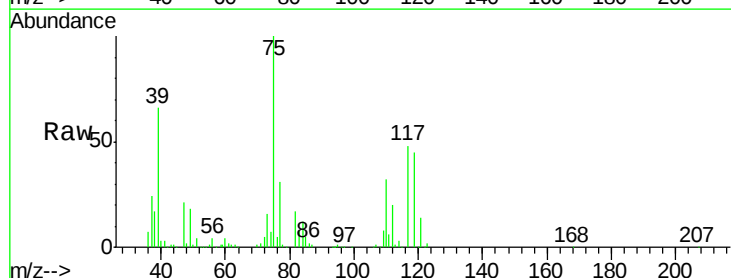
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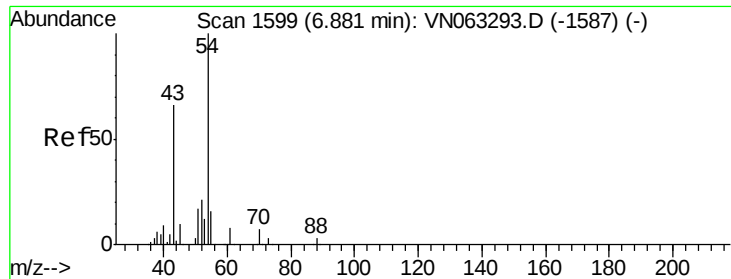
sam
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#36
 1,1-Dichloropropene
 Concen: 51.528 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	413523		
110	32.7	16.4	49.4	
77	31.1	24.8	37.2	





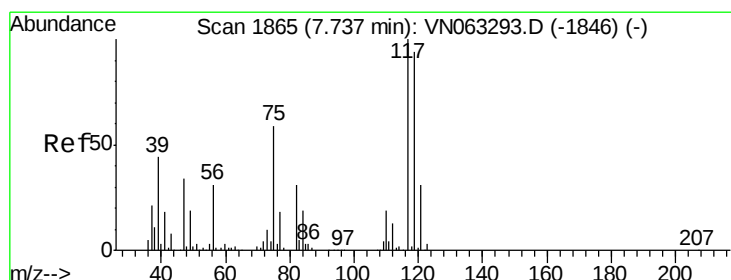
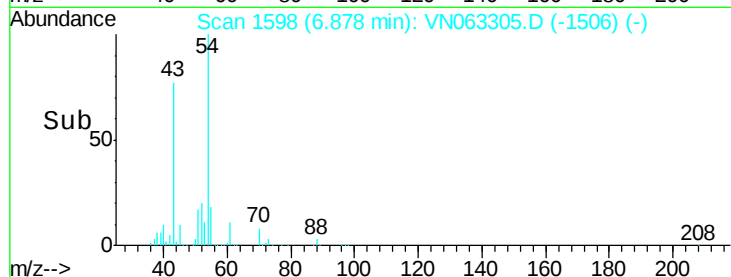
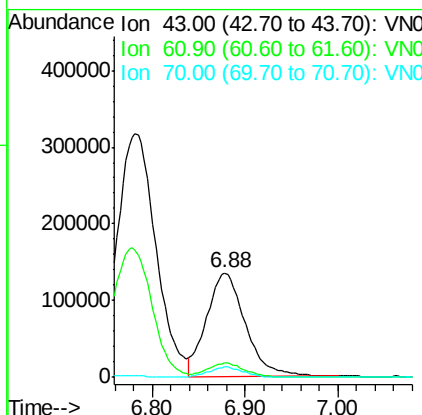
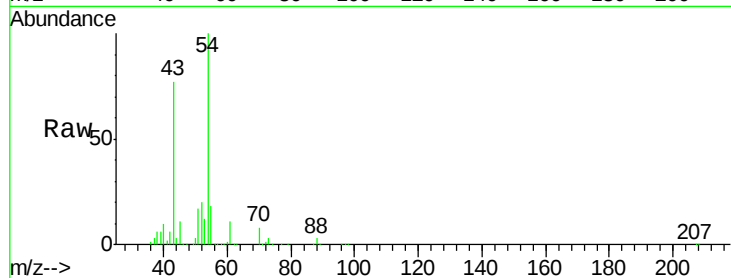
#37
Ethyl Acetate
Concen: 49.327 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.1	15.1
70	8.6	7.4	11.2

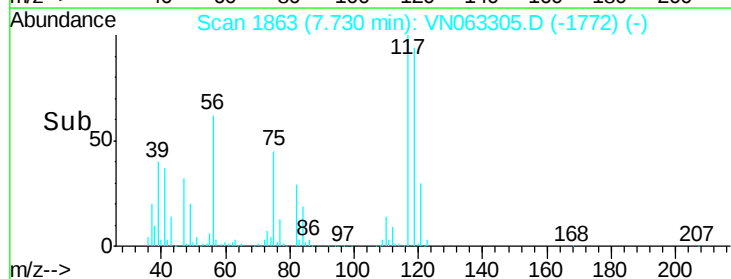
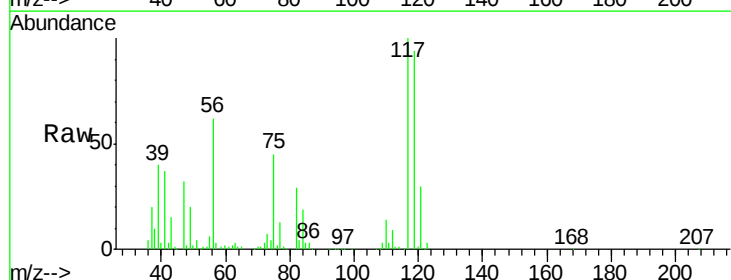
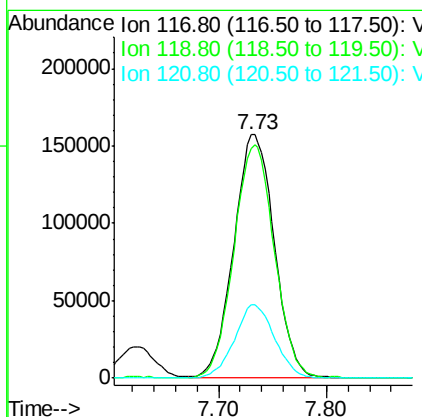
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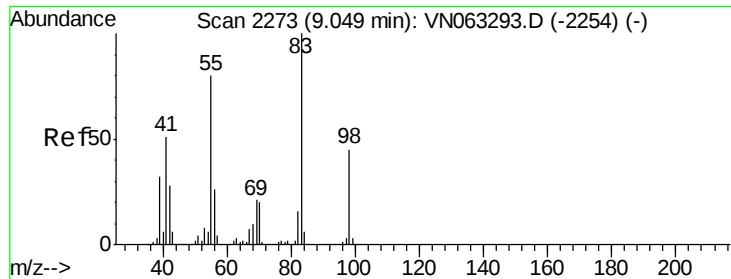
sam
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#38
Carbon Tetrachloride
Concen: 51.699 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.3	112.9
121	30.2	24.6	37.0





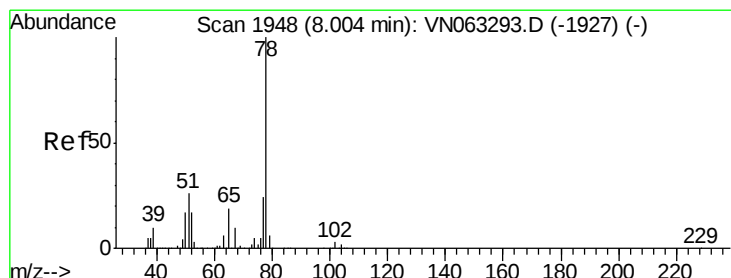
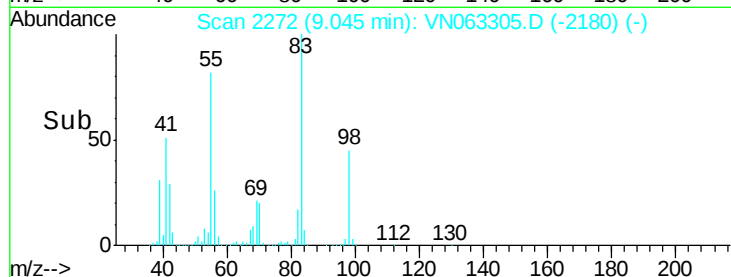
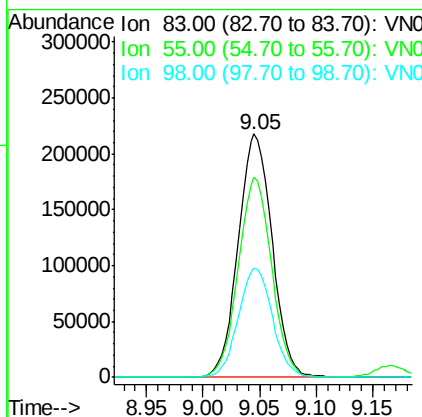
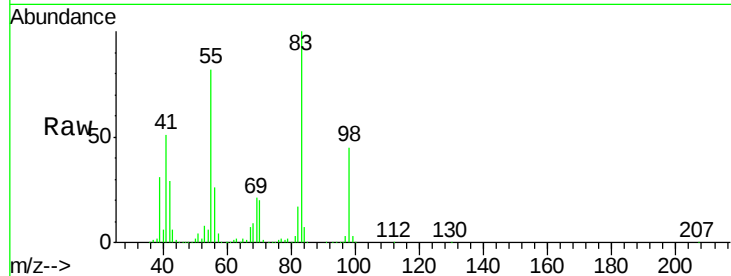
#39
Methylcyclohexane
Concen: 52.029 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.3	64.0	96.0
98	45.1	36.4	54.6

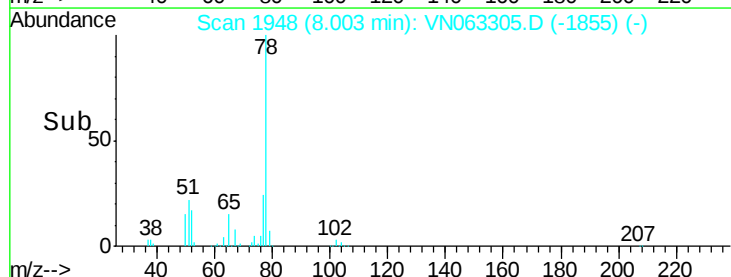
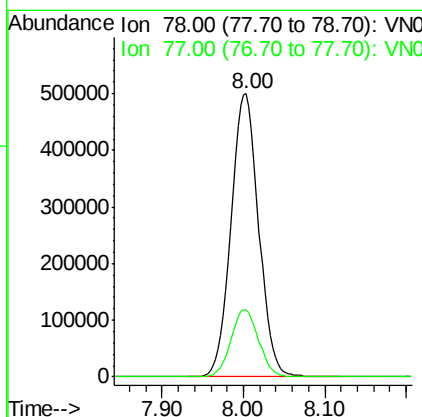
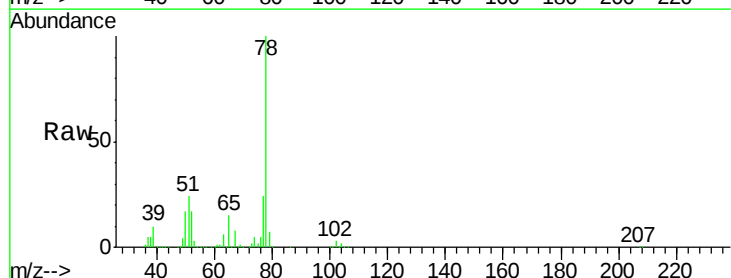
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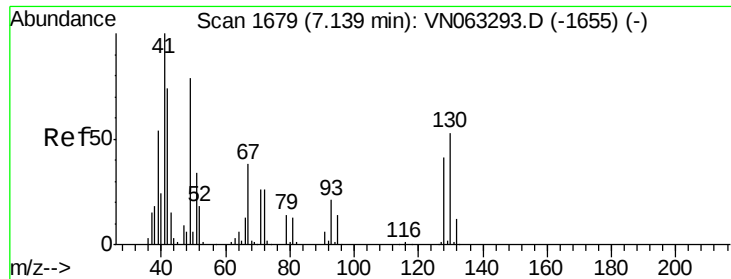
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#40
Benzene
Concen: 51.631 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





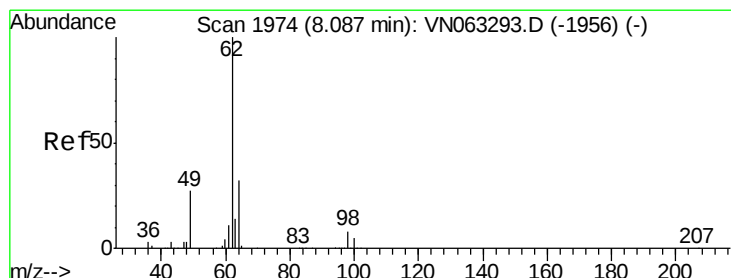
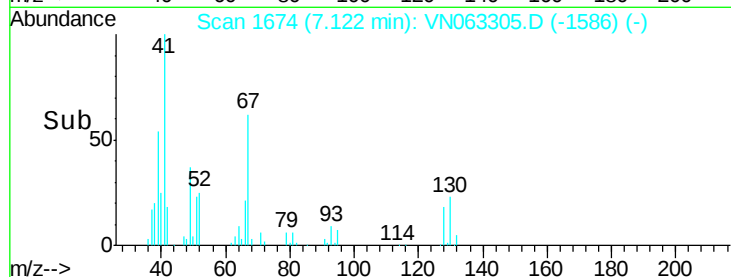
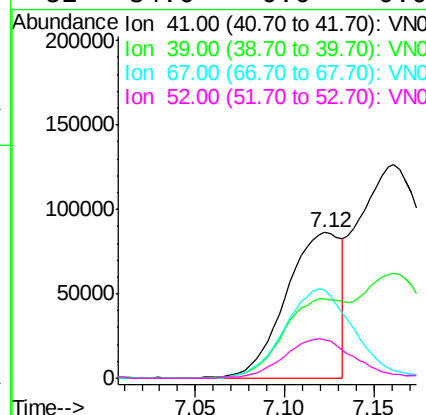
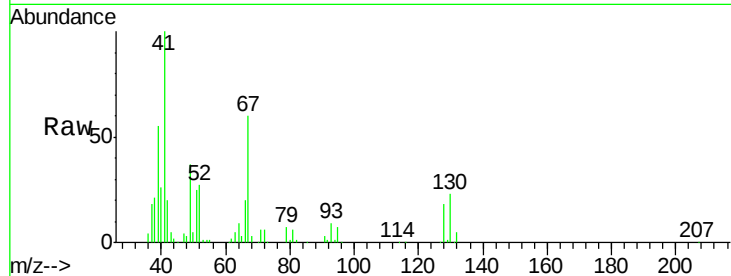
#41
Methacrylonitrile
Concen: 51.608 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	184306		
39	61.4	0.0	0.0	0.0#
67	78.8	0.0	0.0	0.0#
52	34.6	0.0	0.0	0.0#

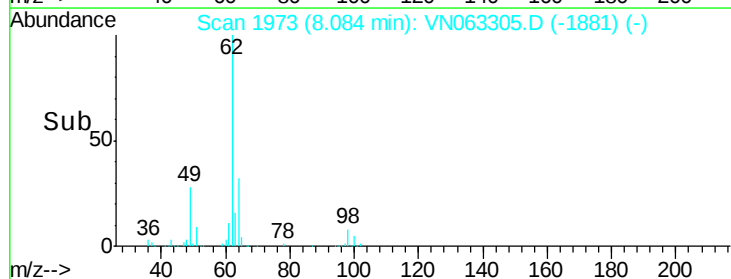
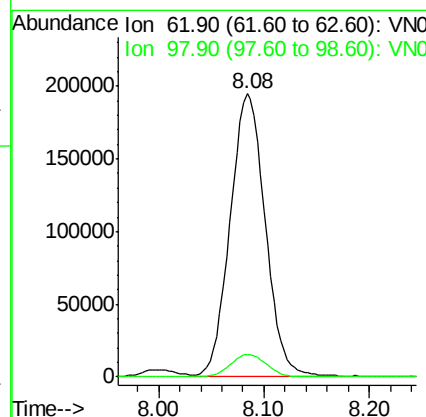
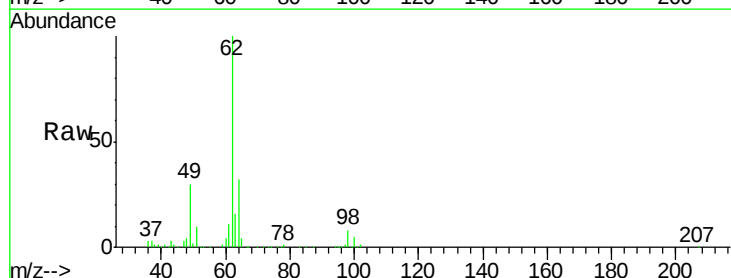
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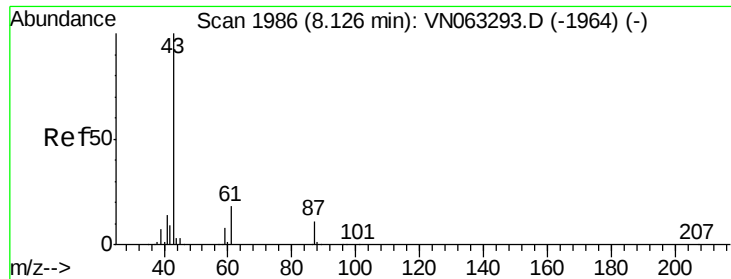
sam
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#42
1,2-Dichloroethane
Concen: 51.463 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	447557		
98	8.1	0.0	0.0	15.4





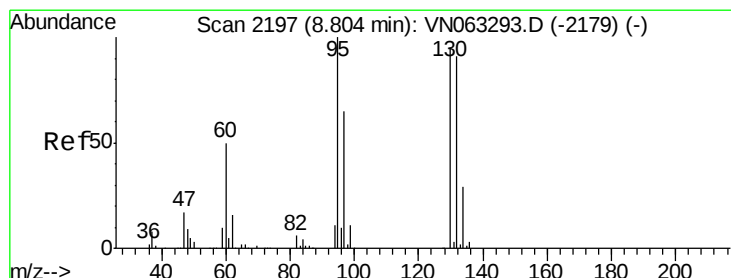
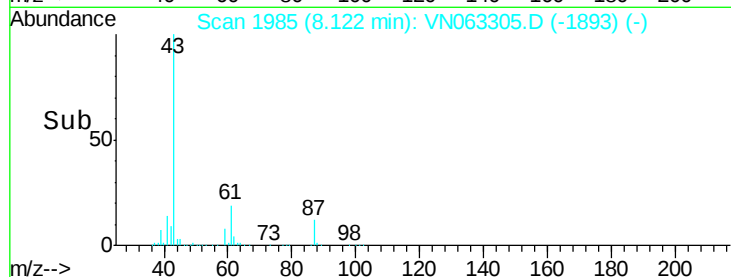
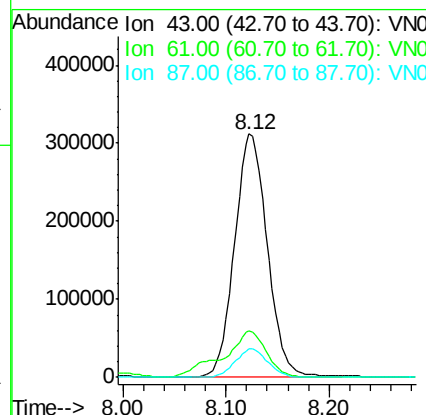
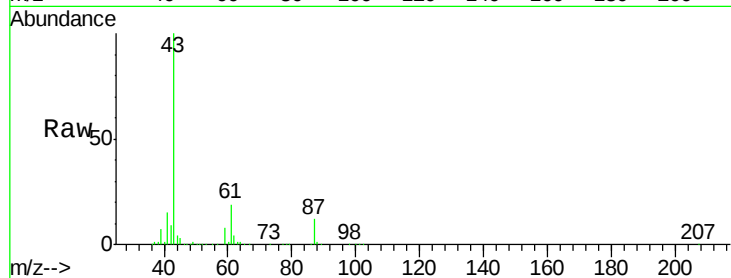
#43
Isopropyl Acetate
Concen: 51.373 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	25.2	15.1	22.7#
87	11.8	9.2	13.8

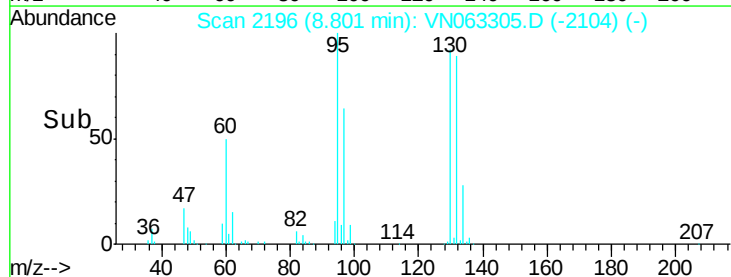
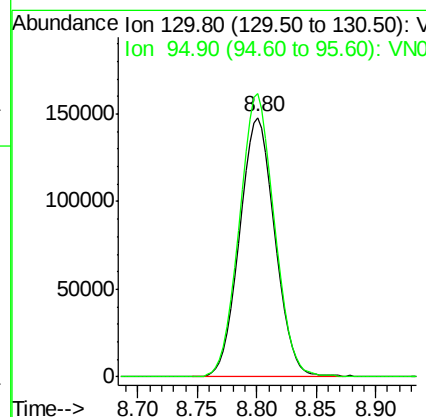
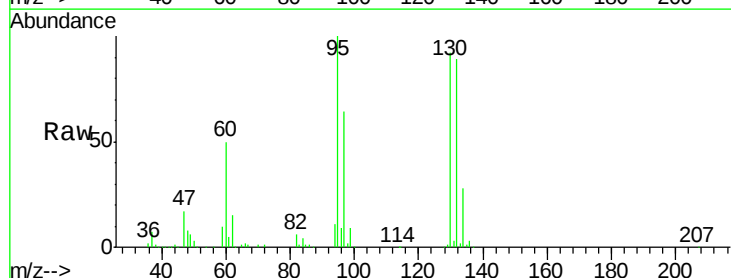
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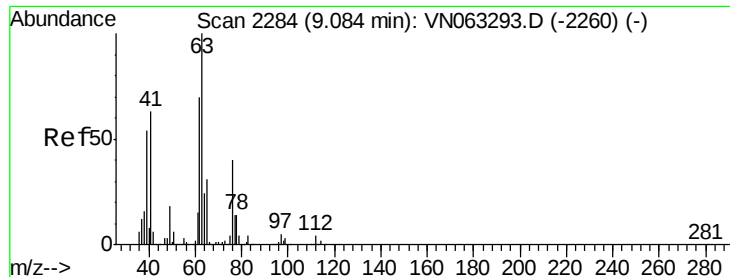
sam
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#44
Trichloroethene
Concen: 50.772 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.1	0.0	210.8





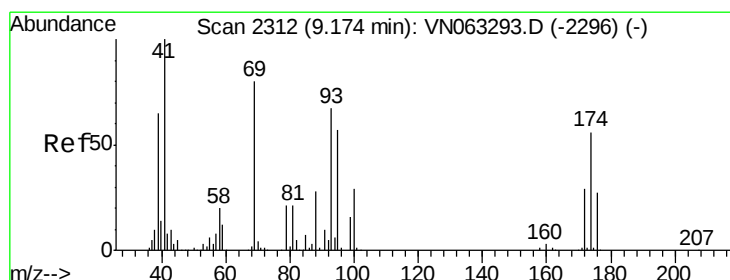
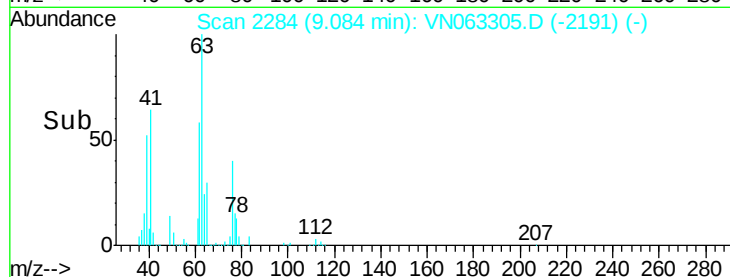
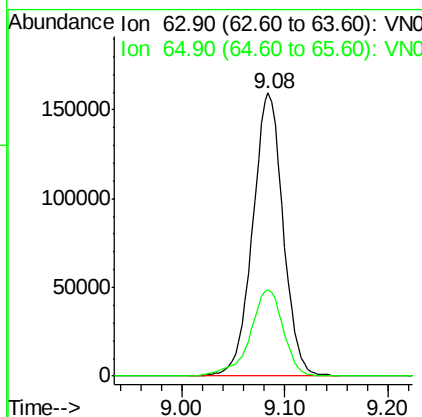
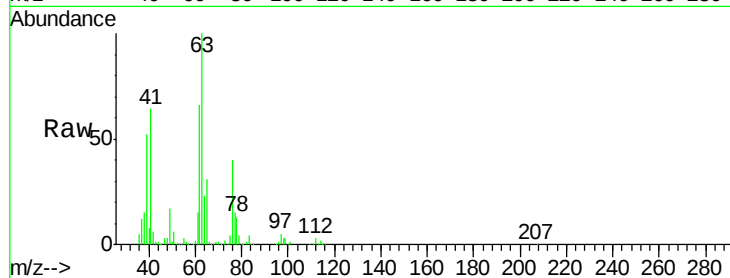
#45
 1,2-Dichloropropane
 Concen: 51.919 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 326427
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 36.8

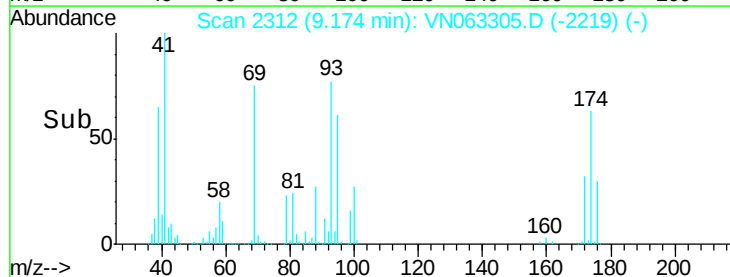
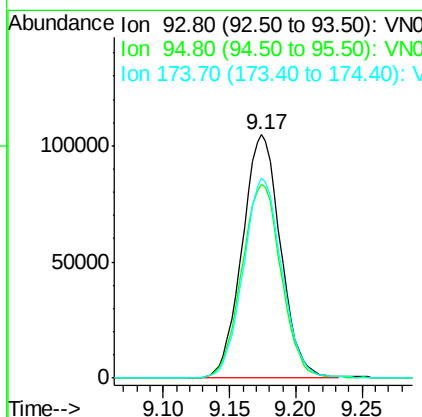
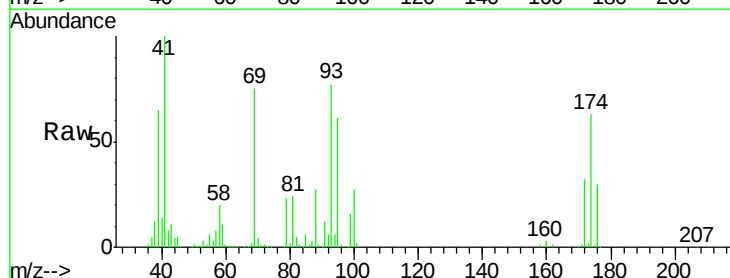
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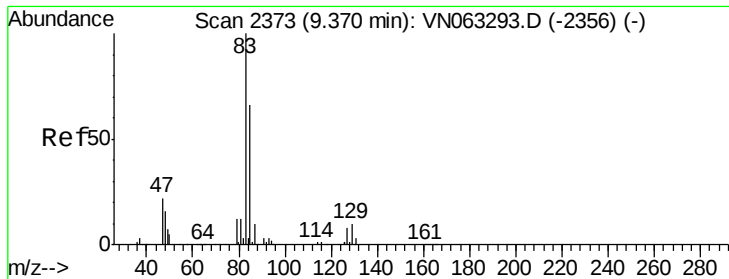
sam
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#46
 Dibromomethane
 Concen: 51.856 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion: 93 Resp: 211418
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.9 101.9
 174 82.4 66.9 100.3





#47

Bromodichloromethane

Concen: 51.893 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

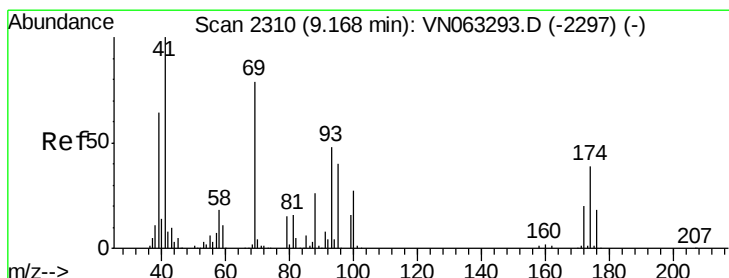
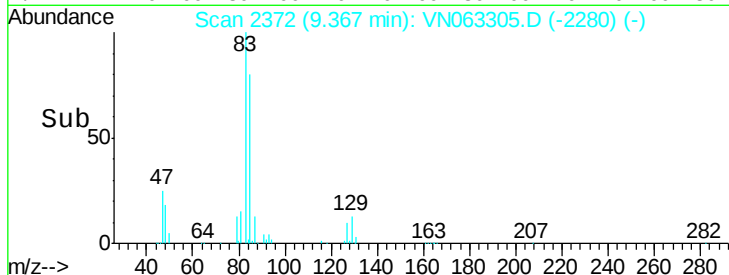
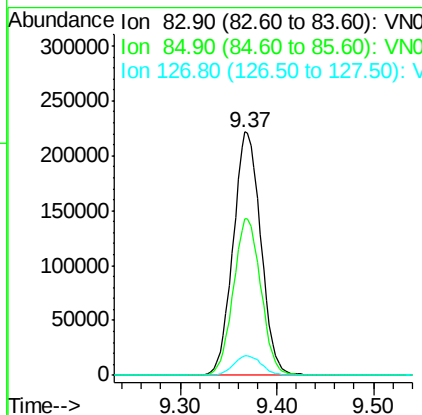
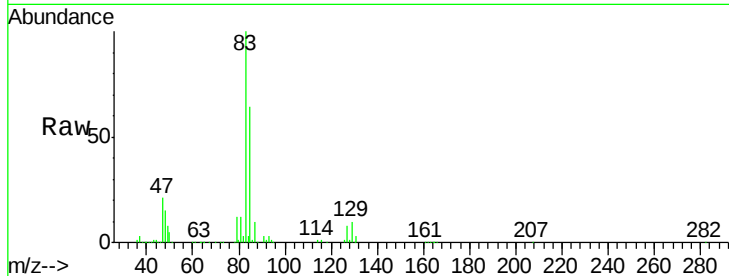
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	440904
Ion Ratio	Lower	Upper	
83	100		
85	64.2	52.5	78.7
127	8.3	6.6	10.0

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#48

Methyl methacrylate

Concen: 51.662 ug/l

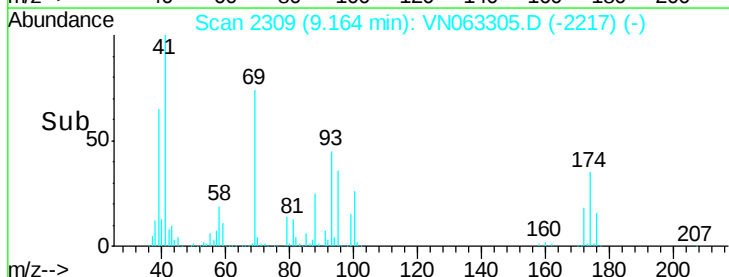
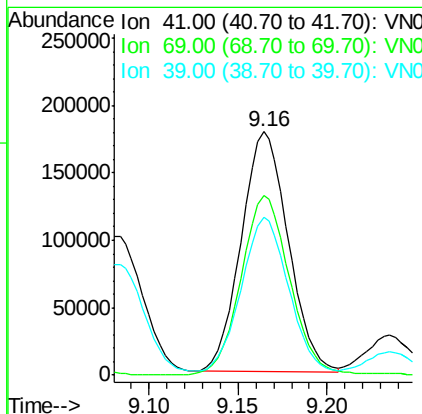
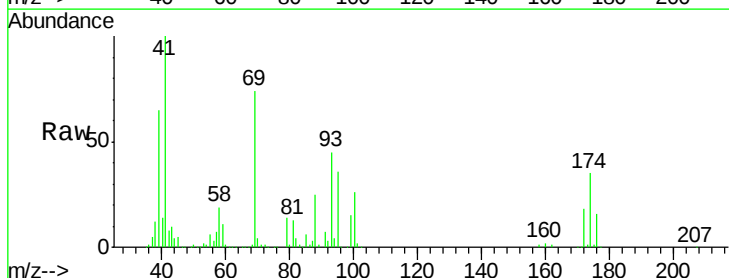
RT: 9.16 min Scan# 2309

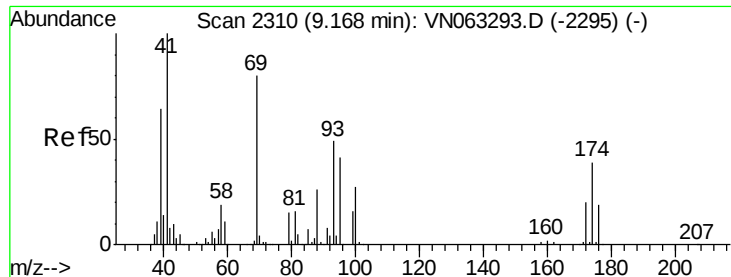
Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion:	41	Resp:	329597
Ion Ratio	Lower	Upper	
41	100		
69	77.9	63.6	95.4
39	66.7	53.2	79.8





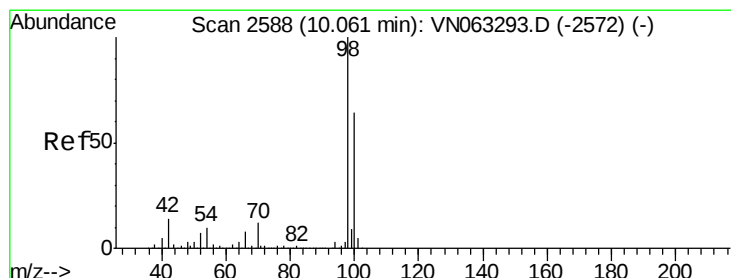
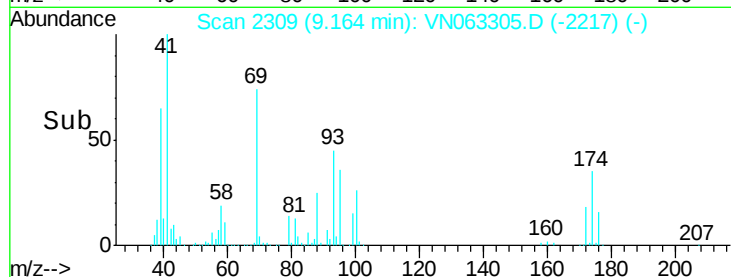
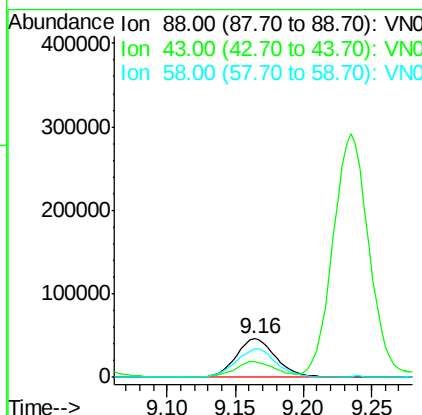
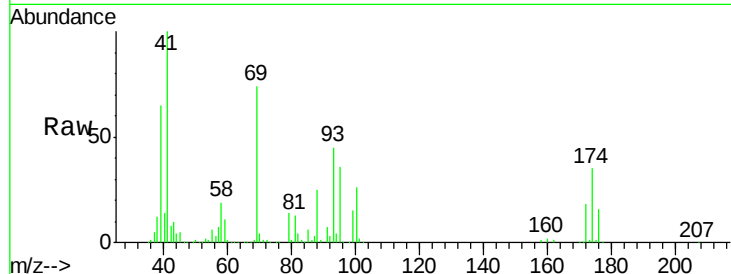
#49
1,4-Dioxane
Concen: 952.101 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.7	30.5	45.7
58	74.3	58.9	88.3

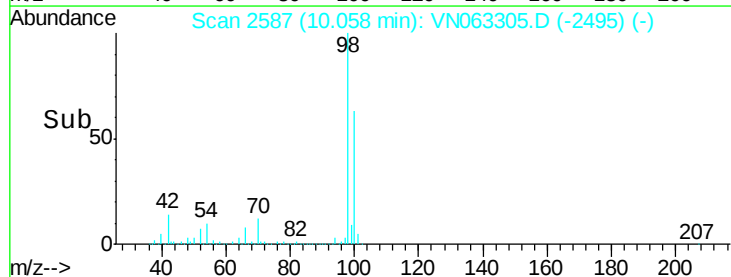
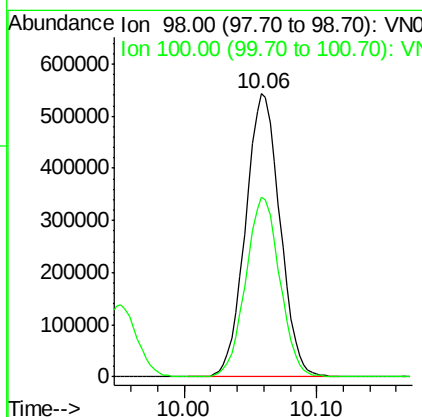
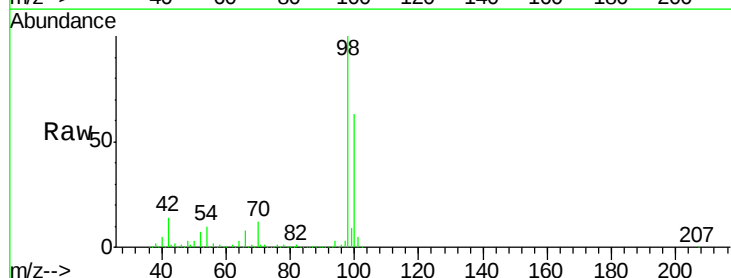
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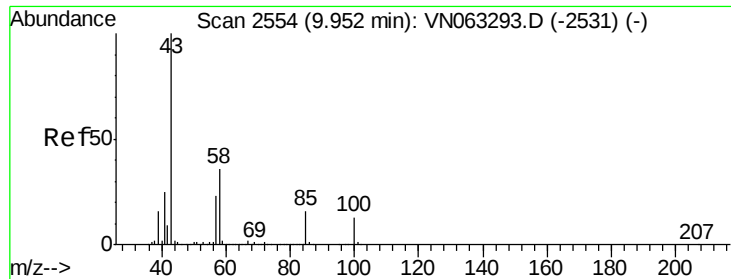
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#50
Toluene-d8
Concen: 50.832 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.7	76.1





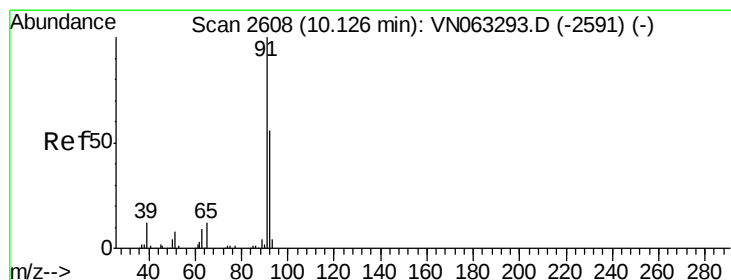
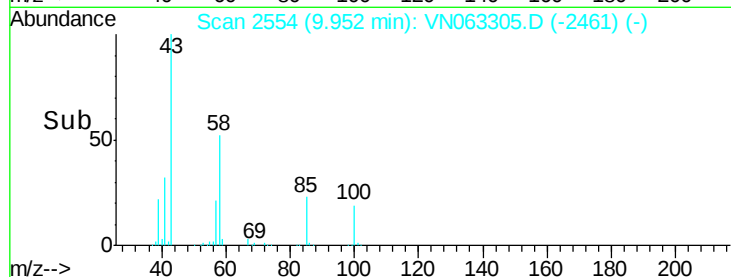
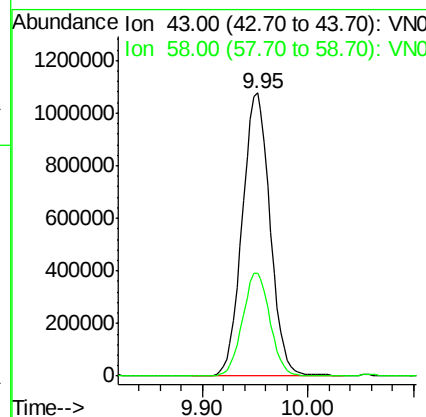
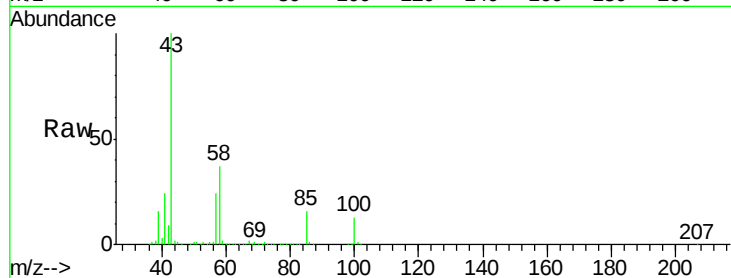
#51
4-Methyl-2-Pentanone
Concen: 266.445 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1963322
Ion Ratio Lower Upper
43 100
58 36.1 29.0 43.4

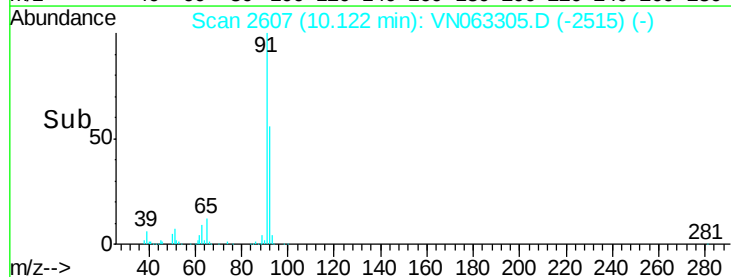
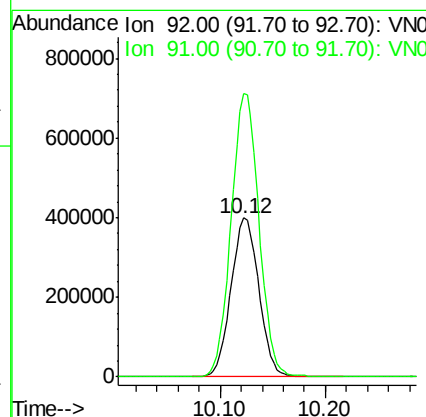
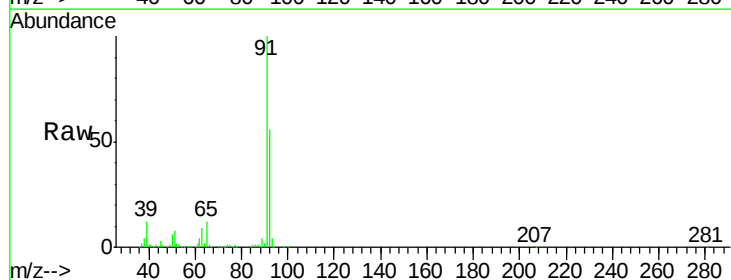
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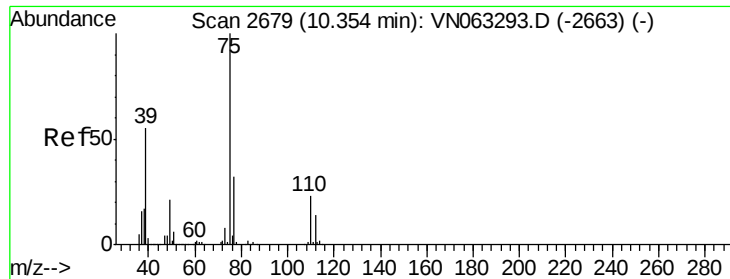
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#52
Toluene
Concen: 52.282 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 92 Resp: 731677
Ion Ratio Lower Upper
92 100
91 177.6 141.2 211.8





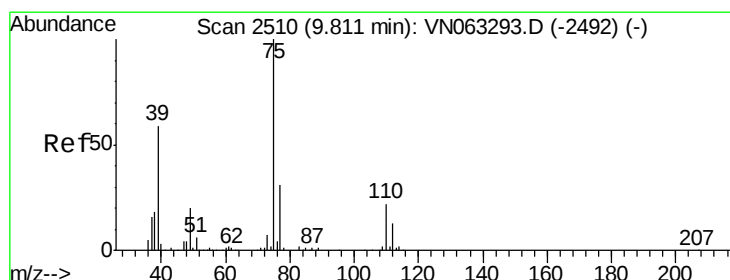
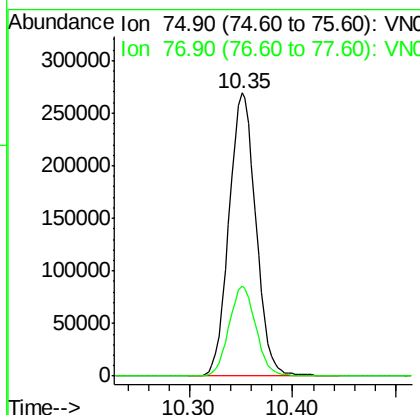
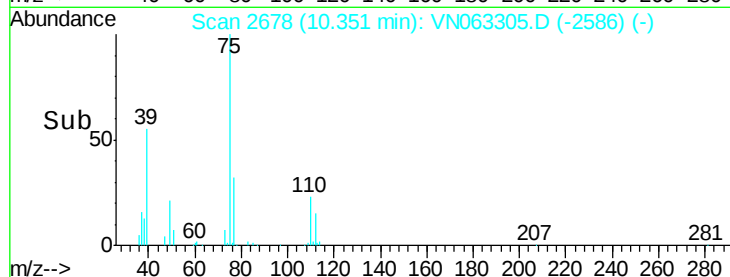
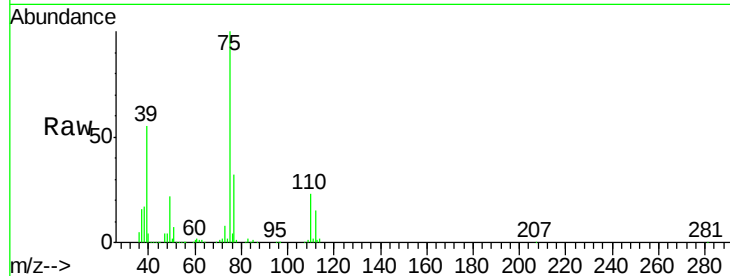
#53
t-1,3-Dichloropropene
Concen: 52.840 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 489571
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

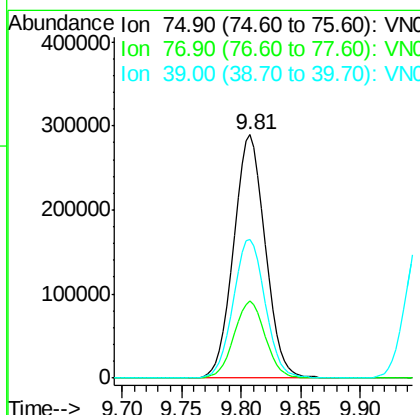
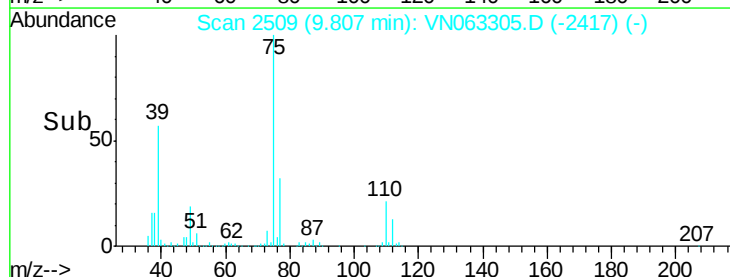
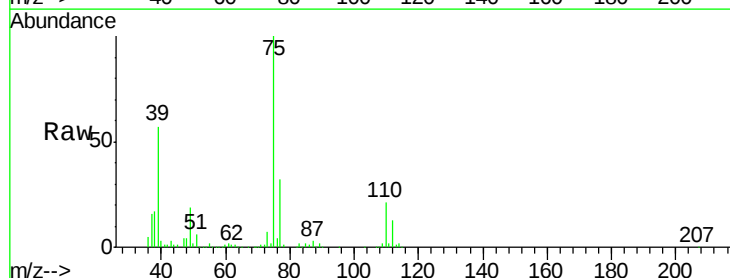
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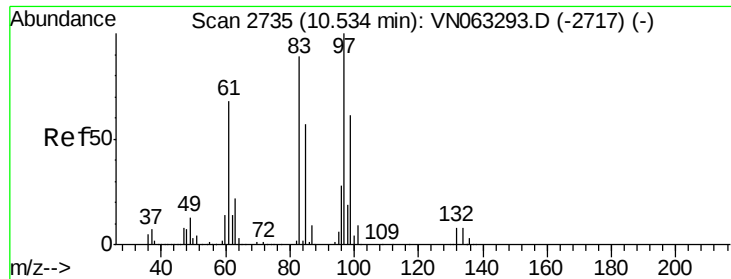
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#54
cis-1,3-Dichloropropene
Concen: 53.443 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 75 Resp: 533132
Ion Ratio Lower Upper
75 100
77 31.5 24.7 37.1
39 57.1 47.2 70.8





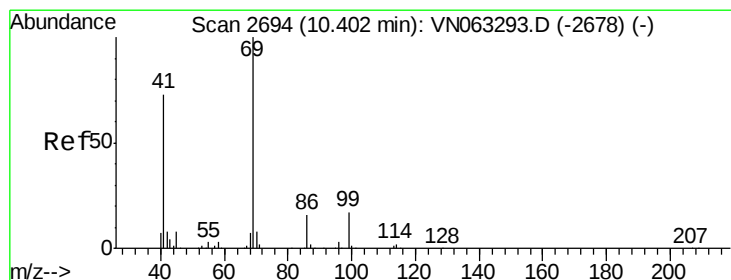
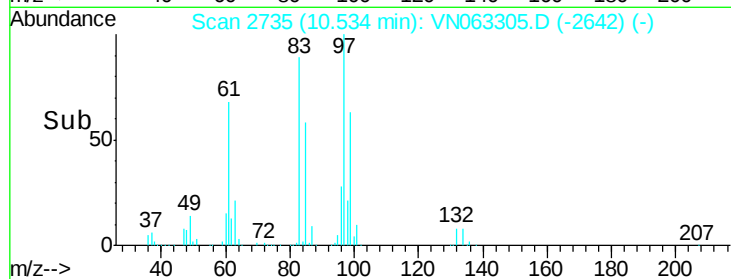
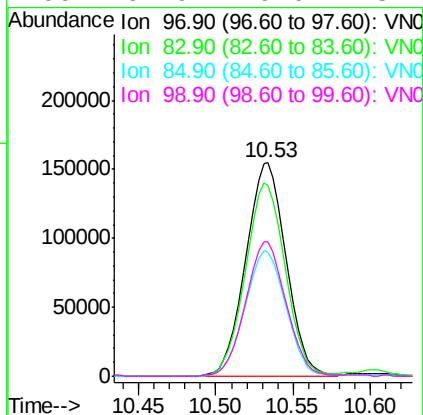
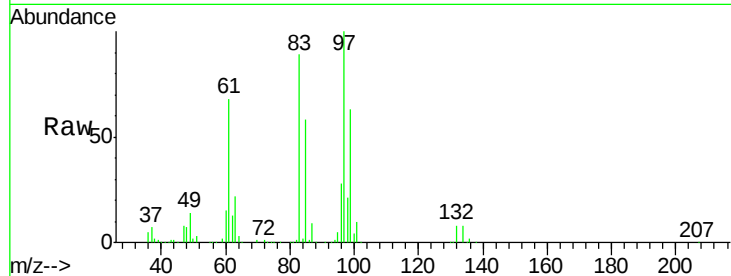
#55
 1,1,2-Trichloroethane
 Concen: 51.240 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	280994
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.8	106.2
85	58.4	45.6	68.4
99	62.9	49.0	73.4

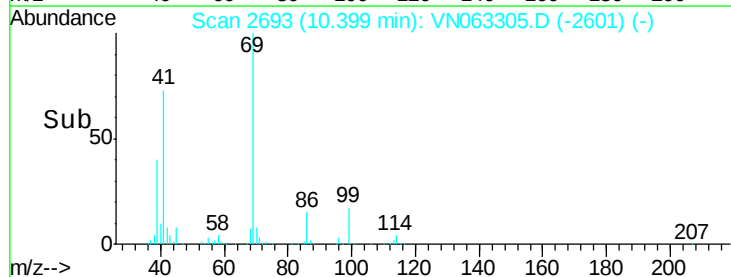
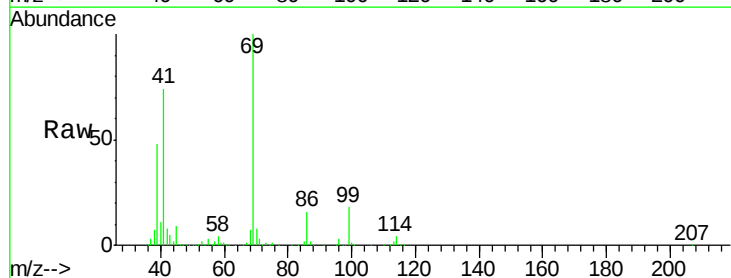
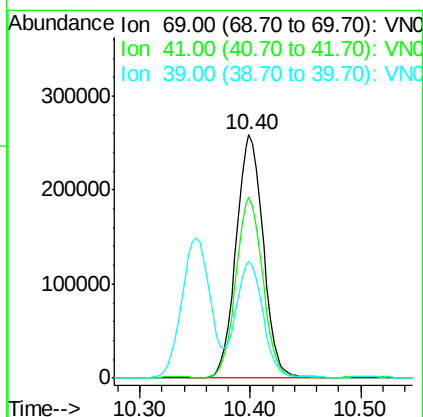
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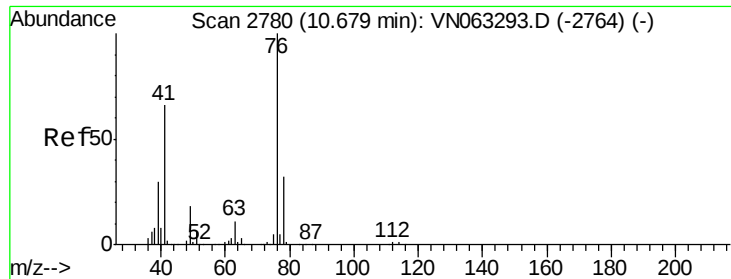
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#56
 Ethyl methacrylate
 Concen: 52.939 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion:	69	Resp:	441472
Ion	Ratio	Lower	Upper
69	100		
41	73.0	58.4	87.6
39	47.3	38.6	58.0





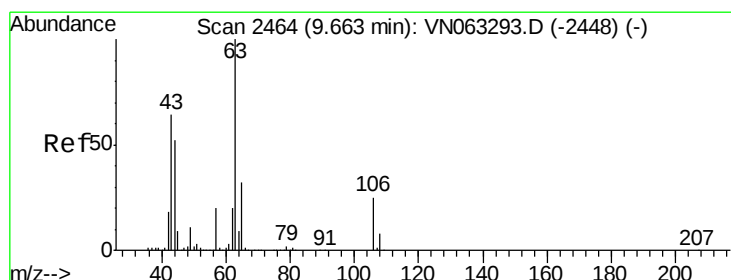
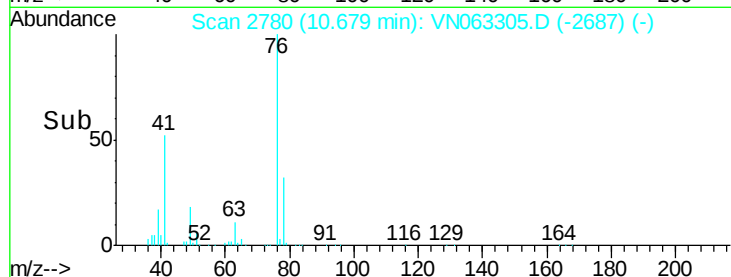
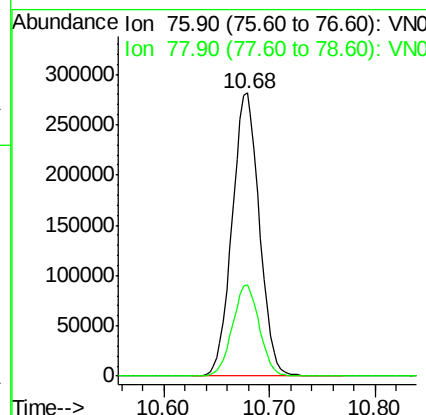
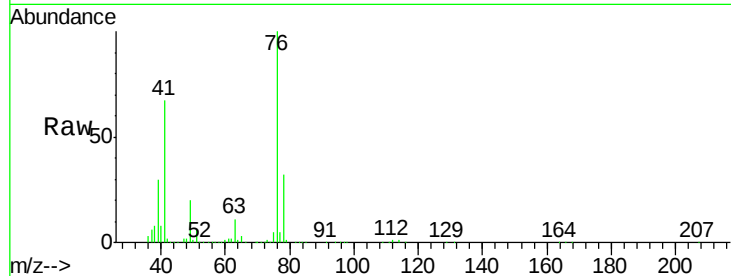
#57
 1,3-Dichloropropane
 Concen: 52.390 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 502038
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5

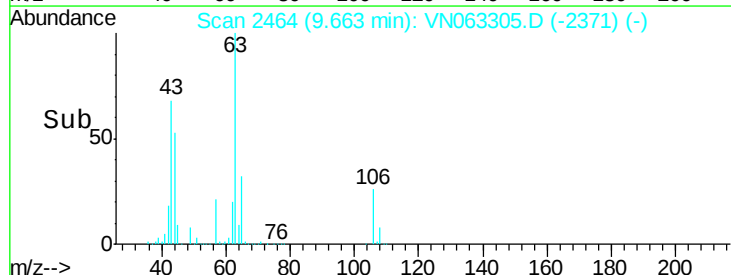
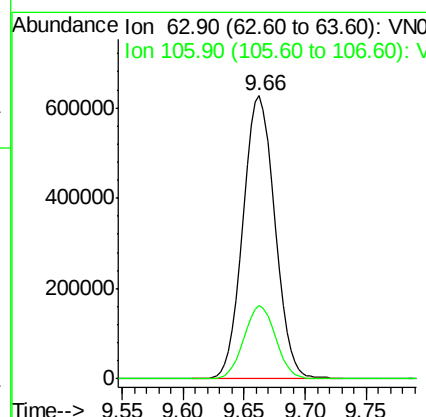
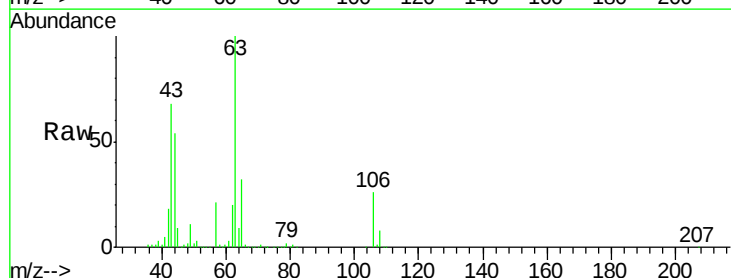
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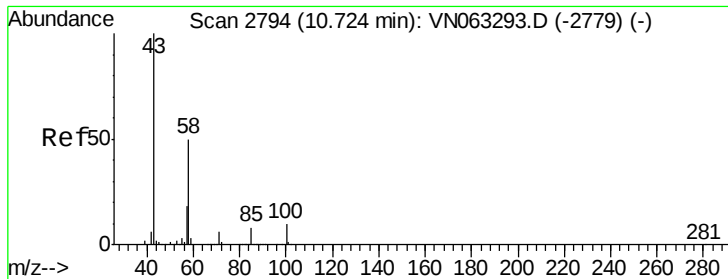
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#58
 2-Chloroethyl Vinyl ether
 Concen: 253.167 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion: 63 Resp: 1132452
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.2 30.4





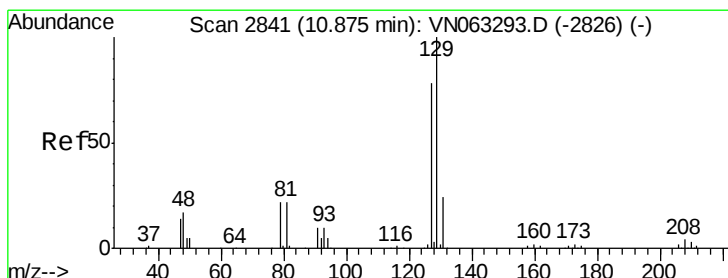
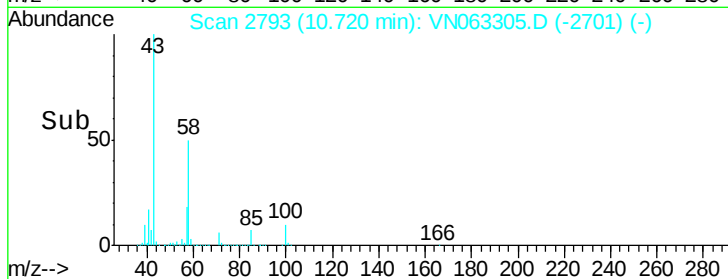
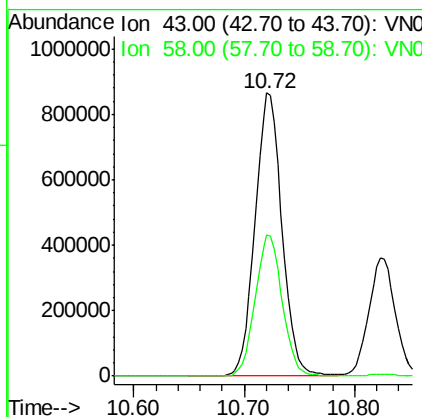
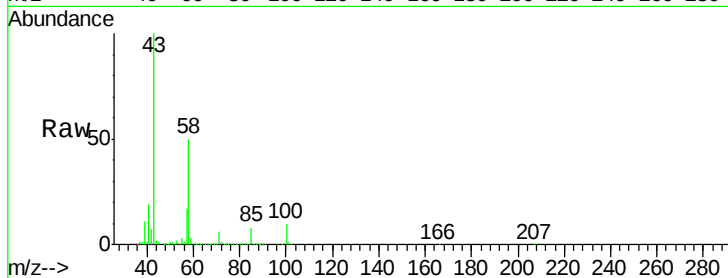
#59
2-Hexanone
Concen: 268.199 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1457495
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3

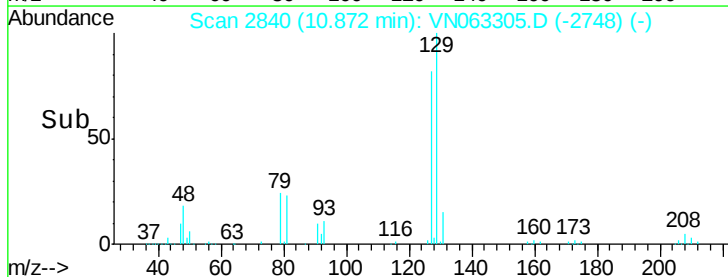
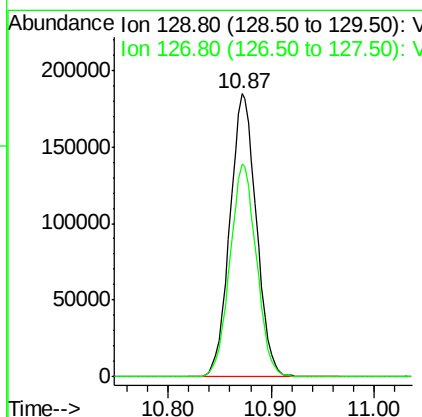
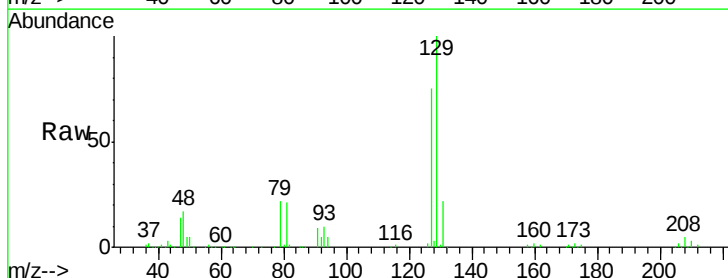
Manual Integrations
APPROVED

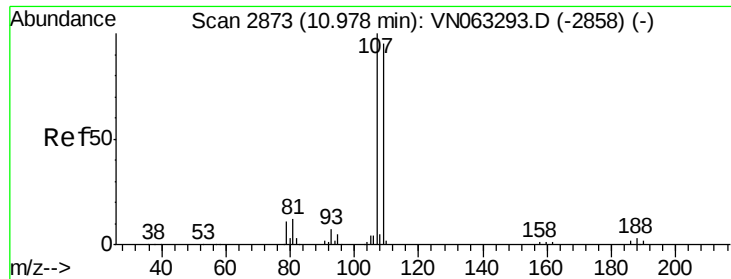
sam
9/21/2020 7:25:51 PM



#60
Dibromochloromethane
Concen: 54.718 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 129 Resp: 329506
Ion Ratio Lower Upper
129 100
127 75.4 39.0 117.0





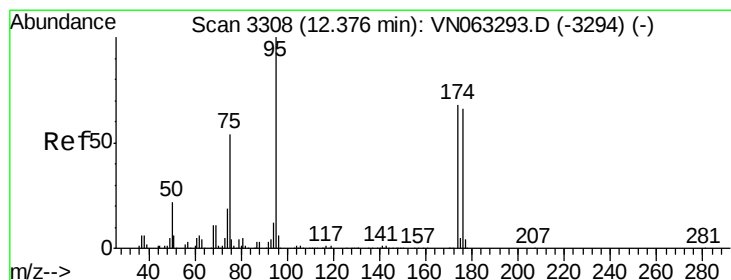
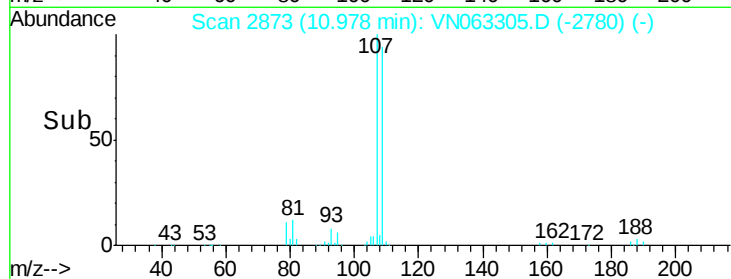
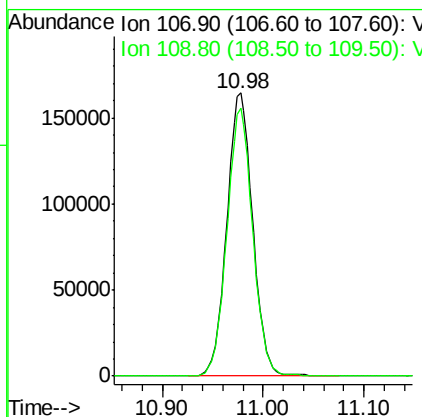
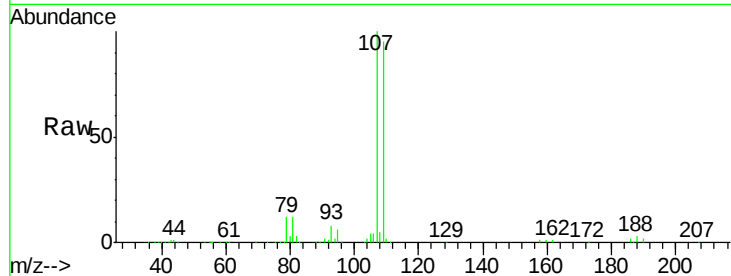
#61
 1,2-Dibromoethane
 Concen: 51.455 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	294168		
109	94.2	75.5	113.3	

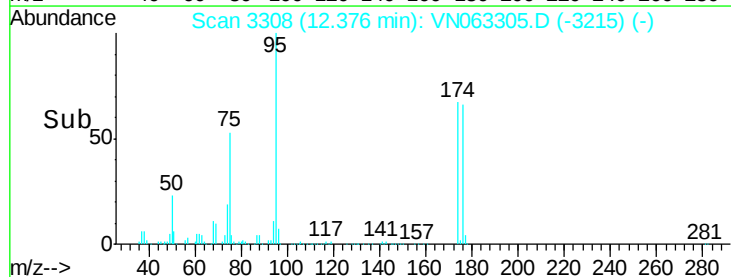
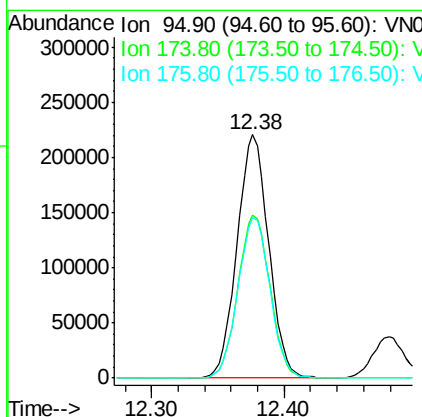
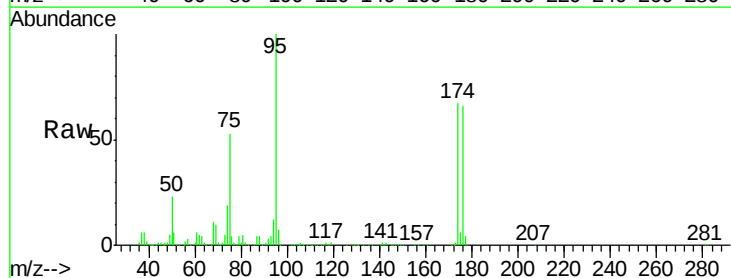
Manual Integrations
 APPROVED

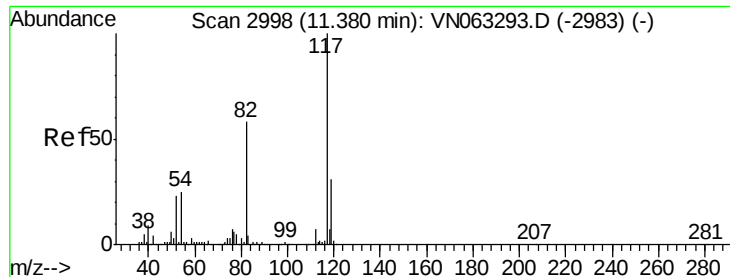
sam
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#62
 4-Bromofluorobenzene
 Concen: 51.321 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	365883		
174	68.4	0.0	136.6	
176	66.7	0.0	132.8	





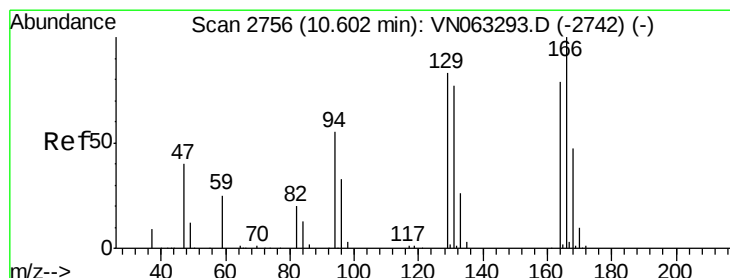
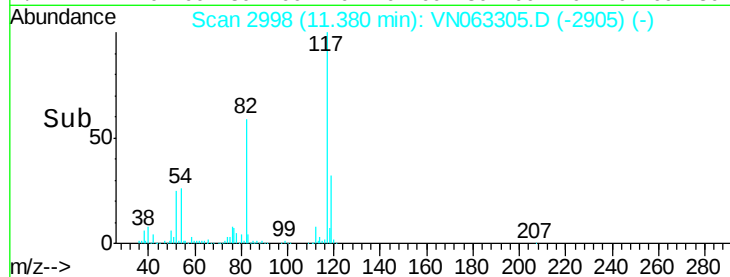
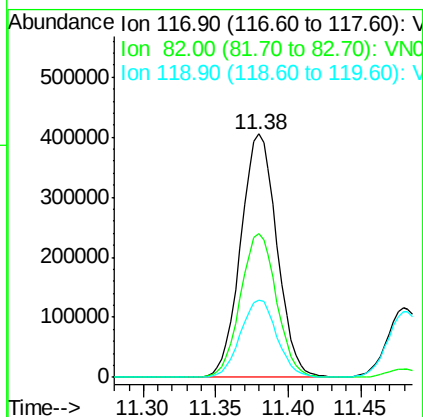
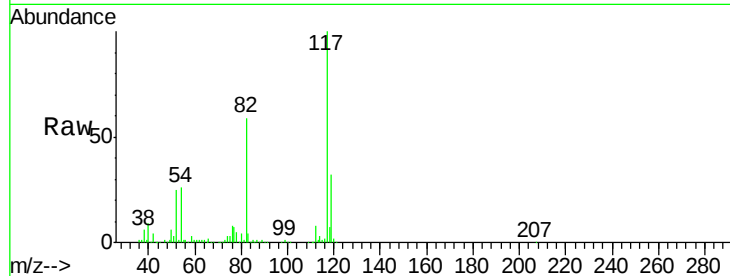
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	705151		
82	59.0	46.4	69.6	
119	31.9	24.8	37.2	

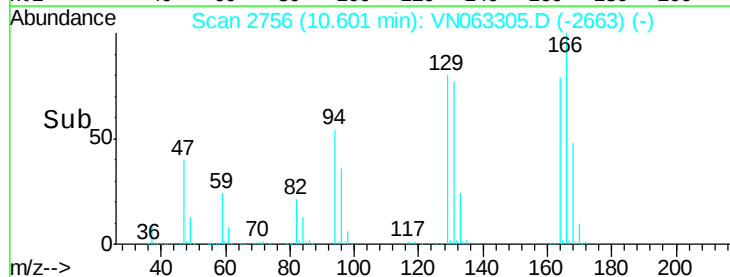
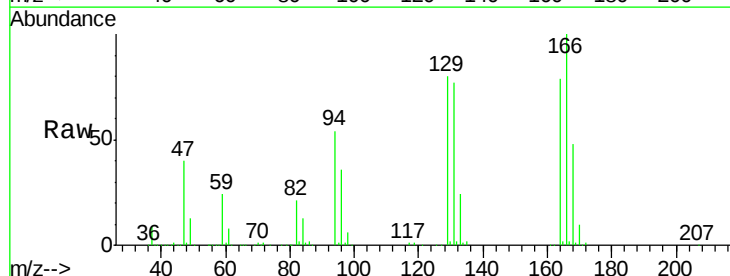
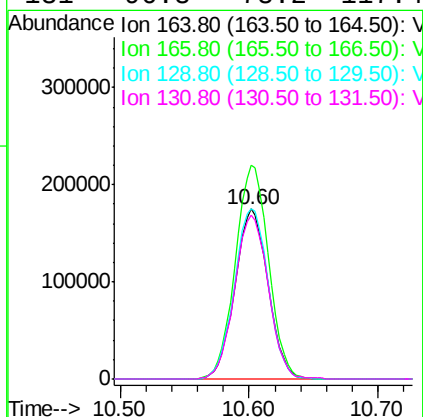
Manual Integrations
APPROVED

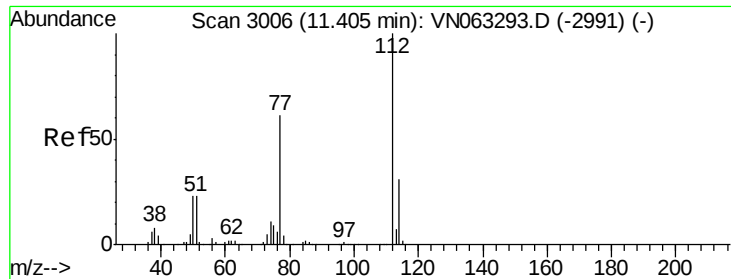
sam
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#64
Tetrachloroethene
Concen: 53.992 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	311891		
166	125.9	101.3	151.9	
129	100.7	83.7	125.5	
131	96.8	78.2	117.4	





#65

Chlorobenzene

Concen: 50.704 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 769722

Ion Ratio Lower Upper

112 100

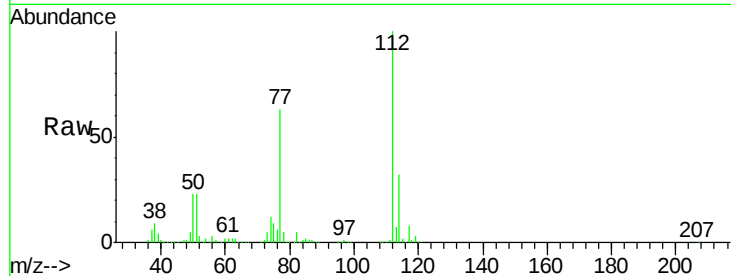
114 31.9 24.6 36.8

Manual Integrations

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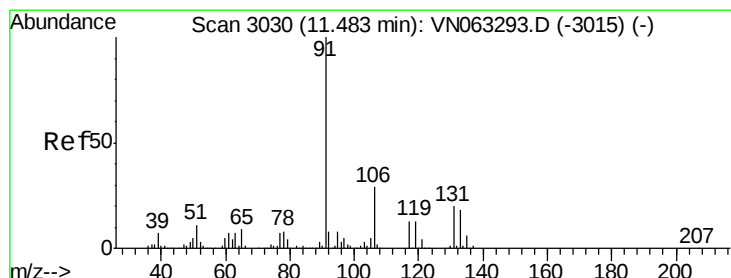
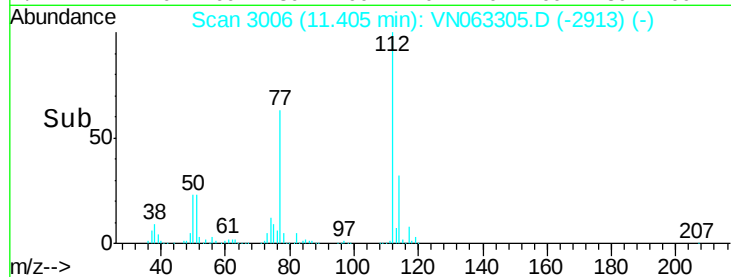
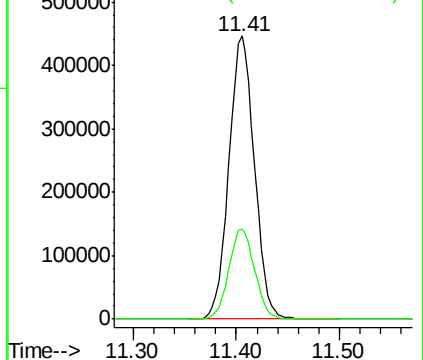
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.244 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

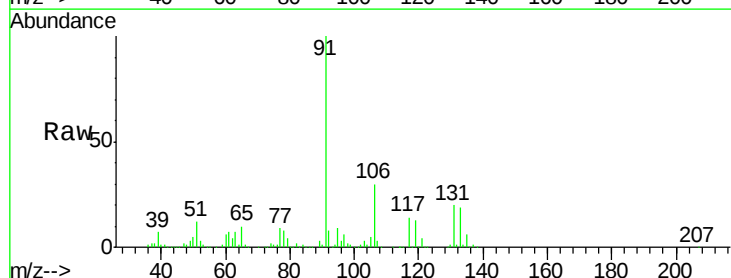
Tgt Ion:131 Resp: 288962

Ion Ratio Lower Upper

131 100

133 94.2 47.4 142.2

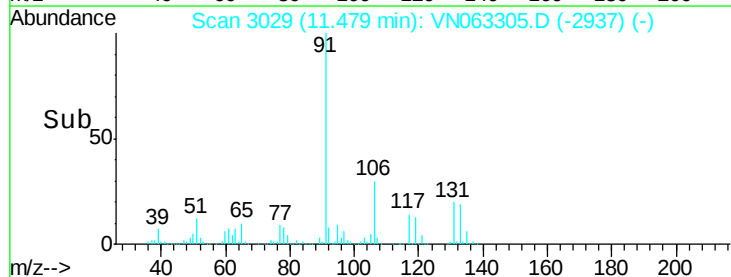
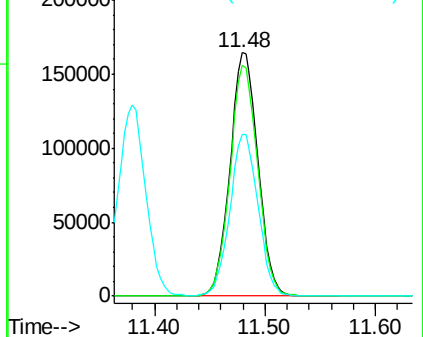
119 67.0 33.8 101.3

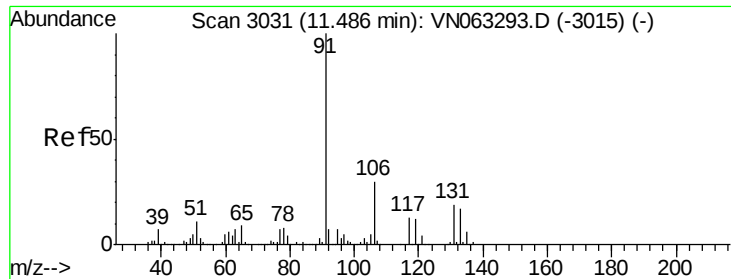


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





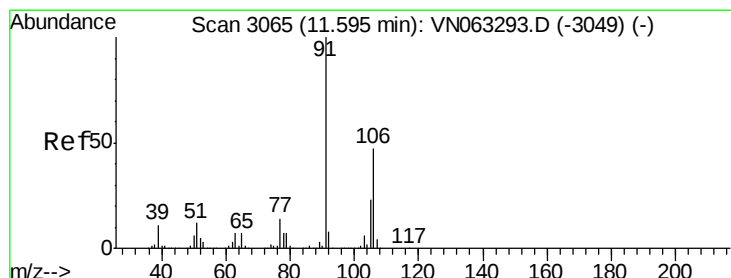
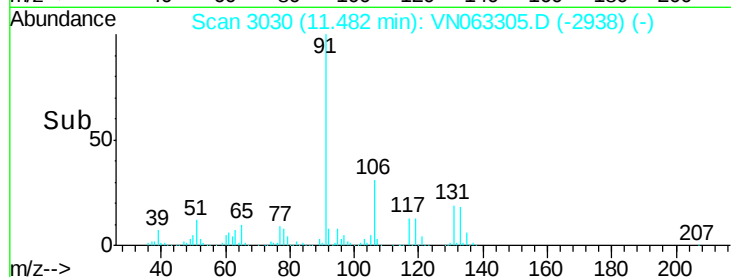
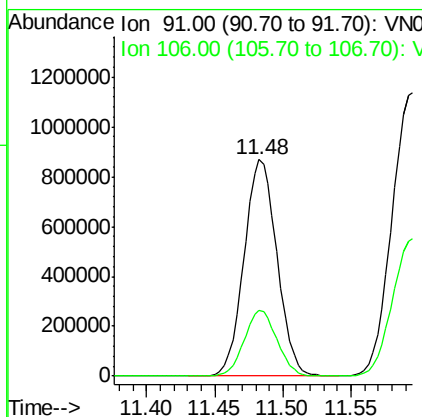
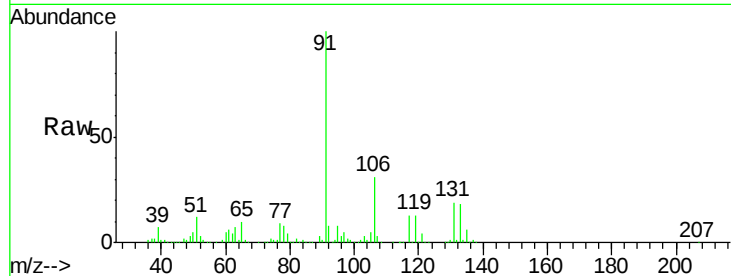
#67
Ethyl Benzene
Concen: 53.395 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1455198
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6

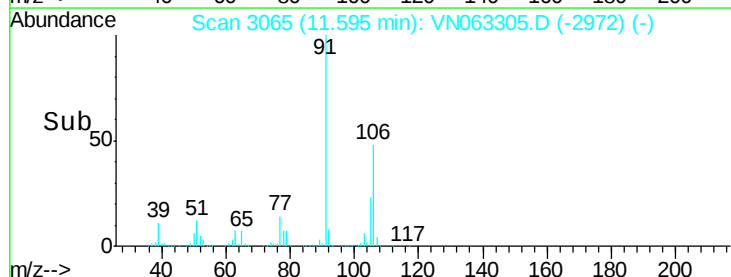
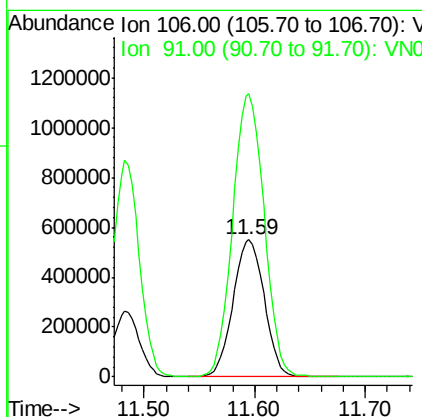
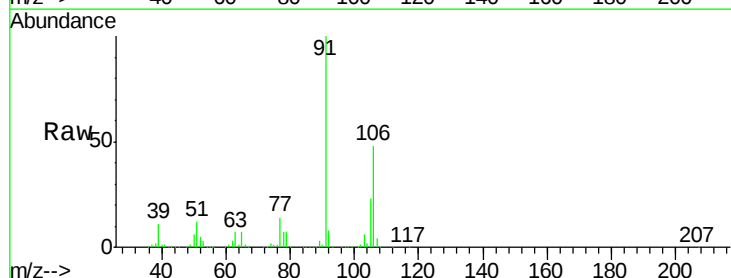
Manual Integrations
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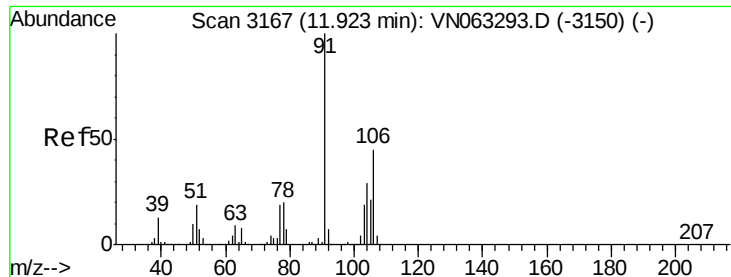
Sam
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#68
m/p-Xylenes
Concen: 106.652 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 106 Resp: 1075154
Ion Ratio Lower Upper
106 100
91 209.3 169.8 254.8





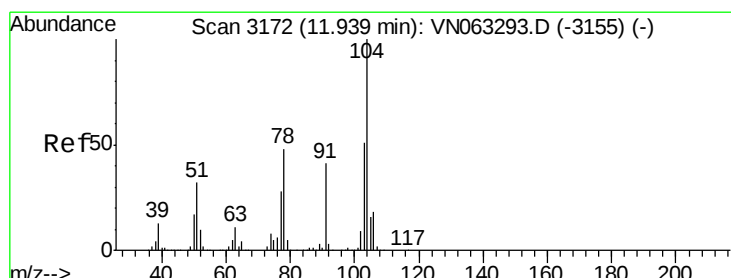
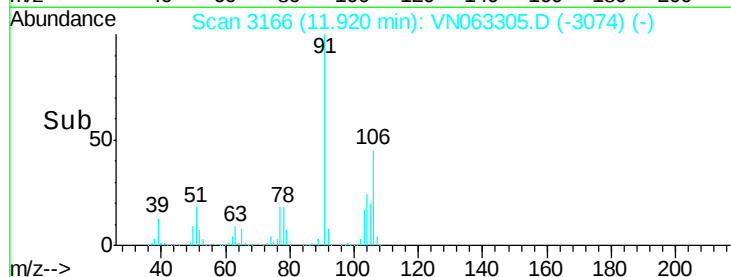
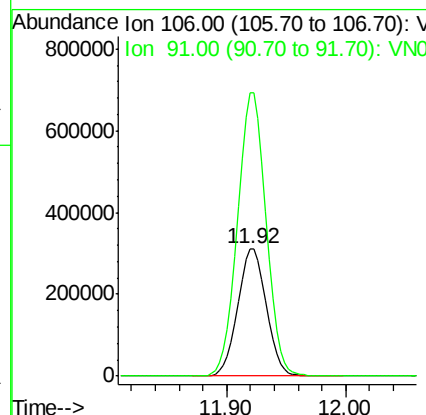
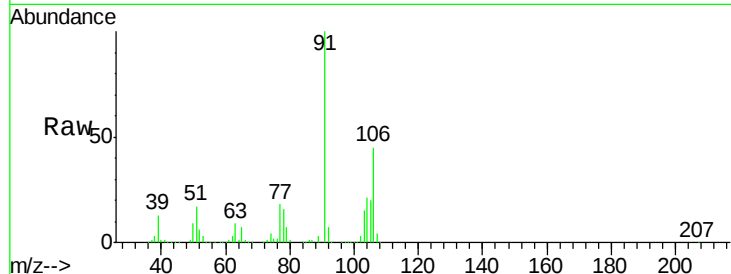
#69
o-Xylene
Concen: 53.671 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	519238		
91	221.4	111.5	334.4	

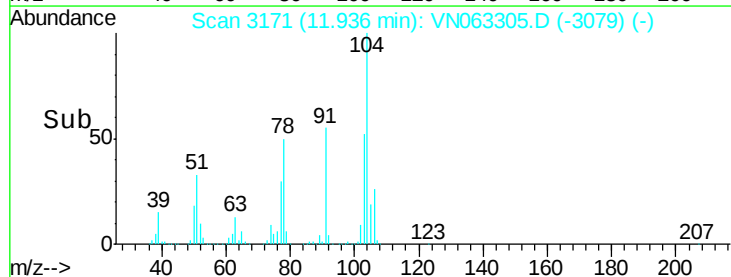
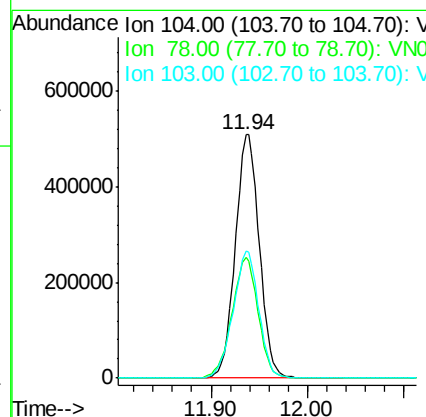
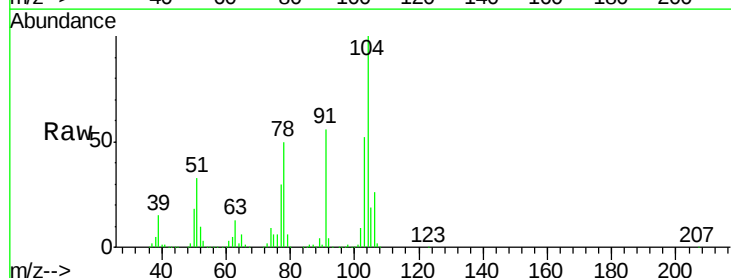
Manual Integrations
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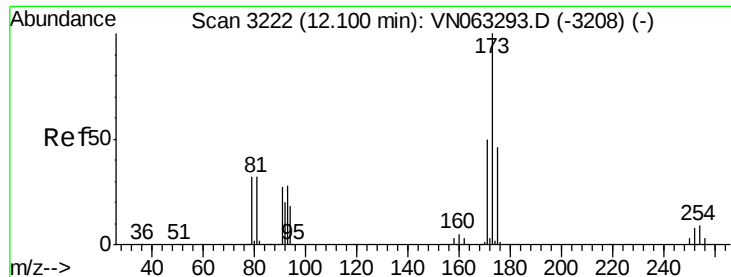
sam
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#70
Styrene
Concen: 54.772 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	880697		
78	53.6	42.9	64.3	
103	55.5	44.2	66.2	





#71

Bromoform

Concen: 54.370 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 207996

Ion Ratio Lower Upper

173 100

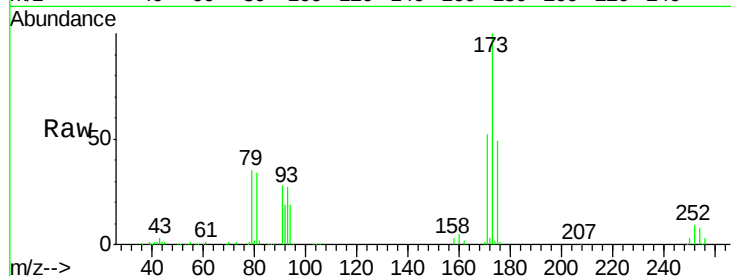
175 47.2 23.8 71.5

254 0.1 0.0 0.0#

Manual Integrations
APPROVED

sam

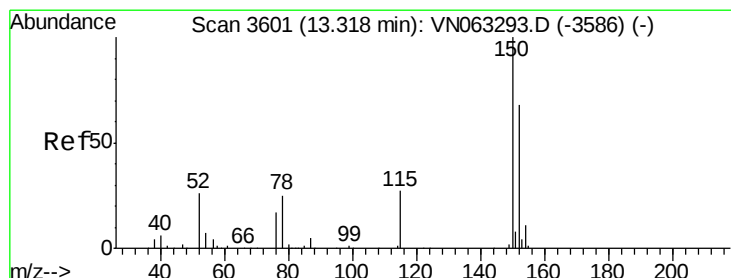
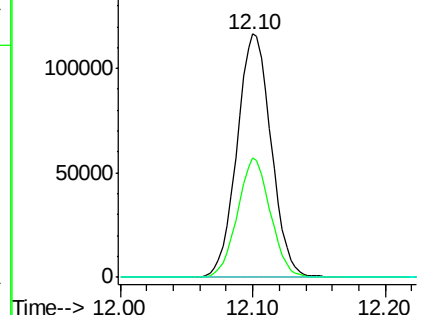
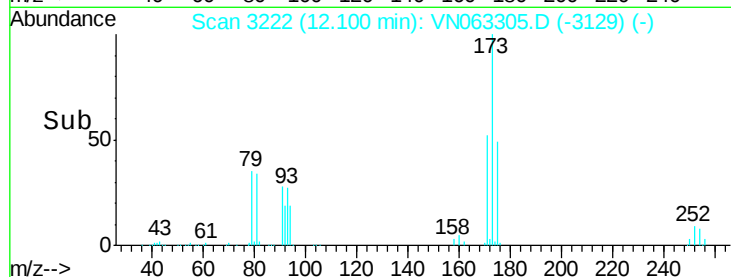
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN063305.D

Acq: 11 Sep 2020 10:32

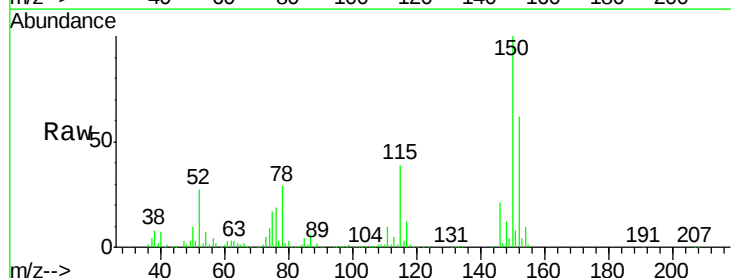
Tgt Ion:152 Resp: 341471

Ion Ratio Lower Upper

152 100

115 62.5 31.5 94.5

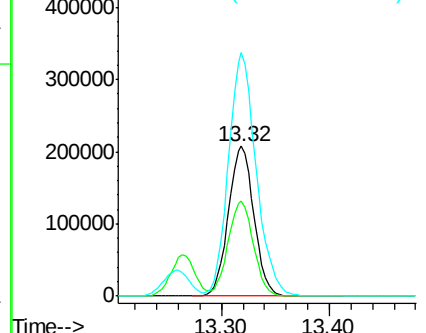
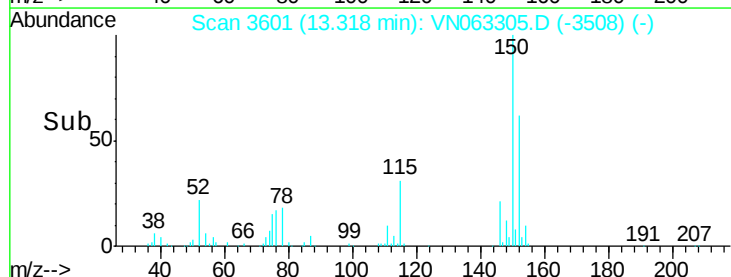
150 175.5 0.0 344.0

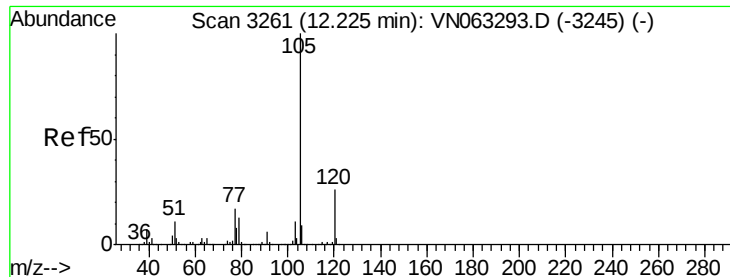


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.374 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1387441

Ion Ratio Lower Upper

105 100

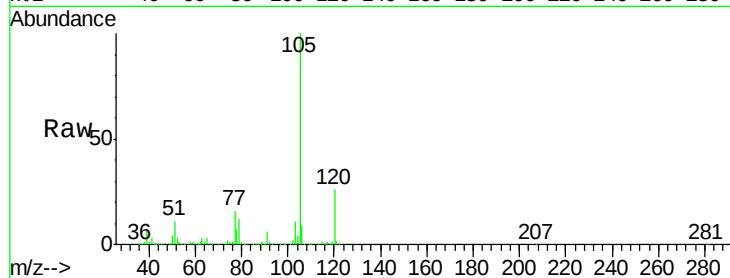
120 25.9 13.0 38.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

200000

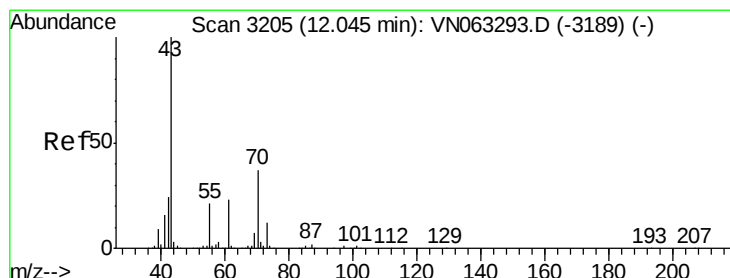
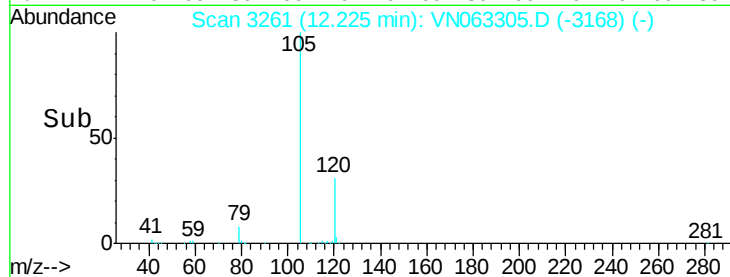
0

12.23

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 54.307 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion: 43 Resp: 614093

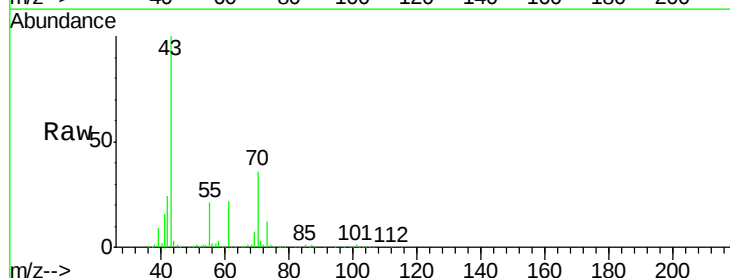
Ion Ratio Lower Upper

43 100

70 36.3 29.3 43.9

55 21.7 17.0 25.6

61 21.4 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

600000

500000

400000

300000

200000

100000

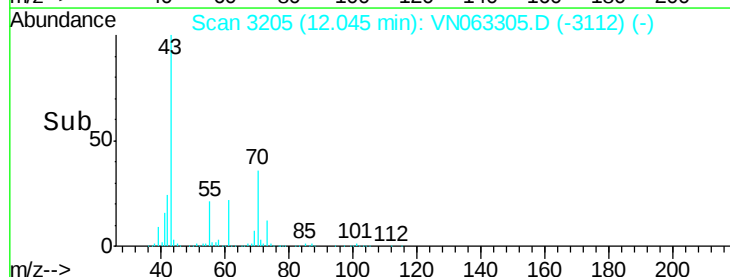
0

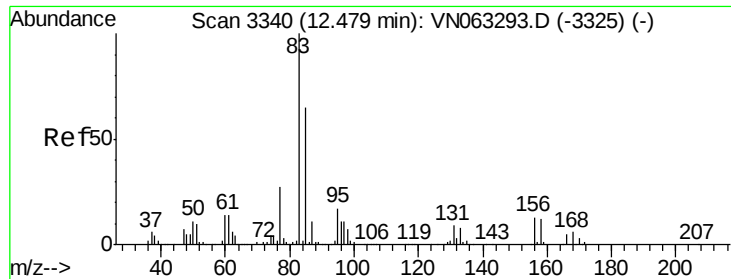
12.05

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.238 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 388394

Ion Ratio Lower Upper

83 100

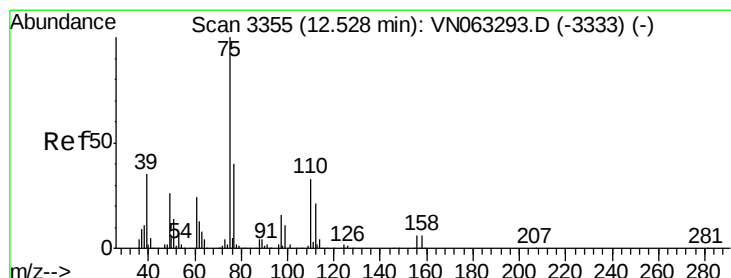
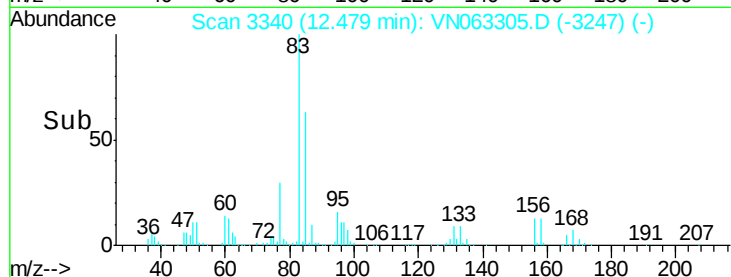
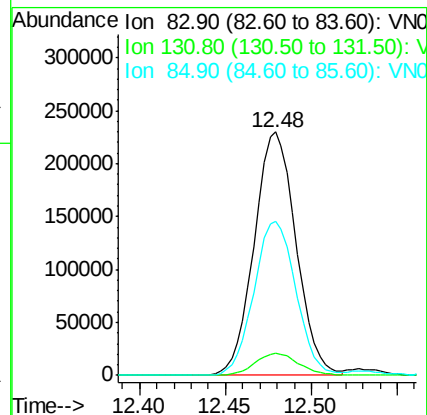
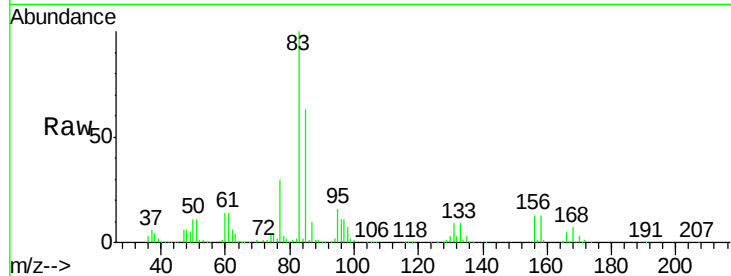
131 9.5 4.7 14.1

85 63.4 32.0 96.2

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#76

1,2,3-Trichloropropane

Concen: 50.074 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063305.D

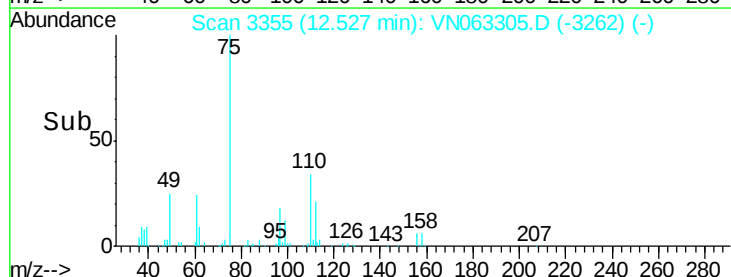
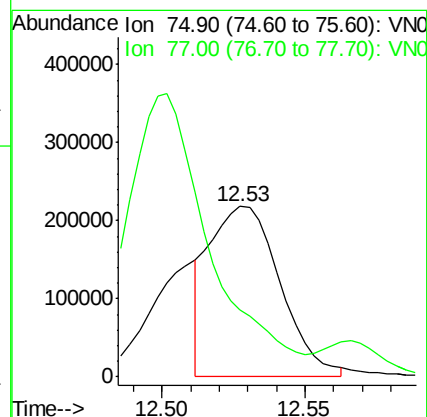
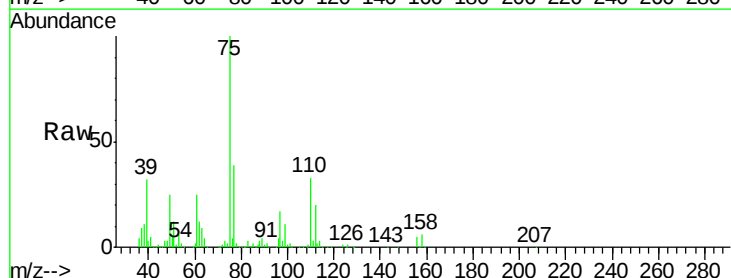
Acq: 11 Sep 2020 10:32

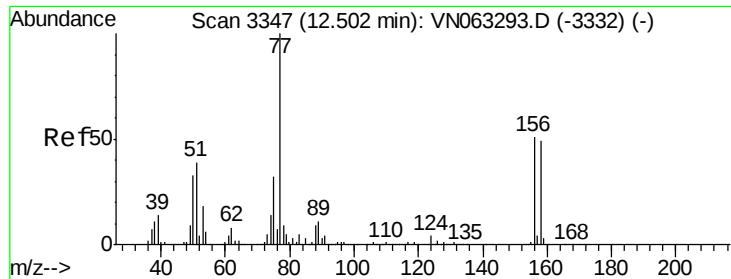
Tgt Ion: 75 Resp: 377225

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.847 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

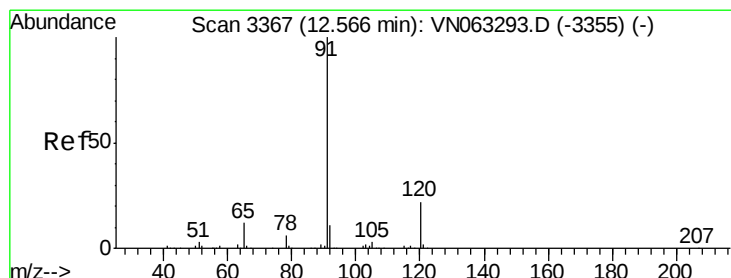
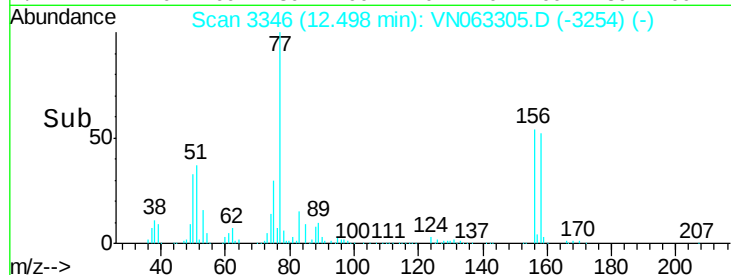
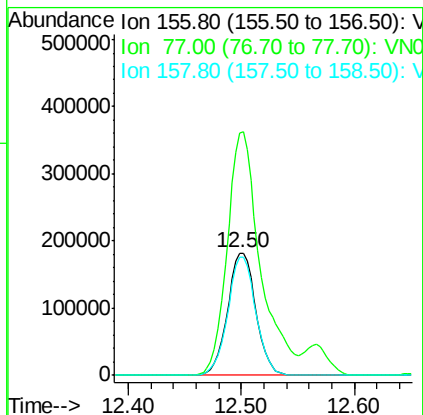
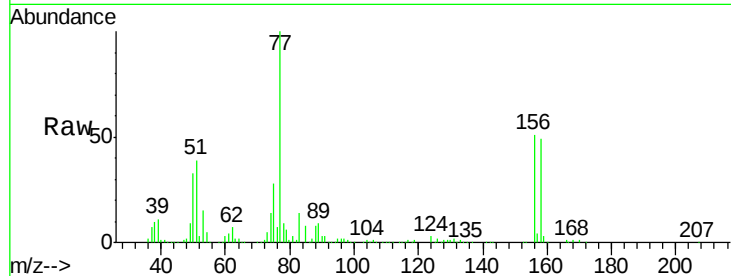
ClientSampled :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	233.9	117.4	352.2
158	96.5	48.8	146.4

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#78

n-propylbenzene

Concen: 53.089 ug/l

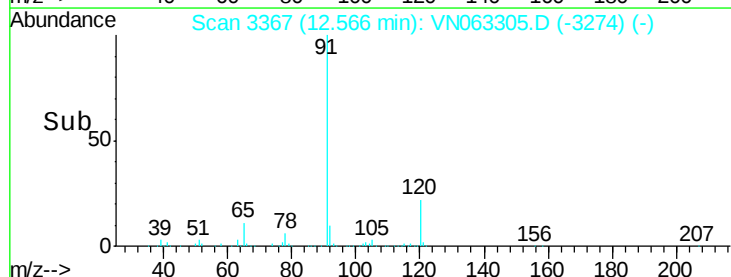
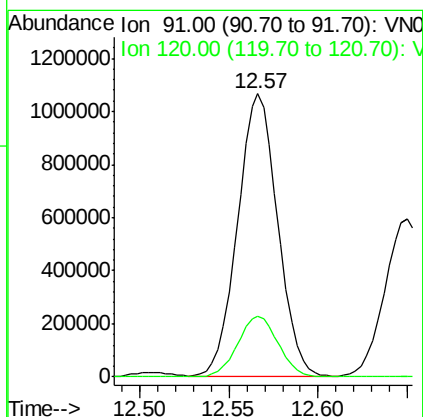
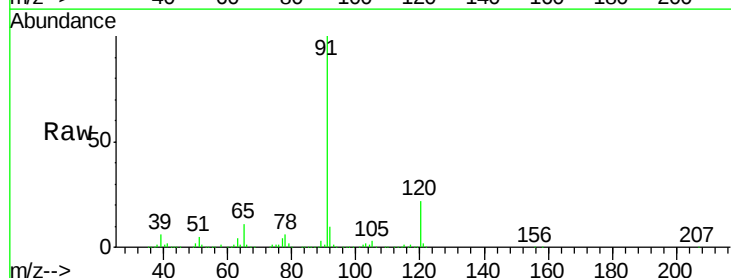
RT: 12.57 min Scan# 3367

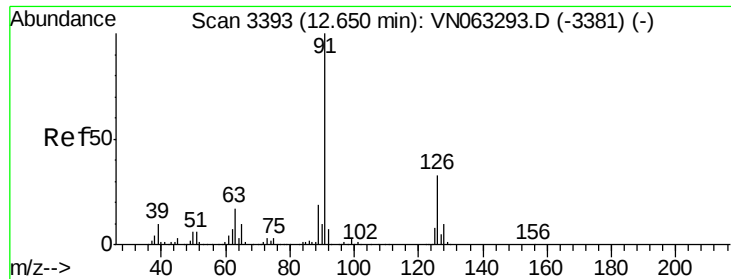
Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.3





#79

2-Chlorotoluene

Concen: 50.780 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 91 Resp: 976948

Ion Ratio Lower Upper

91 100

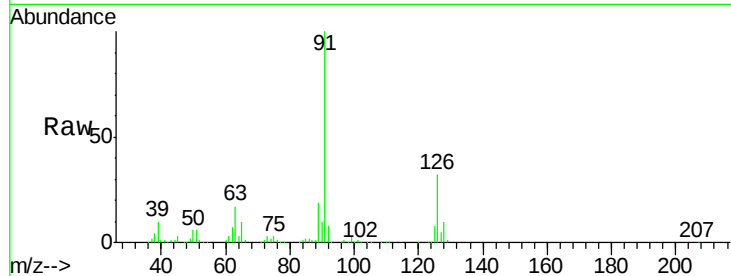
126 32.1 16.3 48.8

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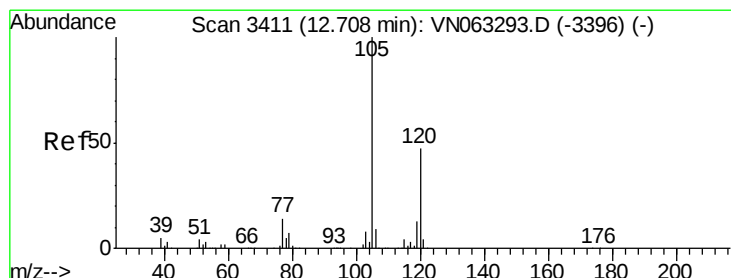
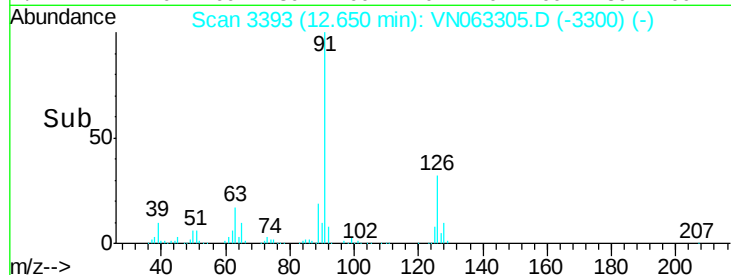
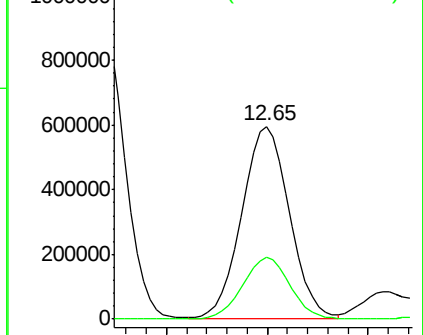
sam

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Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.199 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063305.D

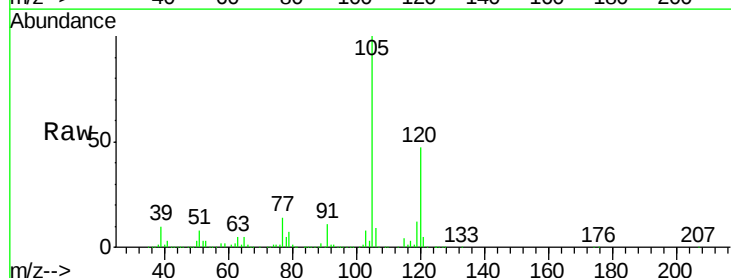
Acq: 11 Sep 2020 10:32

Tgt Ion: 105 Resp: 1193803

Ion Ratio Lower Upper

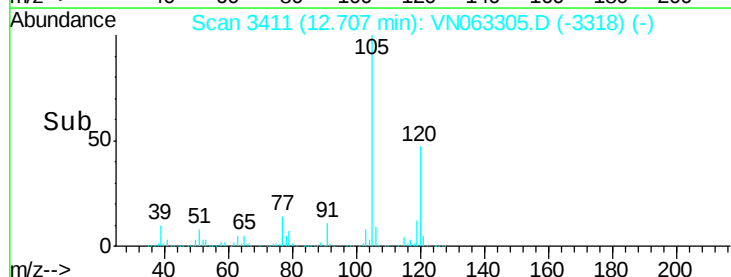
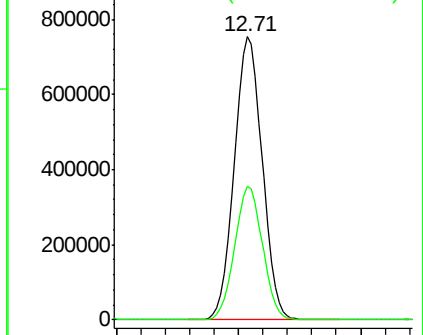
105 100

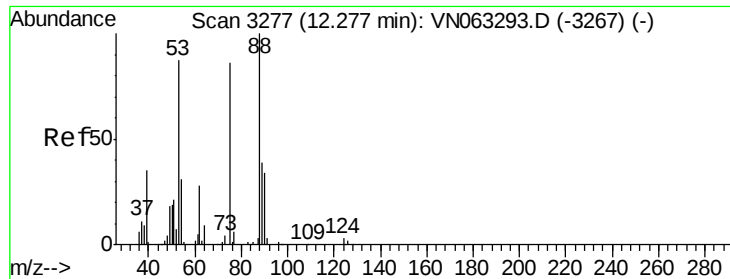
120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.470 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

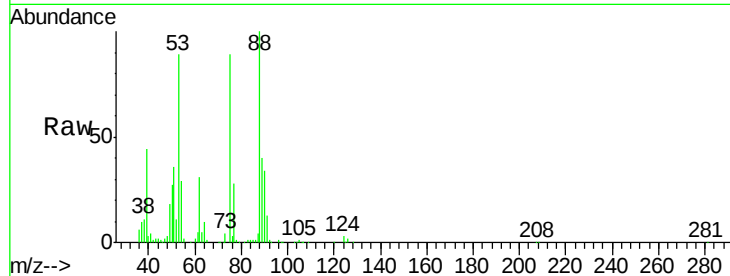
ClientSampled :

VSTDCCC050

Tgt Ion:	75	Resp:	144313
Ion Ratio	Lower	Upper	
75	100		
53	101.9	81.8	122.8
89	45.5	36.7	55.1

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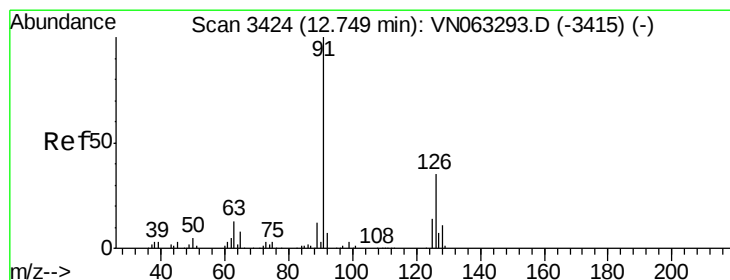
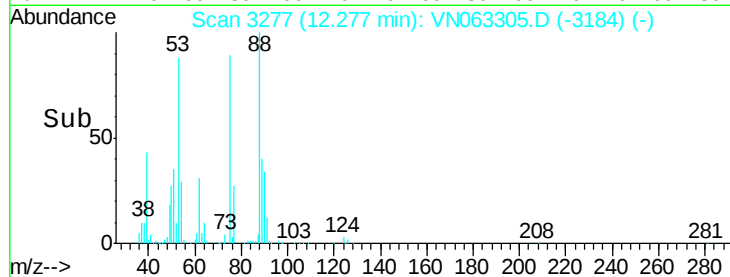
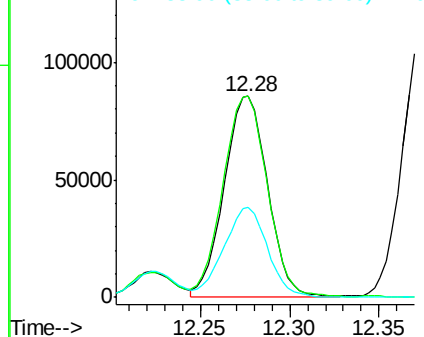
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.956 ug/l

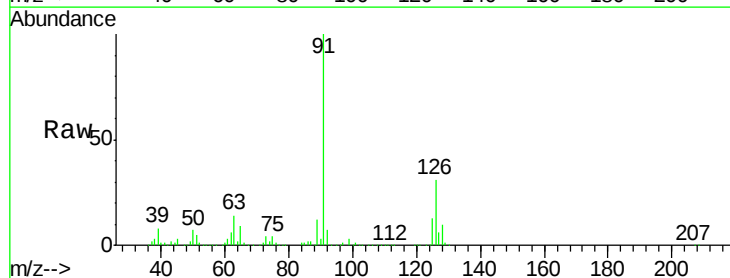
RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063305.D

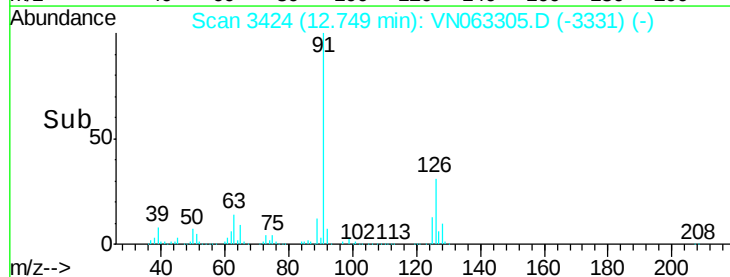
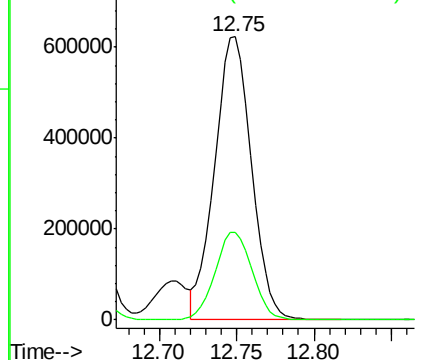
Acq: 11 Sep 2020 10:32

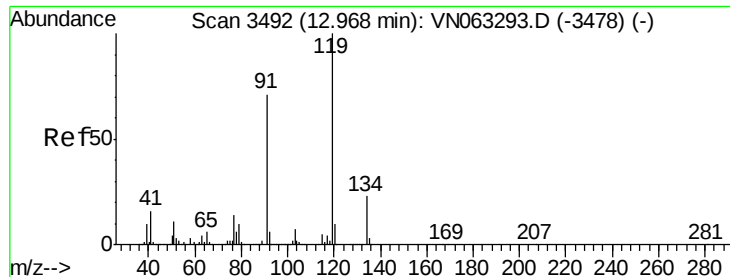
Tgt Ion:	91	Resp:	1027644
Ion Ratio	Lower	Upper	
91	100		
126	31.2	15.9	47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





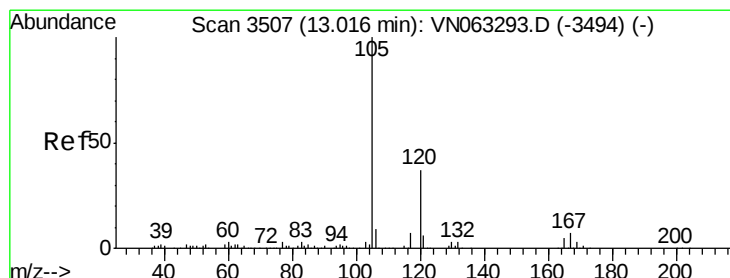
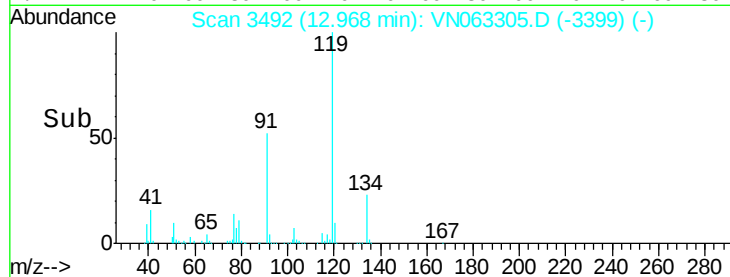
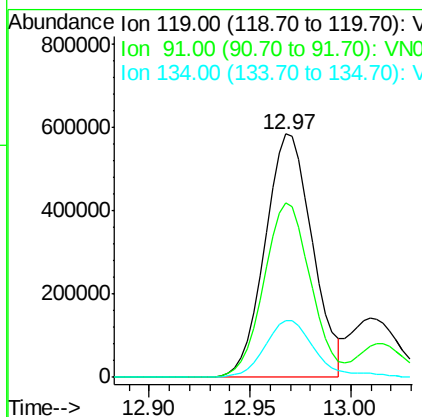
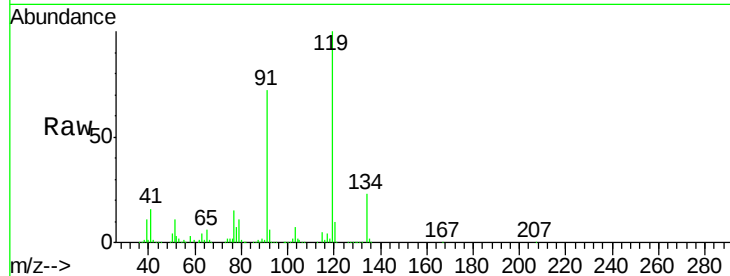
#83
 tert-Butylbenzene
 Concen: 49.104 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	70.9	34.8	104.3
134	24.8	11.9	35.5

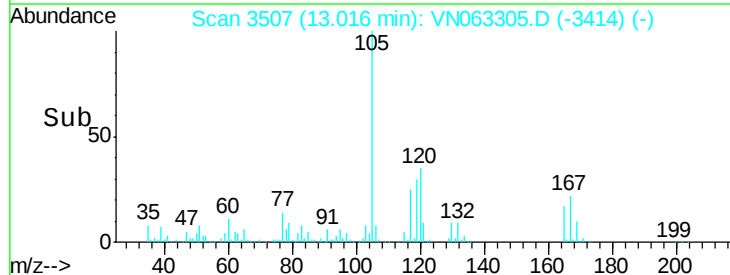
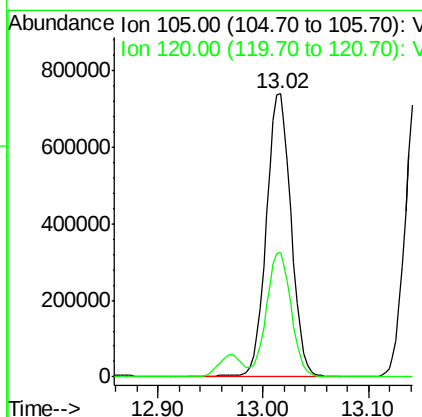
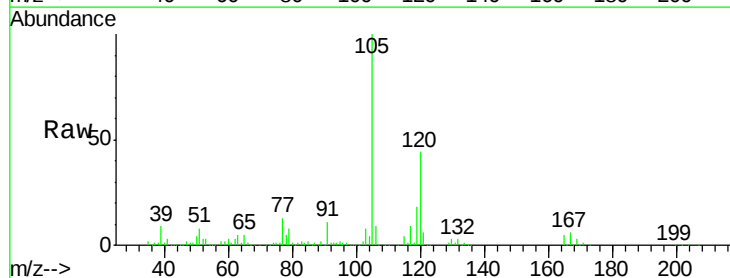
Manual Integrations
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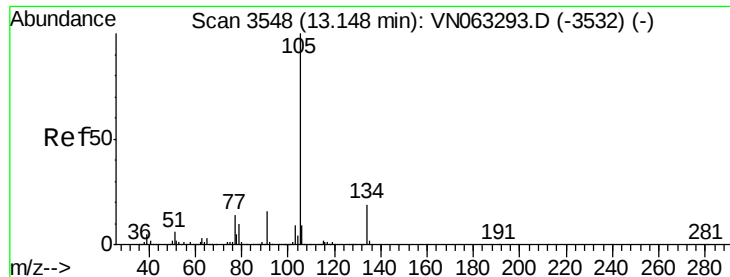
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.271 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.8	65.4





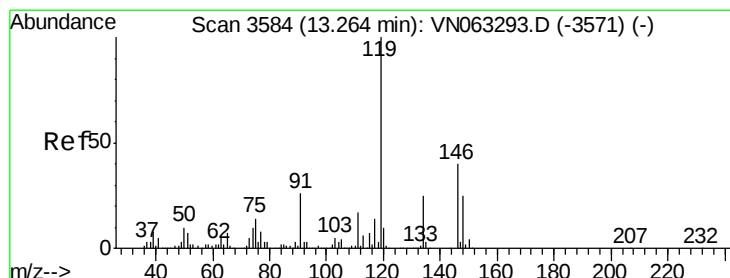
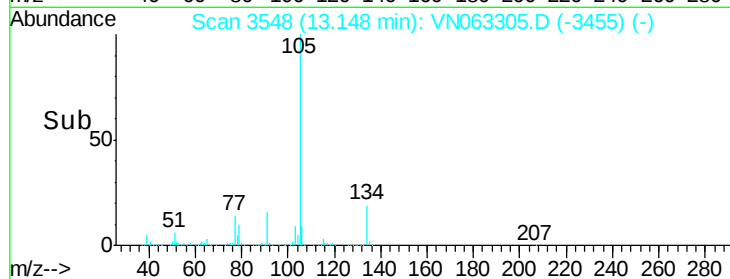
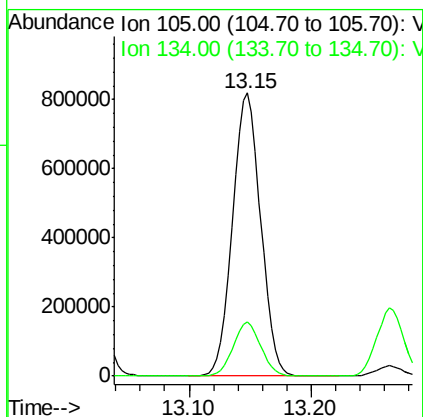
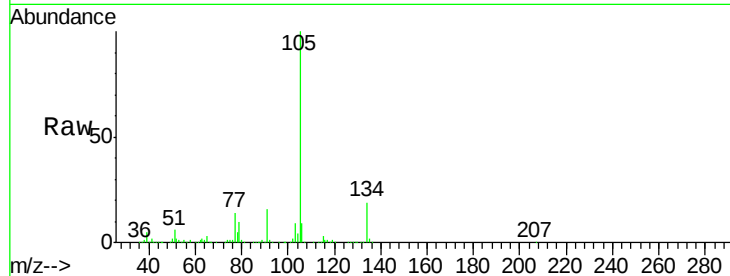
#85
 sec-Butylbenzene
 Concen: 52.938 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1306332
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3

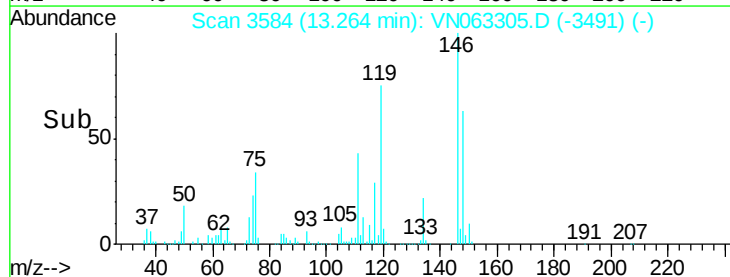
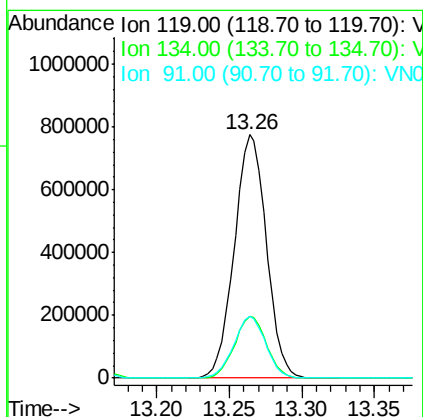
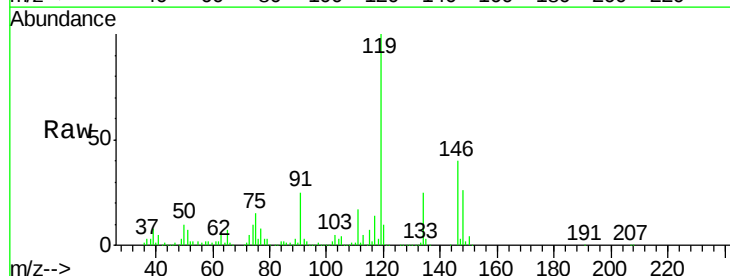
Manual Integrations
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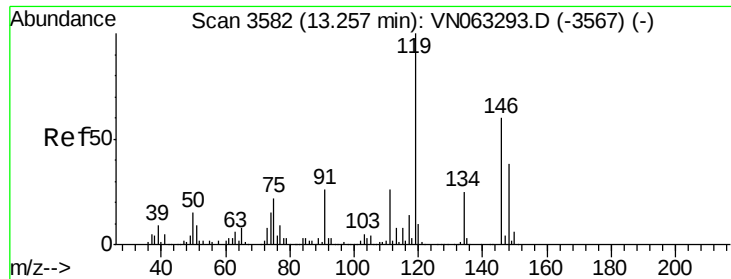
sam
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#86
 p-Isopropyltoluene
 Concen: 52.476 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion:119 Resp: 1187160
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 25.0 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 50.988 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

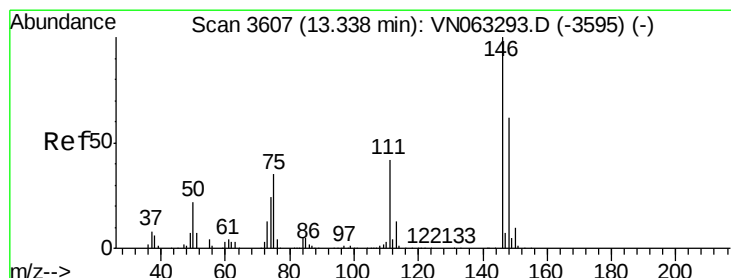
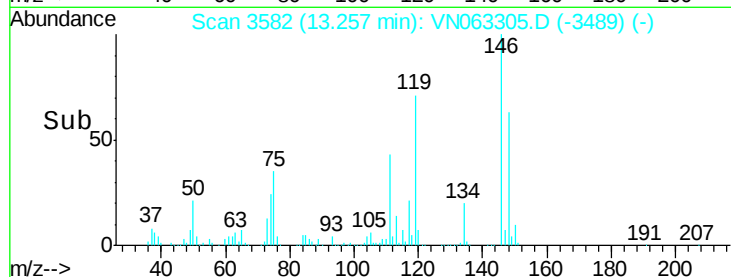
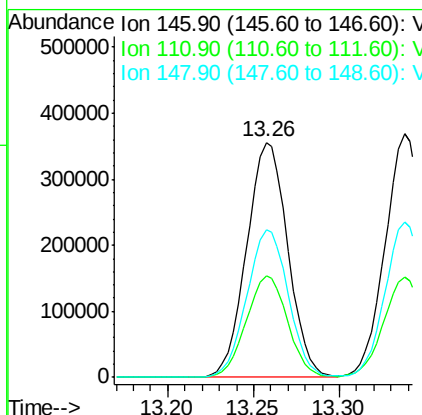
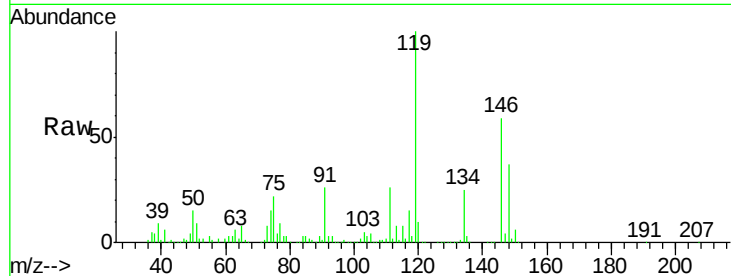
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	590154
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.8	65.4
148	63.3	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 53.766 ug/l

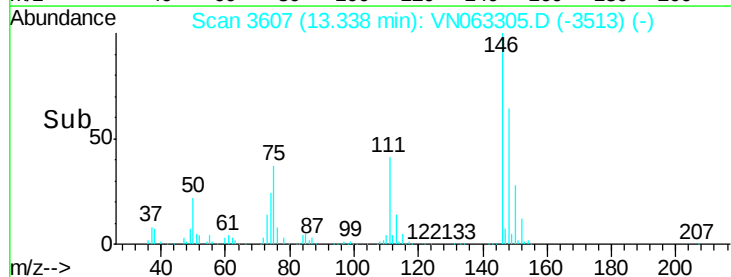
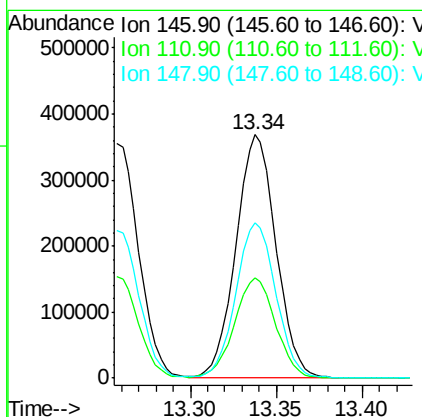
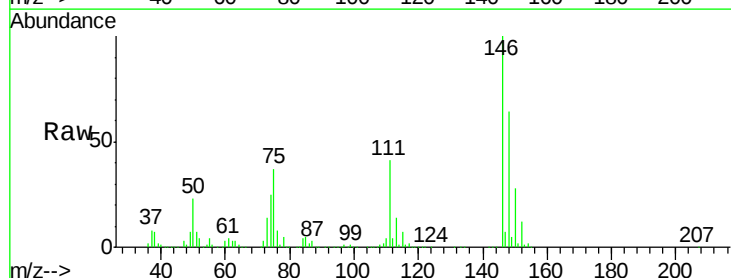
RT: 13.34 min Scan# 3607

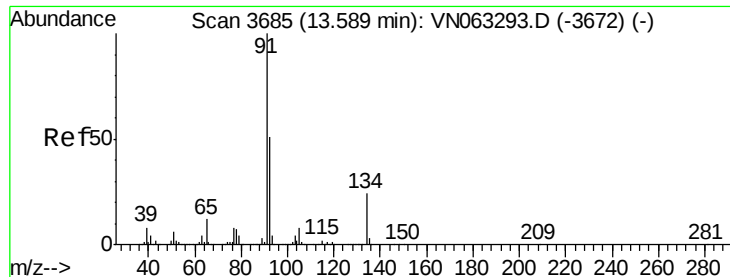
Delta R.T. 0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion:	146	Resp:	594230
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.3	64.0
148	64.1	31.5	94.5





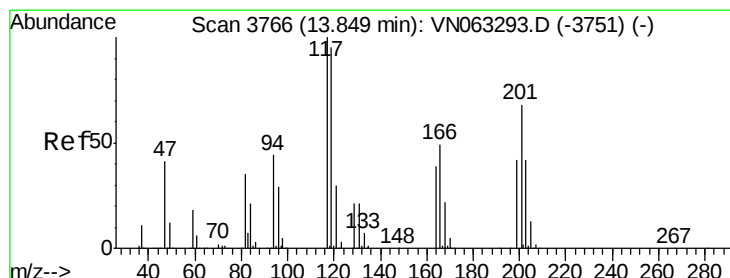
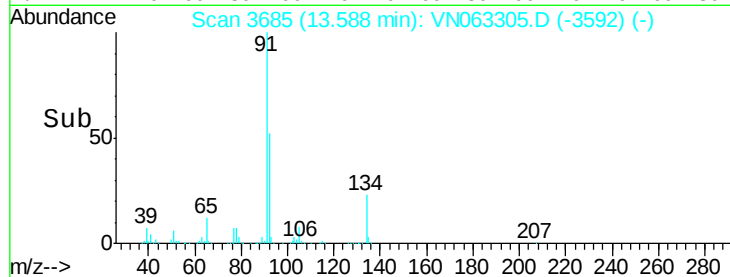
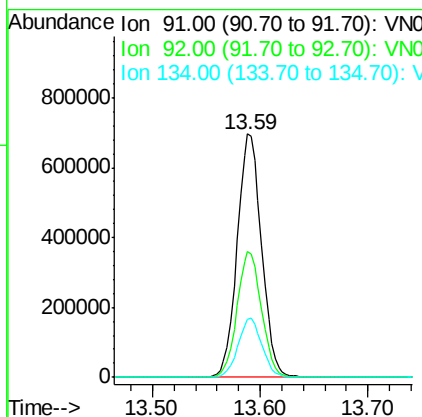
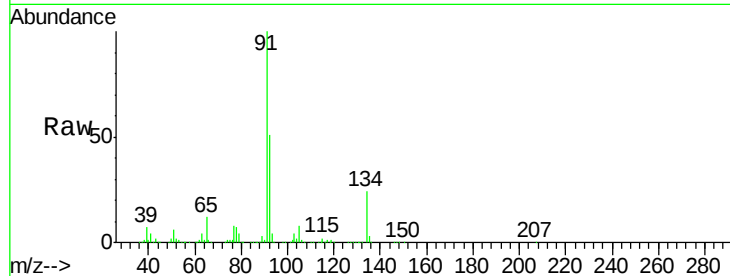
#89
n-Butylbenzene
Concen: 53.786 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.8	77.3
134	23.9	12.0	36.0

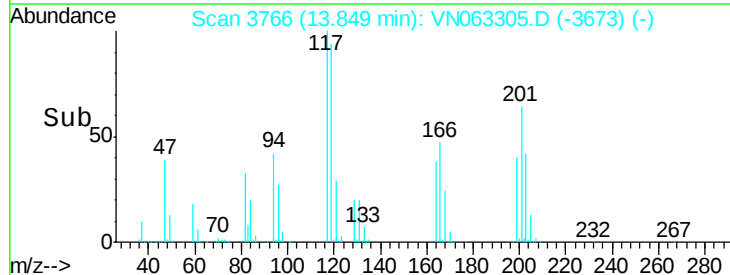
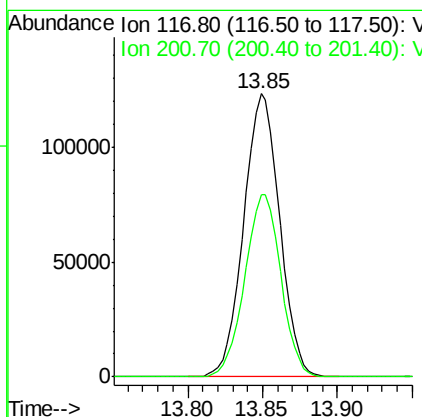
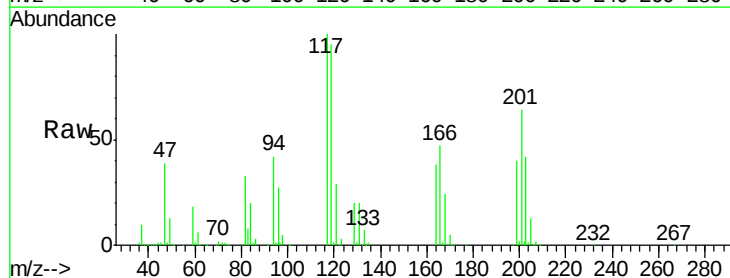
Manual Integrations
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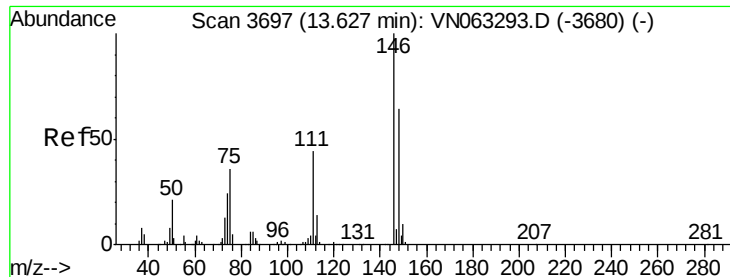
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#90
Hexachloroethane
Concen: 55.461 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.7	33.5	100.4





#91

1,2-Dichlorobenzene

Concen: 50.904 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

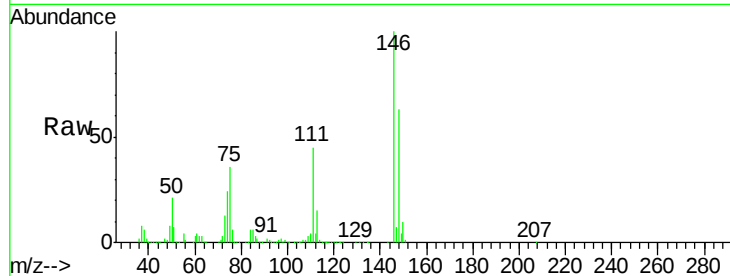
ClientSampled :

VSTDCCC050

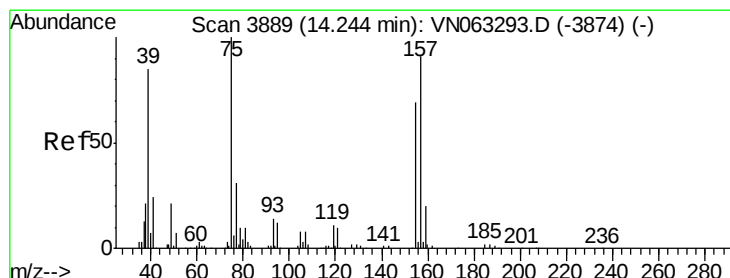
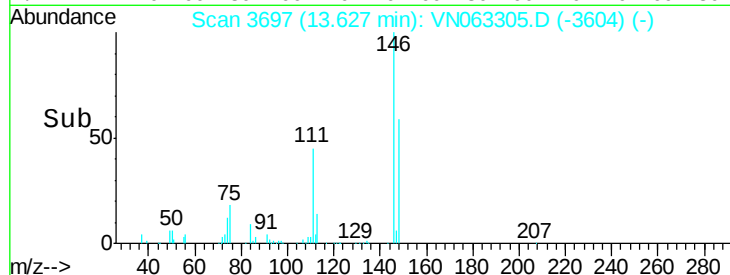
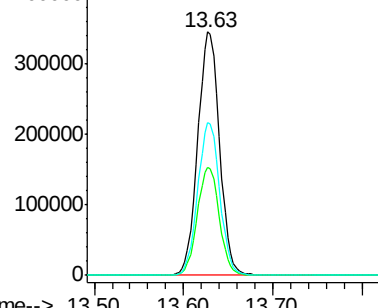
Tgt Ion:	146	Resp:	582316
Ion Ratio		Lower	Upper
146	100		
111	44.8	22.1	66.5
148	63.3	31.8	95.3

Manual Integrations
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9/21/2020 7:25:51 PM



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.837 ug/l

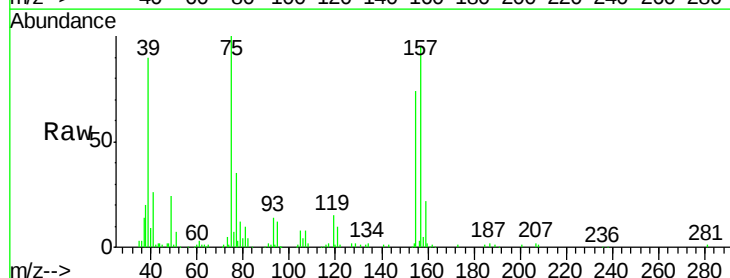
RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion:	75	Resp:	89396
Ion Ratio		Lower	Upper
75	100		
155	71.0	35.3	105.7
157	92.9	46.7	140.0



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

