

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061282.D
 Acq On : 4 May 2020 16:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:36:23 AM

Quant Time: May 05 05:05:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	108638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	185891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86400	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	84607	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	49634	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
50) Toluene-d8	10.06	98	225147	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.38	95	87015	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56454	49.004	ug/l	99
3) Chloromethane	2.03	50	75528	54.133	ug/l	98
4) Vinyl Chloride	2.16	62	84360	53.233	ug/l	99
5) Bromomethane	2.53	94	34073	43.497	ug/l	99
6) Chloroethane	2.67	64	50779	50.554	ug/l	100
7) Trichlorofluoromethane	2.98	101	102977	57.596	ug/l	98
8) Diethyl Ether	3.37	74	41117	55.135	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59401	51.571	ug/l	99
10) Methyl Iodide	3.91	142	63190	42.688	ug/l	100
11) Tert butyl alcohol	4.73	59	81817	355.306	ug/l	100
12) 1,1-Dichloroethene	3.70	96	57037	49.761	ug/l	99
13) Acrolein	3.56	56	49615	323.322	ug/l	95
14) Allyl chloride	4.27	41	126137	59.350	ug/l	97
15) Acrylonitrile	4.93	53	217869	308.215	ug/l	99
16) Acetone	3.77	43	200226	302.332	ug/l	99
17) Carbon Disulfide	4.01	76	129213	40.809	ug/l	100
18) Methyl Acetate	4.27	43	115436	53.155	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	225136	51.403	ug/l	99
20) Methylene Chloride	4.50	84	66017	49.252	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	62301	49.916	ug/l	98
22) Diisopropyl ether	5.90	45	259225	52.598	ug/l	96
23) Vinyl Acetate	5.84	43	1091707	275.111	ug/l	100
24) 1,1-Dichloroethane	5.80	63	130648	50.737	ug/l	100
25) 2-Butanone	6.78	43	321671	316.238	ug/l	100
26) 2,2-Dichloropropane	6.77	77	109993	50.714	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	73328	50.064	ug/l	99
28) Bromochloromethane	7.15	49	63507	52.034	ug/l	96
29) Tetrahydrofuran	7.17	42	214453	312.981	ug/l	98
30) Chloroform	7.33	83	128504	49.245	ug/l	98
31) Cyclohexane	7.61	56	113517	45.394	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	111896	49.243	ug/l	100
36) 1,1-Dichloropropene	7.75	75	94930	51.014	ug/l	100
37) Ethyl Acetate	6.88	43	128358	58.838	ug/l	100
38) Carbon Tetrachloride	7.73	117	85148	50.145	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	99959	47.899	ug/l	98
40) Benzene	8.00	78	277818	50.112	ug/l	99
41) Methacrylonitrile	7.12	41	53718m	59.306	ug/l	
42) 1,2-Dichloroethane	8.08	62	109173	51.981	ug/l	100
43) Isopropyl Acetate	8.13	43	206538	57.047	ug/l	99
44) Trichloroethene	8.80	130	70869	47.287	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75730	51.130	ug/l	99
46) Dibromomethane	9.17	93	47725	52.041	ug/l	100
47) Bromodichloromethane	9.37	83	104560	53.120	ug/l	99
48) Methyl methacrylate	9.17	41	94661	57.940	ug/l	98
49) 1,4-Dioxane	9.17	88	21843	1177.822	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	672008	315.335	ug/l	100
52) Toluene	10.13	92	171136	51.249	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	115969	52.287	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	122220	52.124	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	68808	51.660	ug/l	99
56) Ethyl methacrylate	10.40	69	118607	51.041	ug/l	99
57) 1,3-Dichloropropane	10.68	76	123289	52.660	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	287784	266.927	ug/l	99
59) 2-Hexanone	10.72	43	515049	332.201	ug/l	100
60) Dibromochloromethane	10.87	129	73626	52.778	ug/l	98
61) 1,2-Dibromoethane	10.98	107	69752	52.249	ug/l	97
64) Tetrachloroethene	10.60	164	67472	44.178	ug/l	98
65) Chlorobenzene	11.41	112	176961	50.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	65483	52.305	ug/l	99
67) Ethyl Benzene	11.48	91	339071	51.782	ug/l	99
68) m/p-Xylenes	11.60	106	245610	102.475	ug/l	97
69) o-Xylene	11.92	106	118065	51.282	ug/l	98
70) Styrene	11.94	104	203981	52.937	ug/l	99
71) Bromoform	12.10	173	50833	55.247	ug/l #	99
73) Isopropylbenzene	12.22	105	324492	51.088	ug/l	100
74) N-amyl acetate	12.04	43	185606	57.707	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	106345	53.695	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	98910m	54.300	ug/l	
77) Bromobenzene	12.50	156	73454	50.097	ug/l	96
78) n-propylbenzene	12.57	91	384885	51.088	ug/l	99
79) 2-Chlorotoluene	12.65	91	223636	50.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	265583	50.520	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	40311	56.199	ug/l	98
82) 4-Chlorotoluene	12.75	91	239866	51.395	ug/l	98
83) tert-Butylbenzene	12.97	119	223634	50.450	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	272784	50.365	ug/l	99
85) sec-Butylbenzene	13.15	105	300891	49.787	ug/l	99
86) p-Isopropyltoluene	13.26	119	272806	50.101	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	137265	50.853	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	137638	49.906	ug/l	100
89) n-Butylbenzene	13.59	91	254527	50.989	ug/l	100
90) Hexachloroethane	13.85	117	32486	56.100	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	129634	50.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24533	58.651	ug/l	99

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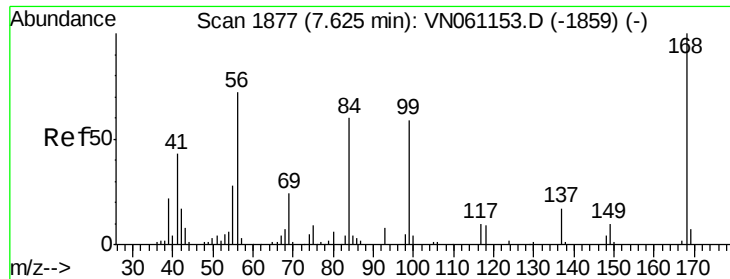
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	75494	47.901	ug/l	99
94) Hexachlorobutadiene	14.98	225	27727	42.111	ug/l	99
95) Naphthalene	15.10	128	249932	48.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	68311	43.901	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

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ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 108638

Ion Ratio Lower Upper

168 100

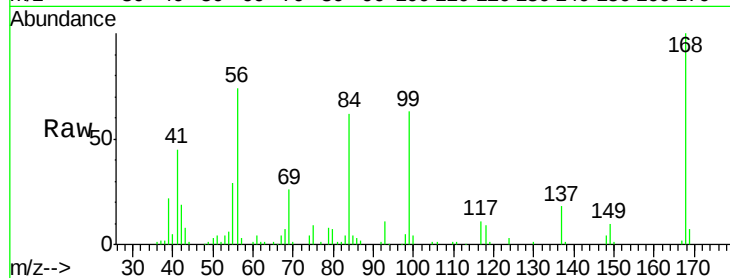
99 63.2 51.2 76.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

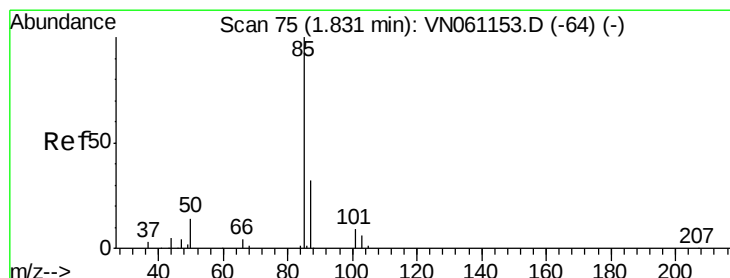
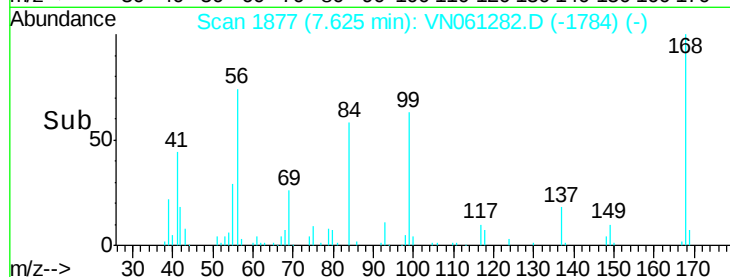
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.004 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061282.D

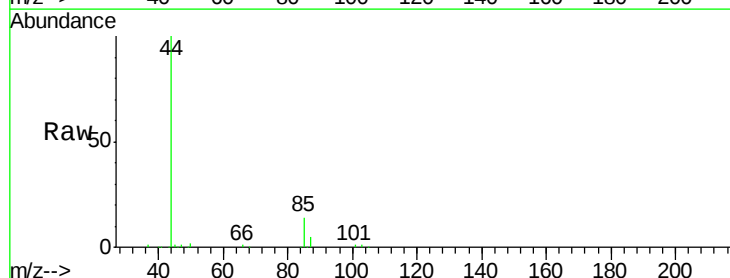
Acq: 4 May 2020 16:49

Tgt Ion: 85 Resp: 56454

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

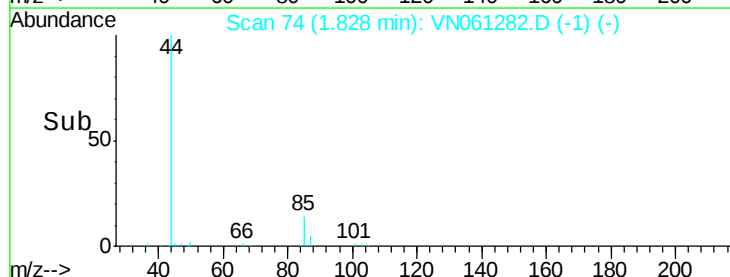
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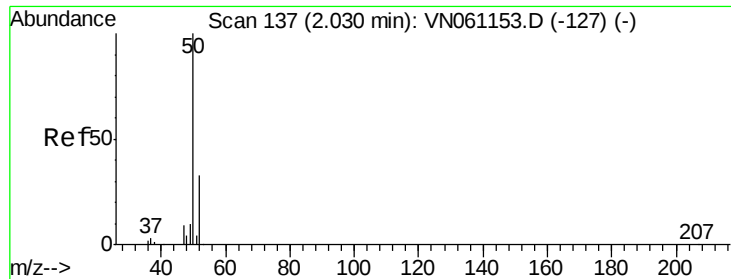
20000

10000

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Time-->





#3

Chloromethane

Concen: 54.133 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Tot Ion: 50 Resp: 75528

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0

Instrument :

MSVOA_N

ClientSampleId :

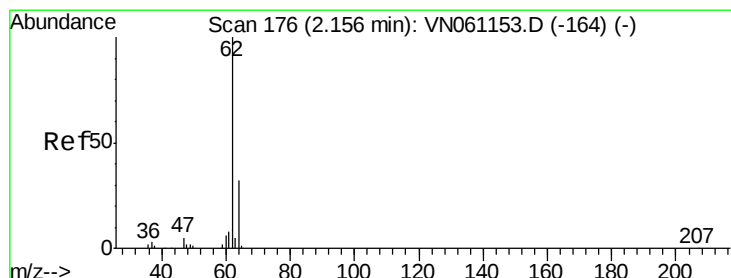
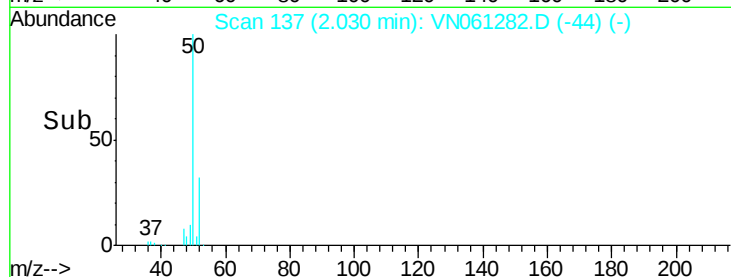
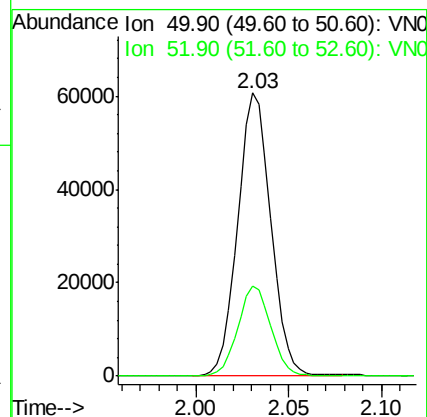
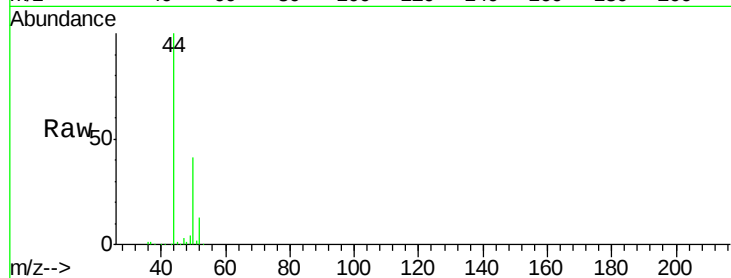
VSTDCCC050EC

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#4

Vinyl Chloride

Concen: 53.233 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061282.D

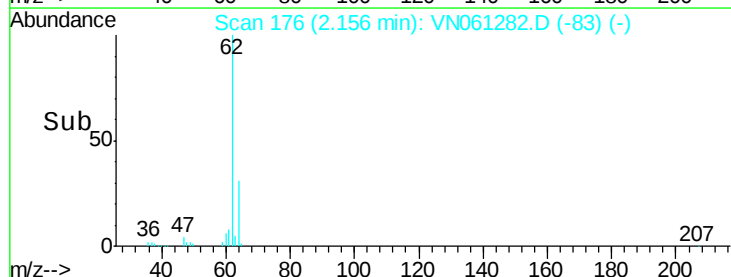
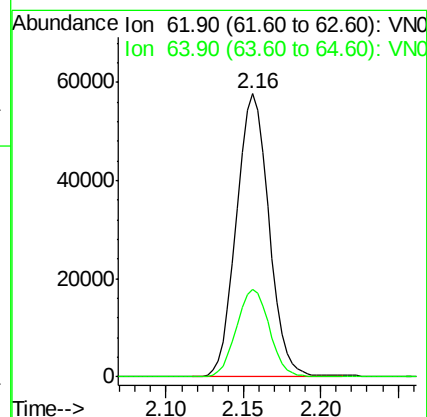
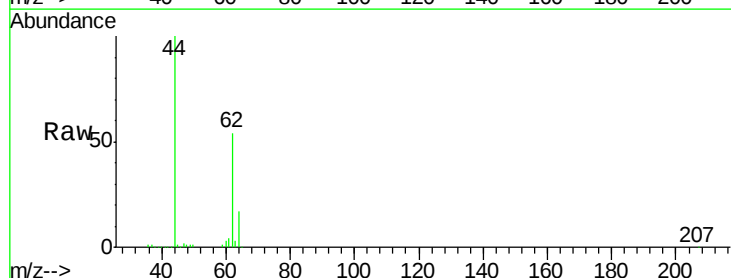
Acq: 4 May 2020 16:49

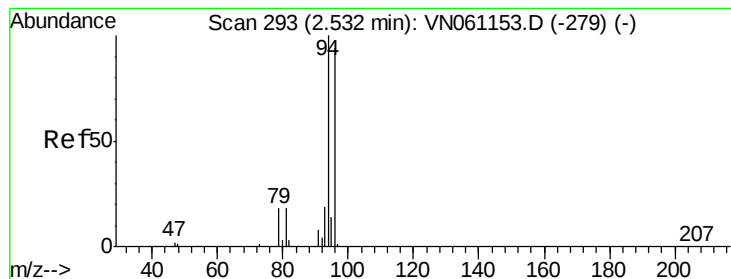
Tgt Ion: 62 Resp: 84360

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 43.497 ug/l

RT: 2.53 min Scan# 291

Delta R.T. -0.01 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 34073

Ion Ratio Lower Upper

94 100

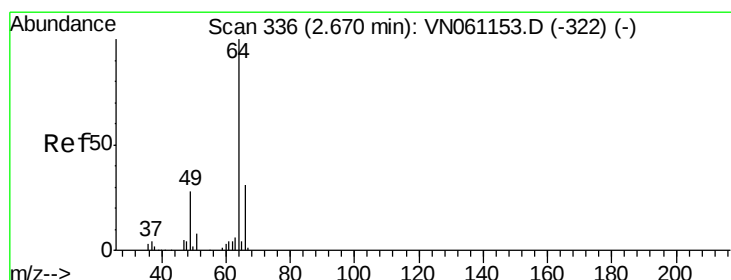
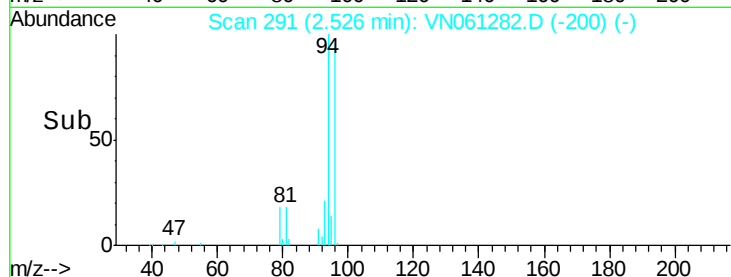
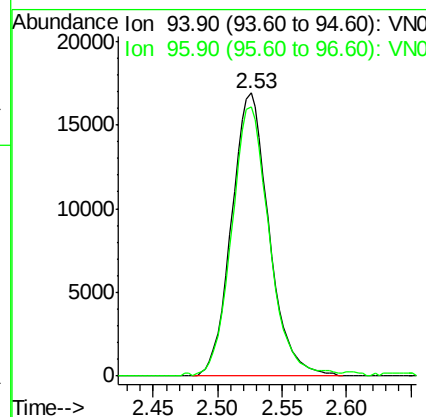
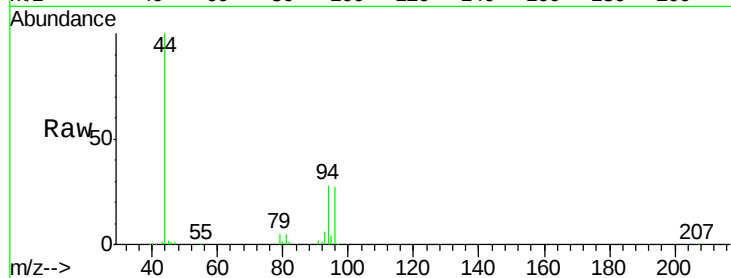
96 95.3 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 50.554 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061282.D

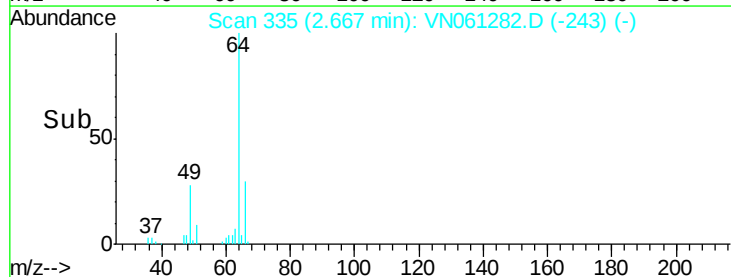
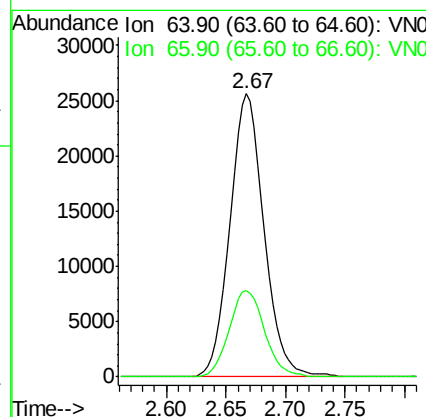
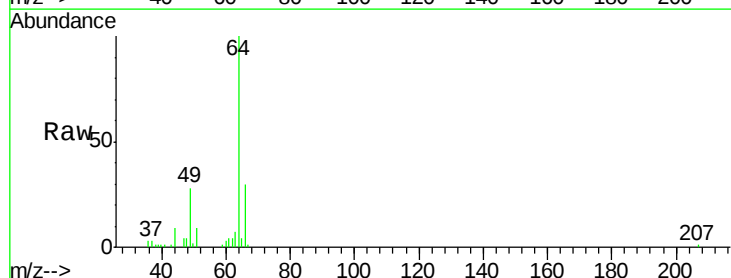
Acq: 4 May 2020 16:49

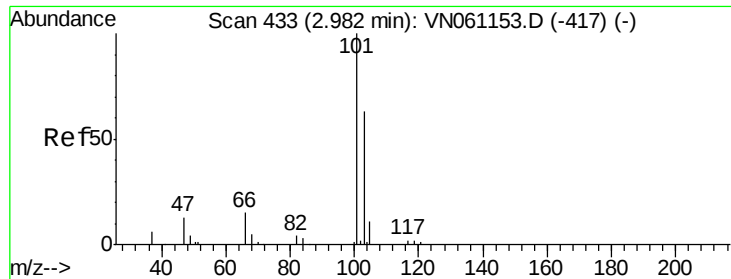
Tgt Ion: 64 Resp: 50779

Ion Ratio Lower Upper

64 100

66 30.5 24.6 36.8





#7

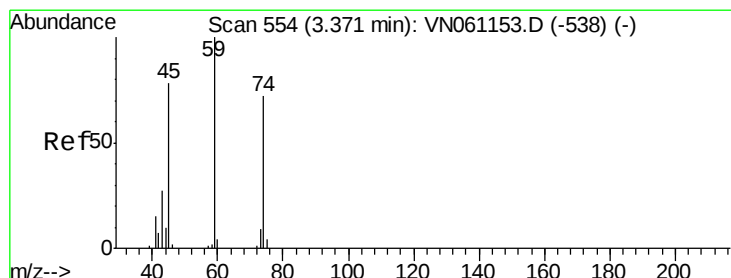
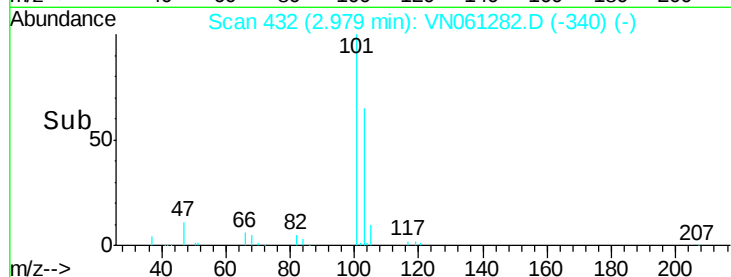
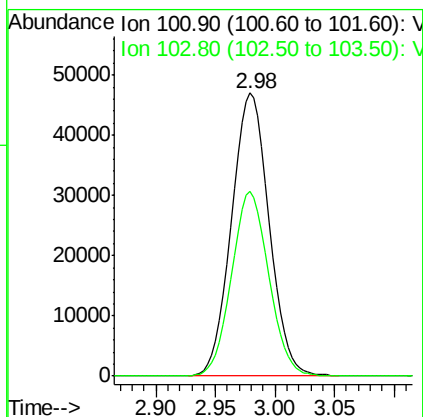
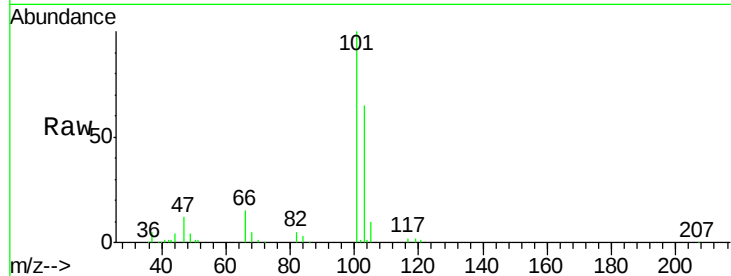
Trichlorofluoromethane
Concen: 57.596 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	50.6	76.0

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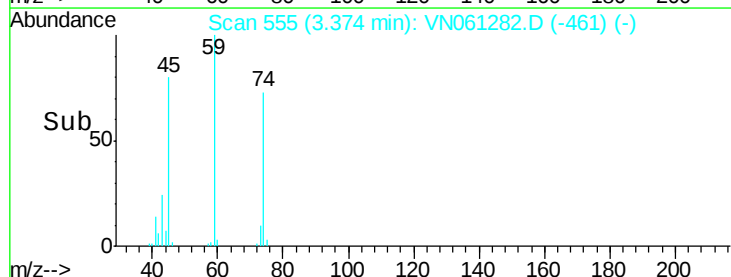
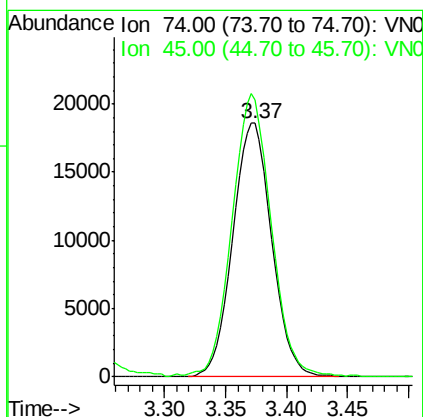
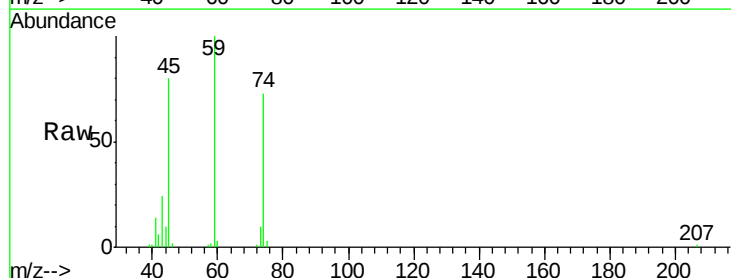
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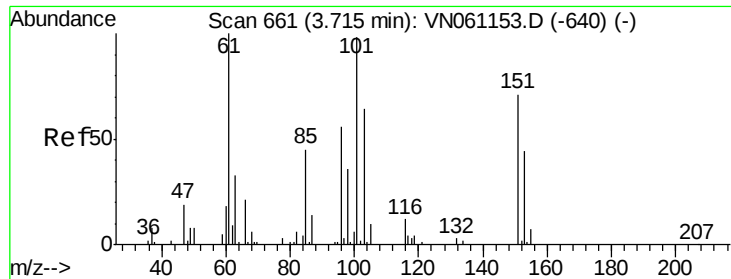


#8

Diethyl Ether
Concen: 55.135 ug/l
RT: 3.37 min Scan# 555
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.7	53.3	160.0





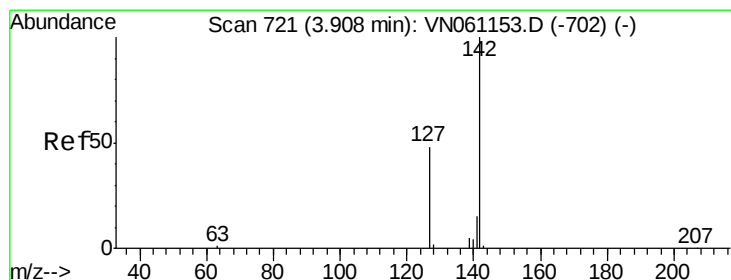
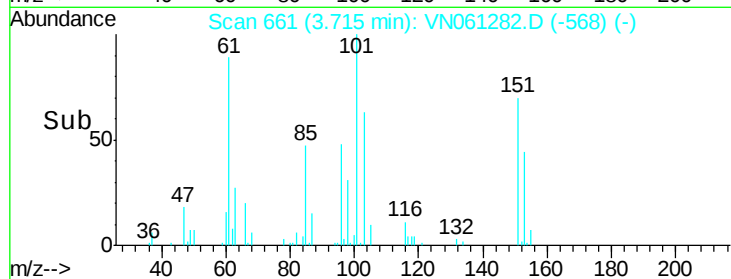
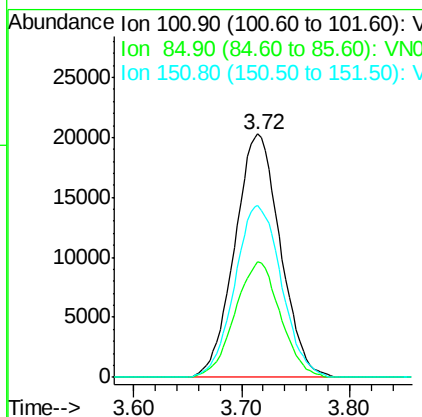
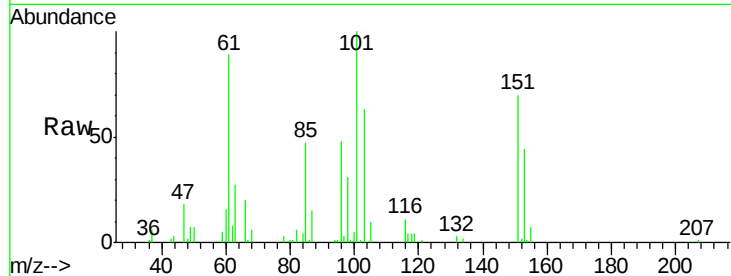
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.571 ug/l
RT: 3.72 min Scan# 661
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	59401		
85	47.2		37.2	55.8
151	72.4		57.7	86.5

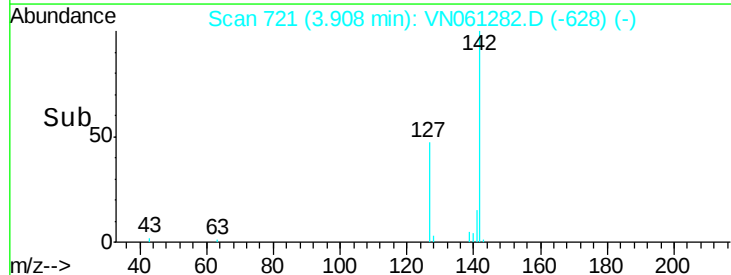
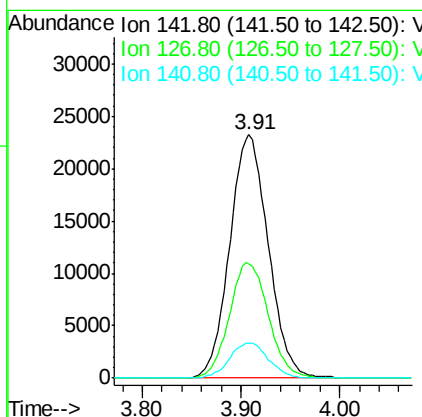
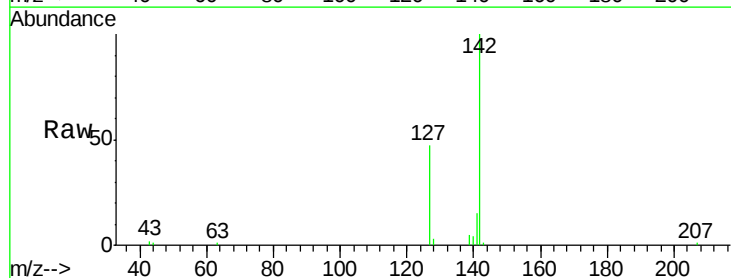
Manual Integrations
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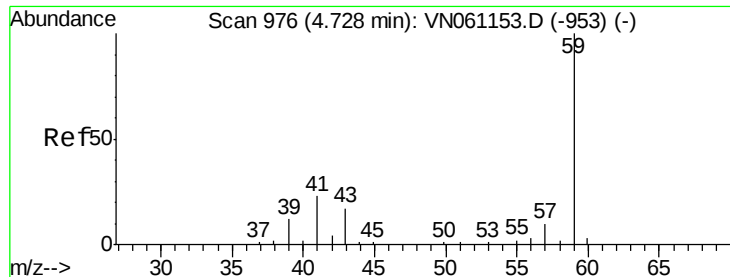
MMDadoda
5/5/2020 11:36:23 AM



#10
Methyl Iodide
Concen: 42.688 ug/l
RT: 3.91 min Scan# 721
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	63190		
127	47.8		38.0	57.0
141	14.4		11.7	17.5





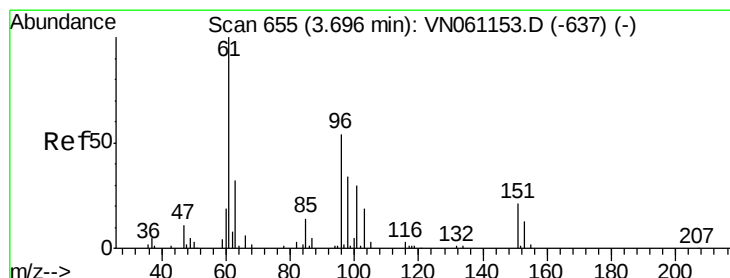
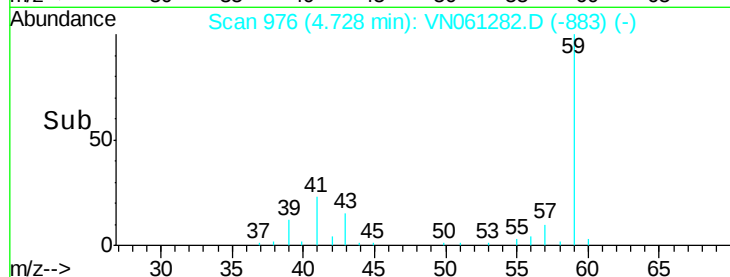
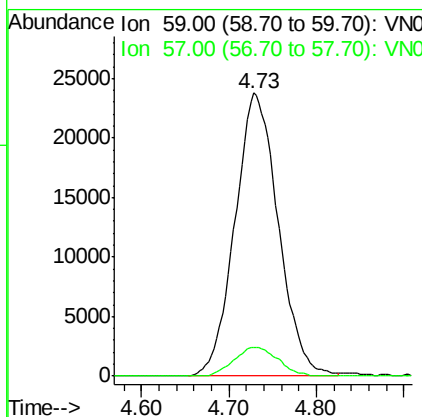
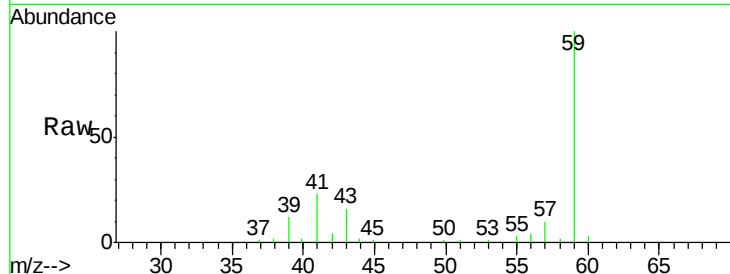
#11
Tert butyl alcohol
Concen: 355.306 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	81817
Ion Ratio	100	Lower	Upper
57	10.3	8.3	12.5

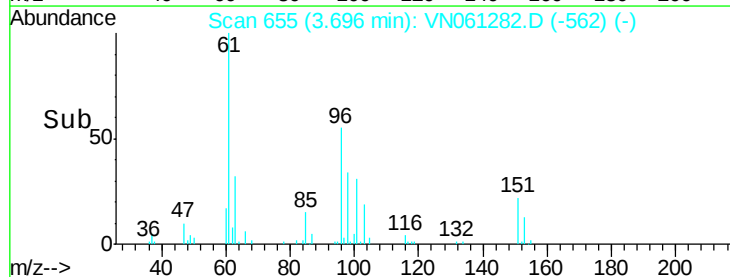
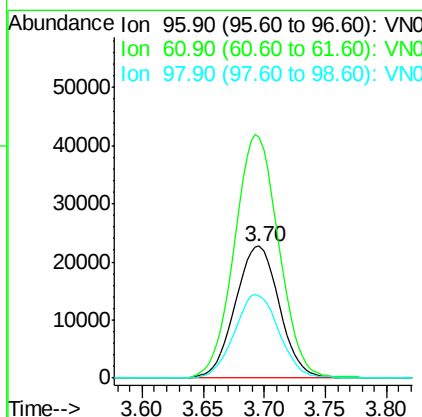
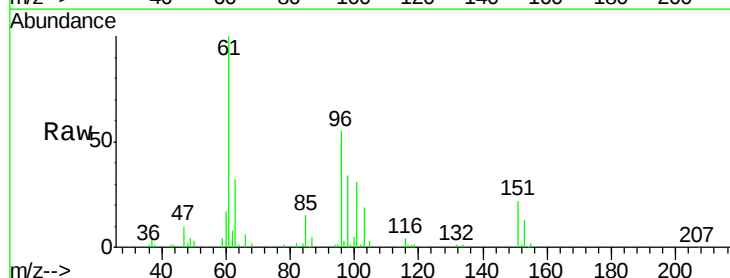
Manual Integrations
APPROVED

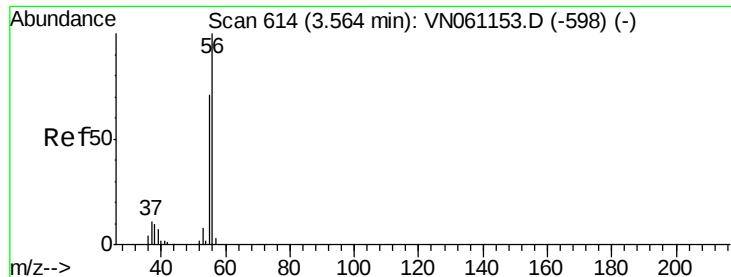
MMDadoda
5/5/2020 11:36:23 AM



#12
1,1-Dichloroethene
Concen: 49.761 ug/l
RT: 3.70 min Scan# 655
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	96	Resp	57037
Ion Ratio	100	Lower	Upper
61	182.2	147.0	220.6
98	62.1	49.8	74.6





#13

Acrolein

Concen: 323.322 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 49615

Ion Ratio Lower Upper

56 100

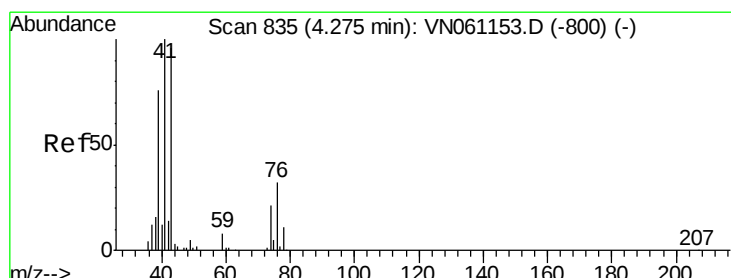
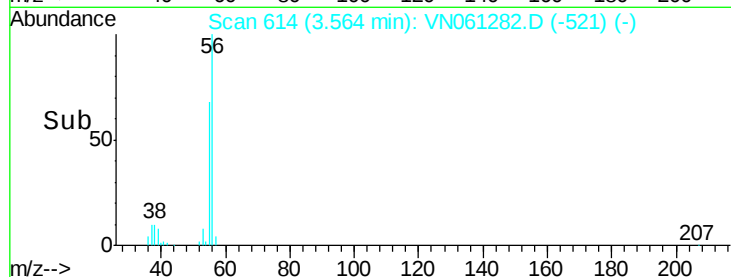
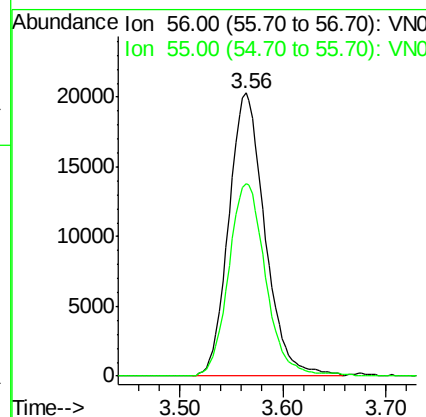
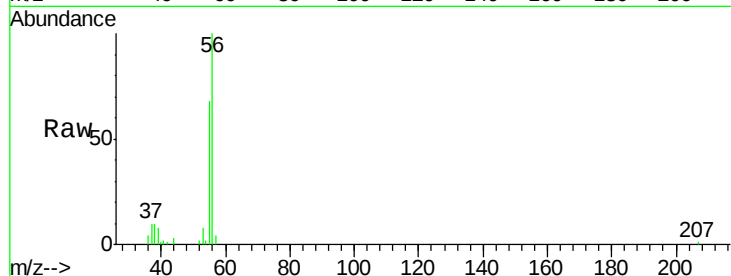
55 69.1 58.5 87.7

Manual Integrations

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#14

Allyl chloride

Concen: 59.350 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

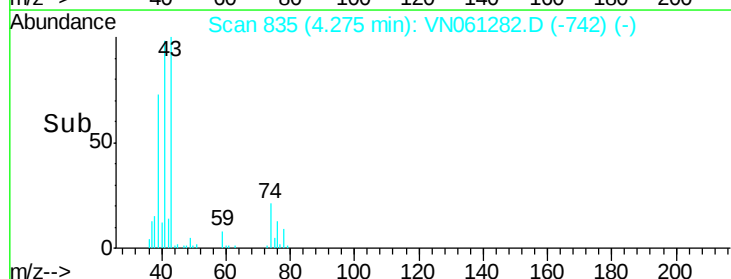
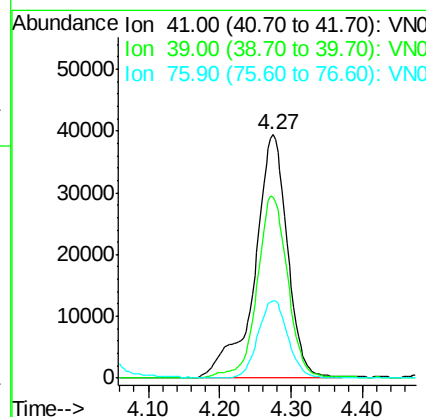
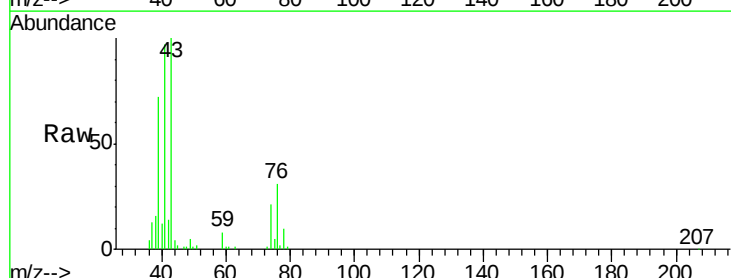
Tgt Ion: 41 Resp: 126137

Ion Ratio Lower Upper

41 100

39 69.2 57.1 85.7

76 28.7 24.3 36.5





#15

Acrylonitrile

Concen: 308.215 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

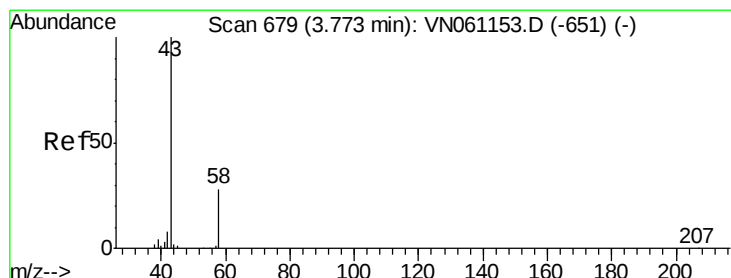
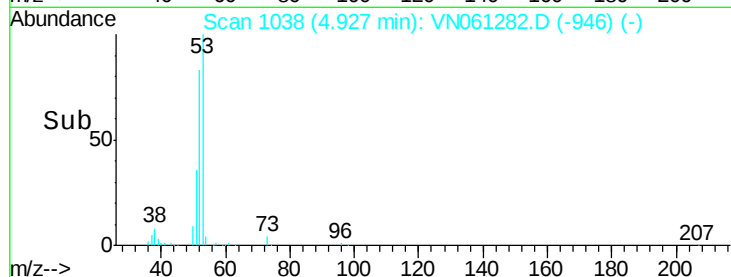
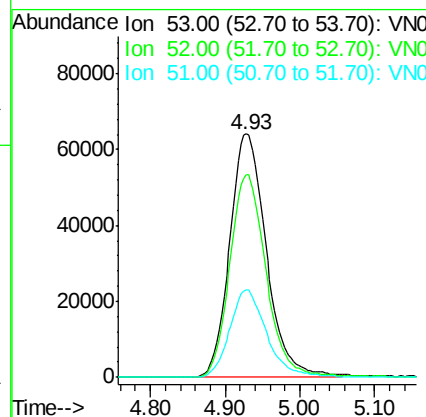
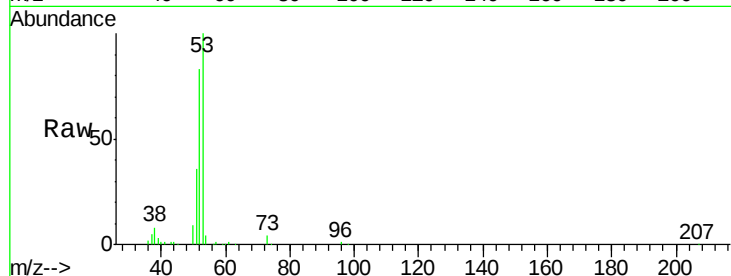
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	217869
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.4	98.0
51	36.2	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 302.332 ug/l

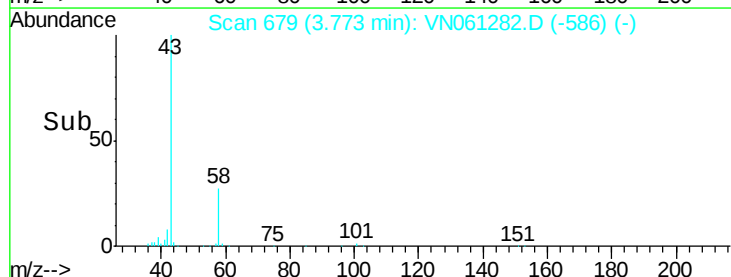
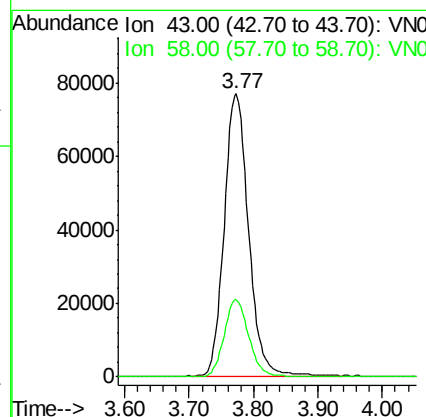
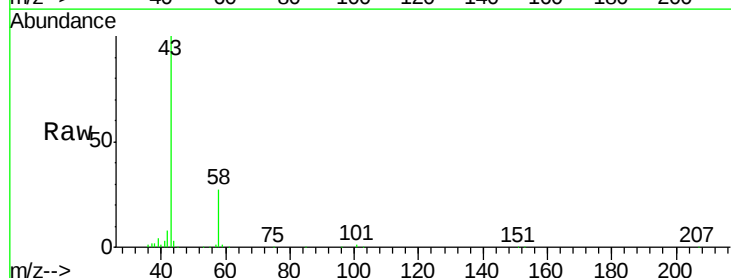
RT: 3.77 min Scan# 679

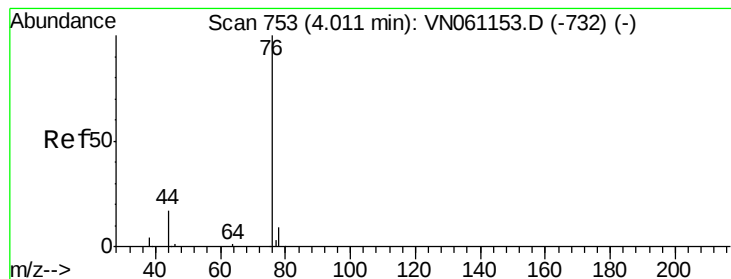
Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Tgt Ion:	43	Resp:	200226
Ion Ratio	Lower	Upper	
43	100		
58	27.4	22.2	33.2





#17

Carbon Disulfide

Concen: 40.809 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 129213

Ion Ratio Lower Upper

76 100

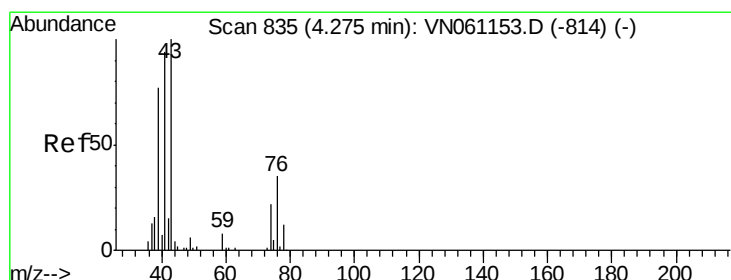
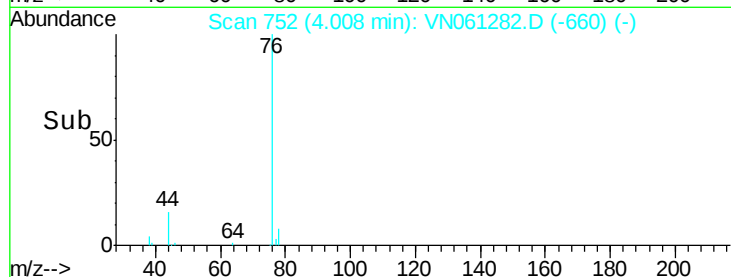
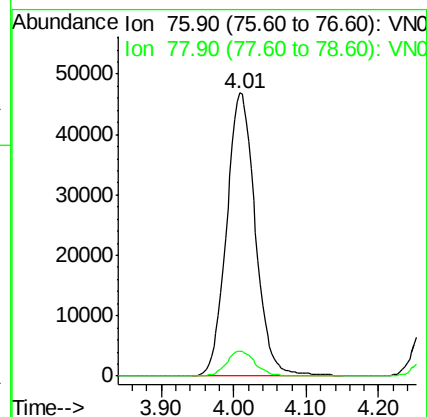
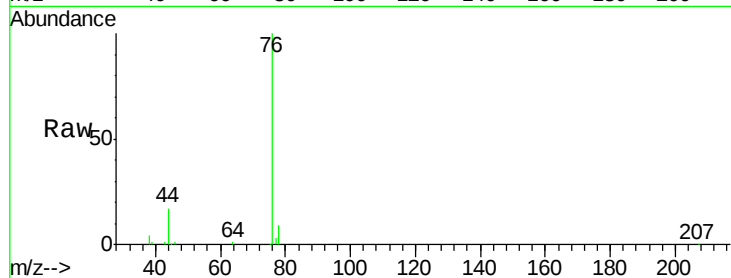
78 8.9 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 53.155 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061282.D

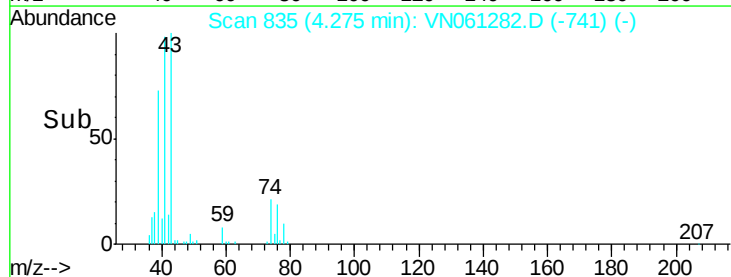
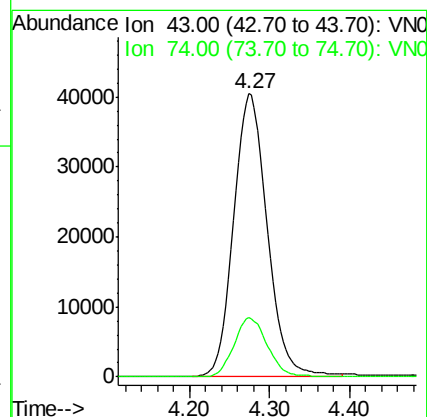
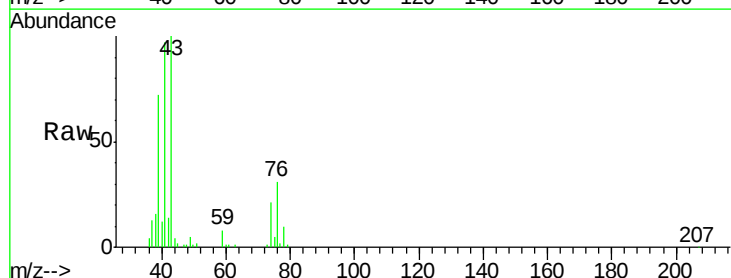
Acq: 4 May 2020 16:49

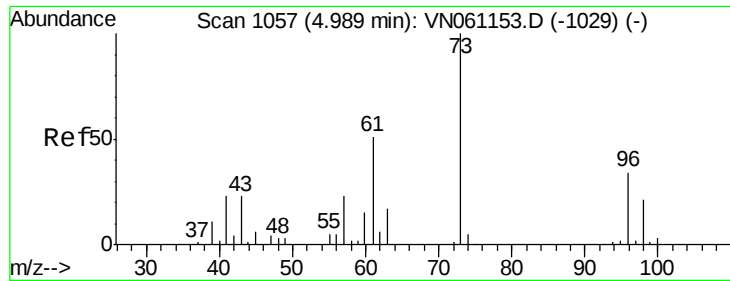
Tgt Ion: 43 Resp: 115436

Ion Ratio Lower Upper

43 100

74 20.5 17.0 25.4





#19

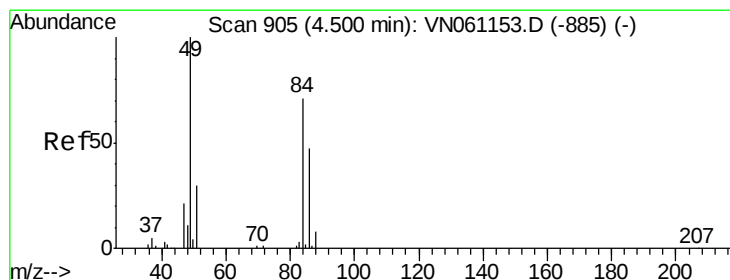
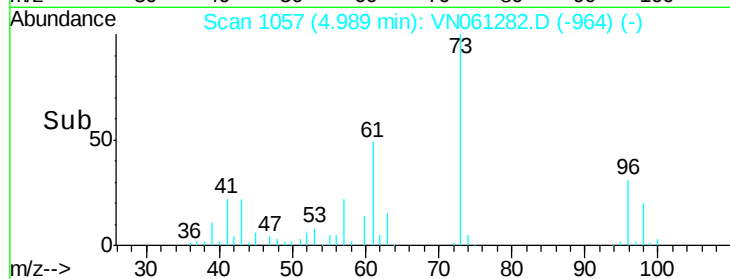
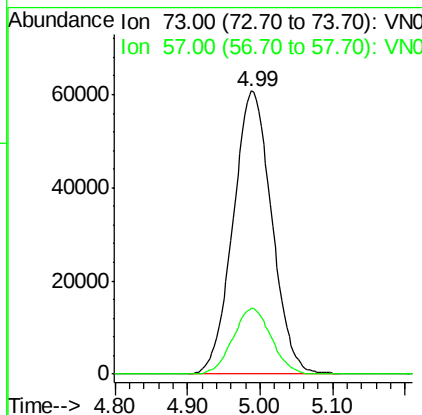
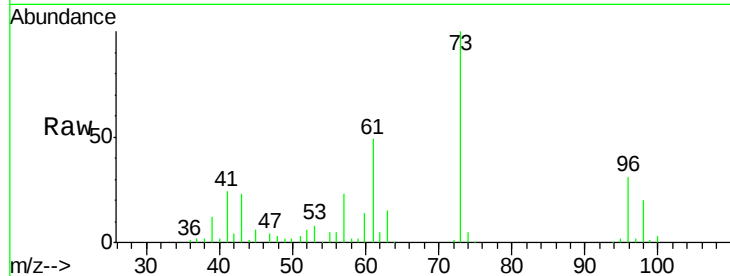
Methyl tert-butyl Ether
 Concen: 51.403 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 73 Resp: 225136
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.3 27.5

Manual Integrations
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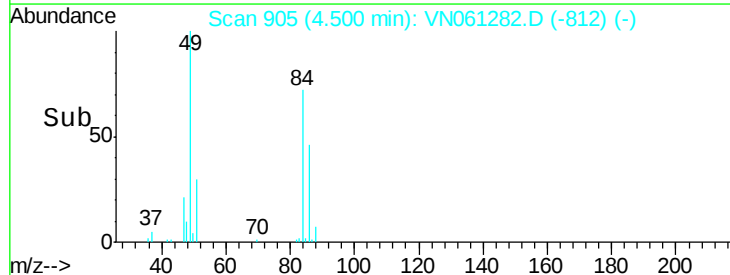
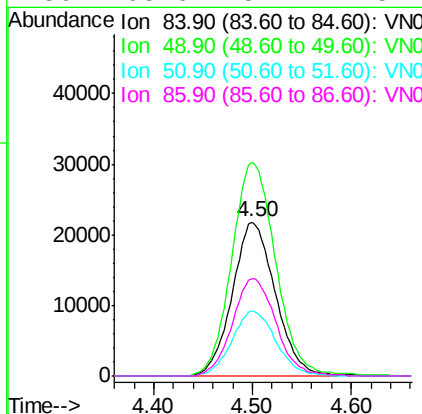
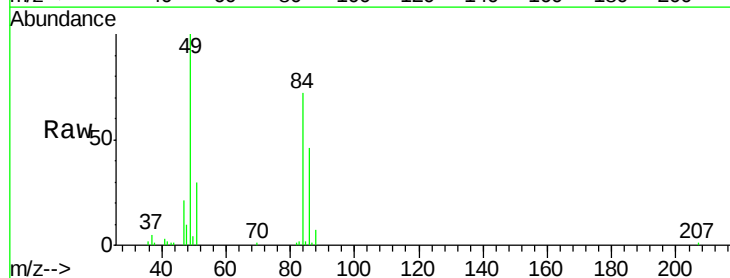
MMDadoda
 5/5/2020 11:36:23 AM

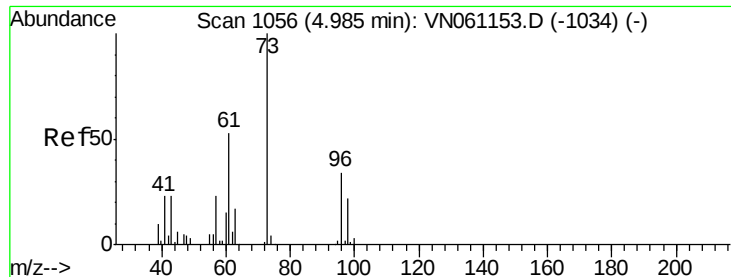


#20

Methylene Chloride
 Concen: 49.252 ug/l
 RT: 4.50 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 84 Resp: 66017
 Ion Ratio Lower Upper
 84 100
 49 139.0 112.0 168.0
 51 42.4 33.6 50.4
 86 63.6 52.1 78.1





#21

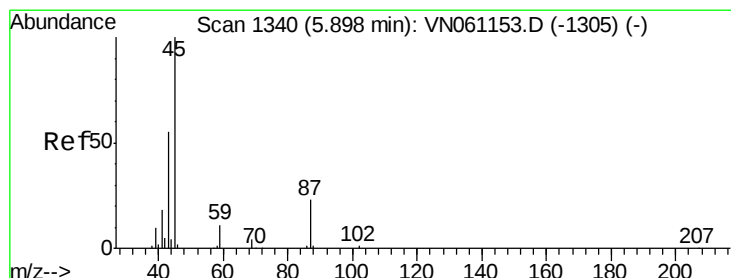
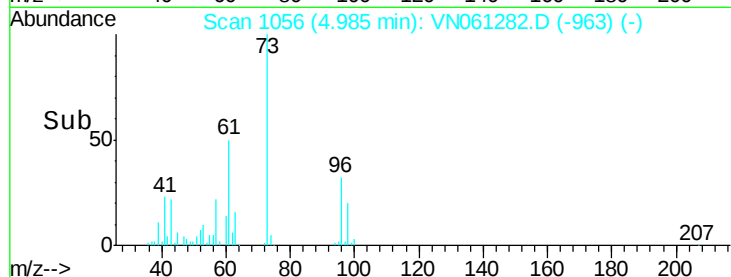
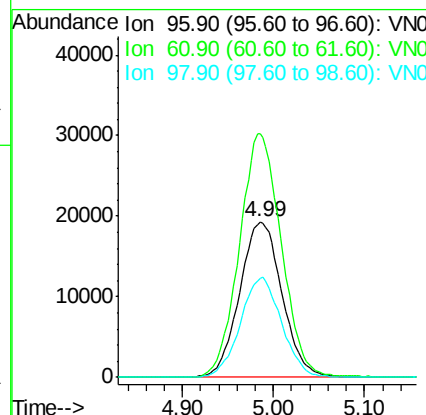
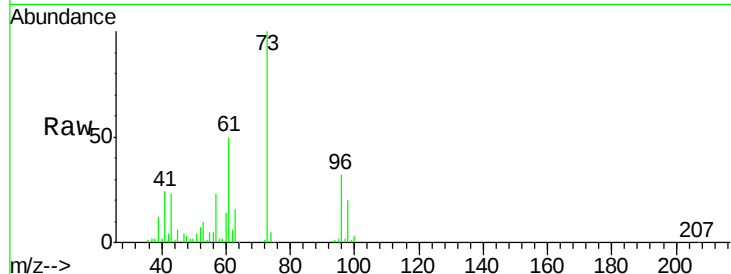
trans-1,2-Dichloroethene
Concen: 49.916 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	123.0	184.4
98	63.5	50.1	75.1

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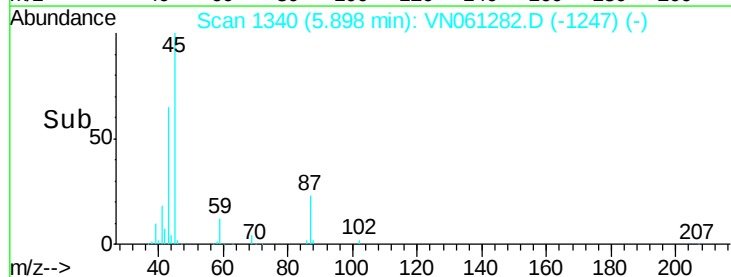
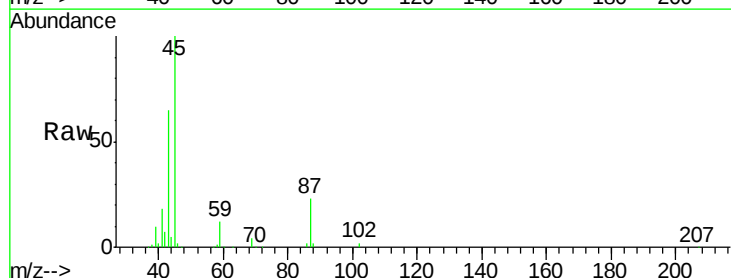
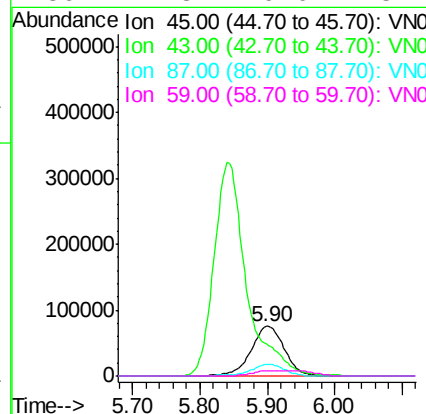
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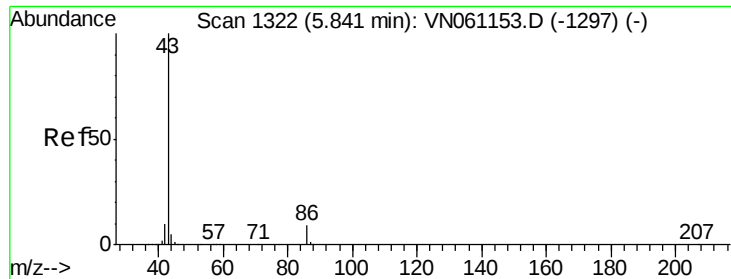


#22

Diisopropyl ether
Concen: 52.598 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.0	47.9	71.9
87	23.0	19.2	28.8
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 275.111 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1091707

Ion Ratio Lower Upper

43 100

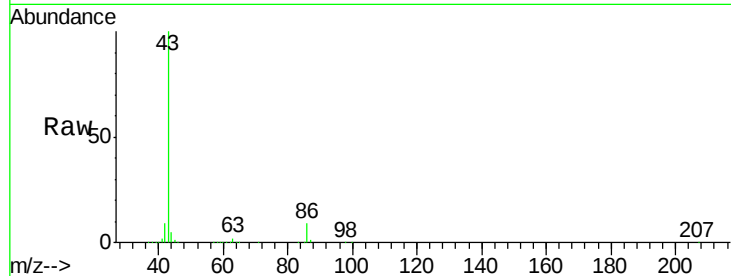
86 8.9 7.2 10.8

Manual Integrations

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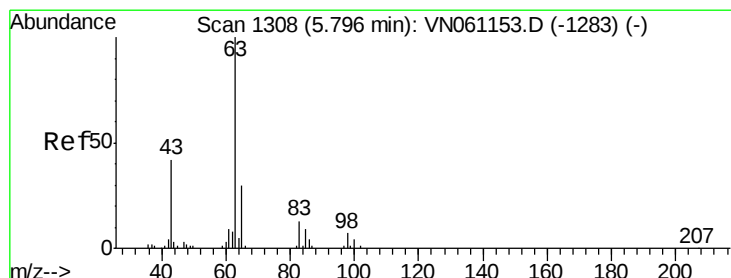
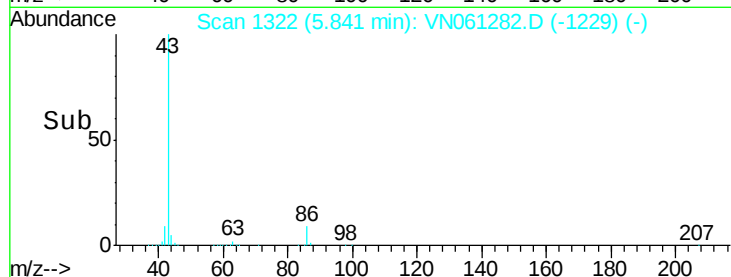
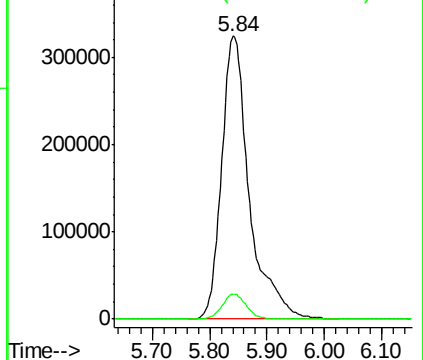
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.737 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

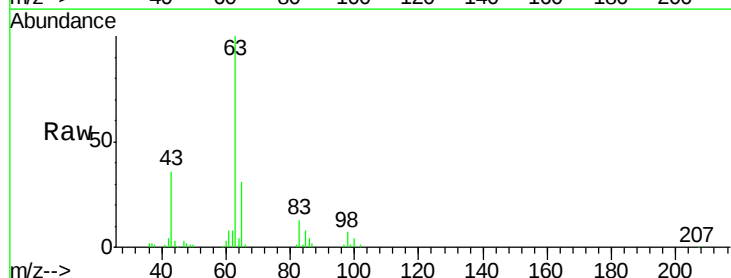
Tgt Ion: 63 Resp: 130648

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

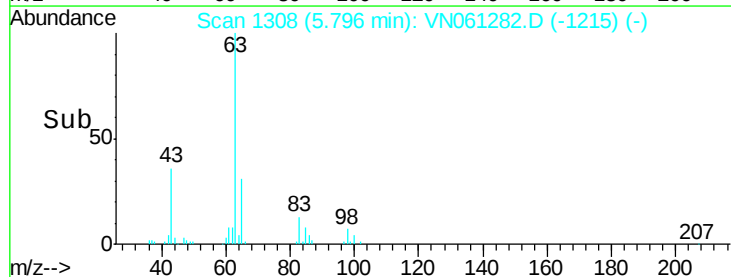
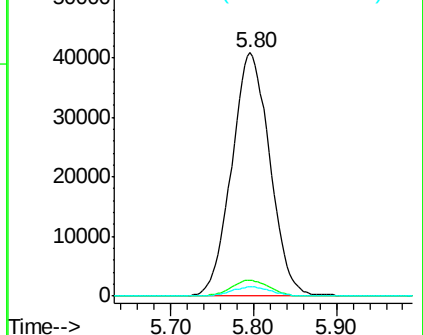
100 3.9 1.9 5.7

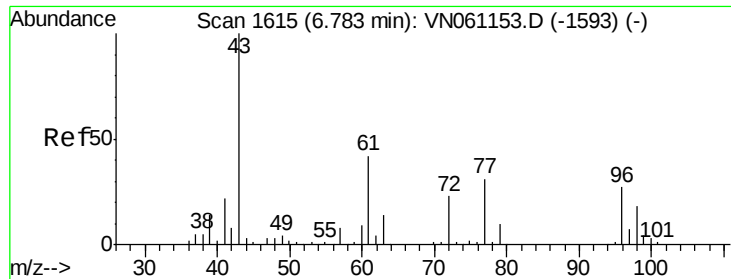


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





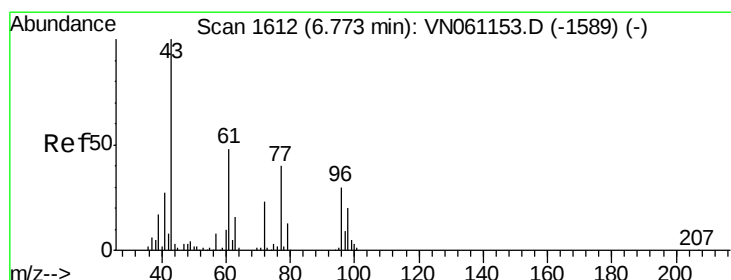
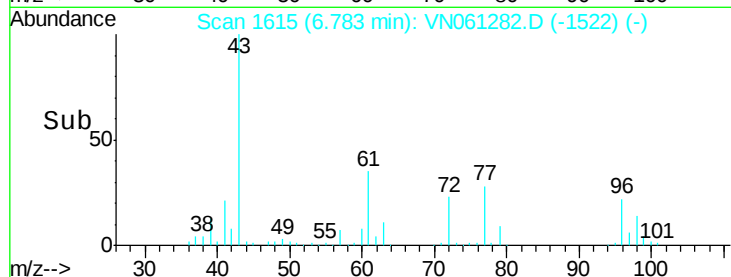
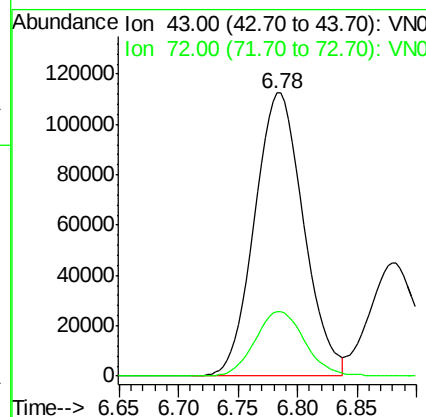
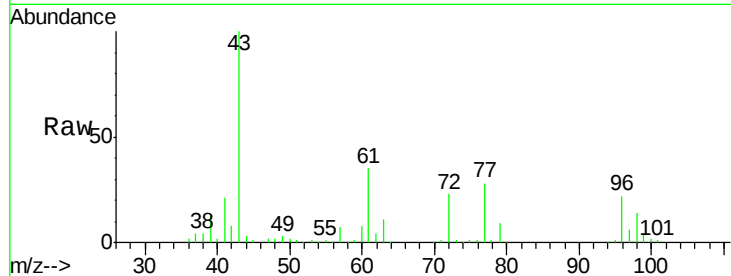
#25
2-Butanone
Concen: 316.238 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 321671
Ion Ratio Lower Upper
43 100
72 22.9 18.2 27.4

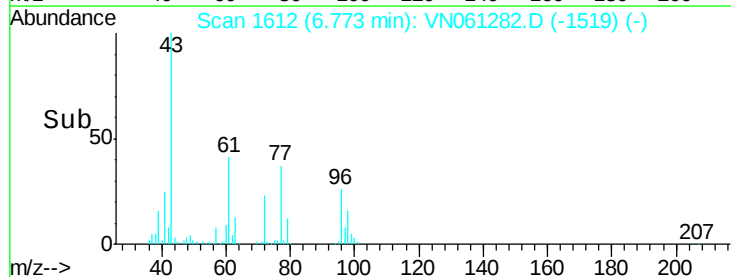
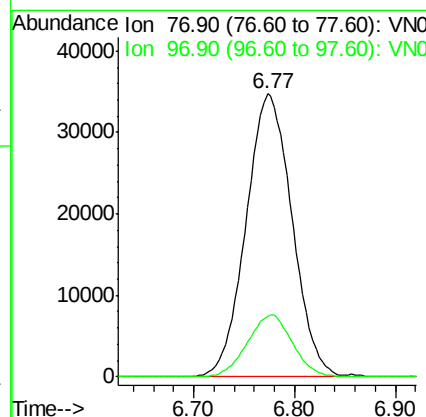
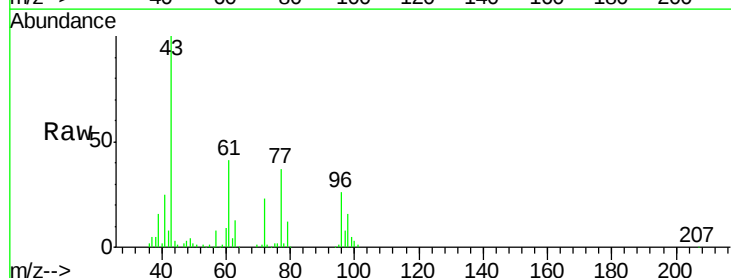
Manual Integrations
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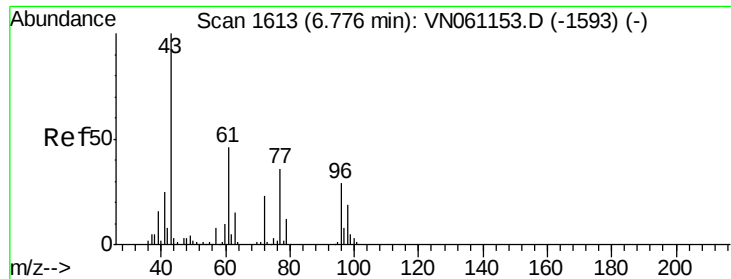
MMDadoda
5/5/2020 11:36:23 AM



#26
2,2-Dichloropropane
Concen: 50.714 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 77 Resp: 109993
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





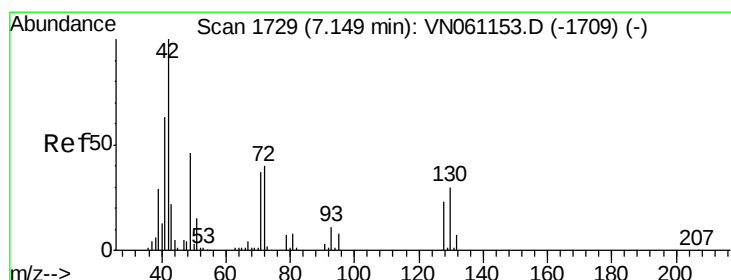
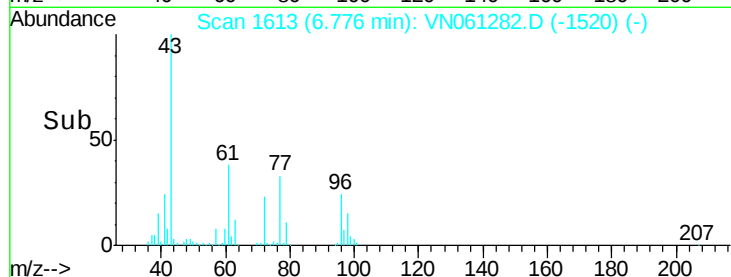
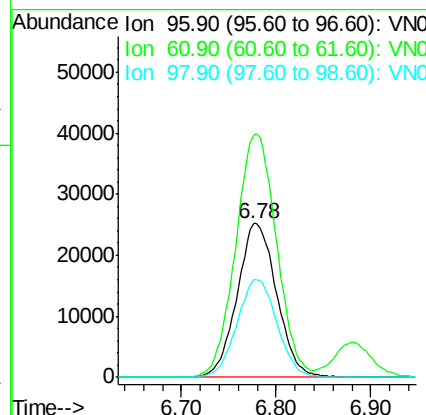
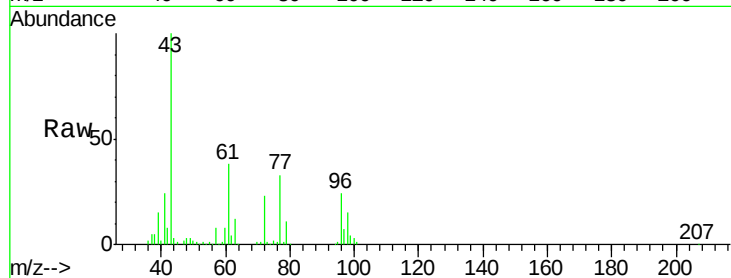
#27
 cis-1,2-Dichloroethene
 Concen: 50.064 ug/l
 RT: 6.78 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.0	0.0	322.0
98	64.3	0.0	129.6

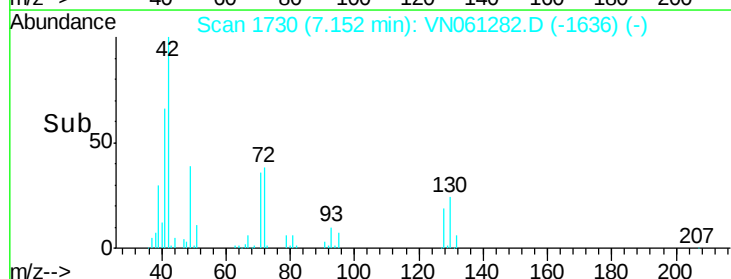
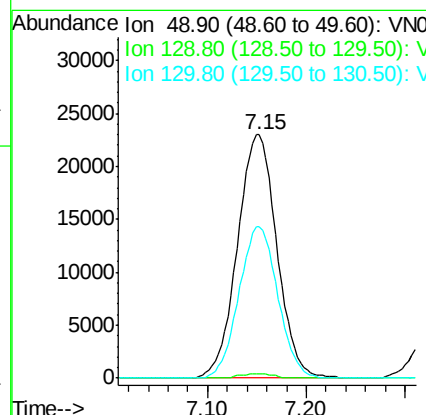
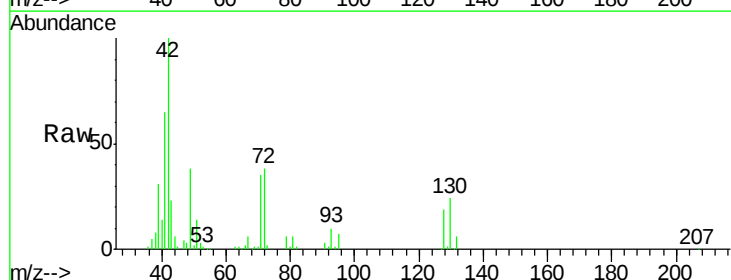
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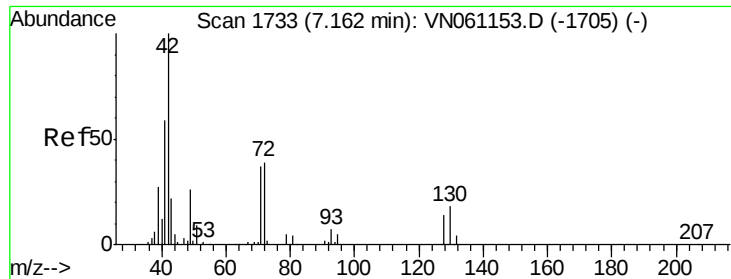
MMDadoda
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#28
 Bromochloromethane
 Concen: 52.034 ug/l
 RT: 7.15 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.0
130	61.1	51.4	77.2





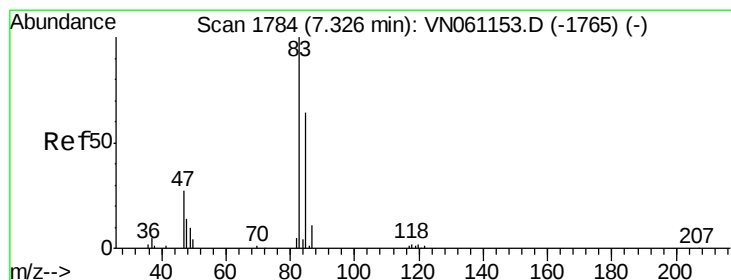
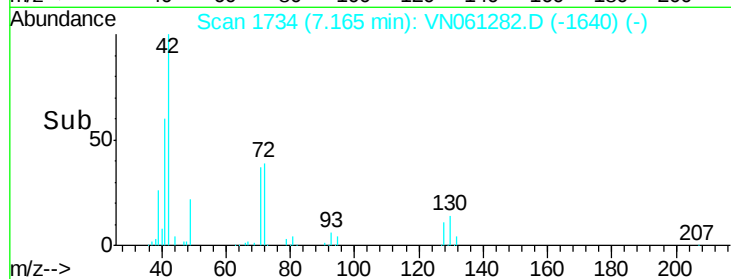
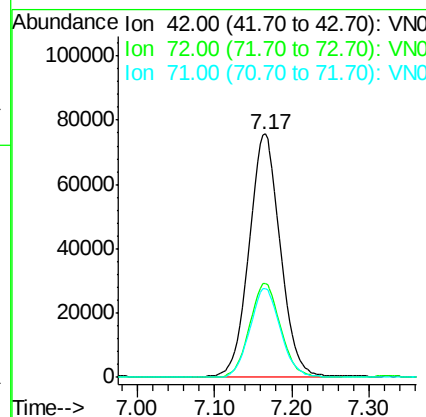
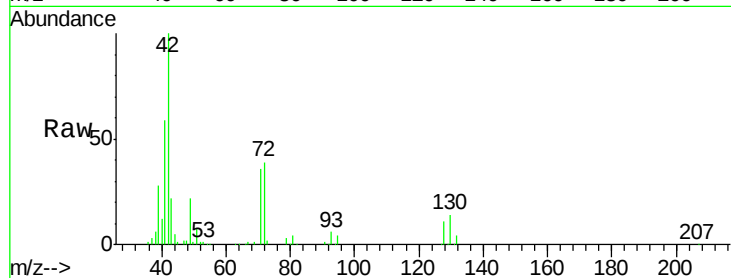
#29
Tetrahydrofuran
Concen: 312.981 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	31.4	47.0
71	35.8	29.5	44.3

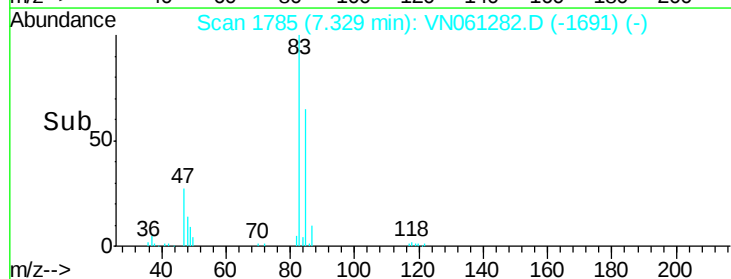
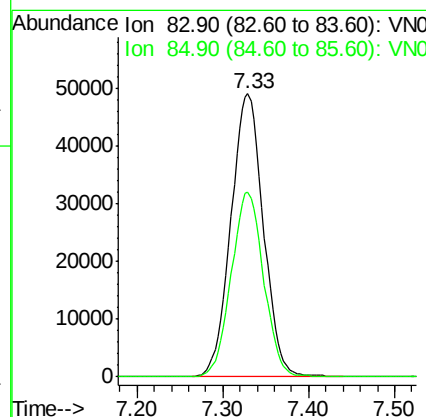
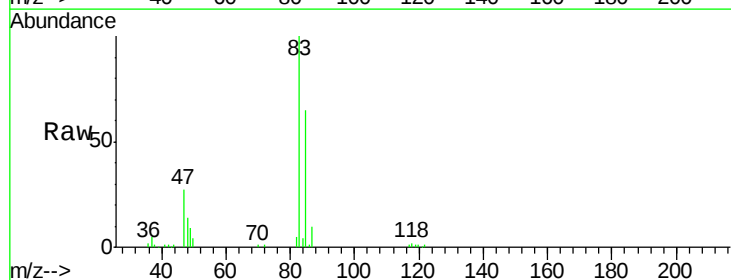
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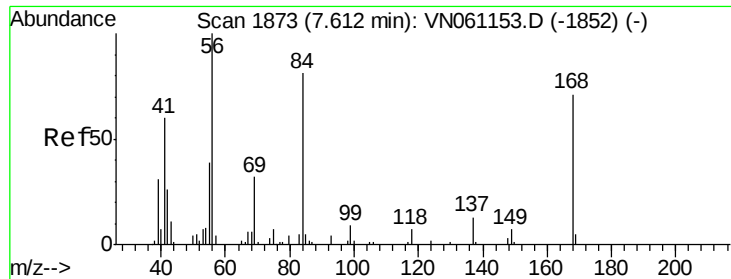
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#30
Chloroform
Concen: 49.245 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.1	76.7





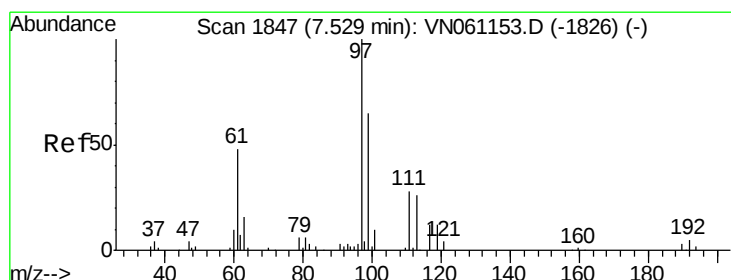
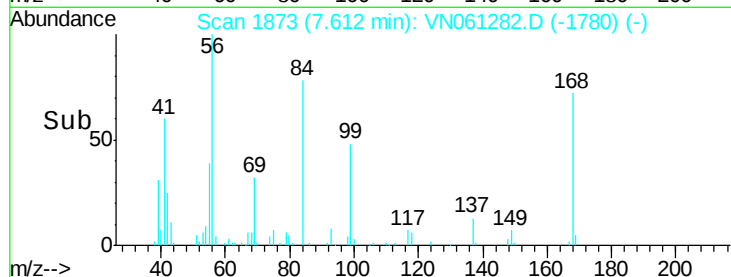
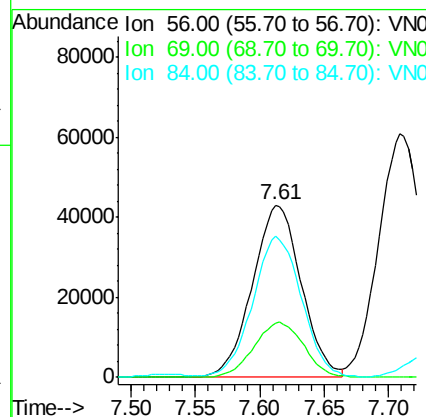
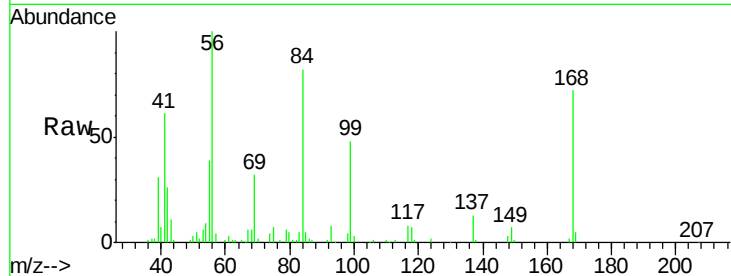
#31
Cyclohexane
Concen: 45.394 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.7	38.5
84	80.9	64.6	97.0

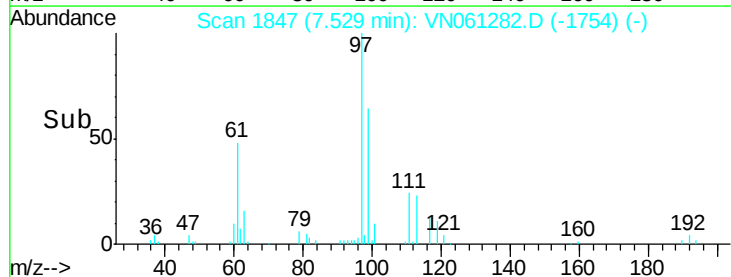
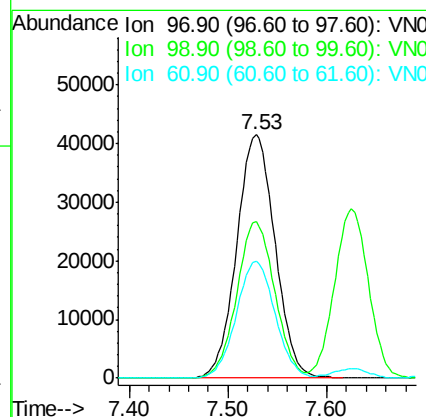
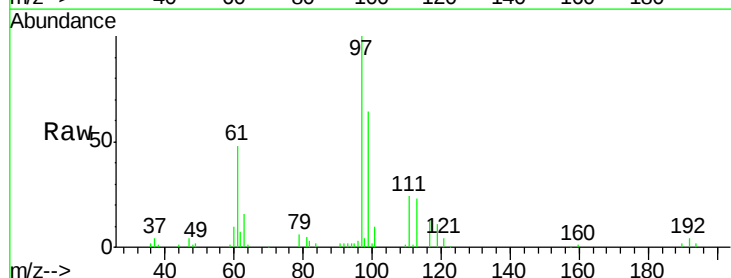
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#32
1,1,1-Trichloroethane
Concen: 49.243 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	48.5	38.6	57.8





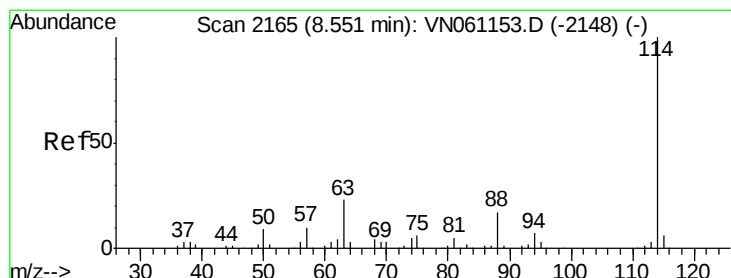
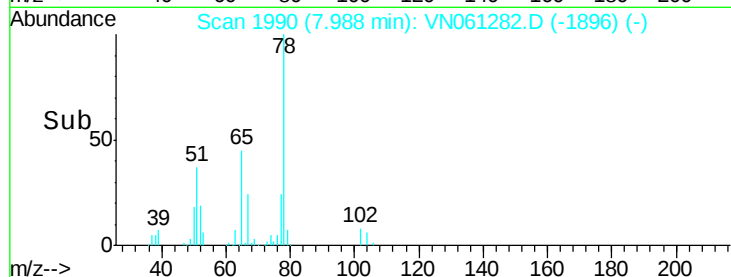
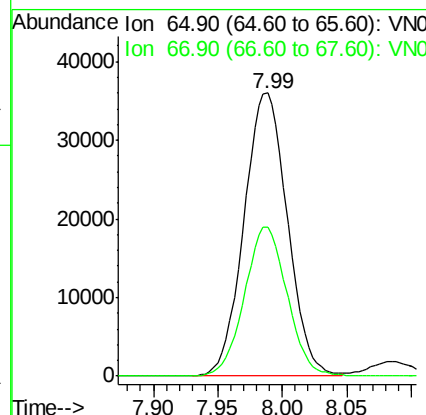
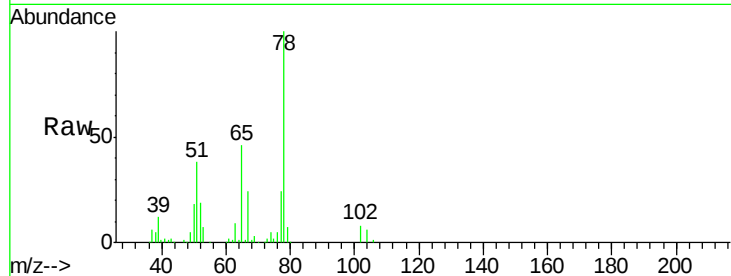
#33
 1,2-Dichloroethane-d4
 Concen: 49.219 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 84607
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.6

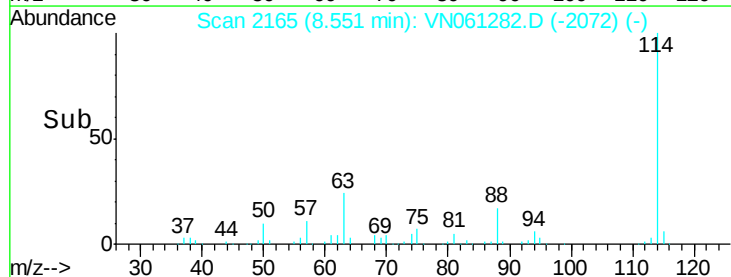
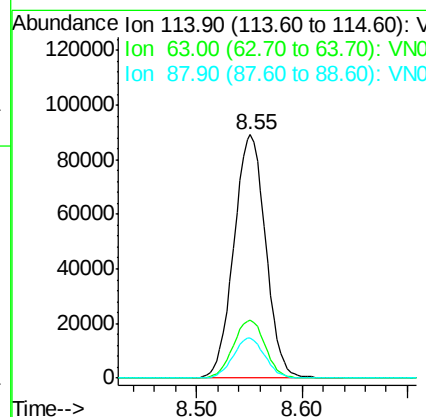
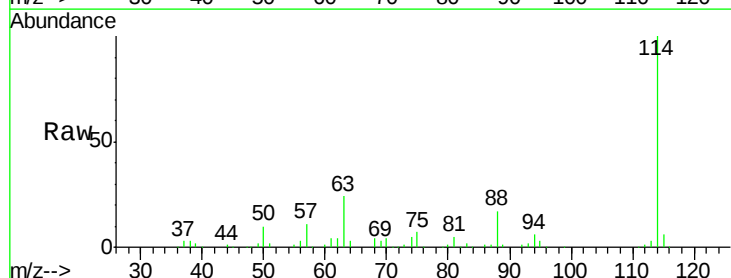
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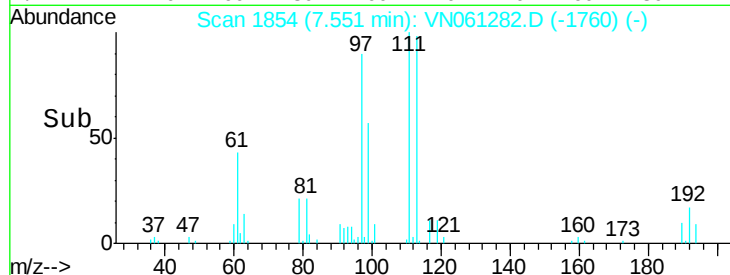
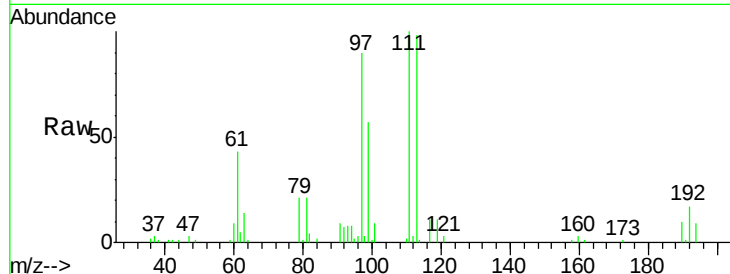
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 114 Resp: 185891
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.5 0.0 33.4





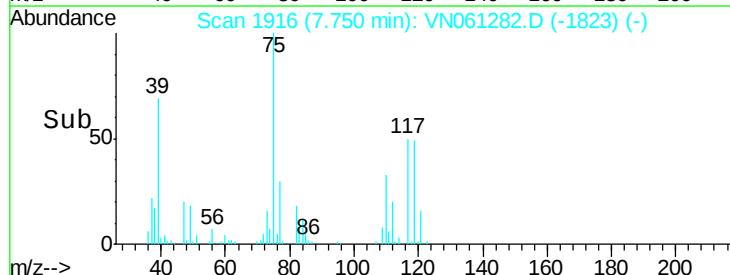
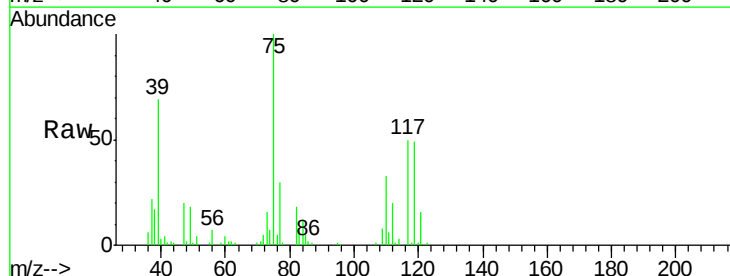
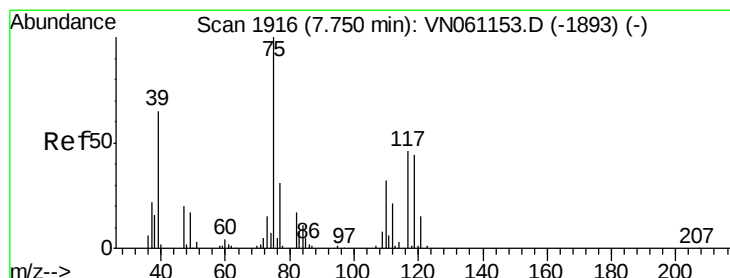
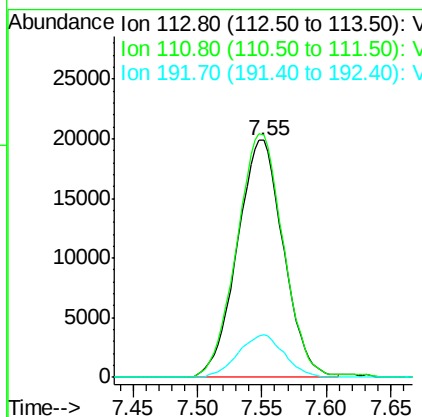
#35
Dibromofluoromethane
Concen: 45.154 ug/l
RT: 7.55 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tot Ion	Ratio	Resp	Lower	Upper
113	100	49634		
111	103.3	82.9	124.3	
192	17.8	14.7	22.1	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

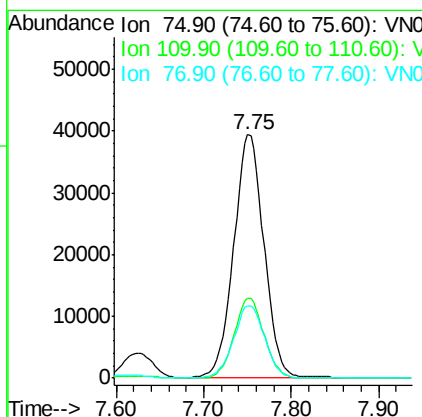
Manual Integrations
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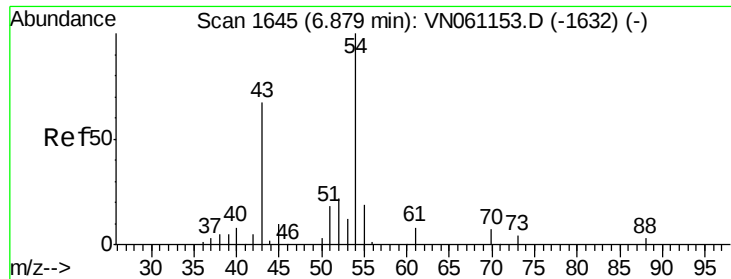
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#36
1,1-Dichloropropene
Concen: 51.014 ug/l
RT: 7.75 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	94930		
110	32.2	16.0	48.0	
77	30.4	24.6	37.0	





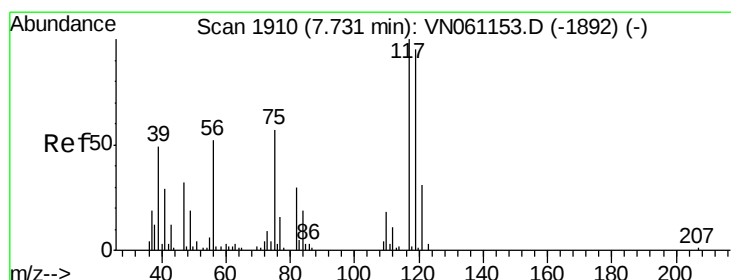
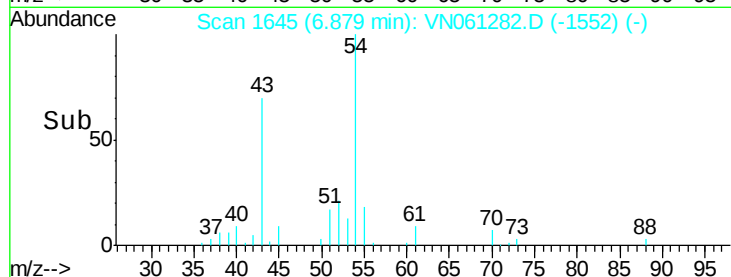
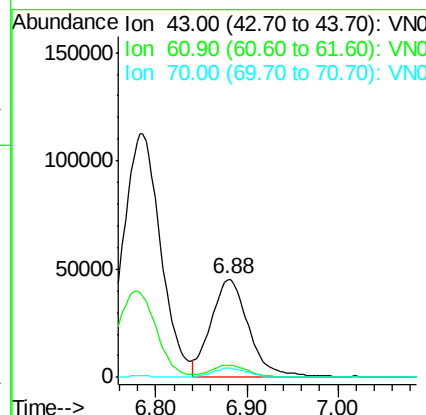
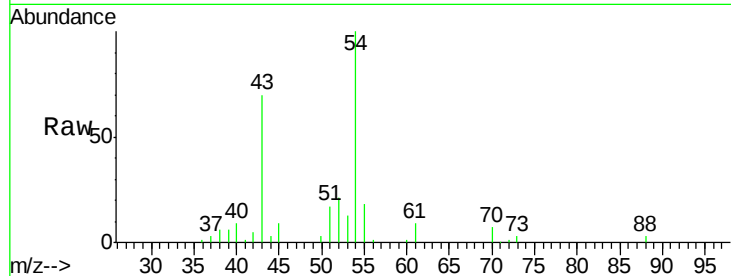
#37
Ethyl Acetate
Concen: 58.838 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.2
70	8.9	7.2	10.8

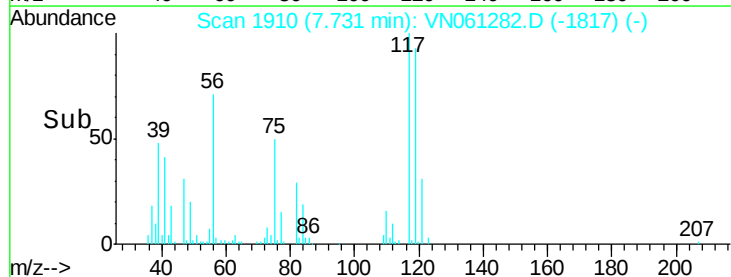
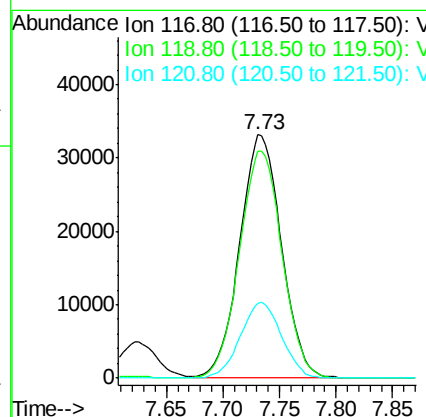
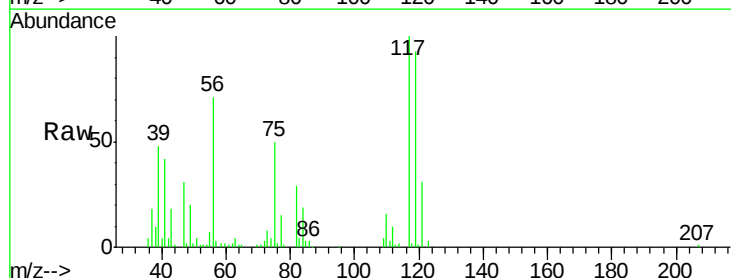
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#38
Carbon Tetrachloride
Concen: 50.145 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.8	113.6
121	30.8	24.7	37.1





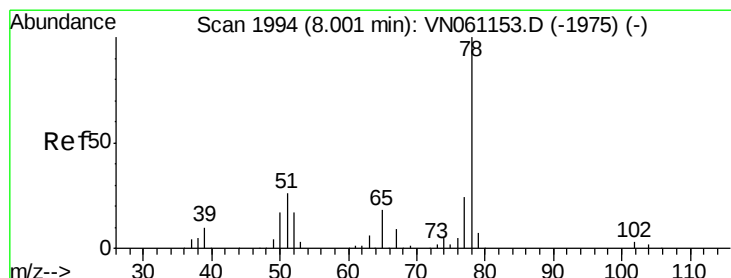
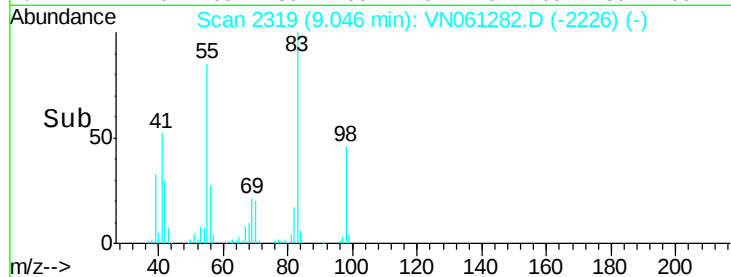
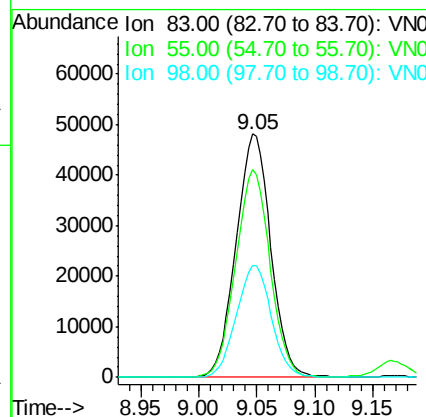
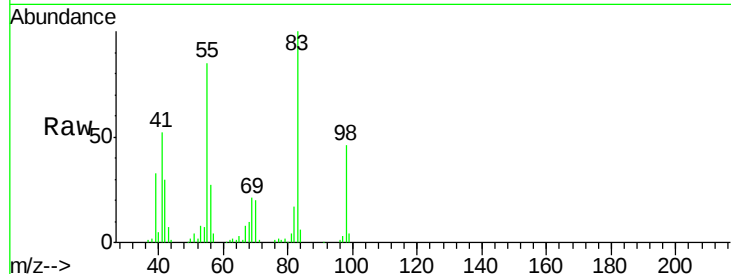
#39
Methvlcvclohexane
Concen: 47.899 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.4	67.3	100.9
98	45.8	37.7	56.5

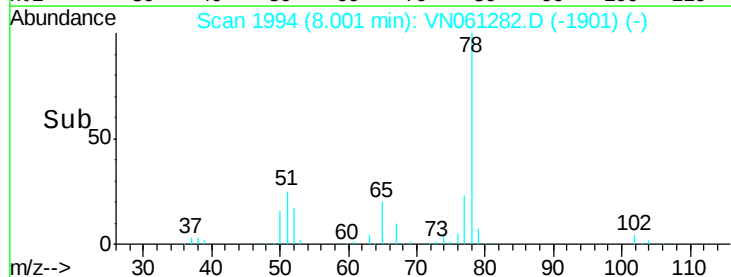
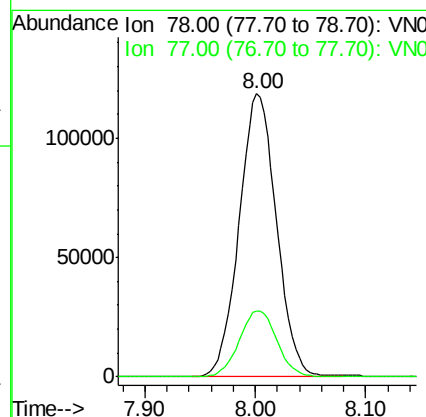
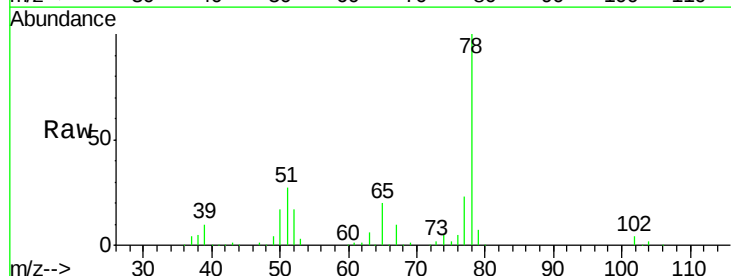
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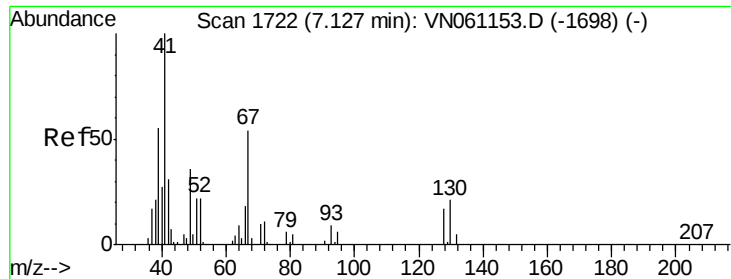
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#40
Benzene
Concen: 50.112 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





#41

Methacrylonitrile

Concen: 59.306 ug/l m

RT: 7.12 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 41 Resp: 53718

Ion Ratio Lower Upper

41 100

39 178.3 0.0 0.0#

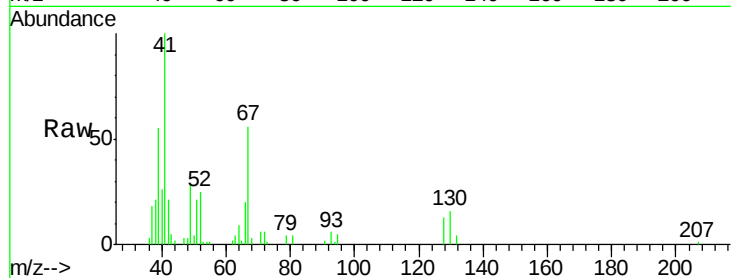
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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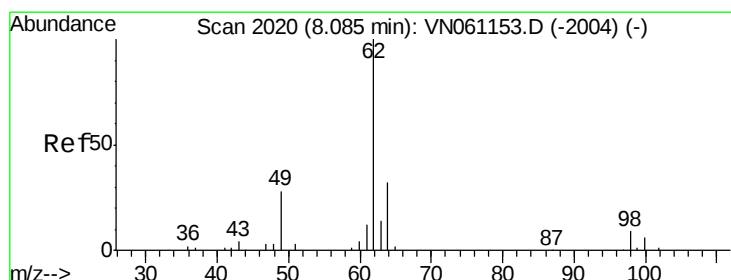
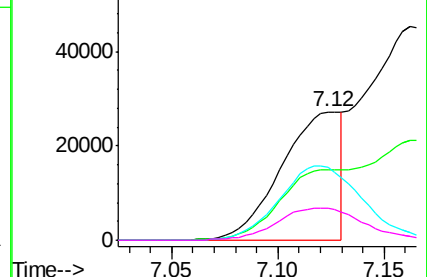
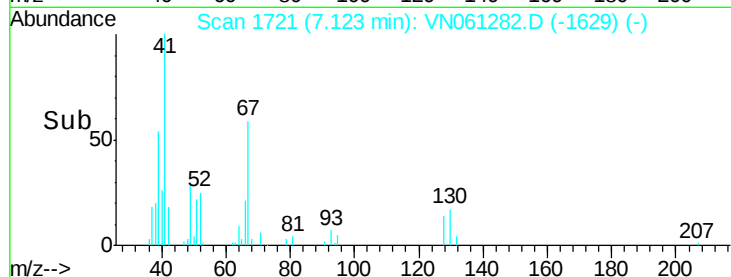


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 51.981 ug/l

RT: 8.08 min Scan# 2020

Delta R.T. 0.00 min

Lab File: VN061282.D

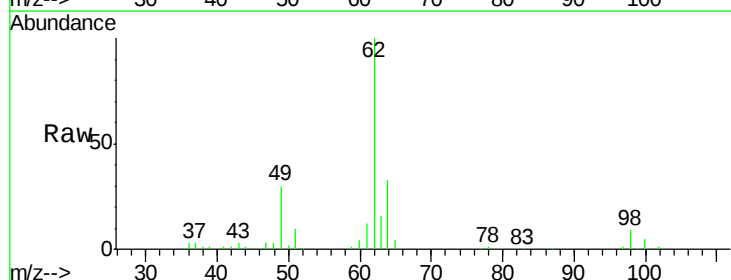
Acq: 4 May 2020 16:49

Tgt Ion: 62 Resp: 109173

Ion Ratio Lower Upper

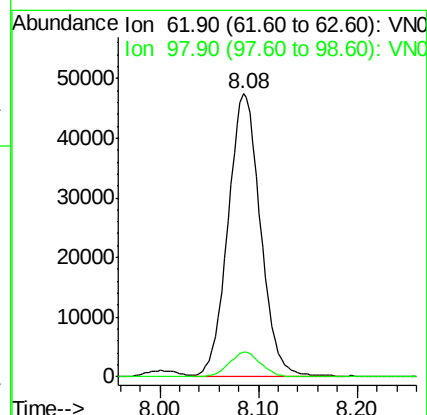
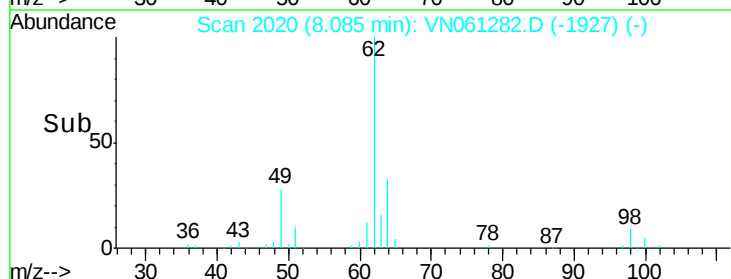
62 100

98 8.3 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 57.047 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

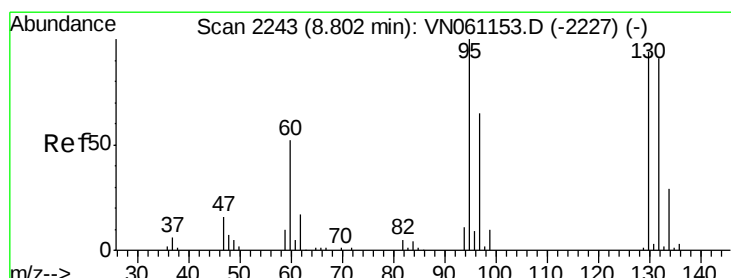
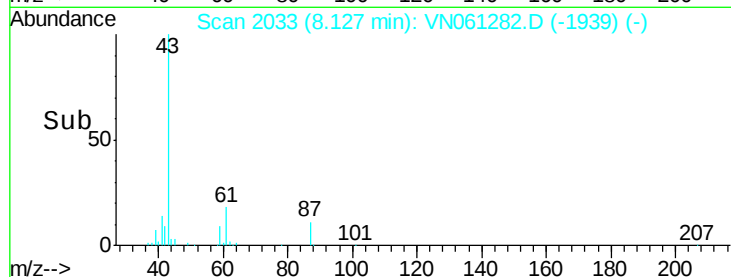
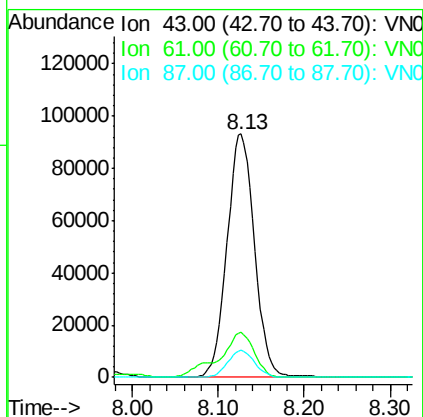
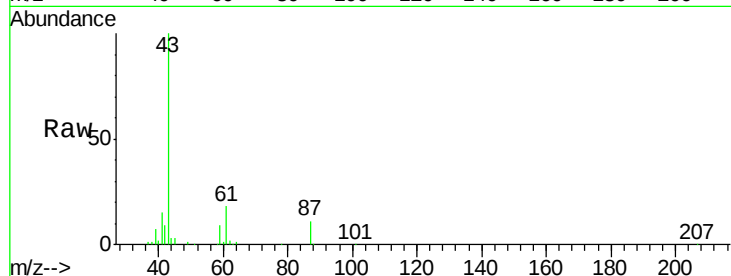
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	206538
Ion	Ratio	Lower	Upper
43	100		
61	23.8	19.5	29.3
87	10.9	8.9	13.3

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#44

Trichloroethene

Concen: 47.287 ug/l

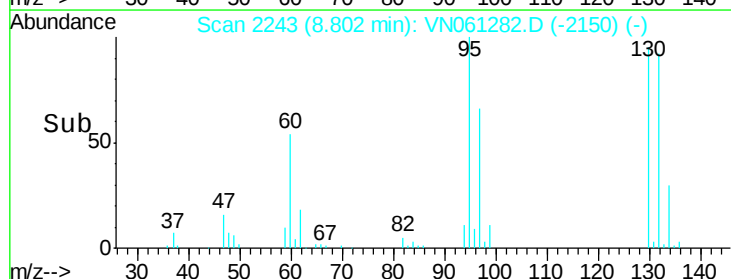
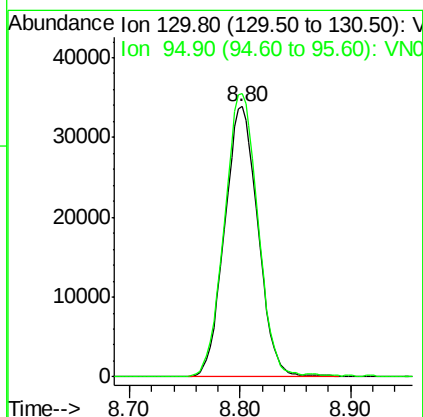
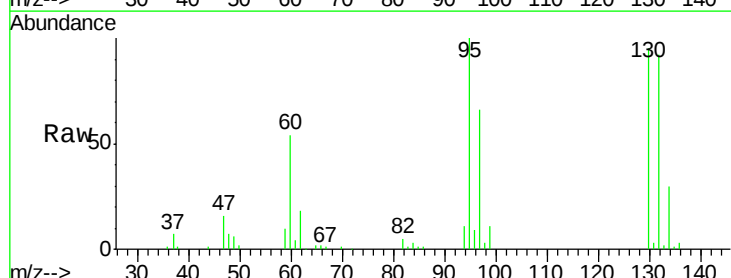
RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Tgt Ion:	130	Resp:	70869
Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	212.4





#45

1,2-Dichloropropane

Concen: 51.130 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 75730

Ion Ratio Lower Upper

63 100

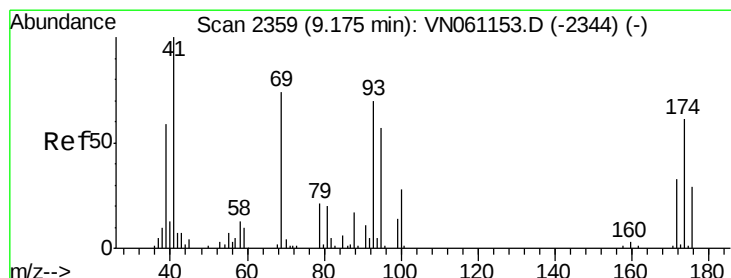
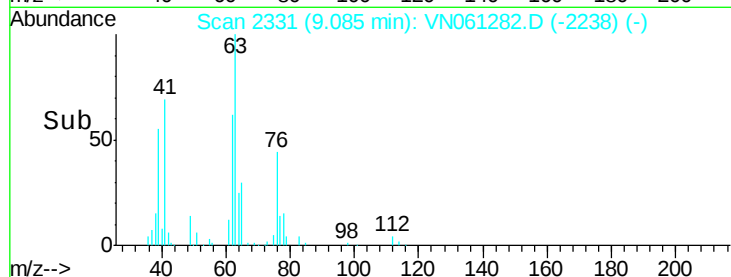
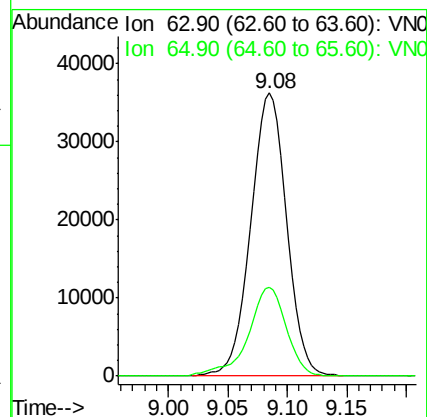
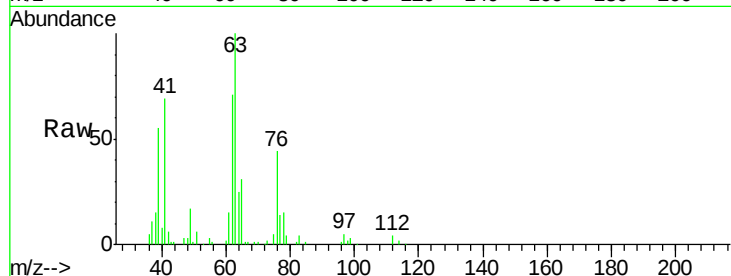
65 31.3 24.7 37.1

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#46

Dibromomethane

Concen: 52.041 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

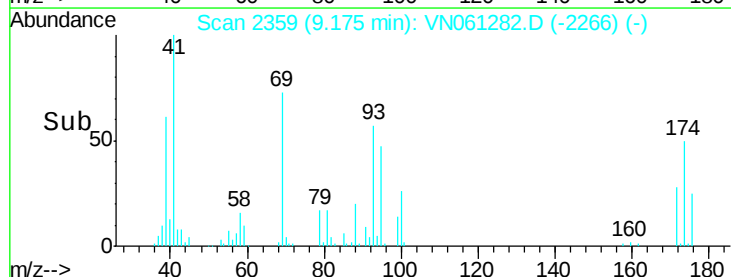
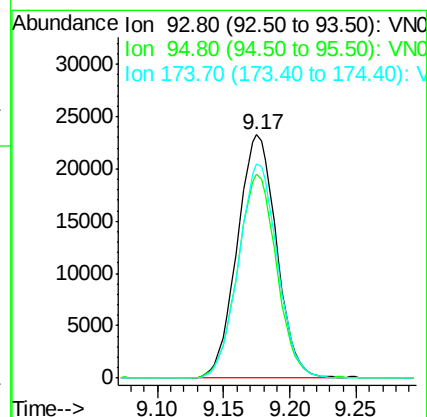
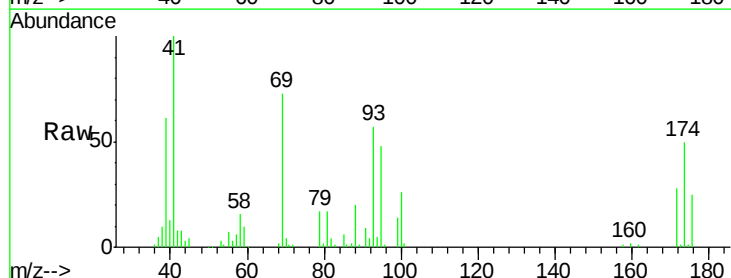
Tgt Ion: 93 Resp: 47725

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 87.2 70.2 105.2





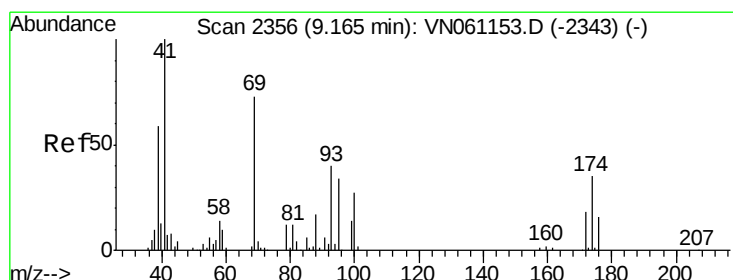
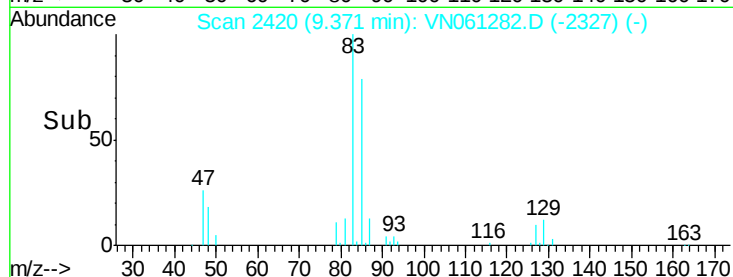
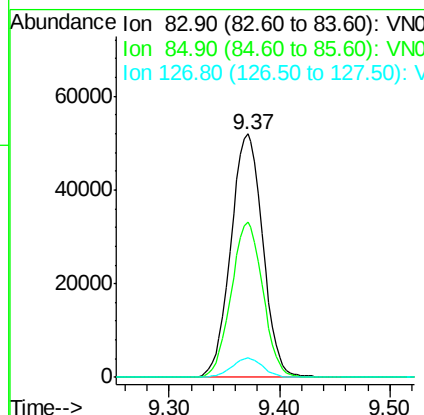
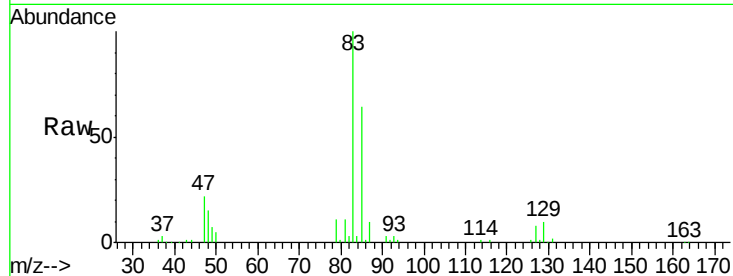
#47
Bromodichloromethane
Concen: 53.120 ug/l
RT: 9.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	83	Resp	104560
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	50.4	75.6
127	7.8	6.2	9.2

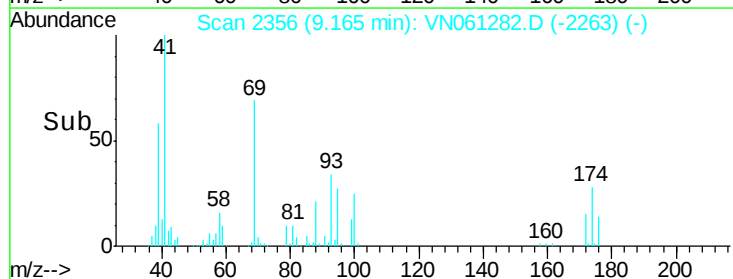
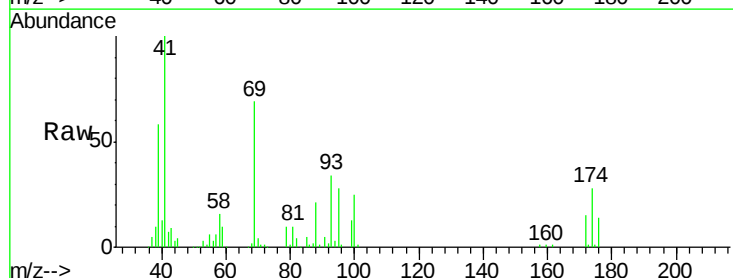
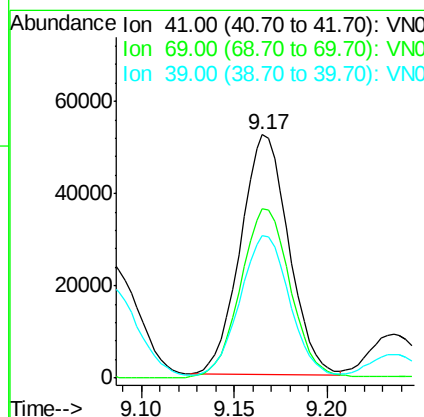
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#48
Methyl methacrylate
Concen: 57.940 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	41	Resp	94661
Ion Ratio	100	Lower	Upper
41	100		
69	73.5	60.3	90.5
39	61.1	47.4	71.0





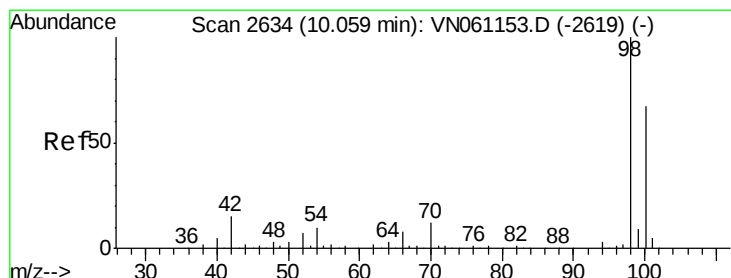
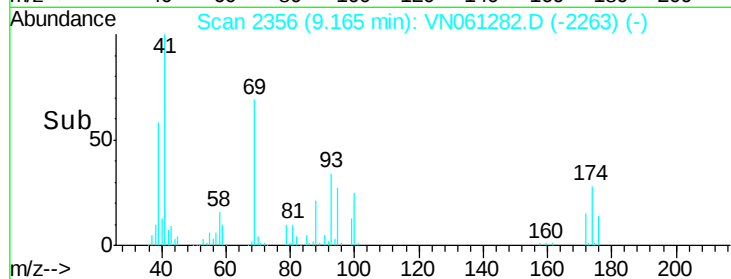
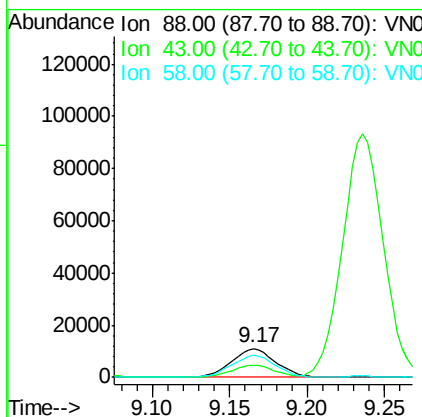
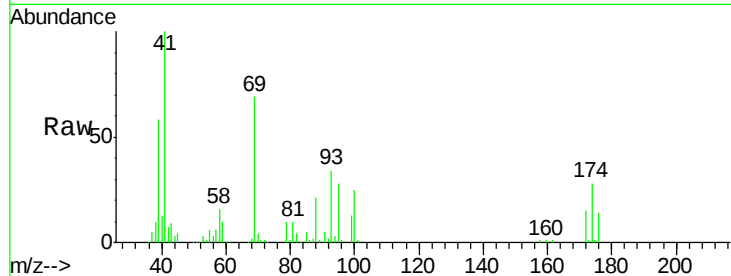
#49
1,4-Dioxane
Concen: 1177.822 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	21843
Ion	Ratio	Lower	Upper
88	100		
43	41.7	35.3	52.9
58	76.6	61.5	92.3

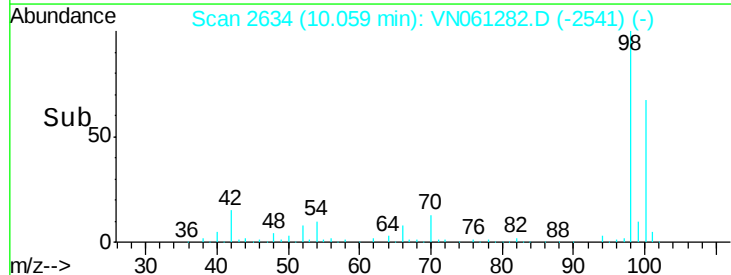
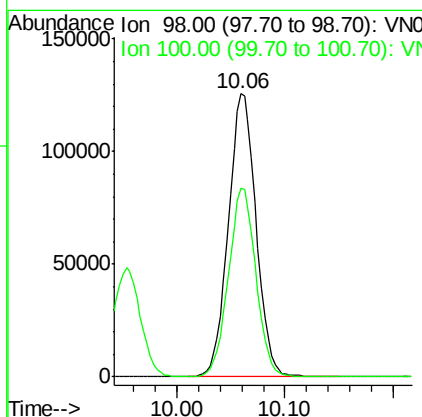
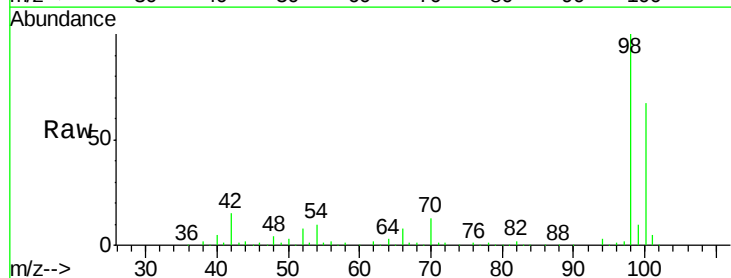
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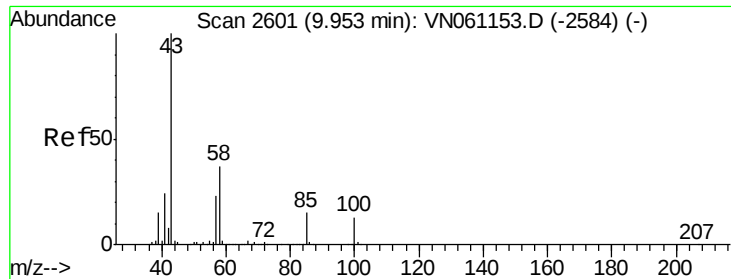
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#50
Toluene-d8
Concen: 50.245 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	98	Resp	225147
Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.4	80.0





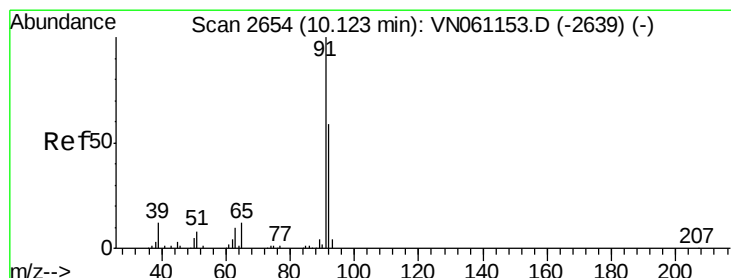
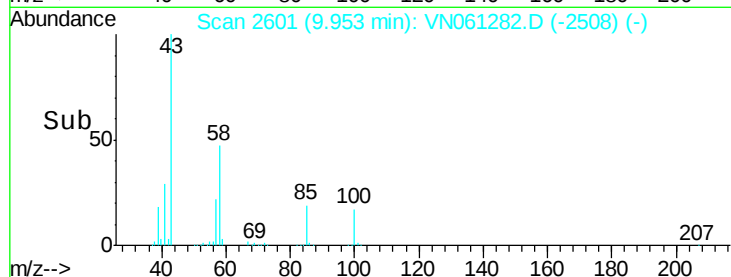
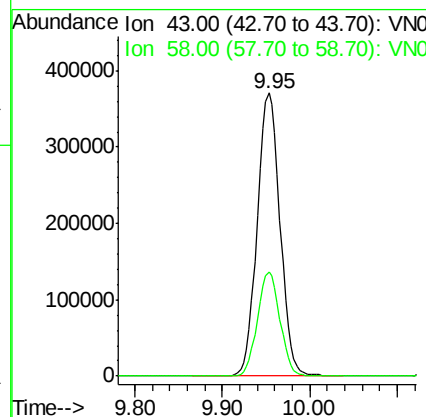
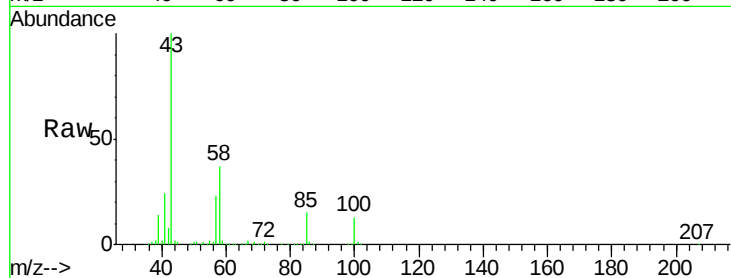
#51
 4-Methyl-2-Pentanone
 Concen: 315.335 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	672008
Ion Ratio	43	100	
Lower	58	36.4	29.1
Upper			43.7

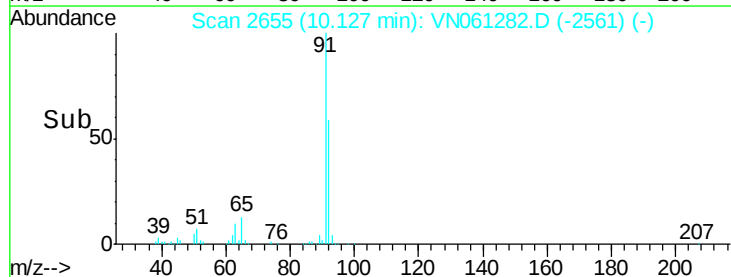
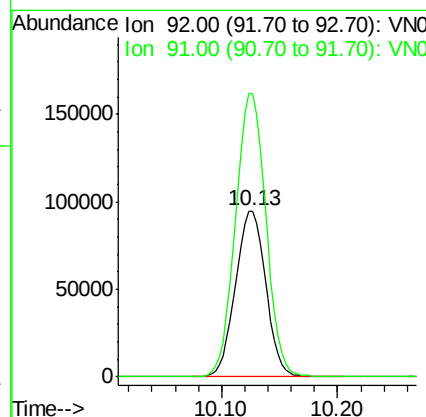
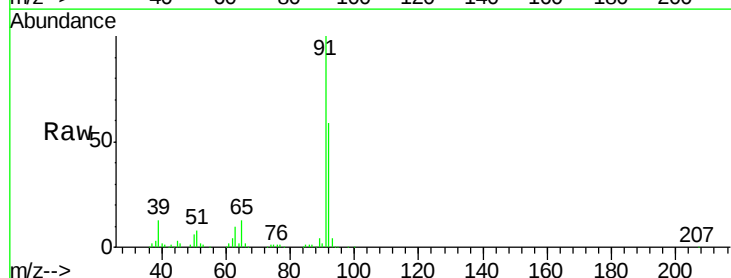
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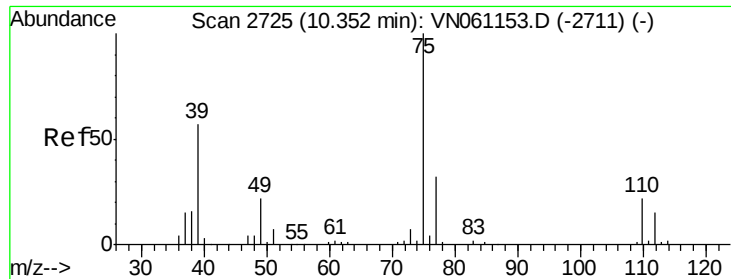
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#52
 Toluene
 Concen: 51.249 ug/l
 RT: 10.13 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion	92	Resp	171136
Ion Ratio	92	100	
Lower	91	171.8	136.2
Upper			204.2





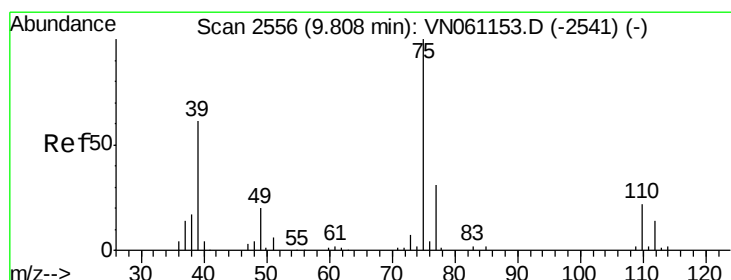
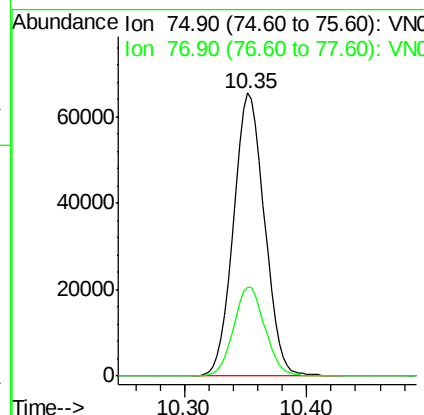
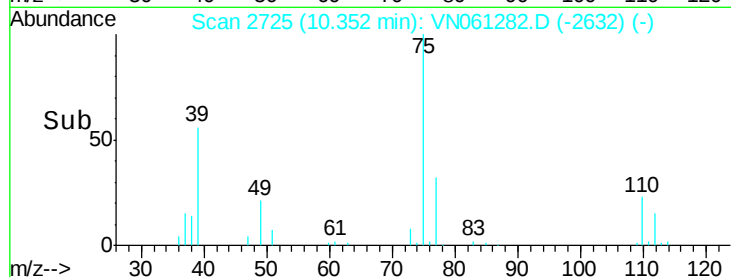
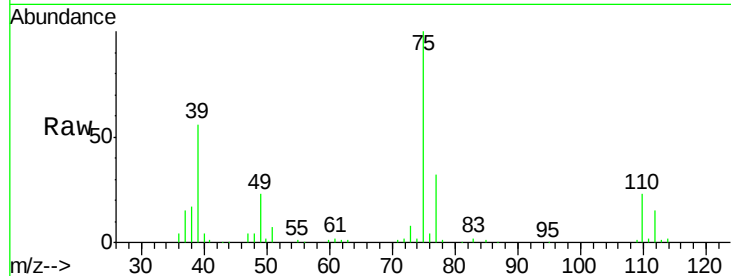
#53
t-1,3-Dichloropropene
Concen: 52.287 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 115969
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

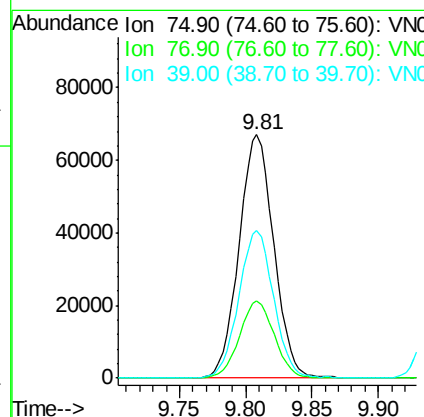
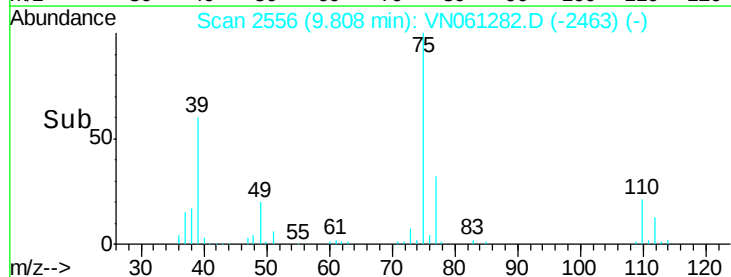
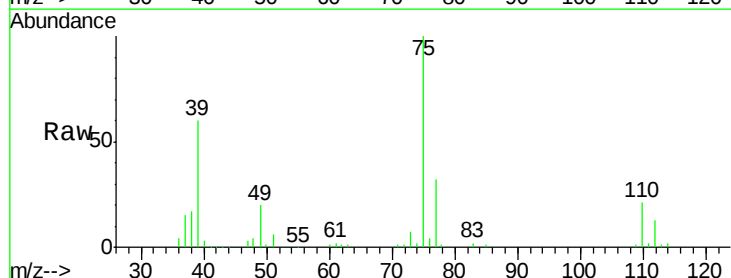
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#54
cis-1,3-Dichloropropene
Concen: 52.124 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 75 Resp: 122220
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
39 60.4 48.7 73.1





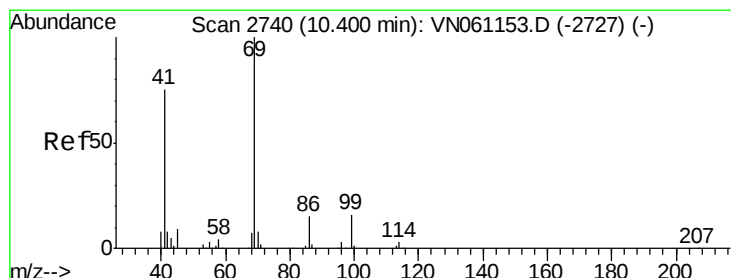
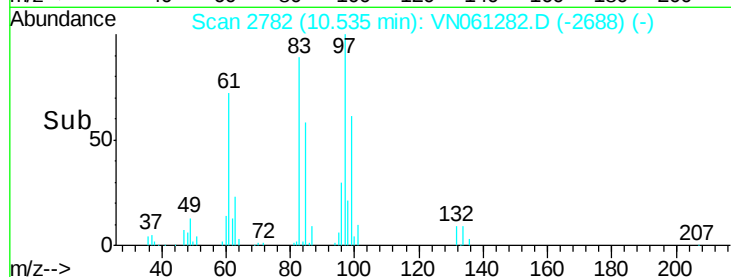
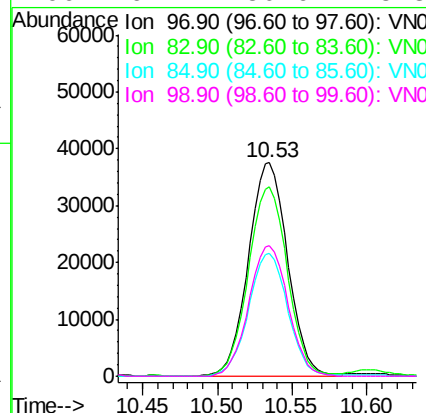
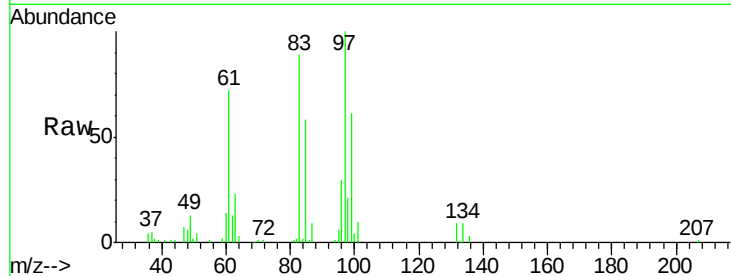
#55
 1,1,2-Trichloroethane
 Concen: 51.660 ug/l
 RT: 10.53 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	68808
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.6	106.0
85	57.6	46.4	69.6
99	61.2	50.6	75.8

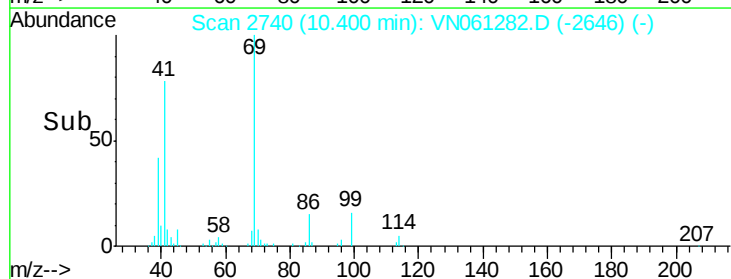
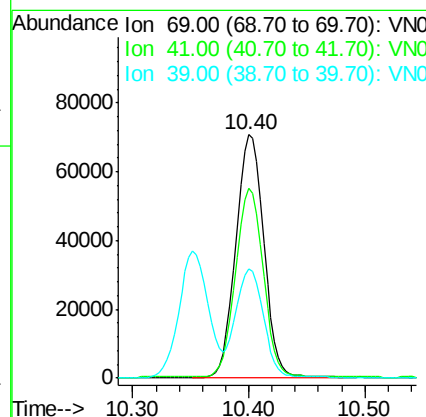
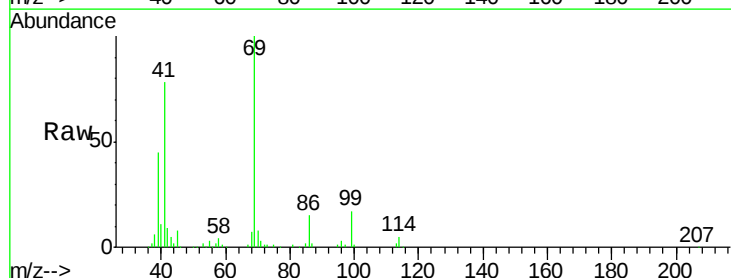
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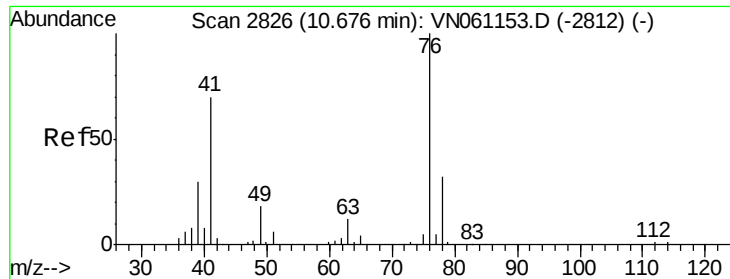
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#56
 Ethyl methacrylate
 Concen: 51.041 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion	69	Resp	118607
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.3	90.5
39	43.9	35.9	53.9





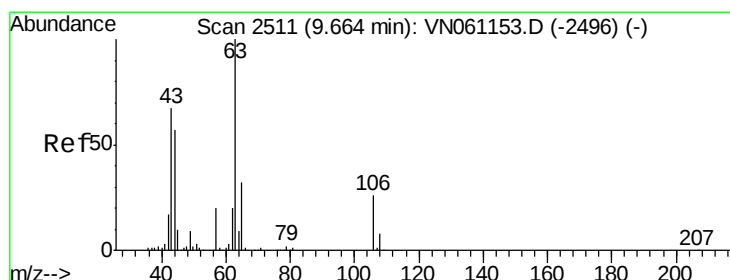
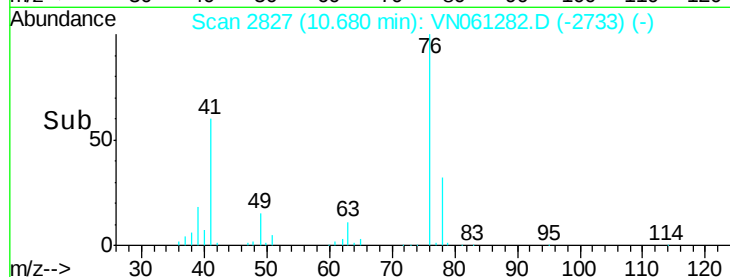
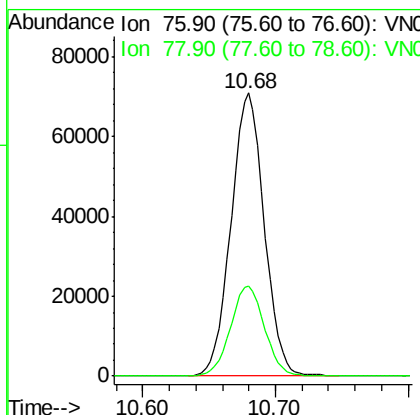
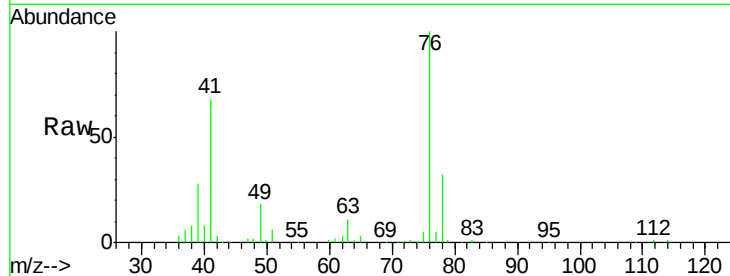
#57
 1,3-Dichloropropane
 Concen: 52.660 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 123289
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3

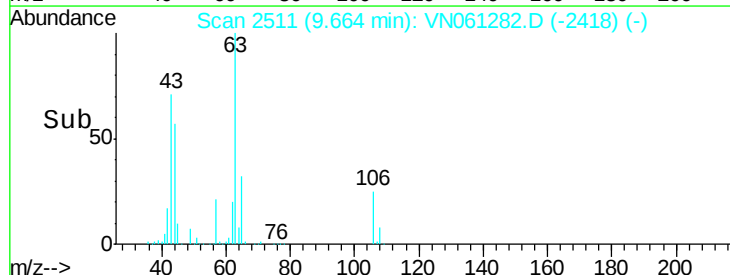
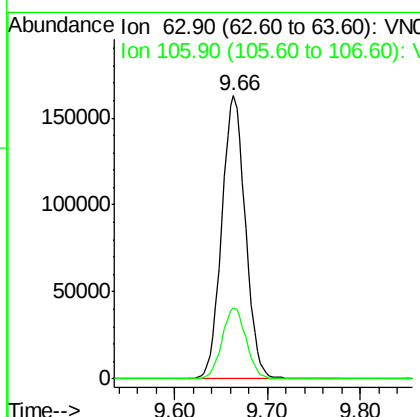
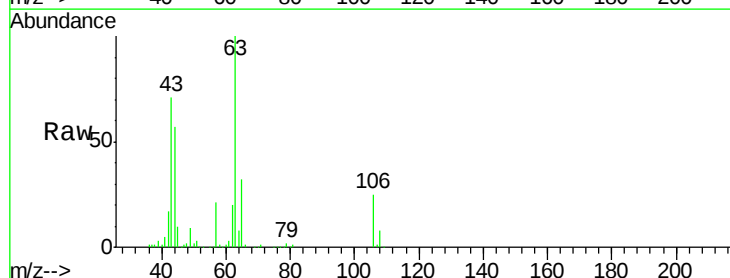
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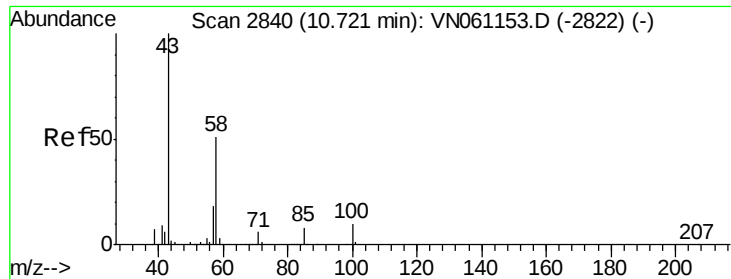
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.927 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 63 Resp: 287784
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.6 30.8





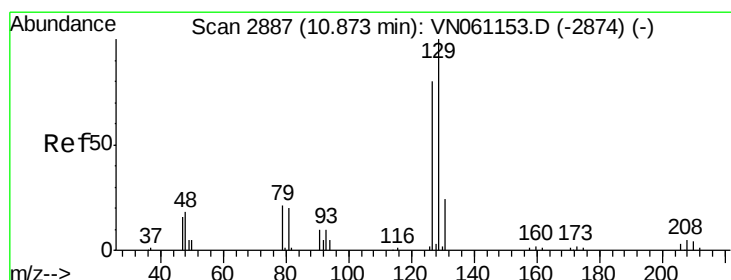
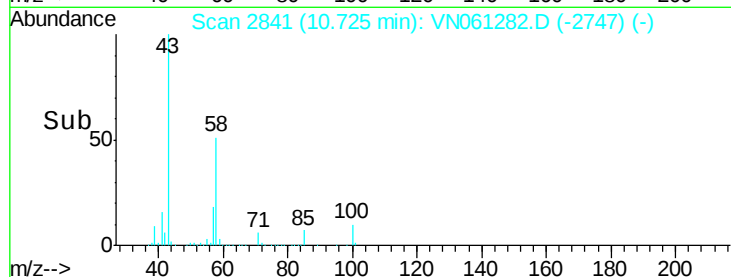
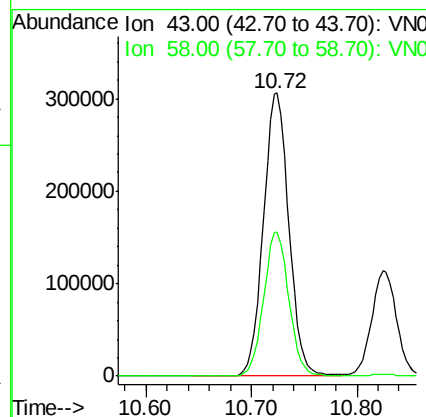
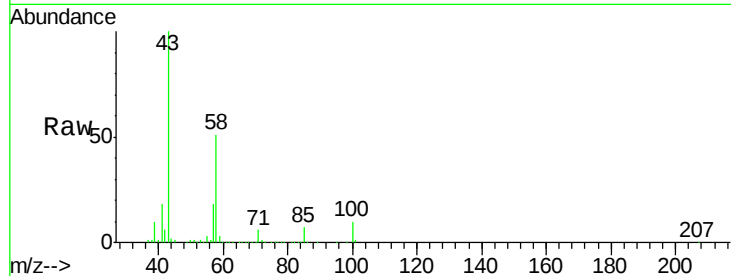
#59
2-Hexanone
Concen: 332.201 ug/l
RT: 10.72 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 515049
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.4

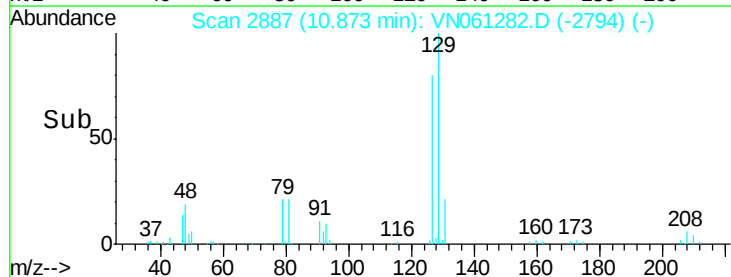
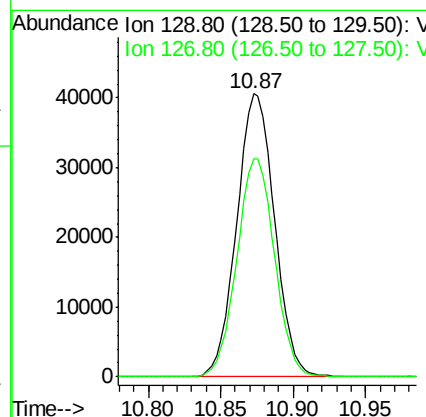
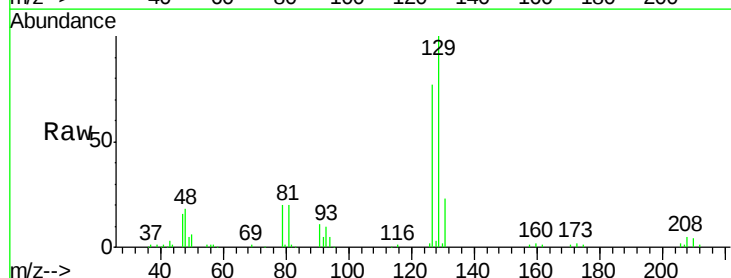
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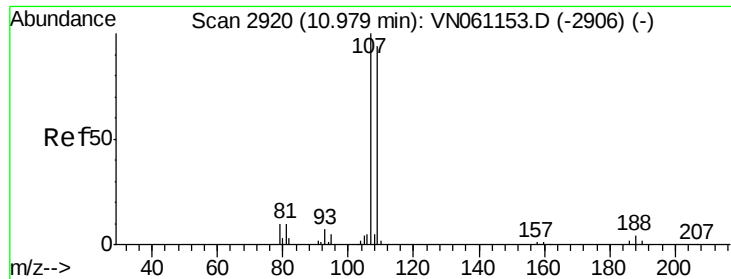
MMDadoda
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#60
Dibromochloromethane
Concen: 52.778 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 129 Resp: 73626
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





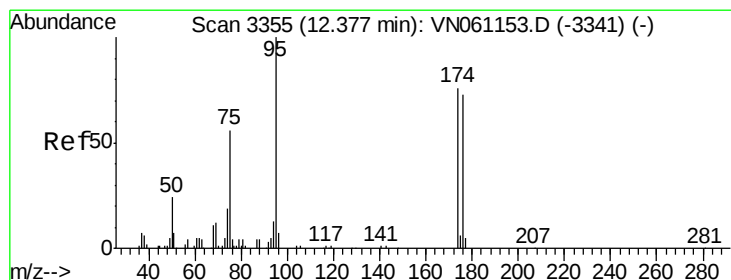
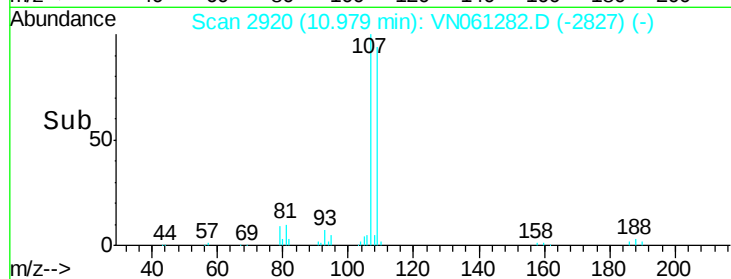
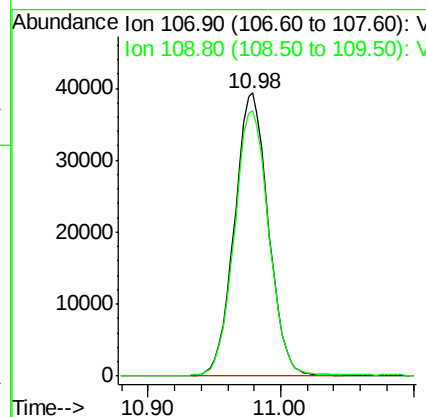
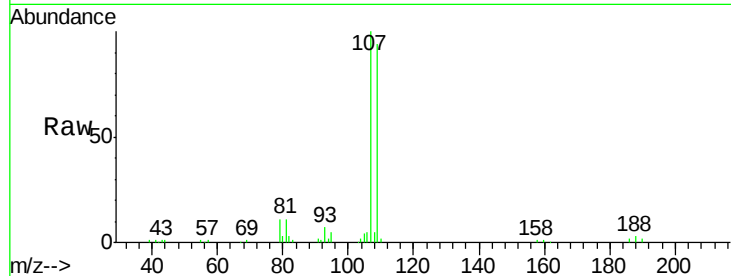
#61
 1,2-Dibromoethane
 Concen: 52.249 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	74.8	112.2

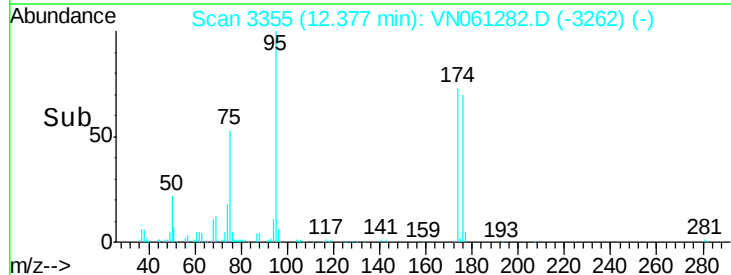
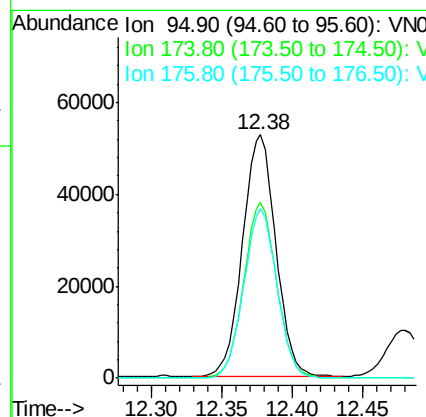
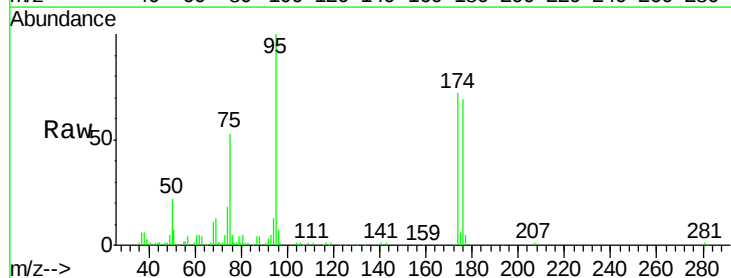
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#62
 4-Bromofluorobenzene
 Concen: 51.602 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	149.4
176	69.8	0.0	144.8





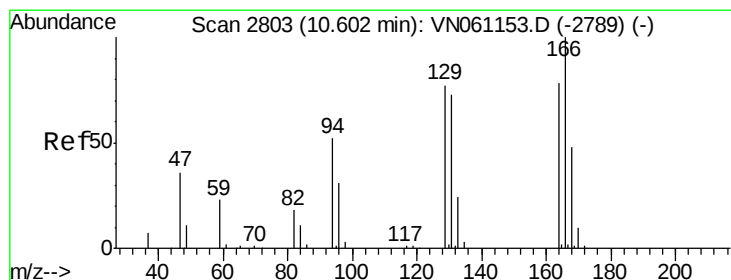
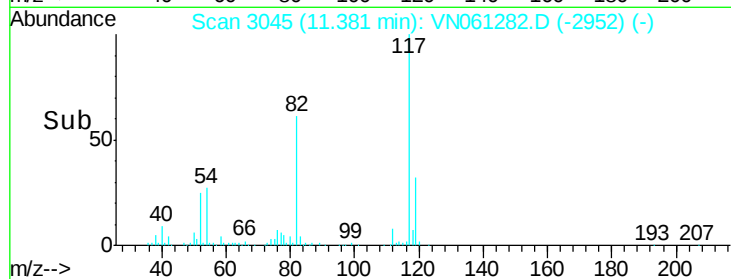
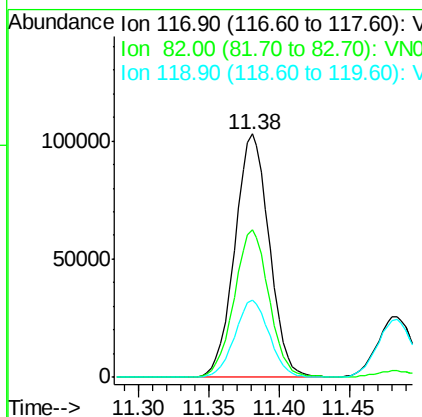
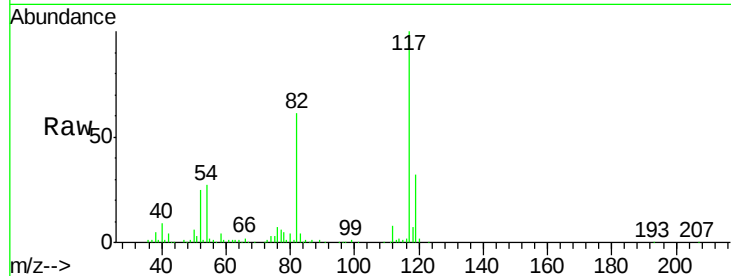
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	176336		
82	60.4	47.8	71.8	
119	31.8	25.8	38.6	

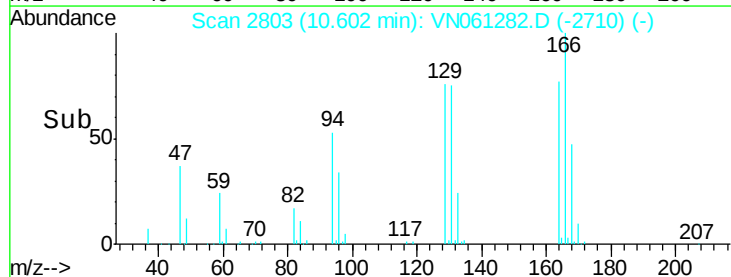
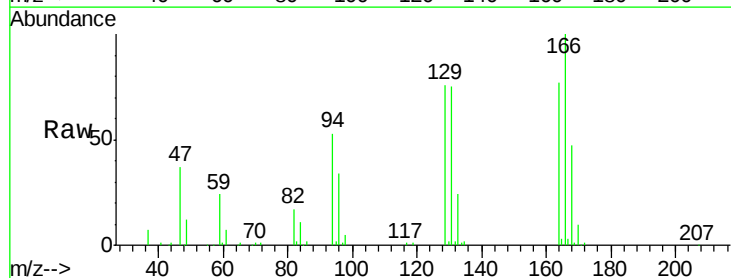
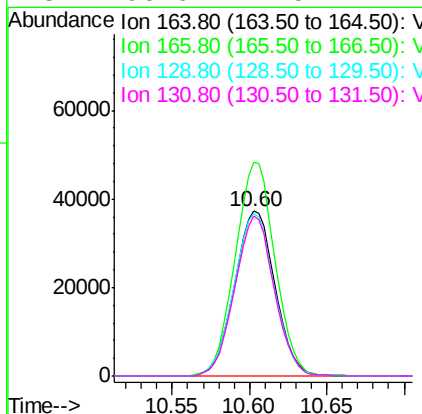
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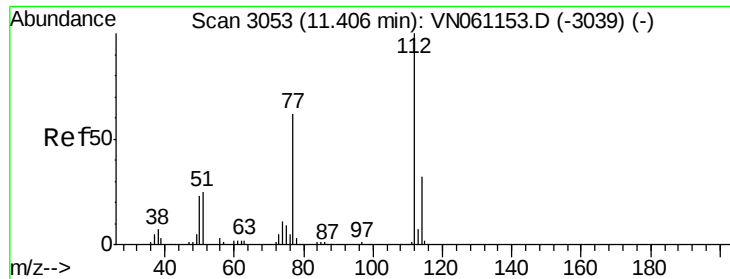
MMDadoda
5/5/2020 11:36:23 AM



#64
Tetrachloroethene
Concen: 44.178 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	67472		
166	129.4	102.0	153.0	
129	98.4	78.2	117.2	
131	96.6	74.5	111.7	





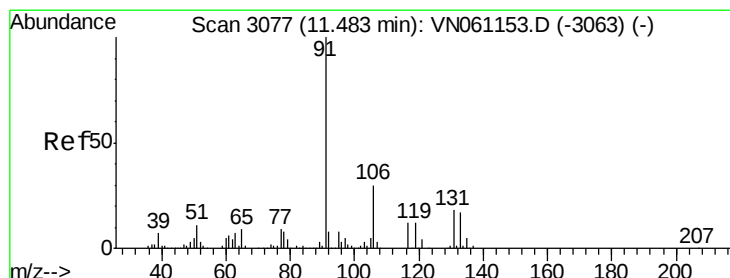
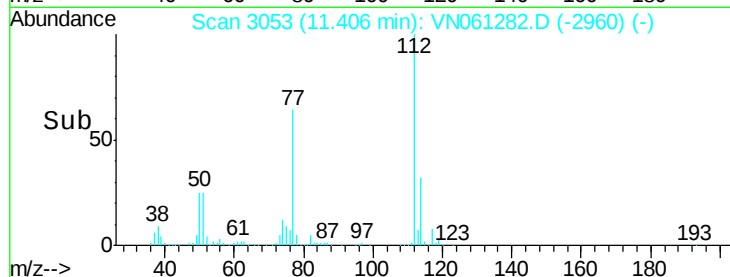
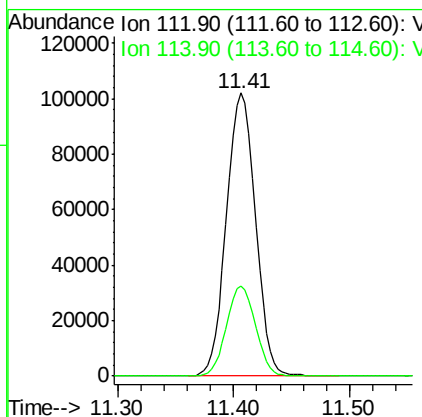
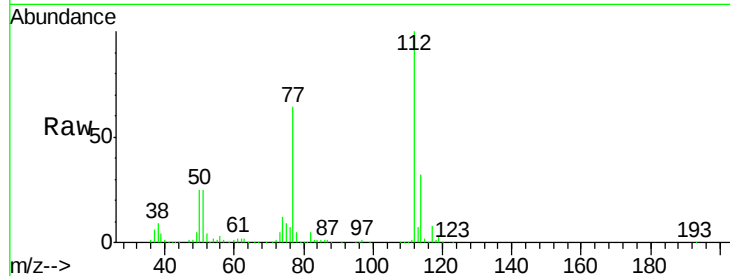
#65
Chlorobenzene
Concen: 50.590 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.2

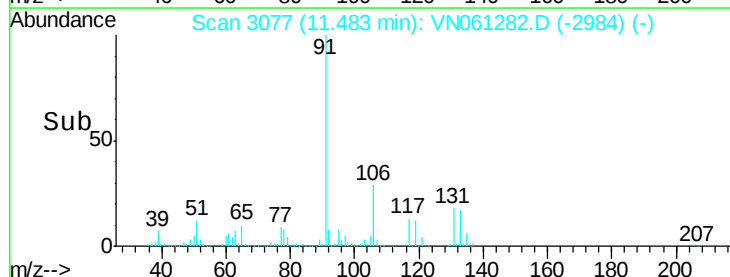
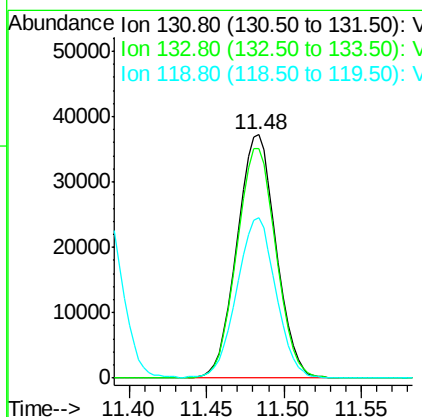
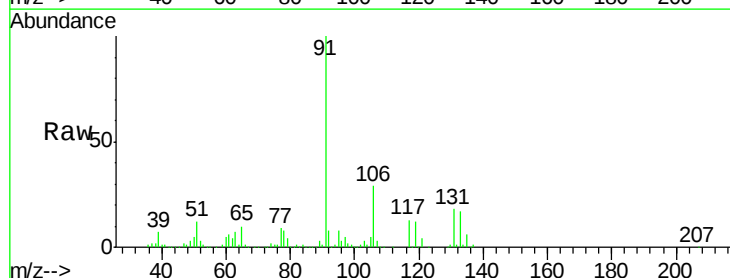
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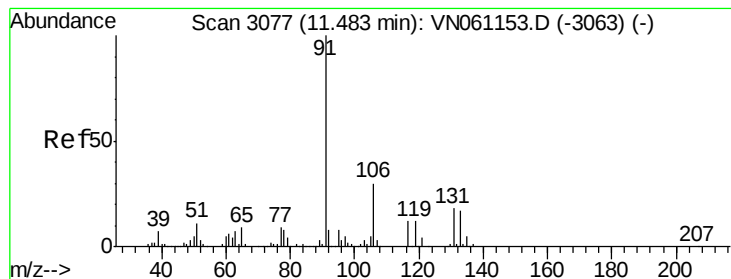
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.305 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.0	144.2
119	65.7	32.6	97.8





#67

Ethyl Benzene

Concen: 51.782 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 339071

Ion Ratio Lower Upper

91 100

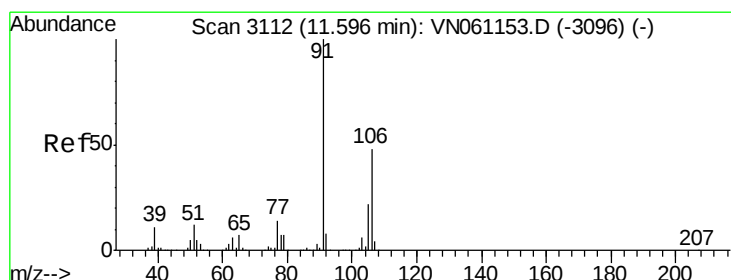
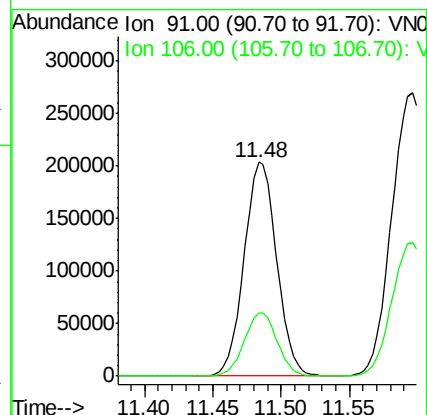
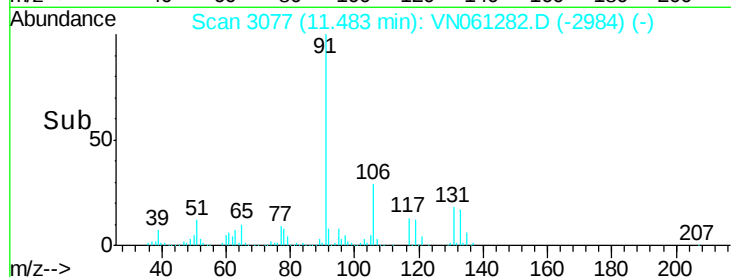
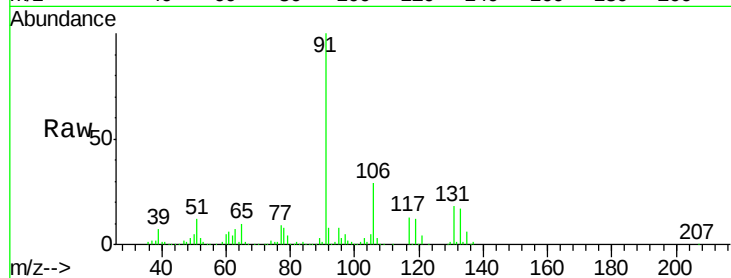
106 29.3 23.8 35.6

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#68

m/p-Xylenes

Concen: 102.475 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061282.D

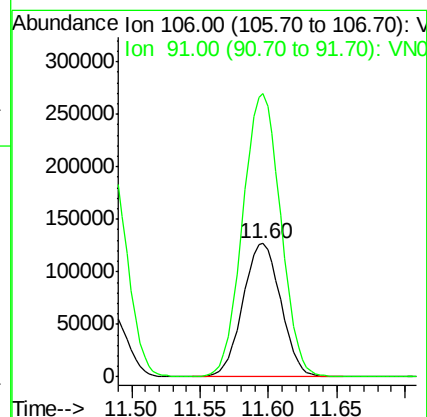
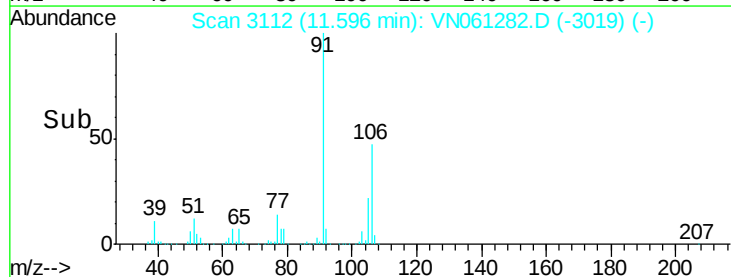
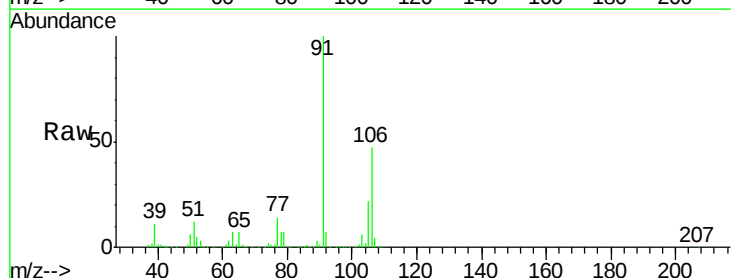
Acq: 4 May 2020 16:49

Tgt Ion: 106 Resp: 245610

Ion Ratio Lower Upper

106 100

91 212.1 166.4 249.6





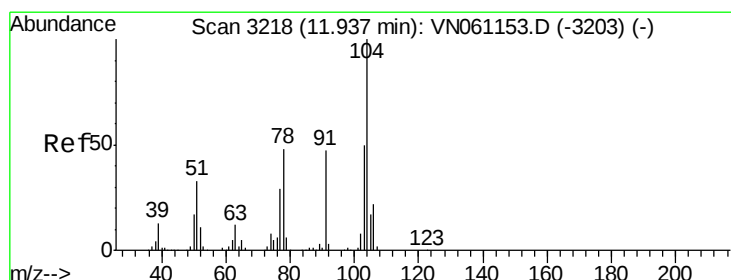
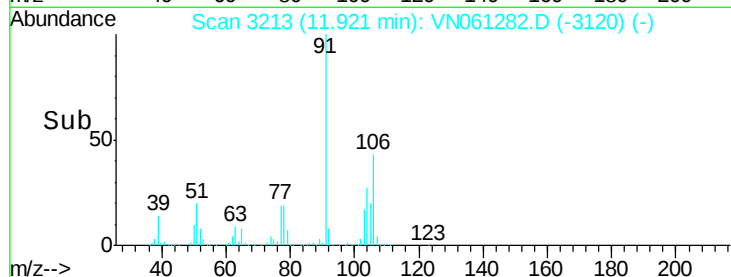
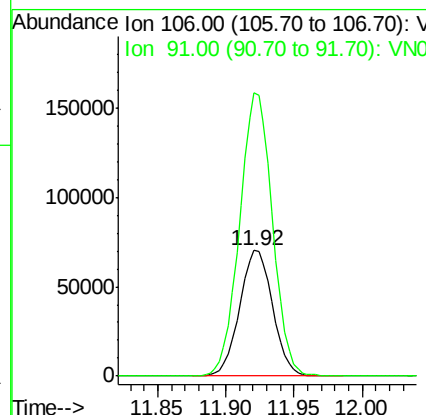
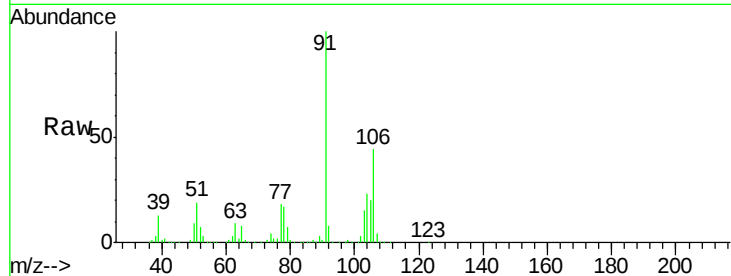
#69
o-Xylene
Concen: 51.282 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		118065		
91	222.6	109.7	329.0		

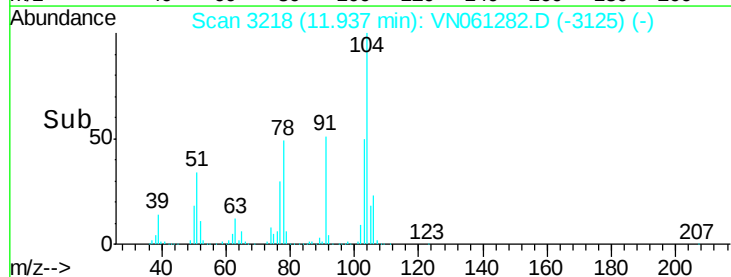
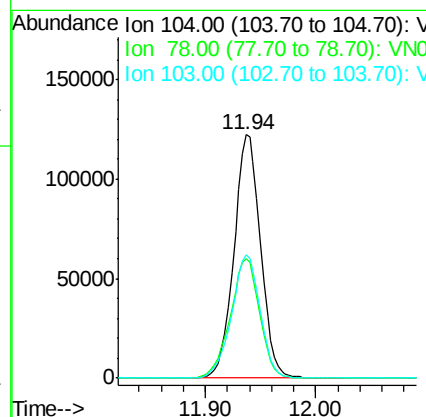
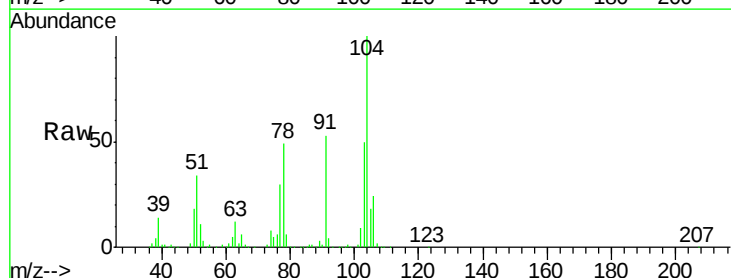
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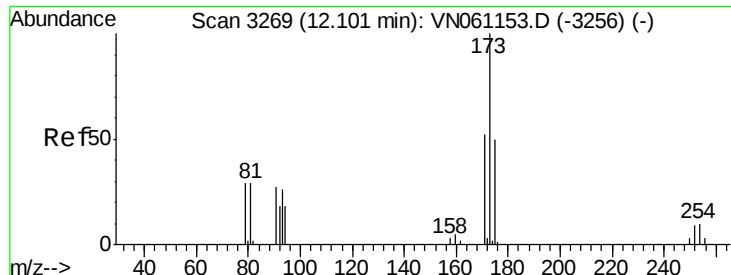
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#70
Styrene
Concen: 52.937 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		203981		
78	54.3	42.1	63.1		
103	54.4	43.3	64.9		





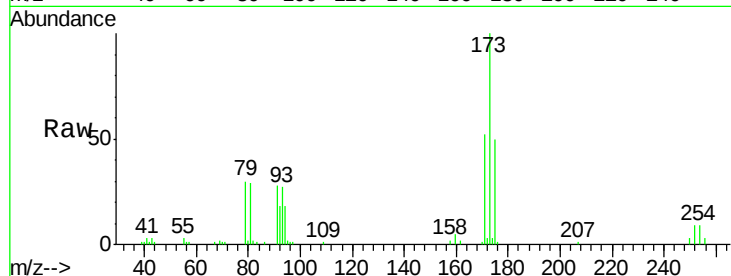
#71
Bromoform
Concen: 55.247 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

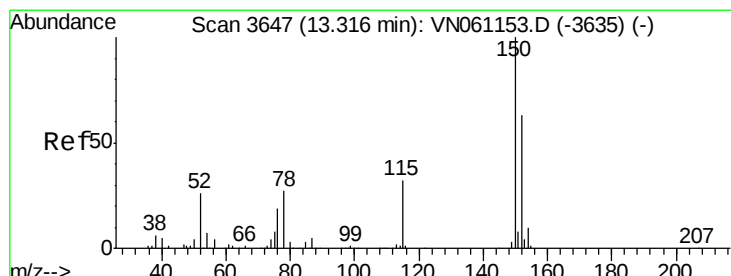
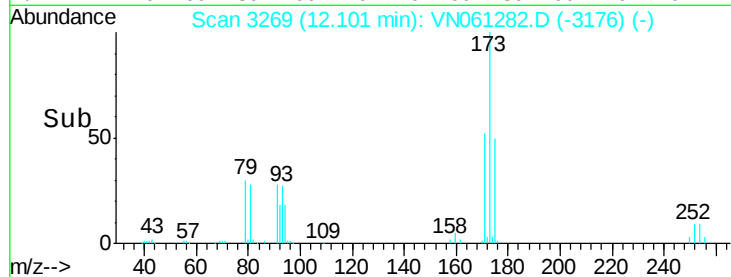
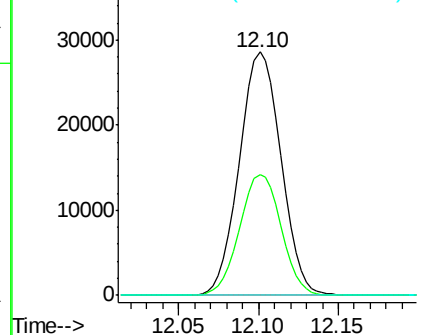
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.4
254	0.0	0.0	0.0

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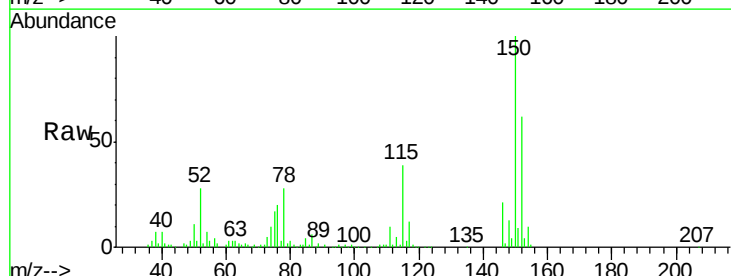


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

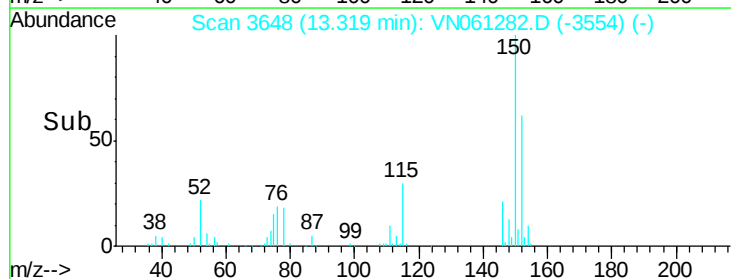
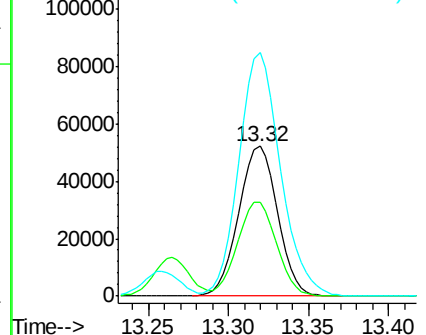


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.0	93.0
150	173.3	0.0	351.8



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: 51.088 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 324492

Ion Ratio Lower Upper

105 100

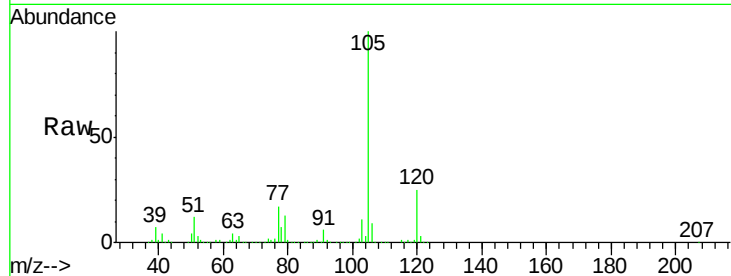
120 25.2 12.6 37.8

Manual Integrations

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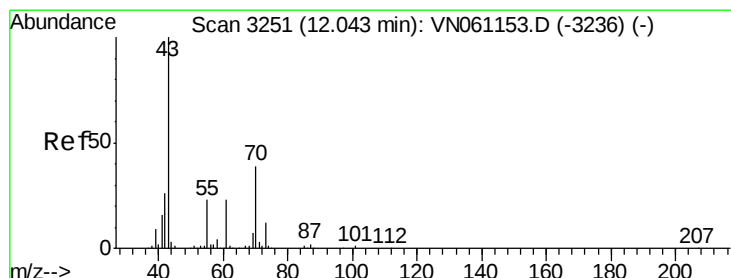
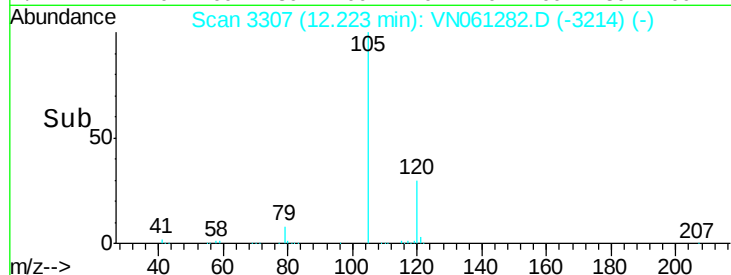
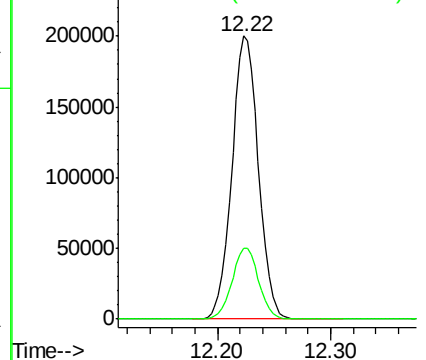
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.707 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Tgt Ion: 43 Resp: 185606

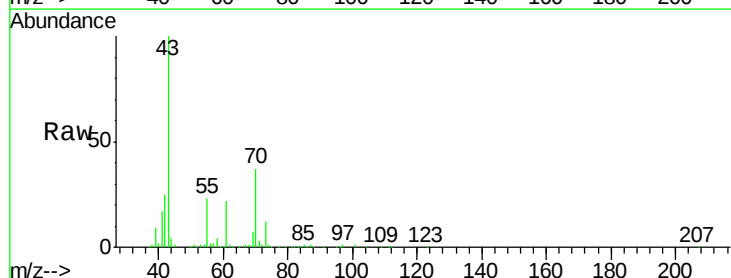
Ion Ratio Lower Upper

43 100

70 37.8 30.6 46.0

55 23.1 18.5 27.7

61 22.3 17.9 26.9

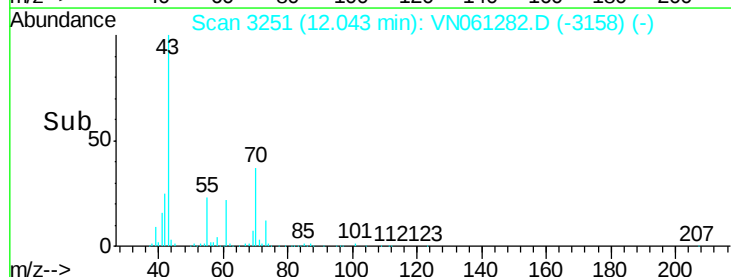
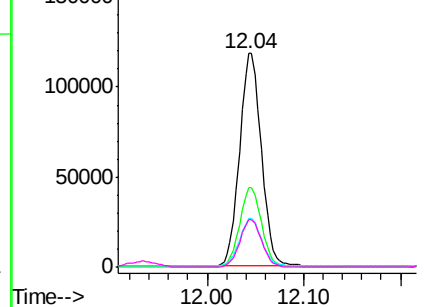


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 53.695 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

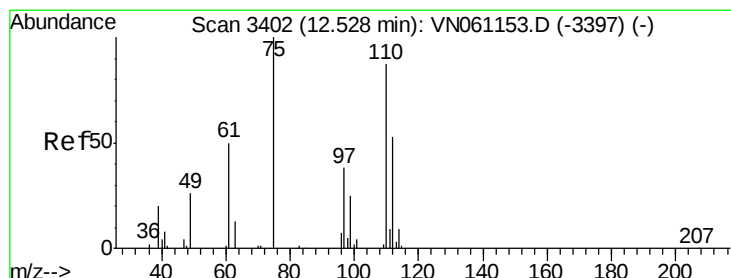
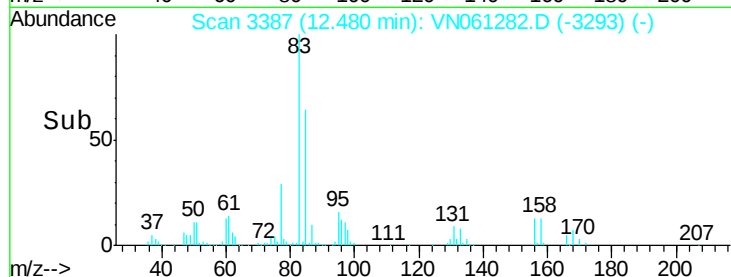
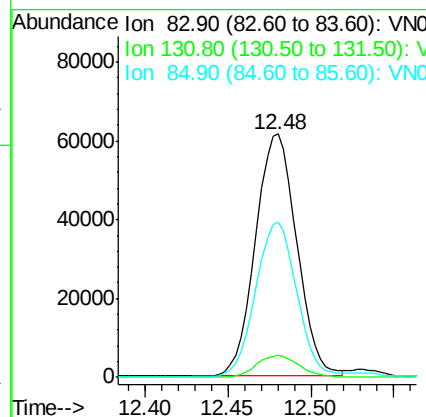
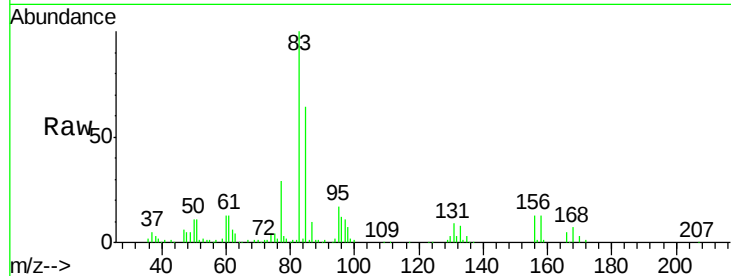
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	106345
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.8	14.3
85	64.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 54.300 ug/l m

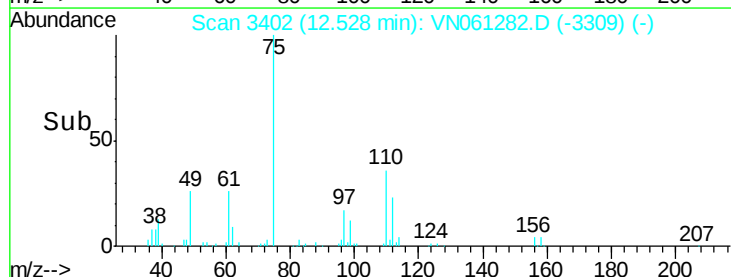
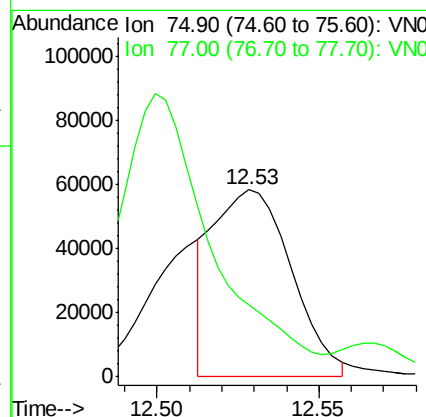
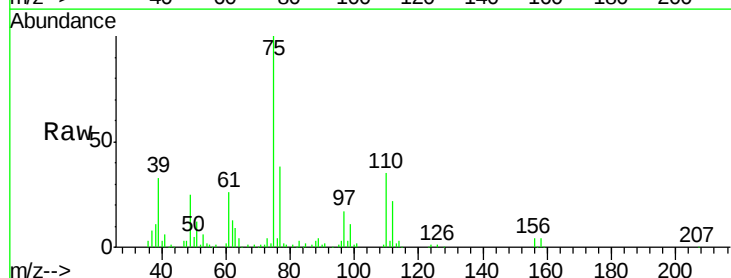
RT: 12.53 min Scan# 3402

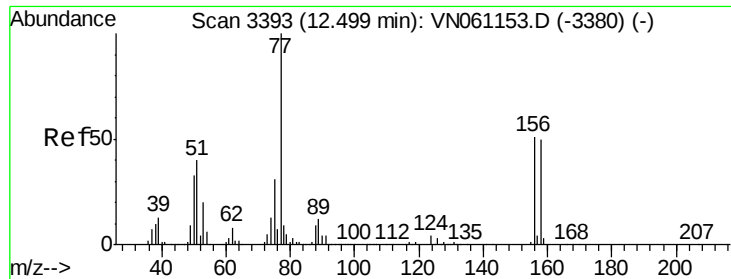
Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Tgt Ion:	75	Resp:	98910
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.097 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 73454

Ion Ratio Lower Upper

156 100

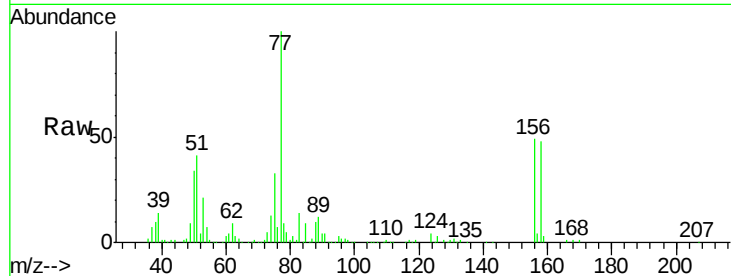
77 245.2 117.4 352.2

158 96.7 48.4 145.0

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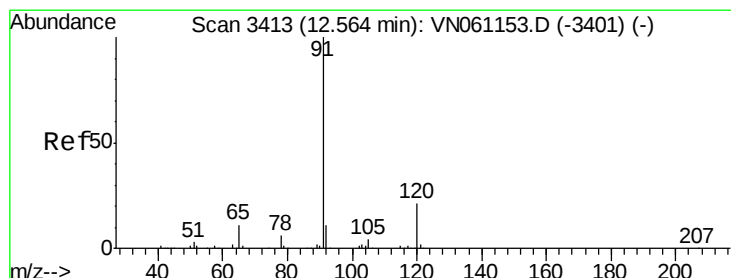
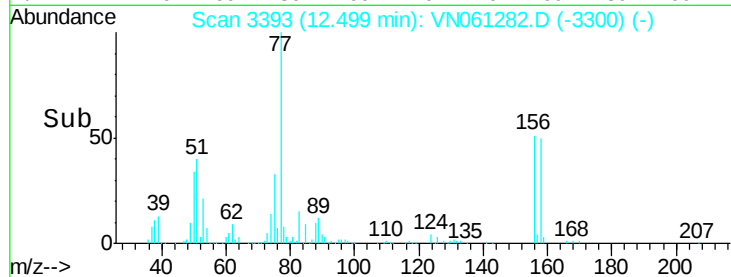
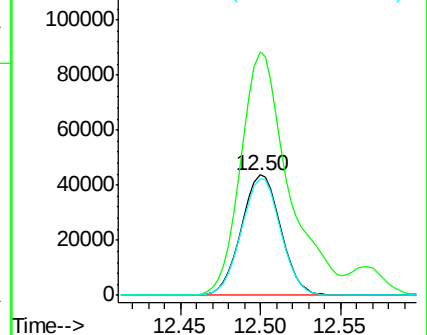
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.088 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061282.D

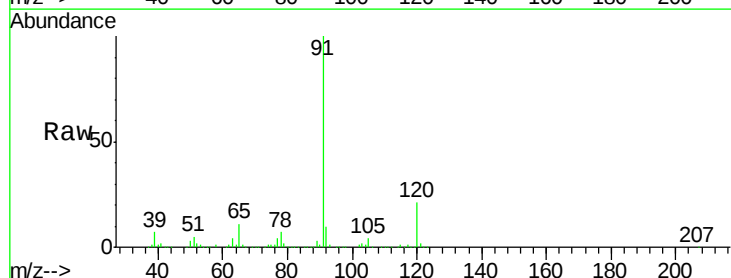
Acq: 4 May 2020 16:49

Tgt Ion: 91 Resp: 384885

Ion Ratio Lower Upper

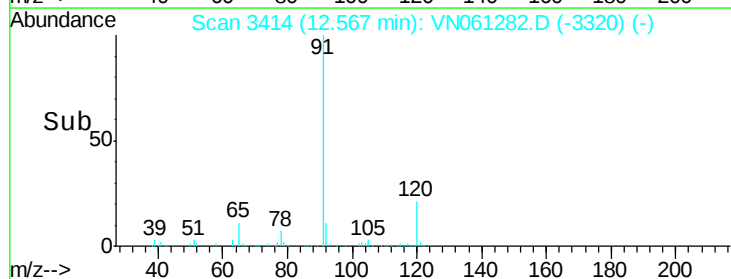
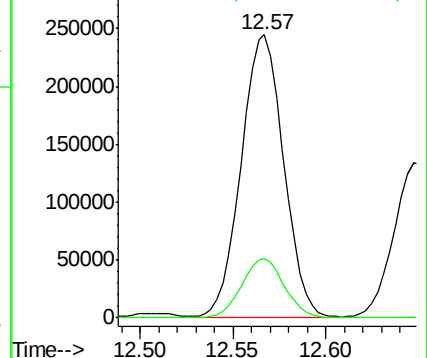
91 100

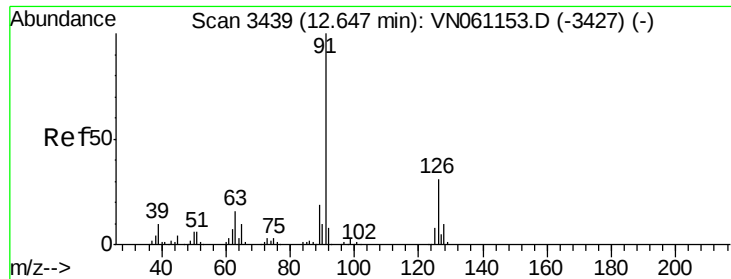
120 21.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





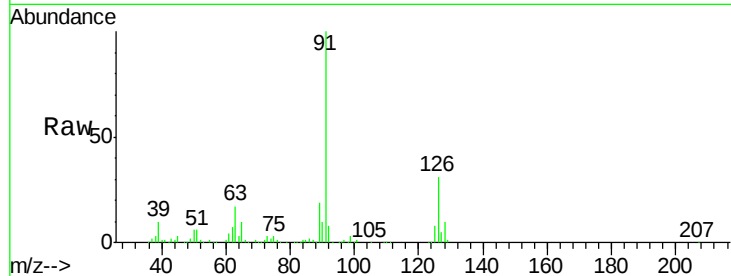
#79
 2-Chlorotoluene
 Concen: 50.503 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

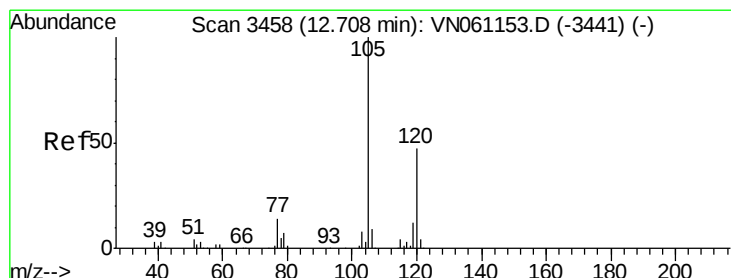
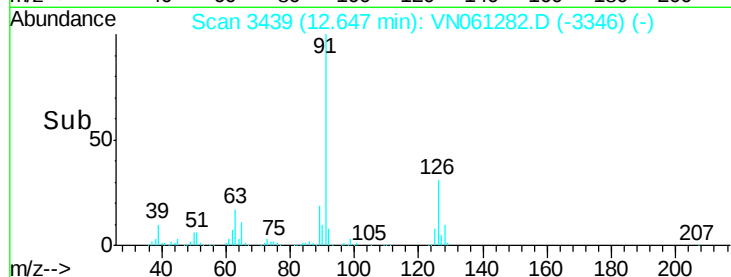
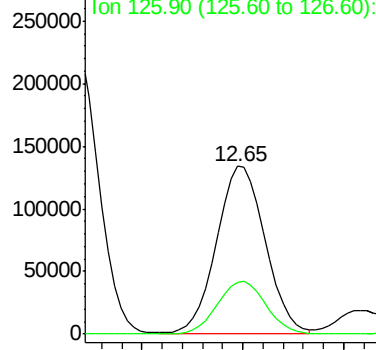
Tot Ion: 91 Resp: 223636
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.9 47.7

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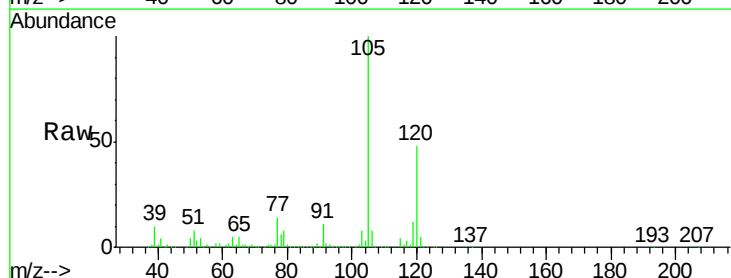


Abundance Ion 91.00 (90.70 to 91.70): VN
 Ion 125.90 (125.60 to 126.60): V

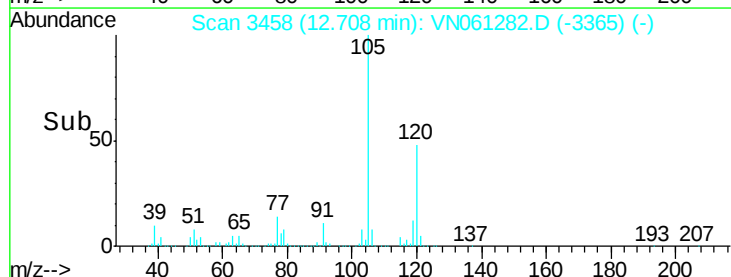
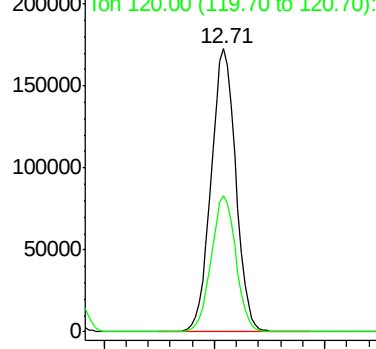


#80
 1,3,5-Trimethylbenzene
 Concen: 50.520 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 105 Resp: 265583
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.9 71.7



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: 56.199 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

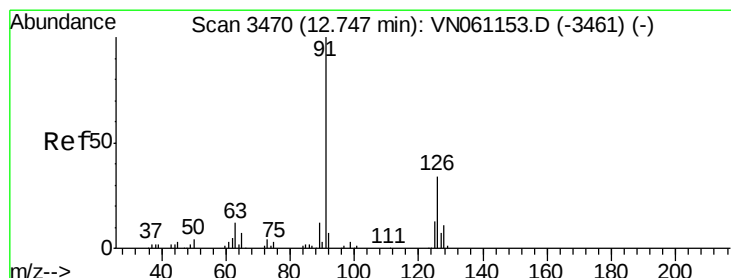
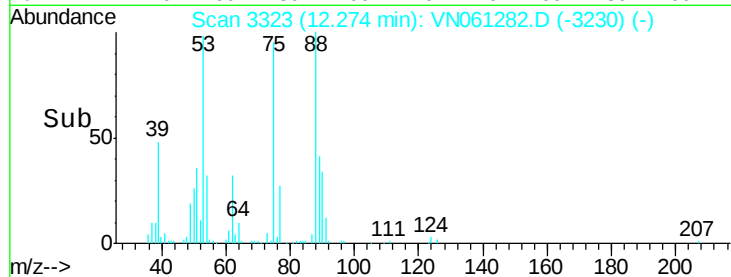
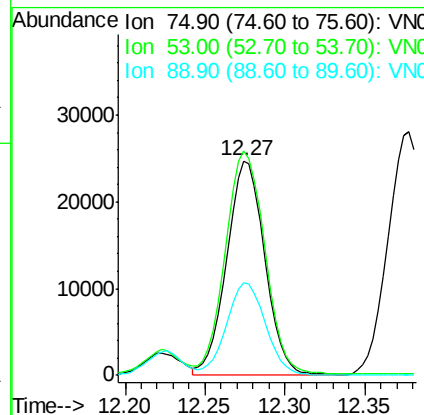
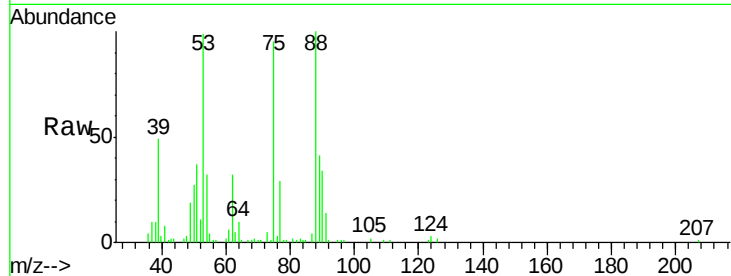
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	40311
Ion	Ratio	Lower	Upper
75	100		
53	108.1	84.1	126.1
89	43.9	35.2	52.8

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#82

4-Chlorotoluene

Concen: 51.395 ug/l

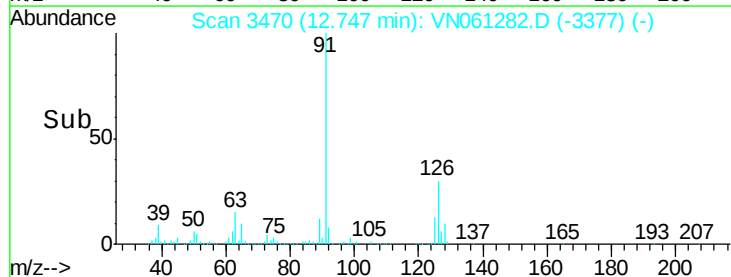
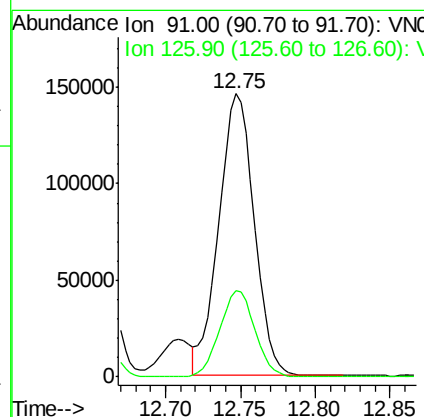
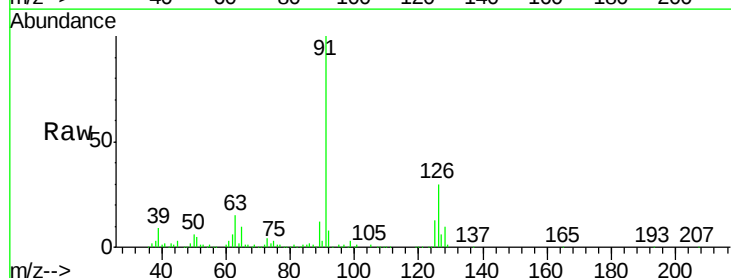
RT: 12.75 min Scan# 3470

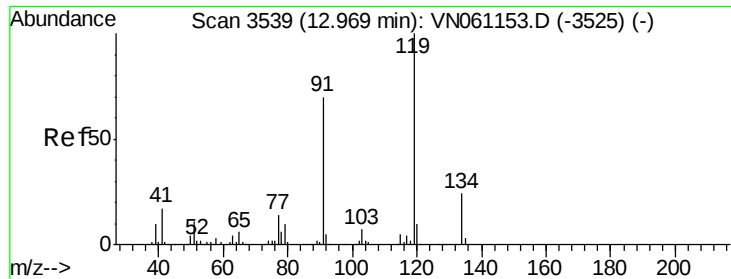
Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Tgt Ion:	91	Resp:	239866
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.7	47.1





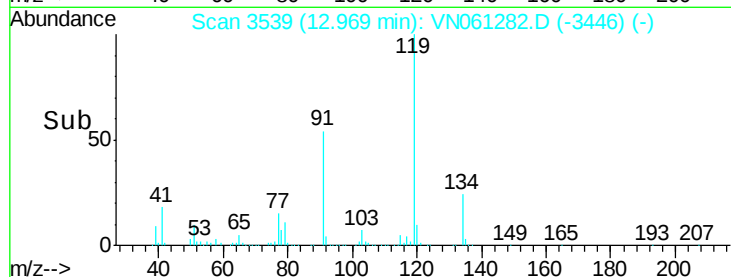
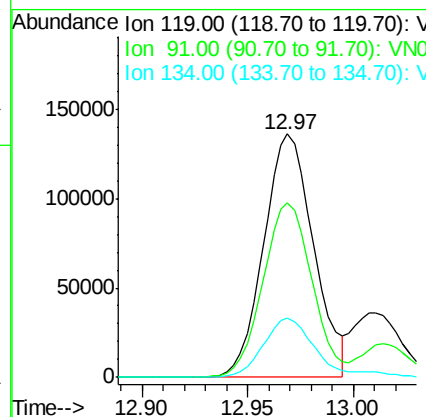
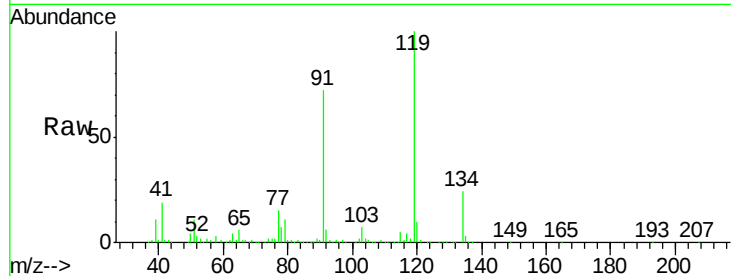
#83
tert-Butylbenzene
Concen: 50.450 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	223634		
91	70.5	34.8	104.4	
134	26.0	12.9	38.7	

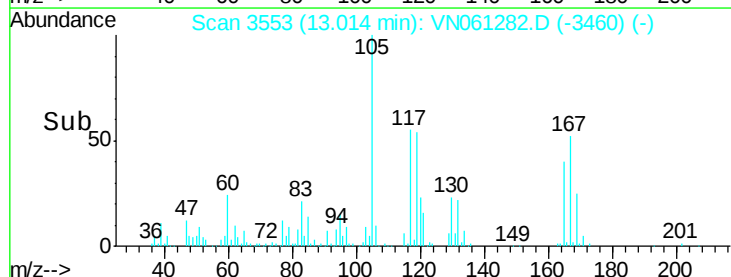
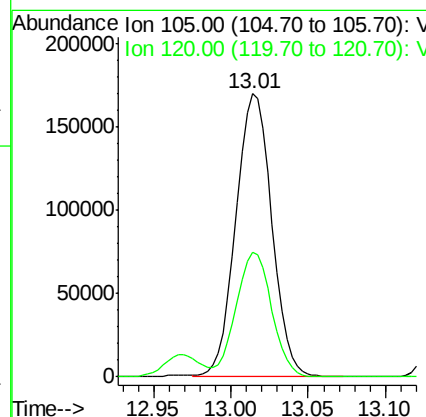
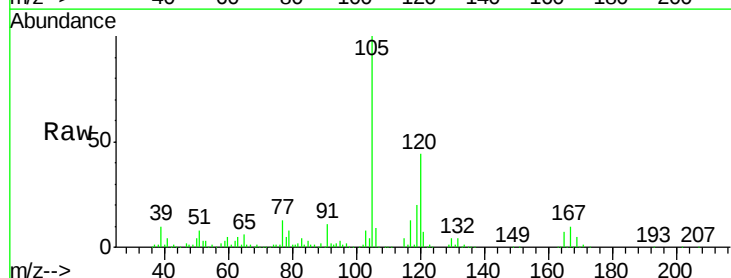
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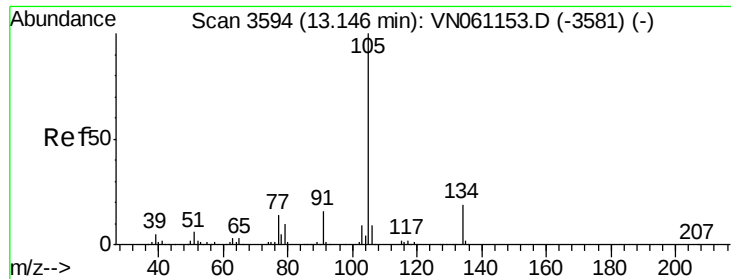
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#84
1,2,4-Trimethylbenzene
Concen: 50.365 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272784		
120	43.9	22.2	66.6	





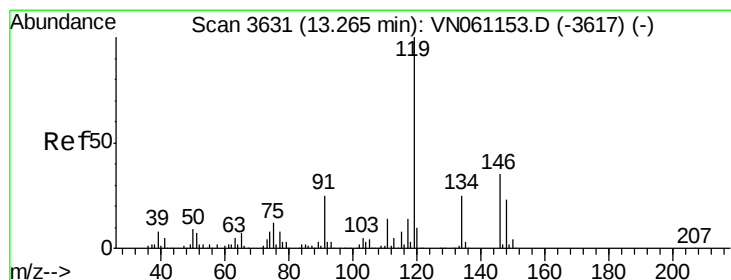
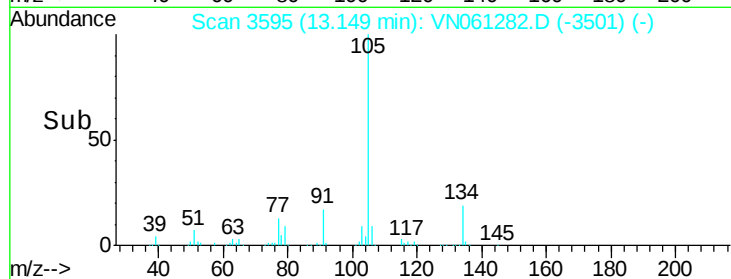
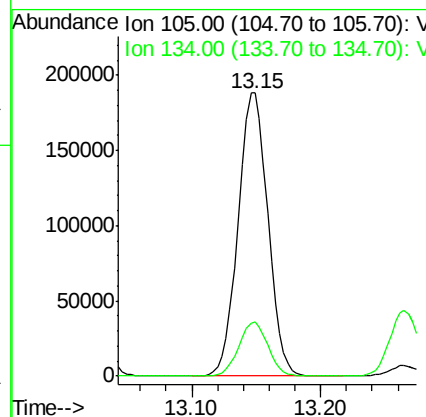
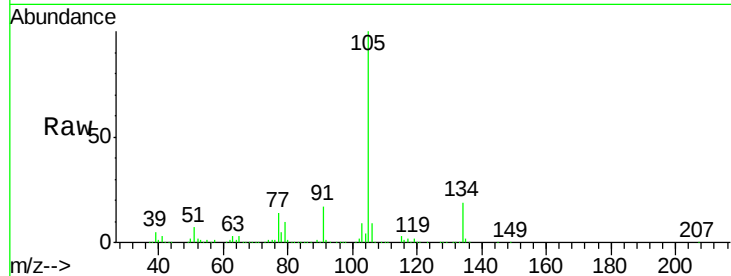
#85
 sec-Butylbenzene
 Concen: 49.787 ug/l
 RT: 13.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	300891		
134	18.8	9.6	28.8	

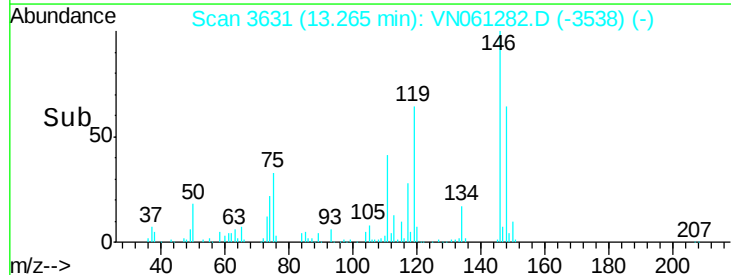
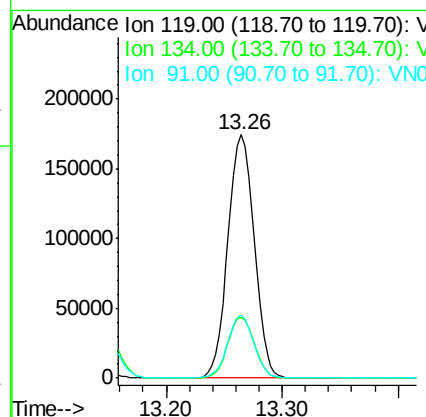
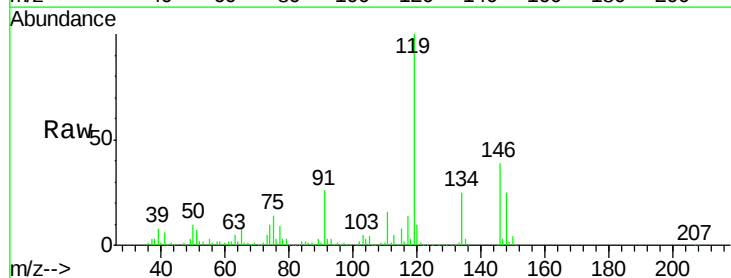
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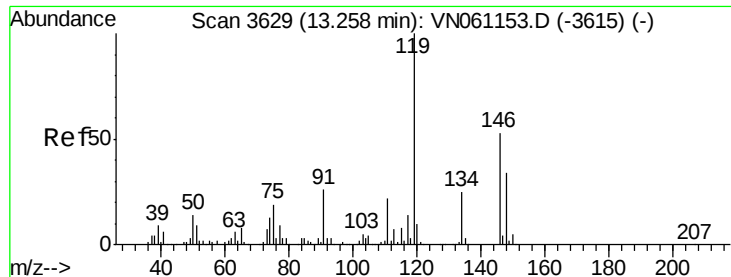
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#86
 p-Isopropyltoluene
 Concen: 50.101 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	272806		
134	25.0	12.6	37.6	
91	25.4	12.7	38.0	





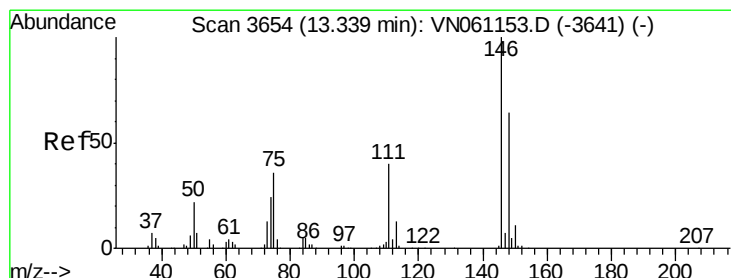
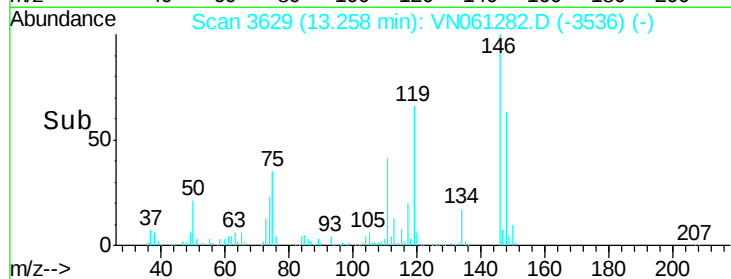
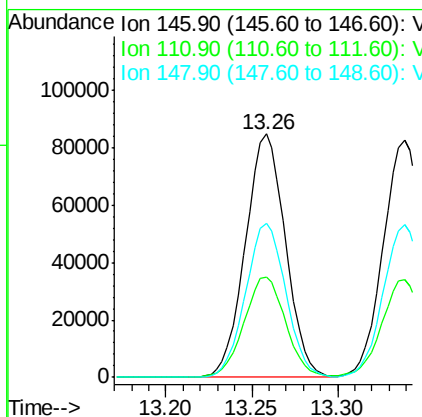
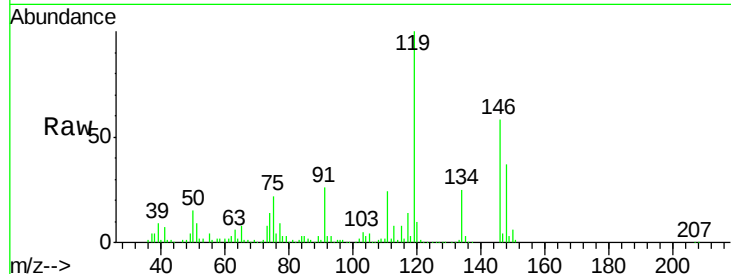
#87
 1,3-Dichlorobenzene
 Concen: 50.853 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.7	62.1
148	63.5	31.8	95.3

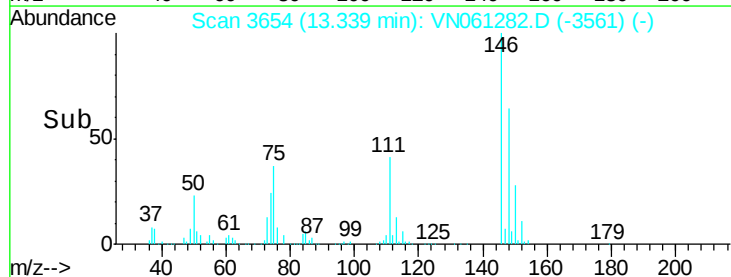
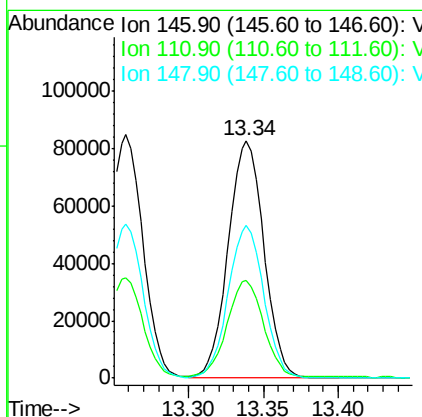
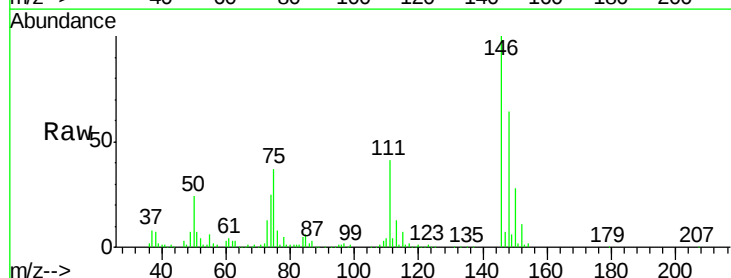
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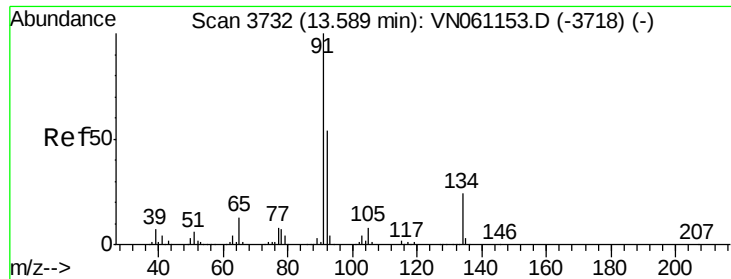
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#88
 1,4-Dichlorobenzene
 Concen: 49.906 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.4	61.3
148	64.0	31.9	95.7





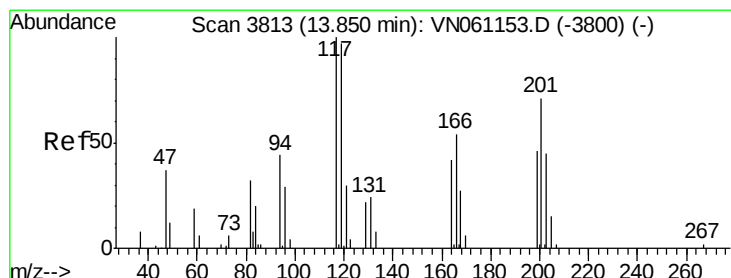
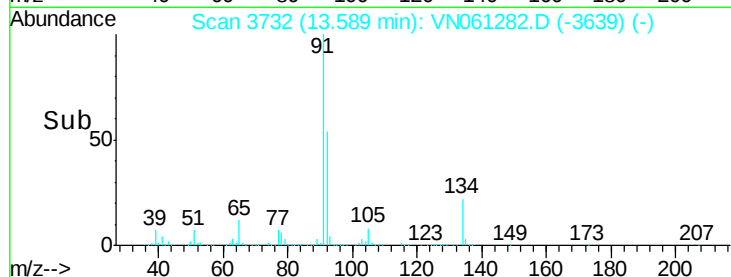
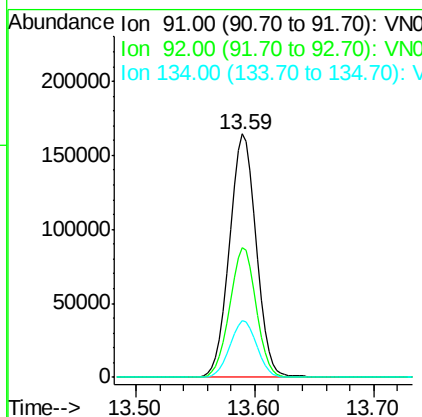
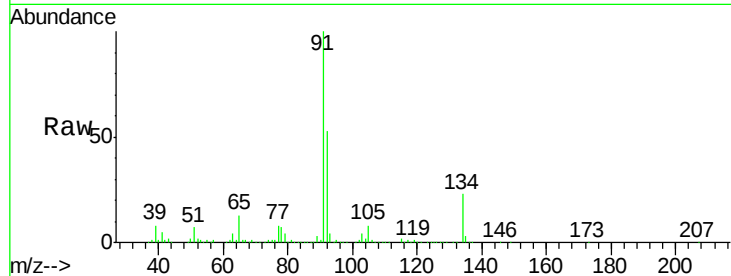
#89
n-Butylbenzene
Concen: 50.989 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.2	26.8	80.3	
134	23.4	11.9	35.5	

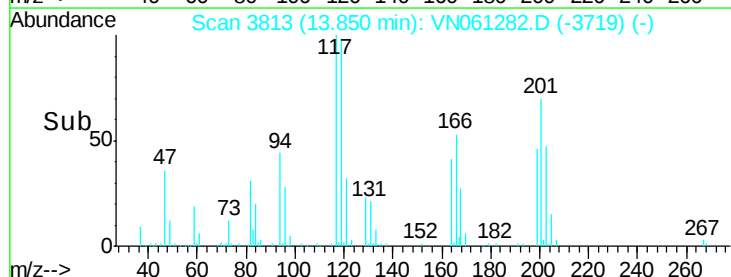
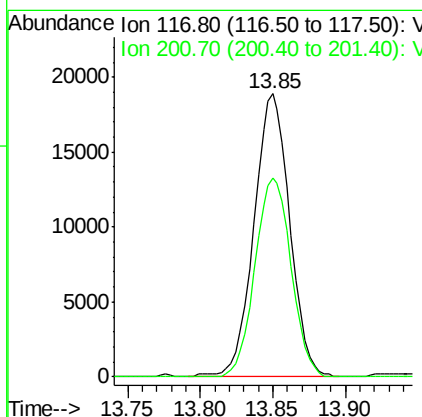
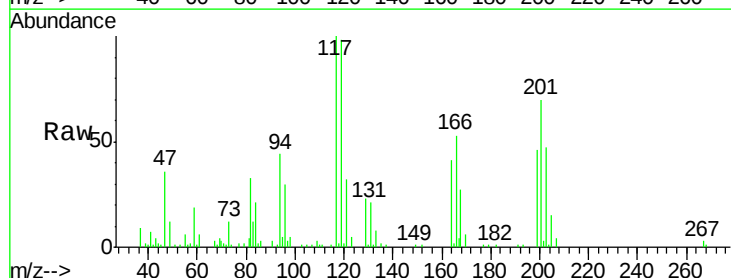
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#90
Hexachloroethane
Concen: 56.100 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	70.5	35.5	106.7	





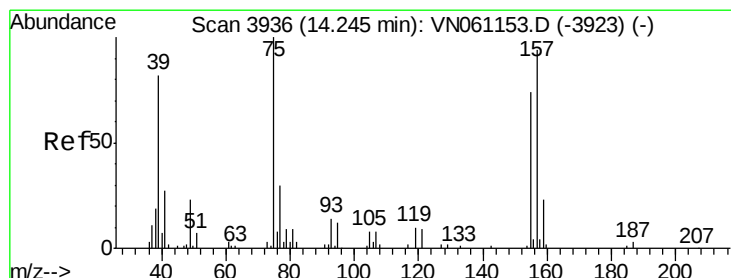
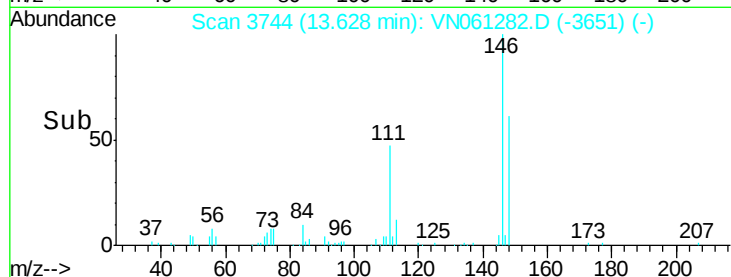
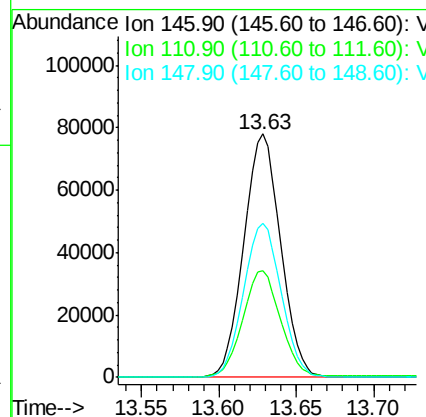
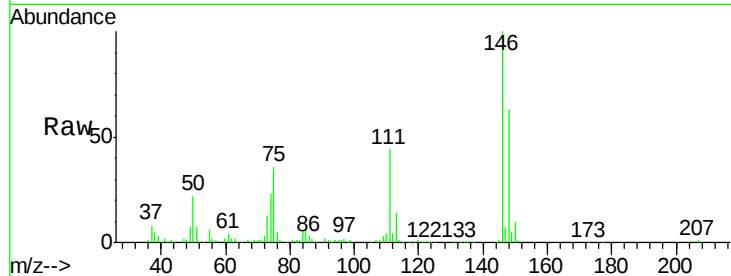
#91
 1,2-Dichlorobenzene
 Concen: 50.088 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.8	65.3
148	64.3	31.6	95.0

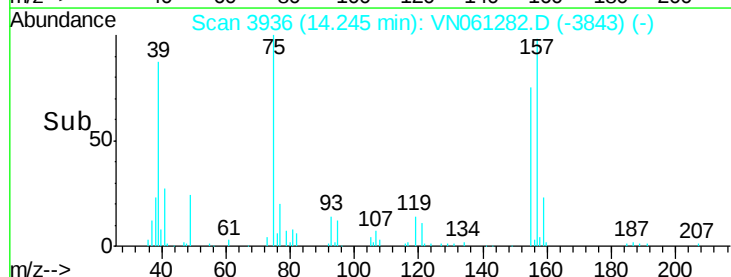
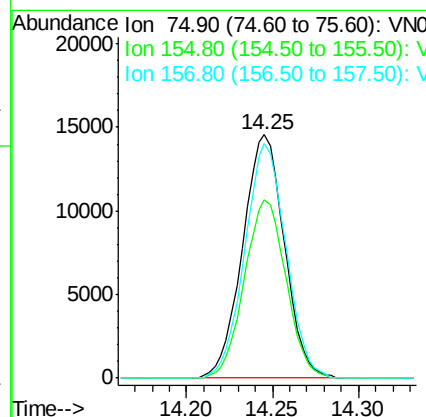
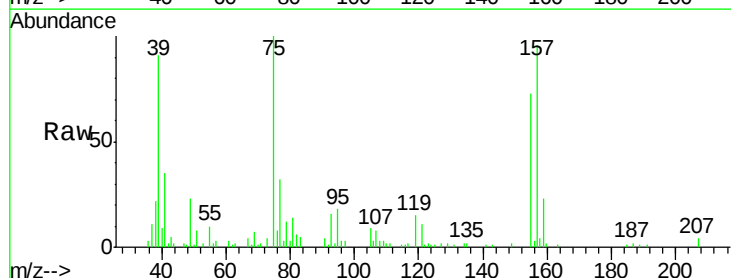
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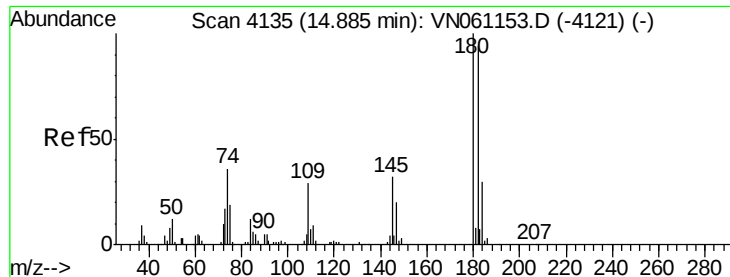
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.651 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	36.5	109.7
157	94.8	46.6	139.7





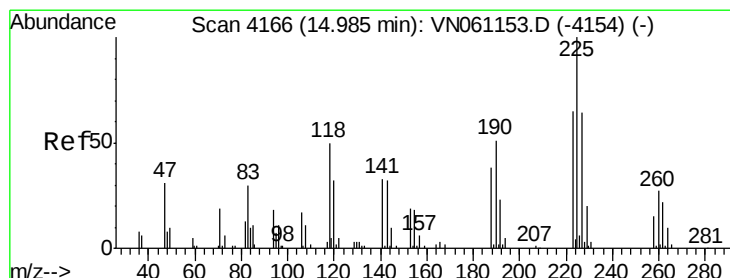
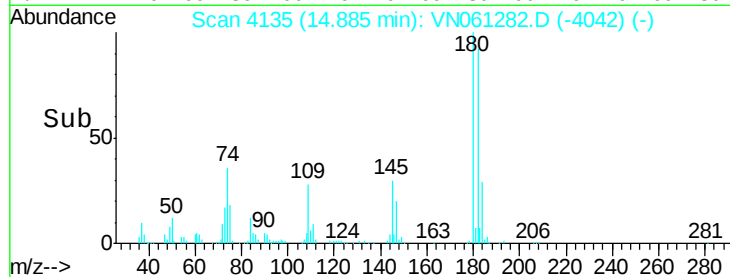
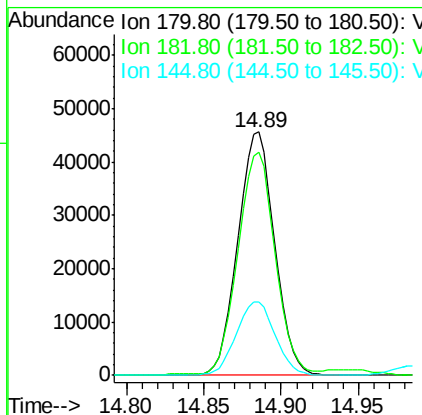
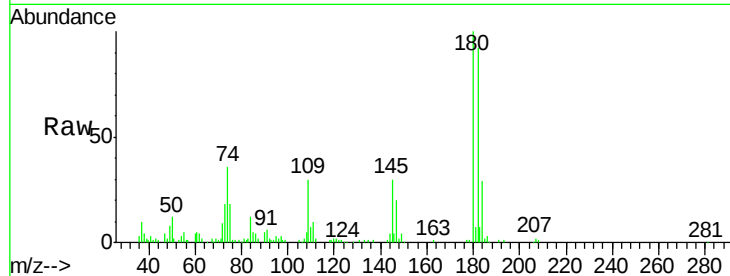
#93
 1,2,4-Trichlorobenzene
 Concen: 47.901 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	141.9
145	31.9	16.0	47.9

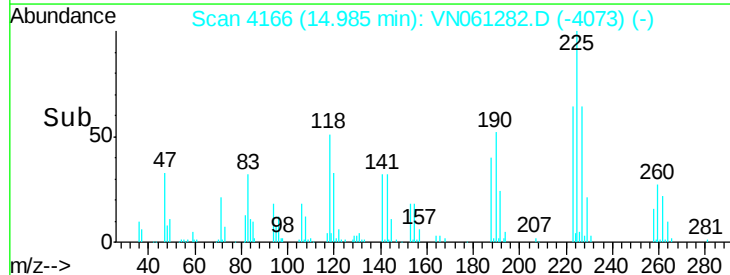
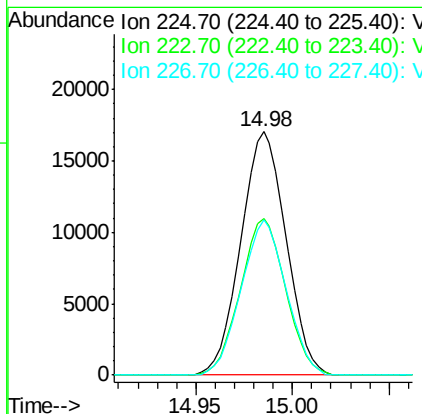
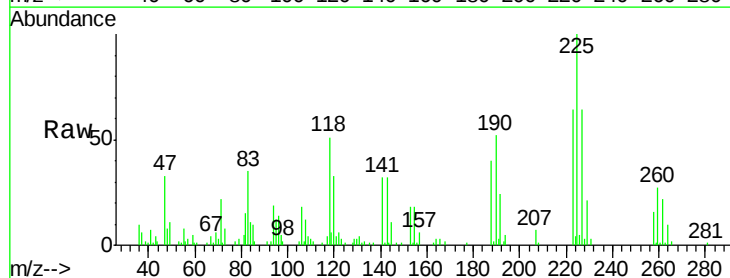
Manual Integrations
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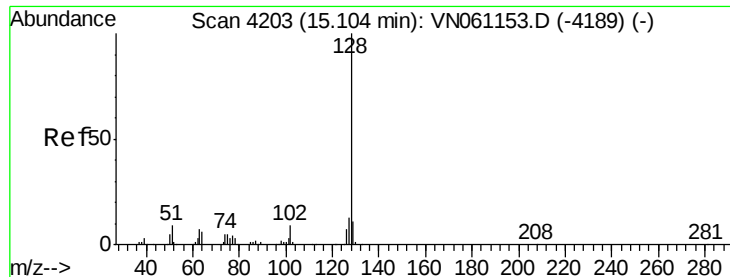
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#94
 Hexachlorobutadiene
 Concen: 42.111 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.4	97.0
227	63.3	32.4	97.0





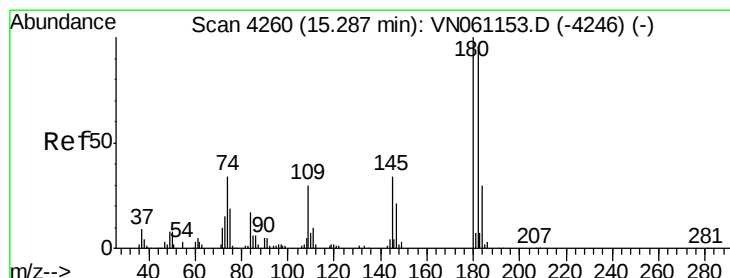
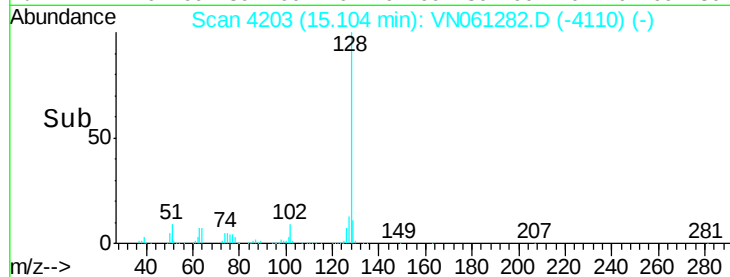
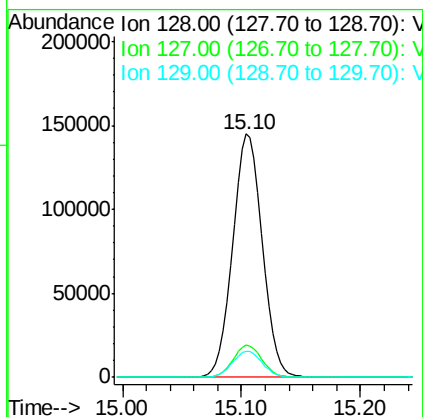
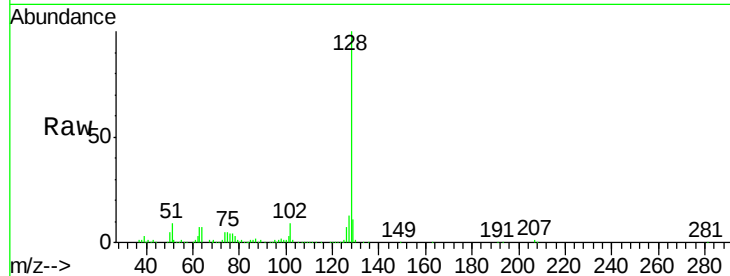
#95
Naphthalene
Concen: 48.694 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	249932		
127	13.1		10.4	15.6
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:36:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 43.901 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68311		
182	94.5		47.5	142.5
145	33.9		16.9	50.7

