

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062565.D
 Acq On : 21 Jul 2020 10:59
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:31 PM

Quant Time: Jul 21 18:50:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	228139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	385517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	340412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	2885	1.226	ug/l	99
3) Chloromethane	2.04	50	3974	1.076	ug/l	89
4) Vinyl Chloride	2.16	62	3151	1.031	ug/l	95
6) Chloroethane	2.67	64	1314	0.767	ug/l	89
7) Trichlorofluoromethane	2.98	101	3780	0.981	ug/l	90
8) Diethyl Ether	3.37	74	1551	0.896	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2106m	0.918	ug/l	
12) 1,1-Dichloroethene	3.70	96	2234	0.954	ug/l	92
14) Allyl chloride	4.27	41	4778	0.878	ug/l	96
15) Acrylonitrile	4.93	53	6391m	4.224	ug/l	
16) Acetone	3.78	43	7134	4.872	ug/l	97
17) Carbon Disulfide	4.01	76	8257	1.119	ug/l	99
18) Methyl Acetate	4.29	43	3417	0.936	ug/l #	78
19) Methyl tert-butyl Ether	4.99	73	8195m	0.924	ug/l	
20) Methylene Chloride	4.50	84	3558	1.117	ug/l #	94
21) trans-1,2-Dichloroethene	4.99	96	2562m	1.010	ug/l	
22) Diisopropyl ether	5.90	45	9307	0.866	ug/l #	62
23) Vinyl Acetate	5.85	43	35288	3.963	ug/l	100
24) 1,1-Dichloroethane	5.79	63	5168	0.925	ug/l #	85
25) 2-Butanone	6.79	43	8586	4.010	ug/l	94
26) 2,2-Dichloropropane	6.77	77	4864	1.123	ug/l #	71
27) cis-1,2-Dichloroethene	6.78	96	2869	0.976	ug/l	88
28) Bromochloromethane	7.15	49	2360	0.783	ug/l #	94
29) Tetrahydrofuran	7.16	42	5761	3.988	ug/l #	73
30) Chloroform	7.33	83	5163	1.017	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	4013	0.948	ug/l #	52
36) 1,1-Dichloropropene	7.75	75	3703	0.954	ug/l	93
37) Ethyl Acetate	6.88	43	3954	0.876	ug/l #	69
38) Carbon Tetrachloride	7.73	117	3463	0.977	ug/l #	81
39) Methylcyclohexane	9.04	83	3942	0.952	ug/l	97
40) Benzene	8.00	78	11804	1.026	ug/l	96
41) Methacrylonitrile	7.15	41	1875m	1.014	ug/l	
42) 1,2-Dichloroethane	8.09	62	4130	0.980	ug/l	81
43) Isopropyl Acetate	8.12	43	5831	0.818	ug/l #	71

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2594	1.012	ug/l	94
45) 1,2-Dichloropropane	9.08	63	3170	0.955	ug/l #	88
46) Dibromomethane	9.17	93	1735	0.920	ug/l	97
47) Bromodichloromethane	9.37	83	4085	1.016	ug/l	87
48) Methyl methacrylate	9.16	41	2861	0.822	ug/l	91
49) 1,4-Dioxane	9.17	88	814	15.876	ug/l #	81
51) 4-Methyl-2-Pentanone	9.95	43	17612	4.142	ug/l	96
52) Toluene	10.12	92	6157	0.922	ug/l	94
53) t-1,3-Dichloropropene	10.36	75	3995	0.884	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	4268	0.858	ug/l	92
55) 1,1,2-Trichloroethane	10.53	97	2321	0.890	ug/l	95
56) Ethyl methacrylate	10.40	69	3104	0.715	ug/l	95
57) 1,3-Dichloropropane	10.68	76	4446	0.922	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.66	63	4103	2.740	ug/l #	90
59) 2-Hexanone	10.72	43	10842	3.509	ug/l	92
60) Dibromochloromethane	10.87	129	2461	0.862	ug/l	91
61) 1,2-Dibromoethane	10.98	107	2555	0.963	ug/l	99
64) Tetrachloroethene	10.60	164	2156	1.060	ug/l #	83
65) Chlorobenzene	11.40	112	6647	1.001	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.48	131	2624	1.072	ug/l #	64
67) Ethyl Benzene	11.48	91	11463	0.924	ug/l	99
68) m/p-Xylenes	11.59	106	7858	1.781	ug/l	97
69) o-Xylene	11.92	106	3476	0.811	ug/l	93
70) Styrene	11.94	104	5424	0.765	ug/l	96
71) Bromoform	12.10	173	1566	0.870	ug/l #	99
73) Isopropylbenzene	12.22	105	9140	0.956	ug/l	99
74) N-amyl acetate	12.05	43	3281	0.714	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	3819	1.189	ug/l #	94
76) 1,2,3-Trichloropropane	12.53	75	3333m	1.087	ug/l	
77) Bromobenzene	12.50	156	2410	1.105	ug/l	94
78) n-propylbenzene	12.57	91	10843	0.973	ug/l	92
79) 2-Chlorotoluene	12.65	91	6784	1.000	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	6669	0.847	ug/l	100
82) 4-Chlorotoluene	12.75	91	6536	0.948	ug/l	91
83) tert-Butylbenzene	12.97	119	5969	0.897	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	6751	0.865	ug/l	91
85) sec-Butylbenzene	13.15	105	7758	0.881	ug/l	97
86) p-Isopropyltoluene	13.26	119	6180	0.813	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	4221	1.122	ug/l	92
88) 1,4-Dichlorobenzene	13.34	146	4019m	1.040	ug/l	
89) n-Butylbenzene	13.59	91	5993	0.897	ug/l	97
90) Hexachloroethane	13.84	117	1682	1.122	ug/l	89
91) 1,2-Dichlorobenzene	13.63	146	3820	1.048	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	620	1.060	ug/l	86
93) 1,2,4-Trichlorobenzene	14.89	180	1577	0.964	ug/l	97
94) Hexachlorobutadiene	14.98	225	1577	1.614	ug/l	92
95) Naphthalene	15.11	128	5928	1.294	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.28	180	1779	1.045	ug/l	74

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VSTDICC001

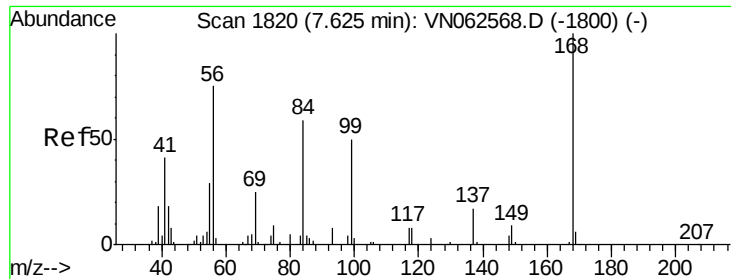
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 228139

Ion Ratio Lower Upper

168 100

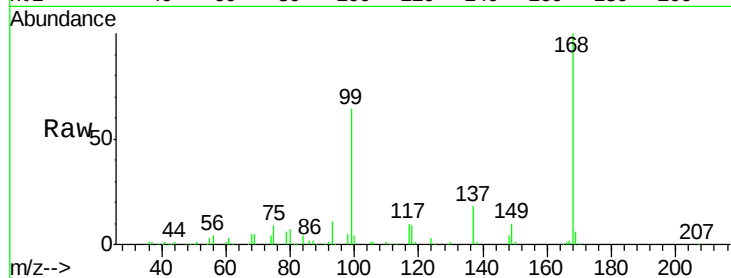
99 63.7 48.4 72.6

Manual Integrations

APPROVED

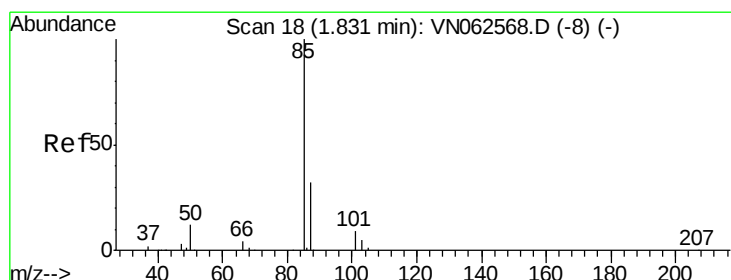
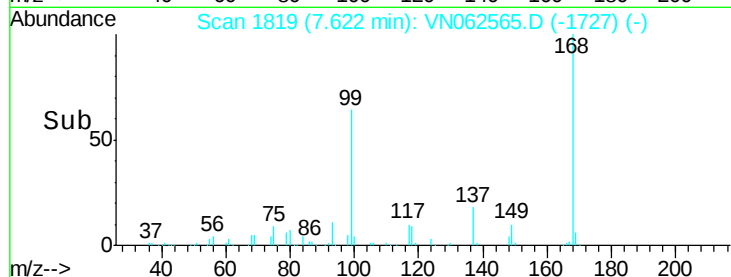
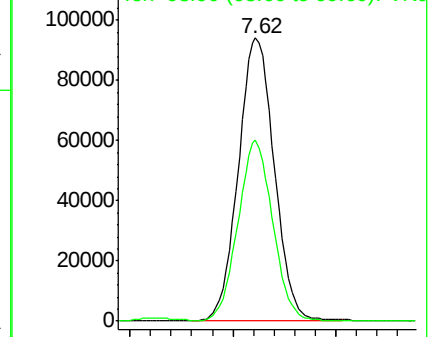
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.226 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062565.D

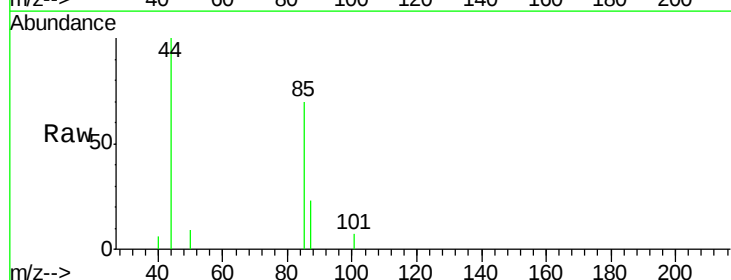
Acq: 21 Jul 2020 10:59

Tgt Ion: 85 Resp: 2885

Ion Ratio Lower Upper

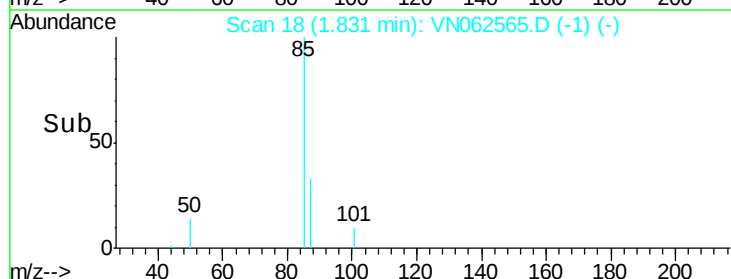
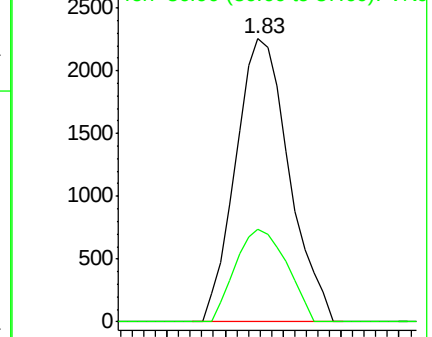
85 100

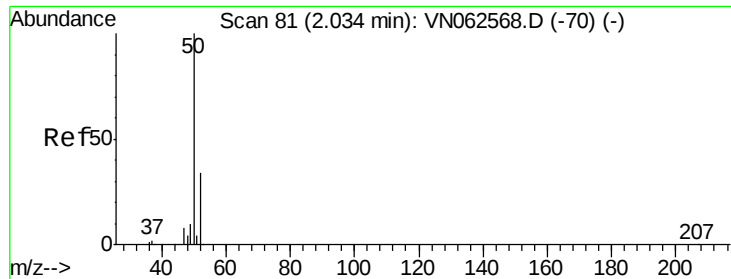
87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.076 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3974

Ion Ratio Lower Upper

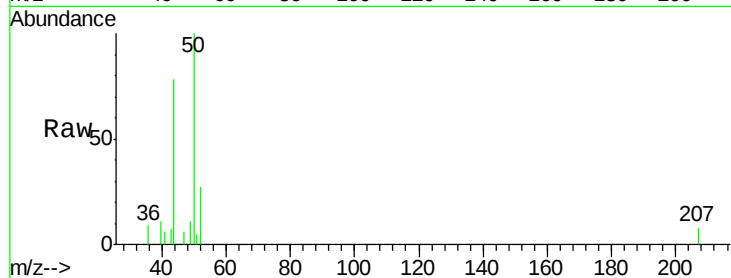
50 100

52 27.4 27.0 40.4

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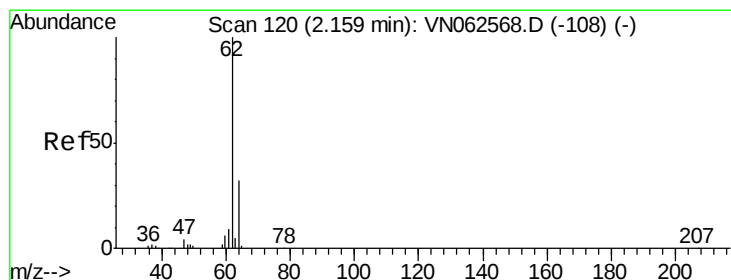
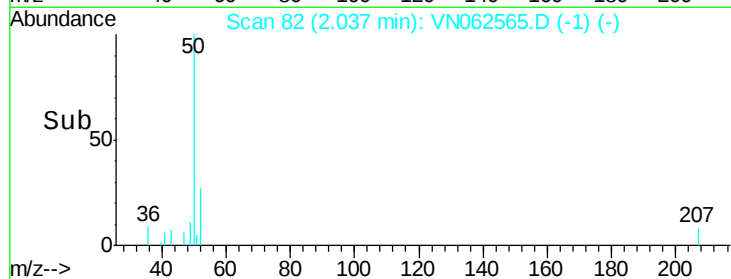
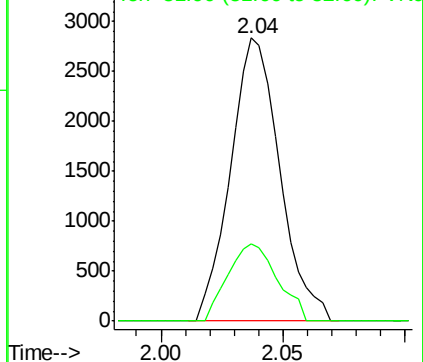
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.031 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062565.D

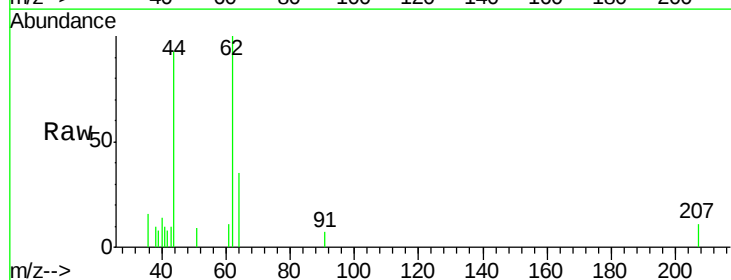
Acq: 21 Jul 2020 10:59

Tgt Ion: 62 Resp: 3151

Ion Ratio Lower Upper

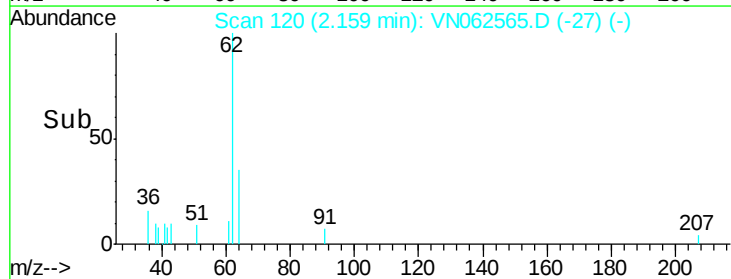
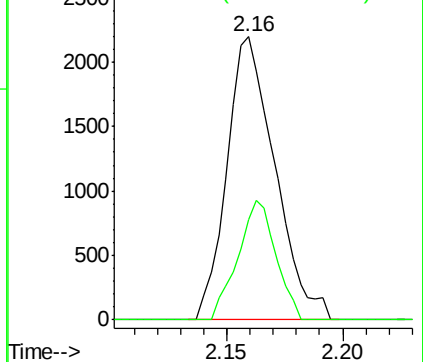
62 100

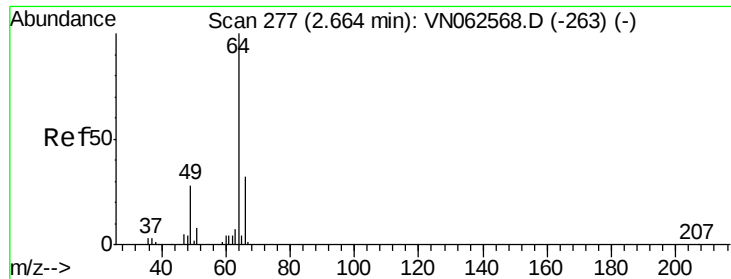
64 35.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 0.767 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 1314

Ion Ratio Lower Upper

64 100

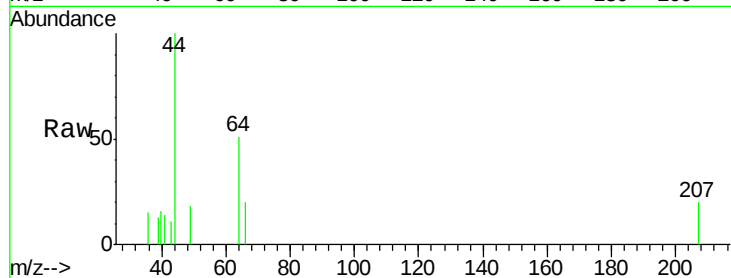
66 38.7 25.8 38.8

Manual Integrations

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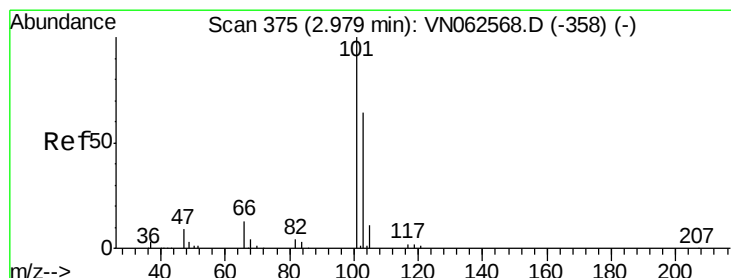
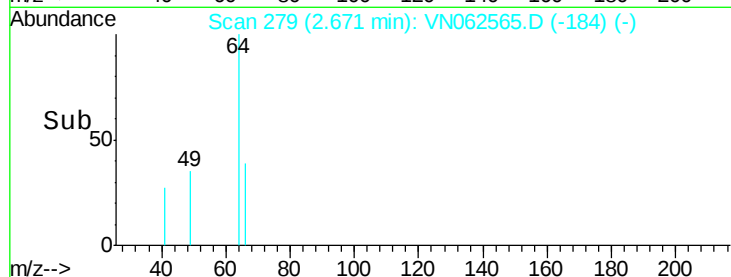
Abundance Ion 63.90 (63.60 to 64.60): VN062568.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN062568.D (-263) (-)

2.67

2.65 2.70

Time-->



#7

Trichlorofluoromethane

Concen: 0.981 ug/l

RT: 2.98 min Scan# 376

Delta R.T. 0.00 min

Lab File: VN062565.D

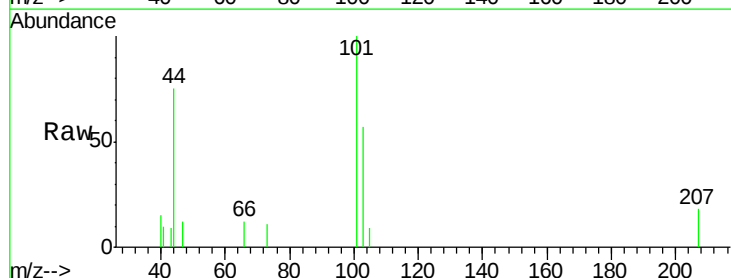
Acq: 21 Jul 2020 10:59

Tgt Ion: 101 Resp: 3780

Ion Ratio Lower Upper

101 100

103 56.9 51.5 77.3



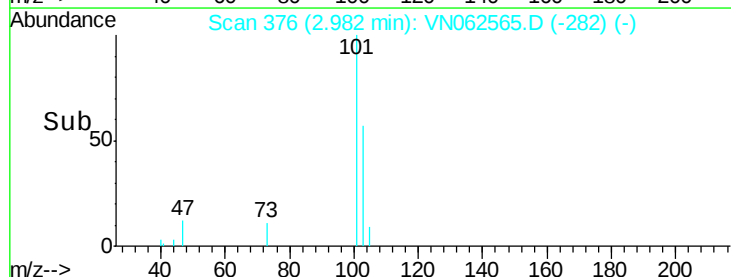
Abundance Ion 100.90 (100.60 to 101.60): VN062568.D (-358) (-)

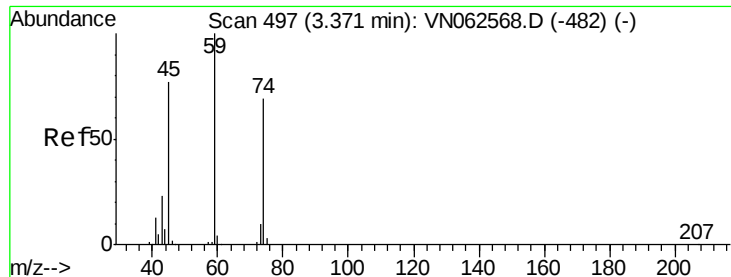
Ion 102.80 (102.50 to 103.50): VN062568.D (-358) (-)

2.98

2.95 3.05

Time-->





#8

Diethyl Ether

Concen: 0.896 ug/l

RT: 3.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1551

Ion Ratio Lower Upper

74 100

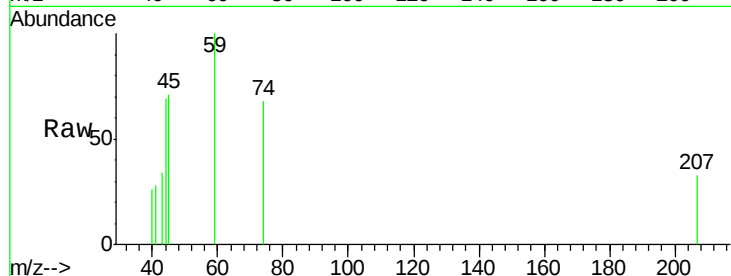
45 114.1 55.3 165.8

Manual Integrations

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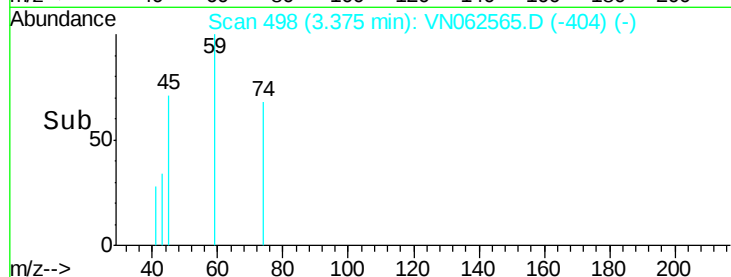


Abundance Ion 74.00 (73.70 to 74.70): VN062568.D (-482) (-)

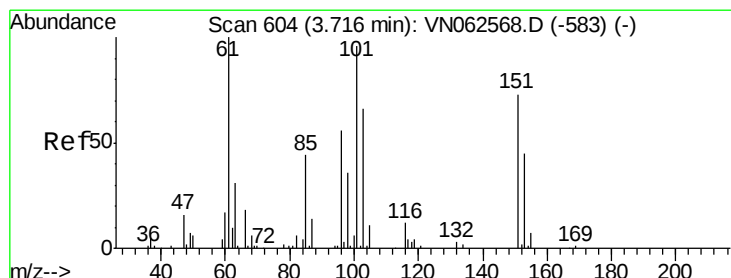
Ion 45.00 (44.70 to 45.70): VN062568.D (-482) (-)

3.37

3.35 3.40



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.918 ug/l m

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

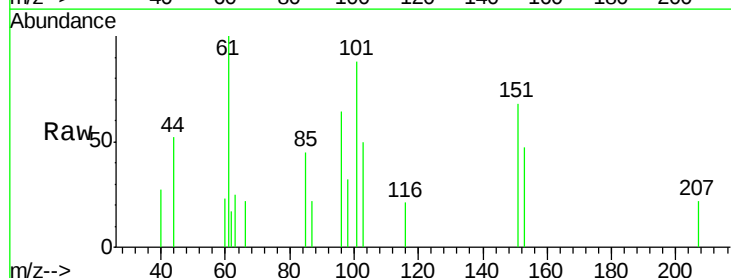
Tgt Ion: 101 Resp: 2106

Ion Ratio Lower Upper

101 100

85 49.4 36.0 54.0

151 75.2 60.0 90.0



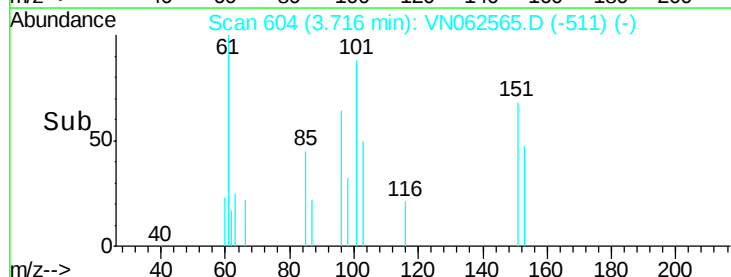
Abundance Ion 100.90 (100.60 to 101.60): VN062568.D (-583) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-583) (-)

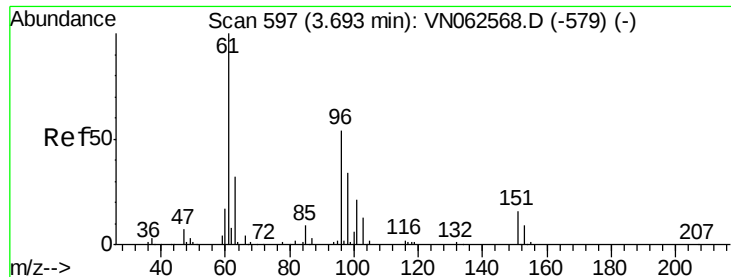
Ion 150.80 (150.50 to 151.50): VN062568.D (-583) (-)

3.72

3.65 3.70 3.75 3.80



Time-->



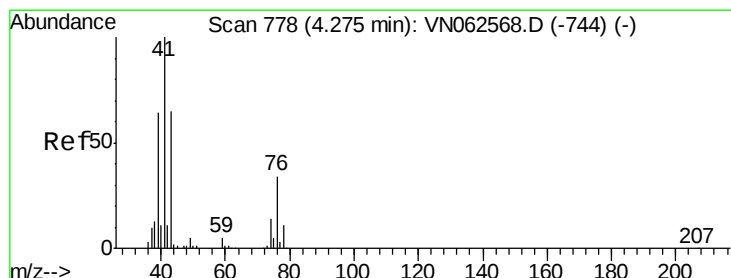
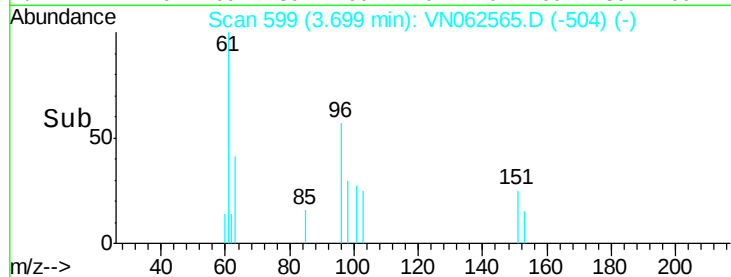
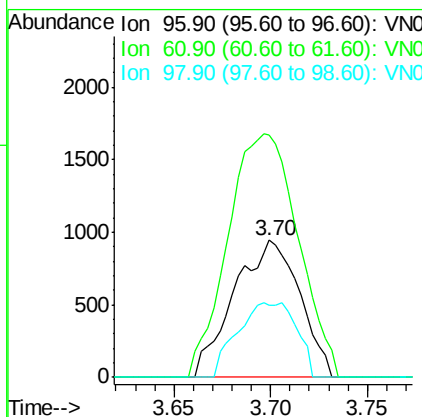
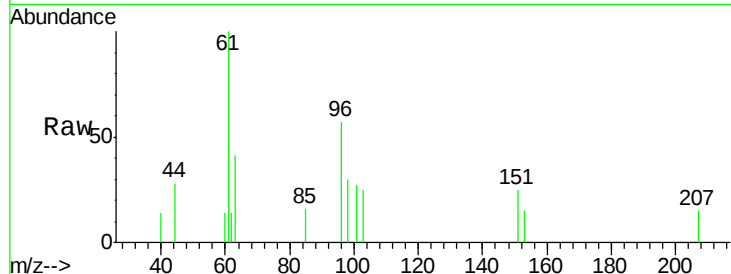
#12
 1,1-Dichloroethene
 Concen: 0.954 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: VN062565.D
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 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	176.6	148.6	222.8
98	52.6	50.6	75.8

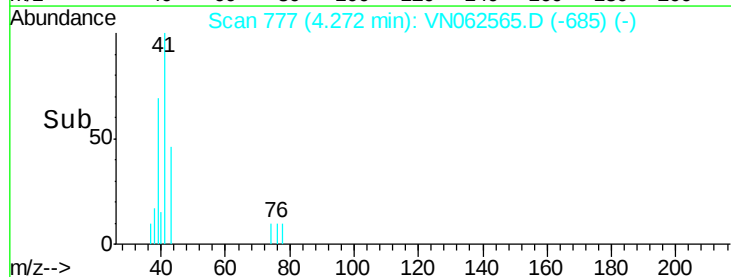
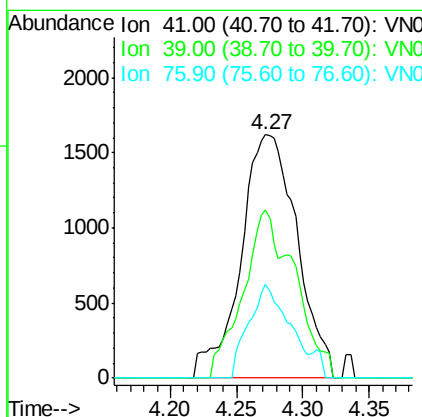
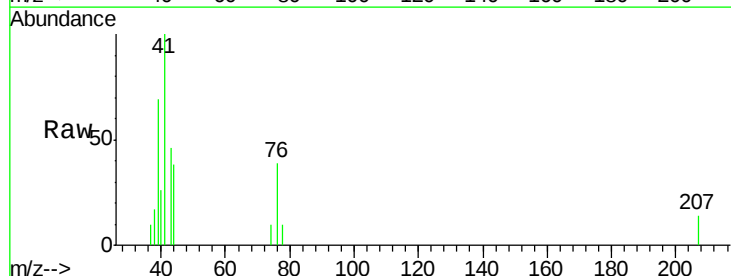
Manual Integrations
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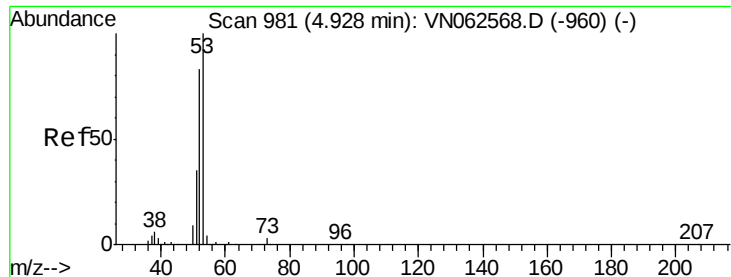
MMDadoda
 7/22/2020 2:45:31 PM



#14
 Allyl chloride
 Concen: 0.878 ug/l
 RT: 4.27 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.7	49.0	73.4
76	27.5	24.0	36.0





#15

Acrylonitrile

Concen: 4.224 ug/l m

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

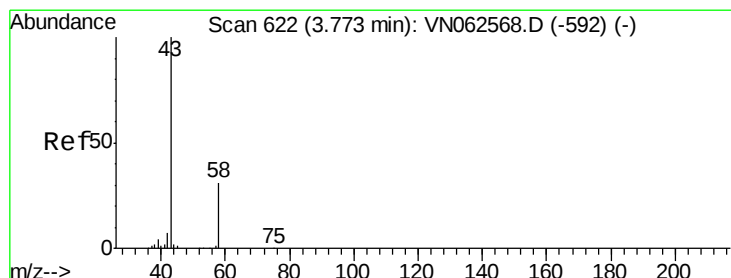
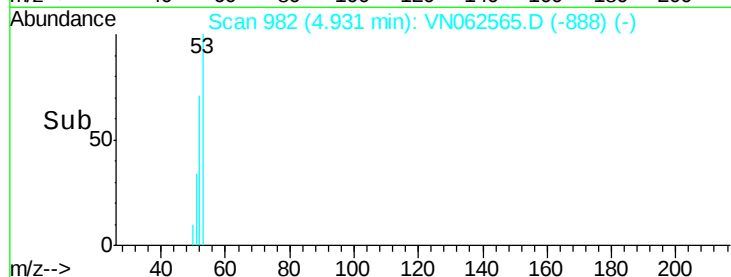
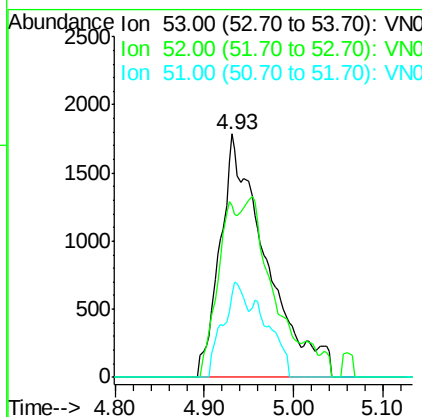
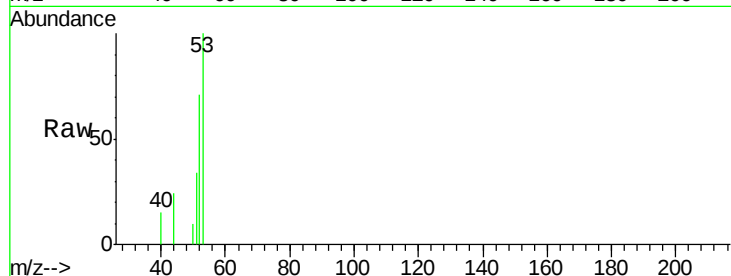
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	6391
Ion	Ratio	Lower	Upper
53	100		
52	31.7	66.3	99.5#
51	20.1	28.6	43.0#

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#16

Acetone

Concen: 4.872 ug/l

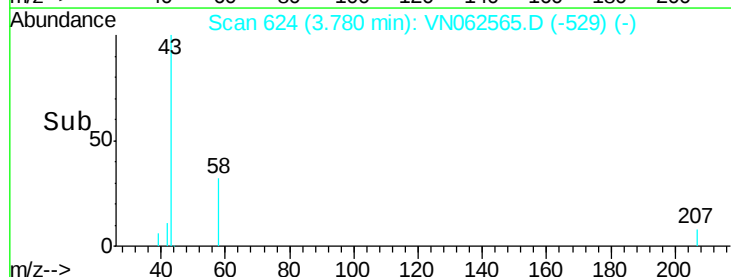
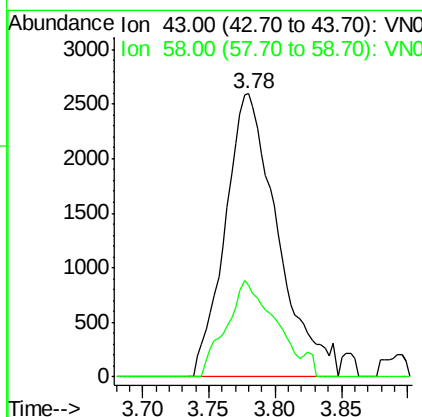
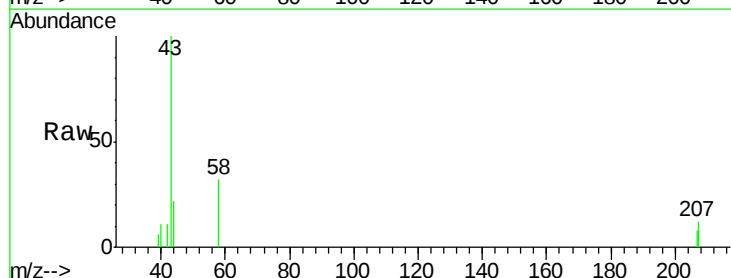
RT: 3.78 min Scan# 624

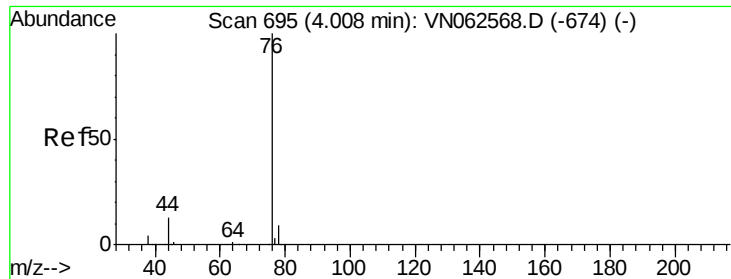
Delta R.T. 0.01 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Tgt Ion:	43	Resp:	7134
Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.6	37.0





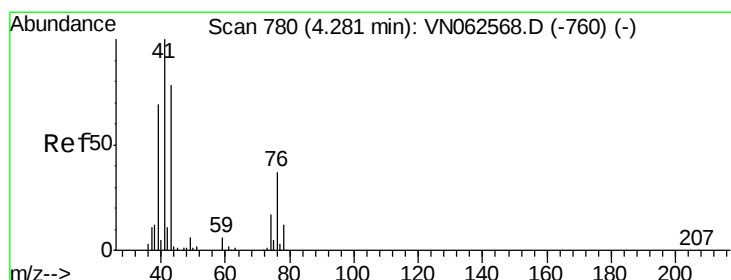
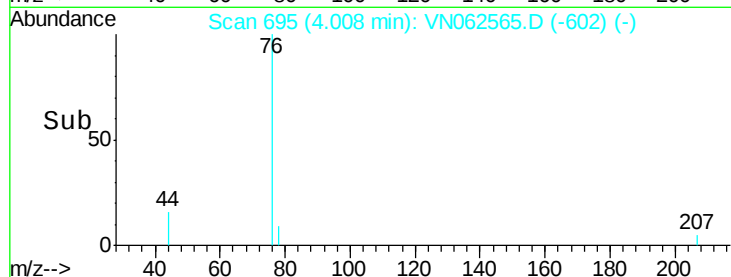
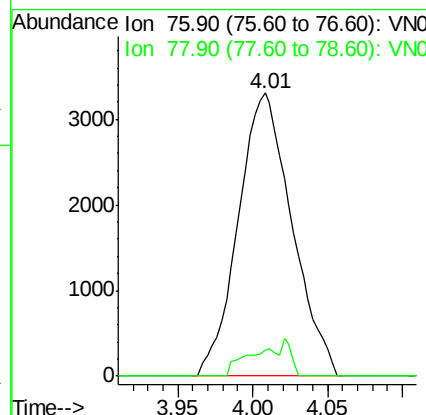
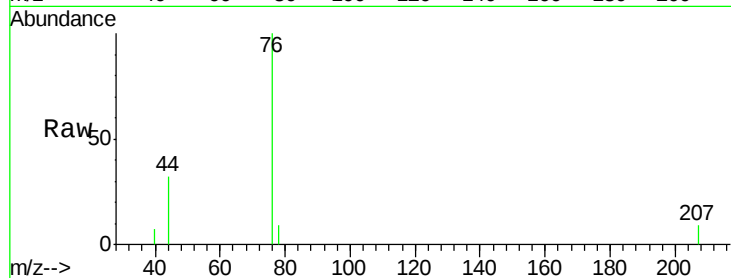
#17
Carbon Disulfide
Concen: 1.119 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

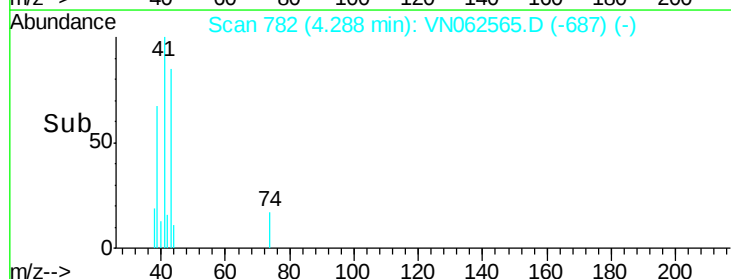
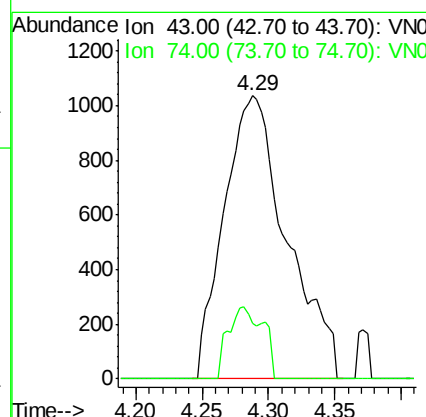
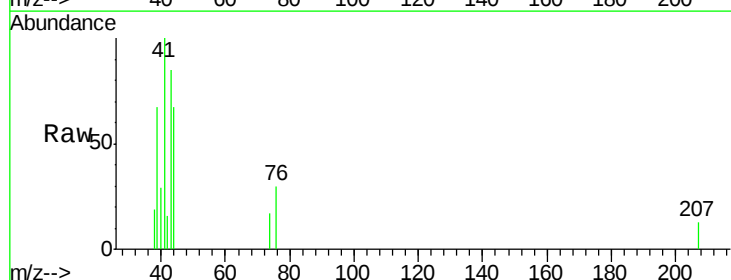
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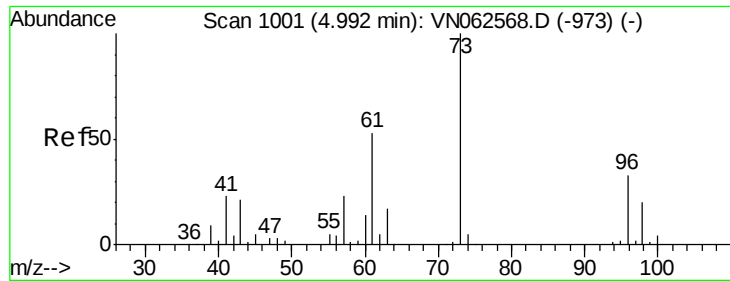
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#18
Methyl Acetate
Concen: 0.936 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	10.7	16.6	24.8#





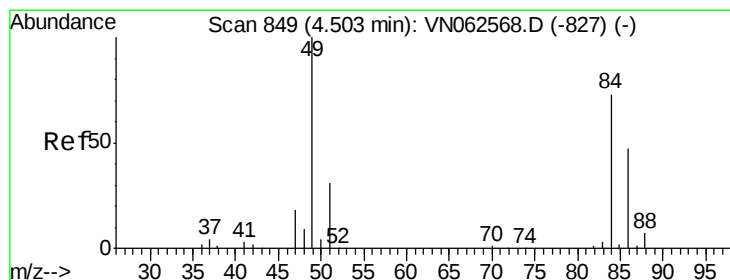
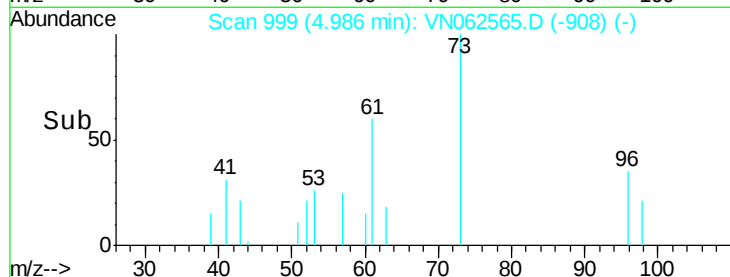
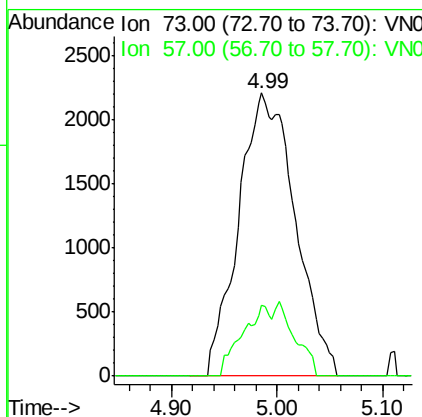
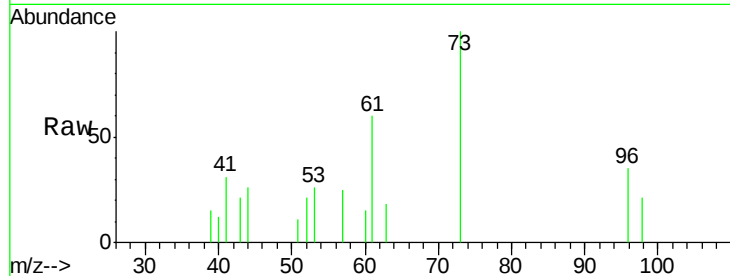
#19
Methvl tert-butvl Ether
Concen: 0.924 ug/l m
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 8195
Ion Ratio Lower Upper
73 100
57 24.9 18.6 27.8

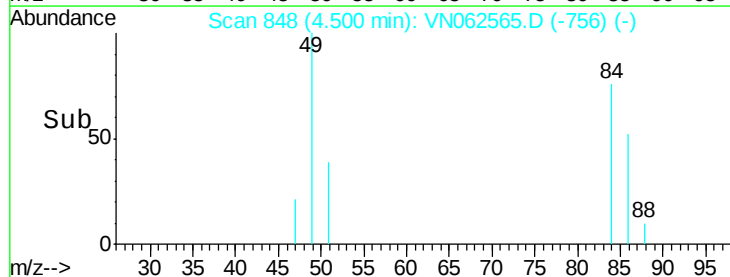
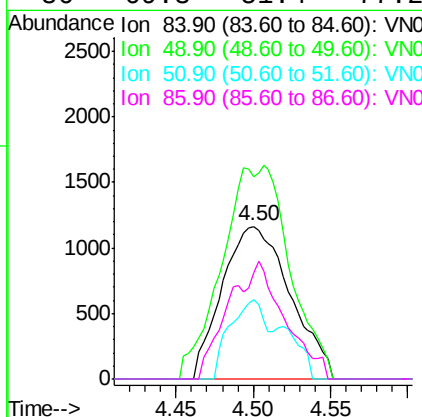
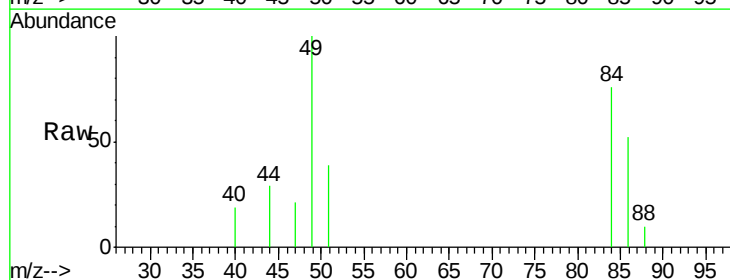
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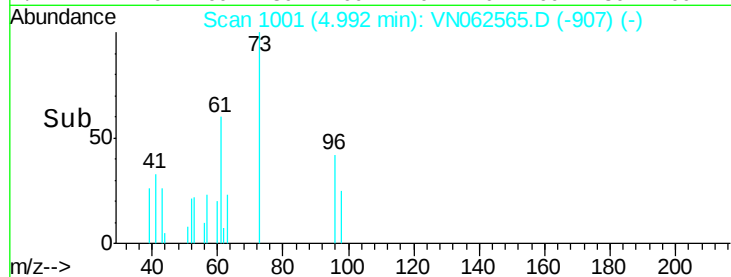
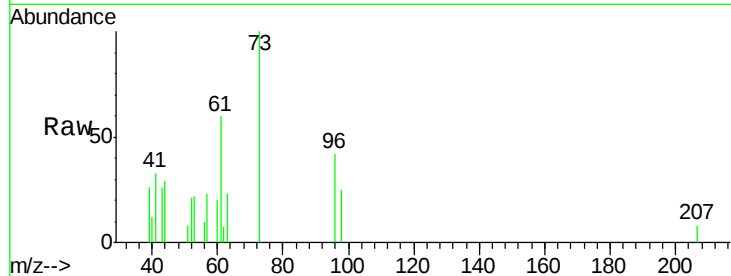
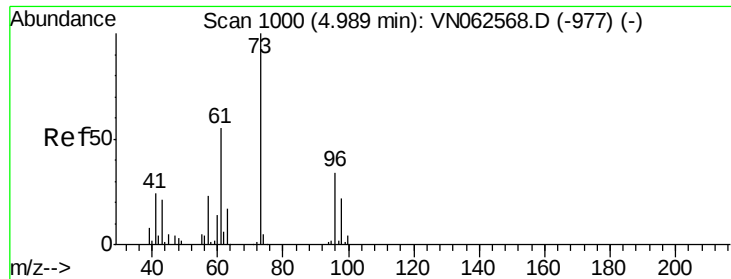
MMDadoda
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#20
Methylene Chloride
Concen: 1.117 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion: 84 Resp: 3558
Ion Ratio Lower Upper
84 100
49 132.1 109.4 164.0
51 51.5 33.6 50.4#
86 69.3 51.4 77.2





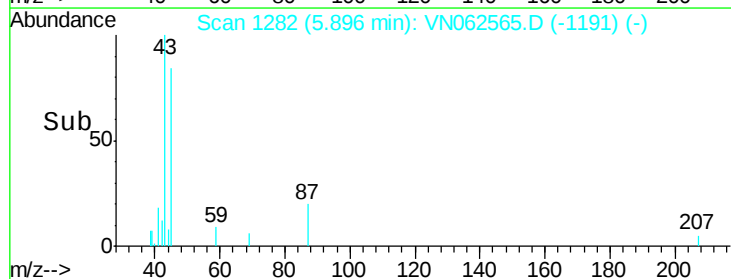
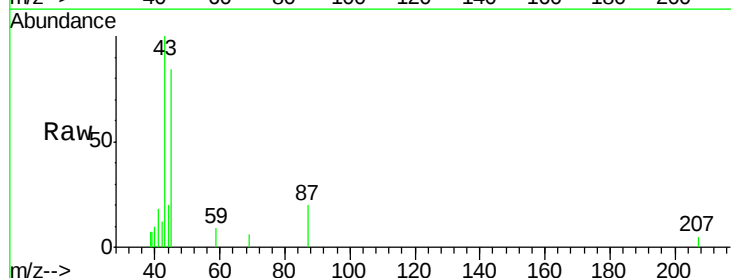
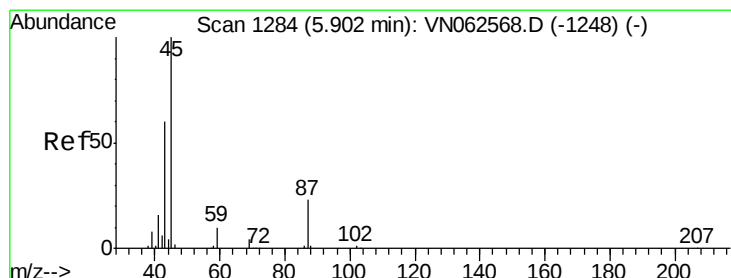
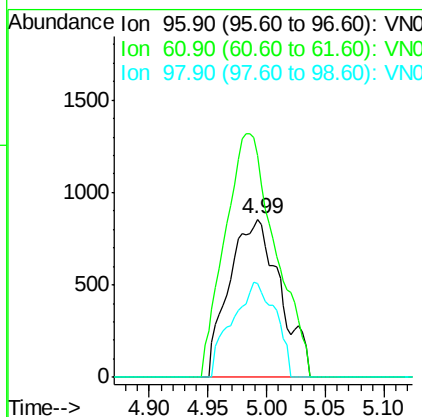
#21
trans-1,2-Dichloroethene
Concen: 1.010 ug/l m
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	128.6	192.8
98	59.2	50.6	76.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

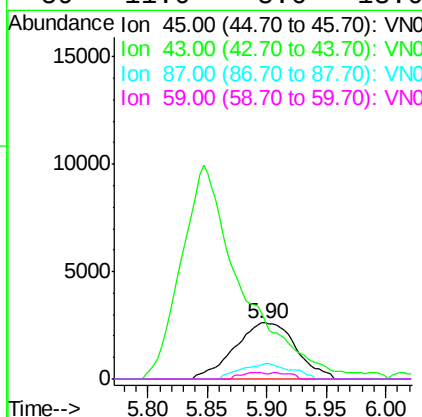
Manual Integrations
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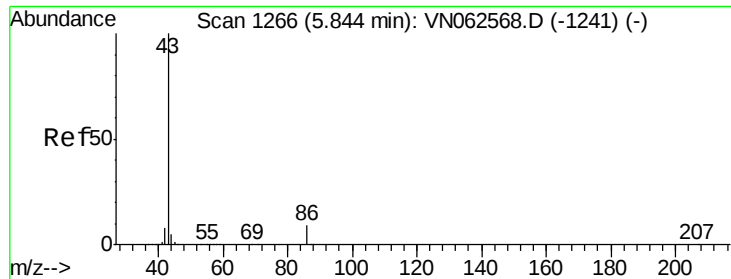
MMDadoda
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#22
Diisopropyl ether
Concen: 0.866 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	105.8	48.7	73.1#
87	24.3	19.0	28.6
59	11.0	8.6	13.0





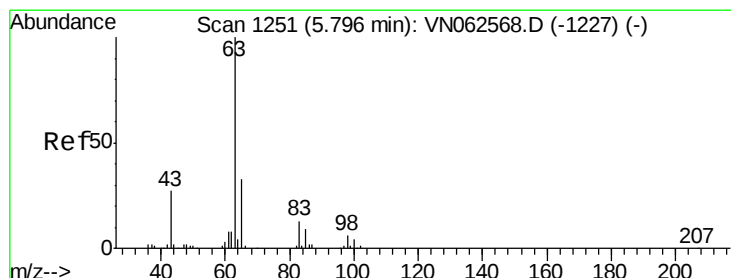
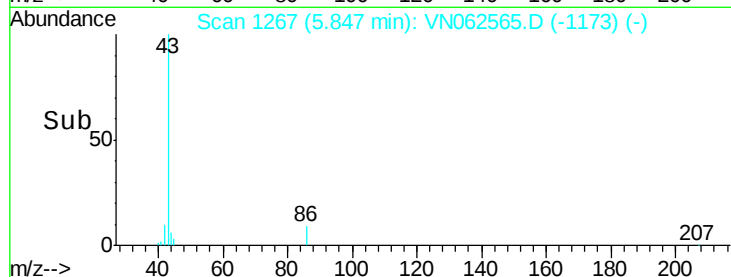
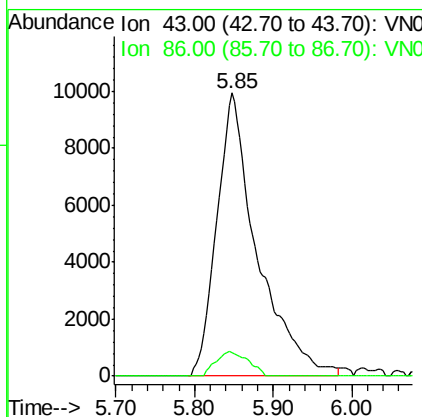
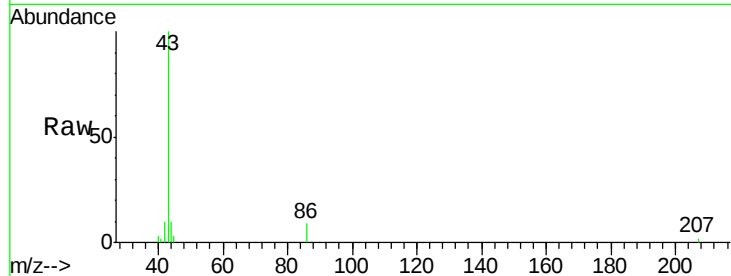
#23
 Vinyl Acetate
 Concen: 3.963 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	43	Resp	35288
Ion Ratio	Lower	Upper	
43	100		
86	8.5	6.9	10.3

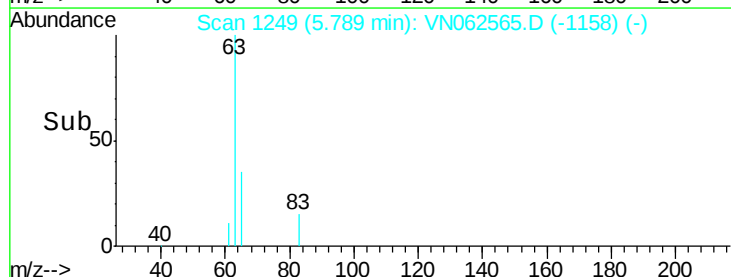
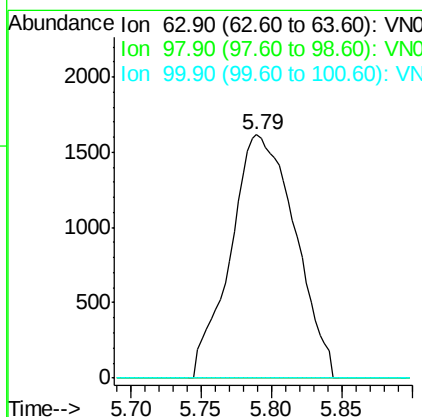
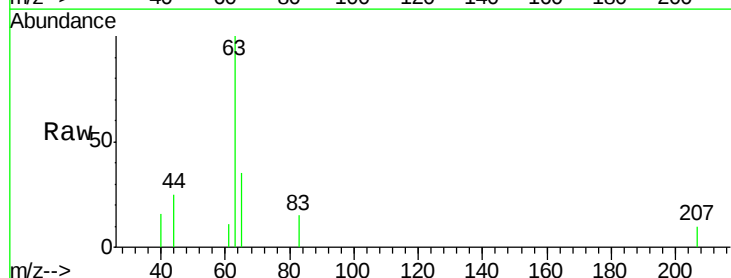
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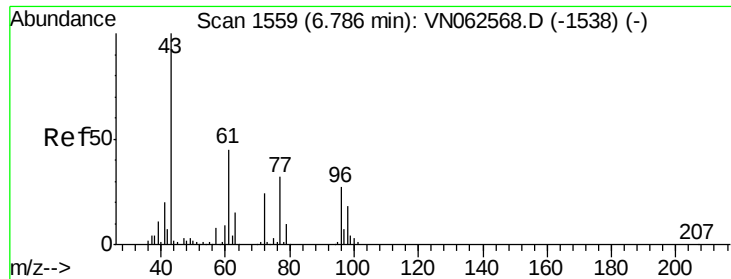
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 0.925 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	63	Resp	5168
Ion Ratio	Lower	Upper	
63	100		
98	0.0	2.9	8.8#
100	0.0	1.8	5.4#





#25

2-Butanone

Concen: 4.010 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 8586

Ion Ratio Lower Upper

43 100

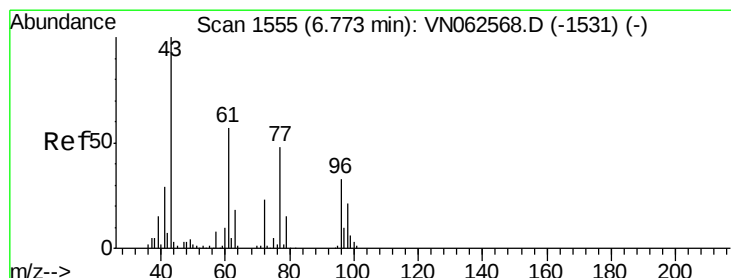
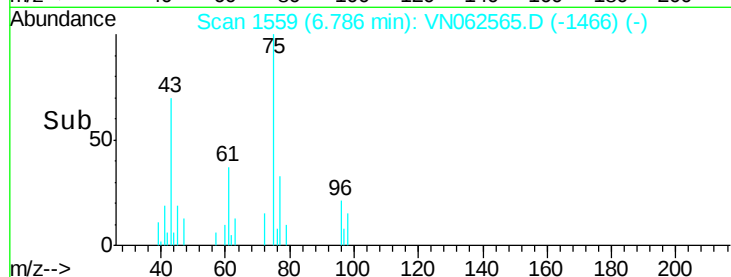
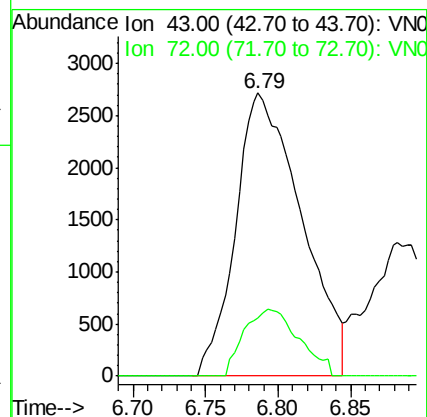
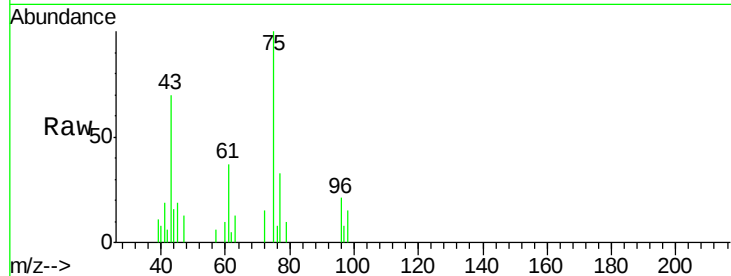
72 20.8 19.0 28.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 1.123 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN062565.D

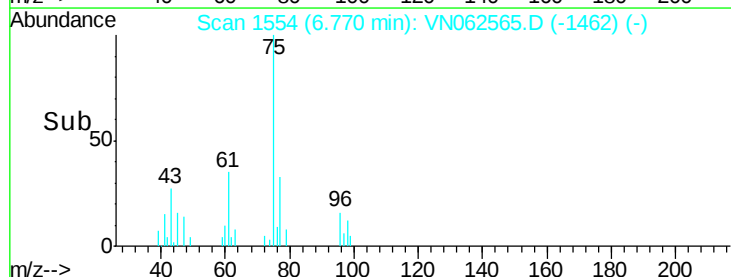
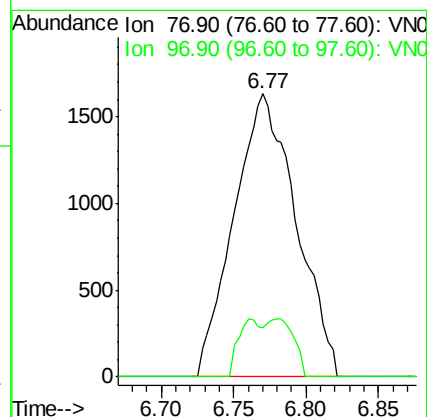
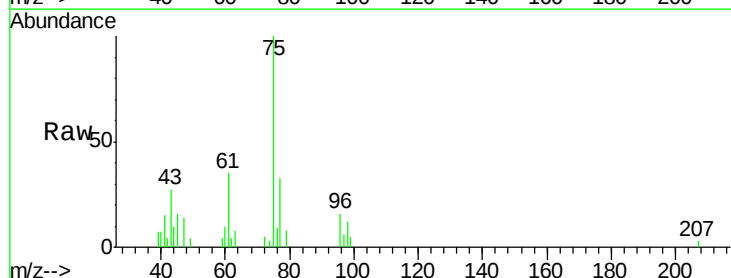
Acq: 21 Jul 2020 10:59

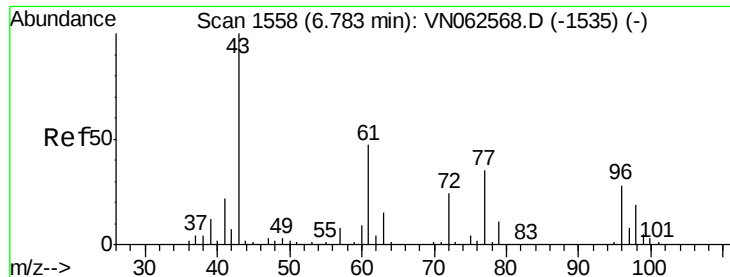
Tgt Ion: 77 Resp: 4864

Ion Ratio Lower Upper

77 100

97 7.7 10.8 32.4#





#27

cis-1,2-Dichloroethene

Concen: 0.976 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

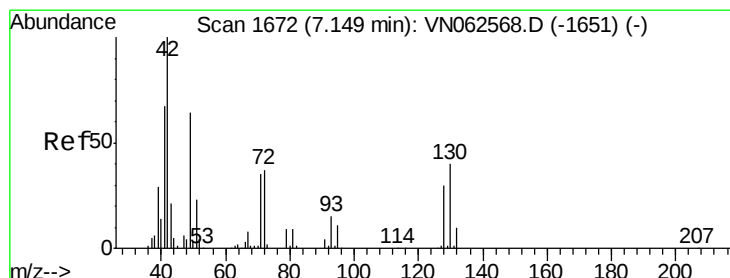
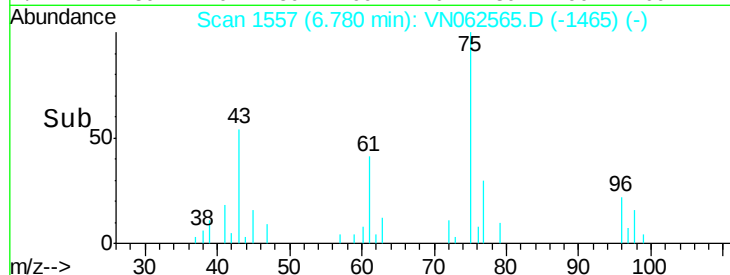
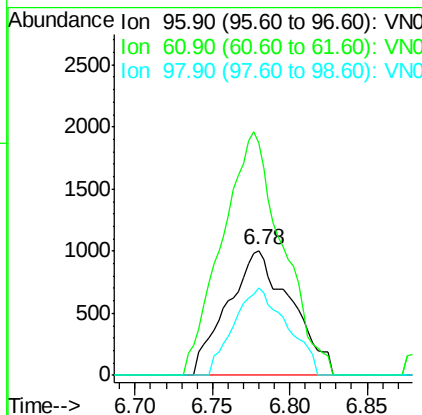
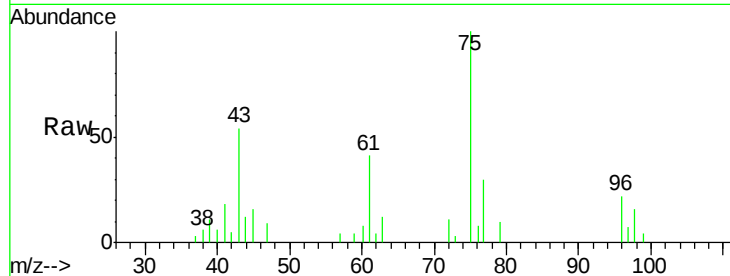
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2869
Ion	Ratio	Lower	Upper
96	100		
61	185.4	0.0	332.4
98	58.9	0.0	127.4

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#28

Bromochloromethane

Concen: 0.783 ug/l

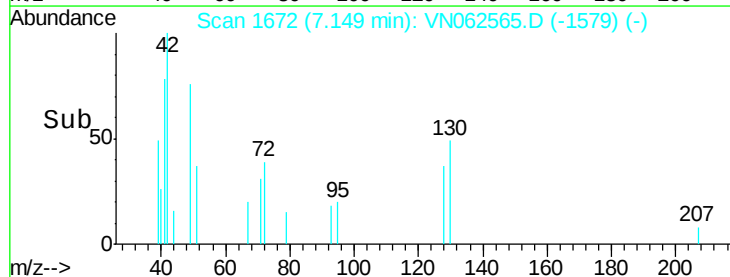
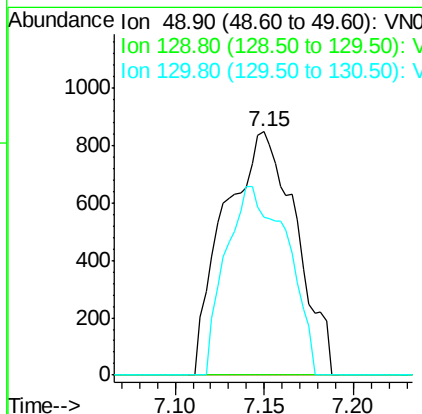
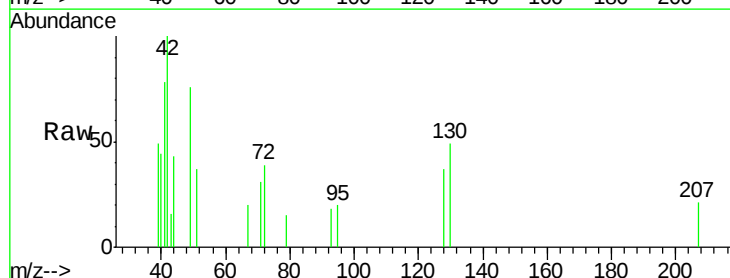
RT: 7.15 min Scan# 1672

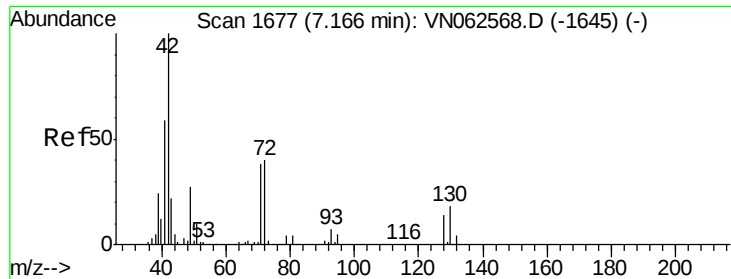
Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Tgt Ion:	49	Resp:	2360
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	66.9	49.8	74.8





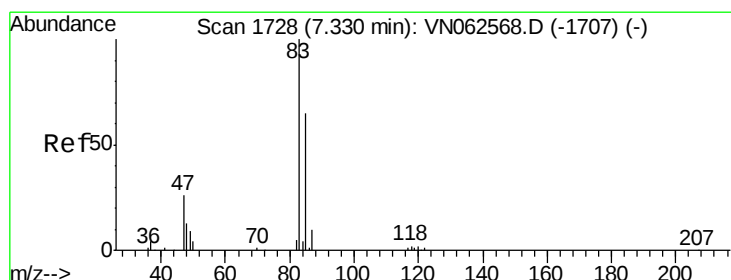
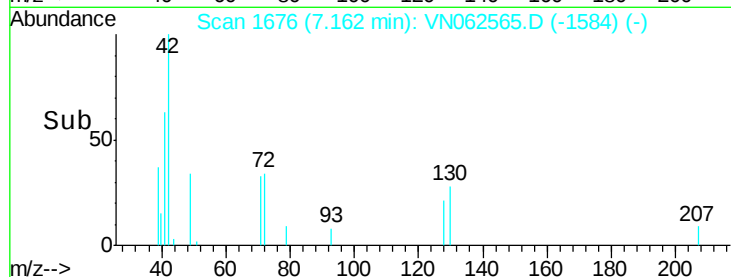
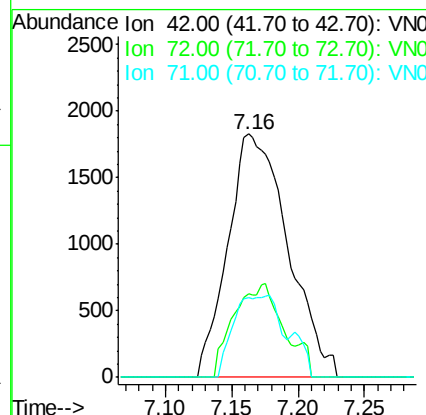
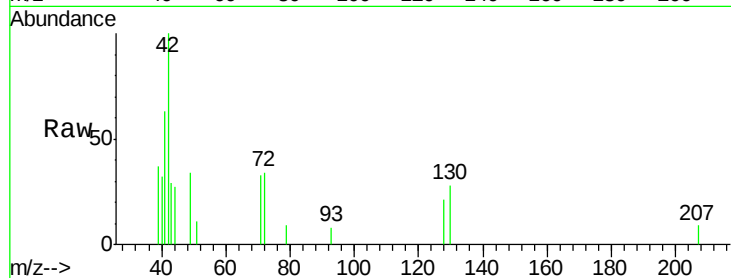
#29
Tetrahydrofuran
Concen: 3.988 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	29.7	30.7	46.1#
71	12.0	29.1	43.7#

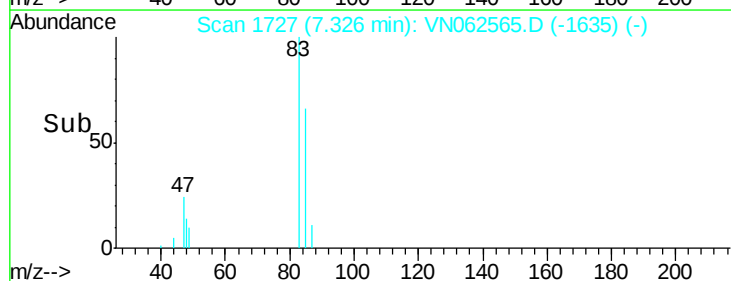
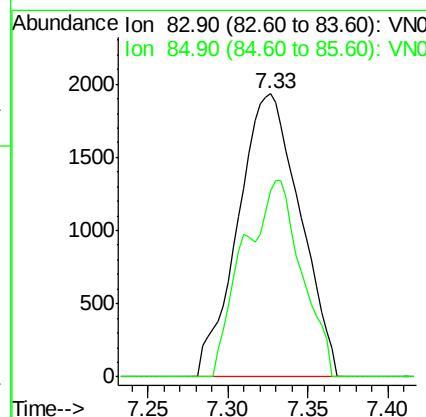
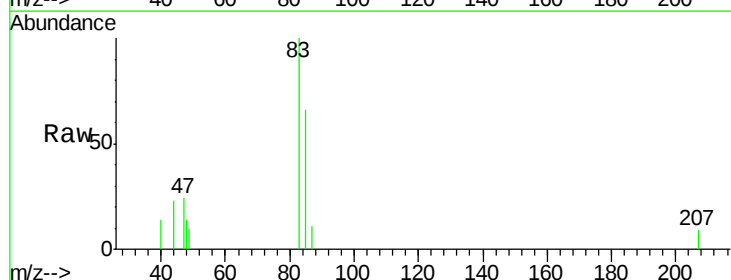
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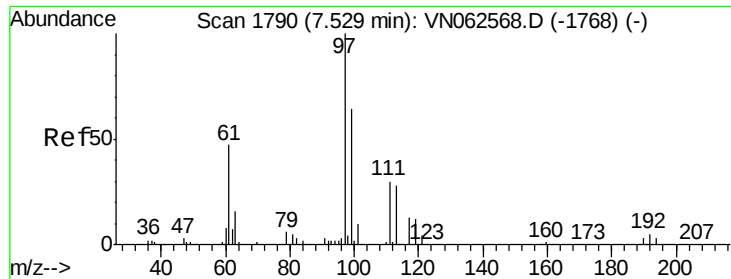
MMDadoda
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#30
Chloroform
Concen: 1.017 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.0	78.0





#32

1,1,1-Trichloroethane

Concen: 0.948 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

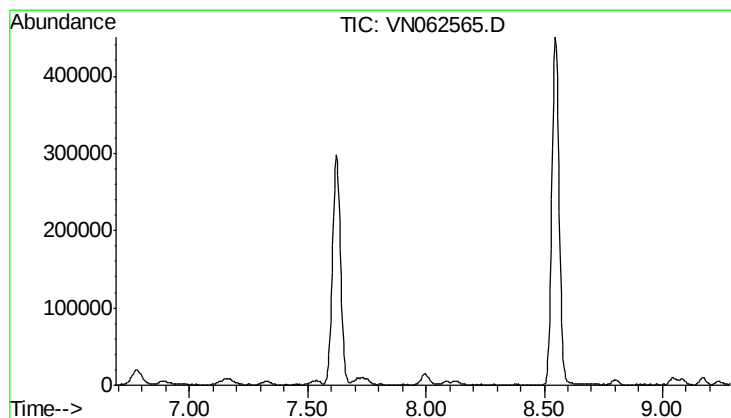
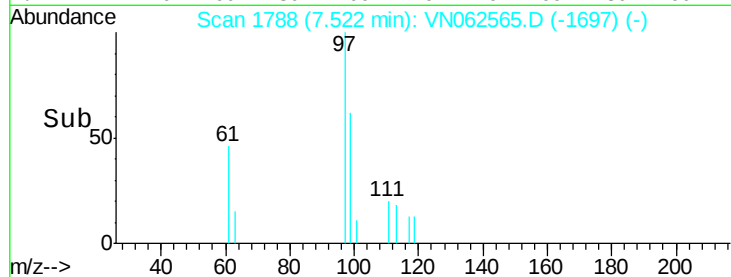
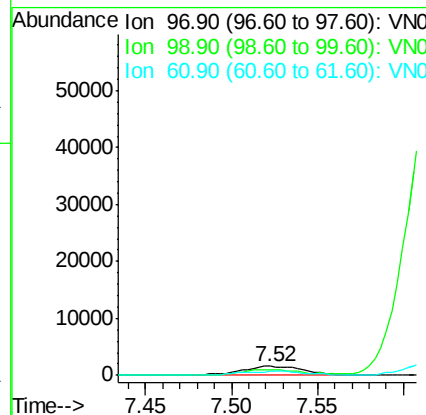
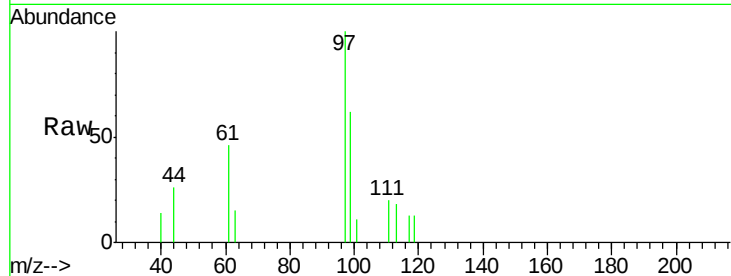
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.2	76.8#	
61	46.7	38.4	57.6	

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN062565.D

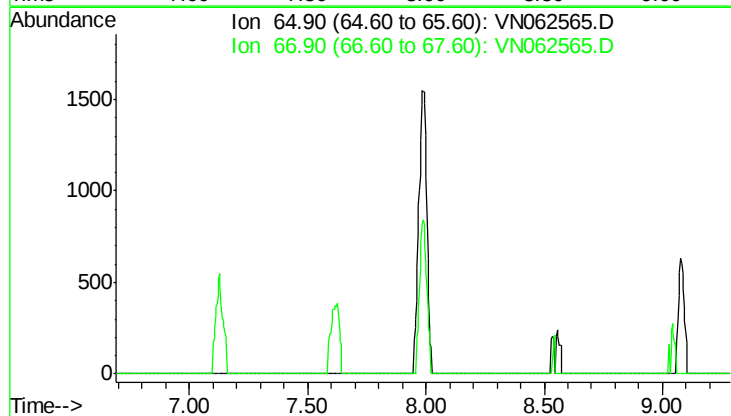
Acq: 21 Jul 2020 10:59

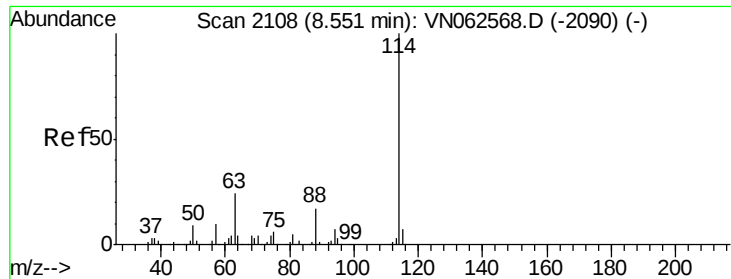
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.0





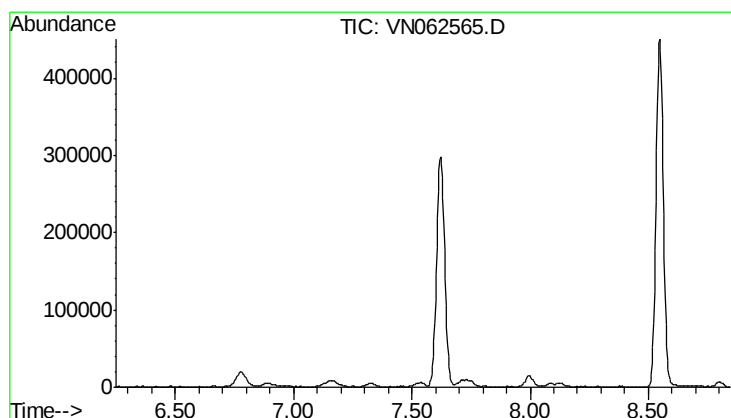
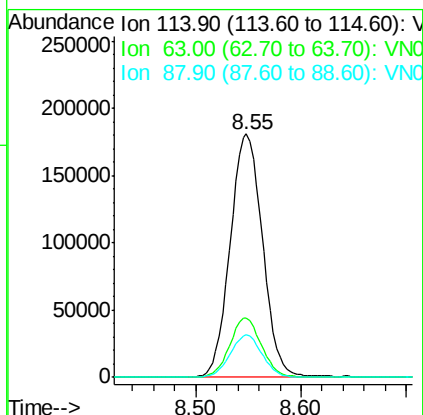
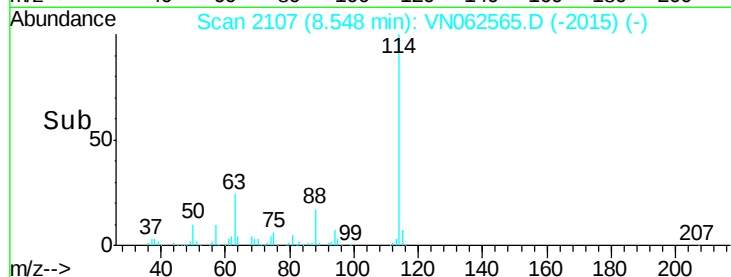
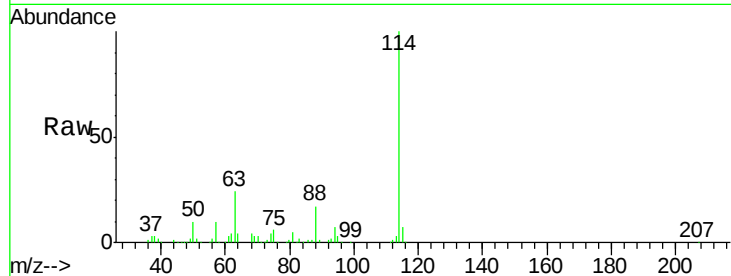
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	24.2	0.0	48.4
88	17.3	0.0	33.8

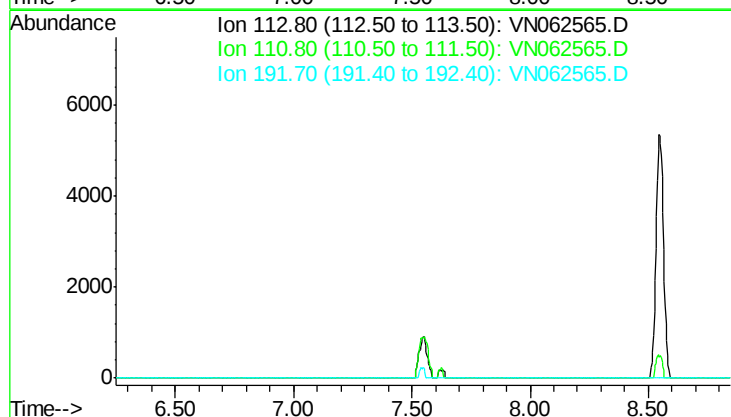
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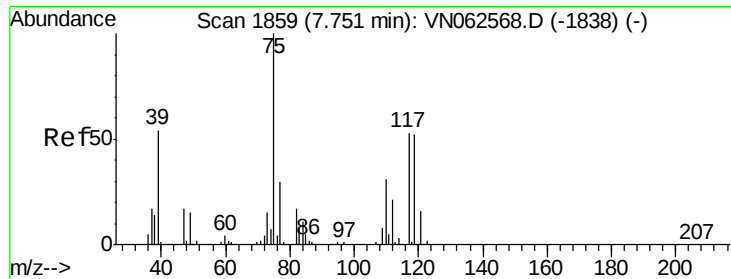
MMDadoda
 7/22/2020 2:45:31 PM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	Exp Ratio
113	100
111	103.4
192	18.5





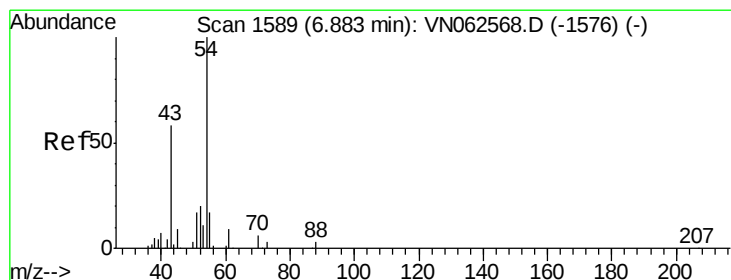
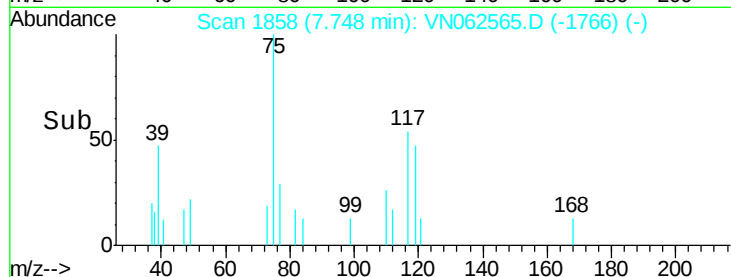
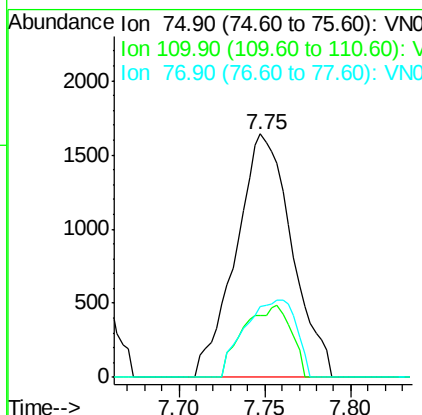
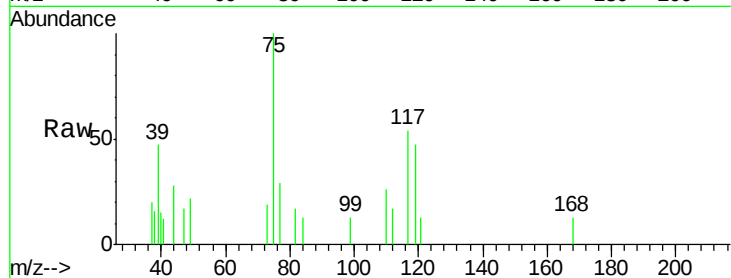
#36
 1,1-Dichloropropene
 Concen: 0.954 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	25.3	16.0	48.0
77	29.3	24.6	36.8

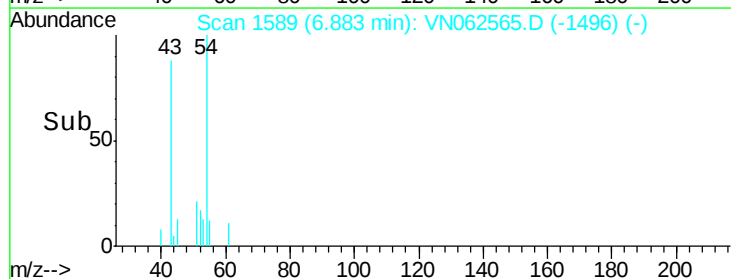
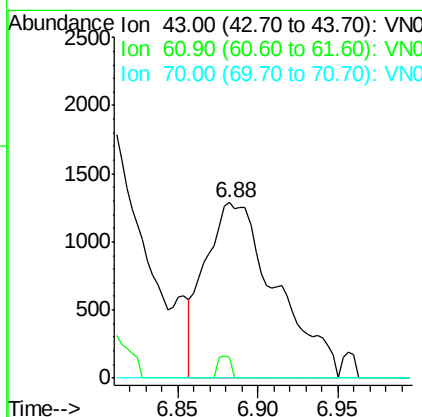
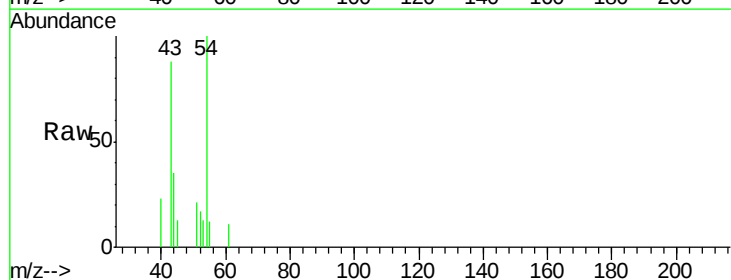
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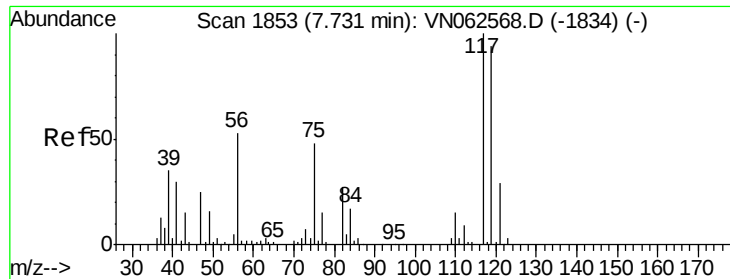
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#37
 Ethyl Acetate
 Concen: 0.876 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	0.0	7.7	11.5#





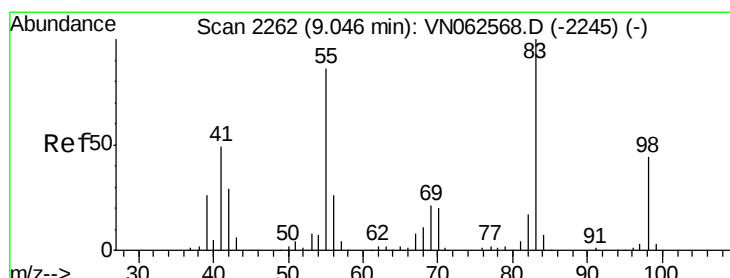
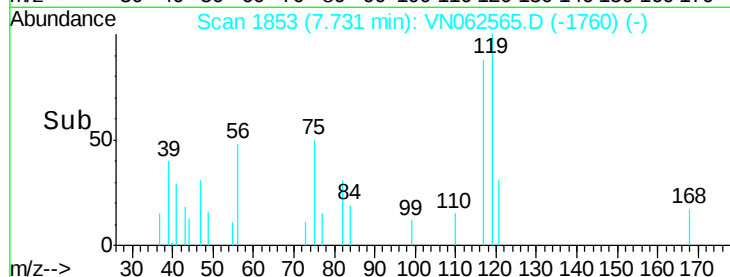
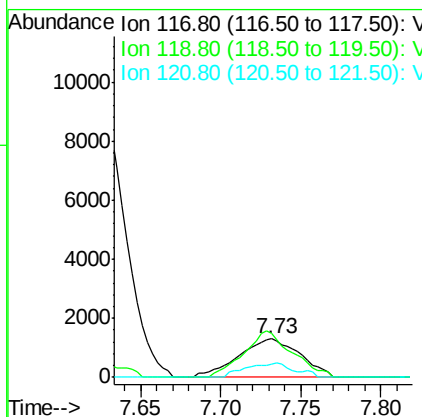
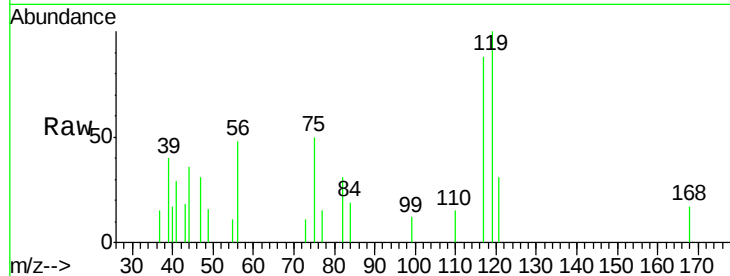
#38
Carbon Tetrachloride
Concen: 0.977 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	113.5	74.8	112.2#
121	35.5	23.0	34.6#

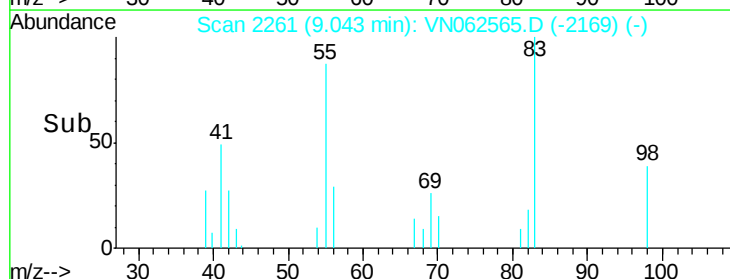
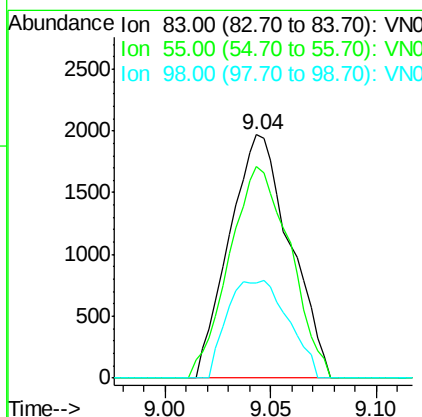
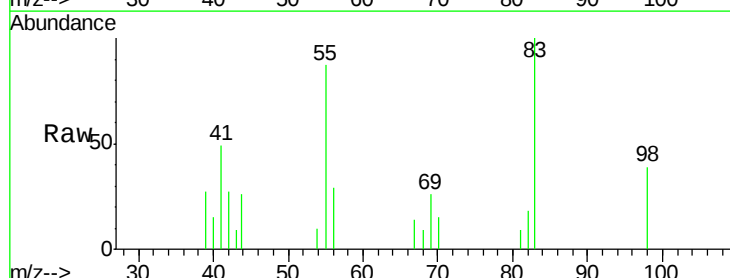
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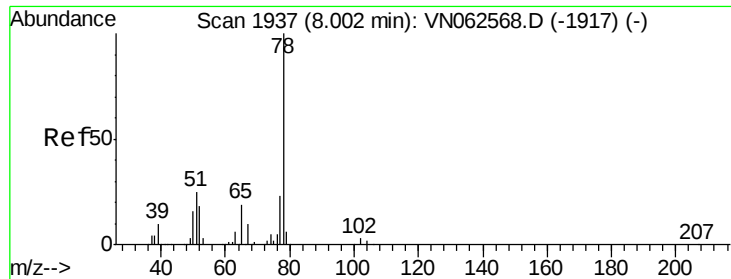
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#39
Methylcyclohexane
Concen: 0.952 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.9	68.9	103.3
98	39.0	35.1	52.7





#40

Benzene

Concen: 1.026 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 11804

Ion Ratio Lower Upper

78 100

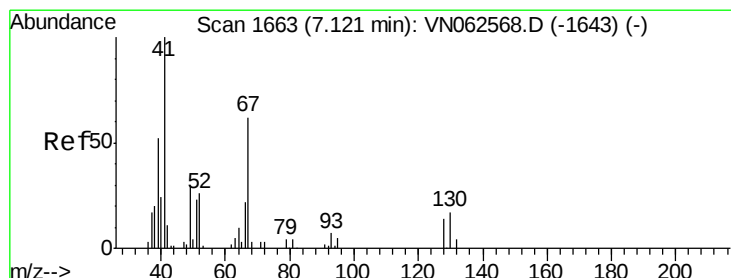
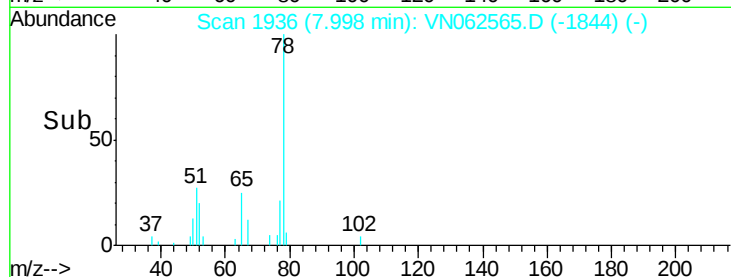
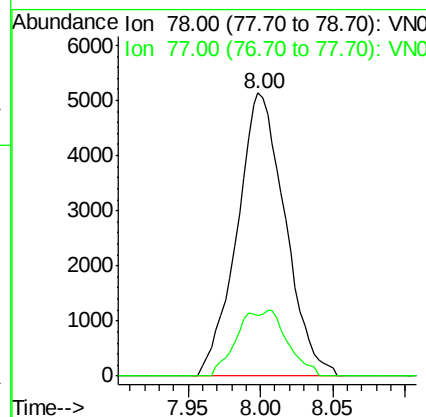
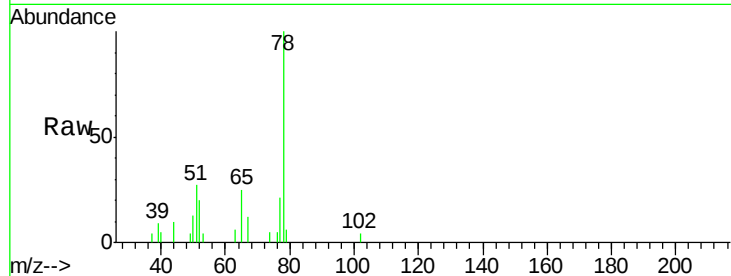
77 21.5 18.7 28.1

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#41

Methacrylonitrile

Concen: 1.014 ug/l m

RT: 7.15 min Scan# 1671

Delta R.T. 0.03 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Tgt Ion: 41 Resp: 1875

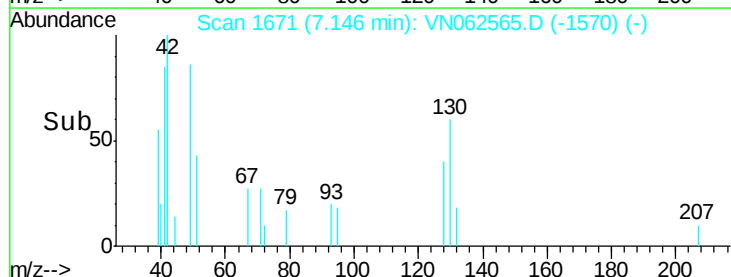
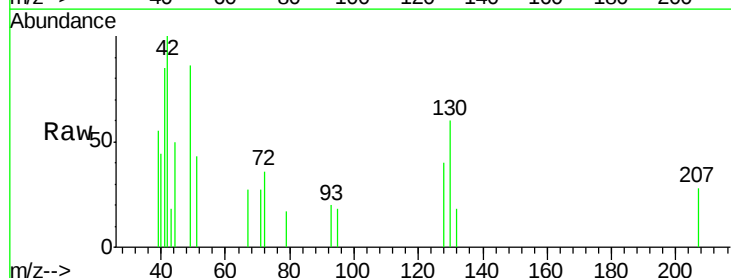
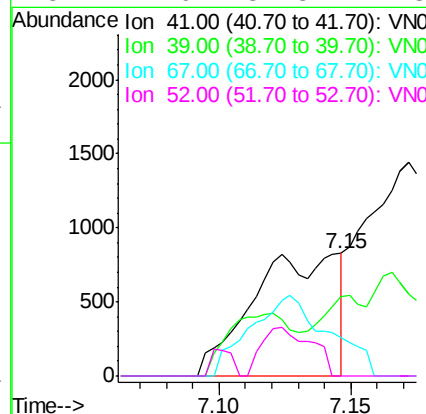
Ion Ratio Lower Upper

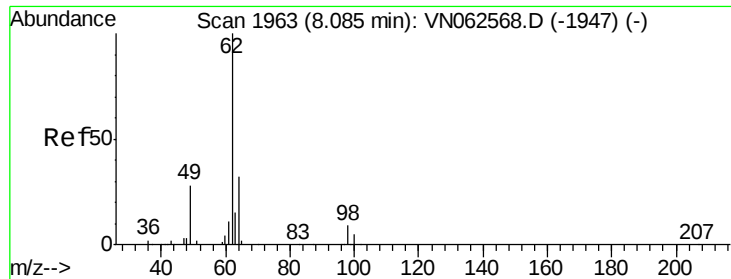
41 100

39 38.1 55.8 83.6#

67 59.7 72.5 108.7#

52 22.9 31.8 47.8#





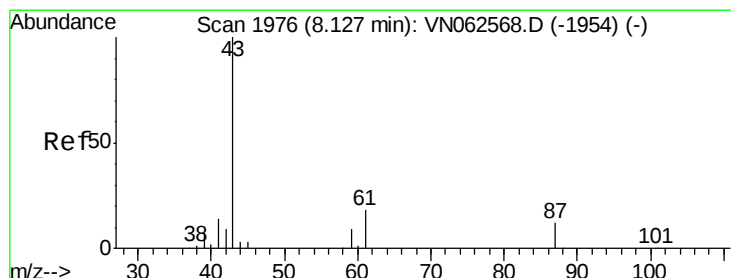
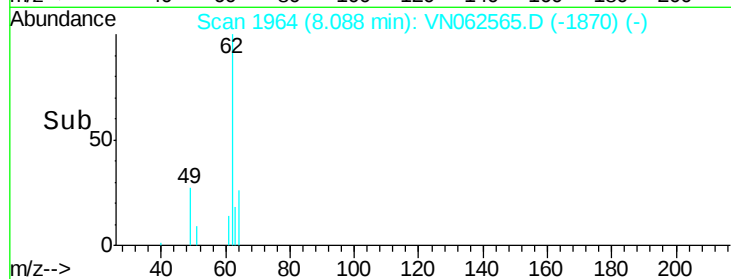
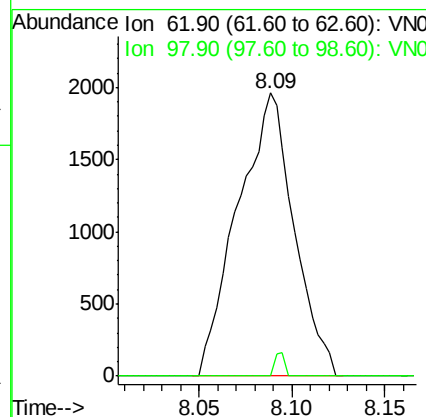
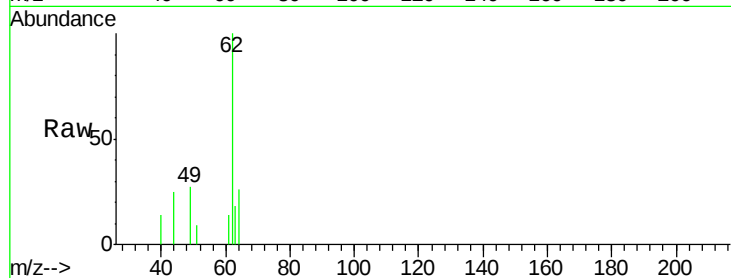
#42
 1,2-Dichloroethane
 Concen: 0.980 ug/l
 RT: 8.09 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	1.5	0.0	16.2

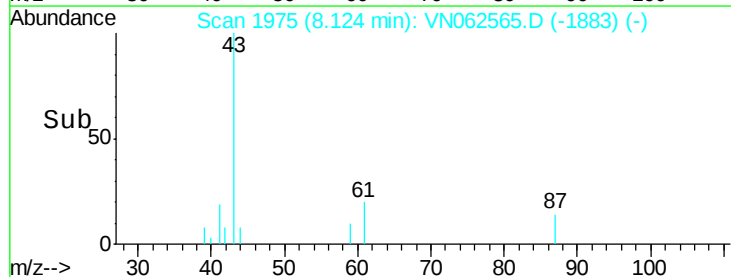
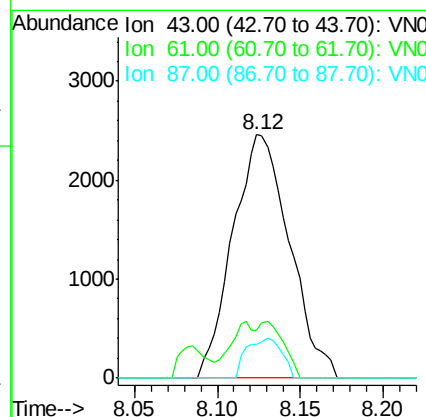
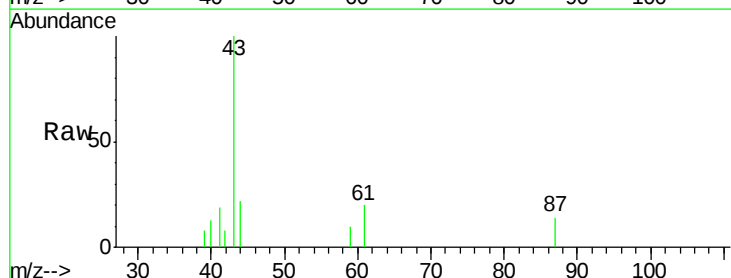
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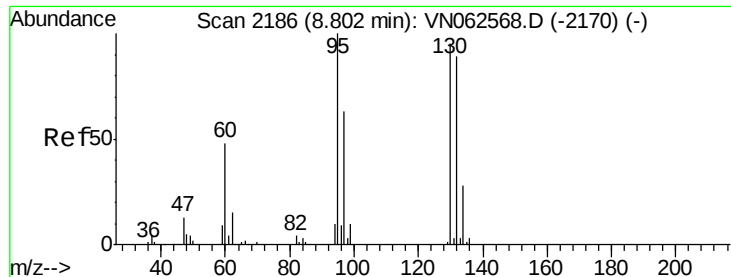
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#43
 Isopropyl Acetate
 Concen: 0.818 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	5.4	20.8	31.2#
87	10.2	9.2	13.8





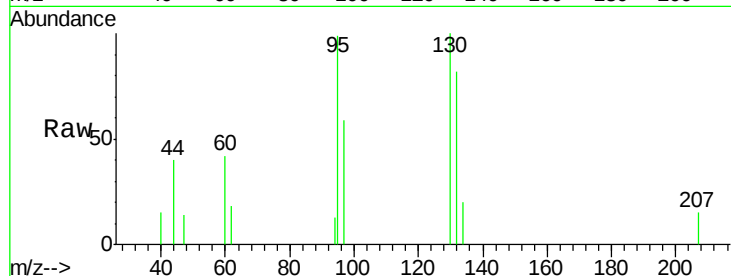
#44
 Trichloroethene
 Concen: 1.012 ug/l
 RT: 8.80 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

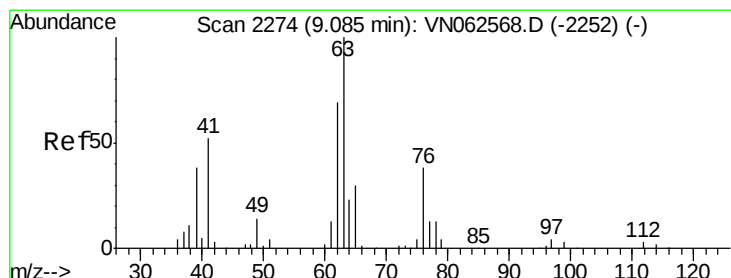
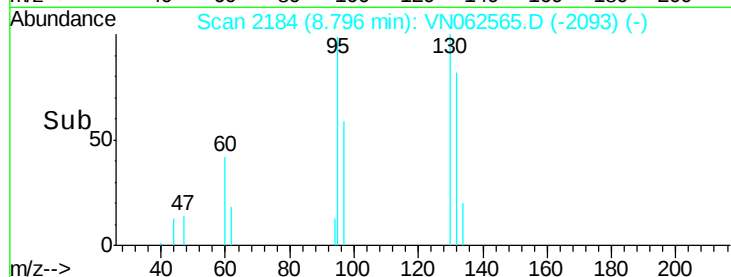
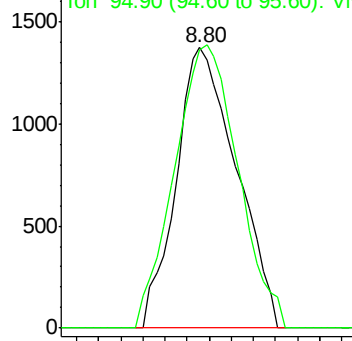
Tot Ion:130 Resp: 2594
 Ion Ratio Lower Upper
 130 100
 95 99.2 0.0 210.4

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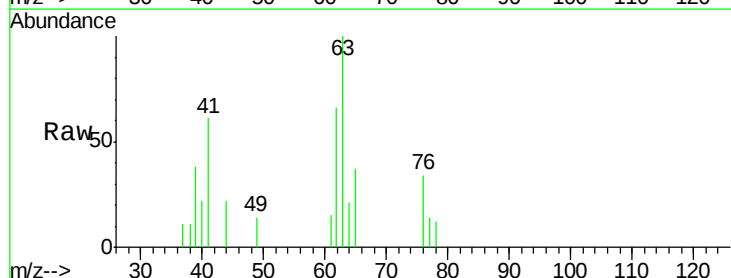


Abundance Ion 129.80 (129.50 to 130.50): V

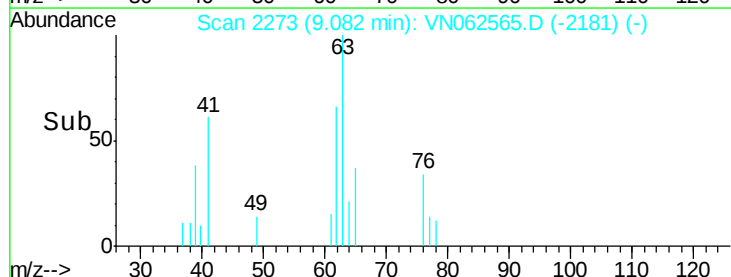
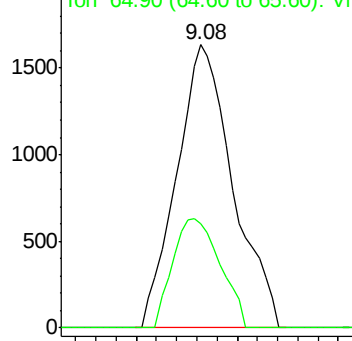


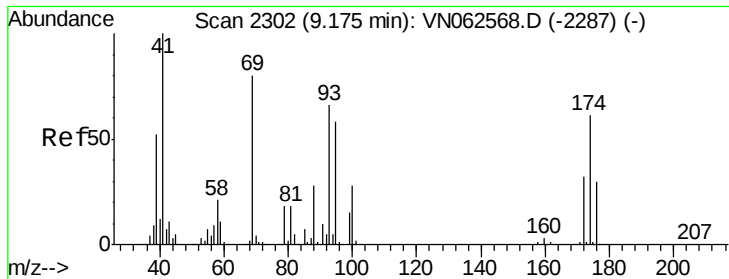
#45
 1,2-Dichloropropane
 Concen: 0.955 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion: 63 Resp: 3170
 Ion Ratio Lower Upper
 63 100
 65 36.8 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VNO





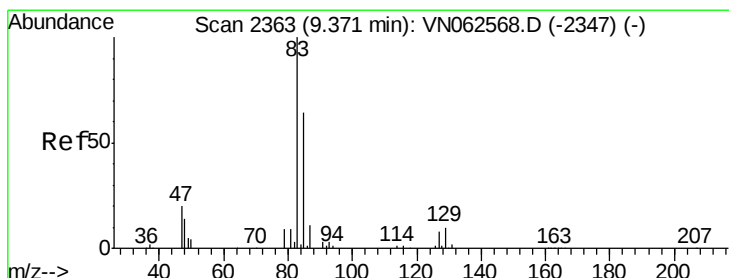
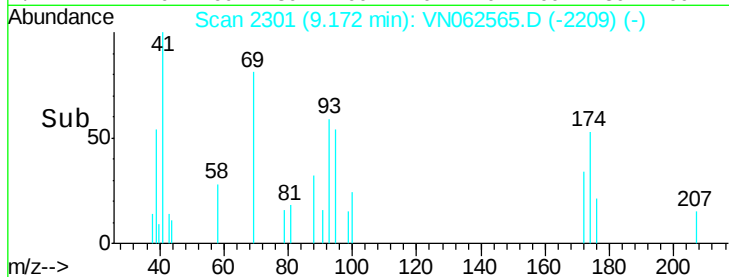
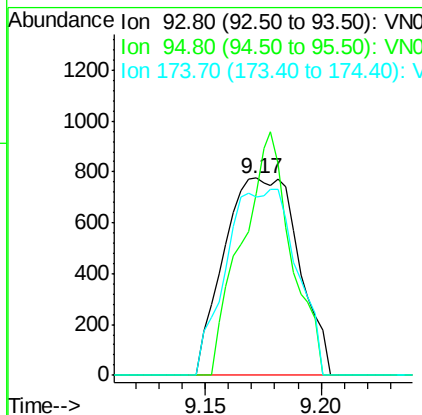
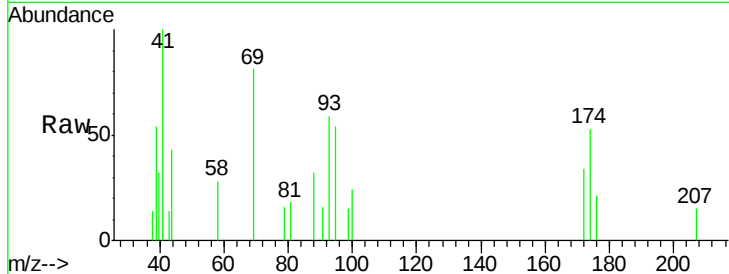
#46
Dibromomethane
Concen: 0.920 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 93 Resp: 1735
Ion Ratio Lower Upper
93 100
95 81.4 67.6 101.4
174 88.6 72.5 108.7

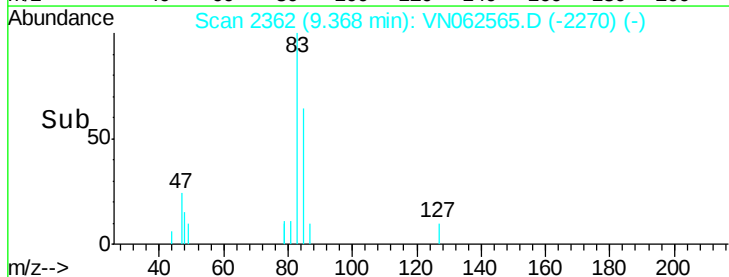
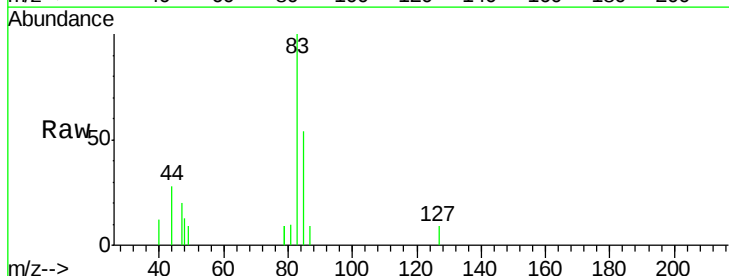
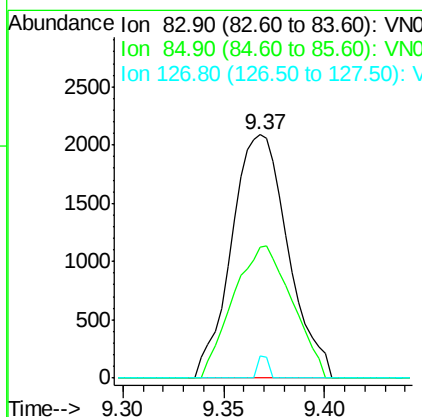
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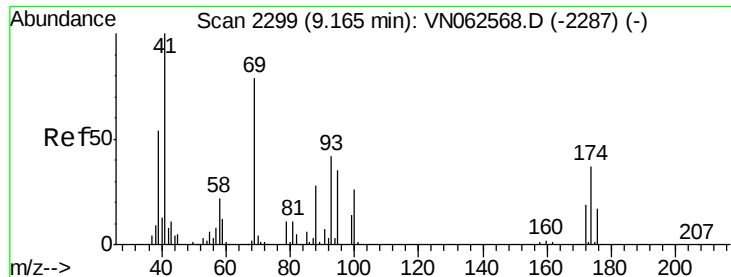
MMDadoda
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#47
Bromodichloromethane
Concen: 1.016 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion: 83 Resp: 4085
Ion Ratio Lower Upper
83 100
85 53.7 51.6 77.4
127 8.9 6.2 9.2





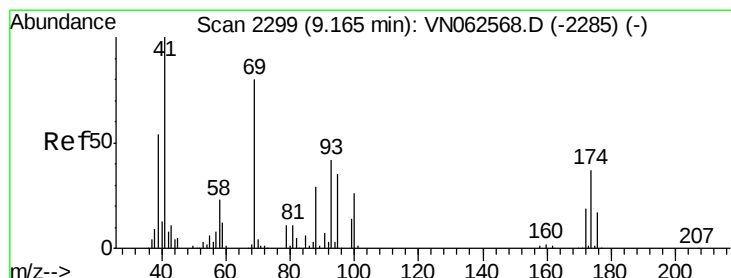
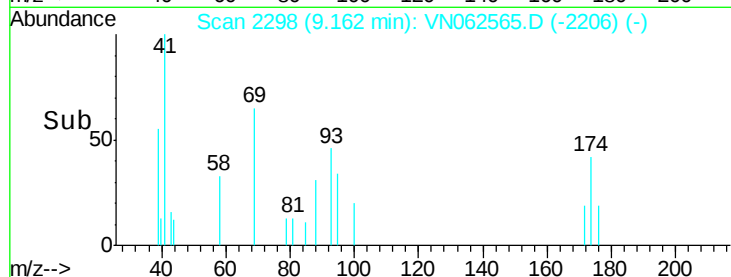
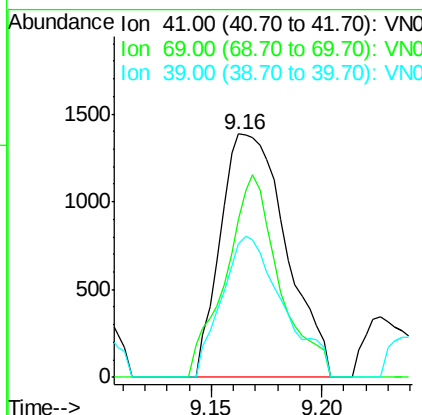
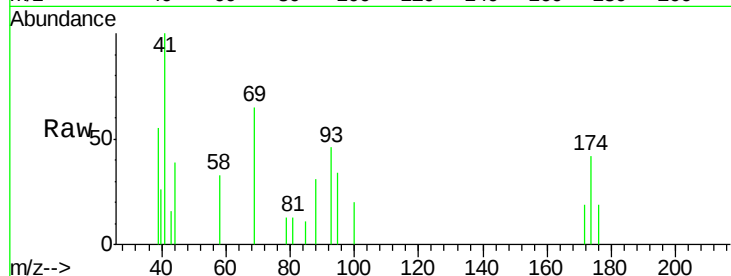
#48
Methvl methacrylate
Concen: 0.822 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	67.9	64.4	96.6
39	54.0	43.5	65.3

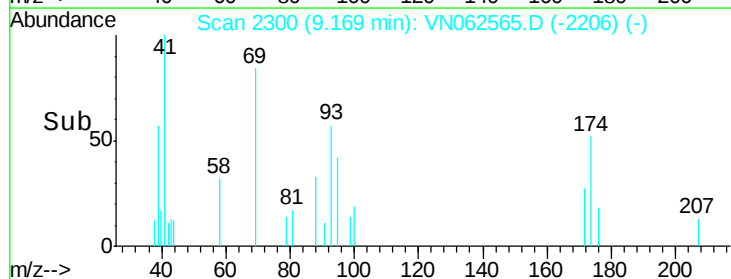
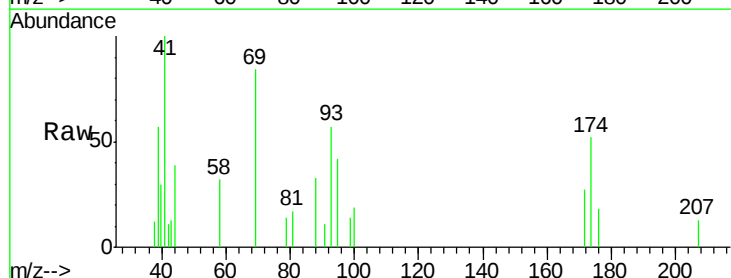
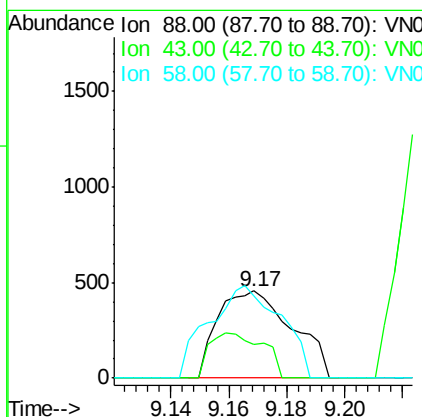
Manual Integrations
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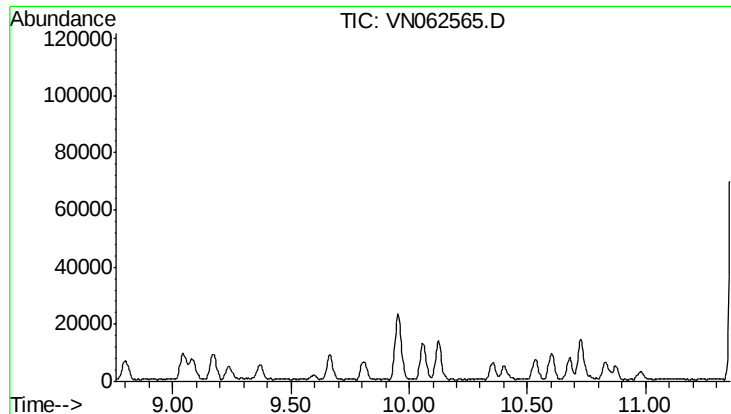
MMDadoda
7/22/2020 2:45:31 PM



#49
1,4-Dioxane
Concen: 15.876 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.1	32.0	48.0
58	101.7	62.8	94.2#





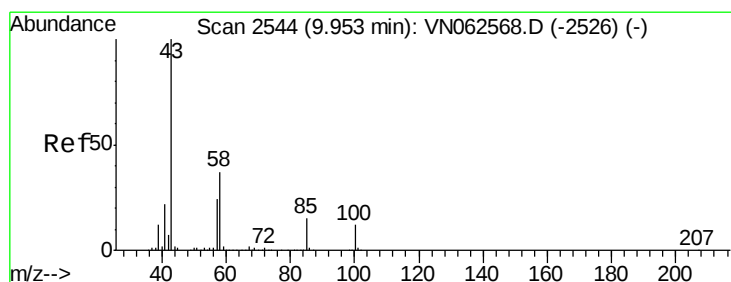
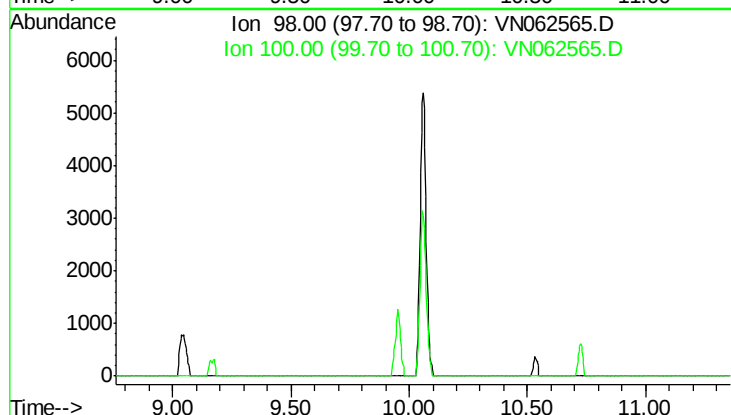
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6

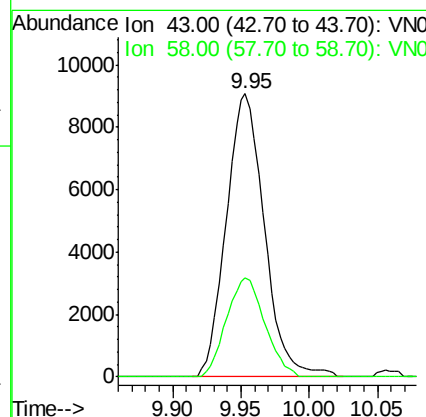
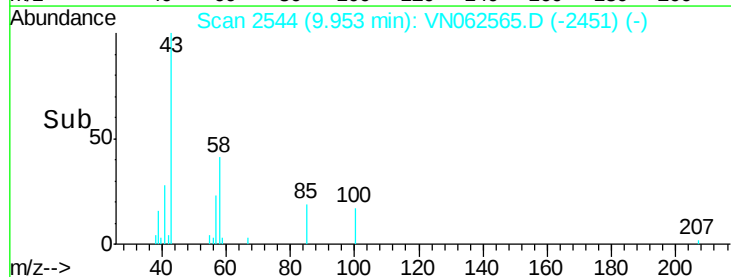
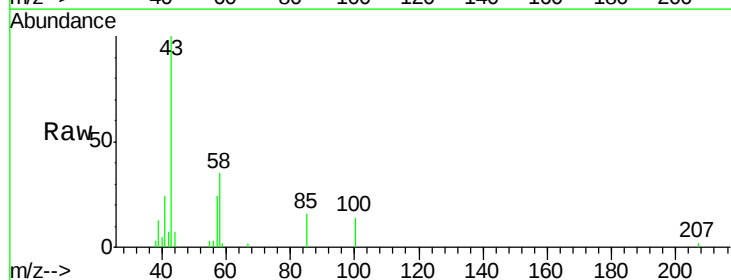
Manual Integrations
APPROVED

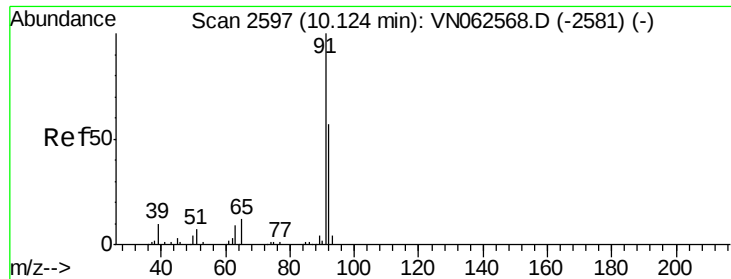
MMDadoda
7/22/2020 2:45:31 PM



#51
4-Methyl-2-Pentanone
Concen: 4.142 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion: 43 Resp: 17612
Ion Ratio Lower Upper
43 100
58 35.1 29.8 44.6





#52

Toluene

Concen: 0.922 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 6157

Ion Ratio Lower Upper

92 100

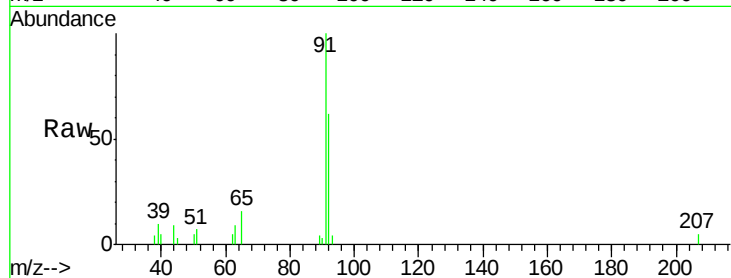
91 165.8 139.4 209.2

Manual Integrations

APPROVED

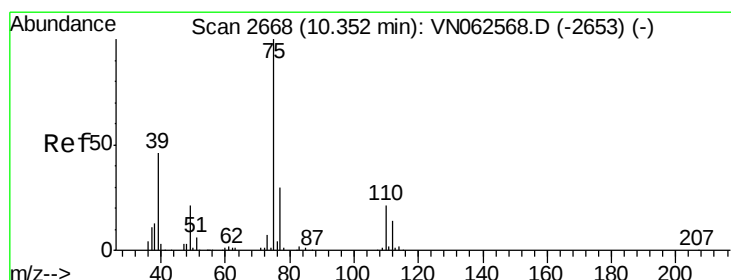
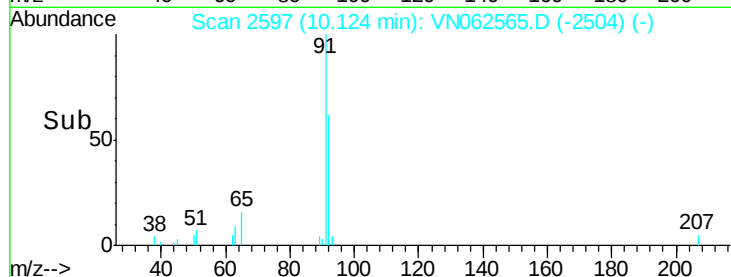
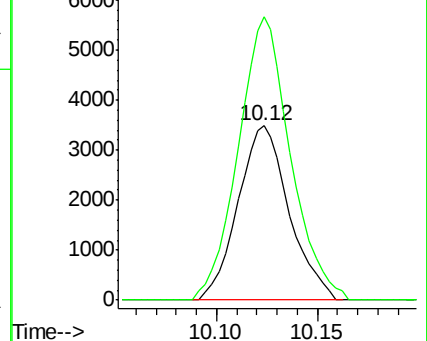
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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.884 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062565.D

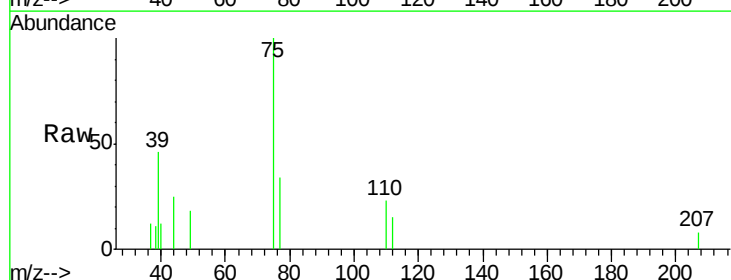
Acq: 21 Jul 2020 10:59

Tgt Ion: 75 Resp: 3995

Ion Ratio Lower Upper

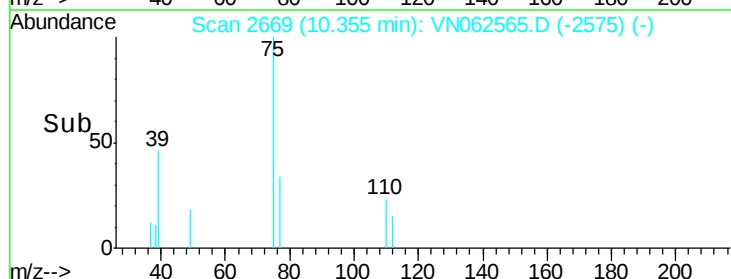
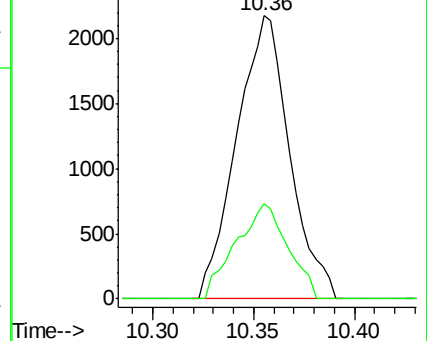
75 100

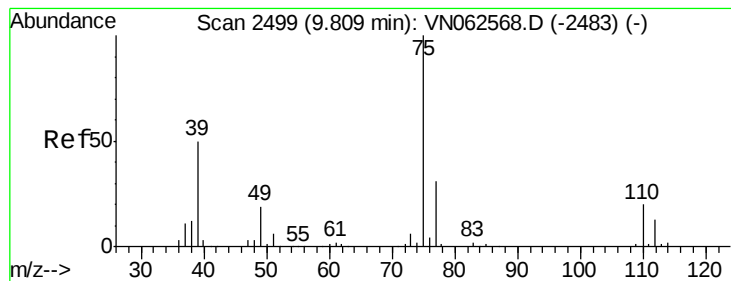
77 33.7 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#54

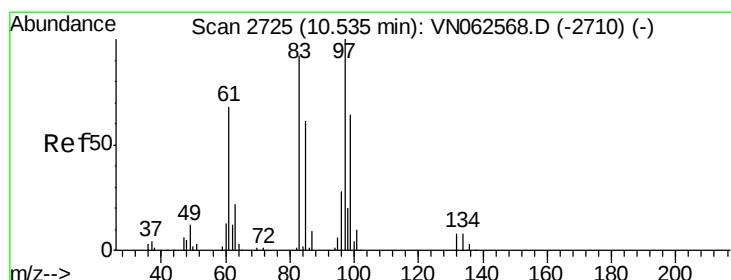
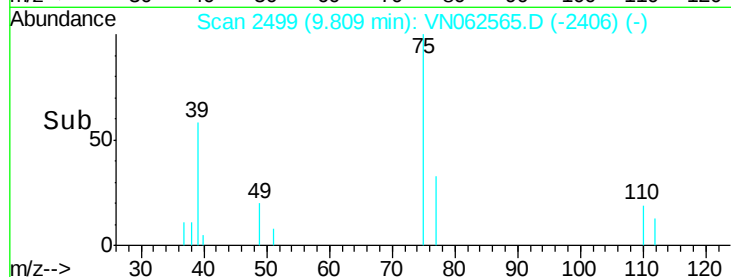
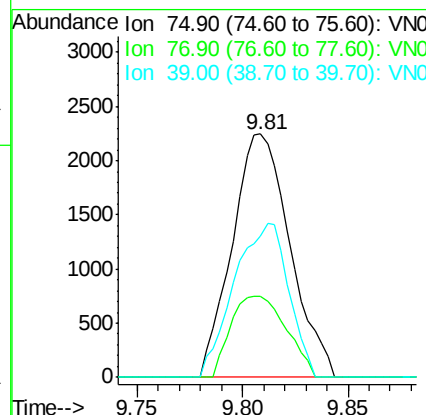
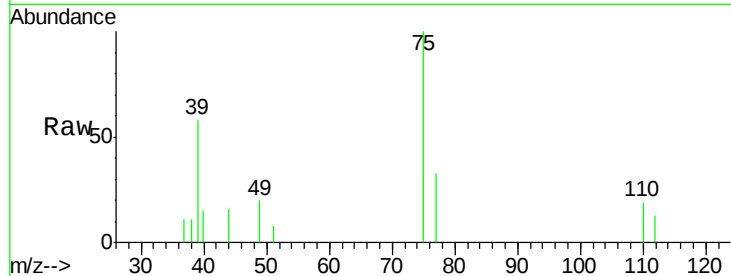
cis-1,3-Dichloropropene
Concen: 0.858 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.0	37.6
39	57.9	39.8	59.8

Manual Integrations
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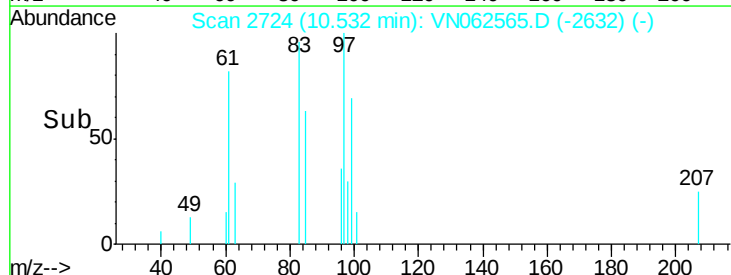
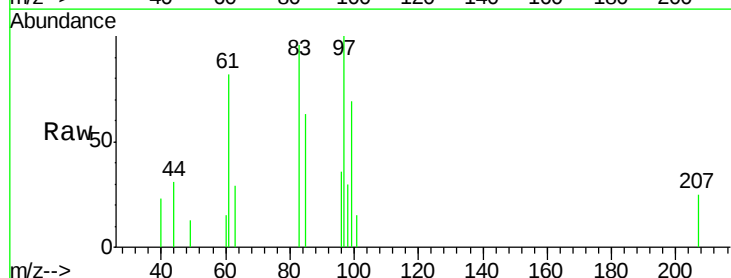
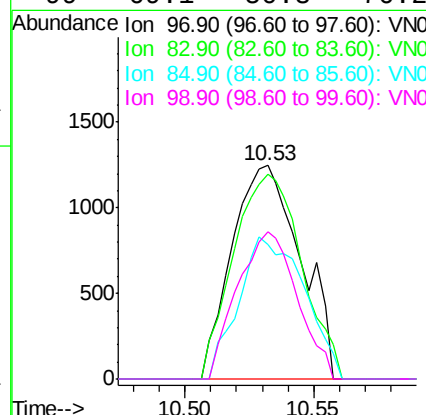
MMDadoda
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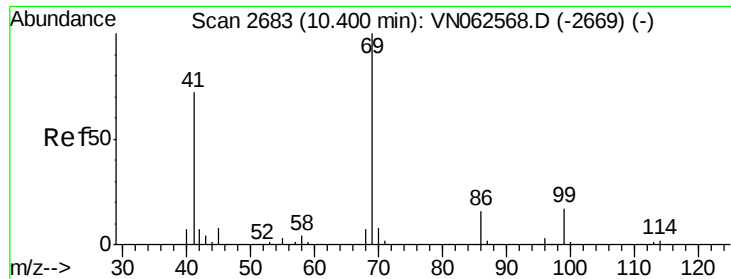


#55

1,1,2-Trichloroethane
Concen: 0.890 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.7	73.7	110.5
85	63.1	48.5	72.7
99	69.1	50.8	76.2





#56

Ethyl methacrylate

Concen: 0.715 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

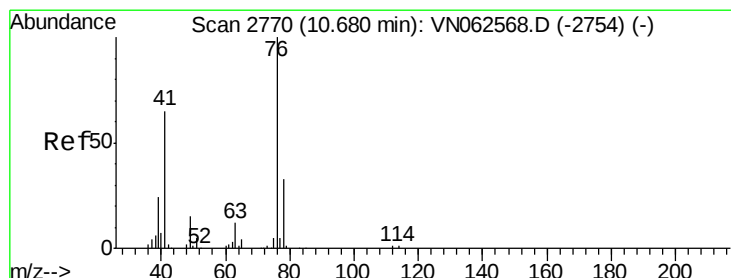
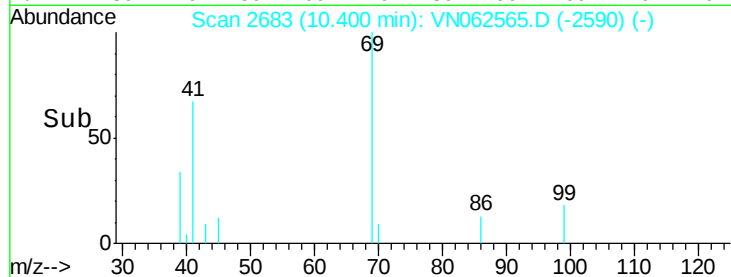
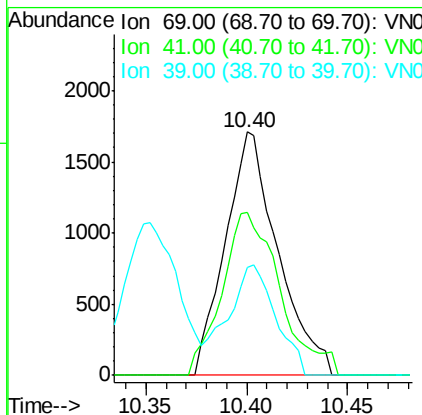
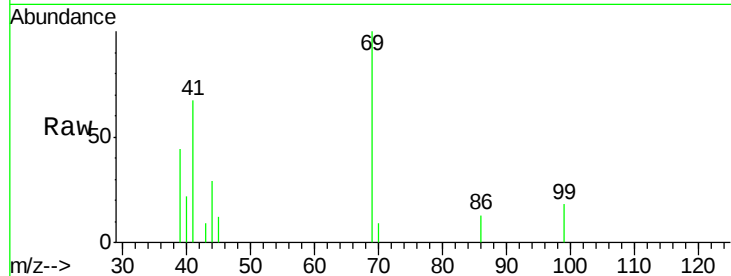
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	3104
Ion	Ratio	Lower	Upper
69	100		
41	74.1	57.2	85.8
39	41.7	28.6	43.0

Manual Integrations
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7/22/2020 2:45:31 PM



#57

1,3-Dichloropropane

Concen: 0.922 ug/l

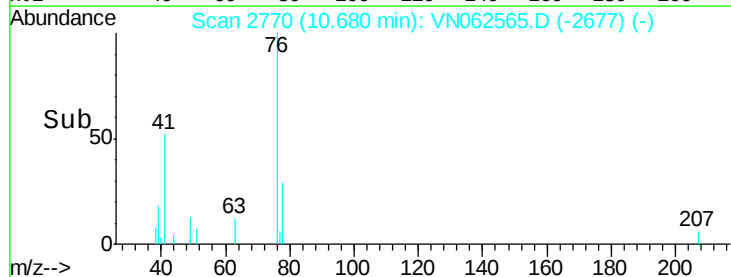
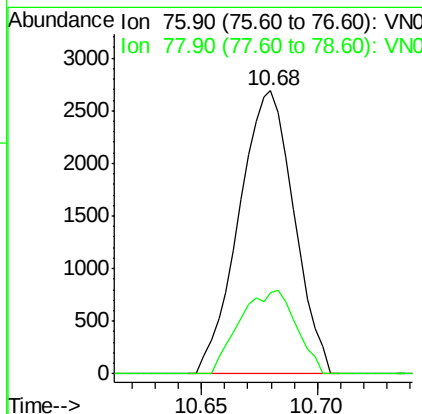
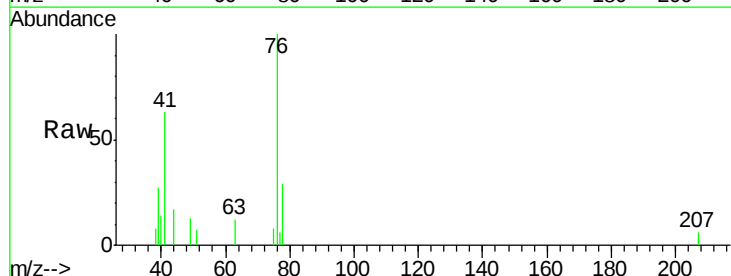
RT: 10.68 min Scan# 2770

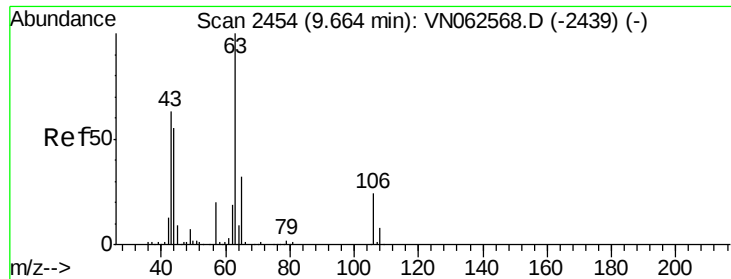
Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Tgt Ion:	76	Resp:	4446
Ion	Ratio	Lower	Upper
76	100		
78	30.2	26.3	39.5





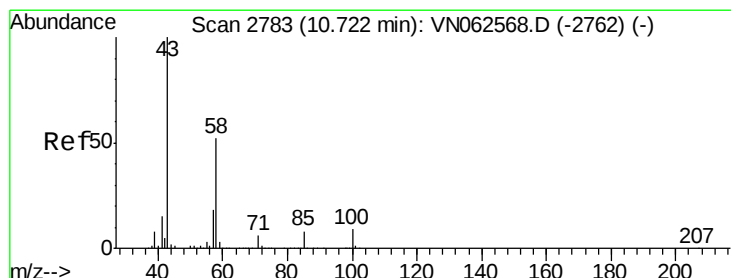
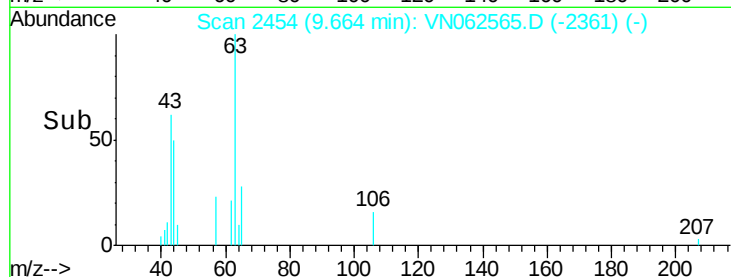
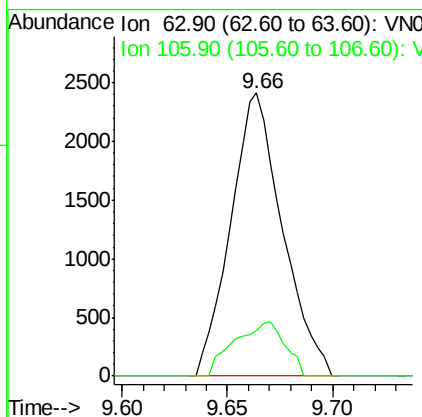
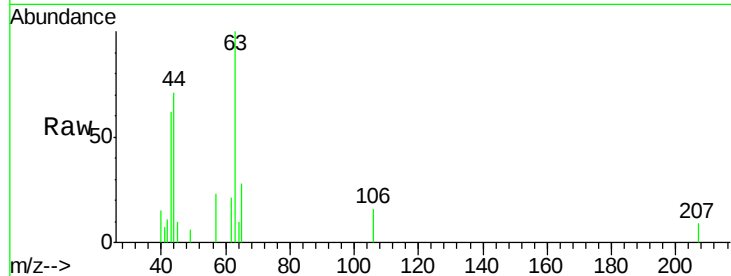
#58
 2-Chloroethyl Vinyl ether
 Concen: 2.740 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 4103
 Ion Ratio Lower Upper
 63 100
 106 18.8 18.9 28.3#

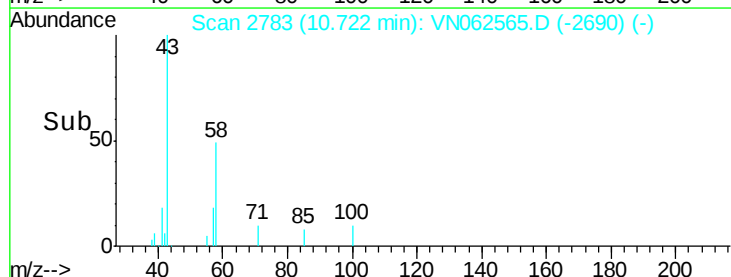
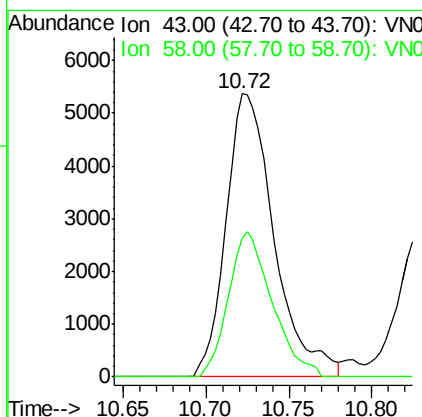
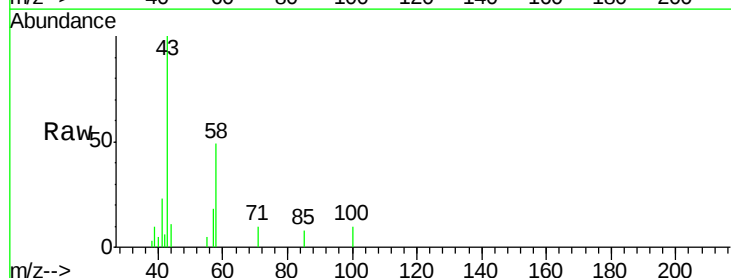
Manual Integrations
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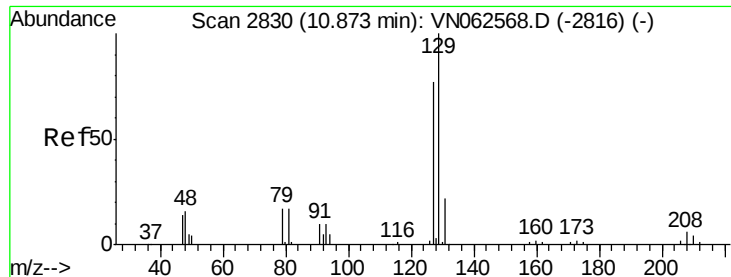
MMDadoda
 7/22/2020 2:45:31 PM



#59
 2-Hexanone
 Concen: 3.509 ug/l
 RT: 10.72 min Scan# 2783
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion: 43 Resp: 10842
 Ion Ratio Lower Upper
 43 100
 58 46.6 26.0 78.0





#60

Dibromochloromethane

Concen: 0.862 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2461

Ion Ratio Lower Upper

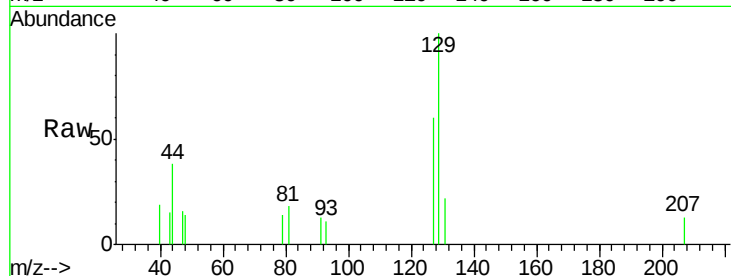
129 100

127 68.1 38.0 113.9

Manual Integrations
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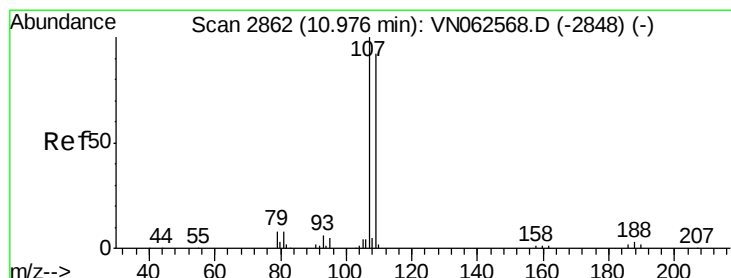
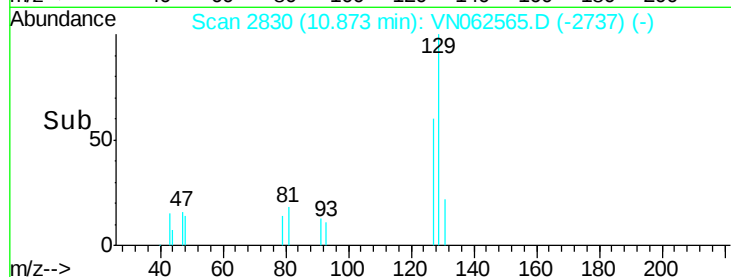
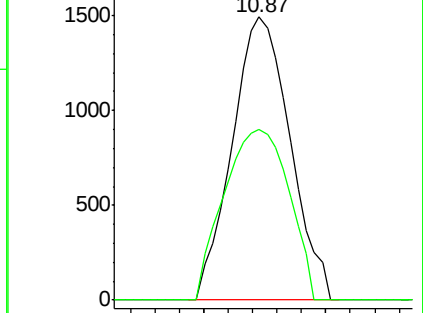
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.963 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VN062565.D

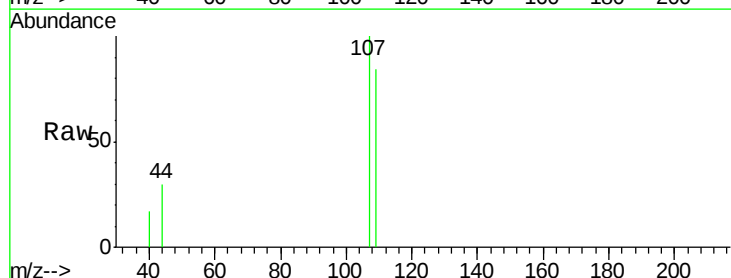
Acq: 21 Jul 2020 10:59

Tgt Ion:107 Resp: 2555

Ion Ratio Lower Upper

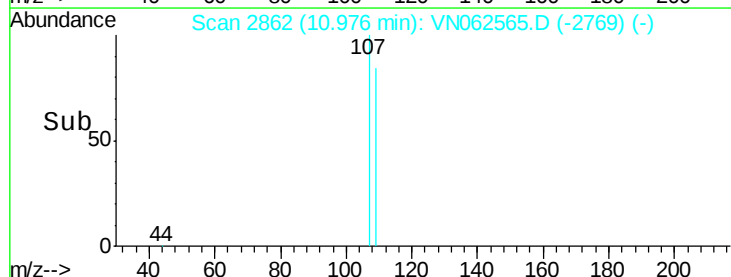
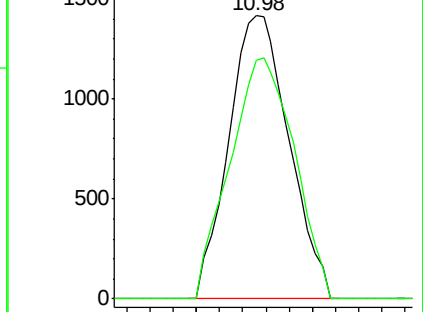
107 100

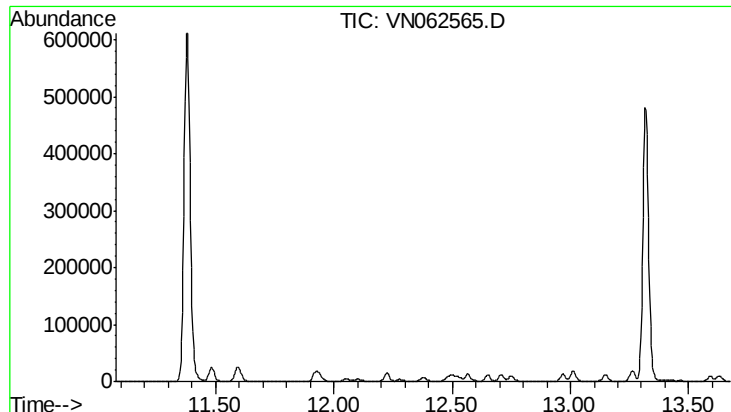
109 91.3 73.8 110.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Tot Ion: 95

Sig Exp Ratio

95 100

174 72.3

176 69.7

Instrument :

MSVOA_N

ClientSampleId :

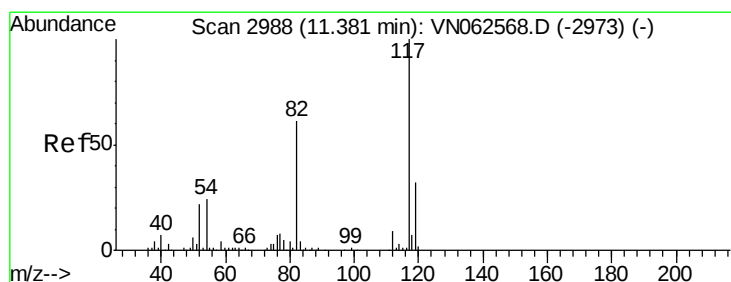
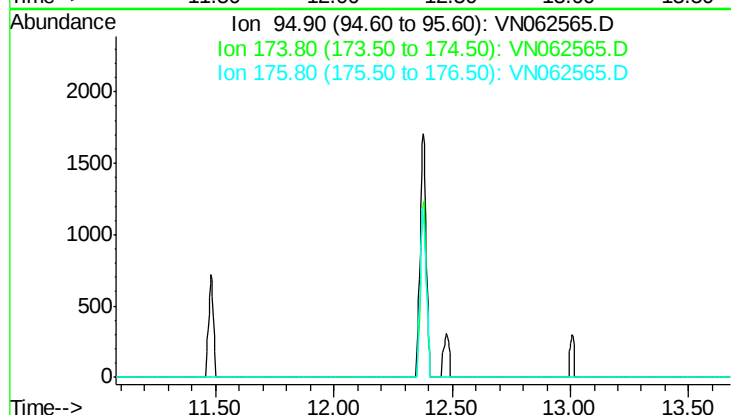
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

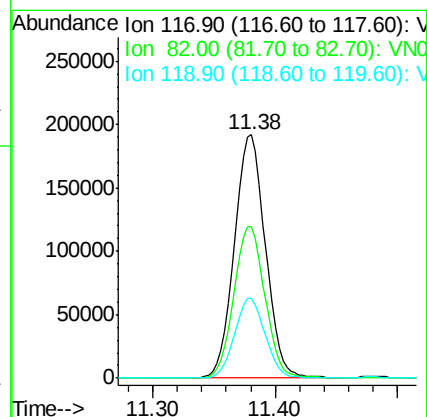
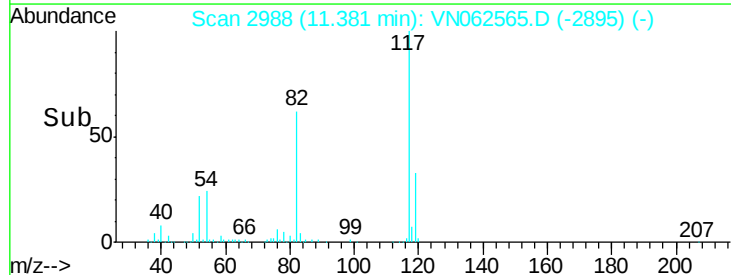
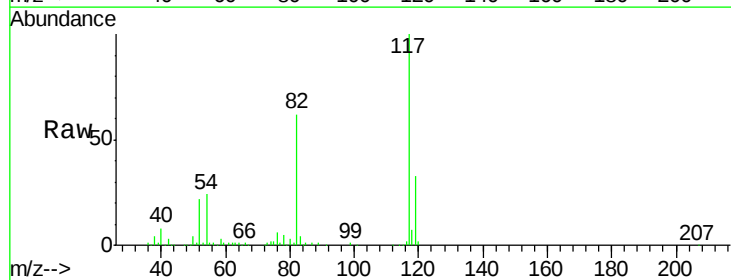
Tgt Ion:117 Resp: 340412

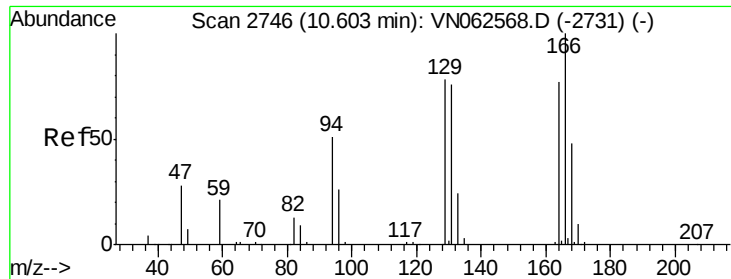
Ion Ratio Lower Upper

117 100

82 62.0 49.0 73.6

119 32.9 25.4 38.2





#64

Tetrachloroethene

Concen: 1.060 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

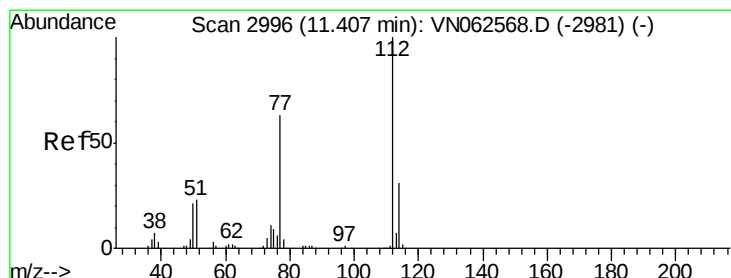
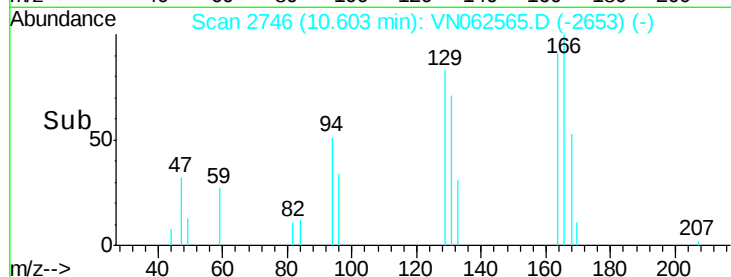
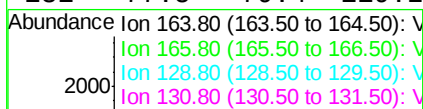
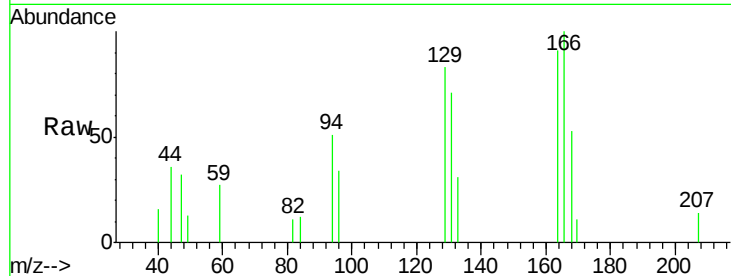
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	2156
Ion	Ratio	Lower	Upper
164	100		
166	109.9	104.4	156.6
129	91.2	81.0	121.4
131	77.5	79.4	119.2#

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#65

Chlorobenzene

Concen: 1.001 ug/l

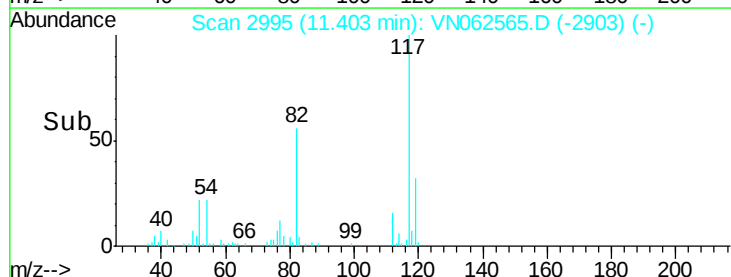
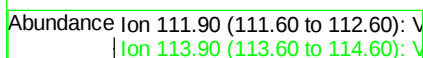
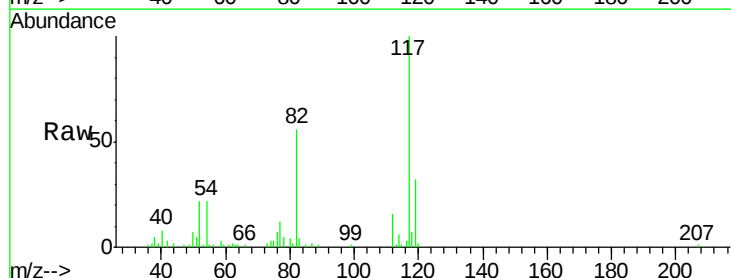
RT: 11.40 min Scan# 2995

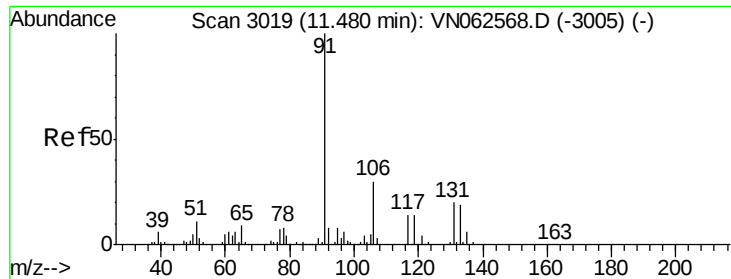
Delta R.T. -0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Tgt Ion:	112	Resp:	6647
Ion	Ratio	Lower	Upper
112	100		
114	35.7	25.1	37.7





#66

1,1,1,2-Tetrachloroethane

Concen: 1.072 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

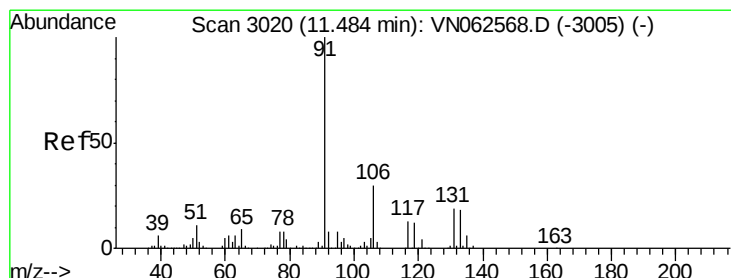
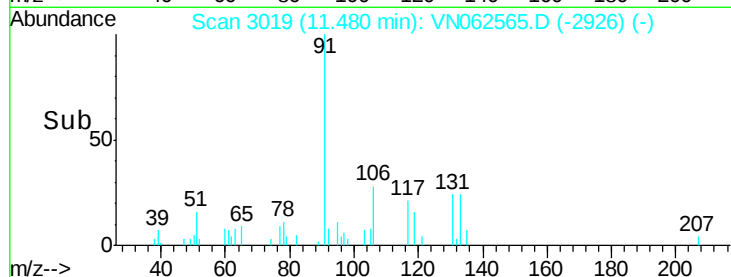
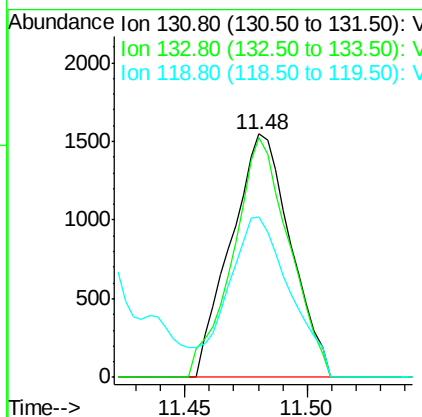
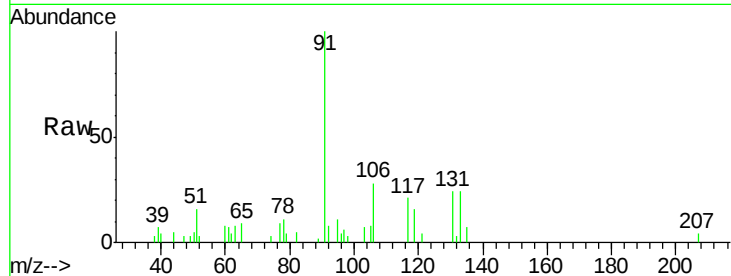
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	92.9	47.3	142.0
119	0.0	33.7	101.0#

Manual Integrations
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#67

Ethyl Benzene

Concen: 0.924 ug/l

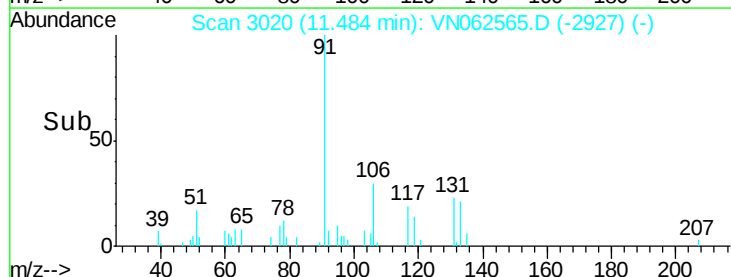
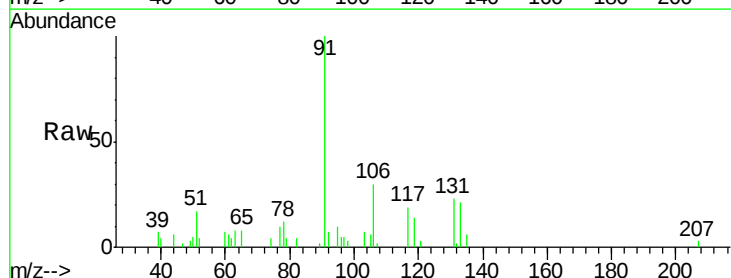
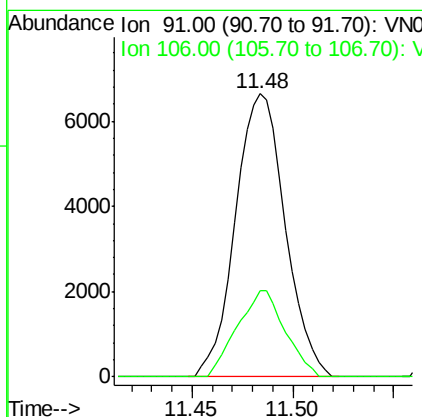
RT: 11.48 min Scan# 3020

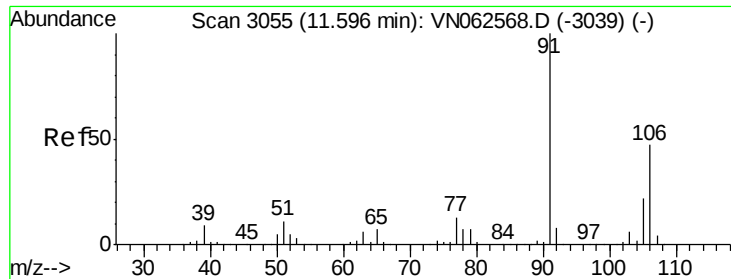
Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.8	35.8





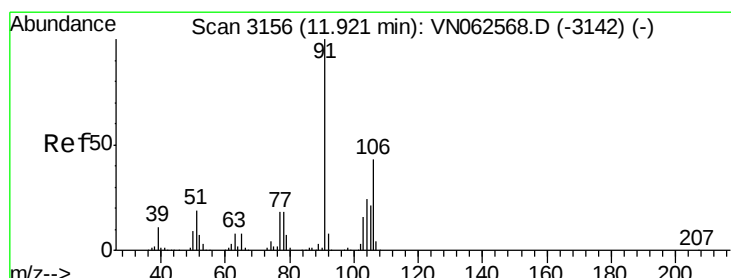
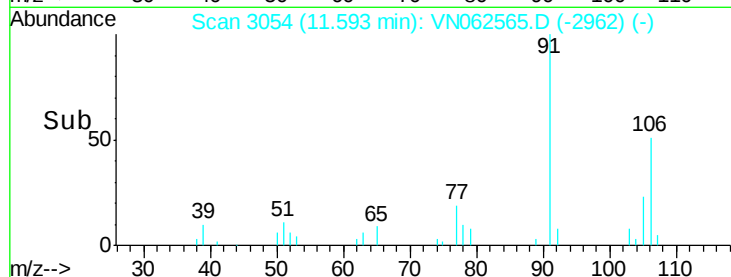
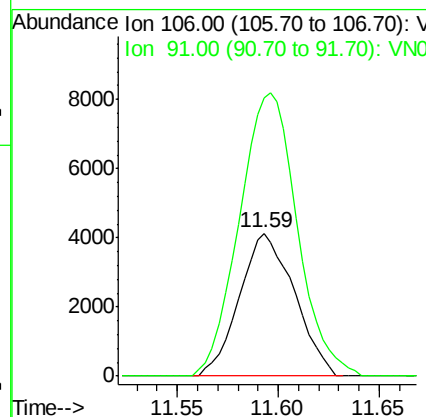
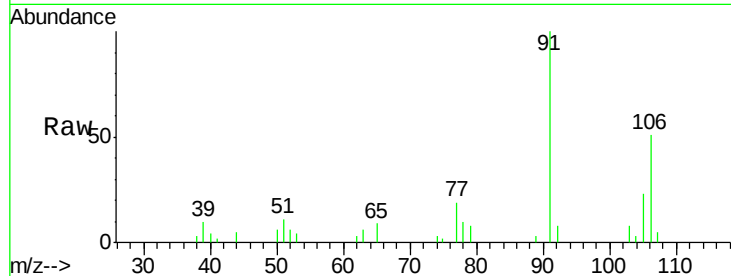
#68
m/p-Xylenes
Concen: 1.781 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 7858
Ion Ratio Lower Upper
106 100
91 208.9 171.4 257.2

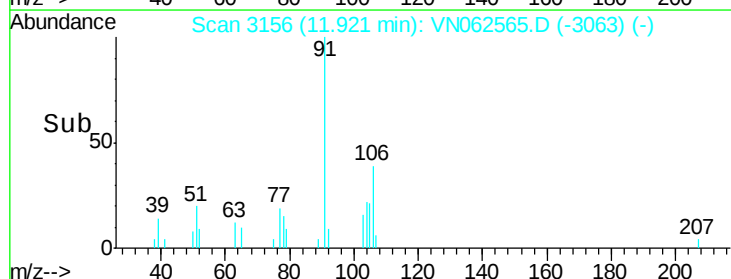
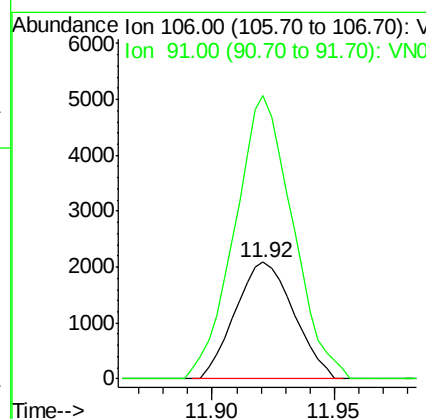
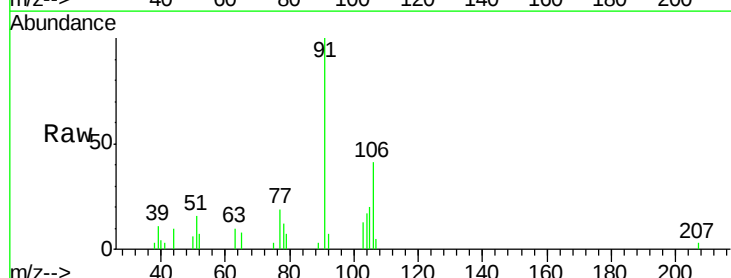
Manual Integrations
APPROVED

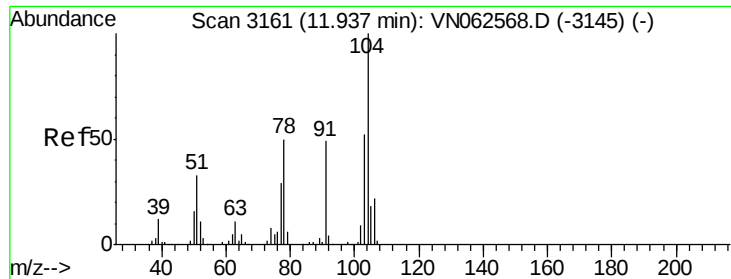
MMDadoda
7/22/2020 2:45:31 PM



#69
o-Xylene
Concen: 0.811 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion:106 Resp: 3476
Ion Ratio Lower Upper
106 100
91 239.7 113.8 341.2





#70

Stvrene

Concen: 0.765 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

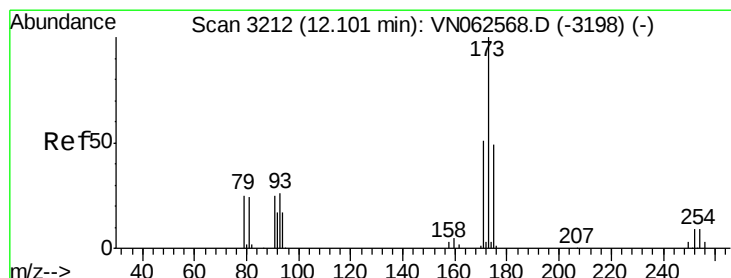
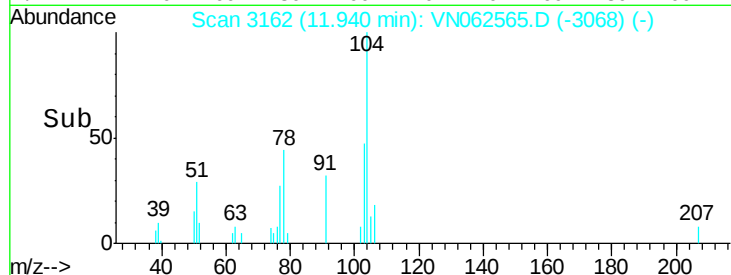
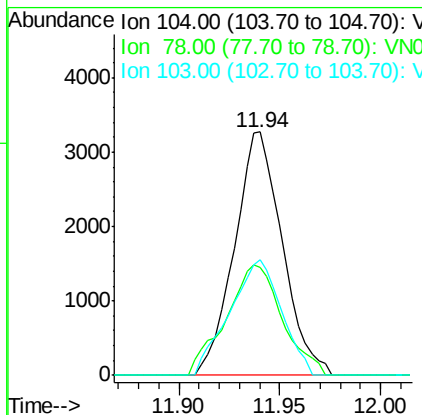
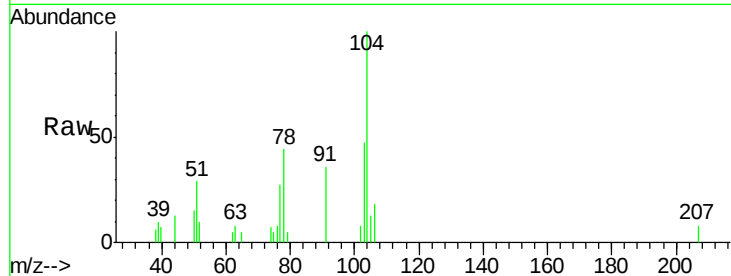
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.2	43.8	65.6
103	51.3	44.0	66.0

Manual Integrations
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#71

Bromoform

Concen: 0.870 ug/l

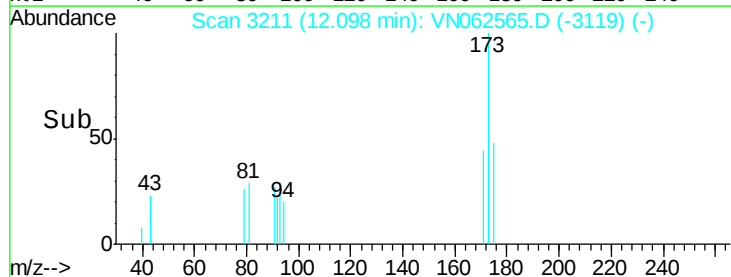
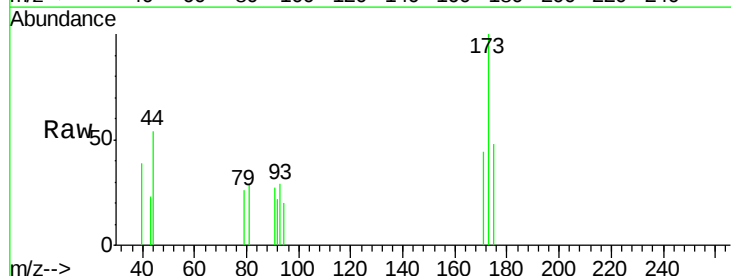
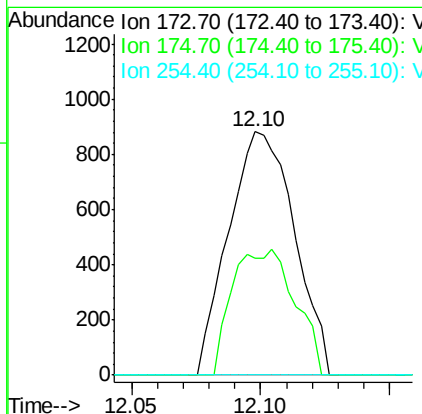
RT: 12.10 min Scan# 3211

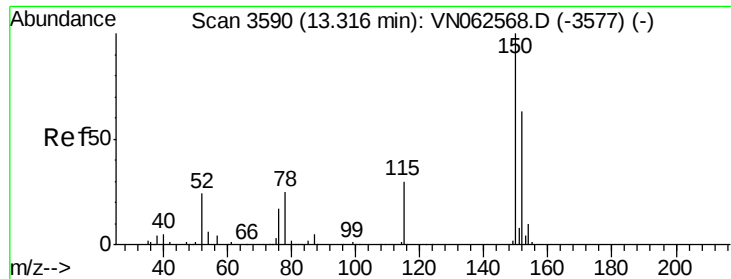
Delta R.T. -0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.2
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:152 Resp: 123808

Ion Ratio Lower Upper

152 100

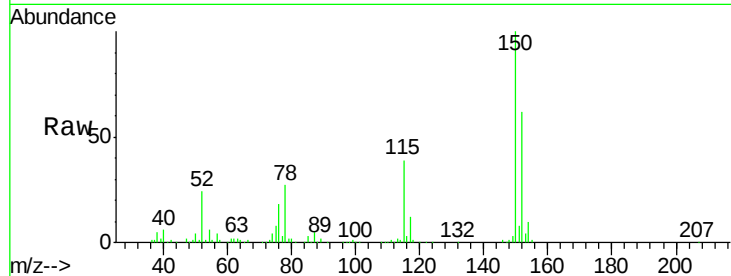
115 63.2 31.8 95.4

150 161.7 0.0 351.4

Manual Integrations
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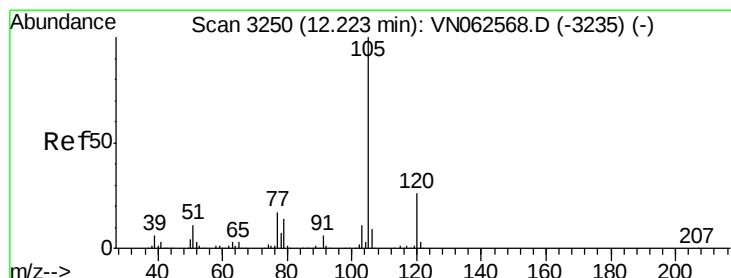
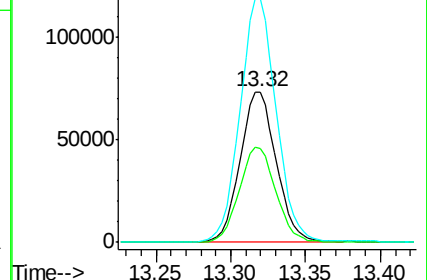
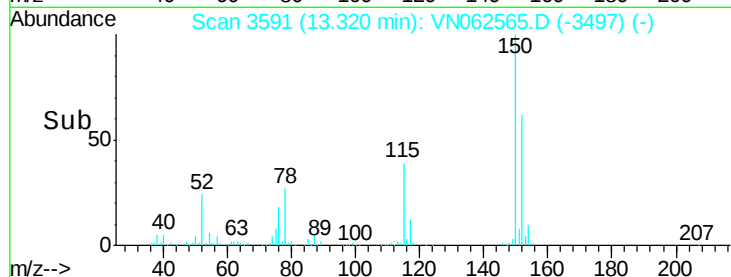
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.956 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062565.D

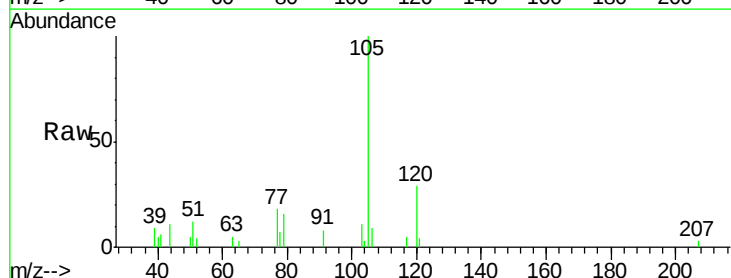
Acq: 21 Jul 2020 10:59

Tgt Ion:105 Resp: 9140

Ion Ratio Lower Upper

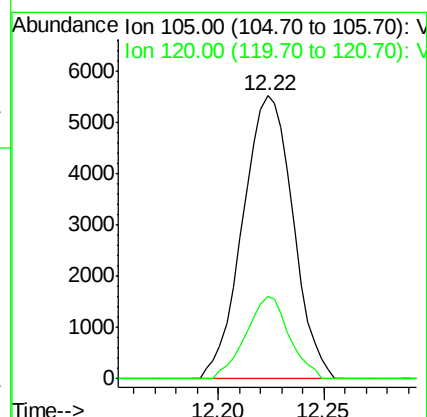
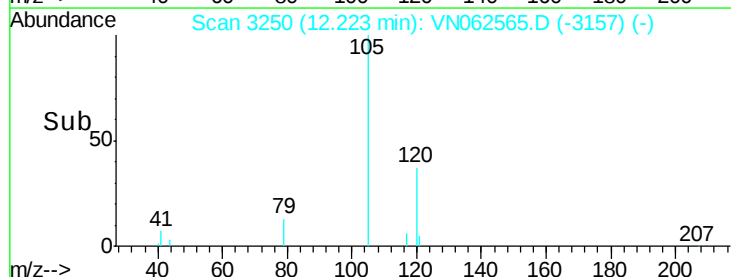
105 100

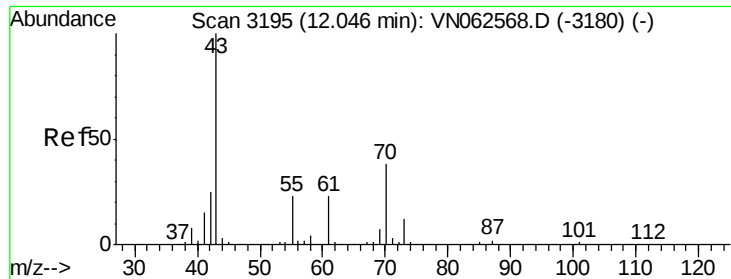
120 25.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





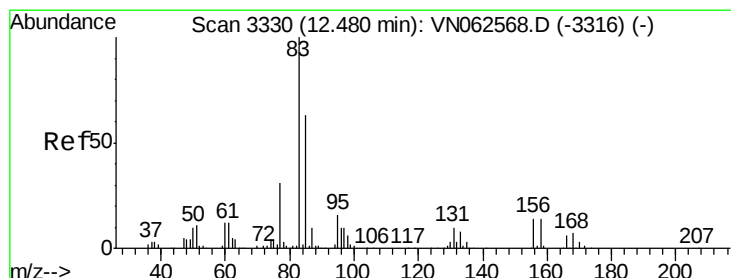
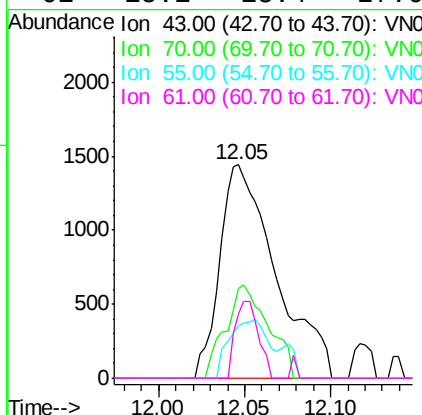
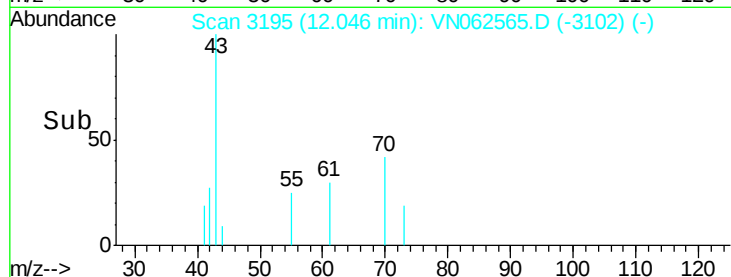
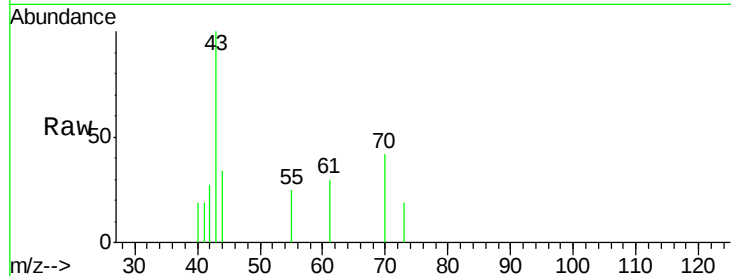
#74
N-amvl acetate
Concen: 0.714 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	33.4	30.5	45.7
55	19.2	19.0	28.6
61	15.1	18.4	27.6

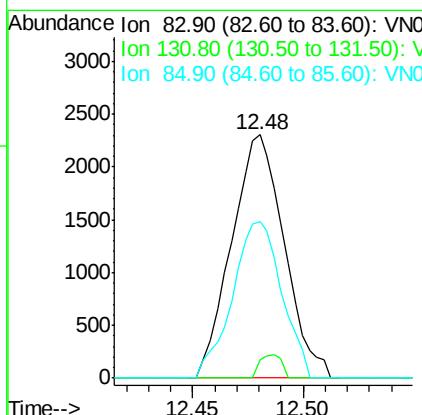
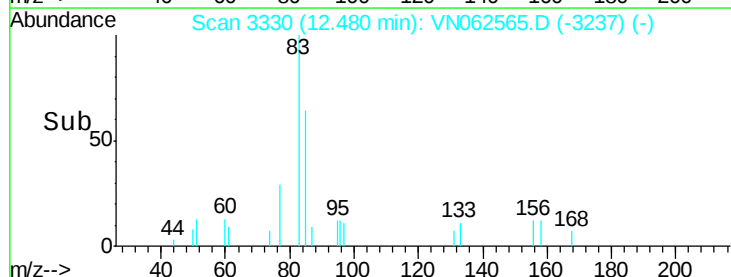
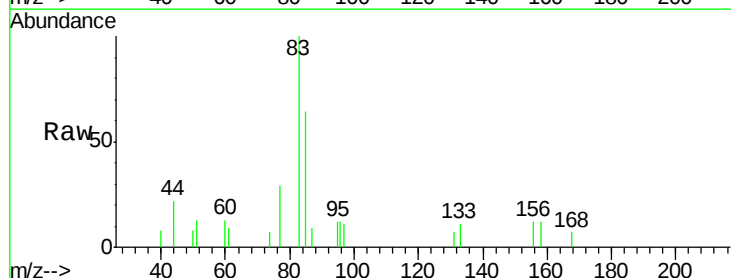
Manual Integrations
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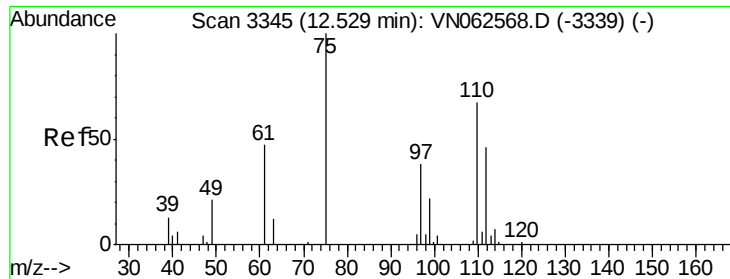
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 1.189 ug/l
RT: 12.48 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
83	100		
131	4.0	4.8	14.3
85	60.1	31.8	95.4





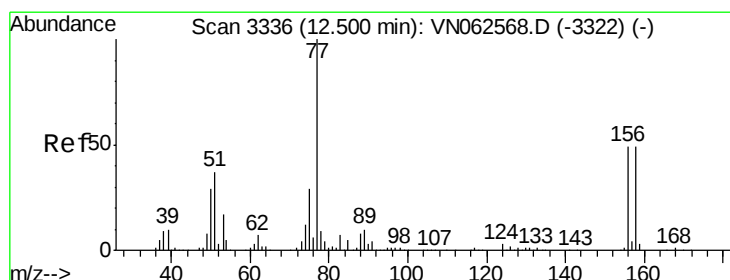
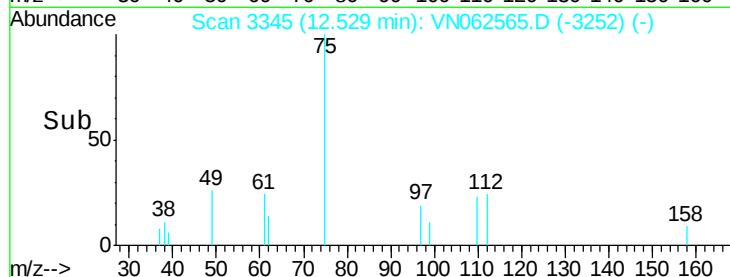
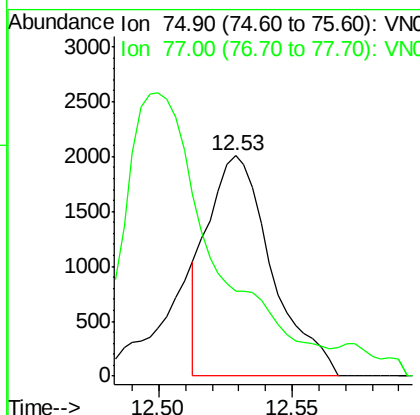
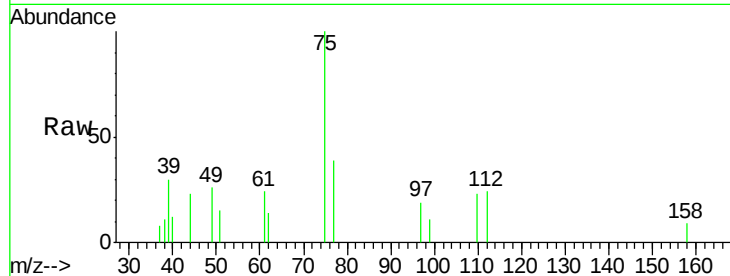
#76
 1,2,3-Trichloropropane
 Concen: 1.087 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 3333
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

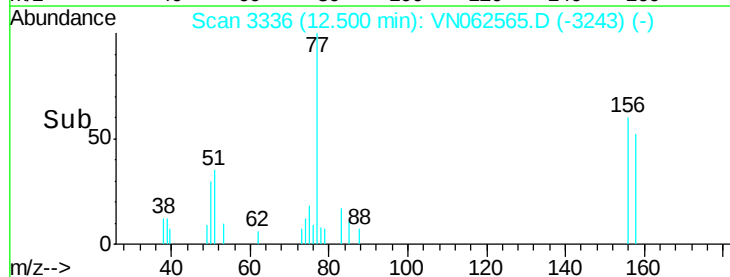
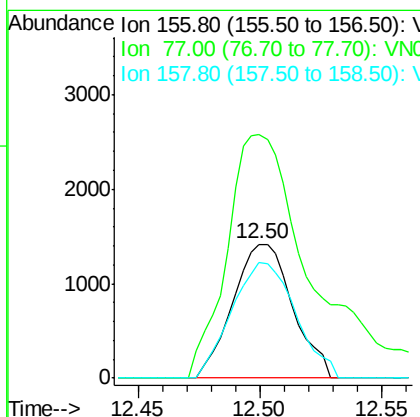
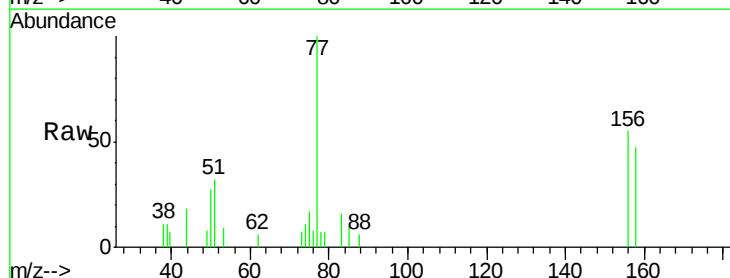
Manual Integrations
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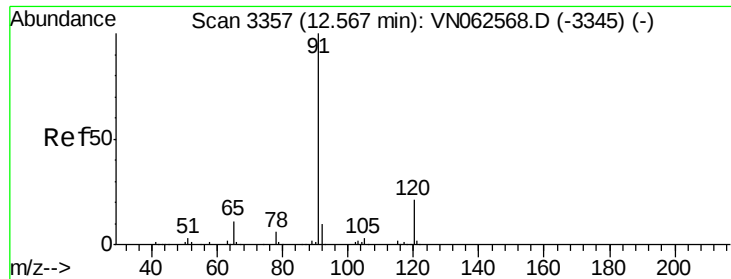
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#77
 Bromobenzene
 Concen: 1.105 ug/l
 RT: 12.50 min Scan# 3336
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion: 156 Resp: 2410
 Ion Ratio Lower Upper
 156 100
 77 256.2 122.8 368.3
 158 92.2 49.4 148.0





#78

n-propylbenzene

Concen: 0.973 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062565.D

Acq: 21 Jul 2020 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10843

Ion Ratio Lower Upper

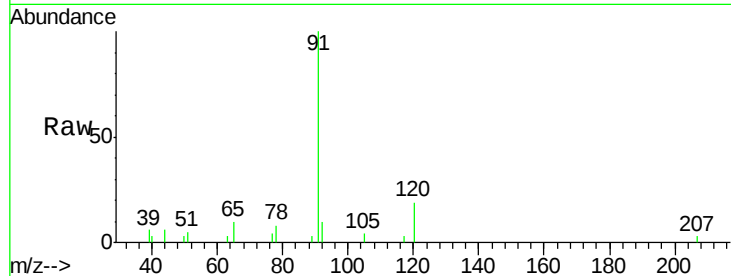
91 100

120 17.9 10.9 32.6

Manual Integrations
APPROVED

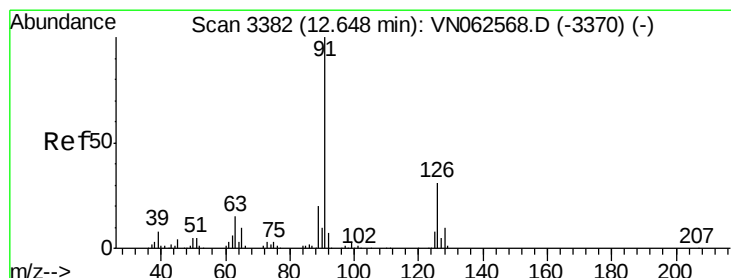
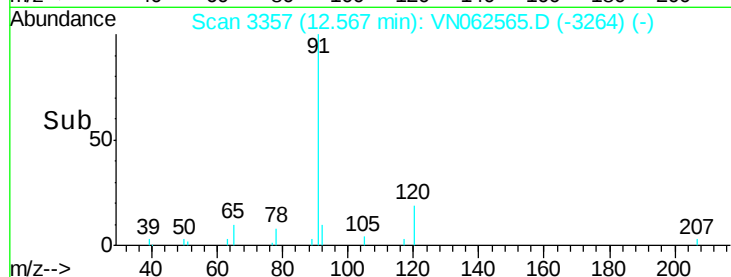
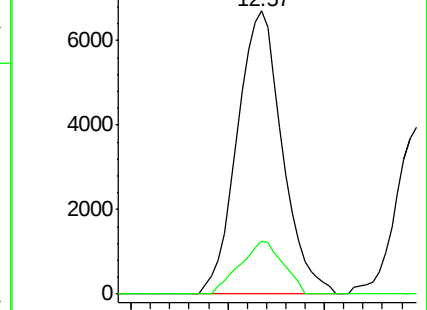
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Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3345) (-)

Ion 120.00 (119.70 to 120.70): VN062568.D (-3345) (-)



#79

2-Chlorotoluene

Concen: 1.000 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062565.D

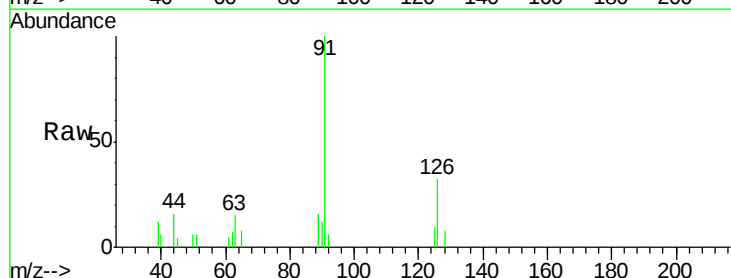
Acq: 21 Jul 2020 10:59

Tgt Ion: 91 Resp: 6784

Ion Ratio Lower Upper

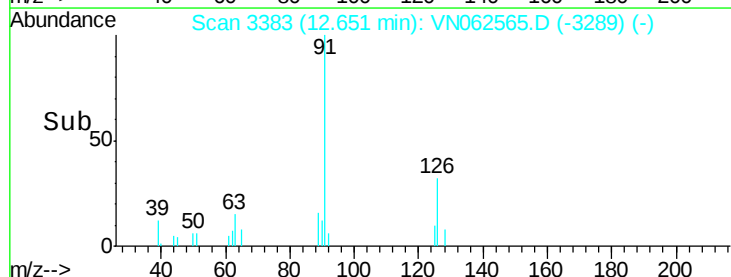
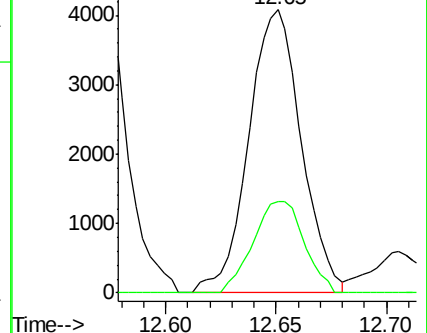
91 100

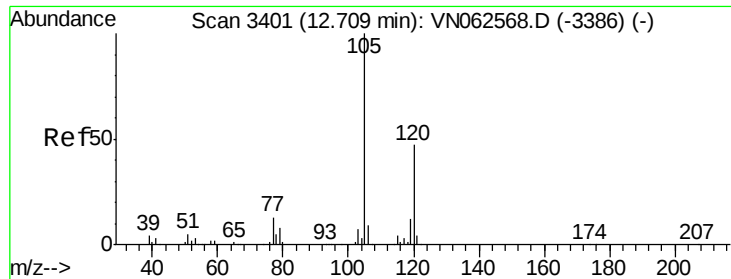
126 31.4 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062568.D (-3370) (-)





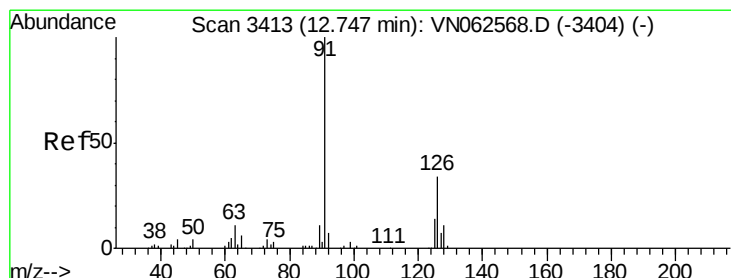
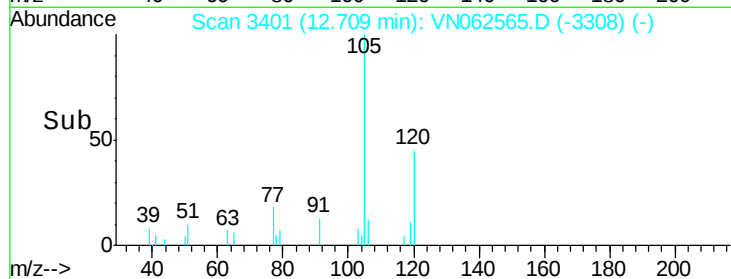
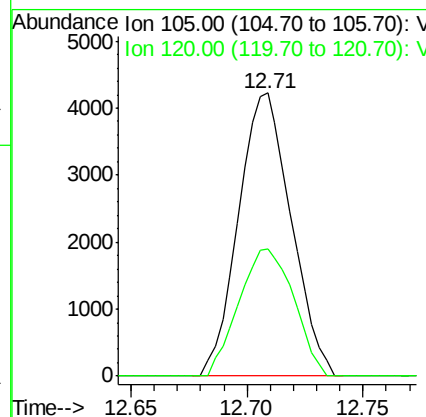
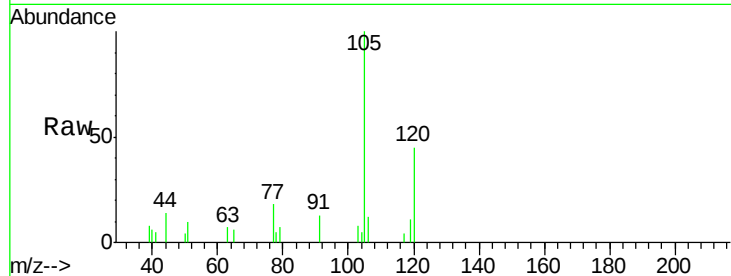
#80
 1,3,5-Trimethylbenzene
 Concen: 0.847 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 6669
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6

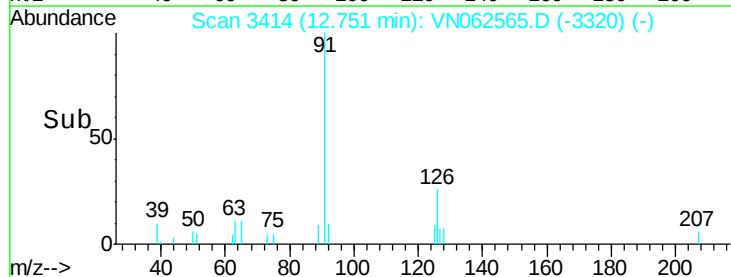
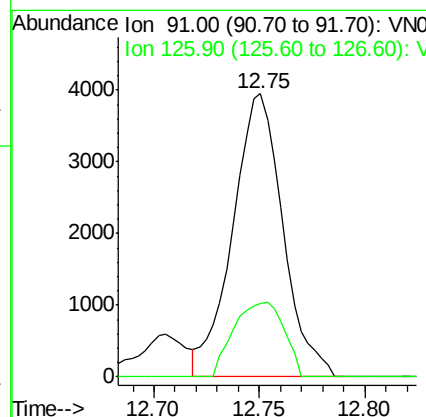
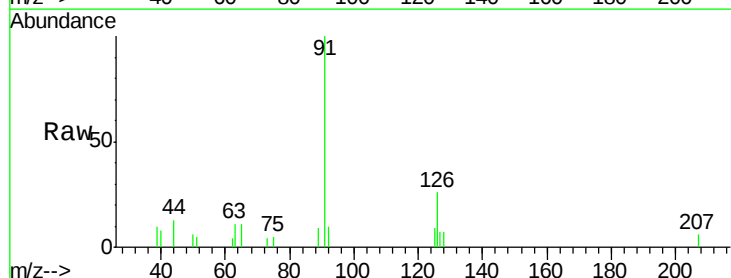
Manual Integrations
 APPROVED

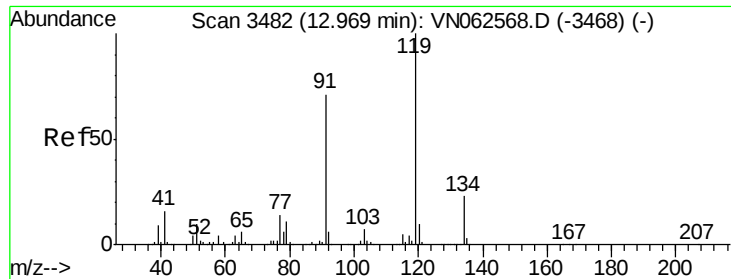
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#82
 4-Chlorotoluene
 Concen: 0.948 ug/l
 RT: 12.75 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion: 91 Resp: 6536
 Ion Ratio Lower Upper
 91 100
 126 26.2 15.4 46.4





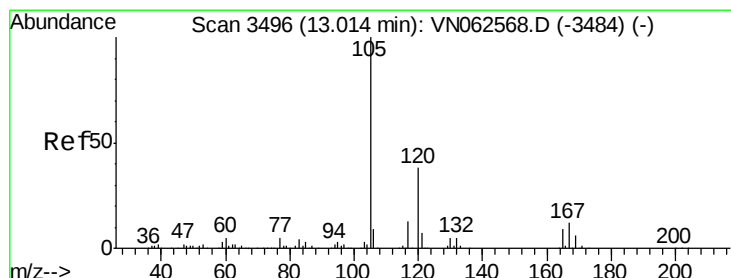
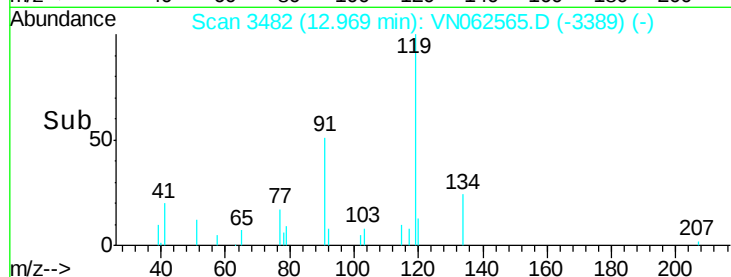
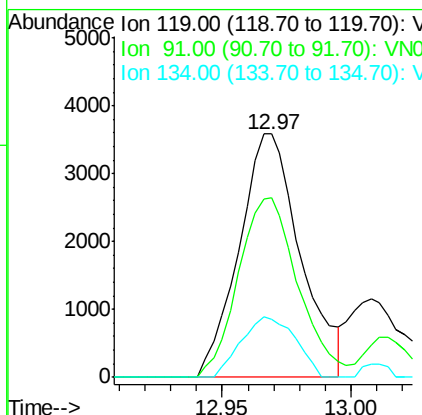
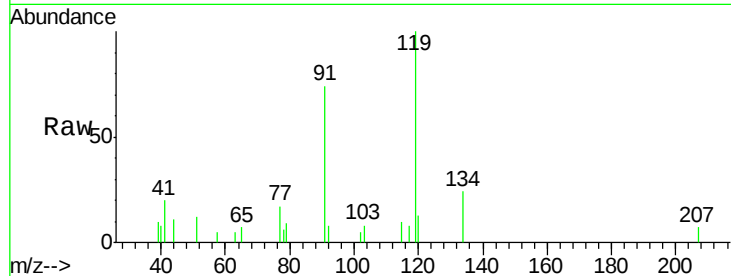
#83
 tert-Butylbenzene
 Concen: 0.897 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.5	34.6	103.8
134	21.9	11.5	34.4

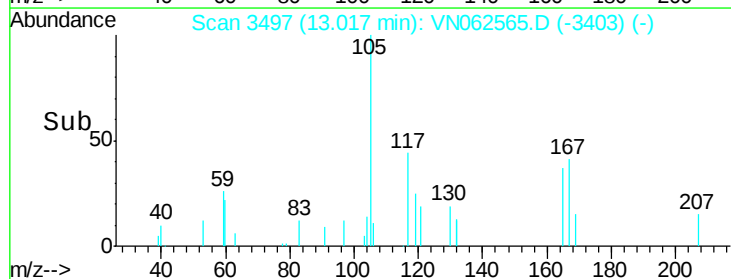
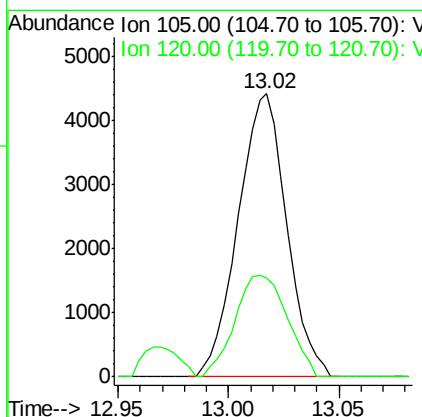
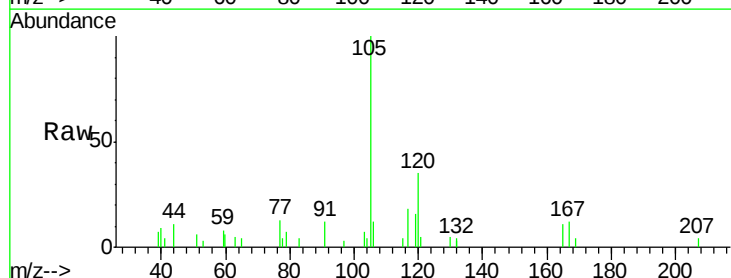
Manual Integrations
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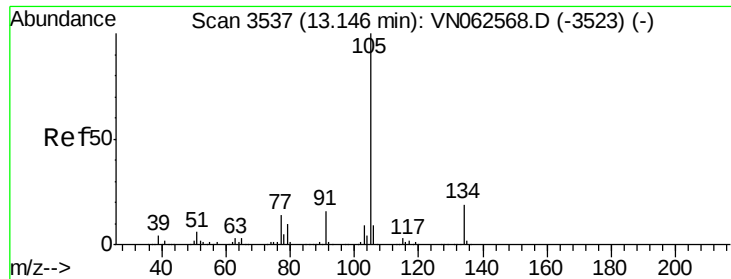
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.865 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	38.6	22.1	66.3





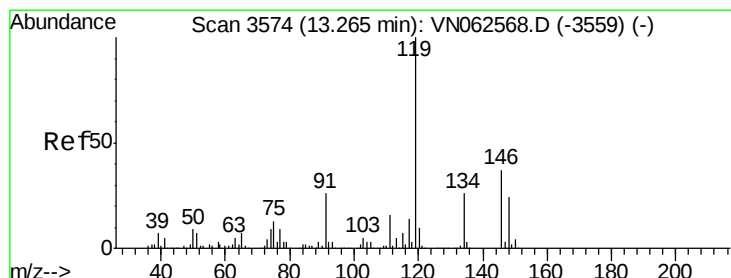
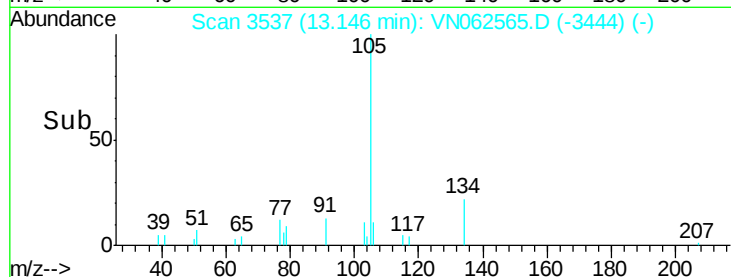
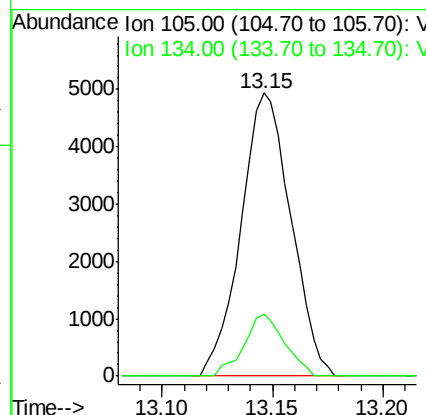
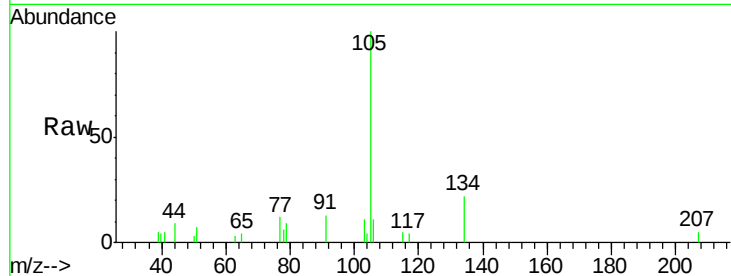
#85
 sec-Butylbenzene
 Concen: 0.881 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	17.8	9.5	28.5

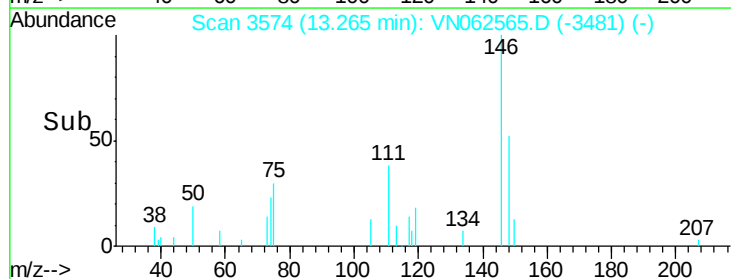
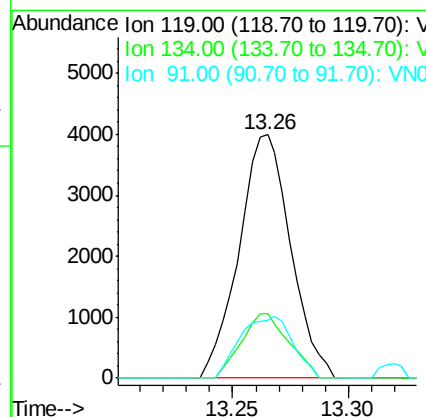
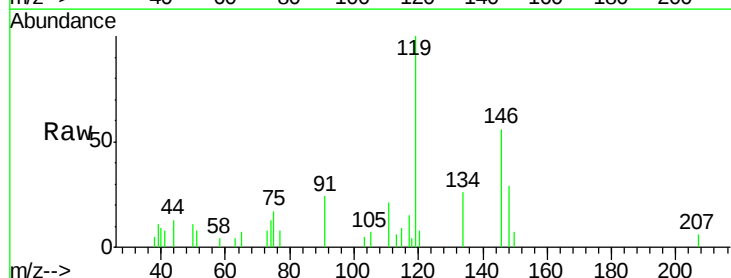
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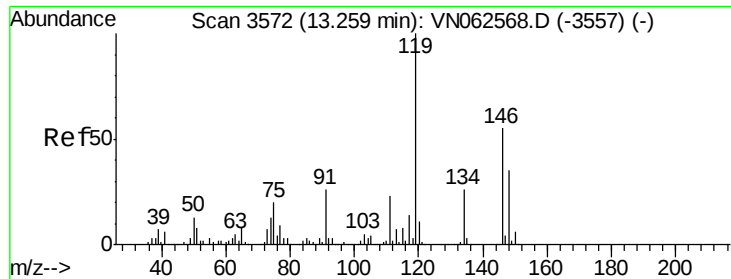
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#86
 p-Isopropyltoluene
 Concen: 0.813 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.3	12.8	38.4
91	25.9	12.7	38.1





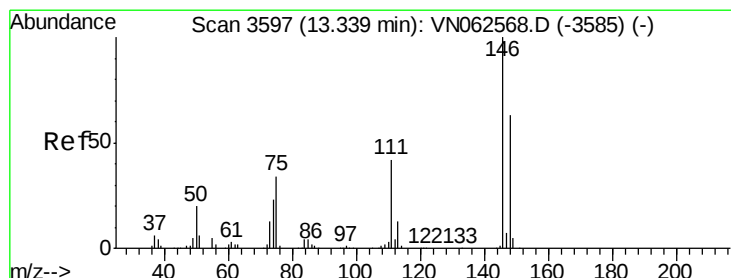
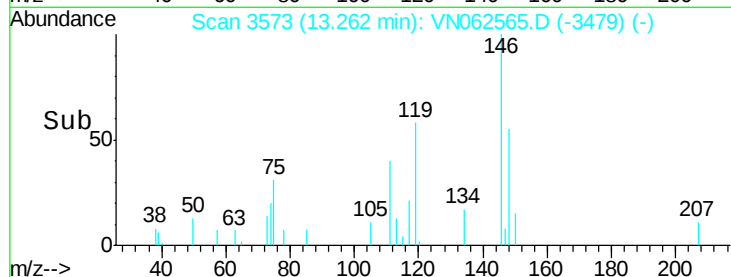
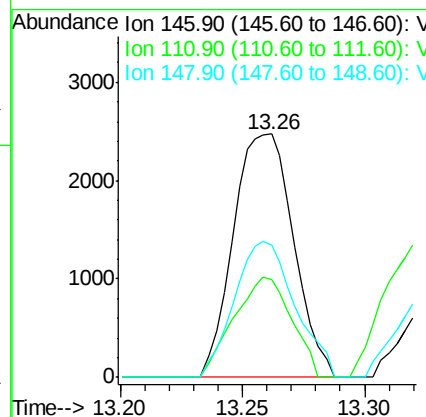
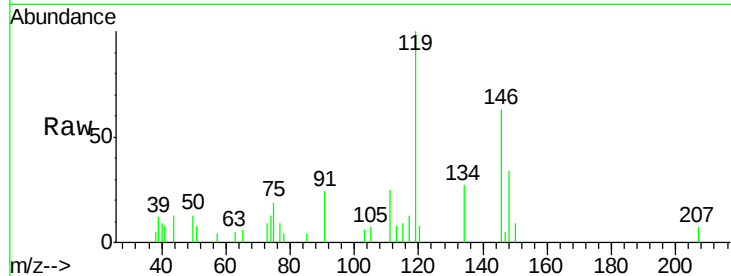
#87
 1,3-Dichlorobenzene
 Concen: 1.122 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.6	64.6
148	56.6	31.8	95.4

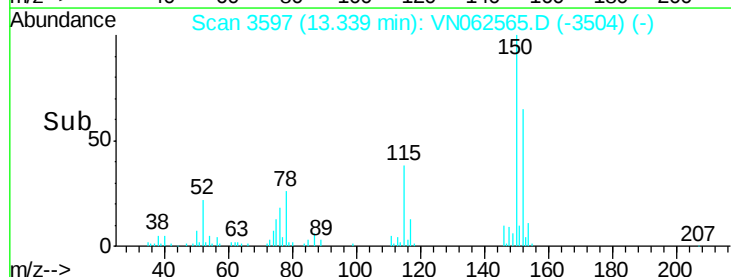
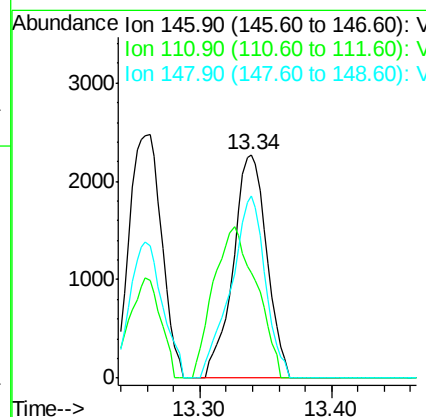
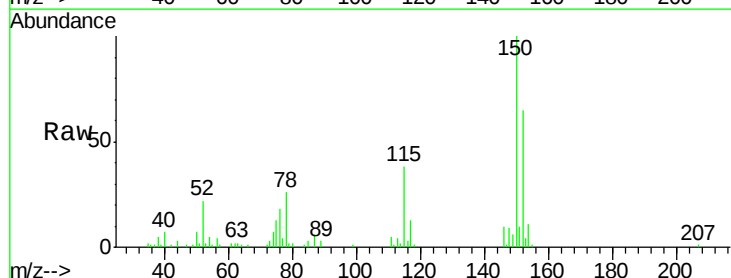
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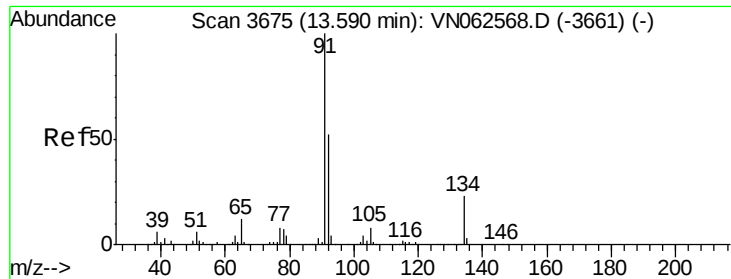
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#88
 1,4-Dichlorobenzene
 Concen: 1.040 ug/l m
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.1
148	59.4	31.6	94.8





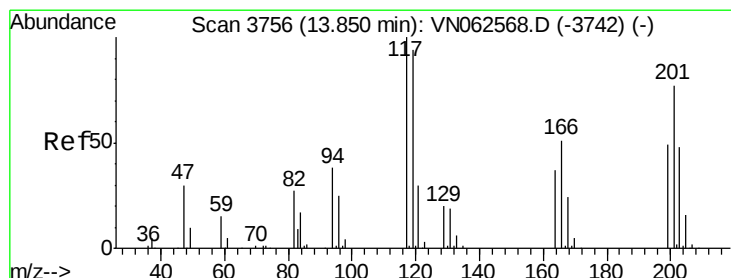
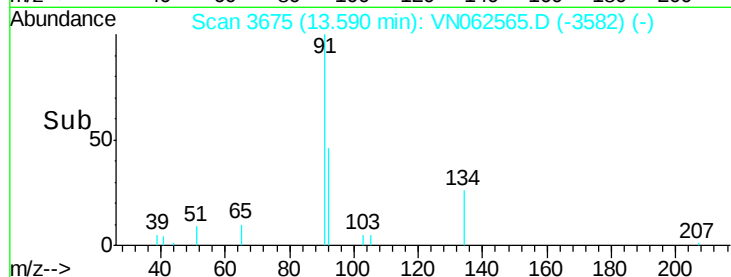
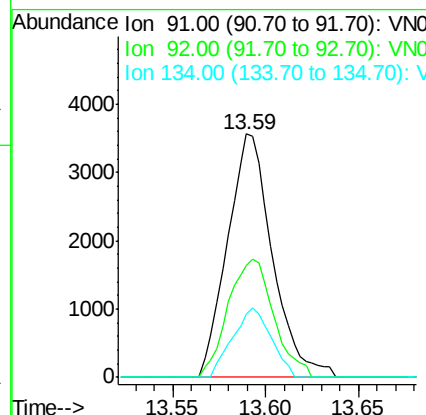
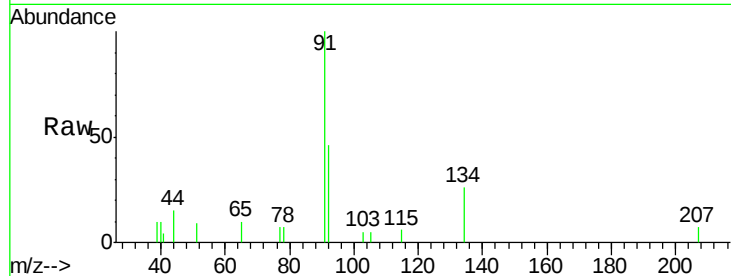
#89
n-Butylbenzene
Concen: 0.897 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.3	25.8	77.3
134	24.3	11.8	35.3

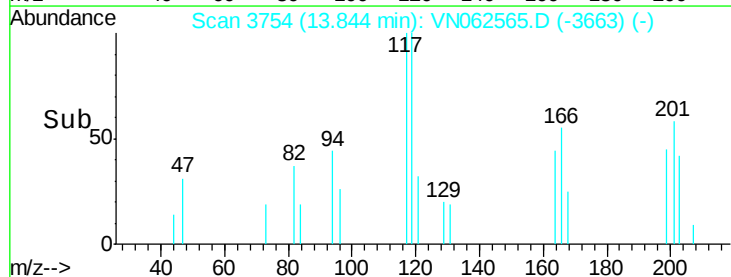
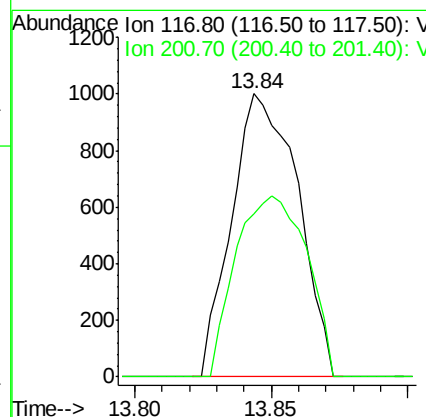
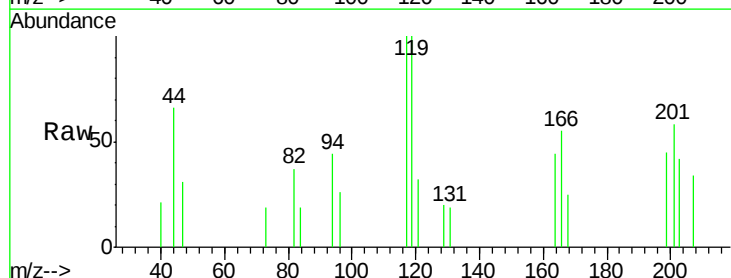
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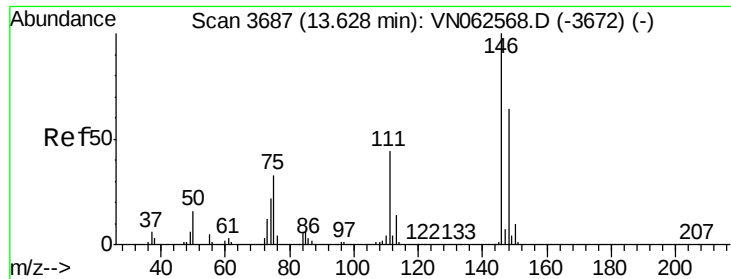
MMDadoda
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#90
Hexachloroethane
Concen: 1.122 ug/l
RT: 13.84 min Scan# 3754
Delta R.T. -0.01 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.1	39.2	117.6





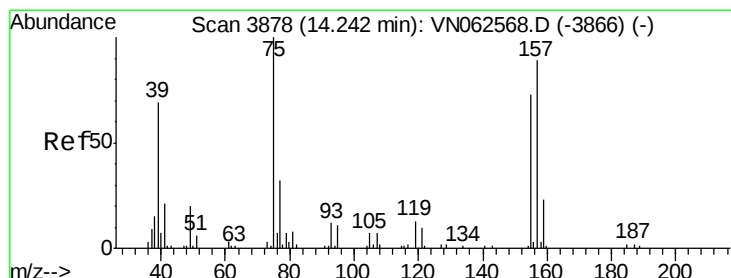
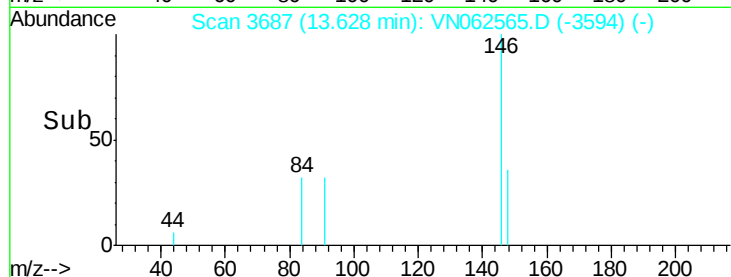
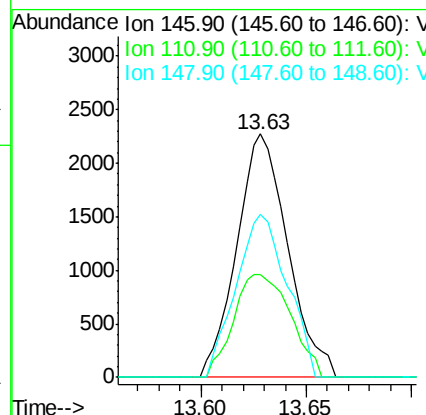
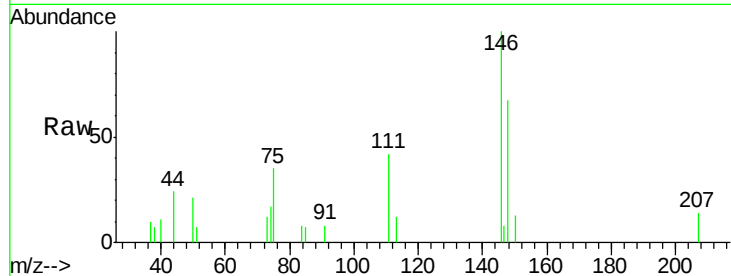
#91
 1,2-Dichlorobenzene
 Concen: 1.048 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.9	21.9	65.8
148	66.9	31.6	94.7

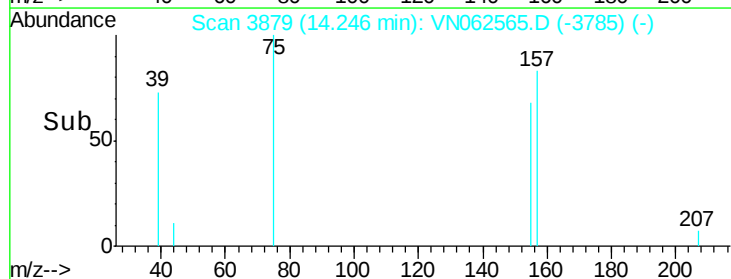
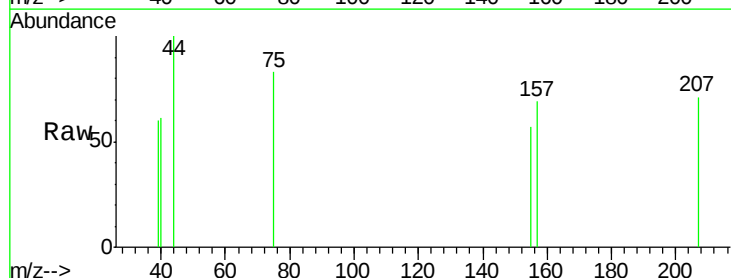
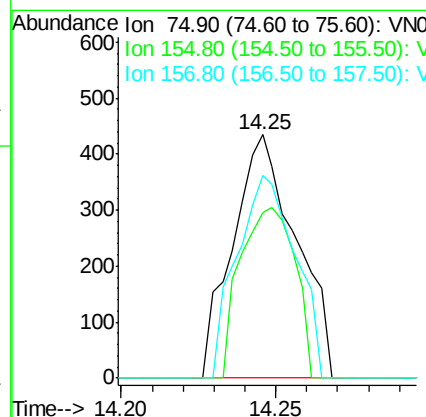
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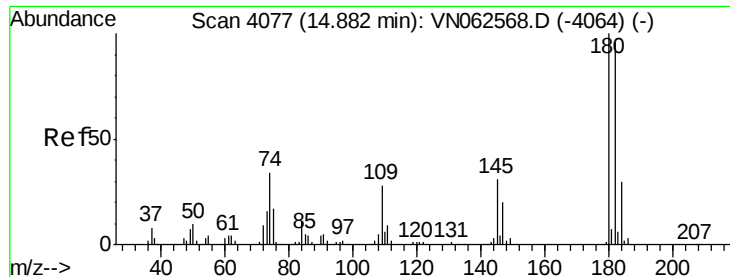
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.060 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.3	35.9	107.5
157	77.4	45.0	135.0





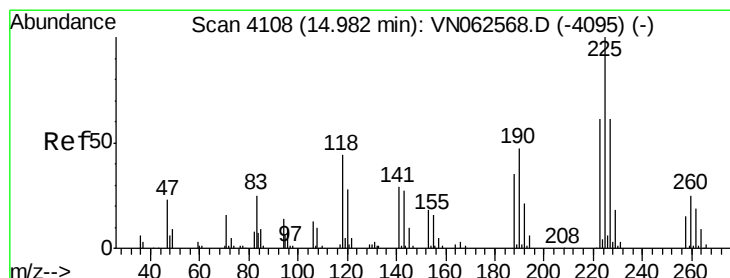
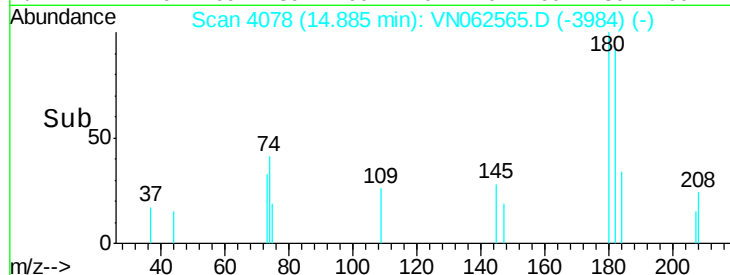
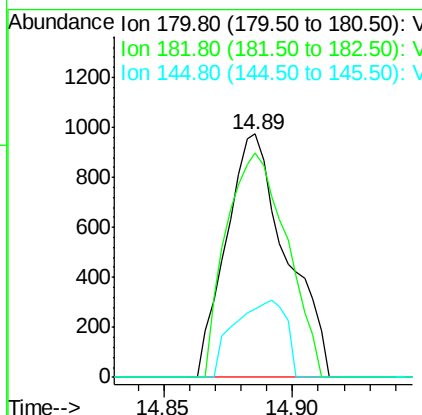
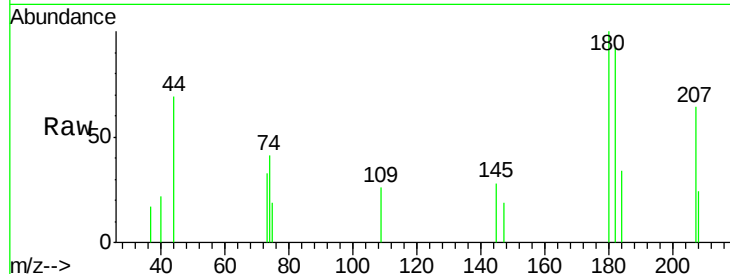
#93
 1,2,4-Trichlorobenzene
 Concen: 0.964 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.8	143.3
145	27.4	15.3	45.9

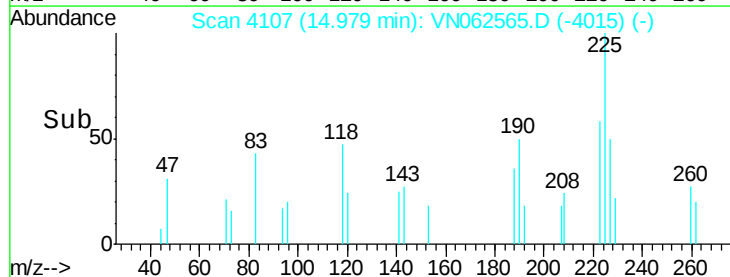
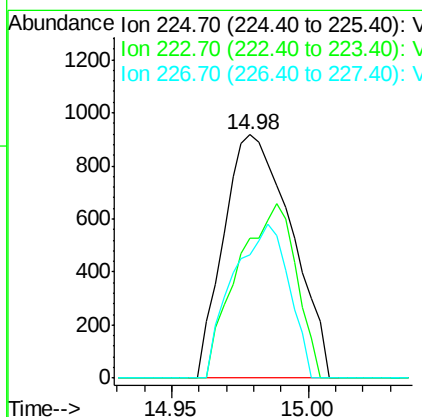
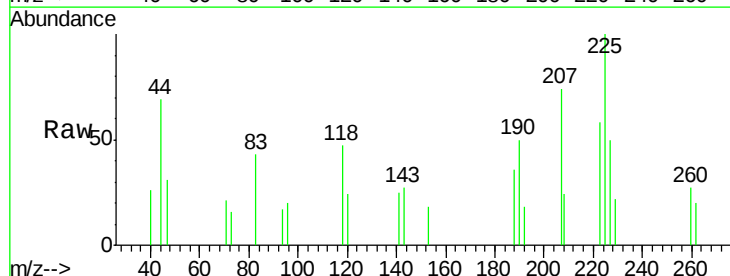
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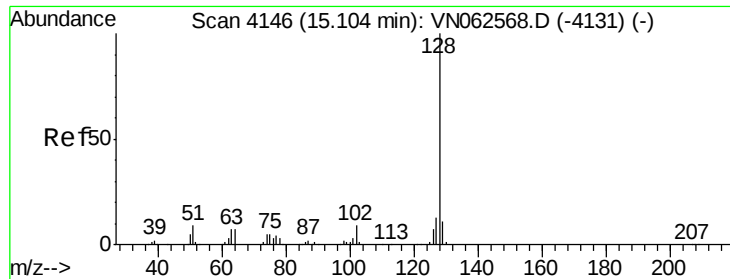
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#94
 Hexachlorobutadiene
 Concen: 1.614 ug/l
 RT: 14.98 min Scan# 4107
 Delta R.T. -0.00 min
 Lab File: VN062565.D
 Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.0	96.0
227	52.4	31.1	93.2





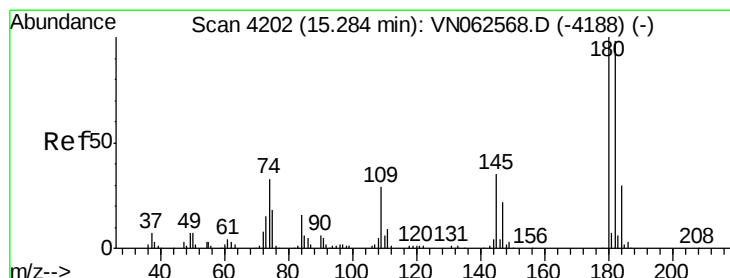
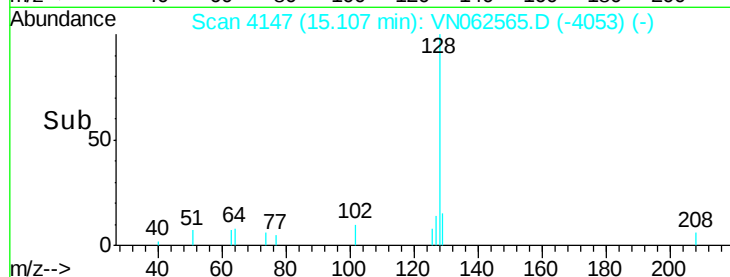
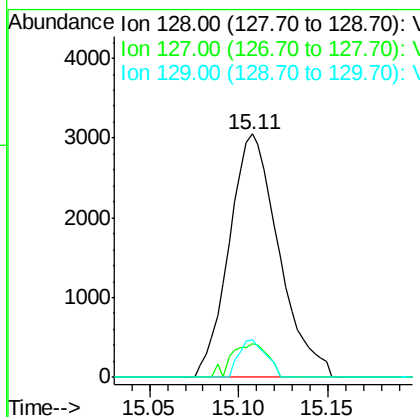
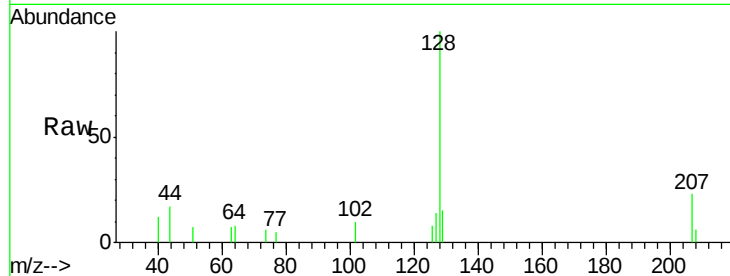
#95
Naphthalene
Concen: 1.294 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.4	15.6#
129	8.5	8.7	13.1#

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 1.045 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062565.D
Acq: 21 Jul 2020 10:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	126.7	48.1	144.3
145	38.8	16.7	50.1

