

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063046.D
 Acq On : 20 Aug 2020 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 9:20:49 AM

Quant Time: Aug 21 06:47:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	173795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106265	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.55	113	87228	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	10.06	98	340911	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.38	95	121164	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	113984	50.199	ug/l	99
3) Chloromethane	2.03	50	124088	52.073	ug/l	99
4) Vinyl Chloride	2.16	62	124154	53.874	ug/l	96
5) Bromomethane	2.51	94	69969	51.152	ug/l	97
6) Chloroethane	2.66	64	73056	53.693	ug/l	99
7) Trichlorofluoromethane	2.98	101	148091	51.529	ug/l	96
8) Diethyl Ether	3.37	74	48768	47.967	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	75593	48.813	ug/l	98
10) Methyl Iodide	3.91	142	101679	51.800	ug/l	98
11) Tert butyl alcohol	4.74	59	65178	223.395	ug/l	99
12) 1,1-Dichloroethene	3.70	96	68185	46.220	ug/l	94
13) Acrolein	3.57	56	14751	161.387	ug/l	99
14) Allyl chloride	4.28	41	124889	48.014	ug/l	99
15) Acrylonitrile	4.93	53	223948	261.151	ug/l	99
16) Acetone	3.78	43	169937	264.799	ug/l	97
17) Carbon Disulfide	4.01	76	183556	47.510	ug/l	99
18) Methyl Acetate	4.28	43	104600	51.100	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	271134	52.701	ug/l	99
20) Methylene Chloride	4.50	84	92235	50.811	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	77839	50.419	ug/l	99
22) Diisopropyl ether	5.91	45	316721	53.658	ug/l	98
23) Vinyl Acetate	5.84	43	1013457	254.436	ug/l	100
24) 1,1-Dichloroethane	5.80	63	167218	50.696	ug/l	98
25) 2-Butanone	6.79	43	274921	251.402	ug/l	98
26) 2,2-Dichloropropane	6.78	77	124371	47.946	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	94531	48.851	ug/l	98
28) Bromochloromethane	7.15	49	87809	50.879	ug/l	96
29) Tetrahydrofuran	7.17	42	185564	262.922	ug/l	100
30) Chloroform	7.33	83	168675	50.776	ug/l	98
31) Cyclohexane	7.62	56	150101	49.443	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	135714	50.042	ug/l	100
36) 1,1-Dichloropropene	7.75	75	113710	50.280	ug/l	99
37) Ethyl Acetate	6.88	43	107747	50.846	ug/l	99
38) Carbon Tetrachloride	7.73	117	113687	49.793	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141457	46.444	ug/l	98
40) Benzene	8.00	78	368790	51.415	ug/l	99
41) Methacrylonitrile	7.13	41	50201	49.721	ug/l	96
42) 1,2-Dichloroethane	8.09	62	125213	51.989	ug/l	99
43) Isopropyl Acetate	8.13	43	179732	51.195	ug/l #	91
44) Trichloroethene	8.80	130	88024	49.335	ug/l	96
45) 1,2-Dichloropropane	9.09	63	106687	51.456	ug/l	98
46) Dibromomethane	9.18	93	62969	52.572	ug/l	99
47) Bromodichloromethane	9.37	83	136786	52.141	ug/l	99
48) Methyl methacrylate	9.17	41	88503	53.280	ug/l	98
49) 1,4-Dioxane	9.17	88	33207	909.865	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	602733	271.615	ug/l	99
52) Toluene	10.12	92	228251	52.751	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	142269	52.441	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	156436	52.565	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	98125	53.037	ug/l	100
56) Ethyl methacrylate	10.40	69	137345	48.132	ug/l	97
57) 1,3-Dichloropropane	10.68	76	161263	52.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	168275	242.605	ug/l	100
59) 2-Hexanone	10.72	43	425644	274.989	ug/l	98
60) Dibromochloromethane	10.88	129	105725	51.636	ug/l	99
61) 1,2-Dibromoethane	10.98	107	93870	52.803	ug/l	100
64) Tetrachloroethene	10.60	164	81498	50.186	ug/l	97
65) Chlorobenzene	11.41	112	247912	49.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97587	50.568	ug/l	99
67) Ethyl Benzene	11.49	91	441453	52.657	ug/l	99
68) m/p-Xylenes	11.60	106	336643	108.041	ug/l	99
69) o-Xylene	11.92	106	160847	53.757	ug/l	99
70) Styrene	11.94	104	288493	48.641	ug/l	99
71) Bromoform	12.10	173	79233	51.582	ug/l #	98
73) Isopropylbenzene	12.22	105	435525	52.118	ug/l	100
74) N-amyl acetate	12.05	43	162350	54.245	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	143425	53.299	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	120448m	50.780	ug/l	
77) Bromobenzene	12.50	156	114465	49.804	ug/l	98
78) n-propylbenzene	12.57	91	513283	53.888	ug/l	100
79) 2-Chlorotoluene	12.65	91	306121	51.096	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	375100	54.300	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	45226	52.366	ug/l	98
82) 4-Chlorotoluene	12.75	91	321328	52.672	ug/l	100
83) tert-Butylbenzene	12.97	119	316351	53.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	366757	54.497	ug/l	100
85) sec-Butylbenzene	13.15	105	428610	53.191	ug/l	100
86) p-Isopropyltoluene	13.27	119	369728	52.659	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	204231	51.706	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	202075	50.406	ug/l	99
89) n-Butylbenzene	13.59	91	300245	45.389	ug/l	99
90) Hexachloroethane	13.85	117	73488	49.244	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	197287	51.709	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23106	54.902	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	90409	43.408	ug/l	98
94) Hexachlorobutadiene	14.99	225	65830	46.693	ug/l	100
95) Naphthalene	15.10	128	204231	42.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	91373	44.543	ug/l	99

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

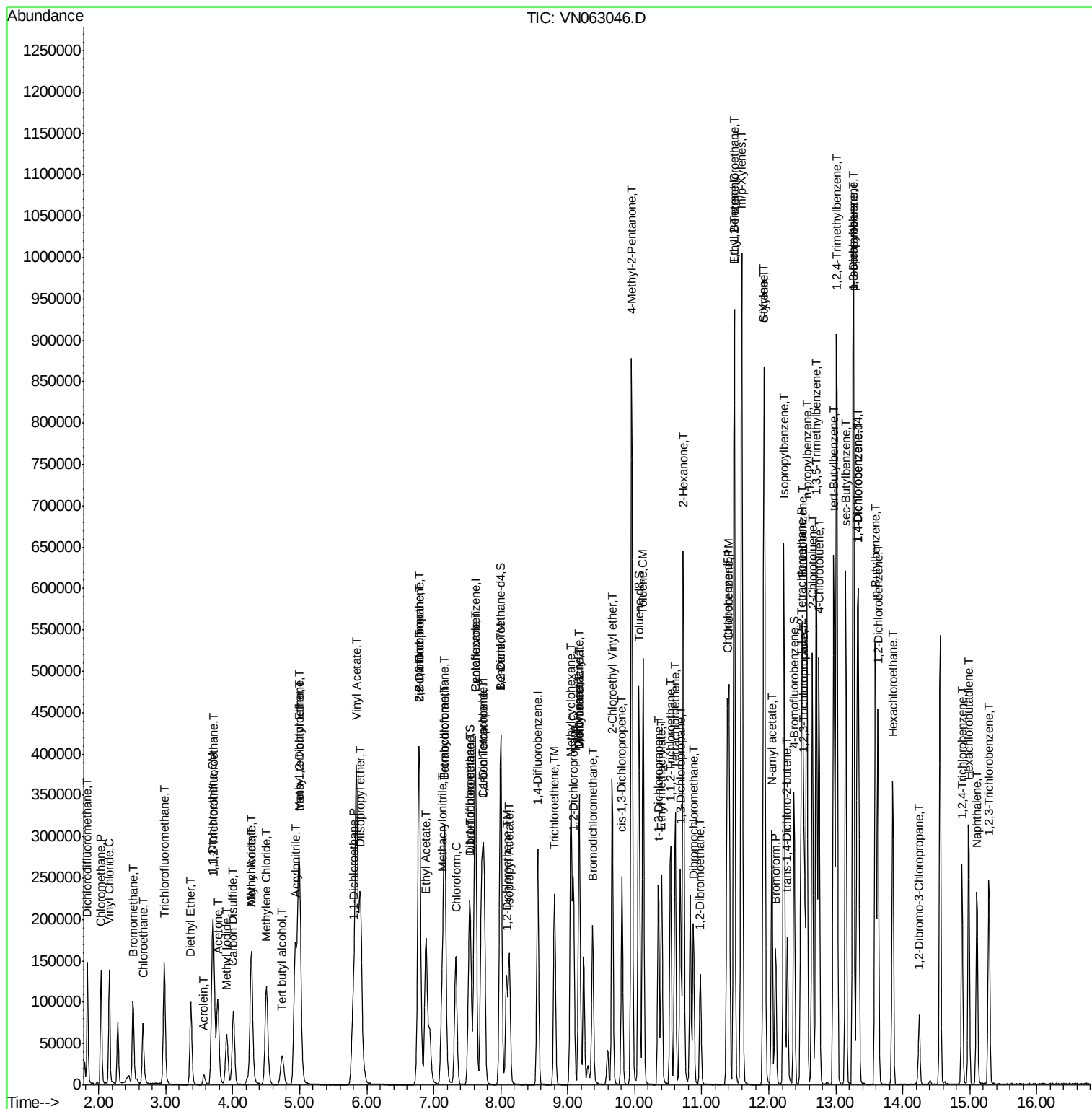
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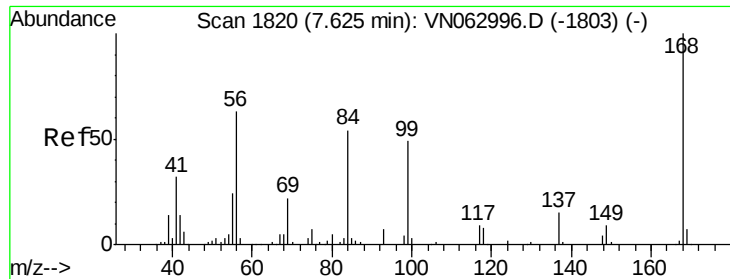
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 173795

Ion Ratio Lower Upper

168 100

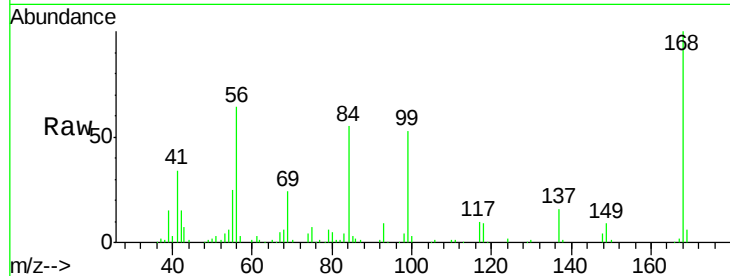
99 53.5 42.0 63.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

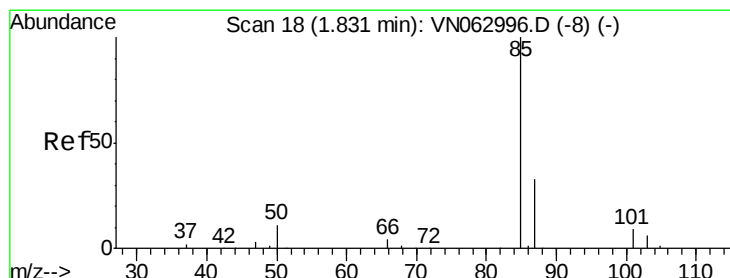
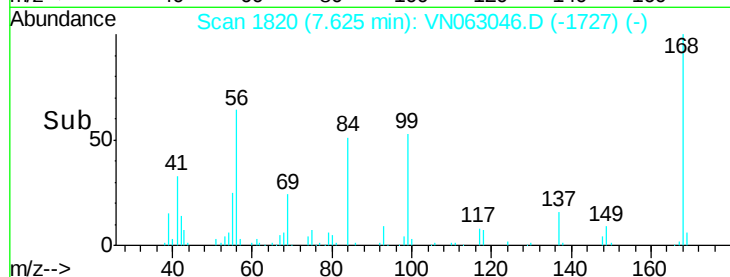
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 50.199 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063046.D

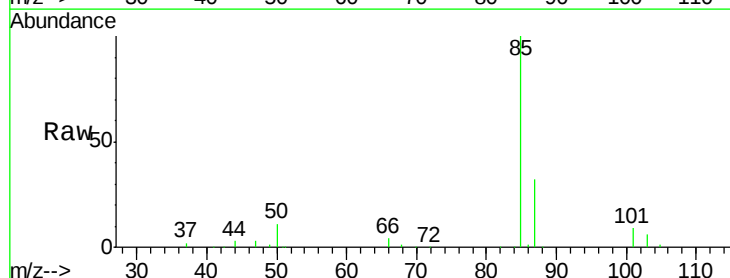
Acq: 20 Aug 2020 19:37

Tgt Ion: 85 Resp: 113984

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

80000

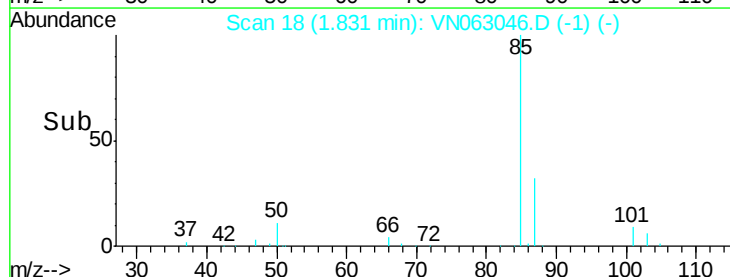
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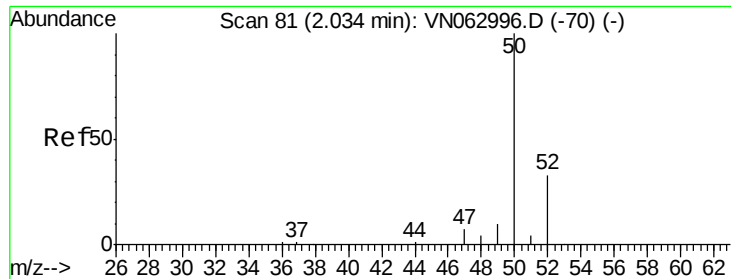
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 52.073 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 124088

Ion Ratio Lower Upper

50 100

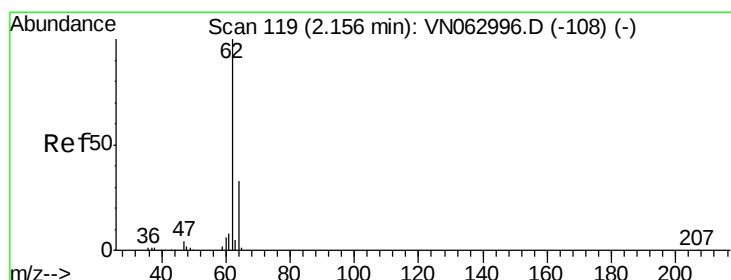
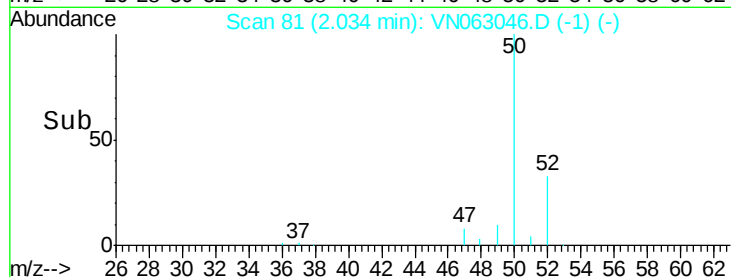
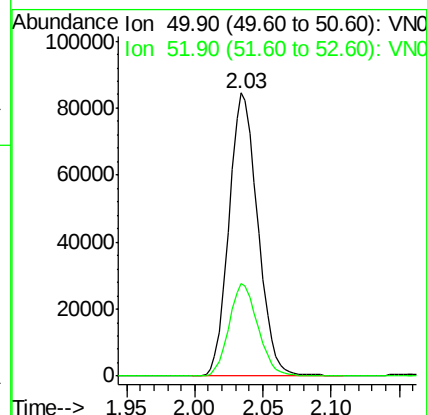
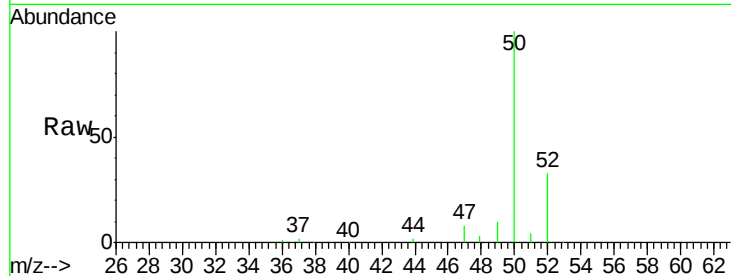
52 32.8 26.0 39.0

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#4

Vinyl Chloride

Concen: 53.874 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063046.D

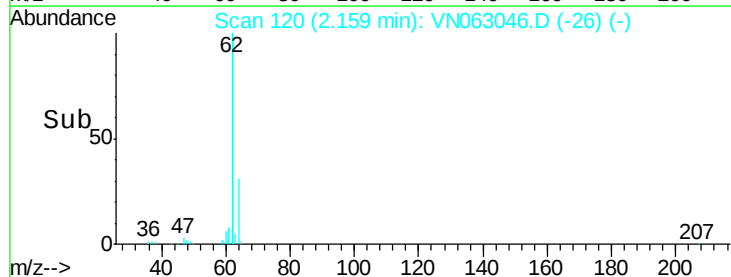
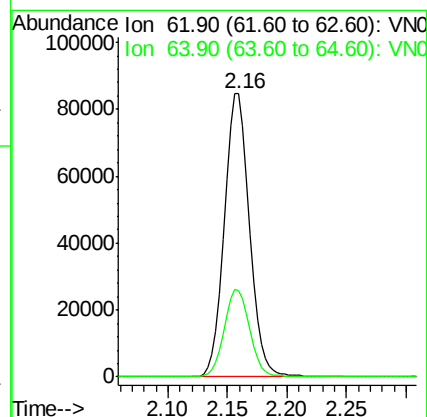
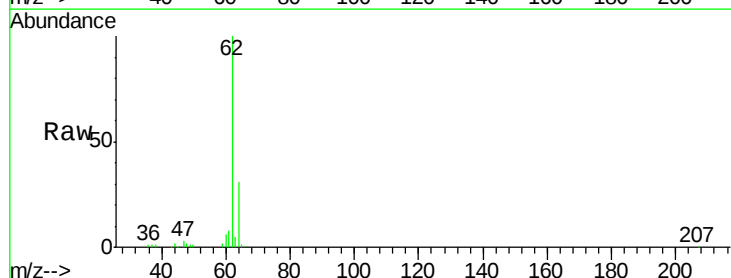
Acq: 20 Aug 2020 19:37

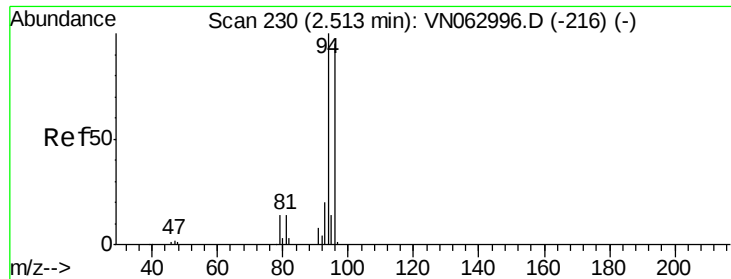
Tgt Ion: 62 Resp: 124154

Ion Ratio Lower Upper

62 100

64 30.5 26.2 39.2





#5

Bromomethane

Concen: 51.152 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 69969

Ion Ratio Lower Upper

94 100

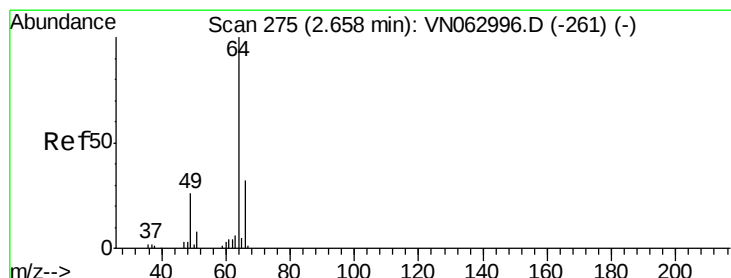
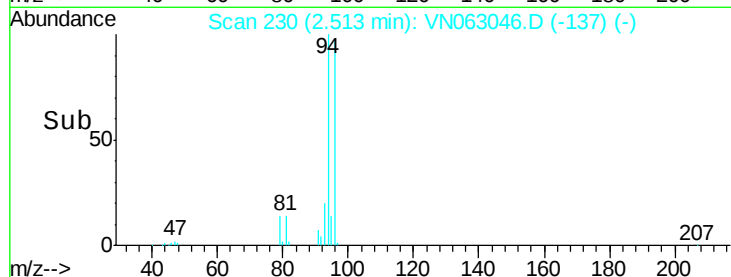
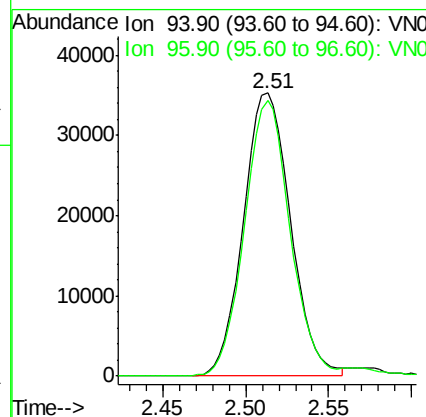
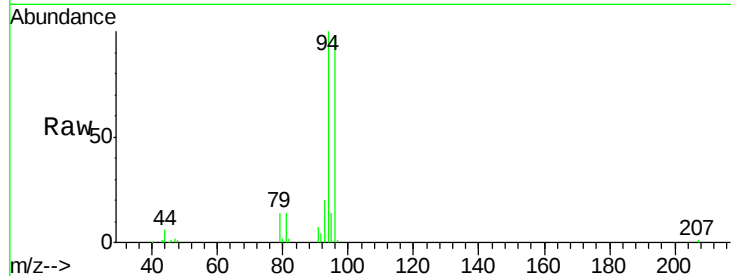
96 97.4 75.8 113.8

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#6

Chloroethane

Concen: 53.693 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.00 min

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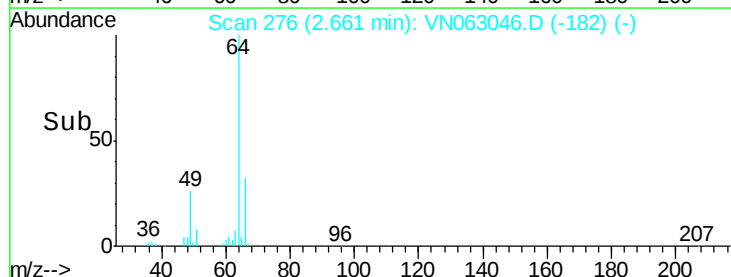
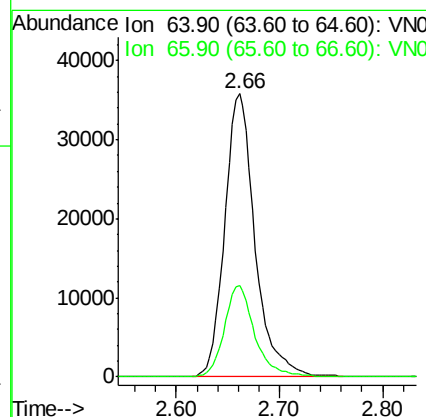
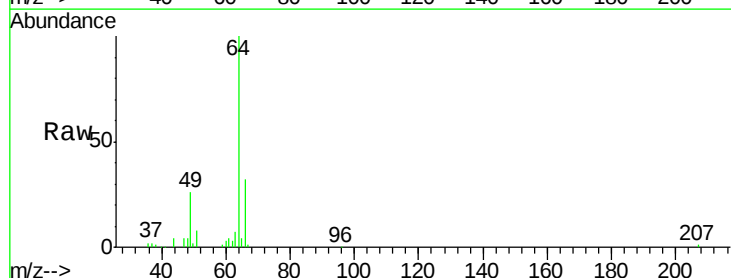
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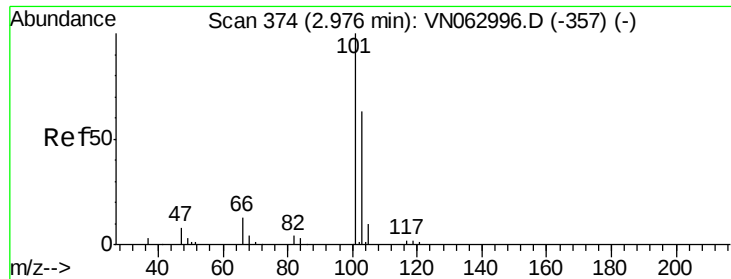
Tgt Ion: 64 Resp: 73056

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.0





#7

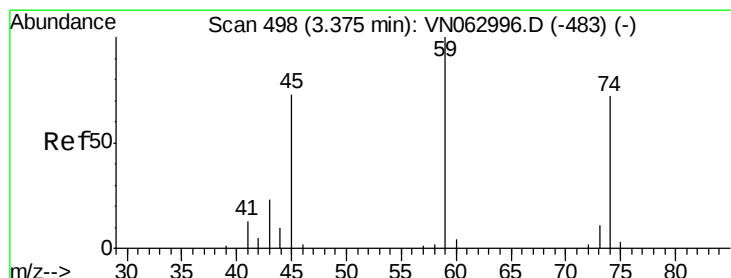
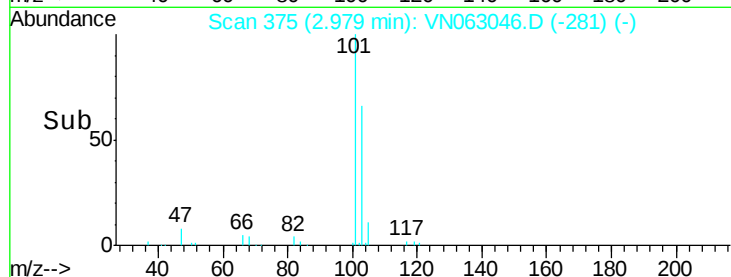
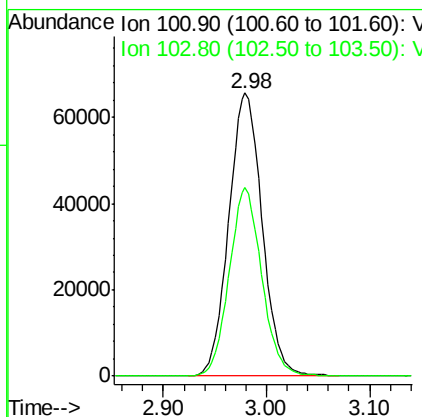
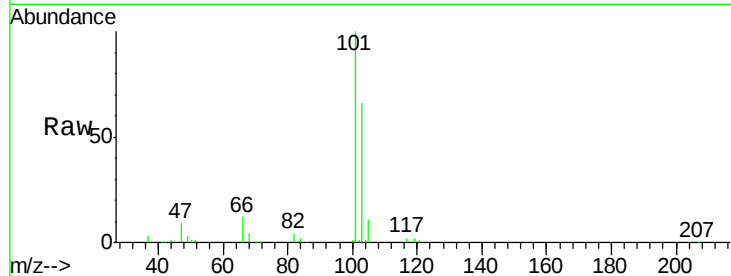
Trichlorofluoromethane
 Concen: 51.529 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063046.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	50.5	75.7

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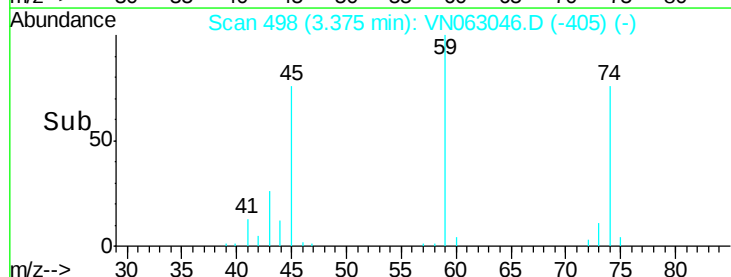
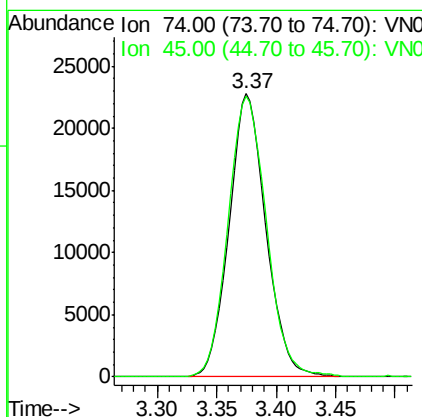
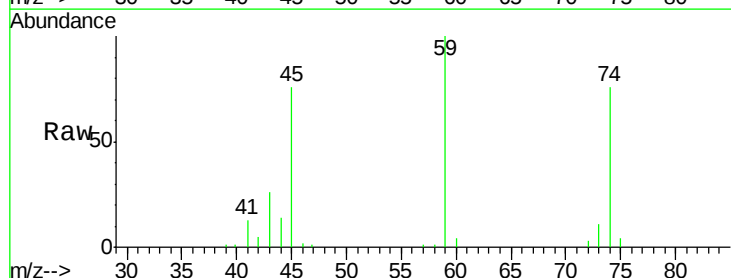
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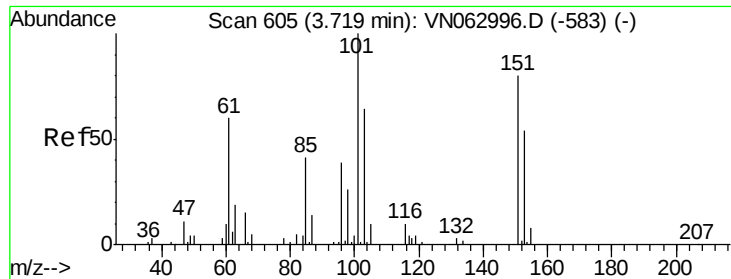


#8

Diethyl Ether
 Concen: 47.967 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	49.9	149.7





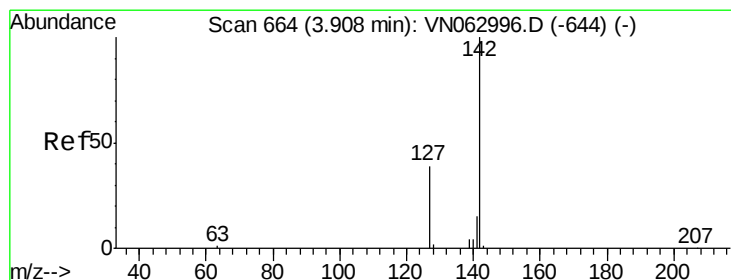
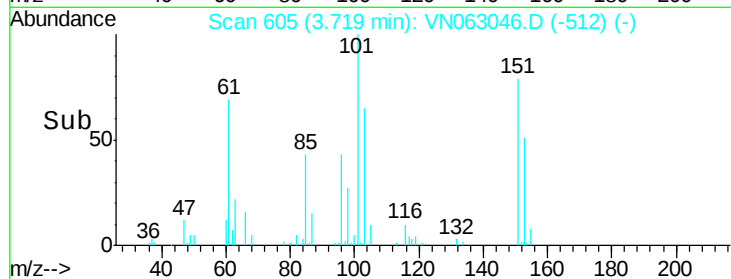
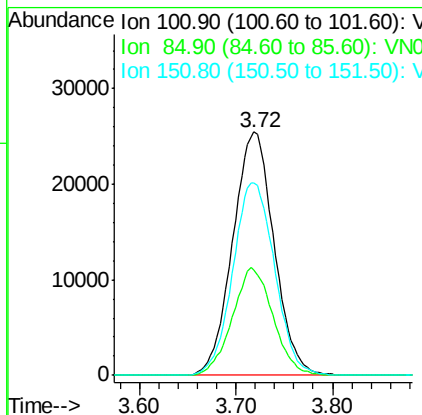
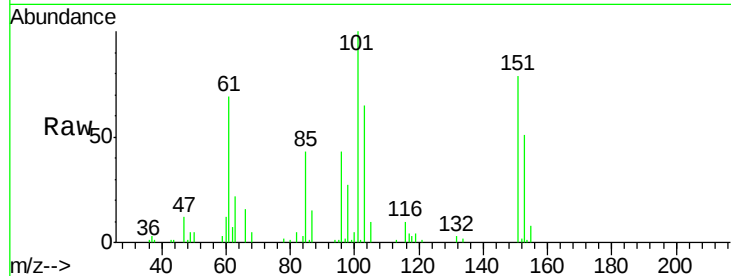
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.813 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	75593		
85	43.3	34.0	51.0	
151	80.1	65.8	98.8	

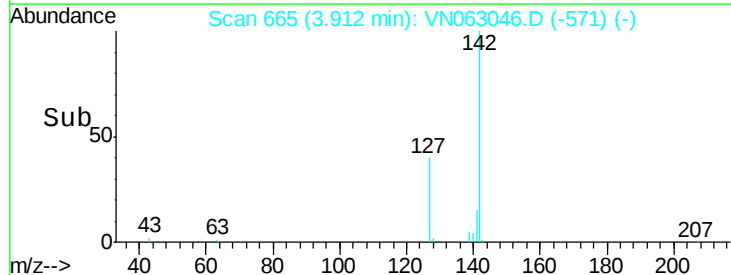
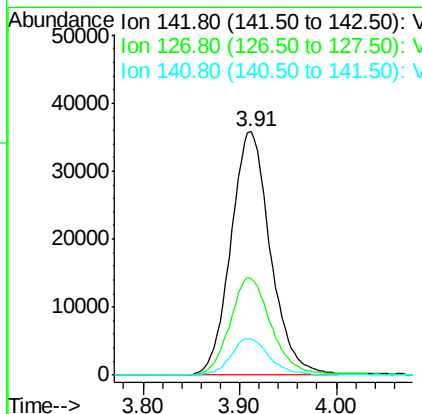
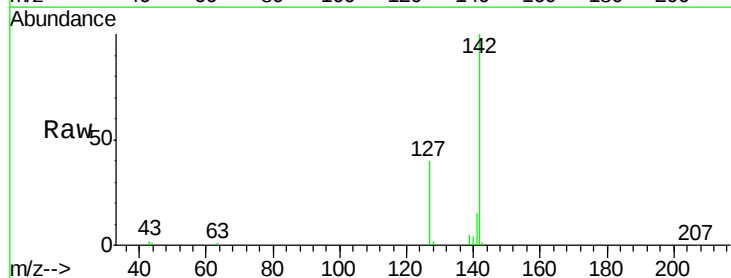
Manual Integrations
 APPROVED

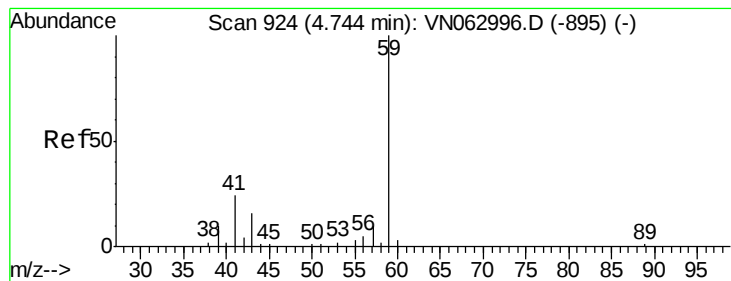
MMDadoda
 8/21/2020 9:20:49 AM



#10
 Methyl Iodide
 Concen: 51.800 ug/l
 RT: 3.91 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	101679		
127	41.5	32.2	48.4	
141	14.5	11.3	16.9	





#11

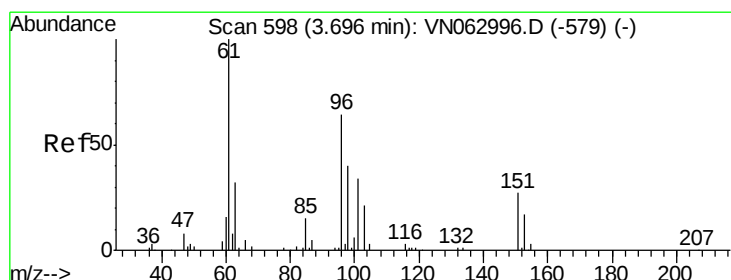
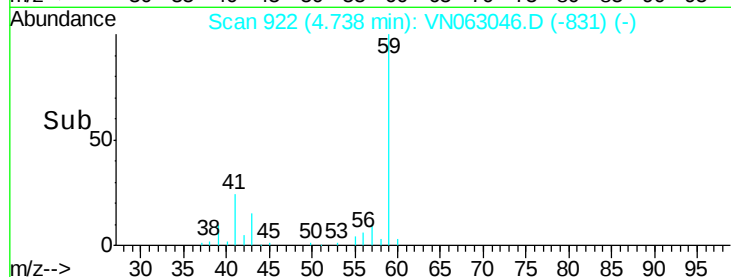
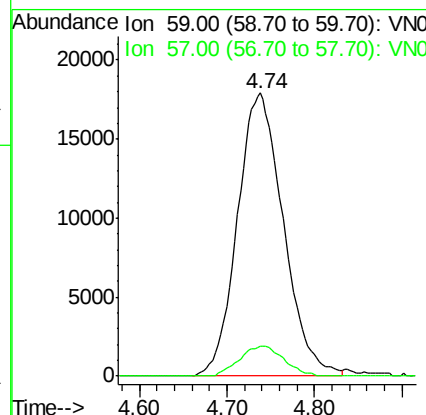
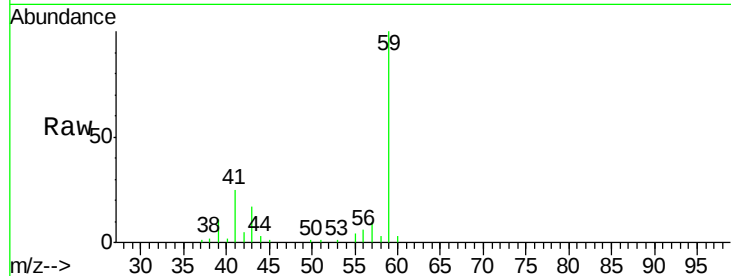
Tert butyl alcohol
 Concen: 223.395 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	57	Ratio	100	10.2	Resp	65178	Lower	7.8	Upper	11.6
Ion	59	57	Ratio	100	10.2	Resp	65178	Lower	7.8	Upper	11.6

Manual Integrations
 APPROVED

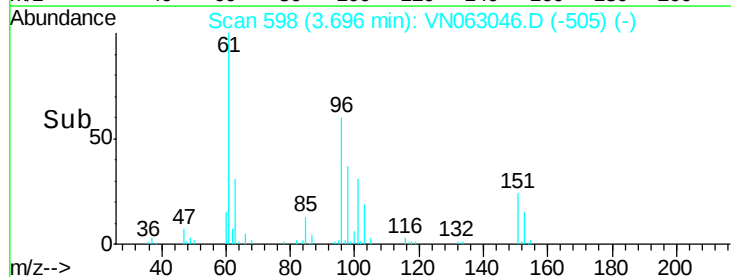
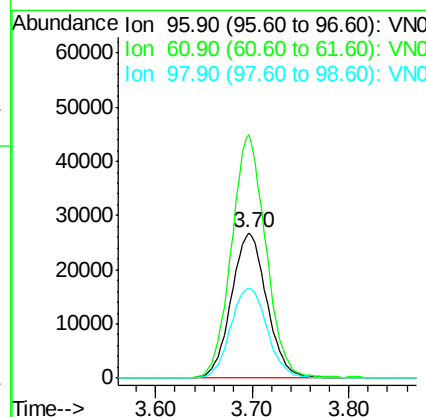
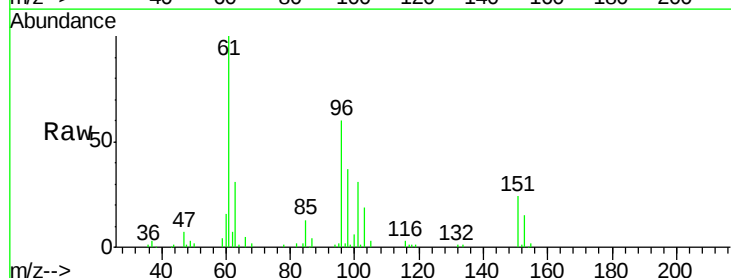
MMDadoda
 8/21/2020 9:20:49 AM

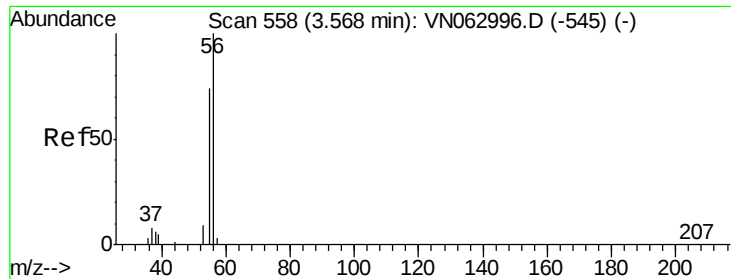


#12

1,1-Dichloroethene
 Concen: 46.220 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	96	61	98	Ratio	100	167.7	62.1	Resp	68185	Lower	125.5	50.4	Upper	188.3	75.6
Ion	96	61	98	Ratio	100	167.7	62.1	Resp	68185	Lower	125.5	50.4	Upper	188.3	75.6





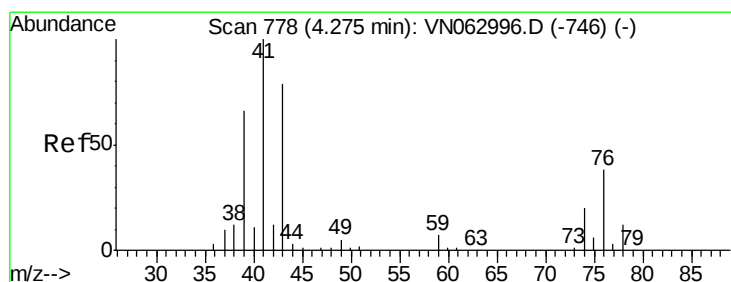
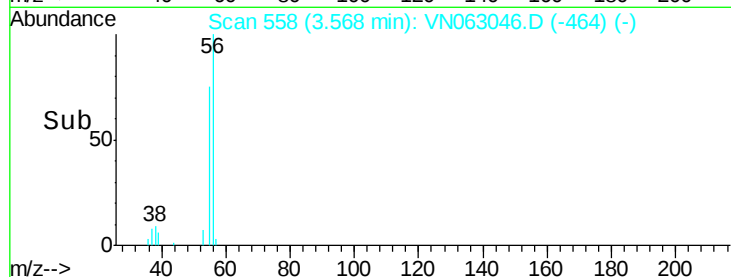
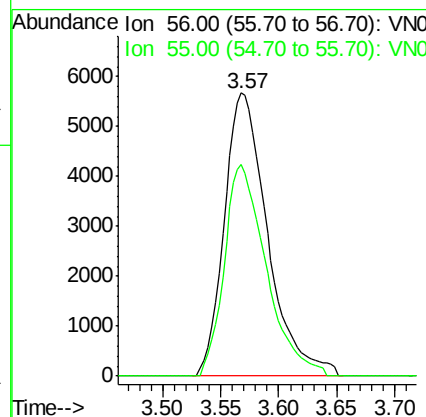
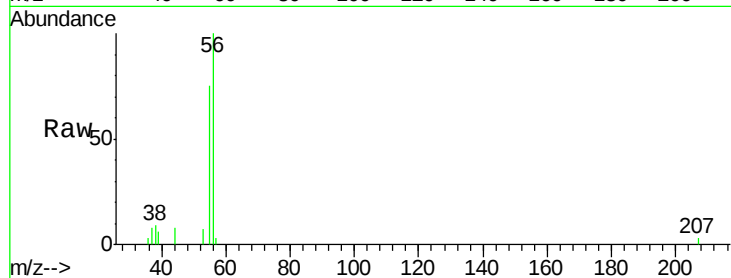
#13
Acrolein
Concen: 161.387 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.4	58.4	87.6	

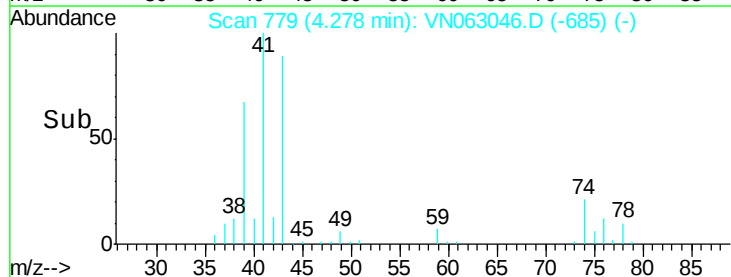
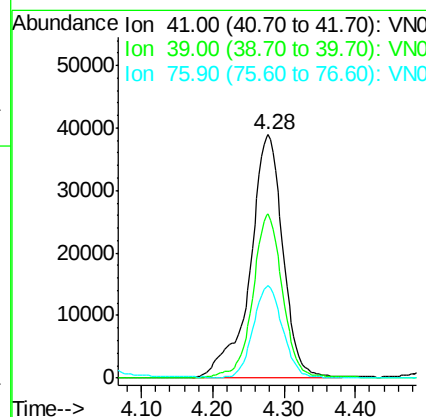
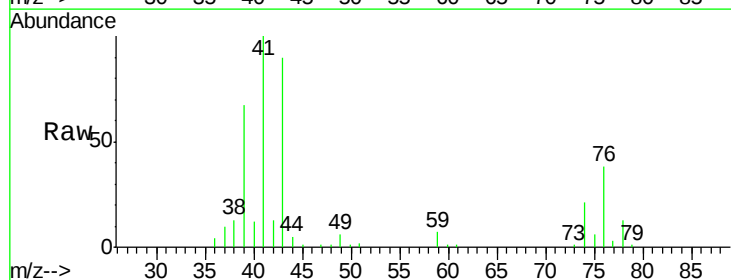
Manual Integrations
APPROVED

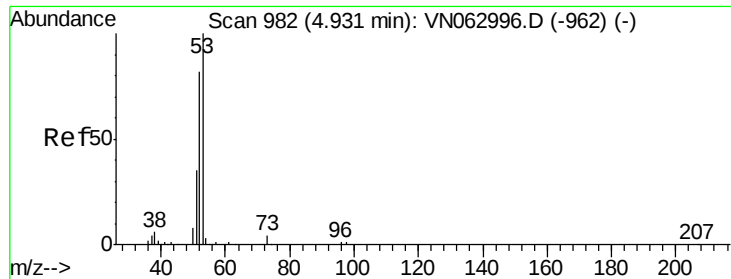
MMDadoda
8/21/2020 9:20:49 AM



#14
Allyl chloride
Concen: 48.014 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.5	47.9	71.9	
76	34.0	27.0	40.6	





#15

Acrylonitrile

Concen: 261.151 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

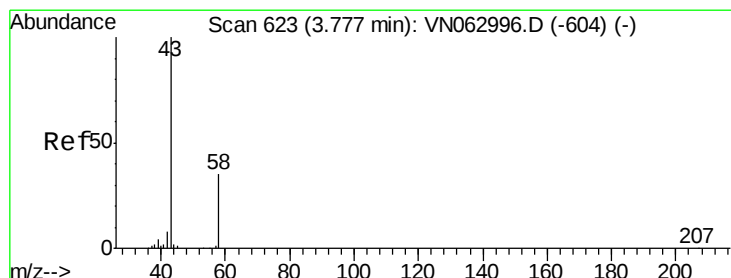
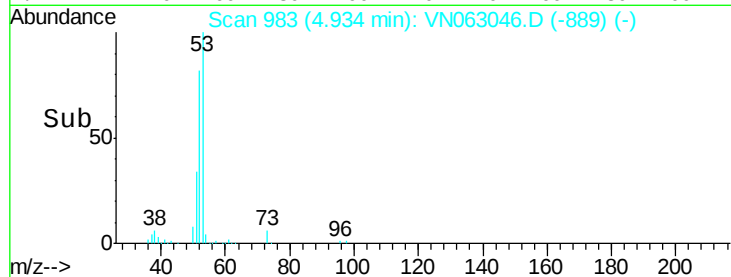
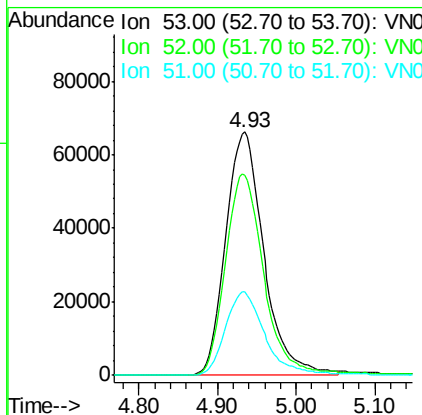
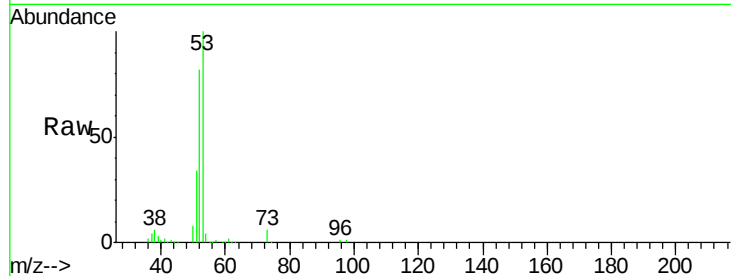
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.6	98.4
51	35.6	28.2	42.4

Manual Integrations
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MMDadoda
8/21/2020 9:20:49 AM



#16

Acetone

Concen: 264.799 ug/l

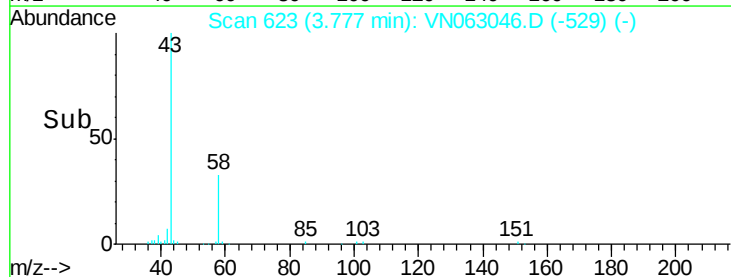
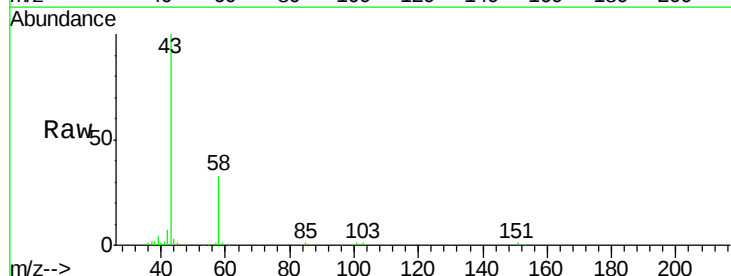
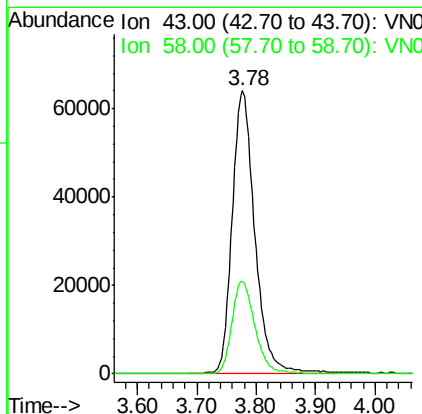
RT: 3.78 min Scan# 623

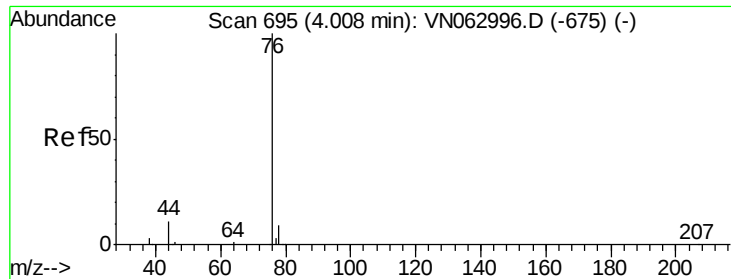
Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.8	41.6





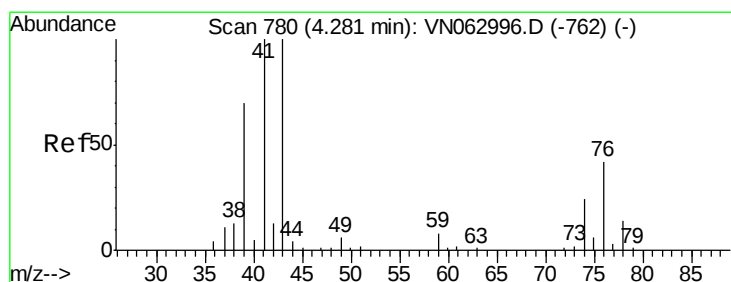
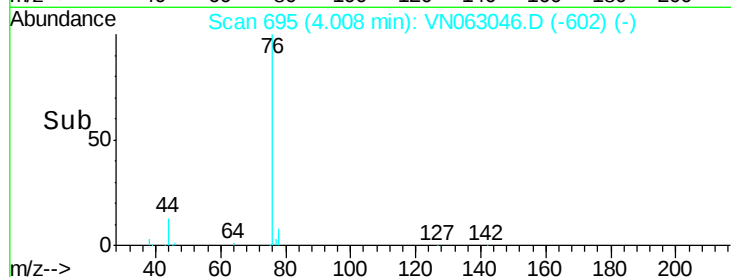
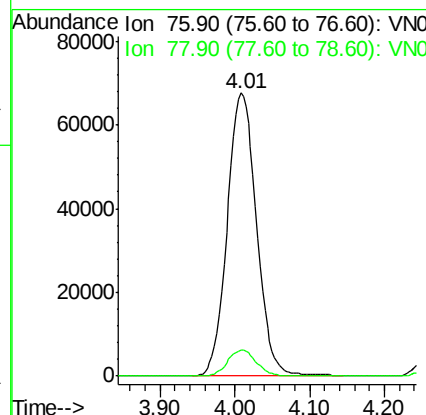
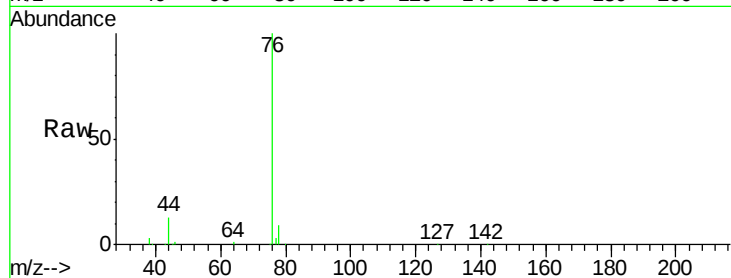
#17
Carbon Disulfide
Concen: 47.510 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	183556		
78	9.1		6.9	10.3

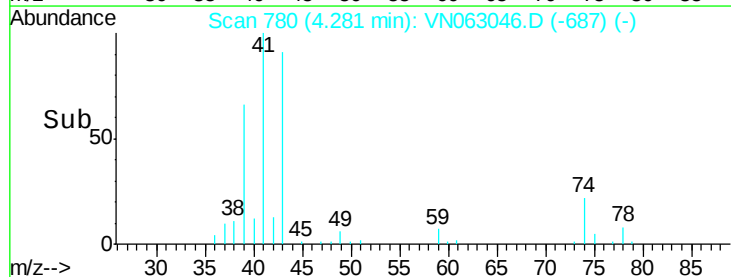
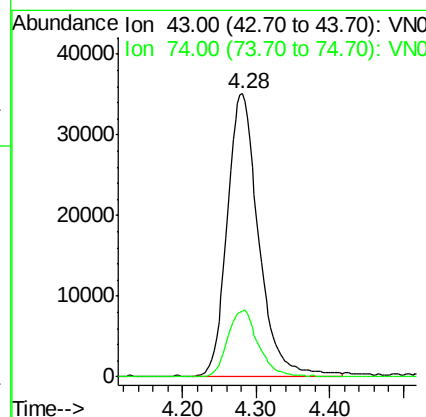
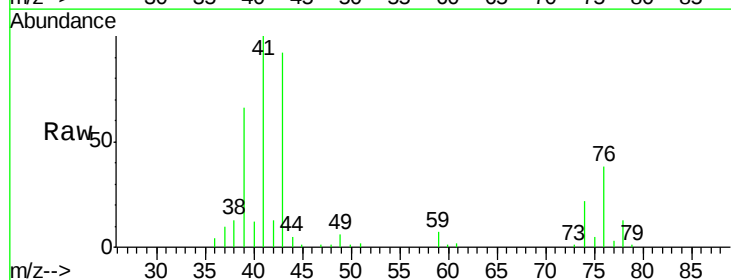
Manual Integrations
APPROVED

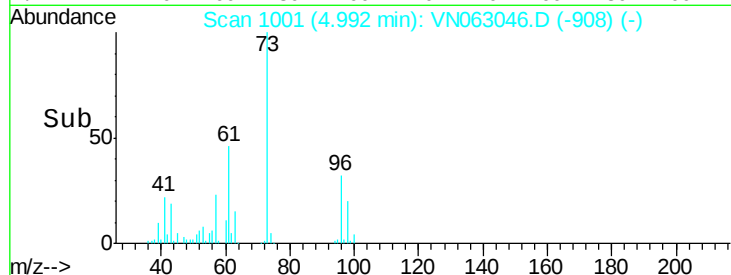
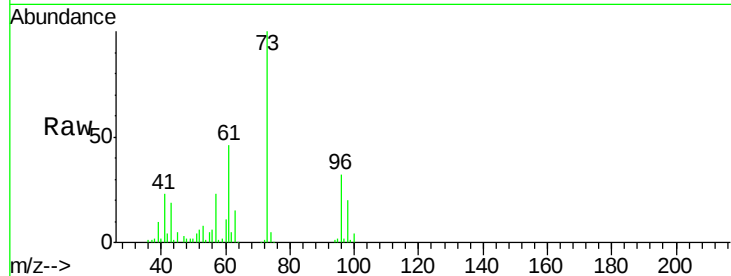
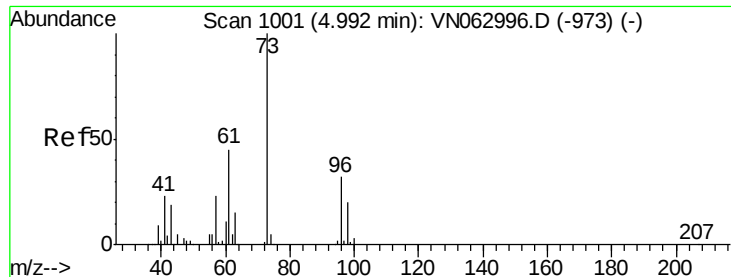
MMDadoda
8/21/2020 9:20:49 AM



#18
Methyl Acetate
Concen: 51.100 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	104600		
74	22.8		18.6	28.0





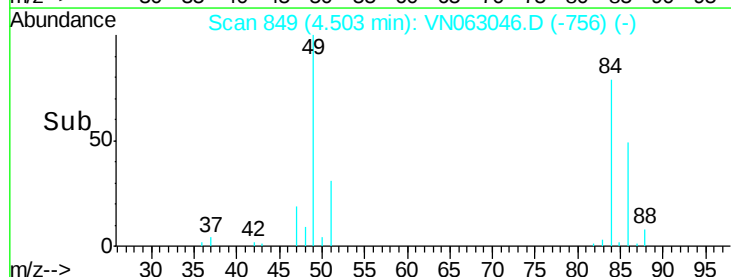
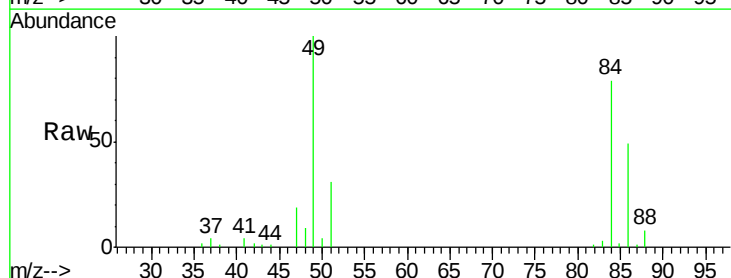
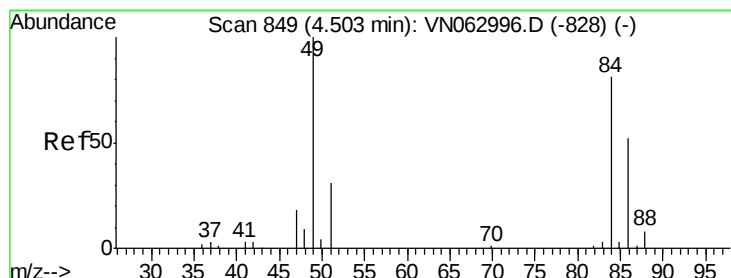
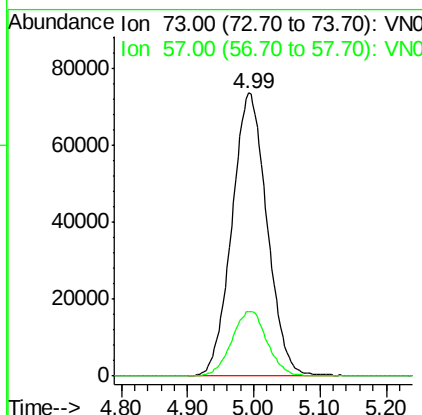
#19
Methvl tert-butvl Ether
Concen: 52.701 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tot Ion: 73 Resp: 271134
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

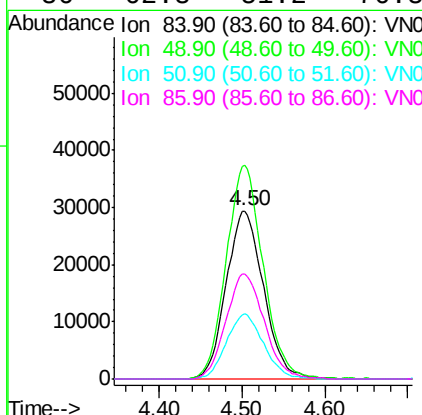
Manual Integrations
APPROVED

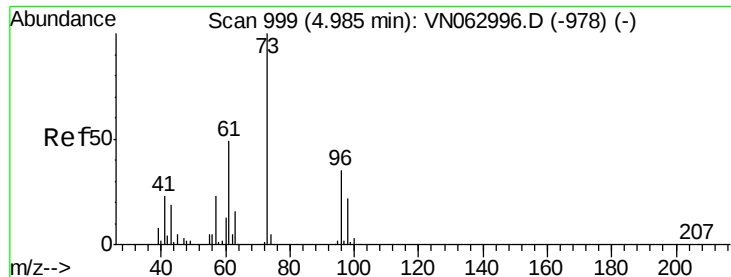
MMDadoda
8/21/2020 9:20:49 AM



#20
Methylene Chloride
Concen: 50.811 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 84 Resp: 92235
Ion Ratio Lower Upper
84 100
49 127.1 98.7 148.1
51 38.8 30.8 46.2
86 62.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.419 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

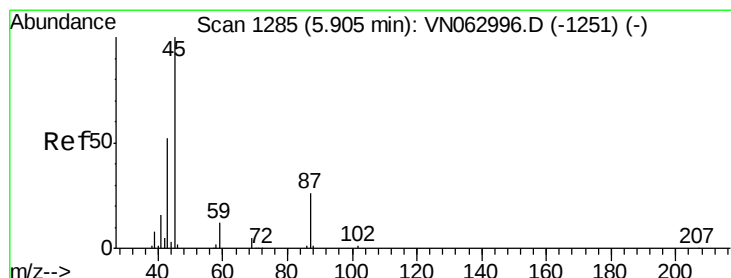
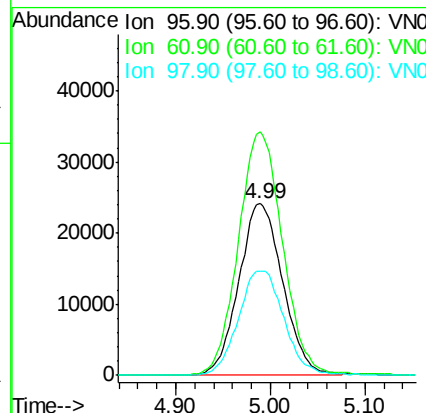
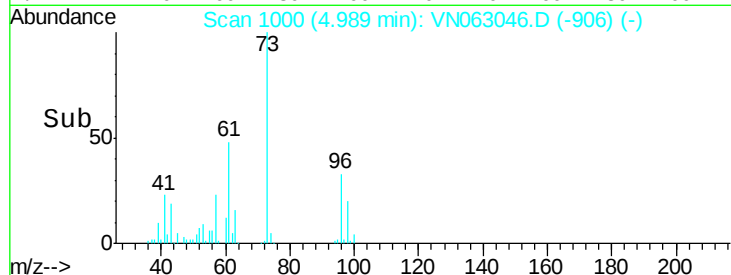
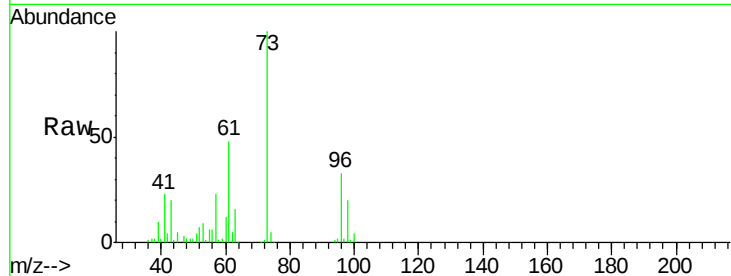
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	77839
Ion	Ratio	Lower	Upper
96	100		
61	141.3	112.5	168.7
98	61.0	49.4	74.0

Manual Integrations
APPROVED

MMDadoda
8/21/2020 9:20:49 AM



#22

Diisopropyl ether

Concen: 53.658 ug/l

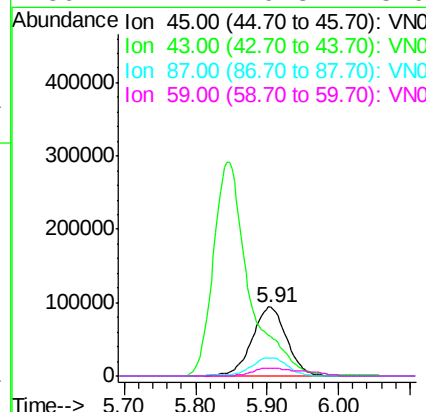
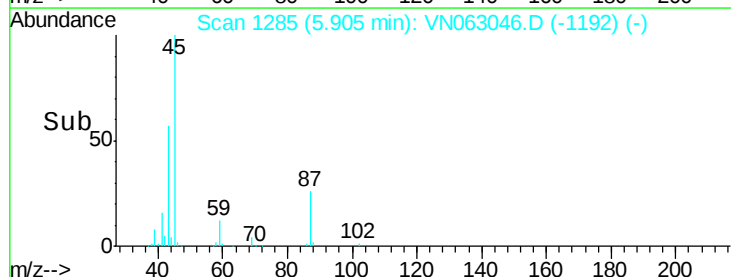
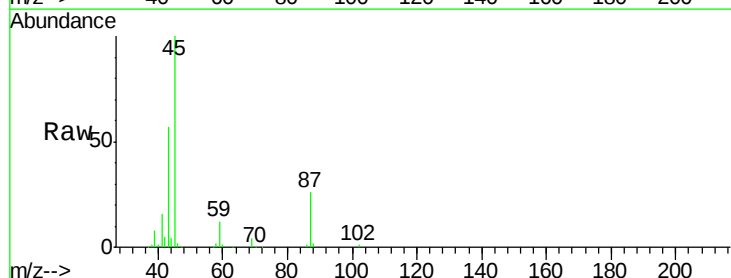
RT: 5.91 min Scan# 1285

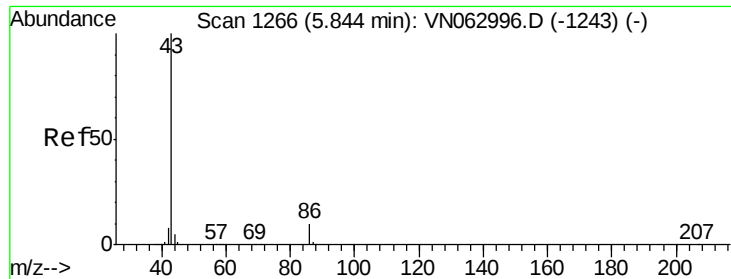
Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion:	45	Resp:	316721
Ion	Ratio	Lower	Upper
45	100		
43	55.3	45.7	68.5
87	26.3	21.8	32.6
59	11.7	9.3	13.9





#23

Vinyl Acetate

Concen: 254.436 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1013457

Ion Ratio Lower Upper

43 100

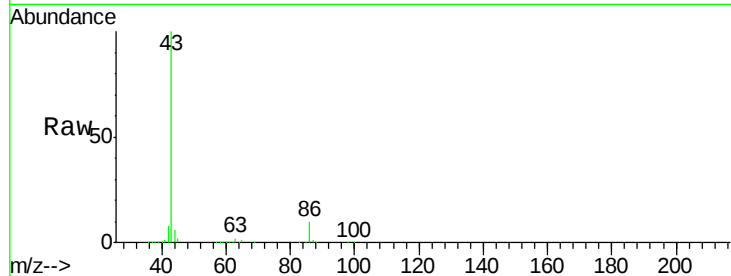
86 10.1 8.0 12.0

Manual Integrations

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MMDadoda

8/21/2020 9:20:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.84

300000

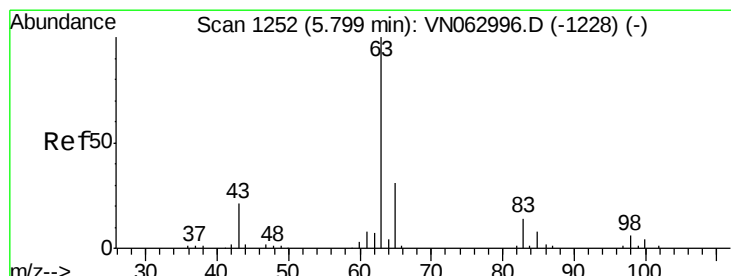
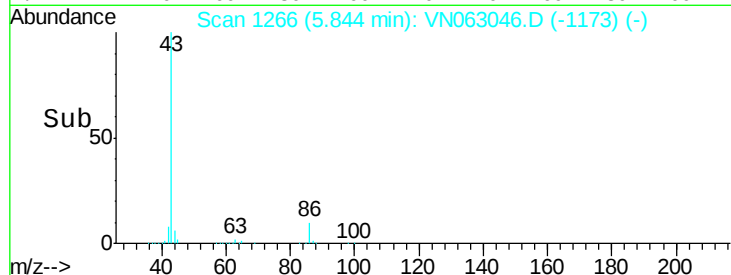
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.696 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

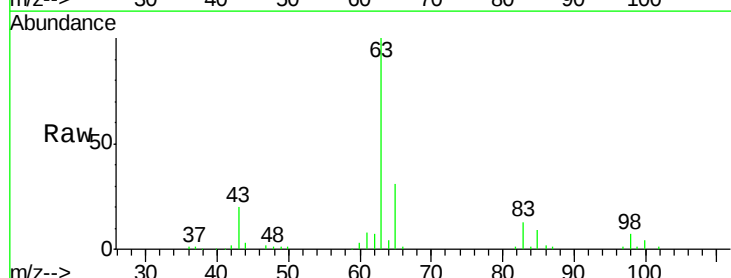
Tgt Ion: 63 Resp: 167218

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.7

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

5.80

60000

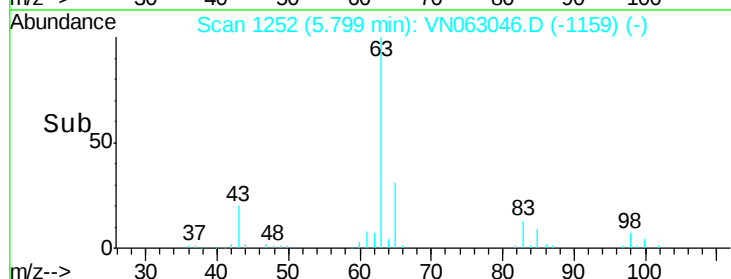
40000

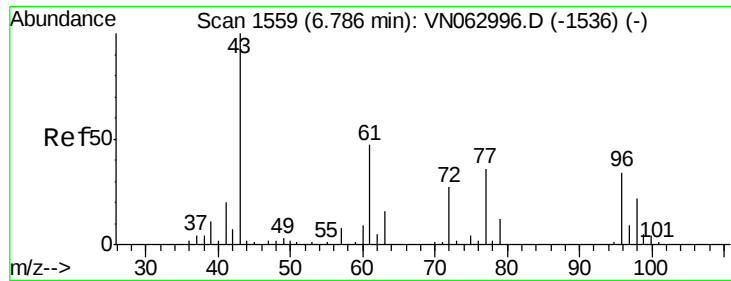
20000

0

5.70 5.80 5.90

Time-->





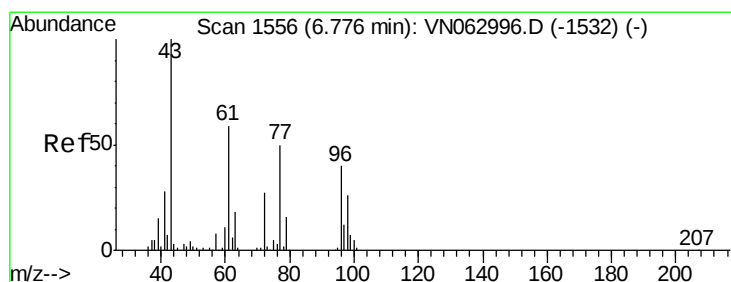
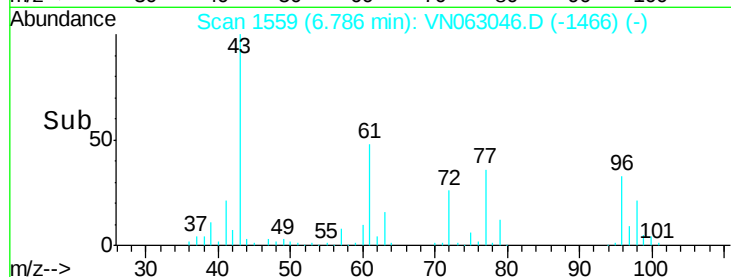
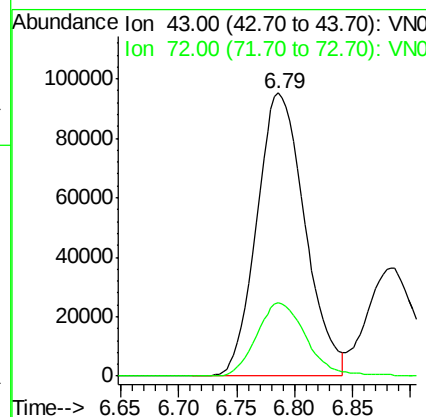
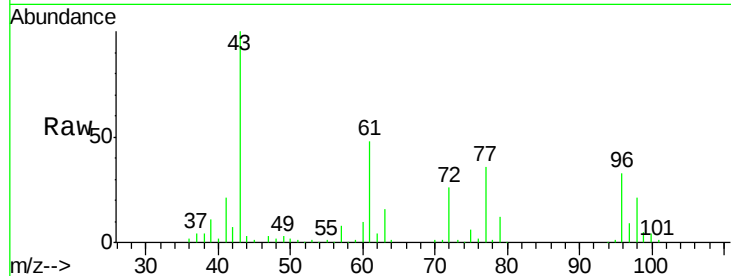
#25
2-Butanone
Concen: 251.402 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 274921
Ion Ratio Lower Upper
43 100
72 26.0 21.8 32.6

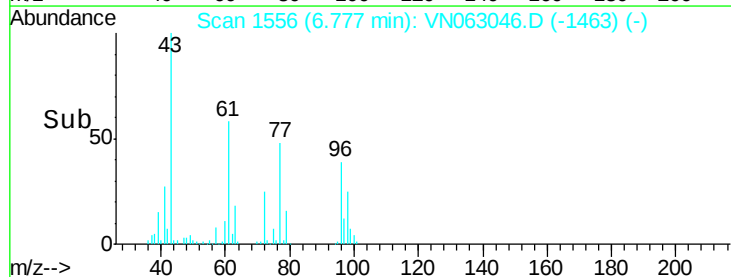
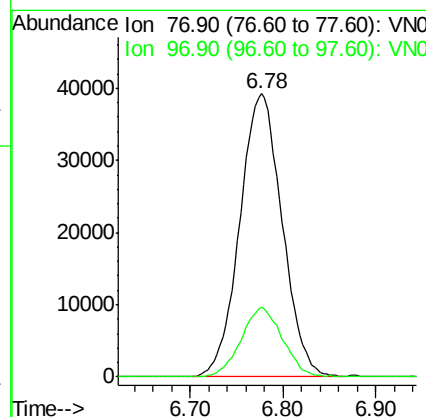
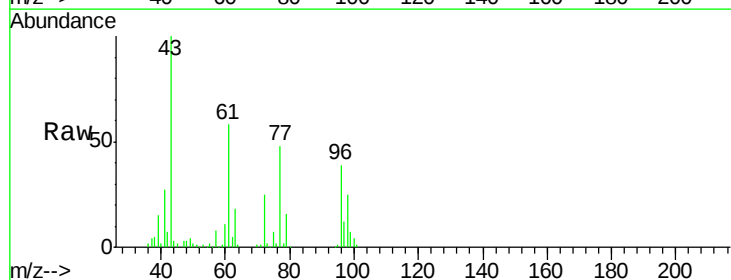
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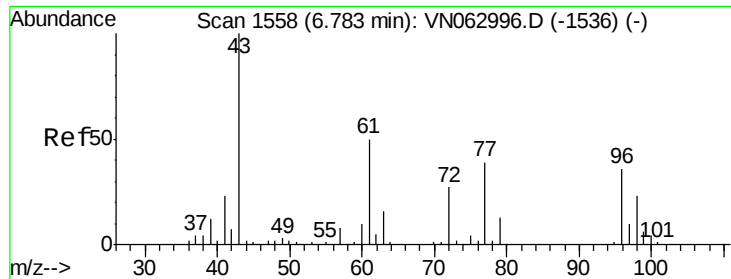
MMDadoda
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#26
2,2-Dichloropropane
Concen: 47.946 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 77 Resp: 124371
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 48.851 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

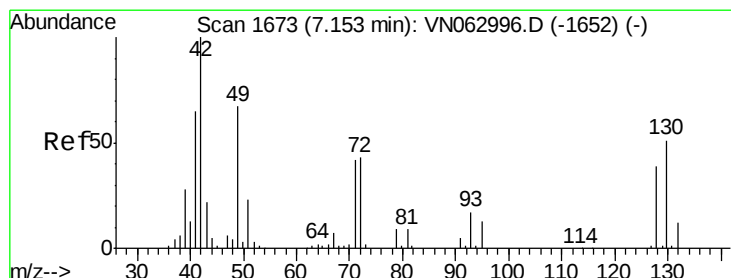
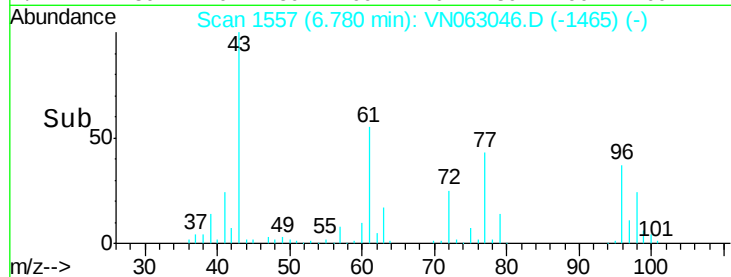
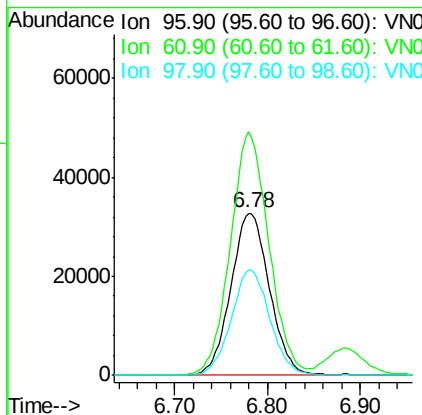
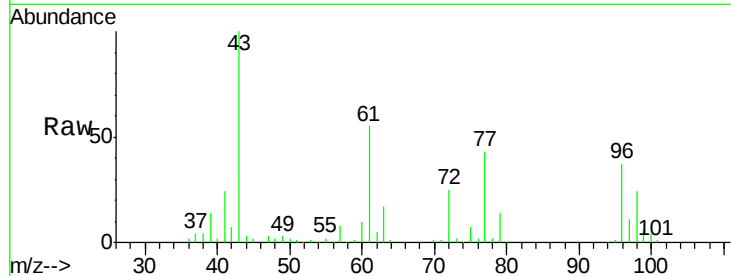
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	94531
Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	292.8
98	65.2	0.0	130.6

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#28

Bromochloromethane

Concen: 50.879 ug/l

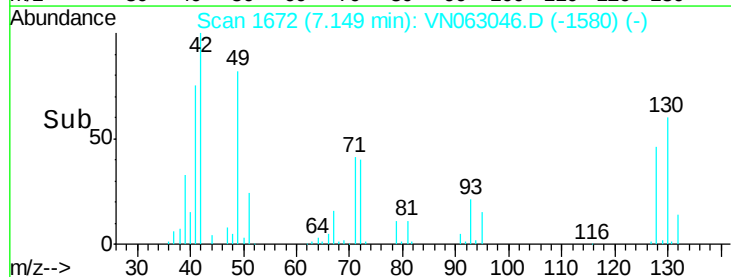
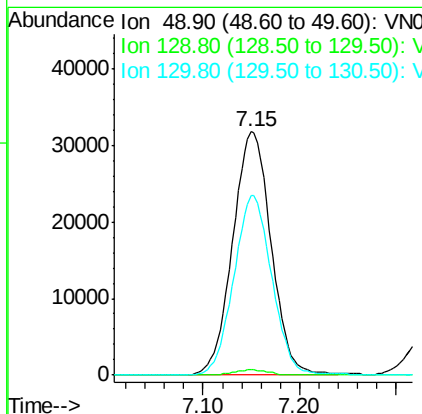
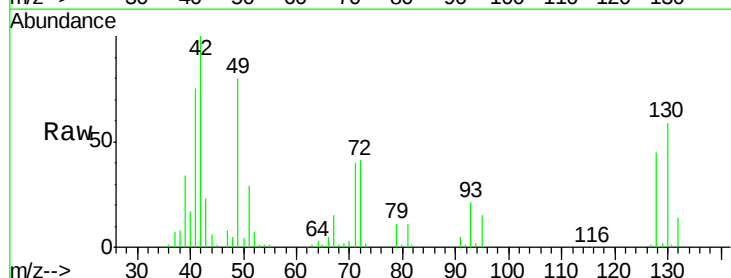
RT: 7.15 min Scan# 1672

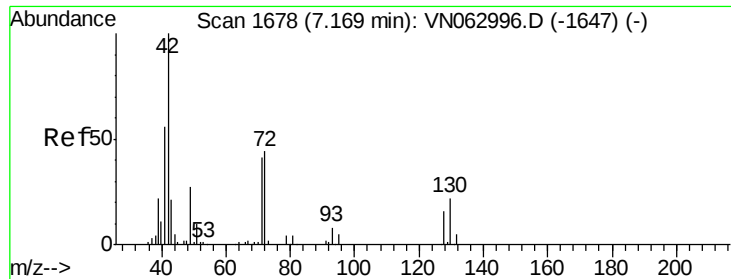
Delta R.T. -0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion:	49	Resp:	87809
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	72.7	61.1	91.7





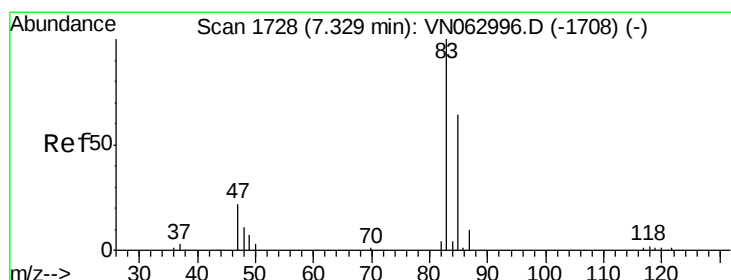
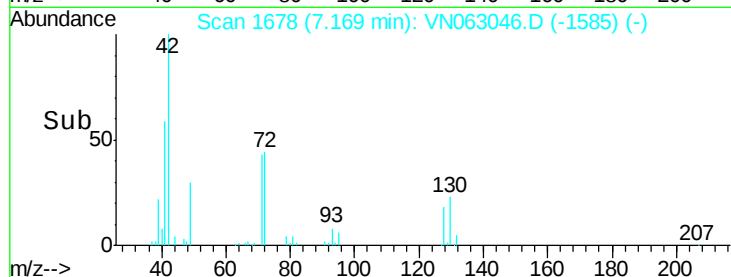
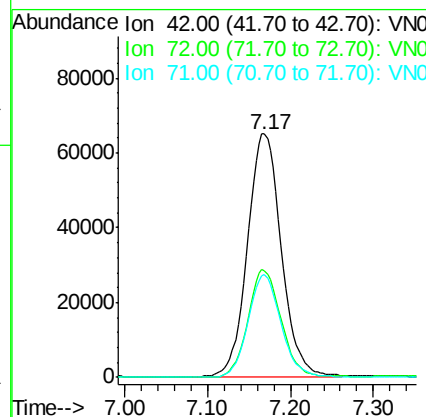
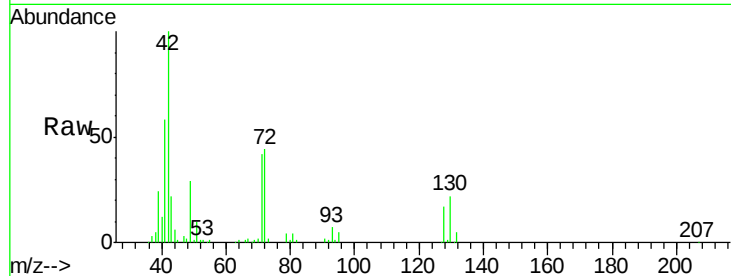
#29
Tetrahydrofuran
Concen: 262.922 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	52.0
71	40.7	32.3	48.5

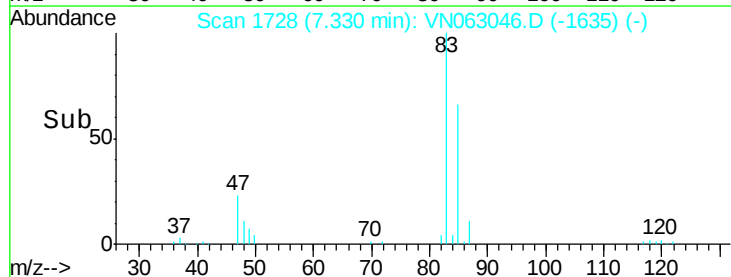
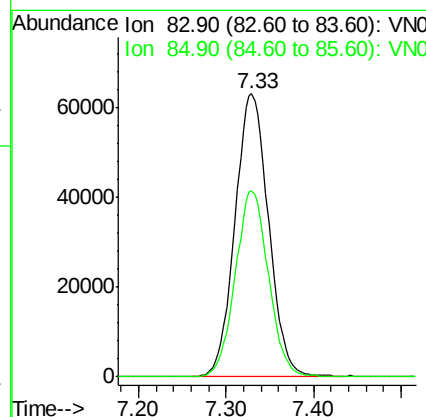
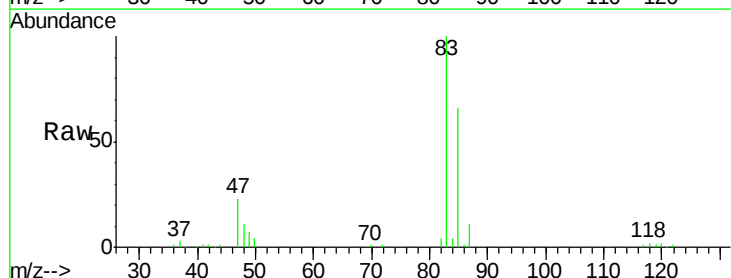
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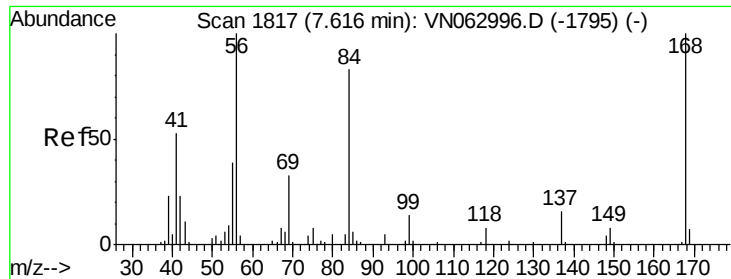
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#30
Chloroform
Concen: 50.776 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.5	77.3





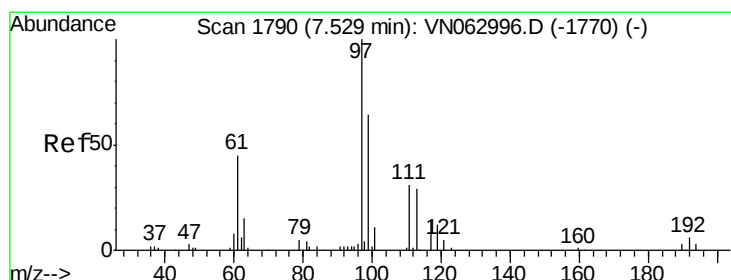
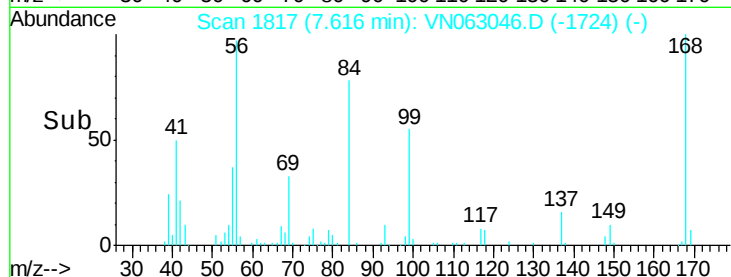
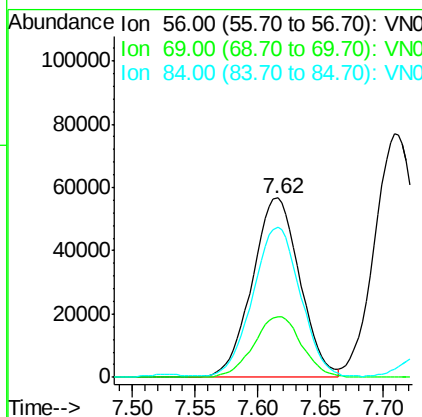
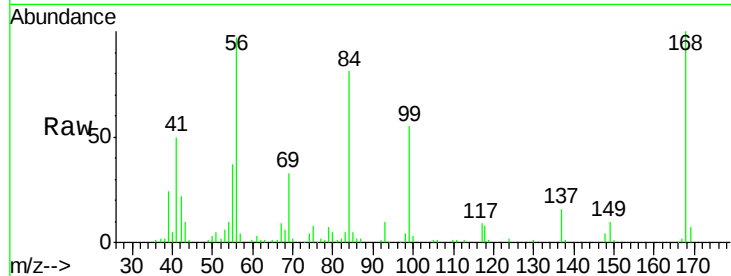
#31
Cyclohexane
Concen: 49.443 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	26.6	40.0
84	82.8	66.4	99.6

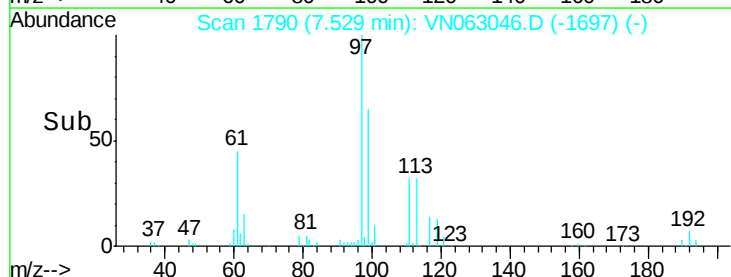
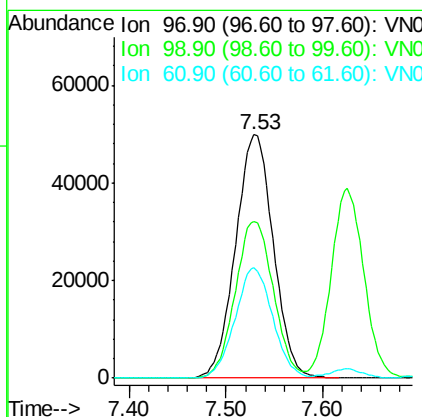
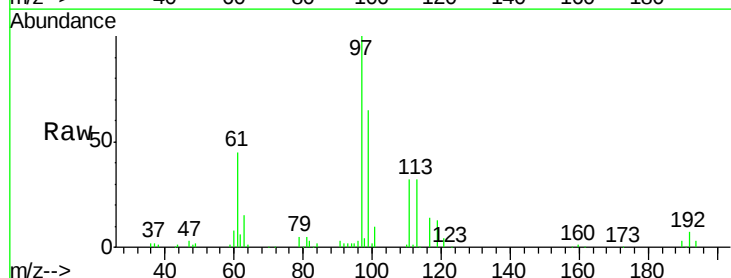
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#32
1,1,1-Trichloroethane
Concen: 50.042 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.0	78.0
61	45.0	36.2	54.4





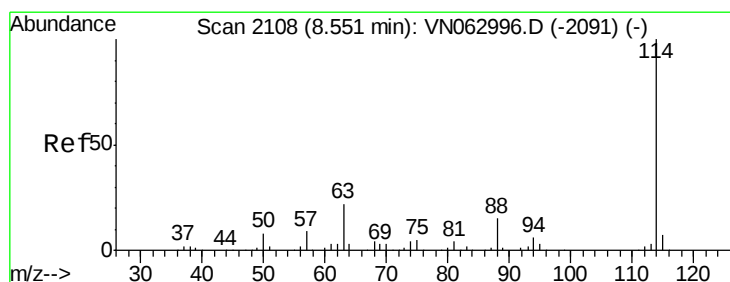
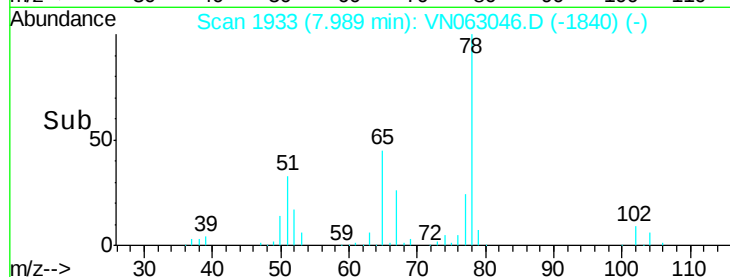
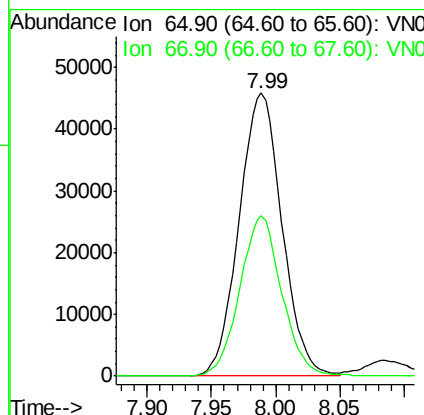
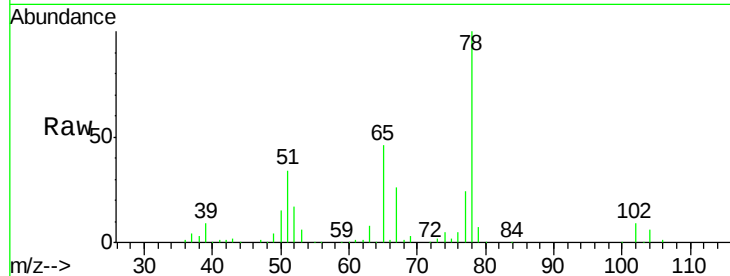
#33
 1,2-Dichloroethane-d4
 Concen: 51.590 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.2	0.0	112.0	

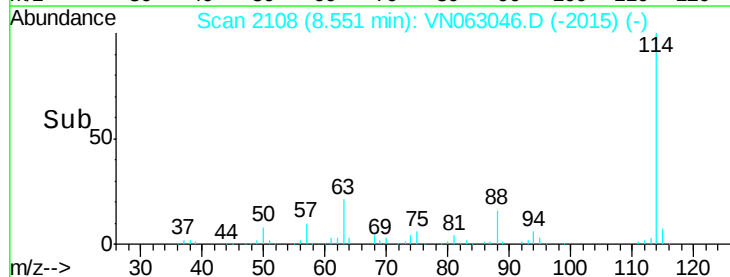
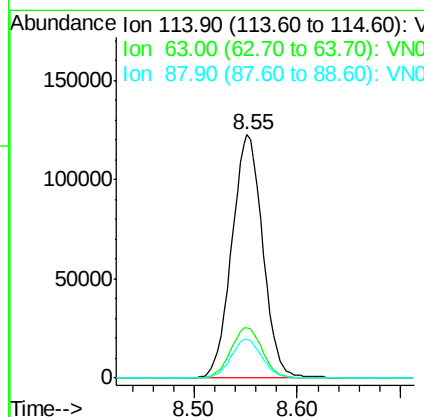
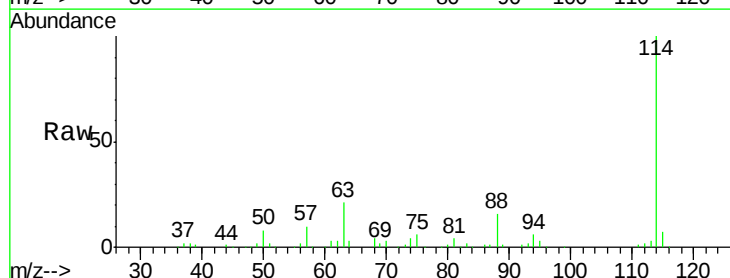
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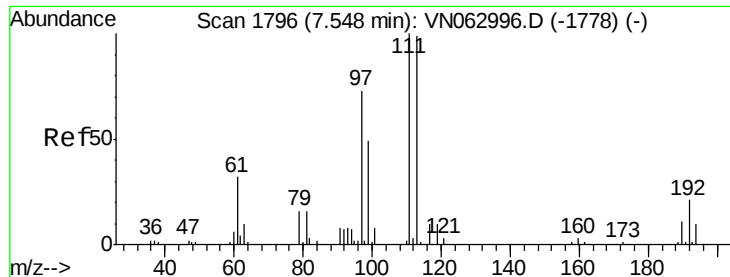
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.9	0.0	43.2	
88	15.7	0.0	30.6	





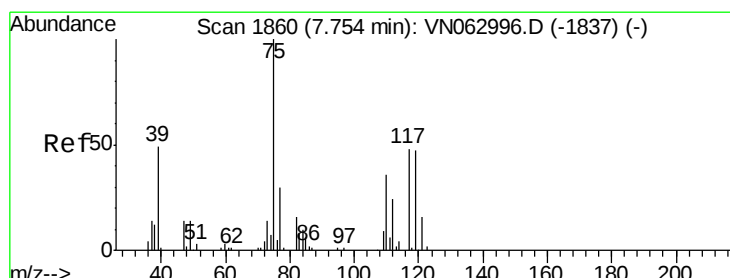
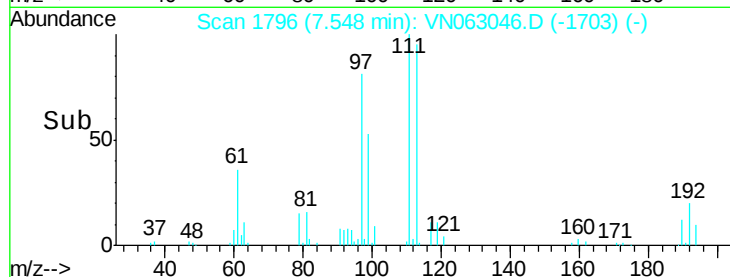
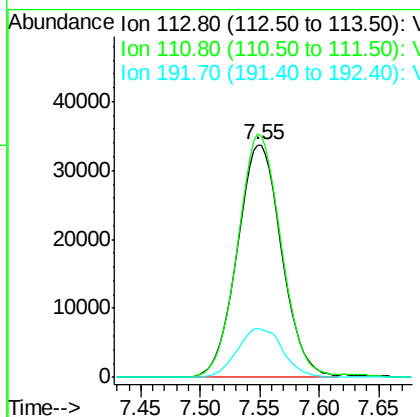
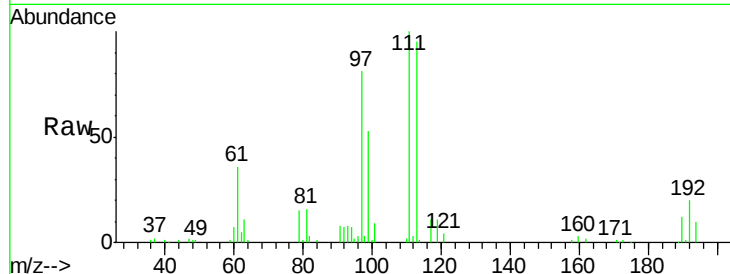
#35
 Dibromofluoromethane
 Concen: 52.164 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.7	122.5
192	21.4	17.5	26.3

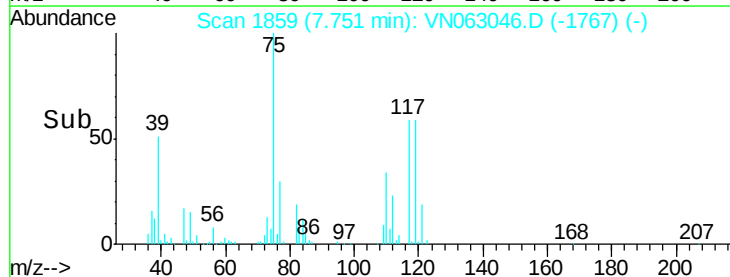
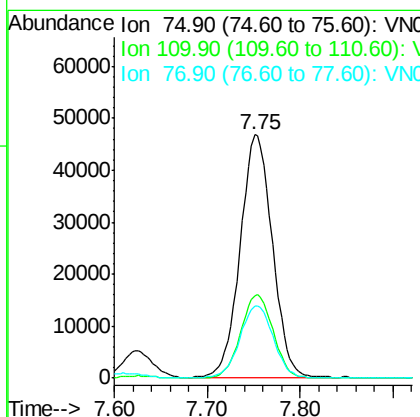
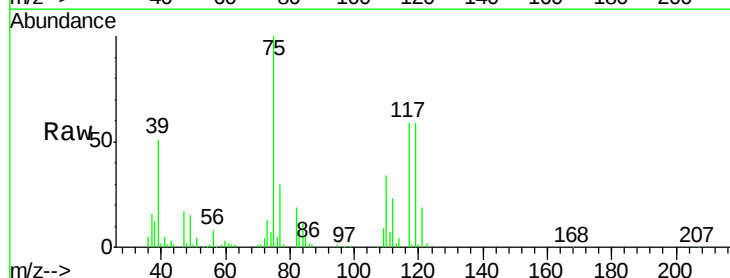
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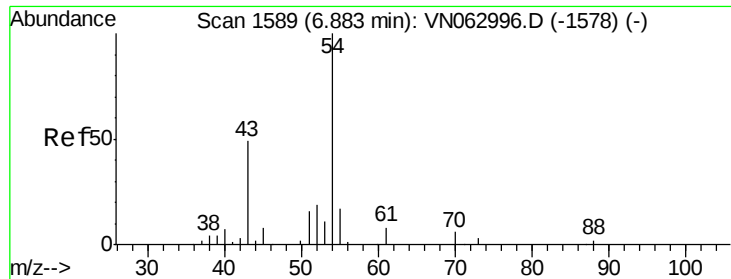
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#36
 1,1-Dichloropropene
 Concen: 50.280 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.5	52.6
77	30.8	24.2	36.4





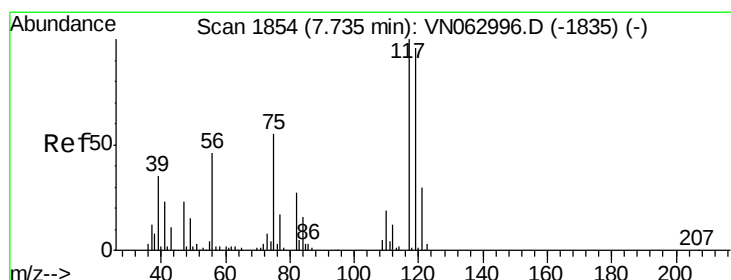
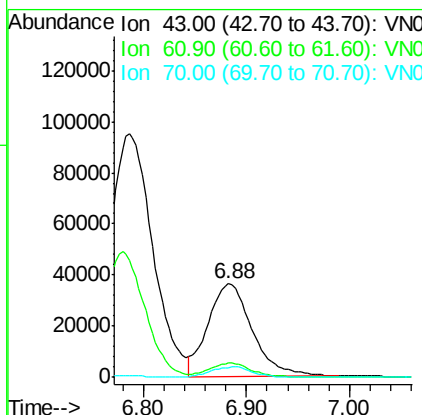
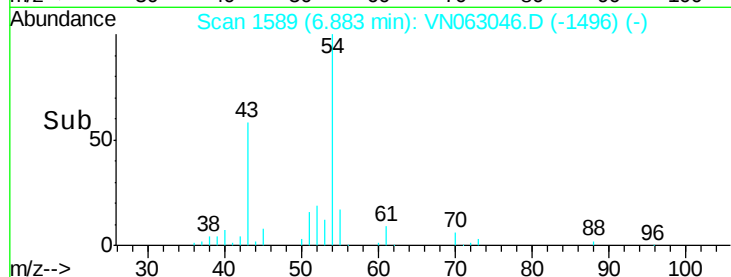
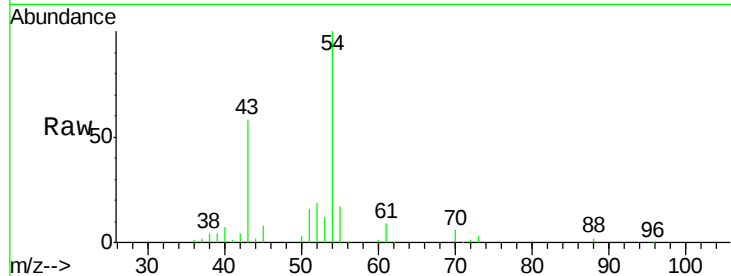
#37
Ethyl Acetate
Concen: 50.846 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	107747
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.8	17.8
70	10.6	8.2	12.2

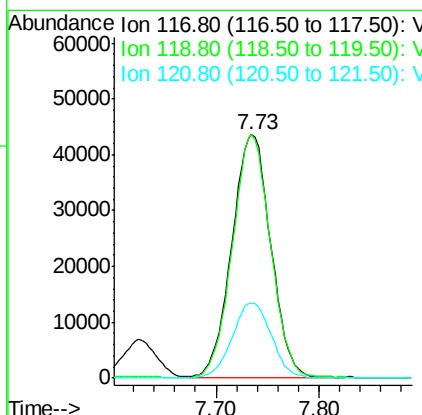
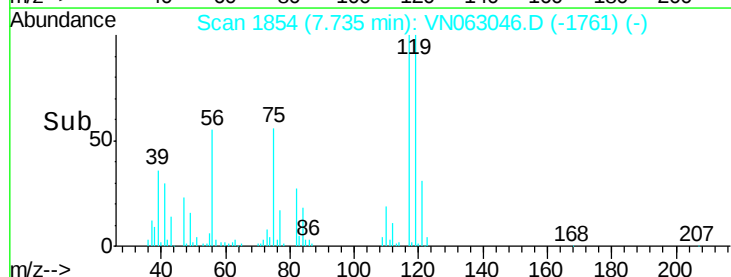
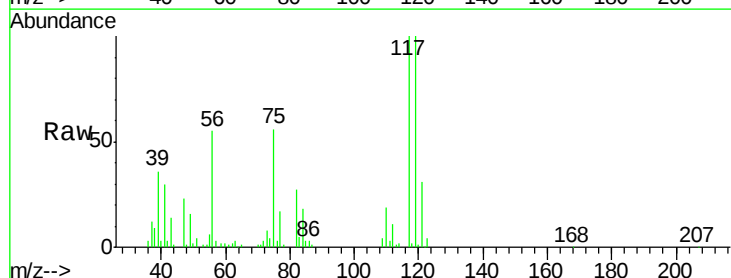
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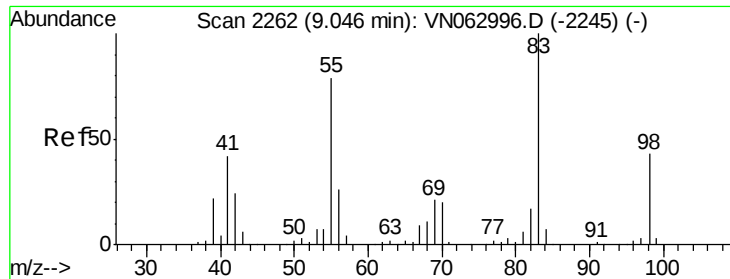
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#38
Carbon Tetrachloride
Concen: 49.793 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	117	Resp	113687
Ion	Ratio	Lower	Upper
117	100		
119	100.3	76.2	114.4
121	30.8	24.2	36.2





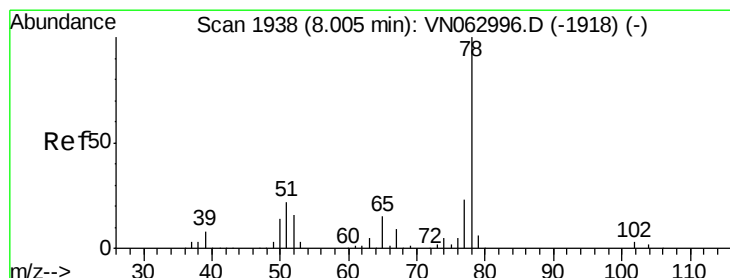
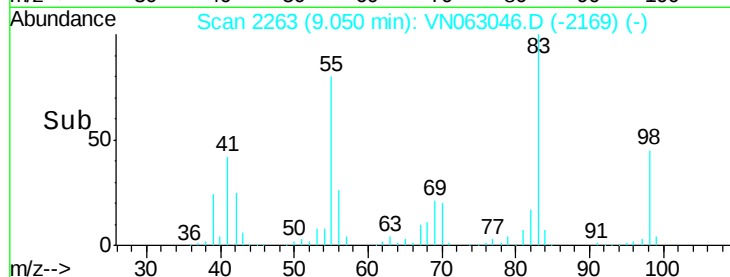
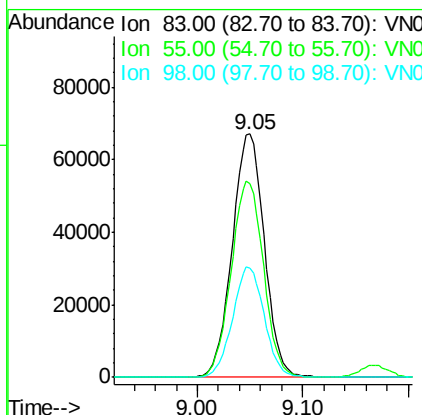
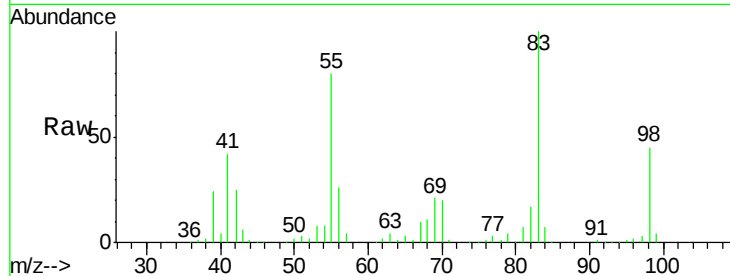
#39
Methvlcvclohexane
Concen: 46.444 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	63.3	94.9
98	44.9	34.2	51.4

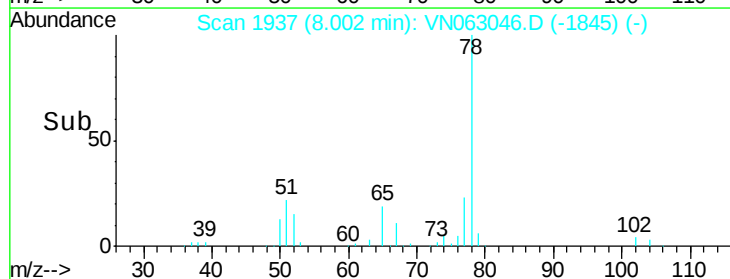
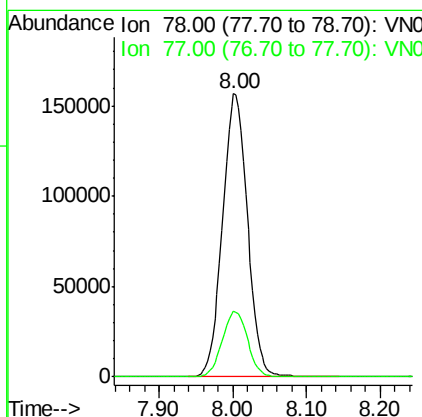
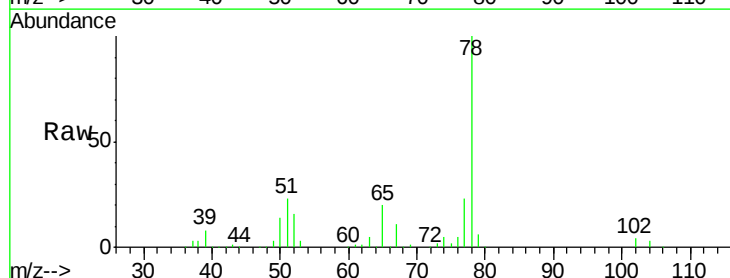
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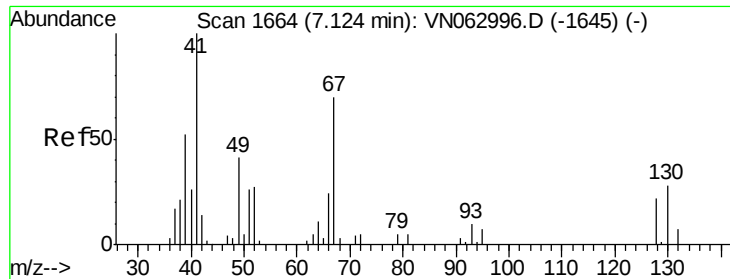
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#40
Benzene
Concen: 51.415 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2





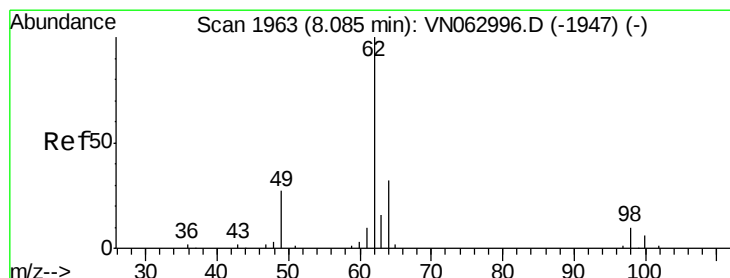
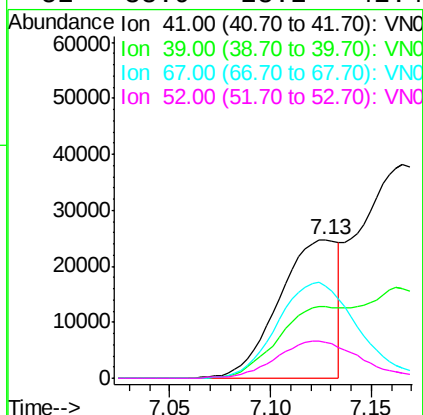
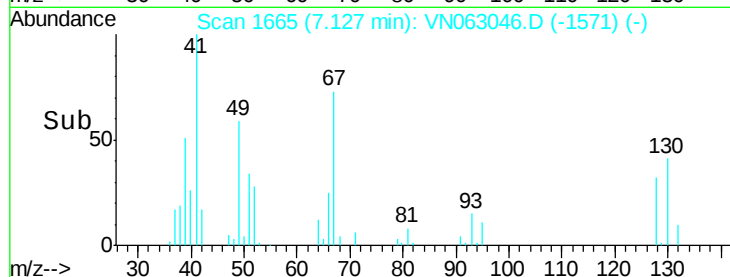
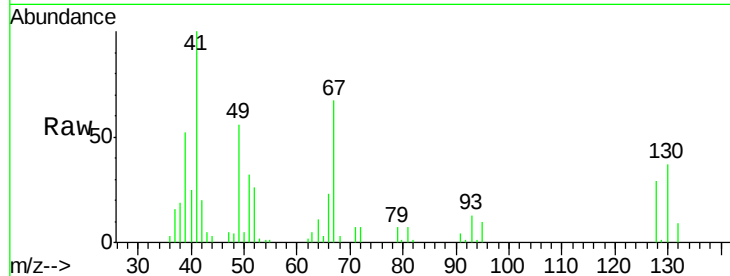
#41
Methacrylonitrile
Concen: 49.721 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	41.6	62.4	
67	94.5	71.8	107.8	
52	38.9	28.2	42.4	

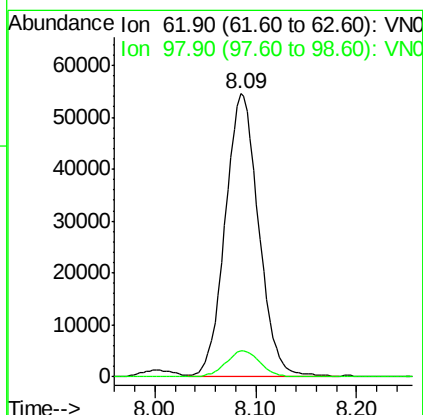
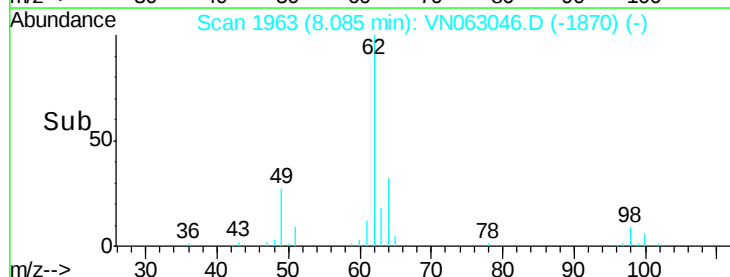
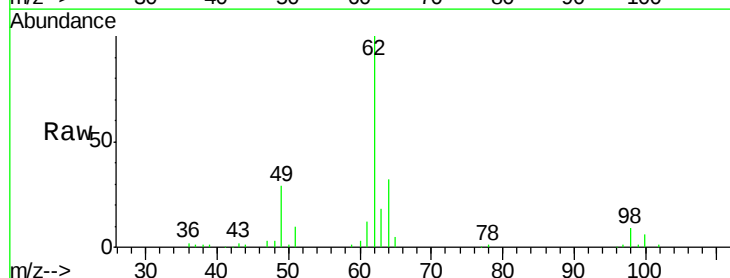
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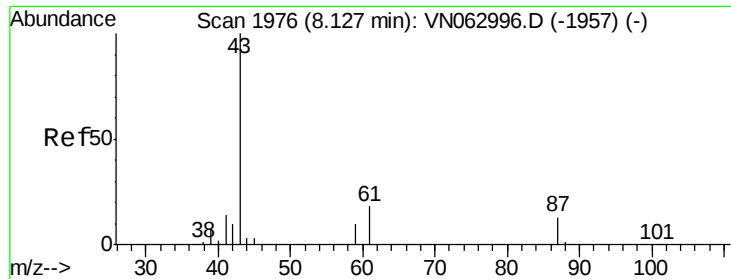
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#42
1,2-Dichloroethane
Concen: 51.989 ug/l
RT: 8.09 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	18.4	





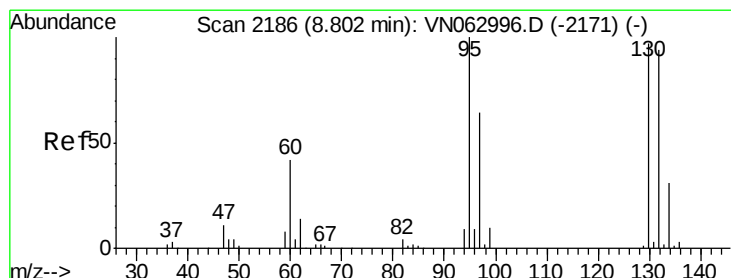
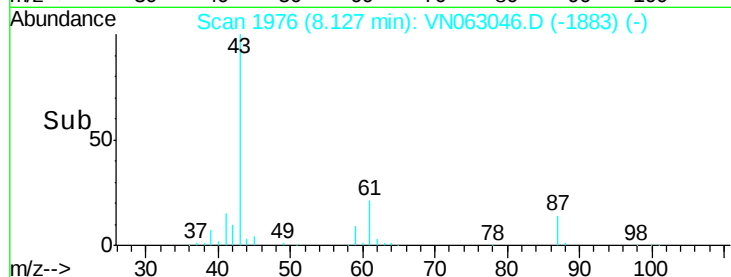
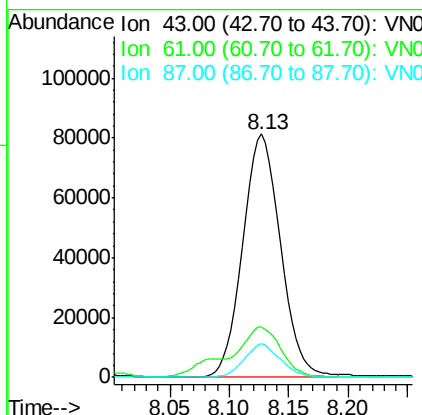
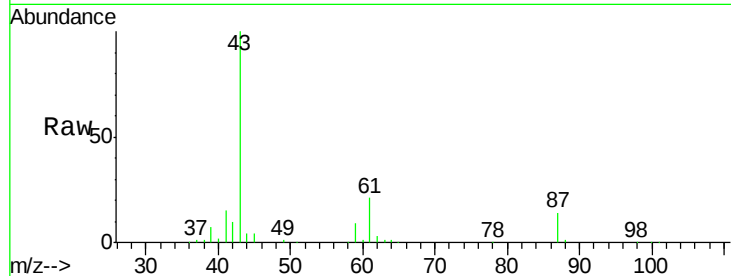
#43
Isopropyl Acetate
Concen: 51.195 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	22.6	33.8#
87	13.1	10.5	15.7

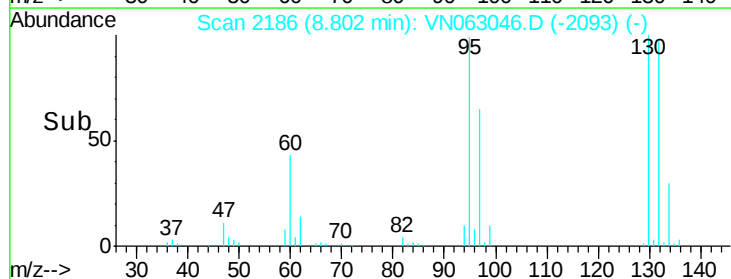
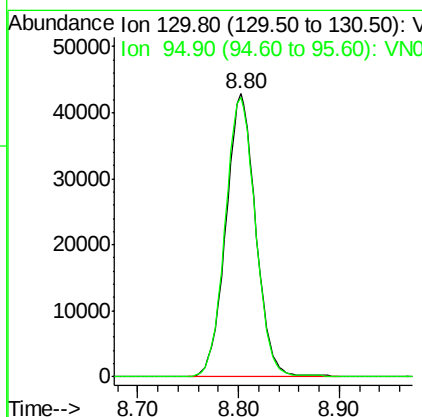
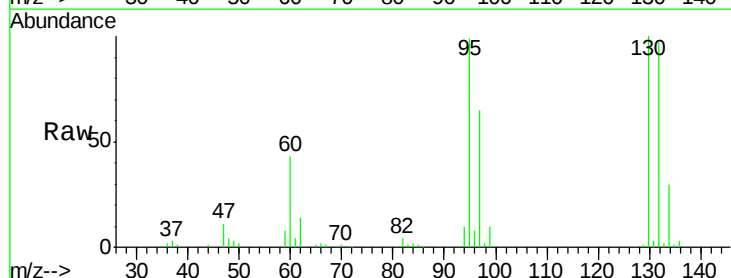
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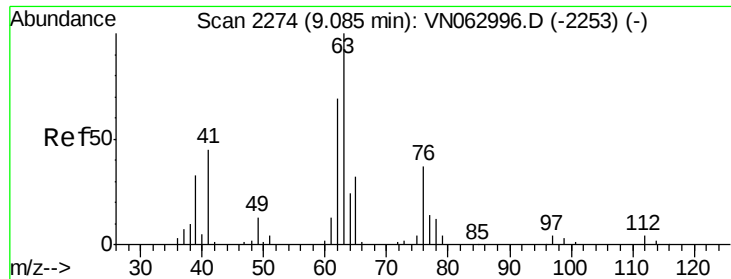
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#44
Trichloroethene
Concen: 49.335 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	205.6





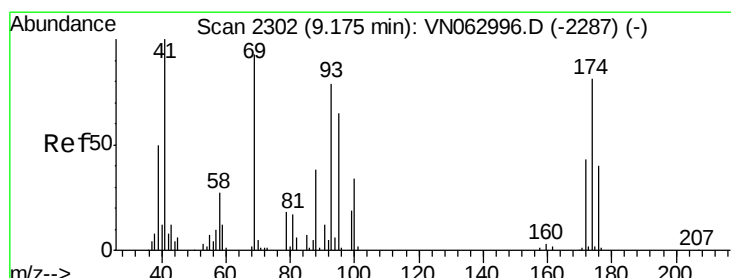
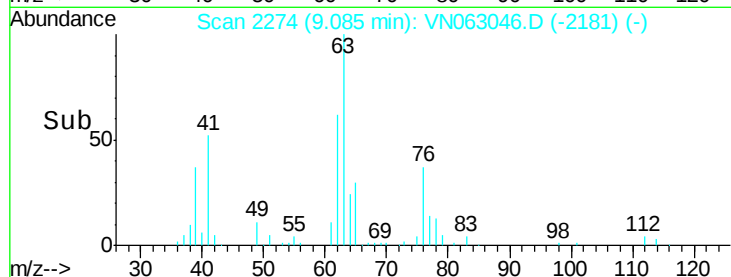
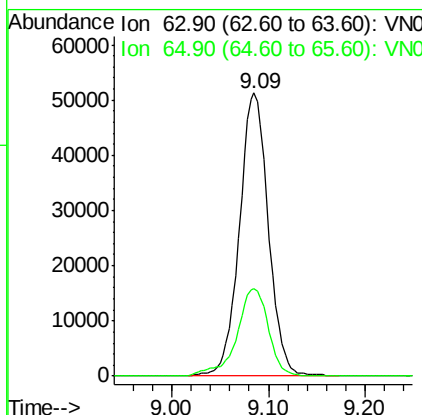
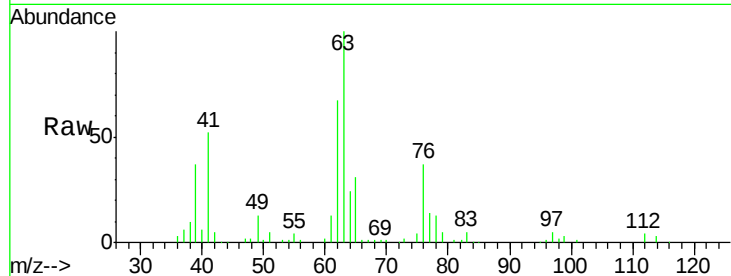
#45
 1,2-Dichloropropane
 Concen: 51.456 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.6	38.4

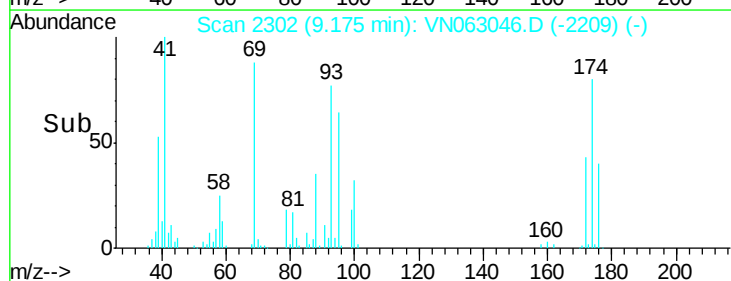
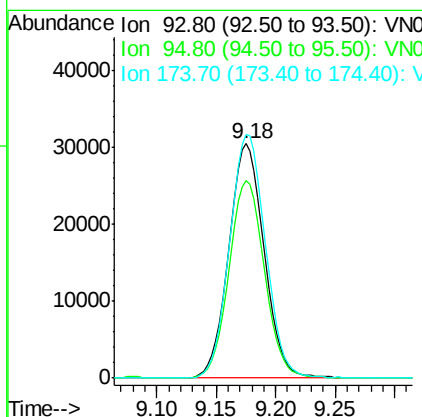
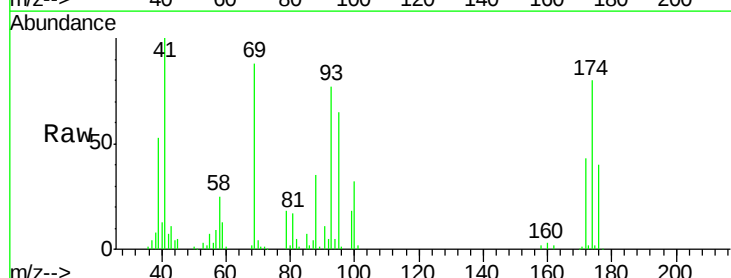
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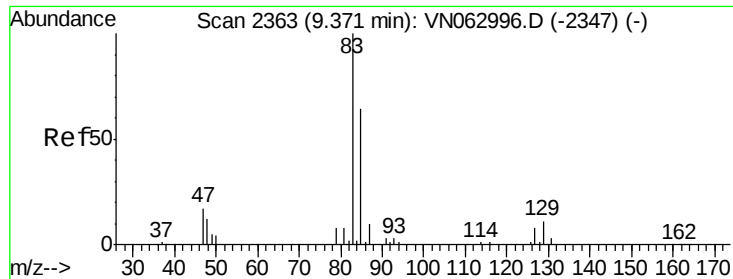
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#46
 Dibromomethane
 Concen: 52.572 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.2	99.4
174	105.1	84.6	127.0





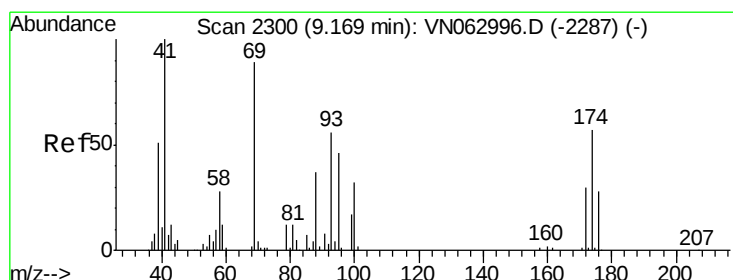
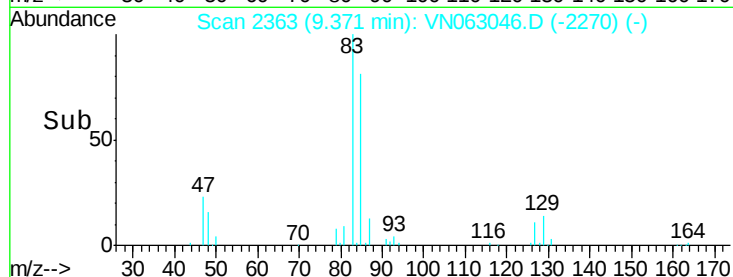
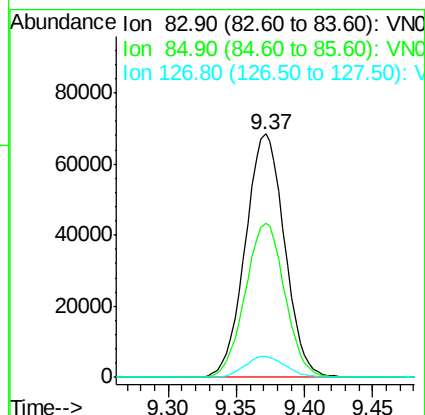
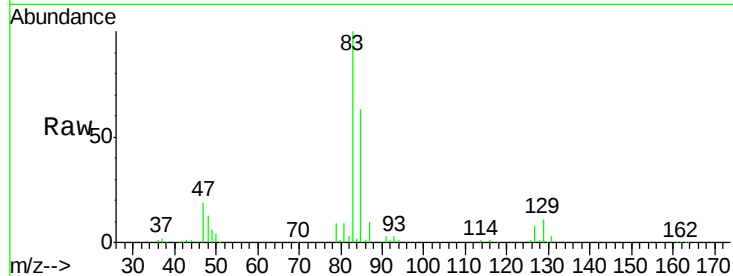
#47
Bromodichloromethane
Concen: 52.141 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	83	Resp:	136786
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.1	76.7
127	8.4	6.6	9.8

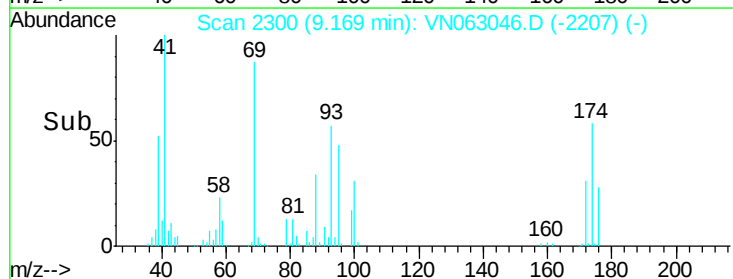
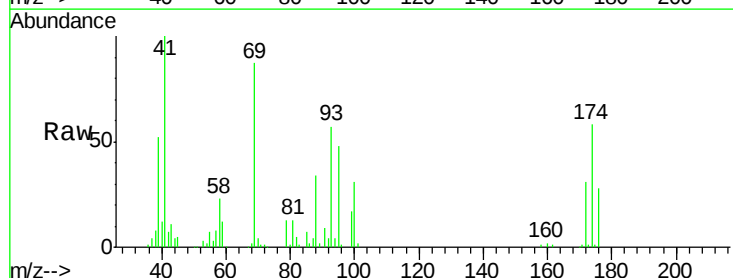
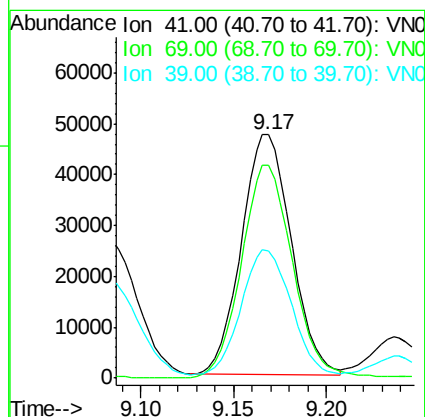
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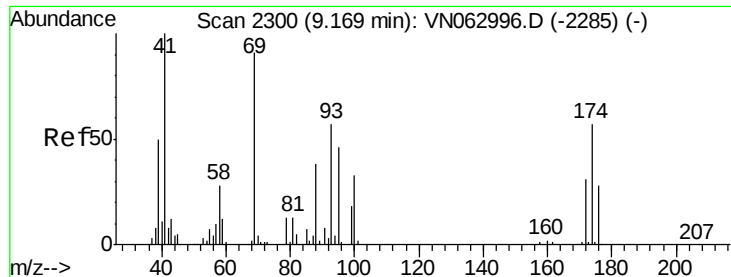
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#48
Methyl methacrylate
Concen: 53.280 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion:	41	Resp:	88503
Ion Ratio	Lower	Upper	
41	100		
69	91.2	74.2	111.4
39	54.2	42.5	63.7





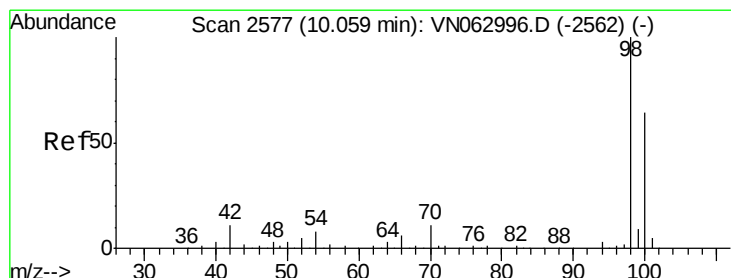
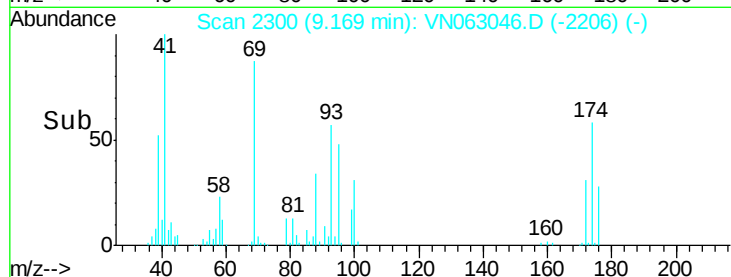
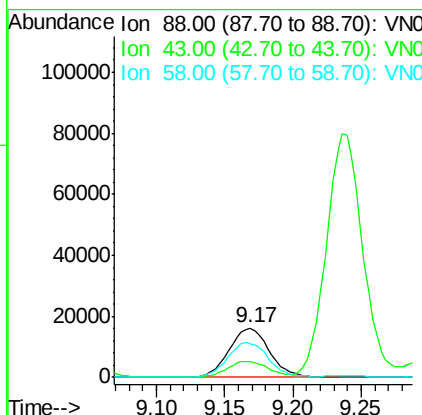
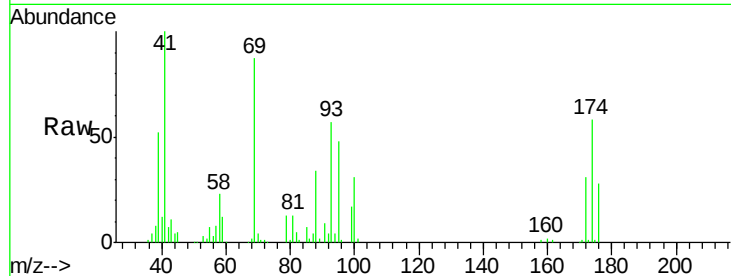
#49
1,4-Dioxane
Concen: 909.865 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.2	37.8
58	71.6	56.7	85.1

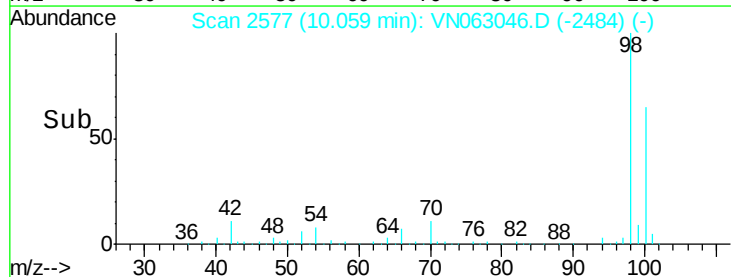
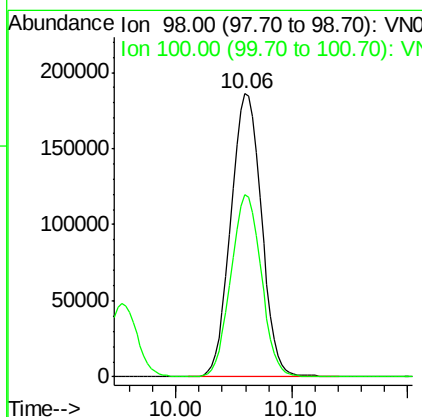
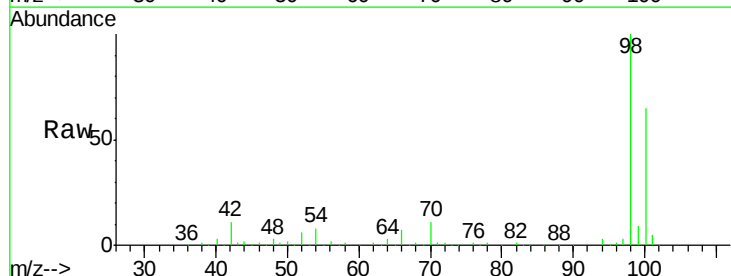
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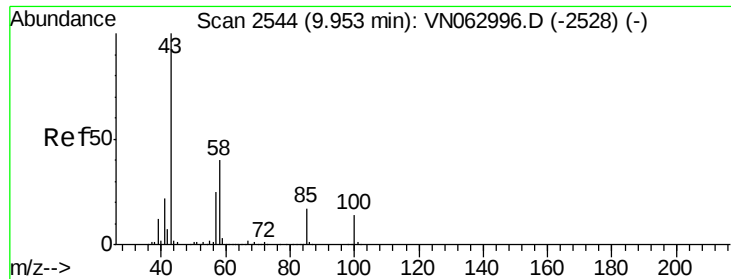
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#50
Toluene-d8
Concen: 53.077 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 271.615 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 602733

Ion Ratio Lower Upper

43 100

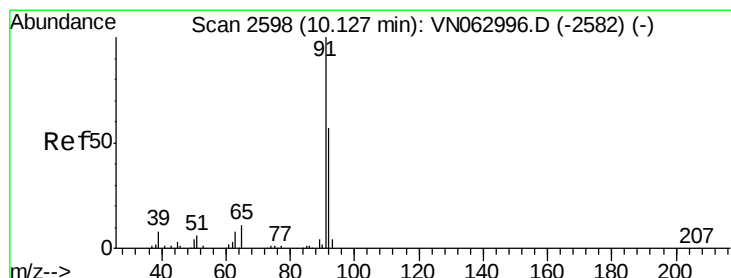
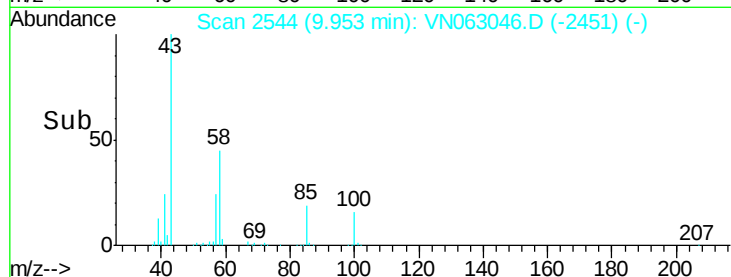
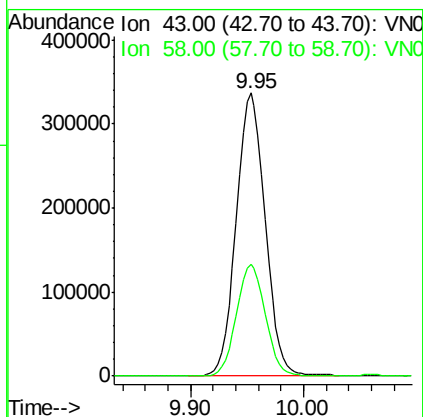
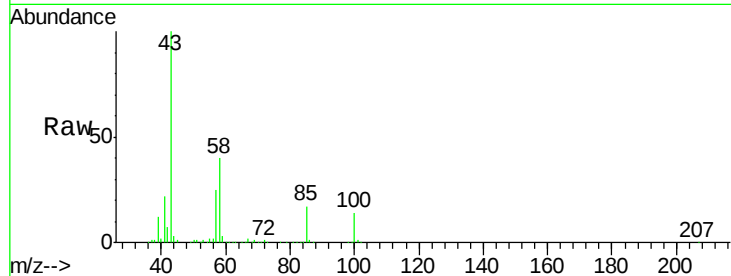
58 39.5 32.2 48.2

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#52

Toluene

Concen: 52.751 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063046.D

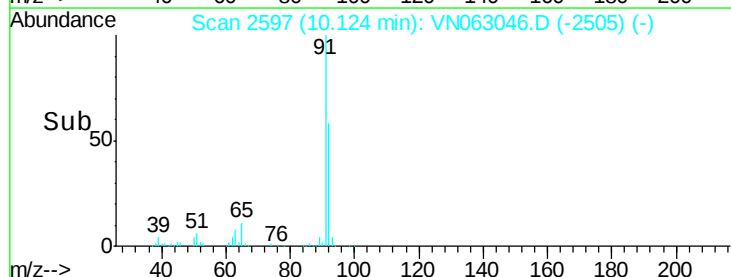
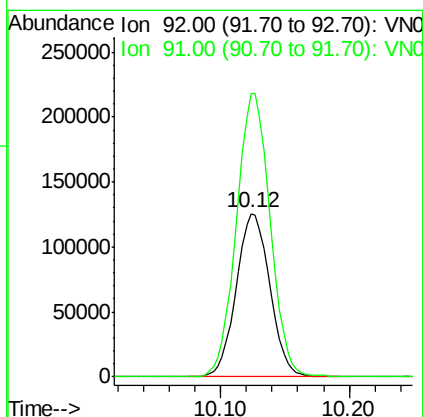
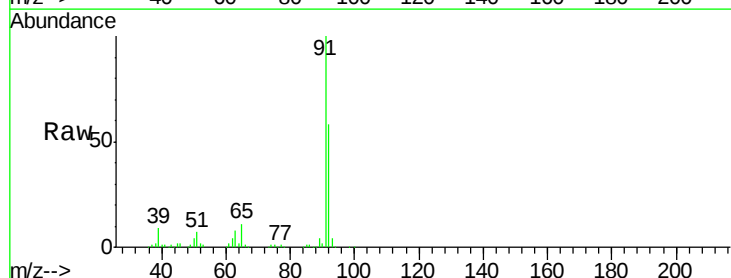
Acq: 20 Aug 2020 19:37

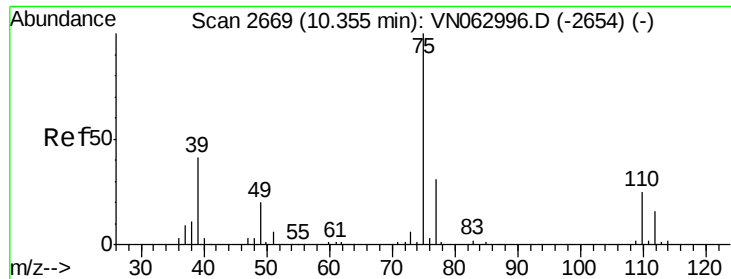
Tgt Ion: 92 Resp: 228251

Ion Ratio Lower Upper

92 100

91 174.5 139.2 208.8





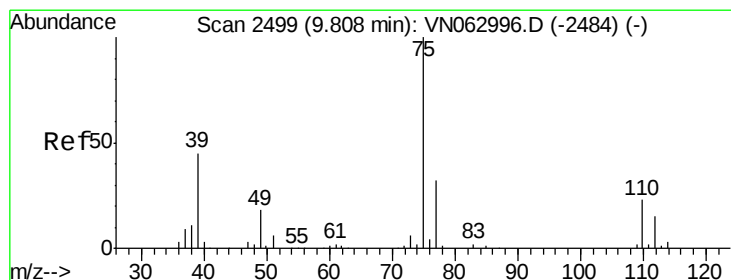
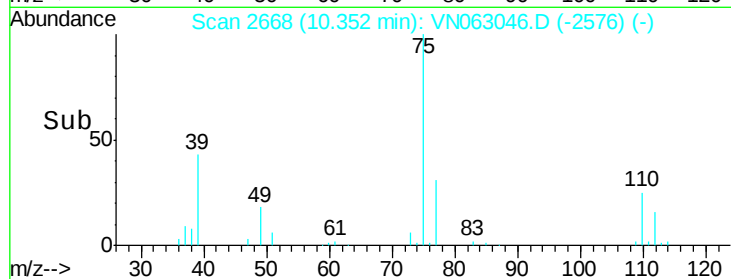
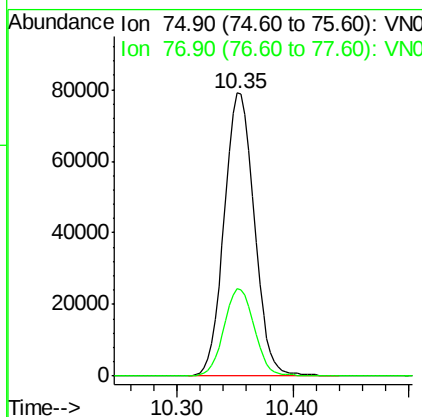
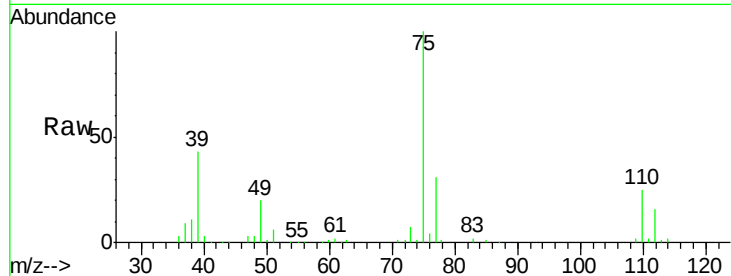
#53
t-1,3-Dichloropropene
Concen: 52.441 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 142269
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0

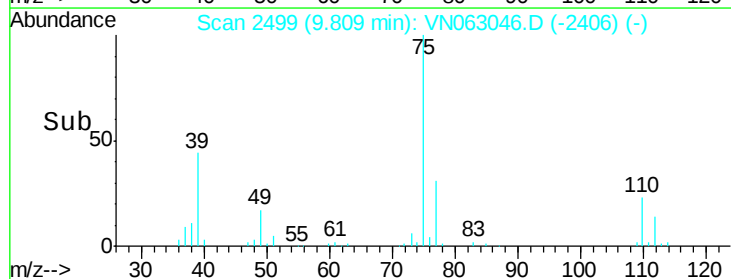
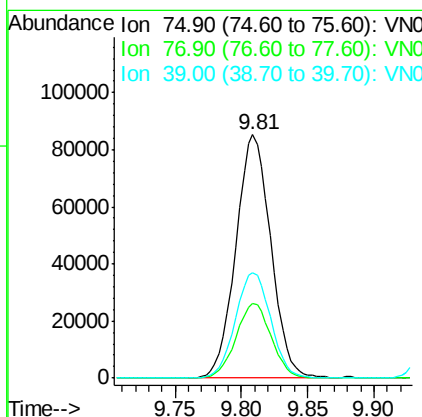
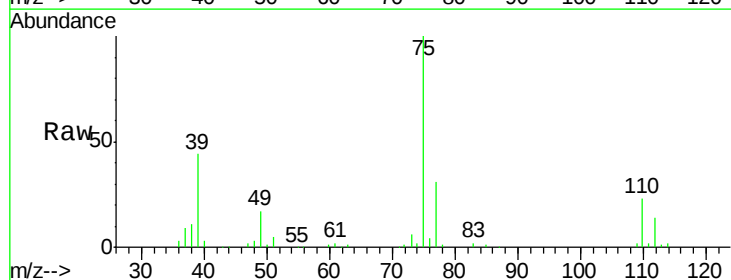
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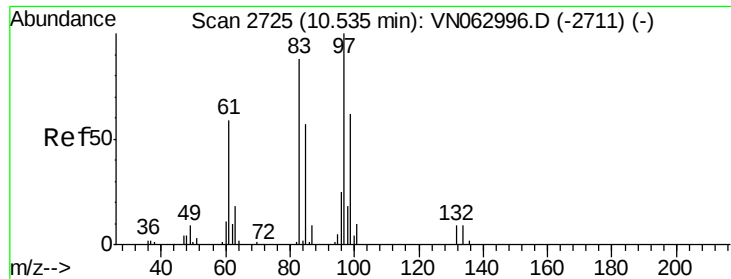
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#54
cis-1,3-Dichloropropene
Concen: 52.565 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 75 Resp: 156436
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2
39 43.5 35.7 53.5





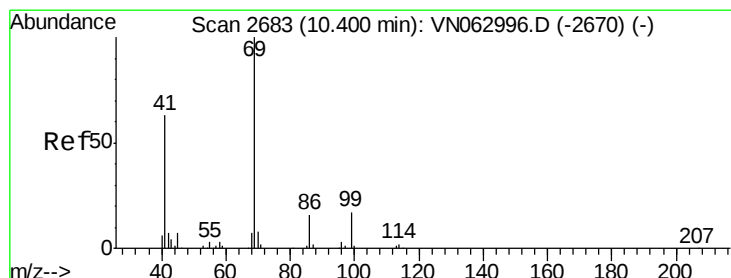
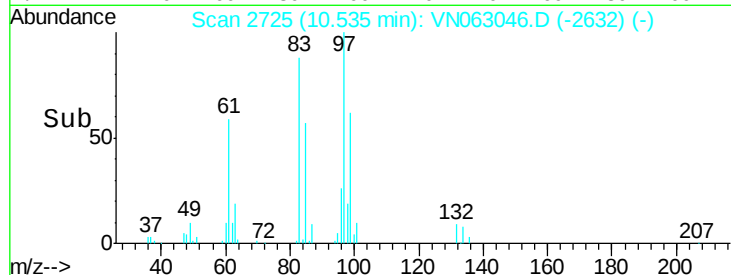
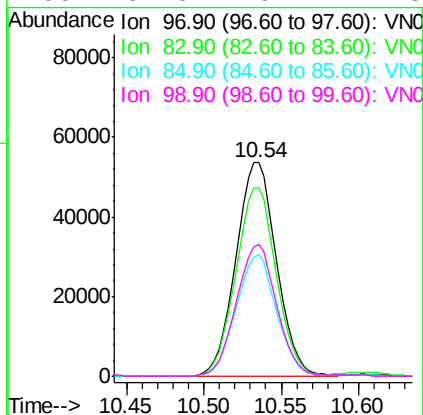
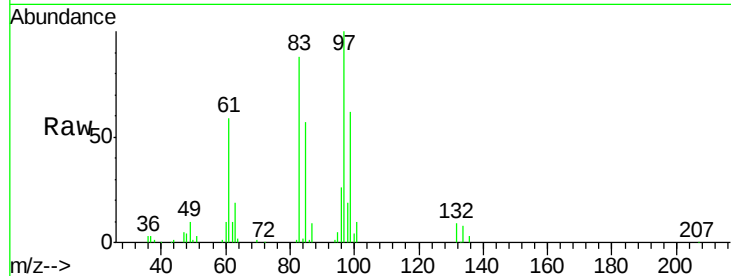
#55
 1,1,2-Trichloroethane
 Concen: 53.037 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	88.2	70.5	105.7		
85	56.7	45.8	68.6		
99	61.6	49.7	74.5		

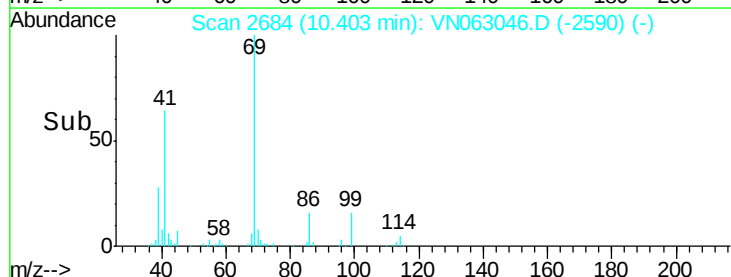
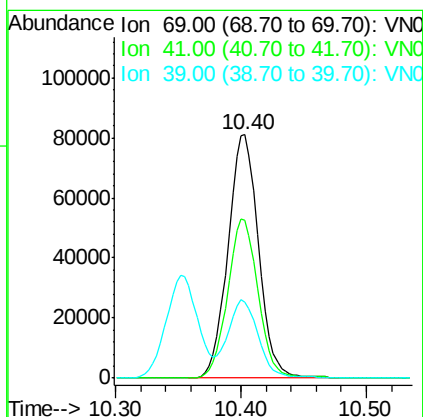
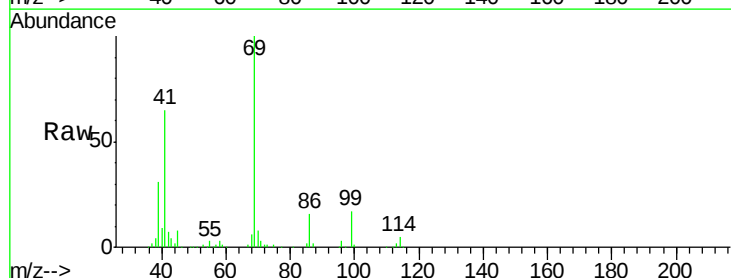
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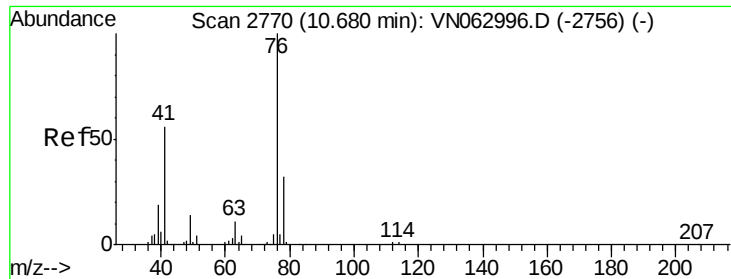
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#56
 Ethyl methacrylate
 Concen: 48.132 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	64.4	50.2	75.2		
39	32.1	24.2	36.4		





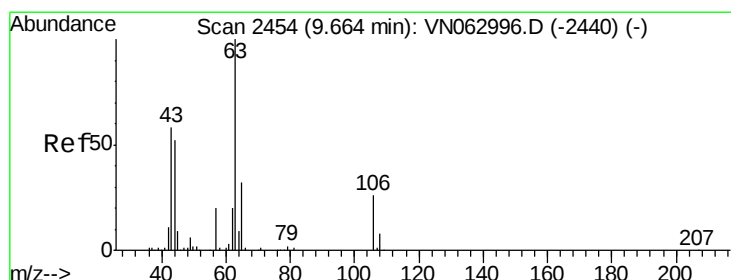
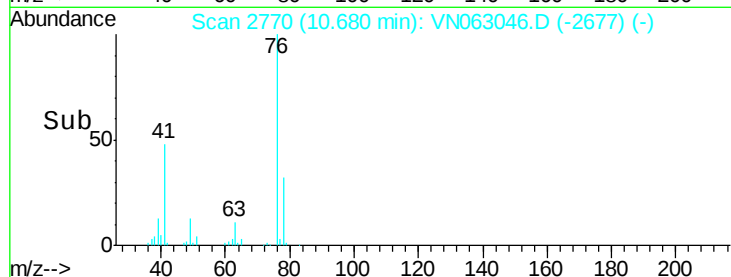
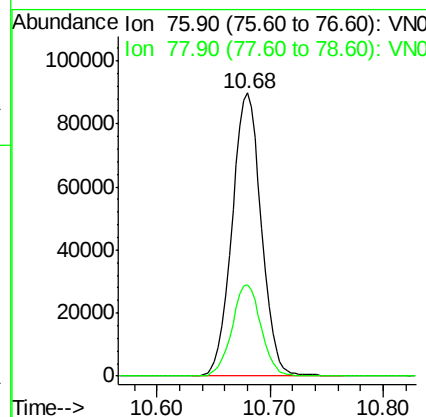
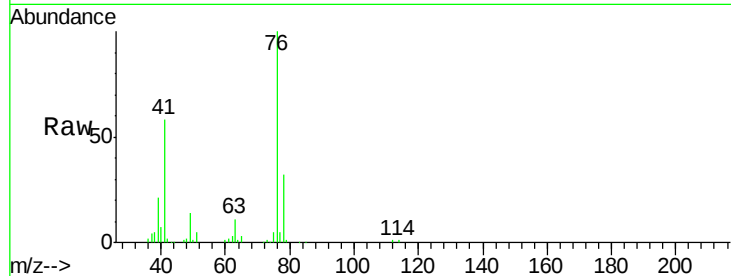
#57
 1,3-Dichloropropane
 Concen: 52.490 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 161263
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1

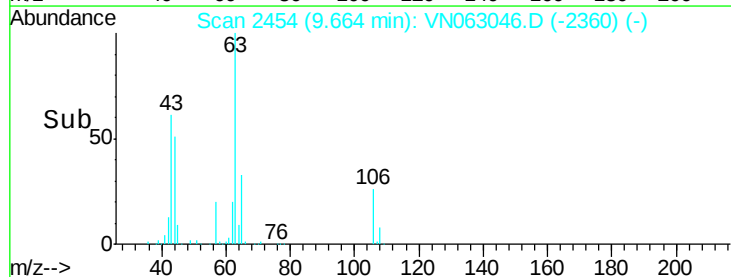
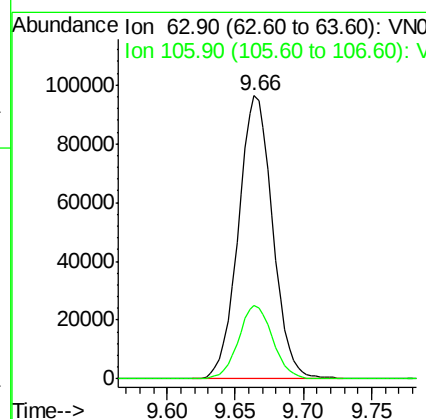
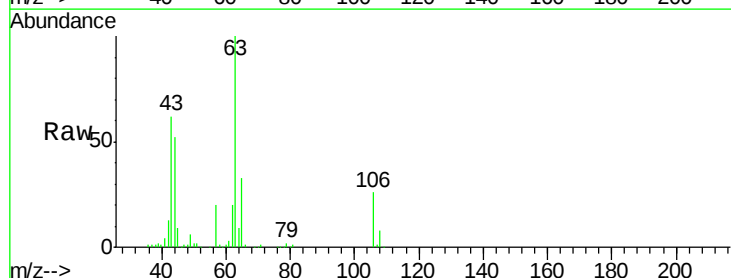
Manual Integrations
 APPROVED

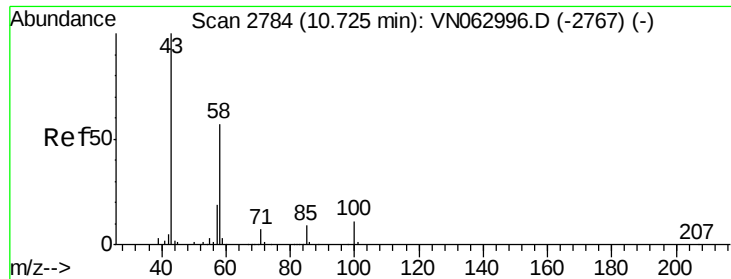
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.605 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion: 63 Resp: 168275
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.7 31.1





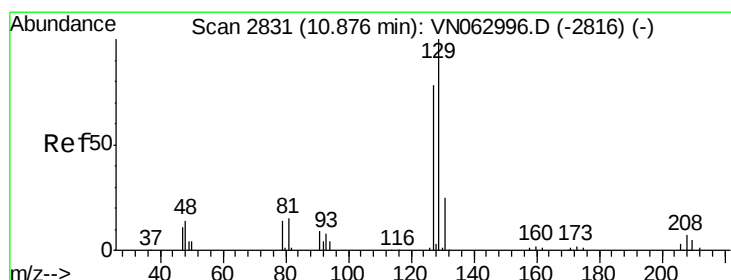
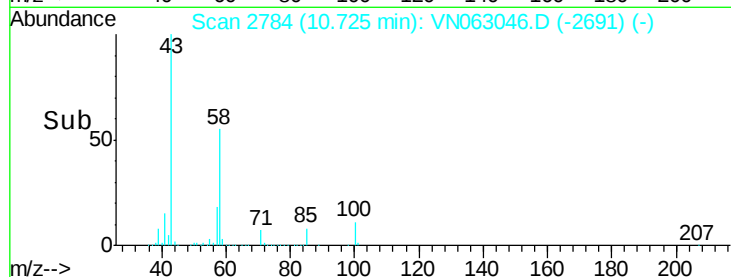
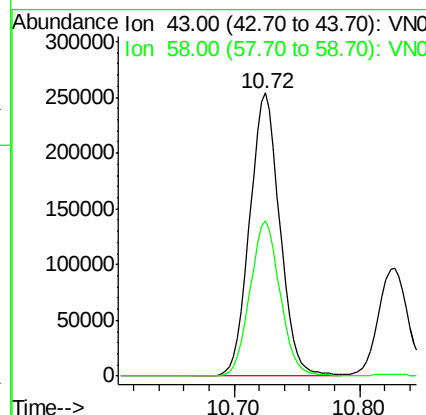
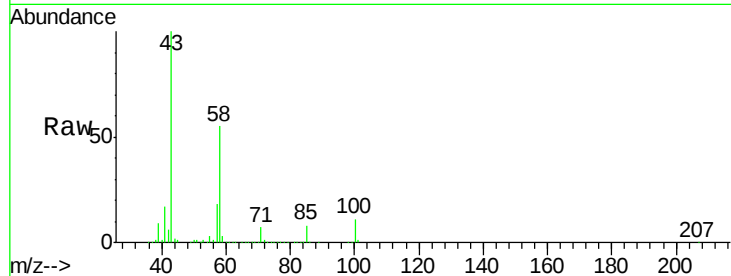
#59
2-Hexanone
Concen: 274.989 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	425644
Ion Ratio	100	Lower	Upper
43	100		
58	54.9	28.1	84.3

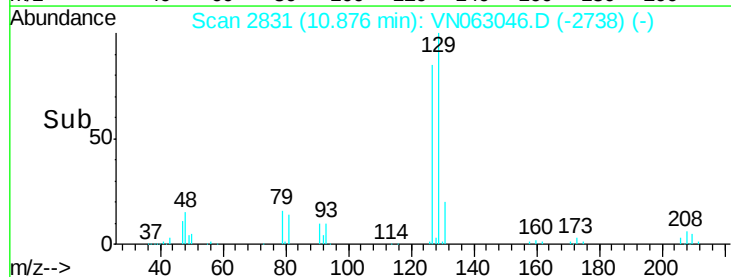
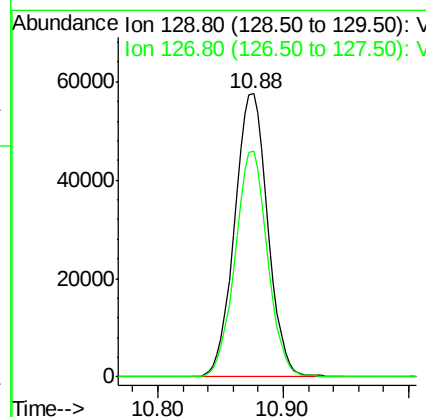
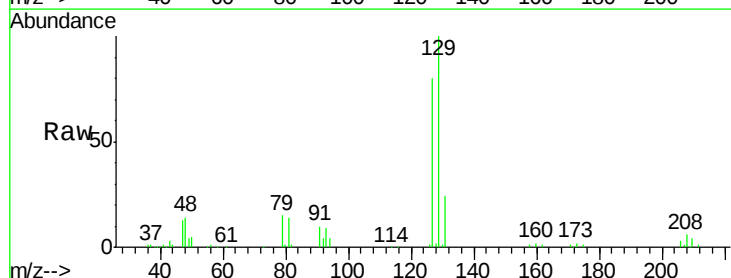
Manual Integrations
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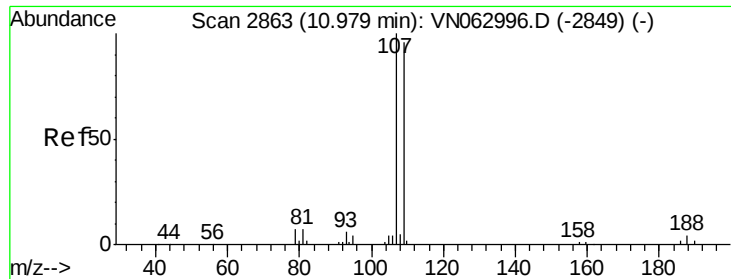
MMDadoda
8/21/2020 9:20:49 AM



#60
Dibromochloromethane
Concen: 51.636 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	129	Resp	105725
Ion Ratio	100	Lower	Upper
129	100		
127	77.7	38.4	115.2





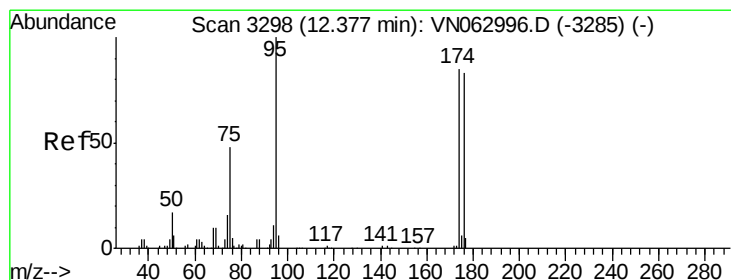
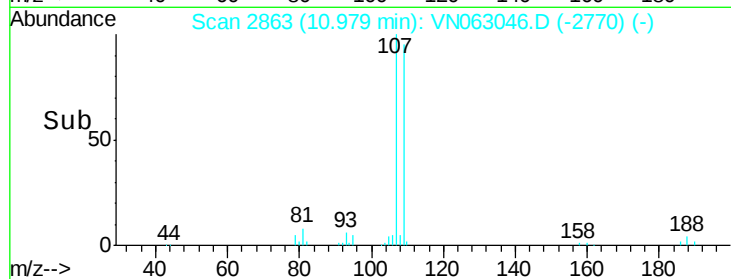
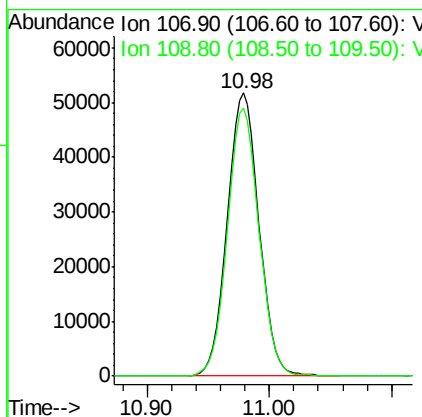
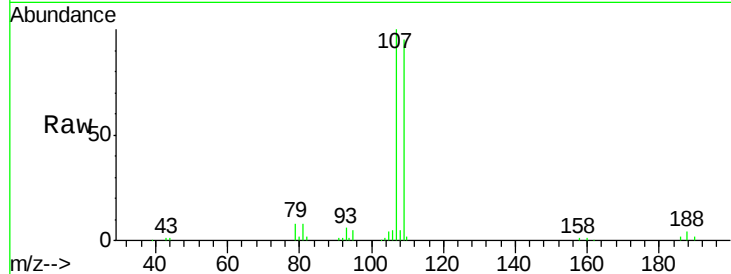
#61
 1,2-Dibromoethane
 Concen: 52.803 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 93870
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.7 113.5

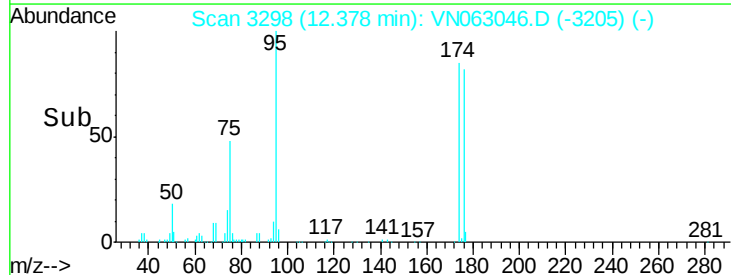
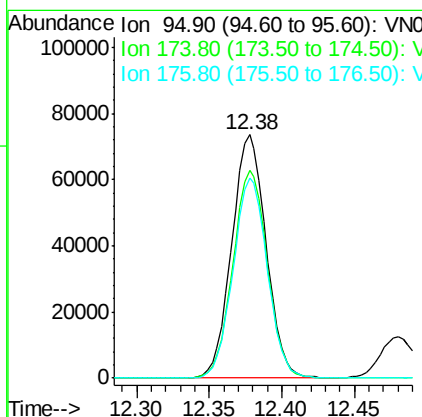
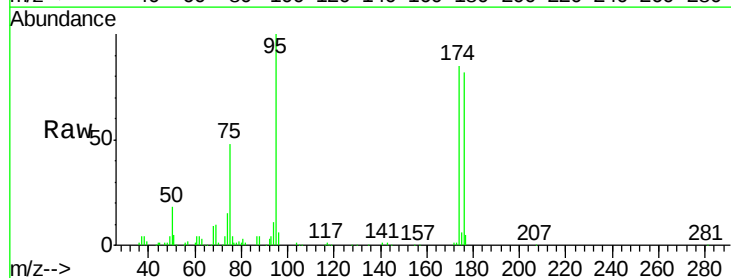
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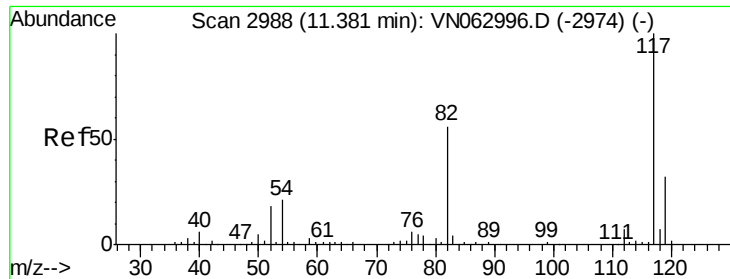
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 8/21/2020 9:20:49 AM



#62
 4-Bromofluorobenzene
 Concen: 53.457 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion: 95 Resp: 121164
 Ion Ratio Lower Upper
 95 100
 174 85.6 0.0 170.8
 176 81.9 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

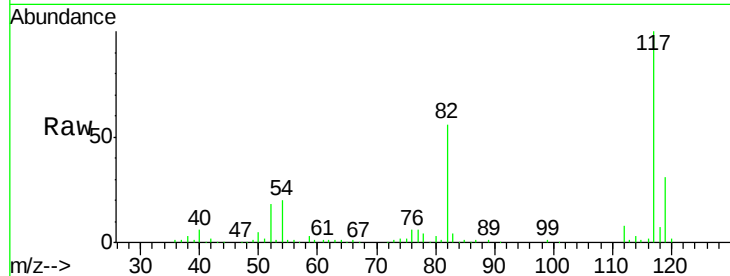
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	247042
Ion Ratio	Lower	Upper	
117	100		
82	56.3	44.5	66.7
119	31.1	25.5	38.3

Manual Integrations
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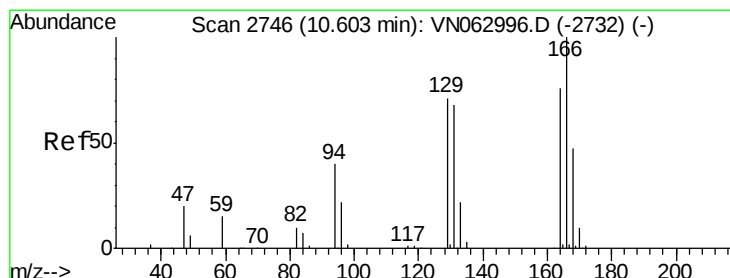
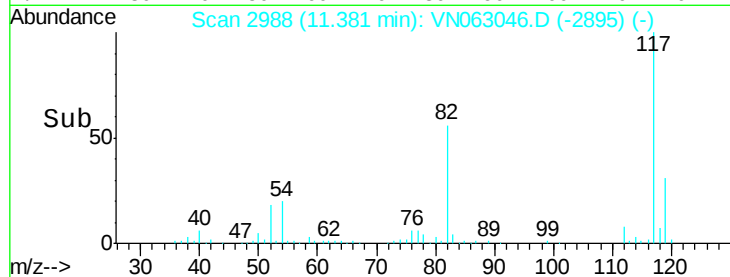
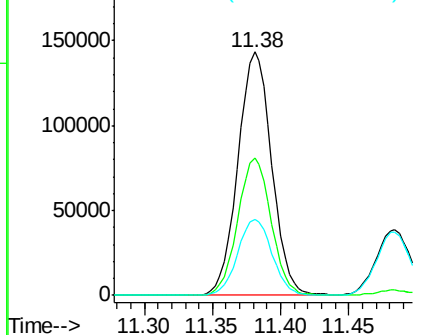


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.186 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion:	164	Resp:	81498
Ion Ratio	Lower	Upper	
164	100		
166	126.8	105.0	157.6
129	90.8	74.7	112.1
131	87.0	71.0	106.4

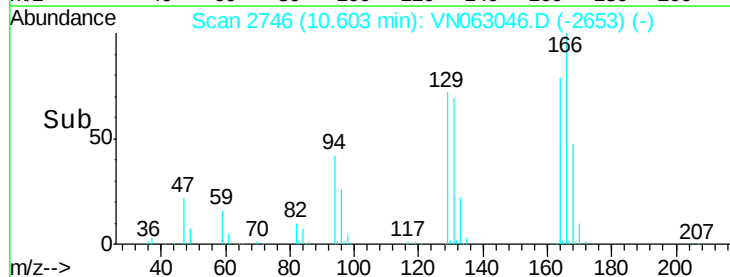
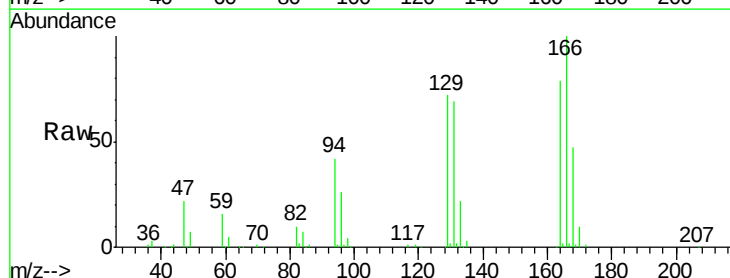
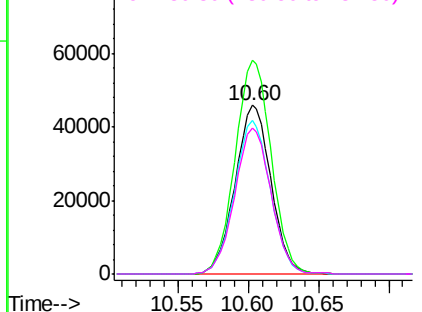
Abundance

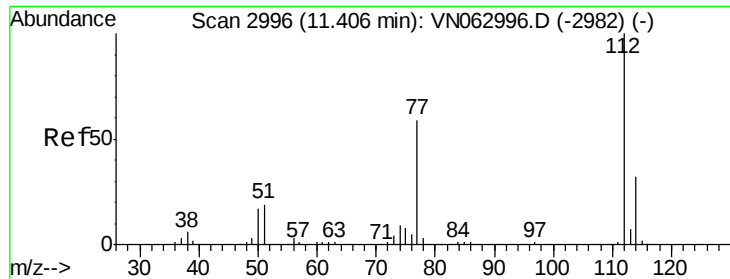
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





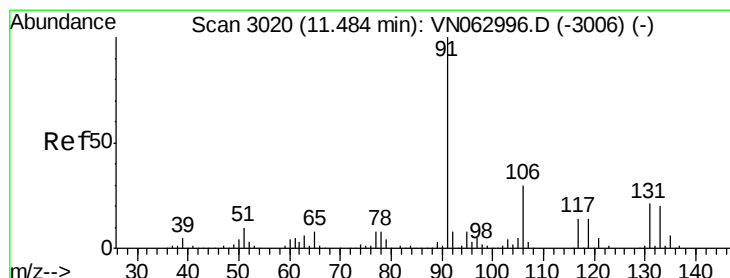
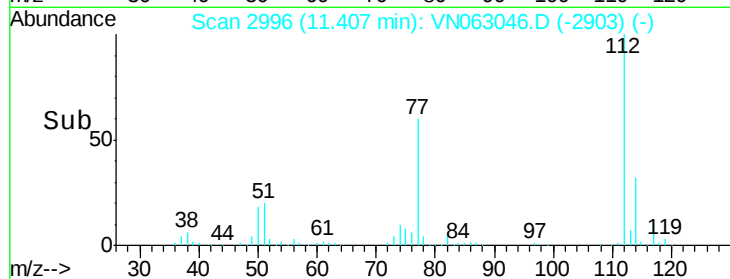
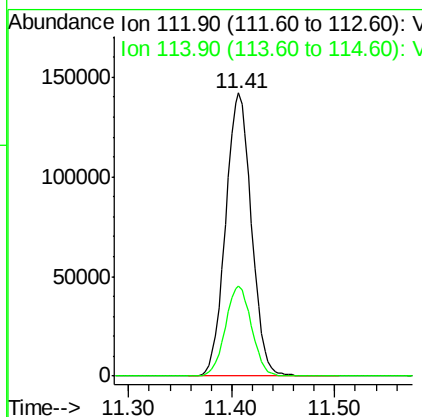
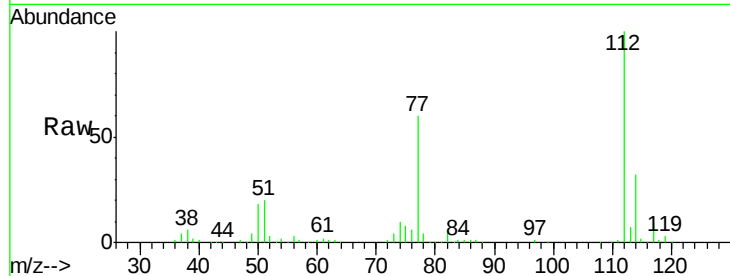
#65
Chlorobenzene
Concen: 49.967 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 247912
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

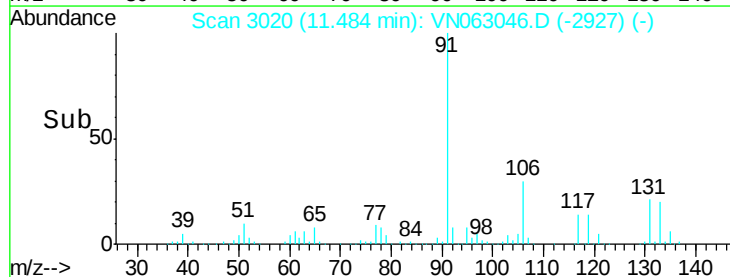
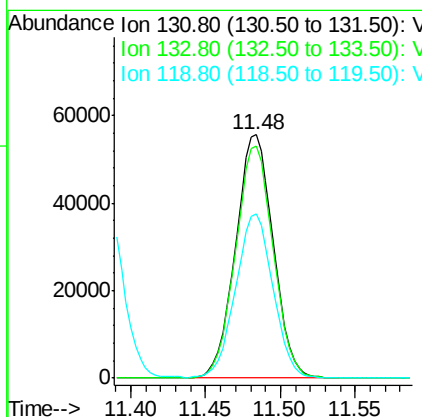
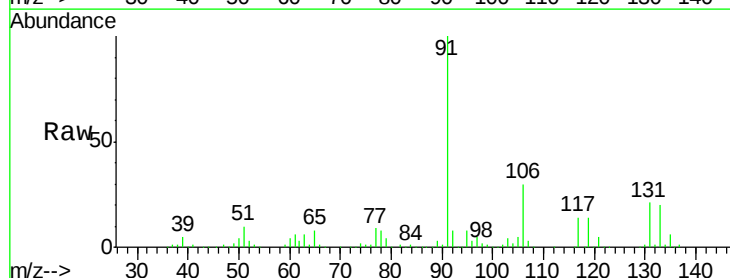
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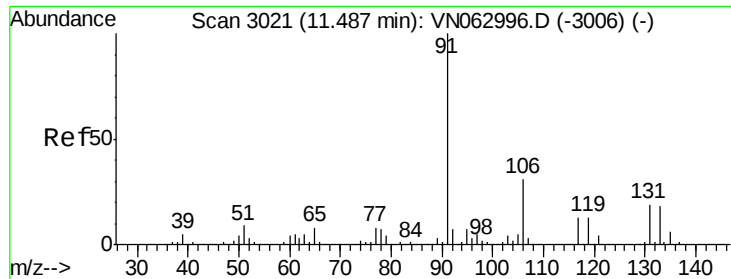
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.568 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion:131 Resp: 97587
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 67.0 33.1 99.3





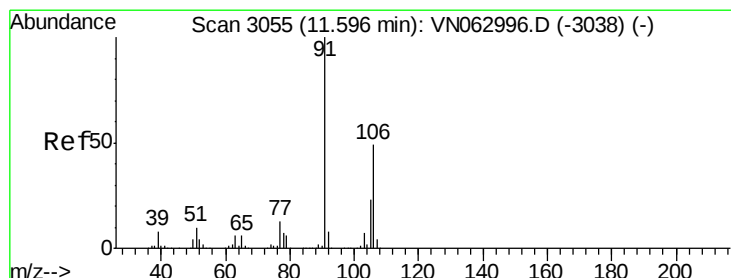
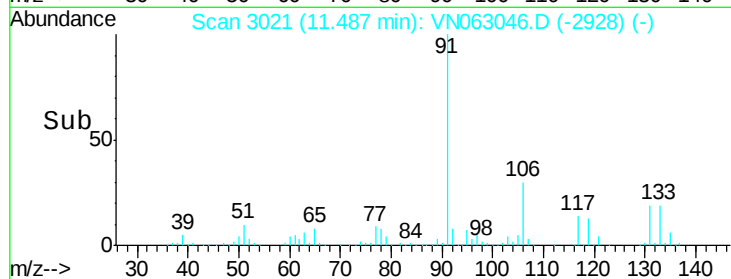
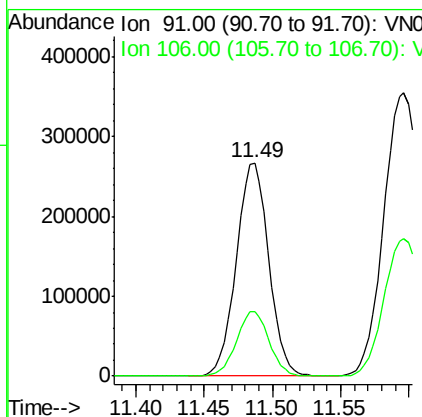
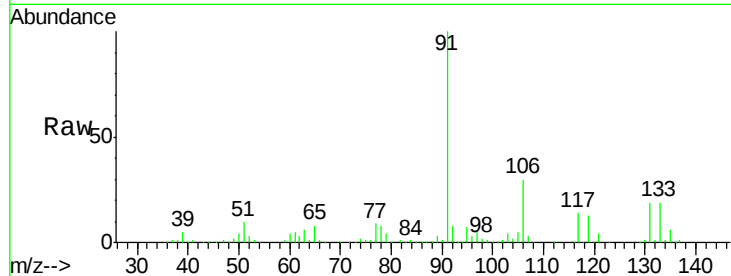
#67
Ethyl Benzene
Concen: 52.657 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 441453
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

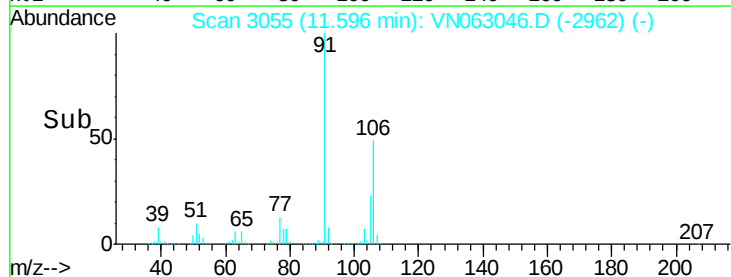
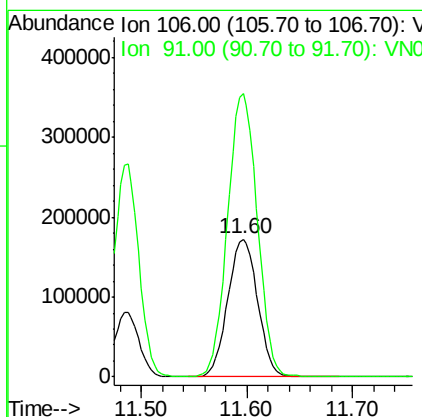
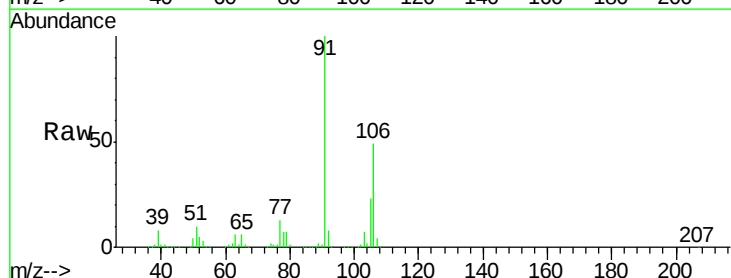
Manual Integrations
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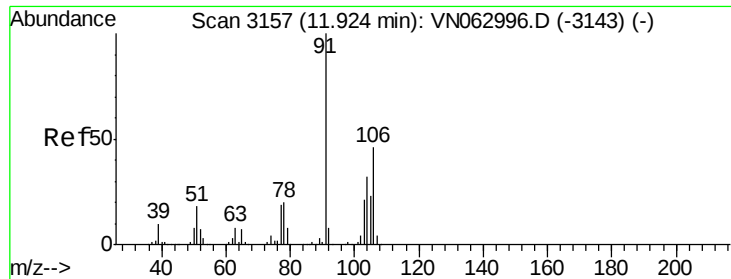
MMDadoda
8/21/2020 9:20:49 AM



#68
m/p-Xylenes
Concen: 108.041 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 106 Resp: 336643
Ion Ratio Lower Upper
106 100
91 205.0 163.0 244.4





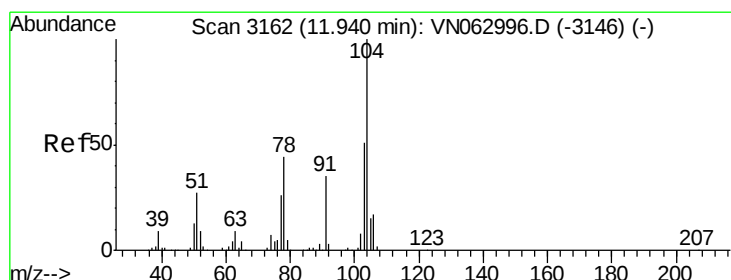
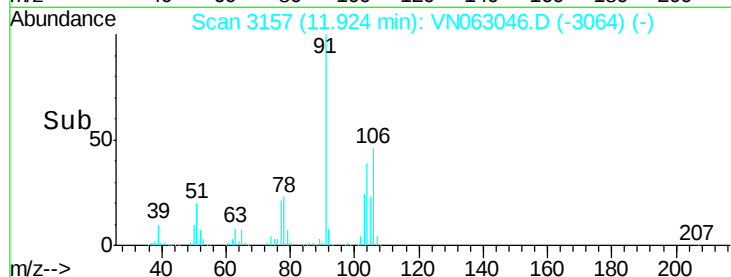
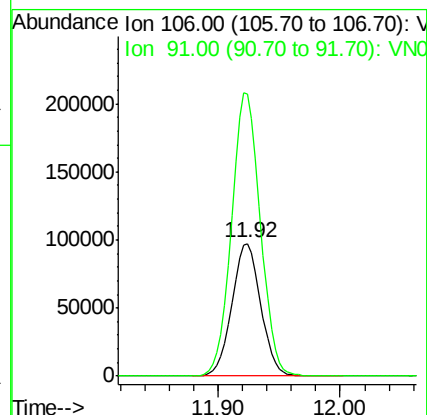
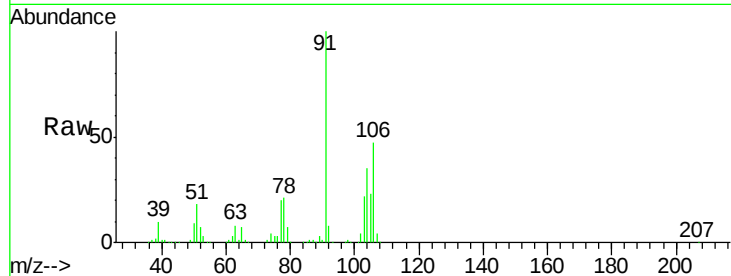
#69
o-Xylene
Concen: 53.757 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		160847		
91	213.4	107.3	321.9		

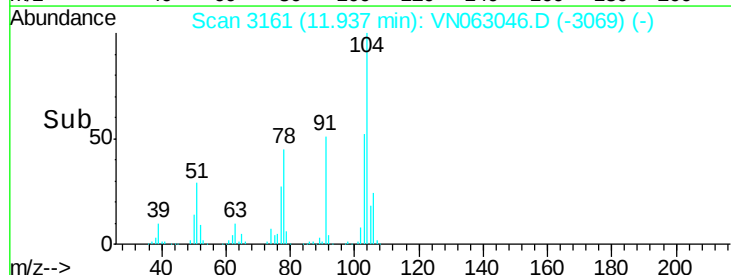
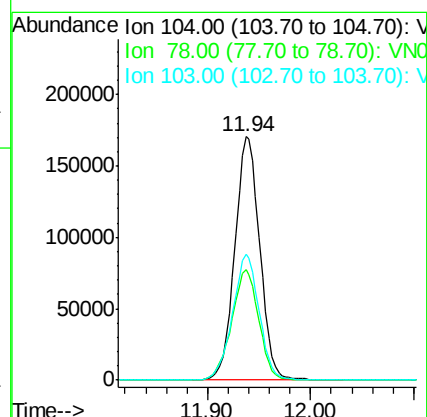
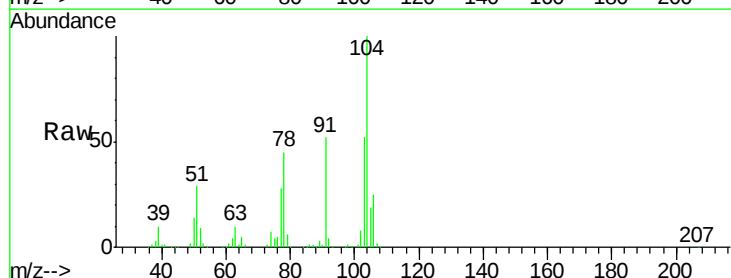
Manual Integrations
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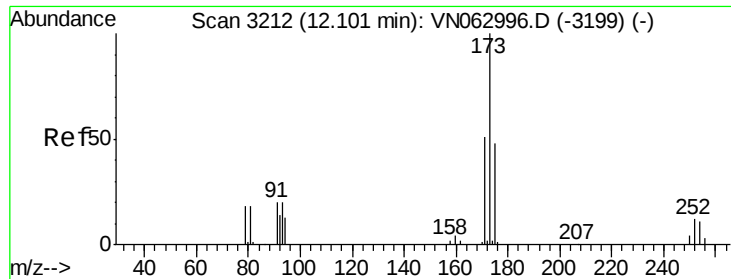
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#70
Styrene
Concen: 48.641 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		288493		
78	49.2	39.0	58.6		
103	55.1	44.3	66.5		





#71

Bromoform

Concen: 51.582 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 79233

Ion Ratio Lower Upper

173 100

175 50.2 24.3 72.8

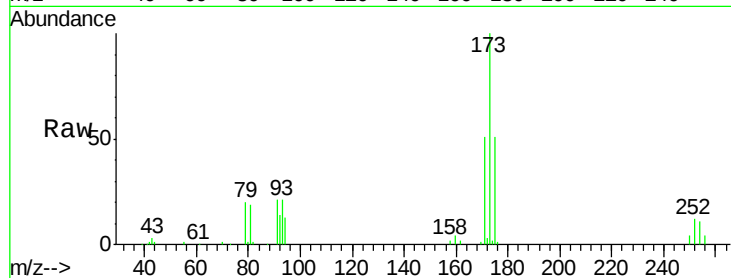
254 0.0 0.0 0.0

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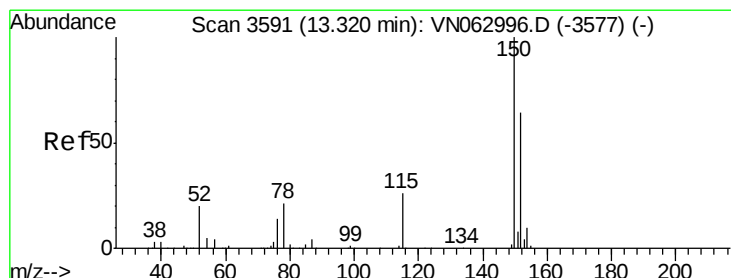
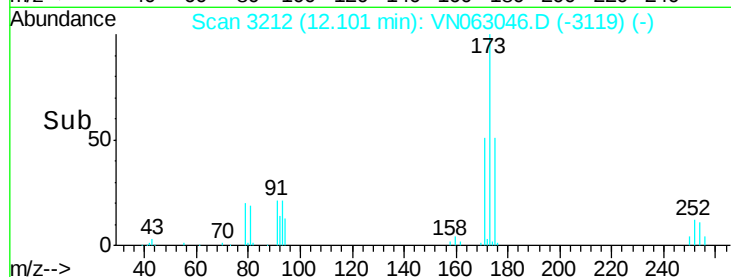
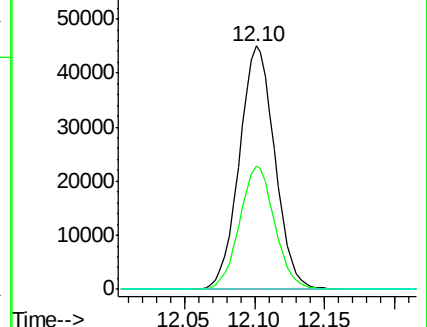
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

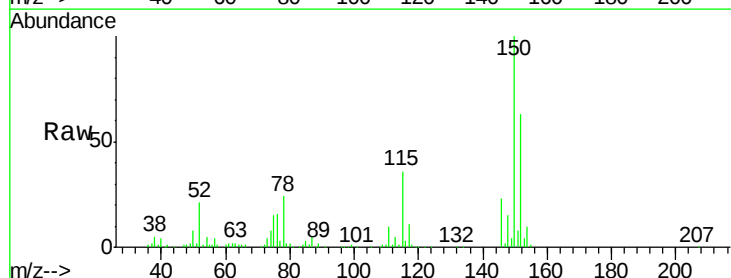
Tgt Ion:152 Resp: 122029

Ion Ratio Lower Upper

152 100

115 57.6 28.7 86.3

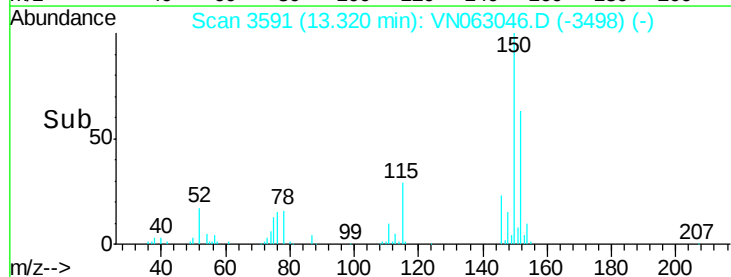
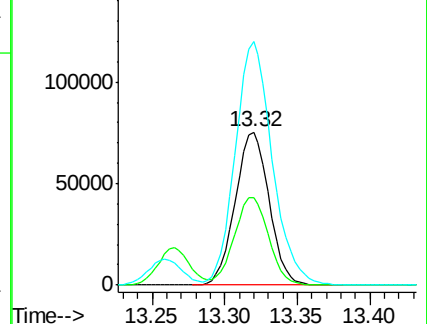
150 174.0 0.0 348.8

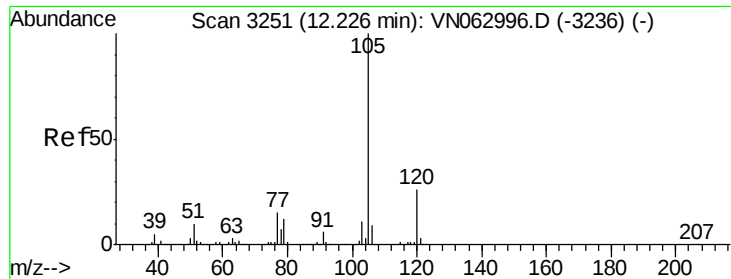


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.118 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 43525

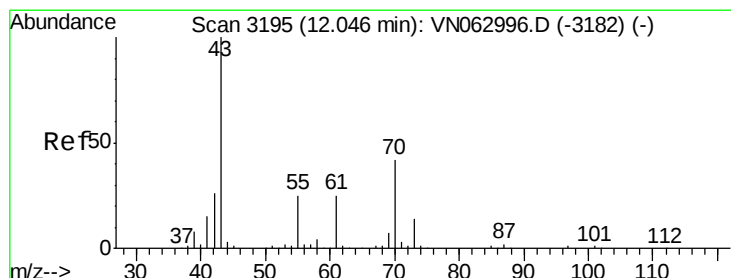
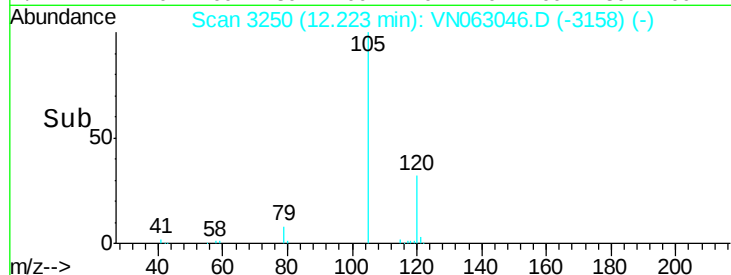
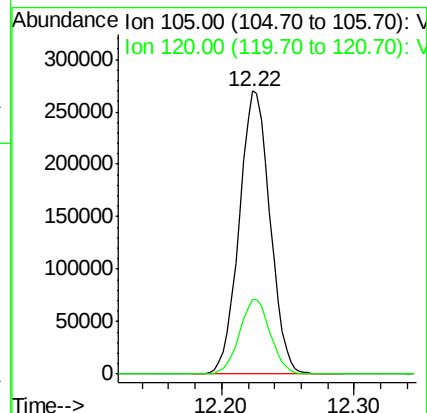
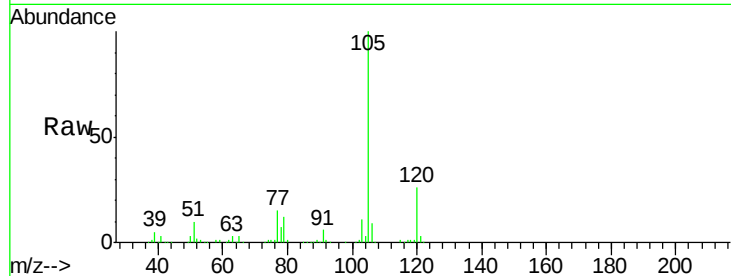
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 54.245 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion: 43 Resp: 162350

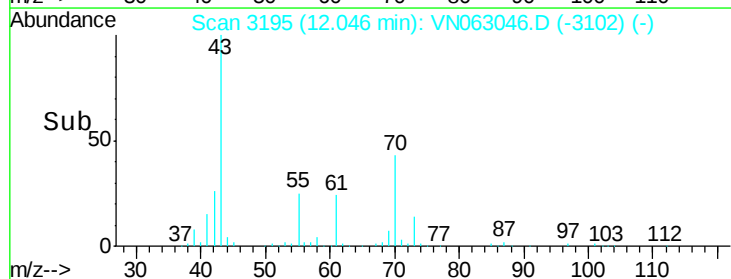
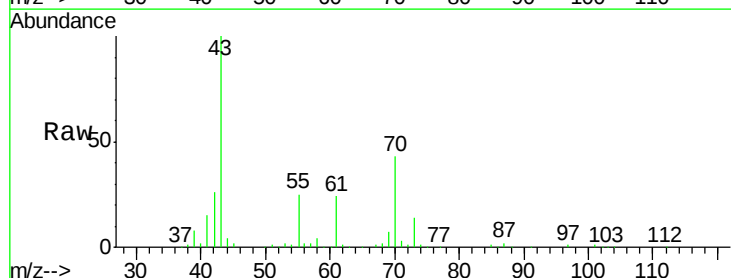
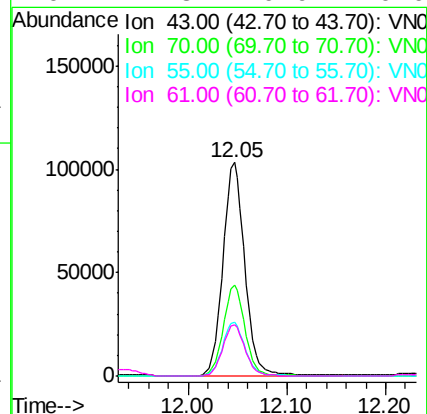
Ion Ratio Lower Upper

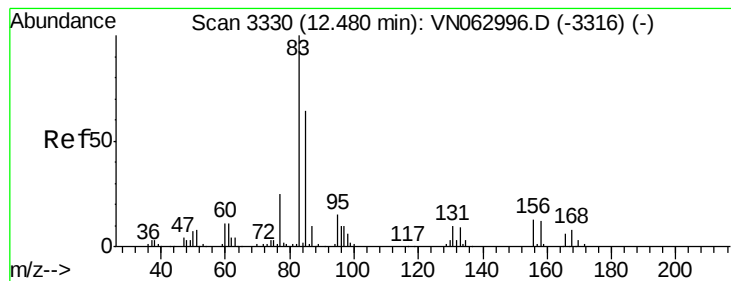
43 100

70 42.0 33.4 50.0

55 25.8 20.2 30.2

61 24.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.299 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

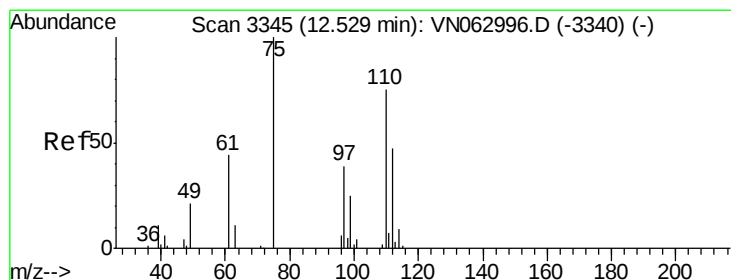
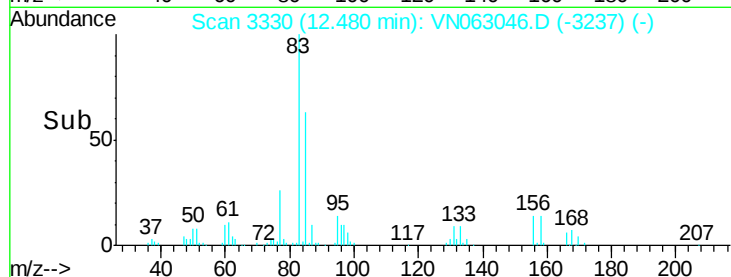
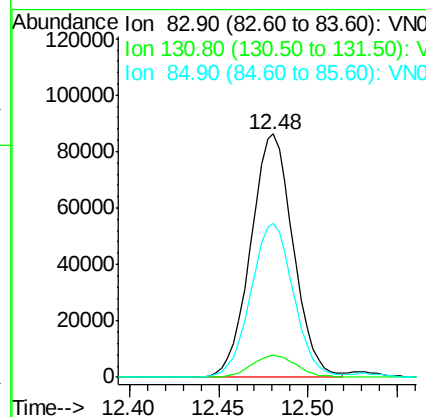
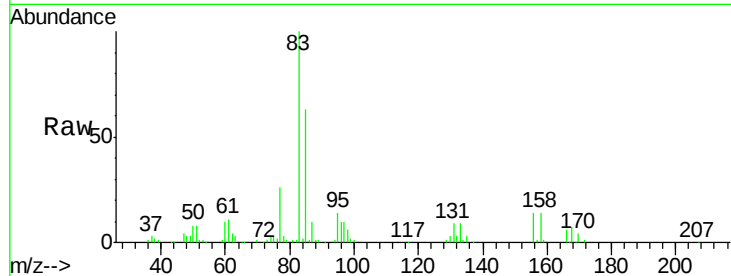
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	143425
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	63.6	31.9	95.5

Manual Integrations
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MMDadoda
8/21/2020 9:20:49 AM



#76

1,2,3-Trichloropropane

Concen: 50.780 ug/l m

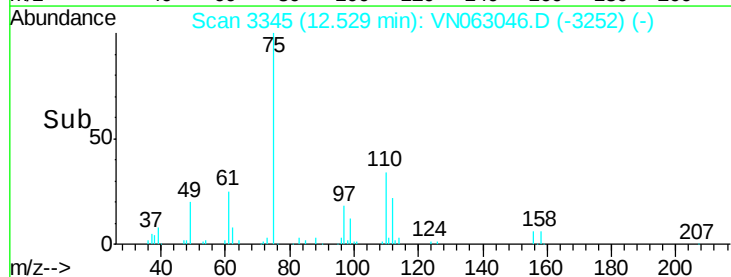
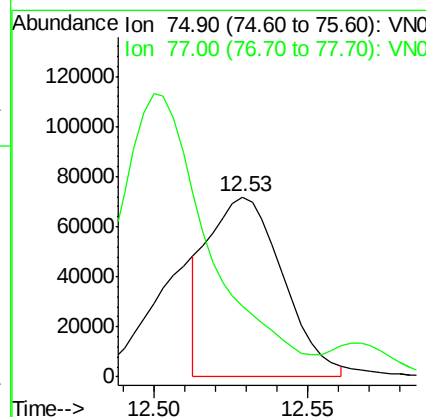
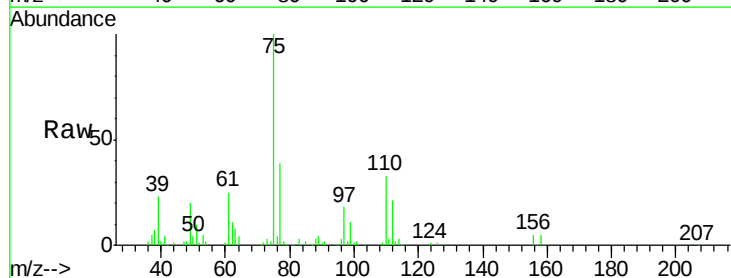
RT: 12.53 min Scan# 3345

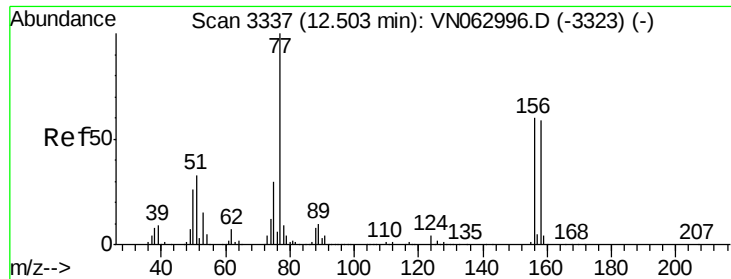
Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion:	75	Resp:	120448
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





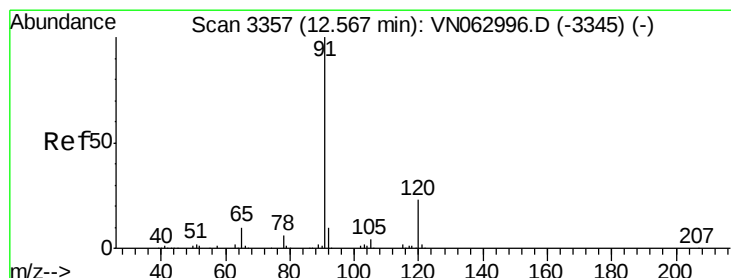
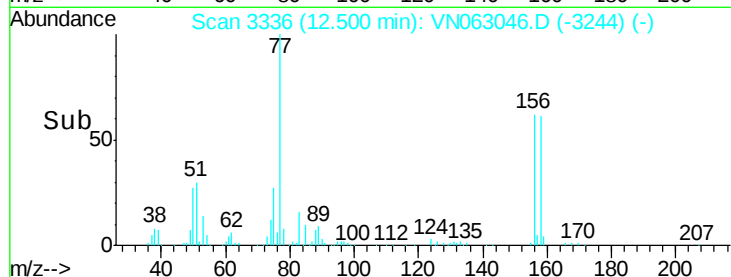
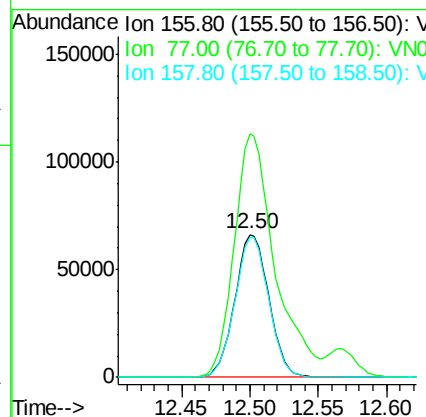
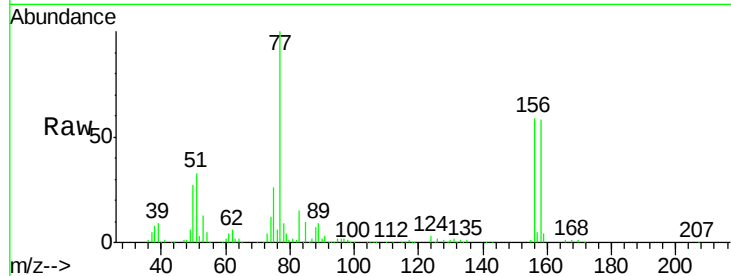
#77
Bromobenzene
Concen: 49.804 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	204.7	101.0	302.9
158	97.8	49.4	148.0

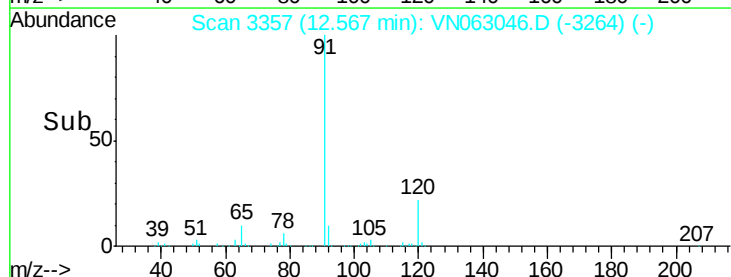
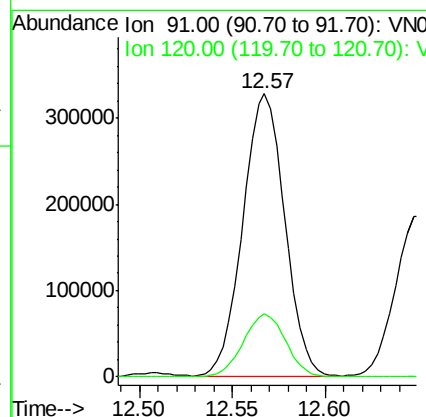
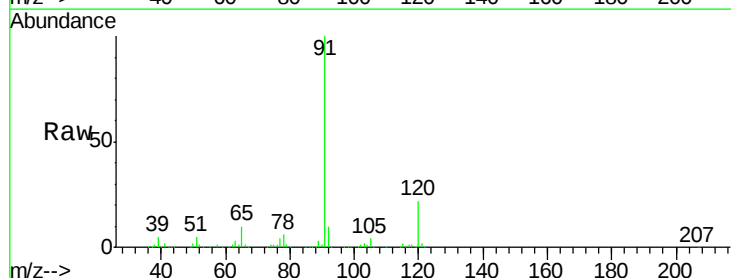
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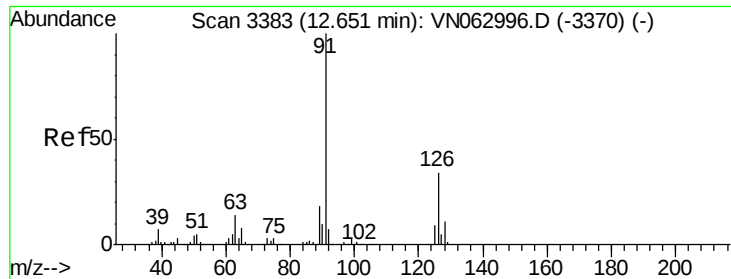
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#78
n-propylbenzene
Concen: 53.888 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79

2-Chlorotoluene

Concen: 51.096 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 306121

Ion Ratio Lower Upper

91 100

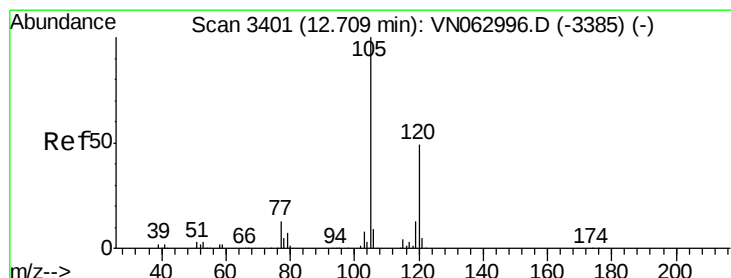
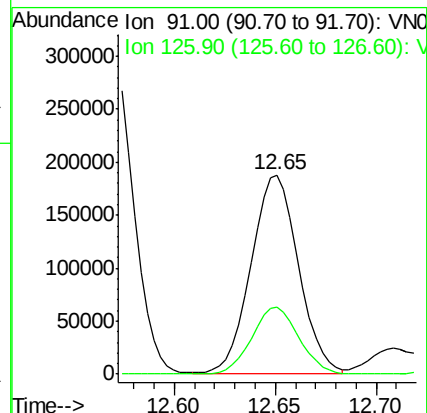
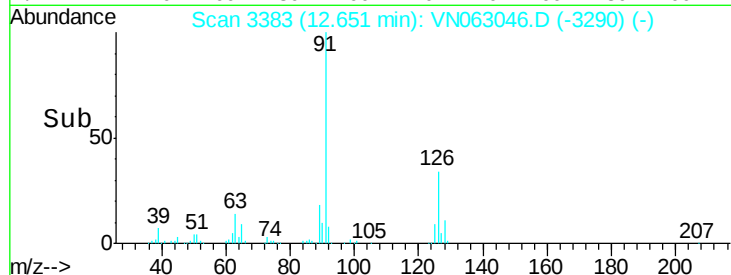
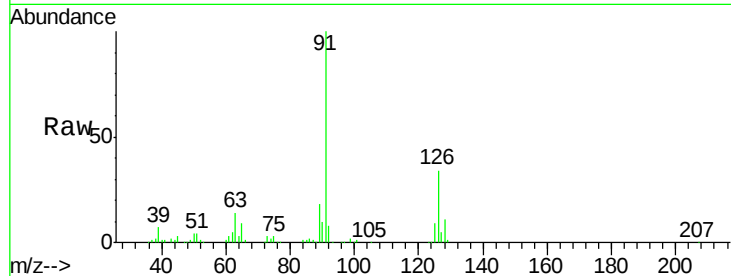
126 34.0 17.1 51.2

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#80

1,3,5-Trimethylbenzene

Concen: 54.300 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063046.D

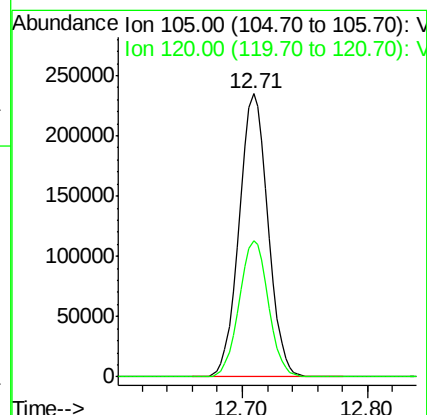
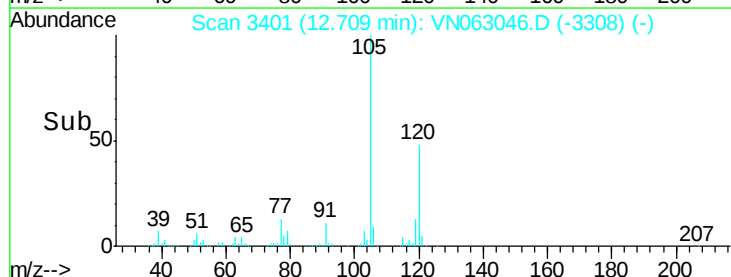
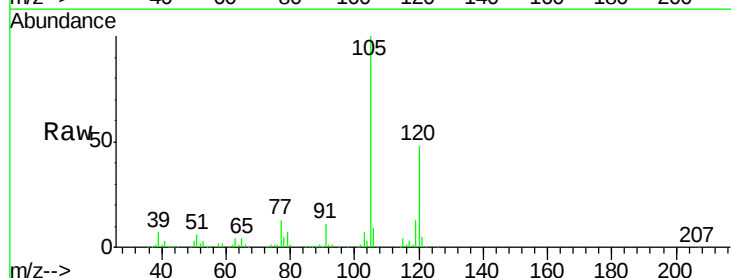
Acq: 20 Aug 2020 19:37

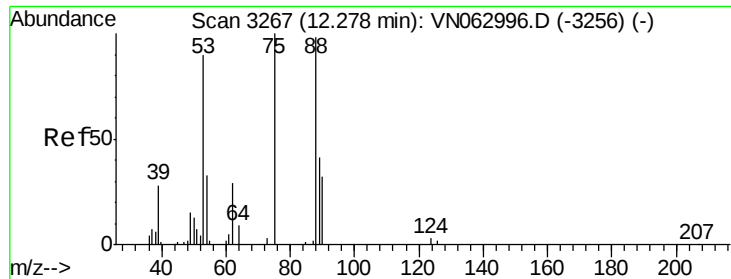
Tgt Ion: 105 Resp: 375100

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.366 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

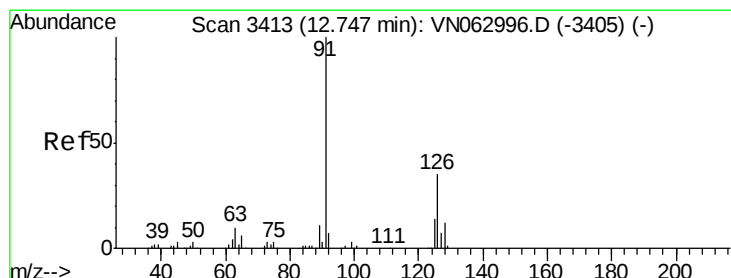
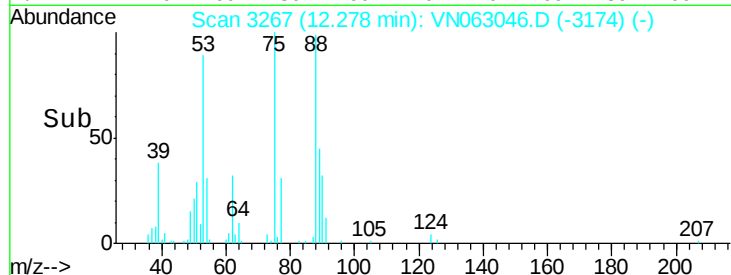
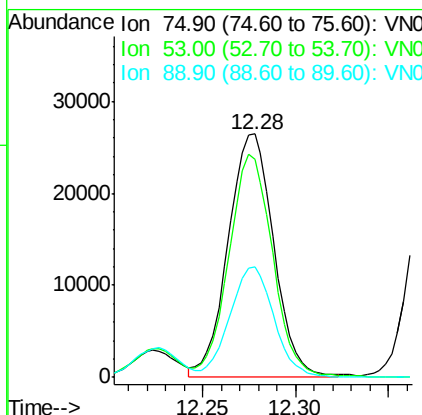
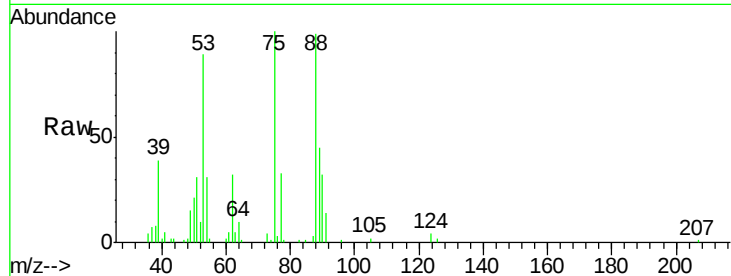
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	45226
Ion	Ratio	Lower	Upper
75	100		
53	88.4	69.2	103.8
89	44.1	34.2	51.4

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#82

4-Chlorotoluene

Concen: 52.672 ug/l

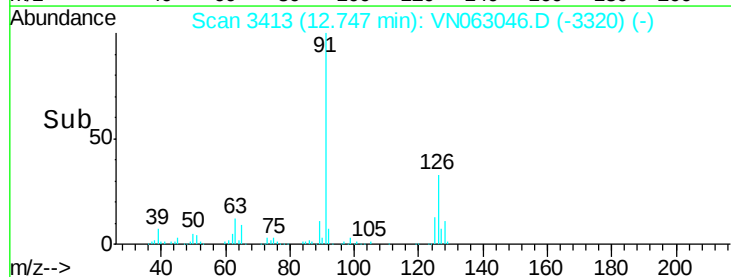
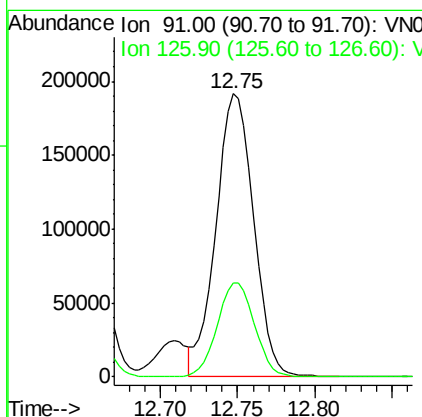
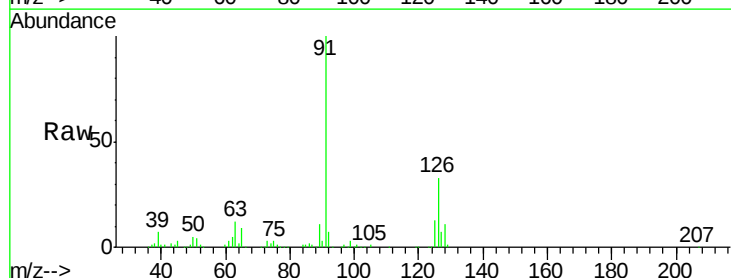
RT: 12.75 min Scan# 3413

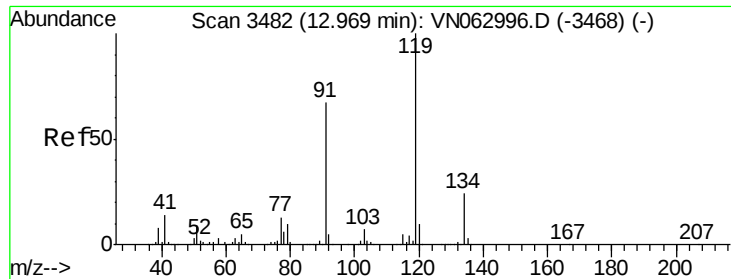
Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion:	91	Resp:	321328
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.5	49.5





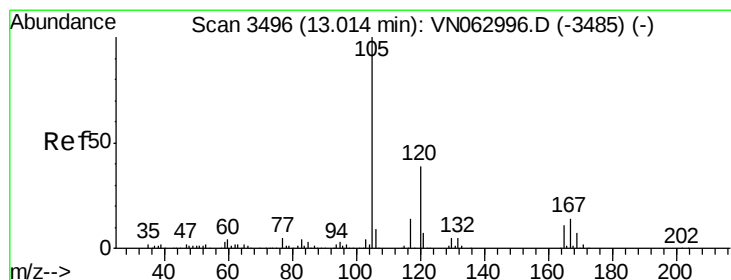
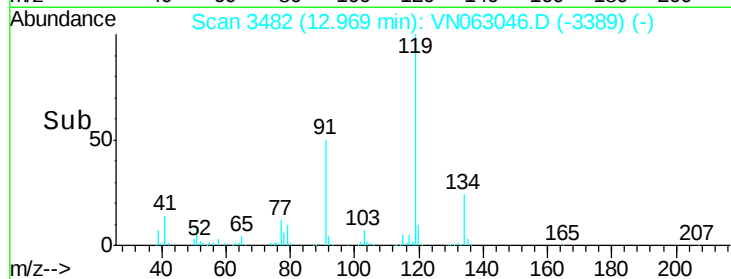
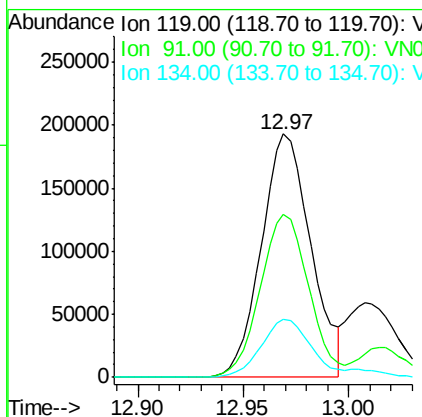
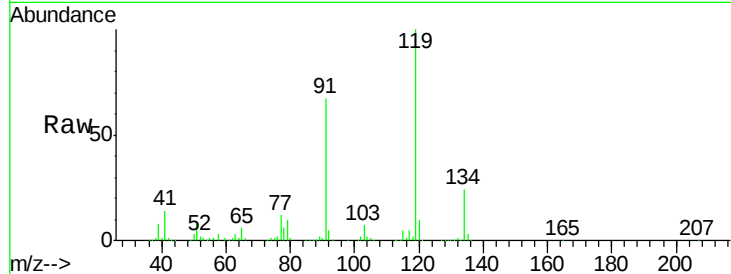
#83
 tert-Butylbenzene
 Concen: 53.059 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	316351		
91	65.6	32.5	97.4	
134	23.9	13.1	39.3	

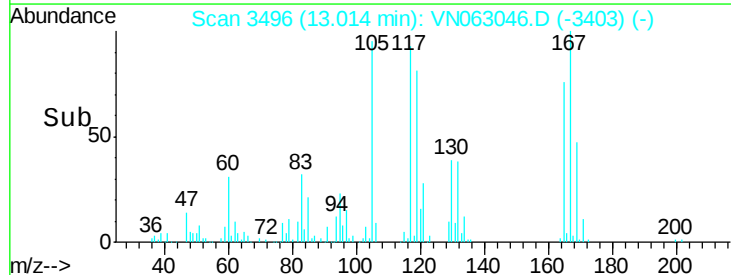
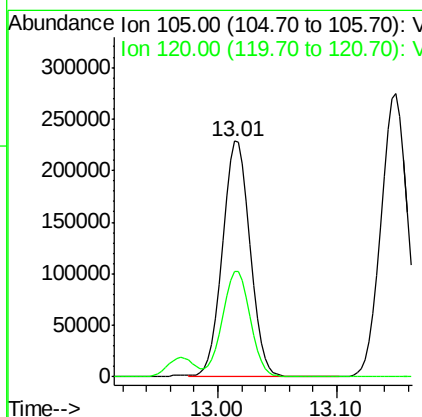
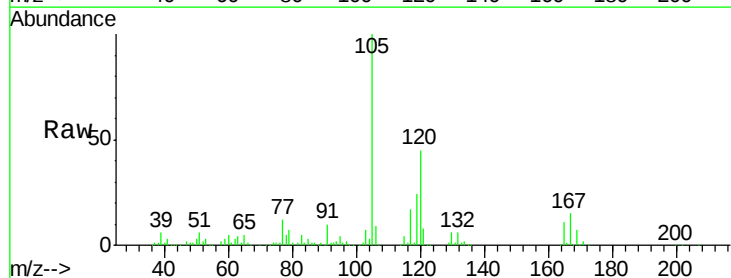
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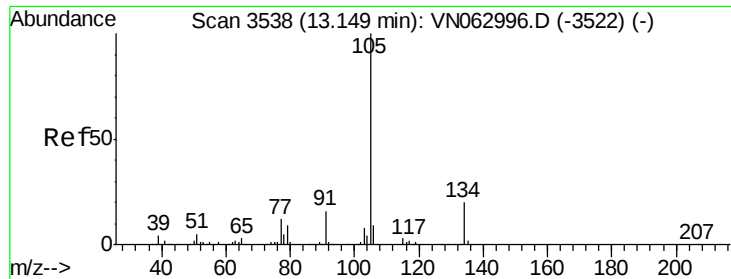
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.497 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366757		
120	45.2	22.5	67.5	





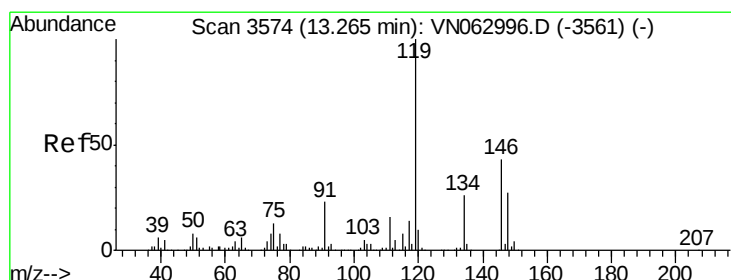
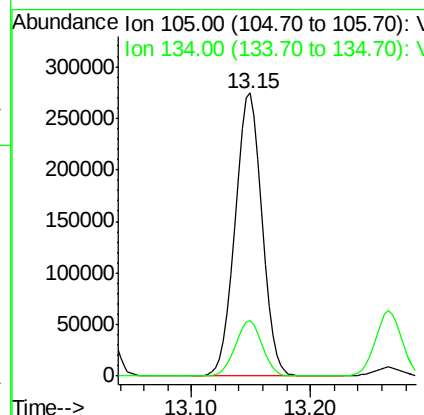
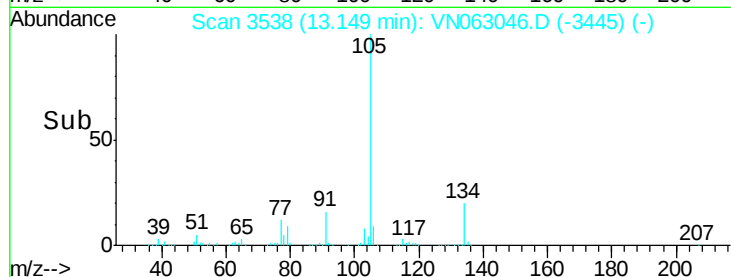
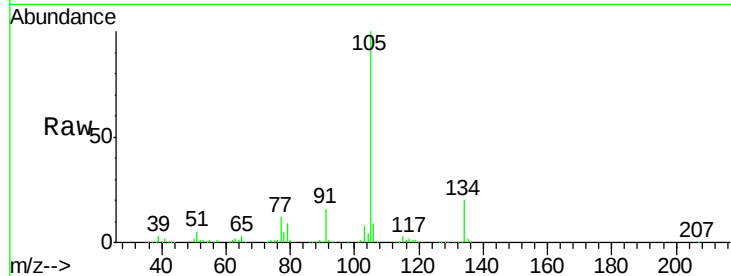
#85
 sec-Butylbenzene
 Concen: 53.191 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

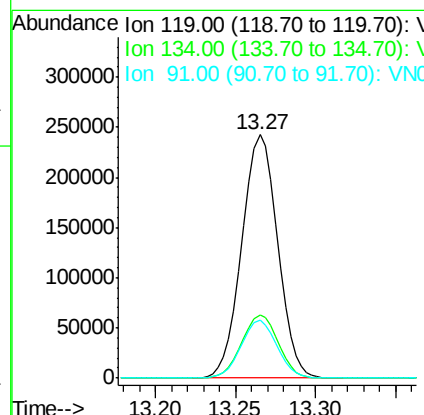
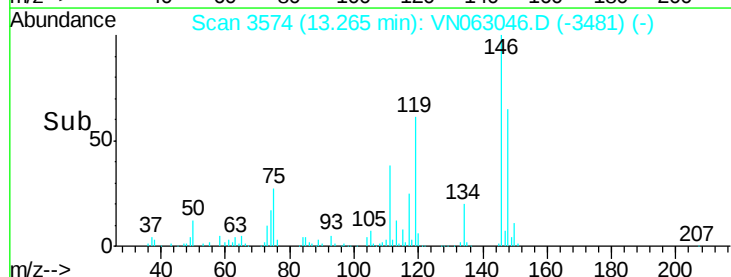
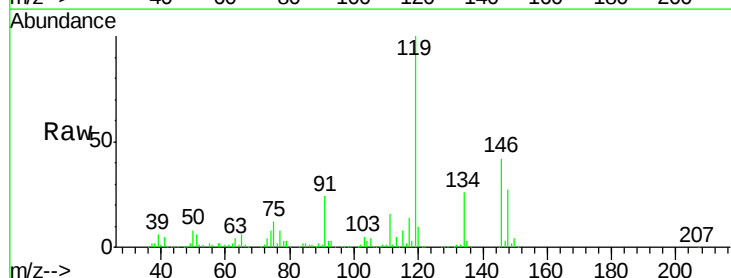
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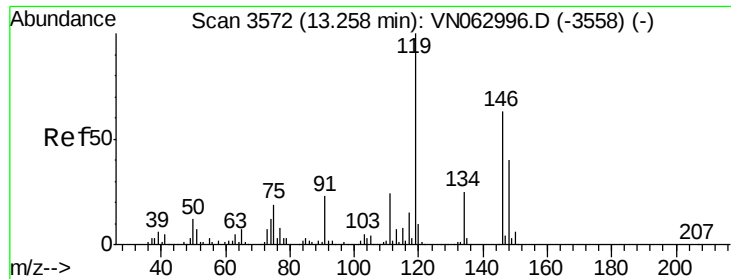
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#86
 p-Isopropyltoluene
 Concen: 52.659 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.3
91	23.6	11.5	34.4





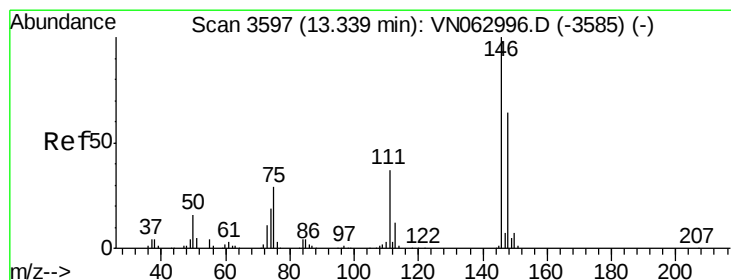
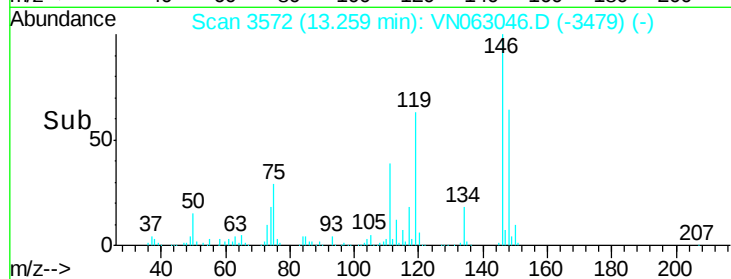
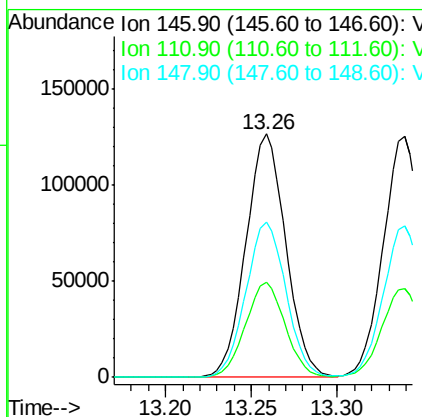
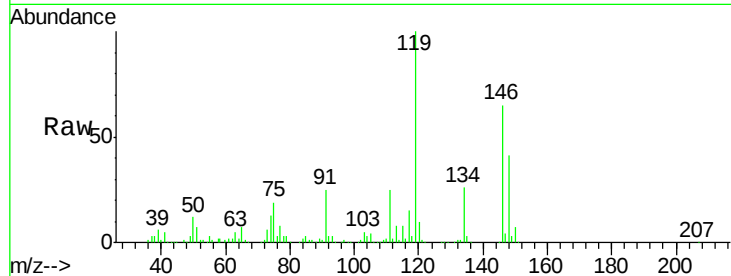
#87
 1,3-Dichlorobenzene
 Concen: 51.706 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	204231		
111	39.0	19.4	58.1	
148	64.2	32.0	96.0	

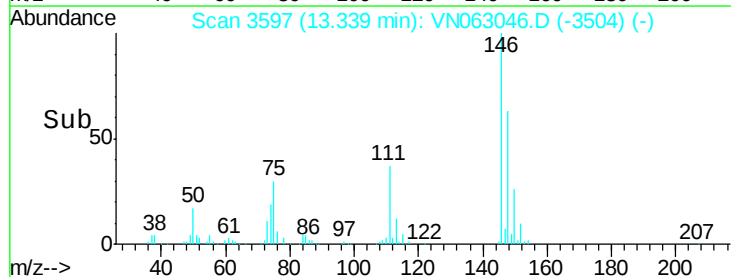
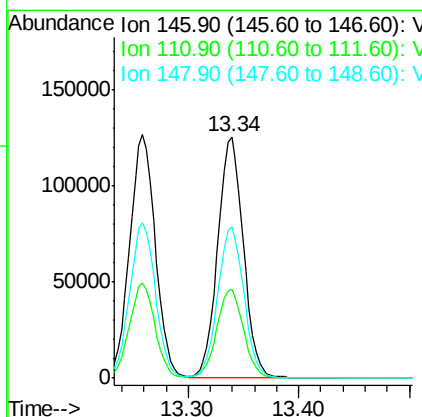
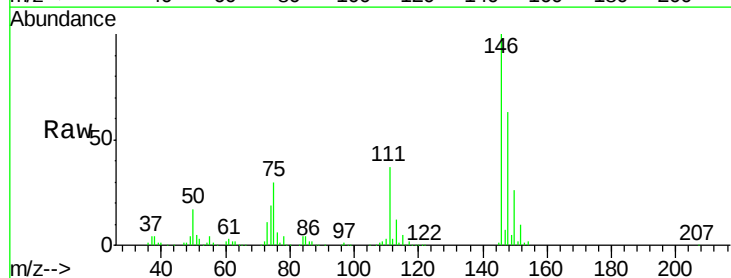
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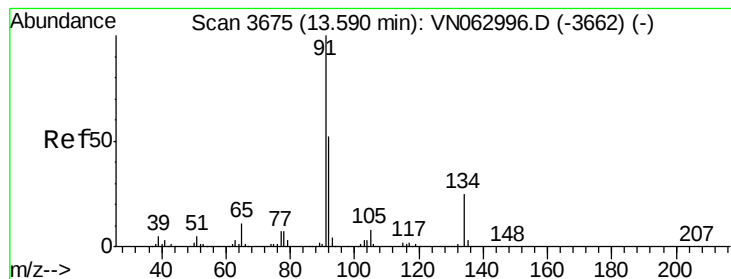
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#88
 1,4-Dichlorobenzene
 Concen: 50.406 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	202075		
111	38.2	18.8	56.4	
148	63.6	32.4	97.0	





#89

n-Butylbenzene

Concen: 45.389 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

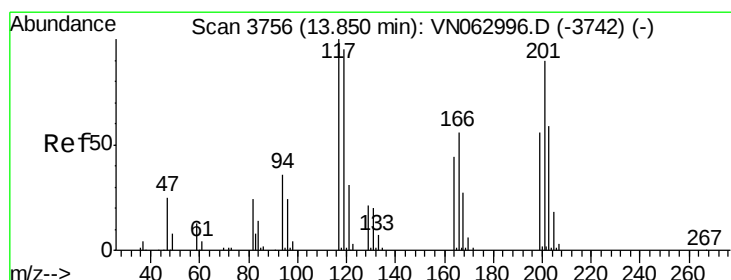
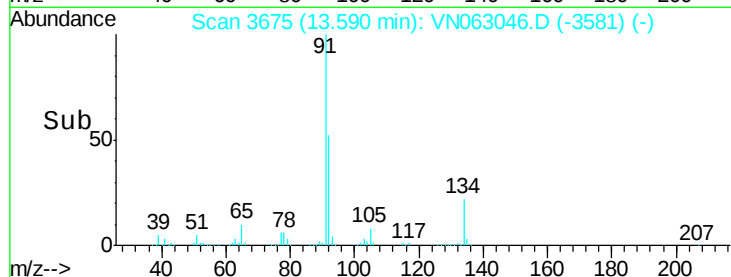
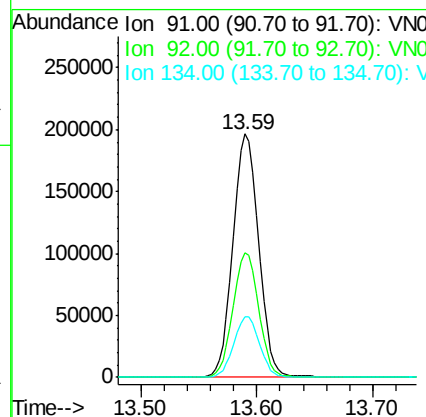
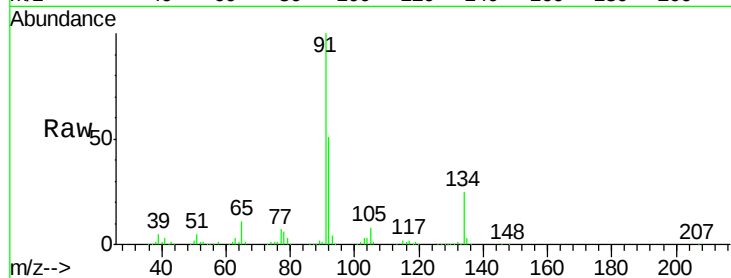
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	300245
Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.9	77.6
134	24.9	12.4	37.0

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#90

Hexachloroethane

Concen: 49.244 ug/l

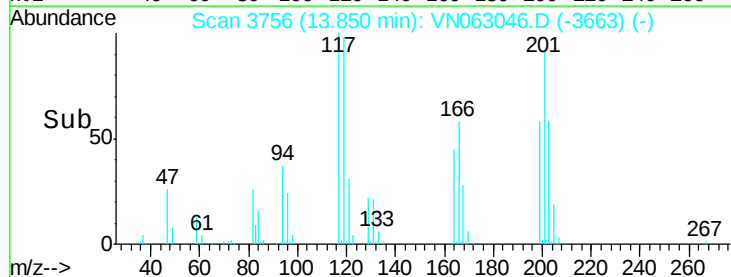
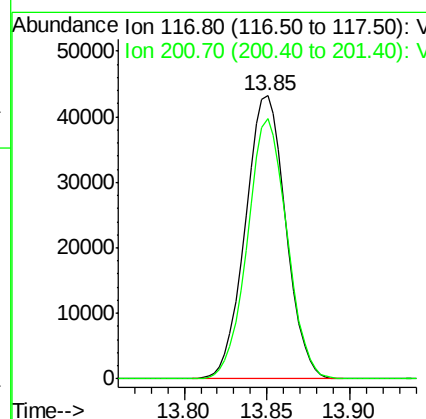
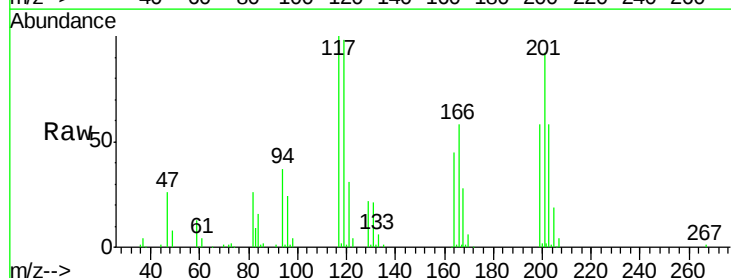
RT: 13.85 min Scan# 3756

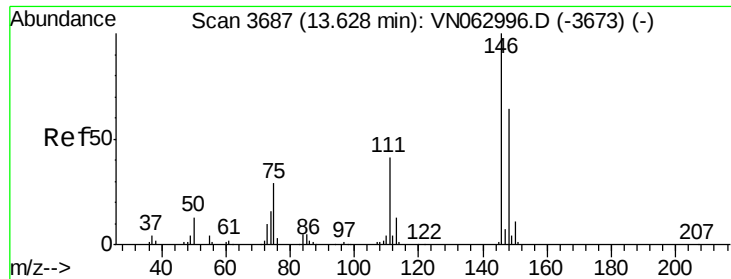
Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion:	117	Resp:	73488
Ion	Ratio	Lower	Upper
117	100		
201	89.8	44.1	132.4





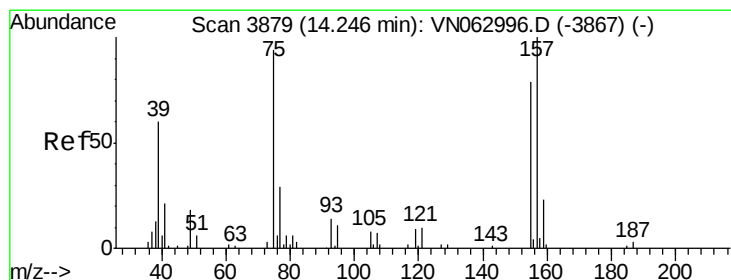
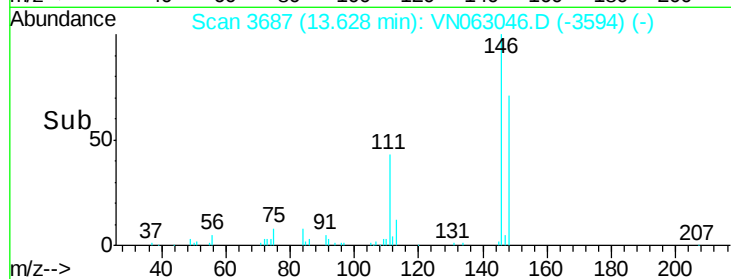
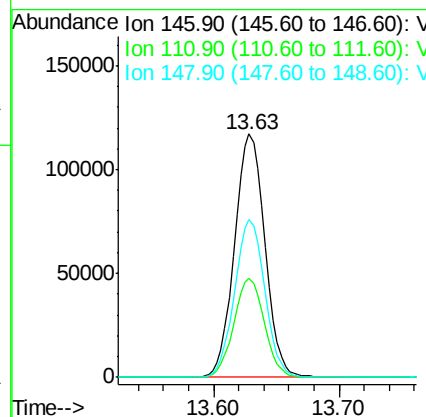
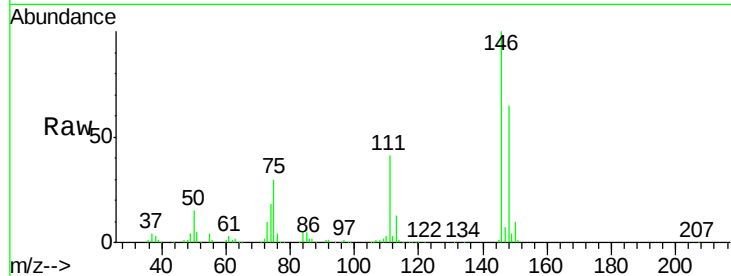
#91
 1,2-Dichlorobenzene
 Concen: 51.709 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.5
148	64.4	31.9	95.5

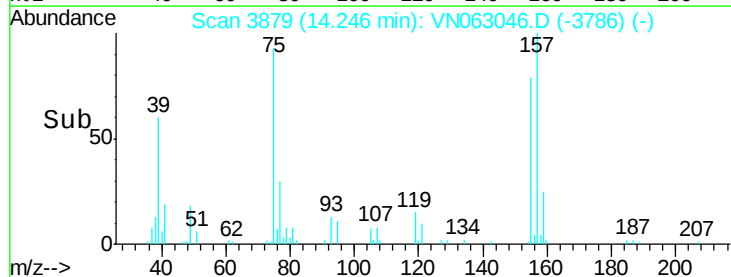
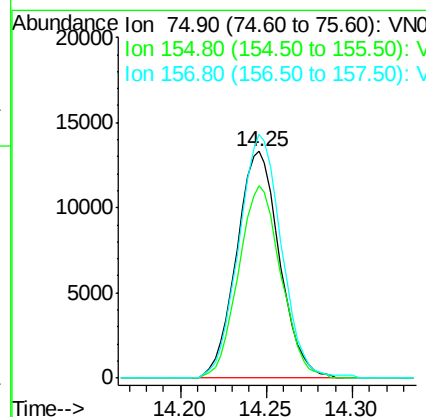
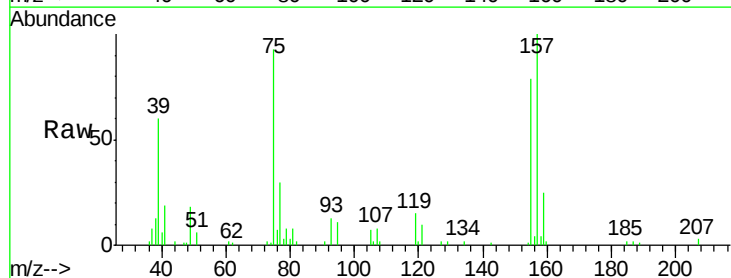
Manual Integrations
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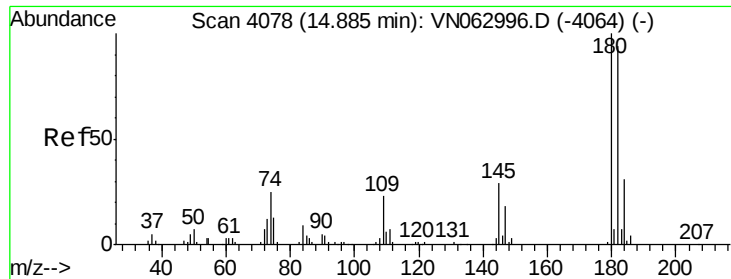
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.902 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	42.4	127.1
157	106.5	55.2	165.6





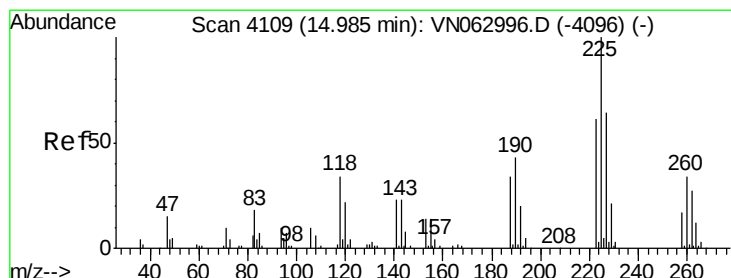
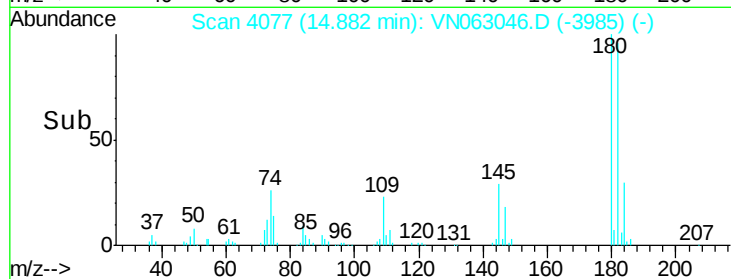
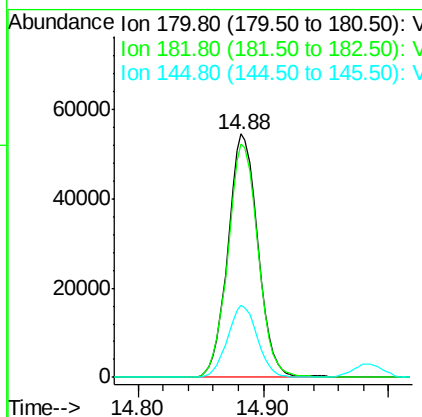
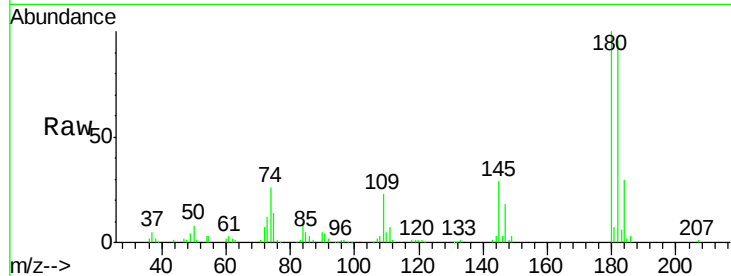
#93
 1,2,4-Trichlorobenzene
 Concen: 43.408 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.0	141.2
145	29.4	14.1	42.4

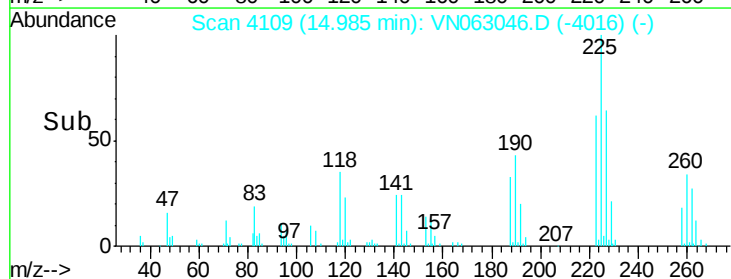
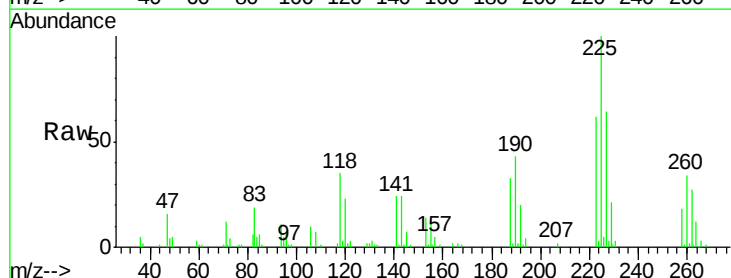
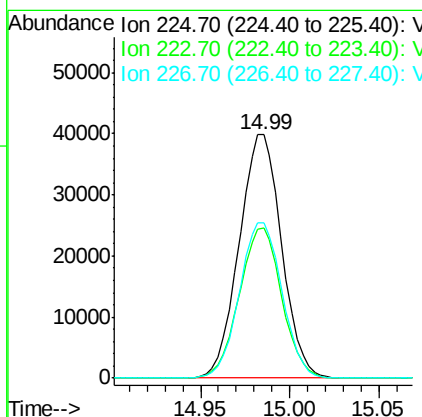
Manual Integrations
 APPROVED

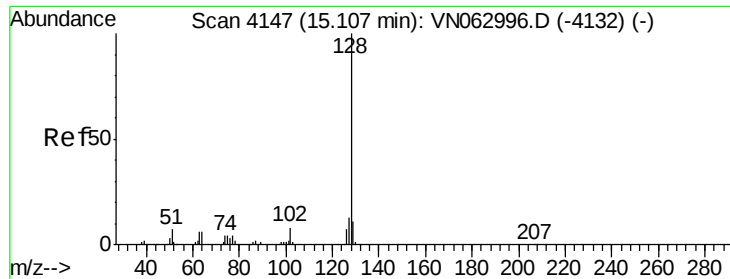
MMDadoda
 8/21/2020 9:20:49 AM



#94
 Hexachlorobutadiene
 Concen: 46.693 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.9	92.5
227	64.1	31.9	95.9





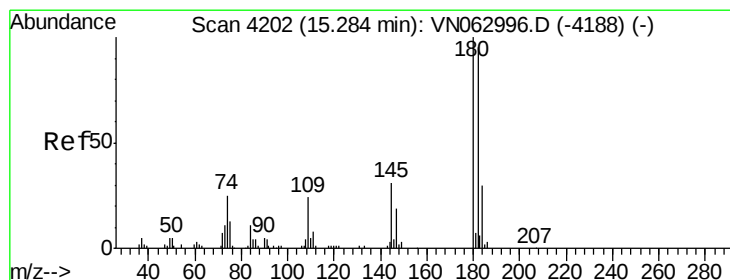
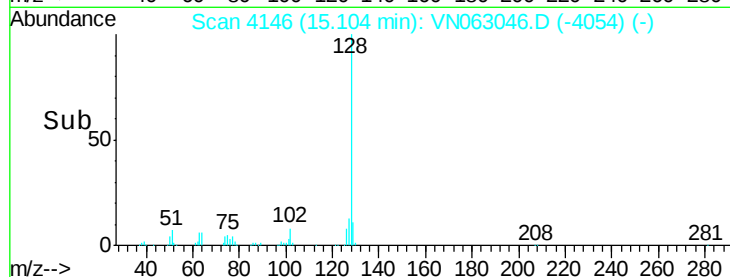
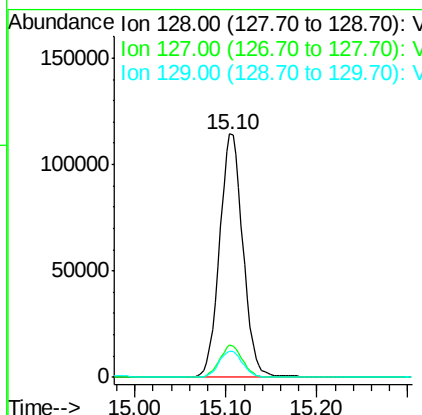
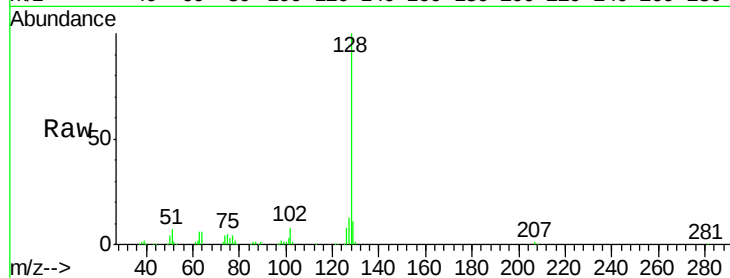
#95
Naphthalene
Concen: 42.855 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	204231		
127	13.0		10.6	16.0
129	10.8		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/21/2020 9:20:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 44.543 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	91373		
182	94.3		47.3	141.9
145	30.4		15.6	46.7

