

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062126.D
 Acq On : 25 Jun 2020 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 10:34:10 AM

Quant Time: Jun 26 04:22:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	252748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197737	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	168121	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	7.55	113	143776	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.06	98	560211	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.37	95	190889	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	127495	44.627	ug/l	99
3) Chloromethane	2.03	50	157961	46.882	ug/l	99
4) Vinyl Chloride	2.16	62	199639	44.374	ug/l	99
5) Bromomethane	2.52	94	133400	45.878	ug/l	98
6) Chloroethane	2.66	64	138088	44.931	ug/l	99
7) Trichlorofluoromethane	2.98	101	253777	45.778	ug/l	99
8) Diethyl Ether	3.37	74	93052	48.070	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	130678	45.014	ug/l	98
10) Methyl Iodide	3.91	142	169700	51.905	ug/l	100
11) Tert butyl alcohol	4.74	59	119269	234.202	ug/l	100
12) 1,1-Dichloroethene	3.69	96	135236	46.598	ug/l	95
13) Acrolein	3.56	56	85534	171.551	ug/l	98
14) Allyl chloride	4.27	41	166361	42.103	ug/l	92
15) Acrylonitrile	4.93	53	321690	231.808	ug/l	100
16) Acetone	3.77	43	247255	221.628	ug/l	99
17) Carbon Disulfide	4.01	76	363244	43.704	ug/l	99
18) Methyl Acetate	4.28	43	130785	46.385	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	452991	48.847	ug/l	100
20) Methylene Chloride	4.50	84	155587	47.774	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	150139	45.412	ug/l	97
22) Diisopropyl ether	5.90	45	410320	45.608	ug/l	98
23) Vinyl Acetate	5.84	43	1689696	230.040	ug/l	99
24) 1,1-Dichloroethane	5.80	63	258725	44.659	ug/l	99
25) 2-Butanone	6.79	43	391742	225.960	ug/l	99
26) 2,2-Dichloropropane	6.78	77	202031	41.849	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	171661	46.142	ug/l	95
28) Bromochloromethane	7.15	49	109756	43.665	ug/l	93
29) Tetrahydrofuran	7.17	42	268420	236.360	ug/l	99
30) Chloroform	7.33	83	266836	45.271	ug/l	99
31) Cyclohexane	7.61	56	213669	43.603	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	233763	47.028	ug/l	99
36) 1,1-Dichloropropene	7.75	75	199183	44.702	ug/l	99
37) Ethyl Acetate	6.88	43	166128	45.025	ug/l	99
38) Carbon Tetrachloride	7.73	117	199394	47.465	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	226255	46.343	ug/l	98
40) Benzene	8.00	78	611223	45.005	ug/l	99
41) Methacrylonitrile	7.13	41	81508	47.650	ug/l	94
42) 1,2-Dichloroethane	8.08	62	204611	44.591	ug/l	100
43) Isopropyl Acetate	8.13	43	283295	47.100	ug/l #	90
44) Trichloroethene	8.80	130	164724	48.082	ug/l	99
45) 1,2-Dichloropropane	9.08	63	155667	46.460	ug/l	100
46) Dibromomethane	9.17	93	104309	45.917	ug/l	96
47) Bromodichloromethane	9.37	83	215892	47.068	ug/l	97
48) Methyl methacrylate	9.17	41	127512	47.282	ug/l	99
49) 1,4-Dioxane	9.17	88	59109	988.346	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	849291	241.676	ug/l	99
52) Toluene	10.12	92	395604	47.740	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	235346	46.637	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	257673	47.961	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	157393	48.319	ug/l	98
56) Ethyl methacrylate	10.40	69	223207	51.346	ug/l	96
57) 1,3-Dichloropropane	10.68	76	264345	47.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	432656	234.813	ug/l	98
59) 2-Hexanone	10.72	43	624309	246.026	ug/l	98
60) Dibromochloromethane	10.87	129	169935	49.276	ug/l	99
61) 1,2-Dibromoethane	10.98	107	162726	48.618	ug/l	99
64) Tetrachloroethene	10.60	164	132298	47.824	ug/l	98
65) Chlorobenzene	11.41	112	424720	47.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	153791	50.009	ug/l	99
67) Ethyl Benzene	11.48	91	747492	49.767	ug/l	99
68) m/p-Xylenes	11.59	106	582804	100.320	ug/l	100
69) o-Xylene	11.92	106	281530	51.362	ug/l	98
70) Styrene	11.94	104	471648	51.595	ug/l	99
71) Bromoform	12.10	173	114189	52.225	ug/l #	98
73) Isopropylbenzene	12.22	105	734387	47.979	ug/l	99
74) N-amyl acetate	12.05	43	242561	43.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	228236	44.808	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	189413m	40.691	ug/l	
77) Bromobenzene	12.50	156	179265	47.174	ug/l	96
78) n-propylbenzene	12.57	91	832137	47.528	ug/l	99
79) 2-Chlorotoluene	12.65	91	487826	46.088	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	610528	49.204	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	73832	46.321	ug/l	98
82) 4-Chlorotoluene	12.75	91	506804	46.302	ug/l	100
83) tert-Butylbenzene	12.97	119	519094	48.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	610812	49.288	ug/l	100
85) sec-Butylbenzene	13.15	105	682307	48.626	ug/l	99
86) p-Isopropyltoluene	13.26	119	606256	49.315	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	320863	48.084	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	317048	46.092	ug/l	99
89) n-Butylbenzene	13.59	91	493917	48.326	ug/l	99
90) Hexachloroethane	13.85	117	113491	47.053	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	314213	48.559	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	39484	48.389	ug/l	96

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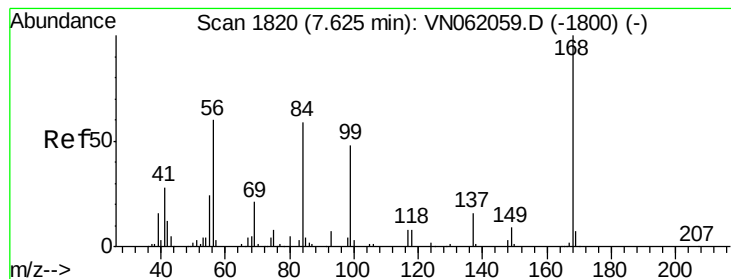
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	145362	51.423	ug/l	98
94) Hexachlorobutadiene	14.98	225	57250	46.630	ug/l	97
95) Naphthalene	15.10	128	426208	45.602	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	146469	50.674	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 252748

Ion Ratio Lower Upper

168 100

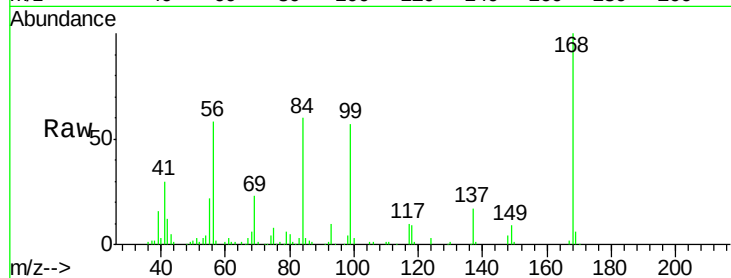
99 56.7 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

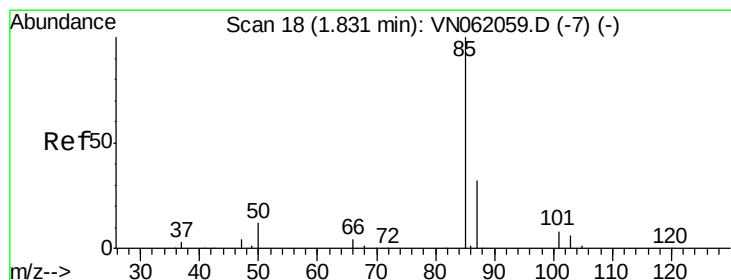
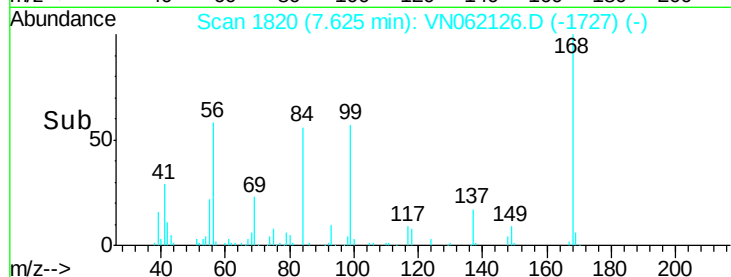
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.627 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062126.D

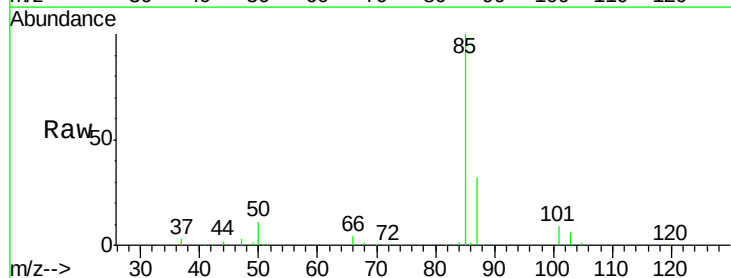
Acq: 25 Jun 2020 21:18

Tgt Ion: 85 Resp: 127495

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

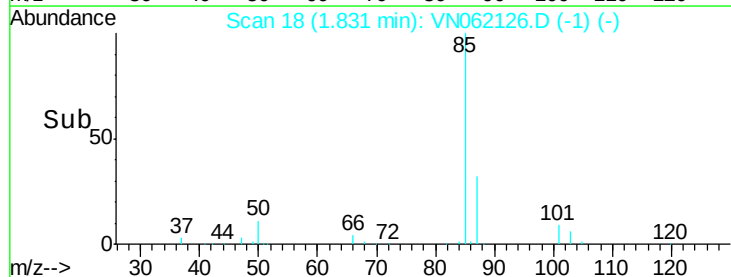
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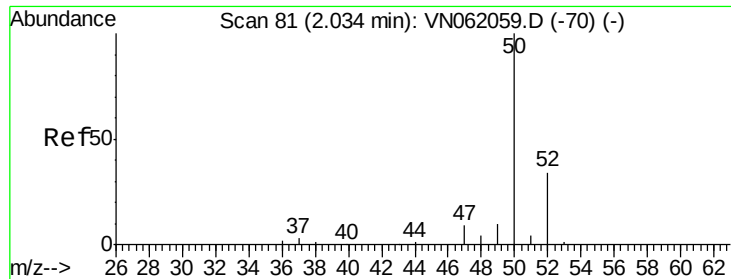
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 46.882 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 157961

Ion Ratio Lower Upper

50 100

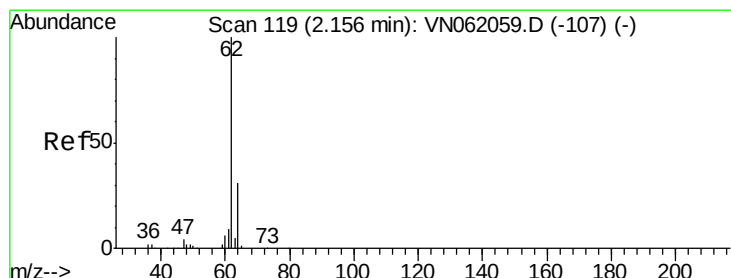
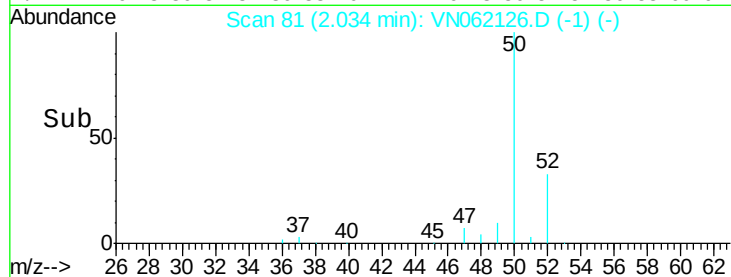
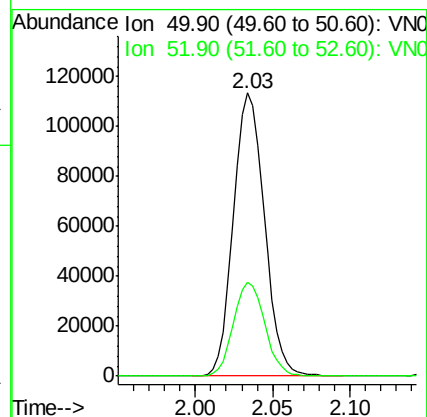
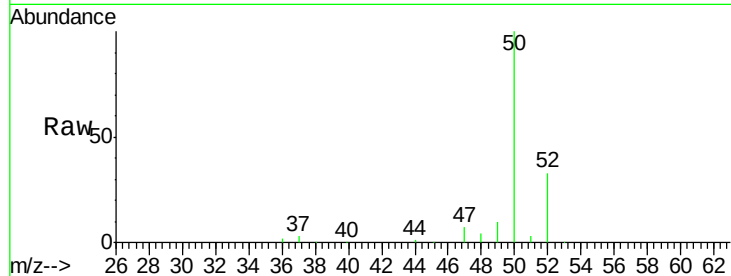
52 33.2 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.374 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062126.D

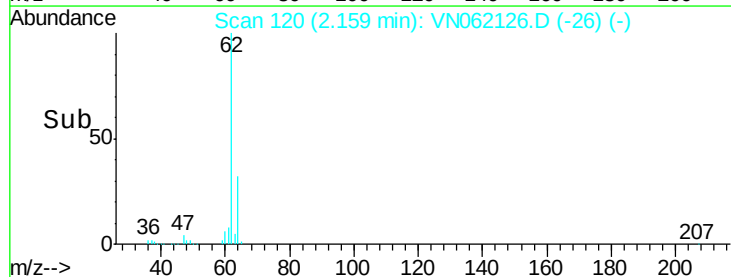
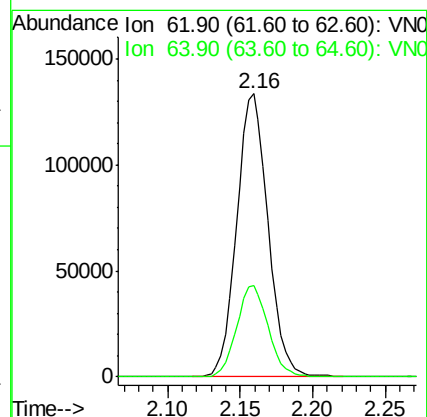
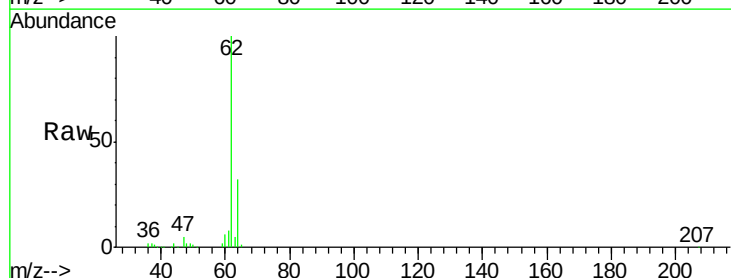
Acq: 25 Jun 2020 21:18

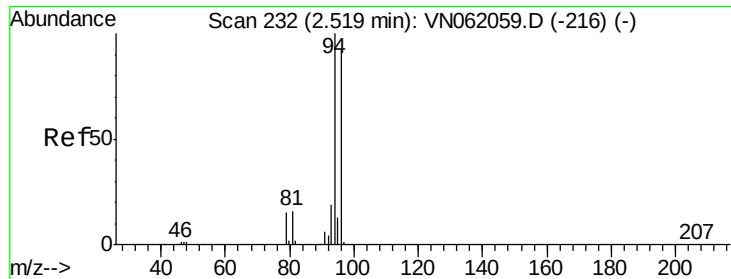
Tgt Ion: 62 Resp: 199639

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 45.878 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 133400

Ion Ratio Lower Upper

94 100

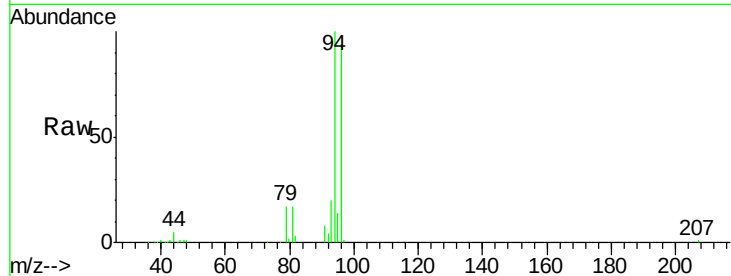
96 93.6 73.4 110.2

Manual Integrations

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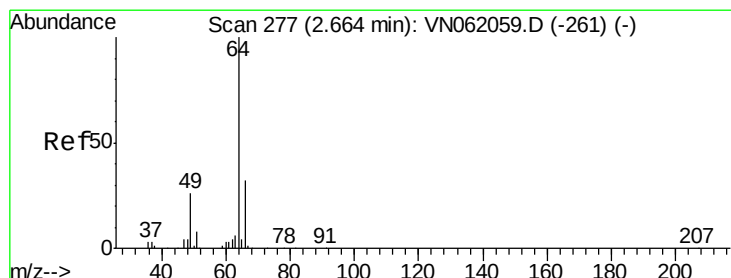
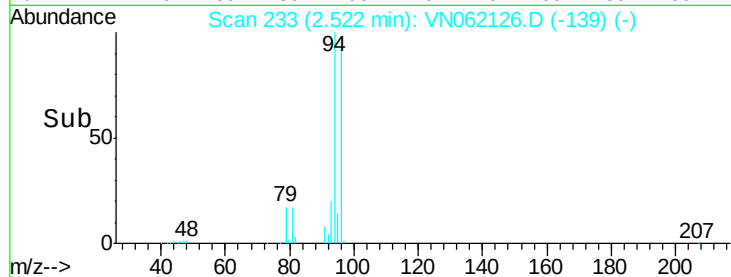
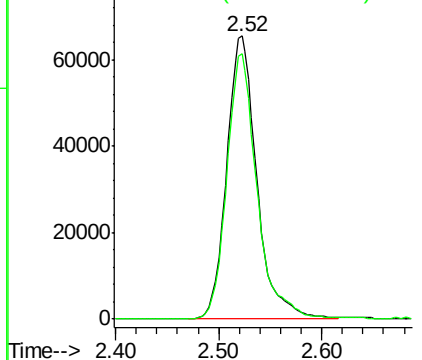
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6/26/2020 10:34:10 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.931 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062126.D

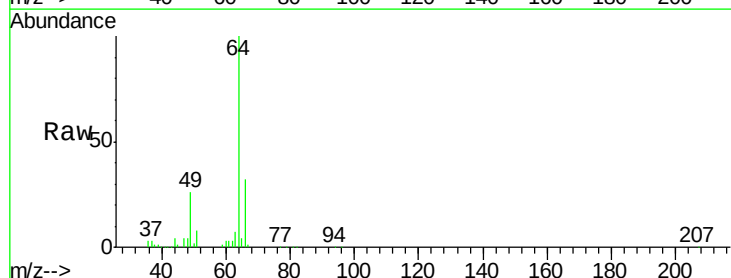
Acq: 25 Jun 2020 21:18

Tgt Ion: 64 Resp: 138088

Ion Ratio Lower Upper

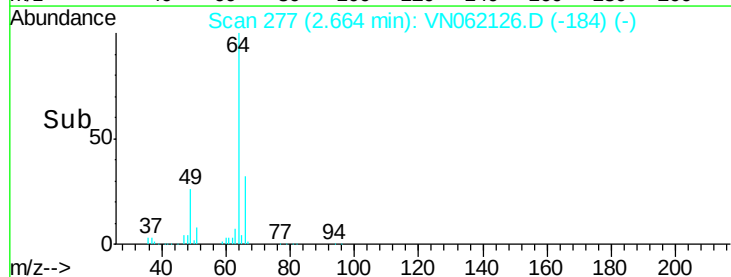
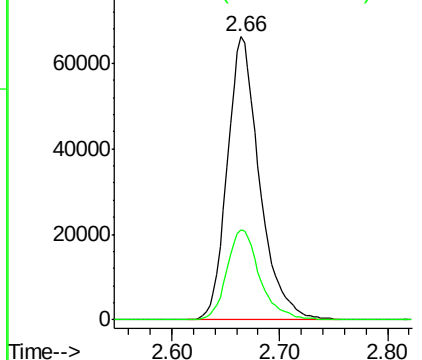
64 100

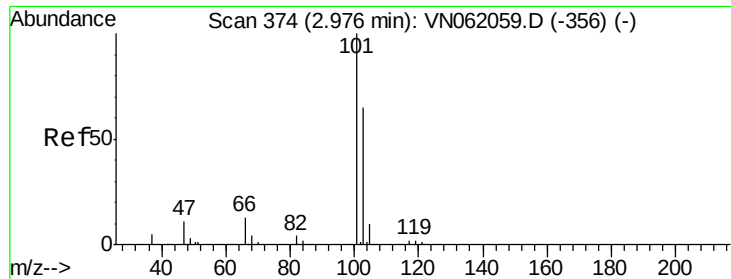
66 31.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

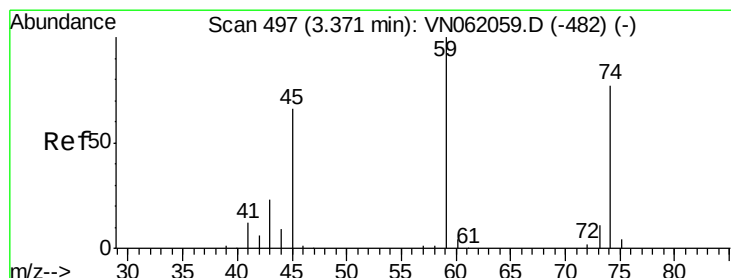
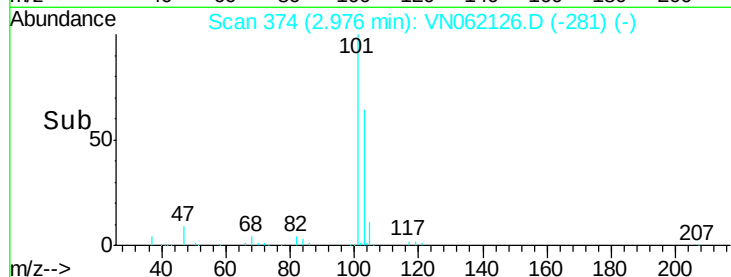
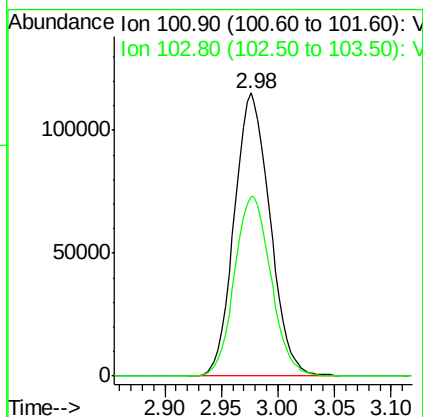
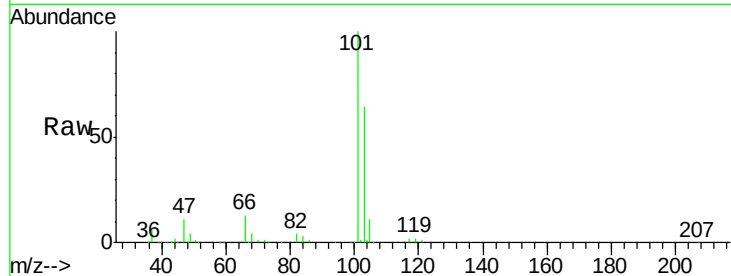
Trichlorofluoromethane
Concen: 45.778 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062126.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.8	77.6

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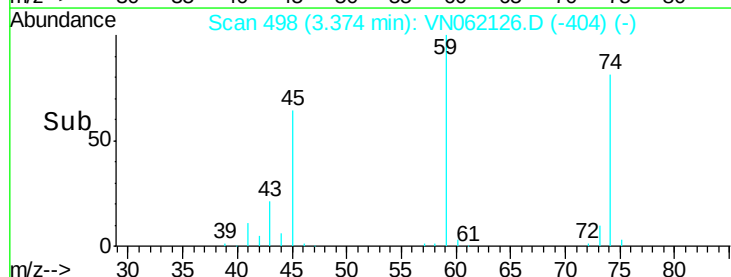
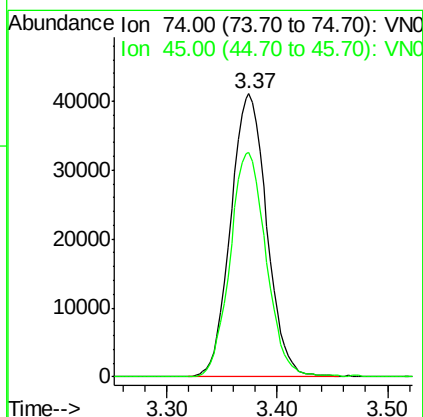
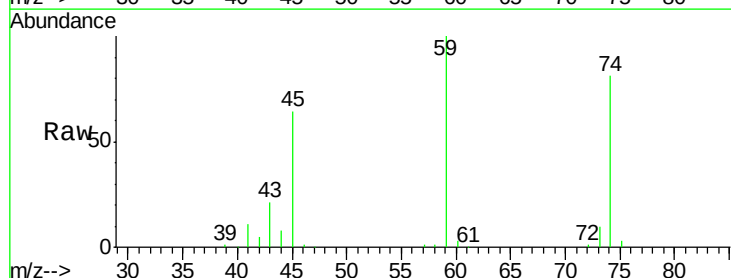
MMDadoda
6/26/2020 10:34:10 AM

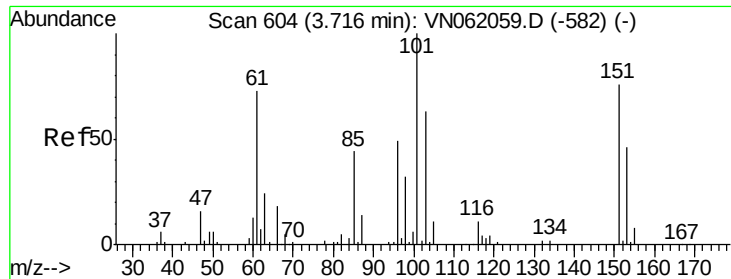


#8

Diethyl Ether
Concen: 48.070 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.2	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.014 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062126.D

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Instrument :

MSVOA_N

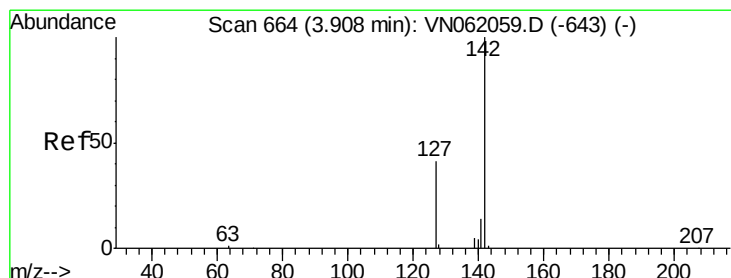
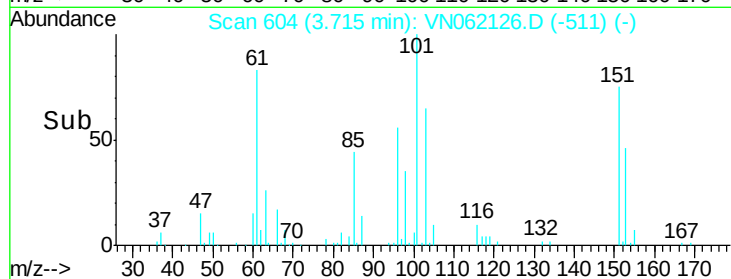
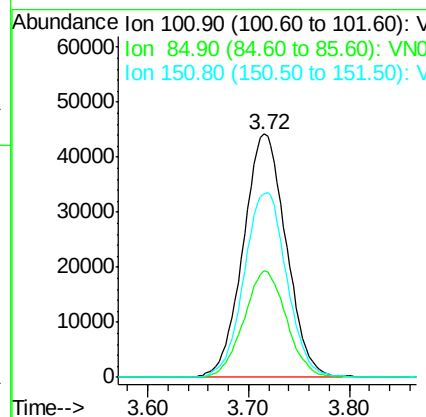
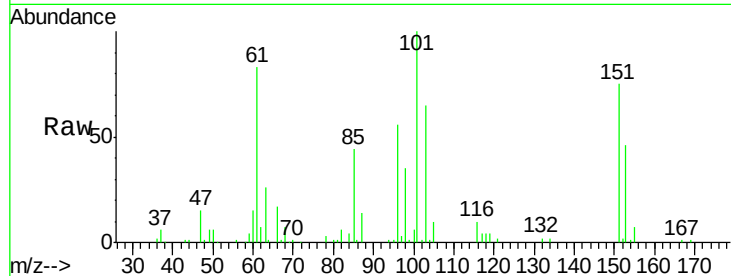
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	130678
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.5	51.7
151	75.4	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 51.905 ug/l

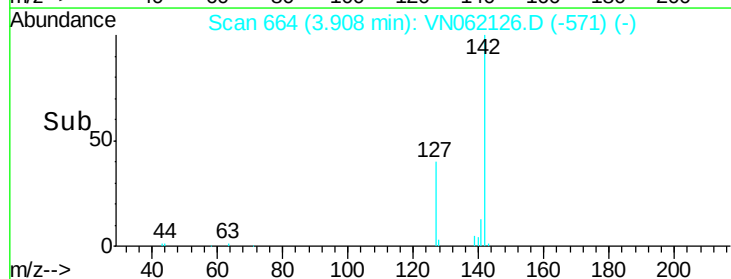
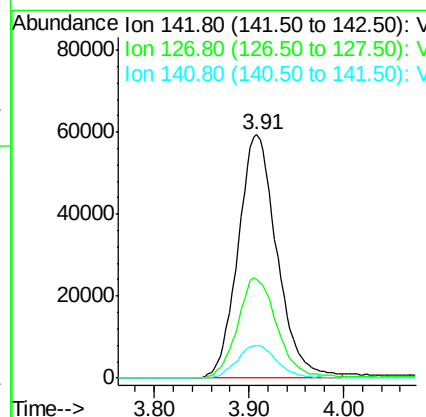
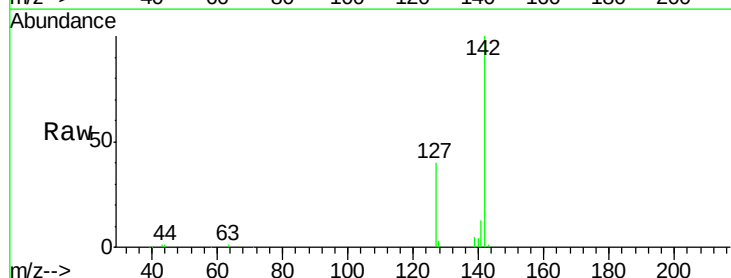
RT: 3.91 min Scan# 664

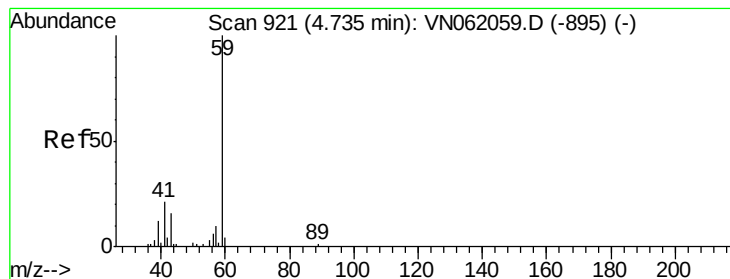
Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Tgt Ion:	142	Resp:	169700
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.6	50.4
141	13.7	11.3	16.9





#11

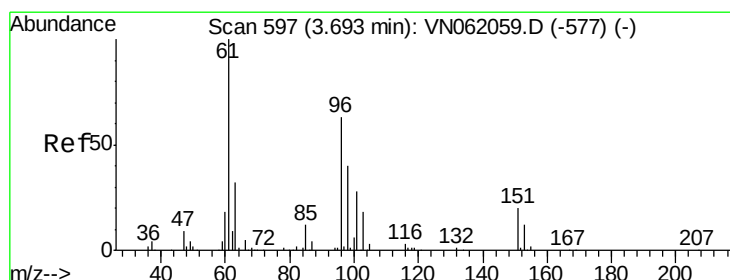
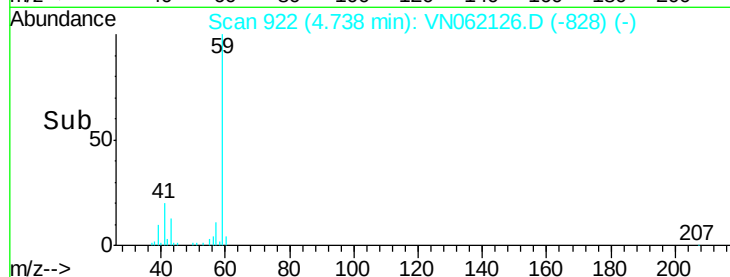
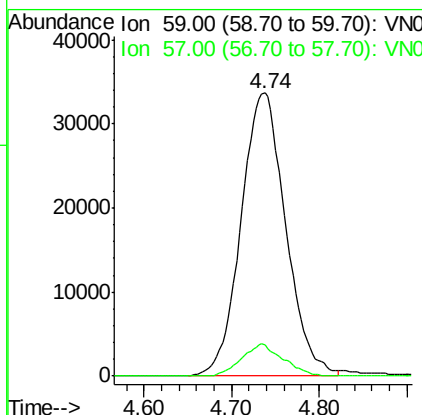
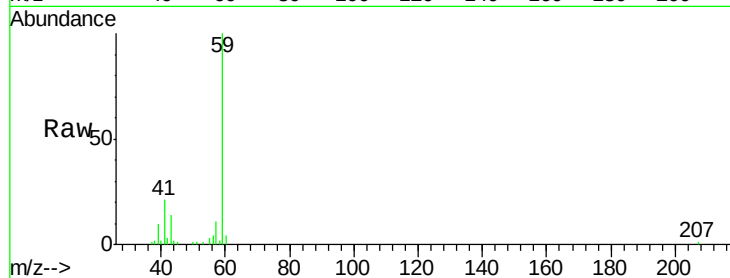
Tert butyl alcohol
 Concen: 234.202 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	119269		
57	10.4		8.3	12.5

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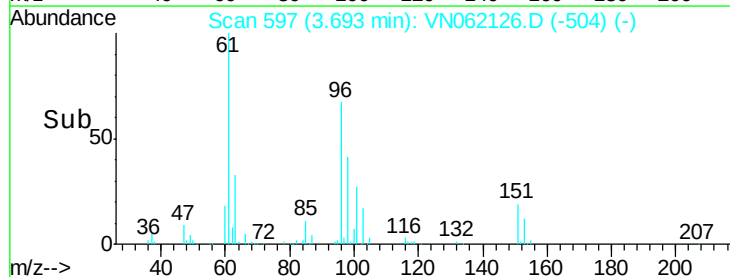
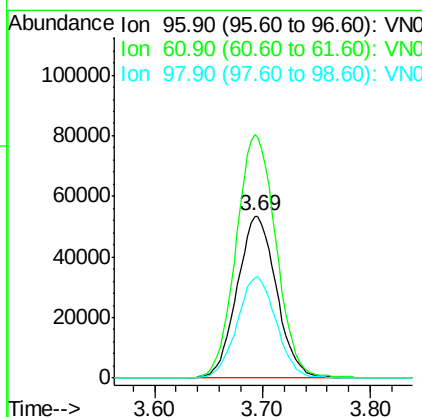
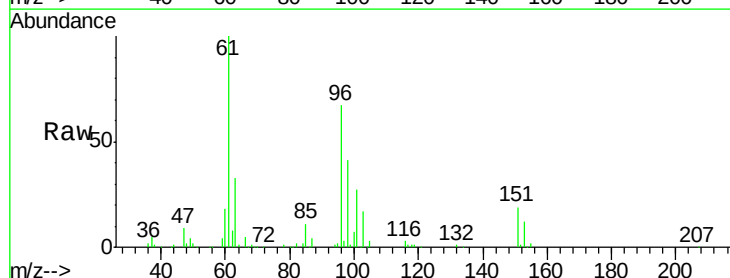
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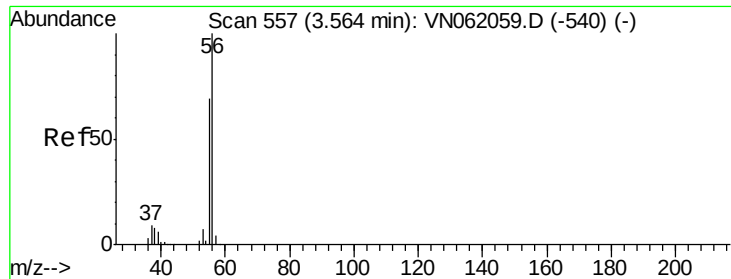


#12

1,1-Dichloroethene
 Concen: 46.598 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	135236		
61	150.1		126.7	190.1
98	62.1		51.0	76.4





#13

Acrolein

Concen: 171.551 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 85534

Ion Ratio Lower Upper

56 100

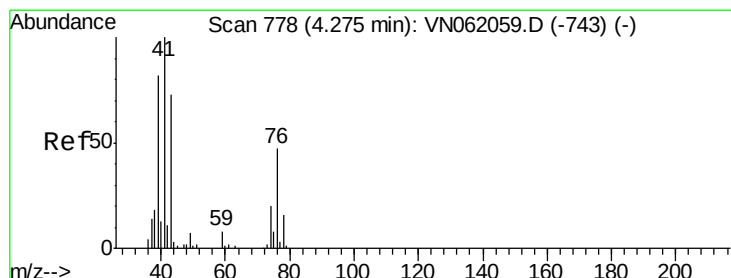
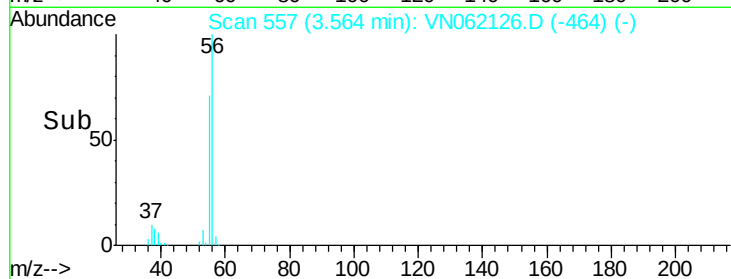
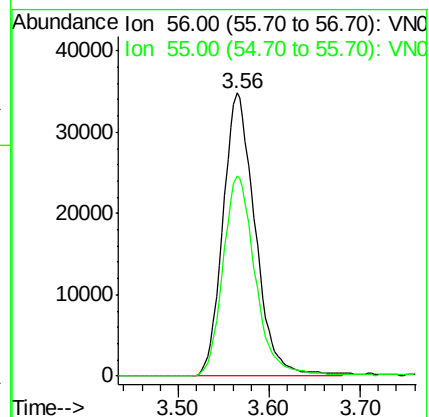
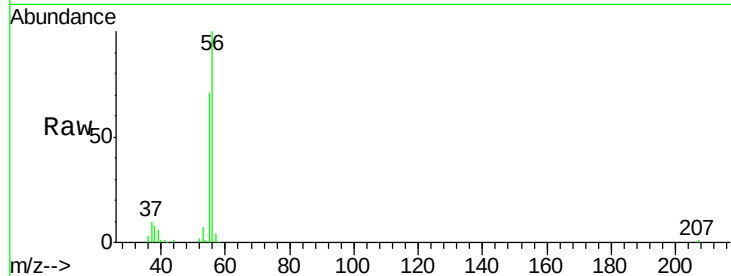
55 70.9 55.5 83.3

Manual Integrations

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6/26/2020 10:34:10 AM



#14

Allyl chloride

Concen: 42.103 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

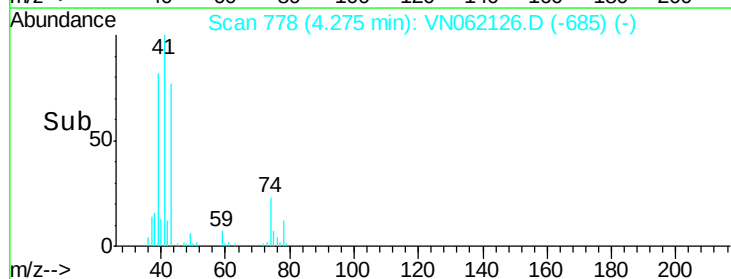
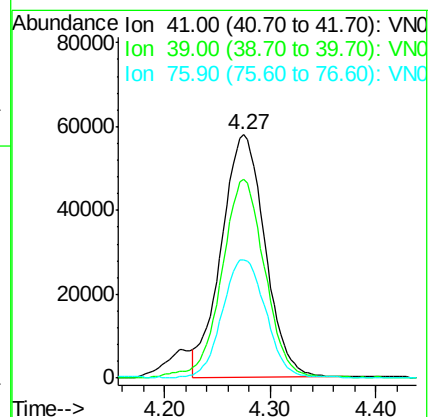
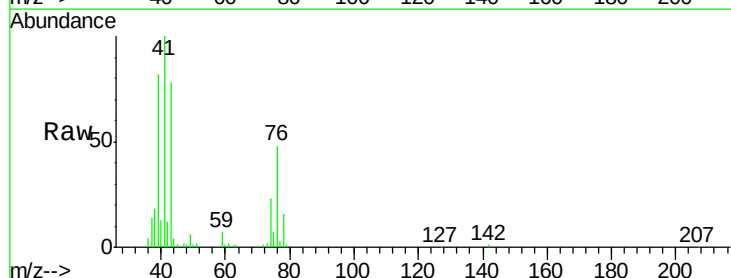
Tgt Ion: 41 Resp: 166361

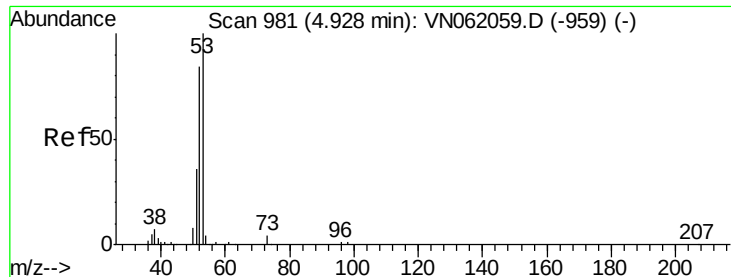
Ion Ratio Lower Upper

41 100

39 81.5 60.0 90.0

76 47.8 34.1 51.1





#15

Acrylonitrile

Concen: 231.808 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

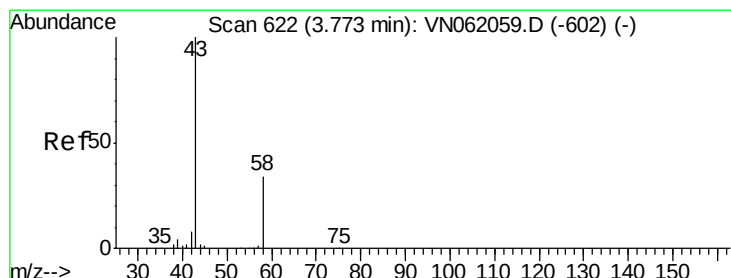
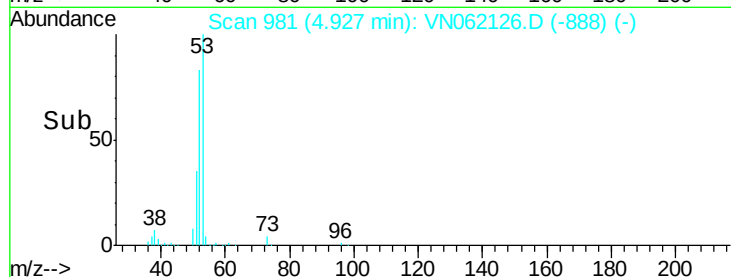
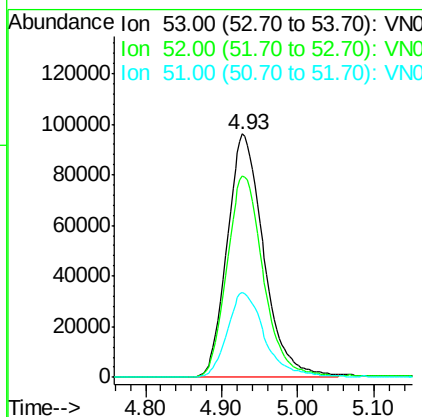
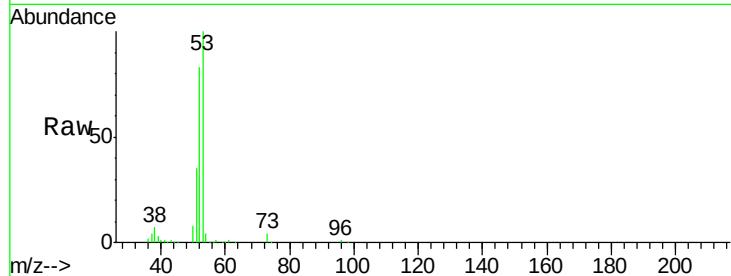
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	321690
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	35.9	28.9	43.3

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#16

Acetone

Concen: 221.628 ug/l

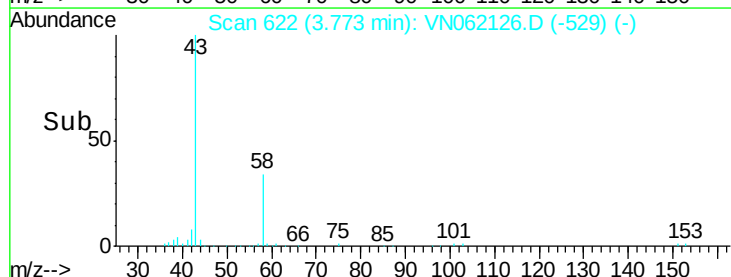
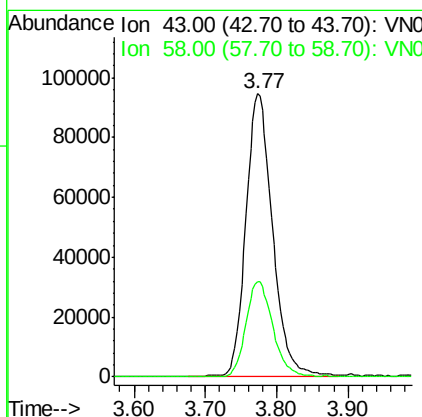
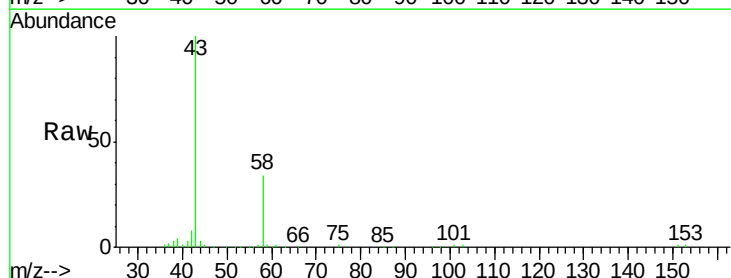
RT: 3.77 min Scan# 622

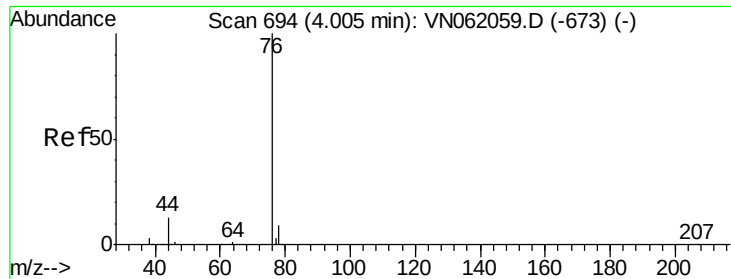
Delta R.T. 0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Tgt Ion:	43	Resp:	247255
Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.5	41.3





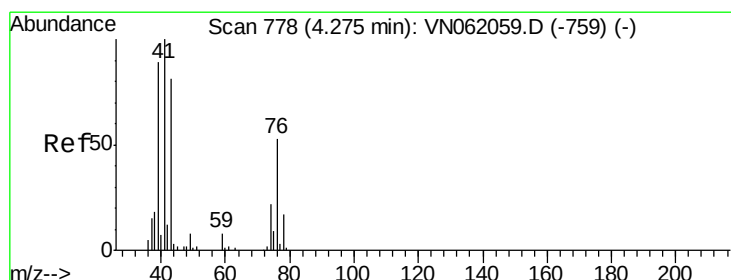
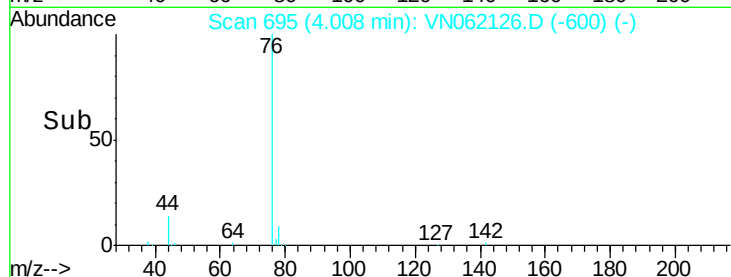
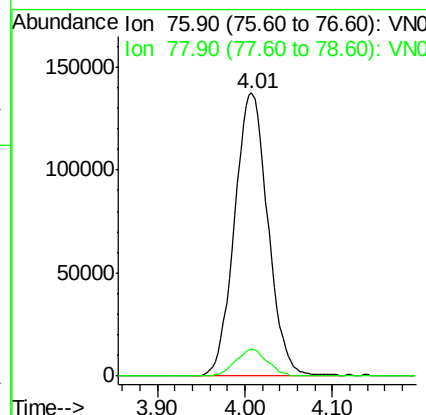
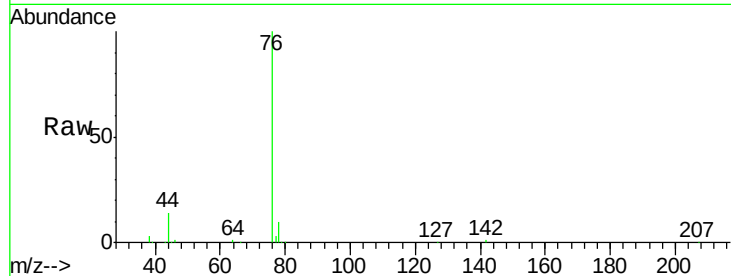
#17
Carbon Disulfide
Concen: 43.704 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

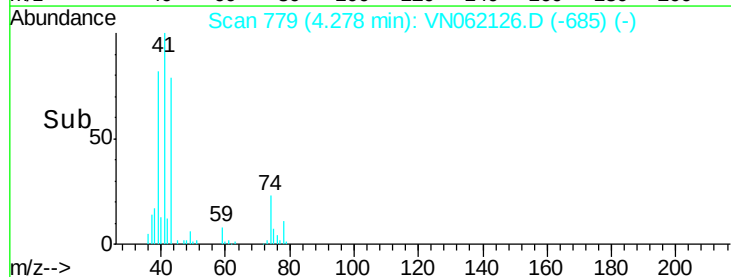
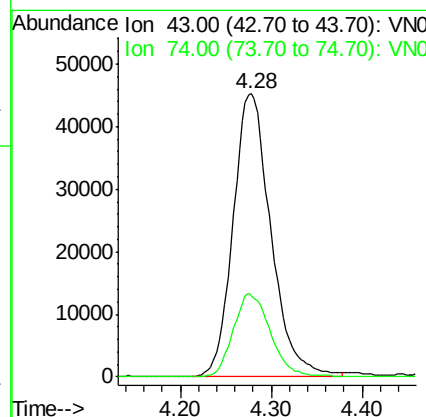
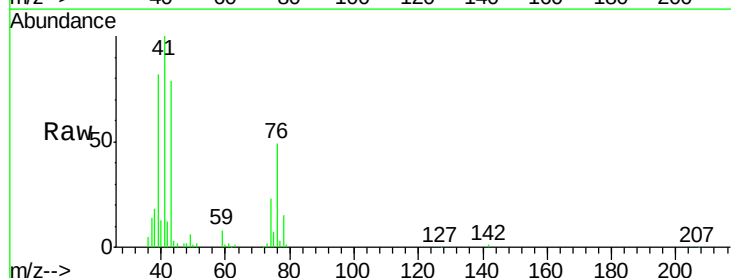
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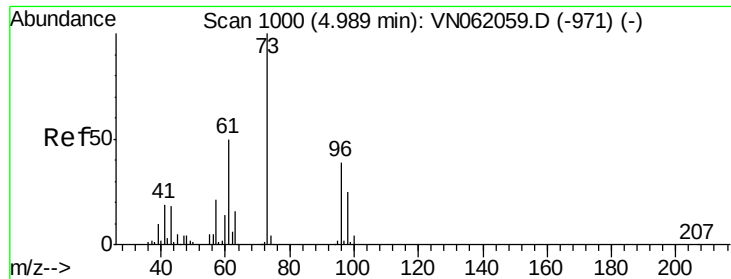
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6/26/2020 10:34:10 AM



#18
Methyl Acetate
Concen: 46.385 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.7	22.9	34.3





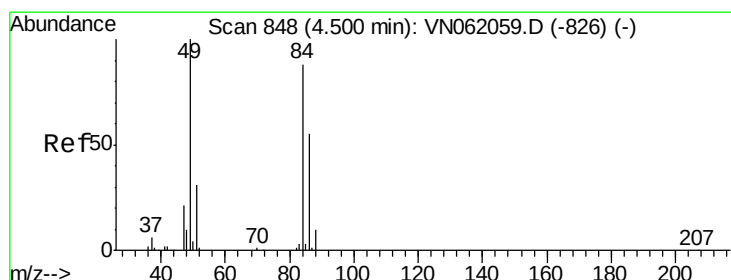
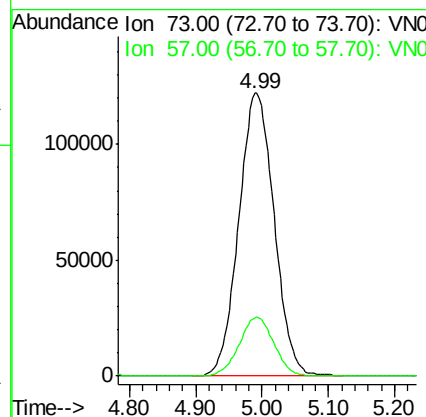
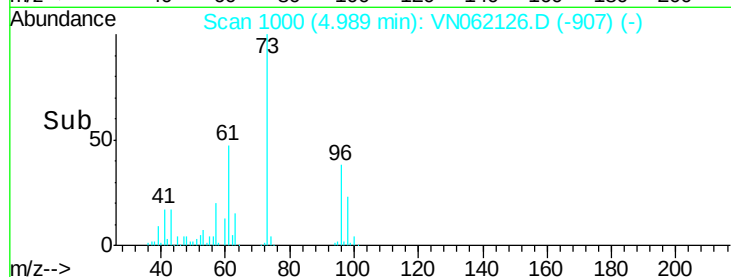
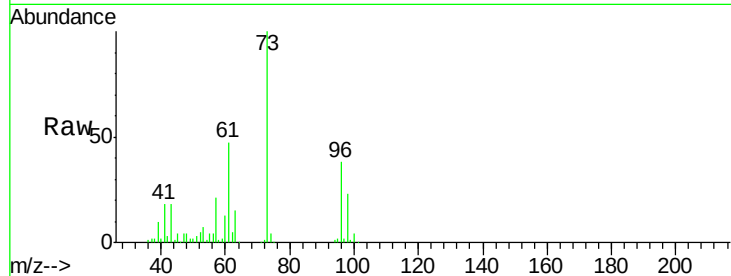
#19
Methvl tert-butyl Ether
Concen: 48.847 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.6	24.8

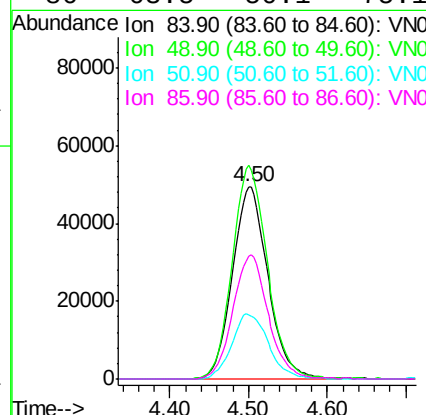
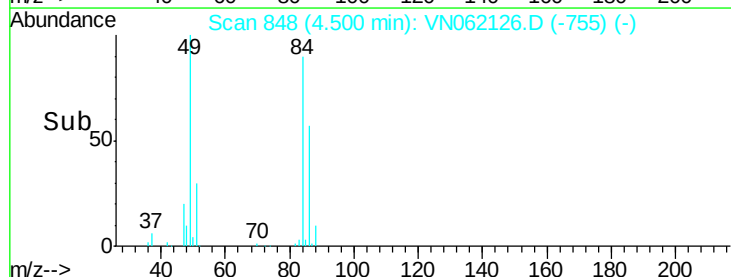
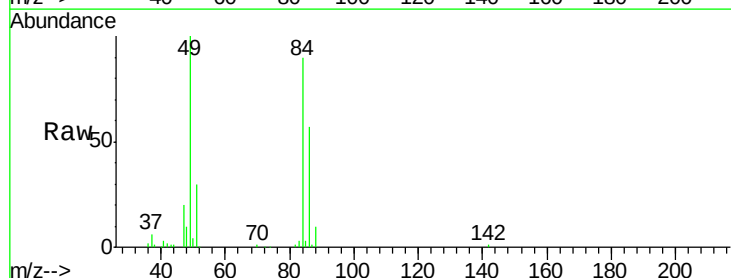
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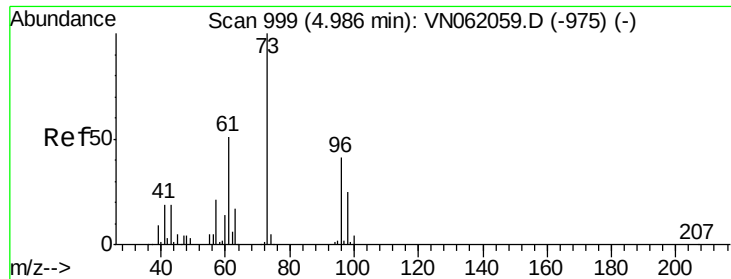
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6/26/2020 10:34:10 AM



#20
Methylene Chloride
Concen: 47.774 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.0	90.6	136.0
51	33.3	27.8	41.8
86	63.5	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 45.412 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

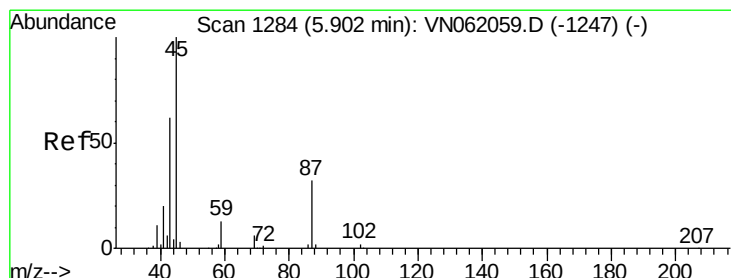
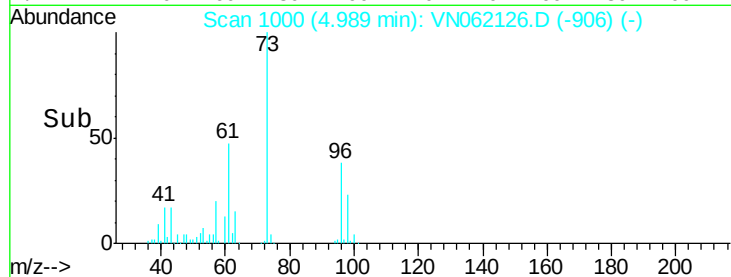
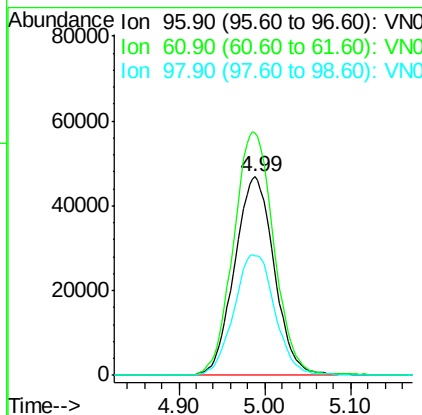
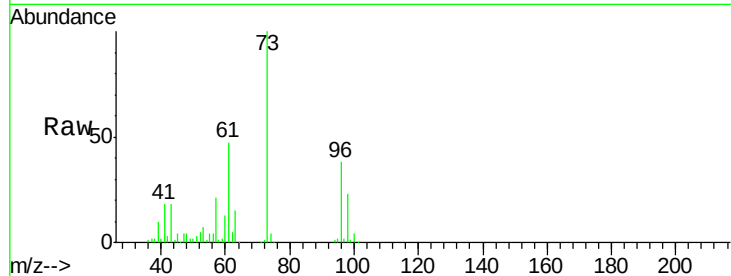
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	150139
Ion	Ratio	Lower	Upper
96	100		
61	122.4	101.4	152.2
98	60.3	49.3	73.9

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#22

Diisopropyl ether

Concen: 45.608 ug/l

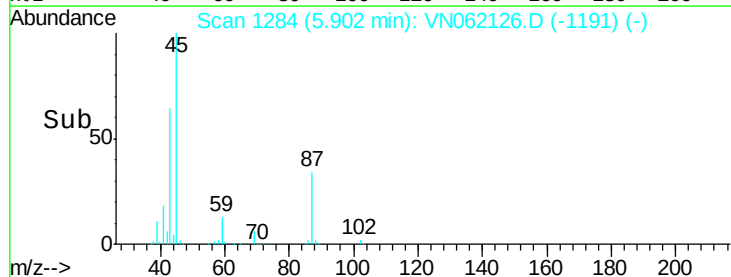
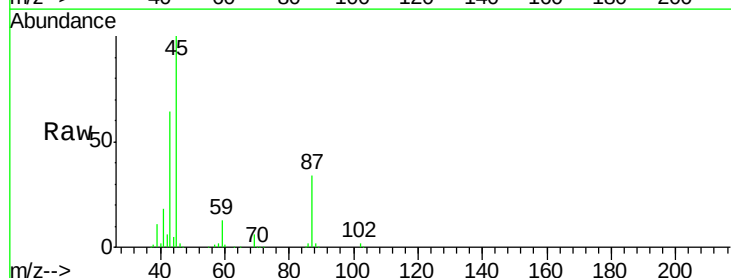
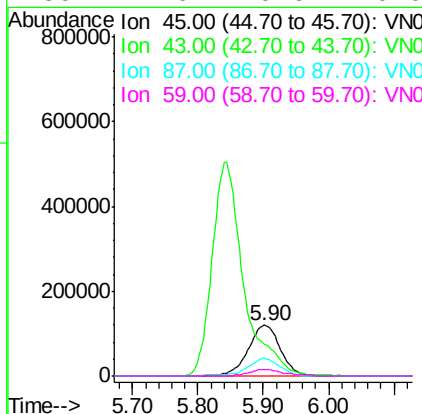
RT: 5.90 min Scan# 1284

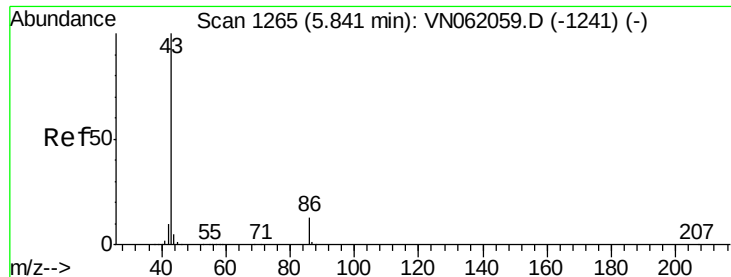
Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Tgt Ion:	45	Resp:	410320
Ion	Ratio	Lower	Upper
45	100		
43	62.6	49.7	74.5
87	34.3	25.9	38.9
59	12.6	10.6	16.0





#23

Vinyl Acetate

Concen: 230.040 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1689696

Ion Ratio Lower Upper

43 100

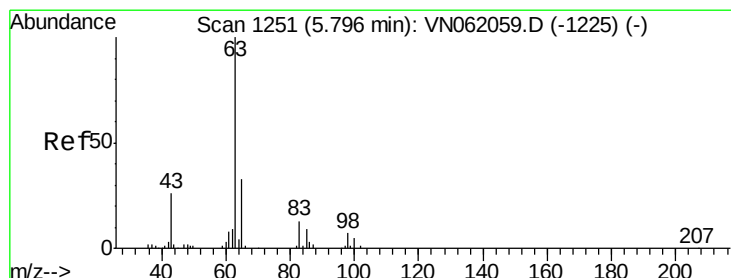
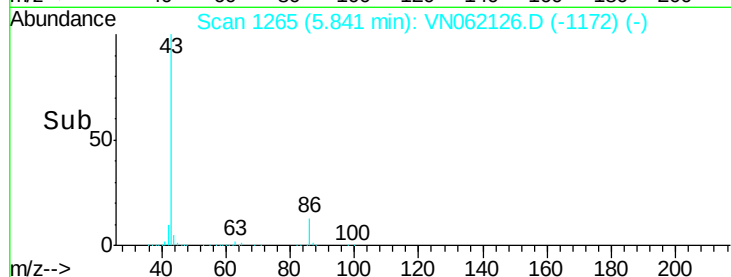
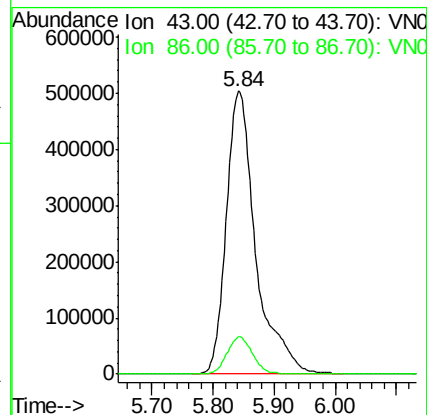
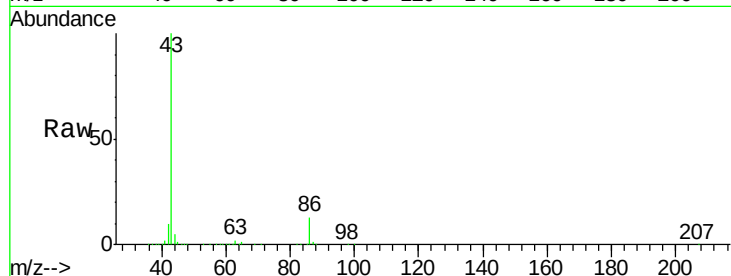
86 13.1 10.1 15.1

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6/26/2020 10:34:10 AM



#24

1,1-Dichloroethane

Concen: 44.659 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

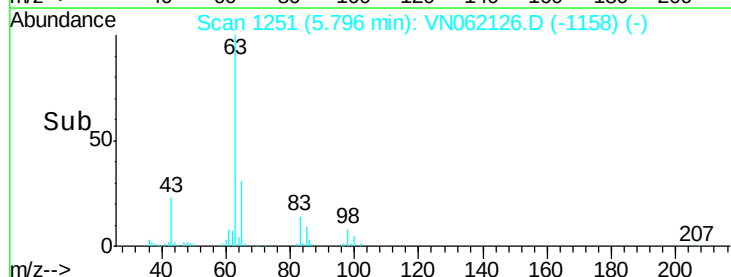
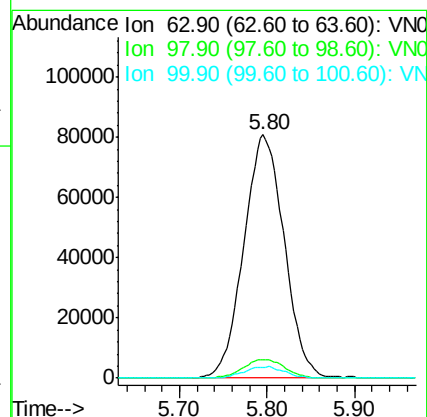
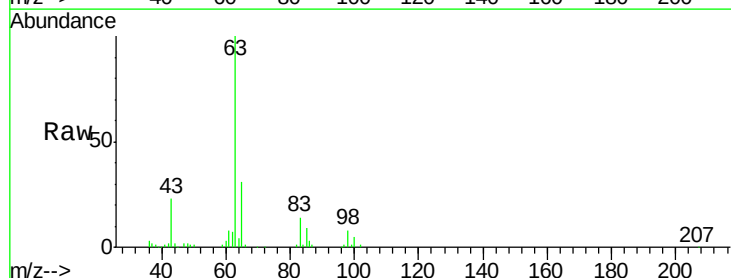
Tgt Ion: 63 Resp: 258725

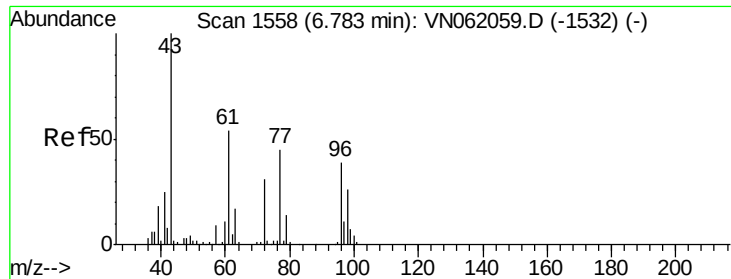
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.5 2.4 7.1





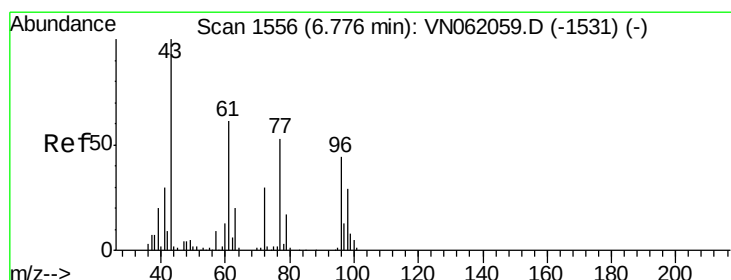
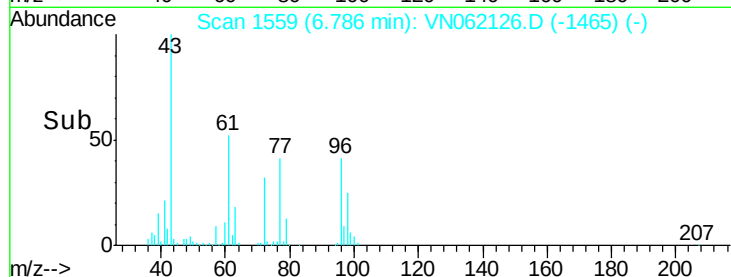
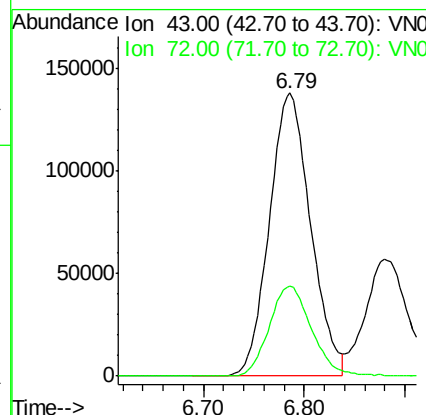
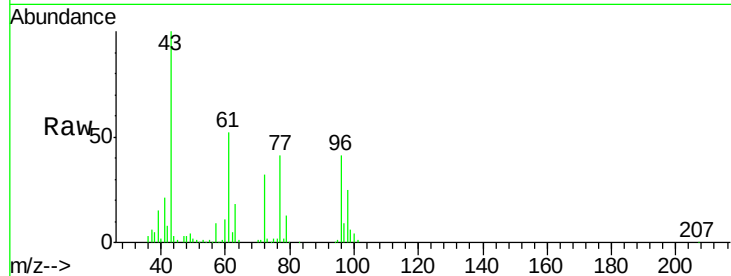
#25
 2-Butanone
 Concen: 225.960 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 391742
 Ion Ratio Lower Upper
 43 100
 72 31.8 24.8 37.2

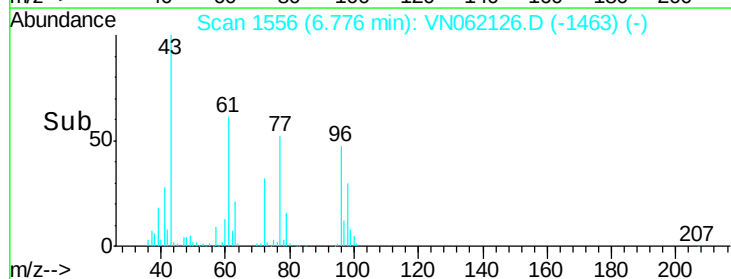
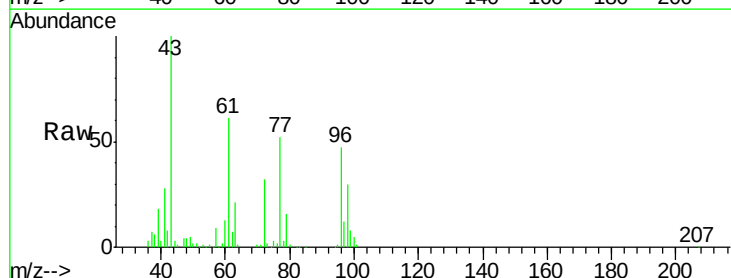
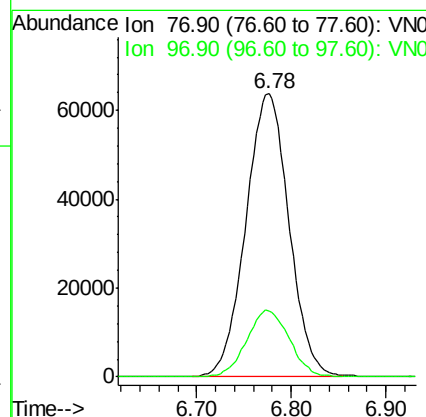
Manual Integrations
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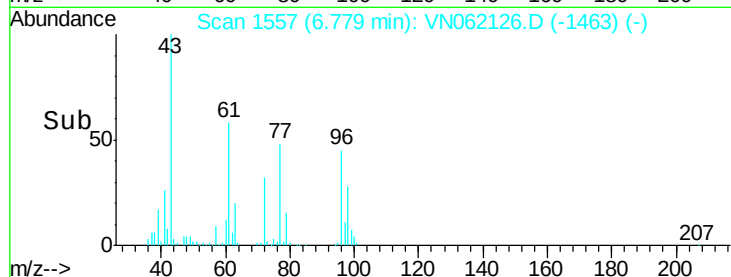
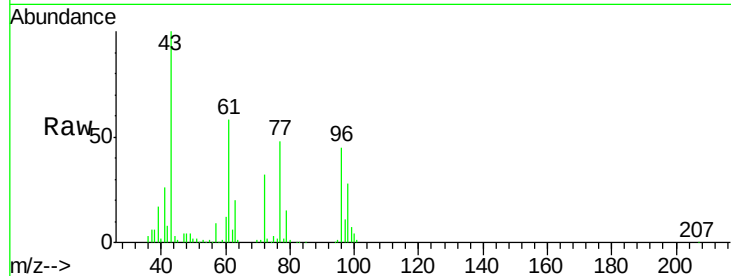
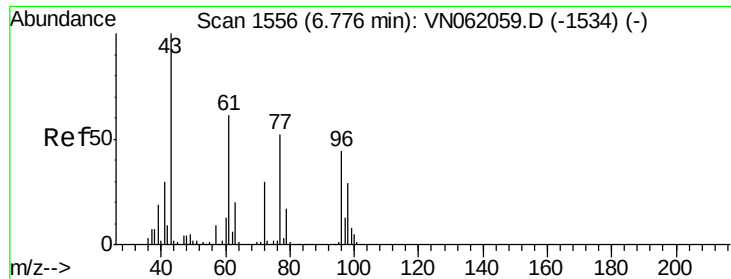
MMDadoda
 6/26/2020 10:34:10 AM



#26
 2,2-Dichloropropane
 Concen: 41.849 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion: 77 Resp: 202031
 Ion Ratio Lower Upper
 77 100
 97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 46.142 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062126.D

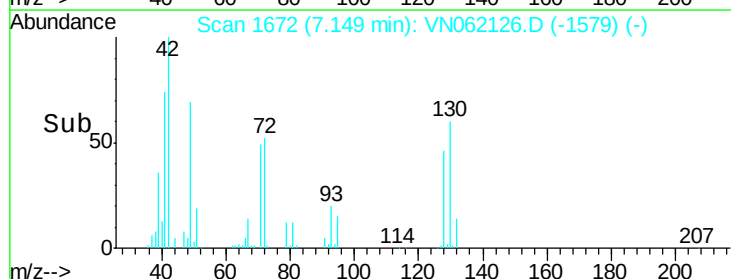
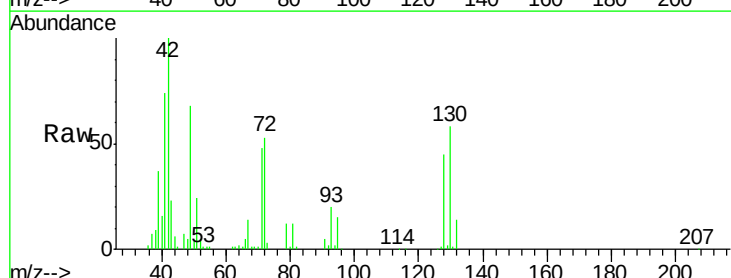
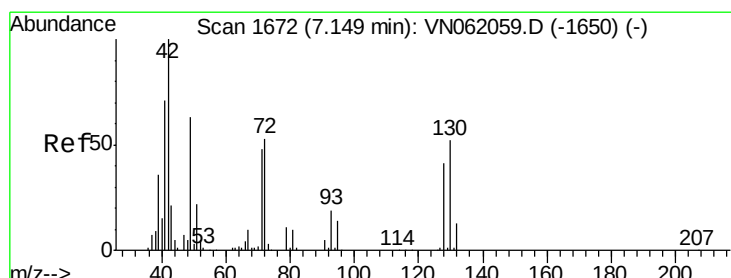
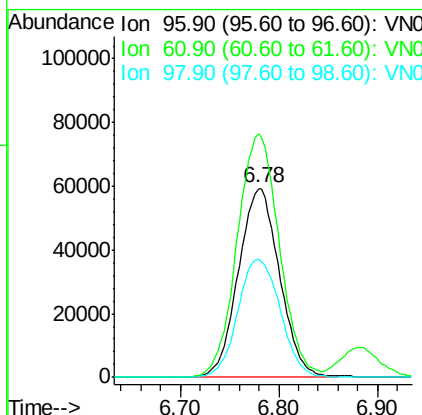
Acq: 25 Jun 2020 21:18

Tot Ion	Ratio	Resp	Lower	Upper
96	100	171661		
61	131.8	0.0	280.4	
98	64.4	0.0	129.4	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#28

Bromochloromethane

Concen: 43.665 ug/l

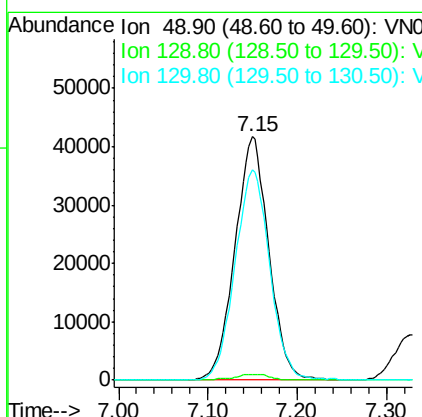
RT: 7.15 min Scan# 1672

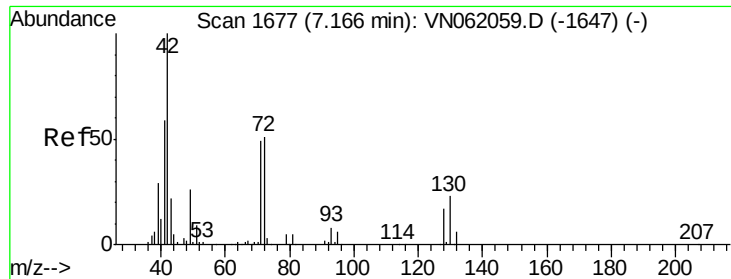
Delta R.T. 0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	109756		
129	2.3	0.0	4.4	
130	88.7	65.5	98.3	





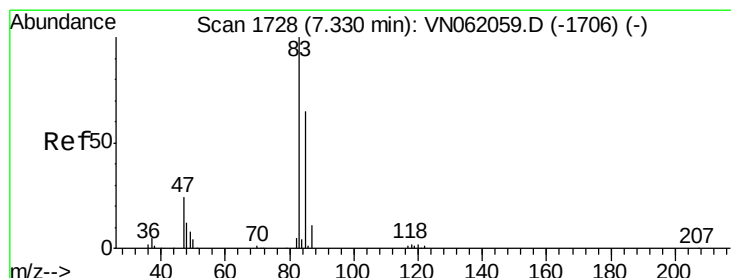
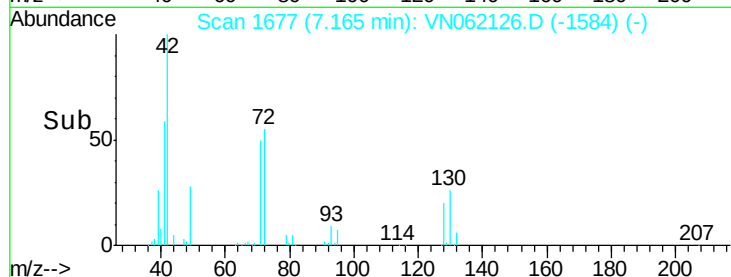
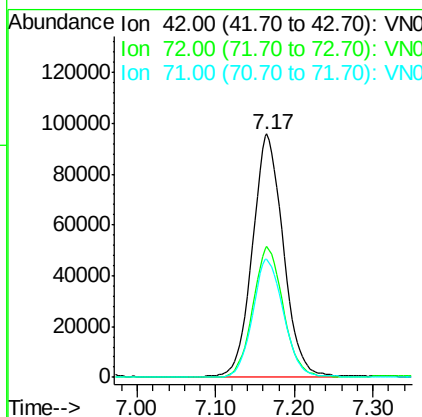
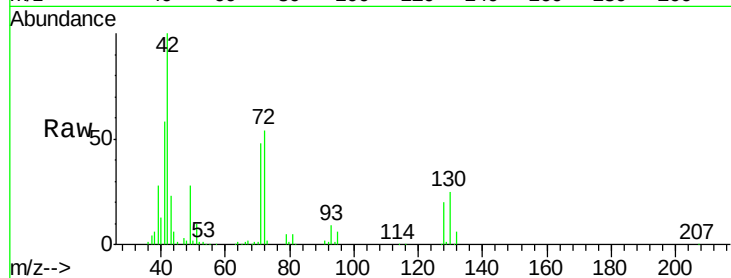
#29
Tetrahydrofuran
Concen: 236.360 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	41.1	61.7
71	48.3	38.2	57.4

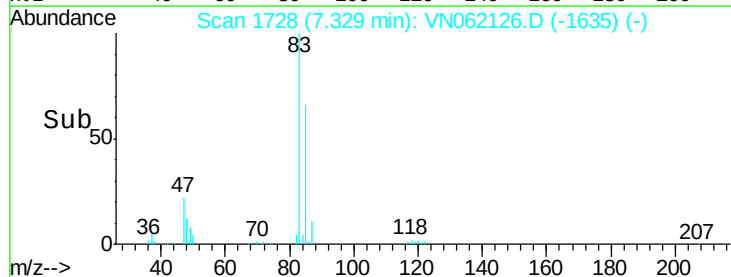
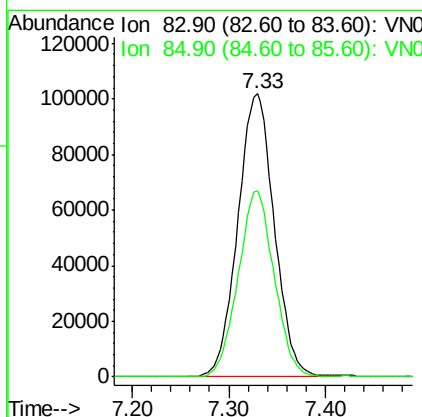
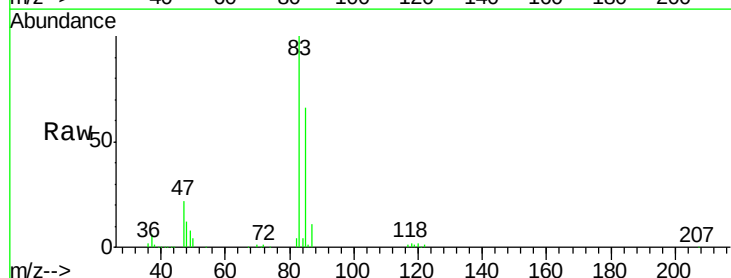
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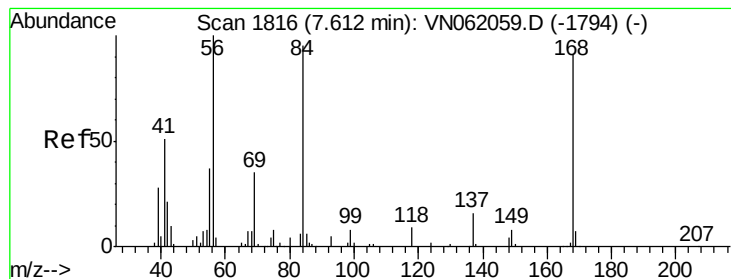
MMDadoda
6/26/2020 10:34:10 AM



#30
Chloroform
Concen: 45.271 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.3	78.5





#31

Cyclohexane

Concen: 43.603 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

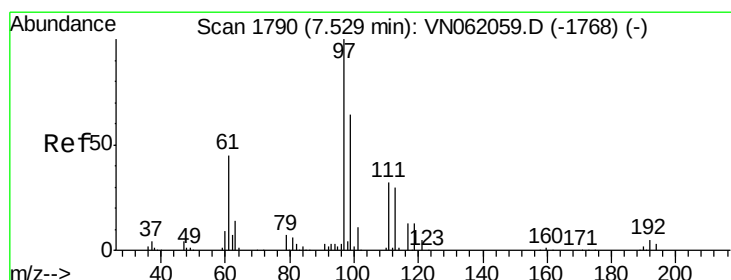
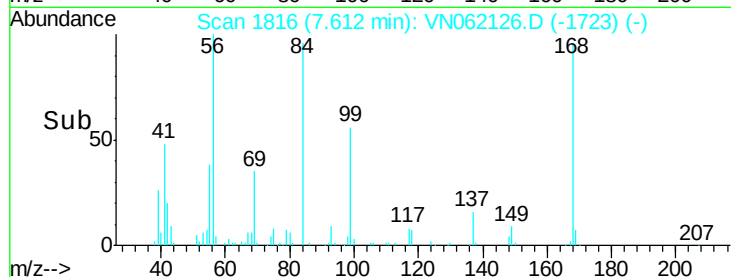
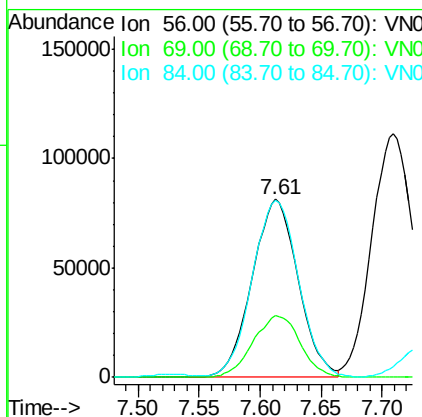
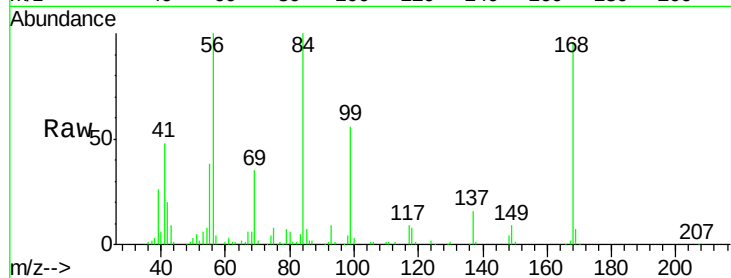
ClientSampleId :

VSTDCCC050EC

Tot Ion	56	Resp	213669
Ion	Ratio	Lower	Upper
56	100		
69	34.6	28.0	42.0
84	98.3	76.1	114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.028 ug/l

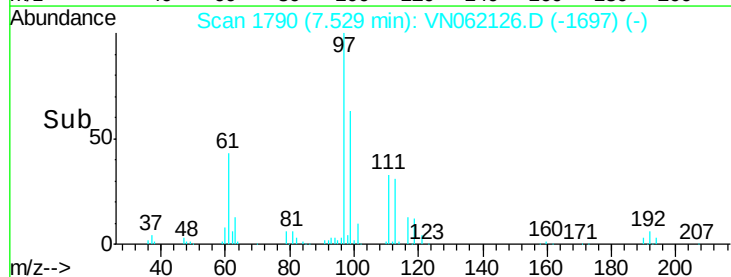
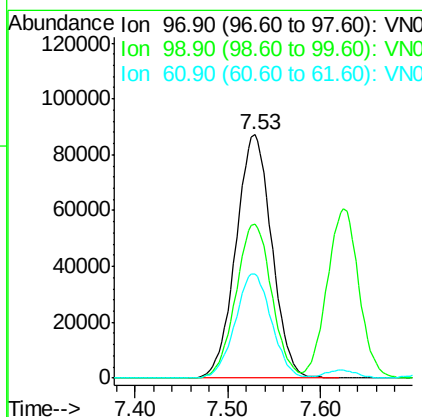
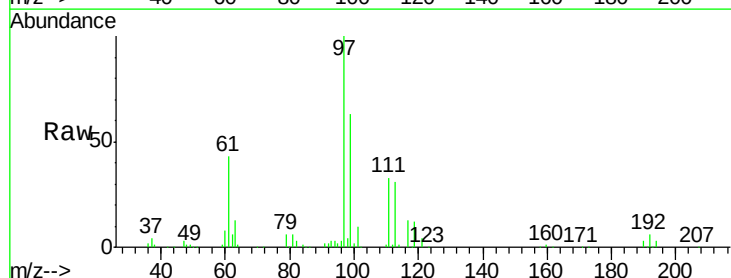
RT: 7.53 min Scan# 1790

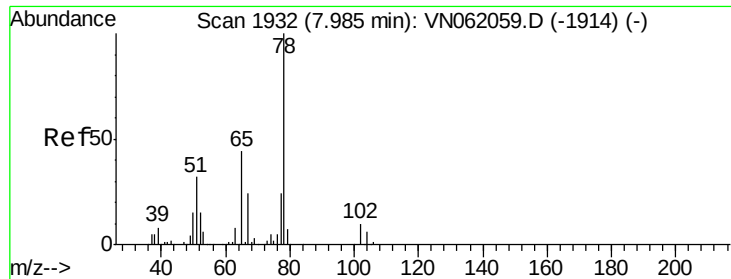
Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Tgt Ion	97	Resp	233763
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.4
61	43.4	36.2	54.2





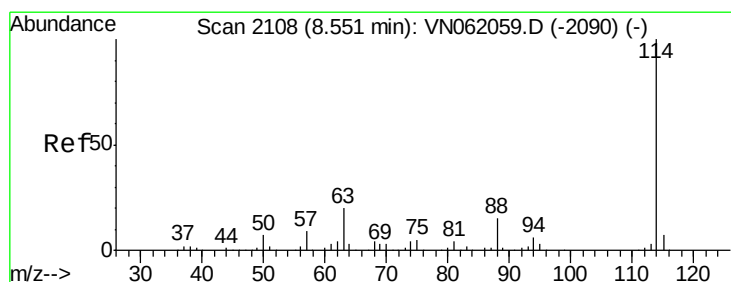
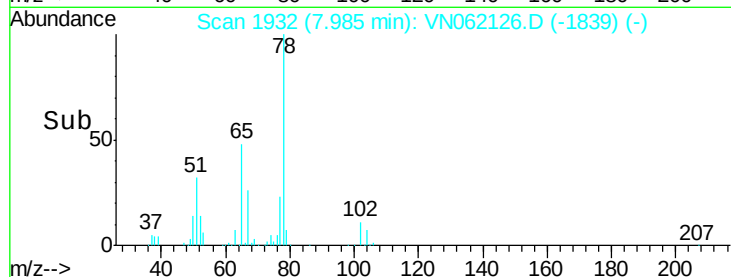
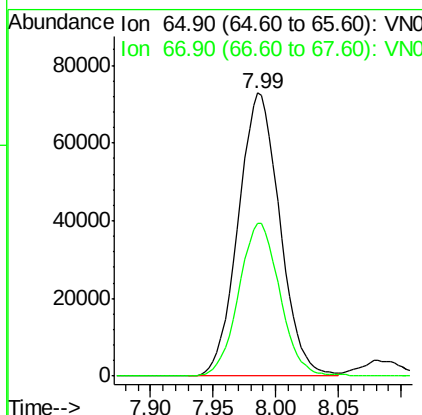
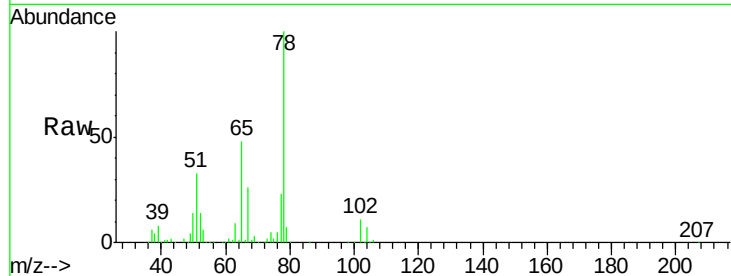
#33
 1,2-Dichloroethane-d4
 Concen: 47.399 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168121		
67	53.5	0.0	106.2	

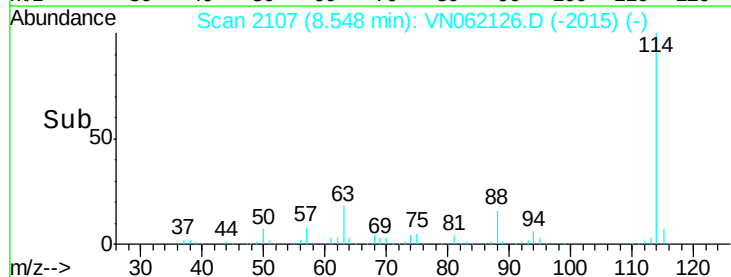
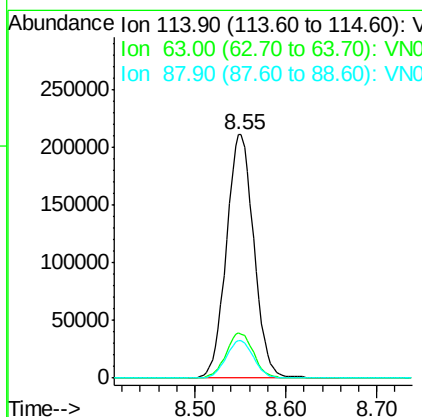
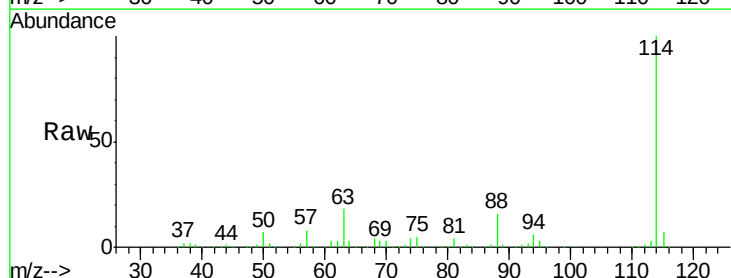
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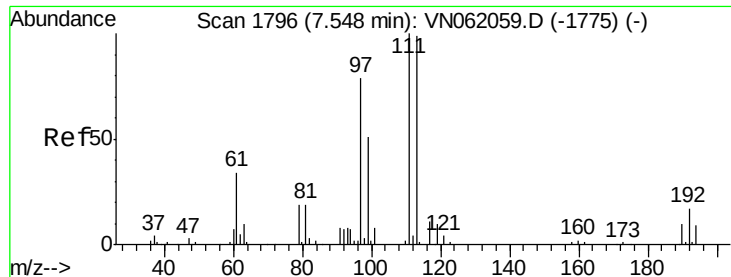
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	443300		
63	18.4	0.0	39.2	
88	15.6	0.0	30.8	





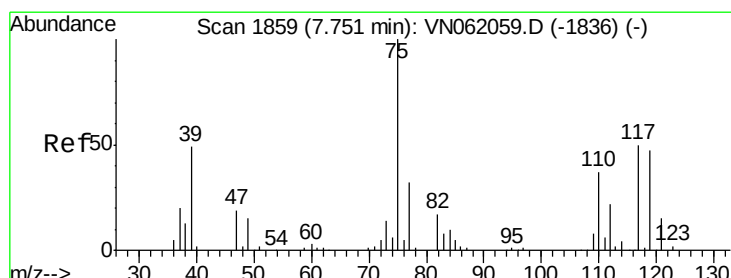
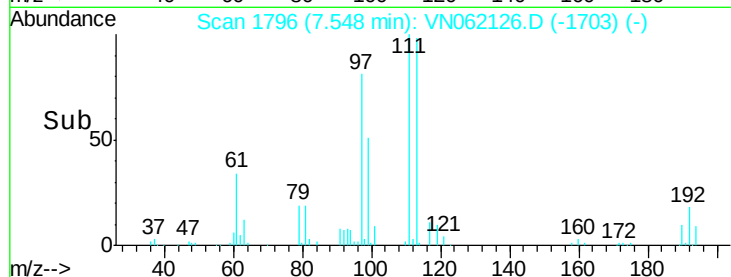
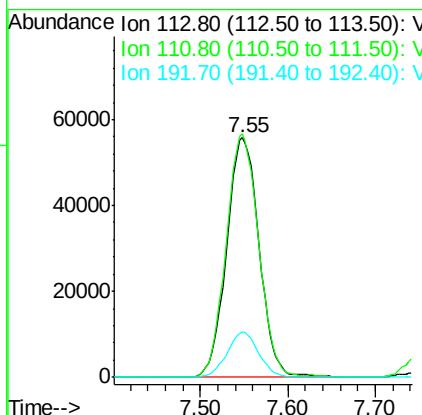
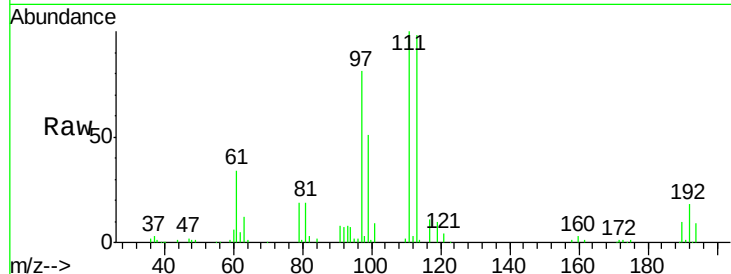
#35
 Dibromofluoromethane
 Concen: 50.554 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	143776		
111	101.2	82.2	123.4	
192	18.3	14.0	21.0	

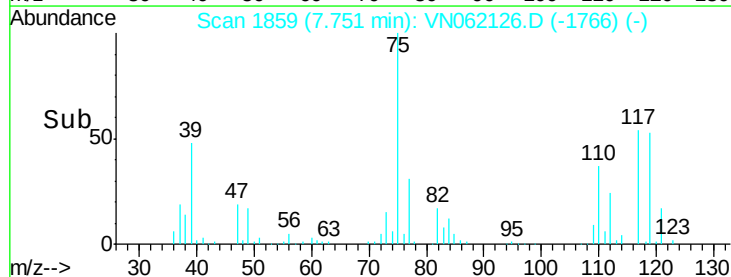
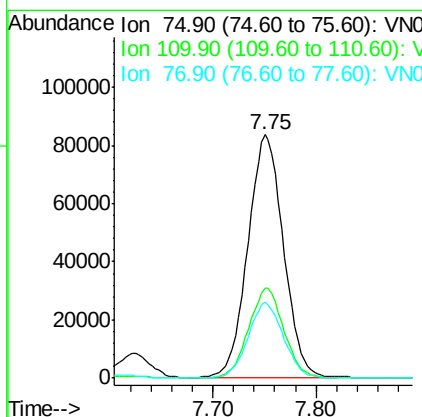
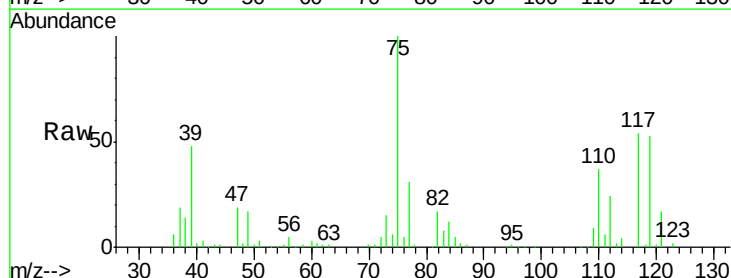
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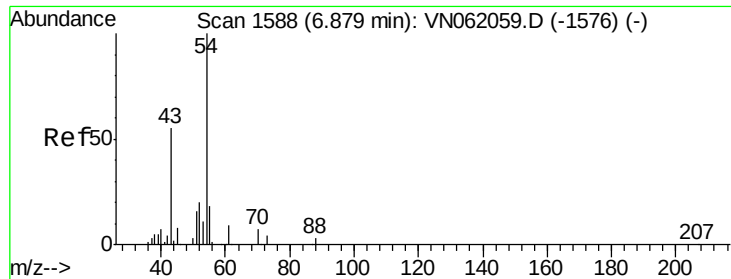
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#36
 1,1-Dichloropropene
 Concen: 44.702 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	199183		
110	36.7	17.9	53.8	
77	31.2	24.9	37.3	





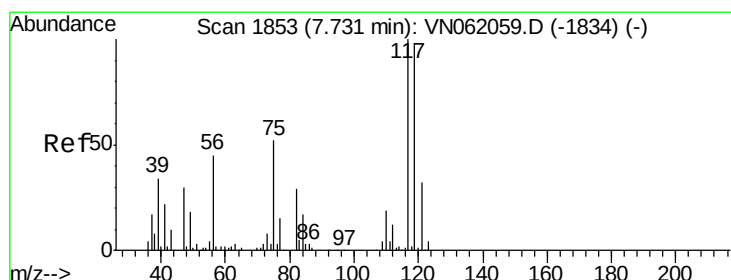
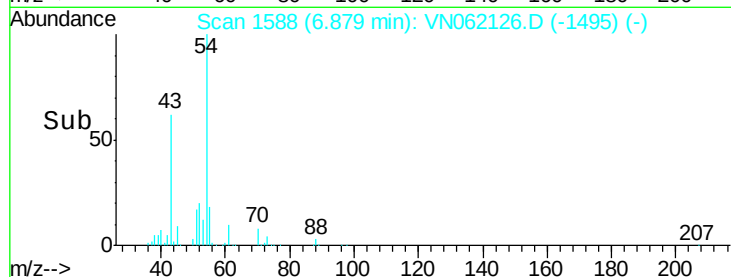
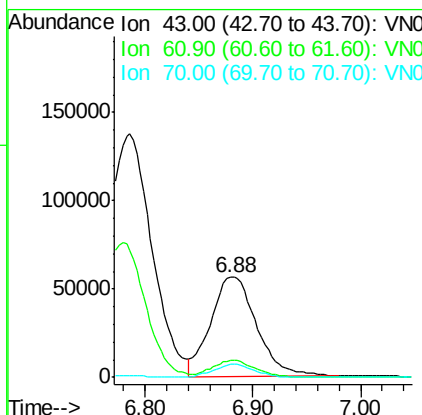
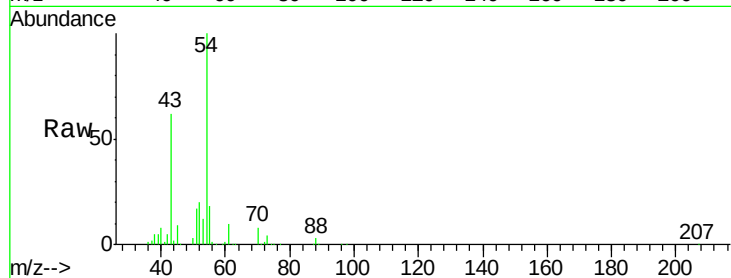
#37
Ethyl Acetate
Concen: 45.025 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.0	18.0
70	12.0	9.6	14.4

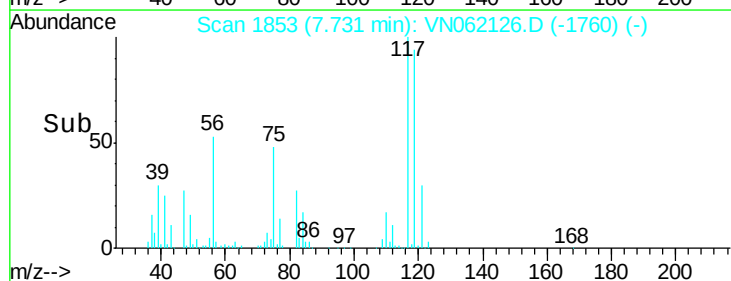
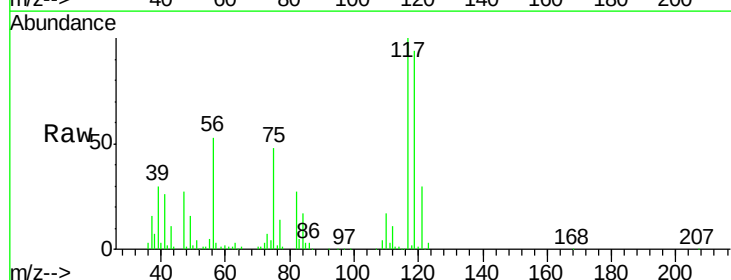
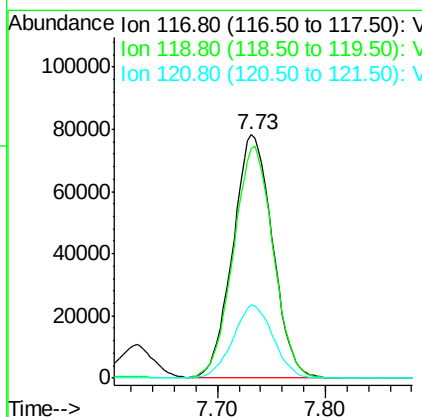
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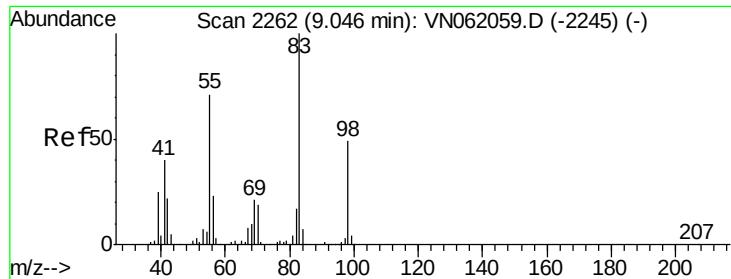
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.465 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.2	117.2
121	30.0	25.8	38.6





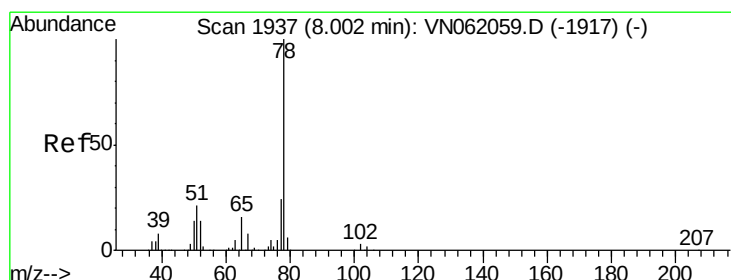
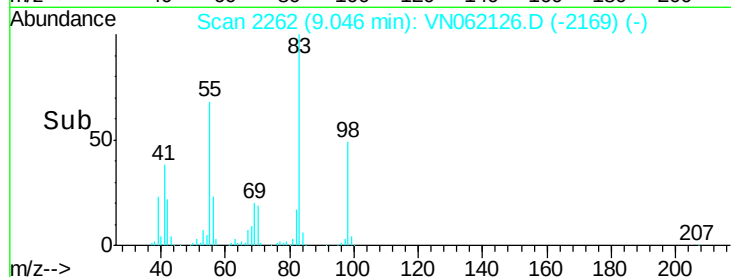
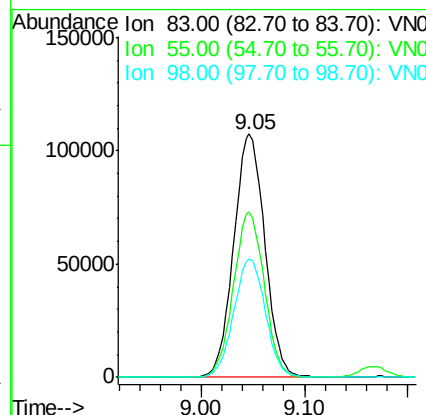
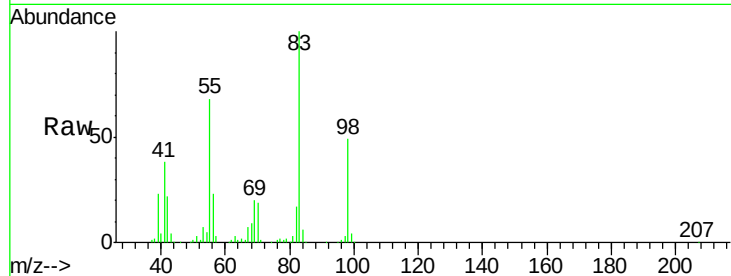
#39
Methylvlcyclohexane
Concen: 46.343 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	226255
Ion	Ratio	Lower	Upper
83	100		
55	68.1	57.0	85.6
98	48.7	39.0	58.6

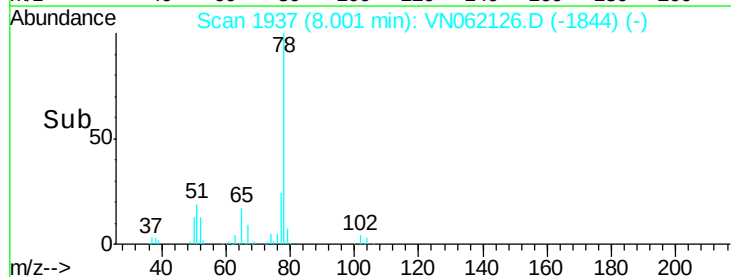
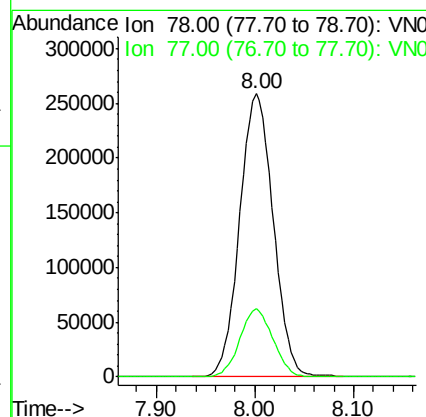
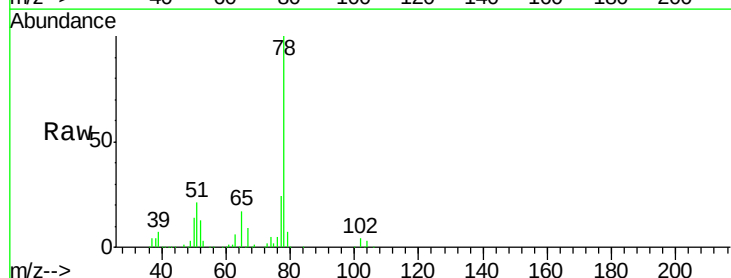
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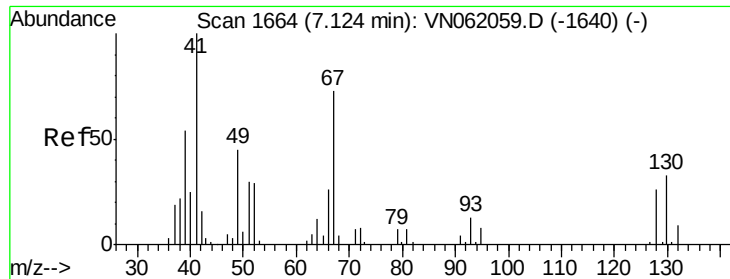
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#40
Benzene
Concen: 45.005 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	78	Resp	611223
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





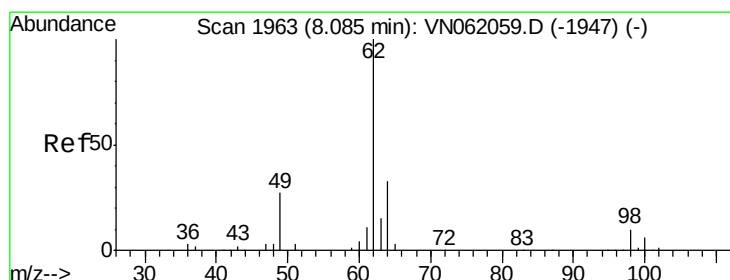
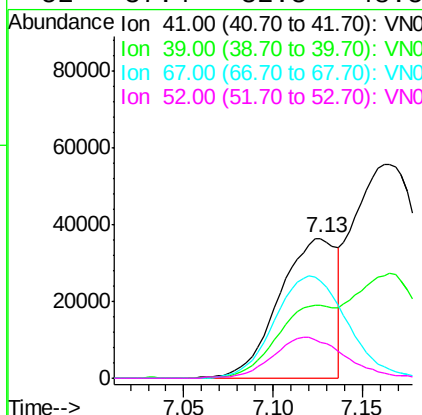
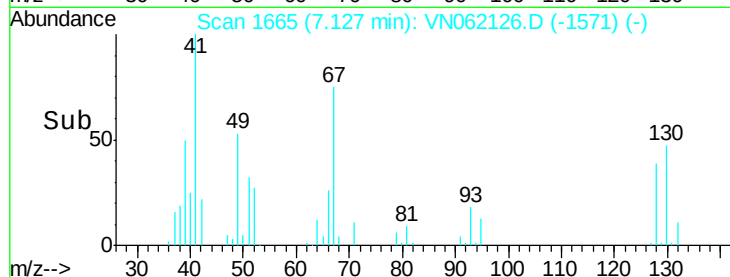
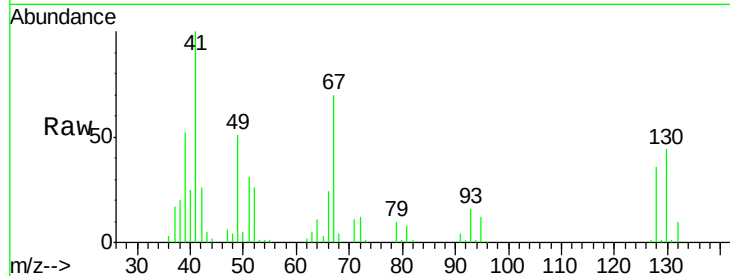
#41
Methacrylonitrile
Concen: 47.650 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	81508
Ion	Ratio	Lower	Upper
41	100		
39	49.9	44.2	66.2
67	92.7	79.5	119.3
52	37.4	32.3	48.5

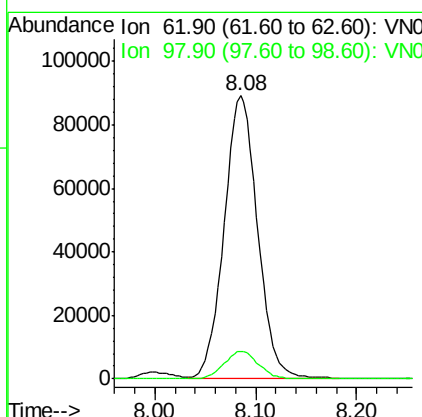
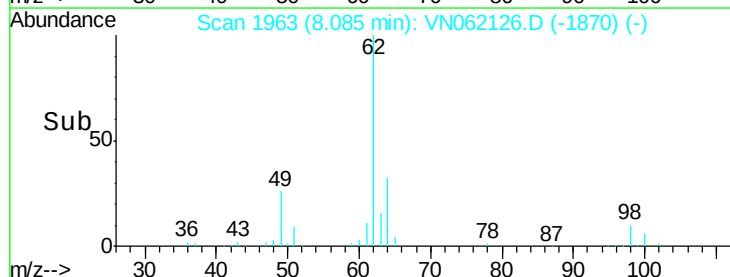
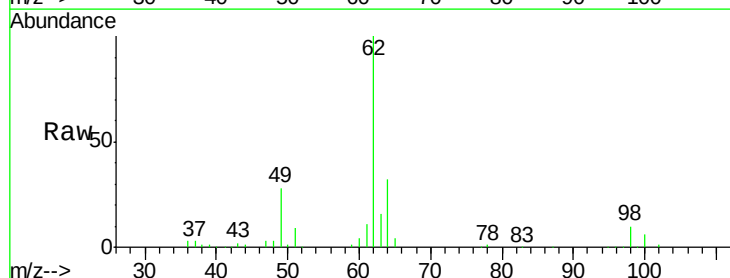
Manual Integrations
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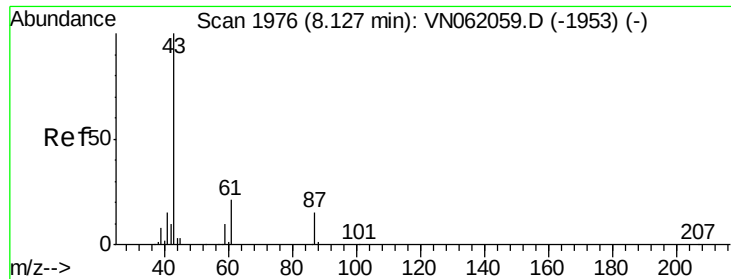
MMDadoda
6/26/2020 10:34:10 AM



#42
1,2-Dichloroethane
Concen: 44.591 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	62	Resp	204611
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8





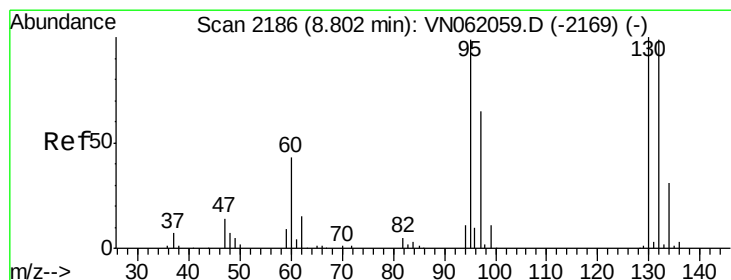
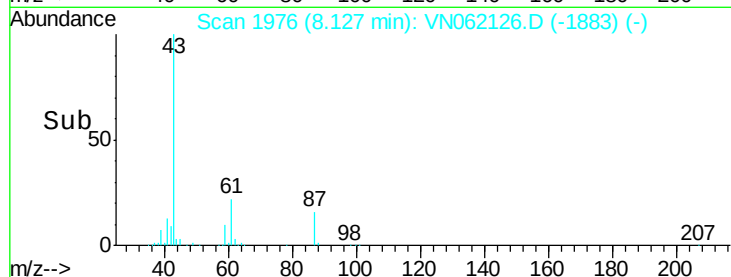
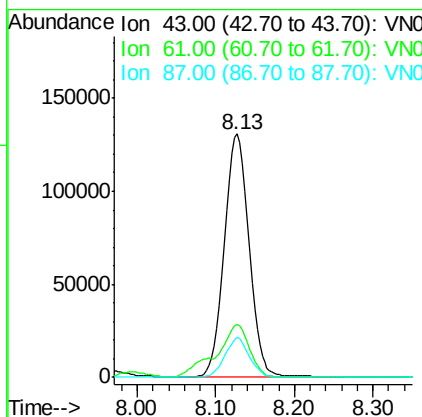
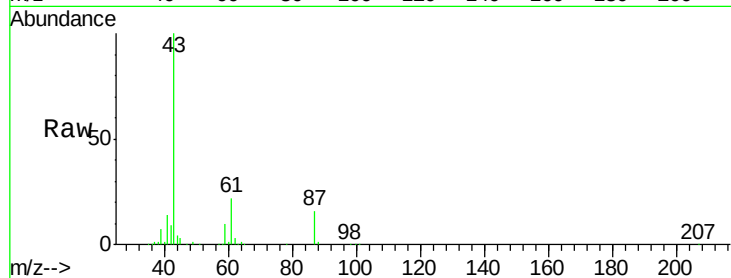
#43
Isopropyl Acetate
Concen: 47.100 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	17.2	25.8
87	16.0	12.1	18.1

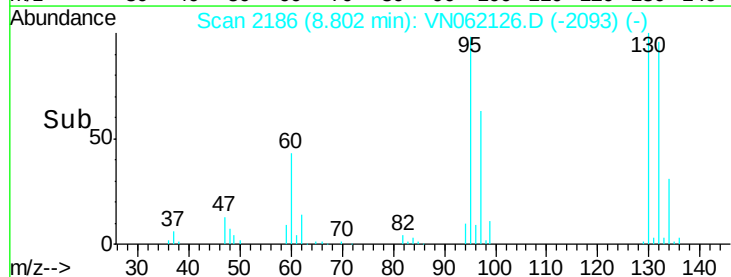
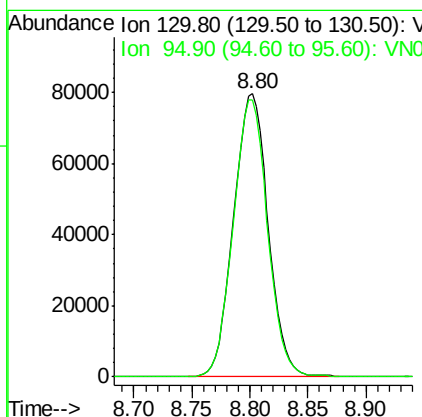
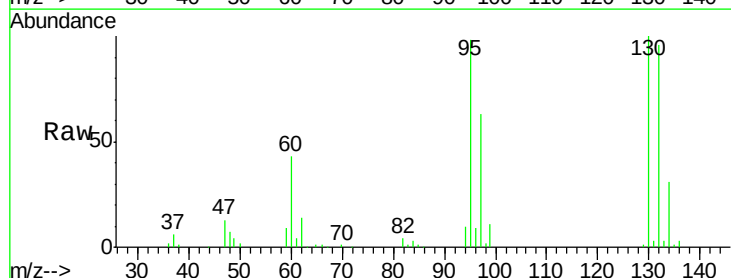
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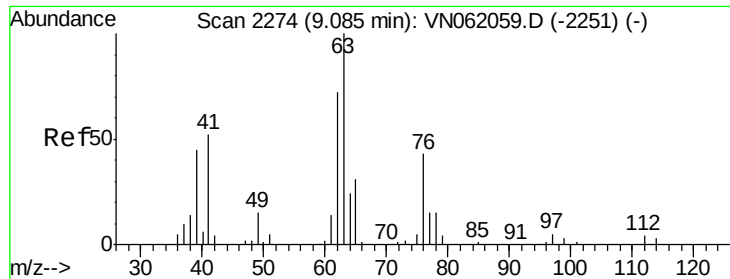
MMDadoda
6/26/2020 10:34:10 AM



#44
Trichloroethene
Concen: 48.082 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	197.8





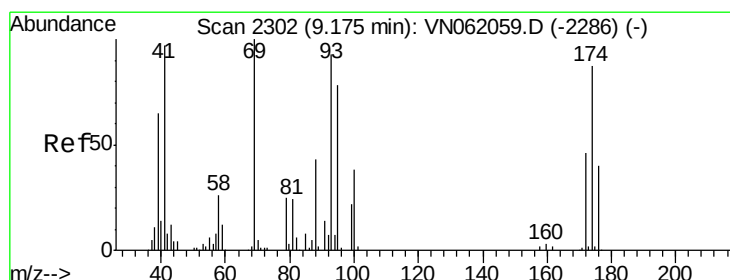
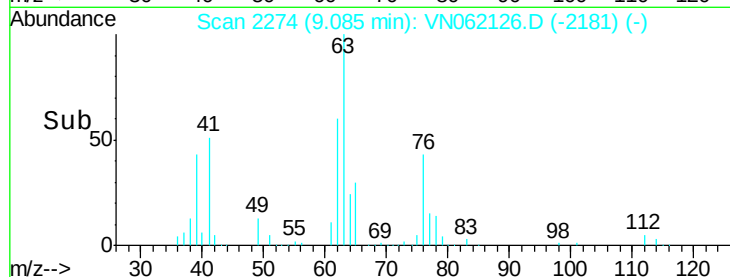
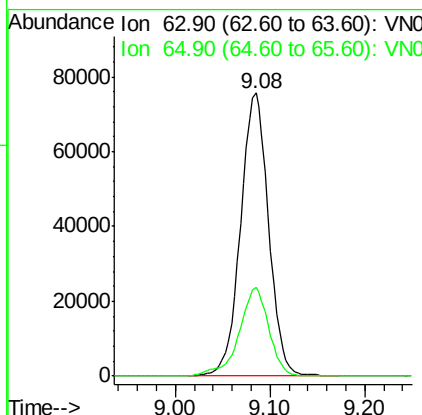
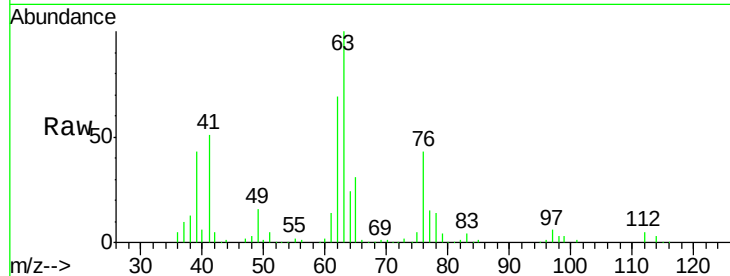
#45
 1,2-Dichloropropane
 Concen: 46.460 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 155667
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4

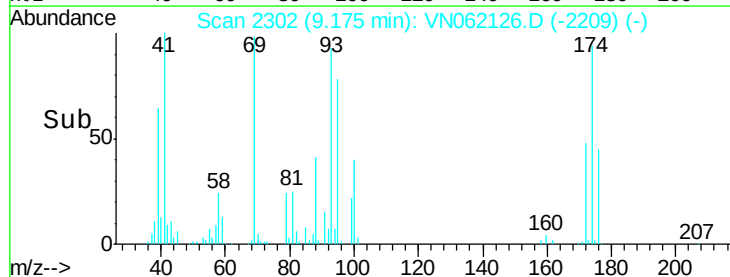
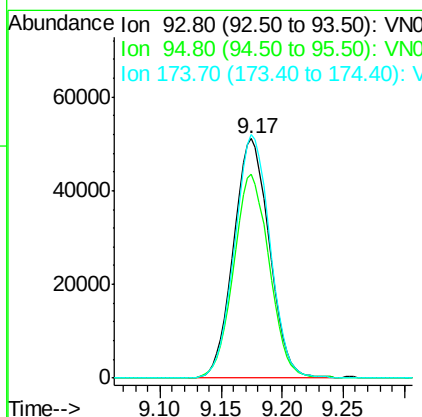
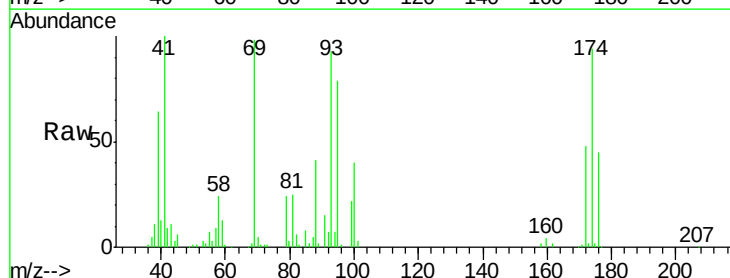
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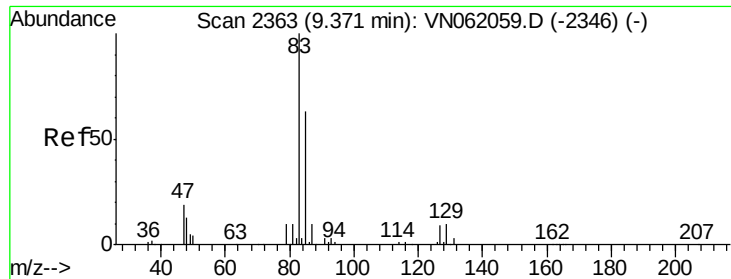
MMDadoda
 6/26/2020 10:34:10 AM



#46
 Dibromomethane
 Concen: 45.917 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion: 93 Resp: 104309
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.6
 174 99.8 74.4 111.6





#47

Bromodichloromethane

Concen: 47.068 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

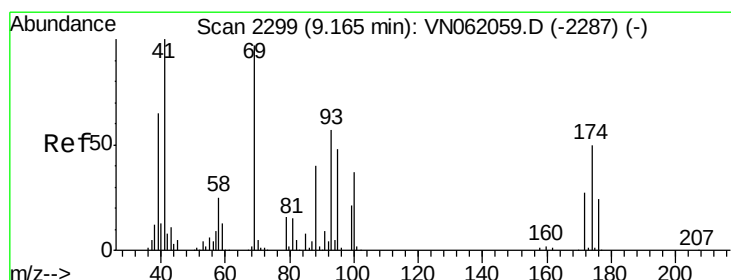
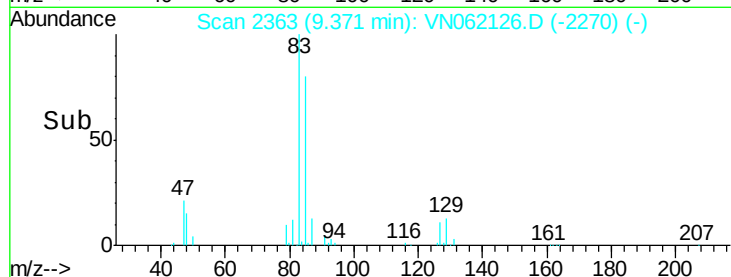
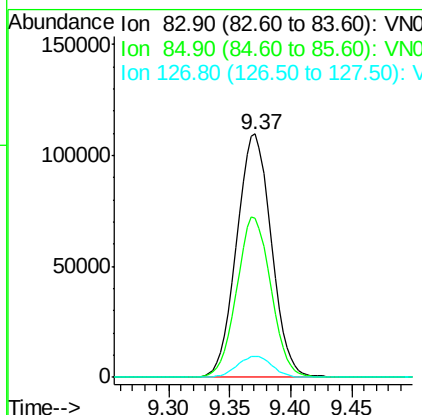
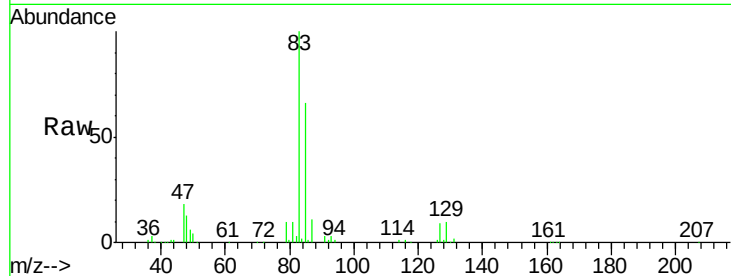
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	215892
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.3	75.5
127	8.8	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.282 ug/l

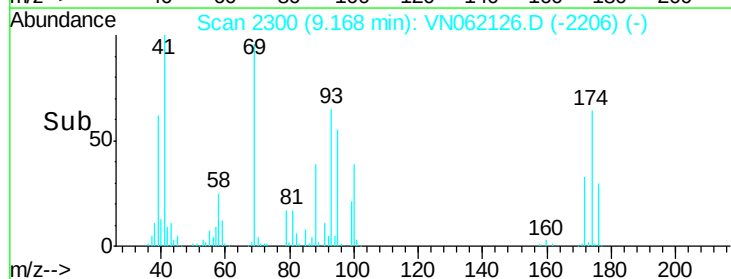
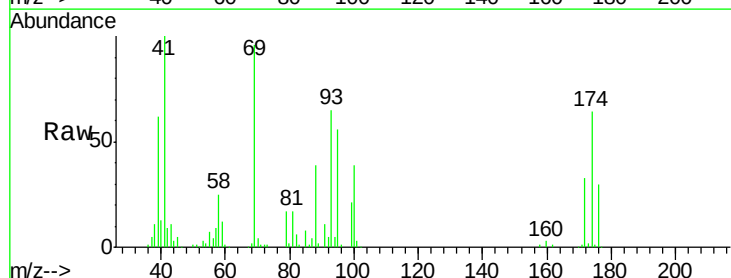
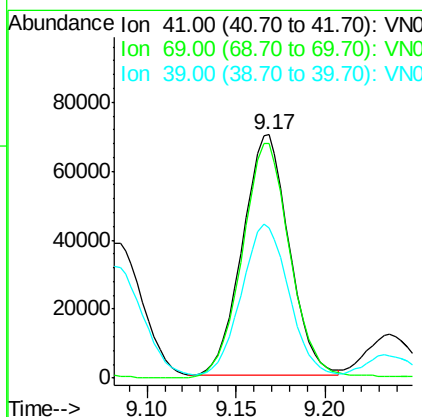
RT: 9.17 min Scan# 2300

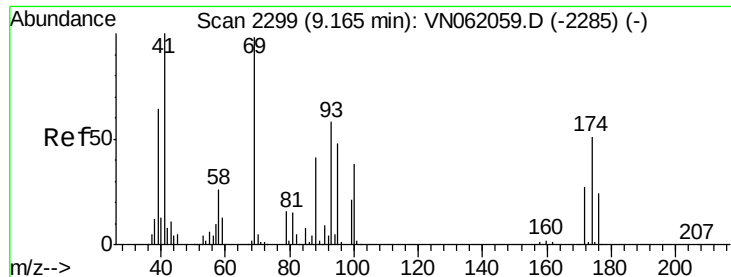
Delta R.T. 0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Tgt Ion:	41	Resp:	127512
Ion Ratio	Lower	Upper	
41	100		
69	101.1	80.7	121.1
39	65.8	54.5	81.7





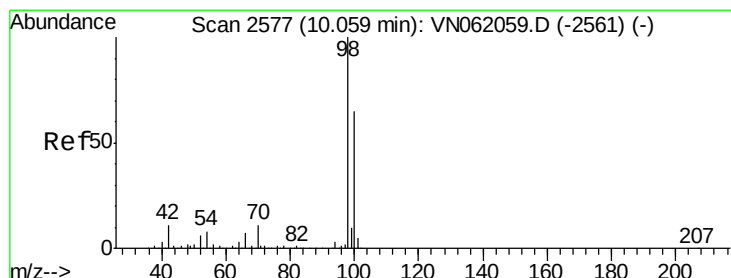
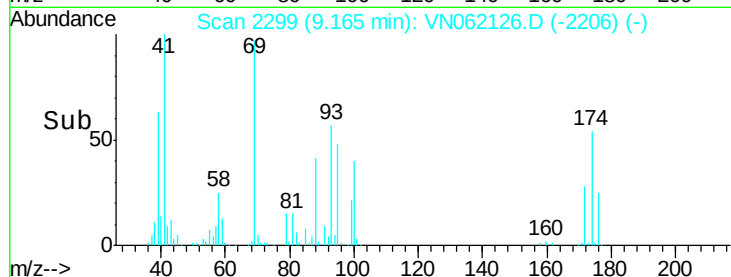
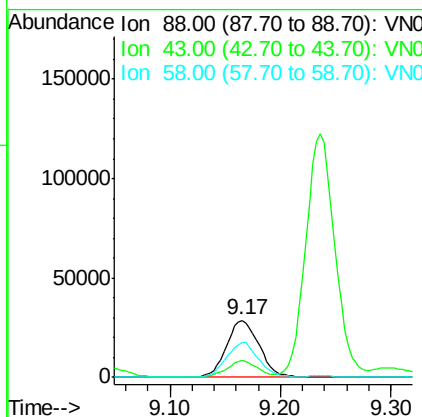
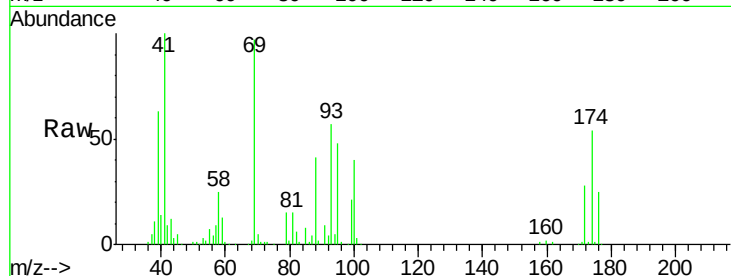
#49
1,4-Dioxane
Concen: 988.346 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	22.0	33.0
58	60.2	49.2	73.8

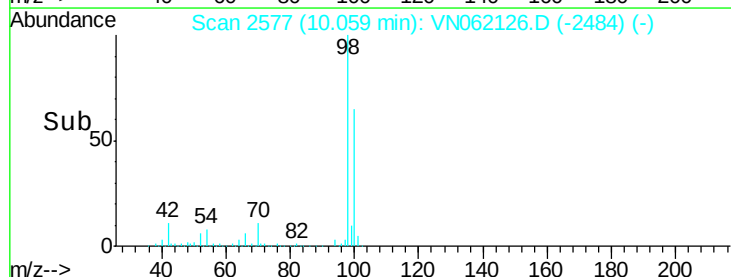
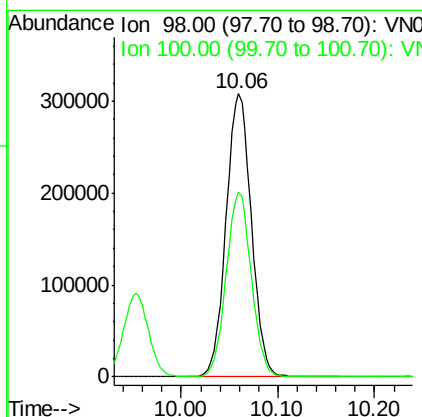
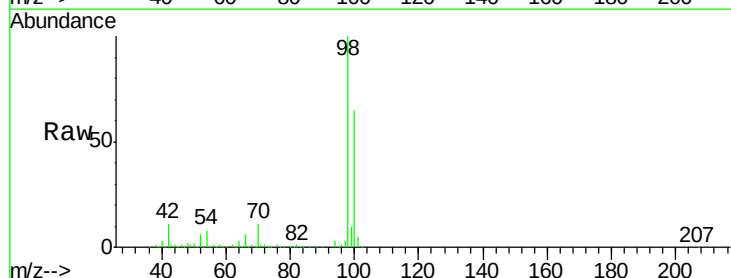
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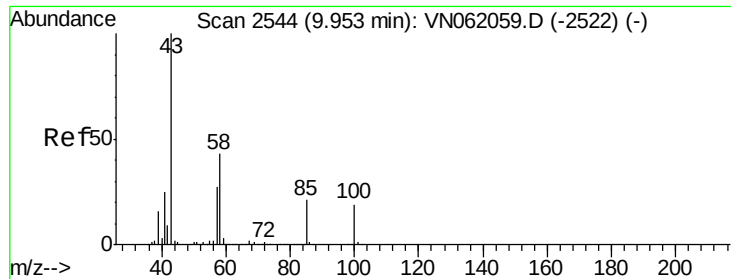
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#50
Toluene-d8
Concen: 49.278 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





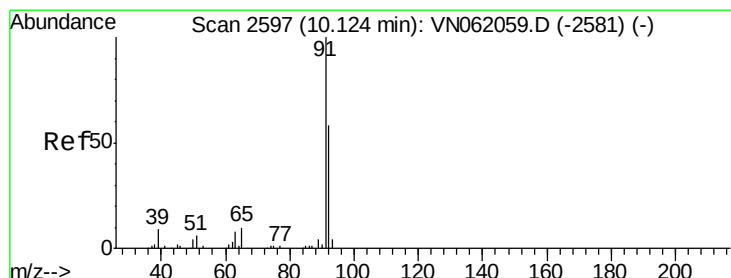
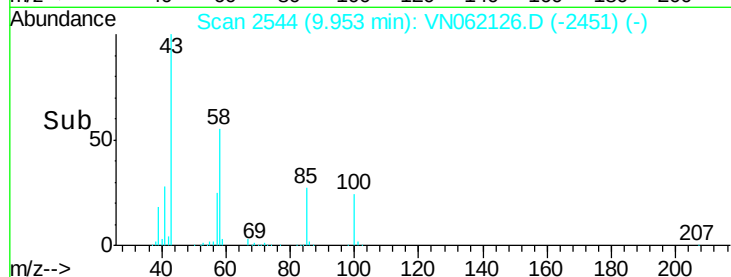
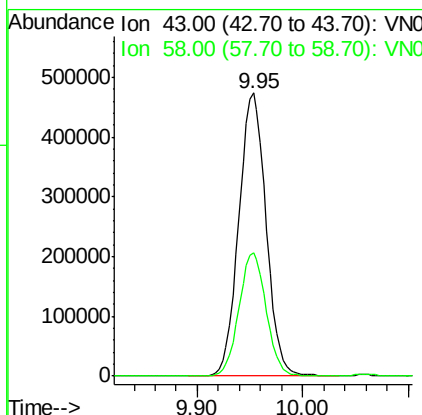
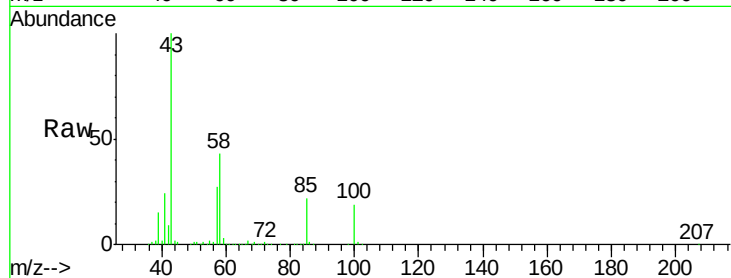
#51
 4-Methyl-2-Pentanone
 Concen: 241.676 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 849291
 Ion Ratio Lower Upper
 43 100
 58 43.5 34.2 51.2

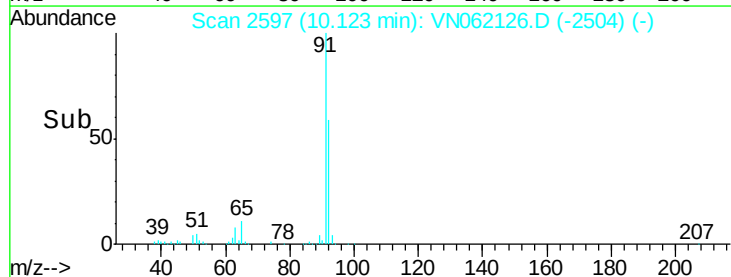
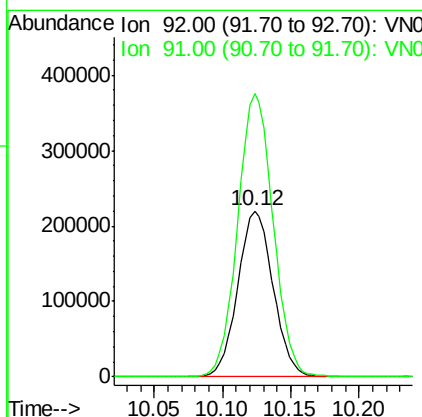
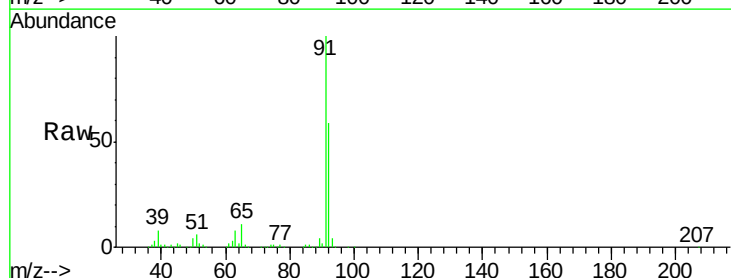
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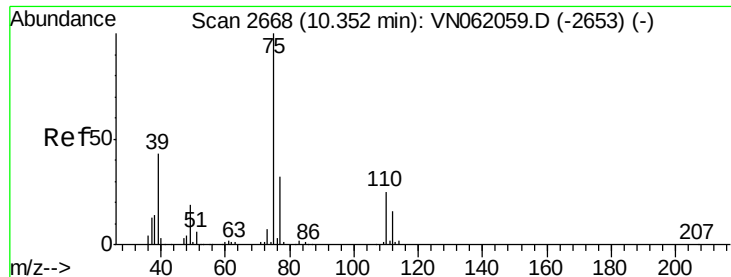
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#52
 Toluene
 Concen: 47.740 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion: 92 Resp: 395604
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.4 206.0





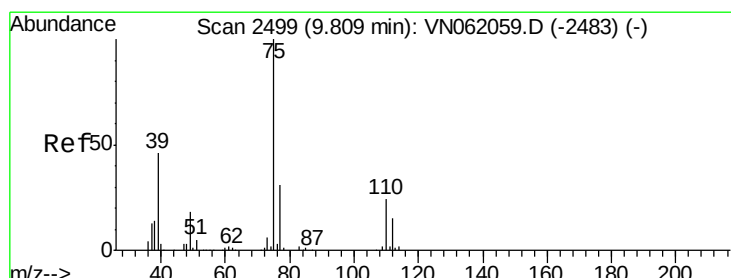
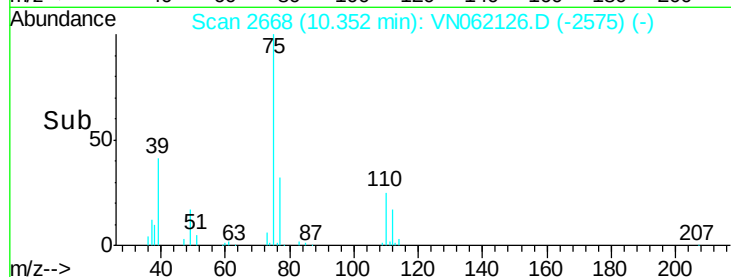
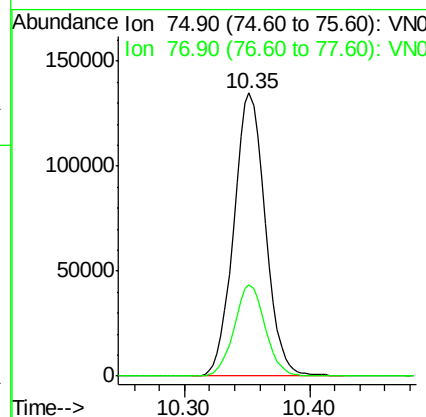
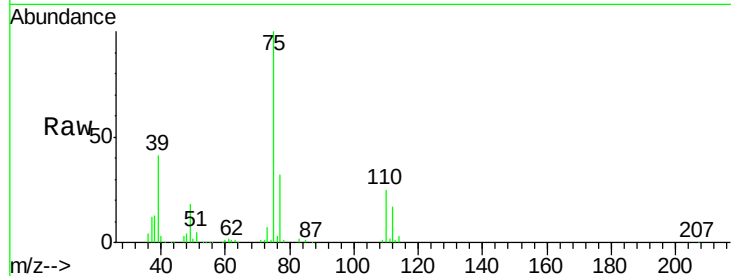
#53
t-1,3-Dichloropropene
Concen: 46.637 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.5	38.3

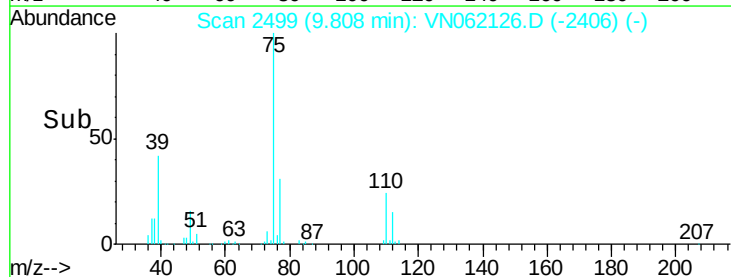
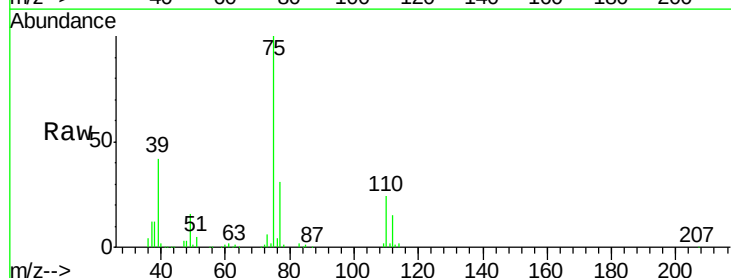
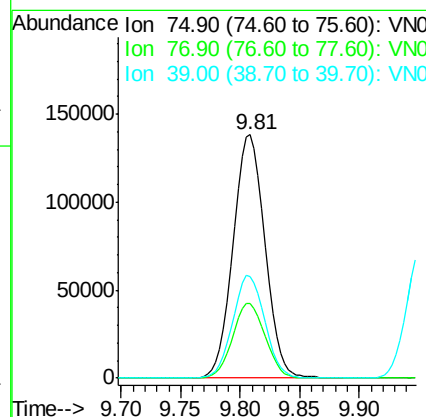
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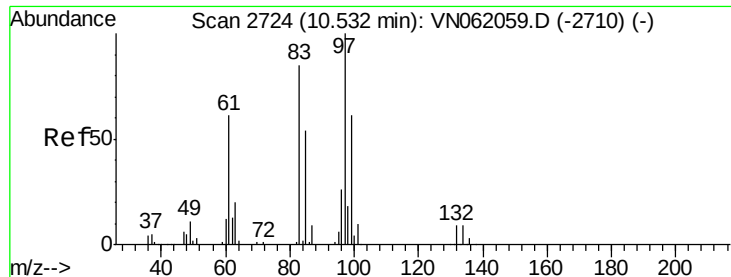
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.961 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.6
39	41.8	36.9	55.3





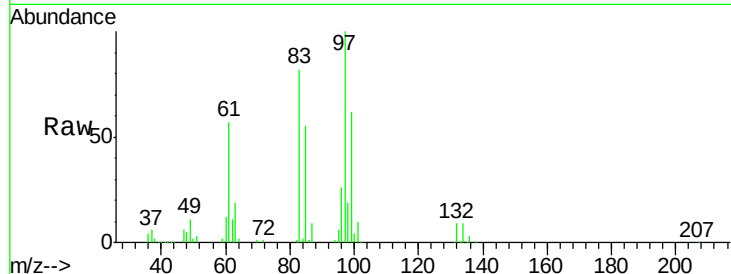
#55
 1,1,2-Trichloroethane
 Concen: 48.319 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	157393
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.2	102.2
85	55.3	43.2	64.8
99	62.1	48.5	72.7

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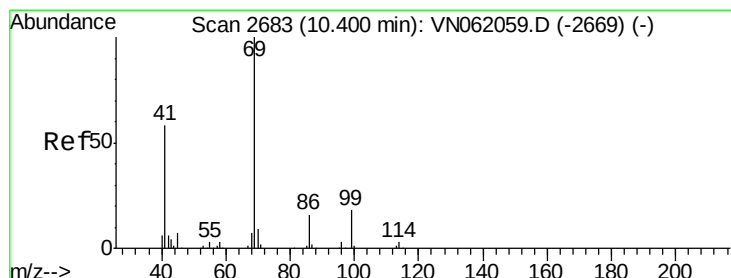
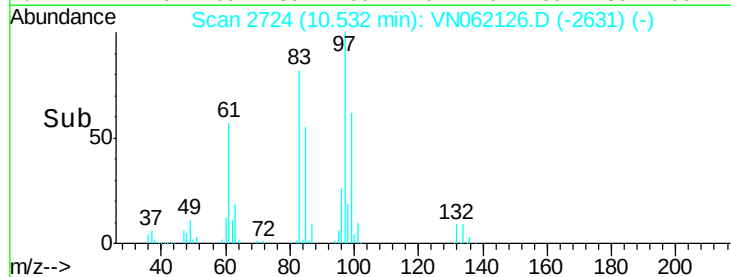
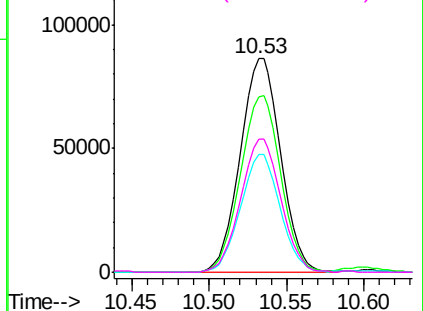


Abundance Ion 96.90 (96.60 to 97.60): VN062126.D (-2631) (-)

Ion 82.90 (82.60 to 83.60): VN062126.D (-2631) (-)

Ion 84.90 (84.60 to 85.60): VN062126.D (-2631) (-)

Ion 98.90 (98.60 to 99.60): VN062126.D (-2631) (-)



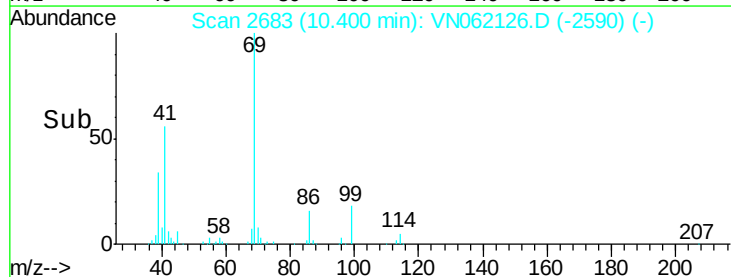
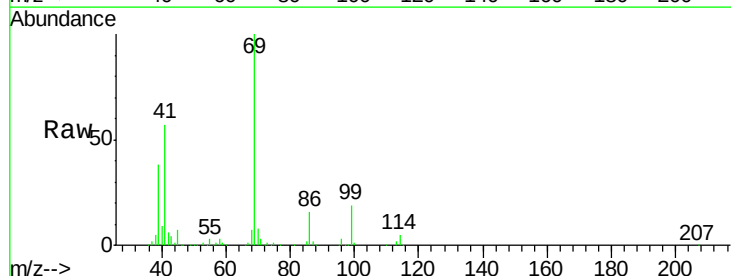
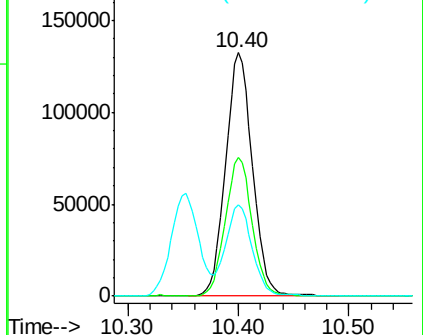
#56
 Ethyl methacrylate
 Concen: 51.346 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

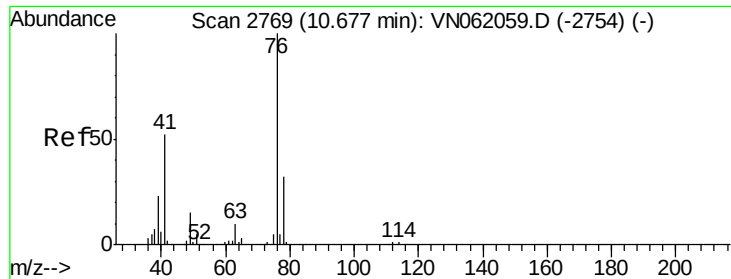
Tgt Ion:	69	Resp:	223207
Ion	Ratio	Lower	Upper
69	100		
41	56.0	46.6	70.0
39	35.9	31.0	46.4

Abundance Ion 69.00 (68.70 to 69.70): VN062126.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN062126.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN062126.D (-2590) (-)





#57

1,3-Dichloropropane

Concen: 47.148 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 264345

Ion Ratio Lower Upper

76 100

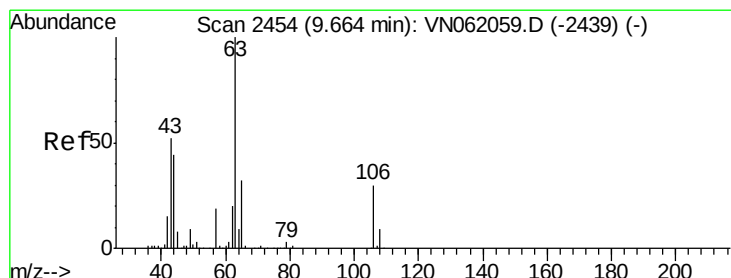
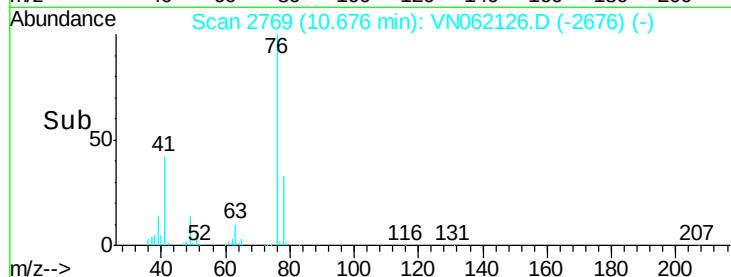
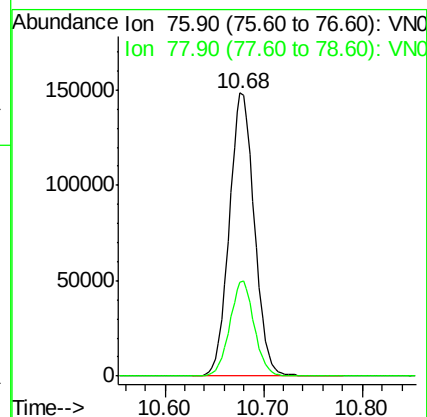
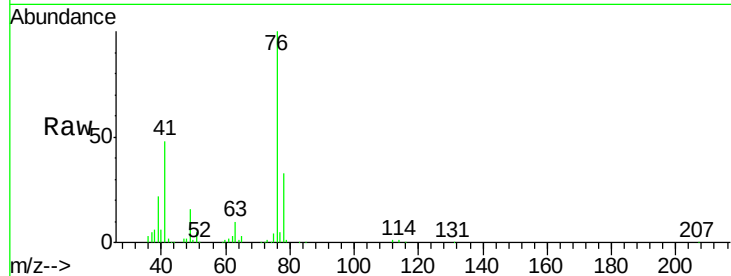
78 32.8 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 234.813 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062126.D

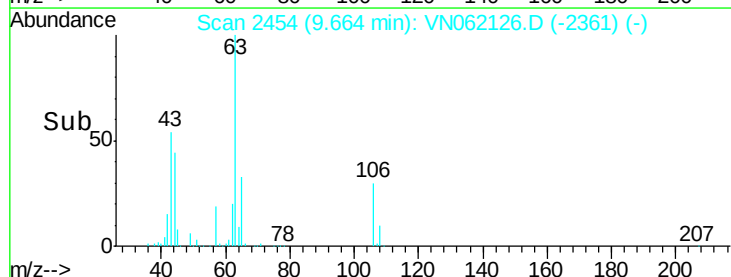
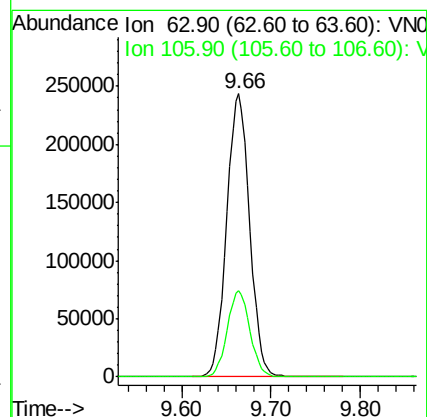
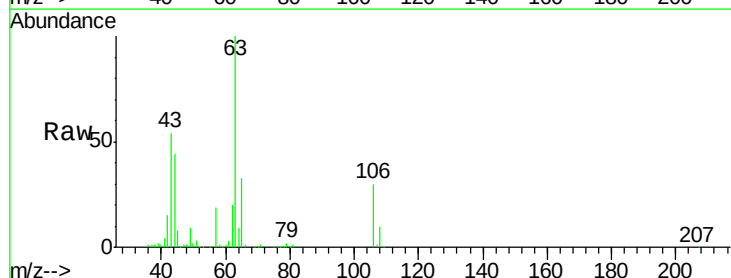
Acq: 25 Jun 2020 21:18

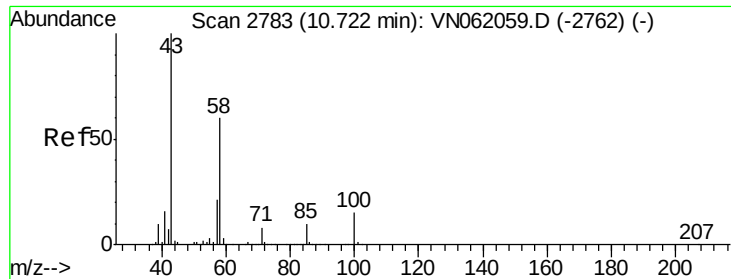
Tgt Ion: 63 Resp: 432656

Ion Ratio Lower Upper

63 100

106 30.0 23.2 34.8





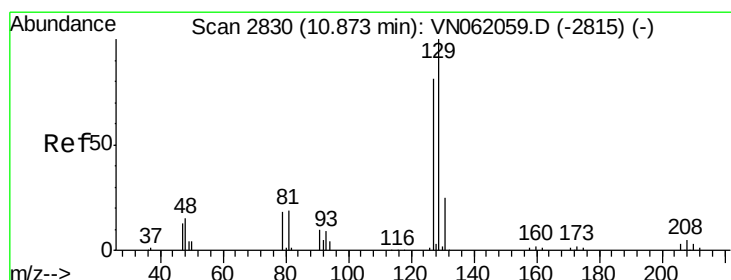
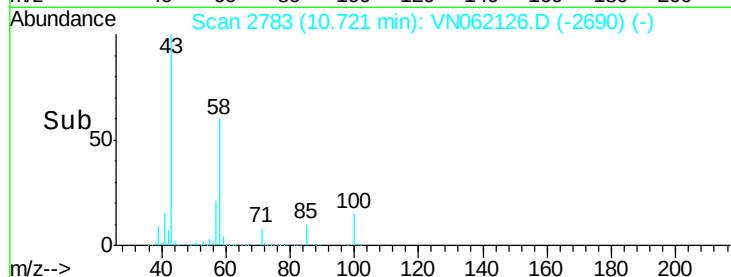
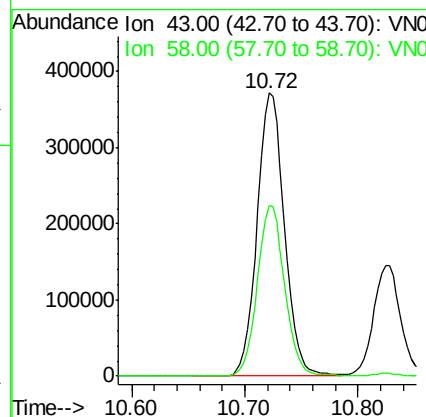
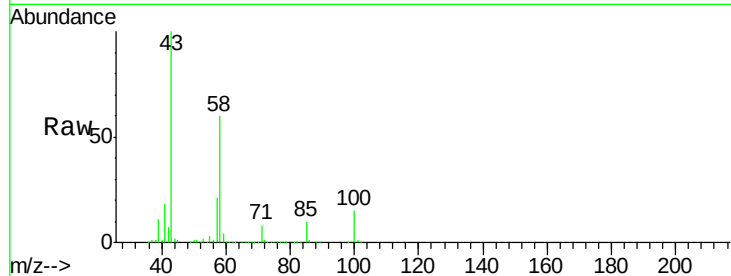
#59
2-Hexanone
Concen: 246.026 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 624309
Ion Ratio Lower Upper
43 100
58 60.4 29.5 88.5

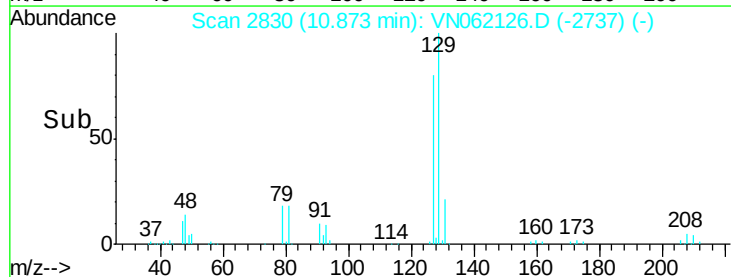
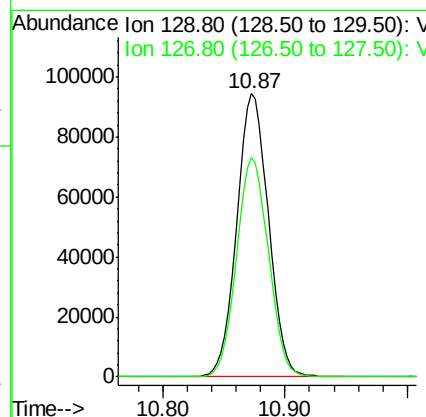
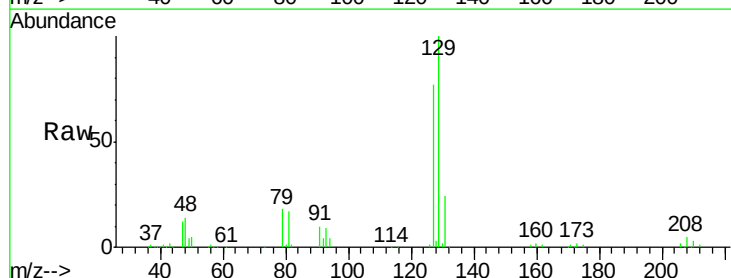
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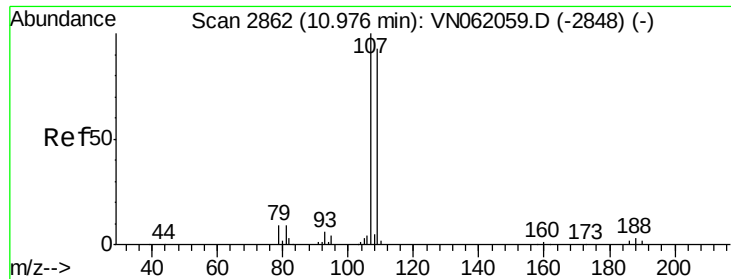
MMDadoda
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#60
Dibromochloromethane
Concen: 49.276 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion: 129 Resp: 169935
Ion Ratio Lower Upper
129 100
127 78.1 39.5 118.5





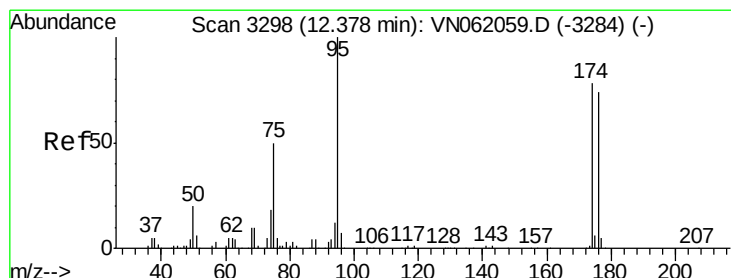
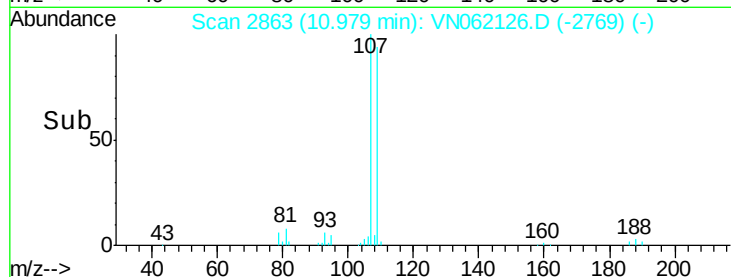
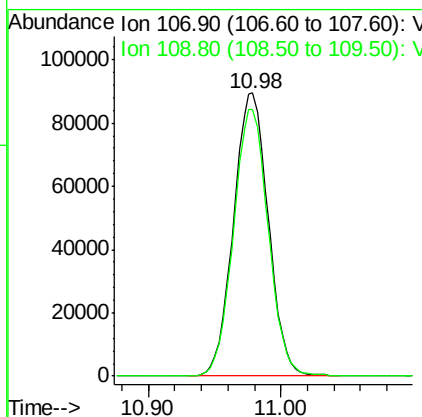
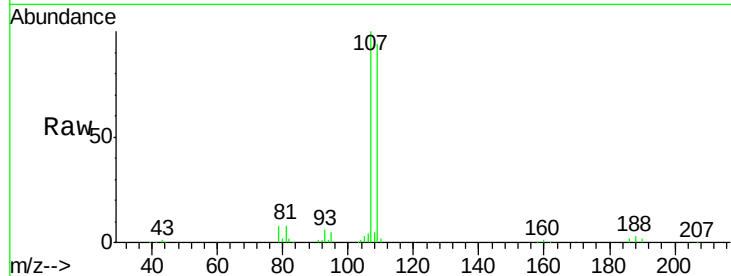
#61
 1,2-Dibromoethane
 Concen: 48.618 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6

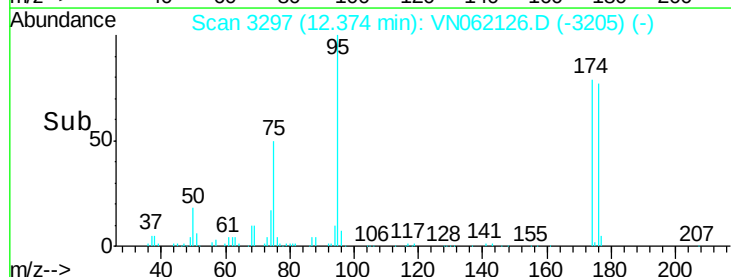
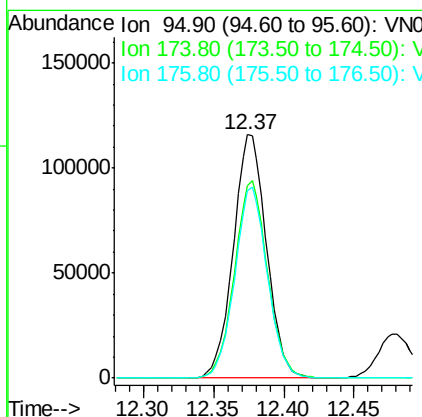
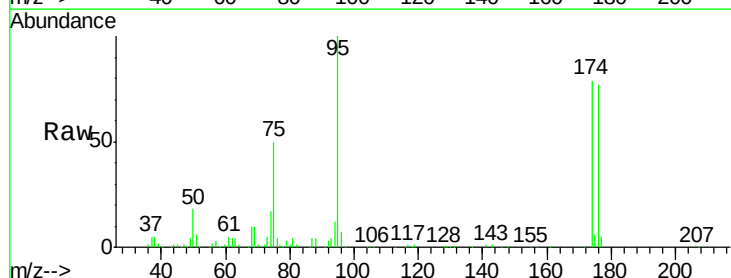
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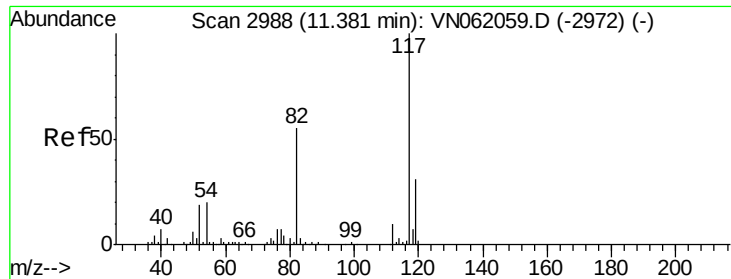
MMDadoda
 6/26/2020 10:34:10 AM



#62
 4-Bromofluorobenzene
 Concen: 49.699 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	154.8
176	77.1	0.0	147.4





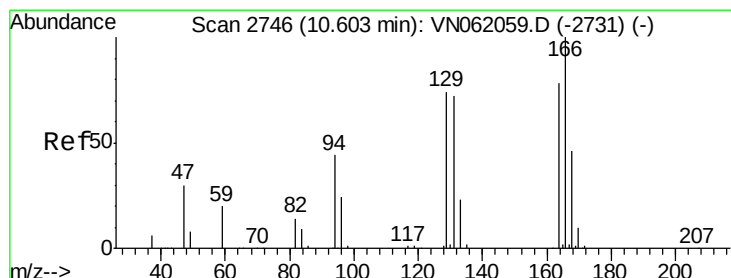
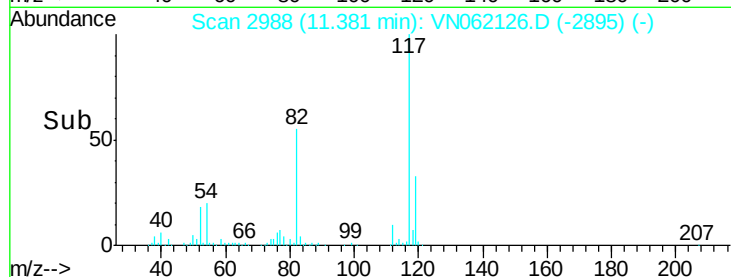
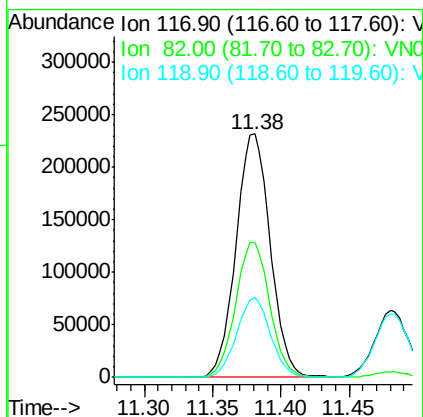
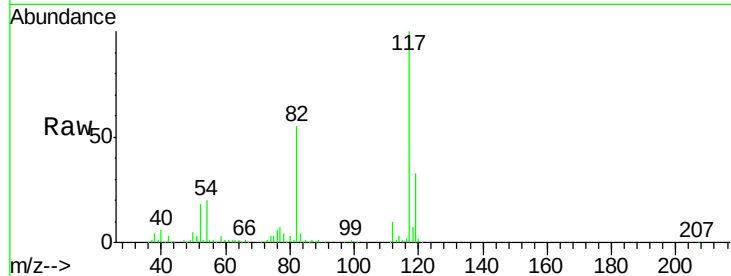
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.8
119	32.6	25.2	37.8

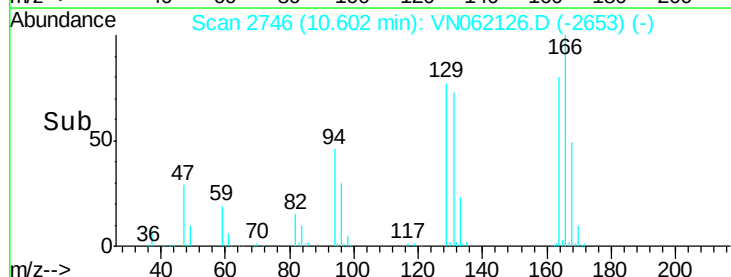
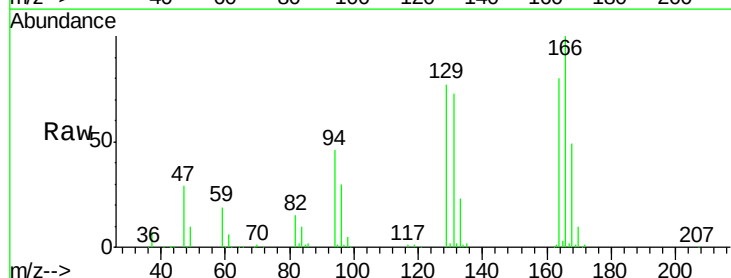
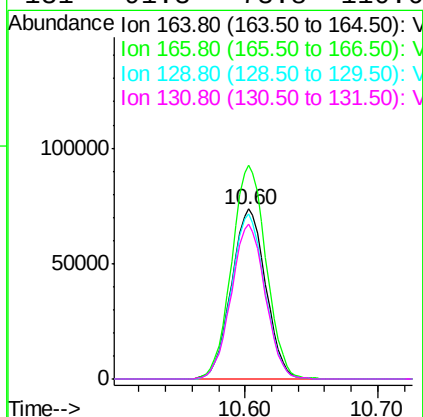
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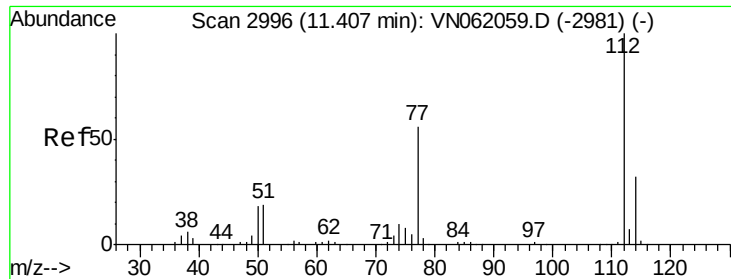
MMDadoda
6/26/2020 10:34:10 AM



#64
Tetrachloroethene
Concen: 47.824 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.9	154.3
129	97.1	75.8	113.8
131	91.3	73.8	110.6





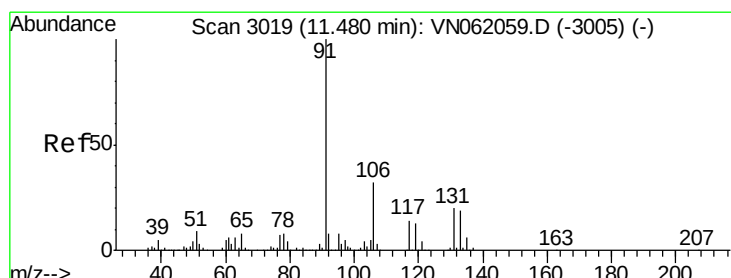
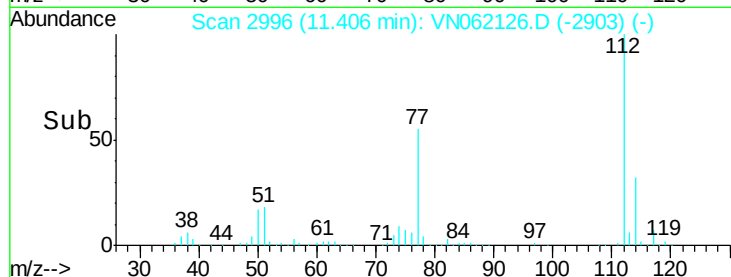
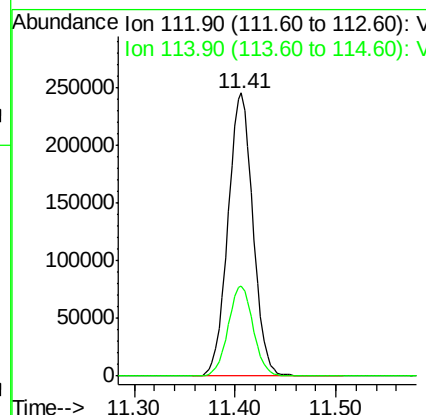
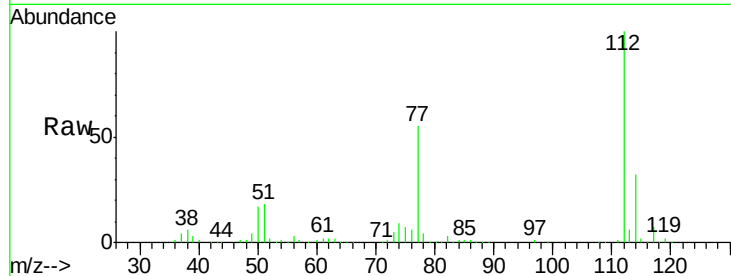
#65
Chlorobenzene
Concen: 47.757 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 424720
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

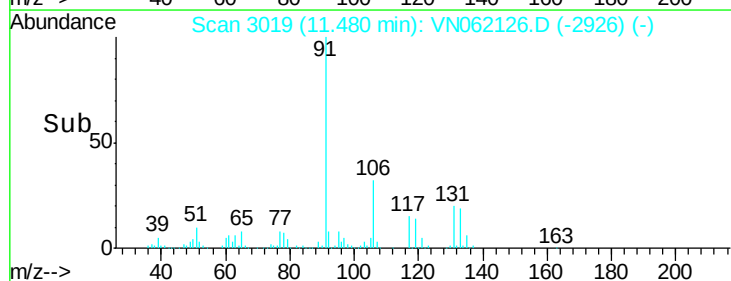
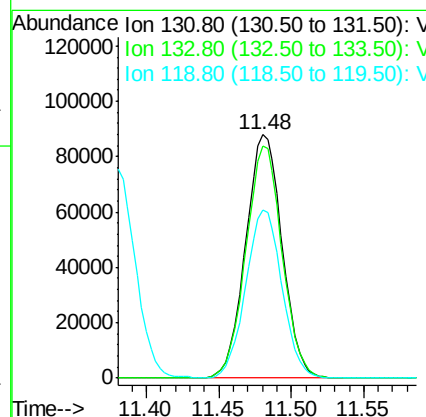
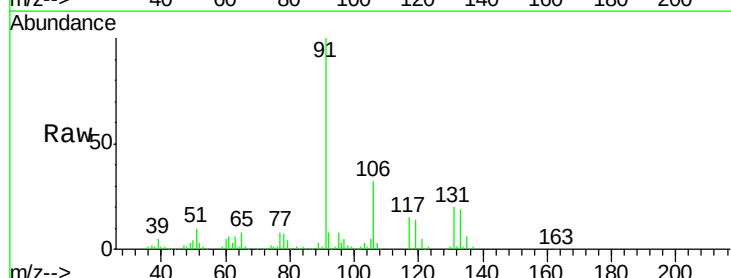
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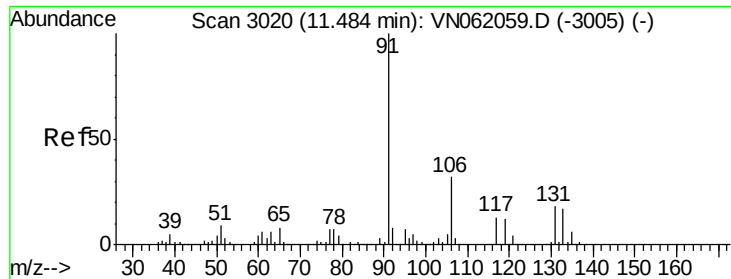
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6/26/2020 10:34:10 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.009 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion:131 Resp: 153791
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 68.6 34.4 103.3





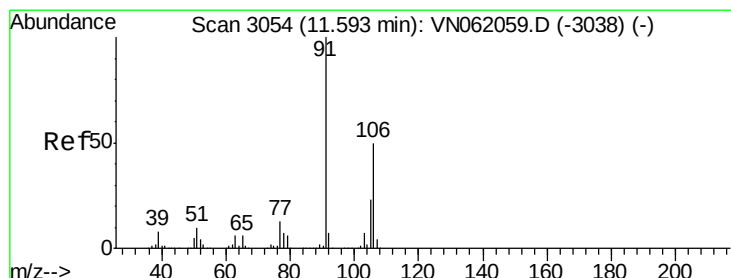
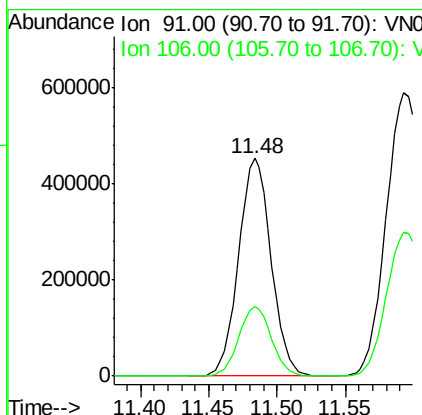
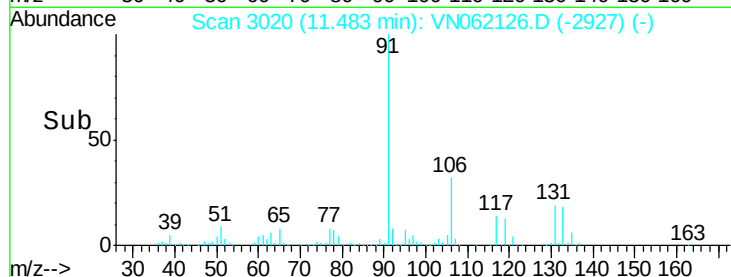
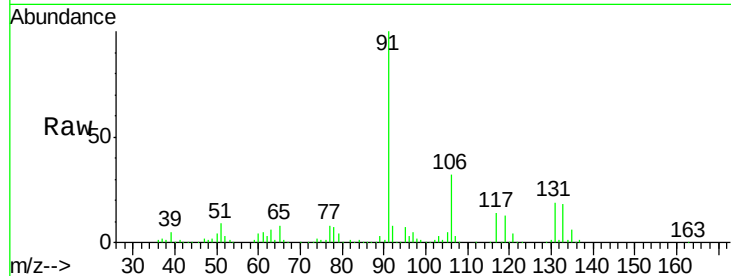
#67
Ethyl Benzene
Concen: 49.767 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 747492
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9

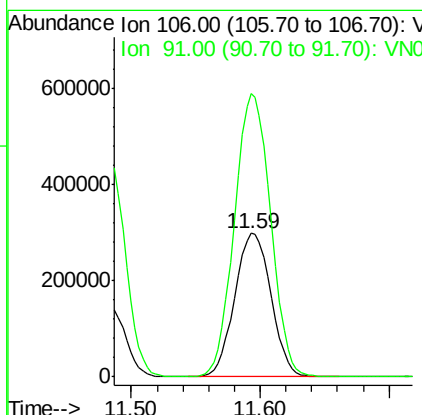
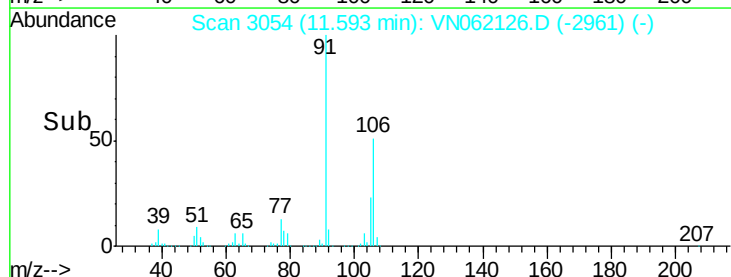
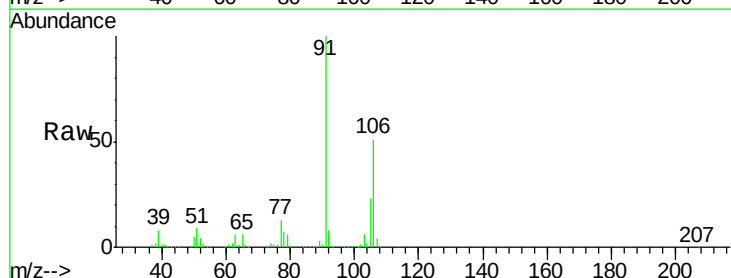
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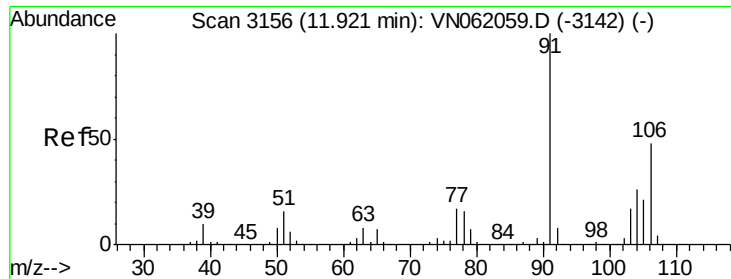
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6/26/2020 10:34:10 AM



#68
m/p-Xylenes
Concen: 100.320 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion: 106 Resp: 582804
Ion Ratio Lower Upper
106 100
91 196.8 157.8 236.8





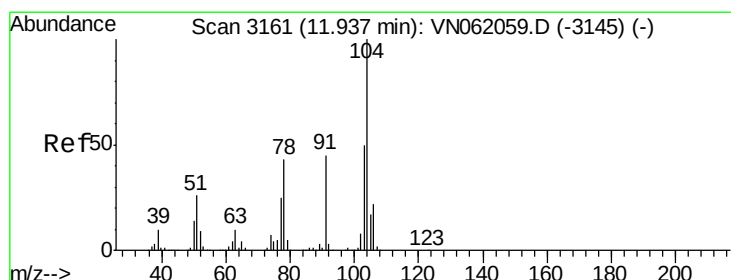
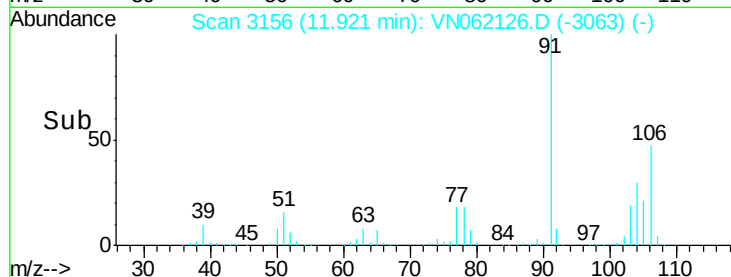
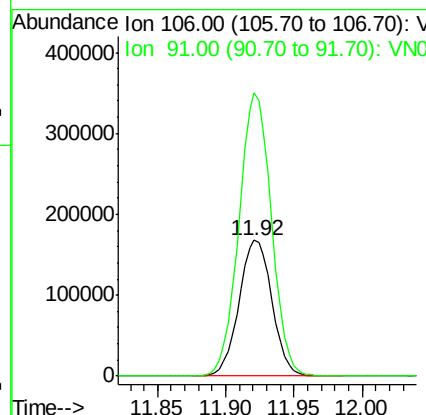
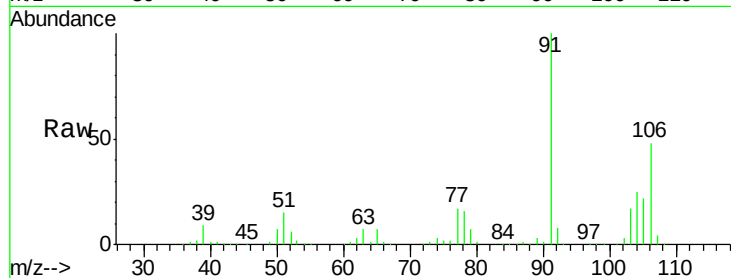
#69
o-Xylene
Concen: 51.362 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 281530
Ion Ratio Lower Upper
106 100
91 205.5 104.0 311.9

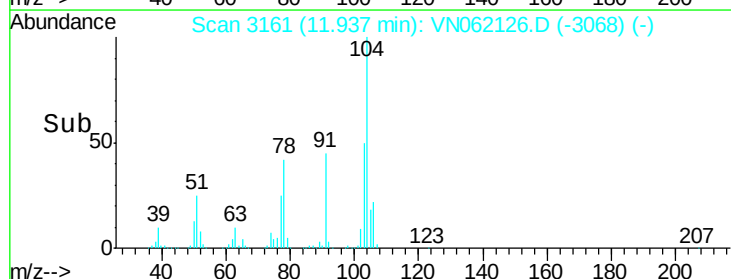
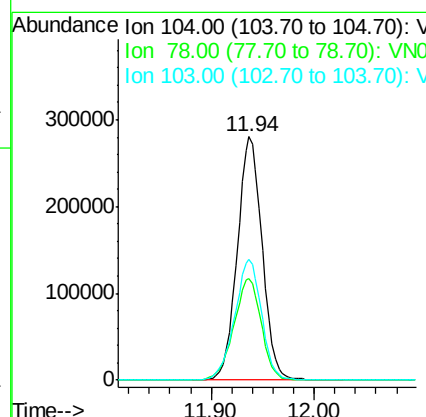
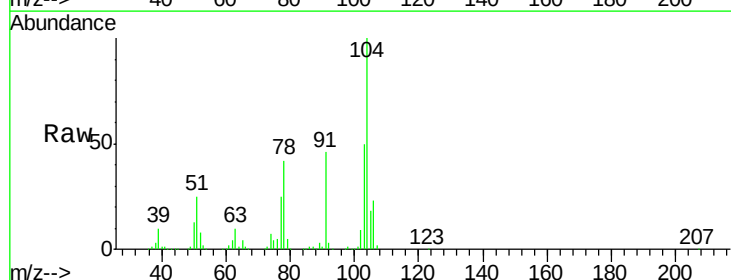
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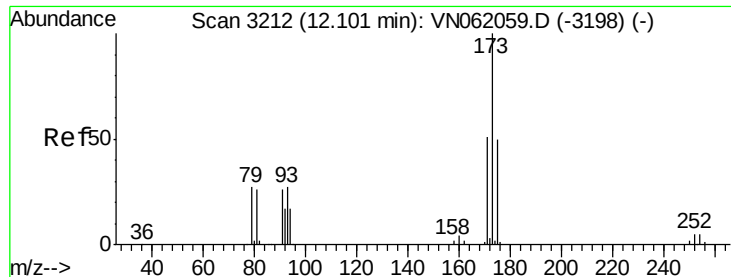
MMDadoda
6/26/2020 10:34:10 AM



#70
Styrene
Concen: 51.595 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion:104 Resp: 471648
Ion Ratio Lower Upper
104 100
78 46.1 37.7 56.5
103 53.5 43.0 64.6





#71

Bromoform

Concen: 52.225 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 114189

Ion Ratio Lower Upper

173 100

175 48.2 24.7 74.1

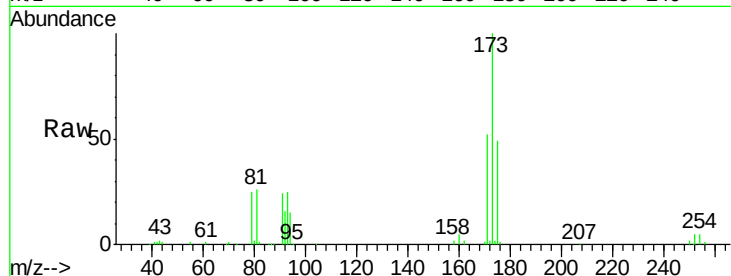
254 0.0 0.0 0.0

Manual Integrations

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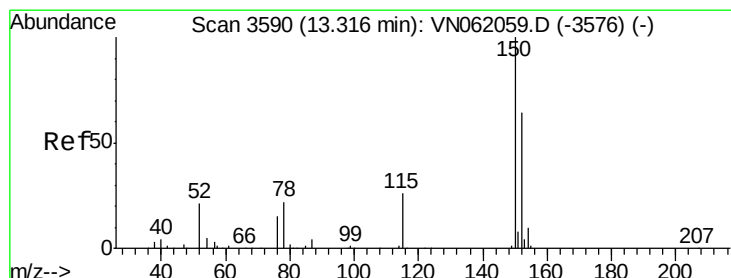
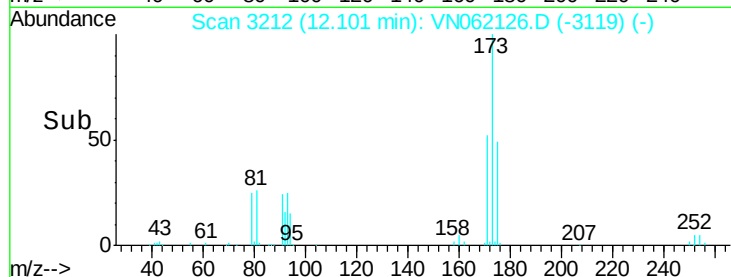
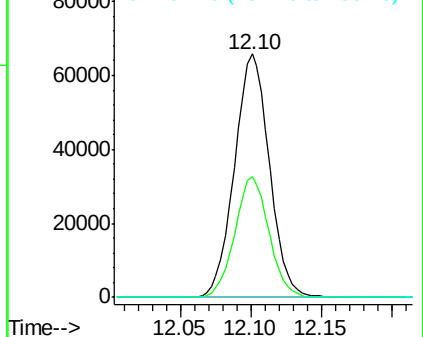
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 3590

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

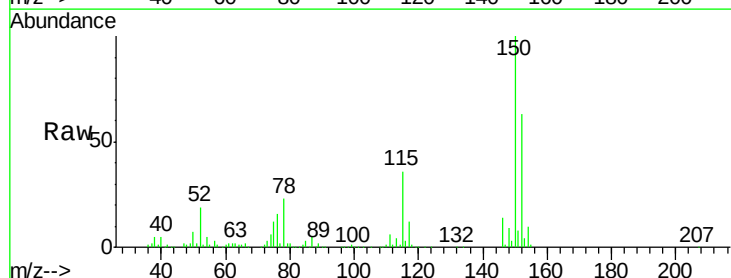
Tgt Ion:152 Resp: 197737

Ion Ratio Lower Upper

152 100

115 57.7 29.5 88.5

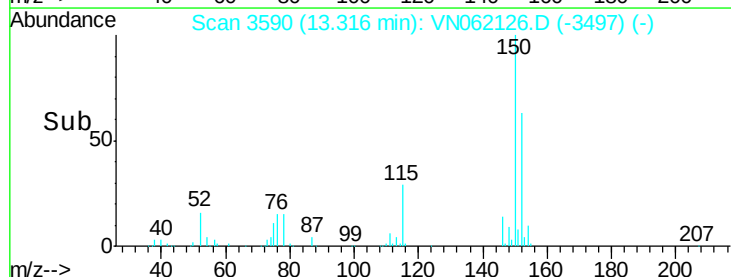
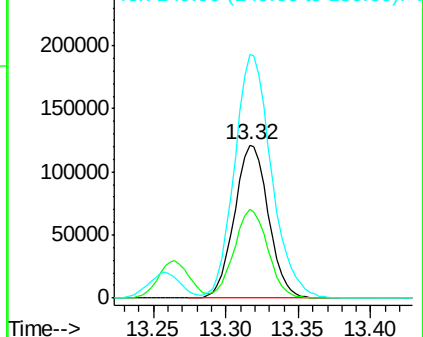
150 173.1 0.0 351.4

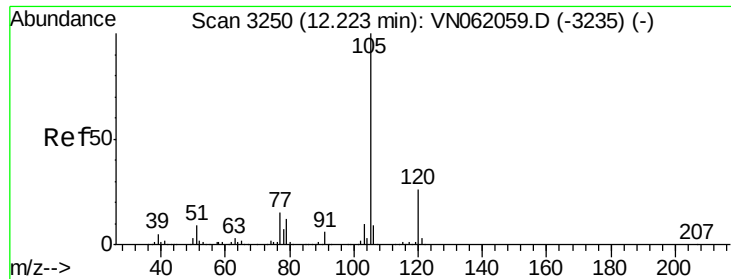


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





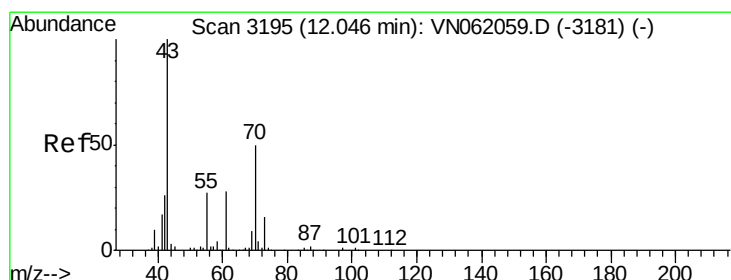
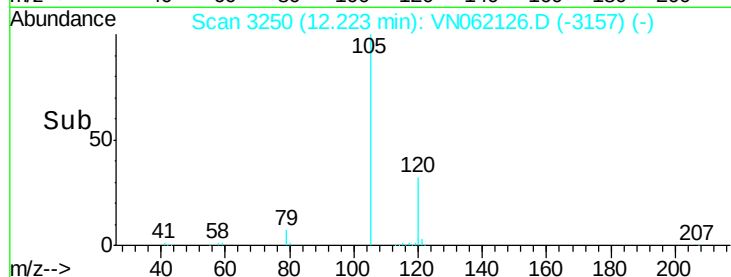
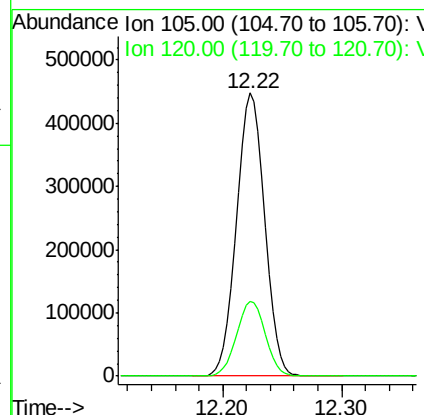
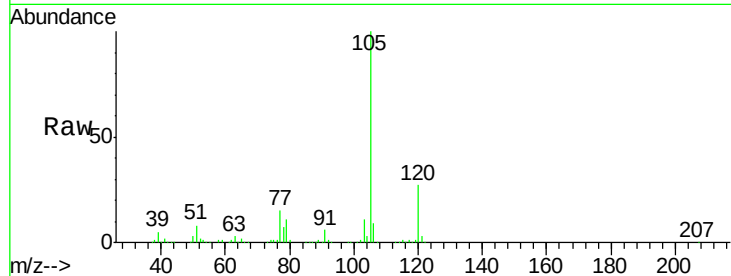
#73
Isopropylbenzene
Concen: 47.979 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.2	39.6

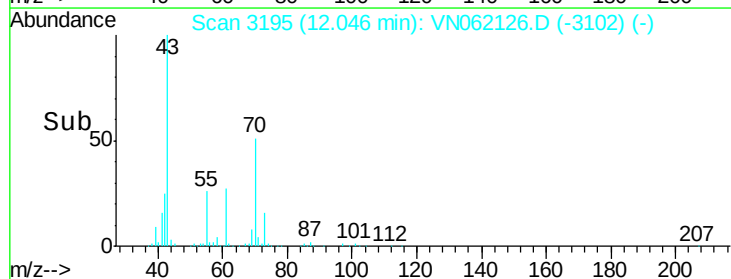
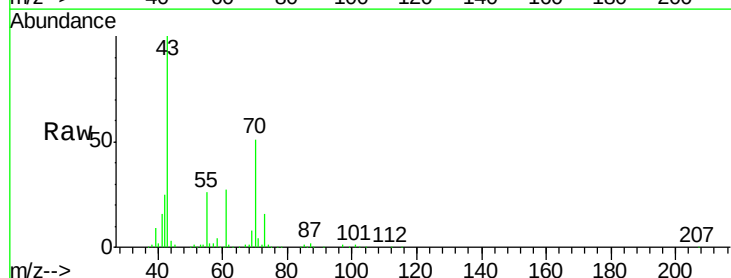
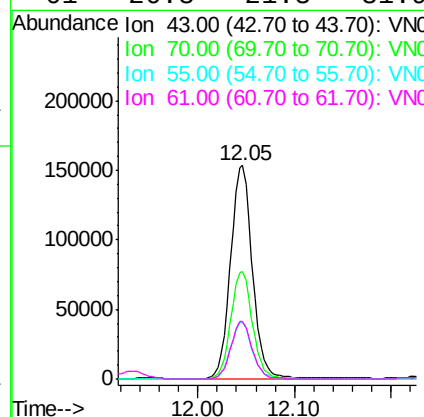
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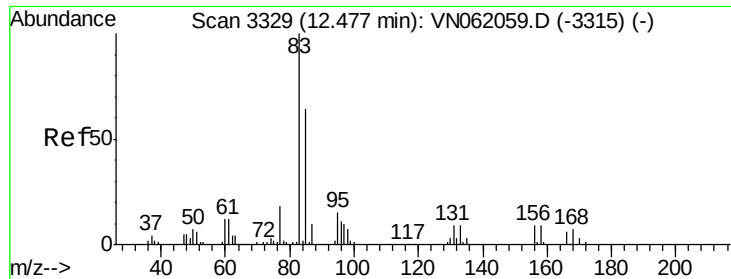
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#74
N-ethyl acetate
Concen: 43.514 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.9	39.4	59.2
55	26.3	21.7	32.5
61	26.3	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 44.808 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

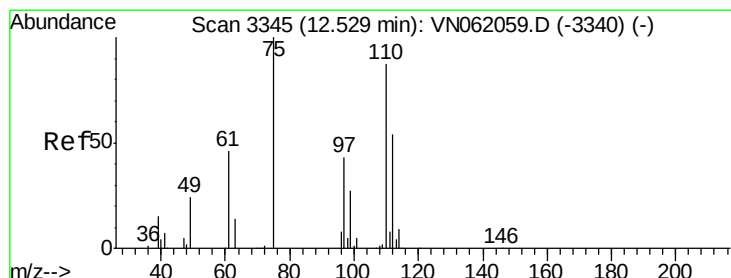
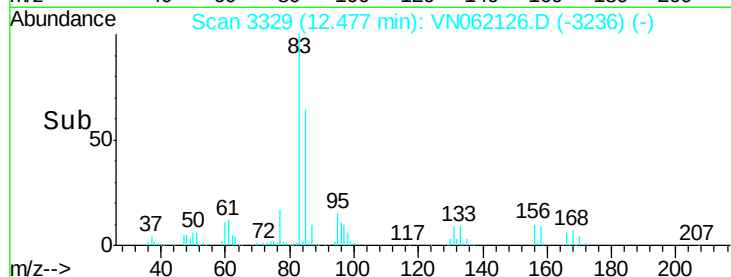
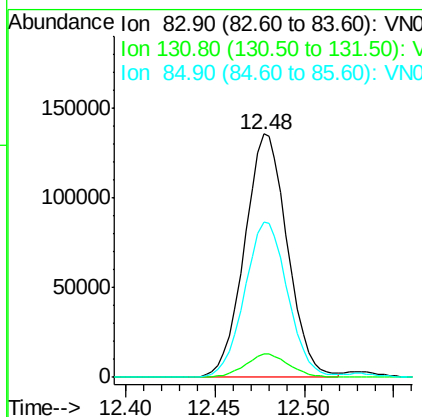
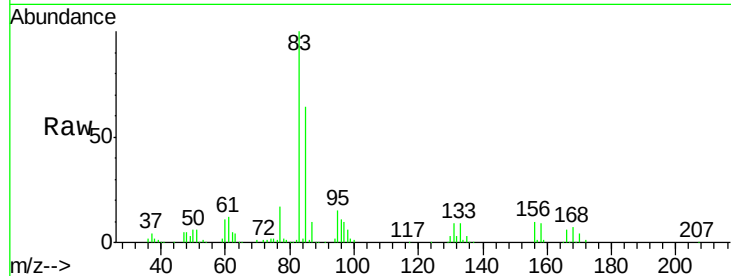
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	228236
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.8	14.4
85	64.1	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 40.691 ug/l m

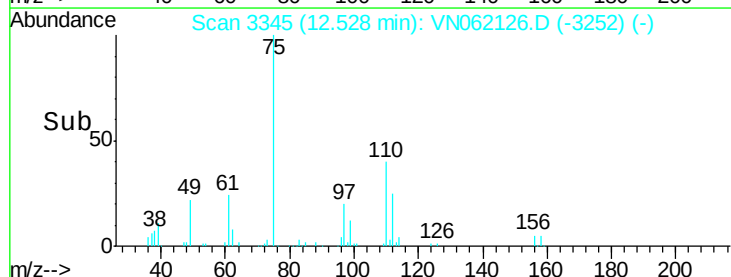
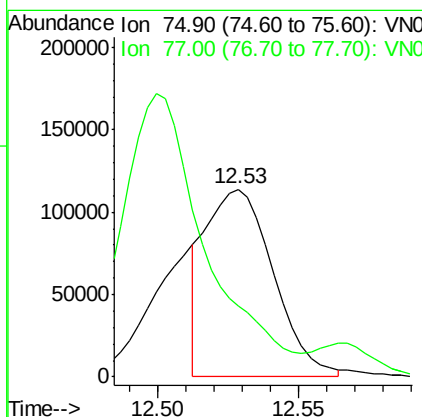
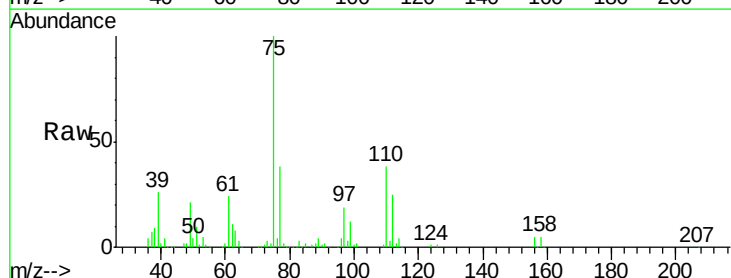
RT: 12.53 min Scan# 3345

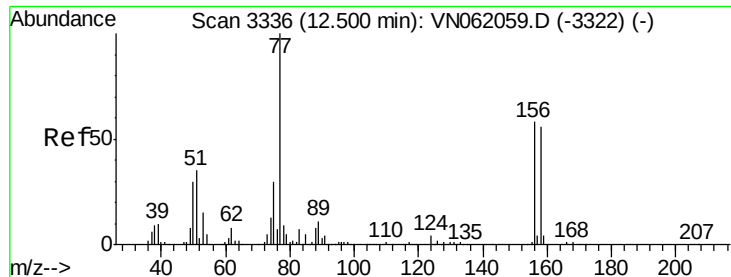
Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Tgt Ion:	75	Resp:	189413
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.174 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

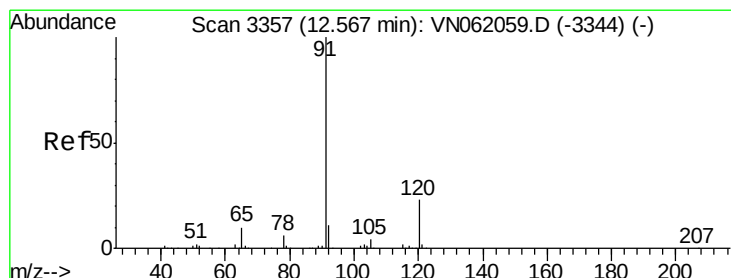
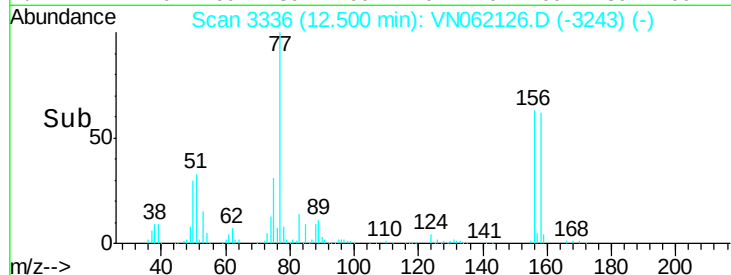
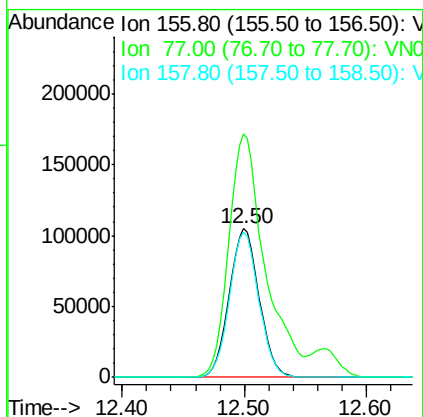
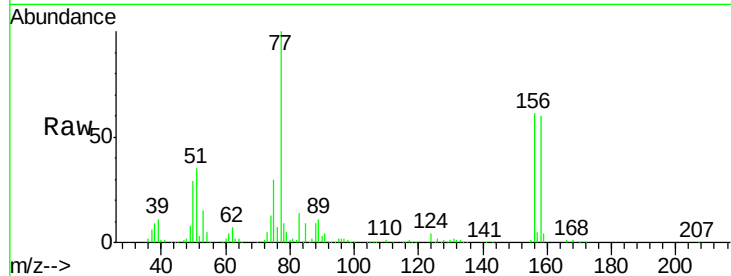
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.1	104.6	313.8
158	96.2	48.0	144.0

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#78

n-propylbenzene

Concen: 47.528 ug/l

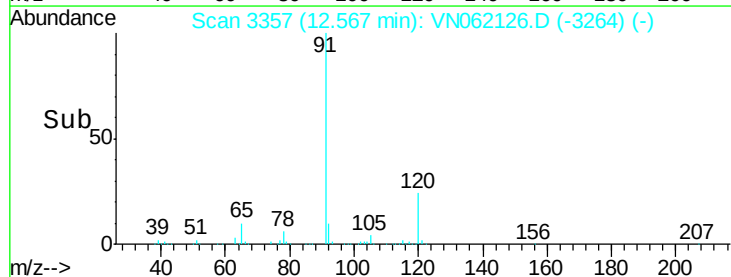
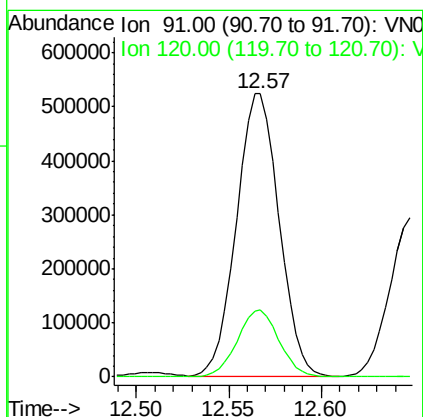
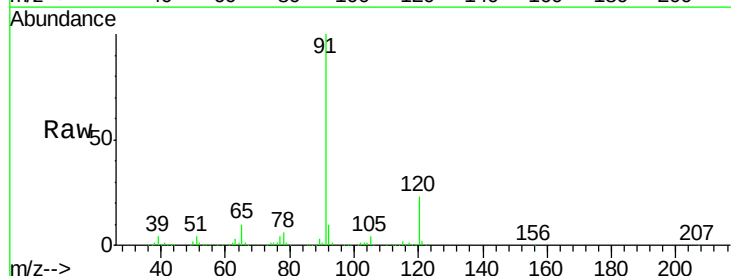
RT: 12.57 min Scan# 3357

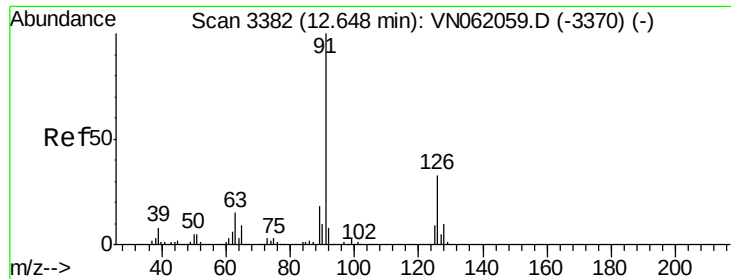
Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.4	34.1





#79

2-Chlorotoluene

Concen: 46.088 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 487826

Ion Ratio Lower Upper

91 100

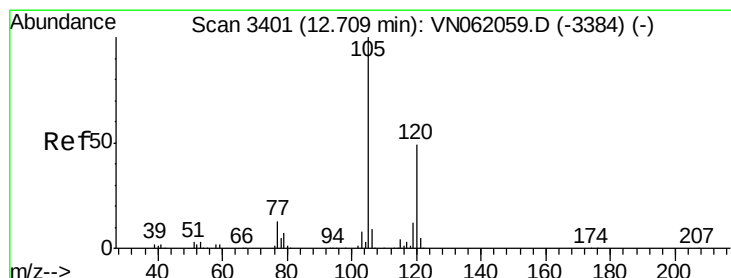
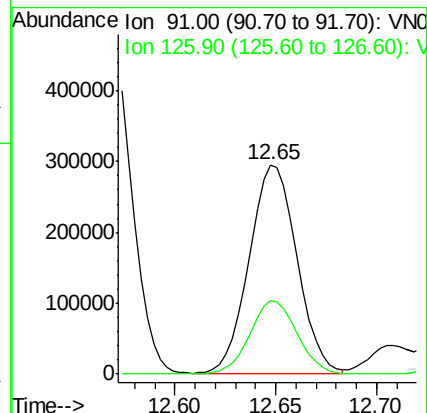
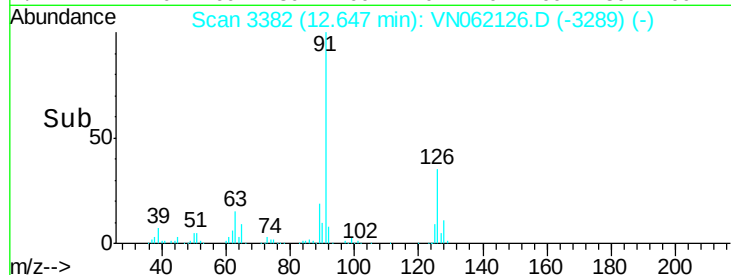
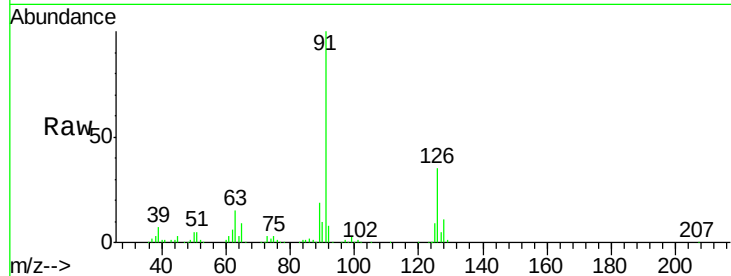
126 35.0 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 49.204 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062126.D

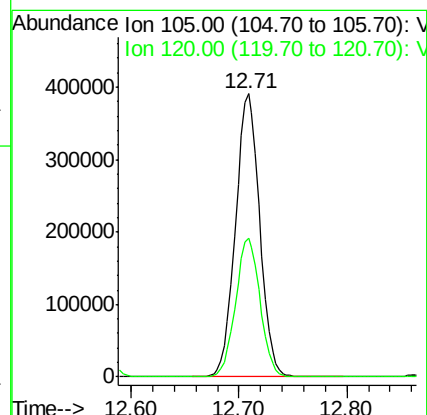
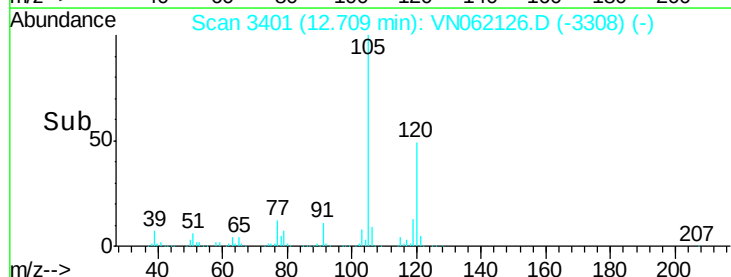
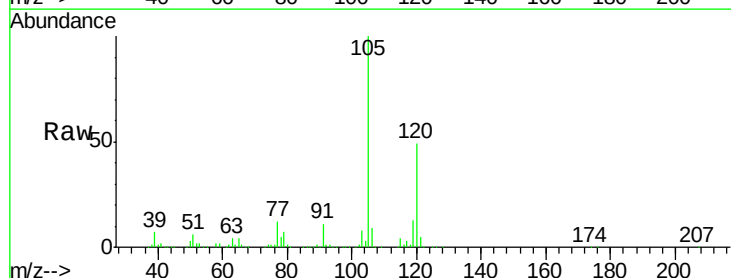
Acq: 25 Jun 2020 21:18

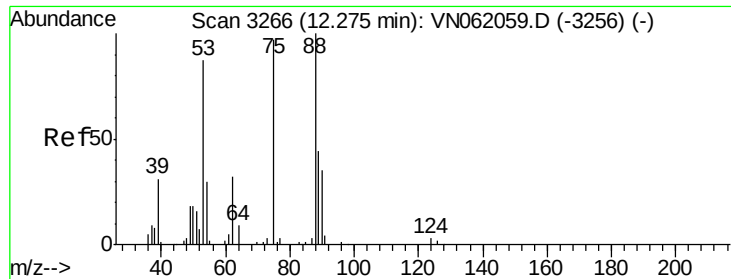
Tgt Ion: 105 Resp: 610528

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.321 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 73832

Ion Ratio Lower Upper

75 100

53 87.8 72.0 108.0

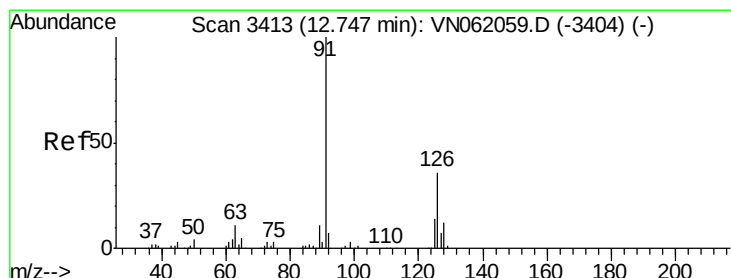
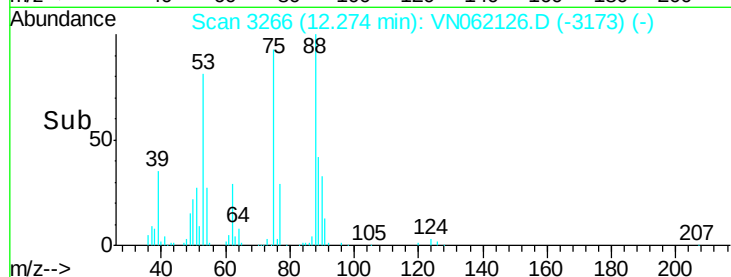
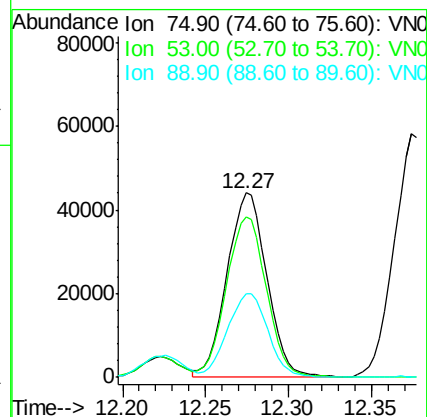
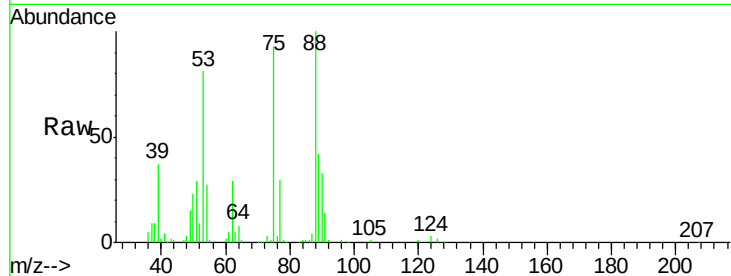
89 46.0 36.9 55.3

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#82

4-Chlorotoluene

Concen: 46.302 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062126.D

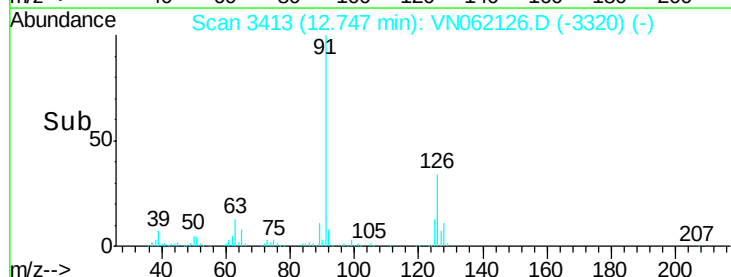
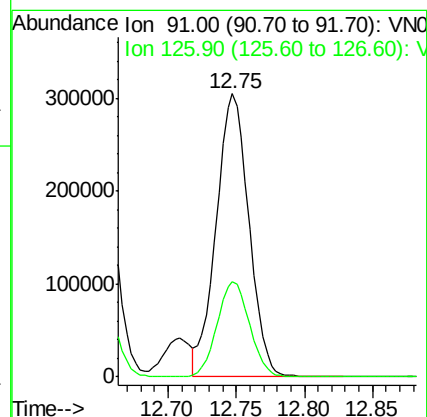
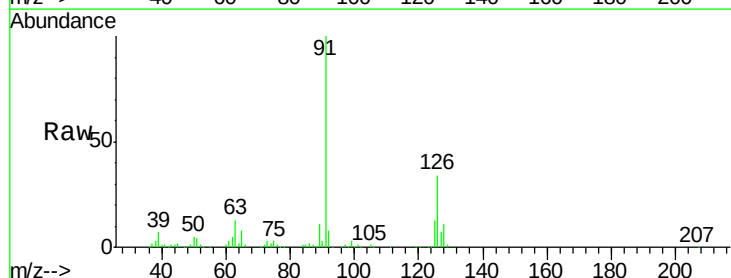
Acq: 25 Jun 2020 21:18

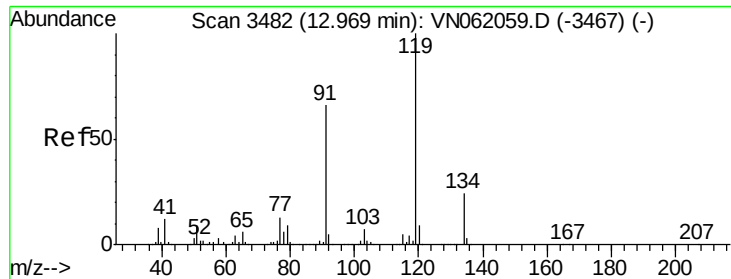
Tgt Ion: 91 Resp: 506804

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.1





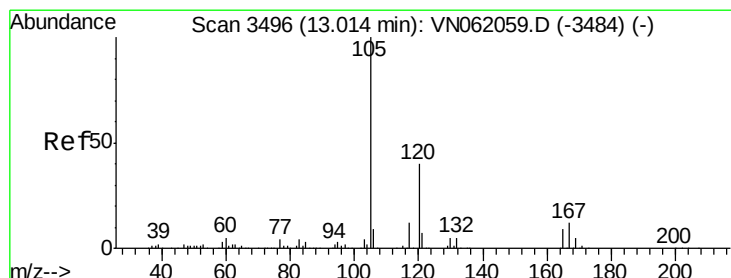
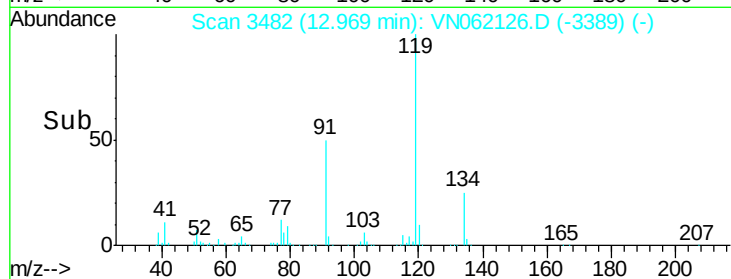
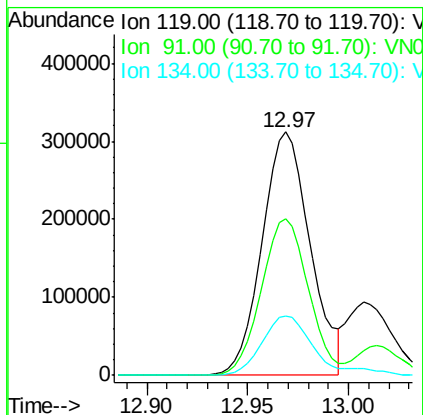
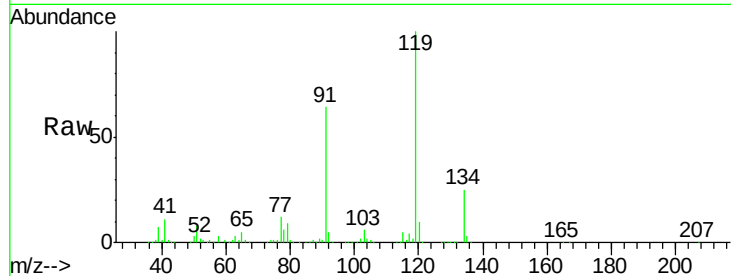
#83
 tert-Butylbenzene
 Concen: 48.883 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	31.7	95.1
134	26.5	13.1	39.1

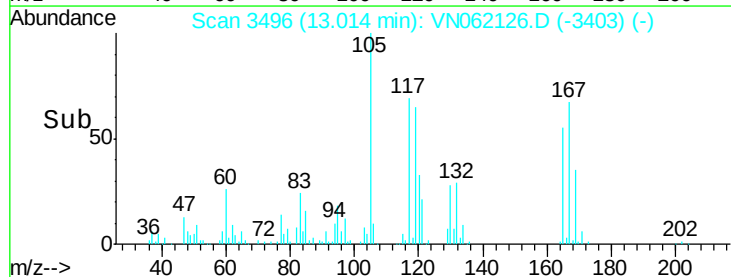
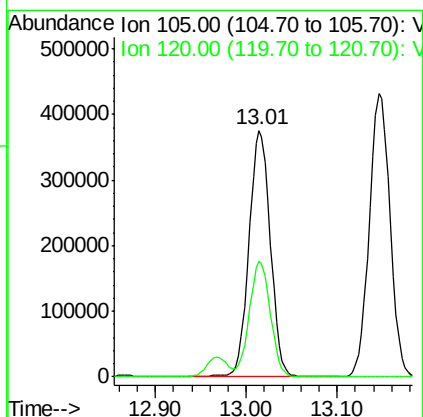
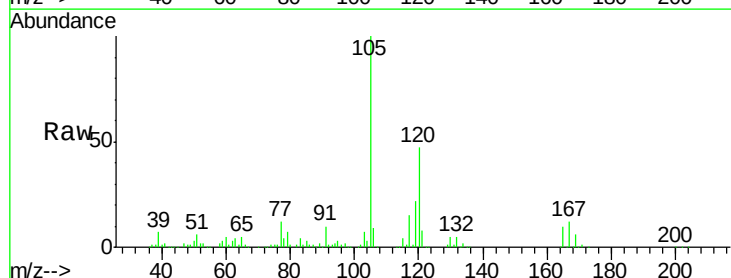
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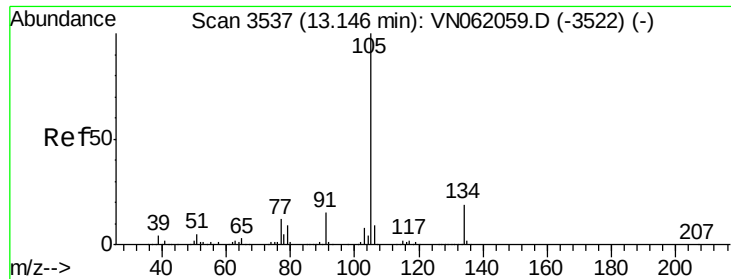
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.288 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.5





#85

sec-Butylbenzene

Concen: 48.626 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 682307

Ion Ratio Lower Upper

105 100

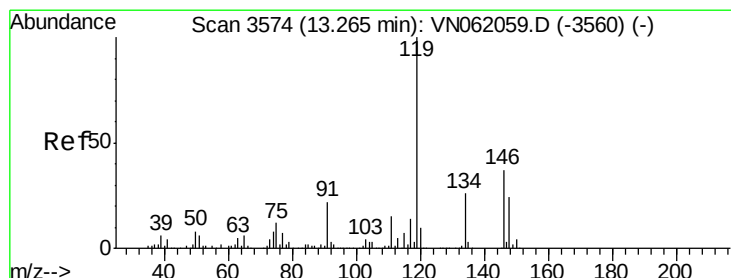
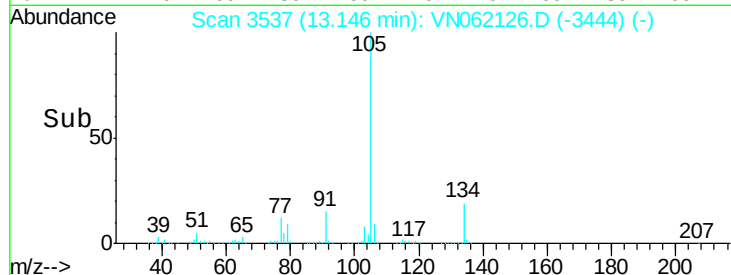
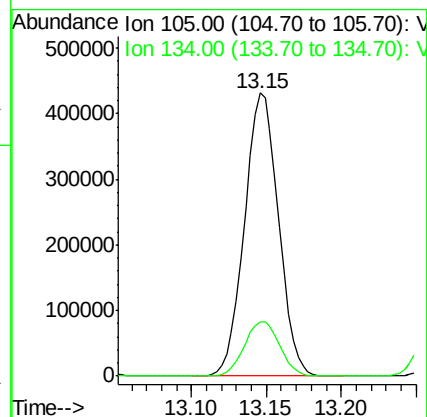
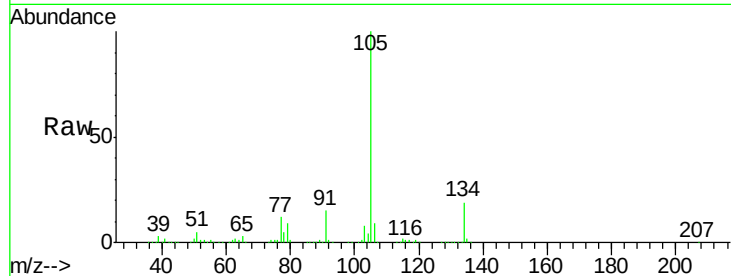
134 20.0 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 49.315 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

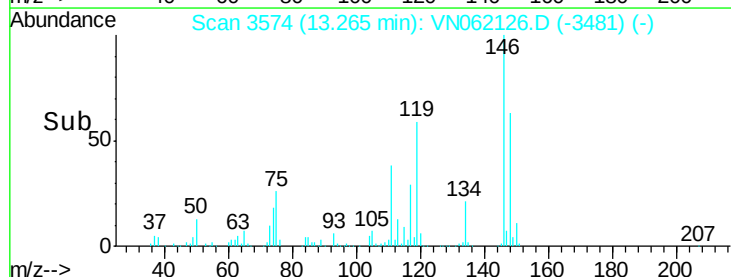
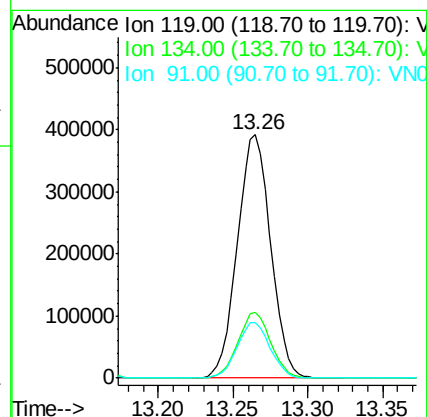
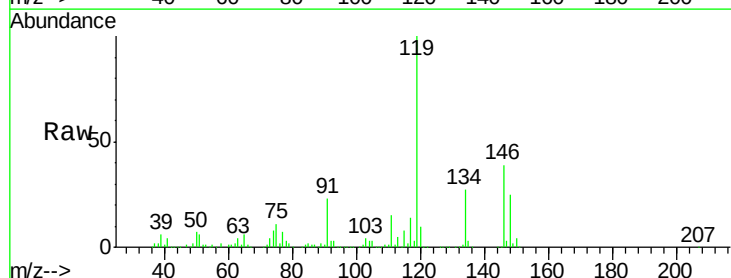
Tgt Ion:119 Resp: 606256

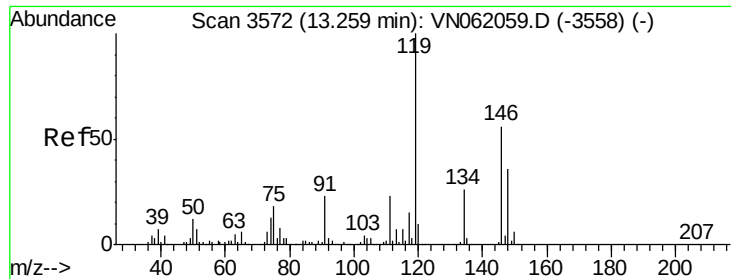
Ion Ratio Lower Upper

119 100

134 26.7 13.0 39.0

91 22.8 11.3 33.8





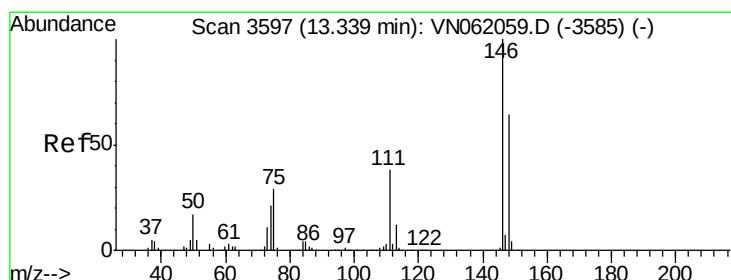
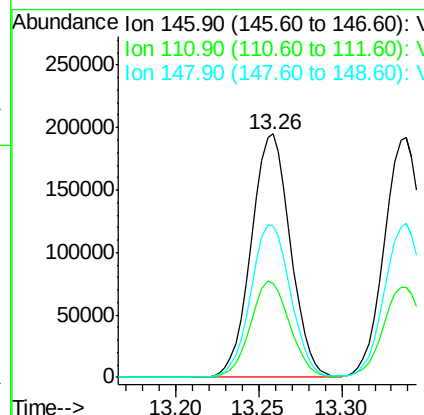
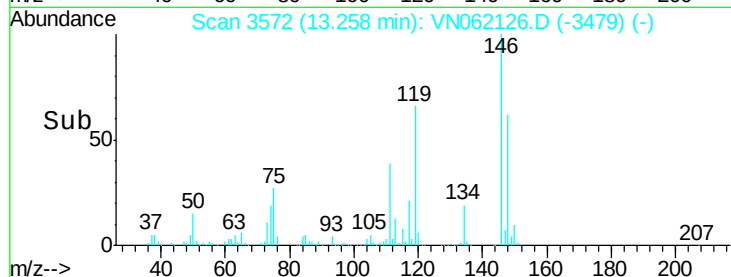
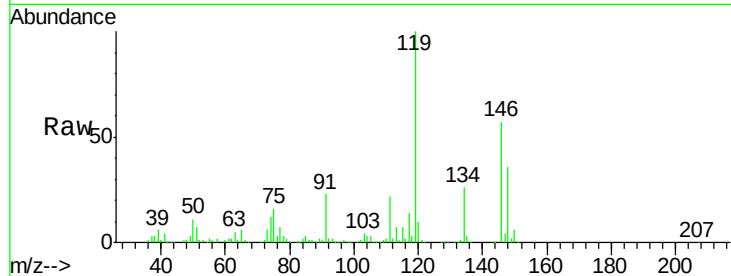
#87
 1,3-Dichlorobenzene
 Concen: 48.084 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	320863		
111	39.5	20.3	61.0	
148	63.7	31.8	95.3	

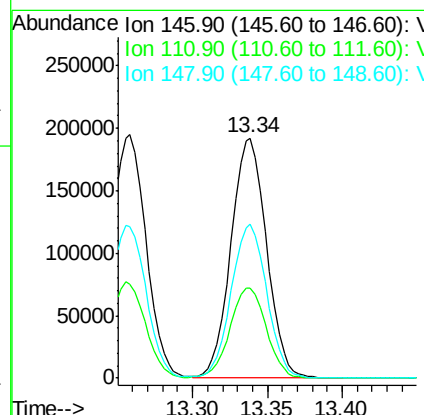
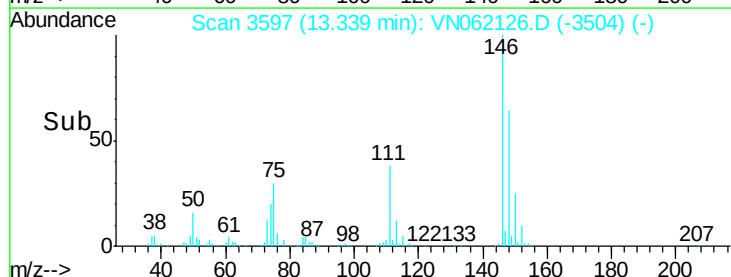
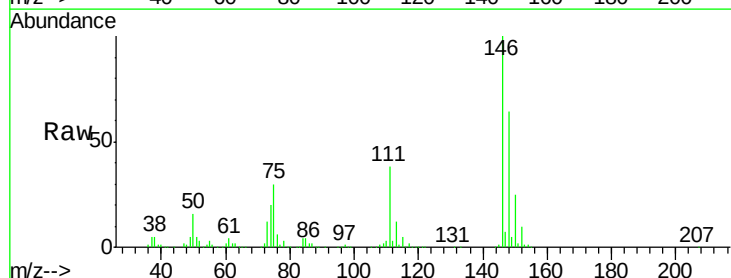
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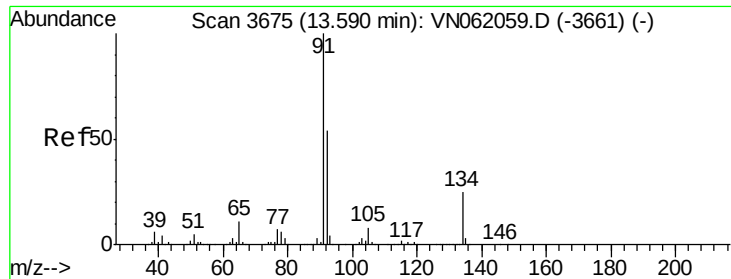
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#88
 1,4-Dichlorobenzene
 Concen: 46.092 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	317048		
111	38.3	19.9	59.6	
148	64.7	31.9	95.9	





#89

n-Butylbenzene

Concen: 48.326 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Instrument :

MSVOA_N

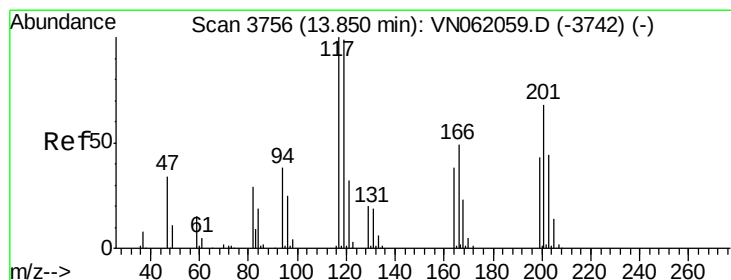
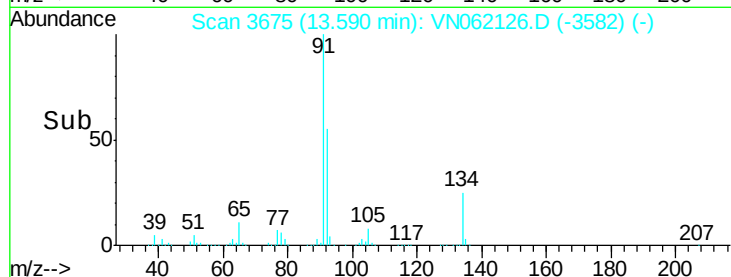
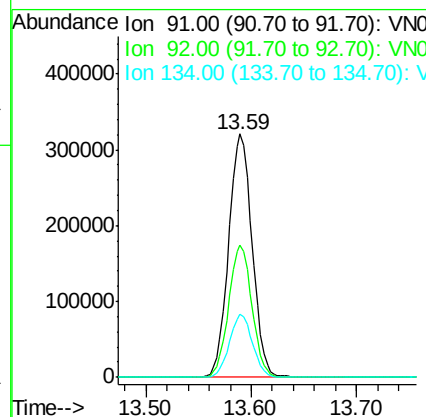
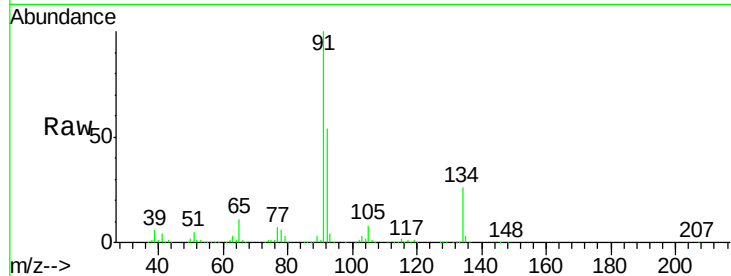
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	493917
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.6	79.7
134	25.6	12.3	36.9

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#90

Hexachloroethane

Concen: 47.053 ug/l

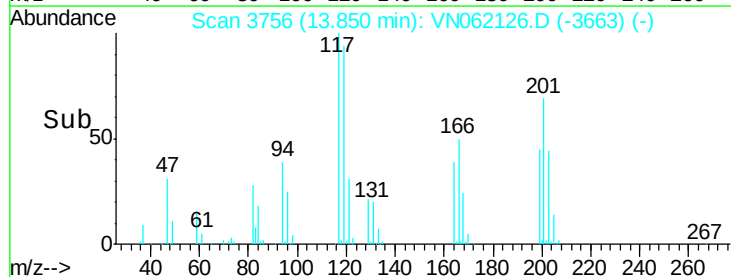
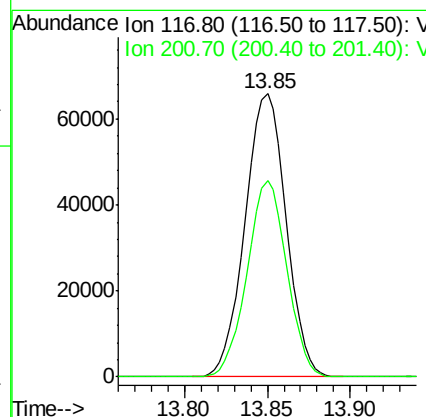
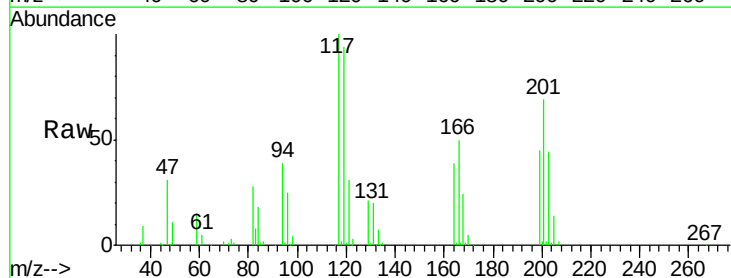
RT: 13.85 min Scan# 3756

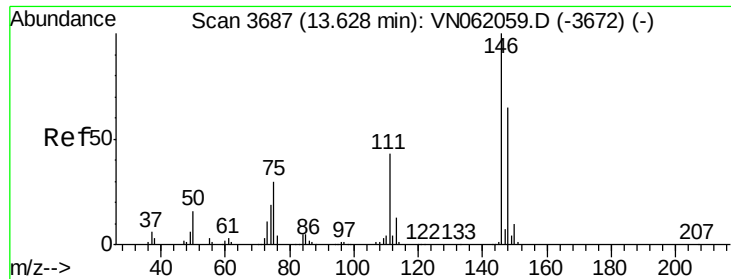
Delta R.T. -0.00 min

Lab File: VN062126.D

Acq: 25 Jun 2020 21:18

Tgt Ion:	117	Resp:	113491
Ion	Ratio	Lower	Upper
117	100		
201	66.8	32.7	98.1





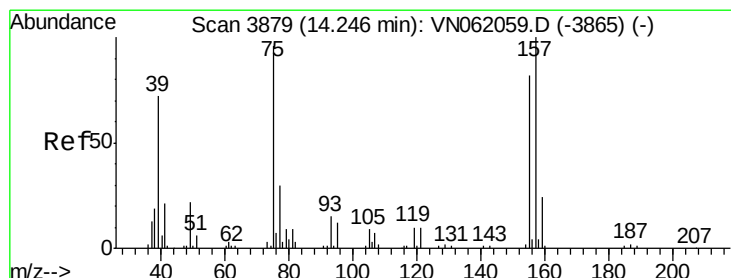
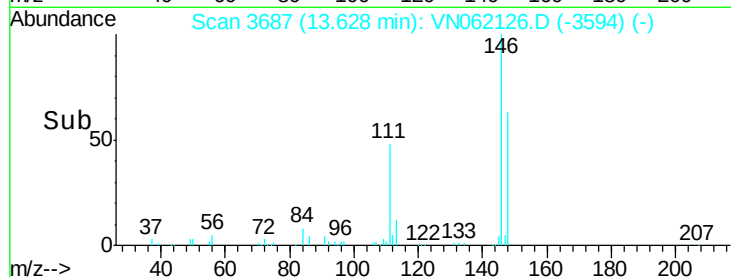
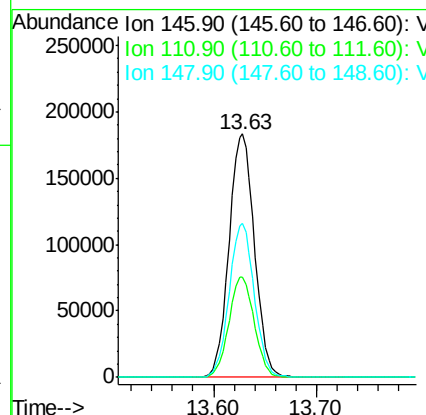
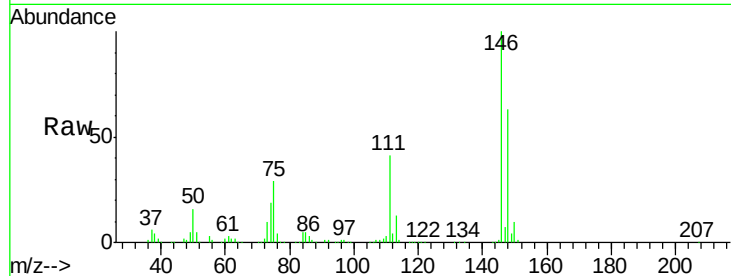
#91
 1,2-Dichlorobenzene
 Concen: 48.559 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.2	63.6
148	62.3	31.9	95.5

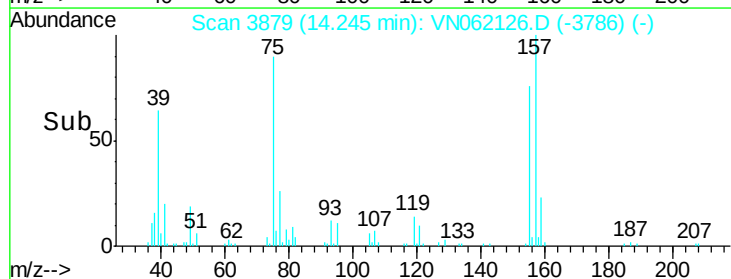
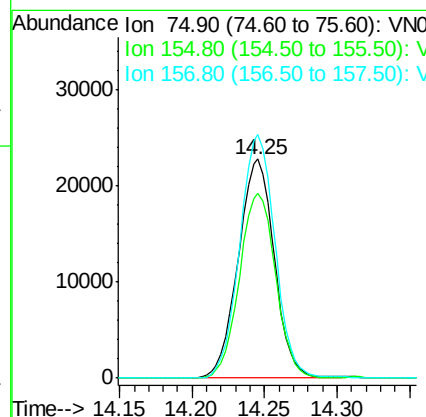
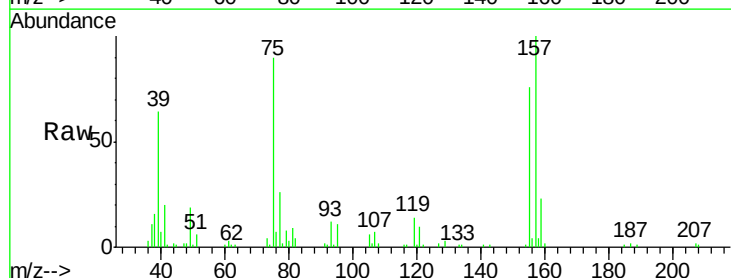
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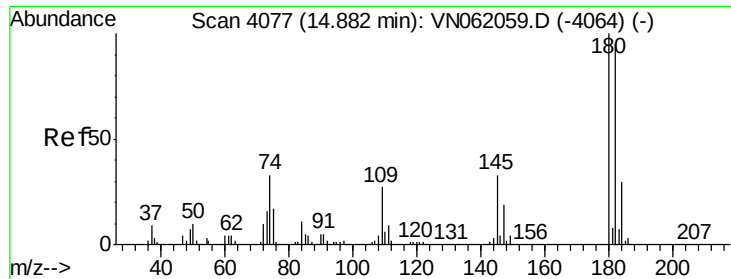
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.389 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062126.D
 Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	40.8	122.4
157	108.5	51.4	154.3





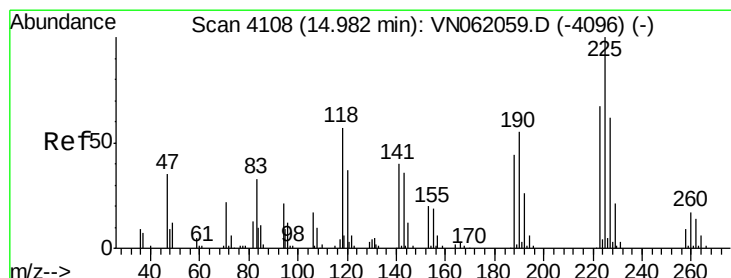
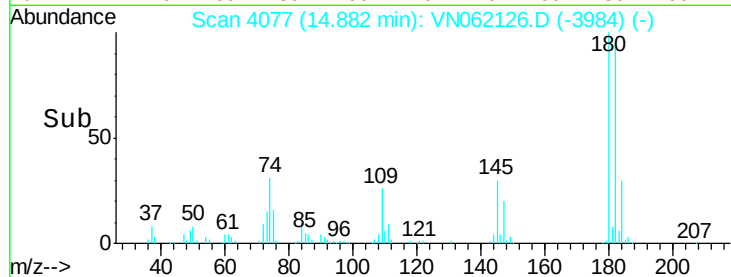
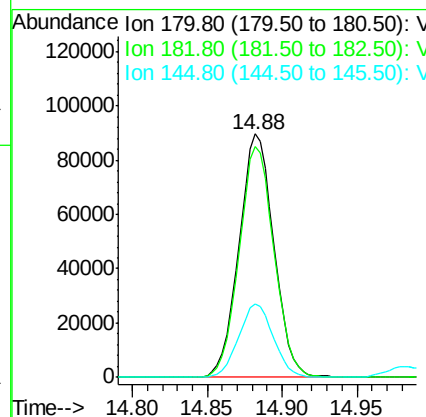
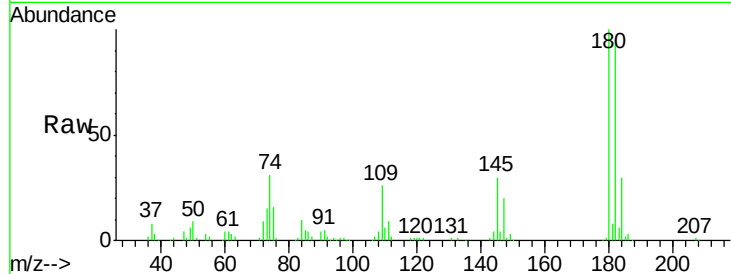
#93
1,2,4-Trichlorobenzene
Concen: 51.423 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	145362		
182	94.9	48.0	144.2	
145	30.2	16.0	48.0	

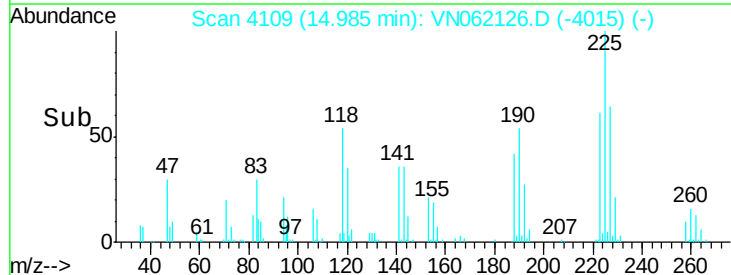
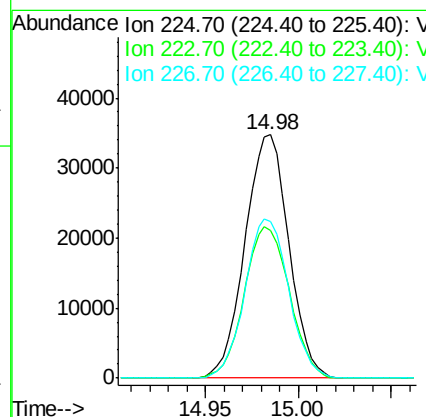
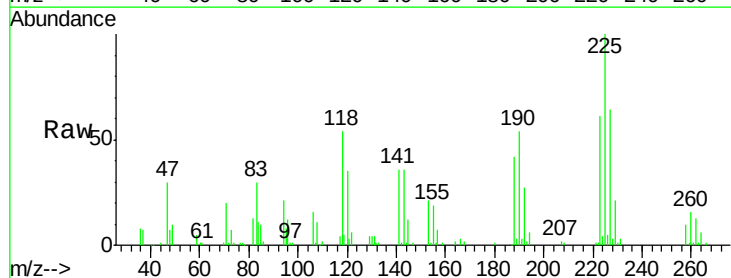
Manual Integrations
APPROVED

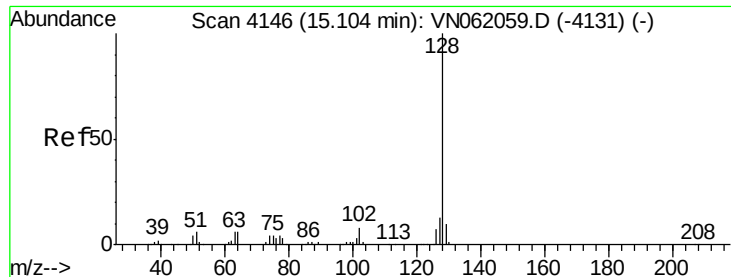
MMDadoda
6/26/2020 10:34:10 AM



#94
Hexachlorobutadiene
Concen: 46.630 ug/l
RT: 14.98 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57250		
223	64.1	32.9	98.7	
227	65.4	31.3	93.8	





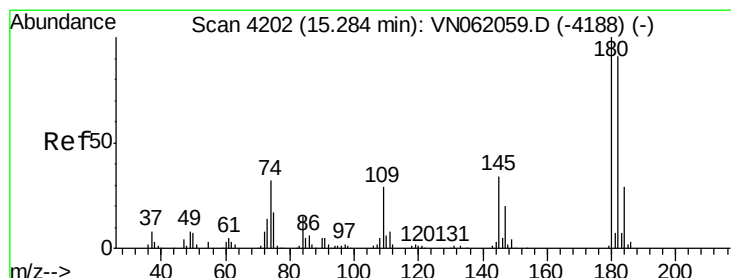
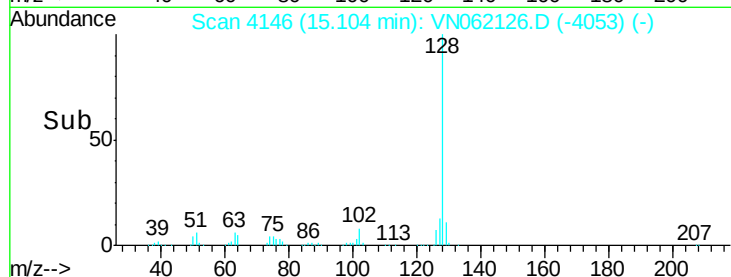
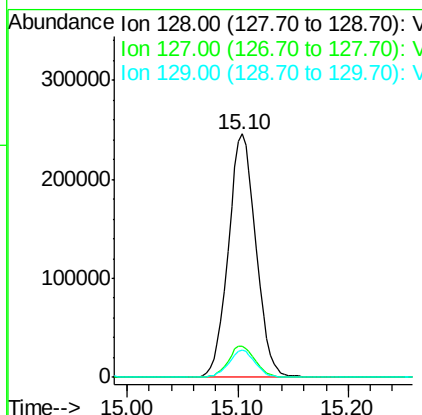
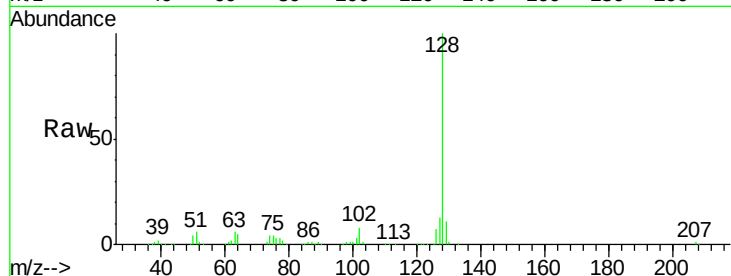
#95
Naphthalene
Concen: 45.602 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.6	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 50.674 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062126.D
Acq: 25 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.8	140.4
145	33.1	16.4	49.2

